

Standalone SAR test exclusion considerations

Step 1)

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm = **Used**

$[(\text{max.power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}]$

Model Name : **SP78**

Device Category : **Portable device**

FCC ID : **S7A-SP78**

Separation distance : **38.0 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	38.00	17.27	± 0.50	17.77	59.84	2.4406	3.00	PASS
	2441		17.00		17.50	56.23	2.3121	3.00	PASS
	2480		17.11		17.61	57.68	2.3902	3.00	PASS
$\pi/4$ DQPSK	2402	38.00	8.13	± 0.50	8.63	7.29	0.2975	3.00	PASS
	2441		8.14		8.64	7.31	0.3006	3.00	PASS
	2480		8.20		8.70	7.41	0.3072	3.00	PASS
8DPSK	2402	38.00	8.13	± 0.50	8.63	7.29	0.2975	3.00	PASS
	2441		8.16		8.66	7.35	0.3020	3.00	PASS
	2480		8.25		8.75	7.50	0.3108	3.00	PASS