



MRT Technology (Suzhou) Co., Ltd
Phone: +86-512-66308358
Fax: +86-512-66308368
Web: www.mrt-cert.com

Report No.: 1502RSU00405
Report Version: V02
Issue Date: 11-24-2015

Co-location Report

FCC ID: 2ABLK-8X4G-1V2

APPLICANT: Calix Inc.

Application Type: Certification

Product: WIFI dual band 4 GE LAN GPON HGU

Model No.: 844G-1, 854G-1, 844GE-1

Brand Name: Calix

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

Test Date: June 01, 2014 ~ March 23, 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.

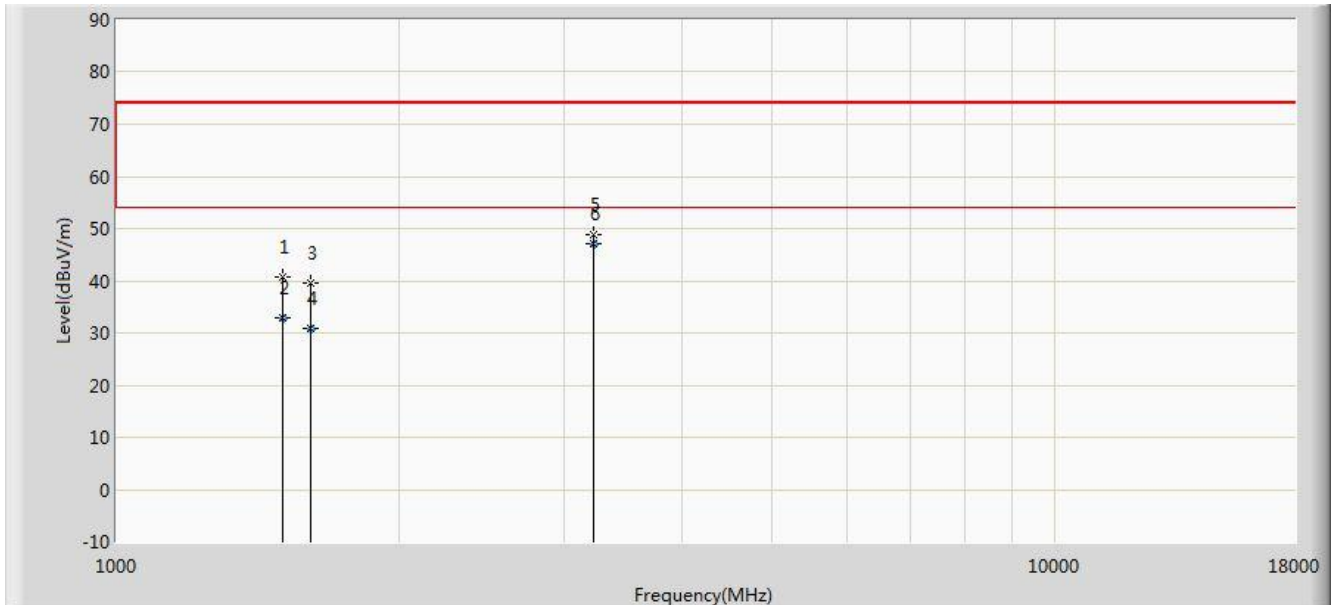
The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date
1504RSU00405	Rev. 01	Initial report	04-01-2015
1504RSU00405	Rev. 02	Added the model number "844GE-1"	11-24-2015

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.		

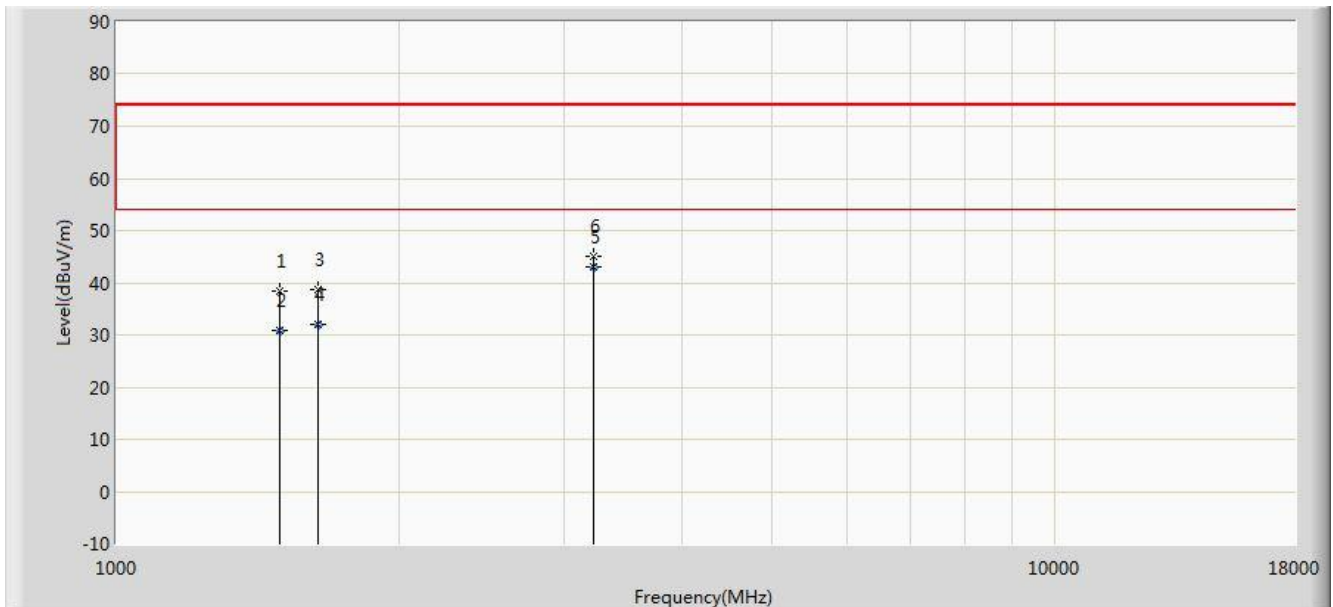


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1501.500	40.743	42.042	-33.257	74.000	-1.299	PK
2			1501.560	32.916	34.215	-21.084	54.000	-1.299	AV
3			1612.000	39.510	40.589	-34.490	74.000	-1.079	PK
4		*	1612.022	30.975	32.054	-23.025	54.000	-1.079	AV
5			3218.500	48.939	45.456	-25.061	74.000	3.483	PK
6			3218.530	47.029	43.547	-6.971	54.000	3.483	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		*	1493.000	38.427	39.740	-35.573	74.000	-1.313	PK
2			1493.320	30.741	32.054	-23.259	54.000	-1.313	AV
3			1637.500	38.626	39.685	-35.374	74.000	-1.058	PK
4			1637.523	32.061	33.120	-21.939	54.000	-1.058	AV
5			3218.421	42.943	39.460	-11.057	54.000	3.482	AV
6			3218.500	45.011	41.528	-28.989	74.000	3.483	PK

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

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

The End