Client:	Kinsa Inc.	Job Number:	PR073348
Model:	Smart Ear Thermometer	T-Log Number:	TL073348-RA
		Project Manager:	Christine Krebill
Contact:	David Gal	Project Coordinator:	-
Standard:	FCC Part 15, EN 60601-1-2	Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

Test Specific Details

Objective: The objective of this test session is to perform an evaluation of the EUT with respect to the specification listed above.

Date of Test: 3/9/2018
Test Engineer: David Bare

General Test Configuration

MPE Calculation uses the free space transmission formula:

$$S = (PG)/(4\ \pi d^2)$$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

SAR Exclusioin calculation uses the formula for FCC KDB 447498:

$$[(\text{max. power in mW}) / (\text{min. test separation distance in mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

Summary of Results

Device complies with SAR exclusion at 5mm separation:	Yes

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC SAR Exclusion Calculation

Freq.	EUT Power		Cable Loss	Ant	Power		Separation	SAR	SAR Exclusion Limit
			Loss	Gain	at Ant	EIRP	Distance	Exclusion	
MHz	dBm	mW*	dB	dBi	dBm	mW	(mm)	Calc.	
2480	-0.4	0.9	0	1.5	-0.4	1.29	5.0	0.29	3.0