

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

No RF Exposure Evaluation Required if power is below the following threshold:

Note that the EUT has a source based time averaged duty cycle of no more than 10%, so the power used for the calculation below has been adjusted for this factor. See operational description for details.

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)	Maximum Antenna Gain (numeric)	Pout EIRP (mW)
9.5	1.5	13.5

Threshold at which no RF exposure evaluation is 24.6 mW.

Maximum TX Power is 9.5 mW conducted and 13.5 mW EIRP.

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