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 NcIQ 2.4GHz radio is part of a transportable non-contact hemodynamic monitor which provides measurement of heart rate, respiration, and cardiac output. The 2.4GHz radio follows the Zigbee standard, but is only used on a single operating frequency for this application. It can be considered a portable transmitter per 47 CFR 2.1093(b). The antenna is internal to the unit and has a gain of 2 dBi. The maximum peak conducted output power is 0.922 mW.

The maximum peak power is 1.64 mW (EIRP) for FCC ID: VXZNMT-NCIQ1. The transmit frequency is 2405MHz, therefore, 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 24.5 mW (EIRP) – above which routine SAR evaluation would be required. Since the maximum peak power of the EUT is 1.64 mW (EIRP), routine SAR evaluation is not required.

The applicant's radio, FCC ID: VXZNMT-NCIQ1, is compliant with the requirements of 15.247(i).