

FCC ID: 2AVJVTXT-0120IP

Standalone SAR test exclusion considerations:

Date: April 24, 2020

RF feauture	Mode or Modulation	Transmitting Frequency(MHz)	Test separation distance (mm)	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm) ^{Note1}	Max. power with tune-up tolerance (mW)	Power thresholds	SAR test exclusion thresholds
BLE	GFSK	2480.00	5.0	1.80	-18.00	0.016	0.005	3.00
Zigbee	O-QPSK	2480.00	5.0	1.80	-18.00	0.016	0.005	3.00

Note1. Please refer to the operation description for Max tune-up power.

KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] \cdot [$\sqrt{f(GHz)}$] \leq 3.0 for 1g SAR and \leq 7.5 for 10g extremity SAR

Sample Calculation $= [(0.0158 \text{mW} / 5 \text{mm})] \text{ X } [\sqrt{2.48 \text{GHz}}] = 0$

Note. The calculation result was rounded to two decimal place for comparison.

Conclusion: SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required