

MRT Technology (Suzhou) Co., Ltd

Phone: +86-512-66308358 Fax: +86-512-66308368 Web: www.mrt-cert.com Report No.: 1608RSU00903 Report Version: V01 Issue Date: 08-26-2016

## **Co-location Report**

**FCC ID:** 2AGN8-P22N13

APPLICANT: Sengled Co., Ltd.

**Application Type:** Certification

Product: Pulse2

Model No.: P22-N13

Brand Name: sengled

FCC Classification: FCC Part 15 Spread Spectrum Transmitter(DSS)

Unlicensed National Information Infrastructure (UNII)

**Test Date:** August 15 ~ 23, 2016

Reviewed By

Manager

Approved By

CEO

(Robin Wu)

(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**

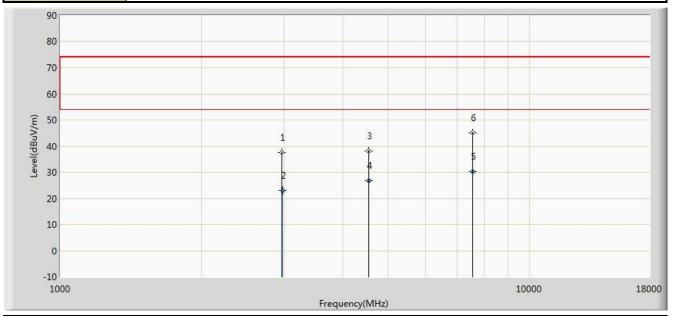
Report No.	Version	Description	Issue Date	Note
1608RSU00903	Rev. 01	Initial report	08-26-2016	Valid

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## 1. Test Result of Radiated Emissions for Co-located

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC1	
Test Engineer:	Vince Yu	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			2972.000	37.616	39.778	-36.384	74.000	-2.162	PK
2			2972.460	22.957	25.119	-31.043	54.000	-2.162	AV
3			4536.000	38.080	36.321	-35.920	74.000	1.759	PK
4			4536.250	26.877	25.117	-27.123	54.000	1.760	AV
5		*	7570.423	30.225	22.008	-23.775	54.000	8.217	AV
6			7570.500	44.942	36.725	-29.058	74.000	8.217	PK

Note 1: Measure Level  $(dB\mu V/m)$  = Reading Level  $(dB\mu V)$  + Factor (dB)

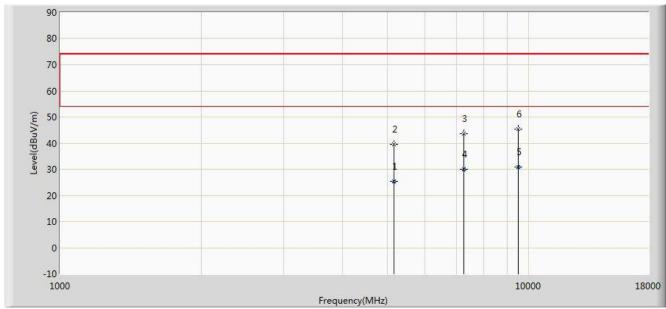
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre\_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the RF reports.

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Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC1	
Test Engineer:	Vince Yu	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			5155.668	25.420	22.115	-28.580	54.000	3.305	AV
2			5156.500	39.540	36.237	-34.460	74.000	3.303	PK
3			7256.000	43.744	35.843	-30.256	74.000	7.901	PK
4			7256.400	29.908	22.005	-24.092	54.000	7.903	AV
5		*	9490.586	30.912	20.338	-23.088	54.000	10.574	AV
6			9491.500	45.304	34.729	-28.696	74.000	10.575	PK

Note 1: 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).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the RF reports.

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