

RF EXPOSURE

For RF exposure report, the power limit is $60/f(\text{in GHz})\text{mW}$,

Tx frequency range:2412-2462MHz

For limit $60/f$ is equal:

$60/2.412=24.87\text{mW}$

$60/2.437=24.62\text{ mW}$

$60/2.462=24.37\text{mW}$

1.1. Test Data

802.11b Mode:

Frequency (MHz)	Maximum Antenna Gain (numeric)	Conducted Power (dBm)	EIRP(dBm)	EIRP(mW)	Limit(mW)
2412	1.0	11.93	12.93	19.63	24.87
2437	1.0	9.42	10.42	11.02	24.62
2462	1.0	8.73	9.73	9.397	24.37

802.11g Mode:

Frequency (MHz)	Maximum Antenna Gain (numeric)	Conducted Power (dBm)	EIRP(dBm)	EIRP(mW)	Limit(mW)
2412	1.0	6.83	7.83	6.067	24.87
2437	1.0	6.91	7.91	6.180	24.62
2462	1.0	7.85	8.85	7.674	24.37

802.11n (20M) Mode:

Frequency (MHz)	Maximum Antenna Gain (numeric)	Conducted Power (dBm)	EIRP(dBm)	EIRP(mW)	Limit(mW)
2412	1.0	6.84	7.84	6.081	24.87
2437	1.0	6.97	7.97	6.266	24.62
2462	1.0	7.49	8.49	7.063	24.37

802.11n (40M) Mode:

Frequency (MHz)	Maximum Antenna Gain (numeric)	Conducted Power (dBm)	EIRP(dBm)	EIRP(mW)	Limit(mW)
2422	1.0	5.67	6.67	4.645	24.87
2437	1.0	6.13	7.13	5.164	24.62
2452	1.0	6.96	7.96	6.251	24.37

1.2. Test Result

TO TUNE UP INFORMATION

MAX POSSIBLE OUTPUT POWER(PK):11+/-1 dBm

MAX possible Conducted Power (dBm)	Antenna Gain (numeric)	EIRP (dBm)	EIRP (mW)	Limit (mW)
12	1	13	19.95	24.37

The max.output power E.I.R.P is 19.95 mW<24.37mW

Conclusion: No SAR is required.