FCC SDoC Test Report

Issued date: Sep. 18, 2020

Project No.: 20Q090902

Product : CFexpress

Model : PV910-CFX, PX910-CFX (X=A~Z)

Applicant : Apacer Technology Inc.

Address : 1F., No.32, Zhongcheng Rd., Tucheng Dist., New Taipei City 236, Taiwan (R.O.C)

Report No: WD-EF-R-200266-A0

According to

47 CFR FCC Part 15, Subpart B, Class B ANSI C63.4: 2014

ICES-003: 2016 Issue 6, Class B

Authorized Signatory : / Ken Huang

Wendell Industrial Co., Ltd

Wendell EMC & RF Laboratory

Add: 6F/6F-1, No.188, Baoqiao Rd., Xindian Dist., New Taipei City 23145, Taiwan R.O.C.

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History of this test report

Report No.	Issue date	Description
WD-EF-R-200266-A0	Sep. 18, 2020	Initial Issue

Declaration

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us.

History of supplementary report

Report No.	Issue date	Description
WD-EF-R-200266-A0	Sep. 18, 2020	Original report

1 Certification

Product:	CFexpress
Brand Name:	Apacer
Model:	PV910-CFX, PX910-CFX (X=A~Z)
Applicant:	Apacer Technology Inc.
Tested:	Sep. 10, 2020
Standard:	47 CFR FCC Part 15, Subpart B, Class B
	ICES-003: 2016 Issue 6, Class B
	ANSI C63.4: 2014

The above equipment (Model: PV910-CFX) has been tested by **Wendell EMC & RF Laboratory**, and found compliance with the requirement of the above standards. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Please note that the measurement uncertainty are provided for informational purpose only and are not used in determining the Pass/Fail results.

1.1 Summary of Test Result

The EUT has been tested according to the following specifications:

Emission				
Standard	**Test Item**	**Limit**	**Result**	**Remark**
47 CFR FCC Part 15, Subpart B	Conducted disturbance at mains terminals	Class B	Pass	Meets the requirements
ICES-003	Radiated disturbance	Class B	Pass	Meets the requirements

Note: Test record contained in the referenced test report relate only to the EUT sample and test item.

2 Test Configuration of Equipment Under Test

2.1 Test Facility

FCC Designation / Registration Number:

W01: TW1117 / 831863

W08: TW1122 / 763672

Conducted disturbance at mains terminals Test

W01: 5F-1, No.188, Baoqiao Rd., Xindian Dist., New Taipei City 23145, Taiwan (R.O.C)

Radiated emission (9*6*6 Chamber) Tests

W08: No.119, Wugong 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C)

ACCREDITATIONS

The laboratories are accredited and approved by the TAF according to ISO/IEC 17025.

2.2 Measurement Uncertainty

The measurement instrumentation uncertainly consideration contained in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
Please note that the measurement uncertainty are provided for informational purpose only and are not used in determining the Pass/Fail results.

2.2.1 Conducted Emission test

Test Site	Measurement Freq. Range	dB (U_{Lab})	Note
W01	150 kHz ~ 30 MHz	2.72	N/A

2.2.2 Radiated Emission test

Test Site	Measurement Freq. Range	Ant	dB (U_{Lab})	Note
W08	30 MHz ~ 200 MHz	V	3.68	N/A
	30 MHz ~ 200 MHz	H	2.70	N/A
	200 MHz ~ 1000 MHz	V	5.19	N/A
	200 MHz ~ 1000 MHz	H	3.26	N/A
	1 GHz ~ 6 GHz	V	4.98	N/A
	1 GHz ~ 6 GHz	H	5.07	N/A
	6 GHz ~ 18 GHz	V	5.09	N/A
	6 GHz ~ 18 GHz	H	4.99	N/A
	18 GHz ~ 40 GHz	V	4.72	N/A
	18 GHz ~ 40 GHz	H	4.72	N/A

3 General Information

3.1 Description of EUT

Product	CFexpress
Brand	Apacer
Model	PV910-CFX, PX910-CFX (X=A~Z)
Applicant	Apacer Technology Inc.
Received Date	Sep. 09, 2020
EUT Power Rating	5Vdc (from host equipment)
Model Differences	The models are electrically identical, different models no. are for marketing purpose.
Operating System	N/A
Data Cable Supplied	N/A
Accessory Device	N/A
I/O Port	Please refer to the User's Manual

Note:

1. The EUT's highest operating frequency is more than 108MHz. Therefore the radiated emission is tested up to 6GHz.

3.2 Description of Test Modes

Test results are presented in the report as below.

Test Mode	Test Condition
Conducted emission test	
-	Normal mode
Radiated emission 30MHz ~ 1GHz test	
-	Normal mode
Radiated emission above 1GHz test	
-	Normal mode

3.3 EUT Operating Condition

a. Inserted the EUT into PC and placed on test table.
b. The PC run test program “BurnIN.exe” to enable all functions.
c. The PC sent “H” message to monitor and displayed on screen.
d. The microphone sent voice signal to PC.
e. The PC sent voice signal to earphone.
f. The PC sent signal to printer.
g. The PC read/write data with EUT.

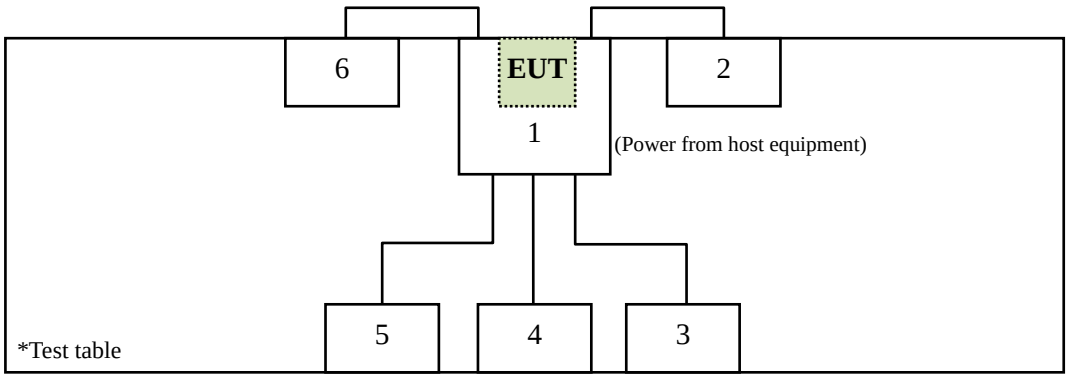
3.4 Description of Support Unit

The EUT has been conducted testing with other necessary accessories or support units.

Item	Equipment	Brand	Model No.	Serial No.	FCC ID	Data Cable	Power Cord	Remark
1	PC	DELL	D27M	N/A	N/A	N/A	1.8m non-shielded cable	-
2	4K Monitor	PHILIPS	276E8V	UKC1926000441	FCC DoC Approved	1.5m shielded HDMI cable	AC: 1.8m non-shielded cable DC: 1.4m non-shielded cable with 1 core	-
3	Keyboard	DELL	KB4021	N/A	FCC DoC Approved	1.5m non-shielded cable	N/A	-
4	Mouse	DELL	MS111-L	N/A	FCC DoC Approved	1.5m non-shielded cable	N/A	-
5	Earphone & Microphone	E-books	E-EPA057	N/A	N/A	1.4m non-shielded cable	N/A	-
6	Printer	HP	SNPRH-1504	CN738282V9	FCC DoC Approved	1.4m shielded cable	1.7m non-shielded cable	-

Note: 1. The core(s) is(are) originally attached to the cable(s).

3.5 Configuration of System Under Test



4 Emission Test

4.1 Conducted Emission Measurement (Frequency Range 150 KHz-30MHz)

4.1.1 Limit of Conducted Emission Measurement

Frequency (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 to 0.5	79	66	66 to 56	56 to 46
0.50 to 5.0	73	60	56	46
5.0 to 30.0	73	60	60	50

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
3. Detector function in the form: PK = Peak, QP = Quasi Peak, AV = Average
4. The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correction Factor = Insertion loss of LISN + Cable loss + Transient Limiter (If use)
Margin Level = Measurement Value –Limit Value

4.1.2 Test Instrument

Test Site: W01-CE					
Item	**Equipment**	**Manufacturer**	**Model**	**Meter No.**	**Calibration Date**
1	TWO-LINE V-NETWORK	R&S	ENV216	CT-1-025-1	Apr. 29, 2020
2	Pulse limiter	R&S®	ESH3-Z2	CT-2-015	Apr. 27, 2020
3	EMI Test Receiver	R&S	ESCI	CT-1-024	Apr. 29, 2020
4	V-LISN	Schwarzbeck	NSLK8127	CT-1-104-1	Apr. 29, 2020
5	Test Cable	Marvelous Microwave Inc	200200.400LL .500A	CT-10-048-1	Apr. 27, 2020
6	50ohm Termination	N/A	N/A	CT-1-065-1	Apr. 28, 2020
7	Measurement Software	EZ-EMC	Ver: EMC-CON 3A1	CT-3-012	No calibration request

Note: 1. The calibration interval of the above test instruments is 12 months.

4.1.3 Test Procedure

a. The table-top EUT was placed 0.8 meter height wooden table from the horizontal ground plane with EUT being connected to power source through a line impedance stabilization network (LISN). The LISN at least be 80 cm from nearest chassis of EUT. The floor-standing EUT and all cables shall be insulated from the ground plane by up to 12 mm of insulating material if required.

b. The line impedance stabilization network (LISN) provides 50 ohm/50uH of coupling impedance for the measuring instrument. All other support equipments powered from additional LISN(s).

c. Interrelating cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle. All I/O cables were positioned to simulate typical usage.

d. All I/O cables that are not connected to a peripheral shall be bundle in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

e. The EMI test receiver connected to LISN powering the EUT. The actual test configuration, please refer to EUT test photos.

f. The receiver scanned from 150kHz to 30MHz for emissions in each of test modes. A scan was taken on both power lines, Line and Neutral, recording at least six highest emissions.

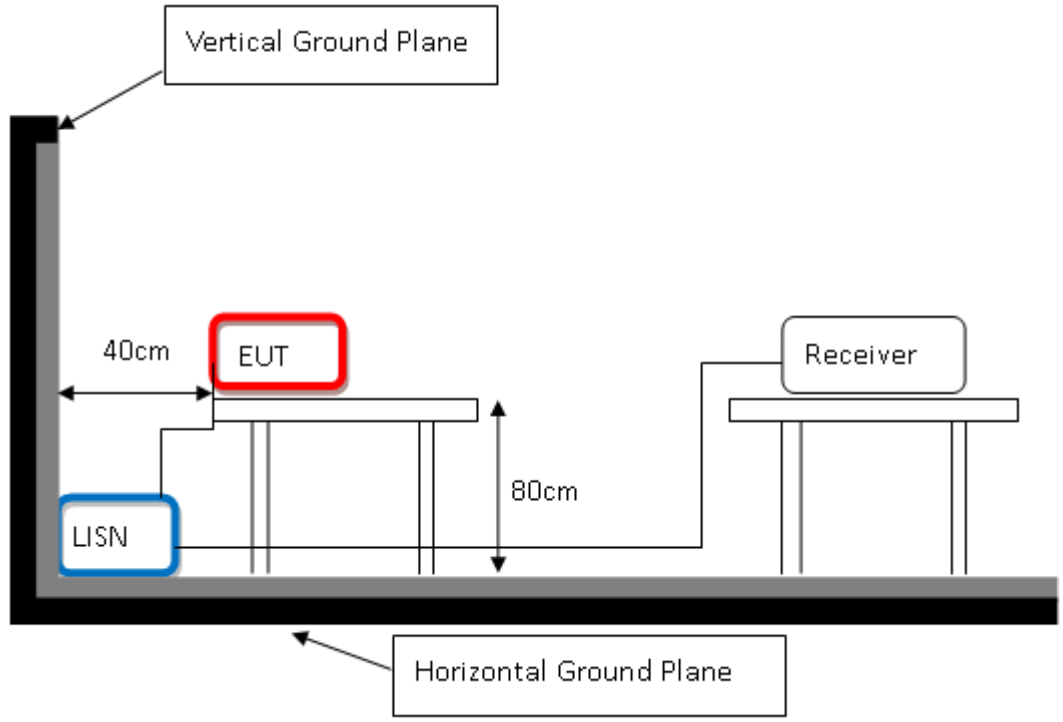
g. The EUT and cable configuration of the above highest emission levels were recorded. The test data of the worst case was recorded.

4.1.4 Deviation from Test Standard

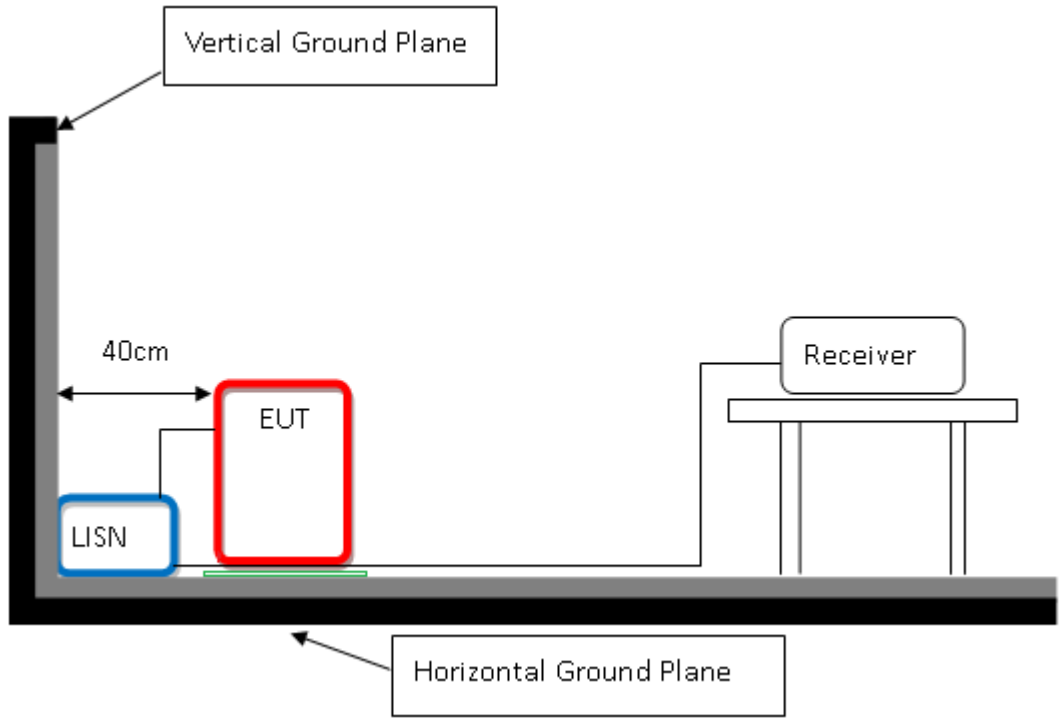
No deviation

4.1.5 Test Setup

< Table-Top equipment >



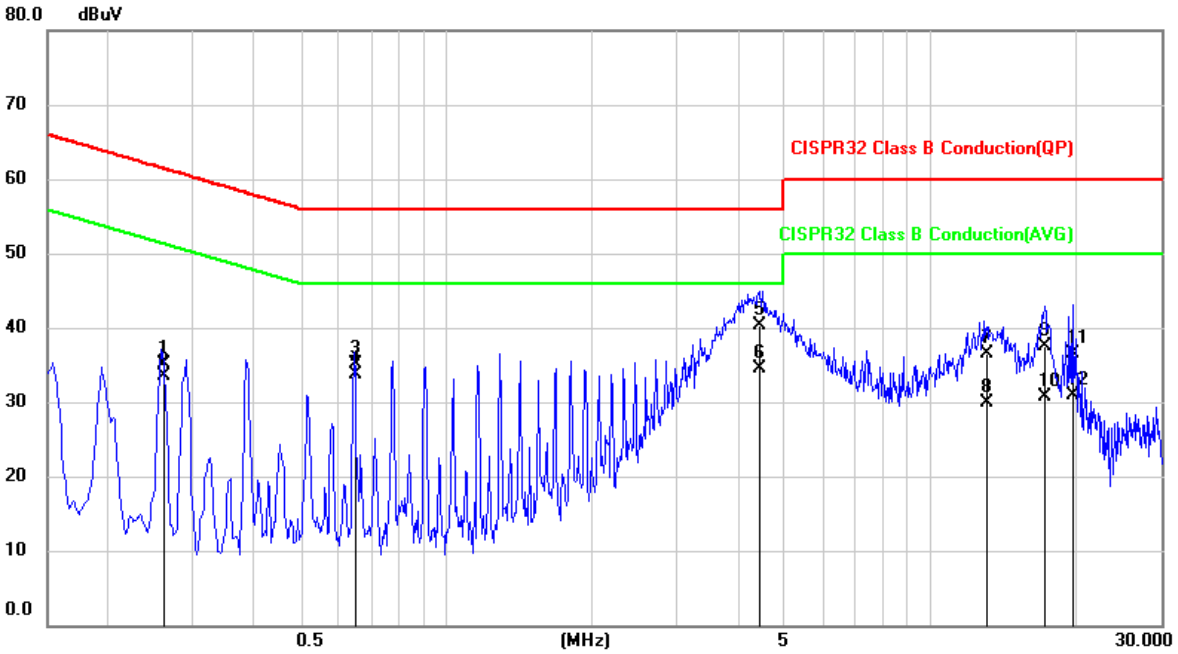
< Floor-Standing equipment >



Note: Please refer to 4.1.7 for the actual test configuration.

4.1.6 Test Result

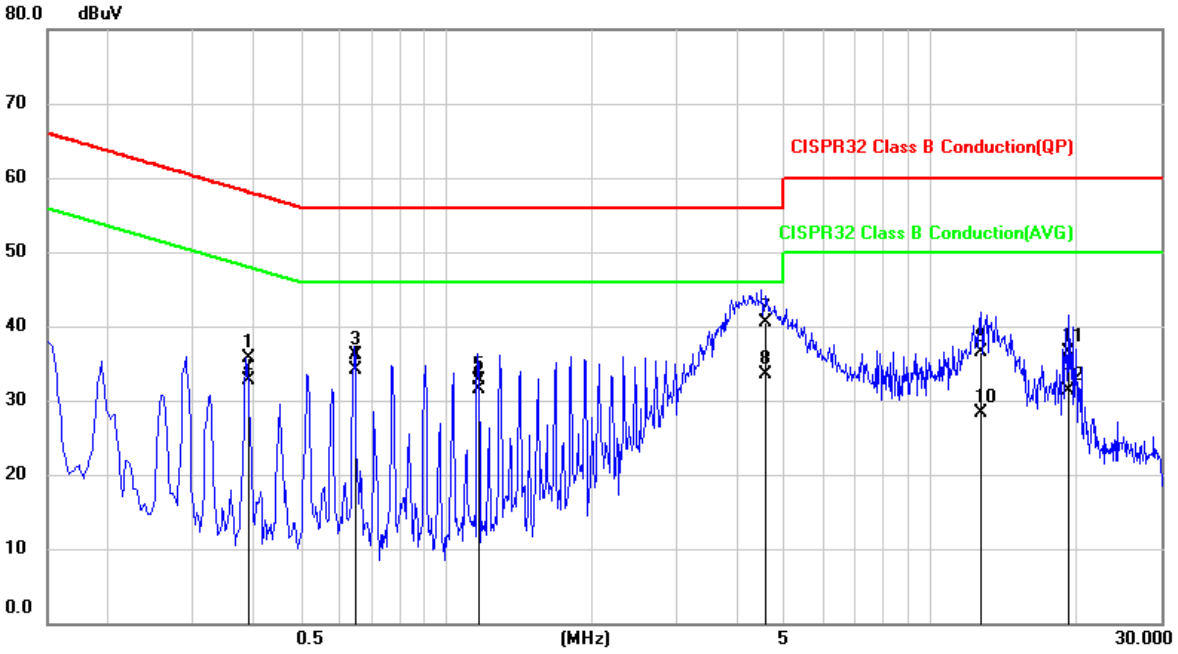
Test Voltage	120Vac, 60Hz	**Frequency Range**	0.15-30 MHz
Environmental Conditions	29°C, 38% RH	**6dB Bandwidth**	9 kHz
Test Date	2020/09/10	**Phase**	L
Tested by	Karwin Kao	**Test Site**	W01



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2617	25.03	9.99	35.02	61.38	-26.36	QP
2	0.2617	23.57	9.99	33.56	51.38	-17.82	AVG
3	0.6512	25.10	10.00	35.10	56.00	-20.90	QP
4	0.6512	23.75	10.00	33.75	46.00	-12.25	AVG
5	4.4289	30.24	10.06	40.30	56.00	-15.70	QP
6	4.4289	24.37	10.06	34.43	46.00	-11.57	AVG
7	13.0261	26.37	10.17	36.54	60.00	-23.46	QP
8	13.0261	19.72	10.17	29.89	50.00	-20.11	AVG
9	17.1880	27.38	10.20	37.58	60.00	-22.42	QP
10	17.1880	20.46	10.20	30.66	50.00	-19.34	AVG
11	19.6649	26.38	10.22	36.60	60.00	-23.40	QP
12	19.6649	20.66	10.22	30.88	50.00	-19.12	AVG

Remark: 1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss + Transient Limiter (If use)
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value –Limit Value

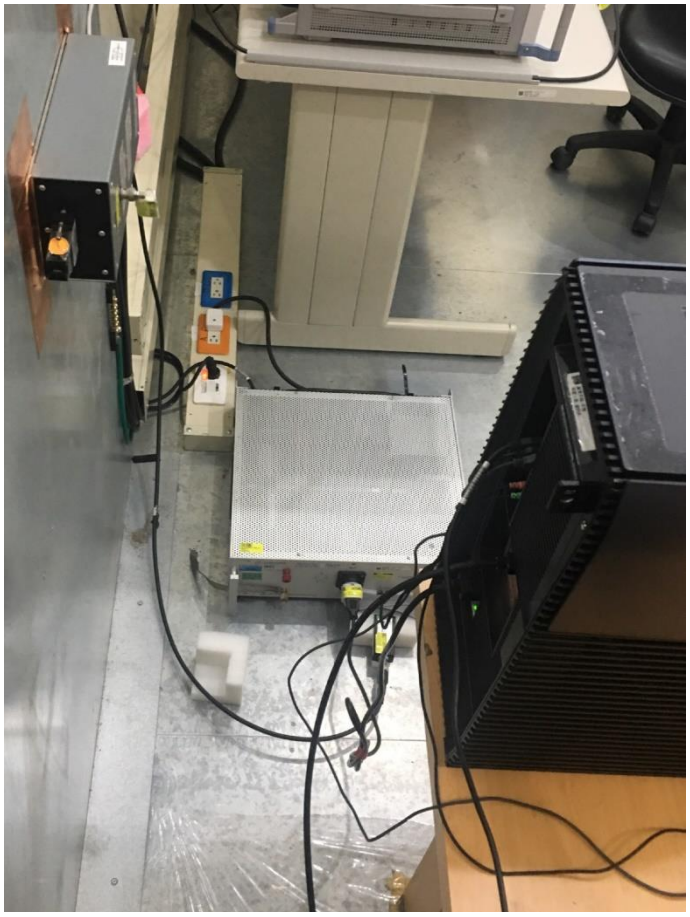
Test Voltage	120Vac, 60Hz	Frequency Range	0.15-30 MHz
Environmental Conditions	29°C, 38% RH	6dB Bandwidth	9 kHz
Test Date	2020/09/10	Phase	N
Tested by	Karwin Kao	Test Site	W01



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3902	25.81	9.99	35.80	58.06	-22.26	QP
2	0.3902	22.76	9.99	32.75	48.06	-15.31	AVG
3	0.6503	26.03	10.00	36.03	56.00	-19.97	QP
4	0.6503	24.03	10.00	34.03	46.00	-11.97	AVG
5	1.1717	22.62	10.01	32.63	56.00	-23.37	QP
6	1.1717	21.54	10.01	31.55	46.00	-14.45	AVG
7	4.5447	30.40	10.06	40.46	56.00	-15.54	QP
8	4.5447	23.36	10.06	33.42	46.00	-12.58	AVG
9	12.7319	26.29	10.17	36.46	60.00	-23.54	QP
10	12.7319	18.15	10.17	28.32	50.00	-21.68	AVG
11	19.3853	26.30	10.22	36.52	60.00	-23.48	QP
12	19.3853	21.15	10.22	31.37	50.00	-18.63	AVG

Remark: 1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss + Transient Limiter (If use)
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value –Limit Value

4.1.7 Photographs of Test Configuration



4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

Radiated Frequency range 30 MHz to 1000 MHz

Radiated Emissions Limits at 10 meters		
Frequencies (MHz)	**FCC 15B/ ICES-003**	
	Class A (dBµV/m)	**Class B (dBµV/m)**
30-88	39.1	29.5
88-216	43.5	33.1
216-230	46.4	35.6
230-960		
960-1000	49.5	43.5

Radiated Emissions Limits at 3 meters		
Frequencies (MHz)	**FCC 15B/ ICES-003**	
	Class A (dBµV/m)	**Class B (dBµV/m)**
30-88	49.5	40
88-216	54	43.5
216-230	56.9	46
230-960		
960-1000	60	54

Note: 1. The lower limit shall apply at the transition frequency.
2. Detector function in the form: PK = Peak, QP = Quasi Peak, AV = Average
3. The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correction Factor = Antenna factor + Cable loss (Antenna to preamplifier) - preamplifier Gain + Cable loss (preamplifier to receiver)
Margin Level = Measurement Value - Limit Value

Radiated Frequency range above 1 GHz

Radiated Emissions Limits at 3meters				
Frequencies (GHz)	FCC 15B/ ICES-003			
	Class A (dBμV/m)		Class B (dBμV/m)	
	Peak	Average	Peak	Average
1 to 40	80	60	74	54

Note: 1. The lower limit shall apply at the transition frequency.
2. Detector function in the form: PK = Peak, QP = Quasi Peak, AV = Average
3. The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correction Factor = Antenna factor + Cable loss (Antenna to preamplifier) - preamplifier Gain + Cable loss (preamplifier to receiver)
Margin Level = Measurement Value - Limit Value

Frequency Range (For unintentional radiators)

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	5th harmonic of the highest frequency or 40GHz, whichever is lower

4.2.2 Test Instrument

Test Site: W08-966					
Item	**Equipment**	**Manufacturer**	**Model**	**Meter No.**	**Calibration Date**
1	Horn Antenna	Schwarzbeck	BBHA 9120D	CT-9-031	Jul. 28, 2020
2	Horn Antenna	Schwarzbeck	BBHA 9170	CT-9-032	Oct. 02, 2019
3	TRILOG Broadband Antenna with 5 dB Attenuator	Schwarzbeck	VULB 9168 & FAT-NM5NF5T3G 2W5	CT-1-002-1	Jul. 29, 2020
4	EXA Signal Analyzer	Keysight	N9010A	CT-1-093	Apr. 21, 2020
5	EMI Test Receiver	Keysight	N9038A	CT-9-007	Jul. 28, 2020
6	Preamplifier	EM	EM 330	CT-9-024	Jul. 30, 2020
7	Preamplifier	JPT	JPA0118-55-303K	CT-1-139	Apr. 21, 2020
8	Preamplifier	EMCI	EMC051845SE	CT-9-012	Sep. 25, 2019
9	Preamplifier	EMCI	EMC184045SE	CT-9-013	Sep. 25, 2019
10	Test Cable	EMCI	EMCCFD400-NM-NM-1000	CT-1-132	Jul. 29, 2020
11	Test Cable	PEWC	CFD400NL-LW-NM-NM-3000	CT-1-141	Jul. 30, 2020
12	Test Cable	EMCI	EMCCFD400-NM-NM-15000	CT-1-133	Jul. 30, 2020
13	Test Cable	EMCI	EMC104-SM-35M-600	CT-1-134	Jul. 30, 2020
14	Test Cable	EMCI	EMC104-SM-35M-15000	CT-1-135	Jul. 30, 2020
15	Test Cable	EMCI	EMC102-KM-KM-600	CT-1-136	Jul. 30, 2020
16	Test Cable	MVE	140140.LL404.700	CT-9-066	Apr. 21, 2020
17	Measurement Software	EZ-EMC	Ver : FA-03A2 RE	CT-3-012	No calibration request

Note: 1. The calibration interval of the above test instruments is 12 months.

4.2.3 Test Procedure

a. The table-top EUT was placed on the top of a turntable 0.8 meters above the ground at 3 m 966 chamber. The floor-standing EUT and all cables shall be insulated from the ground plane by up to 12 mm of insulating material if required. The table was rotated 360 degrees to determine the position of the high radiation emissions.

b. The height of the test antenna shall vary between 1 m to 4 m. Both vertical and horizontal polarizations of the antenna were set to make the measurement.

c. The EUT was set up as per the test configuration to simulate typical usage per the user's manual. All I/O cables were positioned to simulate typical usage. The actual test configuration, please refer to EUT test photos.

d. The initial step in collecting radiated emission data is a Spectrum Mode scanning the measurement frequency range.

Below 1GHz:

Reading in which marked as QP or Peak means measurements by using Spectrum Mode with detector RBW=120kHz.

If the Spectrum Mode measured peak value compliance with and lower than Quasi Peak Limit, the EUT shall be deemed to meet QP Limits.

Above 1GHz:

Reading in which marked as Peak & AVG means measurements by using Spectrum Mode with setting in RBW=1MHz.

If the Spectrum Mode measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak and AVG Limits.

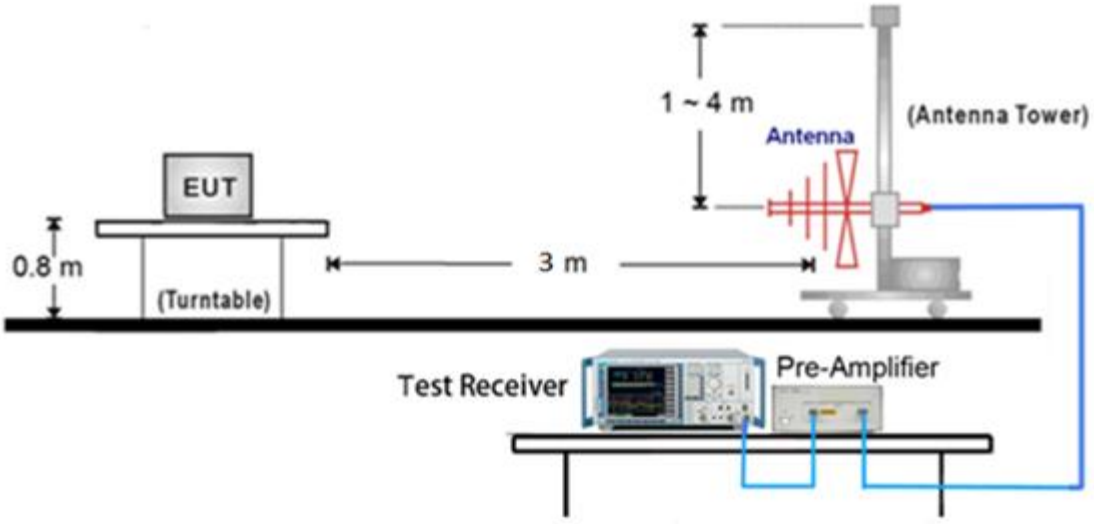
e. Emission frequency and amplitude were recorded, recording at least six highest emissions. The EUT and cable configuration of the above highest emission levels were recorded. The test data of the worst case was recorded.

4.2.4 Deviation from Test Standard

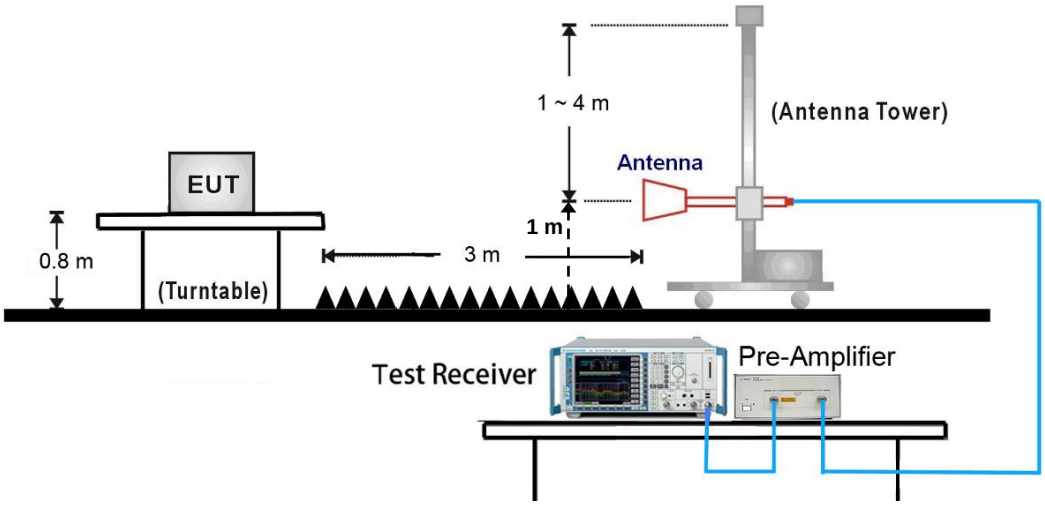
No deviation

4.2.5 Test Setup

< Radiated Emissions Frequency: 30 MHz to 1000 MHz >



< Radiated Emissions Frequency: above 1GHz >

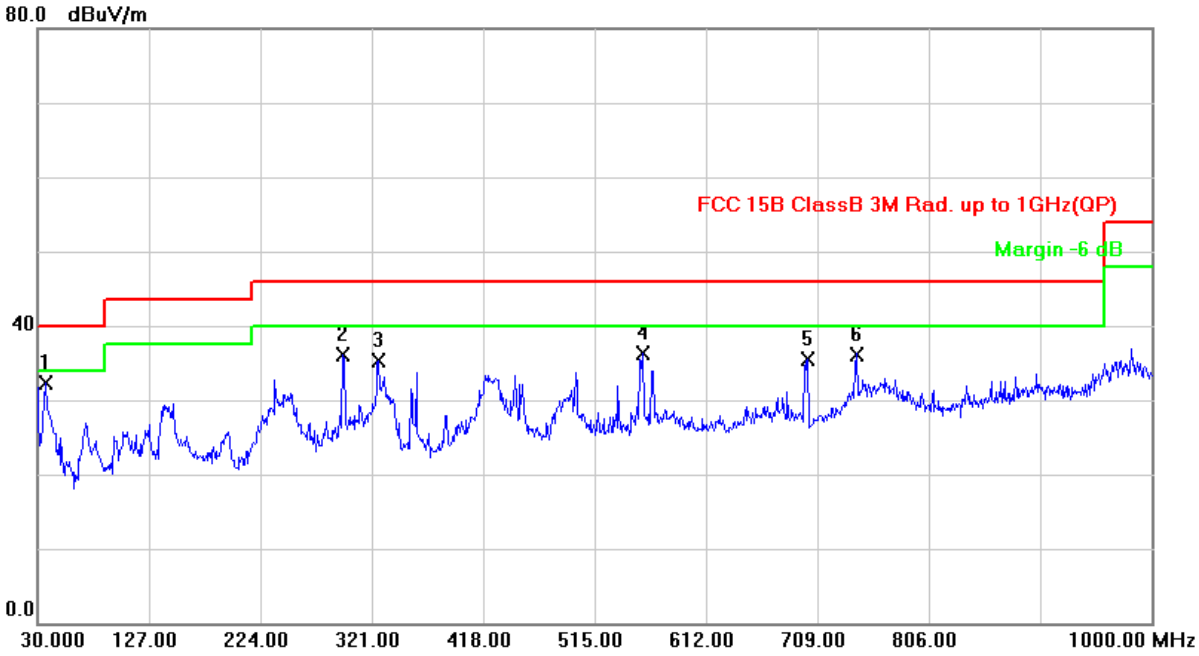


Note:

(1) Please refer to the 4.2.7 for the actual test configuration.
(2) The formula of measured value as: Test Result = Reading + Correction Factor
(3) Detector function in the form: PK = Peak, QP = Quasi Peak, AV = Average
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain (if use)
Margin Level = Measurement Value - Limit Value

4.2.6 Test Result

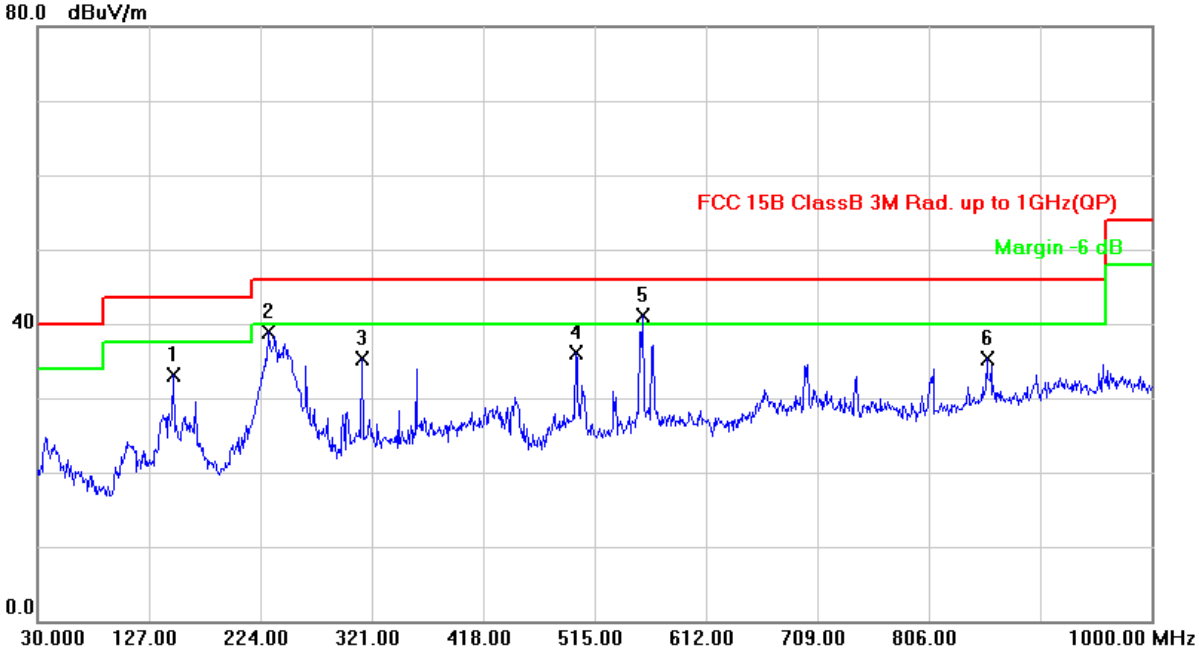
Test Voltage	120Vac, 60Hz	**Frequency Range**	30 – 1000 MHz
Environmental Conditions	24℃, 41% RH	**6dB Bandwidth**	120 kHz
Test Date	2020/09/10	**Test Distance**	3m
Tested by	Karwin Kao	**Polarization**	Vertical
Test Site	W08		



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Height (cm)	Table Degree (degree)
1	36.7899	42.09	-9.75	32.34	40.00	-7.66	peak	100	3
2	295.7799	44.09	-7.98	36.11	46.00	-9.89	peak	200	78
3	326.8199	42.87	-7.57	35.30	46.00	-10.70	peak	100	176
4	556.7100	39.07	-2.79	36.28	46.00	-9.72	peak	100	268
5	700.2698	35.85	-0.33	35.52	46.00	-10.48	peak	200	356
6	742.9500	35.72	0.48	36.20	46.00	-9.80	peak	100	91

Remark: 1. QP = Quasi Peak
2. Correction Factor = Antenna factor + Cable loss (Antenna to preamplifier) - preamplifier Gain + Cable loss (preamplifier to receiver)
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value - Limit Value

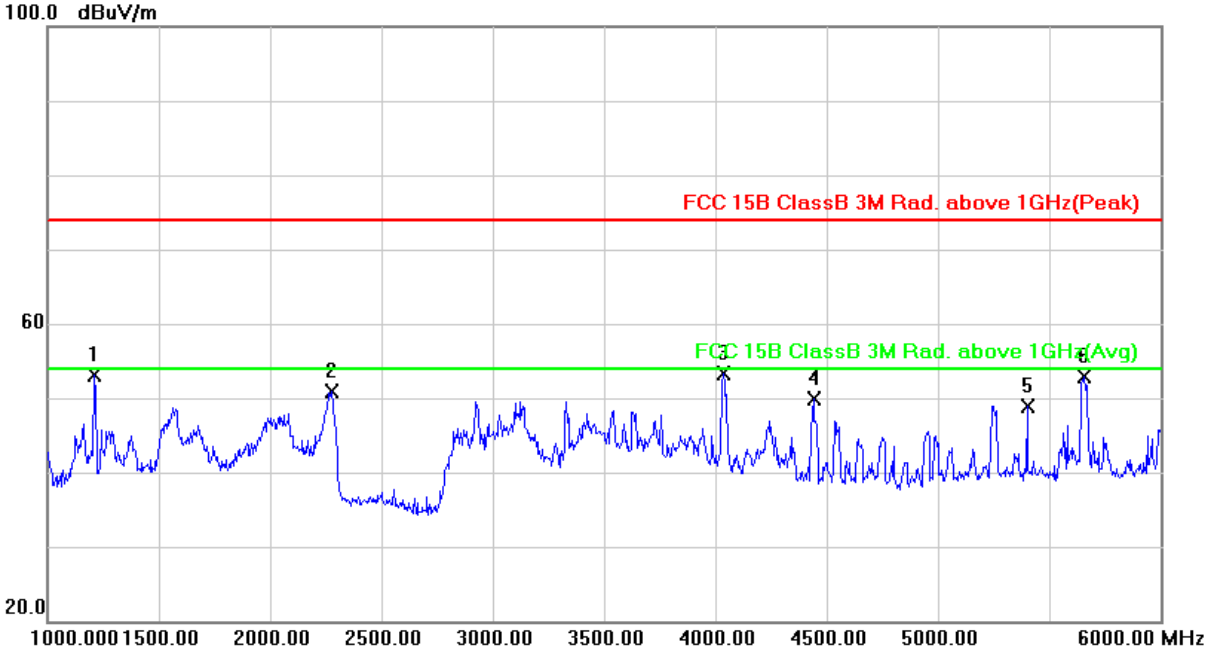
Test Voltage	120Vac, 60Hz	**Frequency Range**	30 – 1000 MHz
Environmental Conditions	24℃, 41% RH	**6dB Bandwidth**	120 kHz
Test Date	2020/09/10	**Test Distance**	3m
Tested by	Karwin Kao	**Polarization**	Horizontal
Test Site	W08		



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Height (cm)	Table Degree (degree)
1	148.3400	42.35	-9.21	33.14	43.50	-10.36	peak	198	360
2	230.7900	48.16	-9.19	38.97	46.00	-7.03	peak	100	243
3	312.2700	43.27	-7.90	35.37	46.00	-10.63	peak	100	293
4	498.5100	40.08	-4.04	36.04	46.00	-9.96	peak	200	193
5	556.7100	43.88	-2.79	41.09	46.00	-4.91	peak	100	177
6	856.4400	32.89	2.45	35.34	46.00	-10.66	peak	200	142

Remark: 1. QP = Quasi Peak
2. Correction Factor = Antenna factor + Cable loss (Antenna to preamplifier) - preamplifier Gain + Cable loss (preamplifier to receiver)
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value - Limit Value

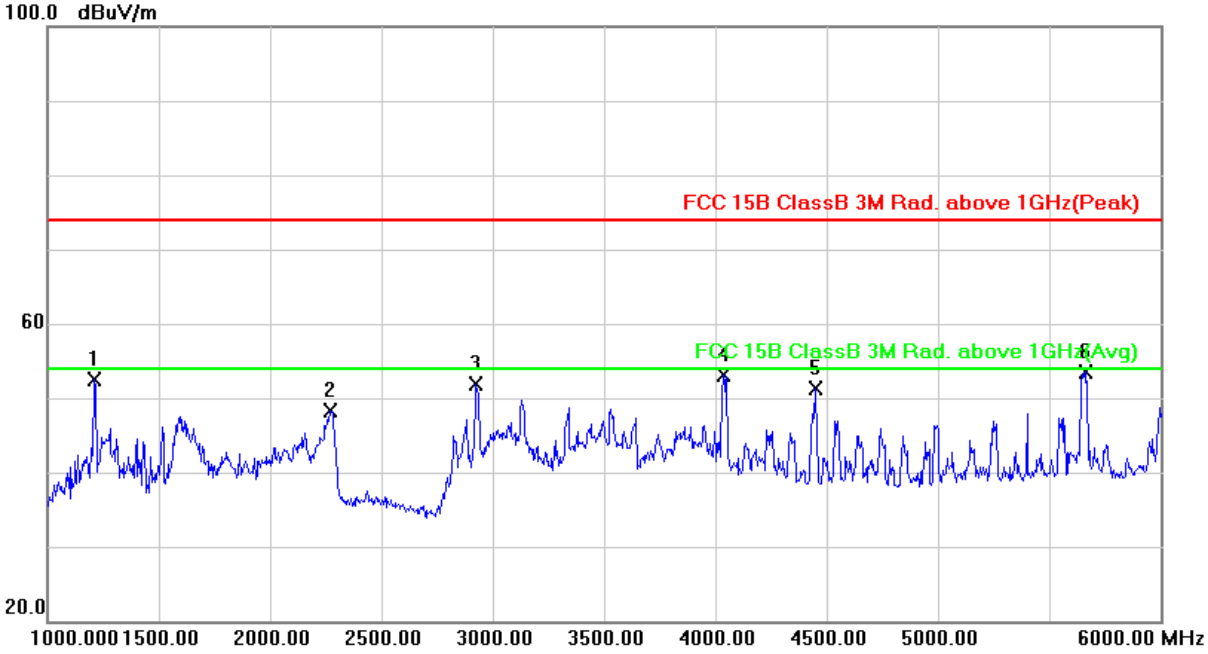
Test Voltage	120Vac, 60Hz	**Frequency Range**	1 – 6GHz
Environmental Conditions	24℃, 41% RH	**6dB Bandwidth**	1MHz
Test Date	2020/09/10	**Test Distance**	3m
Tested by	Karwin Kao	**Polarization**	Vertical
Test Site	W08		



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Height (cm)	Table Degree (degree)
1	1210.000	83.45	-30.31	53.14	74.00	-20.86	peak	200	166
2	2275.000	76.13	-25.13	51.00	74.00	-23.00	peak	100	196
3	4035.000	74.62	-21.36	53.26	74.00	-20.74	peak	100	343
4	4440.000	69.69	-19.76	49.93	74.00	-24.07	peak	118	0
5	5400.000	67.75	-18.75	49.00	74.00	-25.00	peak	200	184
6	5655.000	71.56	-18.66	52.90	74.00	-21.10	peak	200	192

Remark: 1. peak = Peak, AVG = Average
2. Correction Factor = Antenna factor + Cable loss (Antenna to preamplifier) - preamplifier Gain + Cable loss (preamplifier to receiver)
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value - Limit Value

Test Voltage	120Vac, 60Hz	**Frequency Range**	1 – 6GHz
Environmental Conditions	24℃, 41% RH	**6dB Bandwidth**	1MHz
Test Date	2020/09/10	**Test Distance**	3m
Tested by	Karwin Kao	**Polarization**	Horizontal
Test Site	W08		



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna Height (cm)	Table Degree (degree)
1	1210.000	82.80	-30.31	52.49	74.00	-21.51	peak	200	211
2	2270.000	73.45	-25.24	48.21	74.00	-25.79	peak	200	118
3	2925.000	76.70	-24.81	51.89	74.00	-22.11	peak	100	299
4	4035.000	74.41	-21.36	53.05	74.00	-20.95	peak	200	161
5	4450.000	71.06	-19.70	51.36	74.00	-22.64	peak	100	332
6	5665.000	72.19	-18.60	53.59	74.00	-20.41	peak	200	182

Remark: 1. peak = Peak, AVG = Average
2. Correction Factor = Antenna factor + Cable loss (Antenna to preamplifier) - preamplifier Gain + Cable loss (preamplifier to receiver)
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value - Limit Value

4.2.7 Photographs of Test Configuration

Radiated Emission Test (30MHz~1GHz)

Radiated Emission Test (Above 1GHz)

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