

## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

Product Description	wireless visual otoscope
Model Name	C1, C1pro, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17
FCC ID	2AZE2-C1

### 2. EVALUATION METHOD

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  $\leq 50$  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

### 3. CALCULATION

$$P_t = 9.40 \text{ dBm} = 8.71 \text{ mW}$$

The value of the Maximum output power  $P_t$  is referred to the test report of the CFR47

§15.247.

The result for RF exposure evaluation  $\text{SAR} = (8.71 \text{ mW} / 5 \text{ mm}) \cdot [\sqrt{2.47(\text{GHz})}] = 2.72 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

### 4. CONCLUSION

The SAR evaluation is not required.