

FCC TEST REPORT

Prepared for : Xiamen Joint Tech. Co., Ltd
Address : #1, No.268 HouXiang Rd, xinyang Industrial Park,
Haicang District, XIAMEN, Fujian

Trade Name : JOINT
E.U.T : Electric Vehicle AC Charger
Model Number : JNT-EVL007/48AC/01C/BK/RF/WF
FCC ID : 2A2RN-ACEVL007

Prepared by : Keyway Testing Technology (Guangdong) Co., Ltd.
Address : 21/F., Building 6, Dongyi Intelligent Equipment
New Energy Vehicle Park, No.30 of Tangxia District,
Dongshen Road, Tangxia Town, Dongguan City,
Guangdong province, China

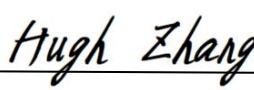
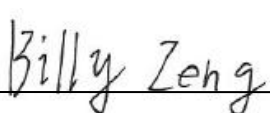
Tel: 86-769-87182258
Fax: 86-769-87181058

Report No. : 2025062630869236
Date of Test : Jun. 25 ~ Jul. 15, 2025
Date of Report : Jul. 15, 2025

TABLE OF CONTENTS

Test Report Declaration	Page
1. GENERAL PRODUCT INFORMATION	4
1.1. Product Function	4
1.2. Description of Device (EUT)	4
1.3. Difference between Model Numbers	4
1.4. Independent Operation Modes	4
1.5. Test Supporting System	4
1.6. The Main Test Models	4
2. TEST SITES	5
2.1. Test Facilities	5
2.2. Test Summary	6
2.3. List of Test and Measurement Instruments	7
3. TEST SET-UP AND OPERATION MODES	9
3.1. Principle of Configuration Selection	9
3.2. Block Diagram of Test Set-up	9
3.3. Test Operation Mode and Test Software	9
3.4. Special Accessories and Auxiliary Equipment	9
3.5. Countermeasures to Achieve EMC Compliance	9
4. TEST RESULTS	10
4.1. Conducted Emission at the Mains Terminals Test	10
4.2. Radiated Emission Test (below 1 GHz)	15
4.3. Radiated Emission Test (above 1 GHz)	21
5. PHOTOGRAPHS OF TEST SET-UP	27
6. PHOTOGRAPHS OF THE EUT	28

Keyway Testing Technology (Guangdong) Co., Ltd.

Applicant:	Xiamen Joint Tech. Co., Ltd		
Address:	#1, No.268 HouXiang Rd, xinyang Industrial Park, Haicang District, XIAMEN, Fujian		
Manufacturer:	Xiamen Joint Tech. Co., Ltd		
Address:	#1, No.268 HouXiang Rd, xinyang Industrial Park, Haicang District, XIAMEN, Fujian		
E.U.T:	Electric Vehicle AC Charger		
Model Number:	JNT-EVL007/48AC/01C/BK/RF/WF		
Trade Name:	JOINT		
Date of Receipt:	Jun. 25, 2025	Date of Test:	Jun. 25 ~ Jul. 15, 2025
Test Specification:	FCC Part 15, Subpart B ANSI C63.4:2014		
Test Result:	The equipment under test was found to be compliance with the requirements of the standards applied.		
Issue Date: Jul. 15, 2025			
Tested by:	Reviewed by:	Approved by:	
 Hugh zhang / Engineer	 Billy Zeng / Supervisor	 Andy Gao / Manager	
Other Aspects:			
None.			
Abbreviations: OK/P=passed fail/F=failed N /A=not applicable E.U.T=equipment under tested			
This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Keyway Testing Technology (Guangdong) Co., Ltd.			

1. GENERAL PRODUCT INFORMATION

1.1.Product Function

Refer to Technical Construction Form and User Manual.

1.2.Description of Device (EUT)

Description : Electric Vehicle AC Charger
M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Power Input : 208-240Vac, 60Hz, 48A,11.5kW
Highest internal frequency : 2.4GHz
Model list :

Model No	Input Ratings	Connector Type
JNT-EVL007/48AC/01C/BK/RF/WF	208-240Vac, 60Hz, 48A,11.5kW	J3400
		J1772

1.3.Difference between Model Numbers

None.

1.4.Independent Operation Modes

The basic operation modes are:

Pretest Mode	Description
Mode 1	Normal working

1.5.Test Supporting System

None.

1.6.The Main Test Models

Test Model	Sample serial number
JNT-EVL007/48AC/01C/BK/RF/WF	33000248765

2. TEST SITES

2.1. Test Facilities

Lab Qualifications : Certificated by **CMA**
Registration No.: 202319016955
Date of registration: July 23, 2024

Certificated by **CNAS**
Registration No.: CNAS L5783
Date of registration: March 07, 2025

Certificated by **A2LA**
Certificate Number: 7404.01
Valid To: March 31, 2027

FCC Designation No.: CN1412
Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.

ISED (Company No.: 33959)
The Company Number is 21320 and the test lab Conformity Assessment
Body Identifier (CABID) is CN0186

Certificated by **VCCI**
Member No. 3498
R-20091: G-20277: 966 Chamber 2 Below 1 G
G-20277: 966 Chamber 2 above 1 G
C-20064: Conducted Emissions at Mains ports
T-20120: Conducted Emissions at Wired network port
Date of Valid until: Sep. 19, 2027

Certificated by **Nemko**
Registration No.: ELA 814
Date of registration: September 25, 2024

Certificated by **UL**
Registration No.: 100567237
Date of registration: September 25, 2024

Name of Firm : Keyway Testing Technology (Guangdong) Co., Ltd.

Site Location : 21/F., Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park, No.30 of Tangxia District, Dongshen Road, Tangxia Town, Dongguan City, Guangdong province, China

2.2.Test Summary

Test Item	Condition	Standard	Result
Conducted disturbance at mains terminals	150kHz to 30MHz	FCC Part 15, Subpart B ANSI C63.4:2014	Pass
Radiated Emission (below 1 GHz)	30MHz to 1GHz	FCC Part 15, Subpart B ANSI C63.4:2014	Pass
Radiated Emission (above 1 GHz)	Above 1GHz	FCC Part 15, Subpart B ANSI C63.4:2014	Pass
Remark: 1. The symbol "N/A" in above table means <u>N</u> ot <u>A</u> pplicable. 2.When determining the test results, measurement uncertainty of tests has been considered.			

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty for Radiated Emission in 966 Chamber 1	3.8dB
Uncertainty for Radiated Emission in 966 Chamber 2	3.7dB
Uncertainty for Conducted Emission in 944 Chamber	3.0dB
Uncertainty for Conducted Emission in 744 Chamber	2.9dB

2.3.List of Test and Measurement Instruments

Equipment	Manufacturer	Model No.	Serial No.	Valid until	This use
Conduction test system					
Shielded Room	YI HENG	9*4*3	YH-KW-943	Mar 11,29	√
Test Software	FARAD	EZ-EMC Ver.FARAD-3A1 +	KWET-089	/	√
EMI Test Receiver	R&S	ESCI	101156	Apr 13, 26	√
ArtificialMains Network (AE)	R&S	ENV216	101315	Apr 14, 26	
ArtificialMains Network	R&S	ENV216	101314	Mar 04, 26	
Artificial Mains Network	SCHWARZBECK	NNLK 8130	00457	Apr 14, 26	√
RF Cable	FUJIKURA	3D-2W	/	Apr 13, 26	√
ISN-CAT5	Schwarzbeck	CAT5 8158	#282	Apr 27, 26	
ISN-CAT6	Schwarzbeck	CAT6 8158	#241	Apr 27, 26	
Pulse limiter	Schwarzbeck	ESH3-Z2	102742	Apr 13, 26	
Conduction test system					
Shielded Room	YI HENG	7*4*3.3	YH-KW-743	Jan 18,29	
Test Software	FARAD	EZ-EMC Ver.FARAD-3A1 +	KWET-090	/	
EMI Test Receiver	R&S	ESPI	101868	Apr 13, 26	
ArtificialMains Network	PMM	PMM L3-64	110ZZ20306	Apr 14, 26	
Pulse limiter	Schwarzbeck	ESH3-Z2	102696	Apr 13, 26	
RF Cable	Junkosha	MWX322-2m	1305G008	Apr 13, 26	
LLAS test system					
Shielded Room	YI HENG	7*4*3.3	YH-KW-743	Jan 18,29	
Test Software	FARAD	EZ-EMC Ver.FARAD-3A1 +	KWET-090	/	
EMI Test Receiver	R&S	ESPI	101868	Apr 13, 26	
Three-ring antenna	EVERFINE	LLA-2	YG100605N1 1070001	Apr 14, 26	
RF Cable	Junkosha	MWX322-8m	1305G007	Apr 13, 26	

Equipment	Manufacturer	Model No.	Serial No.	Valid until	This use
Radiated emission (30MHz-1GHz) test system					
3m Semi-anechoicChamber	YI HENG	9*6*6	YH-KW-966-01	Jan 17, 29	
Test Software	FARAD	EZ-EMC Ver.FARAD-3A1+	KWET-088	/	
EMI Test Receiver	R&S	ESCI	101394	Apr 13, 26	
Logarithmic Periodic Antenna	Schwarzbeck	VULB 9163	520	May 09, 26	
RF Cable	EMC Instruments	EMCCFD400-NM-NM-2000	240306	Apr 13, 26	
RF Cable	EMC Instruments	EMCCFD400-NM-NM-9000	240308	Apr 13, 26	
Radiated emission (30MHz-1GHz) test system					
3m Semi-anechoic Chamber	YI HENG	9*6*6	YH-KW-966-02	Mar 06, 29	√
Test Software	FARAD	EZ-EMC Ver.FARAD-3A1+	KWET-087	/	√
EMI Test Receiver	R&S	ESCI	101178	Apr 13, 26	√
TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	00829	May 09, 26	√
RF Cable	EMC Instruments	EMCCFD400-NM-NM-2000	240307	Apr 13, 26	√
RF Cable	EMC Instruments	EMCCFD400-NM-NM-9000	240309	Apr 13, 26	√
Radiated emission (Above 1GHz) test system					
3m anechoic Chamber	YI HENG	9*6*6	YH-KW-966-02	Mar 06, 29	√
Test Software	FARAD	EZ-EMC Ver.FARAD-3A1+	KWET-087	/	√
EMI Test Receiver	R&S	ESCI	101178	Apr 13, 26	√
Horn Antenna	DAZE	ZN30701	11003	Jul 26, 26	√
Spectrum Analyzer	Agilent	N9020A	MY56070279	Apr 13, 26	√
LNA	WCS Technology	DLNA-1000-18000	231020	Apr 14, 26	√
RF Cable(1G-18GHz)	EMC Instruments	EMC105-SM-SM-1000	240301	Apr 13, 26	√
RF Cable(1G-18GHz)	EMC Instruments	EMC105-SM-SM-2000	240302	Apr 13, 26	√
RF Cable(1G-18GHz)	EMC Instruments	EMC105-SM-SM-9000	240303	Apr 13, 26	√
LNA	WCS Technology	DLNA-18000-40000	231031	Apr 18, 26	√
Spectrum Analyzer	R&S	FSV 40	101059	Nov 05, 26	√
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1368	May 15, 26	√
RF Cable(18G-40GHz)	Keysight	ULC-1.5FT-SMSM+1623	KWET-161	Apr 14, 26	√
RF Cable(18G-40GHz)	WCS Technology	CA360P-29M29M-9M	W2415110001	Apr 14, 26	√

3. TEST SET-UP AND OPERATION MODES

3.1.Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

3.2.Block Diagram of Test Set-up

System Diagram of Connections between EUT and Simulators



(EUT: Electric Vehicle AC Charger)

3.3.Test Operation Mode and Test Software

Refer to Test Setup in clause 4 & 5.

3.4.Special Accessories and Auxiliary Equipment

None.

3.5.Countermeasures to Achieve EMC Compliance

None.

4. TEST RESULTS

4.1. Conducted Emission at the Mains Terminals Test

Result	: Pass
Test Site	: 944 Shielded Room
Limits	: FCC Part 15B Class B

Frequency range MHz	Limits dB(μ V)	
	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.
2.The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz.

Test Specification

1. The EUT was put on a wooden table which was 0.8 m high above the ground and connected to the AC mains through the Artificial Mains Network (AMN). Where the mains cable supplied by the manufacture was longer than 1 m, the excess was folded back and forth parallel to the cable at the centre so as to form a bundle no longer than 0.4 m.

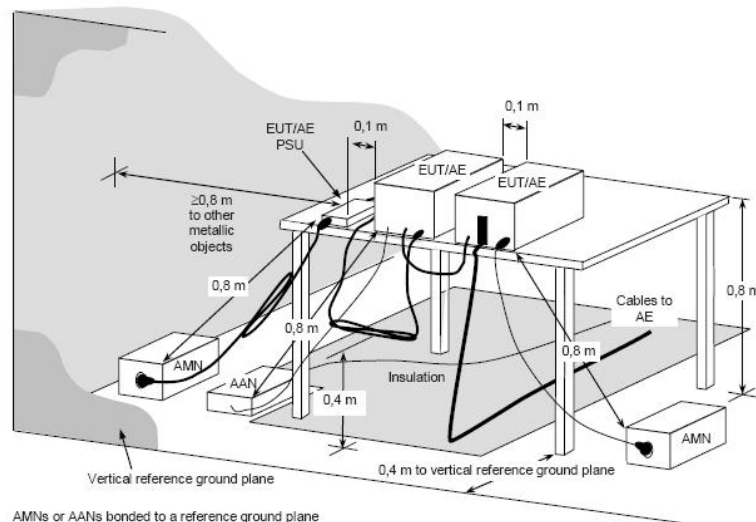
2. The EUT was kept 0.4 m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during the conducted emission test.

3. The bandwidth of the test receiver was set at 9 kHz.

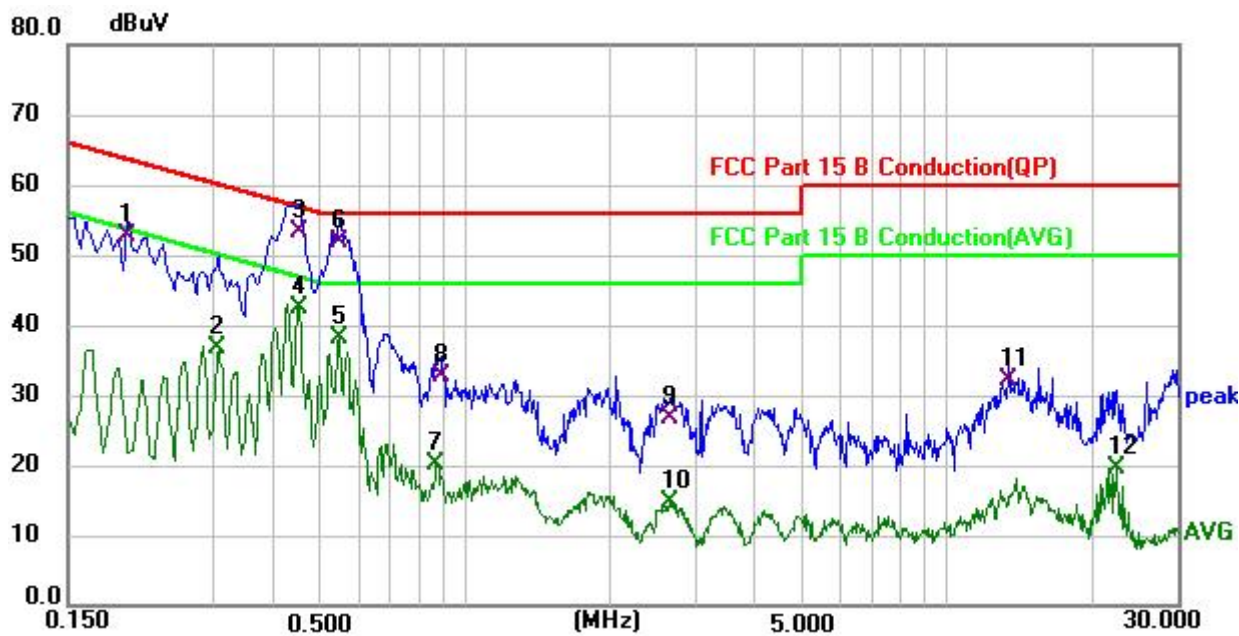
4.The worst test data was reported on the following page.

5. Emission Level = Factor + Cable Loss + Meter Reading.

Test Set-up

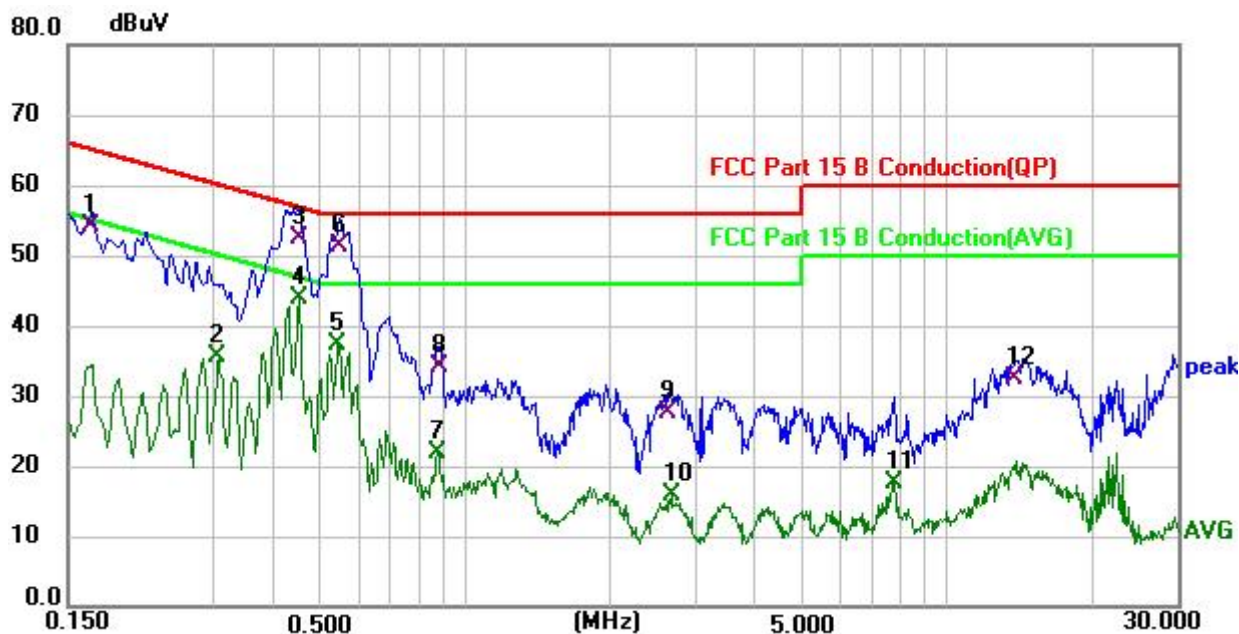


M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J3400
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Power Line; L1
Temperature (°C) : 23.5 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



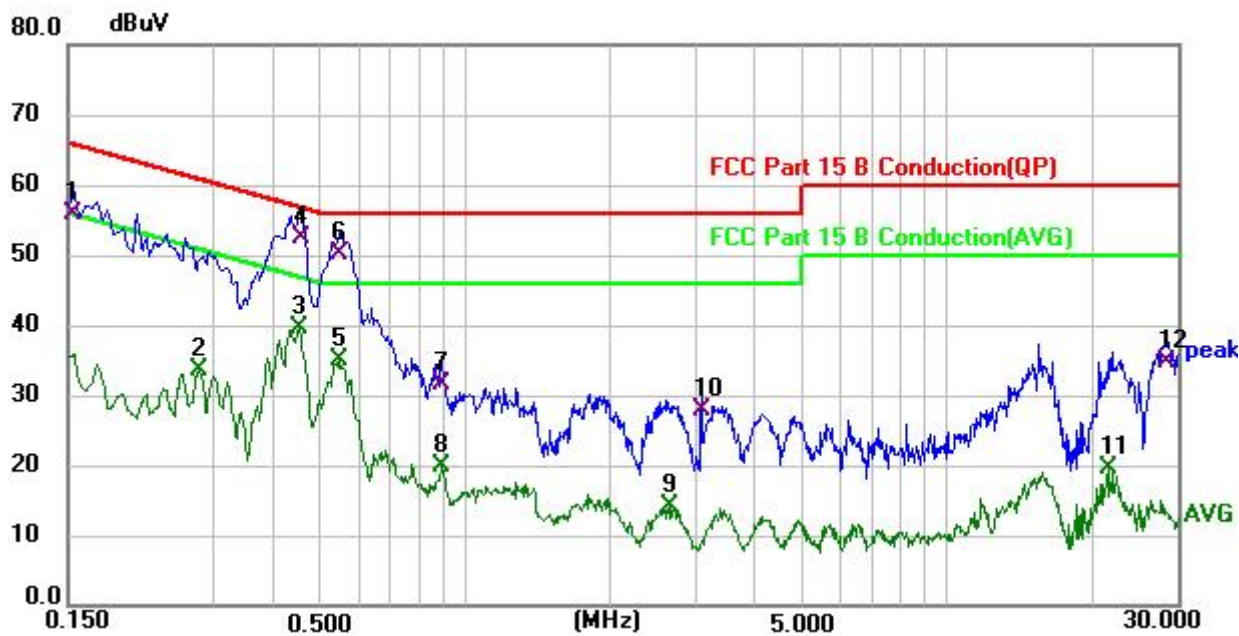
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.200	41.40	11.20	52.60	63.61	-11.01	QP
2	0.307	26.10	10.48	36.58	50.05	-13.47	AVG
3 *	0.452	43.02	10.30	53.32	56.84	-3.52	QP
4	0.452	32.14	10.30	42.44	46.84	-4.40	AVG
5	0.546	27.93	10.23	38.16	46.00	-7.84	AVG
6	0.550	41.77	10.22	51.99	56.00	-4.01	QP
7	0.875	9.98	10.15	20.13	46.00	-25.87	AVG
8	0.892	22.44	10.15	32.59	56.00	-23.41	QP
9	2.674	16.47	10.17	26.64	56.00	-29.36	QP
10	2.674	4.54	10.17	14.71	46.00	-31.29	AVG
11	13.475	21.85	10.40	32.25	60.00	-27.75	QP
12	22.525	8.92	10.74	19.66	50.00	-30.34	AVG

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J3400
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Power Line; L2
Temperature (°C): : 23.5 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



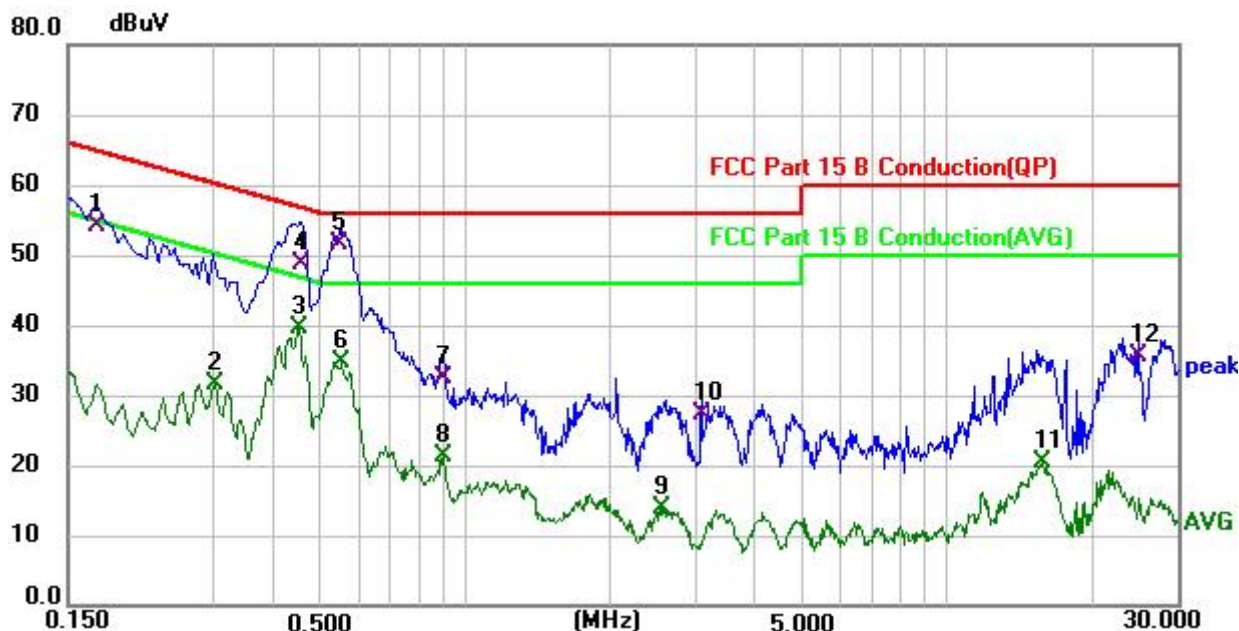
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.168	42.87	11.40	54.27	65.06	-10.79	QP
2	0.307	25.03	10.48	35.51	50.05	-14.54	AVG
3	0.452	42.24	10.31	52.55	56.84	-4.29	QP
4 *	0.452	33.50	10.31	43.81	46.84	-3.03	AVG
5	0.541	26.99	10.24	37.23	46.00	-8.77	AVG
6	0.550	41.08	10.23	51.31	56.00	-4.69	QP
7	0.879	11.77	10.16	21.93	46.00	-24.07	AVG
8	0.888	23.88	10.16	34.04	56.00	-21.96	QP
9	2.647	17.29	10.19	27.48	56.00	-28.52	QP
10	2.692	5.58	10.19	15.77	46.00	-30.23	AVG
11	7.800	7.42	10.27	17.69	50.00	-32.31	AVG
12	13.800	21.95	10.41	32.36	60.00	-27.64	QP

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J1772
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Power Line; L1
Temperature (°C) : 23.5 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.154	44.37	11.53	55.90	65.79	-9.89	QP
2	0.281	23.01	10.62	33.63	50.79	-17.16	AVG
3	0.452	29.21	10.30	39.51	46.84	-7.33	AVG
4 *	0.456	42.14	10.29	52.43	56.77	-4.34	QP
5	0.546	24.84	10.23	35.07	46.00	-10.93	AVG
6	0.550	39.99	10.22	50.21	56.00	-5.79	QP
7	0.892	21.54	10.15	31.69	56.00	-24.31	QP
8	0.897	9.82	10.15	19.97	46.00	-26.03	AVG
9	2.665	4.03	10.17	14.20	46.00	-31.80	AVG
10	3.097	17.59	10.18	27.77	56.00	-28.23	QP
11	21.575	8.74	10.69	19.43	50.00	-30.57	AVG
12	28.600	23.60	11.08	34.68	60.00	-25.32	QP

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J1772
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Power Line; L2
Temperature (°C) : 23.5 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.172	42.85	11.38	54.23	64.86	-10.63	QP
2	0.303	21.19	10.49	31.68	50.16	-18.48	AVG
3	0.452	29.36	10.31	39.67	46.84	-7.17	AVG
4	0.456	38.53	10.30	48.83	56.77	-7.94	QP
5 *	0.550	41.43	10.23	51.66	56.00	-4.34	QP
6	0.555	24.58	10.23	34.81	46.00	-11.19	AVG
7	0.901	22.30	10.16	32.46	56.00	-23.54	QP
8	0.901	11.06	10.16	21.22	46.00	-24.78	AVG
9	2.575	3.75	10.19	13.94	46.00	-32.06	AVG
10	3.097	17.02	10.20	27.22	56.00	-28.78	QP
11	15.875	9.84	10.47	20.31	50.00	-29.69	AVG
12	24.825	24.69	10.86	35.55	60.00	-24.45	QP

4.2. Radiated Emission Test (below 1 GHz)

Result : **Pass**

Test Site : 966 Chamber

Limits : FCC Part 15B Class B

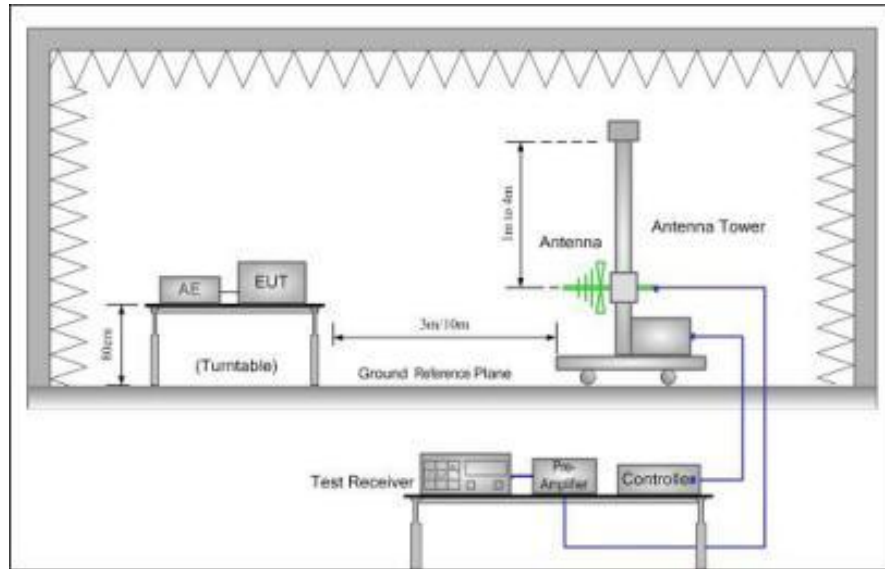
Frequency range MHz	Quasi-peak limits 3m dB(μ V/m)
30-88	40
88-216	43.5
216-960	46
960-1000	54

Note: 1. The lower limit shall apply at the transition frequency.
2. Additional provisions may be required for cases where interference occurs.

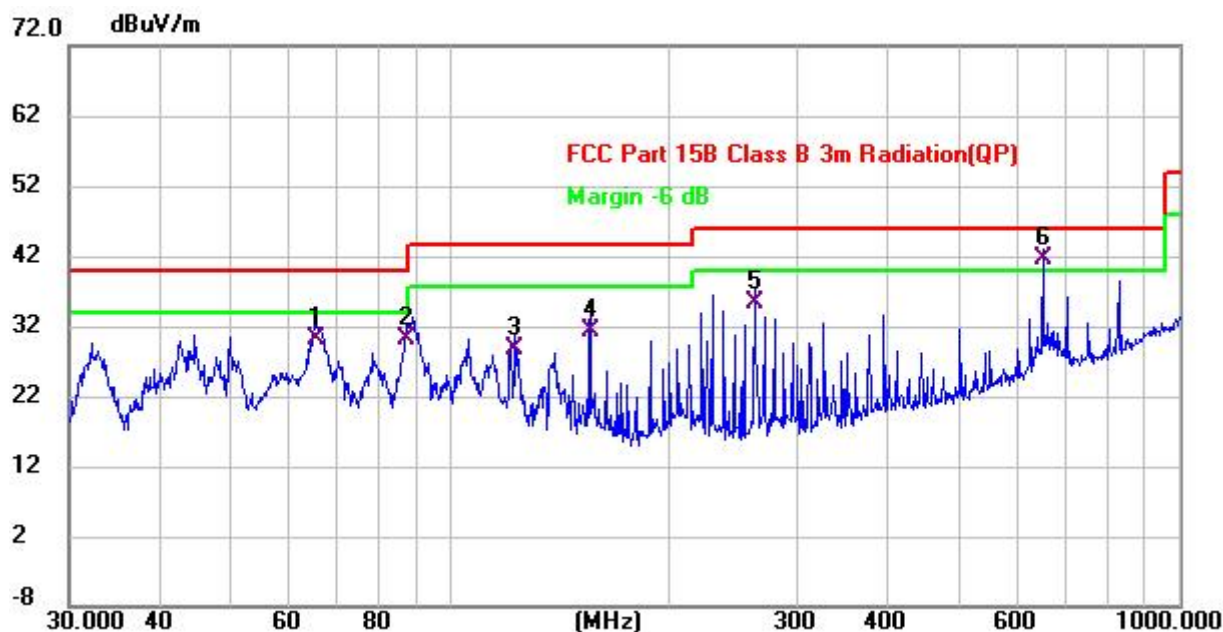
Conditional testing procedure

1. The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.
2. The highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz.
3. The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector.
4. The bandwidth setting on the test receiver was 120 kHz.
5. The worst test data were reported on the following page.
6. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Test Set-up

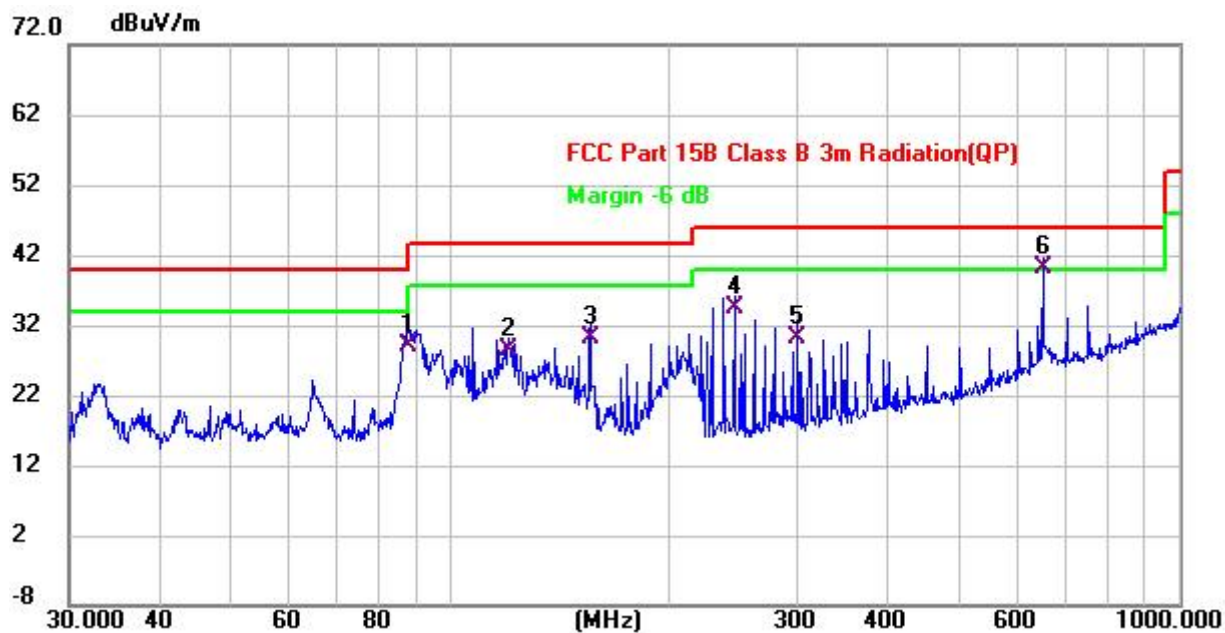


M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J3400
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Vertical
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



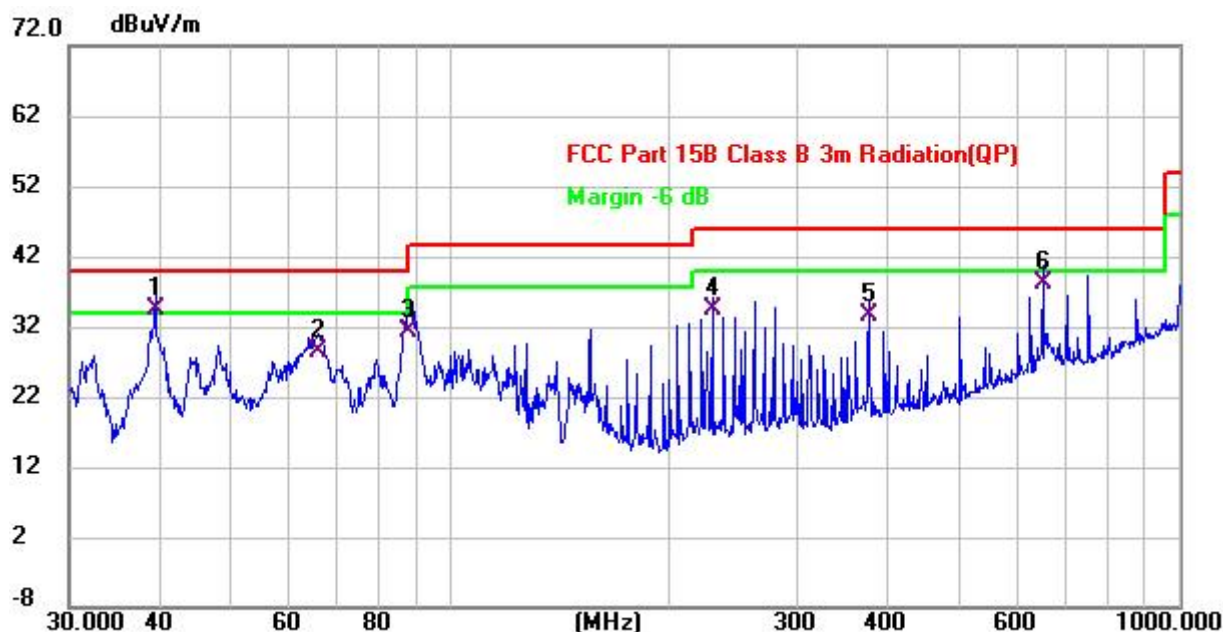
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	65.573	14.48	15.74	30.22	40.00	-9.78	QP
2	87.418	15.56	14.65	30.21	40.00	-9.79	QP
3	122.834	16.13	12.68	28.81	43.50	-14.69	QP
4	155.910	18.28	13.04	31.32	43.50	-12.18	QP
5	261.975	22.81	12.60	35.41	46.00	-10.59	QP
6 *	651.942	20.17	21.48	41.65	46.00	-4.35	QP

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J3400
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Horizontal
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	87.725	18.70	10.32	29.02	40.00	-10.98	QP
2	120.277	14.37	13.95	28.32	43.50	-15.18	QP
3	155.910	16.78	13.47	30.25	43.50	-13.25	QP
4	245.951	22.27	12.27	34.54	46.00	-11.46	QP
5	300.367	16.54	13.63	30.17	46.00	-15.83	QP
6 *	651.942	18.67	21.48	40.15	46.00	-5.85	QP

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J1772
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Vertical
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	39.437	21.40	12.95	34.35	40.00	-5.65	QP
2	65.803	12.70	15.75	28.45	40.00	-11.55	QP
3	87.725	16.70	14.56	31.26	40.00	-8.74	QP
4	229.293	22.99	11.57	34.56	46.00	-11.44	QP
5	375.939	17.90	15.57	33.47	46.00	-12.53	QP
6	651.942	16.67	21.48	38.15	46.00	-7.85	QP

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J1772
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Horizontal
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	99.878	20.99	11.01	32.00	43.50	-11.50	QP
2	139.361	16.53	13.12	29.65	43.50	-13.85	QP
3	213.015	18.54	10.82	29.36	43.50	-14.14	QP
4	350.477	17.20	14.92	32.12	46.00	-13.88	QP
5	501.179	13.14	18.12	31.26	46.00	-14.74	QP
6 *	651.942	16.17	21.48	37.65	46.00	-8.35	QP

4.3.Radiated Emission Test (above 1 GHz)

Result : **Pass**

Test Site : 966 Chamber

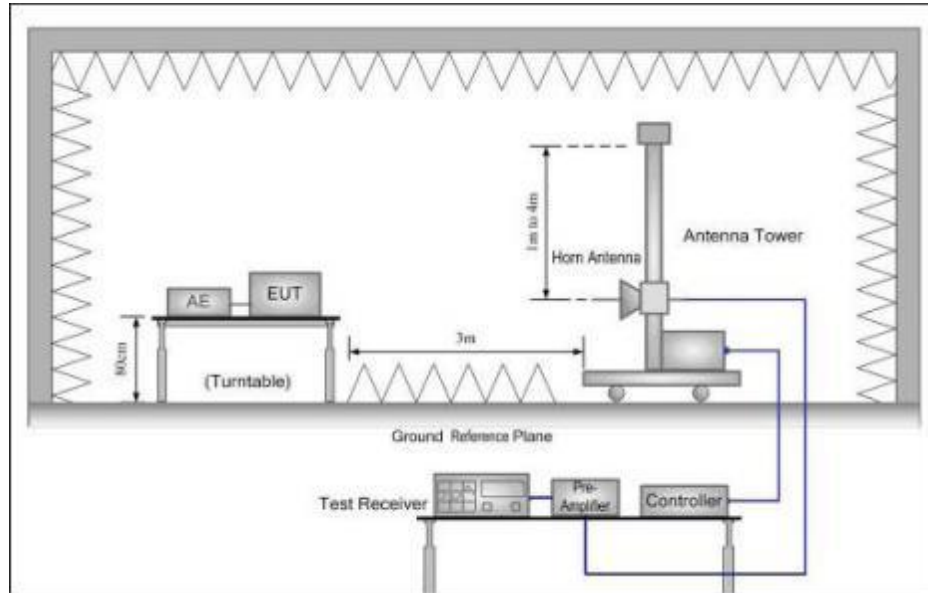
Limits : FCC Part 15B Class B

Frequency range GHz	Average limit dB(μV/m)	Peak limit dB(μV/m)
1-6	54	74
Note: The lower limit applies at the transition frequency		

Conditional testing procedure

- 1.The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.
- 2.The EUT was tested in the 3m Chamber Site. It was pre-scanned with a Peak detector from the spectrum.
- 3.The bandwidth setting on the test receiver was 1 MHz..
4. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 - ☐ the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz.
 - ☐ the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz, the measurement shall only be made up to 5 GHz.
 - ☒ the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 40 GHz, whichever is lower.

Test Set-up



M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J3400
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Vertical
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



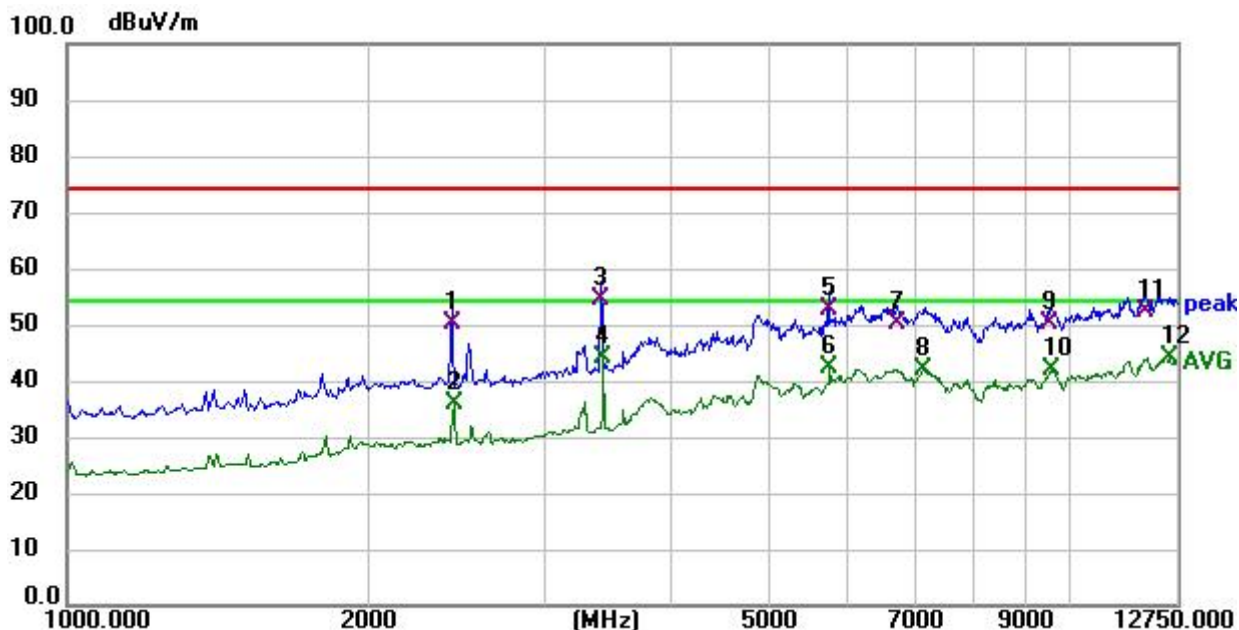
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1916.500	58.47	-12.92	45.55	74.00	-28.45	QP
2	1940.000	47.47	-12.75	34.72	54.00	-19.28	AVG
3	2421.750	46.33	-11.68	34.65	54.00	-19.35	AVG
4	2539.250	53.55	-11.29	42.26	74.00	-31.74	QP
5	3197.250	54.53	-9.03	45.50	74.00	-28.50	QP
6	3244.250	44.93	-9.26	35.67	54.00	-18.33	AVG
7	4548.500	56.19	-5.81	50.38	74.00	-23.62	QP
8	4889.250	45.76	-4.69	41.07	54.00	-12.93	AVG
9	6593.000	52.21	-1.43	50.78	74.00	-23.22	QP
10 *	7145.250	41.72	0.90	42.62	54.00	-11.38	AVG
11	9530.500	48.54	1.91	50.45	74.00	-23.55	QP
12	9577.500	39.98	2.18	42.16	54.00	-11.84	AVG

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J3400
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Horizontal
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1951.750	56.50	-12.69	43.81	74.00	-30.19	QP
2	1951.750	47.67	-12.69	34.98	54.00	-19.02	AVG
3	2410.000	53.21	-11.56	41.65	74.00	-32.35	QP
4	2421.750	42.63	-11.68	30.95	54.00	-23.05	AVG
5	4877.500	52.63	-4.70	47.93	74.00	-26.07	QP
6	4889.250	44.80	-4.69	40.11	54.00	-13.89	AVG
7	7145.250	40.83	0.90	41.73	54.00	-12.27	AVG
8	7157.000	49.46	0.81	50.27	74.00	-23.73	QP
9	9577.500	38.96	2.18	41.14	54.00	-12.86	AVG
10	10165.000	46.91	2.38	49.29	74.00	-24.71	QP
11	12444.500	47.28	4.77	52.05	74.00	-21.95	QP
12 *	12538.500	38.23	5.16	43.39	54.00	-10.61	AVG

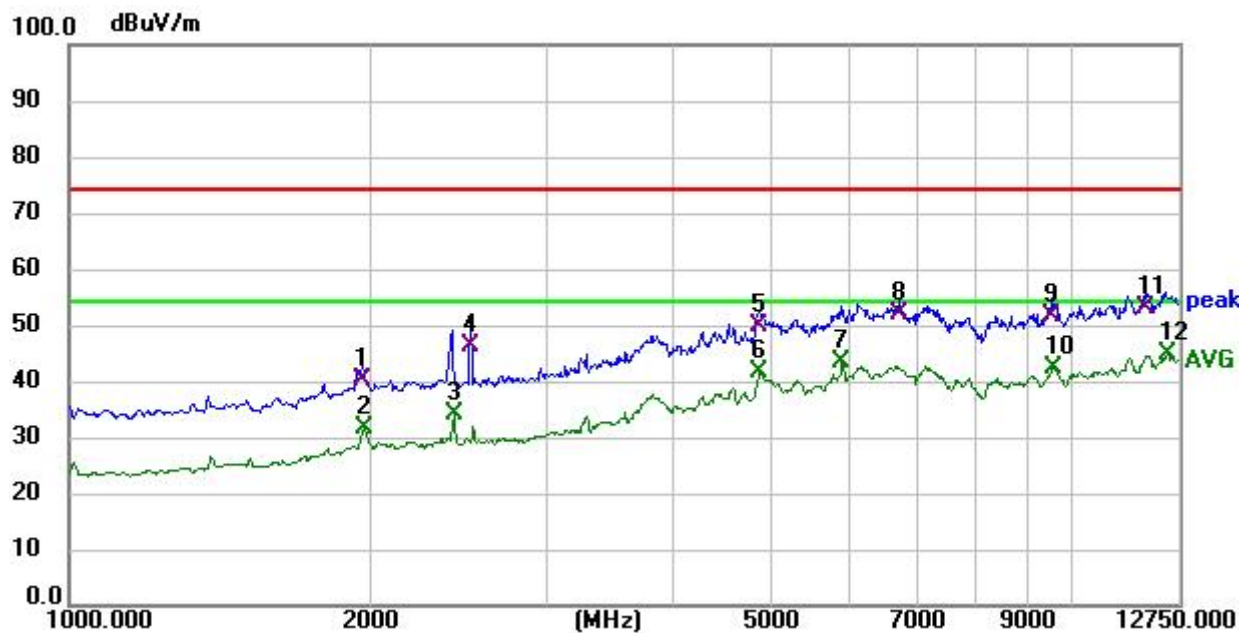
M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J1772
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Vertical
Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2421.750	61.87	-11.68	50.19	74.00	-23.81	QP
2	2433.500	47.58	-11.80	35.78	54.00	-18.22	AVG
3	3408.750	62.97	-8.45	54.52	74.00	-19.48	QP
4	3420.500	52.46	-8.37	44.09	54.00	-9.91	AVG
5	5747.000	55.82	-3.08	52.74	74.00	-21.26	QP
6	5758.750	45.25	-2.98	42.27	54.00	-11.73	AVG
7	6734.000	50.95	-0.70	50.25	74.00	-23.75	QP
8	7145.250	41.24	0.90	42.14	54.00	-11.86	AVG
9	9554.000	47.90	2.17	50.07	74.00	-23.93	QP
10	9565.750	39.67	2.17	41.84	54.00	-12.16	AVG
11	11892.250	48.27	4.06	52.33	74.00	-21.67	QP
12 *	12538.500	38.98	5.16	44.14	54.00	-9.86	AVG

M/N : JNT-EVL007/48AC/01C/BK/RF/WF
Connector Type : J1772
Operation Mode : Mode 1
Test Voltage : AC 240V/60Hz
Test Specification : Horizontal

Temperature (°C) : 26 Relative Humidity (%) : 54 Atmospheric Pressure(mbar) : 1015



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1963.500	52.75	-12.74	40.01	74.00	-33.99	QP
2	1975.250	44.30	-12.80	31.50	54.00	-22.50	AVG
3	2421.750	45.63	-11.68	33.95	54.00	-20.05	AVG
4	2515.750	57.75	-11.34	46.41	74.00	-27.59	QP
5	4877.500	54.39	-4.70	49.69	74.00	-24.31	QP
6	4877.500	46.17	-4.70	41.47	54.00	-12.53	AVG
7	5888.000	45.81	-2.39	43.42	54.00	-10.58	AVG
8	6734.000	52.69	-0.70	51.99	74.00	-22.01	QP
9	9554.000	49.48	2.17	51.65	74.00	-22.35	QP
10	9589.250	40.19	2.17	42.36	54.00	-11.64	AVG
11	11868.750	48.99	4.11	53.10	74.00	-20.90	QP
12 *	12432.750	39.99	4.69	44.68	54.00	-9.32	AVG

5. PHOTOGRAPHS OF TEST SET-UP

Remark: Reference to the appendix I for details.

6. PHOTOGRAPHS OF THE EUT

Remark: Reference to the appendix II for details.

*** the end of report ***