

Standalone SAR test exclusion considerations

Step 1)

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm = **Used**
[(max.power of channel, including tune-up torelance, mW)/(min. test separation distance, mm)] * [$\sqrt{f}$ (GHz)]

Model Name : **B901 X**

Device Category : **Portable device**

FCC ID : **Y6MNCOM21**

Separation distance : **46.0 mm**

Modulation	Frequency (MHz)	Min. Test separation distance	Measured Maximum average power	Tune-up tolerance	Max. Power with tune-up tolerance		SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
GFSK	2402	46.00	16.02	± 1.00	17.02	50.35	1.6964	3.00	PASS
	2441		17.29		18.29	67.45	2.2910	3.00	PASS
	2480		17.35		18.35	68.39	2.3414	3.00	PASS
$\pi/4$ DQPSK	2402	46.00	5.10	± 1.00	6.10	4.07	0.1373	3.00	PASS
	2441		6.71		7.71	5.90	0.2005	3.00	PASS
	2480		5.79		6.79	4.78	0.1635	3.00	PASS
8DPSK	2402	46.00	5.08	± 1.00	6.08	4.06	0.1366	3.00	PASS
	2441		6.70		7.70	5.89	0.2000	3.00	PASS
	2480		5.76		6.76	4.74	0.1624	3.00	PASS
BT LE	2402	46.00	4.30	± 1.00	5.30	3.39	0.1142	3.00	PASS
	2440		6.34		7.34	5.42	0.1841	3.00	PASS
	2480		5.45		6.45	4.42	0.1512	3.00	PASS