



RF exposure

FCC ID : 2AS9T-AMB100

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})]$

$\cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,

Where;

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

Results

Tune-up

Operation mode	Frequency (MHz)	Average output power (dBm)	Maximum Average output power (dBm)
BLE 1 Mbps	2 402	2.00 dB m (± 1.00 dB)	Max: 3.00 dBm
	2 442	2.00 dB m (± 1.00 dB)	Max: 3.00 dBm
	2 480	2.00 dB m (± 1.00 dB)	Max: 3.00 dBm

Frequency (GHz)	Distance (mm)	Max Average tune-up power (dBm)		Calculation Value	Exclusion Threshold
		(dBm)	(mW)		
2.402	5	3.00	1.995	0.618	≤ 3.0
2 442	5	3.00	1.995	0.624	
2 480	5	3.00	1.995	0.628	