

## RF Exposure evaluation

Product Description: Audio On Plus  
Model Number: MOOB-CHGM-000-001  
FCC ID: ZL5MOOB

According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  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  $\leq 7.5$  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

According to the test data,  
 $P_t=5.83\text{dBm}=0.00383\text{W}=3.83\text{mW}$

The result is rounded to one decimal place for comparison  
Worse case is as below: [2402MHz -3.83mW output power]  
 $(3.83\text{mW}/5\text{mm}) \cdot [\sqrt{2.402(\text{GHz})}] = 1.19 < 3.0$  for 1-g SAR  
Then SAR evaluation is not required

**NOTE:** For the maximum power, you can refer FCC test report.