



FCC Test Report

Product Name : Connection Box
Model No. : Connection Box PandarXT

Applicant : Hesai Technology Co., Ltd.
Address : No.2 Building, No.468 Xinlai Road, Jiading District,
Shanghai, China

Date of Receipt : Nov. 26, 2020
Test Date : Nov. 26, 2020-Dec. 24, 2020
Issued Date : Dec. 24, 2020
Report No. : 20B0928R-IT-US-P01V03
Report Version : V3.0

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 of the equipment and evaluated measurement uncertainty herein.

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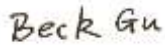
Issued Date : Dec.24,2020

Report No. : 20B0928R-IT-US-P01V03

Product Name : Connection Box
Applicant : Hesai Technology Co., Ltd.
Address : No.2 Building, No.468 Xinlai Road, Jiading District, Shanghai,
China
Manufacturer : Hesai Technology Co., Ltd.
Address : No.2 Building, No.468 Xinlai Road, Jiading District, Shanghai,
China
Model No. : Connection Box PandarXT
Brand Name : HESAI 

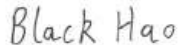
FCC ID : 2ASO2CBPANDARXT
EUT Voltage : AC 100-240V, 50/60Hz
Test Voltage : AC 120V,60Hz
Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2020 Class A
ANSI C63.4: 2014
Test Result : Complied
Performed Location : DEKRA Testing and Certification (Suzhou) Co., Ltd.
No.99 Hongye Rd., Suzhou Industrial Park, Suzhou,215006,
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Reviewed By :



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TABLE OF CONTENTS

Description	Page
1. General Information	4
1.1. EUT Description	4
1.2. Mode of Operation	4
1.3. Tested System Details	5
1.4. Configuration of Tested System	6
1.5. EUT Exercise Software	7
2. Technical Test	8
2.1. Summary of Test Result	8
2.2. List of Test Equipment	9
2.3. Test Environment	10
2.4. Measurement Uncertainty	11
3. Conducted disturbance	12
3.1. Test Specification	12
3.2. Test Setup	12
3.3. Limit	13
3.4. Test Procedure	13
3.5. Deviation from Test Standard	13
3.6. Test Result	14
3.7. Test Photograph	16
4. Radiated disturbance	17
4.1. Test Specification	17
4.2. Test Setup	17
4.3. Limit	18
4.4. Test Procedure	19
4.5. Deviation from Test Standard	21
4.6. Test Result	22
4.7. Test Photograph	26
5. Attachment	28
EUT Photograph	28

1. General Information

1.1. EUT Description

Product Name	Connection Box
Model No.	Connection Box PandarXT
Brand Name	HESAI  HESAI

The EUT information is from customer declaration.

1.2. Mode of Operation

We have 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:

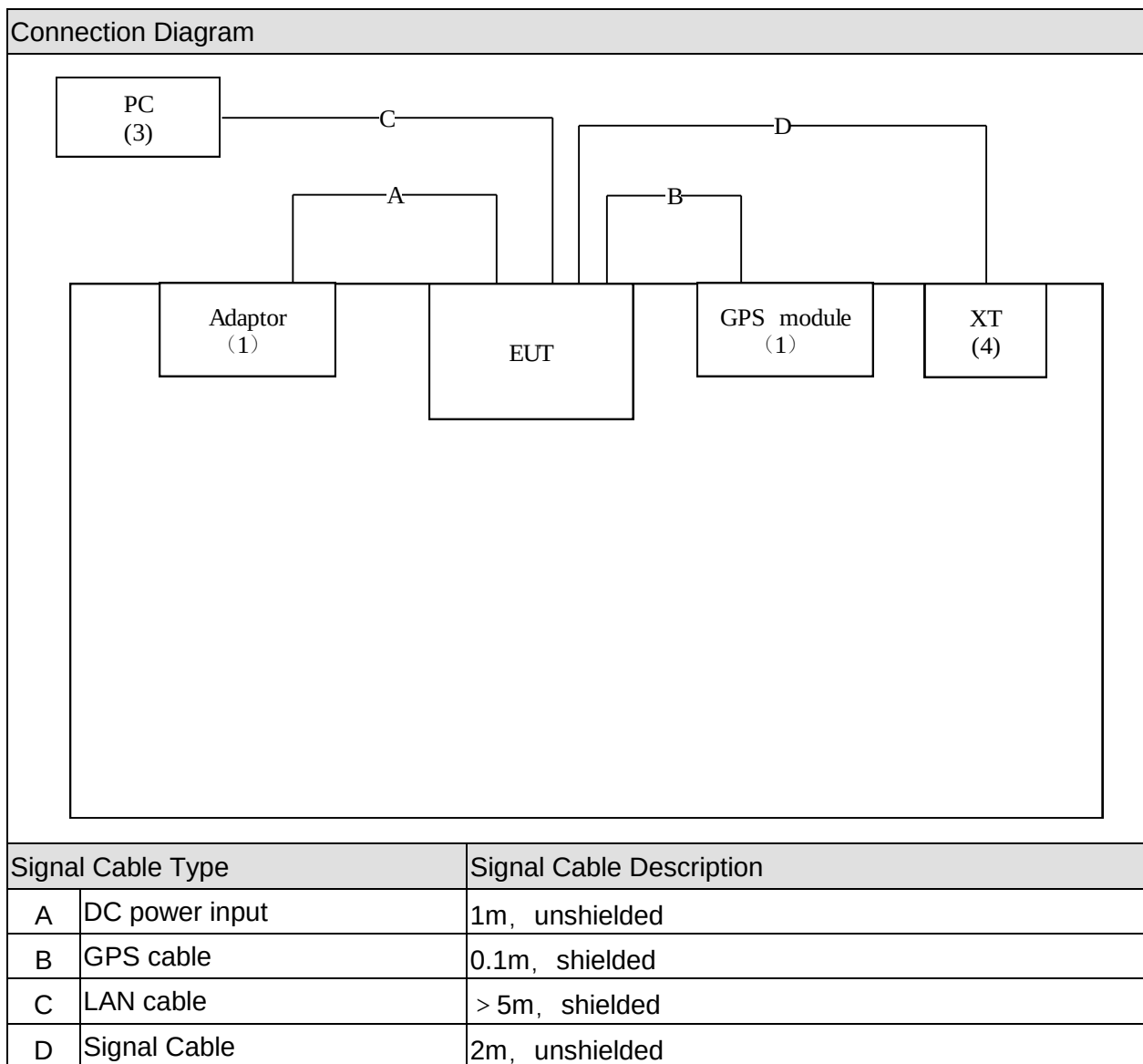
Pre Test Mode
Mode 1: Normal working
Final Test Mode
Mode 1: Normal working

1.3. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Adaptor	HESAI	N/A	N/A	N/A
2	GPS module	HESAI	N/A	N/A	Powered by EUT
3	PC	Lenovo	E470	N/A	Powered by adaptor
4	XT	HESAI	N/A	N/A	Powered by EUT

1.4. Configuration of Tested System



The network port is for monitoring only.

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	Turn on the EUT.
4	Start test.

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 Test Item	Normative References	Test Performed	Deviation
Conducted disturbance	FCC CFR Title 47 Part 15 Subpart B: 2020 Class A ANSI C63.4: 2014	Yes	No
Radiated disturbance	FCC CFR Title 47 Part 15 Subpart B: 2020 Class A ANSI C63.4: 2014	Yes	No

2.2. List of Test Equipment

Conducted Emission / TR1

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date
EMI Test Receiver	R&S	ESCI	100906	2020.03.04	2021.03.04
Two-Line V-Network	R&S	ENV216	101190	2020.06.09	2021.06.09
Two-Line V-Network	R&S	ENV216	101044	2020.06.09	2021.06.09
Current Probe	R&S	EZ-17	100678	2020.03.07	2021.03.07
50ohm Termination	SHX	TF2	07081402	2020.09.08	2021.09.08
50ohm Termination	SHX	TF2	07081403	2020.09.08	2021.09.08
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	N/A	N/A
Coaxial Cable	Suhner	RG 223	TR1-C1	2020.04.26	2021.04.26
Temperature/Humidity Meter	Ruitesi	RTS-8S	TR1-TH	2020.10.24	2021.10.24
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A

Radiated Emission / AC1

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date
EMI Test Receiver	R&S	ESCI	100175	2020.09.08	2021.09.08
EMI Test Receiver	R&S	ESCI	100726	2020.03.18	2021.03.18
Preamplifier	Quietek	AP-025C	CHM-0602008	2020.04.10	2021.04.10
Preamplifier	Quietek	AP-025C	CHM-0503006	2020.04.10	2021.04.10
Bilog Antenna	Schaffner	CBL6112B	2931	2020.05.18	2021.05.18
Bilog Antenna	Schaffner	CBL6112B	2933	2020.05.18	2021.05.18
Coaxial Cable	Huber+Suhner	RG 214 U	AC1-L	2020.10.10	2021.10.10
Coaxial Cable	Huber+Suhner	RG 214 U	AC1-R	2020.10.10	2021.10.10
Temperature/Humidity Meter	Ruitesi	RTS-8S	AC1-TH	2020.10.24	2021.10.24
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A

Radiated Emission / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date
EMI Test Receiver	R&S	ESCI	100573	2020.03.04	2021.03.04
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2020.06.09	2021.06.09
Coaxial Cable	Huber+Suhner	RG 214	AC2-C	2020.02.28	2021.02.28
Temperature/Humidity Meter	Ruitesi	RTS-8S	AC2-TH	2020.10.24	2021.10.24
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A

Radiated Emission / AC3

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date
EMI Test Receiver	R&S	ESCI	100176	2020.09.08	2021.09.08
Bilog Antenna	Teseq GmbH	CBL6112D	27613	2020.06.09	2021.06.09
Coaxial Cable	Huber+Suhner	RG 214	AC3-C	2020.02.28	2021.02.28
Temperature/Humidity Meter	Ruitesi	RTS-8S	AC3-TH	2020.10.24	2021.10.24
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A

Radiated Emission / AC5

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date
EMI Receiver	Agilent	N9038A	MY51210196	2020.06.09	2021.06.09
low Noise Amplifier	BXT	NA2651D	LNA17040209	2020.07.16	2021.07.16

DRG Horn Antenna	ETS-Lindgren	3117	00167055	2020.06.09	2021.06.09
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2020.02.28	2021.02.28
Pre-Amplifier	Chengyi	EMC184045SE	980263	2020.09.08	2021.09.08
Coaxial Cable	ROSENBERG ER	LA1-C011-2000/ 3000	AC5-40G	2020.02.28	2021.02.28
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2020.02.23	2021.02.23
Temperature/Humidity Meter	Ruitesi	RTS-8S	AC5-TH	2020.10.24	2021.10.24
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A

2.3. Test Environment

Tests have been performed in a controlled laboratory environment, where the environmental conditions are maintained within the applicable ranges.

Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	10-40	23
	Humidity (%RH)	25-75	40
	Barometric pressure (mbar)	860-1060	1016
Radiated Emission (30~1000MHz)	Temperature (°C)	10-40	24
	Humidity (%RH)	25-75	41
	Barometric pressure (mbar)	860-1060	1014
Radiated Emission (1~40GHz)	Temperature (°C)	10-40	24
	Humidity (%RH)	25-75	41
	Barometric pressure (mbar)	860-1060	1014

2.4. Measurement Uncertainty

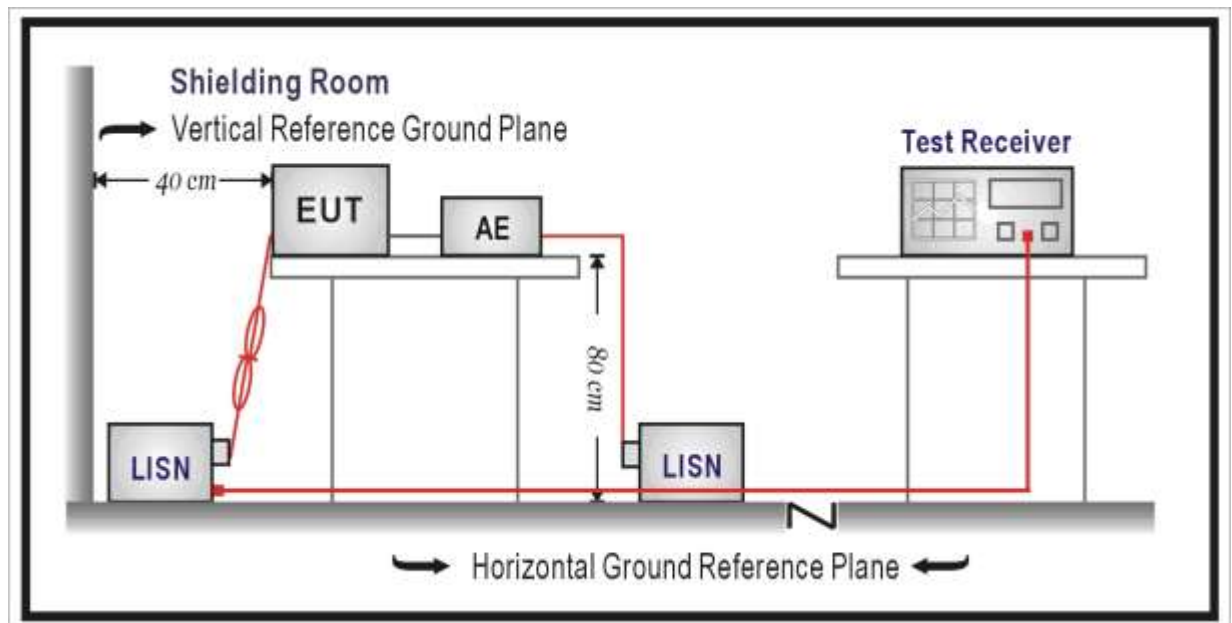
Conducted Emission / TR1
The maximum measurement uncertainty is evaluated as: 9kHz~150kHz: 2.46dB 150kHz~30MHz: 2.46dB
Radiated Emission / AC1
The maximum measurement uncertainty is evaluated as: Horizontal: 30MHz~200MHz: 5.28 dB 200MHz~1GHz: 4.24 dB Vertical: 30MHz~200MHz: 5.28 dB 200MHz~1GHz: 4.58 dB
Radiated Emission / AC2
The maximum measurement uncertainty is evaluated as: Horizontal: 30MHz~200MHz: 5.34 dB 200MHz~1GHz: 5.32 dB Vertical: 30MHz~200MHz: 5.32 dB 200MHz~1GHz: 4.88 dB
Radiated Emission / AC3
The maximum measurement uncertainty is evaluated as: Horizontal: 30MHz~200MHz: 4.60 dB 200MHz~1GHz: 4.10 dB Vertical: 30MHz~200MHz: 4.80 dB 200MHz~1GHz: 4.10 dB
Radiated Emission / AC5
The maximum measurement uncertainty is evaluated as: Horizontal: 1GHz~18GHz: 5.00 dB Vertical: 1GHz~18GHz: 4.80 dB

3. Conducted disturbance

3.1. Test Specification

According to Standard: FCC Part 15.107 Class A, ANSI C63.4

3.2. Test Setup



3.3. Limit

Limits for conducted disturbance of class A ITE		
Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0.15 to 0.50	79	66
0.50 to 30	73	60
NOTE: The lower limit shall apply at the transition frequency.		

Limits for conducted disturbance of class B ITE		
Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
NOTE 1: The lower limit shall apply at the transition frequencies.		
NOTE 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.		

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 50Ω / 50μH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50Ω / 50μH coupling impedance with 50Ω termination. (Please refer 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.

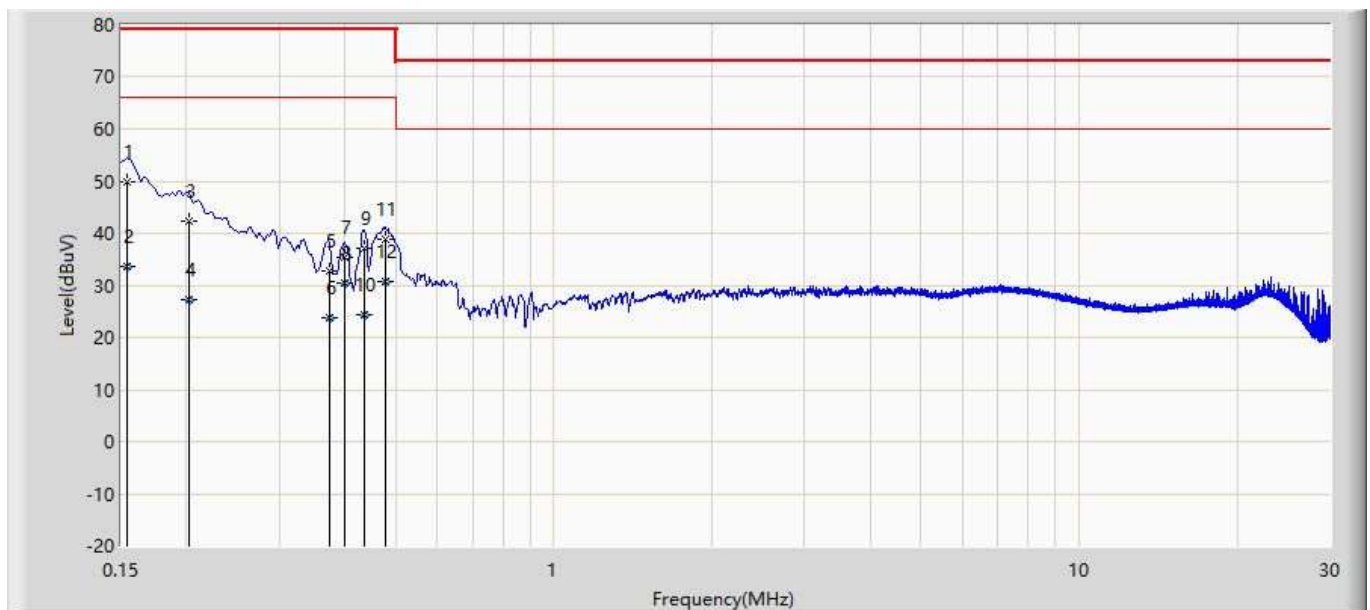
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Deviation from Test Standard

No deviation.

3.6. Test Result

Engineer: Lynee	
Site: TR1	Time: 2020/12/15
Limit: FCC_Part15.107_CE_AC Power_ClassA	Margin: 0
Probe: ENV216_101044_(0.009-30MHz)	Polarity: Line
EUT: Connection Box	Power: AC 120V/60Hz
Note: Mode 1	

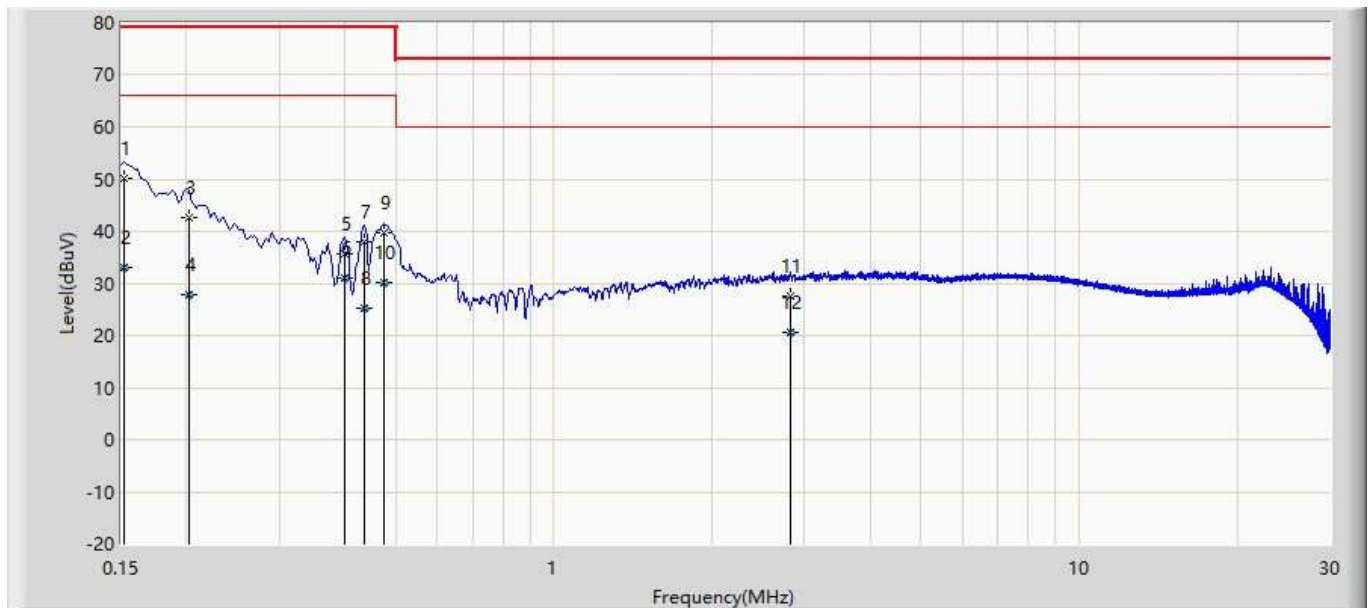


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1	*	0.154	49.951	40.286	-29.049	79.000	9.640	0.025	0.000	QP
2		0.154	33.529	23.864	-32.471	66.000	9.640	0.025	0.000	AV
3		0.202	42.349	32.670	-36.651	79.000	9.650	0.029	0.000	QP
4		0.202	27.349	17.671	-38.651	66.000	9.650	0.029	0.000	AV
5		0.373	32.857	23.146	-46.143	79.000	9.674	0.037	0.000	QP
6		0.373	23.885	14.174	-42.115	66.000	9.674	0.037	0.000	AV
7		0.400	35.288	25.572	-43.712	79.000	9.677	0.039	0.000	QP
8		0.400	30.412	20.696	-35.588	66.000	9.677	0.039	0.000	AV
9		0.436	37.238	27.517	-41.762	79.000	9.682	0.039	0.000	QP
10		0.436	24.457	14.736	-41.543	66.000	9.682	0.039	0.000	AV
11		0.478	38.884	29.158	-40.116	79.000	9.688	0.039	0.000	QP
12		0.478	30.679	20.953	-35.321	66.000	9.688	0.039	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lynee	
Site: TR1	Time: 2020/12/15
Limit: FCC_Part15.107_CE_AC Power_ClassA	Margin: 0
Probe: ENV216_101044_(0.009-30MHz)	Polarity: Neutral
EUT: Connection Box	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1	*	0.152	50.061	40.402	-28.939	79.000	9.634	0.025	0.000	QP
2		0.152	32.930	23.271	-33.070	66.000	9.634	0.025	0.000	AV
3		0.202	42.605	32.903	-36.395	79.000	9.674	0.029	0.000	QP
4		0.202	27.720	18.017	-38.280	66.000	9.674	0.029	0.000	AV
5		0.400	35.699	25.976	-43.301	79.000	9.684	0.039	0.000	QP
6		0.400	30.873	21.151	-35.127	66.000	9.684	0.039	0.000	AV
7		0.436	37.875	28.151	-41.125	79.000	9.685	0.039	0.000	QP
8		0.436	25.219	15.494	-40.781	66.000	9.685	0.039	0.000	AV
9		0.474	39.633	29.909	-39.367	79.000	9.686	0.039	0.000	QP
10		0.474	30.102	20.378	-35.898	66.000	9.686	0.039	0.000	AV
11		2.818	27.570	17.736	-45.430	73.000	9.728	0.106	0.000	QP
12		2.818	20.628	10.794	-39.372	60.000	9.728	0.106	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

3.7. Test Photograph

Test Mode: Mode 1

Description: Front View of Conducted disturbance Test Setup



Test Mode: Mode 1

Description: Side View of Conducted disturbance Test Setup



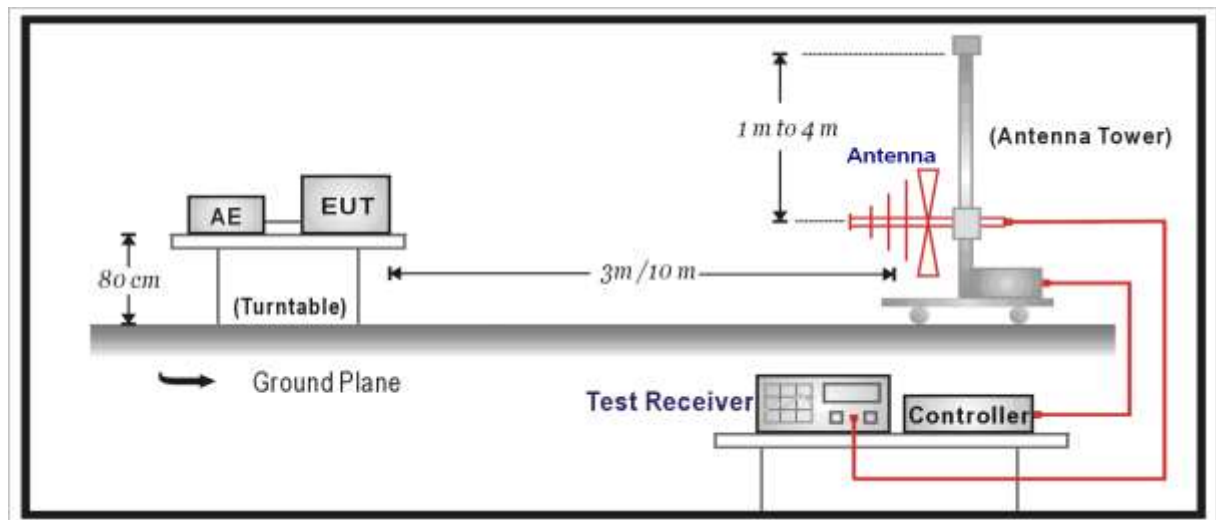
4. Radiated disturbance

4.1. Test Specification

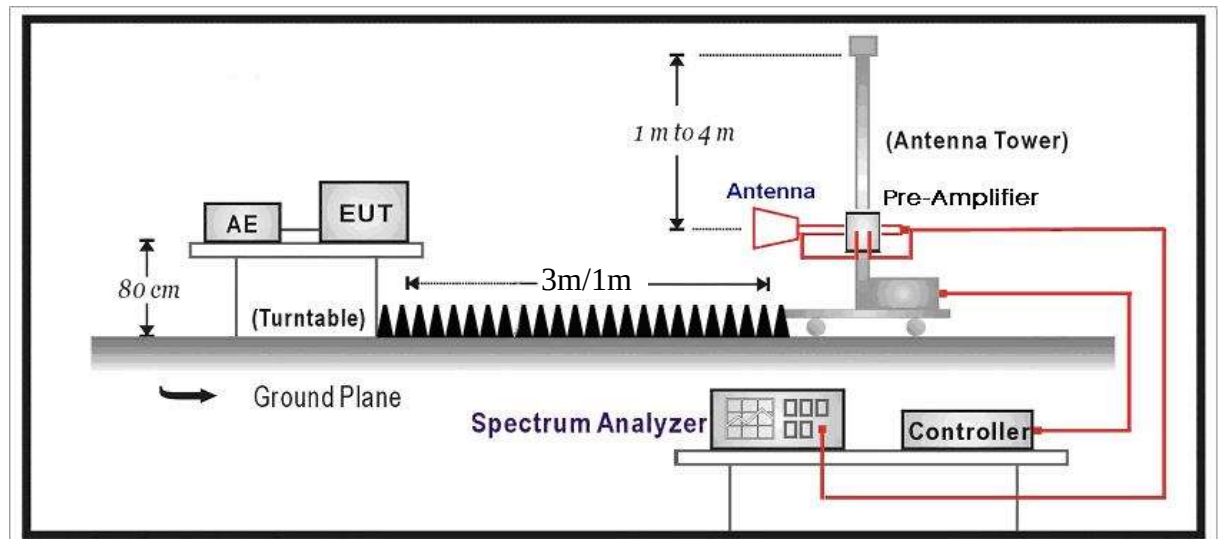
According to Standard: FCC Part 15.109 Class A, ANSI C63.4

4.2. Test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



4.3. Limit

Limits for Radiated disturbance of class A ITE at a measuring distance of 10m	
Frequency of Emission (MHz)	Field Strength dB(μV/m)
30 to 88	39
88 to 216	43.5
216 to 960	46.4
Above 960	49.5
NOTE: The lower limit shall apply at the transition frequency.	

Limits for Radiated disturbance of class A ITE at a measuring distance of 3m	
Frequency of Emission (MHz)	Field Strength dB(μV/m)
1000 to 18000	60
NOTE: The lower limit shall apply at the transition frequency.	

Limits for Radiated disturbance of class A ITE at a measuring distance of 1m	
Frequency of Emission (MHz)	Field Strength dB(μV/m)
18000 to 40000	69.5
NOTE: The lower limit shall apply at the transition frequency.	

Limits for Radiated disturbance of class B ITE at a measuring distance of 3m	
Frequency of Emission (MHz)	Field Strength dB(μV/m)
30 to 88	40
88 to 216	43.5
216 to 960	46
960 to 18000	54
NOTE: The lower limit shall apply at the transition frequency.	

Limits for Radiated disturbance of class B ITE at a measuring distance of 1m	
Frequency of Emission (MHz)	Field Strength dB(μV/m)
18000-40000	63.5
NOTE: The lower limit shall apply at the transition frequency.	

4.4. Test Procedure

The EUT and its simulators are placed on a turntable which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. The antenna 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 changed during radiated measurement.

The bandwidth below 1GHz setting on the receiver is 120kHz and above 1GHz is 1MHz.

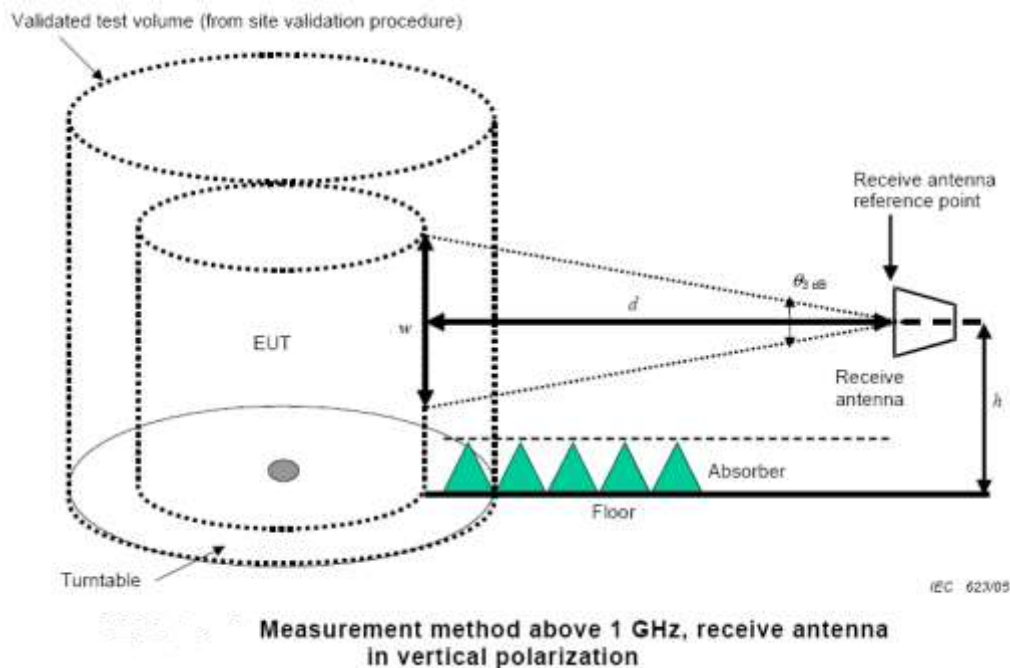
For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

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 to 108	1000
108 to 500	2000
500 to 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

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

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

The radiated field measurement method above 1 GHz is based on measurement of the maximum electric field emitted from the EUT as shown below



- **Definitions referring to Figure**

Validated test volume: The volume validated during the site validation procedure (see 8.3.3 of CISPR 16-1-4). Typically, this is the largest diameter EUT that can be used in the test facility.

EUT: The smallest diameter cylinder that will fully encompass all portions of the actual EUT, including cable racks and a minimum length of 30 cm of cables. The EUT that is located within this cylinder must be capable of rotating about its centre (typically by a remotely controlled turntable). The EUT must be located within the validated test volume. A maximum of 30 cm of ω (see definition of ω below) may be below the height of absorbers on the floor only when the EUT is floor standing and cannot be raised above the height of the absorbers.

$\theta_{3\text{ dB}}$: The minimum 3 dB beamwidth of the receive antenna at each frequency of interest. $\theta_{3\text{ dB}}$ is the minimum of both the E-plane and H-plane values at each frequency. $\theta_{3\text{ dB}}$ may be obtained from manufacturer provided data for the receive antenna.

d: The measurement distance (in meters). This is measured as the horizontal distance between the periphery of the EUT and the reference point of the receive antenna.

ω : The dimension of the line tangent to the EUT formed by $\theta_{3\text{ dB}}$ at the measurement distance d. Equation (10) shall be used to calculate ω for each actual antenna and measurement distance used. The values of ω shall be included in the test report. This calculation may be based on the manufacturer-provided receive-antenna beamwidth specifications:

$$\omega = 2 \times d \times \tan(0,5 \times \theta_{3\text{ dB}})$$

DRG Horn Antenna (M/N: 3117) test dimension of ω

Frequency GHz	θ 3 dB (min) °	ω_m
1	90	6.00
2	60	3.46
3	75	4.60
4	60	3.46
5	60	3.46
6	50	2.80
7	45	2.49
8	40	2.18
9	35	1.89
10	30	1.61
11	35	1.89
12	40	2.18
13	35	1.89
14	35	1.89
15	35	1.89
16	35	1.89
17	30	1.61
18	20	1.06

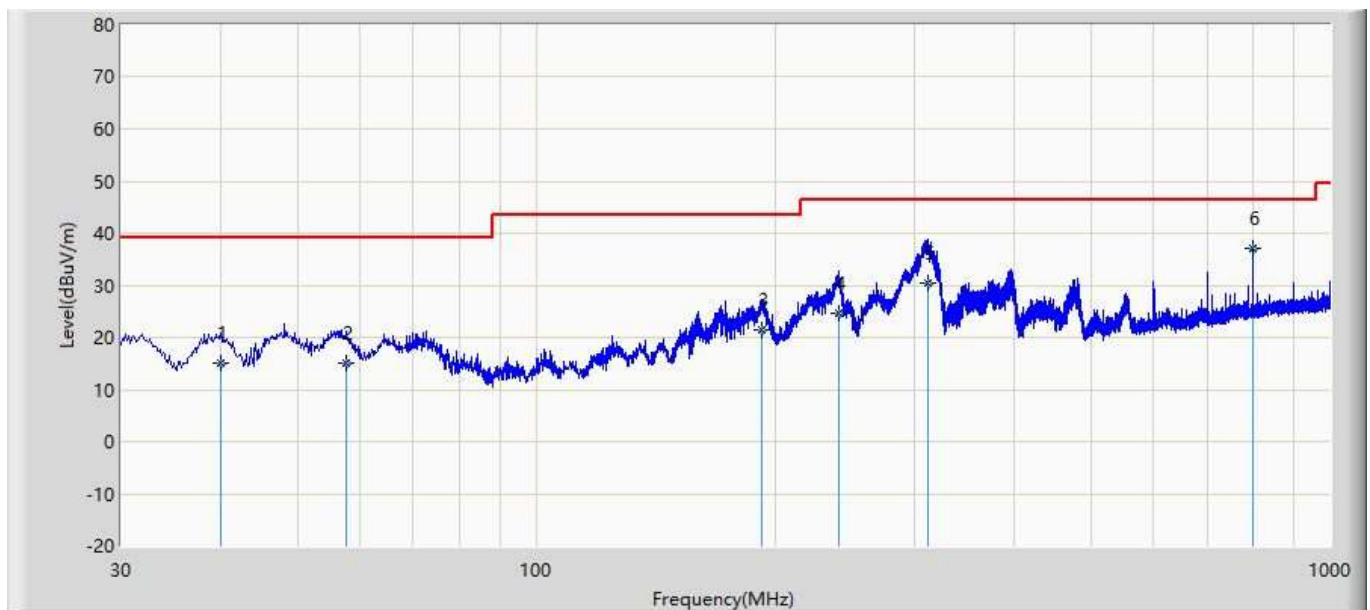
Note: The antenna's moving up and down is determined by ω value for above 1GHz, to ensure that the acceptable range of the testing antenna can cover the whole range of EUT.

4.5. Deviation from Test Standard

No deviation.

4.6. Test Result

Engineer: Yves	
Site: AC1	Time: 2020/12/07
Limit: FCC_Part15.109_RE(10m)_ClassA	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)	Polarity: Horizontal
EUT: Connection Box	Power: AC 120V/60Hz
Note: Mode 1	

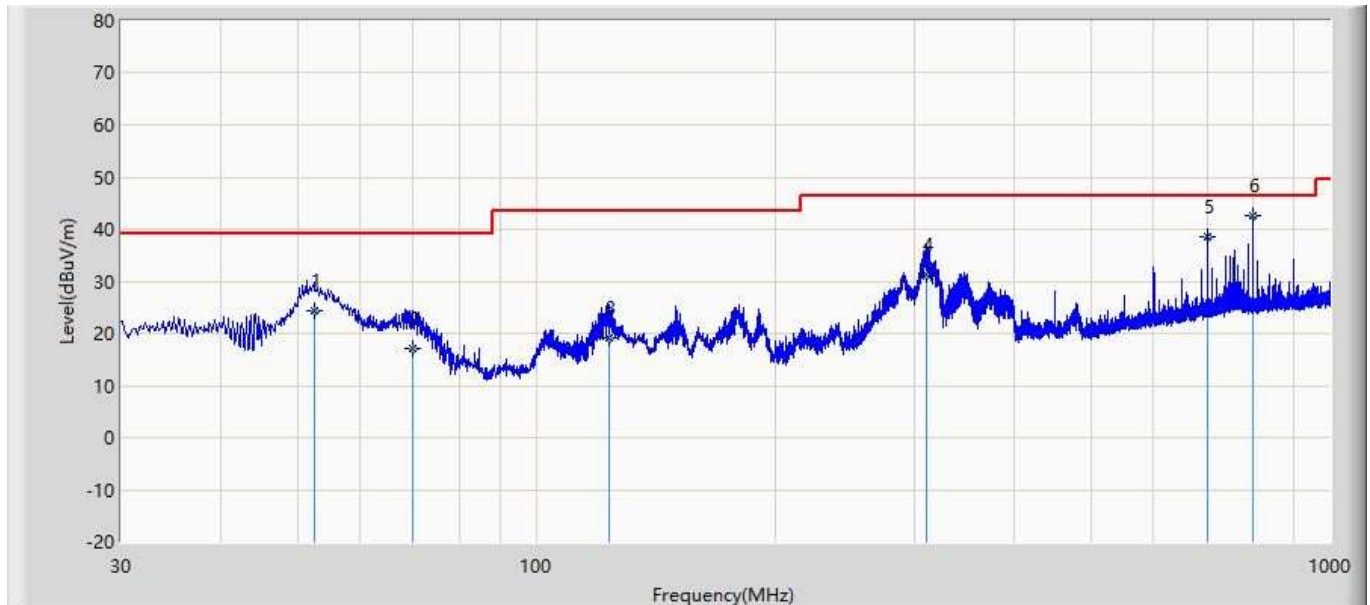


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		40.064	14.984	23.511	-24.016	39.000	13.007	1.264	22.797	100	71	QP
2		57.766	14.971	22.641	-24.029	39.000	13.490	1.542	22.703	100	54	QP
3		192.596	21.392	30.541	-22.108	43.500	10.592	2.996	22.738	100	307	QP
4		240.854	24.549	32.511	-21.851	46.400	11.413	3.400	22.775	100	284	QP
5		311.057	30.488	35.654	-15.912	46.400	13.521	3.930	22.618	200	67	QP
6	*	800.059	37.212	30.110	-9.188	46.400	22.100	6.870	21.867	100	5	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Yves	
Site: AC1	Time: 2020/12/07
Limit: FCC_Part15.109_RE(10m)_ClassA	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)	Polarity: Vertical
EUT: Connection Box	Power: AC 120V/60Hz
Note: Mode 1	

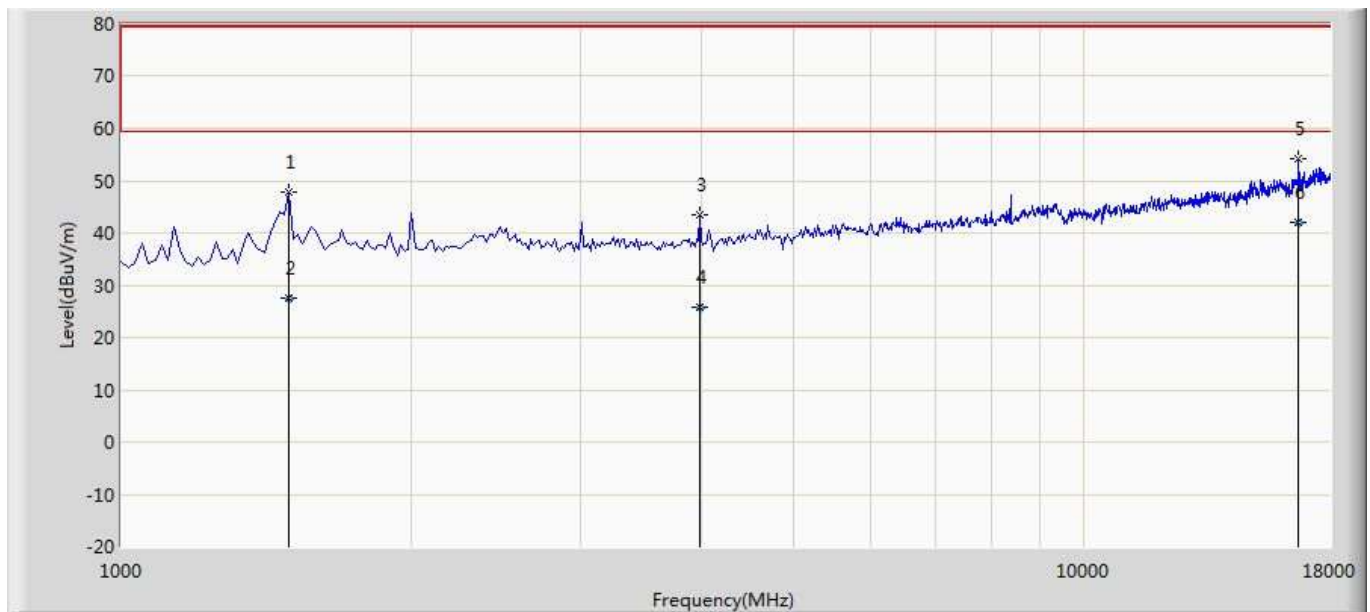


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		52.553	24.491	32.110	-14.509	39.000	13.698	1.463	22.780	100	58	QP
2		69.891	17.144	26.511	-21.856	39.000	11.612	1.711	22.690	200	218	QP
3		123.726	19.063	28.641	-24.437	43.500	10.828	2.340	22.746	100	55	QP
4		310.936	31.369	36.541	-15.031	46.400	13.519	3.930	22.621	100	51	QP
5		700.028	38.535	33.544	-7.865	46.400	20.701	6.338	22.047	100	247	QP
6	*	800.059	42.613	35.511	-3.787	46.400	22.100	6.870	21.867	100	56	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Adele	
Site: AC5	Time: 2020/12/07
Limit: FCC_Part15.109_RE(3m)_ClassA	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: Connection Box	Power: AC 120V/60Hz
Note: Mode 1	

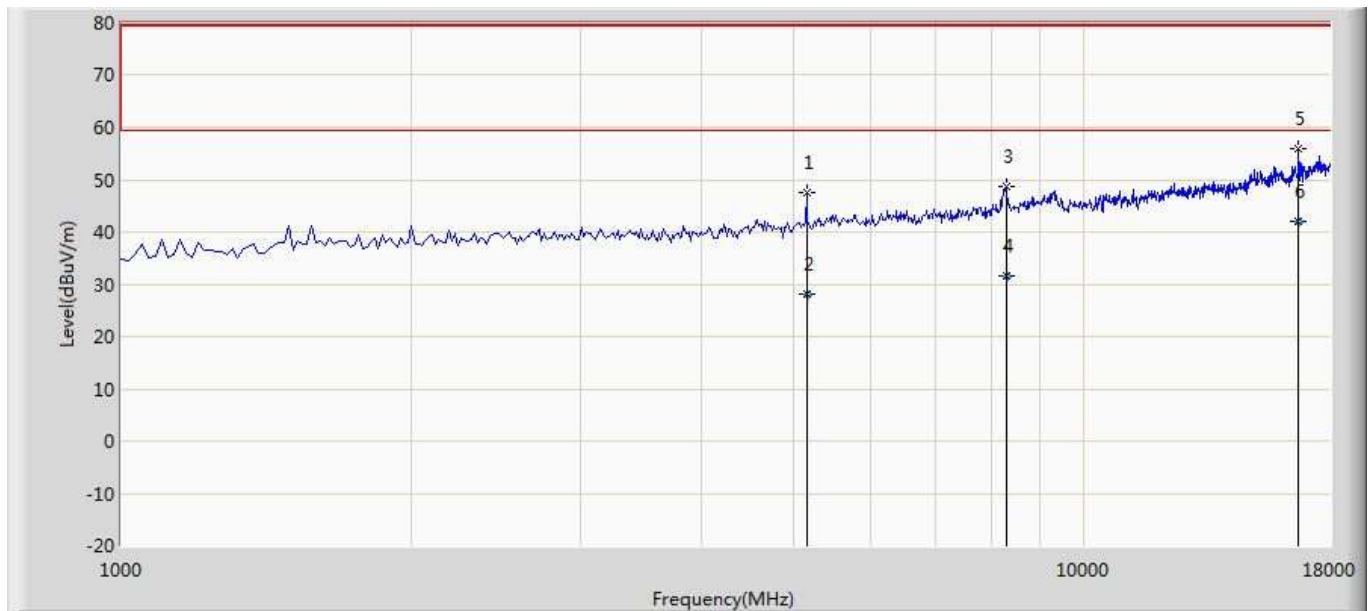


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		1493.000	47.838	60.035	-31.662	79.500	29.264	4.649	46.110	100	138	PK
2		1493.060	27.399	39.598	-32.101	59.500	29.264	4.646	46.110	100	138	AV
3		3992.000	43.595	51.171	-35.905	79.500	32.887	5.288	45.751	100	207	PK
4		3992.580	25.788	33.345	-33.712	59.500	32.888	5.310	45.754	100	207	AV
5		16708.000	54.089	39.276	-25.411	79.500	42.674	16.519	44.379	100	109	PK
6	*	16708.690	41.904	27.226	-17.596	59.500	42.675	16.374	44.372	100	109	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Adele	
Site: AC5	Time: 2020/12/07
Limit: FCC_Part15.109_RE(3m)_ClassA	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: Connection Box	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		5148.000	47.553	50.929	-31.947	79.500	34.378	7.087	44.841	100	105	PK
2		5148.480	28.123	31.512	-31.377	59.500	34.379	7.073	44.841	100	105	AV
3		8293.000	48.695	48.306	-30.805	79.500	37.893	8.427	45.931	100	168	PK
4		8293.810	31.704	31.358	-27.796	59.500	37.894	8.397	45.945	100	168	AV
5		16708.000	55.812	40.999	-23.688	79.500	42.674	16.519	44.379	100	108	PK
6	*	16708.265	41.971	27.210	-17.529	59.500	42.674	16.463	44.377	100	108	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

4.7. Test Photograph

Test Mode: Mode 1

Description: Front View of Radiated disturbance Test Setup (Below 1GHz)



Test Mode: Mode 1

Description: Rear View of Radiated disturbance Test Setup (Below 1GHz)



Test Mode: Mode 1

Description: Front View of Radiated disturbance Test Setup (Above 1GHz)



Test Mode: Mode 1

Description: Rear View of Radiated disturbance Test Setup (Above 1GHz)



5. Attachment

EUT Photograph

(1) EUT Photo



(2) EUT Photo



(3) EUT Photo



(4) EUT Photo



(5) Pandar XT



(6) Adaptor



(7) GPS module



_____ The End _____