

15 February 2018

To: Senior Director

Spectrum Licensing and Auction Operations, Innovation Science and Economic Development,
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Consultation on the Technical, Policy and Licensing Framework for Wireless Microphones SMSE-019-17 Published November 2017.

Q1. ISED is seeking comments on its proposal to allow wireless microphones to use the 3 MHz guard band (614-617 MHz) and the 11 MHz duplex gap (652-663 MHz) subject to appropriate conditions to mitigate adjacent channel interference to mobile services.

A. Should technical rules be harmonized with those of the FCC to allow low power wireless microphones in the guard band (614-617 MHz) and duplex gap (653-663 MHz) with a maximum transmit e.i.r.p. of 20 mW?

6Harmonics supports the harmonisation of wireless microphone use to that followed by FCC.

B. Should a 1 MHz frequency separation be adopted for wireless microphones around the mobile service downlink spectrum (617-653 MHz) to protect mobile service operations?

6Harmonics supports the harmonisation of wireless microphone use to that followed by FCC.

Rationale.

6Harmonics agrees with the rationale taken by FCC.

Q2. ISED is seeking comments on its proposal to introduce the use of wireless microphones, on a secondary basis, into the frequency bands 941.5-952 MHz, 953-960 MHz, 6930-6955 MHz and 7100-7125 MHz with appropriate conditions to prevent interference to fixed services.

6Harmonics supports this proposal.

Rationale

This proposal will provide more spectrum to be available for wireless microphone use on a secondary basis particularly for news events. Such events typically use unlicensed UHF wireless microphones. Making this spectrum available will consequently ensure more UHF spectrum is available and clean in rural areas for rural broadband.

Q3. ISED is seeking comments on its proposal to allow wireless microphones to access the broadcasting bands (54-72 MHz, 76-88 MHz, 174-216 MHz, 470-608 MHz), the duplex gap (652-663 MHz) and the guard band (614-617 MHz) on a licence-exempt basis, and the voluntary licensing of eligible users' wireless microphones.

A. ISED is seeking comments on the eligibility criteria to determine who should be permitted to voluntarily license their systems (see paragraph 62).

B. Should ISED consider a licence-exempt approach for wireless microphones within the broadcasting or 600 MHz bands (614-617 MHz and 652-663 MHz)?

6Harmonics supports the harmonisation of wireless microphone use in these bands to that followed by FCC.

Q4. ISED is seeking comments on its proposal to license the operations of wireless microphones on a secondary basis in the frequency bands 941.5-952 MHz and 953-960 MHz, 6930-6955 MHz and 7100-7125 MHz, based on its eligibility criteria.

A. ISED is also seeking comments on the eligibility criteria (see paragraph 64).

No comment.

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