



EMC Test Data

Client:	Zume, Inc.	PR Number:	PR102060
Model:	ZFK-SK1	T-Log Number:	TL102060-RA
Contact:	Daniel Paley / Josh Goldberg	Project Manager:	Christine Krebill
Standard:	FCC §15.247	Project Engineer:	David Bare
		Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

Test Specific Details

Objective: Evaluate the RF Exposure requirements per FCC 1.1310 and 2.1093

Date of Test: 7/23/2019

Test Engineer: David Bare

General Test Configuration

SAR exclusion calculation formula is from FCC KDB 447498 D01 section 4.3:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{\text{(GHz)}}}]$$

Where: $f_{\text{(GHz)}}$ is the RF transmit channel frequency

Summary of Results

Device complies with SAR exclusion at 5mm separation:	Yes
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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
	dBm	mW*							
2480	0.0	1.0	0	-7	0.0	0.20	5.0	0.31	3.0