

RF TEST REPORT

Test item : Wireless Charger
Model No. : WCD-101
Order No. : DTNC1409-03767
Date of receipt : 2014-09-01
Test duration : 2014-09-11 ~ 2014-09-15
Date of issue : 2014-09-16
Use of report : FCC Original Grant

Applicant : LG Electronics USA.
1000 Sylvan Avenue Englewood Cliffs, New Jersey, United States

Test laboratory : DT&C Co., Ltd.
42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do,
Korea 449-935

Test specification : FCC Part 15 Subpart C
Test environment : See appended test report
Test result : ☒ Pass ☐ Fail

The test results presented in this test report are limited only to the sample supplied by applicant and the use of this test report is inhibited other than its purpose. This test report shall not be reproduced except in full, without the written approval of DT&C Co., Ltd.

Tested by:



Engineer
JaeJin Lee

Reviewed by:



General Manager
Geunki Son

Test Report Version

Test Report No.	Date	Description
DRTFCC1409-1169	Sep. 16, 2014	Initial issue

CONTENTS

1. Equipment information.....	4
1.1 Equipment description.....	4
1.2 Support equipments	4
2. Information about test items.....	5
2.1 Test mode.....	5
2.2 Tested environment	5
2.3 EMI Suppression Device(s)/Modifications	5
3. FACILITIES AND ACCREDITATIONS.....	6
3.1 FACILITIES	6
3.2 EQUIPMENT	6
4. Test Report.....	7
4.1 Summary of tests	7
4.2 Transmitter requirements.....	8
4.2.1 20dB Bandwidth.....	8
4.2.2 Radiated Emissions	9
4.2.3 AC Line Conducted Emissions	11
APPENDIX I	22

1. Equipment information

1.1 Equipment description

FCC Equipment Class	Part 15 Low Power Transmitter Below 1705kHz (DCD)
Equipment type	Wireless Charger
Equipment model name	WCD-101
Equipment add model name	N/A
Equipment serial no.	Identical prototype
Frequency band	110 ~ 205kHz
Output power	Max : 5 W
Power	AC 120V 60Hz
Antenna type	Coil Antenna(single coil)

1.2 Support equipments

Equipment	Model No.	Serial No.	Manufacturer	Note
Client Device	bq51013BEVM-764	N/A	Texas Instruments	-
Mobile Phone	LG-D855	405KPGS001199	LG	FCC ID : ZNFD855
Travel Adapter	MCS-04WD2	DA450001139	DONGDO	-

Note: The above equipments were supported by manufacturer.

2. Information about test items

2.1 Test mode

This device has been tested with the below test modes and charging current conditions:

Charging Current	Support Equipment
300mA	Client Device(M/N: bq51013BEVM-764
600mA	
1000mA(Max)	
@ < 1% battery status	Mobile Phone(M/N: LG-D855)
@ 50% battery status	

2.2 Tested environment

Temperature	: 22 ~ 24 °C
Relative humidity content	: 46 ~ 49 % R.H.
Details of power supply	: AC 120V 60Hz

2.3 EMI Suppression Device(s)/Modifications

EMI suppression device(s) added and/or modifications made during testing
→ None

3. FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

The semi anechoic chamber and conducted measurement facility used to collect the radiated and conducted test data are located at the 38, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 449-935. The site is constructed in conformance with the requirements.

- Semi anechoic chamber registration Number: 678747

3.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of antennas: loop, tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide horn. Spectrum analyzers with pre-selectors and peak, quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers. Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

4. Test Report

4.1 Summary of tests

FCC Part Section(s)	RSS Section(s)	Parameter	Limit	Test Condition	Status Note 1
Test Items					
2.1049	NA	20 dB Bandwidth	NA	Radiated	C
15.209	RSS-Gen [7.2.5]	Radiated Emission	FCC 15.209 limits		C
15.207	RSS-Gen [7.2.4]	AC Conducted Emissions	FCC 15.207 limits	AC Line Conducted	C
Note 1: C=Comply NC=Not Comply NT=Not Tested NA=Not Applicable					

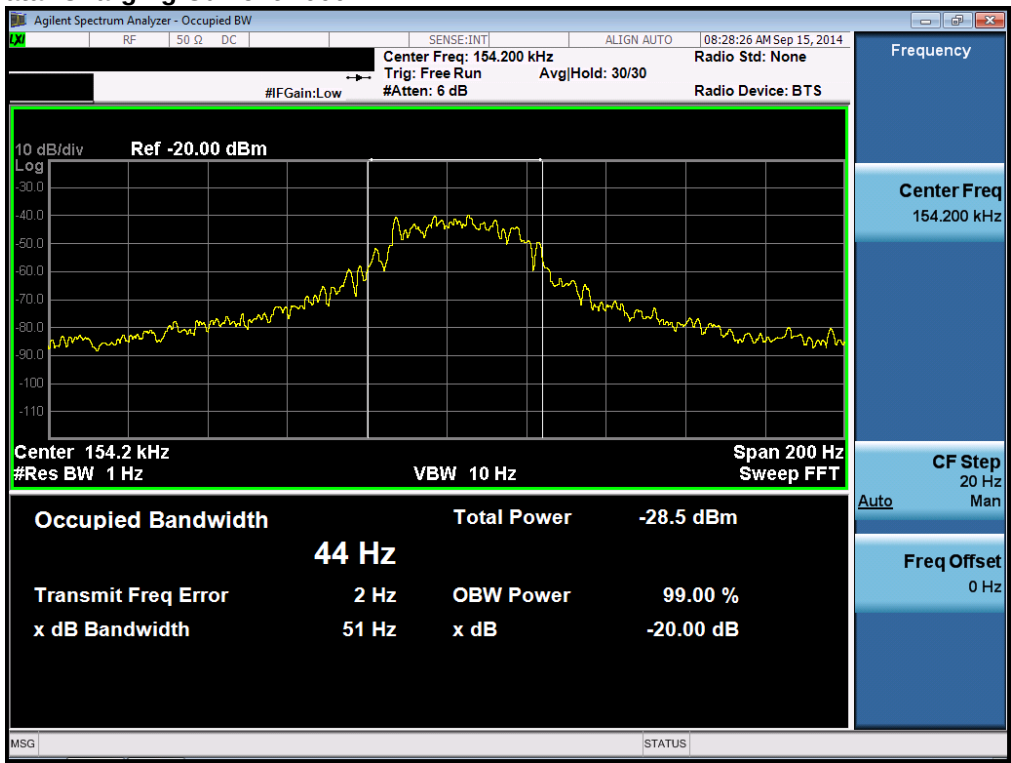
The sample was tested according to the following specification:
ANSI C-63.4 2009

4.2 Transmitter requirements

4.2.1 20dB Bandwidth

- **Procedure:**
The 20 dB bandwidth is measured with a spectrum analyzer connected via a receiving antenna placed near the EUT while the EUT is operating.

- **Measurement Data: Charging Current 1000 mA**



4.2.2 Radiated Emissions

- Limit: FCC Part 15.209(a) & RSS-GEN, section 7.2.5

Frequency [MHz]	Field Strength [uV/m]	Measurement Distance [Meters]
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88MHz, 174-216MHz or 470-806MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

- Procedure: ANSI C63.4 2009

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
2. During performing radiated emission below 1 GHz, the EUT was set 3 meters away from the interference receiving antenna, which was mounted on the top of a variable-height antenna tower. During performing radiated emission above 1 GHz, the EUT was set 3 meter away from the interference-receiving antenna.
3. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

- Measurement Data: **Comply** (refer to the next page)

- Measurement Data:Measurement Distance : **3 Meters**

Charging Current	Note.1	Freq. [MHz]	Det. Mode	ANT Pol.	Reading [dBuV]	T.F [dB/m]	D.C.F.	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
300mA	F	0.160	PK	V	64.09	19.26	80	3.35	23.52	20.17
	S	0.470	PK	V	42.13	19.13	80	-18.74	14.16	32.90
	S	0.785	PK	V	27.67	19.20	40	6.87	29.71	22.84
	S	46.729	QP	V	38.00	-9.52	0	28.48	40.00	11.52
	S	49.400	QP	V	38.70	-12.44	0	26.26	40.00	13.74
	-	-	-	-	-	-	-	-	-	-
600mA	F	0.155	PK	V	64.40	19.26	80	3.66	23.80	20.14
	S	0.470	PK	V	42.18	19.13	80	-18.69	14.16	32.85
	S	0.785	PK	V	33.43	19.20	40	12.63	29.71	17.08
	S	46.050	QP	V	41.30	-8.78	0	32.52	40.00	7.48
	S	91.610	QP	V	43.50	-12.02	0	31.48	43.50	12.02
	-	-	-	-	-	-	-	-	-	-
1000mA	F	0.155	PK	V	64.01	19.26	80	3.27	23.80	20.53
	S	0.465	PK	V	41.63	19.13	80	-19.24	14.26	33.50
	S	0.776	PK	V	33.24	19.20	40	12.44	29.81	17.37
	S	33.915	QP	V	30.10	-5.85	0	24.25	40.00	15.75
	S	46.430	QP	V	36.10	-9.20	0	26.90	40.00	13.10
	-	-	-	-	-	-	-	-	-	-
@ < 1% battery status	F	0.155	PK	V	54.17	19.26	80	-6.57	23.80	30.37
	S	0.460	PK	V	31.51	19.14	80	-29.35	14.35	43.70
	S	0.766	PK	V	24.39	19.20	40	3.59	29.92	26.33
	S	33.510	QP	V	26.90	-5.64	0	21.26	40.00	18.74
	S	46.790	QP	V	41.10	-9.59	0	31.51	40.00	8.49
	-	-	-	-	-	-	-	-	-	-
@ 50% battery status	F	0.160	PK	V	53.46	19.26	80	-7.28	23.52	30.80
	S	0.475	PK	V	31.35	19.12	80	-29.53	14.07	43.60
	S	0.790	PK	V	23.60	19.20	40	2.80	29.65	26.85
	S	46.470	QP	V	41.20	-9.24	0	31.96	40.00	8.04
	S	49.808	QP	V	38.10	-12.88	0	25.22	40.00	14.78
	-	-	-	-	-	-	-	-	-	-

Note 1. The worst case data were reported.

And no other spurious and harmonic emissions were reported greater than listed emissions above table.

Note 2. "F" = Fundamental / "S" = Spurious / "*" = Noise Floor**Note 3.** All measurements were recorded using a spectrum analyzer employing a peak detector for below 30MHz and a Quasi-peak detector for above 30MHz.**Note 2.** Both Vertical and Horizontal polarities of the receiver antenna were evaluated with the worst case emissions being reported. For 30MHz below the loop antenna was rotated about vertical axis.**Note 4.** Distance Correction Factor(D.C.F.)For 300m: $40 \times \log(300/3) = 80$ dB & For 30m: $40 \times \log(30/3) = 40$ dB**Note 5.** Sample calculation

T.F = AF + CL - AG

/ Field Strength = Reading + T.F - D.C.F.

Margin = Limit - Field Strength

Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain

D.C.F = Distance Correction Factor

4.2.3 AC Line Conducted Emissions

- Minimum Standard: FCC Part 15.207 & RSS-GEN Issue 3, section 7.2.4

Frequency Range (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 ~ 0.5	66 to 56 *	56 to 46 *
0.5 ~ 5	56	46
5 ~ 30	60	50

* Decreases with the logarithm of the frequency

- Procedure: ANSI C63.4 2009

1. The test procedure is performed in a 6.5 m × 3.5 m × 3.5 m (L × W × H) shielded room. The EUT along with its peripherals were placed on a 1.0 m (W) × 1.5 m (L) and 0.8 m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.
2. The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room.
3. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room.
4. The excess power cable between the EUT and the LISN was bundled. The power cables of peripherals were unbundled. All connecting cables of EUT and peripherals were moved to find the maximum emission.

- Measurement Data: Comply (refer to the next page)

- Measurement Data(Graph): 300mA

Results of Conducted Emission

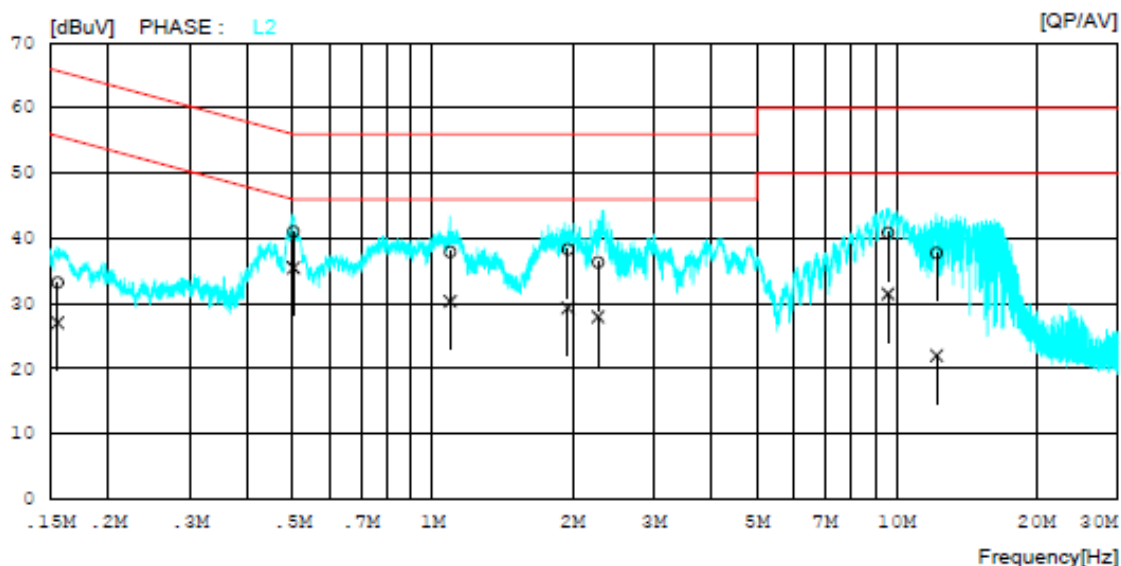
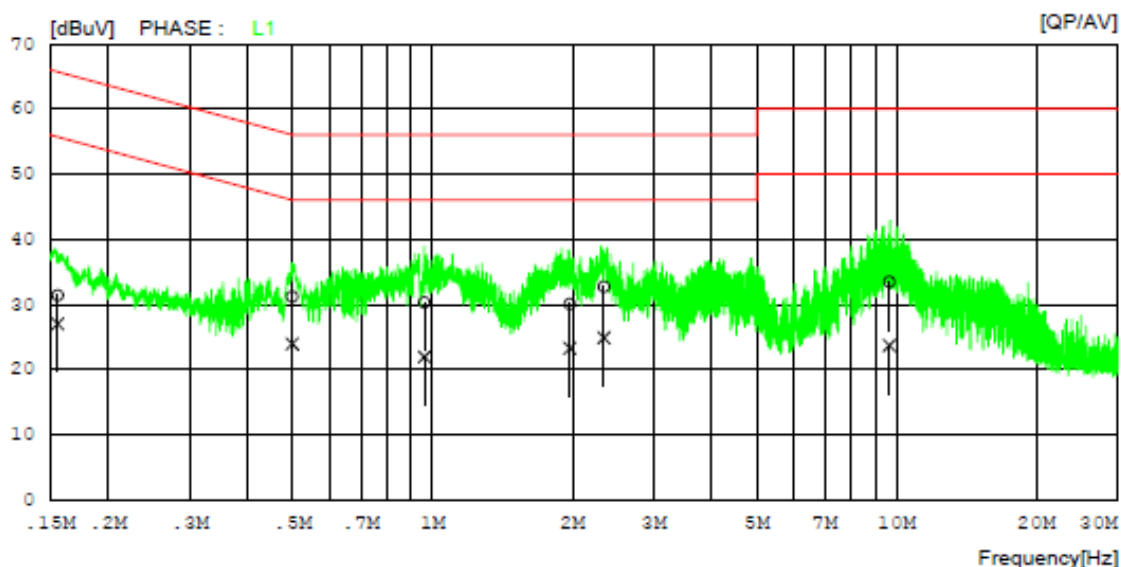
Date : 2014-09-12

Model No. : WCD-101
 Type :
 Serial No. : Identical prototype
 Test Condition : 300mA

Reference No. :
 Power Supply : 120 V 60 Hz
 Temp/Humi. : 23 °C 46 % R.H.
 Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
 FCC P15.207 AV



- Measurement Data(List): 300mA

Results of Conducted Emission

Date : 2014-09-12

Model No. : WCD-101
 Type :
 Serial No. : Identical prototype
 Test Condition : 300mA

Reference No. :
 Power Supply : 120 V 60 Hz
 Temp/Humi. : 23 °C 48 % R.H.
 Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
 FCC P15.207 AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.15563	21.1	16.7	10.3	31.4	27.0	65.7	55.7	34.3	28.7	L1
2	0.49815	21.0	13.8	10.2	31.2	24.0	56.0	46.0	24.8	22.0	L1
3	0.96028	20.1	11.7	10.2	30.3	21.9	56.0	46.0	25.7	24.1	L1
4	1.97660	19.9	13.1	10.2	30.1	23.3	56.0	46.0	25.9	22.7	L1
5	2.34000	22.5	14.7	10.2	32.7	24.9	56.0	46.0	23.3	21.1	L1
6	9.64520	23.0	13.2	10.5	33.5	23.7	60.0	50.0	26.5	26.3	L1
7	0.15566	22.9	16.8	10.3	33.2	27.1	65.7	55.7	32.5	28.6	L2
8	0.50150	30.8	25.3	10.2	41.0	35.5	56.0	46.0	15.0	10.5	L2
9	1.09140	27.7	20.1	10.2	37.9	30.3	56.0	46.0	18.1	15.7	L2
10	1.95760	28.1	19.1	10.2	38.3	29.3	56.0	46.0	17.7	16.7	L2
11	2.27280	26.1	17.8	10.2	36.3	28.0	56.0	46.0	19.7	18.0	L2
12	9.58120	30.3	21.0	10.5	40.8	31.5	60.0	50.0	19.2	18.5	L2
13	12.19500	27.1	11.4	10.6	37.7	22.0	60.0	50.0	22.3	28.0	L2

- Measurement Data(Graph): 600mA

Results of Conducted Emission

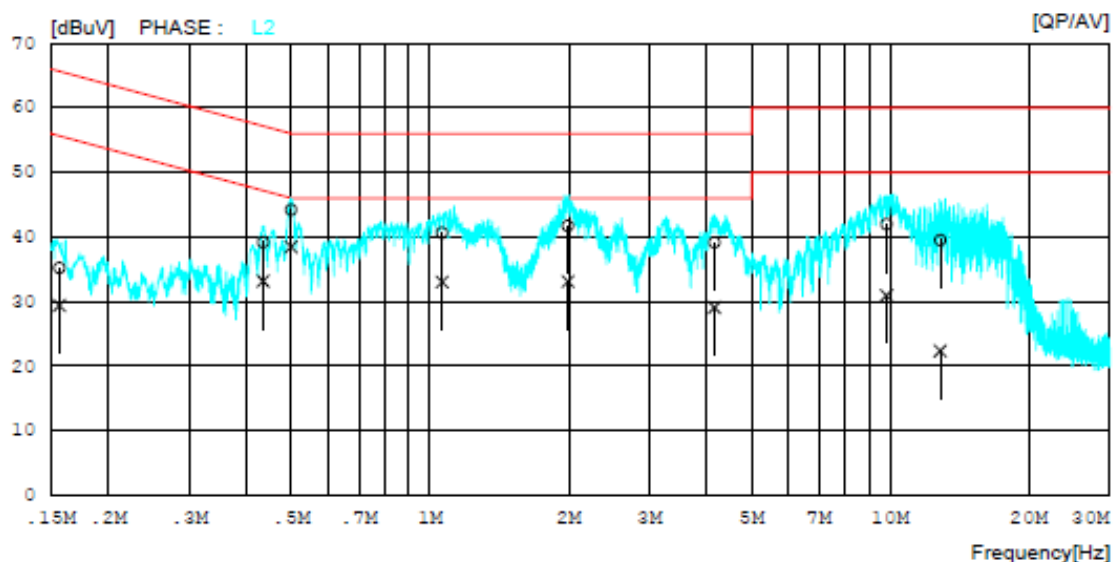
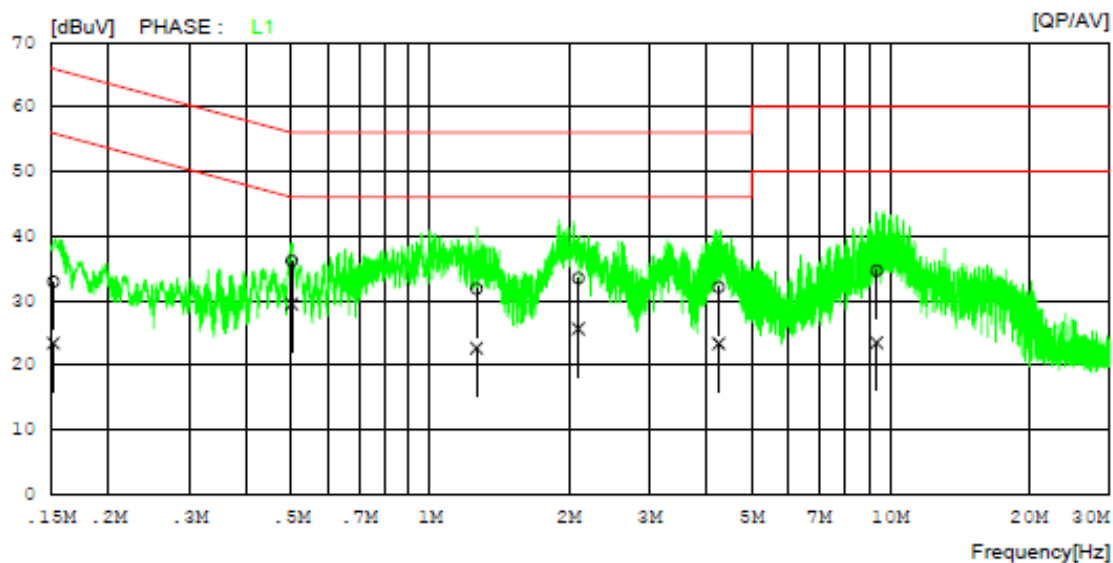
Date : 2014-09-12

Model No. : WCD-101
Type :
Serial No. : Identical prototype
Test Condition : 600mA

Reference No. :
Power Supply : 120 V 60 Hz
Temp/Humi. : 23 °C 46 % R.H.
Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
FCC P15.207 AV



- Measurement Data(List): 600mA

Results of Conducted Emission

Date : 2014-09-12

Model No. : WCD-101
Type :
Serial No. : Identical prototype
Test Condition : 600mA

Reference No. :
Power Supply : 120 V 60 Hz
Temp/Humi. : 23 °C 48 % R.H.
Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
FCC P15.207 AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.15191	22.6	13.1	10.3	32.9	23.4	65.9	55.9	33.0	32.5	L1
2	0.50047	25.9	19.3	10.2	36.1	29.5	56.0	46.0	19.9	16.5	L1
3	1.26220	21.6	12.4	10.2	31.8	22.6	56.0	46.0	24.2	23.4	L1
4	2.10160	23.3	15.4	10.2	33.5	25.6	56.0	46.0	22.5	20.4	L1
5	4.23940	21.8	13.0	10.3	32.1	23.3	56.0	46.0	23.9	22.7	L1
6	9.34800	24.1	13.0	10.5	34.6	23.5	60.0	50.0	25.4	26.5	L1
7	0.15644	24.9	19.1	10.3	35.2	29.4	65.7	55.7	30.5	26.3	L2
8	0.43369	29.0	23.0	10.2	39.2	33.2	57.2	47.2	18.0	14.0	L2
9	0.49886	34.0	28.2	10.2	44.2	38.4	56.0	46.0	11.8	7.6	L2
10	1.06200	30.4	22.8	10.2	40.6	33.0	56.0	46.0	15.4	13.0	L2
11	1.99420	31.5	22.9	10.2	41.7	33.1	56.0	46.0	14.3	12.9	L2
12	4.15000	28.8	18.8	10.3	39.1	29.1	56.0	46.0	16.9	16.9	L2
13	9.81780	31.5	20.4	10.5	42.0	30.9	60.0	50.0	18.0	19.1	L2
14	12.84680	28.8	11.7	10.7	39.5	22.4	60.0	50.0	20.5	27.6	L2

- Measurement Data(Graph): 1000mA

Results of Conducted Emission

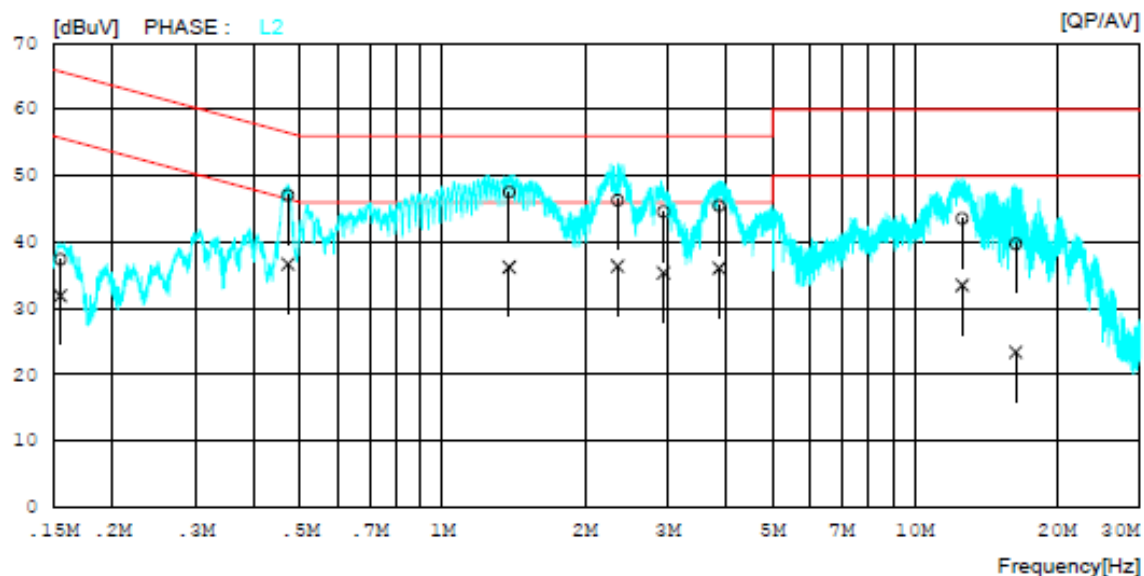
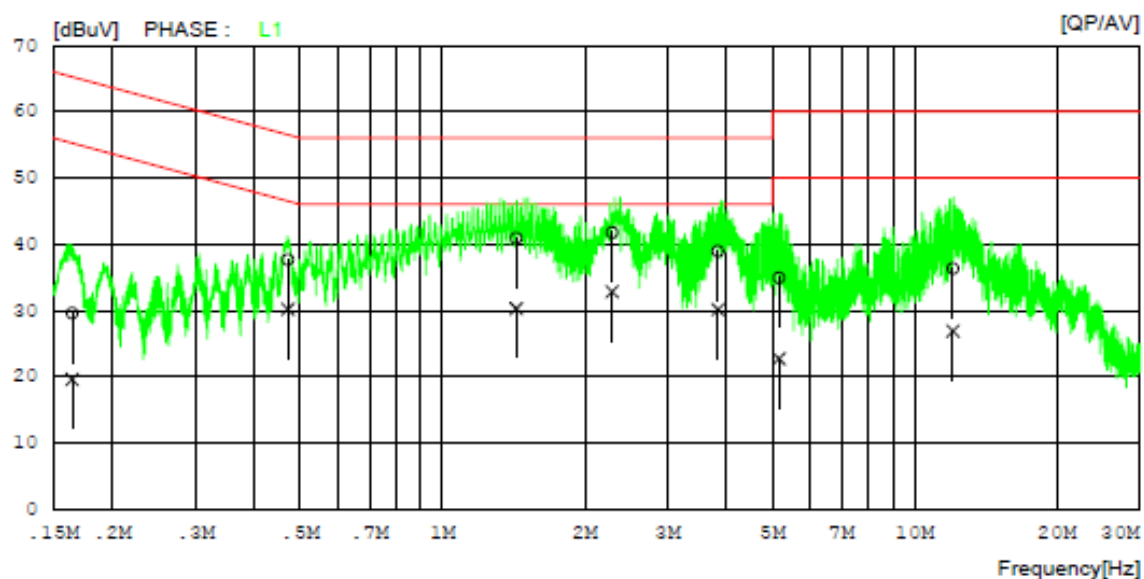
Date : 2014-09-12

Model No. : WCD-101
 Type :
 Serial No. : Identical prototype
 Test Condition : 1000mA

Reference No. :
 Power Supply : 120 V 60 Hz
 Temp/Humi. : 23 °C 48 % R.H.
 Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
 FCC P15.207 AV



- Measurement Data(List): 1000mA

Results of Conducted Emission

Date : 2014-09-12

Model No. : WCD-101
 Type :
 Serial No. : Identical prototype
 Test Condition : 1000mA

Reference No. :
 Power Supply : 120 V 60 Hz
 Temp/Humi. : 23 °C 48 % R.H.
 Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
 FCC P15.207 AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16426	19.3	9.3	10.3	29.6	19.6	65.2	55.2	35.6	35.6	L1
2	0.47045	27.5	20.0	10.2	37.7	30.2	56.5	46.5	18.8	16.3	L1
3	1.43340	30.7	20.1	10.2	40.9	30.3	56.0	46.0	15.1	15.7	L1
4	2.28760	31.6	22.6	10.2	41.8	32.8	56.0	46.0	14.2	13.2	L1
5	3.83240	28.6	19.8	10.3	38.9	30.1	56.0	46.0	17.1	15.9	L1
6	5.16040	24.6	12.4	10.3	34.9	22.7	60.0	50.0	25.1	27.3	L1
7	12.05900	25.6	16.2	10.7	36.3	26.9	60.0	50.0	23.7	23.1	L1
8	0.15512	27.1	21.6	10.3	37.4	31.9	65.7	55.7	28.3	23.8	L2
9	0.47047	36.9	26.5	10.2	47.1	36.7	56.5	46.5	9.4	9.8	L2
10	1.38420	37.3	26.0	10.2	47.5	36.2	56.0	46.0	8.5	9.8	L2
11	2.34920	36.1	26.2	10.2	46.3	36.4	56.0	46.0	9.7	9.6	L2
12	2.93720	34.3	25.0	10.3	44.6	35.3	56.0	46.0	11.4	10.7	L2
13	3.85320	35.2	25.7	10.3	45.5	36.0	56.0	46.0	10.5	10.0	L2
14	12.60540	32.8	22.8	10.7	43.5	33.5	60.0	50.0	16.5	16.5	L2
15	16.36500	28.9	12.6	10.8	39.7	23.4	60.0	50.0	20.3	26.6	L2

- Measurement Data(Graph): @ < 1% battery status

Results of Conducted Emission

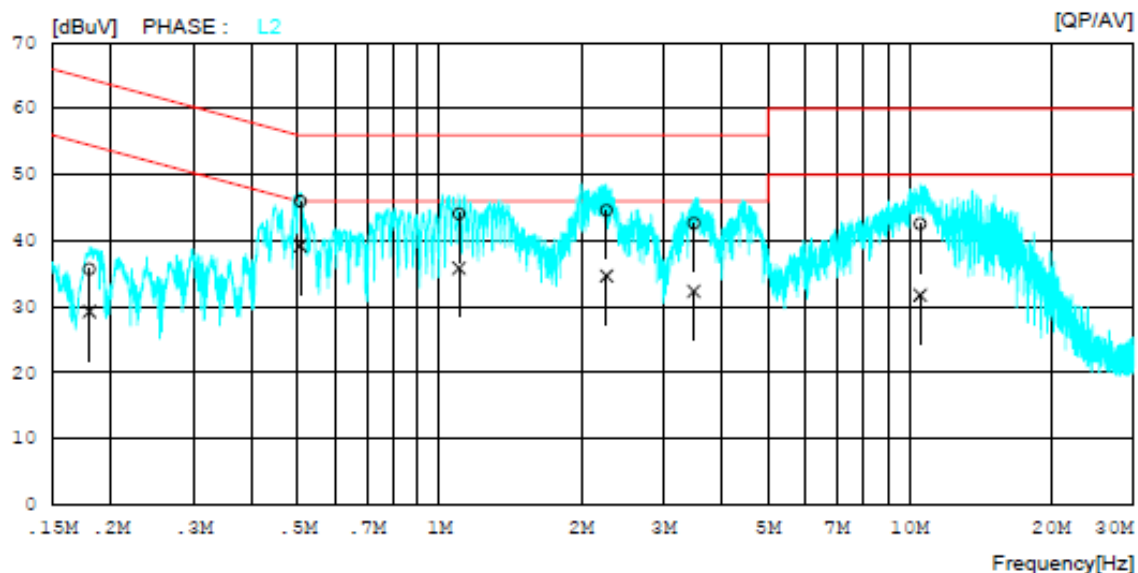
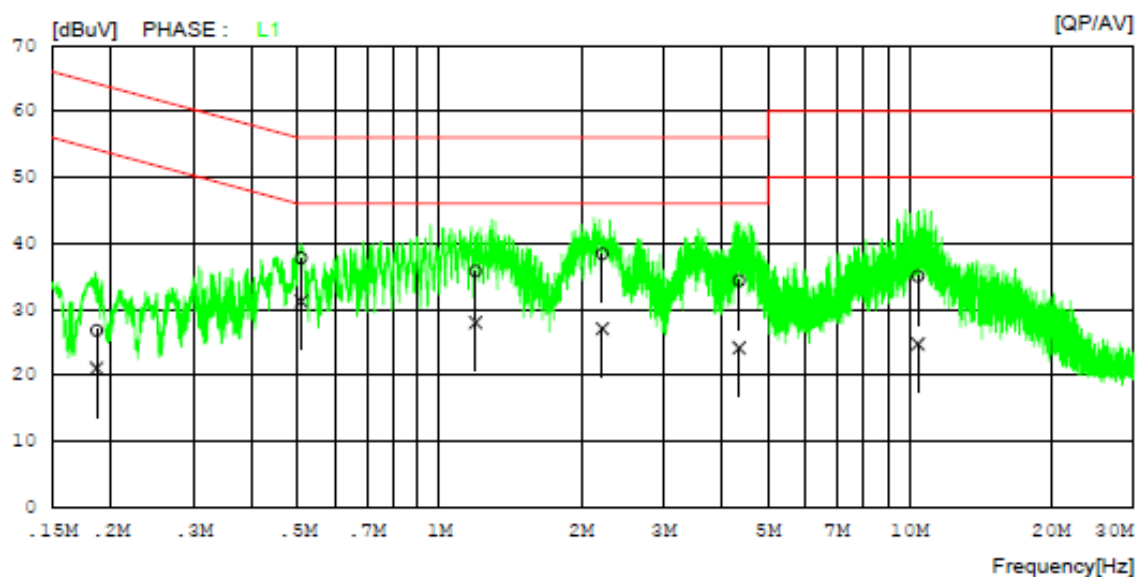
Date : 2014-09-12

Model No. : WCD-101
Type :
Serial No. : Identical prototype
Test Condition : 1% Battery

Reference No. :
Power Supply : 120 V 60 Hz
Temp/Humi. : 23 °C 46 % R.H.
Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
FCC P15.207 AV



- Measurement Data(List): @ < 1% battery status

Results of Conducted Emission

Date : 2014-09-12

Model No. : WCD-101
 Type :
 Serial No. : Identical prototype
 Test Condition : 1% Battery

Reference No. :
 Power Supply : 120 V 60 Hz
 Temp/Humi. : 23 °C 48 % R.H.
 Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
 FCC P15.207 AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.18645	16.4	10.7	10.4	26.8	21.1	64.2	54.2	37.4	33.1	L1
2	0.50815	27.6	21.0	10.2	37.8	31.2	56.0	46.0	18.2	14.8	L1
3	1.19400	25.6	17.8	10.2	35.8	28.0	56.0	46.0	20.2	18.0	L1
4	2.22120	28.2	16.8	10.2	38.4	27.0	56.0	46.0	17.6	19.0	L1
5	4.34280	24.1	13.8	10.3	34.4	24.1	56.0	46.0	21.6	21.9	L1
6	10.42960	24.4	14.1	10.6	35.0	24.7	60.0	50.0	25.0	25.3	L1
7	0.17983	25.3	18.9	10.4	35.7	29.3	64.5	54.5	28.8	25.2	L2
8	0.50588	35.8	29.0	10.2	46.0	39.2	56.0	46.0	10.0	6.8	L2
9	1.10040	33.9	25.6	10.2	44.1	35.8	56.0	46.0	11.9	10.2	L2
10	2.26760	34.4	24.4	10.2	44.6	34.6	56.0	46.0	11.4	11.4	L2
11	3.47800	32.3	22.0	10.3	42.6	32.3	56.0	46.0	13.4	13.7	L2
12	10.53680	31.9	21.1	10.6	42.5	31.7	60.0	50.0	17.5	18.3	L2

- Measurement Data(Graph): @ 50% battery status

Results of Conducted Emission

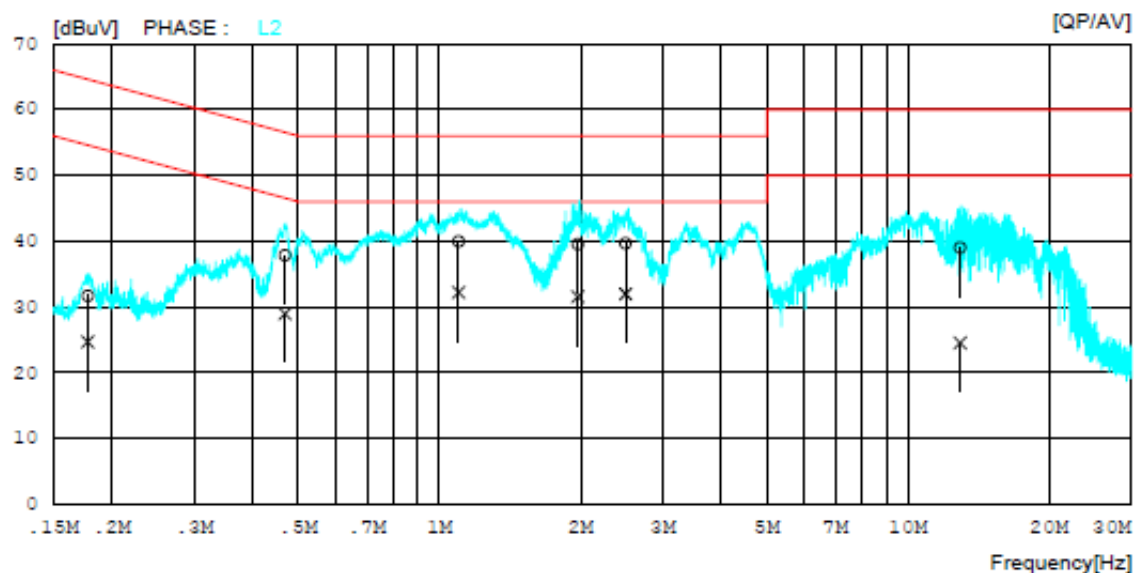
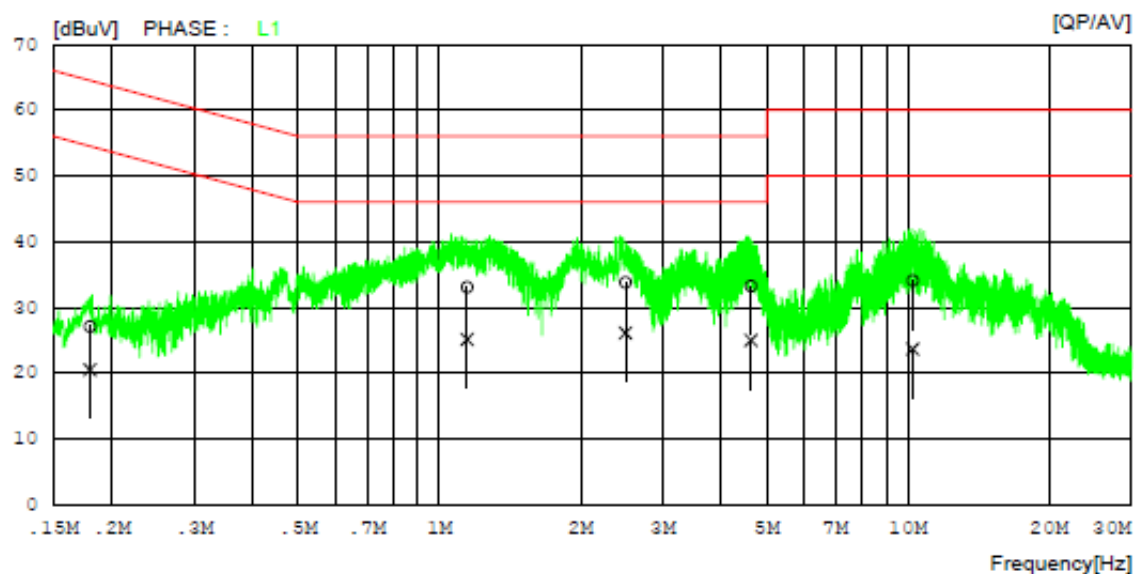
Date : 2014-09-12

Model No. : WCD-101
Type :
Serial No. : Identical prototype
Test Condition : 50% Battery

Reference No. :
Power Supply : 120 V 60 Hz
Temp/Humi. : 23 °C 46 % R.H.
Operator : J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
FCC P15.207 AV



- Measurement Data(List): @ 50% battery status

Results of Conducted Emission

Date : 2014-09-12

Model No.	: WCD-101	Reference No.	:
Type	:	Power Supply	: 120 V 60 Hz
Serial No.	: Identical prototype	Temp/Humi.	: 23 °C 46 % R.H.
Test Condition	: 50% Battery	Operator	: J.J.LEE

Memo :

LIMIT : FCC P15.207 QP
FCC P15.207 AV

NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17949	16.7	10.1	10.4	27.1	20.5	64.5	54.5	37.4	34.0	L1
2	1.14620	22.9	14.9	10.2	33.1	25.1	56.0	46.0	22.9	20.9	L1
3	2.49600	23.6	15.9	10.2	33.8	26.1	56.0	46.0	22.2	19.9	L1
4	4.62520	22.9	14.7	10.3	33.2	25.0	56.0	46.0	22.8	21.0	L1
5	10.24540	23.5	13.1	10.6	34.1	23.7	60.0	50.0	25.9	26.3	L1
6	0.17759	21.3	14.3	10.4	31.7	24.7	64.6	54.6	32.9	29.9	L2
7	0.46821	27.7	18.8	10.2	37.9	29.0	56.5	46.5	18.6	17.5	L2
8	1.09880	29.7	22.0	10.2	39.9	32.2	56.0	46.0	16.1	13.8	L2
9	1.97520	29.3	21.4	10.2	39.5	31.6	56.0	46.0	16.5	14.4	L2
10	2.49720	29.5	21.8	10.2	39.7	32.0	56.0	46.0	16.3	14.0	L2
11	12.92300	28.3	13.8	10.7	39.0	24.5	60.0	50.0	21.0	25.5	L2

APPENDIX I

TEST EQUIPMENT FOR TESTS

Type	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next.Cal.Date (yy/mm/dd)	S/N
PXA Signal Analyzer	Agilent	N9030A	13/10/29	14/10/29	MY53310140
Spectrum Analyzer	Agilent	N9020A	14/03/28	15/03/28	MY50510026
LOOP Antenna	Schwarzbeck	FMZB1513	14/04/29	16/04/29	1513-128
BILOG ANTENNA	SCHAFFNER	CBL6112B	12/11/06	14/11/06	2737
Thermohygrometer	BODYCOM	BJ5478	14/05/13	15/05/13	120612-2
Vector Signal Generator	Rohde Schwarz	SMJ100A	14/01/07	15/01/07	100148
Amplifier (22dB)	H.P	8447E	14/01/08	15/01/08	2945A02865
EMI TEST RECEIVER	R&S	ESU	14/01/08	15/01/08	100014
EMI TEST RECEIVER	R&S	ESCI	14/02/27	15/02/27	100910
CVCF	EM TEST	NETWAVE 60-400	14/05/26	15/05/26	P1311115470
LISN	SCHWARZBECK	NNLK8121	14/08/18	15/08/18	NNLK8121-580
PULSE LIMITER	R&S	ESH3-Z2	14/01/08	15/01/08	101334