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Report No.: 1410RSU03105
Report Version: V01
Issue Date: 11-24-2014

Co-location Report

FCC ID: SFK-WF180

APPLICANT: CIG Shanghai Co., Ltd.

Application Type: Certification
Product: 2x2 dual band 802.11ac indoor AP
Model No.: WF-180
FCC Classification: Digital Transmission System (DTS)
Unlicensed National Information Infrastructure (UNII)
Test Date: Sep. 15 ~ 24, 2014

Reviewed By : Robin Wu
(Robin Wu)

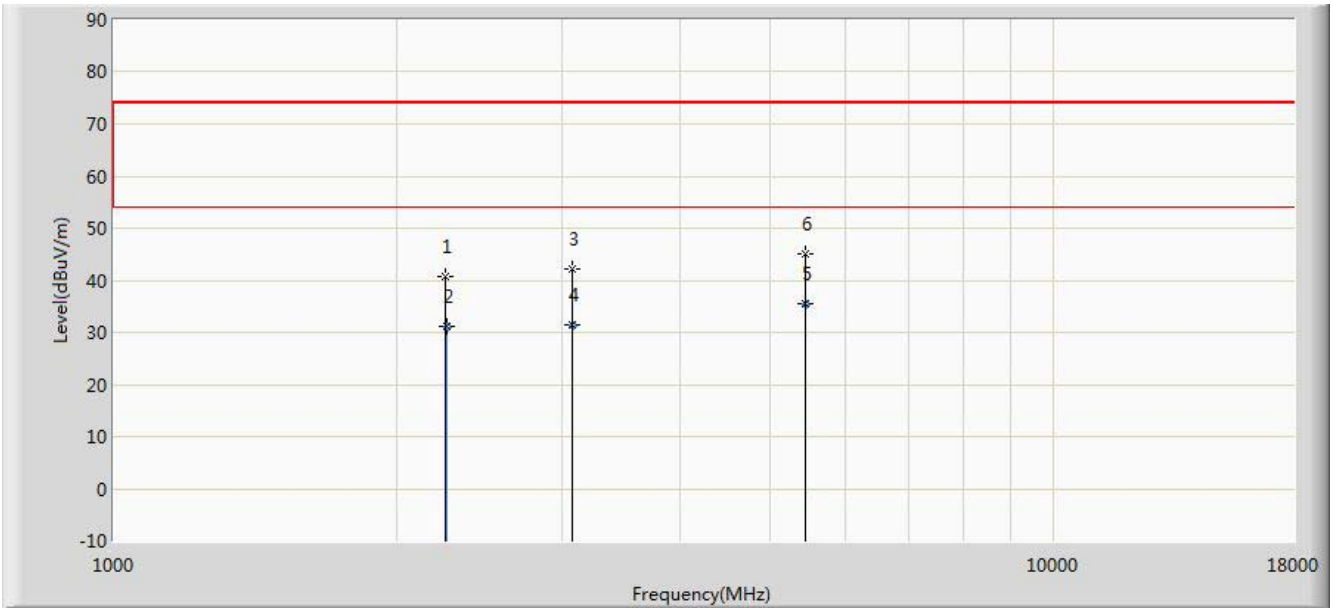
Approved By : Marlin Chen
(Marlin Chen)

Revision History

Report No.	Version	Description	Issue Date
1410RSU03105	Rev. 01	Initial report	11-24-2014

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.		

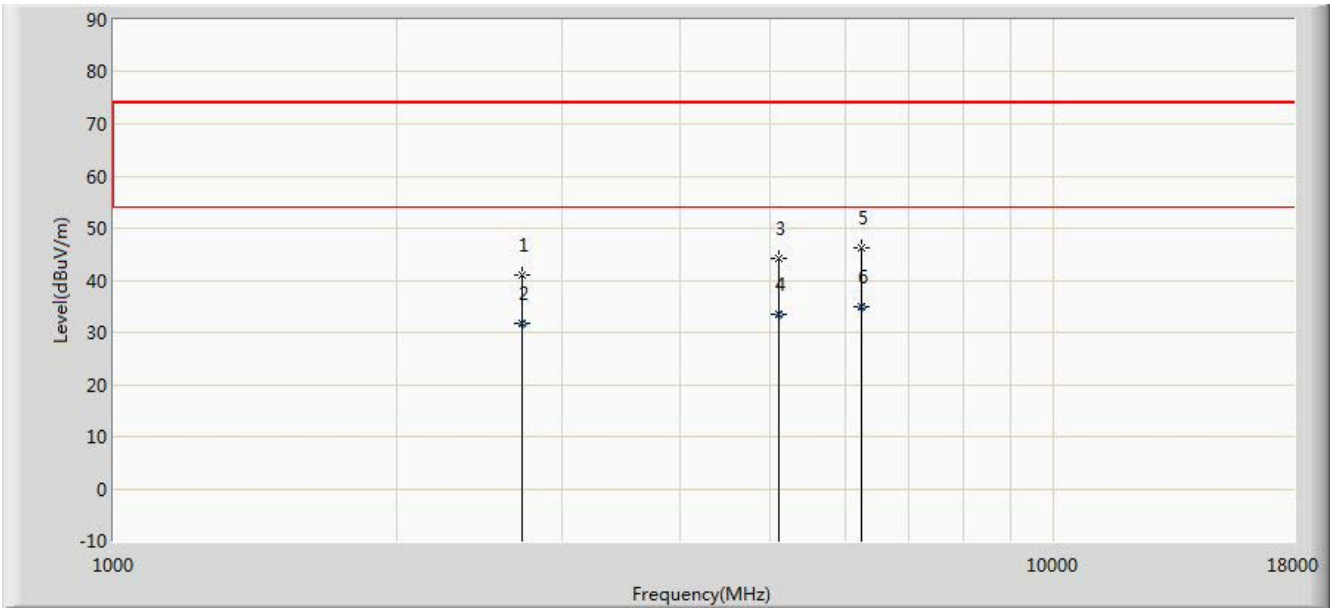


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2258.000	40.786	37.694	-33.214	74.000	3.092	PK
2			2258.650	31.043	27.952	-22.957	54.000	3.090	AV
3			3074.000	42.037	38.559	-31.963	74.000	3.478	PK
4		*	3074.550	31.428	27.950	-22.572	54.000	3.478	AV
5			5445.355	35.368	28.355	-18.632	54.000	7.012	AV
6			5445.500	45.077	38.064	-28.923	74.000	7.012	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + 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		*	2717.000	41.105	37.825	-32.895	74.000	3.280	PK
2			2717.024	31.630	28.350	-22.370	54.000	3.280	AV
3			5097.000	44.095	36.998	-29.905	74.000	7.097	PK
4			5097.355	33.619	26.520	-20.381	54.000	7.099	AV
5			6253.000	46.228	36.744	-27.772	74.000	9.484	PK
6			6253.255	34.843	25.358	-19.157	54.000	9.485	AV

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

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

The End