

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