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Report No.: 1511RSU00203
Report Version: V01
Issue Date: 01-20-2016

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 : Robin Wu
(Robin Wu)

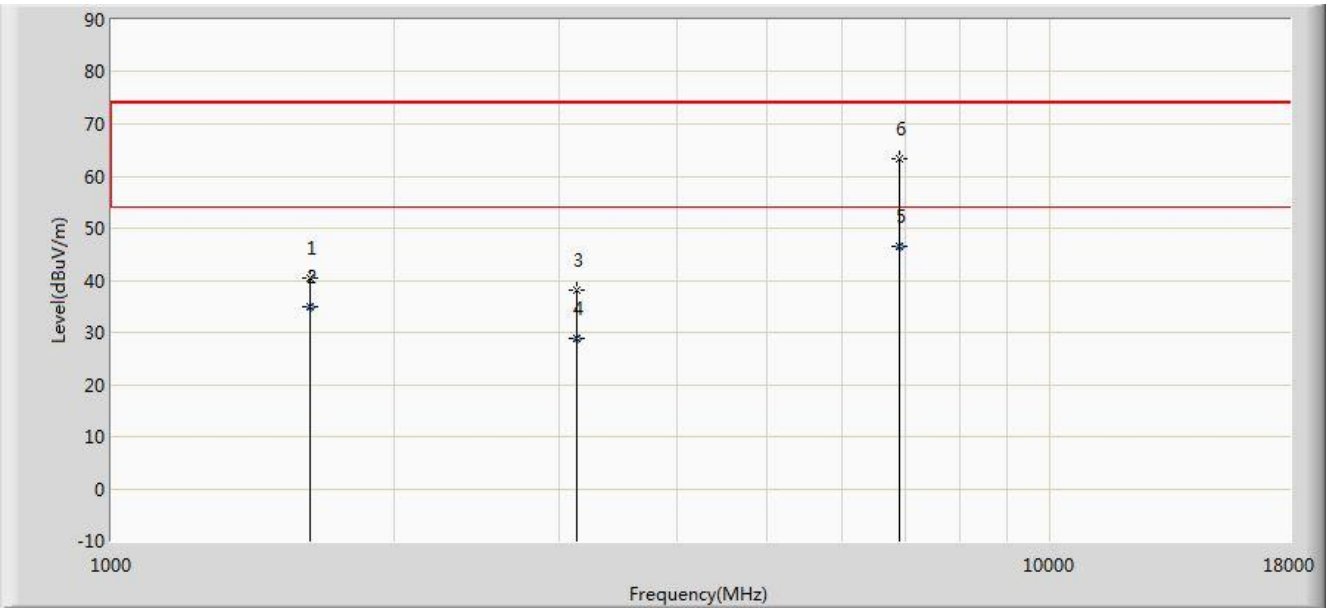
Approved By : Marlin Chen
(Marlin Chen)

Revision History

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

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.		

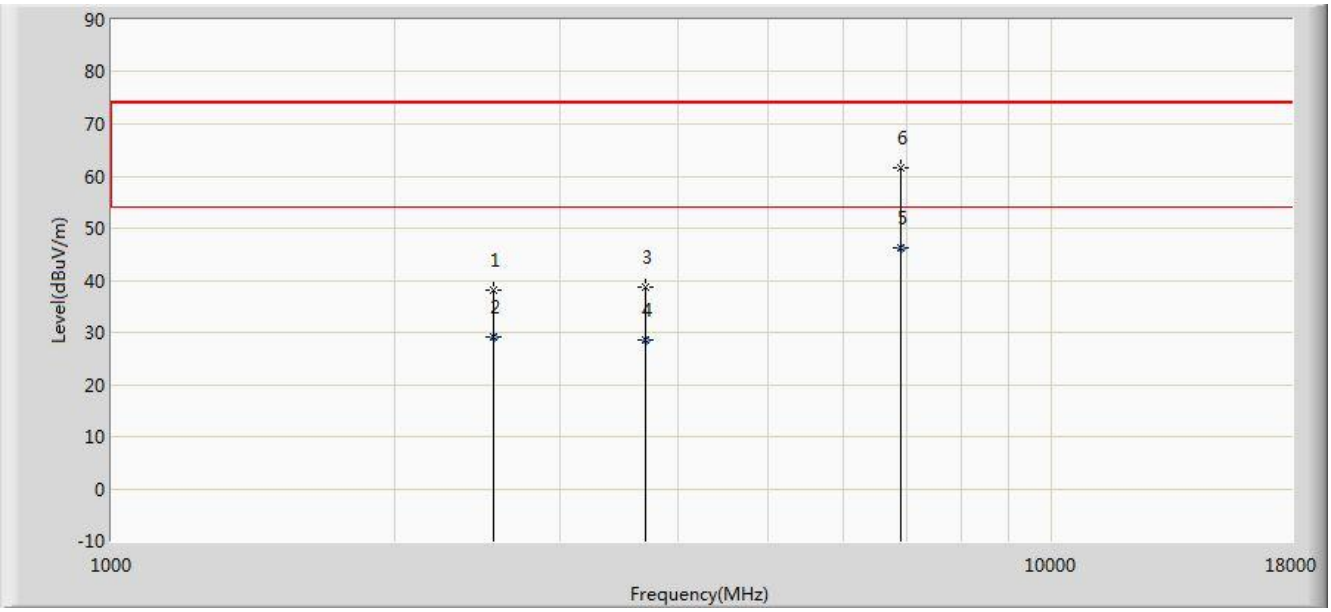


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1629.000	40.415	48.118	-33.585	74.000	-7.703	PK
2			1629.020	34.955	42.658	-19.045	54.000	-7.703	AV
3			3133.500	38.034	39.628	-35.966	74.000	-1.594	PK
4			3133.520	28.930	30.524	-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 (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

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 (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
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 (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

The End