

## Compliance with 47 CFR 15.247(i)

*“Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this chapter.”*

The EUT is a frequency hopping Digital Handheld unit that operates in the 916-927MHz band. The Digital Handheld will be used within 20 centimeters of the body of the user and can therefore be considered a portable transmitter per 47 CFR 2.1091(b). The EUT utilizes a single quarter wave monopole antenna that is permanently mounted to the PCB. The peak gain of the antenna is 3 dBi. The maximum peak conducted output power is 1.34mW.

The maximum peak power is 2.67 mW (EIRP) for FCC ID: TTB-70657HH. The EUT does not require routine SAR evaluation per "TCB Exclusions List", footnote 3 (dated July 17, 2002). See below:

The exposure category is "General Population." The distance is < 2.5 cm. Therefore the "Low Threshold" is 65.1mW (EIRP) -- above which routine SAR evaluation would be required. Since the maximum peak power of the EUT is 2.67 mW (EIRP), routine SAR evaluation is not required.

The applicant's radio, FCC ID: TTB-70657HH, is compliant with the requirements of 15.247(i).