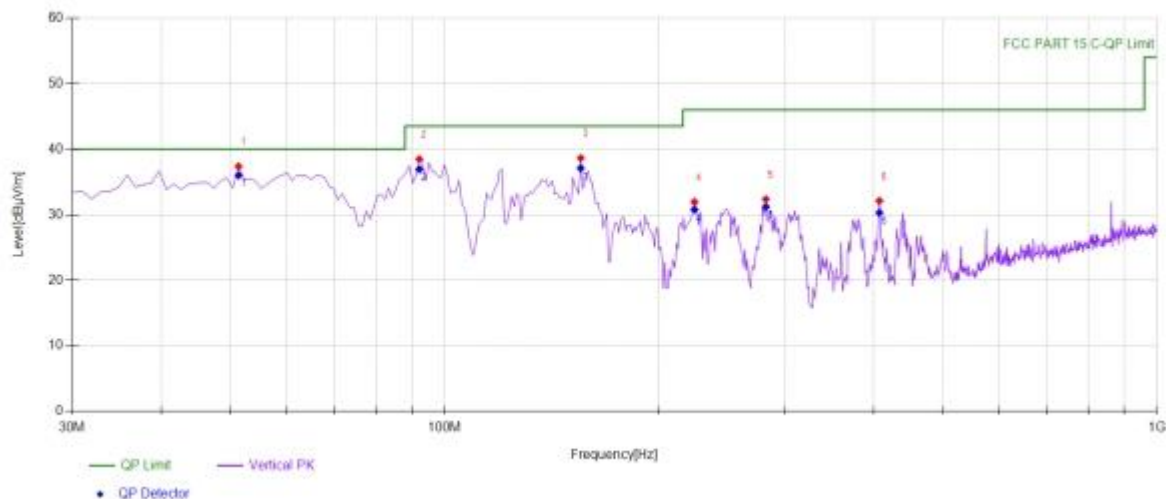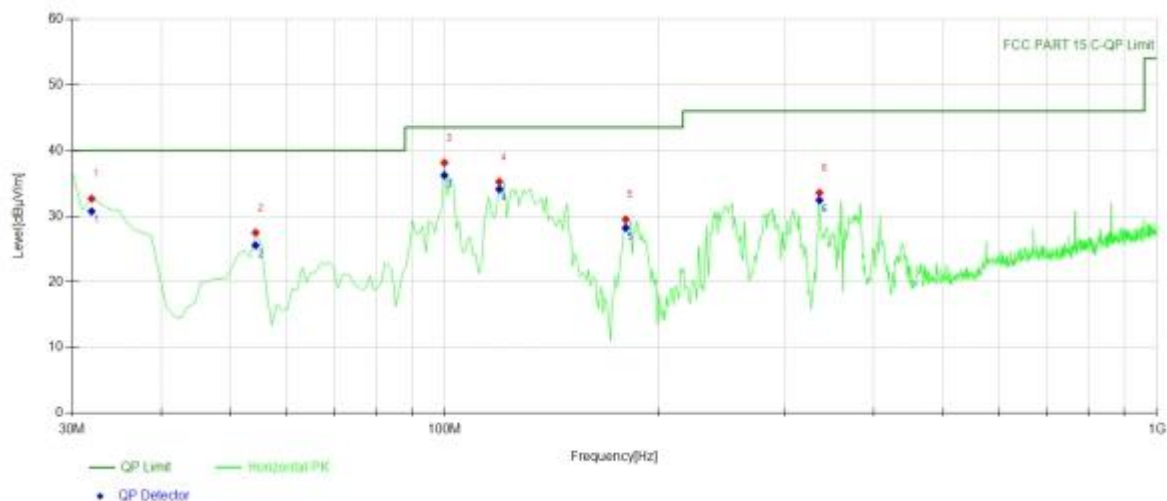| Mode:	BT 2480
Environment:	Temp: 25℃; Humi:60%

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	51.3614	54.76	-17.39	37.37	PK	40.00	2.63	Vertical
2	92.1421	57.13	-18.66	38.47	PK	43.50	5.03	Vertical
3	155.2552	58.32	-19.68	38.64	PK	43.50	4.86	Vertical
4	224.1942	48.65	-16.69	31.96	PK	46.00	14.04	Vertical
5	282.4525	46.55	-14.18	32.37	PK	46.00	13.63	Vertical
6	407.7077	43.90	-11.78	32.12	PK	46.00	13.88	Vertical

Mode:	BT 2480
Environment:	Temp: 25℃; Humi:60%

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	31.9419	51.07	-18.41	32.66	PK	40.00	7.34	Horizontal
2	54.2743	45.27	-17.78	27.49	PK	40.00	12.51	Horizontal
3	99.9099	54.96	-16.82	38.14	PK	43.50	5.36	Horizontal
4	119.3290	53.11	-17.88	35.23	PK	43.50	8.27	Horizontal
5	179.5295	47.91	-18.42	29.49	PK	43.50	14.01	Horizontal
6	335.8550	47.13	-13.57	33.56	PK	46.00	12.44	Horizontal

9.8 CONDUCTED EMISSION TEST

9.8.1 Applicable Standard

According to FCC Part 15.207
According to IC RSS-Gen 8.8

9.8.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	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 0.50MHz.

9.8.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

9.8.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

9.8.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:
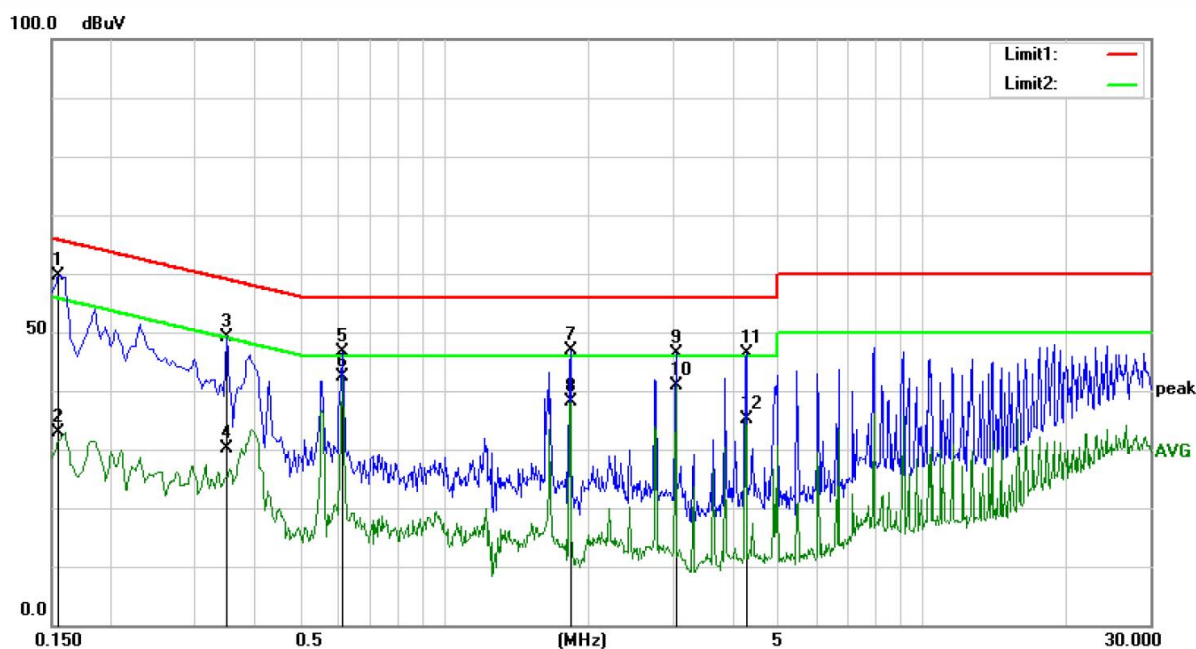
Site Conduction #1

Phase: **N**

Temperature: 21.9
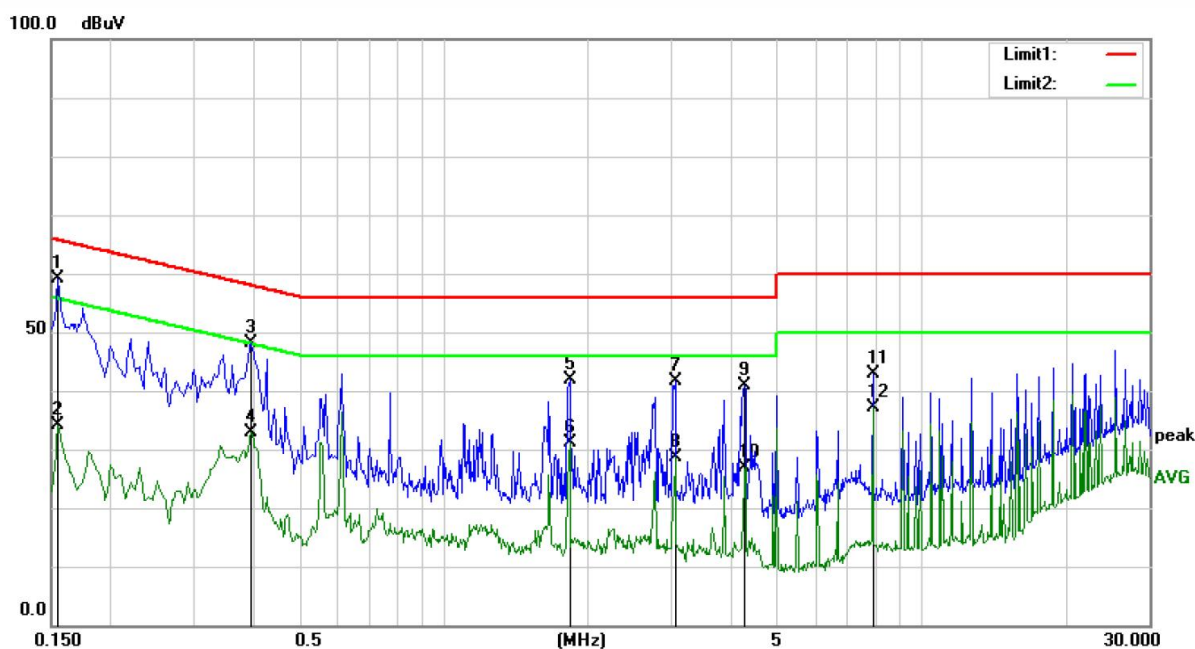
Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 58 %

Mode: BT mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1550	49.79	9.80	59.59	65.73	-6.14	QP	
2		0.1550	23.03	9.80	32.83	55.73	-22.90	AVG	
3		0.3500	39.32	9.73	49.05	58.96	-9.91	QP	
4		0.3500	20.39	9.73	30.12	48.96	-18.84	AVG	
5		0.6100	37.08	9.60	46.68	56.00	-9.32	QP	
6	*	0.6100	32.72	9.60	42.32	46.00	-3.68	AVG	
7		1.8300	37.26	9.58	46.84	56.00	-9.16	QP	
8		1.8300	28.47	9.58	38.05	46.00	-7.95	AVG	
9		3.0500	36.62	9.71	46.33	56.00	-9.67	QP	
10		3.0500	31.06	9.71	40.77	46.00	-5.23	AVG	
11		4.2700	36.80	9.69	46.49	56.00	-9.51	QP	
12		4.2700	25.34	9.69	35.03	46.00	-10.97	AVG	

Site Conduction #1
Phase: **L1**
Temperature: 21.9

Limit: (CE)FCC PART 15 class B_QP
Power: AC 120V/60Hz
Humidity: 58 %

Mode: BT mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1550	49.43	9.80	59.23	65.73	-6.50	QP	
2		0.1550	24.22	9.80	34.02	55.73	-21.71	AVG	
3		0.3950	38.38	9.67	48.05	57.96	-9.91	QP	
4		0.3950	23.15	9.67	32.82	47.96	-15.14	AVG	
5		1.8300	32.41	9.58	41.99	56.00	-14.01	QP	
6		1.8300	21.54	9.58	31.12	46.00	-14.88	AVG	
7		3.0450	32.04	9.71	41.75	56.00	-14.25	QP	
8		3.0450	18.81	9.71	28.52	46.00	-17.48	AVG	
9		4.2650	31.21	9.69	40.90	56.00	-15.10	QP	
10		4.2650	17.11	9.69	26.80	46.00	-19.20	AVG	
11		7.9050	33.19	9.69	42.88	60.00	-17.12	QP	
12		7.9050	27.51	9.69	37.20	50.00	-12.80	AVG	

9.9　ANTENNA APPLICATION

9.9.1　Antenna Requirement

Standard	Requirement
FCC CRF Part15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part 15.247 (b)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.
RSS-247 Section 5.4	If the transmitter employs an antenna system that emits multiple directional beams, but does not emit multiple directional beams simultaneously, the total output power conducted to the array or arrays that comprise the device (i.e. the sum of the power supplied to all antennas, antenna elements, staves, etc., and summed across all carriers or frequency channels) shall not exceed the applicable output power limit. However, the total conducted output power shall be reduced by 1 dB below the specified limits for each 3 dB that the directional gain of the antenna/antenna array exceeds 6 dBi. The directional antenna gain shall be computed as the sum of 10 log (number of array elements or staves) plus the directional gain of the element or stave having the highest gain.

9.9.2　Result

PASS.

Note:
- ☑　Antenna use a permanently attached antenna which is not replaceable.
- ☐　Not using a standard antenna jack or electrical connector for antenna replacement
- ☐　The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached documentInternal Photos to show the antenna connector.

*** End of Report ***