



# Communication Certification Laboratory

Applicable TCB RF Exposure Procedures:

Transmitter Category:

VI) Part 15 Portable Transmitters

- c) the device and its antenna operate at less than 2.5 cm from a person’s body and the peak conducted with peak radiated (EIRP) output power not exceeding
- iii) 15 mW for the 2.4 GHz band

Section N: §15.247 Spread Spectrum Portable Transmitters operating with the device and its antenna at a separation distance less than 2.5 cm from all persons:

- Grant Conditions 2 – This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. [This device must transmit with a source-based time-averaging duty factor not exceeding -- %.]<sup>3</sup> End-users must be provided with specific operating instructions for satisfying RF exposure compliance.
- TCB must verify the device does not operate in the 5.7 GHz band and both peak conducted and peak radiated (EIRP) output power does not exceed **Verified**
  - 15 mW for 2.4 GHz band
- Specific Procedures: SP(2), SP(3), SP(5), SP(6), SP(7), SP(8) and SP(9)

Specific Procedure	Result
SP(2) - TCB must review all applicable information, including output power, antenna gain, to ensure the device meets the applicable RF exposure requirements of §§1.1307, 2.1091 and 2.1093.	Device meets the applicable RF exposure requirements (Exhibit 12)
SP(3) - TCB must ensure all necessary information has been included in the appropriate installation and/or users manuals for users and installers to satisfy RF exposure compliance. An “IMPORTANT NOTE” should be included at a conspicuous location in the manual(s) to alert all responsible parties about the specific requirements; example template - “IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied - .....”	Compliance to this specific procedure is not affected by this class II permissive change. Applicant states in Exhibit 11 (RF exposure statement) that information is supplied in user manual.
SP(5) - TCB must ensure the transmitter operates in a single frequency band.	Verified
SP(6) – TCB must ensure the device is not a modular transmitter that is installed in, or attached to, another product or device during normal operation.	Verified

<p>SP(7) - TCB must ensure that there are effective antenna installation instructions and device operating conditions for installers to satisfy RF exposure requirements; when applicable, installers include end-users, OEM integrators and third-party installers.</p>	<p>Not applicable - antenna is integral to device.</p>
<p>SP(8) - The installation and/or operating instructions must clearly indicate that these conditions are for satisfying FCC RF exposure compliance.</p>	<p>Compliance to this specific procedure is not affected by this class II permissive change. Applicant states in Exhibit 11 (RF exposure statement) that information is supplied in user manual.</p>
<p>SP(9) - TCB must: (1) determine if the Grant Conditions are applicable for the device, and (2) ensure the applicant understands that the specific device operating configurations and antenna installation instructions are for satisfying RF exposure compliance.</p>	<p>Grant conditions will not change</p>