

RADIO SPECTRUM AND TECHNICAL STANDARDS ADVISORY COMMITTEE

**Proposed Performance Specification
For On-site Radio Paging Equipment**

Purpose

This paper proposes the adoption of the following technical standard –

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| HKCA 1069 Issue 1 | Performance Specification for On-site Radio Paging Equipment |
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Background

2. On-site radio paging systems are installed in some hospitals and hotels in Hong Kong. Under the Hong Kong Telecommunications Equipment Certification Scheme, on-site radio paging equipment should be certified to comply with the technical standards prescribed by the Communications Authority. In the absence of relevant HKCA specification, on-site radio paging equipment had been certified against Type Acceptance Criteria prescribed by the then Telecommunications Authority.

3. Some on-site radio paging equipment have been used for years and due for replacement. Recently, the Office of Communications Authority has received an enquiry from equipment vendor about certification requirement of on-site radio paging equipment. In order to facilitate equipment certification of on-site radio equipment in Hong Kong, it is necessary to adopt an HKCA specification for on-site radio paging equipment.

Proposed HKCA 1069 Specification

4. In Hong Kong, the frequency bands 32.5 – 33 MHz and 458.85 – 459 MHz are allocated to on-site radio paging systems. At present, the

European Telecommunications Standards Institute (ETSI) has published a harmonized standard covering conformance test specification for on-site paging system, namely, ETSI EN 300 224-2 V1.1.1 (2001-01) “Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive” which covers the operating frequency ranges of on-site paging equipment in Hong Kong. Having considered the technical requirements and test procedures in the ETSI standard, it is recommended that ETSI EN 300 224-2 be adopted in the proposed HKCA 1069.

Certification Requirement

5. On-site radio paging equipment are classified under the Compulsory Certification Scheme of the Hong Kong Telecommunications Equipment Certification Scheme. Such equipment must be certified before they can be used in Hong Kong.

WTO Notification

6. As the proposed new specification HKCA 1069 is based on widely recognized international standard, notification to the World Trade Organisation (WTO) is not required.

Recommendation

7. It is recommended that the proposed new specification HKCA 1069 as given in Annex be adopted by the CA.

Advice Sought

8. Members are invited to give their comment on the recommendation above.

Office of the Communications Authority
January 2014