

Standalone SAR test exclusion considerations

Step 1)

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

Model Name : **SP77**

Device Category : **Portable device**

FCC ID : **S7A-SP77**

Separation distance : **35.0 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	35.00	12.49	± 0.50	12.99	19.91	0.8815	3.00	PASS
	2441		16.57		17.07	50.93	2.2736	3.00	PASS
	2480		16.47		16.97	49.77	2.2395	3.00	PASS
$\pi/4$ DQPSK	2402	35.00	4.28	± 0.50	4.78	3.01	0.1331	3.00	PASS
	2441		7.22		7.72	5.92	0.2641	3.00	PASS
	2480		7.01		7.51	5.64	0.2536	3.00	PASS
8DPSK	2402	35.00	4.39	± 0.50	4.89	3.08	0.1365	3.00	PASS
	2441		7.39		7.89	6.15	0.2746	3.00	PASS
	2480		7.11		7.61	5.77	0.2595	3.00	PASS
BT LE	2402	35.00	-1.36	± 0.50	-0.86	0.82	0.0363	3.00	PASS
	2440		2.59		3.09	2.04	0.0909	3.00	PASS
	2480		2.57		3.07	2.03	0.0912	3.00	PASS