



Co-location Report

FCC ID: TK4MMN344VX

APPLICANT: Compex Systems Pte Ltd

Application Type: Certification

Product: WIRELESS ACCESS POINT

Model No.: MMN344LV-A

Brand Name: COMPEX

FCC Classification: Digital Transmission System (DTS)

Unlicensed National Information Infrastructure (UNII)

Test Date: July 21 ~ 31, 2017

Reviewed By : Jame Yuan
(Jame Yuan)

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 C63.4-2013. Test results reported herein relate only to the item(s) tested.

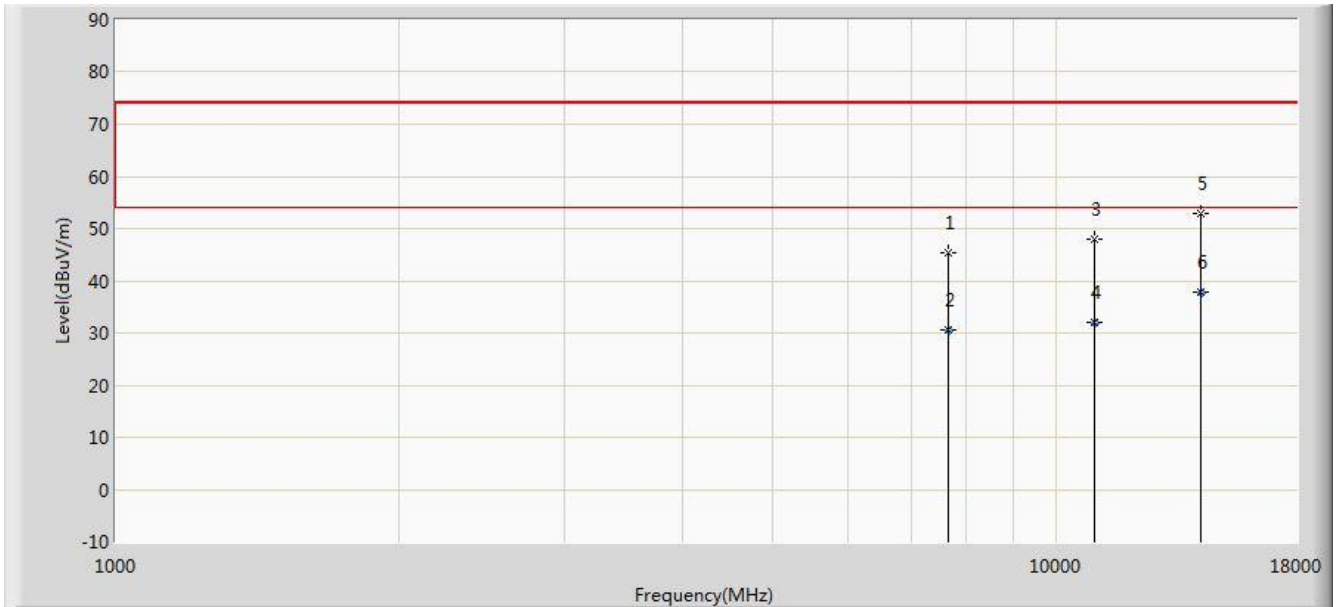
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Revision History

Report No.	Version	Description	Issue Date	Note
1707RSU02705	Rev. 01	Initial report	08-10-2017	Invalid
1707RSU02705	Rev. 02	Deleted some test data	09-15-2017	Valid

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC2
Test Engineer:	Kevin Ker	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.		



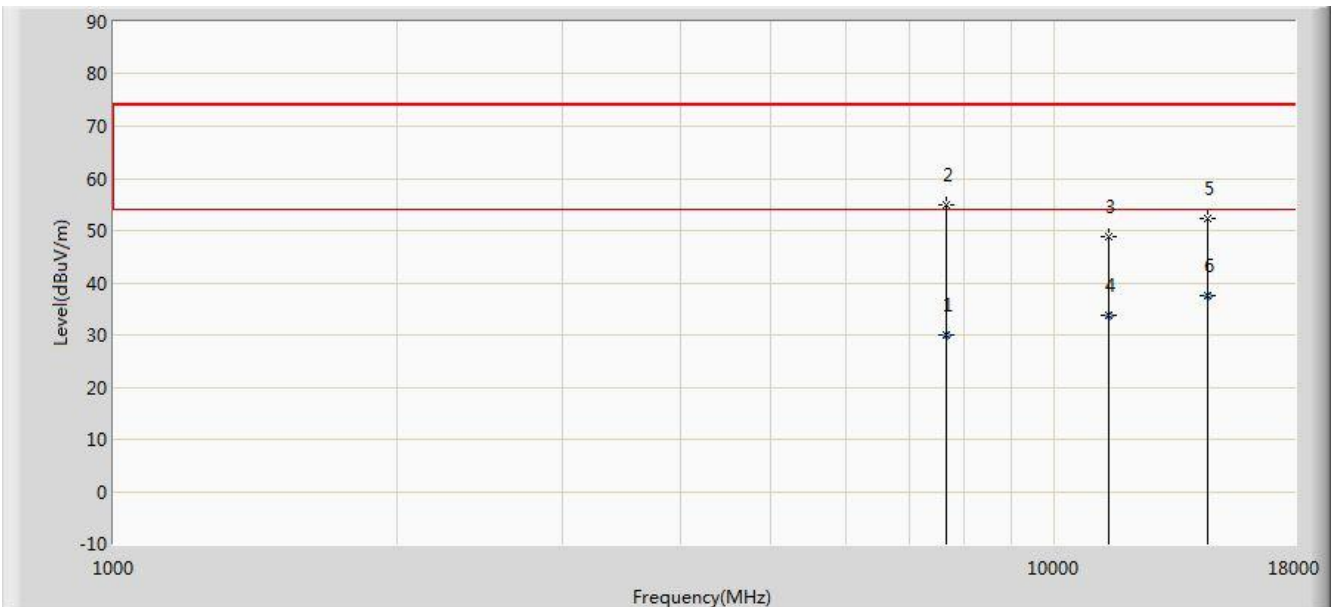
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7664.000	45.403	34.990	-28.597	74.000	10.413	PK
2			7664.000	30.436	20.023	-23.564	54.000	10.413	AV
3			10979.000	47.954	31.491	-26.046	74.000	16.464	PK
4			10979.000	32.143	15.680	-21.857	54.000	16.464	AV
5			14226.000	52.955	31.644	-21.045	74.000	21.311	PK
6			14226.000	37.761	16.450	-16.239	54.000	21.311	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC2
Test Engineer:	Kevin Ker	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			7659.275	30.025	19.487	-23.975	54.000	10.538	AV
2			7664.000	55.071	44.658	-18.929	74.000	10.413	PK
3			11404.000	48.726	31.525	-25.274	74.000	17.201	PK
4			11404.000	33.747	16.546	-20.253	54.000	17.201	AV
5			14523.500	52.425	31.547	-21.575	74.000	20.877	PK
6			14523.500	37.621	16.743	-16.379	54.000	20.877	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

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