

MRT Technology (Suzhou) Co., Ltd

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Co-location Report

FCC ID: 2AD6M-X20

APPLICANT: P2 Mobile Technologies Limited

Application Type: Certification

Product: MeshRanger X20 Dual 5GHz 802.11ac

Model No.: X20

FCC Classification: Unlicensed National Information Infrastructure (UNII)

Test Date: January 08 ~ 19, 2016

Reviewed By : Resident Wu

(Robin Wu)

Approved By : Marlinchen

(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.

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Revision History

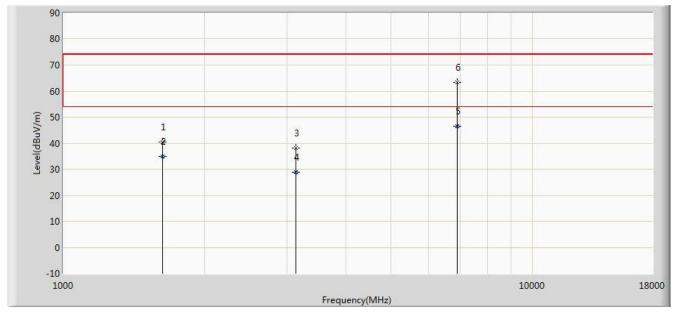
Report No. Version		Description	Issue Date		
1511RSU00203	Rev. 01	Initial report	01-20-2016		

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1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	5GHz Card #1 + 5GHz Card #2 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	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			1629.000	40.415	48.118	-33.585	74.000	-7.703	PK
2			1629.020	34.955	42.658	-19.045	54.000	-7.703	AV
3			3133.500	38.034	39.628	-35.966	74.000	-1.594	PK
4			3133.520	28.930	30.524	-25.070	54.000	-1.593	AV
5		*	6906.645	46.566	40.013	-7.434	54.000	6.553	AV
6			6907.500	63.384	56.829	-10.616	74.000	6.555	PK

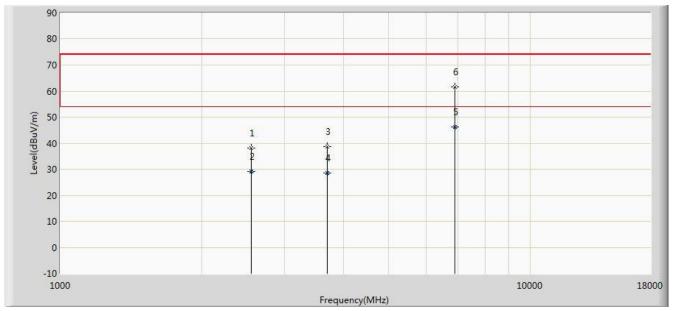
Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

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

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Test Mode:	5GHz Card #1 + 5GHz Card #2 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	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			2547.000	38.104	41.614	-35.896	74.000	-3.510	PK
2			2547.244	29.015	32.524	-24.985	54.000	-3.510	AV
3			3703.000	38.604	39.157	-35.396	74.000	-0.553	PK
4			3703.024	28.471	29.024	-25.529	54.000	-0.553	AV
5		*	6906.677	46.223	39.670	-7.777	54.000	6.553	AV
6			6907.500	61.558	55.003	-12.442	74.000	6.555	PK

Note: Measure Level $(dB\mu V/m) = Reading Level (dB\mu V) + Factor (dB)$

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

The End

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