

*** Standalone SAR test exclusion considerations**

Step 1)

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

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

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	5.00	4.06	± 0.50	4.56	2.86	1.3728	3.00	PASS
	2441	5.00	5.59	± 0.50	6.09	4.06	1.9843	3.00	PASS
	2480	5.00	5.68	± 0.50	6.18	4.15	2.0582	3.00	PASS
$\pi/4$ DQPSK	2402	5.00	0.47	± 0.50	0.97	1.25	0.6006	3.00	PASS
	2441	5.00	2.64	± 0.50	3.14	2.06	1.0060	3.00	PASS
	2480	5.00	2.69	± 0.50	3.19	2.08	1.0339	3.00	PASS
8DPSK	2402	5.00	0.52	± 0.50	1.02	1.26	0.6076	3.00	PASS
	2441	5.00	2.70	± 0.50	3.20	2.09	1.0200	3.00	PASS
	2480	5.00	2.74	± 0.50	3.24	2.11	1.0459	3.00	PASS

Thus, SAR for this device is not required.