

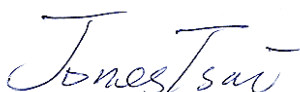
FCC EMI TEST REPORT

FCC ID : U8G-P1930LITER5
Equipment : Pepwave / Peplink / Pismo Labs Wireless Product
Brand Name : Pepwave / Peplink / Pismo
Model Name : MAX Transit Mini, Max transit mini, MAX-Transit-Mini, MAX Transit Mini LTE, Max Transit Mini LTE, MAX Transit Mini LTEA, Max Transit Mini LTEA, MAX BR1 Mini, Max BR1 Mini, MAX BR1 Mini LTE, MAX BR1 Mini LTEA, MAX BR1 M2M, Pismo 930 LITE, Pismo930 LITE, Pismo930LITE, MAX-BR1-MINI-LTE-US, MAX-BR1-MINI-LTE-US-T, Pismo 930 Lite, Pismo930LITER5, Pismo 930LITER5
Applicant : Pismo Labs Technology Limited
Unit A5, 5/F, HK Spinners Ind. Bldg., Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer : Pismo Labs Technology Limited
Unit A5, 5/F, HK Spinners Ind. Bldg., Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong
Standard : FCC 47 CFR FCC Part 15 Subpart B

The product was received on Oct. 23, 2018 and testing was started from Nov. 15, 2018 and completed on Feb. 19, 2019. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1. General Description	5
1.1. Product Feature of Equipment Under Test	5
1.2. Modification of EUT	5
1.3. Test Location	6
1.4. Applicable Standards	6
2. Test Configuration of Equipment Under Test	7
2.1. Test Mode	7
2.2. Connection Diagram of Test System	7
2.3. Support Unit used in test configuration and system	8
2.4. EUT Operation Test Setup	8
3. Test Result	9
3.1. Test of AC Conducted Emission Measurement	9
3.2. Test of Radiated Emission Measurement	11
4. List of Measuring Equipment.....	14
5. Uncertainty of Evaluation	15
Appendix A. AC Conducted Emission Test Result	
Appendix B. Radiated Emission Test Result	
Appendix C. Setup Photographs	



History of this test report

Report No.	Version	Description	Issued Date
FC8O2320	01	Initial issue of report	Feb. 21, 2019



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	Under limit 24.29 dB at 0.519 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 9.21 dB at 125.150 MHz

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Louis Wu

Report Producer: Maggie Chiang

1. General Description

1.1. Product Feature of Equipment Under Test

WCDMA/LTE, and Wi-Fi 2.4GHz 802.11b/g/n.

Product Specification subjective to this standard	
Integrated WWAN Module 1	Brand Name: Telit Model Name: LE910-NA V2
Integrated WWAN Module 2	Brand Name: Telit Model Name: LE910C4-NF
Integrated WWAN Module 3	Brand Name: Sierra Model Name: MC7455
Sample 1	EUT with WWAN module 1 (LE910-NA V2)
Sample 2	EUT with WWAN module 2 (LE910C4-NF)
Sample 3	EUT with WWAN module 3 (MC7455)
Antenna Type	WWAN: Dipole Antenna WLAN: Replacement Antenna

Remark: The product will integrate the cellular module (LE910-NA V2, LE910C4-NF, MC7455). Among the 3 options, at a time only 1 cellular module will be installed), therefore the cellular module is incorporated into the host for Part 15B test. Equipment authorization to integrate the cellular module will follow the FCC modular approval policy and procedures.

1.2. Modification of EUT

No modifications are made to the EUT during all test items.

1.3. Test Location

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	CO05-HY	03CH06-HY

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.. TEL: +886-2-2631-5551 FAX: +886-2-2631-9740	
Test Site No.	Sporton Site No.	
	OS02-NH	

FCC Designation No. TW1093 and TW1094

1.4. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR FCC Part 15 Subpart B
- ♦ ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2. Test Configuration of Equipment Under Test

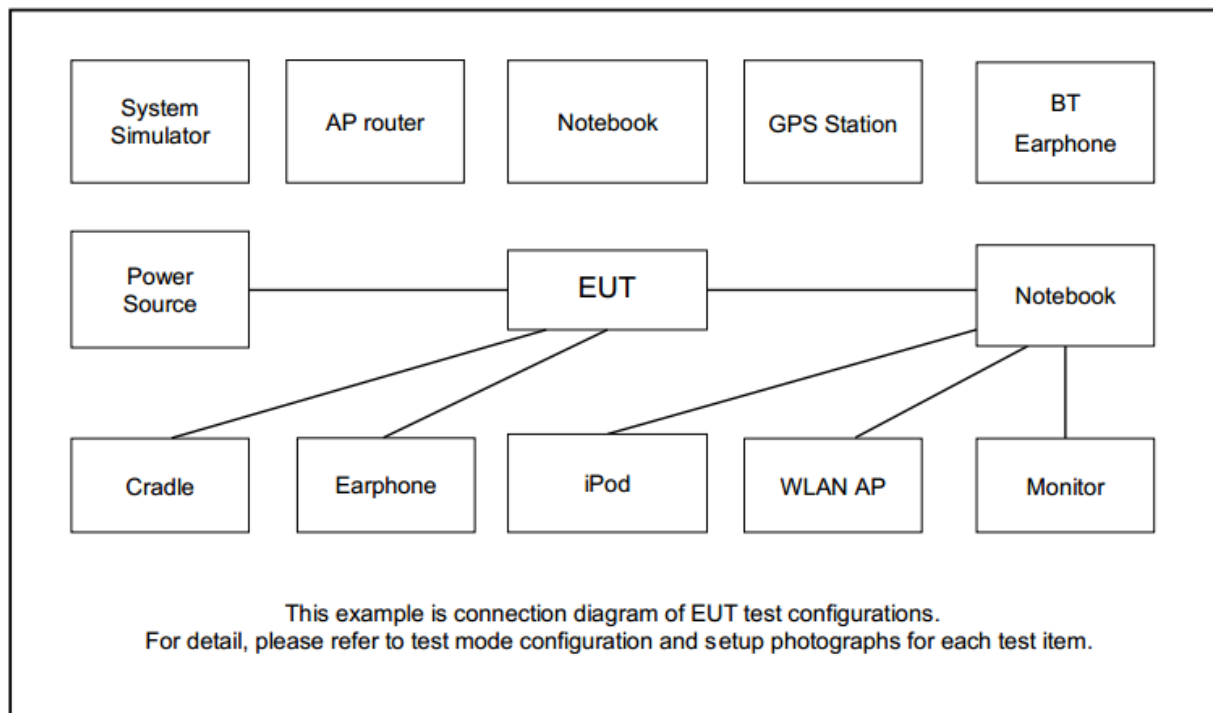
2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Function Type
AC Conducted Emission	Mode 1: WCDMA Band II Idle + WLAN (2.4GHz) Idle + LAN Link + WAN Link + GPS Rx + Console Port (Load) + AC Adapter + SIM 1 for Sample 1
	Mode 2: LTE Band 5 Idle + WLAN (2.4GHz) Idle + LAN Link + GPS Rx + Console Port (Load) + POE Adapter + SIM 2 for Sample 1
	Mode 3: LTE Band 5 Idle + WLAN (2.4GHz) Idle + LAN Link + GPS Rx + Console Port (Load) + POE Adapter + SIM 2 for Sample 2
	Mode 4: LTE Band 5 Idle + WLAN (2.4GHz) Idle + LAN Link + GPS Rx + Console Port (Load) + POE Adapter + SIM 2 for Sample 3
Radiated Emissions	Mode 1: WCDMA Band II Idle + WLAN (2.4GHz) Idle + LAN Link + WAN Link + GPS Rx + Console Port (Load) + AC Adapter + SIM 1 for Sample 1
Remark: <ol style="list-style-type: none"> 1. The worst case of AC is mode 4; only the test data of this mode was reported. 2. The worst case of RE is mode 1; only the test data of this mode was reported. 	

2.2. Connection Diagram of Test System



2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
3.	Notebook	Asus	P2430U	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Notebook	DELL	Latitude E3340	FCC DoC/ Contains FCC ID: PD97260NGU	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
6.	Notebook	DELL	Latitude E5570	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
7.	PEPWAVE	N/A	PoE-1012	N/A	N/A	N/A

2.4. EUT Operation Test Setup

The EUT was in WCDMA or LTE idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the following programs installed in the EUT were programmed during the test.

1. Execute "Test Console" to make the EUT receive continuous signals from GPS station.
2. EUT links with Notebook via RJ45 and execute ping.
3. For WLAN Idle, the EUT was attached to the Notebook.

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	79	66
0.5-30	73	60

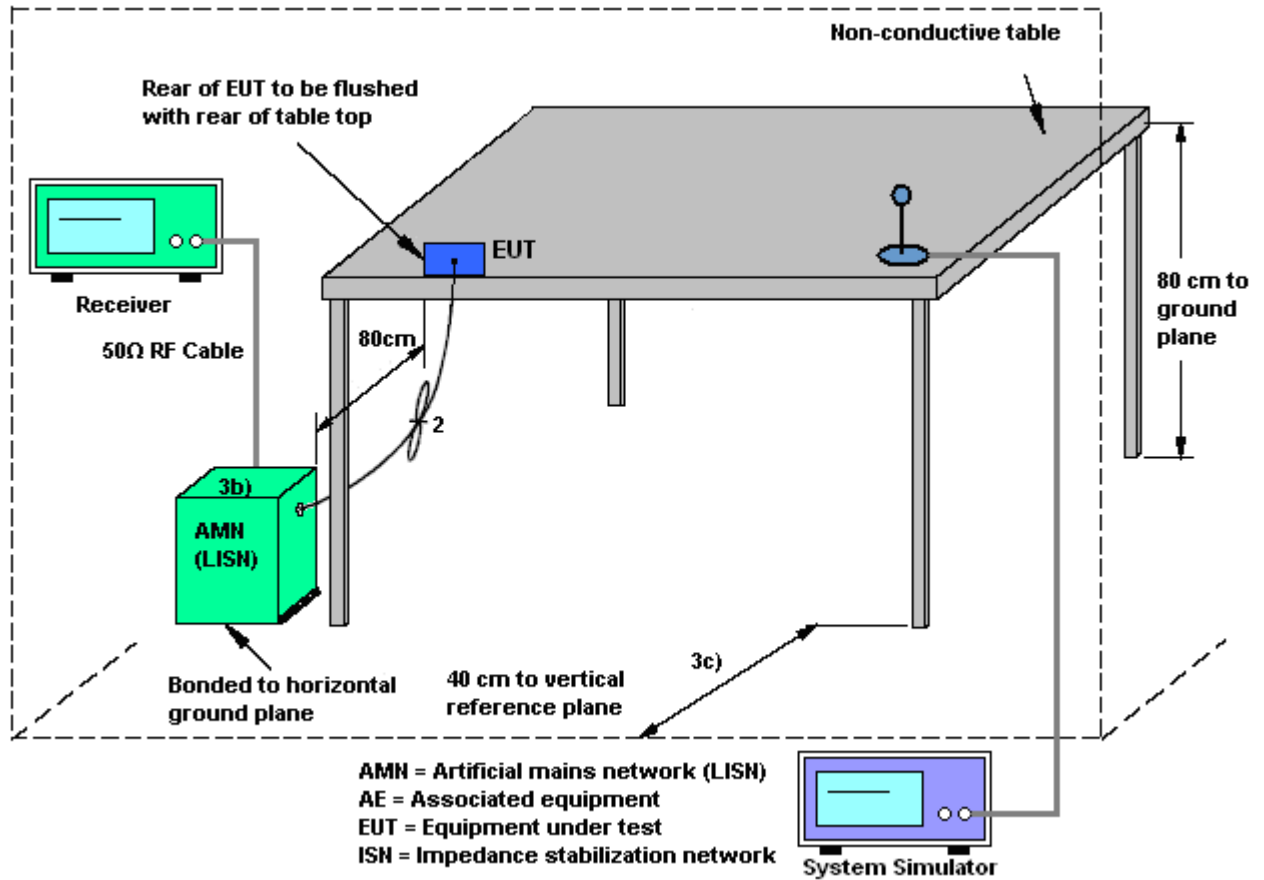
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4 Test Setup



3.1.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	300	10

Frequency (MHz)	Field Strength (dBuV/meter)	Measurement Distance (meters)
30 – 230	40	10
230 – 1000	47	10

Note: Measurement follows the CISPR 22 limit line as below :

15.109 (g) As an alternative to the radiated emission limits shown in paragraphs (a) and (b) of this section, digital devices may be shown to comply with the standards contained in Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22, "Information Technology Equipment - Radio Disturbance Characteristics - Limits and Methods of Measurement"

3.2.2. Measuring Instruments

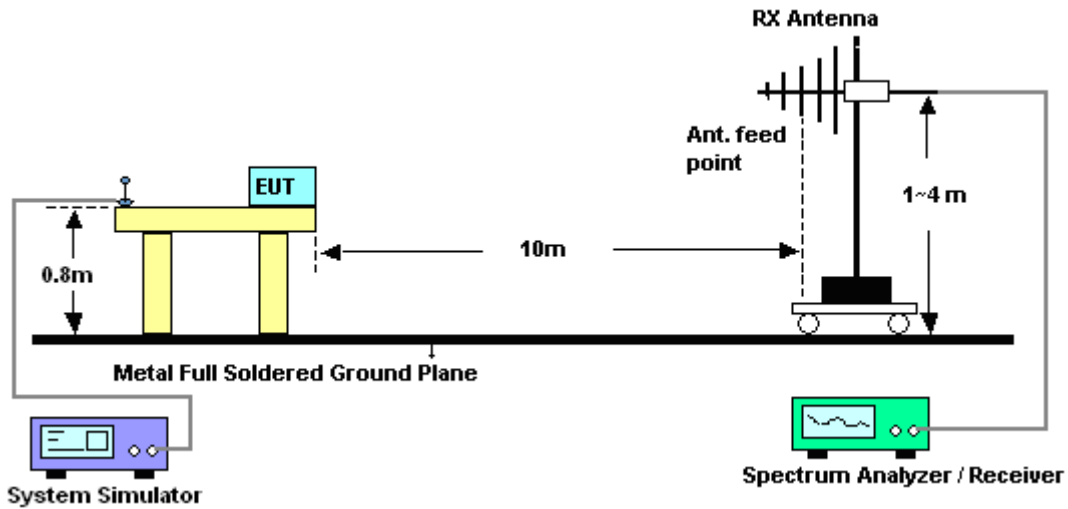
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

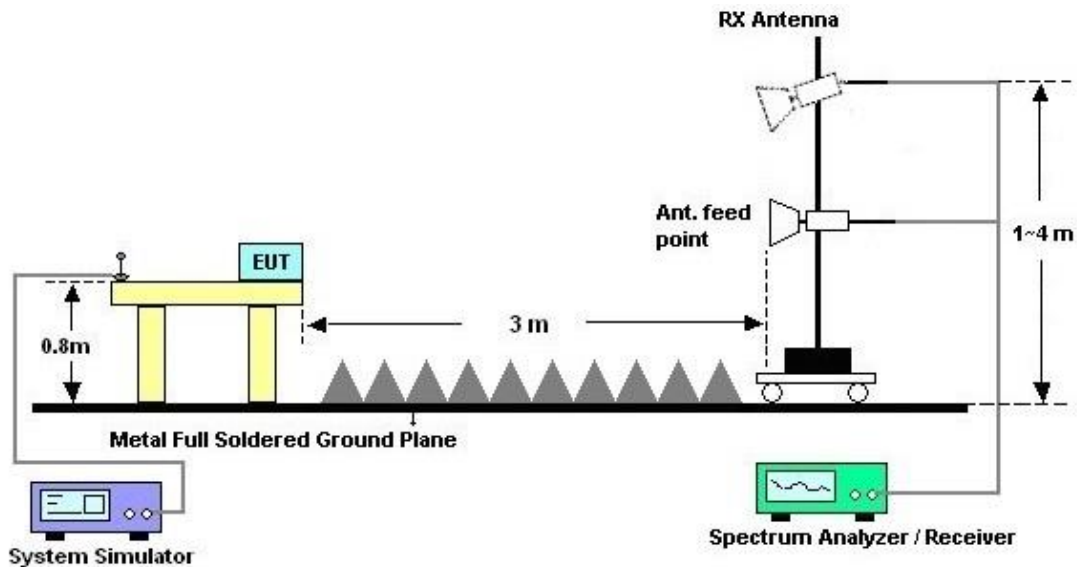
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 10 meters (30M~1G) and 3 meters (1G~ 13G) from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 15, 2018~ Dec. 24, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 12, 2018	Nov. 15, 2018~ Dec. 24, 2018	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Nov. 15, 2018~ Dec. 24, 2018	Nov. 13, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 15, 2018~ Dec. 24, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Nov. 15, 2018~ Dec. 24, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Nov. 15, 2018~ Dec. 24, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Amplifier	HP	8447D	2944A06292	0.1 MHz - 1.3 GHz	May 14, 2018	Feb. 15, 2019~ Feb. 18, 2019	May 13, 2019	Radiation (OS02-NH)
Receiver	R&S	ESCI	100497	9 kHz – 3 GHz	May 22, 2018	Feb. 15, 2019~ Feb. 18, 2019	May 21, 2019	Radiation (OS02-NH)
Bilog Antenna With 5dB Attenuator	TESEO	CBL6112D	35376	30 MHz - 2 GHz	Apr. 28, 2018	Feb. 15, 2019~ Feb. 18, 2019	Apr. 27, 2019	Radiation (OS02-NH)
Turn Table	EMCO	2080	9508-1805	0 - 360 degree	NCR	Feb. 15, 2019~ Feb. 18, 2019	NCR	Radiation (OS02-NH)
Antenna Mast	ETS	2075-2	2385	1 m - 4 m	NCR	Feb. 15, 2019~ Feb. 18, 2019	NCR	Radiation (OS02-NH)
RF Cable-R10m	MIYAZAKI	5DFB	CB044	30 MHz - 1 GHz	Aug. 24, 2018	Feb. 15, 2019~ Feb. 18, 2019	Aug. 23, 2019	Radiation (OS02-NH)
Software	Audix	E3	Ver.4	-	NCR	Feb. 15, 2019~ Feb. 18, 2019	NCR	Radiation (OS02-NH)
AVR	ACPOWER	AFC-1KV	F103030011	-	NCR	Feb. 15, 2019~ Feb. 18, 2019	NCR	Radiation (OS02-NH)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 08, 2019	Feb. 19, 2019	Jan. 07, 2020	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 24, 2018	Feb. 19, 2019	Aug. 23, 2019	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-00101 800-30-10P	1850117	1GHz ~ 18GHz	May 24, 2018	Feb. 19, 2019	May 23, 2019	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	Feb. 19, 2019	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Feb. 19, 2019	N/A	Radiation (03CH06-HY)
Test Software	AUDIX	e3	6.2009-8-24 (k5)	N/A	N/A	Feb. 19, 2019	N/A	Radiation (03CH06-HY)
RF Cable	HUBER+SUHNER/WOKEN/HARBOUR INDUSTRIES	SUCOFLEX 104 /STORM/LL14 2	MY24966/4/ 00100A1O2A1 78T/ CA3601-3601- 1000	30MHz-26GHz	Nov. 22, 2018	Feb. 19, 2019	Nov. 21, 2019	Radiation (03CH06-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Nov. 02, 2018	Feb. 19, 2019	Nov. 01, 2019	Radiation (03CH06-HY)

5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.2
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.0
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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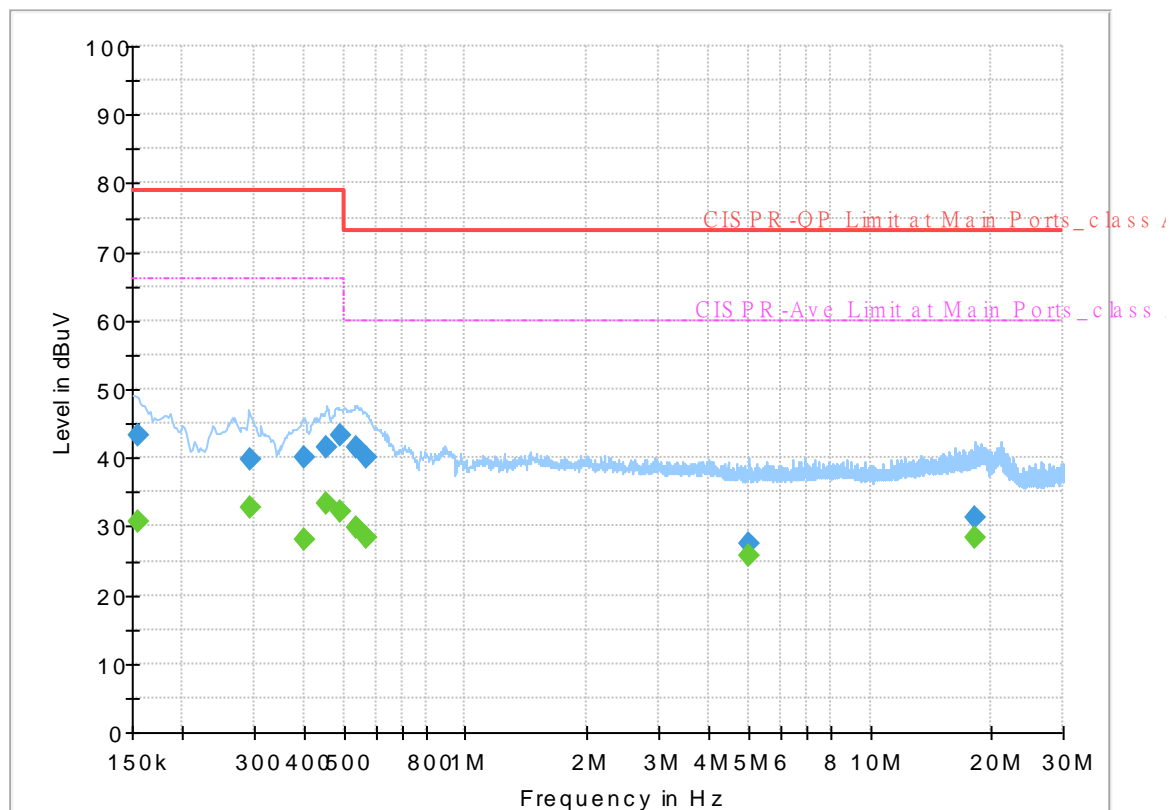
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	Temperature :	24~26°C
		Relative Humidity :	50~52%

EUT Information

Report NO : 8O2320
Test Mode : Mode 4
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



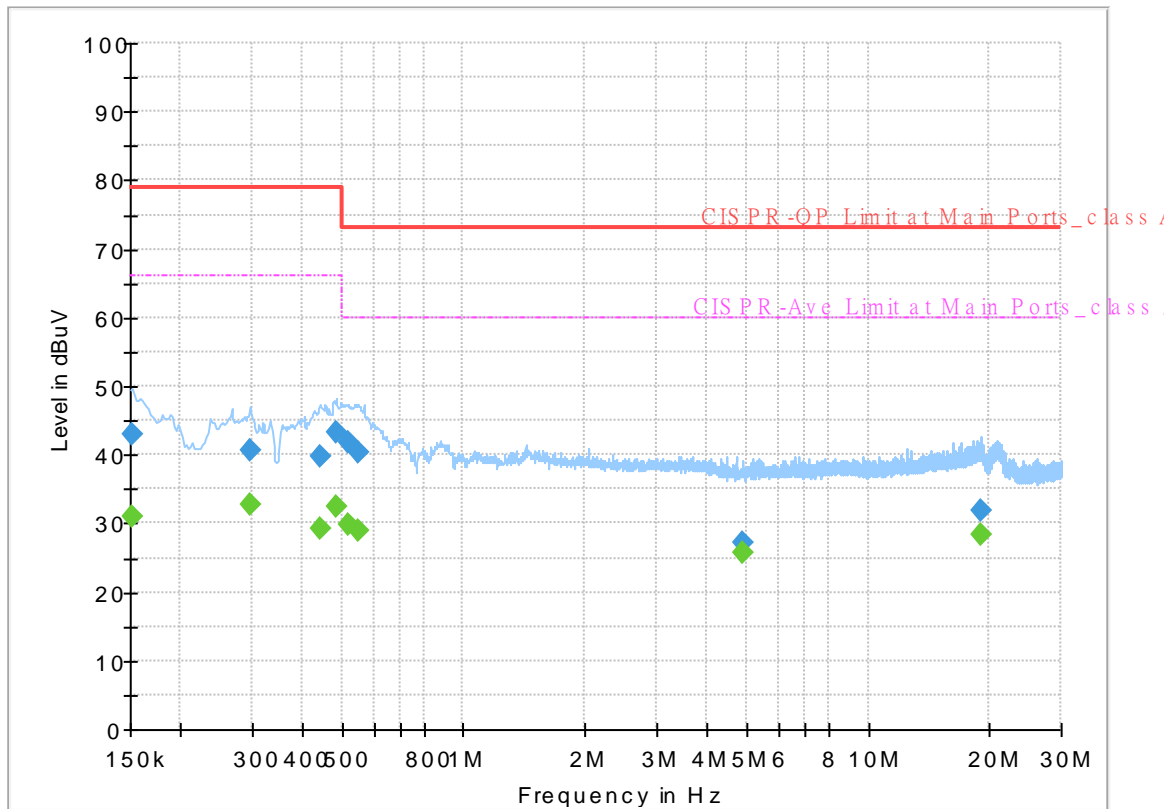
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	43.31	---	79.00	35.69	L1	OFF	19.5
0.154500	---	30.66	73.00	42.34	L1	OFF	19.5
0.294000	39.63	---	79.00	39.37	L1	OFF	19.5
0.294000	---	32.68	73.00	40.32	L1	OFF	19.5
0.399750	39.94	---	79.00	39.06	L1	OFF	19.5
0.399750	---	28.02	73.00	44.98	L1	OFF	19.5
0.453750	41.54	---	79.00	37.46	L1	OFF	19.5
0.453750	---	33.34	73.00	39.66	L1	OFF	19.5
0.489750	43.40	---	79.00	35.60	L1	OFF	19.5
0.489750	---	32.28	73.00	40.72	L1	OFF	19.5
0.534750	41.58	---	66.00	24.42	L1	OFF	19.5
0.534750	---	29.76	60.00	30.24	L1	OFF	19.5
0.570750	39.95	---	66.00	26.05	L1	OFF	19.5
0.570750	---	28.37	60.00	31.63	L1	OFF	19.5
5.023500	27.62	---	66.00	38.38	L1	OFF	19.7
5.023500	---	25.82	60.00	34.18	L1	OFF	19.7
18.224250	31.22	---	66.00	34.78	L1	OFF	20.2
18.224250	---	28.30	60.00	31.70	L1	OFF	20.2

EUT Information

Report NO : 8O2320
 Test Mode : Mode 4
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

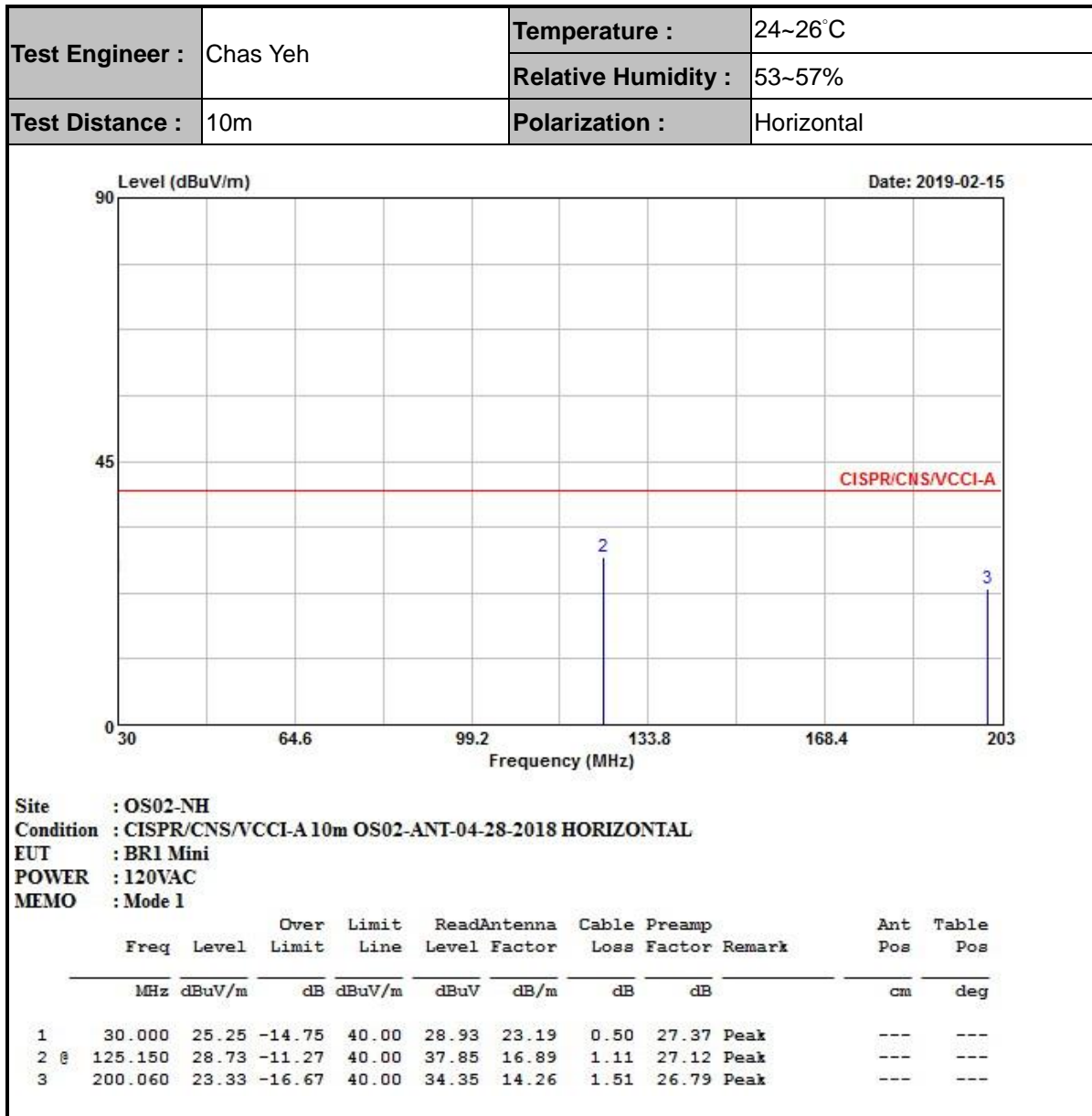
Full Spectrum



Final_Result

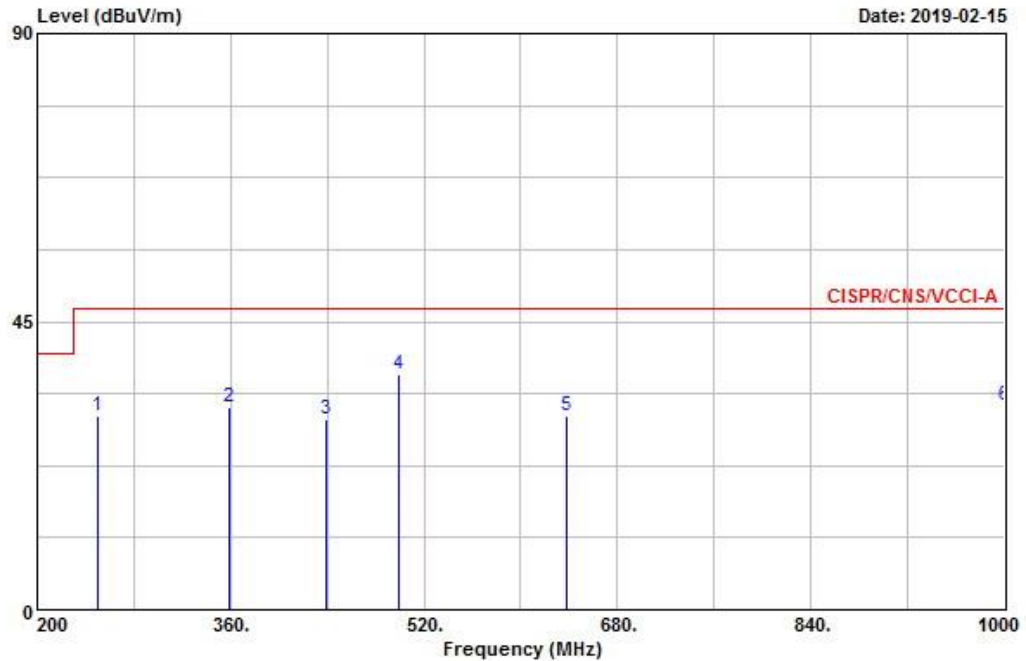
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	43.00	---	79.00	36.00	N	OFF	19.5
0.152250	---	30.86	73.00	42.14	N	OFF	19.5
0.296250	40.77	---	79.00	38.23	N	OFF	19.5
0.296250	---	32.82	73.00	40.18	N	OFF	19.5
0.442500	39.70	---	79.00	39.30	N	OFF	19.5
0.442500	---	29.23	73.00	43.77	N	OFF	19.5
0.485250	43.31	---	79.00	35.69	N	OFF	19.5
0.485250	---	32.56	73.00	40.44	N	OFF	19.5
0.519000	41.71	---	66.00	24.29	N	OFF	19.5
0.519000	---	29.80	60.00	30.20	N	OFF	19.5
0.552750	40.42	---	66.00	25.58	N	OFF	19.5
0.552750	---	29.09	60.00	30.91	N	OFF	19.5
4.899750	27.23	---	66.00	38.77	N	OFF	19.7
4.899750	---	25.67	60.00	34.33	N	OFF	19.7
18.996000	31.85	---	66.00	34.15	N	OFF	20.3
18.996000	---	28.37	60.00	31.63	N	OFF	20.3

Appendix B. Radiated Emission Test Result





Test Engineer :	Chas Yeh	Temperature :	24~26°C
		Relative Humidity :	53~57%
Test Distance :	10m	Polarization :	Horizontal

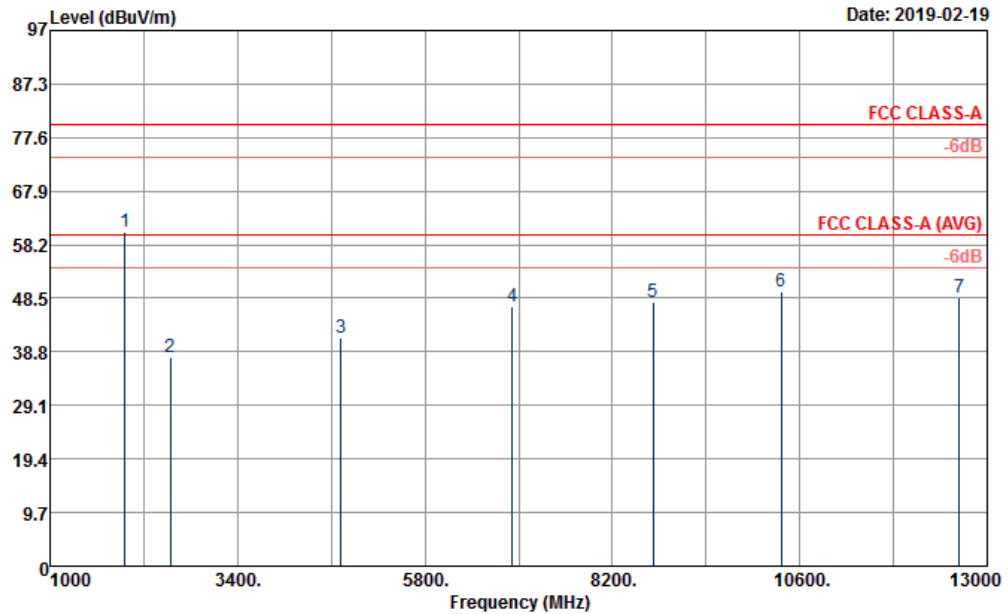


Site : OS02-NH
Condition : CISPR/CNS/VCCI-A 10m OS02-ANT-04-28-2018 HORIZONTAL
EUT : BR1 Mini
POWER : 120VAC
MEMO : Mode 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	249.600	30.15	-16.85	47.00	37.87	17.23	1.76	26.71	Peak	---	---
2	358.400	31.53	-15.47	47.00	36.57	19.68	2.35	27.07	Peak	---	---
3	439.200	29.79	-17.21	47.00	33.40	21.38	2.63	27.62	Peak	---	---
4	499.200	36.76	-10.24	47.00	39.46	22.42	2.86	27.98	Peak	100	68
5	637.600	30.14	-16.86	47.00	31.28	23.72	3.32	28.18	Peak	---	---
6	1000.000	31.92	-15.08	47.00	28.33	26.50	4.20	27.11	Peak	---	---



Test Engineer :	Yuan Lee	Temperature :	25~27°C
		Relative Humidity :	50~52%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#1 is system simulator signal which can be ignored.		



Site : 03CH06-HY

Condition : FCC CLASS-A 3m 9120D_1156_180824 HORIZONTAL

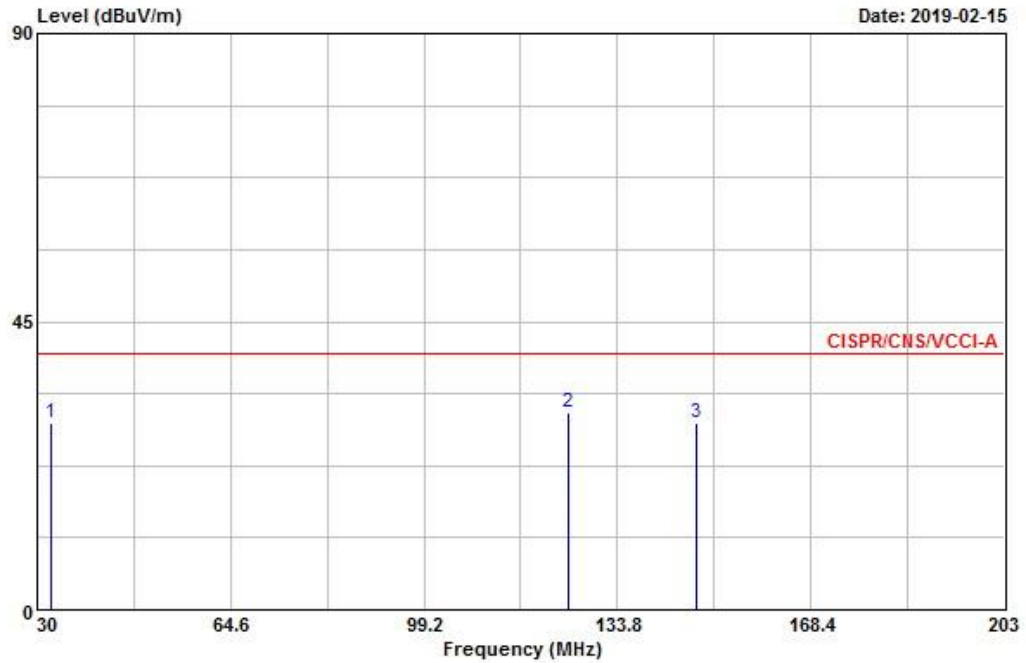
Power : 120Vac/60Hz

Memo : Mode 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1960.00	60.44			89.35	26.00	5.78	61.10	---	---	Peak
2	2542.00	37.81	-42.19	80.00	64.47	27.40	6.65	61.12	---	---	Peak
3	4726.00	41.25	-38.75	80.00	59.60	31.00	9.62	59.52	---	---	Peak
4	6916.00	47.02	-32.98	80.00	55.96	35.03	13.78	58.62	---	---	Peak
5	8722.00	47.70	-32.30	80.00	52.42	37.70	13.78	57.57	---	---	Peak
6	10364.00	49.63	-30.37	80.00	51.63	39.80	14.75	57.77	100	110	Peak
7	12646.00	48.61	-31.39	80.00	50.79	38.65	16.57	58.55	---	---	Peak



Test Engineer :	Chas Yeh	Temperature :	24~26°C
		Relative Humidity :	53~57%
Test Distance :	10m	Polarization :	Vertical

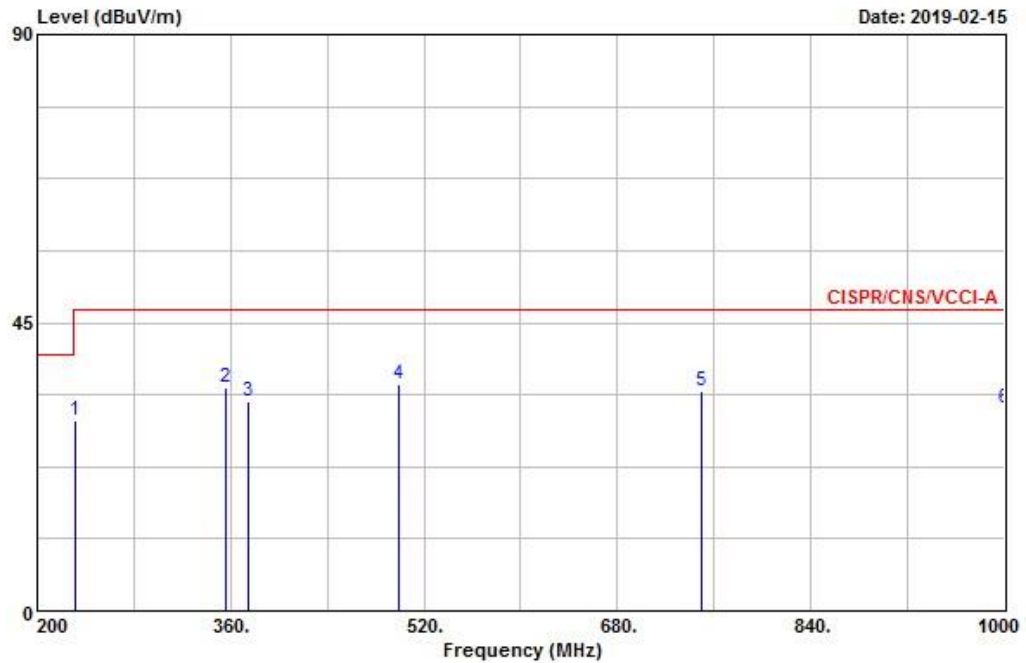


Site : OS02-NH
 Condition : CISPR/CNS/VCCI-A 10m OS02-ANT-04-28-2018 VERTICAL
 EUT : BR1 Mini
 POWER : 120VAC
 MEMO : Mode 1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	32.420	29.26	-10.74	40.00	33.90	22.21	0.52	27.37	Peak	---
2 @	125.150	30.79	-9.21	40.00	39.91	16.89	1.11	27.12	Peak	100
3 @	147.990	29.13	-10.87	40.00	39.36	15.52	1.27	27.02	Peak	221



Test Engineer :	Chas Yeh	Temperature :	24~26°C
		Relative Humidity :	53~57%
Test Distance :	10m	Polarization :	Vertical

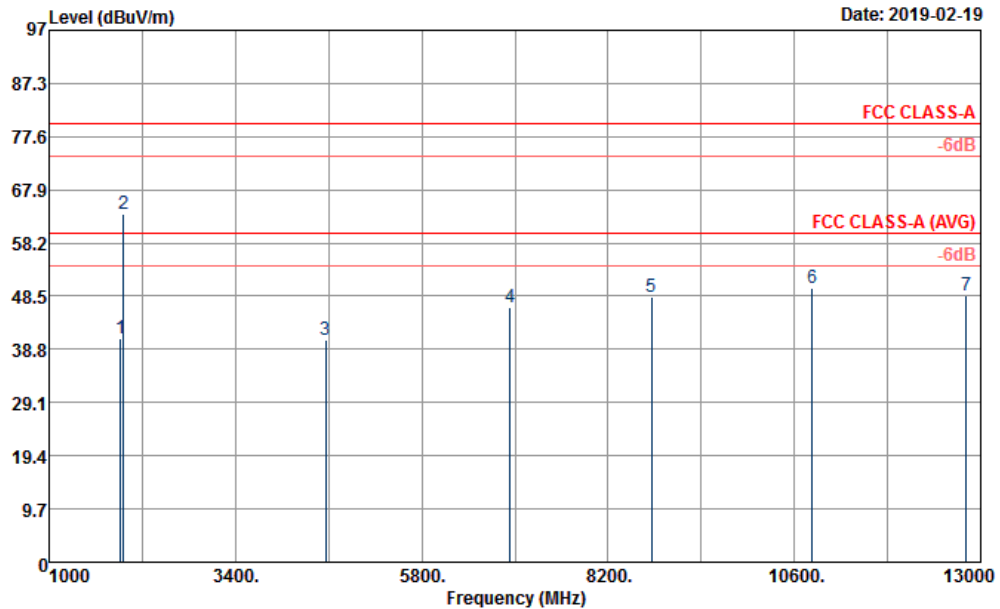


Site : OS02-NH
 Condition : CISPR/CNS/VCCI-A 10m OS02-ANT-04-28-2018 VERTICAL
 EUT : BR1 Mini
 POWER : 120VAC
 MEMO : Mode 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	231.200	29.66	-17.34	47.00	38.61	16.12	1.67	26.74	Peak	---	---
2 @	356.000	34.95	-12.05	47.00	40.05	19.61	2.34	27.05	Peak	---	---
3	375.200	32.73	-14.27	47.00	37.43	20.09	2.41	27.20	Peak	---	---
4 @	499.200	35.45	-11.55	47.00	38.15	22.42	2.86	27.98	Peak	---	---
5 @	749.600	34.33	-12.67	47.00	34.31	24.46	3.61	28.05	Peak	---	---
6	1000.000	31.68	-15.32	47.00	28.09	26.50	4.20	27.11	Peak	---	---



Test Engineer :	Yuan Lee	Temperature :	25~27°C
		Relative Humidity :	50~52%
Test Distance :	3m	Polarization :	Vertical
Remark :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-A 3m 9120D_1156_180824 VERTICAL

Power : 120Vac/60Hz
Memo : Mode 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1920.00	40.77	-39.23	80.00	69.91	25.80	5.76	61.10	---	---	Peak
2	1960.00	63.62			92.53	26.00	5.78	61.10	---	---	Peak
3	4562.00	40.50	-39.50	80.00	60.09	30.73	9.38	60.26	---	---	Peak
4	6936.00	46.46	-33.54	80.00	55.45	35.07	13.72	58.61	---	---	Peak
5	8762.00	48.31	-31.69	80.00	52.86	37.93	13.74	57.61	---	---	Peak
6	10828.00	49.98	-30.02	80.00	50.27	40.33	15.06	56.88	100	133	Peak
7	12816.00	48.72	-31.28	80.00	50.42	39.12	16.75	58.72	---	---	Peak