

APPENDIX A: RF EXPOSURE

FCC ID: O6Y-F1000

No SAR Evaluation is 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		
2.412	2.462	2.437	24.62

Maximum measured transmitter power:

Frequency (MHz)	P _{out} EIRP (mW)	P _{out} Conducted (mW)
2412	13	18
2437	14	16
2462	18	14

The threshold for no SAR evaluation is 24.62 mW.

Maximum TX Power is 18 mW EIRP. Please note that the EUT antenna is an integral antenna and an EIRP power measurement was performed. The EUT was rotated throughout three orthogonal axes to get the maximum value; the values presented above represent maximized power for the three test channels. Additionally, a connector was soldered to the device to perform conducted measurements. The conducted power plus the maximum peak theoretical antenna gain presented in the antenna exhibit is higher than the actual measured EIRP. Based on our measurements, we deem that the antenna gain of the antenna as installed in the EUT is significantly less (approximately 0 dBi) than the theoretical antenna gain presented in the antenna exhibit due to the effects of the enclosure and the EUT environment. As such, the measured EIRP is an accurate representation of the output power of the EUT.

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