

MPE Calculation

Model Name : **B602 R**

FCC ID : **Y6MNCOM23**

Device Category : **Portable device**

Separation distance : **30.63 mm**

KDB 447498 - 4.3.1 a)

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)] $\cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ 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

Modulation	Frequency (MHz)	Min. Test separation distance	Measured Maximum Average power	Tune-up tolerance	Max. Power with tune-up tolerance		Standalone SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
GFSK	2402	30.63	14.52	± 0.50	15.02	31.77	1.6075	3.00	PASS
	2441		14.49		14.99	31.55	1.6093	3.00	PASS
	2480		14.58		15.08	32.21	1.6561	3.00	PASS
$\pi/4$ DQPSK	2402	30.63	4.54	± 0.50	5.04	3.19	0.1615	3.00	PASS
	2441		4.78		5.28	3.37	0.1720	3.00	PASS
	2480		5.45		5.95	3.94	0.2023	3.00	PASS
8DPSK	2402	30.63	5.36	± 0.50	5.86	3.85	0.1950	3.00	PASS
	2441		5.53		6.03	4.01	0.2045	3.00	PASS
	2480		6.29		6.79	4.78	0.2455	3.00	PASS
BT LE	2402	30.63	2.54	± 0.50	3.04	2.01	0.1019	3.00	PASS
	2442		2.55		3.05	2.02	0.1030	3.00	PASS
	2480		3.30		3.80	2.40	0.1233	3.00	PASS