FCC ID: JFZSQ1TWR

Dt&C

RF feauture	Mode	Transmitting Frequency(MHz)	Test separation distance (mm)	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm) ^{Note1,2}	Max. power with tune-up tolerance (mW)	Power thresholds	SAR test exclusion thresholds
BT	BDR(1Mbps)	2 480.00	5.0	-0.10	5.35	3.427 7	1.08	3.00
BT	EDR(2,3Mbps)	2 480.00	5.0	-0.10	4.35	2.722 7	0.86	3.00
BLE	GFSK(1Mbps)	2 480.00	5.0	-0.10	0.00	1.000 0	0.31	3.00
							<u> </u>	

Standalone SAR test exclusion considerations

Note1. For bluetooth(BDR, EDR), the max tune-up power was based on time-averaged power.

Max Time Avg. Power = Max Burst Avg. Power + Duty facor

Duty facotr = 10 x log (TX _{on time} / Tx _{on+off time}) = 10 x log (2.88ms/3.75ms) = -1.15 dB

Note2. 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

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

Sample Calculation

= [(3.4277mW / 5mm)] X [√2.48GHz] = 1.08

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