

FCC ID : RR3-LS8688

RF EXPOSURE EVALUATION METHOD

SAR Test Exclusion Thresholds for 100MHz-6GHz and $\leq 50\text{mm}$

Approximate SAR Test Exclusion Power Thresholds at selected frequencies and Test separation distances are illustrated in the following Table.

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	SAR Test Exclusion Threshold (mW)
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	

Maximum measured transmitter power:802.11b

AVG. Conducted Power(dBm)	Max Antenna Gain (dBi)	EIRP(mw)
11.25	0.1	13.64

Maximum measured transmitter power:802.11g

AVG. Conducted Power(dBm)	Max Antenna Gain (dBi)	EIRP(mw)
12.45	0.1	17.98

Conclusion: AVG. Maximum Tx power is 17.98mw EIRP, The RF module meets 2450MHz 10mm separation distance and can be integrated in the type of host device.