RF Exposure Requirements

Product Description: Bluetooth Wireless Earbuds
Model No.: 900238R-40-C29-EAR, 900260G-40-P39, 900261G-40-G20, 900263B-40-G12, 900264B-40-G28, 900265B-40-X53, 900267B-40-D11, 900270R-40-B12, 900327B-40-G01, 900329R-40-G10, 900330G-40-G10, 900331G-40-G40, 900238, 900260, 900261, 900263, 900265, 900267, 900270, 900327, 900329, 900330, 900331, 900264
FCC ID: 2ARUI-KKSOLR

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 calculation
- 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: -2.203dBm
Tune-Up output power: -2dBm
RF channel transmit frequency: 2402MHz
Result: 0.2
Limit: 3.0

The exclusion thresholds is 0.2< 3.0, so the transmitter complies with the RF exposure requirements and the SAR is not required.