

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 Netguard Reusable is a DSSS transceiver that operates in the 2400-2483.5MHz band. The Reusable is a patient worn ECG monitor. It can be considered a portable transmitter per 47 CFR 2.1093(b). The antenna is internal to the unit and has a 4.4 dBi gain. The maximum peak conducted output power is 0.161 mW.

The maximum peak power is 0.444 mW (EIRP) for FCC ID: DXXNG1300. The transmit frequency is 2404 to 2480 MHz, therefore the EUT does not require routine SAR evaluation per “TCB Exclusions List”, footnote 3 (dated July 17, 2002, recently revised). See below:

The exposure category is “General Population.” The distance is < 2.5 cm. Therefore the “Low Threshold” is 24.5 mW (EIRP) – above which routine SAR evaluation would be required. Since the maximum peak power of the EUT is 2.25 mW (EIRP), routine SAR evaluation is not required.

The applicant’s radio, FCC ID: DXXNG1300, is compliant with the requirements of 15.247(i).