



Co-location Report

FCC ID: I88C424G

APPLICANT: Zyxel Communications Corporation

Application Type: Certification

Product: Indoor GPON HGU

Model No.: PMG5717-B10A, C424G

Brand Name: ZYXEL, ADTRAN

Part Number: 1287781F1C

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

Test Date: December 18, 2016

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.

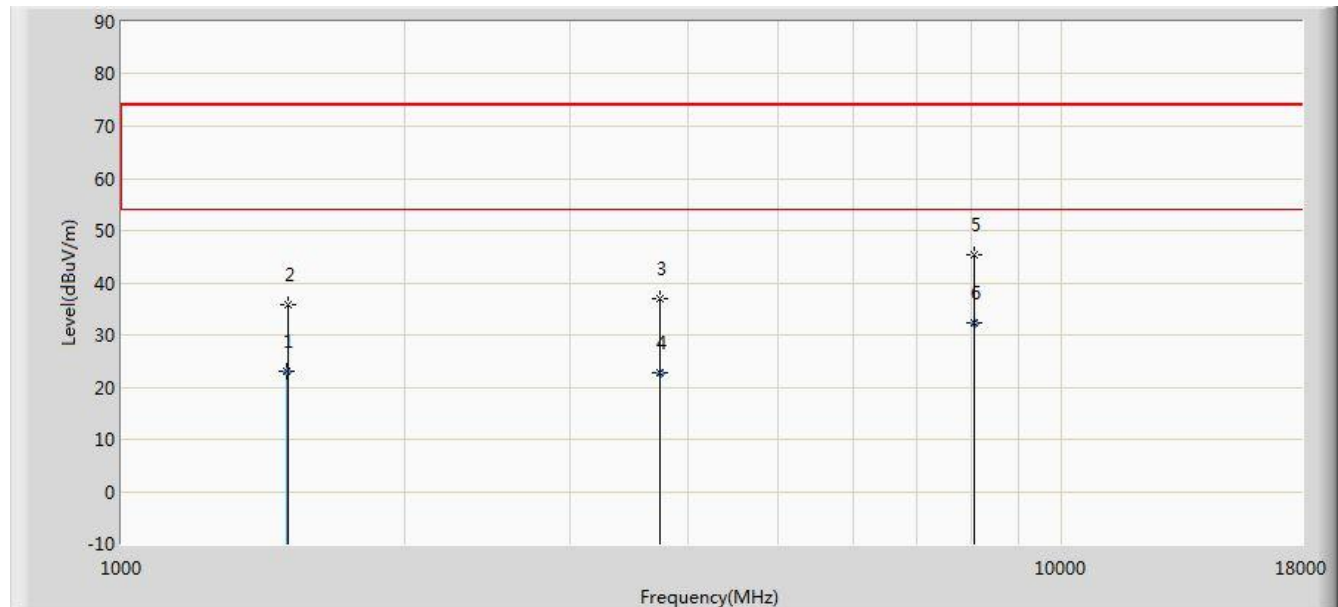
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Revision History

Report No.	Version	Description	Issue Date	Note
1611RSU04004	Rev. 01	Initial report	02-08-2017	Valid

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz Transmit + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~1000MHz and 18GHz~40GHz, the permissible value is not show in the report.		

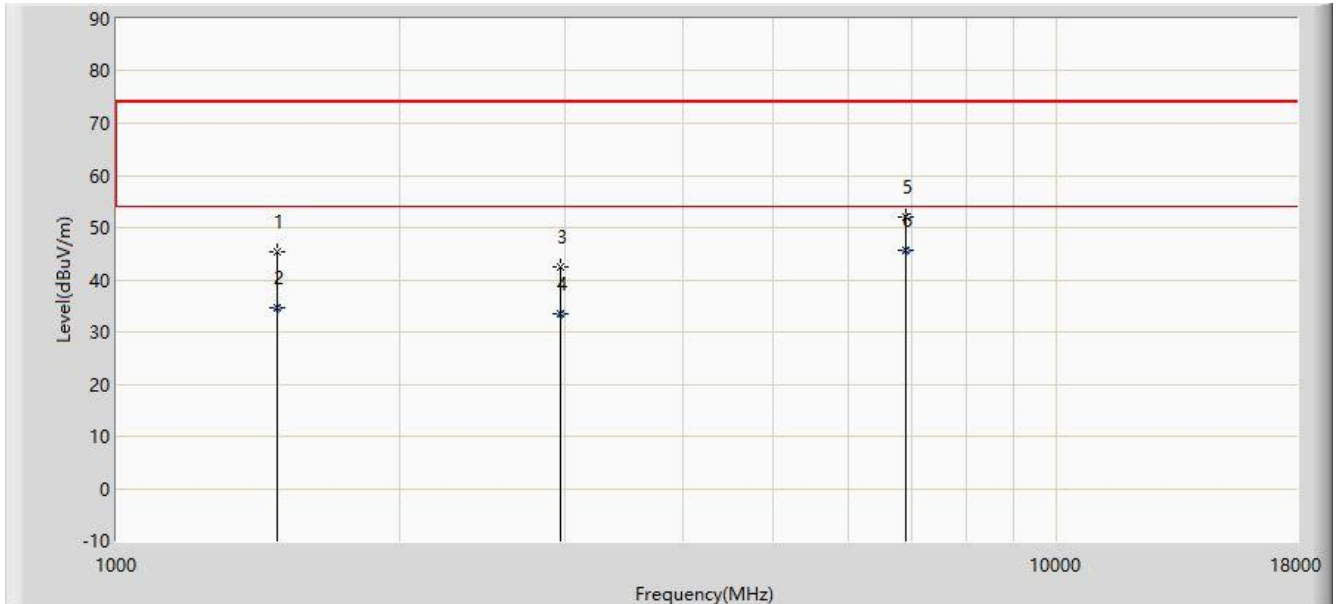


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1501.200	23.103	29.017	-30.897	54.000	-5.914	AV
2			1501.500	35.924	41.836	-38.076	74.000	-5.912	PK
3			3737.000	37.083	37.903	-36.917	74.000	-0.821	PK
4			3737.000	22.797	23.617	-31.203	54.000	-0.821	AV
5			8080.500	45.279	34.449	-28.721	74.000	10.830	PK
6		*	8080.500	32.268	21.438	-21.732	54.000	10.830	AV

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

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

Test Mode:	2.4GHz Transmit + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~1000MHz 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			1500.020	26.768	32.690	-27.232	54.000	-5.921	AV
2			1501.500	37.376	43.288	-36.624	74.000	-5.912	PK
3			3847.020	23.762	24.315	-30.238	54.000	-0.553	AV
4			3847.500	36.913	37.466	-37.087	74.000	-0.553	PK
5			9321.500	47.234	34.375	-26.766	74.000	12.859	PK
6		*	9321.500	34.643	21.784	-19.357	54.000	12.859	AV

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

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

The End