

FCC Test Report

Product Name : WCDMA/LTE Mobile Phone

Model No. : EA211101

FCC ID : RYQEA211101

Applicant : FIH CO., LTD.

Address : No.4, Minsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan

Date of Receipt : 2021/05/28

Issued Date : 2021/06/04

Report No. : 2150946R-E3012110001

Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

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Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test Report

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Applicant : FIH CO., LTD.

Address : No.4, Minsheng St., Tu-Cheng Dist., New Taipei City 23679,
Taiwan

Manufacturer : FIH CO., LTD.

Model No. : EA211101

EUT Rated Voltage : 5Vdc, 500mA

EUT Test Voltage : AC 120 V / 60 Hz

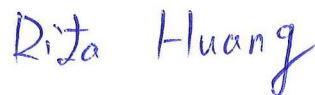
Trade Name : FIH

Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2019, Class B

Test Result : Complied

Performed Location : DEKRA Testing and Certification Co., Ltd.
Linkou Laboratory
No. 5-22, Ruishukeng
Linkou District, New Taipei City, 24451, Taiwan
TEL:+866-2-8601-3788 / FAX:+886-2-8601-3789

Documented By :



(Senior Adm. Specialist / Rita Huang)

Reviewed By :



(Engineer / Sampras Yen)

Approved By :



(Director / Vincent Lin)

Laboratory Information

We, **DEKRA Testing and Certification Co., Ltd.**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scopes:

Taiwan	:	BSMI, NCC, TAF
Norway	:	DNVGL
USA	:	FCC
Japan	:	VCCI

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : <http://www.dekra.com.tw>

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Revision History

Report No.	Version	Description	Issued Date
2150946R-E3012110001	V1.0	Initial issue of report.	2021-06-04

1. General Information

1.1. EUT Description

Product Name	WCDMA/LTE Mobile Phone
Trade Name	FIH
Model No.	EA211101
EUT Max Frequency	2.4GHz

Component	
Micro USB to USB Cable	Shielded, 1.0m
Power Adapter	MFR: Shenzhen Baijanda Electron Co., Ltd., M/N: XT-252A-5055 Input: 100-240V, 50/60Hz, 0.15A Output: 5V $\overline{=}$ 500mA, 2.75W

1.2. Mode of Operation

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	
Mode 1: WiFi + BT + GPS + WWAN + H Patten + adapter	
Mode 2: WiFi + BT + GPS + WWAN + FM + adapter	
Mode 3: WiFi + BT + GPS + WWAN +Rear CCD Recording + adapter	
Mode 4: WiFi + BT + GPS + WWAN + ROM + PC	
Final Test Mode	
Emission	Mode 3: WiFi + BT + GPS + WWAN +Rear CCD Recording + adapter
	Mode 4: WiFi + BT + GPS + WWAN + ROM + PC

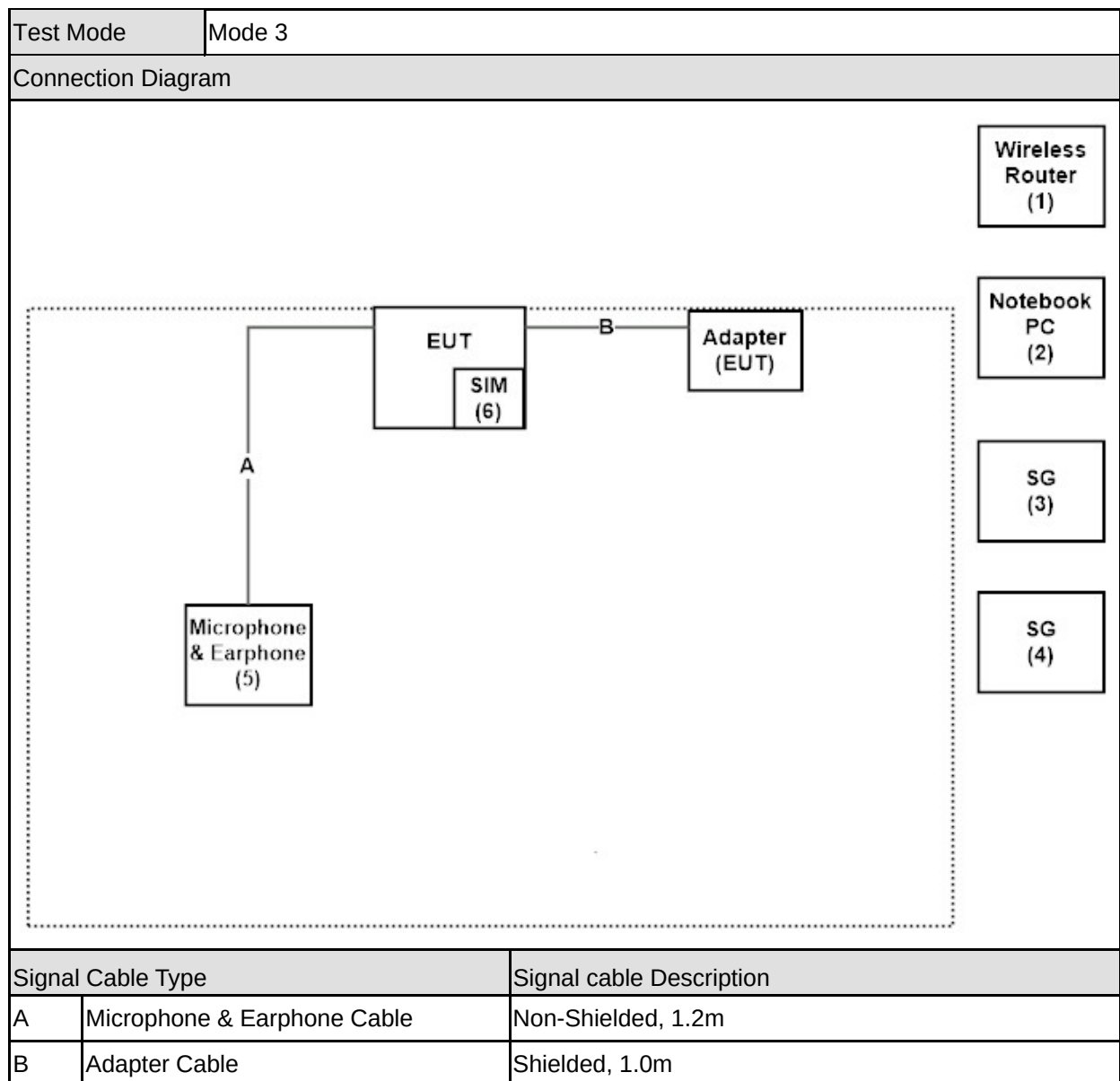
1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Test Mode		Mode 3			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Wireless Router	TP-LINK	TL-WR1043ND	13463900123	Non-Shielded, 1.8m
2	Notebook PC	DELL	Latitude 5580	2HRD7H2	Non-Shielded, 0.8m
3	SG	Orolia	GSG-5 GLO PENDULUM	N/A	Non-Shielded, 1.8m
4	SG	R&S	CMW500	N/A	Non-Shielded, 1.8m
5	Microphone & Earphone	RONEVER	MOE240	N/A	N/A
6	SIM	R&S	GP CMW-Z06	113706	N/A

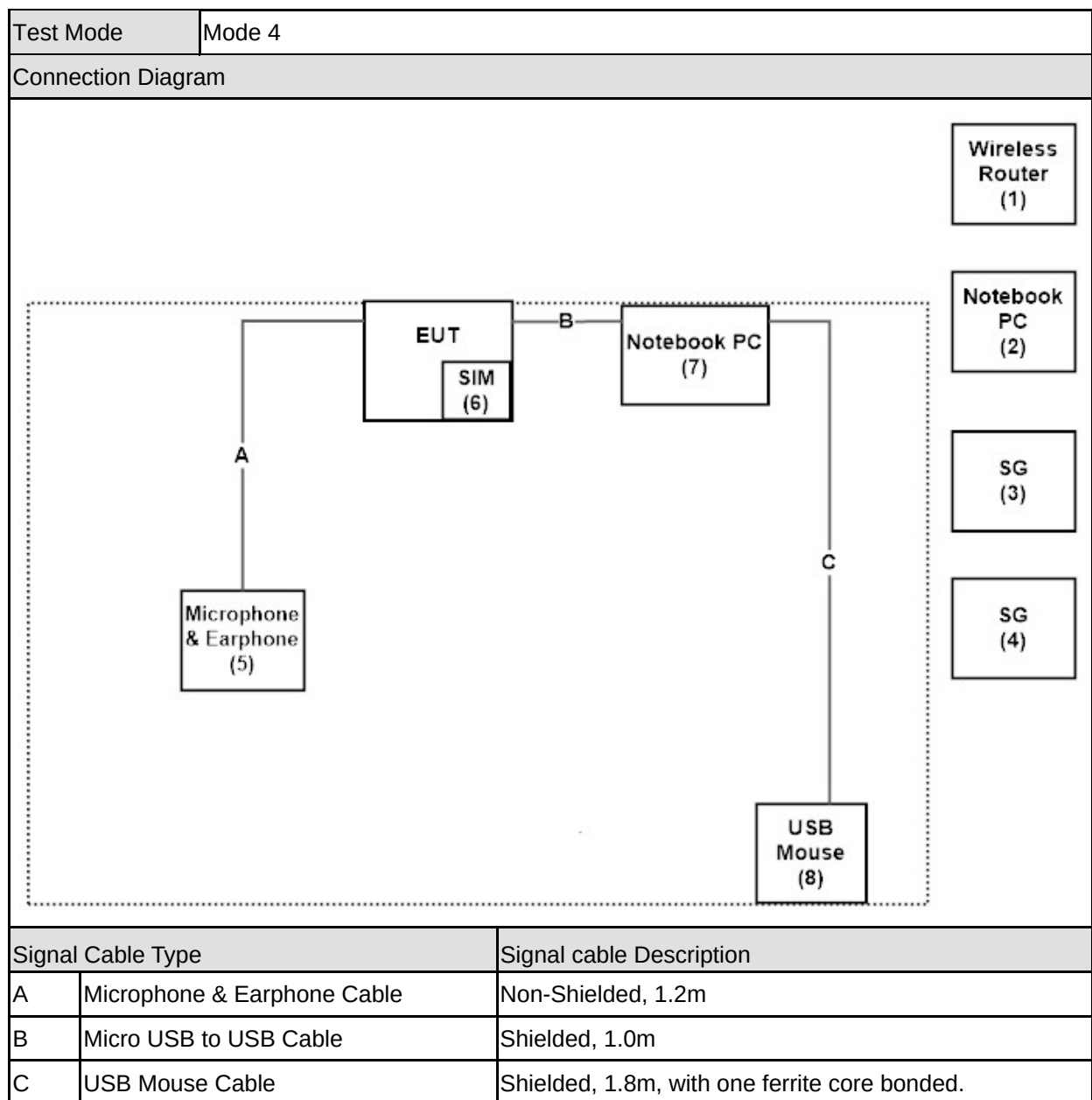
Test Mode		Mode 4			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Wireless Router	TP-LINK	TL-WR1043ND	13463900123	Non-Shielded, 1.8m
2	Notebook PC	DELL	Latitude 5580	2HRD7H2	Non-Shielded, 0.8m
3	SG	Orolia	GSG-5 GLO PENDULUM	N/A	Non-Shielded, 1.8m
4	SG	R&S	CMW500	N/A	Non-Shielded, 1.8m
5	Microphone & Earphone	RONEVER	MOE240	N/A	N/A
6	SIM	R&S	GP CMW-Z06	113706	N/A
7	Notebook PC	DELL	Latitude 5580	GDZN7H2	Non-Shielded, 0.8m
8	USB Mouse	Microsoft	1113	N/A	N/A

1.4. Configuration of Tested System



Note:

- ☒ Use Full system setup configuration determines Worst-Case Mode.
- ☐ Use 2dB law program determines Max. Cable Configuration and Worst-Case Mode.
- ☒ Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth to 3m from the EUT size sufficient to cover the procedure.
- ☒ Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth non 3m distance sufficient to cover the size of the EUT program.

**Note:**

- ☒ Use Full system setup configuration determines Worst-Case Mode.
- ☐ Use 2dB law program determines Max. Cable Configuration and Worst-Case Mode.
- ☒ Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth to 3m from the EUT size sufficient to cover the procedure.
- ☒ Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth non 3m distance sufficient to cover the size of the EUT program.

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	All the features of the EUT operation normally.

2. Technical Test

2.1. Summary of Test Result

- ☒ No deviations from the test standards
☐ Deviations from the test standards as below description:

Emission			
Performed Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart B: 2019, Class B CISPR 22: 2008 , ANSI C63.4: 2014	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2019, Class B CISPR 22: 2008 , ANSI C63.4: 2014	Yes	No

Note: Test Site Validation was carried out according to ANSI C63.4a: 2017.

2.2. List of Test Equipment

Conducted Emission / SR2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESR3	102472	2020/08/21
LISN	R&S	ENV216	101128	2021/01/06
LISN	R&S	ESH3-Z5	836679/014	2021/05/04
Coaxial Cable	DEKRA	RG 400	LC017-RG	2020/06/19

Note: Test Receiver Detector: Quasipeak and Average Bandwidth: 9kHz

Radiated Emission / Site 5

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Broadband Antenna	Schwarzbeck	VULB 9168	0851	2021/03/15
EMI Test Receiver	R&S	ESR3	102186	2021/05/21
Coaxial Cable	DEKRA	RG 214	LC005-RG	2020/06/14
Pre-Amplifier	Jet-Power	JPA-10M1G33	170101000330012	2020/06/14
Site5 NSA	DEKRA	N/A	N/A	2020/06/14

Note: Test Receiver Detector: Quasipeak Bandwidth: 120kHz

Radiated Emission / CB7

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESU26	100433	2020/11/20
Horn Antenna	ETS-Lindgren	3117	00202723	2020/09/25
Pre-Amplifier	EMCI	EMC051845SE	980359	2020/11/11
CB7 VSWR	DEKRA	N/A	N/A	2020/06/23

USA : FCC Registration Number: TW1014

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 3.44 dB.

Radiated Emission

The measurement uncertainty is evaluated as ± 4.22 dB.

Radiated Emission Above 1GHz

The measurement uncertainty is evaluated as ± 5.08 dB.

2.4. Test Environment

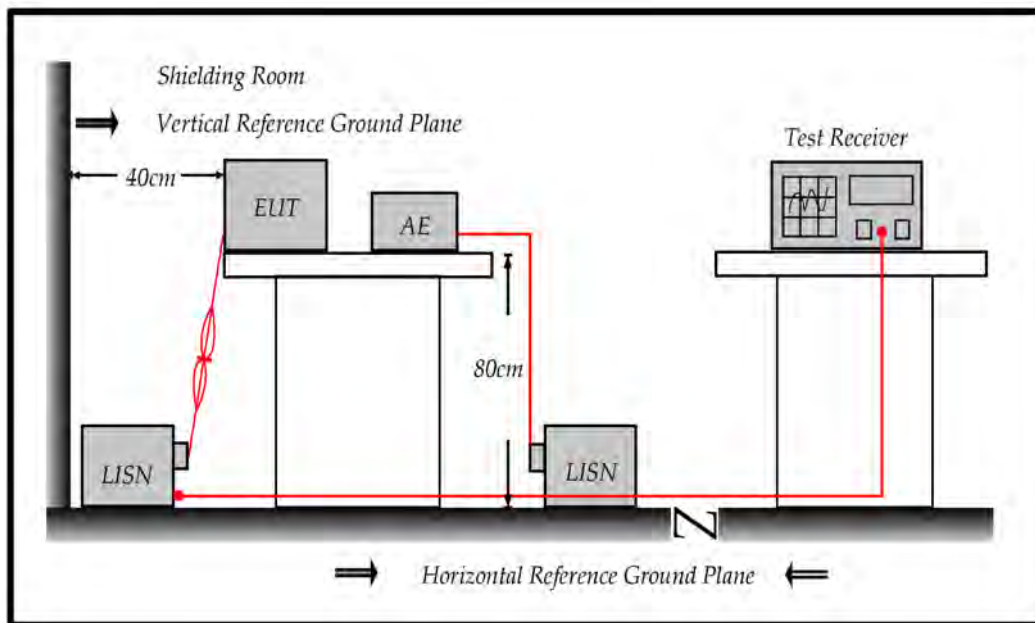
Performed Item	Items	Required
Conducted Emission	Temperature (°C)	10-40
	Humidity (%RH)	10-90
Radiated Emission	Temperature (°C)	10-40
	Humidity (%RH)	10-90

3. Conducted Emission

3.1. Test Specification

According to Standard : FCC Part 15 Subpart B, ANSI C63.4

3.2. Test Setup



3.3. Limit

Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

3.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.

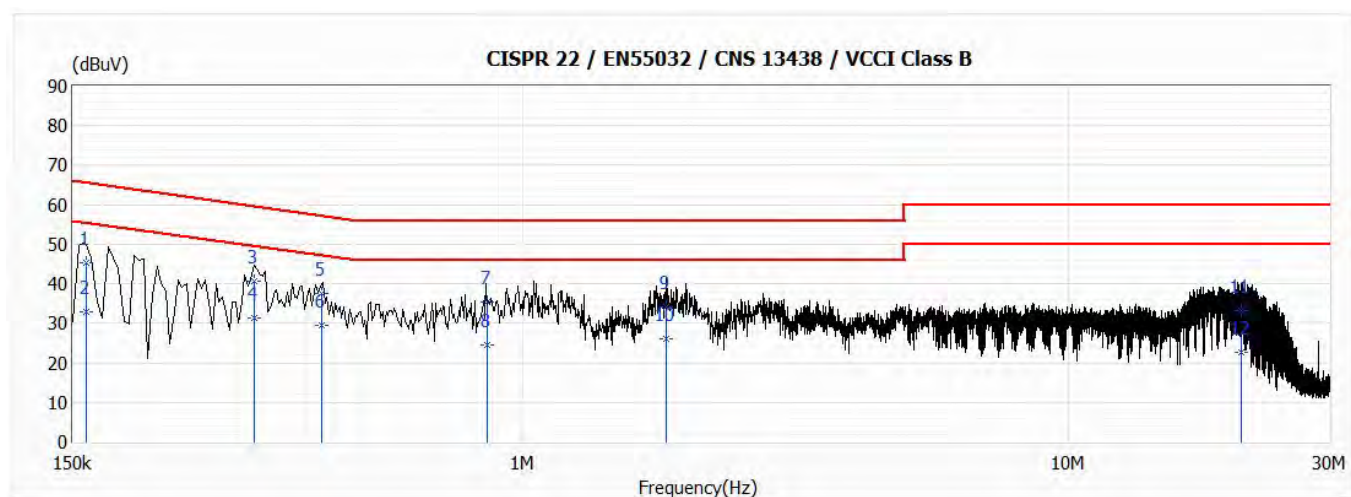
(Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Test Result

Model No	EA211101	Site	SR2
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 3	Engineer	Sian Chen
Phase	L1	Temperature (°C)	23.6
Test Condition	--	Humidity (%RH)	52

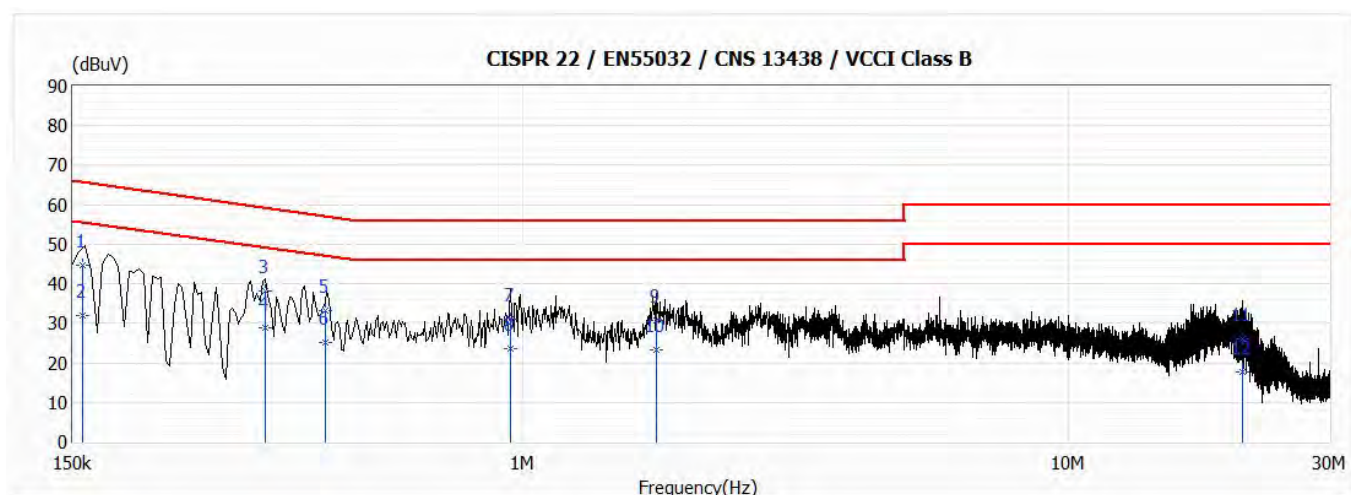


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.158	45.37	65.55	-20.18	35.61	9.76	QP
2	0.158	32.84	55.55	-22.71	23.08	9.76	AV
3	0.322	40.53	59.66	-19.13	30.79	9.74	QP
4	0.322	31.33	49.66	-18.33	21.59	9.74	AV
5	0.429	37.66	57.27	-19.61	27.91	9.75	QP
*6	0.429	29.47	47.27	-17.80	19.72	9.75	AV
7	0.859	35.46	56.00	-20.54	25.70	9.76	QP
8	0.859	24.61	46.00	-21.39	14.85	9.76	AV
9	1.833	34.01	56.00	-21.99	24.21	9.80	QP
10	1.833	26.06	46.00	-19.94	16.26	9.80	AV
11	20.674	33.11	60.00	-26.89	22.93	10.18	QP
12	20.674	22.61	50.00	-27.39	12.43	10.18	AV

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin= Emission Level - Limit.

Model No	EA211101	Site	SR2
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 3	Engineer	Sian Chen
Phase	N	Temperature (°C)	23.6
Test Condition	--	Humidity (%RH)	52

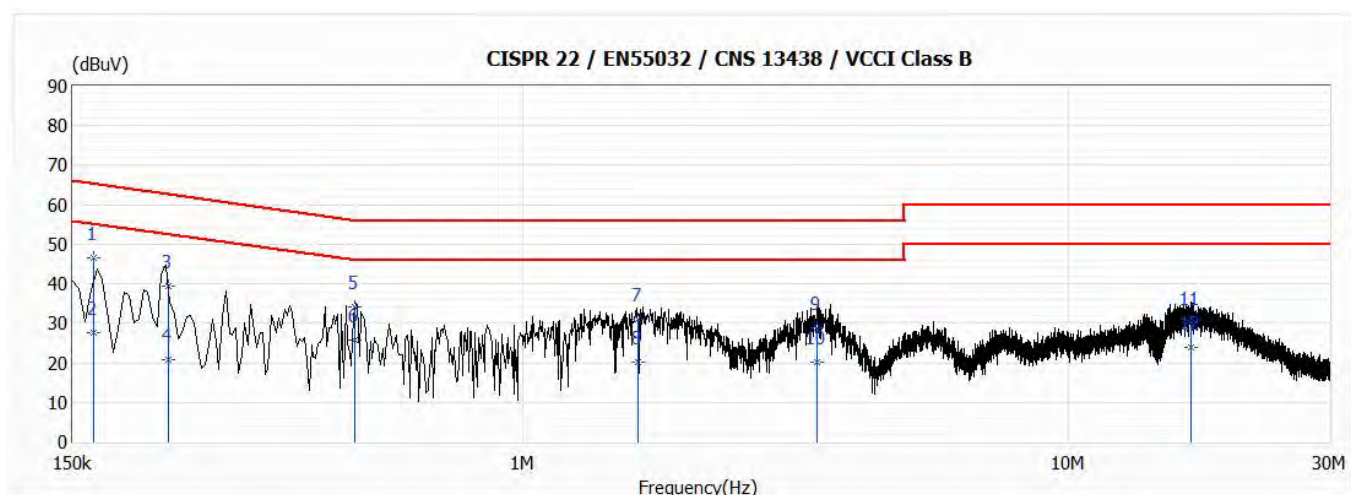


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.157	44.78	65.64	-20.86	35.03	9.75	QP
2	0.157	32.00	55.64	-23.64	22.25	9.75	AV
3	0.338	38.31	59.26	-20.95	28.57	9.74	QP
*4	0.338	28.86	49.26	-20.40	19.12	9.74	AV
5	0.436	33.26	57.14	-23.88	23.52	9.74	QP
6	0.436	25.11	47.14	-22.03	15.37	9.74	AV
7	0.949	31.12	56.00	-24.88	21.35	9.77	QP
8	0.949	23.65	46.00	-22.35	13.88	9.77	AV
9	1.761	30.73	56.00	-25.27	20.93	9.80	QP
10	1.761	23.24	46.00	-22.76	13.44	9.80	AV
11	20.798	26.20	60.00	-33.80	15.94	10.26	QP
12	20.798	17.80	50.00	-32.20	7.54	10.26	AV

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin= Emission Level - Limit.

Model No	EA211101	Site	SR2
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 4	Engineer	Sian Chen
Phase	L1	Temperature (°C)	23.6
Test Condition	--	Humidity (%RH)	52

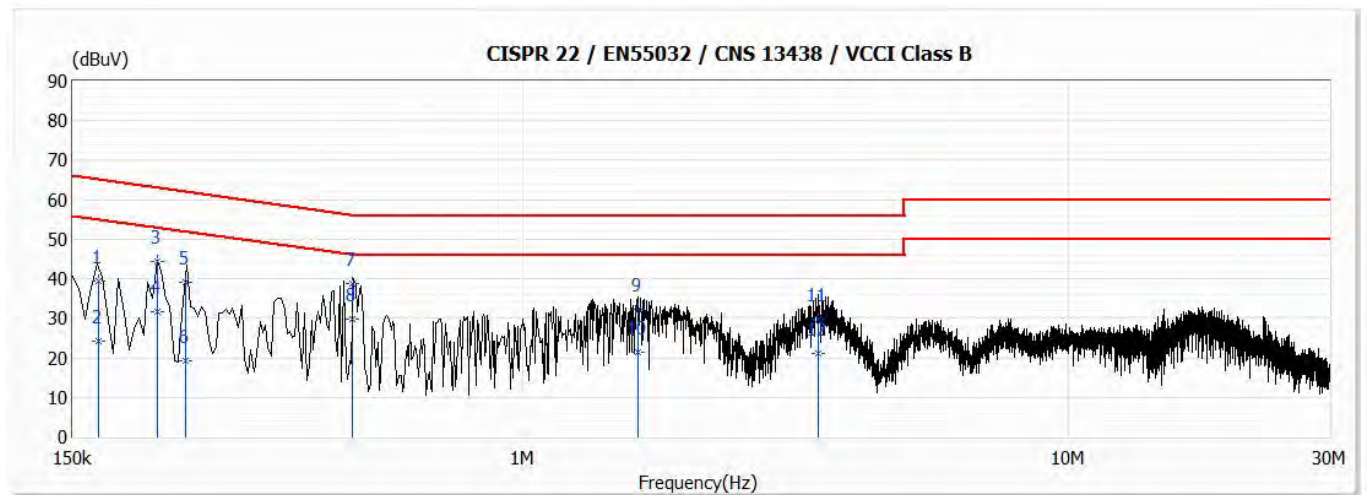


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.164	46.60	65.27	-18.67	36.84	9.76	QP
2	0.164	27.68	55.27	-27.59	17.92	9.76	AV
3	0.224	39.29	62.66	-23.37	29.54	9.75	QP
4	0.224	20.89	52.66	-31.77	11.14	9.75	AV
5	0.493	34.13	56.12	-21.99	24.38	9.75	QP
6	0.493	25.87	46.12	-20.25	16.12	9.75	AV
7	1.622	31.01	56.00	-24.99	21.21	9.80	QP
8	1.622	20.08	46.00	-25.92	10.28	9.80	AV
9	3.456	28.77	56.00	-27.23	18.91	9.86	QP
10	3.456	20.26	46.00	-25.74	10.40	9.86	AV
11	16.722	29.95	60.00	-30.05	19.82	10.13	QP
12	16.722	23.91	50.00	-26.09	13.78	10.13	AV

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin= Emission Level - Limit.

Model No	EA211101	Site	SR2
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 4	Engineer	Sian Chen
Phase	N	Temperature (°C)	23.6
Test Condition	--	Humidity (%RH)	52



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.167	39.33	65.10	-25.77	29.58	9.75	QP
2	0.167	24.28	55.10	-30.82	14.53	9.75	AV
3	0.214	44.40	63.04	-18.64	34.66	9.74	QP
4	0.214	31.77	53.04	-21.27	22.03	9.74	AV
5	0.241	38.97	62.07	-23.10	29.23	9.74	QP
6	0.241	19.34	52.07	-32.73	9.60	9.74	AV
7	0.488	38.65	56.21	-17.56	28.91	9.74	QP
*8	0.488	29.74	46.21	-16.47	20.00	9.74	AV
9	1.622	32.19	56.00	-23.81	22.39	9.80	QP
10	1.622	21.34	46.00	-24.66	11.54	9.80	AV
11	3.470	29.84	56.00	-26.16	19.98	9.86	QP
12	3.470	20.97	46.00	-25.03	11.11	9.86	AV

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin= Emission Level - Limit.

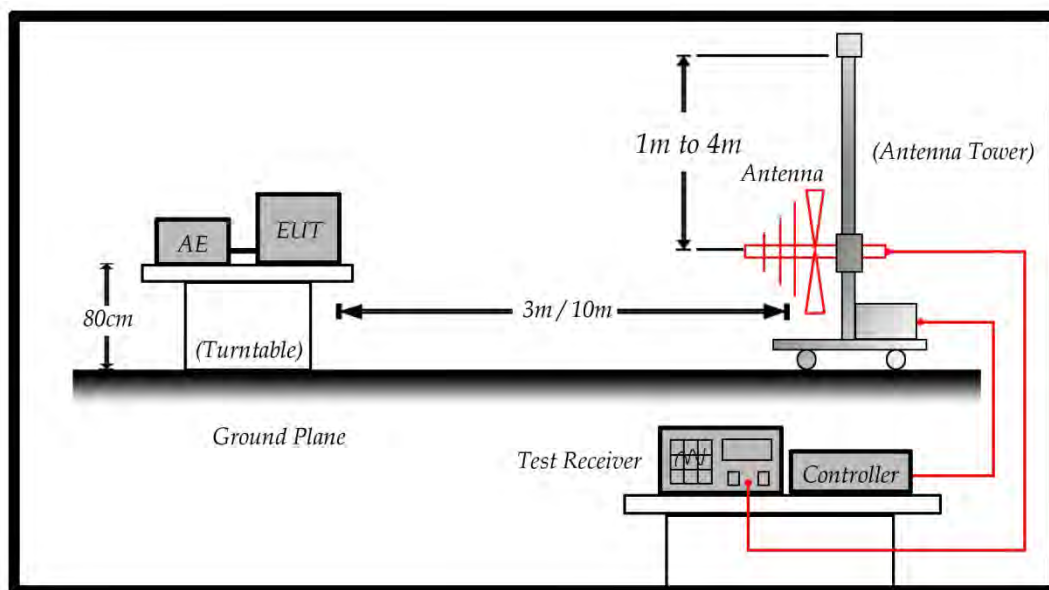
4. Radiated Emission

4.1. Test Specification

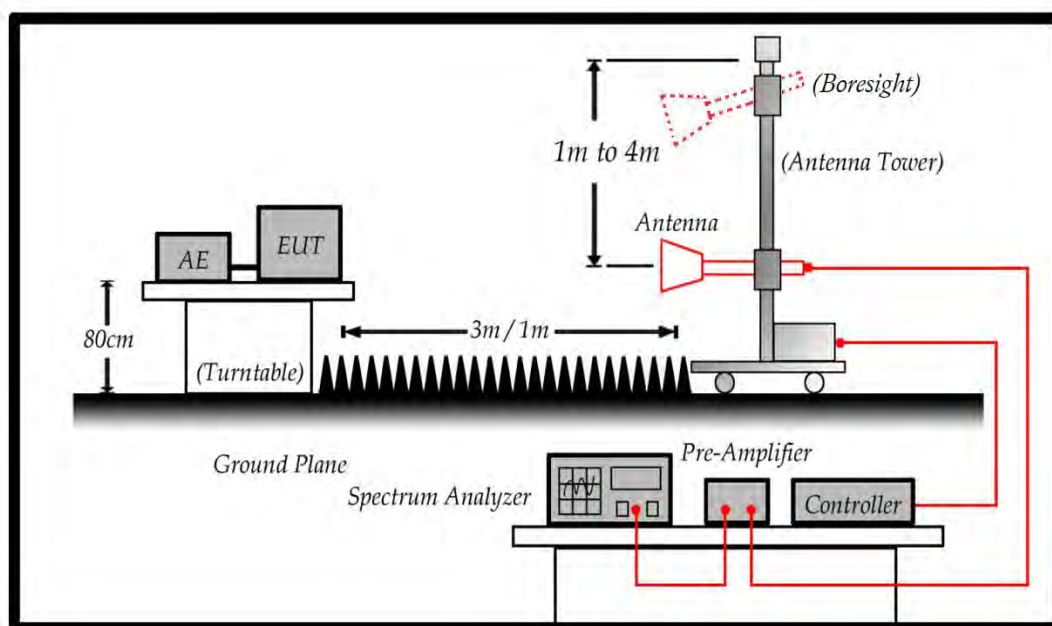
According to EMC Standard : FCC Part 15 Subpart B, ANSI C63.4

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

Under 1GHz test shall not exceed the following value:

Limits		
Frequency (MHz)	Distance (m)	dBμV/m
30 – 230	10	30
230 – 1000	10	37

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)		
Frequency (MHz)	Distance (m)	dBuV/m
30-88	3	40
88-216	3	43.5
216-960	3	46
960-18000	3	54
Above 18000	1	63.54

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna (boresight antenna tower) can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

On any frequency or frequencies below or equal to 1000 MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000 MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement are included emission measurement Above 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

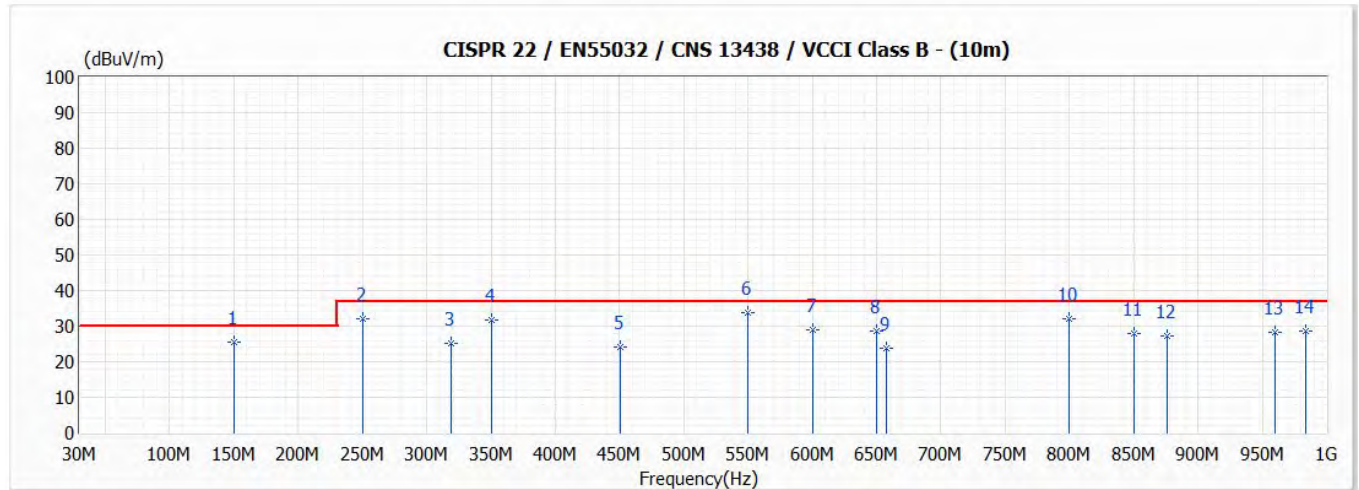
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.

For class B, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (Test Receiver) is 120 kHz and above 1GHz is 1MHz.

4.5. Test Result

Model No	EA211101	Site	SITE5
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 3	Engineer	Nick Lin
Polarity	Horizontal	Temperature (°C)	32
Test Condition	--	Humidity (%RH)	81

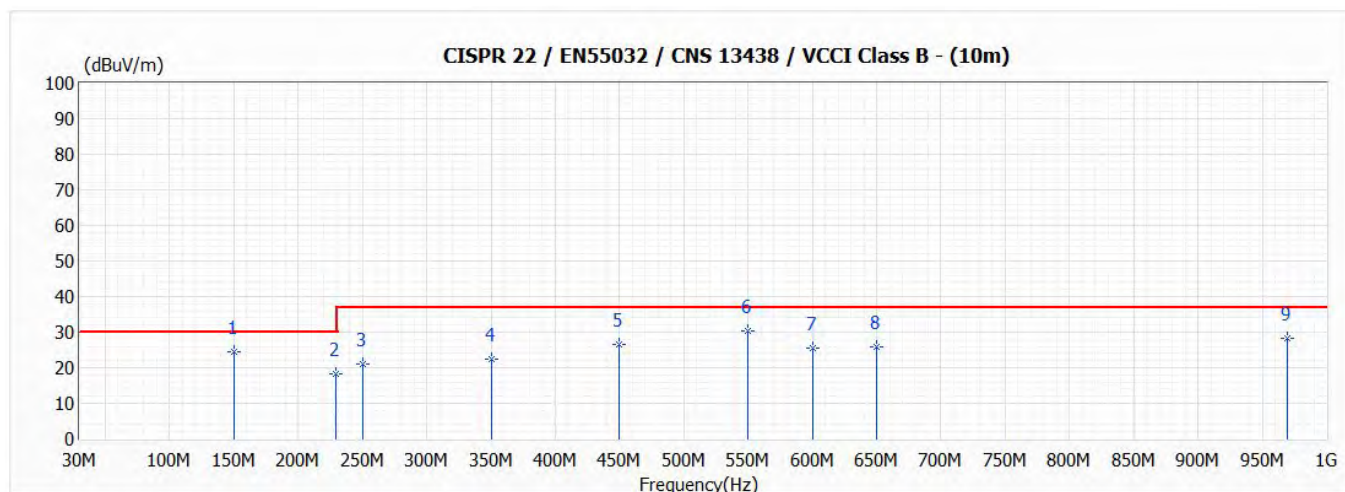


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	150.000	25.58	30.00	-4.42	36.50	-10.92	400	11	QP
2	250.000	32.11	37.00	-4.89	43.44	-11.33	400	85	QP
3	318.790	25.31	37.00	-11.69	33.80	-8.49	300	174	QP
4	350.000	31.67	37.00	-5.33	39.50	-7.83	200	103	QP
5	450.250	24.23	37.00	-12.77	28.74	-4.51	200	174	QP
* 6	550.000	33.84	37.00	-3.16	36.20	-2.36	200	17	QP
7	600.000	29.08	37.00	-7.92	29.60	-0.52	200	41	QP
8	650.000	28.70	37.00	-8.30	28.10	0.60	100	-57	QP
9	657.860	23.77	37.00	-13.23	23.10	0.67	100	43	QP
10	800.000	32.03	37.00	-4.97	28.00	4.03	100	14	QP
11	850.000	27.99	37.00	-9.01	23.20	4.79	100	71	QP
12	876.270	27.32	37.00	-9.68	22.00	5.32	100	-85	QP
13	960.000	28.15	37.00	-8.85	21.00	7.15	100	85	QP
14	984.260	28.53	37.00	-8.47	21.00	7.53	100	171	QP

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin=Emission Level - Limit.

Model No	EA211101	Site	SITE5
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 3	Engineer	Nick Lin
Polarity	Vertical	Temperature (°C)	32
Test Condition	--	Humidity (%RH)	81

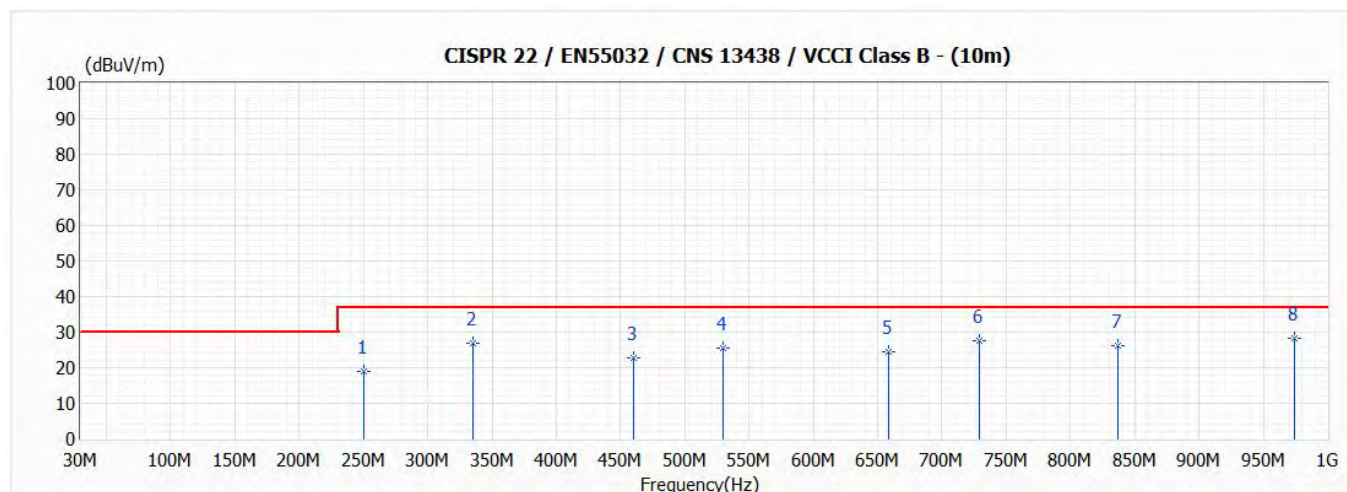


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	150.000	24.48	30.00	-5.52	35.40	-10.92	100	71	QP
2	229.090	18.39	30.00	-11.61	31.20	-12.81	100	181	QP
3	250.000	20.97	37.00	-16.03	32.30	-11.33	100	157	QP
4	350.000	22.57	37.00	-14.43	30.40	-7.83	150	-54	QP
5	450.000	26.67	37.00	-10.33	31.20	-4.53	300	17	QP
6	550.000	30.34	37.00	-6.66	32.70	-2.36	300	81	QP
7	600.000	25.48	37.00	-11.52	26.00	-0.52	300	171	QP
8	650.000	25.90	37.00	-11.10	25.30	0.60	250	-96	QP
9	969.880	28.36	37.00	-8.64	21.00	7.36	150	171	QP

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin=Emission Level - Limit.

Model No	EA211101	Site	SITE5
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 4	Engineer	Nick Lin
Polarity	Horizontal	Temperature (°C)	32
Test Condition	--	Humidity (%RH)	81

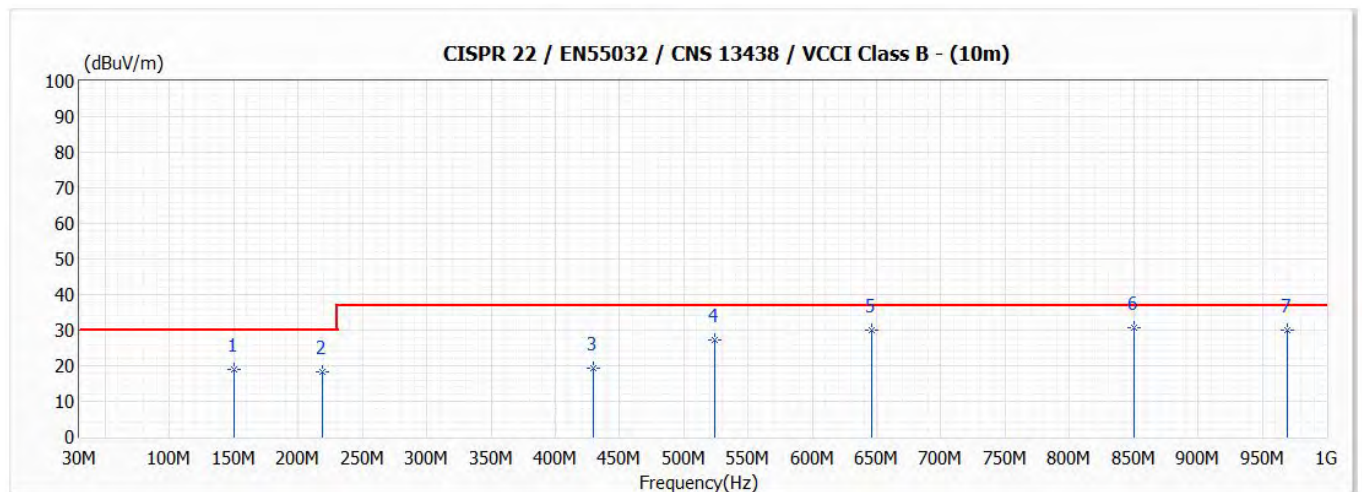


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	250.000	19.01	37.00	-17.99	30.34	-11.33	400	17	QP
2	335.000	26.86	37.00	-10.14	34.80	-7.94	300	81	QP
3	460.000	22.74	37.00	-14.26	27.10	-4.36	200	-132	QP
4	530.000	25.66	37.00	-11.34	28.50	-2.84	200	9	QP
5	658.600	24.49	37.00	-12.51	23.80	0.69	100	174	QP
6	729.020	27.63	37.00	-9.37	25.00	2.63	100	14	QP
7	837.000	26.30	37.00	-10.70	21.70	4.60	100	57	QP
* 8	973.780	28.31	37.00	-8.69	20.90	7.41	100	147	QP

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin=Emission Level - Limit.

Model No	EA211101	Site	SITE5
Test Voltage	AC 120V/60Hz	Test Date	2021/6/2
Test Mode	Mode 4	Engineer	Nick Lin
Polarity	Vertical	Temperature (°C)	32
Test Condition	--	Humidity (%RH)	81

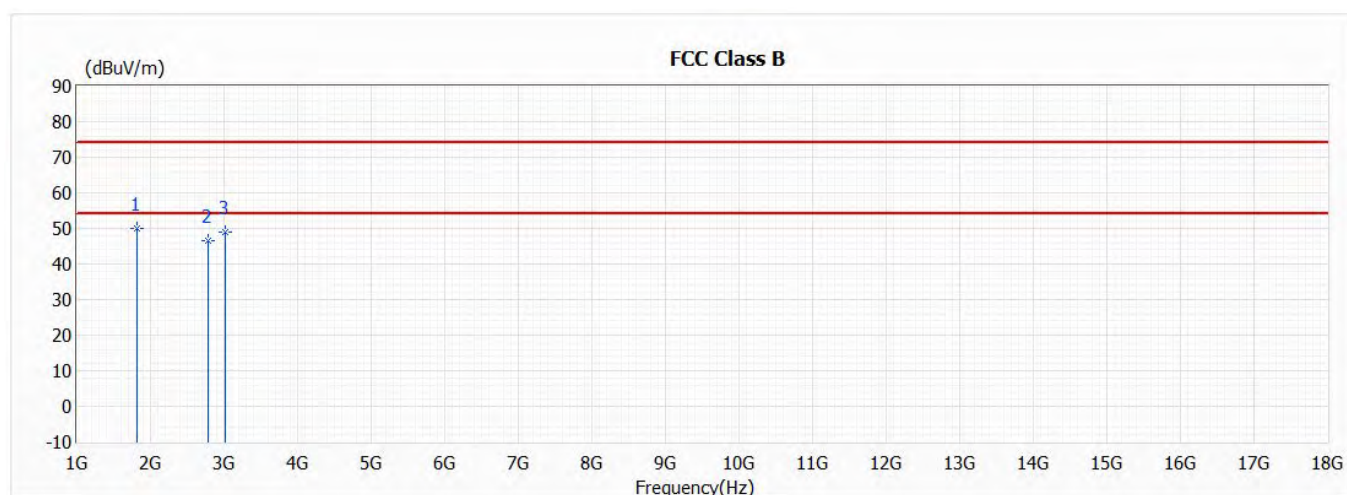


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	150.000	18.88	30.00	-11.12	29.80	-10.92	150	21	QP
2	219.250	18.17	30.00	-11.83	31.72	-13.55	150	-147	QP
3	429.620	19.43	37.00	-17.57	24.50	-5.07	300	17	QP
4	524.000	27.39	37.00	-9.61	30.50	-3.11	300	47	QP
5	646.360	29.95	37.00	-7.05	29.40	0.55	250	-171	QP
* 6	850.440	30.79	37.00	-6.21	26.00	4.79	150	76	QP
7	969.770	30.16	37.00	-6.84	22.80	7.36	150	57	QP

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=LISN Factor+Cable Loss).
3. Margin=Emission Level - Limit.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

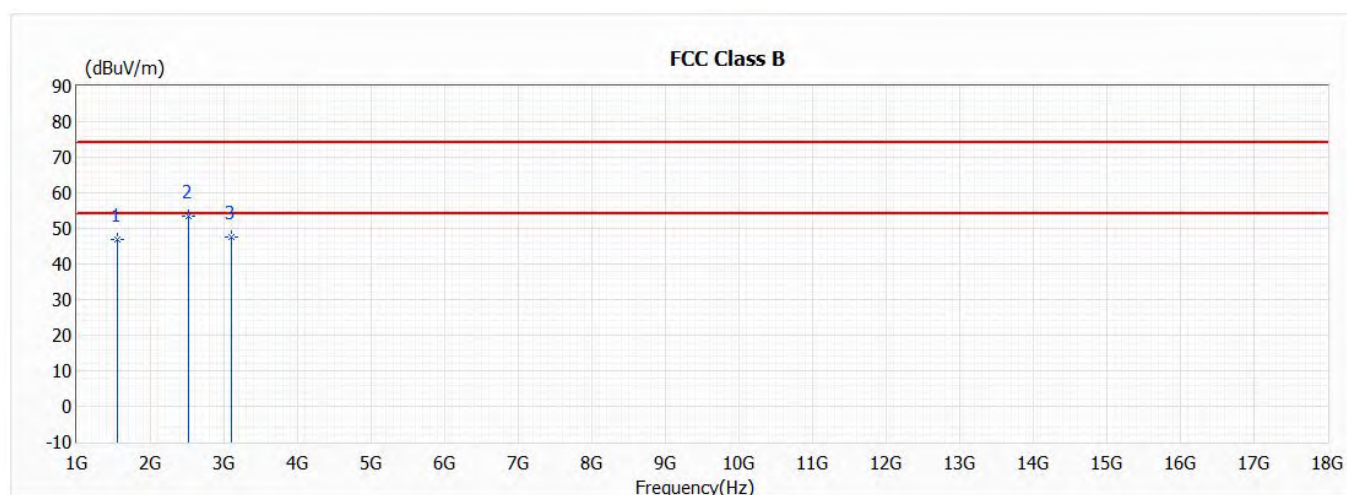


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	1816.000	49.97	74.00	-24.03	59.89	-9.92	130	191	PK
2	2785.000	46.59	74.00	-27.41	52.78	-6.19	150	-127	PK
3	3023.000	48.85	74.00	-25.15	54.09	-5.24	120	76	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

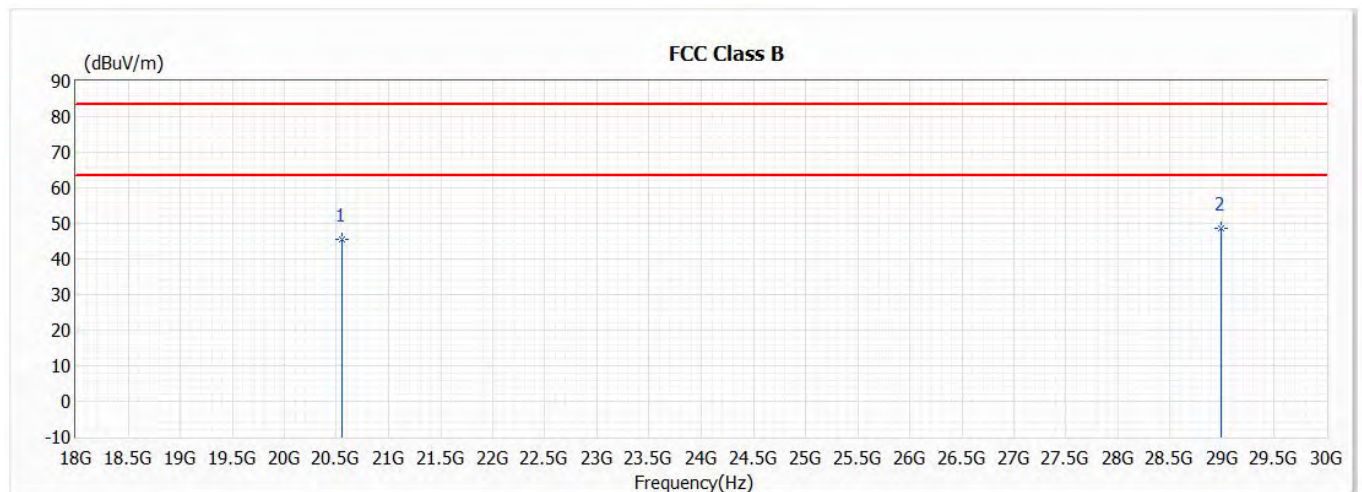


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1544.000	46.80	74.00	-27.20	59.75	-12.95	100	169	PK
* 2	2513.000	53.31	74.00	-20.69	60.33	-7.02	160	-133	PK
3	3108.000	47.58	74.00	-26.42	52.50	-4.92	140	82	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

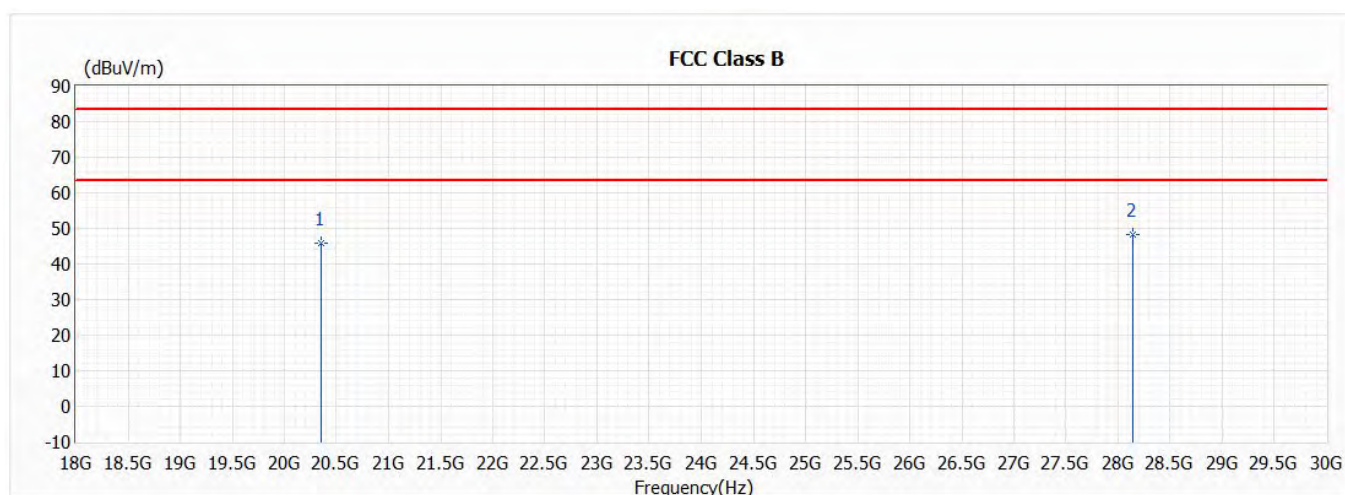


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20557.000	45.50	83.50	-38.00	45.08	0.42	100	47	PK
* 2	28994.000	48.70	83.50	-34.80	44.52	4.18	100	-122	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

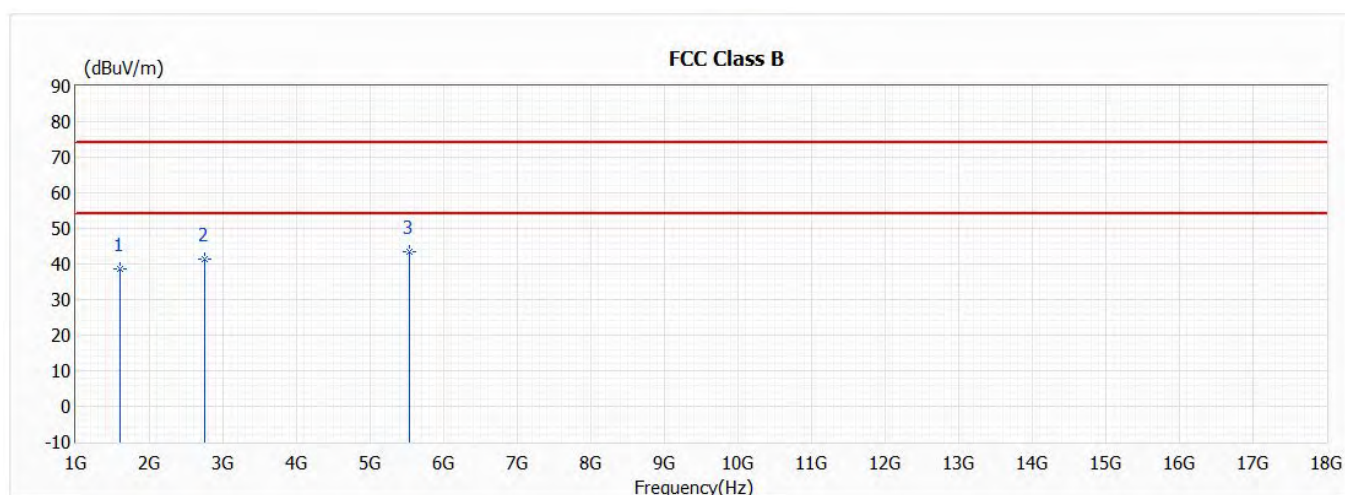


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20358.000	45.70	83.50	-37.80	45.49	0.21	100	93	PK
* 2	28147.000	48.30	83.50	-35.20	43.69	4.61	100	-106	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

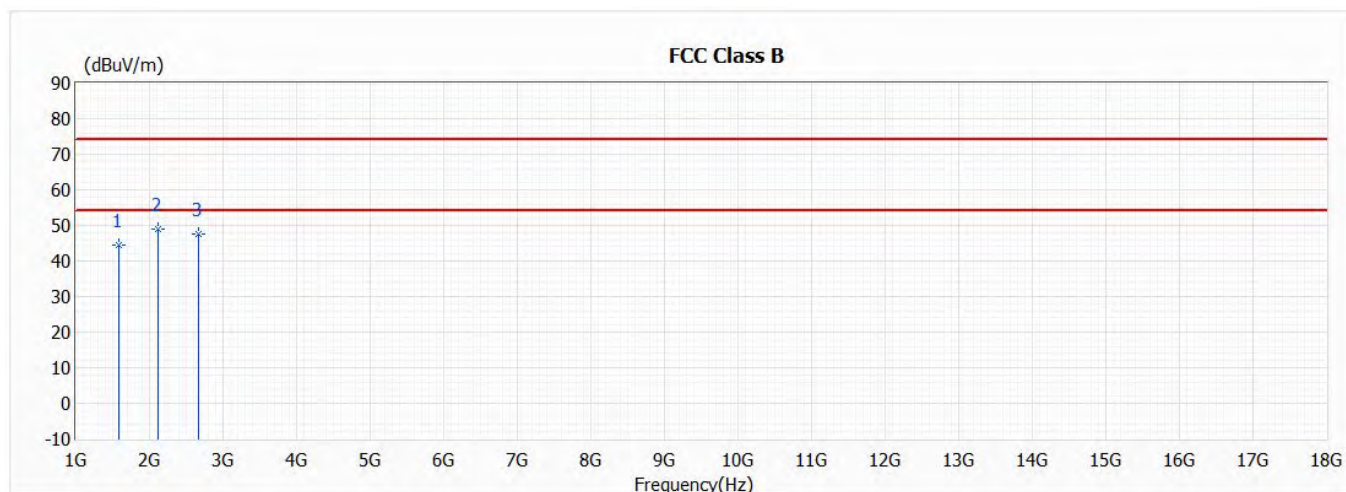


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1595.000	38.64	74.00	-35.36	51.24	-12.60	120	194	PK
2	2751.000	41.28	74.00	-32.72	47.49	-6.21	100	-136	PK
* 3	5539.000	43.60	74.00	-30.40	43.92	-0.32	150	81	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

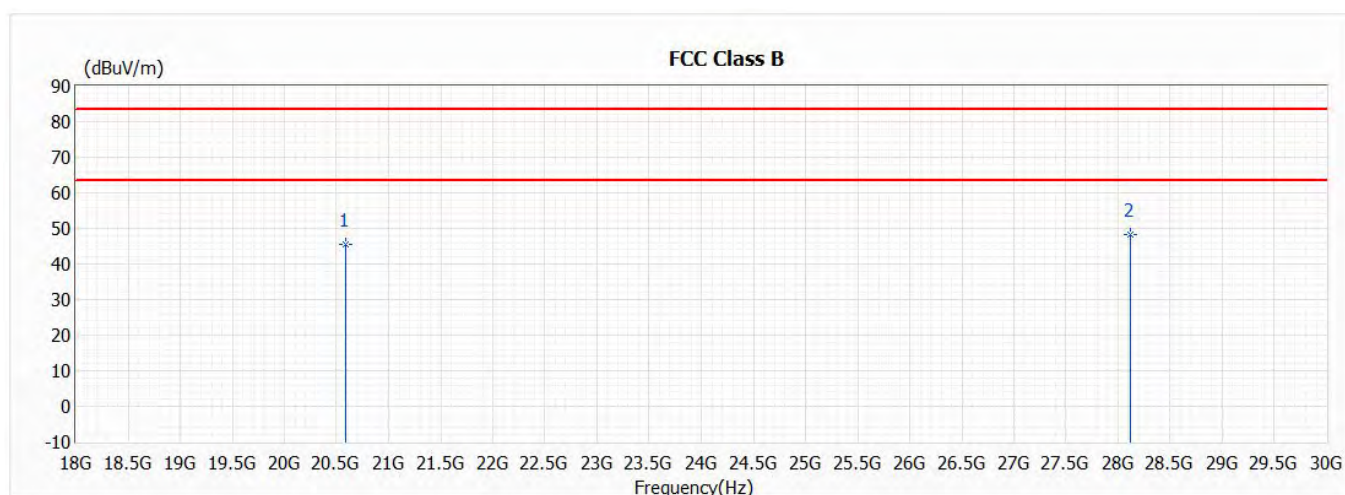


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1578.000	44.49	74.00	-29.51	57.21	-12.72	110	-153	PK
* 2	2122.000	48.99	74.00	-25.01	57.12	-8.13	150	186	PK
3	2666.000	47.66	74.00	-26.34	53.90	-6.24	100	97	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60

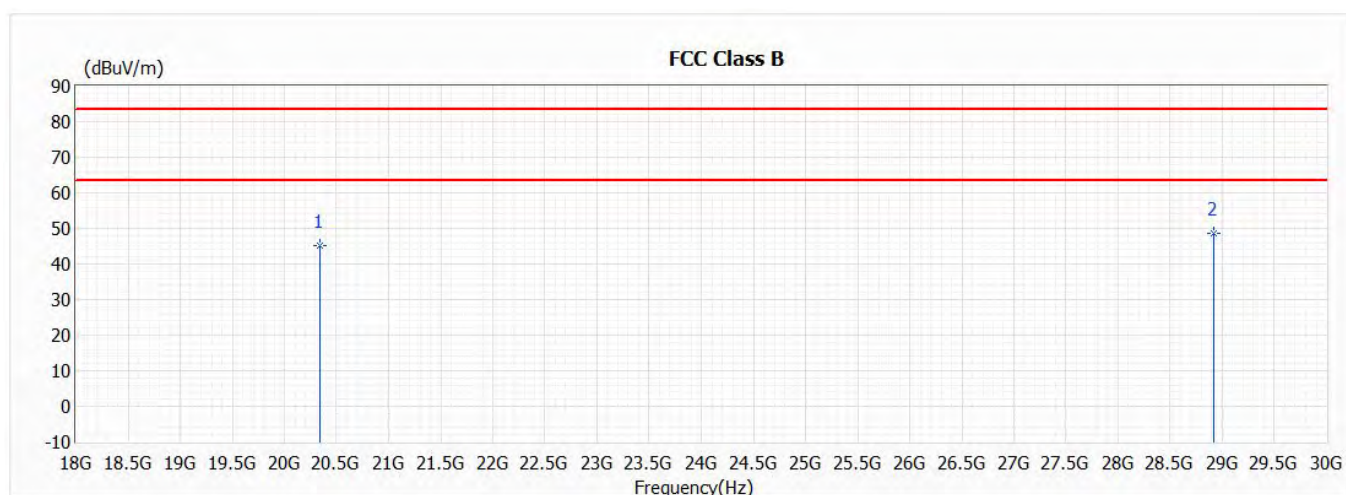


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20586.000	45.40	83.50	-38.10	45.01	0.39	100	172	PK
* 2	28119.000	48.30	83.50	-35.20	43.64	4.66	100	-64	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	EA211101	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2021/6/3
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	25.5
Test Condition	--	Humidity (%RH)	60



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20337.000	45.30	83.50	-38.20	45.13	0.17	100	-125	PK
* 2	28916.000	48.60	83.50	-34.90	44.30	4.30	100	188	PK

Remark:

1. "*" means this data is the worst emission level; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss-Pre Amp).
3. Margin= Emission Level-Limit.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.