

FCC ID: 2APTT-CBLIG007

Date: May 29, 2018

Standalone SAR test exclusion considerations: Tranceiver 1

Mode	Transmitting Frequency(MHz)	Test separation distance (mm) ^{Note}	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm)	Max. power with tune-up tolerance (mW)	Power thresholds	SAR test exclusion thresholds
-	2480.00	5.0	3.14	-0.29	0.9354	0.29	3.00
		Frequency(MHz)	Mode Frequency(MHz) distance (mm) ^{Note}	Mode Frequency(MHz) distance (dBi)	Mode Transmitting distance (mm) Note (dBi) tune-up tolerance (dBm)	Mode Transmitting distance (mm) Note (mm) Note (dBi) tune-up tune-up tolerance (dBm) (mW)	Mode Frequency(MHz) distance (mm) ^{Note} (dBi) tolerance tolerance thresholds (dBm) (mW)

Note. 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**

 $= [(0.9354 \text{mW} / 5 \text{mm})] \text{ X } [\sqrt{2.48 \text{GHz}}] = 0.29$

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