



Co-location Report

FCC ID: 2ABLK-8X4G-2

APPLICANT: Calix Inc.

Application Type: Certification

Product: WIFI dual band 4 GE LAN GPON HGU

Model No.: 844G-2, 854G-2

Brand Name: Calix

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

Test Date: July 11 ~ 29, 2014

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.

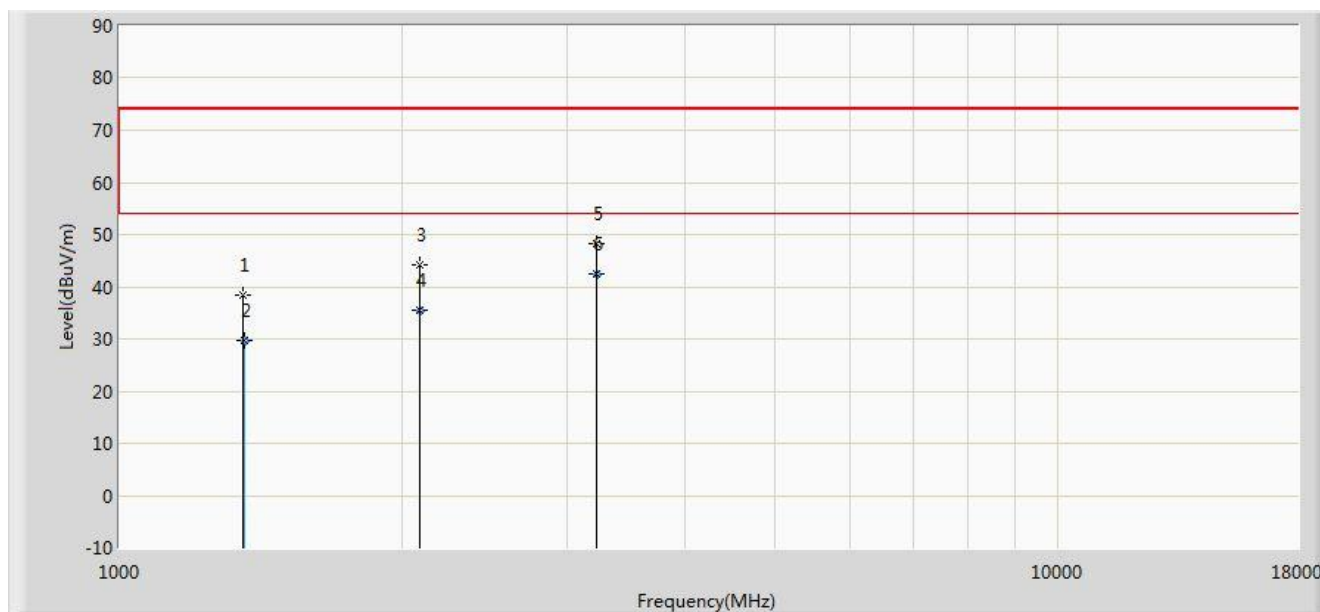
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Revision History

Report No.	Version	Description	Issue Date
1407RSU03305	Rev. 01	Initial report	08-06-2014

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.		

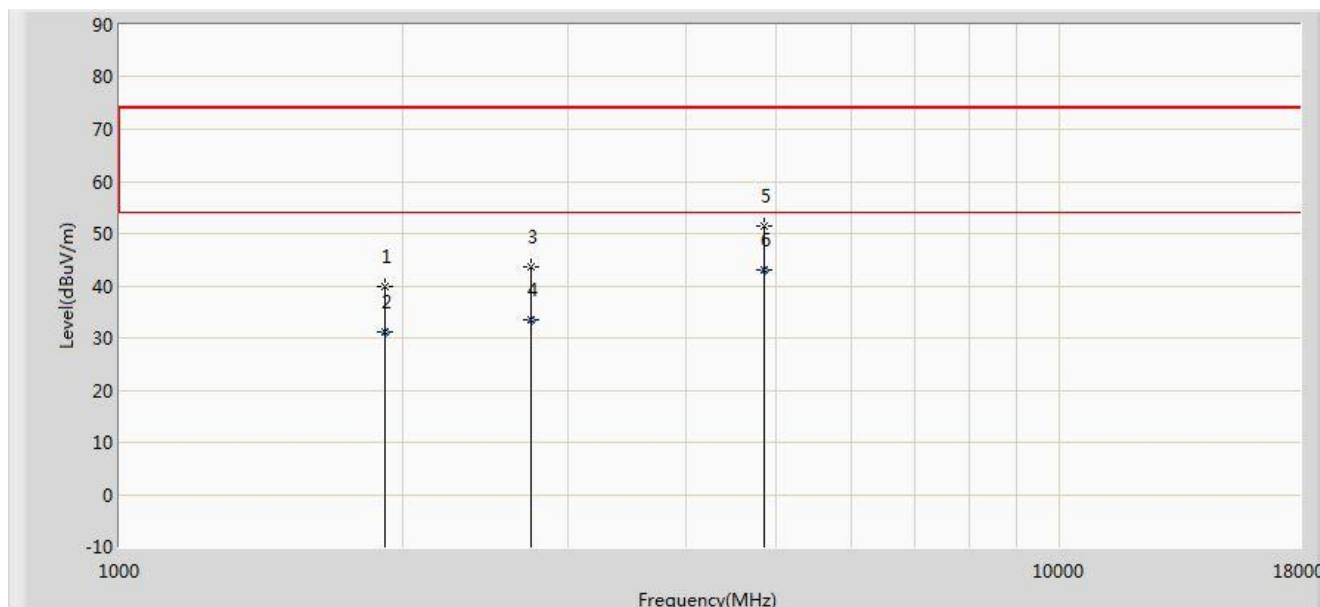


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1357.000	38.314	39.708	-35.686	74.000	-1.394	PK
2			1357.250	29.630	31.025	-24.370	54.000	-1.396	AV
3			2088.000	44.144	42.241	-29.856	74.000	1.903	PK
4		*	2088.053	35.584	33.680	-18.416	54.000	1.904	AV
5			3218.500	48.133	44.650	-25.867	74.000	3.483	PK
6			3218.553	42.361	38.879	-11.639	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		*	1918.000	39.934	39.232	-34.066	74.000	0.702	PK
2			1918.363	31.224	30.520	-22.776	54.000	0.704	AV
3			2742.500	43.745	40.486	-30.255	74.000	3.259	PK
4			2742.563	33.519	30.260	-20.481	54.000	3.259	AV
5			4850.500	51.330	44.840	-22.670	74.000	6.490	PK
6			4850.533	43.140	36.650	-10.860	54.000	6.490	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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