

FCC Test Report

FCC ID: QISADAPTER-2000B

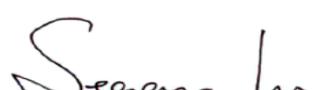
This report concerns (check one): Original Grant Class I Change Class II Change

Project No. : 1603C306
Equipment : Huawei PV USB Adapter
Model Name : USB-Adapter2000-B
Applicant : Huawei Technologies Co., Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

Date of Receipt : Mar. 24, 2016
Date of Test : Mar. 24, 2016 ~ Apr. 18, 2016
Issued Date : Apr. 21, 2016
Tested by : BTL Inc.

Testing Engineer : 
(Bill Zhang)

Technical Manager : 
(James Chiu)

Authorized Signatory : 
(Steven Lu)

B T L I N C .

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Declaration

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BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCE-1-1603C306	Original Issue.	Apr. 21, 2016

1. CERTIFICATION

Equipment : Huawei PV USB Adapter
Brand Name : HUAWEI
Model Name : USB-Adapter2000-B
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District Shenzhen China
Factory : HUAWEI MACHINE CO., LTD
Address : NO.2 New City Avenue Songshan Hu Science & Technology Industrial Park,
Dongguan, Guangdong, People's Republic of China.
Date of Test : Mar. 24, 2016 ~ Apr. 18, 2016
Test Sample : Engineering Sample
Standard(s) : FCC Part 15, Subpart B
ANSI C63.4-2014

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1603C306) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B ANSI C63.4-2014	Conducted Emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	NOTE (2)

NOTE:

- (1) " N/A" denotes test is not applicable to this device.
- (2) The EUT's max operating frequency exceeds 108 MHz, so the test will be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-C02	CISPR	150 kHz ~ 30MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB08 (3m)	CISPR	30MHz ~ 200MHz	V	4.68
		30MHz ~ 200MHz	H	4.68
		200MHz ~ 1,000MHz	V	4.90
		200MHz ~ 1,000MHz	H	4.90

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB08 (3m)	CISPR	1 ~ 6 GHz	4.26
		6 ~18 GHz	5.30

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Huawei PV USB Adapter
Brand Name	HUAWEI
Model Name	USB-Adapter2000-B
Model Difference	N/A
Power Source	Supplied from System.
Power Rating	DC 5V

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

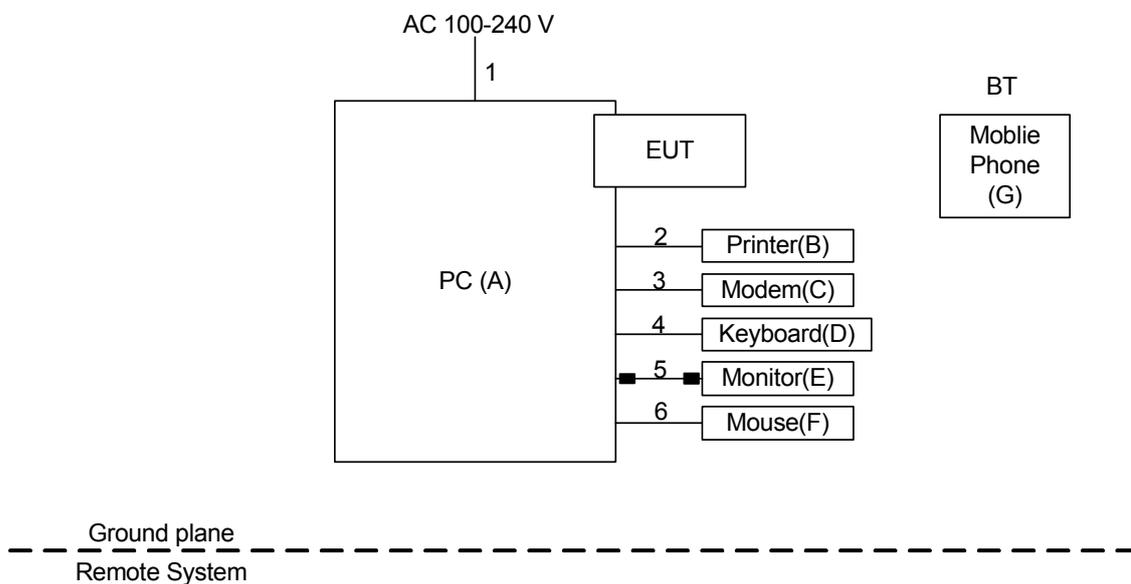
Pretest Mode	Description
1	BT

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
1	BT

For Radiated Test	
Final Test Mode	Description
1	BT

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	PC	DELL	DCSLF	DOC	G76WC2X
B	Printer	SII	DPU-414	DOC	3018507 B
C	Modem	ACEEX	DM-1414V	DOC	0603002131
D	Keyboard	Dell	L100	DOC	CNORH6596589071T0 8NE
E	Monitor	DELL	E177FPC	DOC	CN-OFJ79-64180-763-0 TKS
F	Mouse	Dell	MO56UOA	DOC	FQJ000BS
G	Moblle Phone	HUAWEI	LUA-L13	DOC	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	AC cable
2	YES	NO	1.5m	Parallel cable
3	YES	NO	1.5m	RS232 cable
4	YES	NO	1.8m	USB cable
5	YES	YES	1.8m	D-SUB cable
6	YES	NO	1.8m	USB cable

Note:

- (1) For detachable type I/O cable should be specified the length in m in 『Length』 column.

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCY RANGE 150KHZ-30MHZ)

FREQUENCY (MHz)	Class A (dBuV)		Class (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79 00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

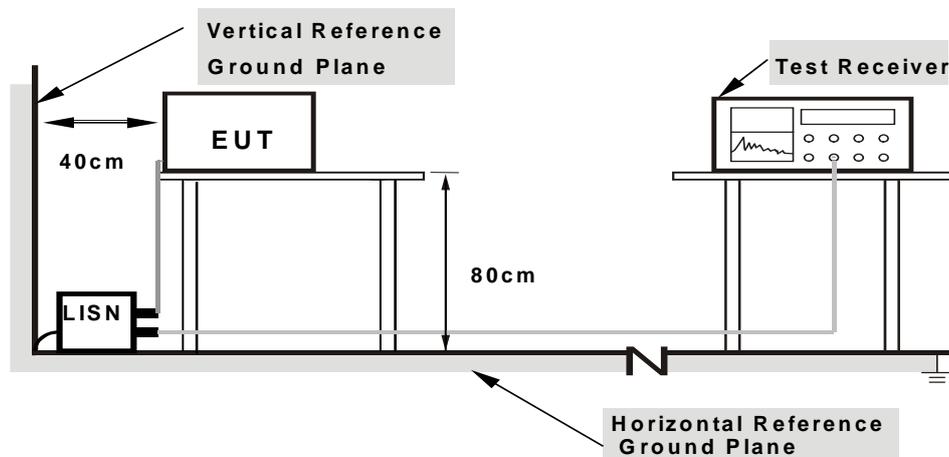
4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled 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.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



- Note:**
1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

4.1.5 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

4.1.6 TEST RESULTS

Please refer to the Attachment A.

Temperature: 25°C Relative Humidity: 53%

Remark

- (1) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	Class A (at 10m)		Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength	(uV/m) Field strength	(dBuV/m) Field strength
30 - 88	90	39	100	40
88 - 216	150	43.5	150	43.5
216 - 960	210	46.4	200	46
Above 960	300	49.5	500	54

CISPR 22 or CAN/CSA-CISPR 22-10:

Frequency (MHz)	Class A (at 10m)		Class B (at 10m)	
	dBuV/m		dBuV/m	
30 - 230	40		30	
230 - 1000	47		37	

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	Class A				Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	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

NOTE:

- (1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
- (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

4.2.2 TEST PROCEDURE

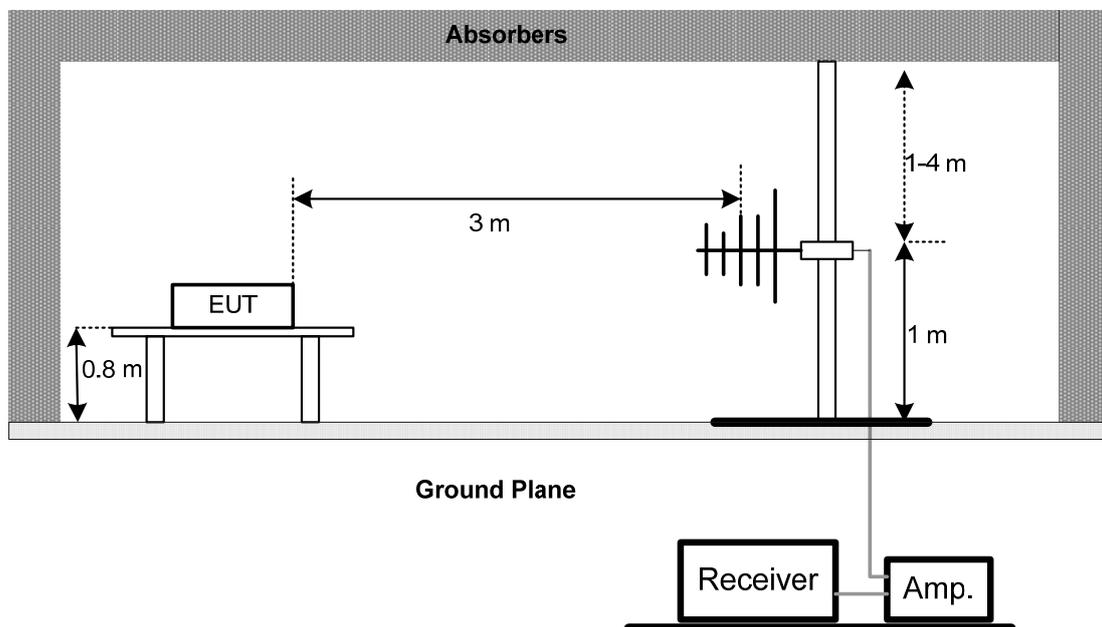
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

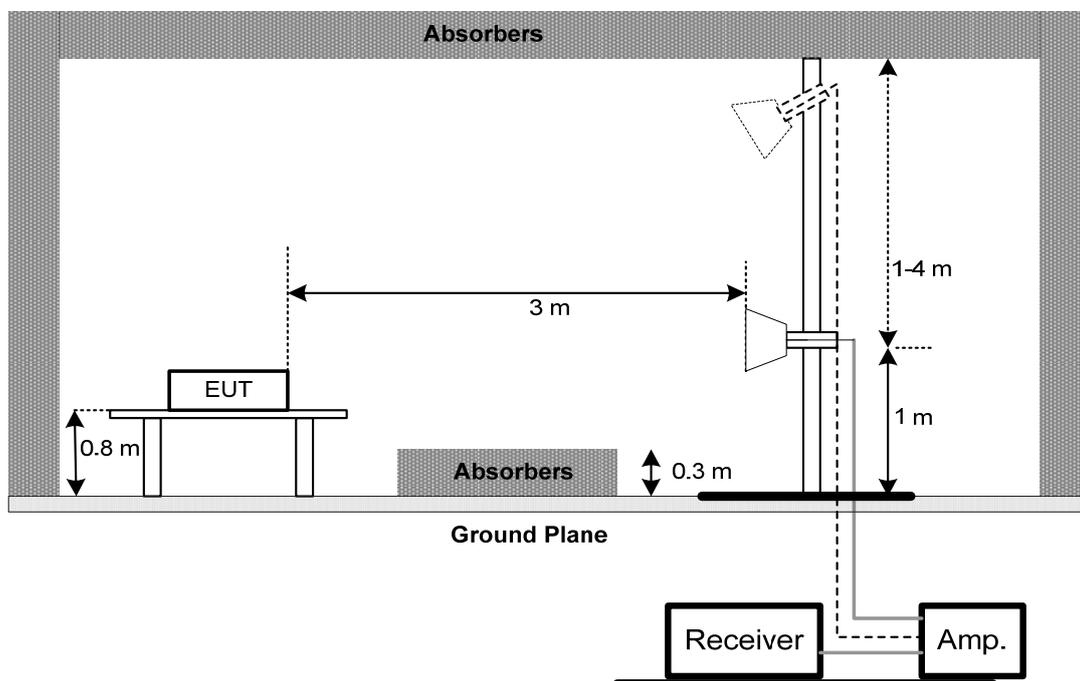
No deviation

4.2.4 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency 1 GHz-18GHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 TEST RESULTS (30 TO 1000 MHZ)

Please refer to the Attachment B.

Temperature: 24°C Relative Humidity: 52%

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz.
- (3) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

4.2.7 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment C.

Temperature: 24°C Relative Humidity: 52%

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission.
- (3) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (4) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

5. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30M Hz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	EMCO	3142C	00066462	Mar. 27, 2017
2	Antenna	EMCO	3142C	00066464	Mar. 27, 2017
3	Amplifier	Agilent	8447D	2944A11203	Oct. 11, 2016
4	Amplifier	Agilent	8447D	2944A11204	Oct. 11, 2016
5	Spectrum Analyzer	Agilent	E4443A	MY48250370	Oct. 11, 2016
6	RF Pre-selector	Agilent	N9039A	MY46520201	Oct. 11, 2016
7	Test Cable	emci	LMR-400 (30MHz-1GHz)	C-23	Dec.31, 2016
8	Test Cable	emci	LMR-400 (30MHz-1GHz)	C-22	Dec.31, 2016
9	Receiver	Agilent	N9038A	MY53220133	Jun. 24. 2016
10	Multi-Device Controller	ETS-Lindgren	2090	N/A	N/A
11	Horn Antenna	EMCO	3115	9605-4803	Mar. 27, 2017
12	Amplifier	Agilent	8449B	3008A02584	Oct. 11, 2016
13	Test Cable	emci	SUCOFLEX_15m_5m(0.01GHz – 26.5GHz)	C-15/C-39	Jun. 04, 2016
14	Multi-Device Controller	ETS-Lindgren	2090	N/A	N/A
15	Position Control	MF	MF-7802	MF780208159	N/A
16	Test Cable	emci	SUCOFLEX 102_8m(0.01GHz – 40GHz)	C-38	Mar. 27, 2017
17	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	N/A	N/A

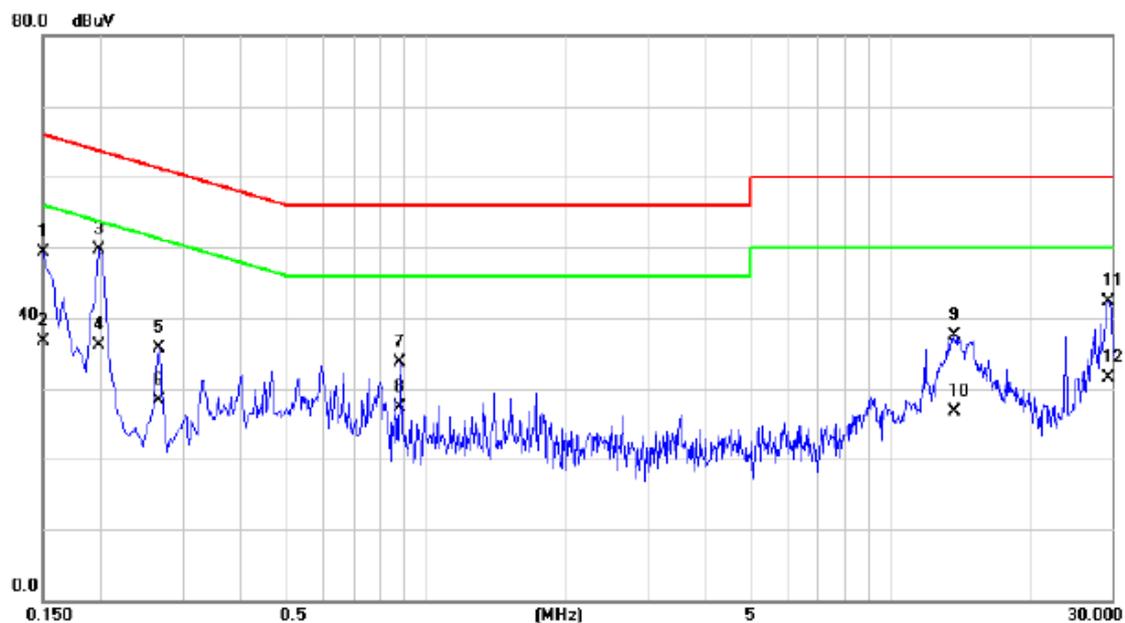
Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

ATTACHMENT A - CONDUCTED EMISSION

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

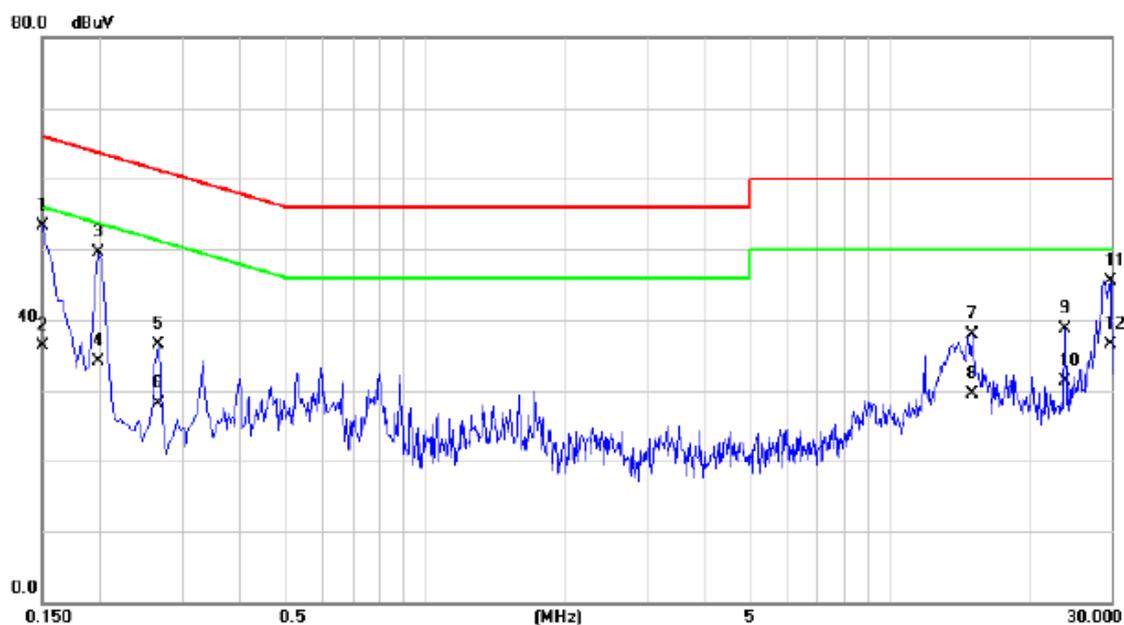
Phase: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1500	39.76	9.52	49.28	66.00	-16.72	QP	
2		0.1500	27.20	9.52	36.72	56.00	-19.28	AVG	
3	*	0.1980	40.08	9.56	49.64	63.69	-14.05	QP	
4		0.1980	26.50	9.56	36.06	53.69	-17.63	AVG	
5		0.2660	26.03	9.61	35.64	61.24	-25.60	QP	
6		0.2660	18.60	9.61	28.21	51.24	-23.03	AVG	
7		0.8820	23.84	9.77	33.61	56.00	-22.39	QP	
8		0.8820	17.60	9.77	27.37	46.00	-18.63	AVG	
9		13.7660	27.57	9.84	37.41	60.00	-22.59	QP	
10		13.7660	16.80	9.84	26.64	50.00	-23.36	AVG	
11		29.3900	32.28	10.06	42.34	60.00	-17.66	QP	
12		29.3900	21.50	10.06	31.56	50.00	-18.44	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

Phase: Neutral

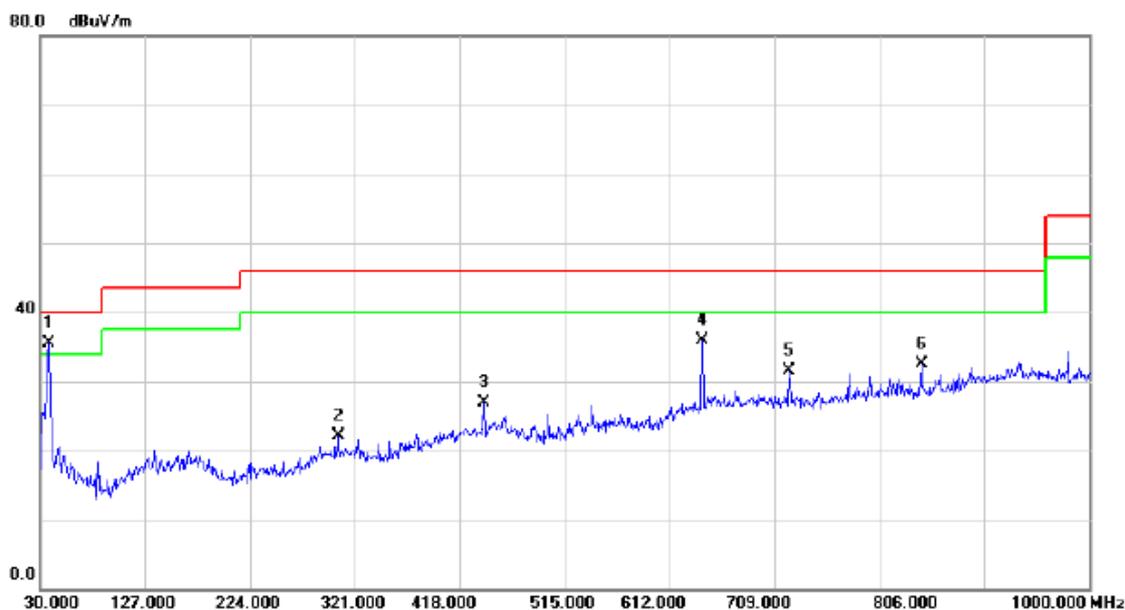


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	43.80	9.47	53.27	66.00	-12.73	QP	
2		0.1500	26.80	9.47	36.27	56.00	-19.73	AVG	
3		0.1980	40.06	9.49	49.55	63.69	-14.14	QP	
4		0.1980	24.70	9.49	34.19	53.69	-19.50	AVG	
5		0.2660	26.95	9.50	36.45	61.24	-24.79	QP	
6		0.2660	18.70	9.50	28.20	51.24	-23.04	AVG	
7		15.0140	27.96	9.92	37.88	60.00	-22.12	QP	
8		15.0140	19.50	9.92	29.42	50.00	-20.58	AVG	
9		23.8020	28.76	10.00	38.76	60.00	-21.24	QP	
10		23.8020	21.40	10.00	31.40	50.00	-18.60	AVG	
11		29.9660	35.46	10.06	45.52	60.00	-14.48	QP	
12		29.9660	26.40	10.06	36.46	50.00	-13.54	AVG	

ATTACHMENT B - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

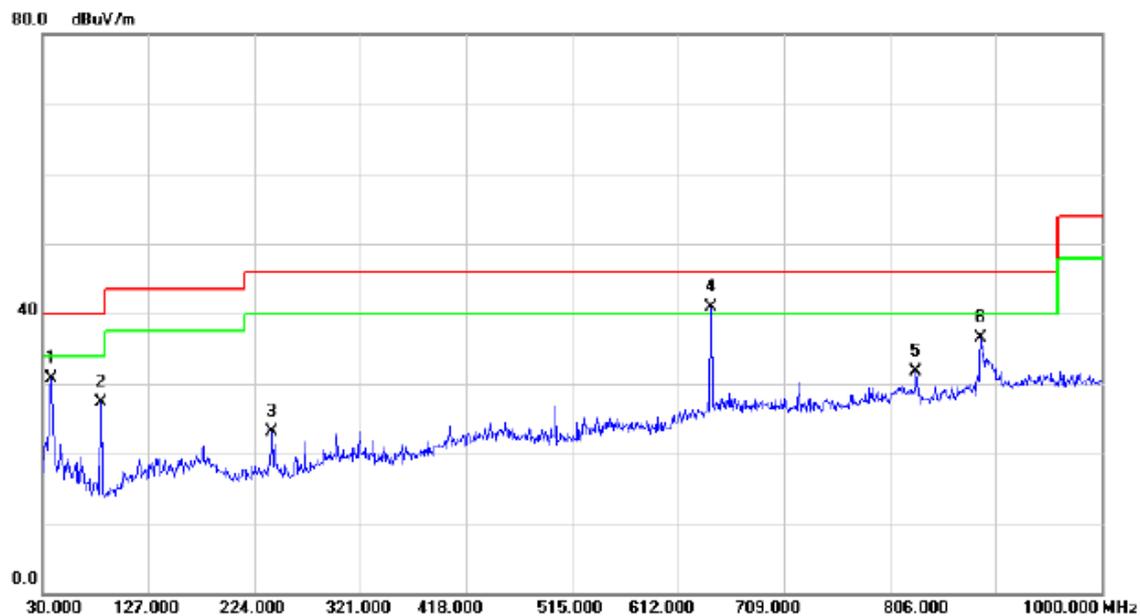
Polarization: Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	37.7600	48.53	-13.05	35.48	40.00	-4.52	QP	
2		305.4800	32.68	-10.55	22.13	46.00	-23.87	QP	
3		440.3100	35.00	-8.03	26.97	46.00	-19.03	QP	
4		642.0700	40.31	-4.35	35.96	46.00	-10.04	QP	
5		722.5800	33.64	-2.05	31.59	46.00	-14.41	QP	
6		844.8000	32.76	-0.23	32.53	46.00	-13.47	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

Polarization: Horizontal

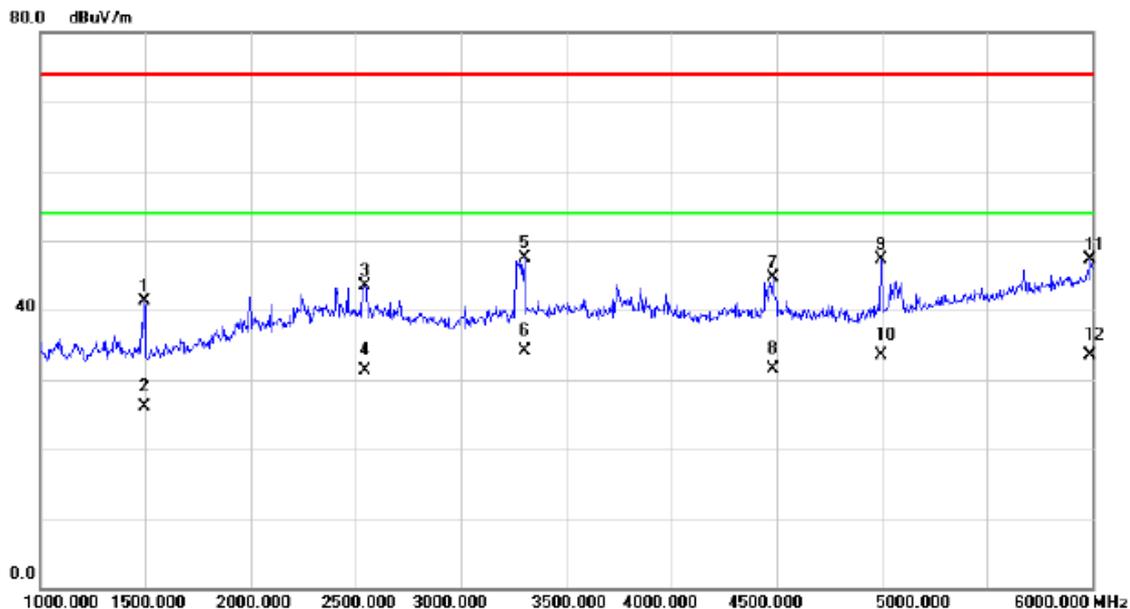


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		37.7600	43.50	-12.88	30.62	40.00	-9.38	QP	
2		83.3500	46.01	-18.64	27.37	40.00	-12.63	QP	
3		240.4900	36.60	-13.51	23.09	46.00	-22.91	QP	
4	*	642.0700	45.29	-4.36	40.93	46.00	-5.07	QP	
5		830.2500	32.45	-0.66	31.79	46.00	-14.21	QP	
6		889.4200	35.65	0.86	36.51	46.00	-9.49	QP	

ATTACHMENT C - RADIATED EMISSION (ABOVE 1000MHZ)

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

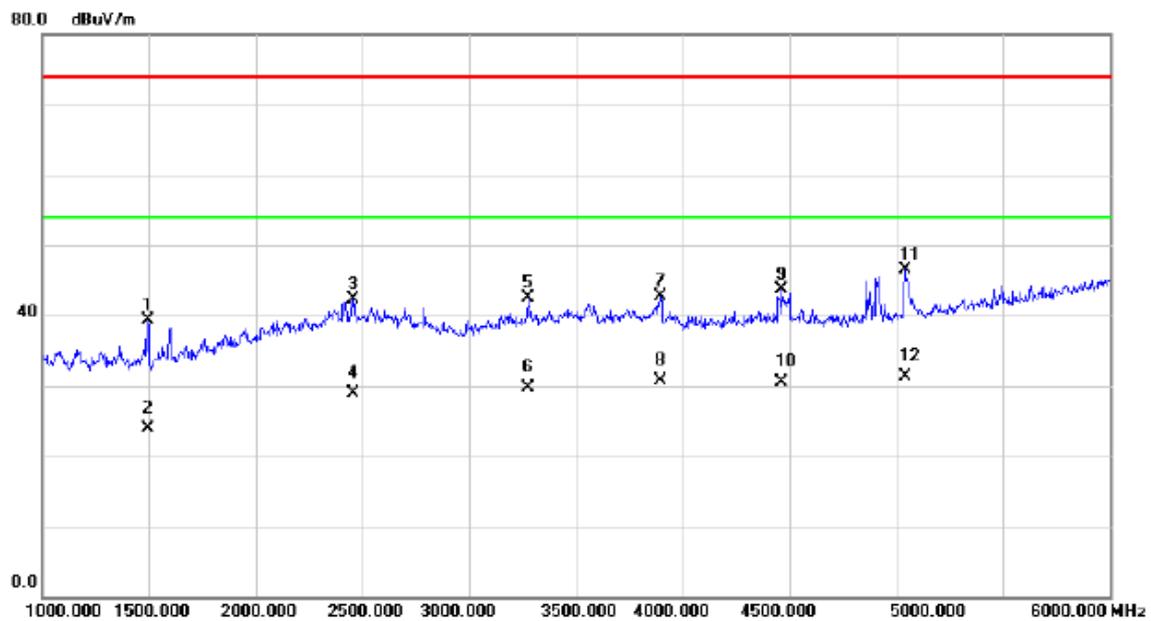
Polarization: Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1495.000	49.91	-8.67	41.24	74.00	-32.76	peak	
2		1495.000	34.85	-8.67	26.18	54.00	-27.82	AVG	
3		2540.000	48.80	-5.25	43.55	74.00	-30.45	peak	
4		2540.000	36.46	-5.25	31.21	54.00	-22.79	AVG	
5		3300.000	51.09	-3.55	47.54	74.00	-26.46	peak	
6	*	3300.000	37.66	-3.55	34.11	54.00	-19.89	AVG	
7		4480.000	46.22	-1.52	44.70	74.00	-29.30	peak	
8		4480.000	32.94	-1.52	31.42	54.00	-22.58	AVG	
9		4995.000	47.60	-0.36	47.24	74.00	-26.76	peak	
10		4995.000	33.88	-0.36	33.52	54.00	-20.48	AVG	
11		5990.000	45.96	1.37	47.33	74.00	-26.67	peak	
12		5990.000	32.10	1.37	33.47	54.00	-20.53	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

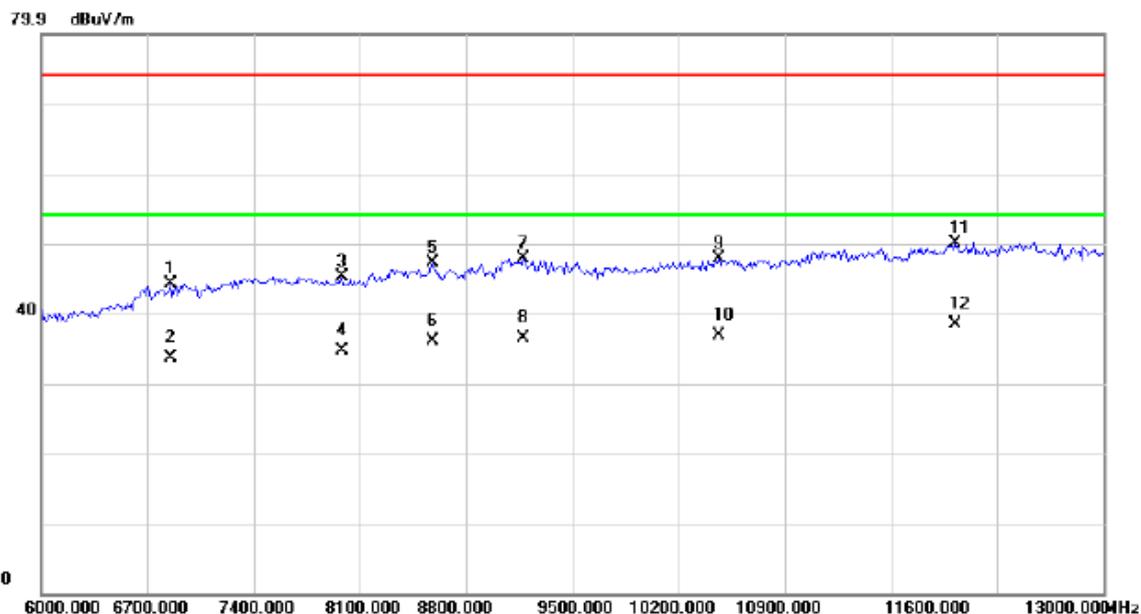
Polarization: Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1495.000	47.92	-8.67	39.25	74.00	-34.75	peak	
2	1495.000	32.55	-8.67	23.88	54.00	-30.12	AVG	
3	2455.000	47.80	-5.53	42.27	74.00	-31.73	peak	
4	2455.000	34.53	-5.53	29.00	54.00	-25.00	AVG	
5	3275.000	46.05	-3.59	42.46	74.00	-31.54	peak	
6	3275.000	33.22	-3.59	29.63	54.00	-24.37	AVG	
7	3895.000	44.61	-1.95	42.66	74.00	-31.34	peak	
8	3895.000	32.56	-1.95	30.61	54.00	-23.39	AVG	
9	4465.000	45.28	-1.53	43.75	74.00	-30.25	peak	
10	4465.000	32.06	-1.53	30.53	54.00	-23.47	AVG	
11	5040.000	46.81	-0.33	46.48	74.00	-27.52	peak	
12 *	5040.000	31.61	-0.33	31.28	54.00	-22.72	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

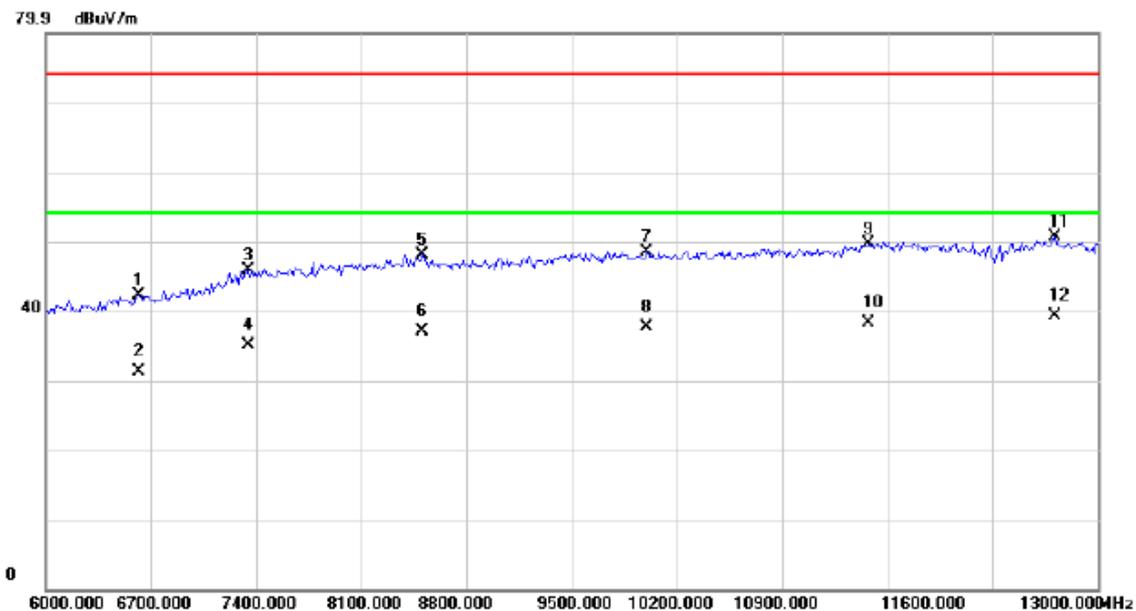
Polarization: Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6852.487	41.16	2.96	44.12	74.00	-29.88	peak	
2	6852.487	30.61	2.96	33.57	54.00	-20.43	AVG	
3	7981.132	41.15	4.09	45.24	74.00	-28.76	peak	
4	7981.132	30.58	4.09	34.67	54.00	-19.33	AVG	
5	8581.475	42.67	4.49	47.16	74.00	-26.84	peak	
6	8581.475	31.61	4.49	36.10	54.00	-17.90	AVG	
7	9181.818	42.47	5.29	47.76	74.00	-26.24	peak	
8	9181.818	31.08	5.29	36.37	54.00	-17.63	AVG	
9	10466.55	42.56	5.16	47.72	74.00	-26.28	peak	
10	10466.55	31.72	5.16	36.88	54.00	-17.12	AVG	
11	12027.44	42.61	7.38	49.99	74.00	-24.01	peak	
12 *	12027.44	31.09	7.38	38.47	54.00	-15.53	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	BT

Polarization: Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		6624.357	39.96	2.19	42.15	74.00	-31.85	peak	
2		6624.357	28.94	2.19	31.13	54.00	-22.87	AVG	
3		7344.768	42.17	3.71	45.88	74.00	-28.12	peak	
4		7344.768	31.20	3.71	34.91	54.00	-19.09	AVG	
5		8509.434	43.73	4.37	48.10	74.00	-25.90	peak	
6		8509.434	32.64	4.37	37.01	54.00	-16.99	AVG	
7		9998.285	43.10	5.30	48.40	74.00	-25.60	peak	
8		9998.285	32.25	5.30	37.55	54.00	-16.45	AVG	
9		11475.12	42.56	7.13	49.69	74.00	-24.31	peak	
10		11475.12	31.05	7.13	38.18	54.00	-15.82	AVG	
11		12711.83	43.64	6.96	50.60	74.00	-23.40	peak	
12	*	12711.83	32.17	6.96	39.13	54.00	-14.87	AVG	