

Co-location Report

FCC ID : 2ACS5-ST10C

APPLICANT : Yuneec Technology Co., Limited

Application Type : Certification

Product : Personal Ground Station

Model No. : ST10C

Brand Name : YUNEEC

FCC Classification : Digital Transmission System (DTS)

FCC Classification : Unlicensed National Information Infrastructure (UNII)

Test Date : November 09 ~ 22, 2017

Reviewed By : Paddy Chen

(Paddy Chen)

Approved By : Chenz Ker

(Chenz Ker)



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 C63.4-2014. Test results reported herein relate only to the item(s) tested.

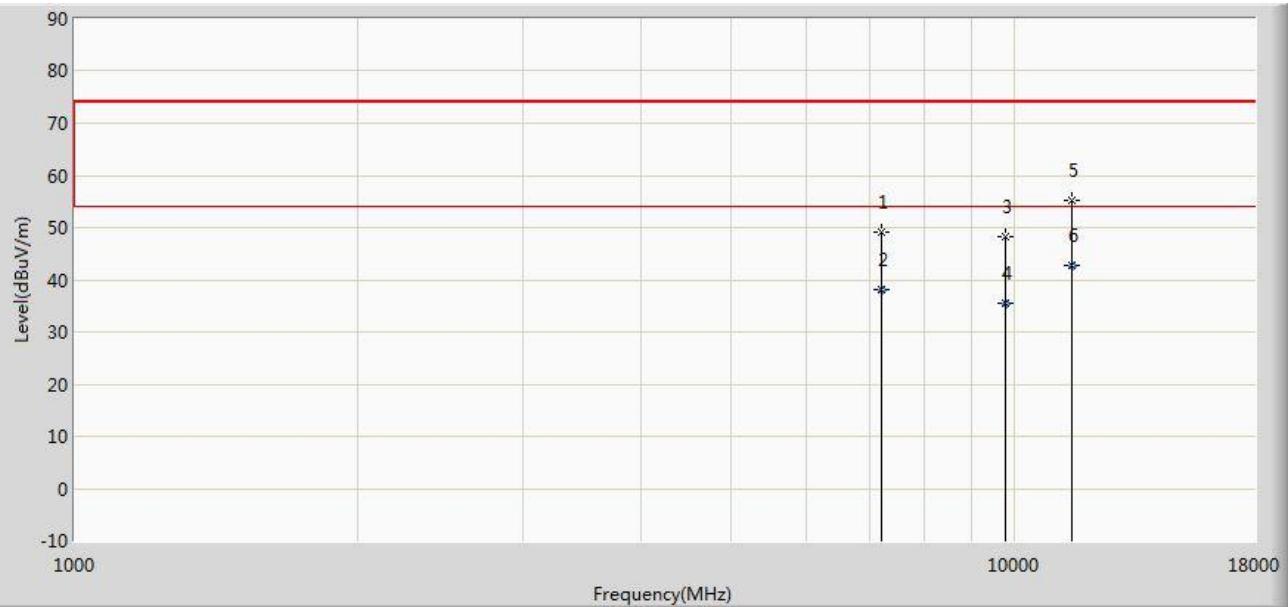
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Revision History

Report No.	Version	Description	Issue Date	Note
1711TW0140-U3	Rev. 01	Initial report	12-12-2017	Valid

1. Test Result of Radiated Emissions for Co-located

Test Mode:	2.4GHz ZigBee + 5GHz WLAN Transmit	Test Site:	AC1
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.		



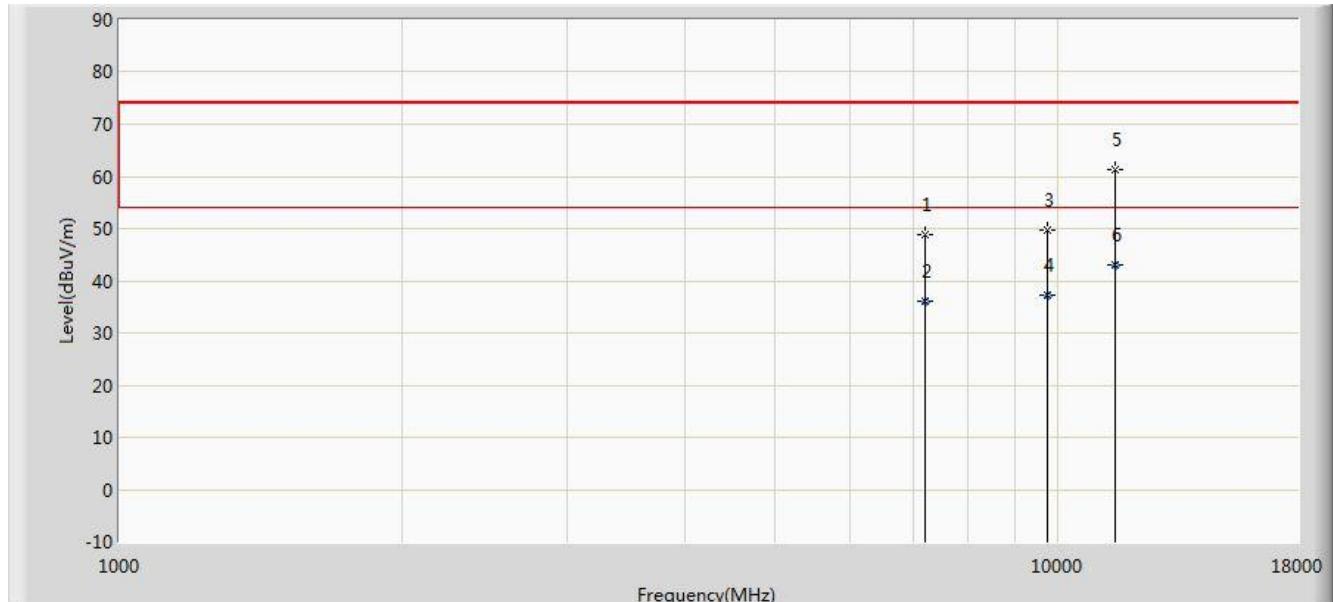
No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Over Limit (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			7213.500	49.223	41.426	-24.777	74.000	7.797	PK
2			7213.500	38.013	30.216	-15.987	54.000	7.797	AV
3			9763.500	48.353	36.938	-25.647	74.000	11.415	PK
4			9763.580	35.540	24.125	-18.460	54.000	11.415	AV
5			11480.500	55.206	42.475	-18.794	74.000	12.731	PK
6	*		11480.720	42.857	30.125	-11.143	54.000	12.731	AV

Note 1: 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).

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 ZigBee + 5GHz WLAN Transmit	Test Site:	AC1
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			7222.000	48.760	40.975	-25.240	74.000	7.785	PK
2			7222.240	36.072	28.286	-17.928	54.000	7.785	AV
3			9755.000	49.670	38.280	-24.330	74.000	11.390	PK
4			9755.659	37.263	25.869	-16.737	54.000	11.393	AV
5			11489.000	61.170	48.416	-12.830	74.000	12.754	PK
6		*	11489.560	42.968	30.213	-11.032	54.000	12.755	AV

Note 1: 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).

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

The End