



Hong Kong
Table of Frequency Allocations

April 2008

Office of the Telecommunications Authority

Preface

This handbook contains the table of frequency allocations in accordance with the Region 3 allocations under the Radio Regulations which are applicable to Hong Kong, the allocations which have been adopted by Hong Kong, as well as the band plans in use in Hong Kong. This publication is intended to provide a handy reference for spectrum management, radiocommunication systems design, and other related areas of applications.

This handbook can be downloaded direct from the Office of the Telecommunications Authority's Internet homepage at <http://www.ofta.gov.hk>. For further information, please contact the Spectrum Planning Section of the Office of the Telecommunications Authority at the following address:

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How to use this handbook

The information is given in table form.

The "REGION 3 ALLOCATION" column gives the overview of allocations in Region 3 on the basis of the Radio Regulations published by the International Telecommunication Union (ITU) incorporated with revisions in accordance with the Final Acts of all relevant World Radiocommunication Conferences, including the WRC 2003. For details of the frequency allocations in Region 3, reference should be made to the Article 5 of the Radio Regulations.

Allocations which have been changed by WRC 2003 are marked by an asterisk "*". Allocations before and after the revision are given in Annex I.

The Telecommunications Authority recognises the public interest in channel arrangements for fixed services and therefore intends to provide the information as far as possible. Fixed service marked by an "#" indicates that its channel arrangement is available in Annex II.

The table presentation is in line with the Radio Regulations. Where, in a box of the table in the "REGION 3 ALLOCATION" or "HONG KONG ALLOCATION" column, a band is indicated as allocated to more than one service, such services are listed in the following order :

- a. services the names of which are printed in "capitals" (example : FIXED) : these are called "primary" services;
- b. services the name of which are printed in "normal characters" (example: Mobile); these are called "secondary" services.

Additional remarks are printed in normal characters (example : Mobile except aeronautical mobile).

Stations of a secondary service shall not cause harmful interference to stations of primary services and cannot claim protection from harmful interference from stations of primary services.

The "HONG KONG ALLOCATION" column shows the allocations which have been adopted by Hong Kong. The "BAND PLAN AND EXISTING UTILISATION" column is intended to provide more details of existing band plan and utilization as well as other available technical information. The "REMARKS" column shows the availability and utilisation status.

Supplementary information is given at the bottom of the page.

Hong Kong

Table of Frequency Allocations

Legend of the Remarks

Legend	Description
“A”	All radio emissions in this band are prohibited according to the Radio Regulations of the International Telecommunication Union. OFTA will not assign any frequency channels.
“B”	Frequency channels in this band can be re-used at different geographical locations or share-used by different users at the same geographical location. If vacant channels are available, the figure given in the corresponding “remarks” column indicates the percentage of the number of channels that are vacant. OFTA can assign the “assigned” frequency channels or “vacant” channels to new users.
“C”	The frequency channels in this band are reserved for Government use only. OFTA will not assign any frequency channels for non-Government services.
“D”	No vacant channel in this band is available for broadcasting services with a territory-wide coverage. Frequency channels are assigned to licensed operators only. Subject to technical feasibility study, frequency channels may be made available for improving the coverage of broadcasting services.
“E”	There is no vacant channel in this band. Further assignment of frequency channels cannot be made.
“F”	Some frequency channels in this band have been assigned on a temporary basis. Vacant channels may not be enough to meet the anticipated demand. The figure given in the corresponding “remarks” column indicates the percentage of the number of channels that are vacant.

Legend	Description
“G”	Frequency channels in this band can be re-used at different locations. Further assignments can be made on a case by case basis.
“H”	There are one vacant territory-wide channel and one vacant localised channel for broadcasting services in this band. The localised channel is limited to provide coverage at Shek Kong. Frequency channels are only assigned to licensed operators.
“I”	This band is not yet allocated to any services for the time being. Any interested user may raise a request to OFTA.
“J”	The frequency channels in this band are share-used by all users under the exemption orders or class licences.
“K”	All frequency channels in this band are vacant. OFTA can assign the vacant channels to new users.
“L”	The use of this band is shared by broadcasters worldwide. Frequency channels in this band are assigned to licensed broadcasters only, subject to frequency coordination with other jurisdictions according to the procedures in Article 12 of the Radio Regulations of the International Telecommunication Union .
“M”	Part of this band is included in the 2008 – 2010 spectrum release plan. The range of the band included in the spectrum release plan is given in corresponding “remarks” column.

kHz
3 - 90

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
BELOW 9 (not allocated)	3 - 9 TO BE PLANNED	3 - 9 (a) Telecommunications Apparatus [1]	(a) See note "J"
9 - 14 RADIONAVIGATION	9 - 14 RADIONAVIGATION	9 - 14 (a) Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
14 - 19.95 FIXED MARITIME MOBILE	14 - 19.95 MARITIME MOBILE	14 - 19.95 (a) Maritime Mobile (b) Telecommunications Apparatus [1]	(a) See note "K" (b) See note "J"
19.95 - 20.05 STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	19.95 - 20.05 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	19.95 - 20.05 (a) Standard Frequency and Time Signal (SFT) (b) Telecommunications Apparatus [1]	(a) See note "K" (b) See note "J"
20.05 - 70 FIXED MARITIME MOBILE	20.05 - 70 MARITIME MOBILE	20.05 - 70 (a) Maritime Mobile (b) Telecommunications Apparatus [1]	(a) 84% of the frequency channels in the band are vacant. (b) See note "J"
70 - 72 RADIONAVIGATION Fixed Maritime mobile	70 - 90 RADIONAVIGATION	70 - 90 (a) Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
72 - 84 FIXED MARITIME MOBILE RADIONAVIGATION			
84 - 86 RADIONAVIGATION Fixed Maritime mobile			
86 - 90 FIXED MARITIME MOBILE RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz
90 - 130

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
90 - 110 RADIONAVIGATION Fixed	90 - 130 RADIONAVIGATION	90 - 130 (a) Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
110 - 112 FIXED MARITIME MOBILE RADIONAVIGATION			
112 - 117.6 RADIONAVIGATION Fixed Maritime mobile			
117.6 - 126 FIXED MARITIME MOBILE RADIONAVIGATION			
126 - 129 RADIONAVIGATION Fixed Maritime mobile			
129 - 130 FIXED MARITIME MOBILE RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

kHz
130 - 285

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
130 - 160 FIXED MARITIME MOBILE RADIONAVIGATION	130 - 190 TO BE PLANNED	130 - 190 (a) Telecommunications Apparatus [1]	(a) See note "J"
160 - 190 FIXED Aeronautical radionavigation			
190 - 200 AERONAUTICAL RADIONAVIGATION	190 - 285 AERONAUTICAL RADIONAVIGATION	190 - 195 (a) Aeronautical Radionavigation (b) Telecommunications Apparatus [1]	(a) See note "C" (b) See note "J"
		195 - 285 (a) Aeronautical Radionavigation	(a) See note "C"
200 - 285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile			

[1] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

kHz
285 - 415

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
285 - 315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)	285 - 325 MARITIME RADIONAVIGATION	285 - 325 (a) Maritime Radionavigation	(a) See note "C"
315 - 325 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)			
325 - 405 AERONAUTICAL RADIONAVIGATION Aeronautical mobile	325 - 415 AERONAUTICAL RADIONAVIGATION	325 - 415 (a) Aeronautical Radionavigation	(a) See note "C"
405 - 415 RADIONAVIGATION Aeronautical mobile			

kHz
415 - 1606.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
415 - 495 MARITIME MOBILE Aeronautical radionavigation	415 - 526.5 MARITIME MOBILE	415 - 526.5 (a) Maritime Mobile	(a) 39% of the frequency channels in the band are vacant.
495 - 505 MOBILE (distress and calling)			
505 - 526.5 MARITIME MOBILE AERONAUTICAL RADIONAVIGATION Aeronautical mobile Land mobile			
526.5 - 535 BROADCASTING Mobile	526.5 - 1606.5 BROADCASTING	526.5 - 1606.5 (a) Broadcasting	(a) See note "H"
535 - 1606.5 BROADCASTING			

kHz
1606.5 - 2000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1606.5 - 1800 FIXED MOBILE RADIOLOCATION RADIONAVIGATION	1606.5 - 1800 LAND MOBILE RADIOLOCATION RADIONAVIGATION	1606.5 - 1800 (a) Radiolocation (b) Telecommunications Apparatus [1]	(a) See note "B" (b) See note "J"
1800 - 2000 AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation	1800 - 2000 AMATEUR RADIONAVIGATION	1800 - 2000 (a) Amateur (b) Radionavigation	(a) See note "B" (b) See note "C"

[1] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

kHz
2000 - 2495

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2000 - 2065 FIXED MOBILE	2000 - 2495 MARITIME MOBILE	2000 - 2495 (a) Maritime Mobile	(a) 75% of the frequency channels in the band are vacant.
2065 - 2107 MARITIME MOBILE			
2107 - 2170 FIXED MOBILE			
2170 - 2173.5 MARITIME MOBILE			
2173.5 - 2190.5 MOBILE (distress and calling)			
2190.5 - 2194 MARITIME MOBILE			
2194 - 2300 FIXED MOBILE			
2300 - 2495 FIXED MOBILE BROADCASTING			

kHz
2495 - 2850

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2495 - 2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)	2495 - 2505 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	2495 - 2505 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
2501 - 2502 STANDARD FREQUENCY AND TIME SIGNAL Space research			
2502 - 2505 STANDARD FREQUENCY AND TIME SIGNAL			
2505 - 2850 FIXED MOBILE	2505 - 2850 MARITIME MOBILE	2505 - 2850 (a) Maritime Mobile	(a) See note "K"

kHz
2850 - 3400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2850 - 3025 AERONAUTICAL MOBILE (R)	2850 - 3200 AERONAUTICAL MOBILE	2850 - 3200 (a) Aeronautical Mobile	(a) See note "B"
3025 - 3155 AERONAUTICAL MOBILE (OR)			
3155 - 3200 FIXED MOBILE except aeronautical mobile (R)			
3200 - 3230 FIXED MOBILE except aeronautical mobile (R) BROADCASTING	3200 - 3400 FIXED	3200 - 3400 (a) Fixed	(a) 72% of the frequency channels in the band are vacant.
3230 - 3400 FIXED MOBILE except aeronautical mobile BROADCASTING			

kHz
3400 - 4000

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
3400 - 3500 AERONAUTICAL MOBILE (R)	3400 - 3500 AERONAUTICAL MOBILE	3400 - 3500 (a) Aeronautical Mobile	(a) See note "B"
3500 - 3900 AMATEUR FIXED MOBILE	3500 - 3900 AMATEUR MARITIME MOBILE	3500 - 3900 (a) Amateur (b) Maritime Mobile	(a) See note "B" (b) 47% of the frequency channels in the band are vacant.
3900 - 3950 AERONAUTICAL MOBILE BROADCASTING	3900 - 3950 AERONAUTICAL MOBILE	3900 - 3950 (a) Aeronautical Mobile	(a) See note "B"
3950 - 4000 FIXED BROADCASTING	3950 - 4000 TO BE PLANNED	3950 - 4000	See note "I"

kHz
4000 - 4650

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
4000 - 4063 FIXED MARITIME MOBILE	4000 - 4063 FIXED MARITIME MOBILE	4000 - 4063 (a) Maritime Mobile	(a) See note "B"
4063 - 4438 MARITIME MOBILE	4063 - 4438 MARITIME MOBILE	4063 - 4438 (a) Maritime Mobile	(a) See note "B"
4438 - 4650 FIXED MOBILE except aeronautical mobile	4438 - 4650 FIXED	4438 - 4650 (a) Fixed	(a) 93% of the frequency channels in the band are vacant.

kHz
4650 - 5005

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
4650 - 4700 AERONAUTICAL MOBILE (R)	4650 - 4750 AERONAUTICAL MOBILE	4650 - 4750 (a) Aeronautical Mobile	(a) See note "B"
4700 - 4750 AERONAUTICAL MOBILE (OR)			
4750 - 4850 FIXED BROADCASTING Land mobile	4750 - 4995 FIXED	4750 - 4995 (a) Fixed	(a) 38% of the frequency channels in the band are vacant.
4850 - 4995 FIXED LAND MOBILE BROADCASTING			
4995 - 5003 STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz)	4995 - 5005 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	4995 - 5005 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
5003 - 5005 STANDARD FREQUENCY AND TIME SIGNAL Space research			

kHz
5005 - 5480

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5005 - 5060 FIXED BROADCASTING	5005 - 5480 FIXED	5005 - 5480 (a) Fixed	(a) 67% of the frequency channels in the band are vacant.
5060 - 5250 FIXED Mobile except aeronautical mobile			
5250 - 5450 FIXED MOBILE except aeronautical mobile			
5450 - 5480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE			

kHz
5480 - 6765

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5480 - 5680 AERONAUTICAL MOBILE (R)	5480 - 5730 AERONAUTICAL MOBILE	5480 - 5730 (a) Aeronautical Mobile	(a) See note "B"
5680 - 5730 AERONAUTICAL MOBILE (OR)			
5730 - 5900 FIXED Mobile except aeronautical mobile (R)	5730 - 5950 FIXED	5730 - 5950 (a) Fixed	(a) 45% of the frequency channels in the band are vacant.
5900 - 5950 BROADCASTING [1]			
5950 - 6200 BROADCASTING	5950 - 6200 BROADCASTING	5950 - 6200 (a) Broadcasting	(a) See note "L"
6200 - 6525 MARITIME MOBILE	6200 - 6525 MARITIME MOBILE	6200 - 6525 (a) Maritime Mobile	(a) See note "B"
6525 - 6685 AERONAUTICAL MOBILE (R)	6525 - 6765 AERONAUTICAL MOBILE	6525 - 6765 (a) Aeronautical Mobile	(a) See note "B"
6685 - 6765 AERONAUTICAL MOBILE (OR)			

[1] The band 5900 - 5950 kHz is allocated, until 1 April 2007, to the fixed service on a primary basis, as well as to the mobile except aeronautical mobile (R) service on a secondary basis.

kHz
6765 - 7300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
* 6765 - 7000 FIXED MOBILE except aeronautical mobile (R) [1] [2]	6765 - 6795 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	6765 - 6795 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
	6795 - 7000 FIXED	6795 - 7000 (a) Fixed	(a) 24% of the frequency channels in the band are vacant.
7000 - 7100 AMATEUR AMATEUR-SATELLITE	7000 - 7100 AMATEUR AMATEUR-SATELLITE	7000 - 7100 (a) Amateur (b) Amateur-Satellite	(a)&(b) See note "B"
* 7100 - 7200 AMATEUR [3]	7100 - 7200 AMATEUR	7100 - 7200 (a) Amateur	(a) See note "B"
7200 - 7300 BROADCASTING	7200 - 7300 BROADCASTING	7200 - 7300 (a) Broadcasting	(a) See note "L"

[1] The band 6765 - 6795 kHz is designated for industrial, scientific and medical (ISM) applications
 [2] Until 29 March 2009, the band 6765 - 7000 kHz is allocated to fixed service on a primary basis and to the land mobile service on a secondary basis. After this date, this band is allocated to the fixed and mobile except aeronautical mobile (R) service on a primary basis

[3] The band 7100 - 7200 kHz is allocated to the broadcasting service until 29 March 2009 on a primary basis.

kHz
7300 - 9995

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
* 7300 - 7450 BROADCASTING [1] [2]	7300 - 8195 FIXED	7300 - 8195 (a) Fixed	(a) 71% of the frequency channels in the band are vacant.
* 7450 - 8100 FIXED MOBILE except aeronautical mobile (R) [3]			
8100 - 8195 FIXED MARITIME MOBILE			
8195 - 8815 MARITIME MOBILE	8195 - 8815 MARITIME MOBILE	8195 - 8815 (a) Maritime Mobile	(a) See note "B"
8815 - 8965 AERONAUTICAL MOBILE (R)	8815 - 9040 AERONAUTICAL MOBILE	8815 - 9040 (a) Aeronautical Mobile	(a) See note "B"
8965 - 9040 AERONAUTICAL MOBILE (OR)			
9040 - 9400 FIXED	9040 - 9500 FIXED	9040 - 9500 (a) Fixed	(a) 88% of the frequency channels in the band are vacant.
9400 - 9500 BROADCASTING [4]			
9500 - 9900 BROADCASTING	9500 - 9900 BROADCASTING	9500 - 9900 (a) Broadcasting	(a) See note "L"
9900 - 9995 FIXED	9900 - 9995 FIXED	9900 - 9995 (a) Fixed	(a) See note "K"

- [1] The band 7300 - 7350 kHz is allocated, until 1 April 2007, to the fixed service on a primary basis and to the land mobile service on a secondary basis
- [2] The band 7350 - 7450 kHz is allocated, until 29 March 2009, to the fixed service on a primary basis and to the land mobile service on a secondary basis

- [3] The band 7450 - 8100 kHz is allocated, until 29 March 2009, to the fixed service on a primary basis and to the land mobile service on a secondary basis
- [4] The band 9400 - 9500 kHz is allocated to the fixed service on a primary basis until 1 April 2007.

kHz
9995 - 11175

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
9995 - 10003 STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz)	9995 - 10005 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	9995 - 10005 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
10003 - 10005 STANDARD FREQUENCY AND TIME SIGNAL Space research			
10005 - 10100 AERONAUTICAL MOBILE (R)	10005 - 10100 AERONAUTICAL MOBILE	10005 - 10100 (a) Aeronautical Mobile	(a) See note "B"
10100 - 10150 FIXED Amateur	10100 - 10150 FIXED Amateur	10100 - 10150 (a) Fixed (b) Amateur	(a) See note "K" (b) See note "B"
10150 - 11175 FIXED Mobile except aeronautical mobile (R)	10150 - 11175 FIXED	10150 - 11175 (a) Fixed	(a) See note "K"

kHz
11175 - 13200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
11175 - 11275 AERONAUTICAL MOBILE (OR)	11175 - 11400 AERONAUTICAL MOBILE	11175 - 11400 (a) Aeronautical Mobile	(a) See note "B"
11275 - 11400 AERONAUTICAL MOBILE (R)			
11400 - 11600 FIXED	11400 - 11650 FIXED	11400 - 11650 (a) Fixed	(a) See note "K"
11600 - 11650 BROADCASTING [1]			
11650 - 12050 BROADCASTING	11650 - 12050 BROADCASTING	11650 - 12050 (a) Broadcasting	(a) See note "L"
12050 - 12100 BROADCASTING [1]	12050 - 12230 FIXED	12050 - 12230 (a) Fixed	(a) See note "K"
12100 - 12230 FIXED			
12230 - 13200 MARITIME MOBILE	12230 - 13200 MARITIME MOBILE	12230 - 13200 (a) Maritime Mobile	(a) See note "B"

[1] The bands 11600 - 11650 kHz and 12050 - 12100 kHz are allocated to the fixed service on a primary basis until 1 April 2007.

kHz
13200 - 14250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
13200 - 13260 AERONAUTICAL MOBILE (OR)	13200 - 13360 AERONAUTICAL MOBILE	13200 - 13360 (a) Aeronautical Mobile	(a) See note "B"
13260 - 13360 AERONAUTICAL MOBILE (R)			
13360 - 13410 FIXED RADIO ASTRONOMY	13360 - 13553 FIXED	13360 - 13553 (a) Fixed	(a) 98% of the frequency channels in the band are vacant.
13410 - 13570 FIXED Mobile except aeronautical mobile (R) [1]	13553 - 13567 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	13553 - 13567 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [3]	(a) See note "B" (b) See note "J"
	13567 - 13600 FIXED	13567 - 13600 (a) Fixed	(a) See note "K"
13570 - 13600 BROADCASTING [2]	13600 - 13800 BROADCASTING	13600 - 13800 (a) Broadcasting	(a) See note "L"
13800 - 13870 BROADCASTING [2]	13800 - 14000 FIXED	13800 - 14000 (a) Fixed	(a) See note "K"
13870 - 14000 FIXED Mobile except aeronautical mobile (R)			
14000 - 14250 AMATEUR AMATEUR-SATELLITE	14000 - 14250 AMATEUR AMATEUR-SATELLITE	14000 - 14250 (a) Amateur (b) Amateur-Satellite	(a)&(b) See note "B"

[1] The band 13553 - 13567 kHz (centre frequency 13560 kHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications

[2] The bands 13570 - 13600 kHz and 13800 - 13870 kHz are allocated, until 1 April 2007, to the fixed service on a primary basis and to the mobile except aeronautical mobile (R) service on a secondary basis.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

kHz
14250 - 17410

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
14250 - 14350 AMATEUR	14250 - 14350 AMATEUR	14250 - 14350 (a) Amateur	(a) See note "B"
14350 - 14990 FIXED Mobile except aeronautical mobile (R)	14350 - 14990 FIXED	14350 - 14990 (a) Fixed	(a) 98% of the frequency channels in the band are vacant.
14990 - 15005 STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz)	14990 - 15010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	14990 - 15010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
15005 - 15010 STANDARD FREQUENCY AND TIME SIGNAL Space research			
15010 - 15100 AERONAUTICAL MOBILE (OR)	15010 - 15100 AERONAUTICAL MOBILE	15010 - 15100 (a) Aeronautical Mobile	(a) See note "B"
15100 - 15600 BROADCASTING	15100 - 15600 BROADCASTING	15100 - 15600 (a) Broadcasting	(a) See note "L"
15600 - 15800 BROADCASTING [1]	15600 - 16360 FIXED	15600 - 16360 (a) Fixed	(a) 55% of the frequency channels in the band are vacant.
15800 - 16360 FIXED			
16360 - 17410 MARITIME MOBILE	16360 - 17410 MARITIME MOBILE	16360 - 17410 (a) Maritime Mobile	(a) See note "B"

[1] The band 15600 - 15800 kHz is allocated to the fixed service on a primary basis until 1 April 2007.

kHz
17410 - 18900

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
17410 - 17480 FIXED	17410 - 17550 FIXED	17410 - 17550 (a) Fixed	(a) See note "K"
17480 - 17550 BROADCASTING [1]			
17550 - 17900 BROADCASTING	17550 - 17900 BROADCASTING	17550 - 17900 (a) Broadcasting	(a) See note "L"
17900 - 17970 AERONAUTICAL MOBILE (R)	17900 - 18030 AERONAUTICAL MOBILE	17900 - 18030 (a) Aeronautical Mobile	(a) See note "B"
17970 - 18030 AERONAUTICAL MOBILE (OR)			
18030 - 18052 FIXED	18030 - 18068 FIXED	18030 - 18068 (a) Fixed	(a) See note "K"
18052 - 18068 FIXED Space research			
18068 - 18168 AMATEUR AMATEUR-SATELLITE	18068 - 18168 AMATEUR AMATEUR-SATELLITE	18068 - 18168 (a) Amateur (b) Amateur-Satellite	(a)&(b) See note "B"
18168 - 18780 FIXED Mobile except aeronautical mobile	18168 - 18780 FIXED	18168 - 18780 (a) Fixed	(a) 82% of the frequency channels in the band are vacant.
18780 - 18900 MARITIME MOBILE	18780 - 18900 MARITIME MOBILE	18780 - 18900 (a) Maritime Mobile	(a) See note "B"

[1] The band 17480 - 17550 kHz is allocated to the fixed service on a primary basis until 1 April 2007.

kHz
18900 - 21924

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
18900 - 19020 BROADCASTING [1]	18900 - 19680 FIXED	18900 - 19680 (a) Fixed	(a) See note "K"
19020 - 19680 FIXED			
19680 - 19800 MARITIME MOBILE	19680 - 19800 MARITIME MOBILE	19680 - 19800 (a) Maritime Mobile	(a) See note "B"
19800 - 19990 FIXED	19800 - 19990 FIXED	19800 - 19990 (a) Fixed	(a) See note "K"
19990 - 19995 STANDARD FREQUENCY AND TIME SIGNAL Space research	19990 - 20010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	19990 - 20010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
19995 - 20010 STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)			
20010 - 21000 FIXED Mobile	20010 - 21000 FIXED	20010 - 21000 (a) Fixed	(a) 78% of the frequency channels in the band are vacant.
21000 - 21450 AMATEUR AMATEUR-SATELLITE	21000 - 21450 AMATEUR AMATEUR-SATELLITE	21000 - 21450 (a) Amateur (b) Amateur-Satellite	(a)&(b) See note "B"
21450 - 21850 BROADCASTING	21450 - 21850 BROADCASTING	21450 - 21850 (a) Broadcasting	(a) See note "L"
21850 - 21870 FIXED	21850 - 21924 FIXED	21850 - 21924 (a) Fixed	(a) See note "K"
21870 - 21924 FIXED			

[1] The band 18900 - 19020 kHz is allocated to the fixed service on a primary basis until 1 April 2007.

kHz
21924 - 23350

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
21924 - 22000 AERONAUTICAL MOBILE (R)	21924 - 22000 AERONAUTICAL MOBILE	21924 - 22000 (a) Aeronautical Mobile	(a) See note "B"
22000 - 22855 MARITIME MOBILE	22000 - 22855 MARITIME MOBILE	22000 - 22855 (a) Maritime Mobile	(a) See note "B"
22855 - 23000 FIXED	22855 - 23200 FIXED	22855 - 23200 (a) Fixed	(a) 80% of the frequency channels in the band are vacant.
23000 - 23200 FIXED Mobile except aeronautical mobile (R)			
23200 - 23350 FIXED AERONAUTICAL MOBILE (OR)	23200 - 23350 TO BE PLANNED	23200 - 23350	See note "I"

kHz
23350 - 25070

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
23350 - 24000 FIXED MOBILE except aeronautical mobile	23350 - 24890 FIXED	23350 - 24890 (a) Fixed	(a) 81% of the frequency channels in the band are vacant.
24000 - 24890 FIXED LAND MOBILE			
24890 - 24990 AMATEUR AMATEUR-SATELLITE	24890 - 24990 AMATEUR AMATEUR-SATELLITE	24890 - 24990 (a) Amateur (b) Amateur-Satellite	(a)&(b) See note "B"
24990 - 25005 STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	24990 - 25010 STANDARD FREQUENCY AND TIME SIGNAL (SFT)	24990 - 25010 (a) Standard Frequency and Time Signal (SFT)	(a) See note "K"
25005 - 25010 STANDARD FREQUENCY AND TIME SIGNAL Space research			
25010 - 25070 FIXED MOBILE except aeronautical mobile	25010 - 25070 FIXED	25010 - 25070 (a) Fixed	(a) See note "K"

kHz
25070 - 26175

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
25070 - 25210 MARITIME MOBILE	25070 - 25210 MARITIME MOBILE	25070 - 25210 (a) Maritime Mobile	(a) See note "B"
25210 - 25550 FIXED MOBILE except aeronautical mobile	25210 - 25550 FIXED	25210 - 25550 (a) Fixed	(a) See note "K"
25550 - 25670 RADIO ASTRONOMY	25550 - 25670 RADIO ASTRONOMY	25550 - 25670 (a) Radio Astronomy	(a) See note "B"
25670 - 26100 BROADCASTING	25670 - 26100 BROADCASTING	25670 - 26100 (a) Broadcasting	(a) See note "L"
26100 - 26175 MARITIME MOBILE	26100 - 26175 MARITIME MOBILE	26100 - 26175 (a) Maritime Mobile	(a) See note "B"

kHz
26175 - 29700

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
26175 - 27500 FIXED MOBILE except aeronautical mobile [1]	26175 - 26957 FIXED	26175 - 26957 (a) Fixed	(a) 85% of the frequency channels in the band are vacant.
	26957 - 27283 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) MOBILE except aeronautical mobile	26957 - 27283 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus 26960 - 27280 kHz [2] (c) Citizens Band Radio 26960 - 27283 kHz	(a) See note "B" (b) See note "J" (c) See note "J"
	27283 - 27500 FIXED MOBILE except aeronautical mobile	27283 - 27500 (a) Fixed (b) Citizens Band Radio 27283 - 27410 kHz	(a) See note "K" (b) See note "J"
27500 - 28000 METEOROLOGICAL AIDS FIXED MOBILE	27500 - 28000 TO BE PLANNED	27500 - 28000	See note "I"
28000 - 29700 AMATEUR AMATEUR-SATELLITE	28000 - 29700 AMATEUR AMATEUR-SATELLITE	28000 - 29700 (a) Amateur (b) Amateur-Satellite	(a)&(b) See note "B"

[1] The band 26957 - 27283 kHz (centre frequency 27120 kHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications

[2] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

MHz
29.7- 33

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
29.7 - 30.005 FIXED MOBILE	29.7 - 31.7 FIXED MOBILE	29.7 - 30.005	See note "K"
30.005 - 30.01 SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH		30.005 - 30.01 (a) Satellite Identification	(a) See note "B"
30.01 - 33 FIXED MOBILE		30.01 - 31.7	See note "K"
	31.7 - 33 LAND MOBILE	31.7 - 32.5 (a) Mobile Radio Systems (Low power) Single-frequency simplex 12.5 kHz channel spacing 5W erp maximum (b) Demonstration frequency 32.125 MHz 25 kHz channel spacing 25W erp maximum	(a) 84% of the frequency channels in the band are vacant. (b) See note "B"
		32.5 - 33 (a) On-site paging 25 kHz channel spacing 5W erp maximum	(a) 30% of the frequency channels in the band are vacant.

MHz
33 - 37.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
33 - 37.5 FIXED MOBILE	33 - 36.5 FIXED LAND MOBILE	33 - 36.5 (a) Government (b) Wireless microphone frequencies 33.14 MHz 20mW erp maximum 36.40 MHz 20mW erp maximum 50 kHz channel spacing (c) Telecommunications Apparatus 33 - 33.28 MHz 35.145 - 35.225 MHz 36.26 - 36.54 MHz [1]	(a) See note "C" (b) See note "B" (c) See note "J"
	36.5 - 37 LAND MOBILE	36.5 - 37.5 (a) Government (b) Wireless microphone frequencies 36.55 MHz 20 mW erp maximum 36.70 MHz 20 mW erp maximum 36.85 MHz 20 mW erp maximum (c) Telecommunications Apparatus 36.41 - 36.69 MHz 36.71 - 36.99 MHz [1]	(a) See note "C" (b) See note "B" (c) See note "J"
	37 - 37.5 FIXED LAND MOBILE	37 - 37.5 (a) Government (b) Wireless microphone frequencies 37.10 MHz 20 mW erp maximum (c) Telecommunications Apparatus 36.96 - 37.24 MHz [1]	(a) See note "C" (b) See note "B" (c) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

MHz
37.5 - 45.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
37.5 - 38.25 FIXED MOBILE Radio astronomy	37.5 - 40.66 FIXED LAND MOBILE	37.5 - 40.66 (a) Government	(a) See note "C"
38.25 - 39.986 FIXED MOBILE			
39.986 - 40.02 FIXED MOBILE Space research			
40.02 - 40.98 FIXED MOBILE [1]	40.66 - 40.7 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	40.66 - 40.7 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [2] (c) Wireless microphone frequency 40.68 MHz 20 mW erp maximum	(a) See note "B" (b) See note "J" (c) See note "B"
40.98 - 41.015 FIXED MOBILE Space research	40.7 - 45.5 FIXED LAND MOBILE	40.7 - 45.5 (a) Government (b) Wireless microphone frequencies 42.89 MHz 20mW erp maximum 44.87 MHz 20mW erp maximum (c) Telecommunications Apparatus 42.75 - 43.03 MHz 43.71 - 44.49 MHz [2] (d) Cordless helmet communication frequency 42.975 MHz	(a) See note "C" (b) See note "B" (c) See note "J" (d) See note "B"
41.015 - 45.5 FIXED MOBILE			

[1] The band 40.66 - 40.70 MHz (centre frequency 40.68 MHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications

[2] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

MHz
45.5 - 50

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
45.5 - 47 FIXED MOBILE	45.5 - 47 LAND MOBILE	45.5 - 47 (a) Government (b) Telecommunications Apparatus 46.6 - 46.98 MHz [1]	(a) See note "C" (b) See note "J"
47 - 50 FIXED MOBILE BROADCASTING	47 - 48 FIXED LAND MOBILE	47 - 48 (a) Government (b) Wireless microphone frequency 47.27 MHz 20mW erp maximum (c) Telecommunications Apparatus 47.13 - 47.41 MHz 47.43 - 47.56 MHz [1]	(a) See note "C" (b) See note "B" (c) See note "J"
	48 - 50 LAND MOBILE	48 - 50 (a) Government (b) Telecommunications Apparatus 48.75 - 50 MHz [1]	(a) See note "C" (b) See note "J"

[1] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

MHz
50 - 54

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
50 - 54 AMATEUR	50 - 51.5 AMATEUR	50 - 51.5 (a) Amateur 50.00 - 51.50 MHz	(a) See note "B"
	51.5 - 52.85 AMATEUR FIXED LAND MOBILE	51.5 - 52.85 (a) Amateur 52.025 - 52.11 MHz (b) Government	(a) See note "B" (b) See note "C"
	52.85 - 54 LAND MOBILE	52.85 - 54 (a) Government	(a) See note "C"

MHz
54 - 70

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>54 - 68 FIXED MOBILE BROADCASTING</p>	<p>54 - 70 LAND MOBILE</p>	<p>54 - 66 (a) Government (b) Wireless microphone frequency (Audio aids common frequency) 55.5 MHz 20 mW erp maximum (c) Demonstration frequency 55.6 MHz 25 kHz channel spacing 25 W erp maximum</p>	<p>(a) See note "C" (b) See note "B" (c) See note "B"</p>
<p>68 - 70 FIXED MOBILE</p>		<p>66 - 67.5 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum</p>	<p>(a) 50% of the frequency channels in the band are vacant.</p>
		<p>67.5 - 70 (a) Mobile Radio Systems Two-frequency simplex (base receive) Paired with 72.3 - 74.8 MHz 12.5 kHz channel spacing 25 W erp maximum</p>	<p>(a) 56% of the frequency channels in the band are vacant.</p>

MHz
70 - 76.7

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
70 - 74.8 FIXED MOBILE	70 - 71.5 FIXED LAND MOBILE	70 - 72.3 (a) Government (b) Open Channel frequencies (MHz), limited to Mobiles/Portables only 70.0500 70.0625 70.0750 70.0875 70.1000 70.1125 70.1250 12.5 kHz channel spacing 25 W erp maximum (c) Telecommunications Apparatus 72.00 - 72.02 MHz, 72.12 - 72.14 MHz, 72.16 - 72.22 MHz, 72.26 - 72.28 MHz [1]	(a) See note "C" (b) See note "B" (c) See note "J"
	71.5 - 74.8 LAND MOBILE	72.3 - 74.8 (a) Mobile Radio Systems Two-frequency simplex (base transmit) Paired with 67.5 - 70 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Demonstration frequency 72.4 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 55% of the frequency channels in the band are vacant. (b) See note "B"
	74.8 - 75.2 AERONAUTICAL RADIONAVIGATION	74.8 - 75.2 AERONAUTICAL RADIONAVIGATION	74.8 - 75.2 (a) Aeronautical Radionavigation
75.2 - 76.7 FIXED MOBILE	75.2 - 76.7 FIXED LAND MOBILE	75.2 - 76.7 (a) Government	(a) See note "C"

[1] Details are given in the Telecommunications (Telecommunications Apparatus (Exemption from Licensing) Order.

MHz
76.7 - 87

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
76.7 - 87 FIXED MOBILE	76.7 - 84 LAND MOBILE	76.7 - 78.7 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 81.2 - 83.2 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 61% of the frequency channels in the band are vacant.
		78.7 - 79.5 (a) Government (b) Two-frequency simplex (hilltop transmit) paired with 83.2 - 84 MHz. 12.5 kHz channel spacing 25 W erp maximum	(a)&(b) 53% of the frequency channels in the band are vacant.
		79.5 - 80.55 (a) Government	(a) See note "C"
		80.55 - 81.2 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 65% of the frequency channels in the band are vacant.
		81.2 - 83.2 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 76.7 - 78.7 MHz. 12.5 kHz channel spacing 25 W erp maximum	(a) 61% of the frequency channels in the band are vacant.
		83.2 - 84 (a) Government (b) Two-frequency simplex (hilltop receive) paired with 78.7 - 79.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a)&(b) 51% of the frequency channels in the band are vacant.
	84 - 87 FIXED LAND MOBILE	84 - 87 (a) Government	(a) See note "C"

MHz
87 - 108

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
87 - 100 FIXED MOBILE BROADCASTING	87 - 108 BROADCASTING	87 - 108 (a) FM Sound Broadcasting	(a) See note "D"
100 - 108 BROADCASTING			

MHz
108 - 137

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
108 - 117.975 AERONAUTICAL RADIONAVIGATION [1]	108 - 117.975 AERONAUTICAL RADIONAVIGATION	108 - 117.975 (a) Aeronautical Radionavigation	(a) See note "C"
117.975 - 137 AERONAUTICAL MOBILE (R)	117.975 - 137 AERONAUTICAL MOBILE	117.975 - 137 (a) Aeronautical mobile services (b) Search and Rescue (121.5 MHz)	(a) 76% of the frequency channels in the band are vacant. (b) See note "B"

[1] The band 108 - 117.975 MHz may also be used by aeronautical mobile (R) service on a primary basis limited to systems that transmit navigational information in support of air navigation and surveillance functions. Such use shall not cause harmful interference to nor claim protection from stations of aeronautical radionavigation service

MHz
137 - 138

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
137 - 137.025 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R)	137 - 138 METEOROLOGICAL-SATELLITE (space-to-Earth)	137 - 138 (a) Meteorological-satellite	(a) See note "B"
137.025 - 137.175 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) Mobile except aeronautical mobile (R)			
137.175 - 137.825 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R)			
137.825 - 138 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) Mobile except aeronautical mobile (R)			

MHz
138 - 144

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
138 - 143.6 FIXED MOBILE Space research (space-to-Earth)	138 - 143.6 LAND MOBILE	138 - 142 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 150.75 - 154.75 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 40% of the frequency channels in the band are vacant.
		142 - 142.8 (a) Government	(a) See note "C"
		142.8 - 143 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 1 W erp maximum (b) Common Channel frequencies for Portable systems (MHz) 142.8250 142.8375 142.8500 142.8625 142.8750 142.8875 142.9000 142.9125 142.9250 142.9500 142.9625 142.9750 142.9875 12.5 kHz channel spacing 1 W erp maximum	(a) See note "B" (b) See note "B"
		143 - 143.6 (a) Government (b) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 148 - 148.6 MHz. 12.5 kHz channel spacing 25 W erp maximum	(a)&(b) 66% of the frequency channels in the band are vacant.
143.6 - 143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth)	143.6 - 144 LAND MOBILE Space research (space-to-Earth)	143.6 - 143.65 (a) Space research (space-to-Earth)	(a) See note "B"
143.65 - 144 FIXED MOBILE Space research (space-to-Earth)		143.65 - 144 (a) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing 1 W erp maximum (b) Common Channel frequencies for Portable systems (MHz) 143.8375 143.8750 143.9125 143.9250 143.9375 143.9625 143.9875 12.5 kHz channel spacing 1 W erp maximum	(a) 10% of the frequency channels in the band are vacant. (b) See note "B"

MHz
144 - 149.9

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
144 - 146 AMATEUR AMATEUR-SATELLITE	144 - 146 AMATEUR AMATEUR-SATELLITE	144 - 146 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
146 - 148 AMATEUR FIXED MOBILE	146 - 149.9 LAND MOBILE	146 - 148 (a) Government	(a) See note "C"
148 - 149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) [1]		148 - 148.6 (a) Government (b) Mobile Radio Systems Two-frequency simplex (base receive) paired with 143 - 143.6 MHz 12.5 kHz channel spacing 25 W erp maximum	(a)&(b) 64% of the frequency channels in the band are vacant.
		148.6 - 148.65	See note "K"
		148.65 - 149.9 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 154.75 - 156 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Open Channel frequencies (MHz), limited to Mobiles/Portables only 149.3375 149.3500 149.3625 149.3750 149.3875 149.4000 149.4125 149.4250 149.4375 149.4500 149.4625 149.4750 149.4875 149.5375 149.5500 Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (c) Common Channel frequencies for Portable systems (MHz) 149.0250 149.0375 149.0500 149.2750 149.3000 149.3125 149.3250 149.5000 149.5250 149.7625 149.7750 149.7875 12.5 kHz channel spacing 1 W erp maximum	(a) 49% of the frequency channels in the band are vacant. (b) See note "B" (c) See note "B"

[1] The band 148 - 149.9 MHz is also allocated to the space operation service (Earth-to-space) on a primary basis.

MHz
149.9 - 158

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
149.9 - 150.05 MOBILE-SATELLITE (Earth-to-space) [1] RADIONAVIGATION-SATELLITE [2]	149.9 - 150.05 RADIONAVIGATION SATELLITE	149.9 - 150.05 (a) Radionavigation satellite	(a) See note "B"
150.05 - 156.7625 FIXED MOBILE	150.05 - 156 LAND MOBILE	150.05 - 150.75 (a) Government	(a) See note "C"
		150.75 - 154.75 (a) Mobile Radio Systems Two-frequency simplex (base transmit) Paired with 138 - 142 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 40% of the frequency channels in the band are vacant.
		154.75 - 156 (a) Mobile Radio Systems Two-frequency simplex (base transmit) Paired with 148.65 - 149.9 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Demonstration frequency (155.9 MHz) 12.5 kHz channel spacing 25 W erp maximum	(a) 47% of the frequency channels in the band are vacant. (b) See note "B"
156.7625 - 156.8375 MARITIME MOBILE (distress and calling)	156 - 158 MARITIME MOBILE	156 - 157.45 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
156.8375 - 158 FIXED MOBILE		157.45 - 158 (a) Maritime mobile (private channels) 25 kHz channel spacing 25 W erp maximum	(a) 36% of the frequency channels in the band are vacant.

[1] The use of the band 149.9 - 150.05 MHz by the mobile-satellite service (Earth-to-space) is limited to the land mobile-satellite service (Earth-to-space) until 1 January 2015.

[2] The allocation of the band 149.9 - 150.05 MHz to the radionavigation-satellite service shall be effective until 1 January 2015.

MHz
158 - 163

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
158 - 163 FIXED MOBILE	158 - 160.6 LAND MOBILE MARITIME MOBILE	158 - 158.825 (a) MOBILE Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum (b) Maritime mobile (private channels) 25 kHz channel spacing 25 W erp maximum	(a)&(b) 65% of the frequency channels in the band are vacant.
		158.825 - 159.3875	See note "K"
		159.3875 - 160.6 (a) MOBILE Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25W erp maximum	(a) 53% of the frequency channels in the band are vacant.
	160.6 - 163 MARITIME MOBILE	160.6 - 160.975 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
		160.975 - 161.475	See note "K"
		161.475 - 162.05 (a) Hague Plan 25 kHz channel spacing 25 W erp maximum	(a) See note "B"
		162.05 - 163 (a) Mobile Radio Systems (marine fleet) Single-frequency simplex 12.5 kHz channel spacing 25 W erp maximum	(a) 93% of the frequency channels in the band are vacant.

MHz
163 - 174

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
163 - 174 FIXED MOBILE	163 - 174 LAND MOBILE	163 - 165 (a) Government	(a) See note "C"
		165 - 167.5 (a) Mobile Radio Systems Two-frequency simplex (base receive) paired with 169.5 - 172 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 72% of the frequency channels in the band are vacant.
		167.5 - 168.5 (a) Government (b) Mobile Radio Systems Single-frequency simplex 12.5 kHz channel spacing	(a)&(b) 46% of the frequency channels in the band are vacant.
		168.5 - 169.5 (a) Government	(a) See note "C"
		169.5 - 172 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 165 - 167.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 72% of the frequency channels in the band are vacant.
		172 - 173 (a) Public Paging 25 kHz channel spacing 25 W erp maximum	(a) 67% of the frequency channels in the band are vacant.
		173 - 174 (a) Government	(a) See note "C"

MHz
174 - 184

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
174 - 184 FIXED MOBILE BROADCASTING	174 - 184 FIXED LAND MOBILE	174 - 175 (a) Wireless microphones 75 kHz channel spacing 20 mW erp maximum (b) Telecommunications Apparatus 173.96 - 174.24 MHz [1]	(a) See note "B" (b) See note "J"
		175 - 175.5 (a) Common Channel frequencies for Portable Systems (MHz) 175.3750 175.3875 175.4000 175.4125 175.4250 175.4375 175.4500 175.4625 175.4750 175.4875 12.5 kHz channel spacing 1 W erp maximum	(a) See note "B"
		175.5 - 176.5 (a) Fixed paired with 180.5 - 181.5 MHz 25 kHz channel spacing	(a) See note "G"
		176.5 - 182.5 (a) Community Repeater Two-frequency simplex (repeater transmit) Paired with 191.5 - 197.5 MHz 12.5 kHz channel spacing 25 W erp maximum (b) Fixed 180.5 - 181.5 MHz Paired with 175.5 - 176.5 MHz 25 kHz channel spacing (c) Demonstration frequency 179.7875 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 86% of the frequency channels in the band are vacant. (b) See note "G" (c) See note "B"
		182.5 - 184	See note "K"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
184 - 235

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
184 - 223 FIXED MOBILE BROADCASTING	184 - 197.5 FIXED LAND MOBILE	184 - 191.5 (a) Low power telemetry systems (b) Studio wireless intercommunication service 184 - 185.4 MHz (c) Telecommunications Apparatus 187.5 - 188.0 MHz [1]	(a) See note "B" (b) See note "B" (c) See note "J"
		191.5 - 197.5 (a) Community Repeater Two-frequency simplex (repeater receive) paired with 176.5 - 182.5 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 88% of the frequency channels in the band are vacant.
	197.5 - 215 TO BE PLANNED	197.5 - 215	See note "I"
	215 - 235 FIXED MOBILE	215 - 226 (a) Studio and Outside Broadcast (OB) Links	215 - 223 (a) 64% of the frequency channels in the band are vacant. See note "M" 216 - 223 MHz under Spectrum Release Plan.
226 - 235 (a) Mobile Radio Systems Two-frequency simplex 226.5 - 227.4875 MHz paired with 233.5 - 234.4875 MHz 12.5kHz channel spacing 25W erp maximum Single-frequency simplex 228 - 229.7375 MHz 12.5kHz channel spacing 25W erp maximum			(a) 90% of the frequency channels in the band are vacant.
223 - 230 FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation			
230 - 235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
235 - 335.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
235 - 267 FIXED MOBILE	235 - 322 FIXED MOBILE	235 - 239	See note "K"
267 - 272 FIXED MOBILE Space operation (space-to-Earth) [1]		239 - 279 (a) Government (b) Search and Rescue (243 MHz) (c) Telecommunications Apparatus 253.85 - 255 MHz paired with 380.2 - 381.325 MHz, 266.75 - 267.25 MHz [2]	(a) See note "C" (b) See note "B" (c) See note "J"
272 - 273 SPACE OPERATION (space-to-Earth) FIXED MOBILE		279 - 281 (a) Public Paging 25 kHz channel spacing 100 W erp maximum	(a) 40% of the frequency channels in the band are vacant.
273 - 312 FIXED MOBILE		281 - 311.3 (a) Government	(a) See note "C"
312 - 315 FIXED MOBILE Mobile-satellite (Earth-to-space)		311.3 - 322 (a) Telecommunications Apparatus 313.75 - 314.25 MHz and 314.75 - 315.25 MHz [2]	(a) See note "J"
315 - 322 FIXED MOBILE			
322 - 328.6 FIXED MOBILE RADIO ASTRONOMY	322 - 328.6 TO BE PLANNED	322 - 328.6	See note "I"
328.6 - 335.4 AERONAUTICAL RADIONAVIGATION	328.6 - 335.4 AERONAUTICAL RADIONAVIGATION	328.6 - 335.4 (a) Aeronautical radionavigation	(a) See note "C"

[1] The band 267 - 272 MHz may be used for space telemetry on a primary basis

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
335.4 - 402

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
335.4 - 387 FIXED MOBILE	335.4 - 399.9 FIXED MOBILE	335.4 - 399.9 (a) Government (b) Telecommunications Apparatus 253.85 - 255 MHz paired with 380.2 - 381.325 MHz [3]	(a) See note "C" (b) See note "J"
387 - 390 FIXED MOBILE Mobile-satellite (space-to-Earth)			
390 - 399.9 FIXED MOBILE			
399.9 - 400.05 MOBILE-SATELLITE (Earth-to-space) [1] RADIONAVIGATION-SATELLITE [2]	399.9 - 400.05 RADIONAVIGATION-SATELLITE	399.9 - 400.05 (a) Radionavigation-satellite	(a) See note "B"
400.05 - 400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz)	400.05 - 400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE	400.05 - 400.15 (a) Standard frequency and time signal-satellite	(a) See note "K"
400.15 - 401 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Space operation (space-to-Earth)	400.15 - 401 METEOROLOGICAL AIDS	400.15 - 402 (a) Radiolocation	(a) See note "B"
401 - 402 METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile			

[1] The use of the band 399.9 - 400.05 MHz by the mobile-satellite service (Earth-to-space) is limited to the land mobile-satellite service (Earth-to-space) until 1 January 2015.

[2] The allocation of the band 399.9 - 400.05 MHz to the radionavigation-satellite service shall be effective until 1 January 2015.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
402 - 430

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
402 - 403 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	402 - 403 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Mobile except aeronautical mobile	402 - 406 (a) Meteorological aids (Radiosonde) (b) Medical Implant Communication System 402 - 405 MHz	(a) See note "C" (b) See note "J"
403 - 406 METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	403 - 405 METEOROLOGICAL AIDS Mobile except aeronautical mobile		
	405 - 406 METEOROLOGICAL AIDS		
406 - 406.1 MOBILE-SATELLITE (Earth-to-space)	406 - 406.1 MOBILE-SATELLITE	406 - 406.1 (a) Emergency position indicating radio beacons (EPIRB)	(a) See note "B"
406.1 - 410 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	406.1 - 430 FIXED LAND MOBILE	406.1 - 430 (a) Government (b) Telecommunications Apparatus 409.74 - 410 MHz [1]	(a) See note "C" (b) See note "J"
410 - 420 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space)			
420 - 430 FIXED MOBILE except aeronautical mobile Radiolocation			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
430 - 458.85

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
430 - 432 RADIOLOCATION Amateur	430 - 440 RADIOLOCATION Amateur	430 - 440 (a) Amateur 430.0 - 431.0 MHz, 435.0 - 440.0 MHz (b) Amateur-satellite service 435 - 438 MHz (c) Radiolocation 431.0 - 435.0 MHz, 436.0 - 440.0 MHz (d) Radio Frequency Identification Tag 433.92 MHz	(a) See note "B" (b) See note "B" (c) See note "B" (d) See note "J"
* 432 - 438 RADIOLOCATION Amateur Earth exploration-satellite (active) [1]			
438 - 440 RADIOLOCATION Amateur			
440 - 450 FIXED MOBILE except aeronautical mobile Radiolocation	440 - 458.85 LAND MOBILE	440 - 458 (a) Government (b) Mobile Radio Systems (on site repeater systems) 25 kHz channel spacing 1W erp maximum Frequencies :- Base transmit/Base receive (MHz) 448.1250 / 440.0250 448.1500 / 440.0500 448.2250 / 440.1250 448.3500 / 440.2500 448.6750 / 440.4750	(a)&(b) 24% of the frequency channels in the band are vacant.
450 - 458.85 FIXED MOBILE			

[1] Amateur-satellite service may operate in 435 - 438 MHz subject to not causing harmful interference to other services operating in accordance with the Table

MHz
458.85 - 460

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
458.85 - 460 FIXED MOBILE	458.85 - 460 LAND MOBILE	458.85 - 459 (a) On site paging Frequencies (MHz) :- 458.850 458.925 458.875 458.900 458.950 458.975 25 kHz channel spacing 2 W erp maximum	(a) See note "G"
		459 - 459.5 (a) Government (b) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 464 - 464.5 MHz. 25 kHz channel spacing	(a)&(b) See note "G"
		459.5 - 460 (a) Government	(a) See note "C"

MHz
460 - 465

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>460 - 465 FIXED MOBILE Meteorological-satellite (space-to-Earth)</p>	<p>460 - 465 LAND MOBILE</p>	<p>460 - 464 (a) Government (b) Mobile Radio Systems Single-frequency simplex 25 kHz channel spacing (c) Common Channel frequencies for Portable systems (MHz) 460.850 462.850 462.925 463.100 463.375 463.400 463.900 25 kHz channel spacing 1 W erp maximum</p>	<p>(a)&(b) 10% of the frequency channels in the band are vacant. (c) See note "B"</p>
		<p>464 - 465 (a) Government (b) Mobile Radio Systems Two-frequency simplex (base receive) paired with 459 - 459.5 MHz 25 kHz channel spacing</p>	<p>(a)&(b) See note "G"</p>

MHz
465 - 470

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
465 - 470 FIXED MOBILE Meteorological-satellite (space-to-Earth)	465 - 470 LAND MOBILE	465 - 466 (a) MOBILE Radio Systems Two-frequency simplex (base receive) paired with 469 - 470 MHz. 25 kHz channel spacing (b) Demonstration frequency (465.5 MHz) 25 kHz channel spacing 25 W erp maximum	(a) 45% of the frequency channels in the band are vacant. (b) See note "B"
		466 - 469 (a) Government (b) Mobile Radio Systems 25 kHz channel spacing	(a)&(b) 63% of the frequency channels in the band are vacant.
		469 - 470 (a) Mobile Radio Systems Two-frequency simplex (base transmit) paired with 465 - 466 MHz. 25 kHz channel spacing	(a) 45% of the frequency channels in the band are vacant.

MHz
806 - 835

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
806 - 835 FIXED MOBILE BROADCASTING [1] [2]	806 - 835 LAND MOBILE	806 - 818 (a) Conventional or Trunked Mobile Radio System & Mobile Data Systems (repeater receive) paired with 851 - 863 MHz. 25 kHz channel spacing 100 W erp maximum	(a) 33% of the frequency channels in the band are vacant.
		818 - 819.1 (a) Cross border Trunked Radio System (repeater receive) paired with 863 - 864.1 MHz 25 kHz channel spacing 100 W erp maximum	(a) 54% of the frequency channels in the band are vacant.
		819.1 - 825 (a) Telecommunications Apparatus 819.1 - 823.1 MHz [3] (b) 2-Way Paging 823.7 - 824 MHz (base receive) paired with 868.7 - 869 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) See note "J" (b) 33% of the frequency channels in the band are vacant.
		825 - 831.59	825 -832.5 MHz reserved for CDMA 2000
		831.59 - 834.09 (a) Mobile Service (base receive) paired with 876.59 - 879.09 MHz (CDMA) 1250 kHz channel spacing 100 W erp maximum	(a) 825 - 832.5 MHz reserved for CDMA 2000 See note "M" 832.5 MHz - 837.5 under Spectrum Release Plan.
		834.09 - 835	See note "M" 832.5 MHz - 837.5 under Spectrum Release Plan.

- [1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis
- [2] Administration wishing to implement the IMT-2000 may use those part of the band 806 - 960 MHz which are allocated to the mobile service on a primary basis

- [3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
835 - 870

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
835 - 870 FIXED MOBILE BROADCASTING [1] [2]	835 - 870 LAND MOBILE	835 - 851	See note "K" See note "M" 832.5 MHz - 837.5 under Spectrum Release Plan.
		851 - 863 (a) Conventional or Trunked Mobile Radio Systems & Mobile Data Systems (Repeater transmit) paired with 806 - 818 MHz 25 kHz channel spacing 100 W erp maximum	(a) 33% of the frequency channels in the band are vacant.
		863 - 864.1 (a) Cross border Trunked Radio System (repeater transmit) paired with 818 - 819.1 MHz 25 kHz channel spacing 100 W erp maximum	(a) 54% of the frequency channels in the band are vacant.
		864.1 - 868.1 (a) Telecommunications Apparatus 864.1 - 868.1 MHz 865 - 868 MHz [3]	(a) See note "J"
		868.1 - 870 (a) 2-Way Paging 868.7 - 869 MHz (base transmit) paired with 823.7 - 824 MHz 12.5 kHz channel spacing 25 W erp maximum	(a) 33% of the frequency channels in the band are vacant.

- [1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis
- [2] Administration wishing to implement the IMT-2000 may use those part of the band 806 - 960 MHz which are allocated to the mobile service on a primary basis

- [3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
870 - 925

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
870 - 905.1 FIXED MOBILE BROADCASTING [1] [2] [3]	870 - 925 LAND MOBILE	870 - 876.59	870 - 877.5 MHz reserved for CDMA 2000
		876.59 - 879.09 (a) Mobile Service (base transmit) paired with 831.59 - 834.09 MHz (CDMA) 1250 kHz channel spacing 100 W erp maximum	(a) 870 - 877.5 MHz reserved for CDMA 2000 See note "M" 877.5 - 882.5 MHz under Spectrum Release Plan.
		879.09 - 885	See note "M" 877.5 - 882.5 MHz under Spectrum Release Plan.
		885 - 890 (a) Mobile Service (base receive) paired with 930-935 MHz (EGSM) 200 kHz channel spacing 100 W erp maximum	See note "M" 885 - 890 MHz under Spectrum Release Plan.
		890 - 915 (a) Mobile Service (base receive) paired with 935 - 960 MHz (GSM) 200 kHz channel spacing 100 W erp maximum	(a) See note "E"
905.1 - 925 FIXED MOBILE BROADCASTING [2] [3]		915 - 925 (a) Telecommunications Apparatus 919.5 - 920.0 MHz 920 - 925 MHz [4]	(a) See note "J"

- [1] The band 806 - 890 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis
- [2] The band 890 -942 MHz is also allocated to the radiolocation service on a secondary basis.

- [3] Administration wishing to implement the IMT-2000 may use those part of the band 806 - 960 MHz which are allocated to the mobile service on a primary basis
- [4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
925 - 960

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
925 - 942 FIXED MOBILE BROADCASTING Radiolocation [1]	925 - 960 LAND MOBILE	925 - 930	See note "K"
		930 - 935 (a) Mobile Service (base transmit) paired with 885 - 890 MHz (EGSM). 200 kHz channel spacing 100 W erp maximum	See note "M" 930 - 935 MHz under Spectrum Release Plan.
942 - 960 FIXED MOBILE BROADCASTING [1] [2]		935 - 960 (a) Mobile Service (base transmit) paired with 890 - 915 MHz (GSM). 200 kHz channel spacing 100 W erp maximum	(a) See note "E"

[1] Administration wishing to implement the IMT-2000 may use those part of the band 806 - 960 MHz which are allocated to the mobile service on a primary basis

[2] The band 942 - 960 MHz is also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis

MHz
960 - 1260

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
960 - 1164 AERONAUTICAL RADIONAVIGATION	960 - 1164 AERONAUTICAL RADIONAVIGATION	960 - 1164 (a) Aeronautical radionavigation	(a) See note "C"
* 1164 - 1215 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) [1]	1164 - 1215 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	1164 - 1215 (a) Aeronautical radionavigation	(a) See note "C"
1215 - 1240 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active)	1215 - 1260 RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth)	1215 - 1260 (a) Radiolocation	(a) See note "B"
1240 - 1260 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur			

[1] Stations in the radionavigation-satellite service in the band 1164 - 1215 MHz shall operate in accordance with the provisions of Resolution 609 (WRC-03) and shall not claim protection from stations in the aeronautical radionavigation service in the band 960 - 1215 MHz.

MHz
1260 - 1400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1260 - 1300 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur [1]	1260 - 1300 RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth)	1260 - 1300 (a) Radiolocation	(a) See note "B"
1300 - 1350 AERONAUTICAL RADIONAVIGATION RADIOLOCATION RADIONAVIGATION-SATELLITE (Earth-to-space)	1300 - 1350 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	1300 - 1350 (a) Aeronautical radionavigation	(a) See note "C"
1350 - 1400 RADIOLOCATION	1350 - 1400 RADIOLOCATION	1350 - 1400 (a) Radiolocation	(a) See note "B"

[1] Amateur-satellite service may operate in 1260 - 1270 MHz subject to not causing harmful interference to other services operating in accordance with the Table. The use of the band 1260 - 1270 MHz by the amateur-satellite service is limited to Earth-to-space direction

MHz
1400 - 1525

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1400 - 1427 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	1400 - 1427 ALL EMISSIONS PROHIBITED	1400 - 1427 (a) All emissions prohibited	(a) See note "A"
1427 - 1429 SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile	1427 - 1429 TO BE PLANNED	1427 - 1429	See note "I"
1429 - 1452 FIXED MOBILE	1429 - 1518 FIXED	1429 - 1525 (a) Fixed (b) Telecommunications Apparatus 1518 - 1525 MHz [4]	(a) 40% of the frequency channels in the band are vacant. (b) See note "J" See note "M" 1466 - 1480 MHz under Spectrum Release Plan.
1452 - 1492 FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE			
1492 - 1518 FIXED MOBILE			
* 1518 - 1525 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) [2][3]			

[1] All emissions in the band 1400 - 1427 MHz are prohibited.

[2] The use of the band 1518 - 1525 MHz by the mobile-satellite service is subject to coordination under No. 9.11A. In the band 1518 - 1525 MHz, stations in the mobile-satellite service shall not claim protection from stations in the fixed service.

[3] For the use of the bands 1518 - 1525 MHz and 1668 - 1675 MHz by the mobile-satellite service, see Resolution 225 (WRC-03).

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1525 - 1535

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1525 - 1530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile	1525 - 1530 FIXED MOBILE-SATELLITE (space-to-Earth)	1525 - 1530 (a) Fixed (b) Telecommunications Apparatus 1525 - 1530 MHz [2]	(a) 80% of the frequency channels in the band are vacant. (b) See note "J"
1530 - 1535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Fixed Mobile [1]	1530 - 1535 MOBILE-SATELLITE (space-to-Earth)	1530 - 1535 (a) Telecommunications Apparatus 1530 - 1535 MHz [2]	(a) See note "J"

[1] Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, distress, urgency and safety communications of the Global Maritime Distress and Safety System (GMDSS).

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1535 - 1613.8

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1535 - 1559 MOBILE-SATELLITE (space-to-Earth) [1]	1535 - 1559 MOBILE-SATELLITE (space-to-Earth)	1535 - 1559 (a) Telecommunications Apparatus 1535 - 1559 MHz [3]	(a) See note "J"
1559 - 1610 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	1559 - 1610 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)	1559 - 1610 (a) Radionavigation-satellite	(a) See note "B"
1610 - 1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) [2]	1610 - 1613.8 MOBILE-SATELLITE (Earth-to-space)	1610 - 1613.8 (a) Telecommunications Apparatus 1610 - 1613.8 MHz [3]	(a) See note "J"
1610.6 - 1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) [2]			

[1] Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, distress, urgency and safety communications of the Global Maritime Distress and Safety System (GMDSS).

[2] The band 1610 - 1626.5 MHz is also allocated to the aeronautical mobile-satellite (R) service on a primary basis.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1613.8 - 1668

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1613.8 - 1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) Radiodetermination-satellite (Earth-to-space) [1]	1613.8 - 1626.5 MOBILE-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth)	1613.8 - 1626.5 (a) Telecommunications Apparatus 1613.8 - 1626.5 MHz [3]	(a) See note "J"
1626.5 - 1660 MOBILE-SATELLITE (Earth-to-space) [2]	1626.5 - 1660.5 MOBILE-SATELLITE (Earth-to-space)	1626.5 - 1660.5 (a) Telecommunications Apparatus 1626.5 - 1660.5 MHz [3]	(a) See note "J"
1660 - 1660.5 MOBILE-SATELLITE (Earth-to-space)			
1660.5 - 1668 RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	1660.5 - 1668 RADIO ASTRONOMY	1660.5 - 1668 (a) Radio astronomy	(a) See note "B"

[1] The band 1610 - 1626.5 MHz is also allocated to the aeronautical mobile-satellite (R) service on a primary basis.

[2] Use of the band 1645.5-1646.5 MHz by the mobile-satellite service is limited to distress and safety communications.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1668 - 1700

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
* 1668 - 1668.4 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile [1][2]	1668 - 1668.4 RADIO ASTRONOMY MOBILE-SATELLITE (Earth-to-space)	1668 - 1668.4 (a) Radio astronomy (b) Telecommunications Apparatus 1668 - 1668.4 MHz [3]	(a) See note "B" (b) See note "J"
* 1668.4 - 1670 METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY [1][2]	1668.4 - 1670 MOBILE-SATELLITE (Earth-to-space)	1668.4 - 1675 (a) Telecommunications Apparatus 1668.4 - 1675 MHz [3]	(a) See note "J"
* 1670 - 1675 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space) [1][2]	1670 - 1675 MOBILE-SATELLITE (Earth-to-space)		
1675 - 1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	1675 - 1700 METEOROLOGICAL-SATELLITE (space-to-Earth)	1675 - 1700 (a) Meteorological-satellite	(a) See note "B"
1690 - 1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth)			

[1] For the use of the bands 1518 - 1525 MHz and 1668 - 1675 MHz by the mobile-satellite service, see Resolution 225 (WRC-03).

[2] The use of the band 1668 -1675 MHz by the mobile-satellite service is subject to coordination under No. 9.11A.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
1700 - 2110

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
1700 - 1710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	1700 - 1710 METEOROLOGICAL-SATELLITE (space-to-Earth)	1700 - 1710 (a) Meteorological-satellite	(a) See note "B"
1710 - 1885 FIXED MOBILE [1]	1710 - 1980 FIXED MOBILE	1710 - 2110 (a) Personal Communication Services (PCS) 1710 -1785 MHz paired with 1805 - 1880 MHz 200 kHz channel spacing 100W erp maximum (b) Telecommunications Apparatus 1880 - 1900 MHz, 1895 - 1906.1 MHz, 1980 - 2010 MHz [3] (c) 3G Mobile Service 1920.3 - 1979.7 MHz / 2110.3 - 2169.7 MHz (Paired band) 1904.9 - 1919.9 MHz & 2019.7 - 2024.7 MHz (Unpaired band) (d) Electronic News Gathering (ENG) Links/Outside Broadcast (OB) Links 2025 - 2110 MHz	(a) See note "E"
1885 - 1980 FIXED MOBILE [2]			(b) See note "J"
1980 - 2010 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) [2]	1980 - 2010 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)		(c) See note "E"
2010 - 2025 FIXED MOBILE [2]	2010 - 2110 FIXED MOBILE		(d) See note "F" 33% of the frequency channels are vacant.
2025 - 2110 SPACE-OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE SPACE-RESEARCH (Earth-to-space) (space-to-space)			See note "M" 1780.1 - 1785 MHz, 1875.1 - 1880 MHz, 2010 - 2019.7 MHz under Spectrum Release Plan.

[1] ITU identified the band 1710 -1885 MHz for use by administrations wishing to implement the International Mobile Telecommunications - 2000 (IMT-2000).

[2] The band 1885 - 2025 MHz is intended for use, on a worldwide basis, by administrations wishing to implement the IMT-2000.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
2110 - 2300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2110 - 2120 FIXED MOBILE SPACE RESEARCH (deep space) (Earth-to-space) [1]	2110 - 2170 FIXED MOBILE	2110 - 2170 (a) 3G Mobile Service 1920.3 - 1979.7 MHz / 2110.3 - 2169.7 MHz (Paired band) 1904.9 - 1919.9 MHz & 2019.7 - 2024.7 MHz (Unpaired band)	(a) See note "E"
2120 - 2160 FIXED MOBILE [1]			
2160 - 2170 FIXED MOBILE [1]			
2170 - 2200 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) [1]	2170 - 2200 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)	2170 - 2200 (a) Telecommunications Apparatus 2170 - 2200 MHz [2]	(a) See note "J"
2200 - 2290 SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE SPACE RESEARCH (space-to-Earth) (space-to-space)	2200 - 2290 FIXED MOBILE	2200 - 2290 (a) Electronics News Gathering (ENG)/Outside Broadcast (OB) links	(a) See note "E"
2290 - 2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	2290 - 2300 FIXED	2290 - 2300 (a) Government	(a) See note "C"

[1] The band 2110 - 2200 MHz is intended for use, on a worldwide basis, by administrations wishing to implement the International Mobile Telecommunications - 2000 (IMT-2000). Such use does not preclude the use of this band by other services to which it is allocated.

[2] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
2300 - 2655

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2300 - 2450 FIXED MOBILE RADIOLOCATION Amateur [1][2]	2300 - 2400 FIXED MOBILE	2300 - 2400	See note "M" 2300 - 2390 MHz under Spectrum Release Plan.
2450 - 2483.5 FIXED MOBILE RADIOLOCATION [1]	2400 - 2483.5 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	2400 - 2483.5 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Telecommunications Apparatus [4] (c) Amateur-satellite 2400 - 2450 MHz	(a) See note "B" (b) See note "J" (c) See note "B"
2483.5 - 2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION Radiodetermination-satellite (space-to-Earth) [1]	2483.5 - 2500 MOBILE-SATELLITE (space-to-Earth)	2483.5 - 2500 (a) Mobile-satellite (b) Telecommunications Apparatus 2483.5 - 2500 MHz [4]	(a) See note "B" (b) See note "J"
2500 - 2520 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [3] MOBILE-SATELLITE (space-to-Earth)	2500 - 2655 FIXED MOBILE	2500 - 2655	See note "M" 2500 - 2690 MHz under Spectrum Release Plan.
2520 - 2535 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [3] BROADCASTING-SATELLITE			
2535 - 2655 FIXED MOBILE except aeronautical mobile [3] BROADCASTING-SATELLITE			

[1] The band 2400 - 2500 MHz (centre frequency 2450 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[2] Amateur-satellite service may operate in 2400 - 2450 MHz subject to not causing harmful interference to other services operating in accordance with the Table.

[3] ITU identified the band 2500 - 2690 MHz for use by administration wishing to implement the International Mobile Telecommunications - 2000 (IMT-2000).

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
2655 - 3300

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
2655 - 2670 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] BROADCASTING-SATELLITE Earth exploration-satellite (passive) Radio astronomy Space research (passive)	2655 - 2690 FIXED MOBILE	2655 - 2690	See note "M" 2500 - 2690 MHz under Spectrum Release Plan.
2670 - 2690 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive)			
2690 - 2700 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]	2690 - 2700 ALL EMISSIONS PROHIBITED	2690 - 2700 (a) All emissions prohibited	(a) See note "A"
2700 - 2900 AERONAUTICAL RADIONAVIGATION Radiolocation	2700 - 2900 AERONAUTICAL RADIONAVIGATION METEOROLOGICAL AIDS	2700 - 2900 (a) Meteorological aids	(a) See note "C"
* 2900 - 3100 RADIONAVIGATION RADIOLOCATION [3]	2900 - 3300 RADIOLOCATION	2900 - 3300 (a) Radiolocation	(a) See note "B"
3100 - 3300 RADIOLOCATION Earth exploration satellite (active) Space research (active)			

[1] ITU identified the band 2500 - 2690 MHz for use by administration wishing to implement the International Mobile Telecommunications - 2000 (IMT-2000).
 [2] All emissions in the band 2690 - 2700 MHz are prohibited.

[3] In the band 2900 - 3100 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the radionavigation service.

MHz
3300 - 4800

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
3300 - 3400 RADIOLOCATION Amateur	3300 - 3400 RADIOLOCATION	3300 - 3400 (a) Radiolocation	(a) See note "B"
3400 - 3500 FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation [1][2]	3400 - 3700 FIXED-SATELLITE (space-to-Earth)	3400 - 3700 (a) Fixed-satellite	(a) See note "B"
3500 - 3700 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation [1]			
3700 - 4200 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	3700 - 4200 FIXED FIXED-SATELLITE (space-to-Earth)	3700 - 4200 (a) Fixed-satellite	(a) See note "B"
4200 - 4400 AERONAUTICAL RADIONAVIGATION	4200 - 4400 AERONAUTICAL RADIONAVIGATION	4200 - 4400	See note "C"
4400 - 4500 FIXED MOBILE	4400 - 4800 FIXED	4400 - 4800 (a) Fixed #	(a) 70% of the frequency channels in the band are vacant.
4500 - 4800 FIXED FIXED-SATELLITE (space to-Earth) MOBILE			

[1] According to the ITU, administrations shall take all practicable steps to protect the fixed-satellite service and coordination requirements shall not be imposed on the fixed-satellite service in this band.

[2] Amateur-satellite service may operate in 3400 - 3410 MHz subject to not causing harmful interference to other services operating in accordance with the Table.

MHz
4800 - 5250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
4800 - 4990 FIXED MOBILE Radio astronomy	4800 - 4940 FIXED	4800 - 4940 (a) Fixed #	(a) 71% of the frequency channels in the band are vacant.
	4940 - 4990 FIXED MOBILE	4940 - 4990 (a) Fixed # (b) Mobile	(a)&(b) See note "G"
4990 - 5000 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive)	4990 - 5000 RADIO ASTRONOMY	4990 - 5150	See note "K"
* 5000 - 5010 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	5000 - 5010 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)		
* 5010 - 5030 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)(space-to-space)	5010 - 5030 AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth)		
5030 - 5150 AERONAUTICAL RADIONAVIGATION	5030 - 5150 AERONAUTICAL RADIONAVIGATION		
* 5150 - 5250 AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile [1] [2] [3]	5150 - 5250 AERONAUTICAL RADIONAVIGATION MOBILE except aeronautical mobile		

[1] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile service shall be in accordance with Resolution 229 (WRC-03).

[2] The allocation to the fixed-satellite service (Earth-to-space) is limited to feeder links of non-geostationary satellite systems in the mobile-satellite service.

[3] In the band 5150 - 5250 MHz, stations in the mobile service shall not claim protection from earth stations in the fixed-satellite service.

[4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
5250 - 5470

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>* 5250 - 5255 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH MOBILE except aeronautical mobile [1] [2]</p>	<p>5250 - 5350 RADIOLOCATION MOBILE except aeronautical mobile</p>	<p>5250 - 5350 (a) Telecommunications Apparatus [4]</p>	<p>(a) See note "J"</p>
<p>* 5255 - 5350 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except aeronautical mobile [1] [2]</p>			
<p>* 5350 - 5460 EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) AERONAUTICAL RADIONAVIGATION RADIOLOCATION [3]</p>	<p>5350 - 5470 AERONAUTICAL RADIONAVIGATION</p>	<p>5350 - 5470</p>	<p>See note "C"</p>
<p>* 5460 - 5470 RADIONAVIGATION EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION [3]</p>			

- [1] The use of the bands 5150 - 5350 MHz and 5470 - 5725 MHz by the stations in the mobile service shall be in accordance with Resolution 229 (WRC-03).
- [2] In the band 5250 - 5350 MHz, stations in the mobile service shall not claim protection from the radiolocation service, the Earth exploration-satellite service (active) and the space service (active).

- [3] In the band 5350 - 5470 MHz, stations in the radiolocation service shall not cause harmful interference to radar systems in the aeronautical radionavigation service.
- [4] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
5470 - 5850

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>* 5470 - 5570 MARITIME RADIONAVIGATION MOBILE except aeronautical mobile EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION</p>	<p>5470 - 5725 RADIOLOCATION MOBILE except aeronautical mobile</p>	<p>5470 - 5725 (a) Radiolocation (b) Amateur-satellite 5650 - 5670 MHz (c) Telecommunications Apparatus [3]</p>	<p>(a) See note "B" (b) See note "B" (c) See note "J"</p>
<p>* 5570 - 5650 MARITIME RADIONAVIGATION MOBILE except aeronautical mobile RADIOLOCATION</p>			
<p>* 5650 - 5725 RADIOLOCATION MOBILE except aeronautical mobile Amateur [1] Space research (deep space)</p>			
<p>5725 - 5830 RADIOLOCATION Amateur [2]</p>	<p>5725 - 5850 INDUSTRIAL , SCIENTIFIC AND MEDICAL (ISM) Amateur</p>	<p>5725 - 5850 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Amateur (c) Telecommunications Apparatus [3]</p>	<p>(a) See note "B" (b) See note "B" (c) See note "J"</p>
<p>5830 - 5850 RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) [2]</p>			

[1] Amateur-satellite service may operate in 5650 - 5670 MHz subject to not causing harmful interference to other services operating in accordance with the Table. The use of the band 5650 - 5670 MHz by the amateur-satellite service is limited to Earth-to-space direction.

[2] The band 5725 - 5875 MHz (centre frequency 5800 MHz) is also designated for industrial, scientific and medical (ISM) applications.

[3] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

MHz
5850 - 7250

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
5850 - 5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation	5850 - 5875 FIXED FIXED-SATELLITE (Earth-to-space) INDUSTRIAL , SCIENTIFIC AND MEDICAL (ISM)	5850 - 5875 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Fixed (Point-to-multipoint Distribution Systems) (c) Fixed-satellite	(a) See note "B" (b) 40% of the frequency channels in the band are vacant. (c) See note "B"
	5875 - 7075 FIXED FIXED-SATELLITE (Earth-to-space)	5925 - 6700 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	5875 - 5950 (a) Fixed (Point-to-multipoint Distribution systems) (b) Fixed-satellite
6700 - 7075 FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) MOBILE	5950 - 6425 (a) Fixed-satellite		6425 - 7075 (a) Fixed #
	7075 - 7145 FIXED MOBILE	7075 - 7250 FIXED MOBILE	7075 - 7250 (a) Fixed # (b) Outside Broadcast (OB) Links
* 7145 - 7235 FIXED MOBILE SPACE RESEARCH (Earth-to-space)			
7235 - 7250 FIXED MOBILE			

MHz
7250 - 7900

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7250 - 7300 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE [1]	7250 - 7750 FIXED MOBILE	7250 - 7750 (a) Fixed # (b) Outside Broadcast (OB) Links	(a)&(b) 21% of the frequency channels in the band are vacant.
7300 - 7450 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [1]			
7450 - 7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [2]			
7550 - 7750 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile			
7750 - 7850 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile [3]			
7850 - 7900 FIXED MOBILE except aeronautical mobile	7750 - 7900 FIXED	7750 - 7900 (a) Fixed	(a) 25% of the frequency channels in the band are vacant.

- [1] The band 7250 - 7375 MHz is also allocated to the mobile-satellite (space-to-Earth) service on a primary basis.
- [2] The use of the band 7450 - 7550 MHz by the meteorological-satellite (space-to-Earth) service is limited to geostationary satellite systems

- [3] The use of the band 7750 - 7850 MHz by the meteorological-satellite (space-to-Earth) service is limited to non-geostationary satellite systems

MHz
7900 - 8750

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
7900 - 8025 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [1]	7900 - 8025 FIXED	7900 - 8025 (a) Fixed #	(a) 76% of the frequency channels in the band are vacant.
8025 - 8175 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	8025 - 8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED	8025 - 8400 (a) Earth-exploration satellite (b) Fixed #	(a) See note "B" (b) 71% of the frequency channels in the band are vacant.
8175 - 8215 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE			
8215 - 8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE			
8400 - 8500 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	8400 - 8500 FIXED	8400 - 8500 (a) Fixed #	(a) See note "G"
8500 - 8550 RADIOLOCATION	8500 - 8750 RADIOLOCATION	8500 - 8750 (a) Radiolocation	(a) See note "B"
8550 - 8650 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
8650 - 8750 RADIOLOCATION			

[1] The band 7900 - 8025 MHz is also allocated to the mobile-satellite (Earth-to-space) service on a primary basis.

MHz
8750 - 10500

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
8750 - 8850 RADIOLOCATION AERONAUTICAL RADIONAVIGATION	8750 - 8850 AERONAUTICAL RADIONAVIGATION	8750 - 8850	See note "C"
8850 - 9000 RADIOLOCATION MARITIME RADIONAVIGATION	8850 - 9000 MARITIME RADIONAVIGATION	8850 - 9000	See note "C"
9000 - 9200 AERONAUTICAL RADIONAVIGATION Radiolocation	9000 - 9200 AERONAUTICAL RADIONAVIGATION	9000 - 9200 (a) Aeronautical Radionavigation	(a) See note "C"
9200 - 9300 RADIOLOCATION MARITIME RADIONAVIGATION	9200 - 9300 MARITIME RADIONAVIGATION	9200 - 9300	See note "C"
9300 - 9500 RADIONAVIGATION Radiolocation	9300 - 9800 RADIOLOCATION RADIONAVIGATION	9300 - 9800 (a) Radiolocation (b) Radionavigation	(a) See note "B"
9500 - 9800 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)			(b) See note "C"
9800 - 10000 [1] RADIOLOCATION Fixed	9800 - 10150 TO BE PLANNED	9800 - 10150	See note "I"
10000 - 10450 [1] FIXED MOBILE RADIOLOCATION Amateur	10150 - 10300 FIXED	10150 - 10300 (a) Fixed #	(a) 95% of the frequency channels in the band are vacant.
	10300 - 10450 TO BE PLANNED	10300 - 10450	See note "I"
10450 - 10500 RADIOLOCATION Amateur Amateur-satellite	10450 - 10500 RADIOLOCATION Amateur Amateur-satellite	10450 - 10500 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"

[1] The band 9975 - 10025 MHz is also allocated to the meteorological-satellite service on a secondary basis for use by weather radars.

GHz
10.5 - 12.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
10.5 - 10.55 FIXED MOBILE RADIOLOCATION	10.5 - 10.68 FIXED RADIOLOCATION	10.5 - 10.68 (a) Radiolocation (b) Fixed #	(a) See note "B" (b) 68% of the frequency channels in the band are vacant.
10.55 - 10.6 FIXED MOBILE except aeronautical mobile Radiolocation			
10.6 - 10.68 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation			
10.68 - 10.7 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	10.68 - 10.7 ALL EMISSIONS PROHIBITED	10.68 - 10.7 (a) All emissions prohibited	(a) See note "A"
10.7 - 11.7 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	10.7 - 11.7 FIXED FIXED-SATELLITE	10.7 - 11.7 (a) Fixed #	(a) 54% of the frequency channels in the band are vacant.
11.7 - 12.2 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE [2][3]	11.7 - 12.2 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	11.7 - 12.0 (a) Outside Broadcast (OB) Links	(a) 6% of the frequency channels in the band are vacant.
		12.0 - 12.2	See note "K"
* 12.2 - 12.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING [3]	12.2 - 12.5 FIXED-SATELLITE (space-to-Earth)	12.2 - 12.5 (a) Fixed-satellite	(a) See note "B"

[1] All emissions in the band 10.68 - 10.7 GHz are prohibited.

[2] The band 11.7 - 12.2 GHz is also allocated to the fixed-satellite (space-to-Earth) service on a primary basis, limited to non-geostationary systems.

[3] In the band 11.7 - 12.5 GHz, the fixed, fixed-satellite, mobile except aeronautical mobile, and broadcasting services, shall not cause harmful interference to broadcasting-satellite stations.

GHz
12.5 - 14.0

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
12.5 - 12.75 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING-SATELLITE	12.5 - 13.25 FIXED FIXED-SATELLITE MOBILE	12.5 - 13.25 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Fixed-satellite	(a)&(b) 46% of the frequency channels in the band are vacant. (c) See note "B"
12.75 - 13.25 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research (deep space) (space-to-Earth)			
13.25 - 13.4 EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION SPACE RESEARCH (active)	13.25 - 13.4 AERONAUTICAL RADIONAVIGATION	13.25 - 13.4	See note "C"
13.4 - 13.75 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth-to-space)	13.4 - 13.75 RADIOLOCATION	13.4 - 13.75	See note "K"
* 13.75 - 14 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Standard frequency and time signal-satellite (Earth-to-space) Space research Earth exploration-satellite	13.75 - 14 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION	13.75 - 14	See note "K"

GHz
14 - 14.47

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>* 14 - 14.25 FIXED-SATELLITE (Earth-to-space) RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research [1] [2]</p>	<p>14 - 14.4 FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to-space)</p>	<p>14 - 14.4 (a) Fixed-satellite (b) Mobile-satellite</p>	<p>(a)&(b) See note "B"</p>
<p>* 14.25 - 14.3 FIXED-SATELLITE (Earth-to-space) RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research [1] [2]</p>			
<p>* 14.3 - 14.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radionavigation-satellite [1] [2]</p>			
<p>* 14.4 - 14.47 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Space research (space-to-Earth) [1] [2]</p>	<p>14.4 - 14.47 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)</p>	<p>14.4 - 14.47 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Mobile-satellite</p>	<p>(a)&(b) 20% of the frequency channels in the band are vacant. (c) See note "B"</p>

[1] In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply.

[2] In the band 14 - 14.5 GHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Resolution 902 (WRC-03).

GHz
14.47 - 15.7

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
<p>* 14.47 - 14.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radio astronomy [1]</p>	<p>14.47 - 14.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)</p>	<p>14.47 - 14.5 (a) Fixed # (b) Outside Broadcast (OB) Links (c) Mobile-satellite</p>	<p>(a) See note "G" (b) See note "E" (c) See note "B"</p>
<p>14.5 - 14.8 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research</p>	<p>14.5 - 15.35 FIXED MOBILE</p>	<p>14.5 - 15.35 (a) Fixed # (b) Outside Broadcast (OB) Links</p>	<p>(a)&(b) 65% of the frequency channels in the band are vacant.</p>
<p>14.8 - 15.35 FIXED MOBILE Space research</p>			
<p>15.35 - 15.4 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]</p>	<p>15.35 - 15.4 ALL EMISSIONS PROHIBITED</p>	<p>15.35 - 15.4 (a) All emissions prohibited</p>	<p>(a) See note "A"</p>
<p>15.4 - 15.43 AERONAUTICAL RADIONAVIGATION</p>	<p>15.4 - 15.7 AERONAUTICAL RADIONAVIGATION</p>	<p>15.4 - 15.7</p>	<p>See note "C"</p>
<p>15.43 - 15.63 FIXED-SATELLITE (space-to-Earth) (Earth-to-space) AERONAUTICAL RADIONAVIGATION</p>			
<p>15.63 - 15.7 AERONAUTICAL RADIONAVIGATION</p>			

[1] In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply.

[2] All emissions in the band 15.35 - 15.4 GHz are prohibited.

GHz
15.7 - 18.4

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
15.7 - 16.6 RADIOLOCATION	15.7 - 17.3 RADIOLOCATION	15.7 - 17.3 (a) Radiolocation	(a) See note "B"
16.6 - 17.1 RADIOLOCATION Space research (deep space) (Earth-to-space)			
17.1 - 17.2 RADIOLOCATION			
17.2 - 17.3 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
17.3 - 17.7 FIXED-SATELLITE (Earth-to-space) Radiolocation	17.3 - 17.7 FIXED-SATELLITE (Earth-to-space)	17.3 - 17.7	See note "K"
17.7 - 18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	17.7 - 18.4 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space)	17.7 - 18.4 (a) Fixed (Microwave Multipoint Distribution Systems (MMDS)) 18.14 - 18.74475 GHz	(a) 6% of the frequency channels in the band are vacant.
18.1 - 18.4 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE [1]			

[1] The band 18.1 - 18.3 GHz is also allocated to the meteorological-satellite service (space-to-Earth) on a primary basis.

GHz
18.4 - 21.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
18.4 - 18.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	18.4 - 18.8 FIXED FIXED-SATELLITE (space-to-Earth)	18.4 - 18.8 (a) Fixed (Microwave Multipoint Distribution Systems (MMDS)) 18.14 - 18.74475 GHz	(a) 6% of the frequency channels in the band are vacant.
18.6 - 18.8 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Space research (passive)			
18.8 - 19.3 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	18.8 - 19.3 FIXED FIXED-SATELLITE (space-to-Earth)	18.8 - 19.7 (a) Fixed (b) Fixed-Satellite (c) Fixed (Microwave Multipoint Distribution System (MMDS)) (d) Telecommunications Apparatus 18.82 - 18.87 GHz [1]	(a) See note "K" (b) See note "B" (c) See note "K" (d) See note "J"
19.3 - 19.7 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	19.3 - 19.7 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space)		
19.7 - 20.1 FIXED-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth)	19.7 - 21.2 FIXED-SATELLITE (space-to-Earth)	19.7 - 21.2 (a) Fixed-Satellite	(a) See note "B"
20.1 - 20.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)			
20.2 - 21.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth)			

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

GHz
21.2 - 23.55

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
21.2 - 21.4 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	21.2 - 21.4 FIXED	21.2 - 23.55 (a) Fixed #	(a) 80% of the frequency channels in the band are vacant.
21.4 - 22 FIXED MOBILE BROADCASTING-SATELLITE [1]	21.4 - 22 BROADCASTING-SATELLITE		
22 - 22.21 FIXED MOBILE except aeronautical mobile	22 - 23.55 FIXED		
22.21 - 22.5 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE-RESEARCH (passive)			
22.5 - 22.55 FIXED MOBILE			
22.55 - 23.55 FIXED INTER-SATELLITE MOBILE			

[1] The service for broadcasting-satellite in the band 21.4 -22 GHz shall come into effect on 1 April 2007.

GHz
23.55 - 24.75

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
23.55 - 23.6 FIXED MOBILE	23.55 - 23.6 FIXED	23.55 - 23.6 (a) Fixed #	(a) 44% of the frequency channels in the band are vacant.
23.6 - 24 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	23.6 - 24 ALL EMISSIONS PROHIBITED	23.6 - 24 (a) All emissions prohibited	(a) See note "A"
24 - 24.05 AMATEUR AMATEUR-SATELLITE [2]	24 - 24.05 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	24 - 24.05 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Amateur	(a)&(b) See note "B"
24.05 - 24.25 RADIOLOCATION Amateur Earth exploration-satellite (active) [2]	24.05 - 24.25 RADIOLOCATION INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM) Amateur	24.05 - 24.25 (a) Industrial, Scientific and Medical (ISM) Equipment (b) Radiolocation (c) Amateur	(a),(b)&(c) See note "B"
24.25 - 24.45 RADIONAVIGATION FIXED MOBILE	24.25 - 24.45 RADIONAVIGATION	24.25 - 24.45 (a) Government	(a) See note "C"
24.45 - 24.65 FIXED INTER-SATELLITE MOBILE RADIONAVIGATION	24.45 - 24.65 FIXED RADIONAVIGATION	24.45 - 24.65 (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) See note "K"
24.65 - 24.75 FIXED INTER-SATELLITE MOBILE	24.65 - 24.75 FIXED	24.65 - 24.75 (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) See note "K"

[1] All emissions in the band 23.6 - 24 GHz are prohibited.

[2] The band 24 - 24.25 GHz (centre frequency 24.125 GHz) is also designated for industrial, scientific and medical (ISM) applications. Radiocommunications services operating within this band must accept harmful interference which may be caused by these applications.

GHz
24.75 - 28.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
24.75 - 25.25 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	24.75 - 25.25 FIXED FIXED-SATELLITE (Earth-to-space)	24.75 - 28.35 (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) 70% of the frequency channels in the band are vacant.
25.25 - 25.5 FIXED INTER-SATELLITE MOBILE Standard frequency and time signal-satellite (Earth-to-space)	25.25 - 27 FIXED		
* 25.5 - 27 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (space-to-Earth) Standard frequency and time signal-satellite (Earth-to-space)			
27 - 27.5 FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE MOBILE	27 - 28.35 FIXED FIXED-SATELLITE (Earth-to-space)		
27.5 - 28.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE			
	28.35 - 28.5 FIXED-SATELLITE (Earth-to-space)	28.35 - 28.5	See note "K"

GHz
28.5 - 31.3

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
28.5 - 29.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Earth exploration-satellite (Earth-to-space)	28.5 - 29.1 FIXED-SATELLITE (Earth-to-space)	28.5 - 29.1	See note "K"
	29.1 - 29.25 FIXED FIXED-SATELLITE (Earth-to-space)	29.1 - 29.25 (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) See note "K"
	29.25 - 30 FIXED-SATELLITE (Earth-to-space)	29.25 - 30	See note "K"
29.5 - 29.9 FIXED-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) Mobile-satellite (Earth-to-space)			
29.9 - 30 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space)			
30 - 31 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth)	30 - 31 FIXED-SATELLITE (Earth-to-space)	30 - 31	See note "K"
31 - 31.3 FIXED MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research	31 - 31.3 FIXED	31 - 31.3 (a) Local Wireless Fixed Telecommunication Network Services (LWFTNS)	(a) See note "K"

GHz
31.3 - 34.2

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
31.3 - 31.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	31.3 - 31.5 ALL EMISSIONS PROHIBITED	31.3 - 31.5 (a) All emissions prohibited	(a) See note "A"
31.5 - 31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	31.5 - 33 TO BE PLANNED	31.5 - 33	See note "I"
31.8 - 32 FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)			
* 32 - 32.3 FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)			
32.3 - 33 FIXED INTER-SATELLITE RADIONAVIGATION			
33 - 33.4 FIXED RADIONAVIGATION	33 - 33.4 RADIONAVIGATION	33 - 33.4	See note "C"
33.4 - 34.2 RADIOLOCATION	33.4 - 34.2 RADIOLOCATION	33.4 - 34.2 (a) Radiolocation	(a) See note "B"

[1] All emissions in the band 31.3 - 31.5 GHz are prohibited.

GHz
34.2 - 38

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
34.2 - 34.7 RADIOLOCATION SPACE-RESEARCH (deep space) (Earth-to-space)	34.2 - 35.2 RADIOLOCATION	34.2 - 35.2 (a) Radiolocation	(a) See note "B"
34.7 - 35.2 RADIOLOCATION Space research			
35.2 - 35.5 METEOROLOGICAL AIDS RADIOLOCATION	35.2 - 37 TO BE PLANNED	35.2 - 37	See note "I"
35.5 - 36 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)			
36 - 37 EARTH EXPLORATION-SATELLITE (active) FIXED MOBILE SPACE RESEARCH (passive)			
37 - 37.5 FIXED MOBILE SPACE RESEARCH (space-to-Earth)	37 - 38 FIXED	37 - 38 (a) Fixed #	(a) 94% of the frequency channels in the band are vacant.
37.5 - 38 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth)			

GHz
38 - 42.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
38 - 39.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth)	38 - 39.5 FIXED	38 - 39.5 (a) Fixed	(a) 94% of the frequency channels in the band are vacant.
39.5 - 40 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth)	39.5 - 42.5 TO BE PLANNED	39.5 - 42.5	See note "I"
40 - 40.5 EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth)			
40.5 - 42.5 FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile			

GHz
42.5 - 54.25

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
42.5 - 43.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile RADIO ASTRONOMY	42.5 - 47 TO BE PLANNED	42.5 - 47	See note "I"
43.5 - 47 MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE			
47 - 47.2 AMATEUR AMATEUR-SATELLITE	47 - 47.2 AMATEUR AMATEUR-SATELLITE	47 - 47.2 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
47.2 - 50.2 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE [1]	47.2 - 50.2 TO BE PLANNED	47.2 - 50.2	See note "I"
50.2 - 50.4 EARTH EXPLORATION-SATELLITE (passive) SPACE-RESEARCH (passive) [2]	50.2 - 50.4 ALL EMISSIONS PROHIBITED	50.2 - 50.4 (a) All emissions prohibited	(a) See note "A"
50.4 - 51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	50.4 - 51.15 FIXED	50.4 - 51.15 (a) Fixed	(a) See note "K"
	51.15 - 52.6 TO BE PLANNED	51.15 - 52.6	See note "I"
51.4 - 52.6 FIXED MOBILE			
52.6 - 54.25 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) [3]	52.6 - 54.25 ALL EMISSIONS PROHIBITED	52.6 - 54.25 (a) All emissions prohibited	(a) See note "A"

[1] The band 48.94 - 49.04 GHz is also allocated to the radio astronomy service on a primary basis.

[2] All emissions in the band 50.2 - 50.4 GHz are prohibited.

[3] All emissions in the band 52.6 - 54.25 GHz are prohibited.

GHz
54.25 - 59

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
54.25 - 55.78 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE-RESEARCH (passive)	54.25 - 59 TO BE PLANNED	54.25 - 58.2	See note "I"
55.78 - 56.9 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
56.9 - 57 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
57 - 58.2 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)			
58.2 - 59 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)			

GHz
59 - 71

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
59 - 59.3 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE RADIOLOCATION SPACE RESEARCH (passive)	59 - 61 TO BE PLANNED	59 - 61	See note "I"
59.3 - 64 FIXED INTER-SATELLITE MOBILE RADIOLOCATION [1]	61 - 61.5 RADIOLOCATION INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	61 - 61.5 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
64 - 65 FIXED INTER-SATELLITE MOBILE except aeronautical mobile	61.5 - 71 TO BE PLANNED	61.5 - 71	See note "I"
65 - 66 EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH			
66 - 71 INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE			

[1] The band 61 - 61.5 GHz (centre frequency 61.25 GHz) is designated for industrial, scientific and medical (ISM) applications.

GHz
71 - 78

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
71 - 74 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	71 - 76 TO BE PLANNED	71 - 76	See note "I"
74 - 75.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)			
75.5 - 76 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)			
76 - 77.5 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)	76 - 77.5 RADIOLOCATION Amateur Amateur-satellite	76 - 77.5 (a) Amateur (b) Amateur-satellite (c) Telecommunications Apparatus 76 - 77 GHz [1]	(a) See note "B" (b) See note "B" (c) See note "J"
77.5 - 78 AMATEUR AMATEUR-SATELLITE Radio astronomy Space research (space-to-Earth)	77.5 - 78 AMATEUR AMATEUR-SATELLITE	77.5 - 78 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"

[1] Details are given in the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order.

GHz
78 - 86

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
78 - 79 RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth)	78 - 81 Amateur Amateur-satellite	78 - 81 (a) Amateur (b) Amateur-satellite	(a)&(b) See note "B"
79 - 81 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)			
81 - 84 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth)	81 - 86 TO BE PLANNED	81 - 86	See note "I"
84 - 86 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY			

GHz
86 - 102

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
86 - 92 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	86 - 92 ALL EMISSIONS PROHIBITED	86 - 92 (a) All emissions prohibited	(a) See note "A"
92 - 94 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	92 - 100 TO BE PLANNED	92 - 100	See note "I"
94 - 94.1 EARTH EXPLORATION-SATELLITE (passive) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy			
94.1 - 95 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION			
95 - 100 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE			
100 - 102 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	100 - 102 ALL EMISSIONS PROHIBITED	100 - 102 (a) All emissions prohibited	(a) See note "A"

[1] All emissions in the bands 86 - 92 GHz and 100 - 102 GHz are prohibited.

GHz
102 - 114.25

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
102 - 105 FIXED MOBILE RADIO ASTRONOMY	102 - 109.5 TO BE PLANNED	102 - 109.5	See note "I"
105 - 109.5 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
109.5 - 111.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	109.5 - 111.8 ALL EMISSIONS PROHIBITED	109.5 - 111.8 (a) All emissions prohibited	(a) See note "A"
111.8 - 114.25 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	111.8 - 114.25 TO BE PLANNED	111.8 - 114.25	See note "I"

[1] All emissions in the band 109.5 - 111.8 GHz are prohibited.

GHz
114.25 - 126

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
114.25 - 116 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	114.25 - 116 ALL EMISSIONS PROHIBITED	114.25 - 116 (a) All emissions prohibited	(a) See note "A"
116 - 119.98 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	116 - 122 TO BE PLANNED	116 - 122	See note "I"
119.98 - 120.02 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
120.02 - 122.25 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
122.25 - 123 FIXED INTER-SATELLITE MOBILE Amateur [2]	122 - 123 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	122 - 123 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
123 - 126 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	123 - 126 TO BE PLANNED	123 - 126	See note "I"

[1] All emissions in the band 114.25 - 116 GHz are prohibited.

[2] The band 122.25 - 123 GHz (centre frequency 122.375 GHz) is designated for industrial, scientific and medical (ISM) applications.

GHz
126 - 148.5

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
126 - 130 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	126 - 148.5 TO BE PLANNED	126 - 148.5	See note "I"
130 - 134 EARTH EXPLORATION-SATELLITE (active) FIXED INTER-SATELLITE MOBILE RADIO ASTRONOMY			
134 - 136 AMATEUR AMATEUR-SATELLITE Radio astronomy			
136 - 141 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite			
141 - 148.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION			

GHz
148.5 - 168

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
148.5 - 151.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	148.5 - 151.5 ALL EMISSIONS PROHIBITED	148.5 - 151.5 (a) All emissions prohibited	(a) See note "A"
151.5 - 155.5 FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	151.5 - 164 TO BE PLANNED	151.5 - 164	See note "I"
155.5 - 158.5 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
158.5 - 164 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)			
164 - 167 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	164 - 167 ALL EMISSIONS PROHIBITED	164 - 167 (a) All emissions prohibited	(a) See note "A"
167 - 168 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	167 - 168 TO BE PLANNED	167 - 168	See note "I"

[1] All emissions in the bands 148.5 - 151.5 GHz and 164 - 167 GHz are prohibited.

GHz
168 - 190

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
168 - 170 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	168 - 182 TO BE PLANNED	168 - 182	See note "I"
170 - 174.5 FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE			
174.5 - 174.8 FIXED INTER-SATELLITE MOBILE			
174.8 - 182 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)			
182 - 185 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	182 - 185 ALL EMISSIONS PROHIBITED	182 - 185 (a) All emissions prohibited	(a) See note "A"
185 - 190 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	185 - 190 TO BE PLANNED	185 - 190	See note "I"

[1] All emissions in the bands 182 - 185 GHz are prohibited.

GHz
190 - 200

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
190 - 191.8 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) [1]	190 - 191.8 ALL EMISSIONS PROHIBITED	190 - 191.8 (a) All emissions prohibited	(a) See note "A"
191.8 - 200 FIXED INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	191.8 - 200 TO BE PLANNED	191.8 - 200	See note "I"

[1] All emissions in the bands 190 - 191.8 GHz are prohibited.

GHz
200 - 232

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
200 - 202 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	200 - 209 ALL EMISSIONS PROHIBITED	200 - 209 (a) All emissions prohibited	(a) See note "A"
202 - 209 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]			
209 - 217 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	209 - 226 TO BE PLANNED	209 - 226	See note "I"
217 - 226 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)			
226 - 231.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [1]	226 - 231.5 ALL EMISSIONS PROHIBITED	226 - 231.5 (a) All emissions prohibited	(a) See note "A"
231.5 - 232 FIXED MOBILE Radiolocation	231.5 - 232 TO BE PLANNED	231.5 - 232	See note "I"

[1] All emissions in the bands 200 - 209 and 226 - 231.5 GHz are prohibited.

GHz
232 - 241

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
232 - 235 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation	232 - 241 TO BE PLANNED	232 - 241	See note "I"
235 - 238 EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive)			
238 - 240 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE			
240 - 241 FIXED MOBILE RADIOLOCATION			

GHz
241 - 400

REGION 3 ALLOCATION	HONG KONG ALLOCATION	BAND PLAN AND EXISTING UTILISATION	REMARKS
241 - 248 RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite [1]	241 - 244 TO BE PLANNED	241 - 244	See note "I"
	244 - 246 INDUSTRIAL, SCIENTIFIC AND MEDICAL (ISM)	244 - 246 (a) Industrial, Scientific and Medical (ISM) Equipment	(a) See note "B"
	246 - 250 TO BE PLANNED	246 - 250	See note "I"
248 - 250 AMATEUR AMATEUR-SATELLITE Radio astronomy			
250 - 252 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) [2]	250 - 252 ALL EMISSIONS PROHIBITED	250 - 252 (a) All emissions prohibited	(a) See note "A"
252 - 265 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE	252 - 400 TO BE PLANNED	252 - 400	See note "I"
265 - 275 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY			
275 - 400 (Not allocated)			

[1] The band 244 - 246 GHz (centre frequency 245 GHz) is designated for industrial, scientific and medical (ISM) applications.

[2] All emissions in the bands 250 - 252 GHz are prohibited.

ANNEX I

REVISION OF
REGION 3 ALLOCATIONS

REGION 3 ALLOCATION REVISION

before WRC-2003 decisions in force

after WRC-2003 decisions in force

6765 - 7000 kHz
6765 - 7000
 FIXED
 Land mobile

6765 - 7000
 FIXED
 MOBILE except aeronautical mobile (R)

7100 - 7200 kHz
7100 - 7200
 BROADCASTING

7100 - 7200
 AMATEUR

7350 - 7450 kHz
7350 - 7450
 FIXED
 Land mobile

7350 - 7450
 BROADCASTING

7450 - 8100 kHz
7450 - 8100
 FIXED
 Land mobile

7450 - 8100
 FIXED
 MOBILE except aeronautical mobile (R)

432 - 438 MHz
432 - 438
 RADIOLOCATION
 Amateur

432 - 438
 RADIOLOCATION
 Amateur
 Earth exploration-satellite (active)

1164 - 1215 MHz
1164 - 1215
 AERONAUTICAL RADIONAVIGATION

1164 - 1215
 AERONAUTICAL RADIONAVIGATION
 RADIONAVIGATION-SATELLITE (space-to-Earth)
 (space-to-space)

1518 - 1525 MHz
1518 - 1525
 FIXED
 MOBILE

1518 - 1525
 FIXED
 MOBILE
 MOBILE-SATELLITE (space-to-Earth)

1668 - 1668.4 MHz
1668 - 1668.4
 RADIO ASTRONOMY
 SPACE RESEARCH (passive)
 FIXED
 Mobile except aeronautical mobile

1668 - 1668.4
 MOBILE-SATELLITE (Earth-to-space)
 RADIO ASTRONOMY
 SPACE RESEARCH (passive)
 FIXED
 Mobile except aeronautical mobile

REGION 3 ALLOCATION REVISION

before WRC-2003 decisions in force

after WRC-2003 decisions in force

1668.4 - 1670 MHz
1668.4 - 1670
 METEOROLOGICAL AIDS
 FIXED
 Mobile except aeronautical mobile
 RADIO ASTRONOMY

1668.4 - 1670
 METEOROLOGICAL AIDS
 FIXED
 Mobile except aeronautical mobile
 MOBILE-SATELLITE (Earth-to-space)
 RADIO ASTRONOMY

1670 - 1675 MHz
1670 - 1675
 METEOROLOGICAL AIDS
 FIXED
 METEOROLOGICAL-SATELLITE (space-to-Earth)
 MOBILE

1670 - 1675
 METEOROLOGICAL AIDS
 FIXED
 METEOROLOGICAL-SATELLITE (space-to-Earth)
 MOBILE
 MOBILE-SATELLITE (Earth-to-space)

2900 - 3100 MHz
2900 - 3100
 RADIONAVIGATION
 Radiolocation

2900 - 3100
 RADIONAVIGATION
 RADIOLOCATION

5000 - 5010 MHz
5000 - 5010
 AERONAUTICAL RADIONAVIGATION

5000 - 5010
 AERONAUTICAL RADIONAVIGATION
 RADIONAVIGATION-SATELLITE (Earth-to-space)

5010 - 5030 MHz
5010 - 5030
 AERONAUTICAL RADIONAVIGATION

5010 - 5030
 AERONAUTICAL RADIONAVIGATION
 RADIONAVIGATION-SATELLITE (space-to-Earth)
 (space-to-space)

5150 - 5250 MHz
5150 - 5250
 AERONAUTICAL RADIONAVIGATION
 FIXED-SATELLITE (Earth-to-space)

5150 - 5250
 AERONAUTICAL RADIONAVIGATION
 FIXED-SATELLITE (Earth-to-space)
 MOBILE except aeronautical mobile

5250 - 5255 MHz
5250 - 5255
 EARTH EXPLORATION-SATELLITE (active)
 RADIOLOCATION
 SPACE RESEARCH

5250 - 5255
 EARTH EXPLORATION-SATELLITE (active)
 RADIOLOCATION
 SPACE RESEARCH
 MOBILE except aeronautical mobile

REGION 3 ALLOCATION REVISION

before WRC-2003 decisions in force

after WRC-2003 decisions in force

5255 - 5350 MHz
5255 - 5230
 EARTH EXPLORATION-SATELLITE (active)
 RADIOLOCATION
 SPACE RESEARCH (active)

5255 - 5350
 EARTH EXPLORATION-SATELLITE (active)
 RADIOLOCATION
 SPACE RESEARCH (active)
 MOBILE except aeronautical mobile

5350 - 5460 MHz
5350 - 5460
 EARTH EXPLORATION-SATELLITE (active)
 AERONAUTICAL RADIONAVIGATION
 Radiolocation

5350 - 5460
 EARTH EXPLORATION-SATELLITE (active)
 SPACE RESEARCH (active)
 AERONAUTICAL RADIONAVIGATION
 RADIOLOCATION

5460 - 5470 MHz
5460 - 5470
 RADIONAVIGATION
 Radiolocation

5460 - 5470
 RADIONAVIGATION
 EARTH EXPLORATION-SATELLITE (active)
 SPACE RESEARCH (active)
 RADIOLOCATION

5470 - 5570 MHz
5470 - 5570
 MARITIME RADIONAVIGATION
 Radiolocation

5470 - 5570
 MARITIME RADIONAVIGATION
 MOBILE except aeronautical mobile
 EARTH EXPLORATION-SATELLITE (active)
 SPACE RESEARCH (active)
 RADIOLOCATION

5570 - 5650 MHz
5570 - 5650
 MARITIME RADIONAVIGATION
 Radiolocation

5570 - 5650
 MARITIME RADIONAVIGATION
 MOBILE except aeronautical mobile
 RADIOLOCATION

5650 - 5725 MHz
5650 - 5725
 RADIOLOCATION
 Amateur
 Space research (deep space)

5650 - 5725
 RADIOLOCATION
 MOBILE except aeronautical mobile
 Amateur
 Space research (deep space)

7145 - 7235 MHz
7145 - 7235
 FIXED
 MOBILE

7145 - 7235
 FIXED
 MOBILE
 SPACE RESEARCH (Earth-to-space)

REGION 3 ALLOCATION REVISION

before WRC-2003 decisions in force

after WRC-2003 decisions in force

12.2 - 12.5 GHz
12.2 - 12.5
 FIXED
 MOBILE except aeronautical mobile
 BROADCASTING

12.2 - 12.5
 FIXED
 FIXED-SATELLITE (space-to-Earth)
 MOBILE except aeronautical mobile
 BROADCASTING

13.75 - 14 GHz
13.75 - 14
 FIXED-SATELLITE (Earth-to-space)
 RADIOLOCATION
 Standard frequency and time signal-satellite
 (Earth-to-space)
 Space research

13.75 - 14
 FIXED-SATELLITE (Earth-to-space)
 RADIOLOCATION
 Standard frequency and time signal-satellite
 (Earth-to-space)
 Space research
 Earth exploration-satellite

14 - 14.25 GHz
14 - 14.25
 FIXED-SATELLITE (Earth-to-space)
 RADIONAVIGATION
 Mobile-satellite (Earth-to-space) except
 aeronautical mobile-satellite
 Space research

14 - 14.25
 FIXED-SATELLITE (Earth-to-space)
 RADIONAVIGATION
 Mobile-satellite (Earth-to-space)
 Space research

14.25 - 14.3 GHz
14.25 - 14.3
 FIXED-SATELLITE (Earth-to-space)
 RADIONAVIGATION
 Mobile-satellite (Earth-to-space) except
 aeronautical mobile-satellite
 Space research

14.25 - 14.3
 FIXED-SATELLITE (Earth-to-space)
 RADIONAVIGATION
 Mobile-satellite (Earth-to-space)
 Space research

14.3 - 14.4 GHz
14.3 - 14.4
 FIXED
 FIXED-SATELLITE (Earth-to-space)
 MOBILE except aeronautical mobile
 Mobile-satellite (Earth-to-space) except
 aeronautical mobile-satellite
 Radionavigation-satellite

14.3 - 14.4
 FIXED
 FIXED-SATELLITE (Earth-to-space)
 MOBILE except aeronautical mobile
 Mobile-satellite (Earth-to-space)
 Radionavigation-satellite

14.4 - 14.47 GHz
14.4 - 14.47
 FIXED
 FIXED-SATELLITE (Earth-to-space)
 MOBILE except aeronautical mobile
 Mobile-satellite (Earth-to-space) except
 aeronautical mobile-satellite
 Space research (space-to-Earth)

14.4 - 14.47
 FIXED
 FIXED-SATELLITE (Earth-to-space)
 MOBILE except aeronautical mobile
 Mobile-satellite (Earth-to-space)
 Space research (space-to-Earth)

REGION 3 ALLOCATION REVISION

before WRC-2003 decisions in force

after WRC-2003 decisions in force

14.47 - 14.5 GHz

14.47 - 14.5
FIXED
FIXED-SATELLITE (Earth-to-space)
MOBILE except aeronautical mobile
Mobile-satellite (Earth-to-space) except
aeronautical mobile-satellite
Radio astronomy

14.47 - 14.5
FIXED
FIXED-SATELLITE (Earth-to-space)
MOBILE except aeronautical mobile
Mobile-satellite (Earth-to-space)
Radio astronomy

25.5 - 27 GHz

25.5 - 27
EARTH EXPLORATION-SATELLITE
(space-to-Earth)
FIXED
INTER-SATELLITE
MOBILE
Standard frequency and time signal-satellite
(Earth-to-space)

25.5 - 27
EARTH EXPLORATION-SATELLITE
(space-to-Earth)
FIXED
INTER-SATELLITE
MOBILE
SPACE RESEARCH (space-to-earth)
Standard frequency and time signal-satellite
(Earth-to-space)

32 - 32.3 GHz

32 - 32.3
FIXED
INTER-SATELLITE
RADIONAVIGATION
SPACE RESEARCH (deep space) (space-to-Earth)

32 - 32.3
FIXED
RADIONAVIGATION
SPACE RESEARCH (deep space) (space-to-Earth)

ANNEX II

CHANNEL ARRANGEMENTS FOR
FIXED SERVICES

7.42 - 7.75 GHz

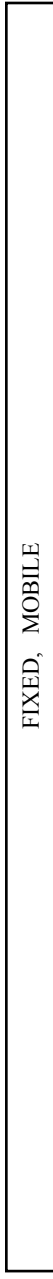
(Rec. ITU-R.F. 385)

RR Allocation



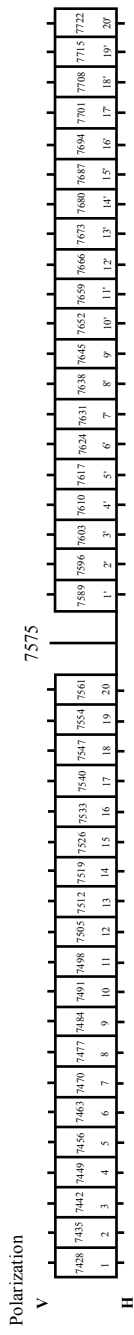
7300 MHz 7450 MHz 7550 MHz 7750 MHz

HK Allocation

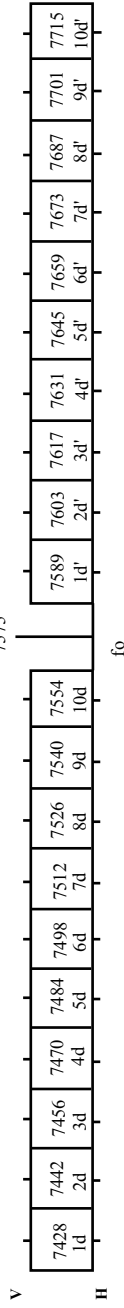


7300 MHz 7750 MHz

Channel Arrangement (ch. width 7 MHz)



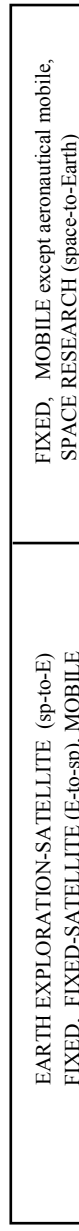
Channel Arrangement (ch. width 14 MHz)



Annex II-2

8.275 - 8.500 GHz

RR Allocation



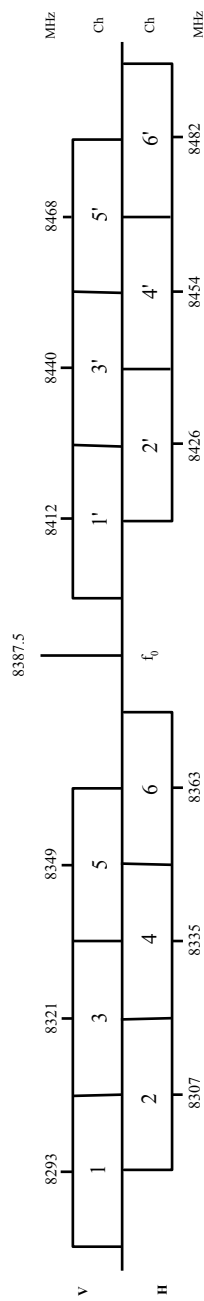
8275 MHz 8400 MHz 8500 MHz

HK Allocation



8275 MHz 8500 MHz

Channel arrangement (ch. width 28 MHz)



10.15 - 10.3 GHz and 10.5 - 10.68 GHz

RR Allocation



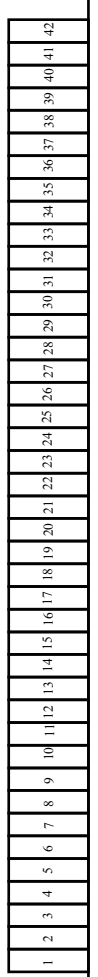
10.15
10.3 GHz

HK Allocation



10.15
10.3 GHz

Channel Arrangement in Lower Block



10.15
10.3 GHz

RR Allocation

FIXED, MOBILE, RADIOLOCATION	FIXED, MOBILE except aero. mobile, Radio location	EARTH EXPLORATION-SATELLITE (passive), FIXED, MOBILE except aeronautical mobile, RADIO ASTRONOMY, SPACE RESEARCH (passive), Radiolocation
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10.5
10.68 GHz

10.6

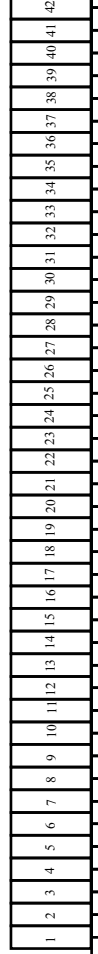
10.55

HK Allocation



10.5
10.68 GHz

Channel Arrangement in Upper Block



10.5
10.68 GHz

Interleaved SFX

Channel Pairs (CEPT/ERC Rec. 12-05E)

$$f_n = 10,148.75 + 3.5n \text{ MHz}$$

$$f'_n = 10,498.75 + 3.5n \text{ MHz}$$

$$n = 1, 2, \dots, 42$$

Interleaved SFX Channels (Rec. ITU-R F. 747)

$$f'_m = 10,500.5 + 3.5m^* \text{ MHz}$$

$$m^* = 1, 2, \dots, 50$$

10.7 - 11.7 GHz

(Rec. ITU-R F. 387)

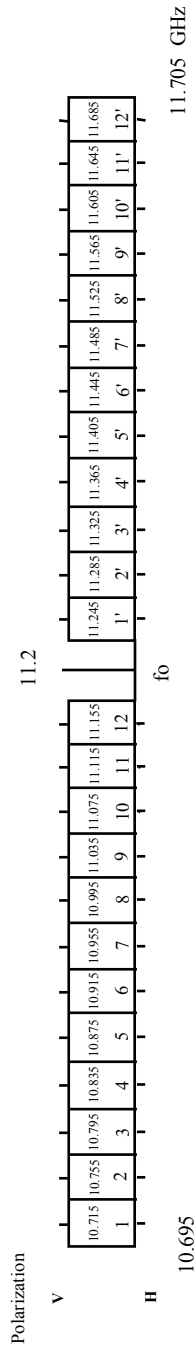
RR Allocation



HK Allocation



Channel Arrangement (ch. width 40 MHz)



12.75 - 13.25 GHz

(Rec. ITU-R F. 497)

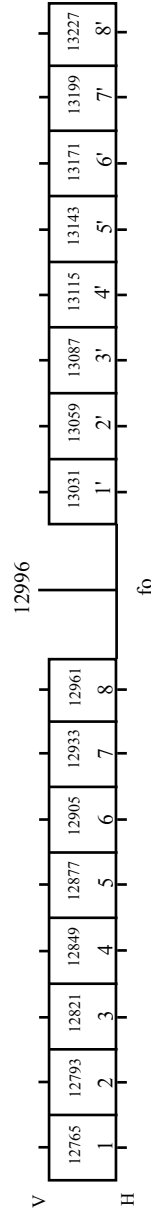
RR Allocation



HK Allocation



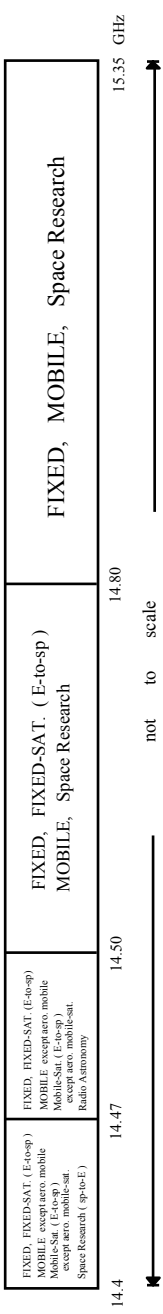
Channel Arrangement (ch. width 28 MHz)



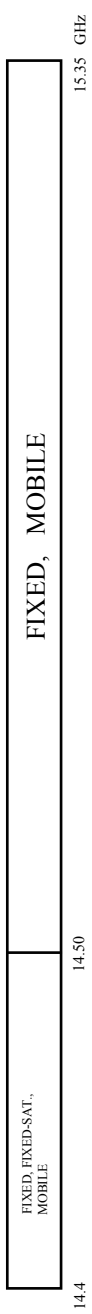
14.4 - 15.35 GHz

(Rec. ITU-R F. 636)

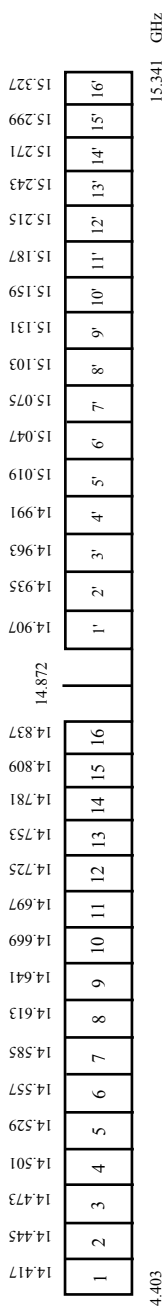
RR Allocation



HK Allocation



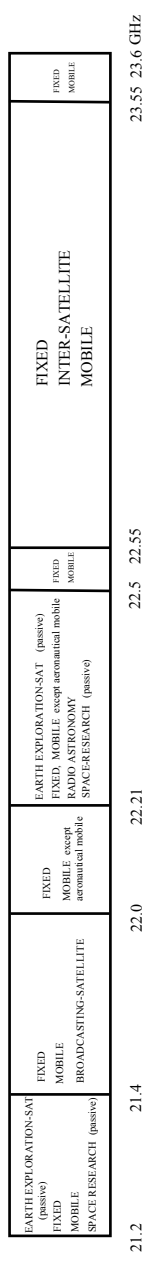
Channel Arrangement (ch. width 28 MHz)



21 - 23 GHz

(Rec. ITU-R F.637)

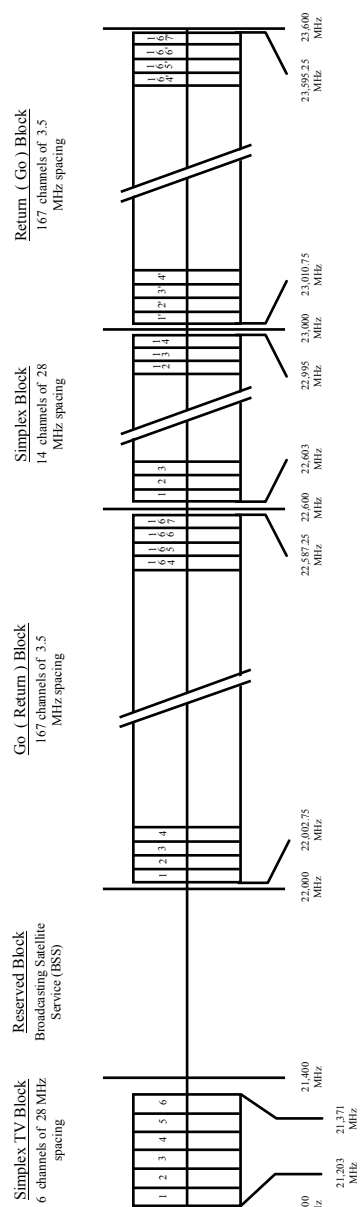
RR Allocation



HK Allocation



Frequency Blocks



21 - 23 GHz

(Rec. ITU-R F.637)

Assignment of 3.5 MHz channels	$f_m = 22,001 + 3.5m$ (MHz) $m = 1, 2, 3, \dots, 167$	$f_m' = 23,009 + 3.5m$ (MHz) $m = 1, 2, 3, \dots, 167$	
Assignment of 7 MHz channels	$f_n = 22,004.5 + 7n$ (MHz) $n = 1, 2, 3, \dots, 83$	$f_n' = 23,012.5 + 7n$ (MHz) $n = 1, 2, 3, \dots, 83$	
Assignment of 14 MHz channels	$f_p = 22,001 + 14p$ (MHz) $p = 1, 2, 3, \dots, 41$	$f_p' = 23,009 + 14p$ (MHz) $p = 1, 2, 3, \dots, 41$	
Assignment of 28 MHz channels	$f_s = 21,189 + 28s$ $s = 1, 2, \dots, 6$	$f_t = 22,589 + 28t$ $t = 1, 2, \dots, 14$	$f_q' = 23,002 + 28q$ (MHz) $q = 1, 2, 3, \dots, 20$

38 GHz

(Rec. ITU-R F.749)

RR Allocation

FIXED MOBILE SPACE RESEARCH (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) Earth Exploration-Satellite (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth Exploration-Satellite (space-to-Earth)
37	37.5	38
39.5 GHz		

HK Allocation

FIXED
37
39.5 GHz

Channel Arrangement

Channels 1 - 160 Homogeneous 7 MHz Channel Spacing	Channels 1' - 160' Homogeneous 7 MHz Channel Spacing	
37.058	38.25	39.438
f n = 37 054.5 + 7n MHz	f 0	f n' = 38 314.5 + 7n MHz
39.5 GHz		

f n, f n' are centre frequencies of radio channels where n = 1, 2, 3, ..., 160.
f n' = f n + 1260 MHz