



Co-location Report

FCC ID: 2ACS5-ST12

APPLICANT: Yuneec Technology Co., Limited

Application Type: Certification

Product: Radio Controller

Model No.: ST12

Brand Name: YUNEEC

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

Test Date: November 20 ~ December 4, 2015

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

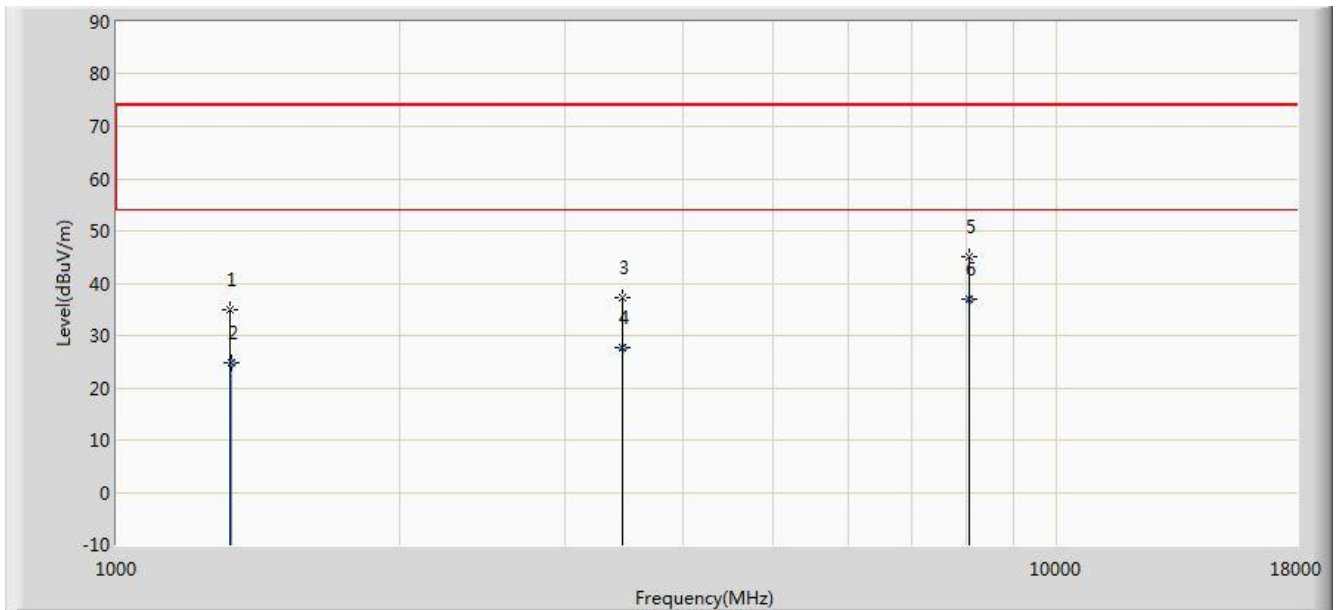
The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date
1511RSU00703	Rev. 01	Initial report	12-22-2015

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.		



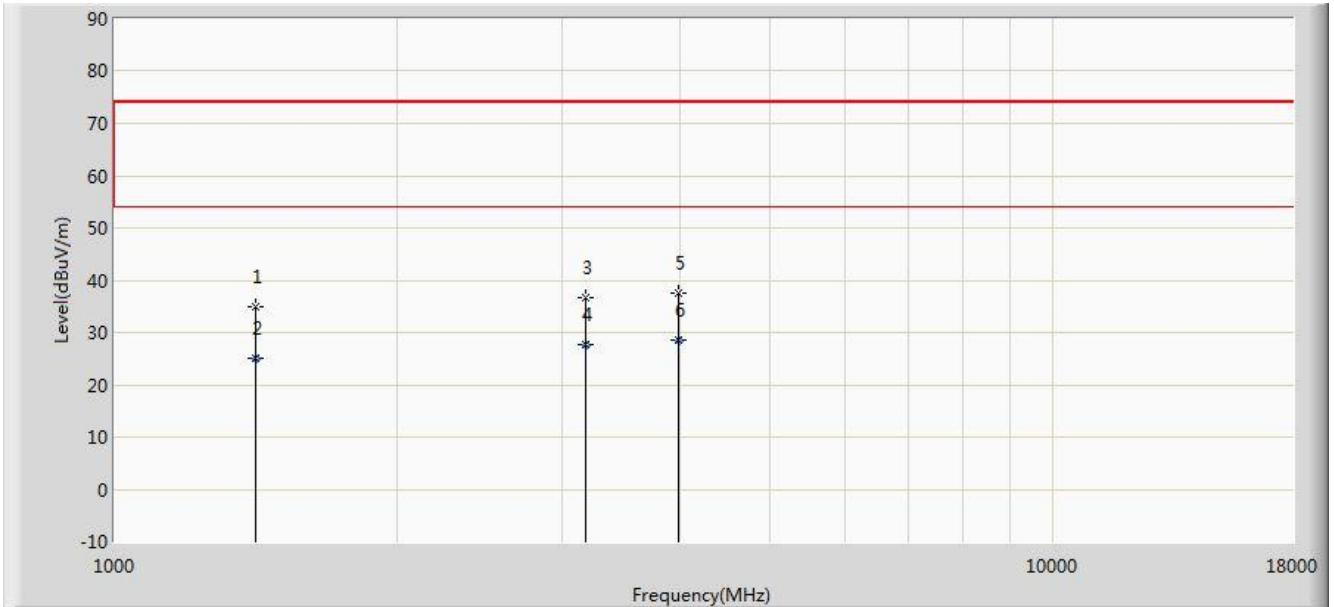
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1323.000	34.835	42.906	-39.165	74.000	-8.071	PK
2			1323.854	24.812	32.877	-29.188	54.000	-8.064	AV
3			3456.500	37.108	38.494	-36.892	74.000	-1.387	PK
4		*	3457.052	27.774	29.157	-26.226	54.000	-1.383	AV
5			8063.500	45.024	36.300	-28.976	74.000	8.724	PK
6			8063.855	36.880	28.158	-17.120	54.000	8.722	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:	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		*	1416.500	35.010	42.935	-38.990	74.000	-7.926	PK
2			1416.877	25.154	33.078	-28.846	54.000	-7.924	AV
3			3176.000	36.677	38.237	-37.323	74.000	-1.560	PK
4			3176.522	27.596	29.157	-26.404	54.000	-1.562	AV
5			3992.000	37.467	37.093	-36.533	74.000	0.374	PK
6			3992.258	28.549	28.175	-25.451	54.000	0.374	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.

The End