

12 Appendix- RF Exposure Information

FCC ID: ATL- FITACTAIR

SAR Test Exclusion Calculations

1. FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v05r02.
 - (1) Clause 4.3: General SAR test reduction and exclusion guidance
 - Sub clause 4.31: Standalone SAR test exclusion considerations
 - 1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)] * $\sqrt{f_{\text{(GHz)}}}$ ≤ 3.0 for 1-g SAR
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)] * $\sqrt{f_{\text{(GHz)}}}$ $\leq 7.5.0$ for 10-g SAR

2.

Calculation:

Bluetooth Mode (BLE)						
Frequency (GHz)	Conducted Power (dBm)	Ant Gain (dBi)	TX Power (mW)	Distance (mm)	Calculation Value	Threshold Value
2.402	-2.594	0	0.550	5	0.171	3.0
2.442	-3.257	0	0.472	5	0.148	3.0
2.480	-4.732	0	0.336	5	0.106	3.0

So standalone SAR measurements are not required.