

**SMATV ASSOCIATION OF HONG KONG LIMITED**

RESPONSE TO THE CONSULTATION PAPER ON  
LICENSING FRAMEWORK FOR DEPLOYMENT OF  
BROADBAND WIRELESS ACCESS

SUBMITTED BY

SMATV ASSOCIATION OF HONG KONG

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The band 3.4 to 3.6 GHz is allocated by ITU as part of the extended C-band. C-band is popularly used for Satellite TV transmission. Here below are some statistics that collected from our members and comply with the following criteria:

- Used for satellite TV re-transmission
- Can be received in Hong Kong Region
- Fall-in 3.6 to 3.6GHz specturm

Number of Satellite	More than 9
No. of Carriers	More than 44
No. of satellite TV channels	More than 68

Opening up the 3.4-3.6 GHz band for BWA application will lead to create interferences to the satellite reception system that already in placed. Hong Kong citizens who are viewing the satellite TV channels that are transmitted within this frequency band will have high potential that they will observe the performance degrade on the picture quality or intermittent interruption on TV reception on their current using satellite TV Reception system including SMATV and TVRO.

To avoid unnecessary disturbances to existing users, SMATV operators, Satellite Companies and commercial entities who are using 3.4-3.6GHz band, we highly recommend OFTA to allocate BWA applications in bands outside existing satellite bands.

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