RF Exposure Requirements

Product Description: BLUETOOTH ALEXA VOICE CONTROL SPORT EARPHONE
Model No.: NE-969
FCC ID: OKU34030

According to the KDB 447498 D01 v06, section 4.3.1, for 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation17
- The result is rounded to one decimal place for comparison

Calculation Result:

Tx frequency range: 2402-2480MHz
Min. test separation distance: 5mm Maximum
Conducted Output Power: -1.403dBm
Tune-Up output power: 3dBm = 0.002mW
RF channel transmit frequency: 2480MHz
Result: 0.0007
Limit: 3.0

The exclusion thresholds is 0.0007 < 3, so the transmitter complies with the RF exposure requirements.