



## Co-location Report

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**FCC ID:** 2ABLK-844E-1

**APPLICANT:** Calix Inc.

**Application Type:** Certification

**Product:** WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway  
with USB

**Model No.:** 844E-1

**Trademark:** Calix

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

**Test Date:** Jan. 13 ~ Mar. 08, 2015

Reviewed By : Robin Wu  
( Robin Wu )

Approved By : Marlin Chen  
( 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 C63.4-2009. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

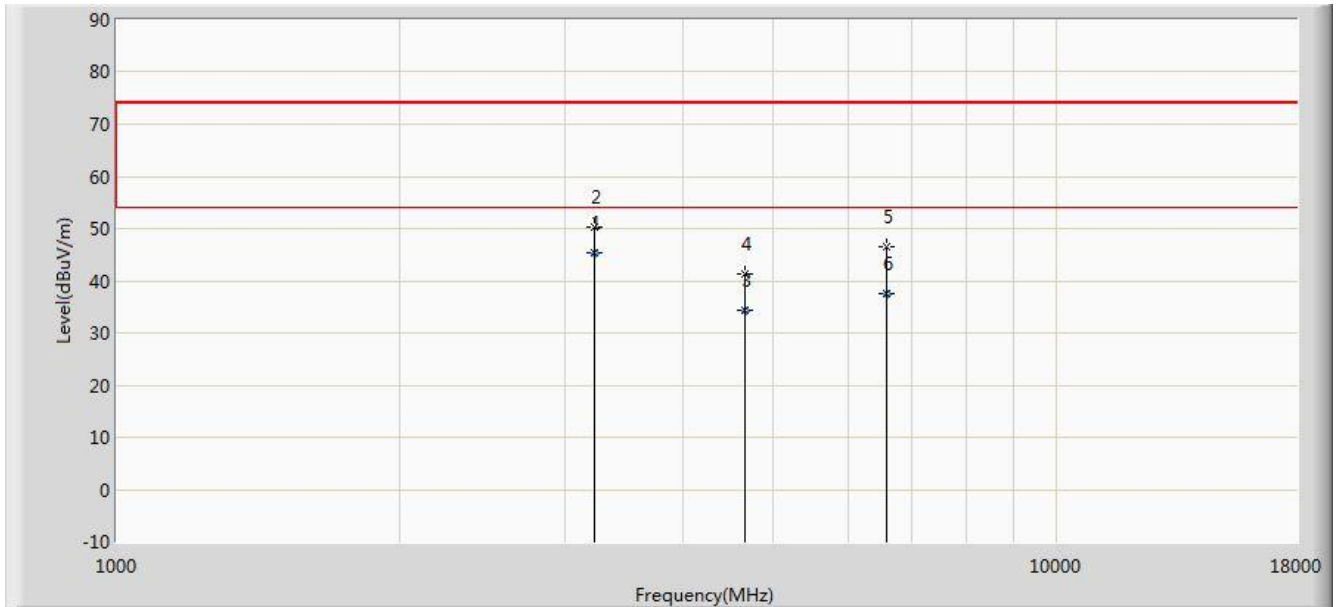
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## Revision History

Report No.	Version	Description	Issue Date
1501RSU00605	Rev. 01	Initial report	03-21-2015

## 1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		

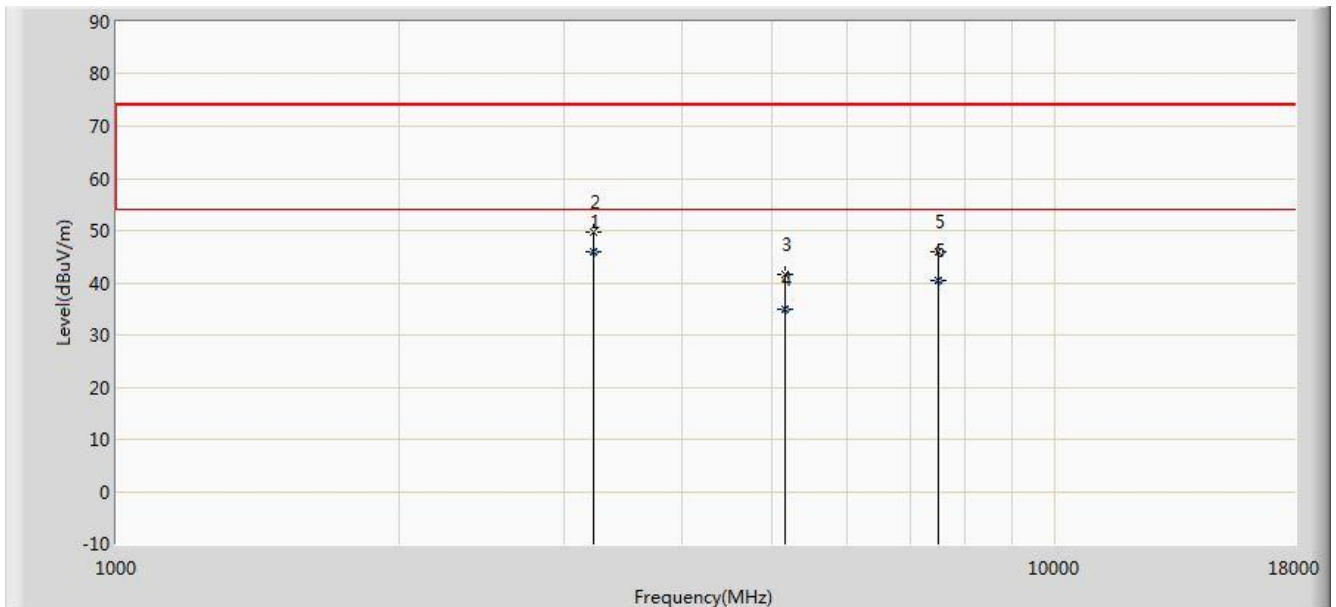


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			3218.350	45.286	46.920	-8.714	54.000	-1.633	AV
2		*	3218.500	50.205	51.839	-23.795	74.000	-1.634	PK
3			4663.144	34.216	32.024	-19.784	54.000	2.192	AV
4			4663.500	41.187	38.994	-32.813	74.000	2.193	PK
5			6593.000	46.392	40.395	-27.608	74.000	5.997	PK
6			6593.250	37.596	31.599	-16.404	54.000	5.997	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 + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz 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			3218.350	46.025	47.659	-7.975	54.000	-1.633	AV
2			3218.500	49.692	51.326	-24.308	74.000	-1.634	PK
3			5165.000	41.478	38.193	-32.522	74.000	3.285	PK
4			5165.255	34.944	31.659	-19.056	54.000	3.285	AV
5		*	7511.000	46.077	37.787	-27.923	74.000	8.290	AV
6			7511.022	40.315	32.025	-13.685	54.000	8.290	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

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