

Appendix A: FCC Part 1.1307, 1.1310, 2.1091, 2.1093; IC RSS-Gen: RF Exposure

RF Exposure Evaluation is not required if power is below the following threshold:

Note that the EUT has a source-based time-averaged duty cycle of 5.6%. The power used for the calculation below has been adjusted for this factor.

Tunable Range		Center of Tunable Band (GHz)	60/f SAR Limitation (mW)
f(GHz) Low	f(GHz) High		
2.401	2.475	2.437	24.6

Maximum measured transmitter power:

Pout Conducted (mW) (120 mW x duty cycle (5.6%))	Maximum Antenna Gain (numeric)	Pout EIRP (mW)
6.8	3	20.3

Threshold at which no RF exposure evaluation required is 24.6 mW.

Maximum TX Power is 6.8 mW conducted (5.6% of 120 mW) and 20.3 mW EIRP.

Conclusion: No RF exposure evaluation is required since the maximum Transmitter Pout (both conducted and EIRP) is below the FCC threshold.