Client:	Kinsa Health	Job Number:	JD106182
Model:	QuickCare Thermometer	T-Log Number:	T106183
		Project Manager:	Christine Krebill
Contact:	David Gal	Project Coordinator:	-
Standard:	EN 60601-1-2, FCC 15B, FCC 15.247 & RSS-247	Class:	N/A

SAR Exclusion

Test Specific Details

Objective: Evaluate the RF Exposure requirements per FCC 1.1310, 2.1091 and RSS-102.

Date of Test: 11/14/2017
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 Exclusion uses the formula from FCC KDB 447498.

Summary of Results

Device complies with SAR exclusion at 5mm separation:	Yes

Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC SAR Exclusion Calculation

Freq. MHz	EUT Power dBm	EUT Power mW*	Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	SAR Exclusion Calc.	SAR Exclusion Limit
2402	-4.3	0.4	0	-1.5	-4.3	0.26	5.0	0.12	3.0
2440	-3.7	0.4	0	-1.5	-3.7	0.30	5.0	0.13	3.0
2480	-3.4	0.5	0	-1.5	-3.4	0.32	5.0	0.14	3.0

Note: Medical Implants shall be less than 1 mW output power or EIRP for SAR exclusion.