

APPENDIX A: RF EXPOSURE COMPLIANCE

FCC ID: SP8-IWTBB1142

No SAR Evaluation required if power is below the following threshold:

Tunable Range		Center of Tunable Band (GHz)	60/f SAR Limitation (mW)
f(GHz) Low	f(GHz) High		
2.405	2.480	2.443	24.56

Maximum Measured Transmitter Power:

Pout Conducted (mW)	Maximum Antenna Gain dBi	Pout EIRP Calculated (mW)
1	0.5	1.1

Threshold for no SAR evaluation is 24.56 mW

Maximum TX Power is 1 mW Conducted and 1.1 mW EIRP

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

Antenna Manufacturer/ Model	Antenna Type	Maximum Gain (dBi)	Numeric Gain	Max. Power (W)
Johanson Technology/ P/N 2450AT18A100	Ceramic	0.5	1.12	0.5