

## Co-location Report

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**FCC ID:** 2ACS5-YUNFBD  
**IC:** 11554B-YUNFBD  
**APPLICANT:** Yuneec Technology Co., Limited

**Application Type:** Certification  
**Product:** Firebird FPV  
**Model No.:** YUNFBD  
**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.

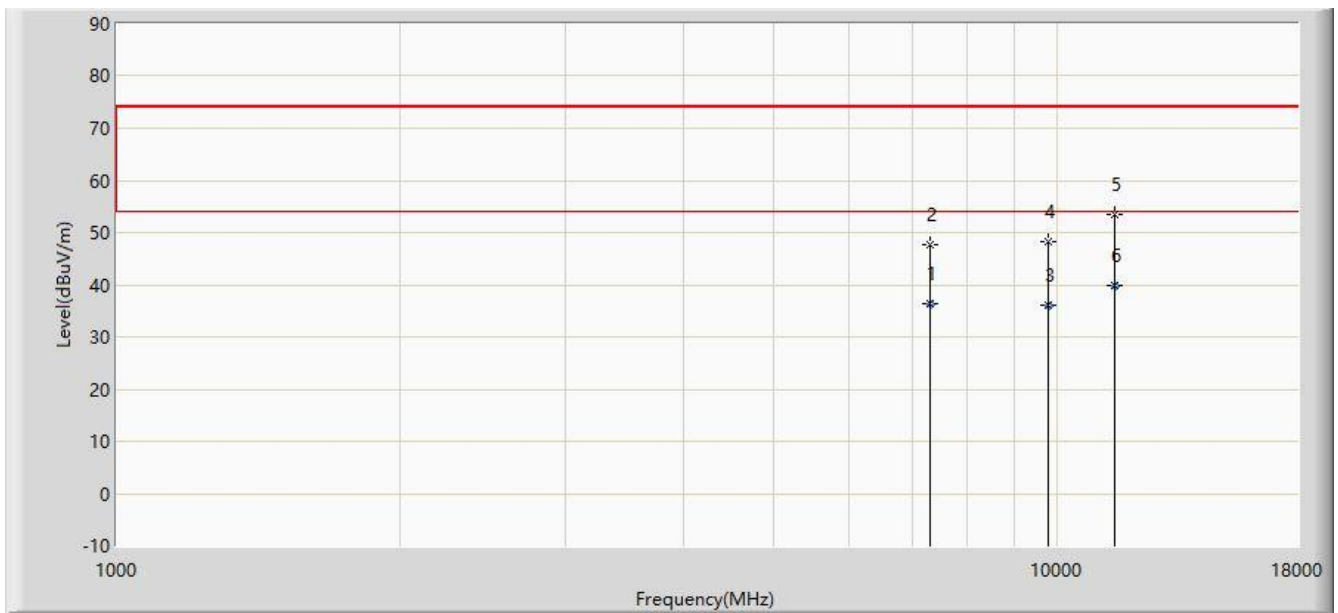
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## Revision History

Report No.	Version	Description	Issue Date	Note
1711TW0109-U3	Rev. 01	Initial Report	01-04-2018	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.		



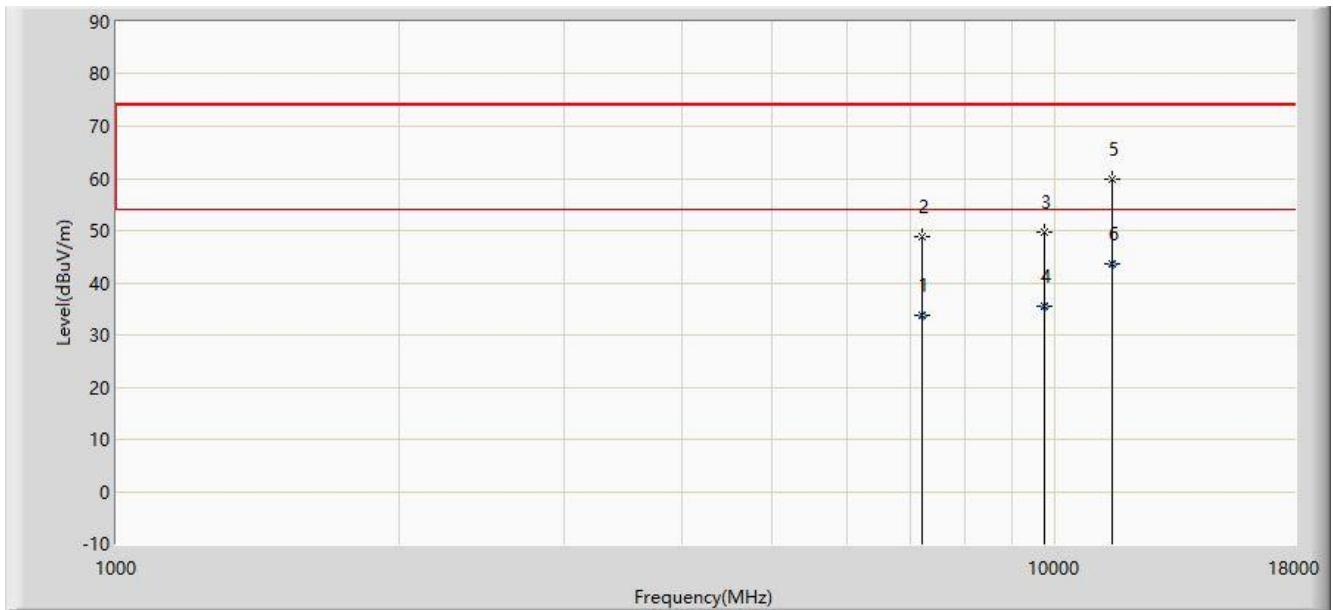
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7324.000	47.789	35.426	-26.211	74.000	12.363	PK
2			7320.000	36.379	24.023	-17.621	54.000	12.356	AV
3			9763.500	48.353	33.492	-25.647	74.000	14.861	PK
4			9760.124	36.069	21.224	-17.931	54.000	14.845	AV
5			11480.500	53.594	34.287	-20.406	74.000	19.307	PK
6		*	11480.612	39.869	20.562	-14.131	54.000	19.307	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	36.612	-25.240	74.000	12.148	PK
2			7221.542	33.709	21.562	-20.291	54.000	12.147	AV
3			9755.000	49.670	34.848	-24.330	74.000	14.822	PK
4			9755.454	35.569	20.744	-18.431	54.000	14.824	AV
5			11489.132	59.880	40.550	-14.120	74.000	19.330	PK
6		*	11489.646	43.488	24.157	-10.512	54.000	19.331	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.

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