Client:	Fitbit, Inc.	Job Number:	JD102889
Model:	FB408	T-Log Number:	T102957
		Project Manager:	Deepa Shetty
Contact:	Ricky Wang	Project Coordinator:	-
Standard:	FCC 15.247, RSS-247, LP0002	Class:	N/A

SAR Exclusion

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 11/1/2016

Test Engineer: Mark Hill

General Test Configuration

Per KDB 447498 D01, Section 4.3.1 - The 1-g and 10-g SAR test exclusion thresholds for 100MHz to 6GHz at a test separation distance ≤ 50mm is determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]*[(freq in GHz)$^{0.5}$] ≤ 3 (for 1-g) or 7 (10-g)

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.

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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
2480	4.3	2.7	0	-7.7	4.3	0.46	5.0	0.85	3.0

Industry Canada SAR Exclusion Calculation (Highest of output power or EIRP)

Freq. MHz	EUT Power dBm	EUT Power mW*	Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	Maximum Power or EIRP	SAR Exclusion Limit (mW)
2480	4.3	2.7	0	-7.7	4.3	0.46	5.0	2.69	4.0

Note: The body (1-g) SAR exclusion thresholds were used, as it is reasonable to assume the product could be located close/adjacent to the body, not just on the extremities

Note: This represents the highest output power including production tolerances.