

# RF exposure

FCC ID : **2BGVR-ALC-C-95**

Device Category : **Portable device**  
 Separation distance : **5.0 mm**

**KDB 447498 - 4.3.1 a)**

For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:  
 $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR, and  $\leq 7.5$  for 10-g extremity SAR, where

- f(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

Modulation	Frequency (MHz)	Min. Test separation distance	Measured Maximum Average power	Tune-up tolerance	Max. Power with tune-up tolerance		Standalone SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance $\leq 50$ mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
GFSK	2403	5.00	0.12	$\pm 1.00$	1.12	1.29	0.4012	3.00	PASS
	2442		0.66		1.66	1.47	0.4580	3.00	PASS
	2480		0.37		1.37	1.37	0.4318	3.00	PASS