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Report No.: 1407RSU00305
Report Version: V01
Issue Date: 12-07-2014

Co-location Report

FCC ID: SFK-WF122

APPLICANT: CIG Shanghai Co., Ltd.

Application Type: Certification

Product: High performance dual band 2x2 802.11n indoor AP

Model No.: WF-122

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

Test Date: Dec. 03 ~ 05, 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.

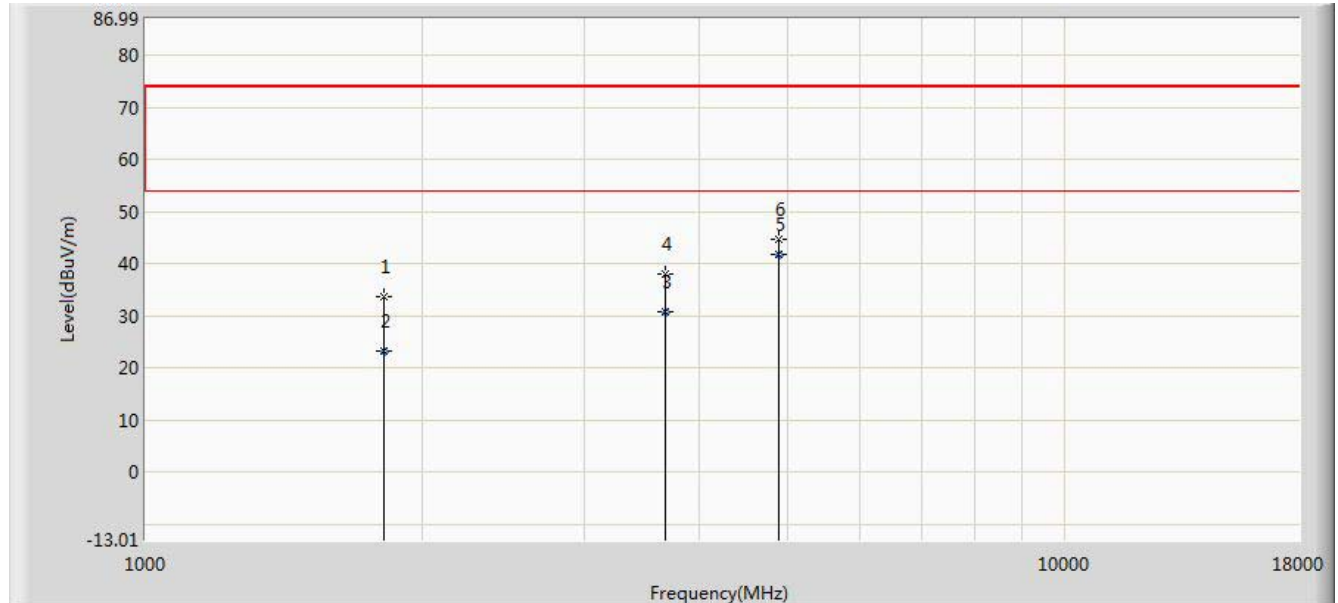
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Revision History

Report No.	Version	Description	Issue Date
1407RSU00305	Rev. 01	Initial report	12-07-2014

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.		

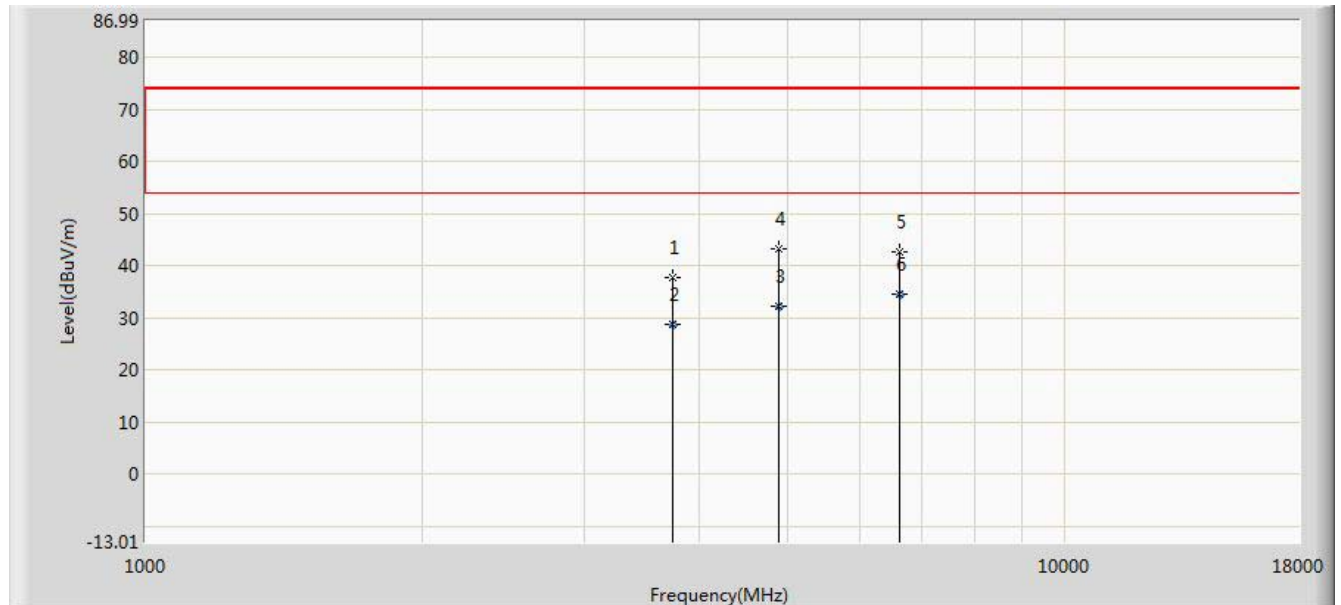


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1816.000	33.512	33.494	-40.488	74.000	0.018	PK
2			1816.200	23.275	23.255	-30.725	54.000	0.020	AV
3			3677.255	30.871	26.874	-23.129	54.000	3.997	PK
4		*	3677.500	38.047	34.050	-35.953	74.000	3.997	AV
5			4884.250	41.636	34.987	-12.364	54.000	6.648	AV
6			4884.500	44.622	37.972	-29.378	74.000	6.651	PK

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		*	3745.500	37.824	33.694	-36.176	74.000	4.130	PK
2			3746.355	28.790	24.658	-25.210	54.000	4.132	AV
3			4884.255	32.294	25.645	-21.706	54.000	6.648	PK
4			4884.500	43.205	36.555	-30.795	74.000	6.651	AV
5			6610.000	42.734	31.982	-31.266	74.000	10.752	PK
6			6612.020	34.410	23.650	-19.590	54.000	10.760	AV

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