

**RADIO SPECTRUM AND TECHNICAL STANDARDS ADVISORY COMMITTEE**

**Performance Specification for  
Multi-Standard Radio (MSR) Base Station**

**Introduction**

This paper proposes the adoption of the following new HKCA specification –

HKCA 1065 Issue 1	Performance Specification of Multi-Standard Radio (MSR) Base Station
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**Background**

2. At the 3<sup>rd</sup> SSAC Meeting held on 23 January 2013, SSAC Paper 4/2013 was introduced to solicit the views of members about the proposal to develop a HKCA specification for MSR base station equipment. Taking into consideration the views of members, a new HKCA specification covering MSR base station equipment will be prepared in order to facilitate the rollout of MSR base stations by mobile network operators.

**Proposed New HKCA Specification**

3. A copy of the proposed new specification HKCA 1065 is given at the Annex. The specification makes reference to the following ETSI standards for the EMC requirements, and MSR base stations are required to comply with all relevant standards as given below –

- (i) EN 301 908-1 covering requirement on radiated emissions from base stations;
- (ii) EN 301 908-18 covering MSR base stations supporting the GSM, UTRA and E-UTRA radio access technologies.

4. In case that the MSR base station is capable to be configured for

operation at a single standard (i.e. E-UTRA, UTRA or GSM), it shall comply with the HKCA performance specification relevant to the concerned standard.

### **Certification Requirement**

5. MSR base stations are classified under the Compulsory Certification Scheme (CCS) of the Hong Kong Telecommunications equipment Evaluation and Certification (HKTEC) Scheme. Such equipment must be certified before they can be used in Hong Kong.

### **WTO Notification**

6. The proposed new specification HKCA 1065 is based on the European harmonized standards which are widely used internationally. As such, notification to the World Trade Organisation (WTO) is not required.

### **Recommendation**

7. It is recommended that the proposed new specification HKCA 1065 as given at the Annex be adopted by the CA.

### **Advice Sought**

8. Members are invited to give their comments on the proposed new HKCA specification and to consider the recommendation in paragraph 7 above.

Office of the Communications Authority  
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