Client:	Aruba, a Hewlett Packard Enterprise company	Job Number:	PR090857
Model:	ARCN9004	T-Log Number:	TL090857-RA
		Project Manager:	Christine Krebill
Contact:	Jack Liu	Project Coordinator:	David Bare
Standard:	FCC 15.247, EN 300 328, LP0002	Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

Test Specific Details

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

Date of Test: 5/22/2019
Test Engineer: David Bare

General Test Configuration

Calculation uses the free space transmission formula:

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

or SAR exclusion calculation from FCC KDB 447498 or Table 1 of RSS-102

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). FCC SAR exclusion calculation

Summary of Results

Device complies with SAR exclusion at 5 or 10 mm 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	7.1	5.1	0	-15.6	7.1	0.14	5.0	1.59	3.0
2440	6.8	4.8	0	-15.5	6.8	0.13	5.0	1.50	3.0
2480	6.4	4.4	0	-15.3	6.4	0.13	5.0	1.37	3.0