



Office of Engineering and Technology

**Inquiry:**

In order to qualify for certification, does M-LMS transmission equipment intended to be used by an M-LMS licensee that holds both the B and C block licenses in a market need to be capable of attenuating its transmissions at the 921.75 MHz band edge between the lower B block (919.75-921.75 MHz) and the lower C block (921.75-927.25 MHz) when applying the out of band emission mask indicated in Section 90.210(k)(1) of the Commission's rules?

**Response:**

The following response has been coordinated with the Wireless Bureau.

A licensee authorized to operate in both the B and C blocks can use equipment that does not attenuate its transmission at 921.75 MHz boundary between the B and C blocks .

For Certification of equipment subject to 90.210(k)(1), which applies to wideband multilateration transmitters, for any emission, manufacturers have the option for testing for Certification for B block , C block, and/or an aggregated B and C block. When applying for Certification for an aggregated B and C block, the attenuation requirement at 921.75 MHz is not required.

We note that while equipment certification ensures that a type of equipment meets the technical requirements of a given service or band, the licensee is responsible for ensuring that it can operate that piece of equipment legally. For example, while equipment may be approved to operate in aggregated B and C blocks (see 90.209(b)(5) footnote 4 and 90.353(f)), a licensee that operates equipment without attenuation at 921.75 MHz would need to have authority to operate equipment in both of these blocks in that particular market, and a licensee only holding the B or only the C block license in a particular market could not legally operate that piece of equipment.

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