

**RADIO SPECTRUM AND TECHNICAL STANDARDS
ADVISORY COMMITTEE**

**Working Group on Mitigating Measures related to the Use of
the 3.4 – 3.6 GHz Band for Public Mobile Services
inside the Restriction Zone**

The Communications Authority issued a statement¹ on 28 March 2018 announcing its decision to change the allocation of the 3.4 – 3.7 GHz band from fixed satellite service (space-to-Earth) to mobile service with effect from 1 April 2020. Among other things, the spectrum in the 3.4 – 3.6 GHz band will be assigned for the provision of public mobile services. In order to protect the operation of existing telemetry, tracking and control satellite stations (“TT&C stations”), two restriction zones in Tai Po and Stanley will be delineated to constrain the deployment of mobile base stations of the public mobile services operating in the 3.4 – 3.6 GHz band.

2. In response to the concern of the mobile industry, a working group was formed to consider the feasible technical arrangements for the deployment of mobile base stations operating in the 3.4 – 3.6 GHz band within the restriction zone. The working group comprises representatives of incumbent mobile network operators, TT&C station operators, Hong Kong Science and Technology Park and Hong Kong Applied Science and Technology Research Institute.

3. The working group targets to complete its work by the first quarter of 2019. OFCA would inform this Advisory Committee of the deliverables of the working group in due course.

Office of the Communications Authority
August 2018

¹ The statement is available at
https://www.coms-auth.hk/filemanager/statement/en/upload/441/ca_statements20180328_en.pdf