



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)
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.

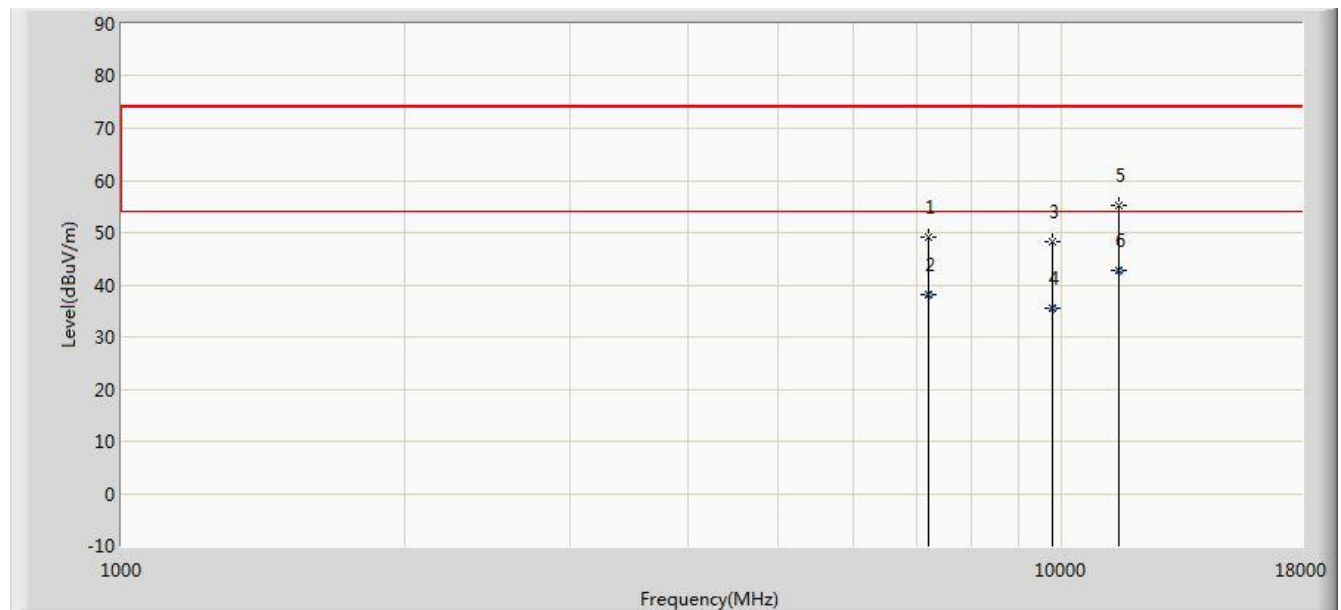
The test report shall not be reproduced except in full without the written approval of MRT Technology (Taiwan) Co., Ltd.

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. | | |



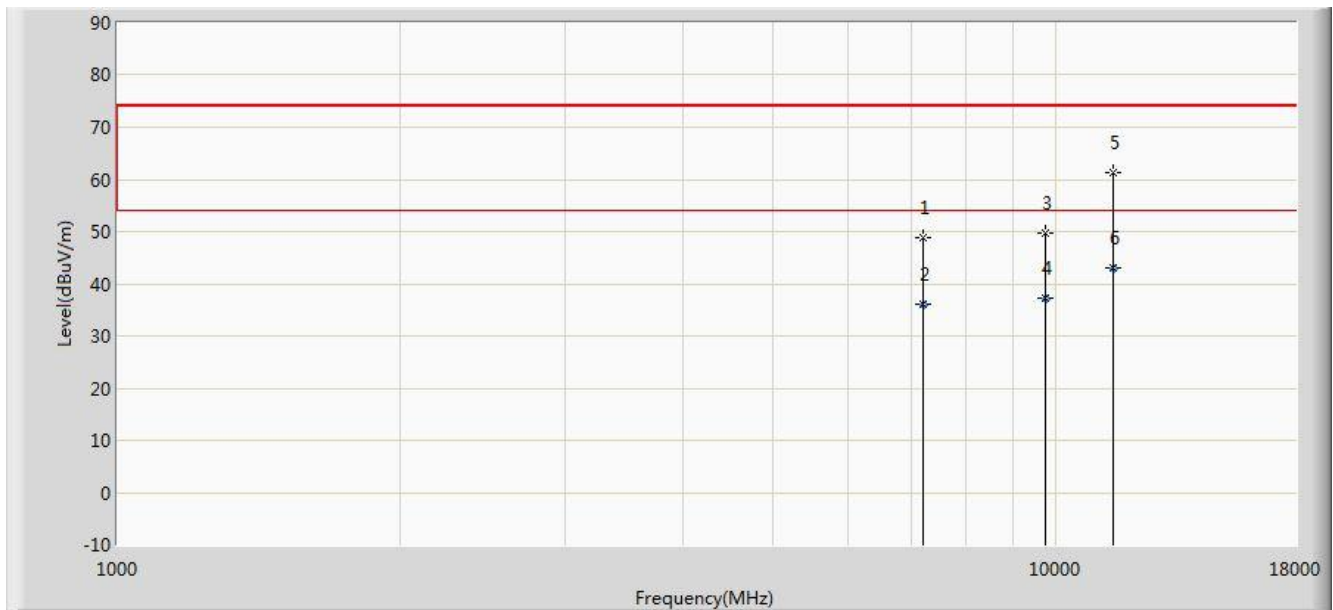
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1 | | | 7213.500 | 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 (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 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 (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