

RADIO SPECTRUM AND TECHNICAL STANDARDS
ADVISORY COMMITTEE

**Minutes of the Twenty-fourth Meeting
held at 2:30 p.m., Tuesday, 4 May 2021
in Conference Room 2020, Wu Chung House, Wan Chai**

Present in person

Mr C K Cheng	Chairman (OFCA staff)
Mr H W Chan	Representative of Independent Commission Against Corruption
Mr Carlson Chu	Representative of PCCW Media Limited / HK Television Entertainment Limited
Mr K H Lau	Representative of Civil Aviation Department
Mr W K Shiu	Representative of the Hong Kong Police Force
Mr Alex Tang	Secretary (OFCA staff)

Present online

Mr Desmond Chan	Representative of Hong Kong Broadband Network Limited / HKBN Enterprise Solutions Limited / HKBN Enterprise Solutions HK Limited
Mr Henry Chan	Representative of Hutchison Telephone Company Limited / Genius Brand Limited
Ir John Chan	Representative of the Hong Kong Institution of Engineers
Mr S P Chan	Member appointed on an Ad Personam basis
Mr Alex Cheng	Representative of China Mobile Hong Kong Company Limited
Mr K K Cheung	Representative of external fixed carrier/unified carrier (external fixed services) licensees as a group and carrier licensees not providing domestic retail fixed services as a group
Mr C Y Ho	Representative of Civil Aviation Department
Mr H C Hung	Representative of carrier licensees not providing domestic retail fixed services as a group
Mr S M Ko	Representative of Metro Broadcast Corporation Limited
Mr Garry Kum	Representative of Television Broadcasts Limited
Mr Allan Kwan	Representative of PCCW Media Limited / HK Television Entertainment Limited
Dr Keith Kwok	Representative of Consumer Council
Ms P S Kwok	Representative of the Hong Kong Police Force
Mr Voller Lam	Representative of HGC Global Communications Limited
Mr W T Lam	Representative of Hong Kong Productivity Council

Mr Dennis Lau	Representative of SmarTone Mobile Communications Limited / SmarTone Communications Limited
Mr Larry Lee	Representative of Hong Kong Cable Television Limited / Fantastic Television Limited
Dr Tony Lee	Representative of the Institution of Engineering and Technology Hong Kong
Mr Gary Li	Representative of local certification bodies as a group
Mr Keith Li	Representative of local industry associations as a group
Mr George Mak	Representative of Consumer Council
Mr Karson Ng	Representative of carrier licensees not providing domestic retail fixed services as a group
Mr Jordan Ngan	Representative of Radio Television Hong Kong
Mr Johnny Siu	Representative of amateur radio societies as a group
Mr Jing Su	Representative of APT Satellite Company Limited
Dr Jonathan Tang	Representative of Hong Kong Productivity Council
Mr Raymond Tang	Representative of ComNet Telecom HK Limited
Mr Henry Wang	Representative of Localised Wireless Broadband Service / Public Radiocommunications Service / Wireless Internet of Things licensees as a group
Ms Vicky Wong	Representative of Asia Satellite Telecommunications Company Limited (“AsiaSat”)
Dr Rui Zhang	Representative of AsiaSat

Absent with Apologies

Mr Paul Lam	Representative of Hong Kong Commercial Broadcasting Company Limited
Mr Michael Lee	Representative of EU ICT Council in Hong Kong and Macau
Mr Silas Ng	Representative of services-based operator licensees (MVNO and ETS operators only) as a group
Mr S M Shuen	Representative of Hong Kong Telecommunications (HKT) Limited / PCCW-HKT Telephone Limited and Hong Kong Telecommunications (HKT) Limited / PCCW Global (HK) Limited
Mr Tony Tsang	Representative of 21 ViaNet Group Limited

In Attendance in person

Mr T S Chew	OFCA staff
Mr C H Chan	OFCA staff
Mr Eric Fung	OFCA staff
Mr Roger Chan	OFCA staff
Mr Kenneth Cheung	OFCA staff

Mr Charles Chow	OFCA staff
Mr W L Chung	OFCA staff
Mr H C Ho	OFCA staff
Mr Ken Sit	OFCA staff
Mr Eric Wong	OFCA staff
Mr Jack Yip	OFCA staff

Observer in person

Mr K H Yip Representative of Airport Authority Hong Kong

Observer online

Mr Y H Chan Representative of AsiaSat

Agenda Item 1: Matters Arising

Item 3 of the 23rd SSAC Meeting (Proposed Revision to HKCA 2001 Compliance Test Specification for Safety and Electrical Protection Requirements for Subscriber Telecommunications Equipment)

1. The Secretary reported that the revised HKCA 2001 specification was adopted and posted on OFCA's website in December 2020.

Agenda Item 2: Consultancy Study on Non-ionising Radiation Safety of Radio Base Stations (SSAC Paper No. 1/2021)

2. Mr Eric Wong presented SSAC Paper No. 1/2021 concerning the conduction of a consultancy study on non-ionising radiation ("NIR") safety of radio base stations ("RBS") by OFCA.

3. The Chairman said that the consultancy study was an initiative of OFCA for engaging a consultant to review the existing measures and make recommendations on practical new measures for controlling NIR safety of RBS so as to facilitate the on-going development of public mobile services in Hong Kong. Upon completion of the consultancy study, OFCA would arrange for the consultant to brief Members on its findings and recommendations.

Agenda Item 3: Type Acceptance Criteria for 5G Radio Equipment Certification (SSAC Paper No. 2/2021)

4. Mr Charles Chow presented SSAC Paper No. 2/2021 concerning type

acceptance criteria for certification of 5G radio equipment.

5. Mr Carlson Chu asked why TAC 011 did not cover active antenna system (“AAS”) for base station equipment operating in the millimetre wave (“mmWave”) bands. Mr Charles Chow replied that TAC 011 covered only AAS for multi-standard base station equipment operating in sub-6 GHz band. The Chairman added that OFCA issued type acceptance criteria in response to operators’ request to facilitate their deployment of equipment for timely launch of new services, such as 5G services, though there was no applicable HKCA specification at the relevant time. If operators had any such need, they could approach OFCA accordingly. As soon as an applicable widely recognised standard emerged, OFCA would consult Members for adoption in a new HKCA specification to supersede the type acceptance criteria concerned.

[Post-meeting note: Single-standard 5G AAS base station equipment operating in the 24.25 – 28.35 GHz band is covered by TAC 005.]

Agenda Item 4: World Telecommunication Standardization Assembly 2020 (SSAC Paper No. 3/2021)

6. Mr Jack Yip presented SSAC Paper 3/2021 and gave an overview of the World Telecommunication Standardization Assembly (“WTSA”) 2020.

7. The Chairman said that the International Telecommunication Union convened WTSA and World Radiocommunication Conference for worldwide harmonisation on telecommunications standards and frequency spectrum allocation respectively. As in the past, OFCA would consider joining the Mainland delegation team to attend WTSA 2020 to be held in 2022 in India to keep abreast of the latest development and timely update Members on the matters accordingly.

Agenda Item 5: Any Other Business

8. There being no other business, the meeting was adjourned at 3:45 p.m.

**Office of the Communications Authority
June 2021**