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MPE Calculation to support SAR test exclusion [FCC ID: SSNBTS1]

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance \leq 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

Conducted Power + tune up tolerance = 2.45 mW
Distance = 5 mm
f(BT, lo) = 2.402 GHz

$$[2.45/5] * \text{SQRT}(2.402) \leq 3.0$$

0.76 \leq 3.0

Conducted Power+tune up tolerance = 2.45 mW
Distance = 5 mm
f(BT, hi) = 2.48 GHz

$$[2.45/5] * \text{SQRT}(2.48) \leq 3.0$$

0.77 \leq 3.0

Therefore, this device was excluded from SAR testing according to the above results.

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Place and date
stamp.

Signature and company