



FCC RF Exposure

EUT Description: Mini amplifier for musical instruments

Model No.: AG-08MA, AV-08MA

FCC ID: 2BP8V-AG-08MA

Equipment type: Portable devices

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093, Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

For 100 MHz to 6 GHz and test separation distances < 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance in mm})] \cdot [f(\text{GHz})] < 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where } f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

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

The result is rounded to one decimal place for comparison

conducted power (dBm)	Max tune-up (mW)	Frequency (MHz)	Min. distance (mm)	Calc. thresholds	limit
3.21	2.0941	2402	5	0.64910	3.0
4.07	2.5527	2441	5	0.79765	3.0
4.01	2.5177	2480	5	0.79298	3.0

Conclusion: No SAR is required