



Co-location Report

FCC ID: 2ABLK-804MESH

APPLICANT: Calix Inc.

Application Type: Certification

Product: 804Mesh Dual Wi-Fi

Model No.: 804MESH

Brand Name: Calix

FCC Classification: Digital Transmission System (DTS)
Unlicensed National Information Infrastructure (UNII)

Test Date: September 25, 2017

Reviewed By :



(Sunny Sun)

Approved By :



(Marlin Chen)



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. Test results reported herein relate only to the item(s) tested.

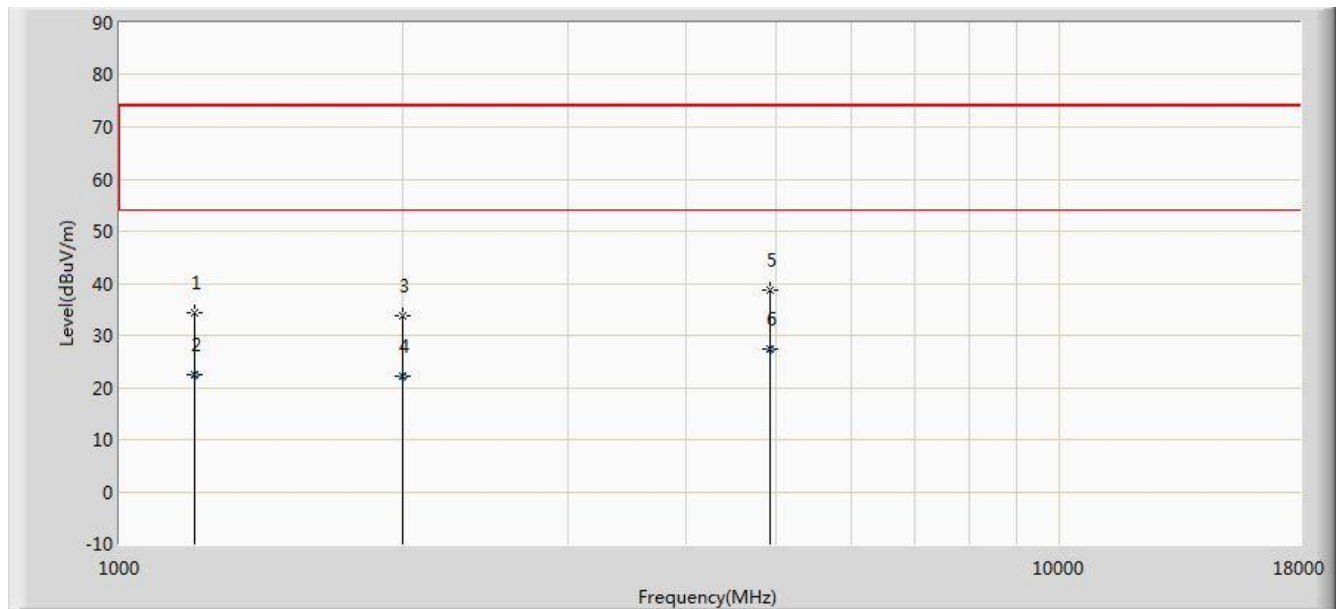
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Revision History

Report No.	Version	Description	Issue Date	Note
1709RSU00404	Rev. 01	Initial report	10-25-2017	

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz Transmit + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Jone Zhang	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~1000MHz and 18GHz~40GHz, the permissible value is not show in the report.		

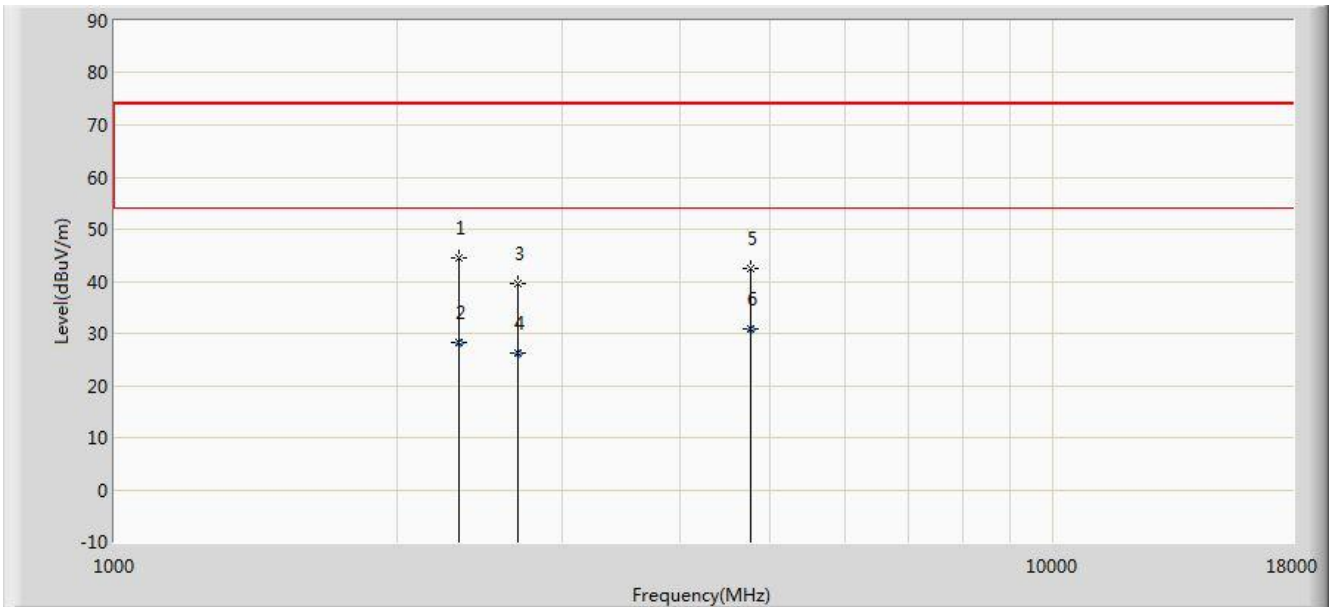


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1204.000	34.256	40.653	-39.744	74.000	-6.397	PK
2			1204.000	22.540	28.937	-31.460	54.000	-6.397	AV
3			2003.000	33.884	38.369	-40.116	74.000	-4.485	PK
4			2003.000	22.094	26.579	-31.906	54.000	-4.485	AV
5			4918.500	38.617	36.065	-35.383	74.000	2.551	PK
6			4918.500	27.290	24.738	-26.710	54.000	2.551	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Test Mode:	2.4GHz Transmit + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Jone Zhang	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~1000MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2326.000	44.424	46.608	-29.576	74.000	-2.183	PK
2			2326.000	28.314	30.498	-25.686	54.000	-2.183	AV
3			2691.500	39.481	41.852	-34.519	74.000	-2.372	PK
4			2691.500	26.304	28.675	-27.696	54.000	-2.372	AV
5			4757.000	42.437	39.438	-31.563	74.000	2.999	PK
6			4757.000	30.834	27.835	-23.166	54.000	2.999	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

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