

**SGS-CSTC Standards
Technical Services Co., Ltd.**

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FCC TEST REPORT

Application No.: SHEMO080700001IT

Applicant: Sagem Mobiles

Equipment Under Test (EUT):

NOTE: The following sample(s) submitted was/were identified on behalf of the client as

EUT Name: GSM Mobile Phone

Model No.: BZ2008S1

FCC ID: M9HBZ08S1

Serial No.: Not supplied by client

Standards: CFR 47 part 2: 2004,
CFR 47 Part 15: 2007,
ANSI C63.4: 2003

Date of Receipt: July 03, 2008

Date of Test: July 03, 2008 to August 08, 2008

Date of Issue: August 12, 2008

Test Result :	PASS*
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* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Tino Pan
E&E Section Manager
SGS-CSTC Co., Ltd.



Sue Chen
E&E Project Engineer
SGS-CSTC Co., Ltd

This report refers to the General Conditions for Inspection and Testing Services, printed overleaf

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the SGS PRODUCT CERTIFICATION MARK.. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

All test results in this report can be traceable to National or International Standards.

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2 Test Summary

Test	Test Requirement	Test Method	Class / Severity	Result
Radiated Emission 30MHz-1000MHz	CFR 47 Part 15	ANSI C63.4: 2003	Class B	PASS
Conducted Emission 150KHz-30MHz	CFR 47 Part 15	ANSI C63.4: 2003	Class B	PASS

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4 General Information

4.1 Client Information

Applicant: Sagem Mobiles
Address of Applicant: 2, rue du Petit Albi, BP 28250, 95801 CERGY PONTOISE Cedex

4.2 General Description of E.U.T.

EUT Name: GSM Mobile Phone
Model No.: BZ2008S1
FCC ID: M9HBZ08S1
IMEI: 353625020002322
HW version: V0x
SW version: E N,TB
Frequency Bands: GSM1800/GSM1900/GSM900/
Testing Bands: GSM1900

4.3 Details of E.U.T.

Power Supply01: SAGEM 189732783 (Model: DCH3-050EU
Input :110-230 Vac, 50/60 Hz, 120mA,
Output : 5.0 VDC, 500mA)
Power Cord01: 1.5m
Power Supply02: SAGEM 179123177 (Model: DCH3-050EU-0004
Input :110-240 Vac, 50/60 Hz, 120mA,
Output : 5.0 VDC, 500mA)
Power Cord02: N/A
Power Supply03: SAGEM 179123198 (Model: DCH3-050UK-0004
Input :110-240 Vac, 50/60 Hz, 120mA,
Output : 5.0 VDC, 500mA)
Power Cord03: N/A
Power Supply04: SAGEM 189732775 (Model: DCH3-050UK
Input :110-230 Vac, 50/60 Hz, 120mA,
Output : 5.0 VDC, 500mA)
Power Cord04: 1.46m

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Power Supply05: SAGEM 189732762 (Model: DCH3-050AU
Input :110-230 Vac, 50/60 Hz, 120mA,
Output : 5.0 VDC, 500mA)

Power Cord05: 1.5m

Power Supply06: SAGEM 189732754 (Model : DCH3-050US
Input :110-230 Vac, 50/60 Hz, 120mA,
Output : 5.0 VDC, 500mA)

Power Cord06: 1.5m

Power Supply07: SAGEM 189480235 (Model:CLH3-050MV
(Cigar lighter charger) Input : 12 – 24VDC, 0.4 A
Output : 5.0 VDC, 0.5A)

Battery BD-L4B Lishen Reference: 287144366

USB data cable Reference: 189190175

Headset01: Model: Mono Headset, Reference: 189515489

Headset02: Model: Stereo Headset, Reference: 189660148

Bluetooth headset BTH8 Reference :189791810

4.4 Description of Support Units

Name / Function	Model No	Remark
Lenovo PC	Kaitian 4800	Communicating and Charging under the USB data cable connected with the PC mode

4.5 Standards Applicable for Testing

The customer requested EMC tests for GSM Mobile Phone.

The standards used was CFR 47 part 2: 2004 and CFR 47 part 15: 2007:

Table 1 : Tests Carried Out Under CFR 47 Part 15: 2007 :

Standard		Status
FCC Part 15 Subpart B: 2007	Radiated Emission	√
FCC Part 15 Subpart B: 2007	Conducted Emission	√

× Indicates that the test is not applicable
√ Indicates that the test is applicable

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4.6 Test Location

Radiated Emission was performed at:

SIMT EMC Laboratory, 1/F, Building No.1, Agriculture Machinery Materials Company
No.716 Yi shan Road, Shanghai, P.R.China.

Tel: +86 21 64701390 Fax: +86 21 64514252

Conducted Emission was performed at SGS E&E EMC lab

SGS-CSTC EMC Laboratory, No.889 Yishan Road, Shanghai, P.R.China

Tel:+86 21 61402666 Fax: +86 21 54500954

4.7 Deviation from Standards

None.

4.8 Abnormalities from Standard Conditions

None.

4.9 Monitoring of EUT for All Immunity Test

N/A

4.10 Test Confident level

Test Confident level is recognized, certified, or accredited by the following organizations:

NVLAP – Lab Code: 200632-0

SIMT EMC Laboratory is recognized under the National Voluntary Laboratory Accreditation Program (NVLAP/NIST).
NVLAP Code: 200632-0. Effective through December 31, 2008.

VCCI

The 10m Semi-anechoic chamber and Shielded Room of SIMT have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: 1153.

Date of Registration: May 29, 2004. Valid until May 18, 2010

CNAL – LAB Code: L0134

SIMT EMC Laboratory has been assessed and in compliance with CNAL/AC01:2002 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of Testing Laboratories.

FCC – Registration No.: 142171

SIMT EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 142171, December 9, 2002.

With the above and NVLAP, SIMT is an authorized test laboratory for the DoC process.

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5 Equipments Used during Test

Radiated Emission

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due date
1	HORN ANTENNA	Rohde & Schwarz	HF 906	100023	2007-07-23	2008-07-22
2	BROADBAND ANTENNA	Rohde & Schwarz	HL 562	100019	2007-10-09	2008-10-08
3	EMI TEST RECEIVER	Rohde & Schwarz	ESI 26	838786/011	2007-08-12	2008-08-11

Conducted Emission

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due date
1	EMI test receiver	Rohde & Schwarz	ESCS30	100086	2008-06-27	2009-06-26
2	Line impedance stabilization network	ETS	3816/2	00034161	2007-07-31	2008-07-30

General Equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal.Due date
1	Atmosphere pressure meter	Shanghai ZhongXuan Electronic Co;Ltd	BY—2003P	/	2007-09-14	2008-09-13
2	CLAMP METER	FLUKE	316	86080010	2008-04-25	2009-04-24
3	Thermo-Hygrometer	ZHICHEN	ZC1-2	01050033	2007-09-10	2008-09-09
4	Digital illuminance meter	TES electrical electronic Corp.	TES-1330A	050602219	2007-09-17	2008-09-16

Peripherals description

Item	Test Equipment	Manufacturer	Model No.	Serial No.
1	PC	Lenovo	Kaitian 4800	NA03750955

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6 Emission Test Results

6.1 Radiated Emissions, 30MHz to 1GHz

Test Requirement:	CFR 47 Part 15
Test Method:	ANSI C63.4, CISPR 22
Test Date:	July 03, 2008 to July 16, 2008
Frequency Range:	30MHz to 1GHz
Measurement Distance:	3m for ANSI C63.4 and 10m for CISPR 22
Class:	Class B
Detector:	Peak for pre-scan (120kHz resolution bandwidth)
Limit:	40 dB μ V/m between 30MHz to 88MHz Quasi-peak 43.5 dB μ V/m between 88MHz to 216MHz Quasi-peak 46 dB μ V/m between 216MHz to 960MHz Quasi-peak 54 dB μ V/m between 960MHz to 1GHz Quasi-peak

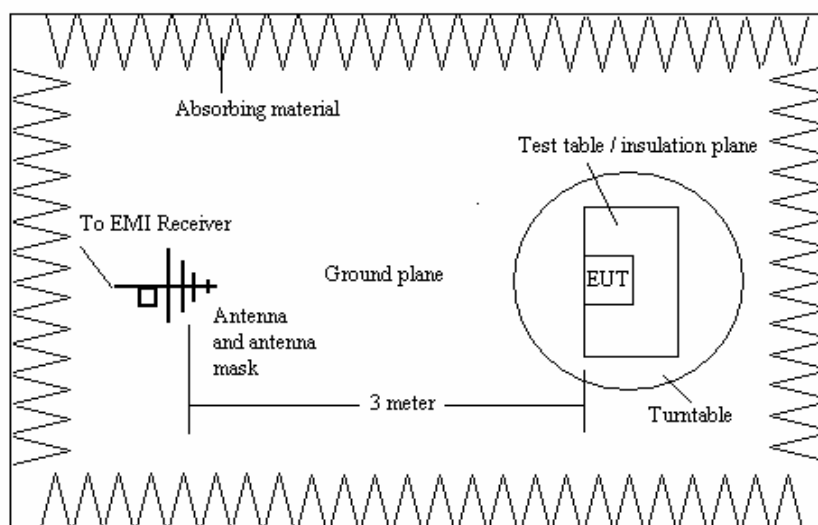
6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C Humidity: 55 % RH Atmospheric Pressure: 1004 mbar

EUT Operation: EUT allocated channel mode GSM1900 with each charger or headset.

6.1.2 Test setup:



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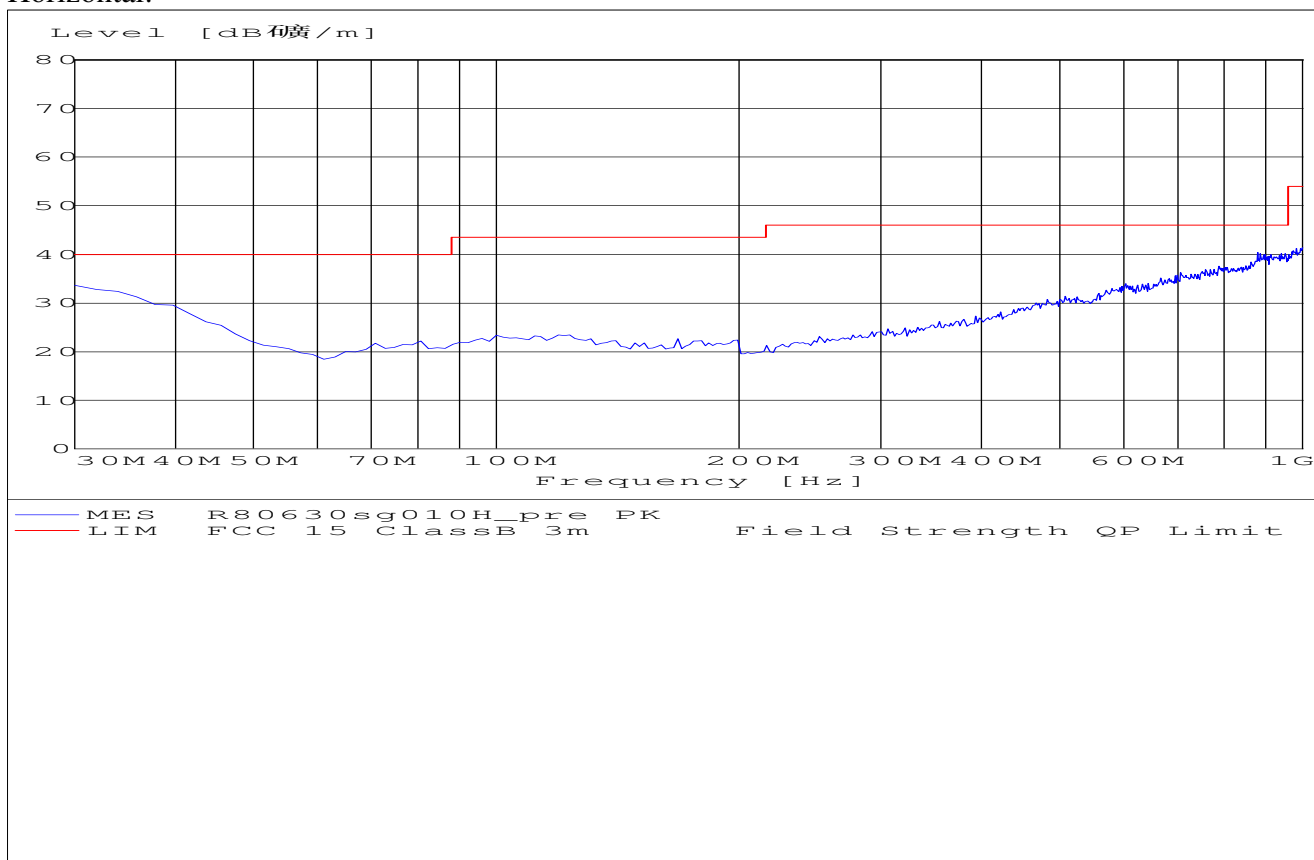
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6.1.3 Test Result:

GSM1900 dedicated: (test with the adapter of power supply 01)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

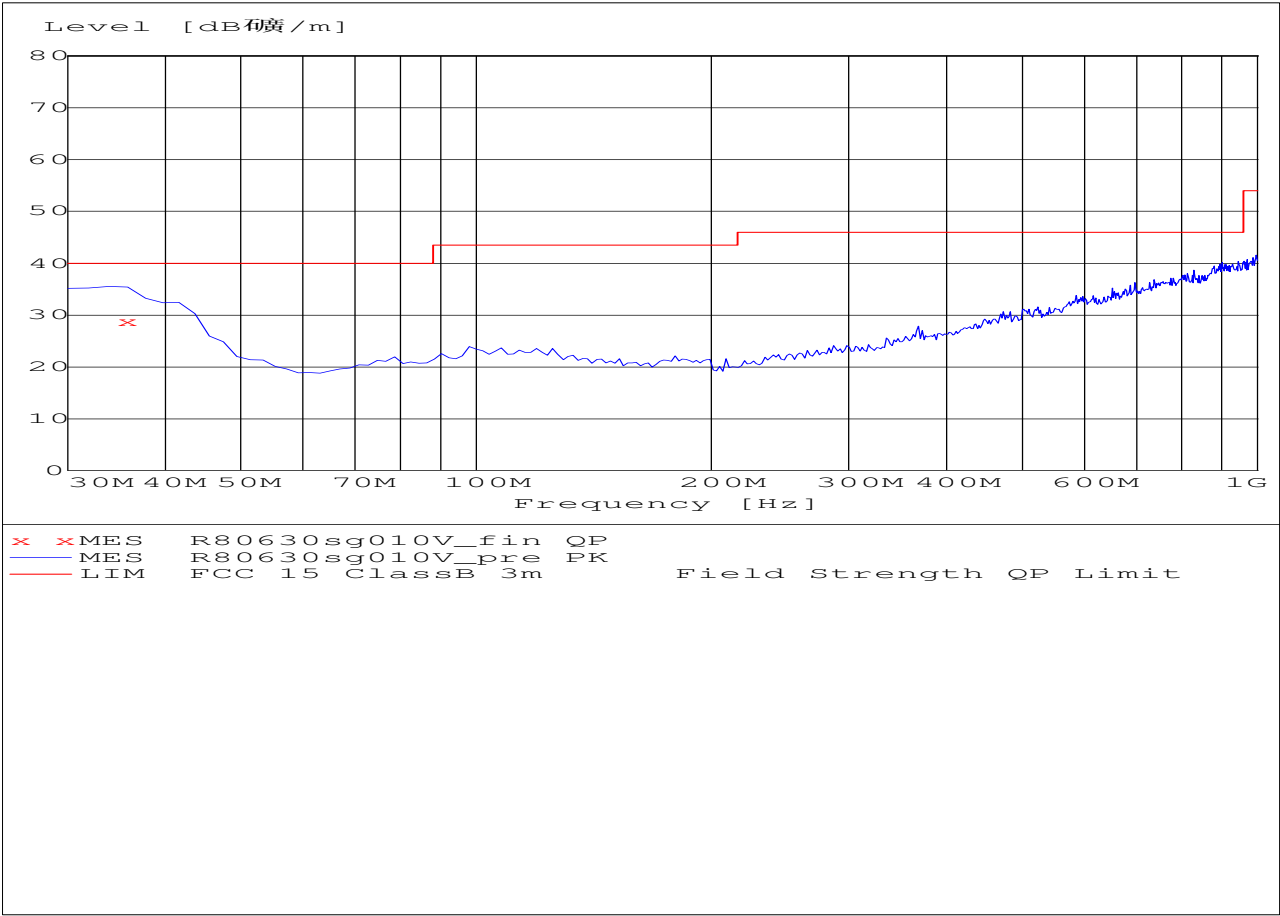
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
35.511022	28.69	200.0	90.00	VERTICAL	40.00	11.31

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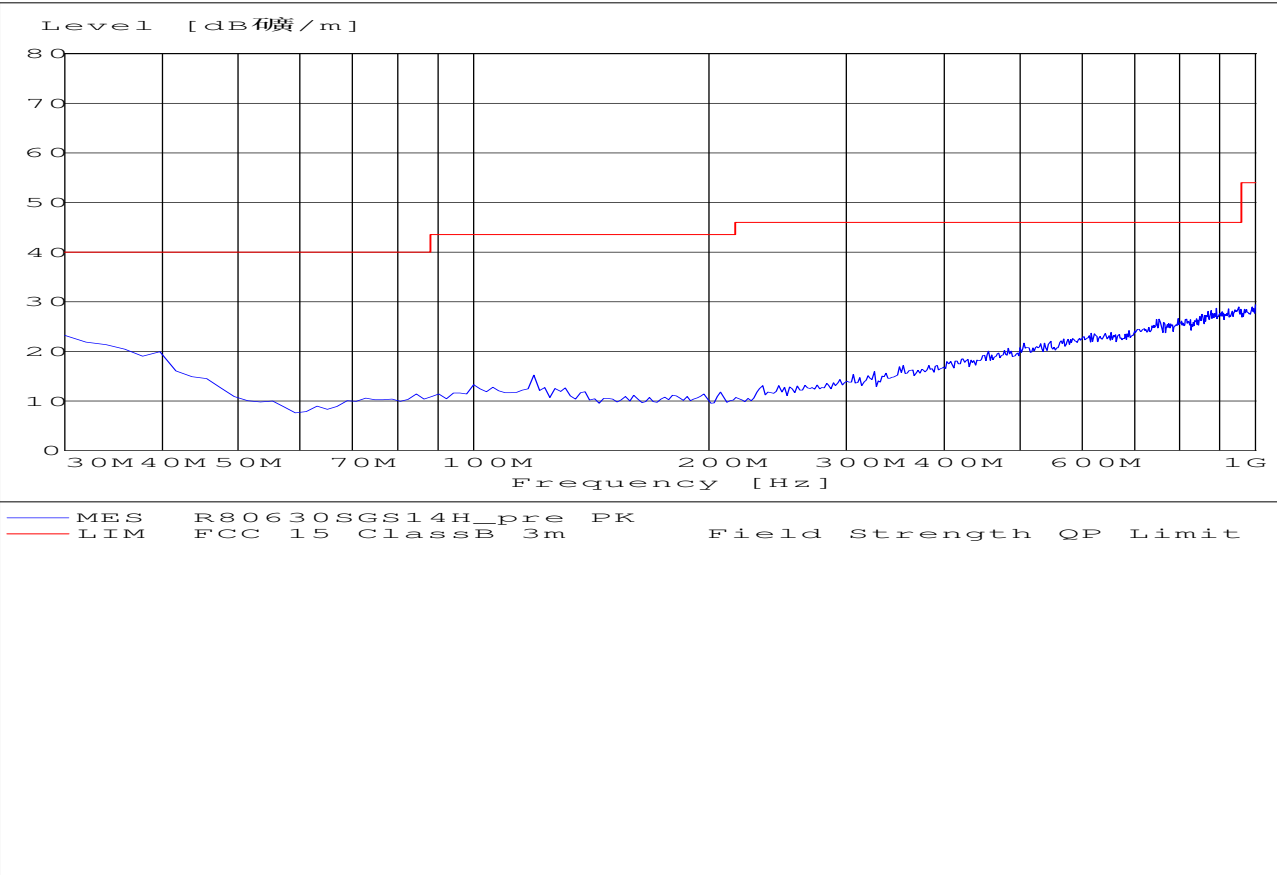
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GSM1900 dedicated: (test with the adapter of power supply 02)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

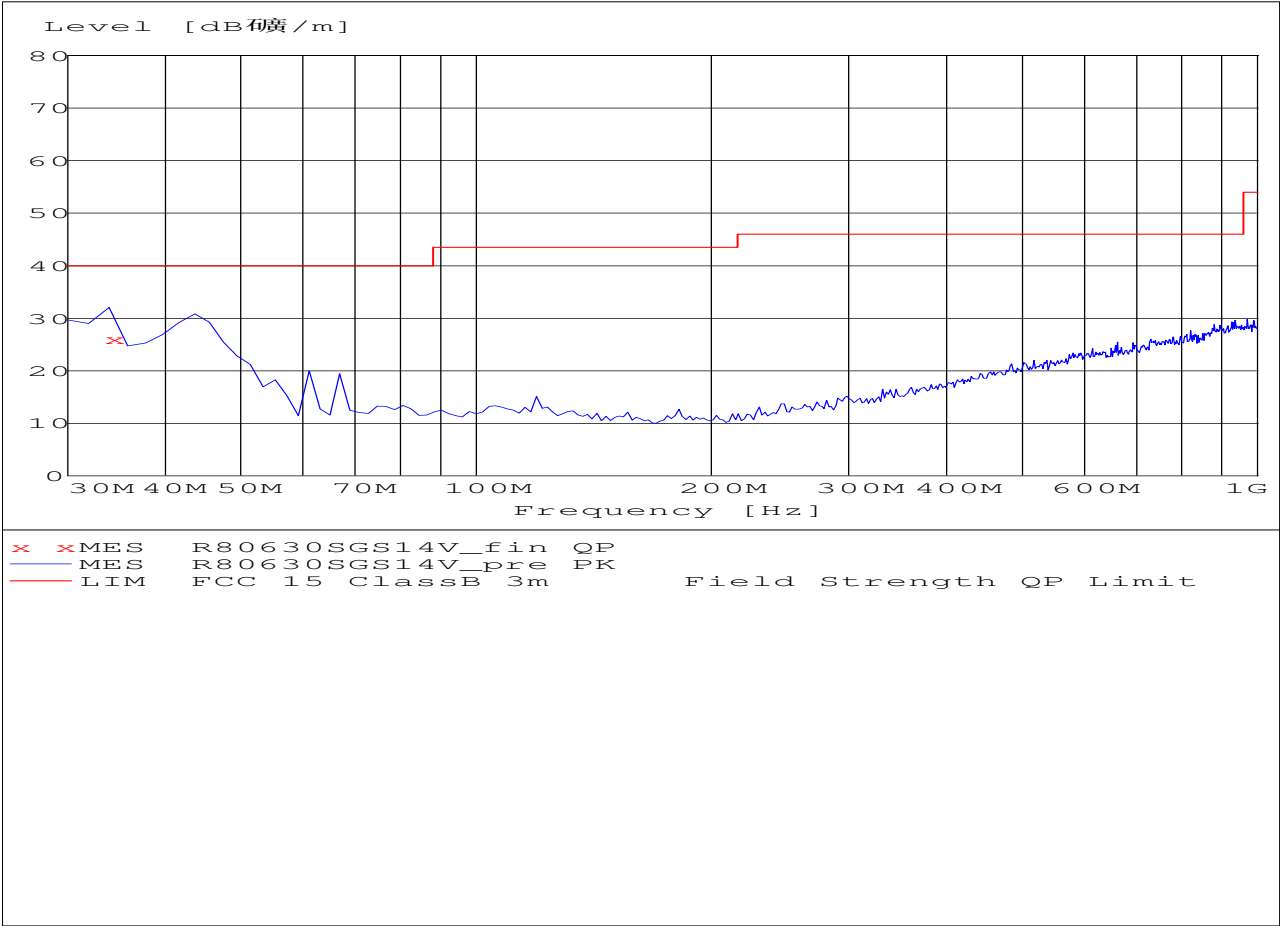
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBµV/m	cm	deg		dBµV/m	dB
34.255831	26.06	100.0	20.00	VERTICAL	40.00	13.94

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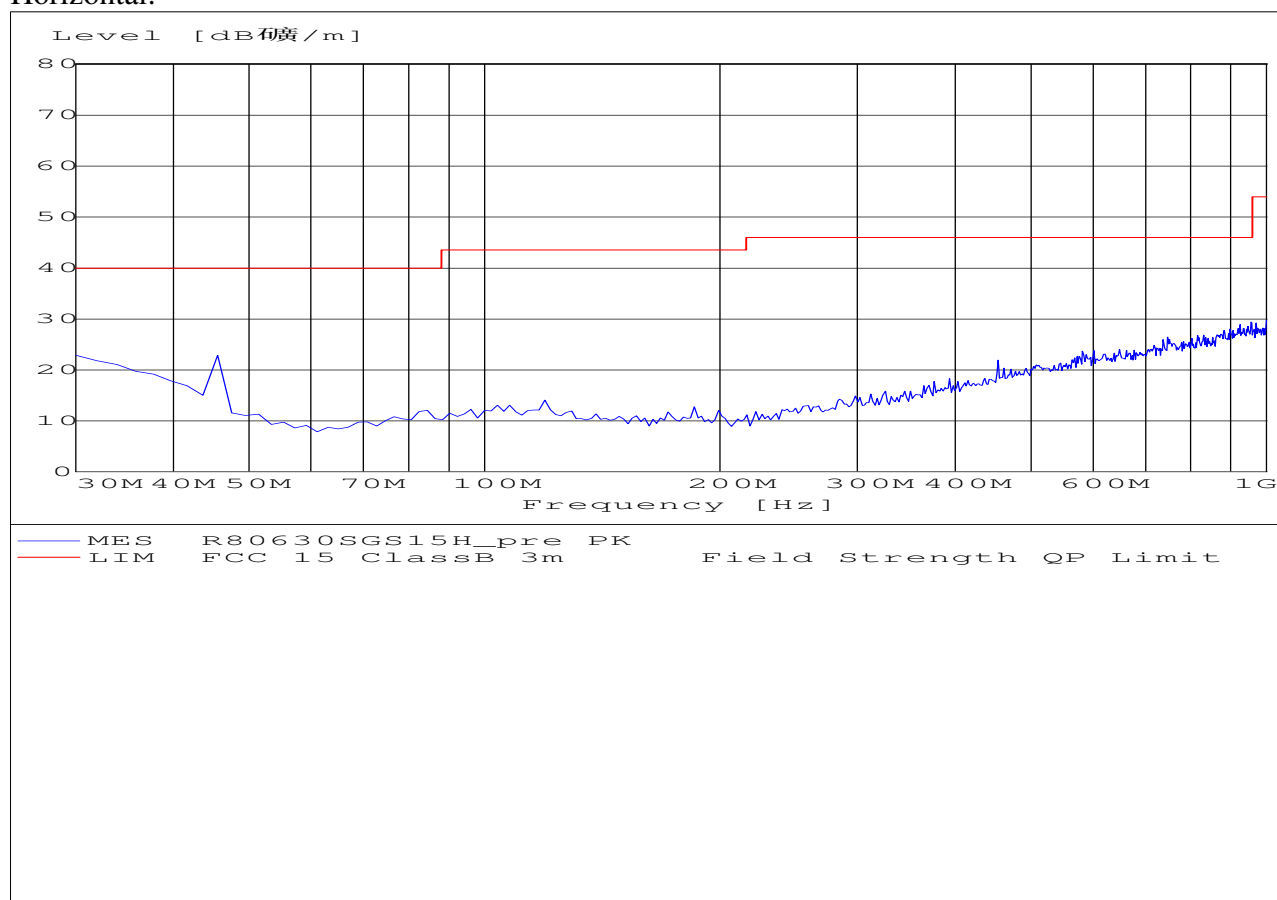
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GSM1900 dedicated: (test with the adapter of power supply 03)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

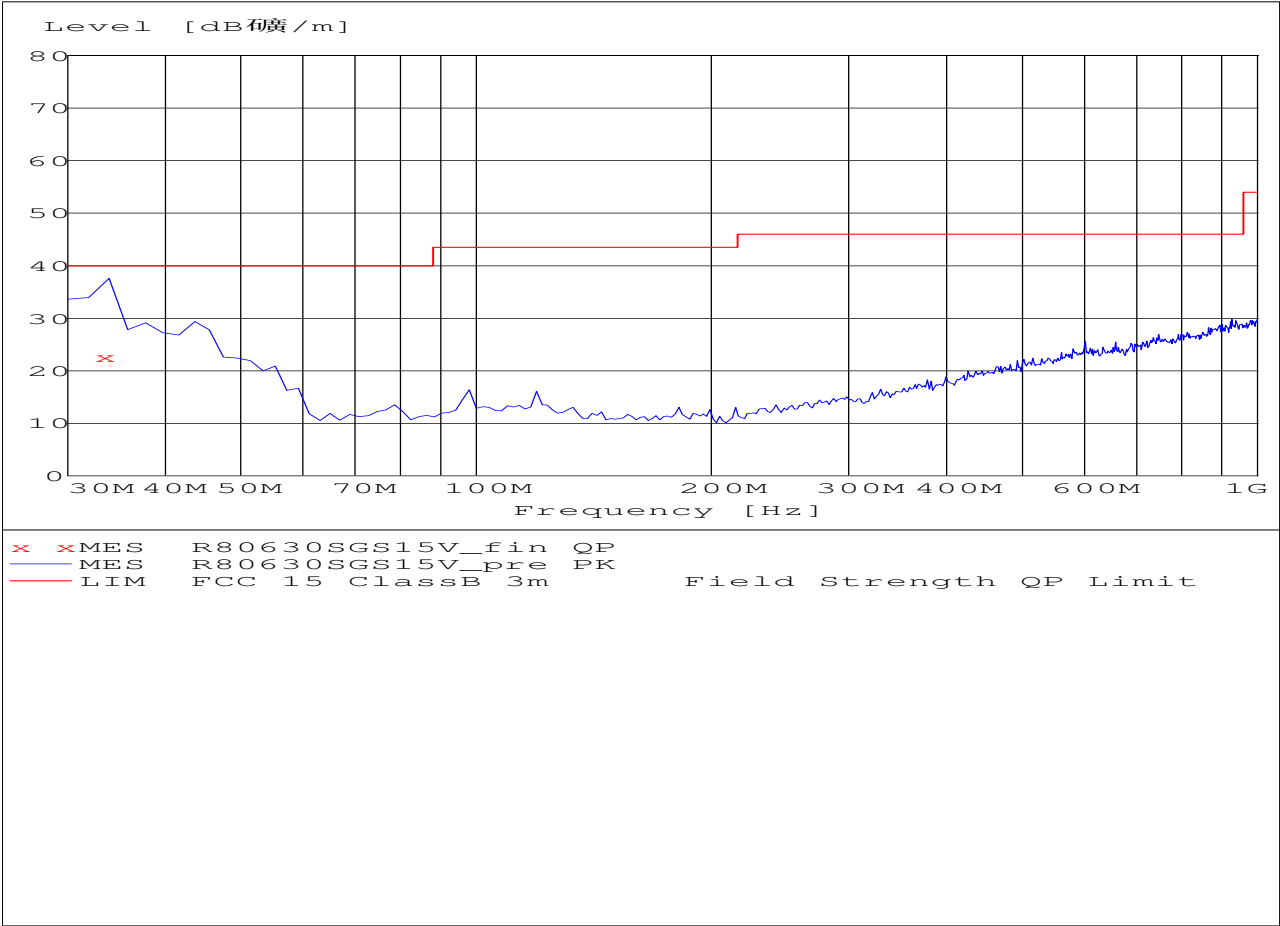
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
33.246493	22.70	100.0	10.00	VERTICAL	40.00	17.30

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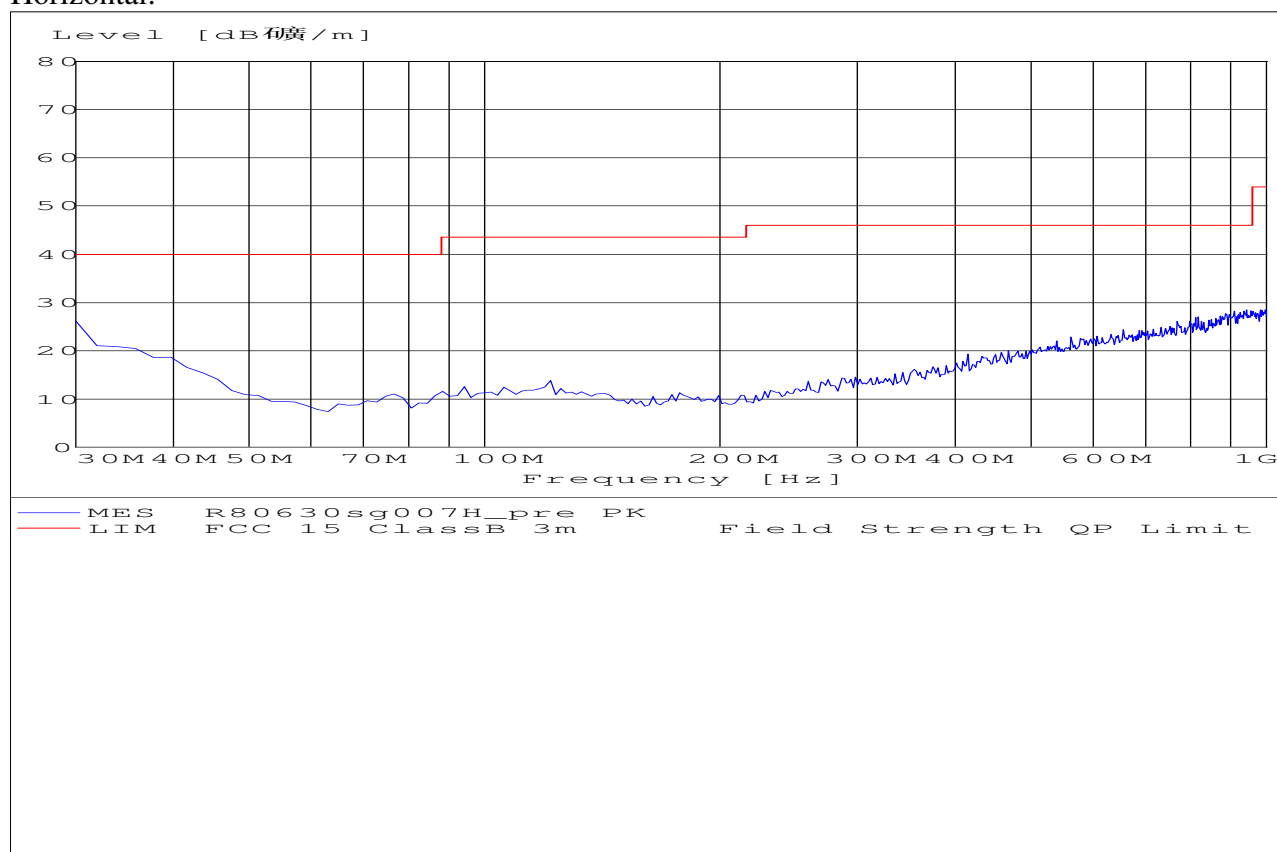
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GSM1900 dedicated: (test with the adapter of power supply 04)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

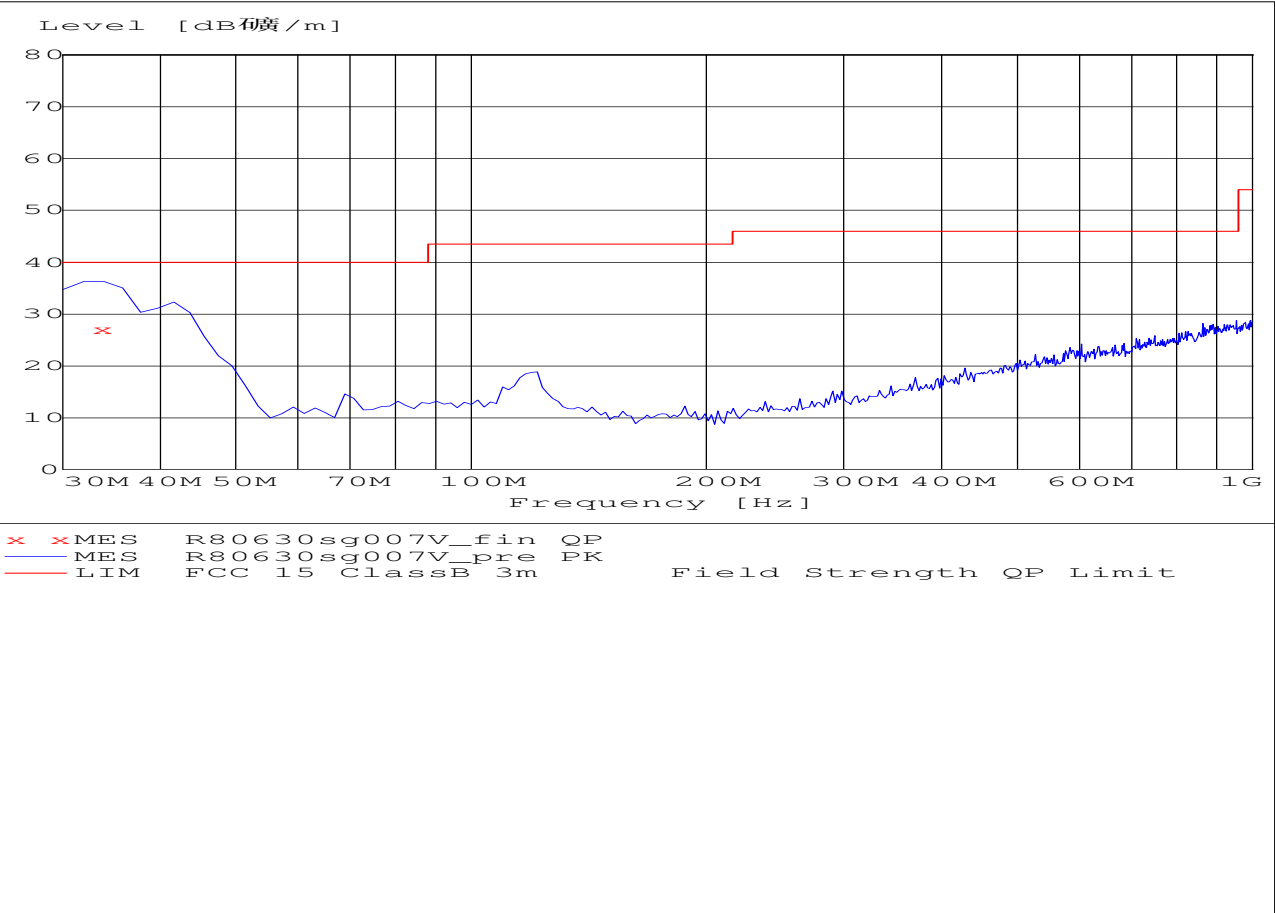
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
33.547094	27.01	100.0	0.00	VERTICAL	40.00	12.99

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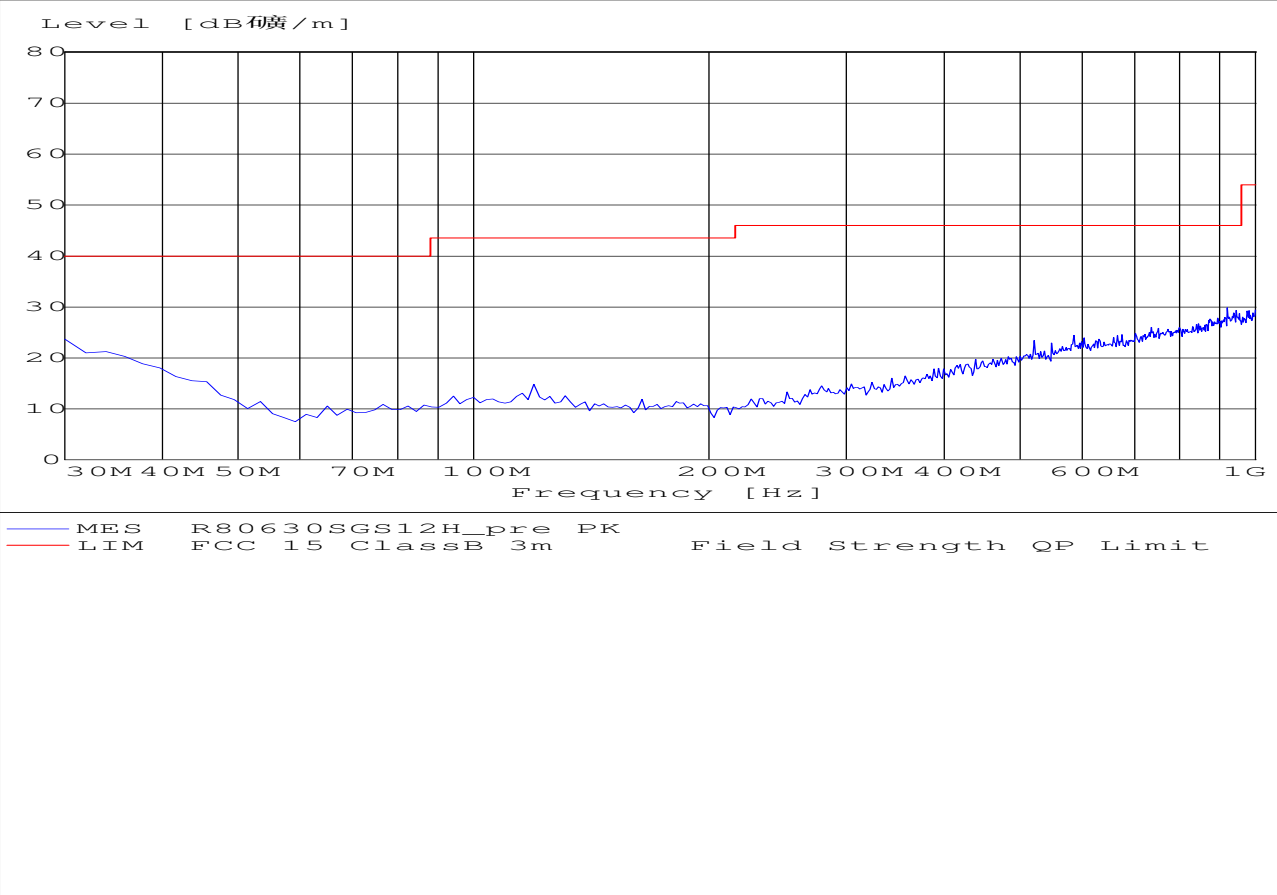
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GSM1900 dedicated: (test with the adapter of power supply 05)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

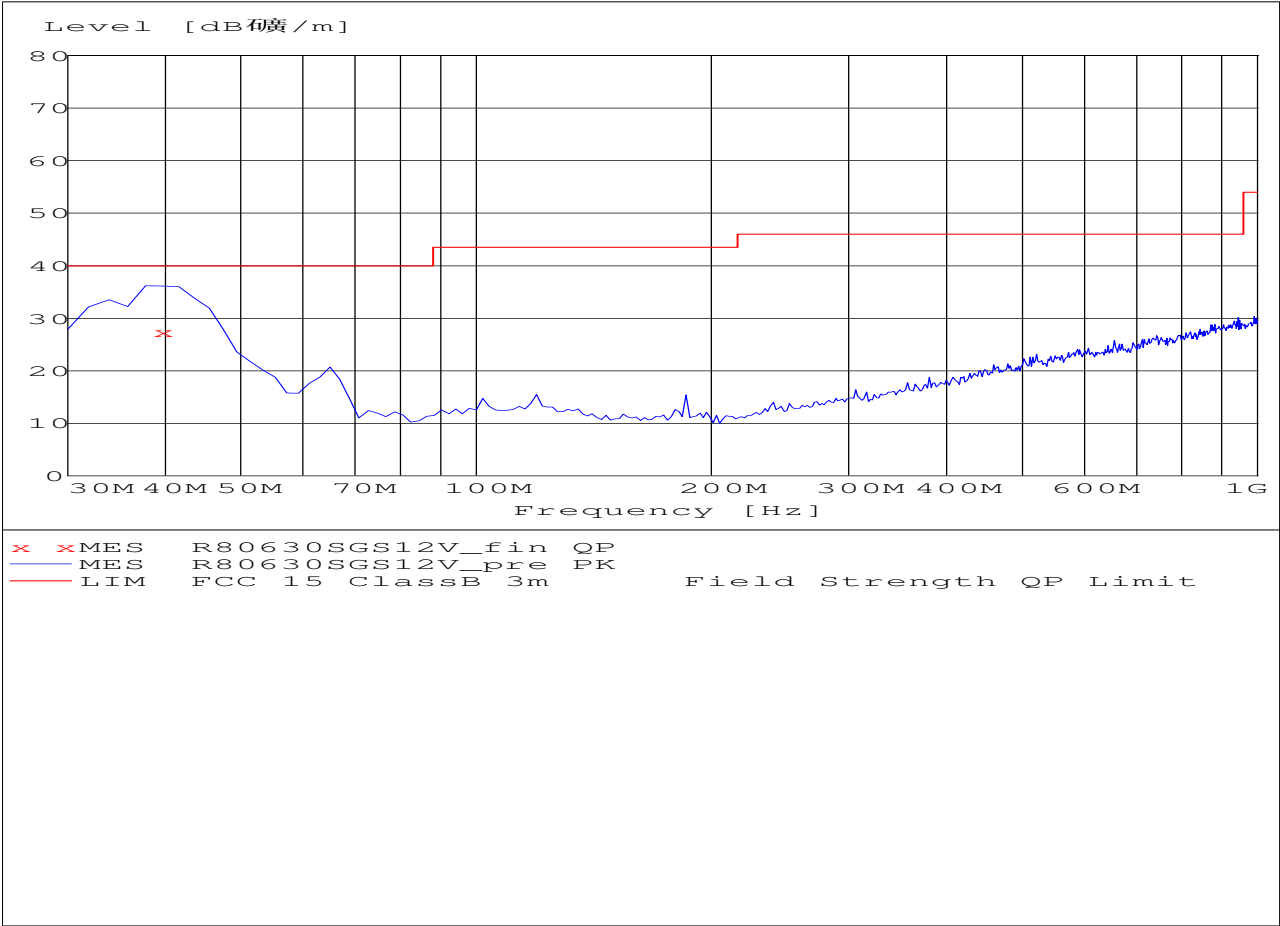
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
39.468940	27.41	100.0	0.00	VERTICAL	40.00	12.59

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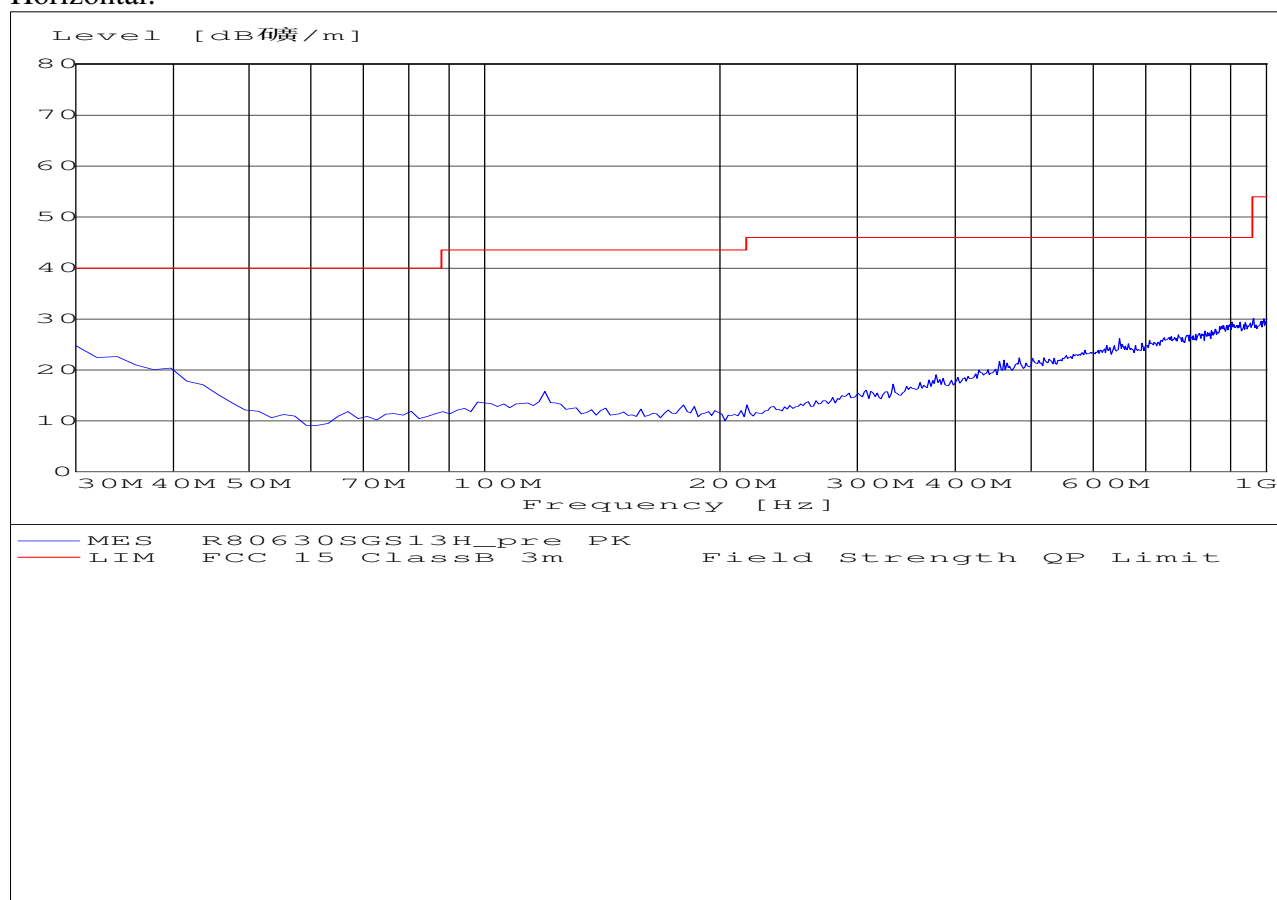
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GSM1900 dedicated: (test with the adapter of power supply 06)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

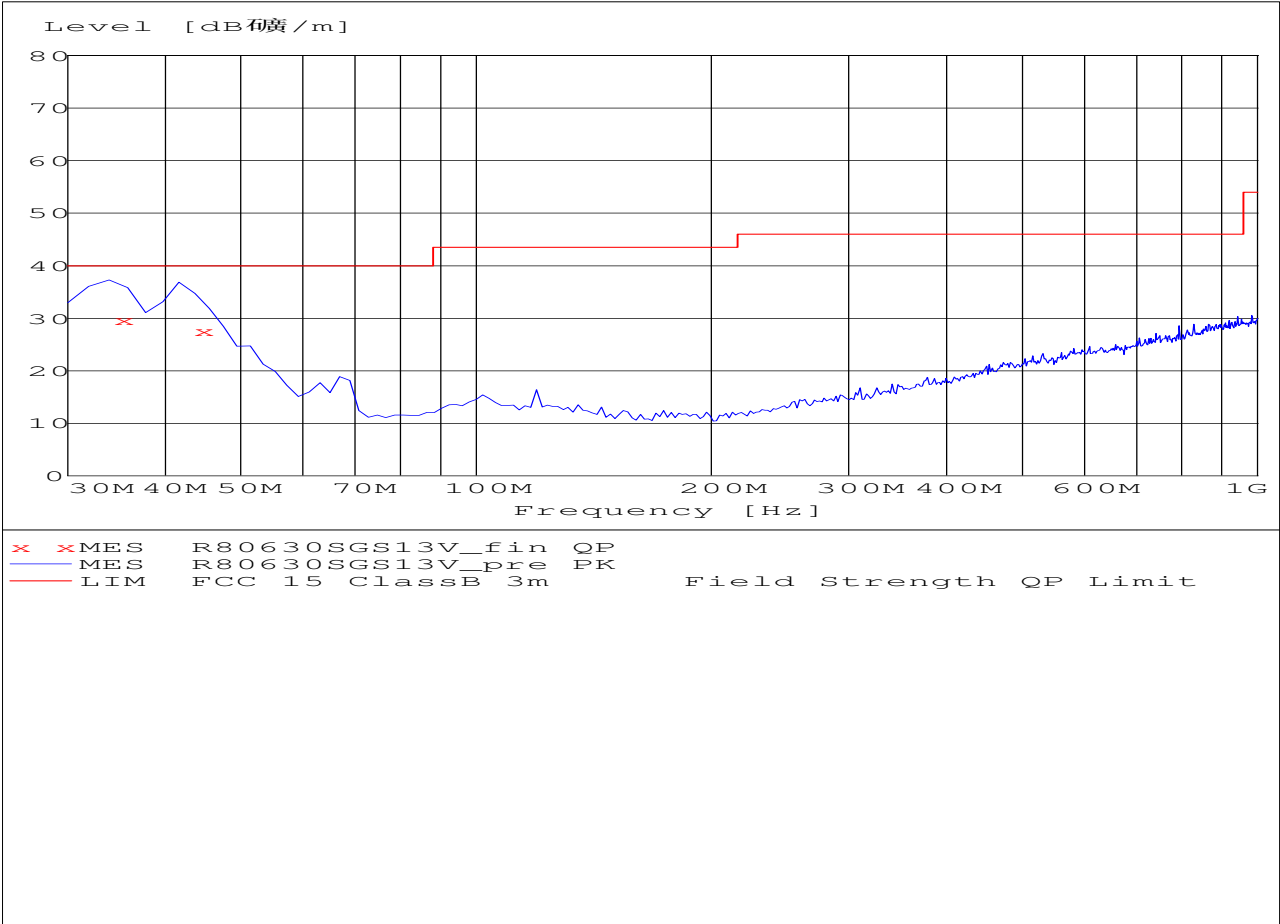
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
35.230460	29.72	100.0	0.00	VERTICAL	40.00	10.28
44.529060	27.60	100.0	30.00	VERTICAL	40.00	12.40

SGS-CSTC Standards
Technical Services Co., Ltd.

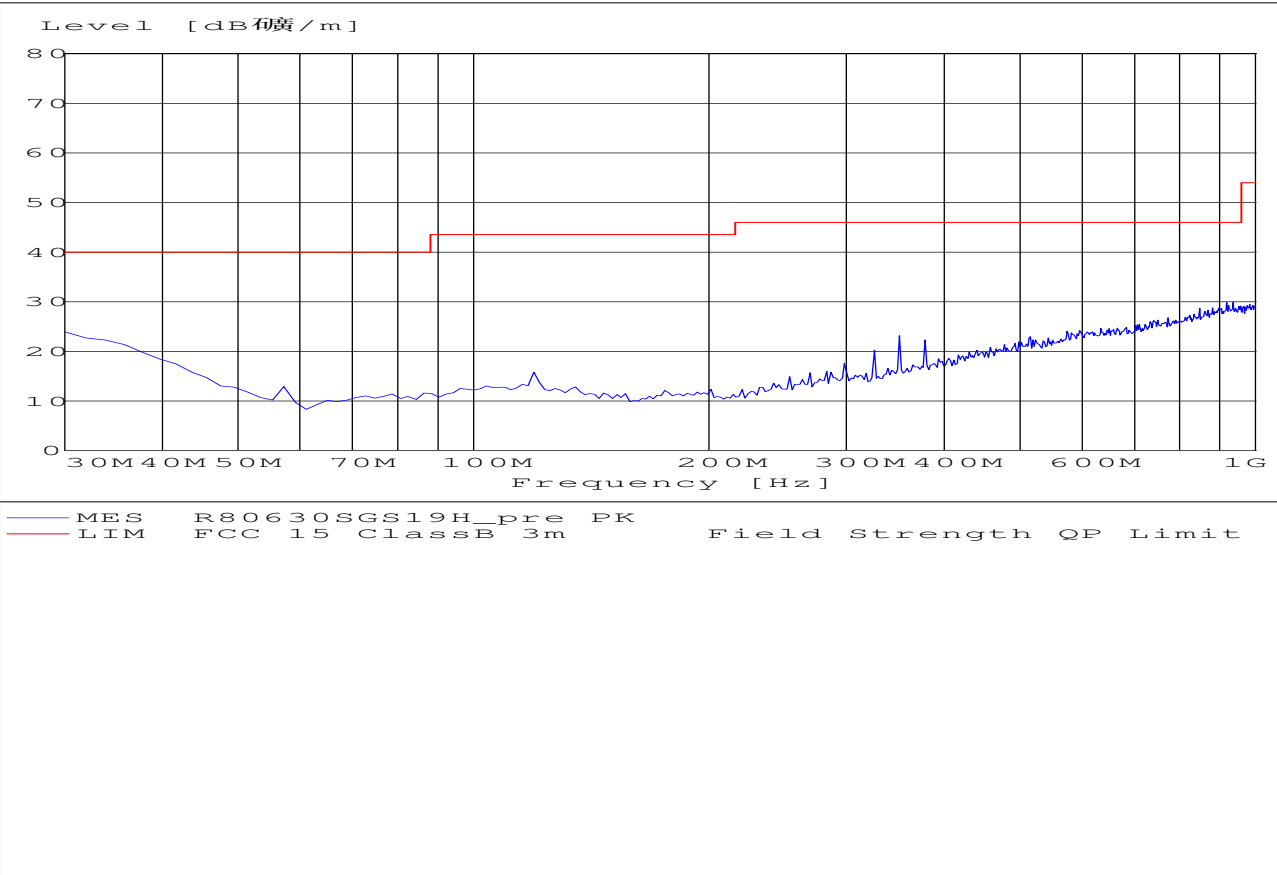
1/F, 4/F, 5/F, 6/F, 7/F, 8/F 9/F, 10/F, the 3rd Building No. 889,
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GSM1900 dedicated: (test with the adapter of power supply 07)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

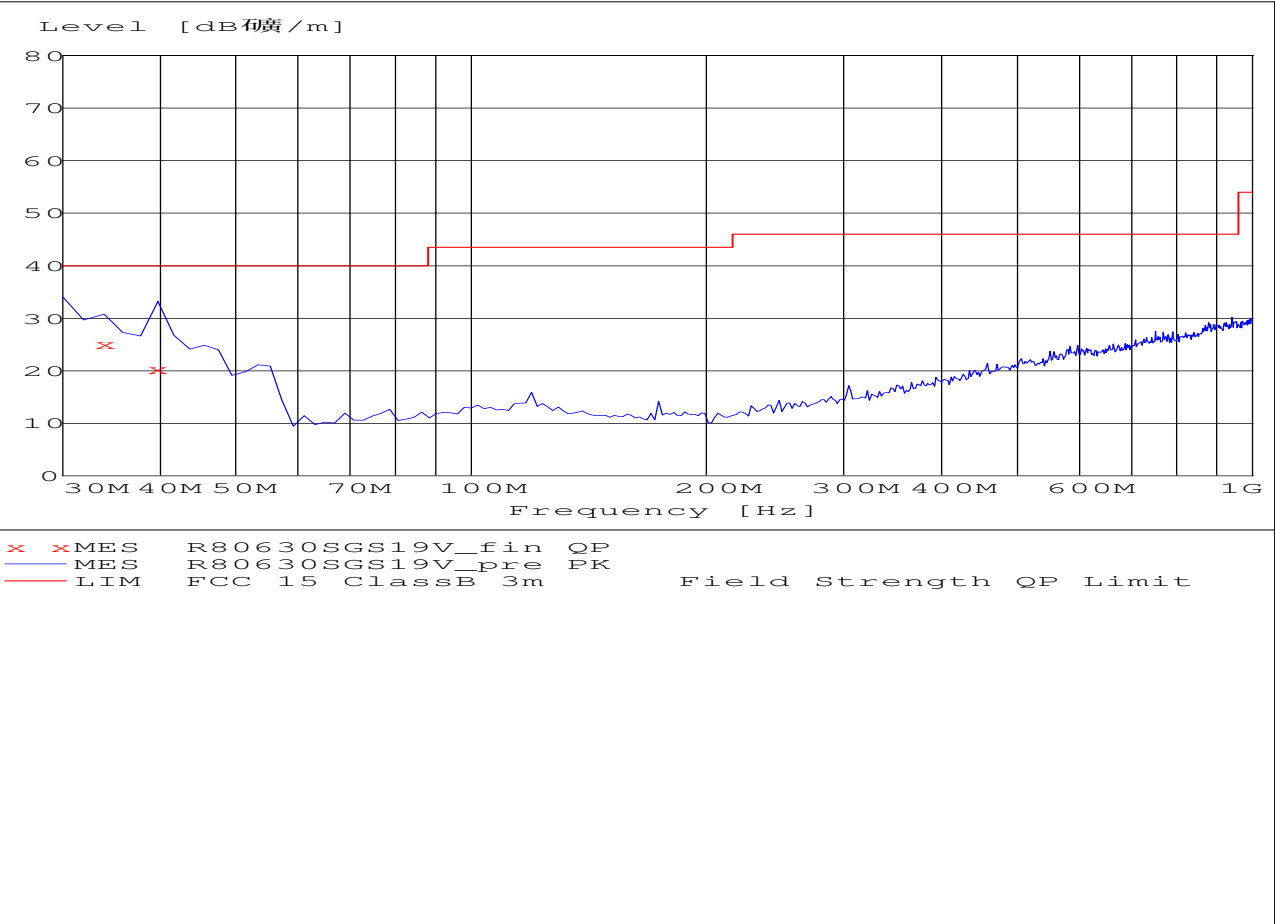
SGS-CSTC Standards
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
33.771540	25.06	100.0	5.00	VERTICAL	40.00	14.94
39.428860	20.25	200.0	180.00	VERTICAL	40.00	19.75

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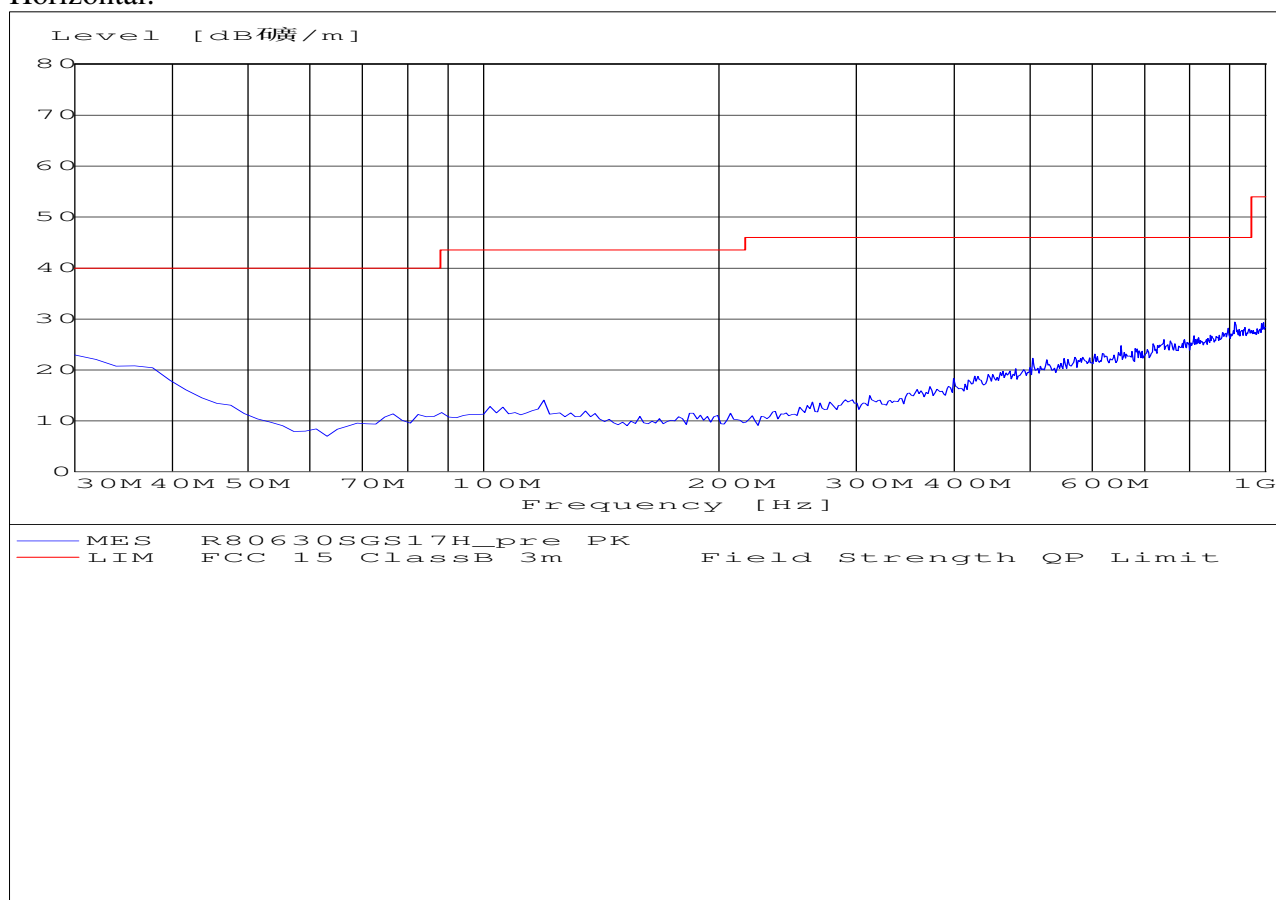
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GSM1900 dedicated: (test with the headset01)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

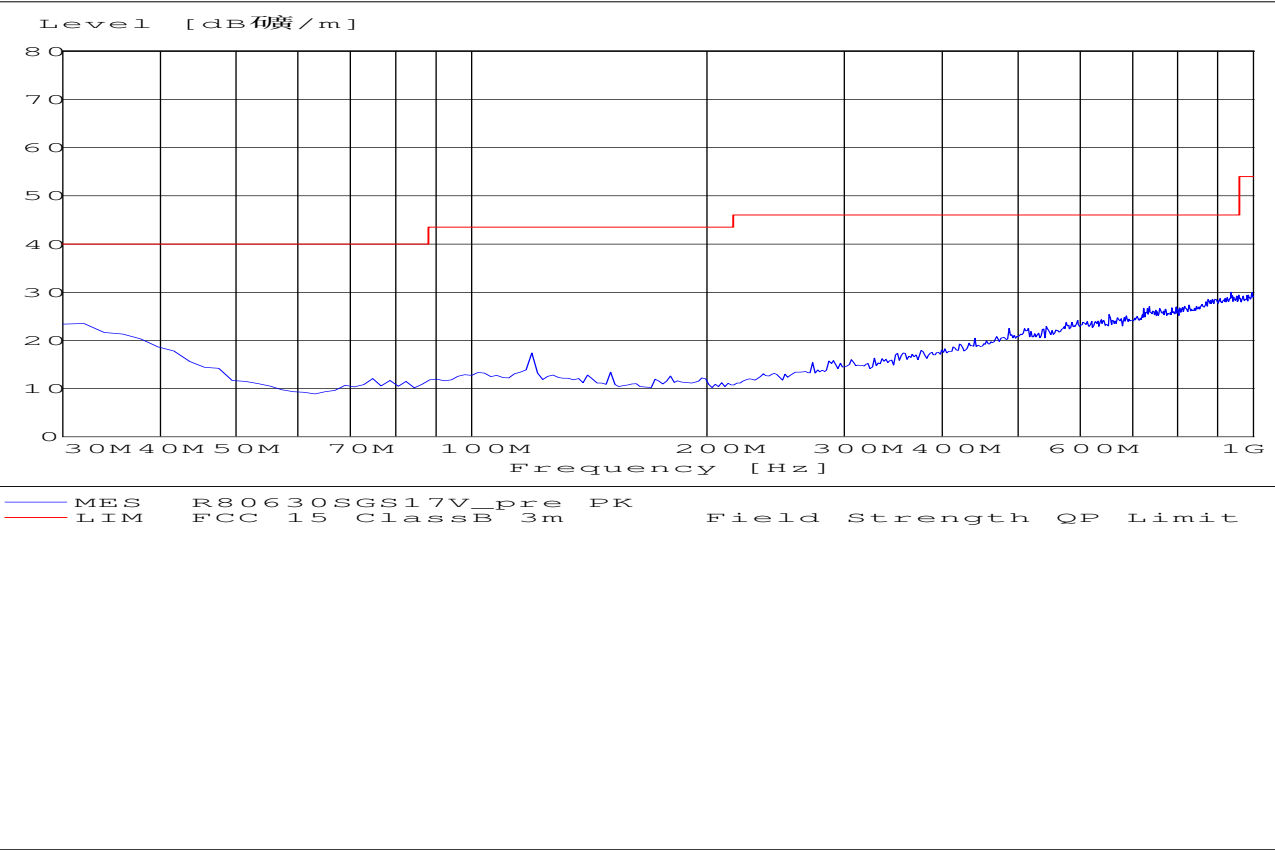
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Vertical:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Vertical	*	40	*		
45	Vertical	*	40	*		
88	Vertical	*	43.5	*		
150	Vertical	*	43.5	*		
216	Vertical	*	46	*		
960	Vertical	*	46	*		
1000	Vertical	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

SGS-CSTC Standards
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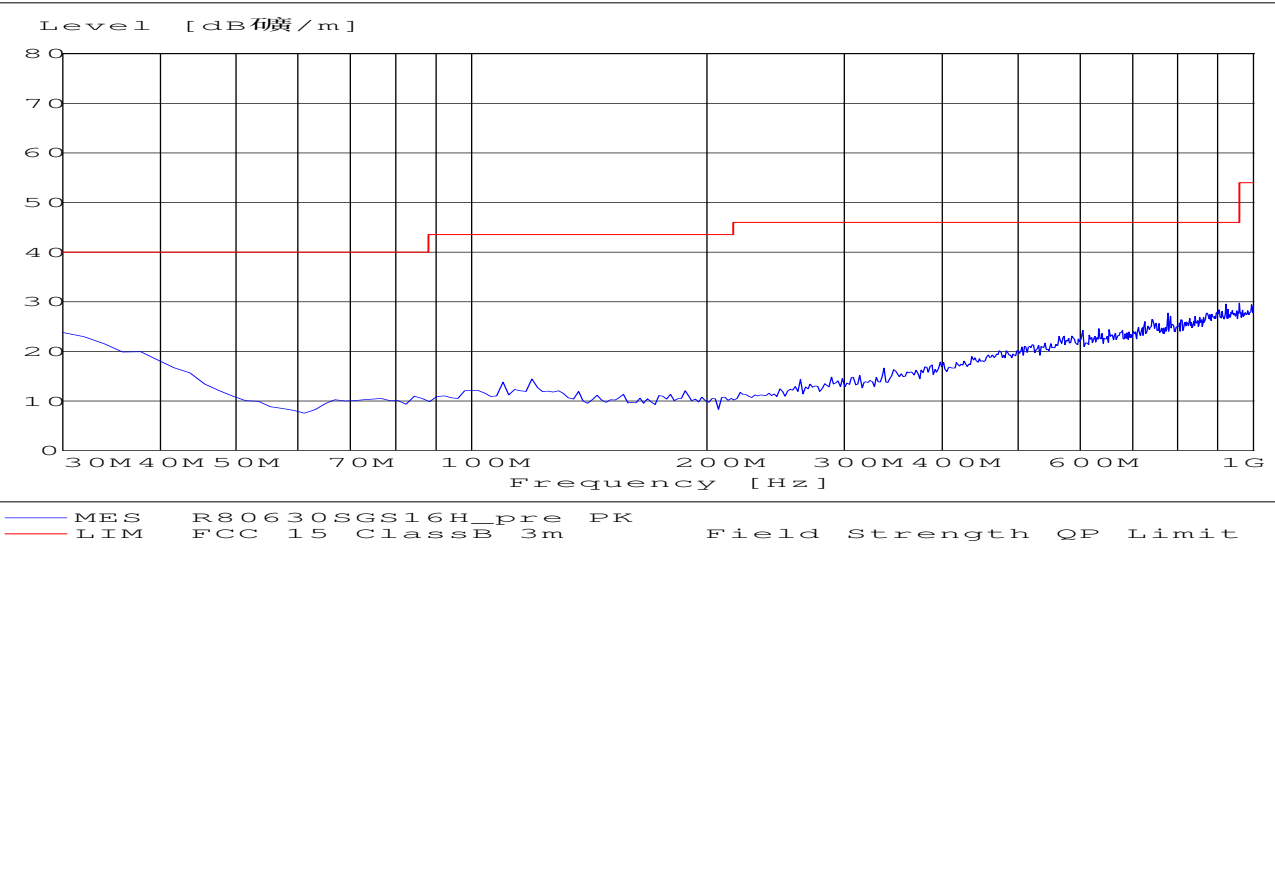
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GSM1900 dedicated: (test with the headset02)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

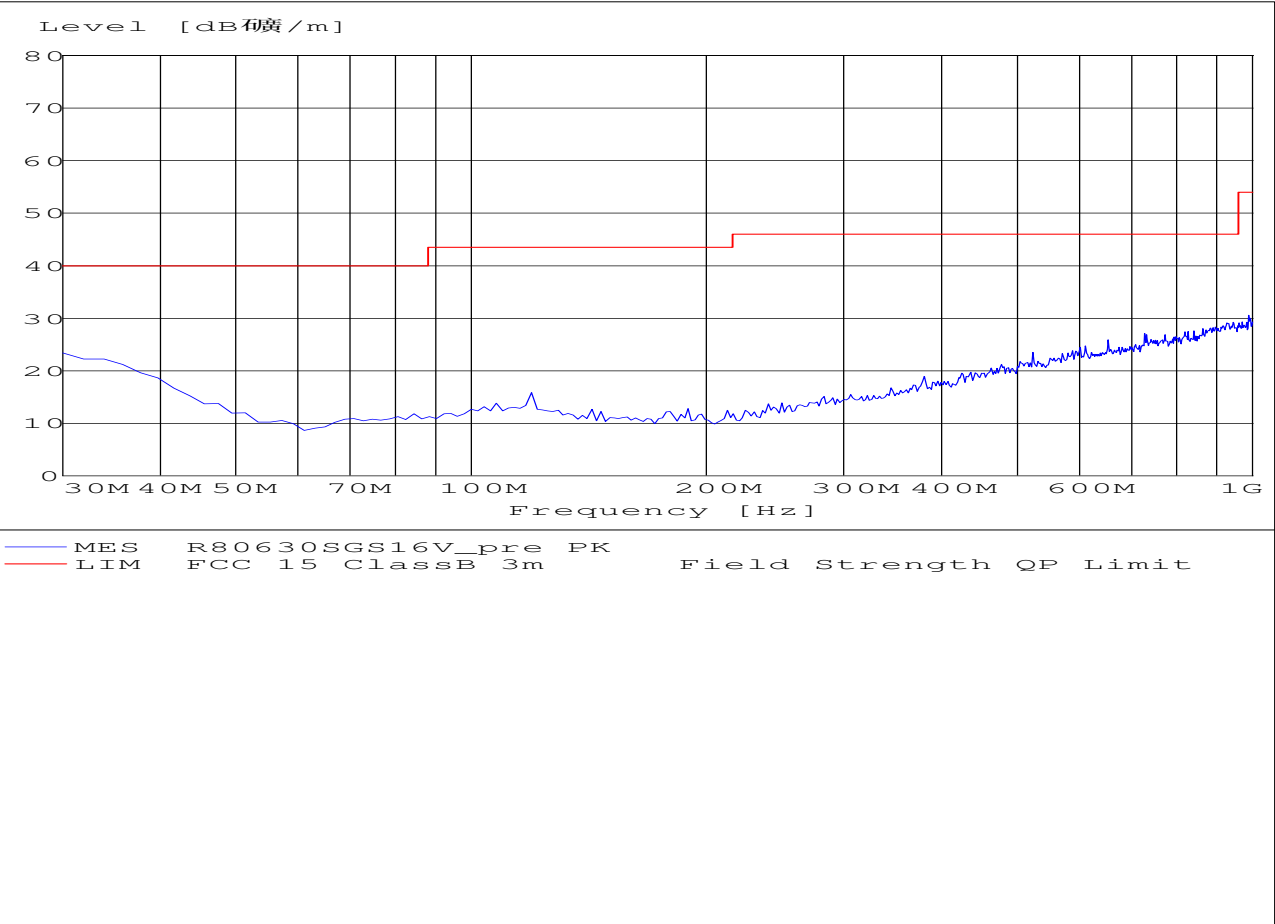
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Vertical:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Vertical	*	40	*		
45	Vertical	*	40	*		
88	Vertical	*	43.5	*		
150	Vertical	*	43.5	*		
216	Vertical	*	46	*		
960	Vertical	*	46	*		
1000	Vertical	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

SGS-CSTC Standards
Technical Services Co., Ltd.

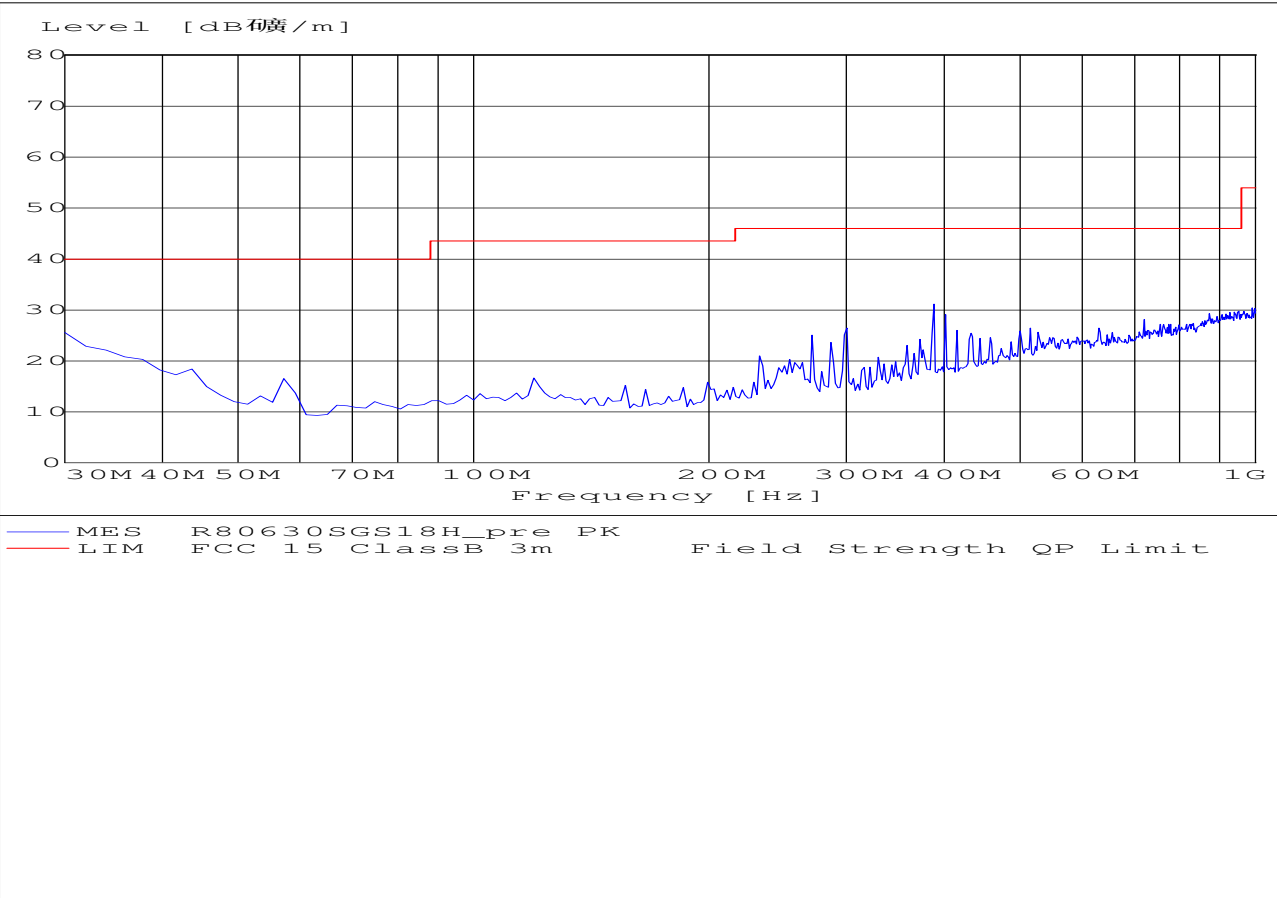
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GSM1900 dedicated: (test the mobile phone with USB connected to the PC)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
45	Horizontal	*	40	*		
88	Horizontal	*	43.5	*		
150	Horizontal	*	43.5	*		
216	Horizontal	*	46	*		
960	Horizontal	*	46	*		
1000	Horizontal	*	54	*		

“*” means the emission level is 6dB lower than the relevant limit.

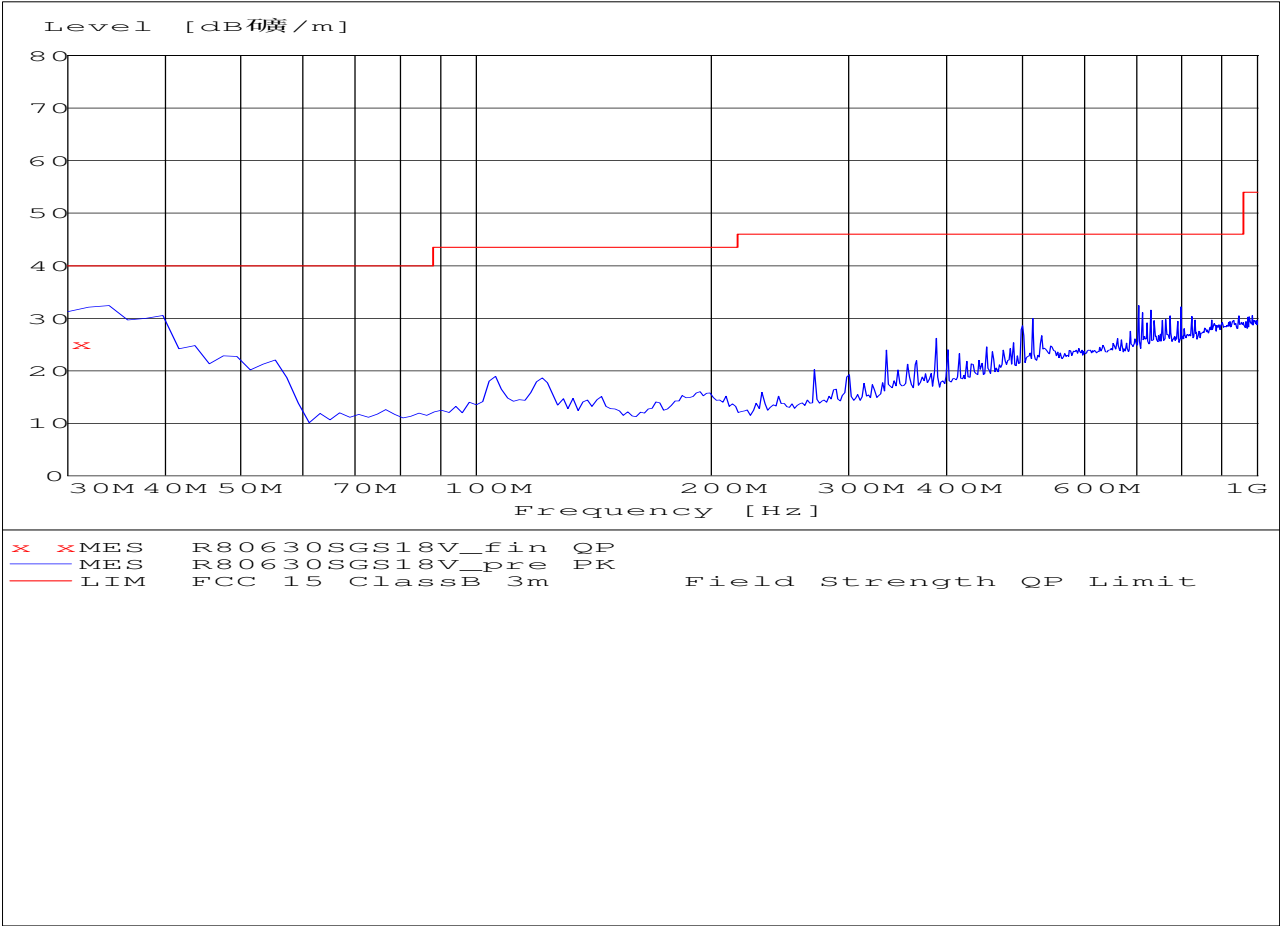
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Vertical:



Measurement results:

Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBµV/m	cm	deg		dBµV/m	dB
31.022044	25.07	100.0	100.00	VERTICAL	40.00	14.93

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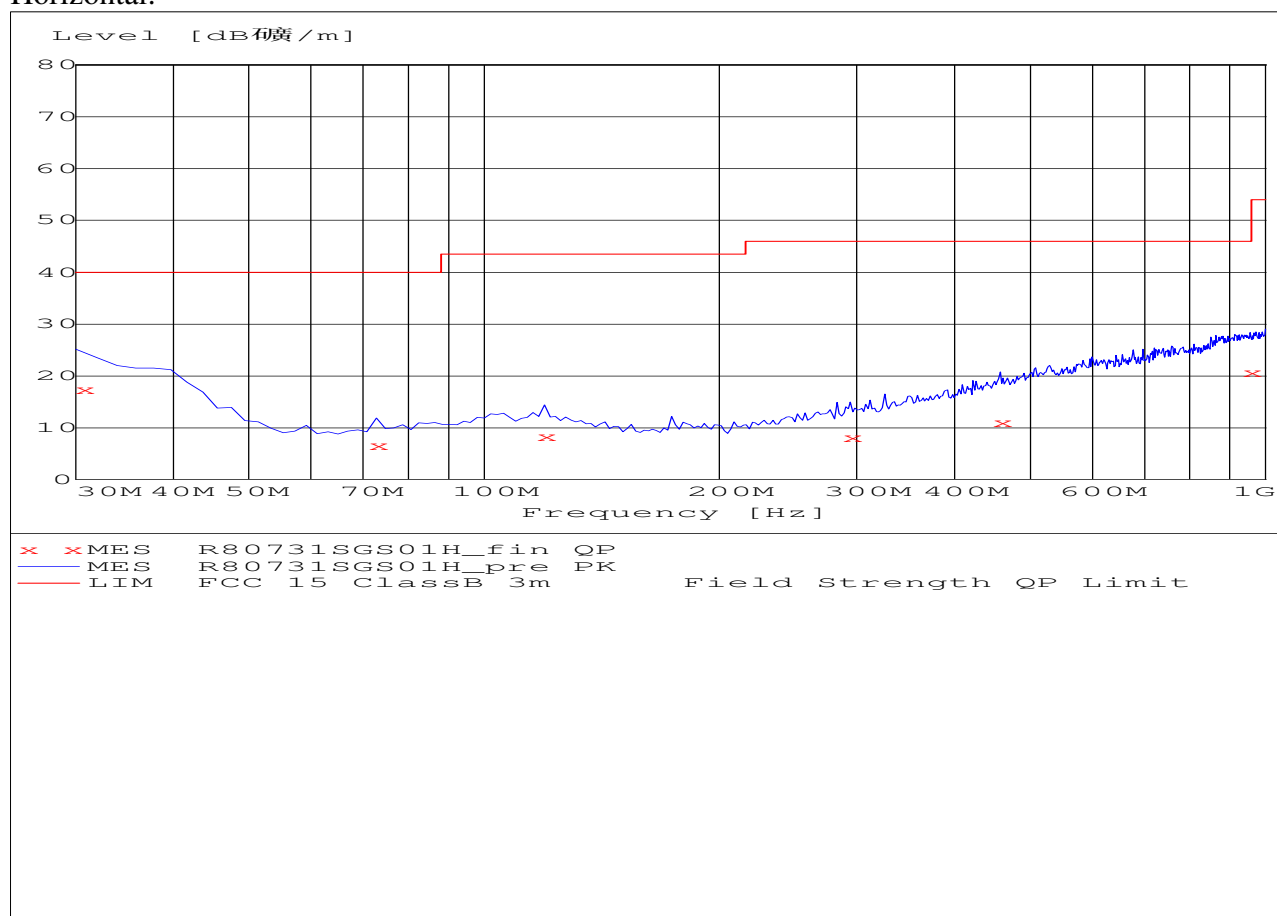
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GSM1900 dedicated: (test with Bluetooth headset and power supply 05)

Horizontal:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
30	Horizontal	*	40	*		
72	Horizontal	*	40	*		
119	Horizontal	*	43.5	*		
294	Horizontal	*	43.5	*		
457	Horizontal	*	46	*		
955	Horizontal	*	46	*		

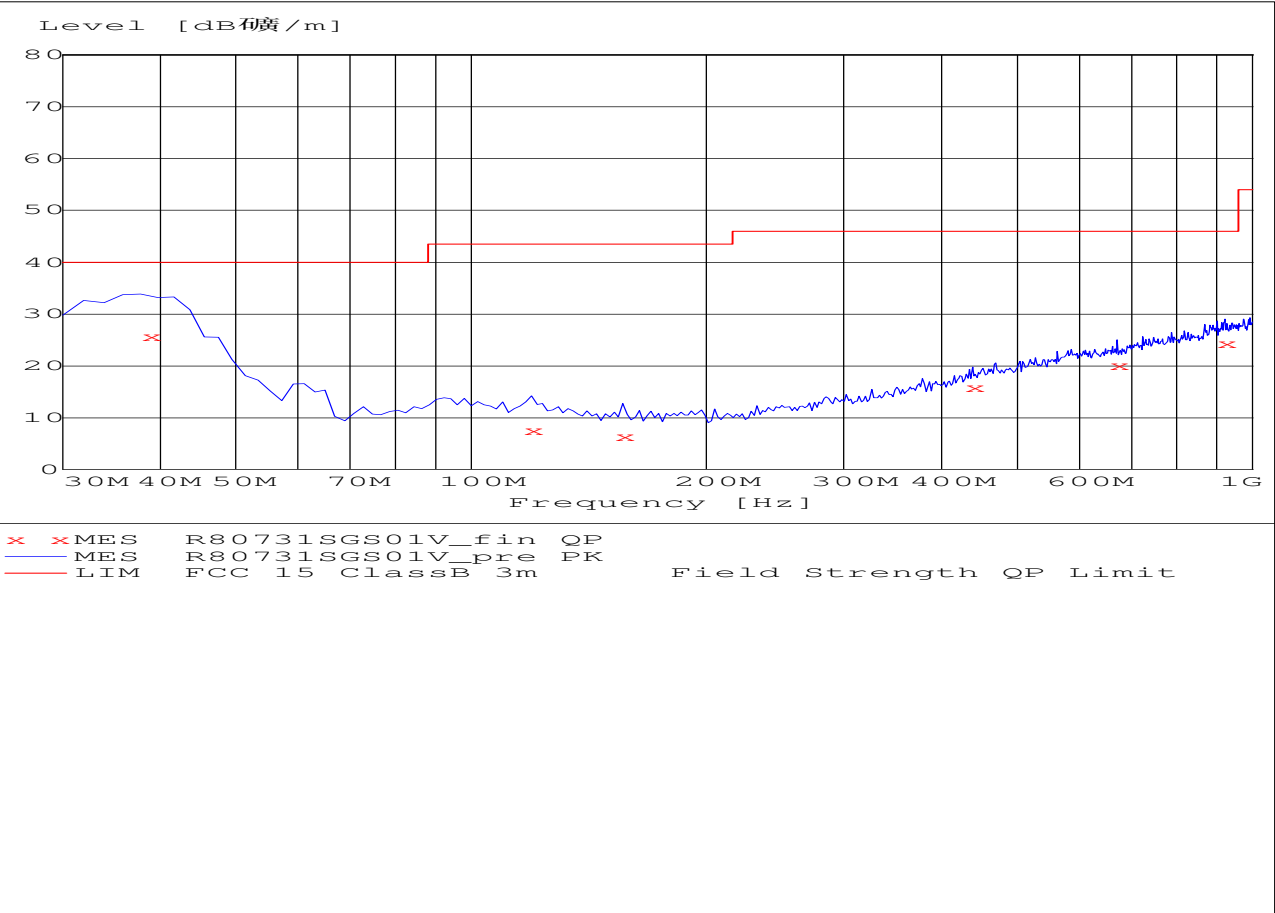
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Vertical:



Frequency (MHz)	Antenna Polarization	Receiver QP Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Turntable Angle (°)
38	Vertical	*	40	*		
119	Vertical	*	43.5	*		
156	Vertical	*	43.5	*		
438	Vertical	*	46	*		
671	Vertical	*	46	*		
922	Vertical	*	46	*		

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6.2 Conducted Emissions, 150kHz to 30MHz

Test Requirement: CFR 47 part 15
Test Method: ANSI C63.4
Test Date: July 03, 2008 to July 16, 2008
Frequency Range: 150kHz to 30MHz
Class: Class B
Limit: 66 dB μ V - 56 dB μ V between 150kHz & 500kHz Quasi-peak
56 dB μ V between 0.5MHz & 5MHz Quasi-peak
60 dB μ V between 5MHz & 30MHz Quasi-peak

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24.0°C Humidity: 58% RH Atmospheric
Pressure: 1004 mbar

EUT Operation: EUT allocated channel mode GSM1900 with each charger.

6.2.2 Test Result and Partial Measurement Data

Pass

An initial pre-scan was performed in the Shielding room using the receiver in peak detection mode. The EUT was measured for 2 orthogonal polarities and peak emissions from the EUT were detected within 6dB of the class B limit line.

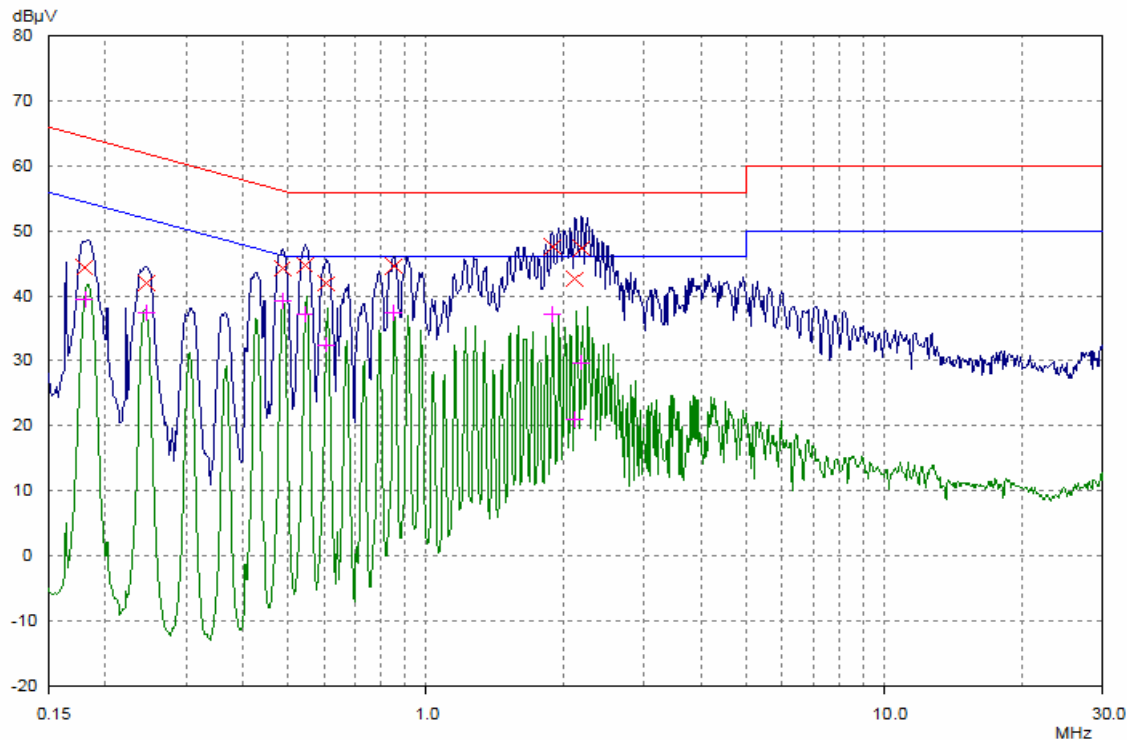
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Power supply 01
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.18017	44.40	64.48	20.08
0.24583	41.92	61.90	19.98
0.4878	44.16	56.21	12.05
0.54537	44.70	56.00	11.30
0.6049	41.88	56.00	14.12
0.85209	44.54	56.00	11.46
1.89034	47.53	56.00	8.47
2.11343	42.61	56.00	13.39
2.18187	47.33	56.00	8.67

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.18017	39.48	54.48	15.00
0.24583	37.44	51.90	14.46
0.4878	39.26	46.21	6.95
0.54537	37.13	46.00	8.87
0.6049	32.41	46.00	13.59
0.85209	37.34	46.00	8.66
1.89034	37.15	46.00	8.85
2.11343	20.88	46.00	25.12
2.18187	29.70	46.00	16.30

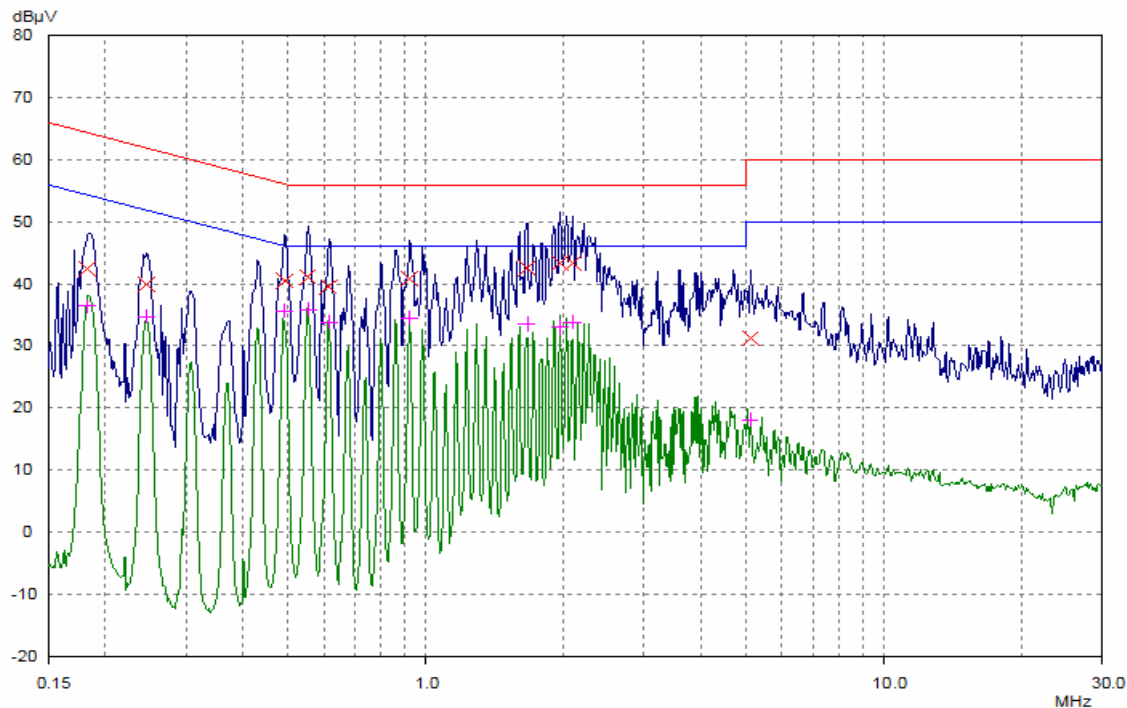
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.18306	42.45	64.35	21.90
0.24583	39.92	61.90	21.98
0.49171	40.42	56.14	15.72
0.55413	41.15	56.00	14.85
0.61461	39.54	56.00	16.46
0.92276	40.81	56.00	15.19
1.66407	42.50	56.00	13.50
1.96717	43.33	56.00	12.67
2.09665	43.40	56.00	12.60
5.11807	31.14	60.00	28.86

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.18306	36.42	54.35	17.93
0.24583	34.74	51.90	17.16
0.49171	35.62	46.14	10.52
0.55413	35.85	46.00	10.15
0.61461	33.81	46.00	12.19
0.92276	34.49	46.00	11.51
1.66407	33.44	46.00	12.56
1.96717	32.99	46.00	13.01
2.09665	33.80	46.00	12.20
5.11807	18.04	50.00	31.96

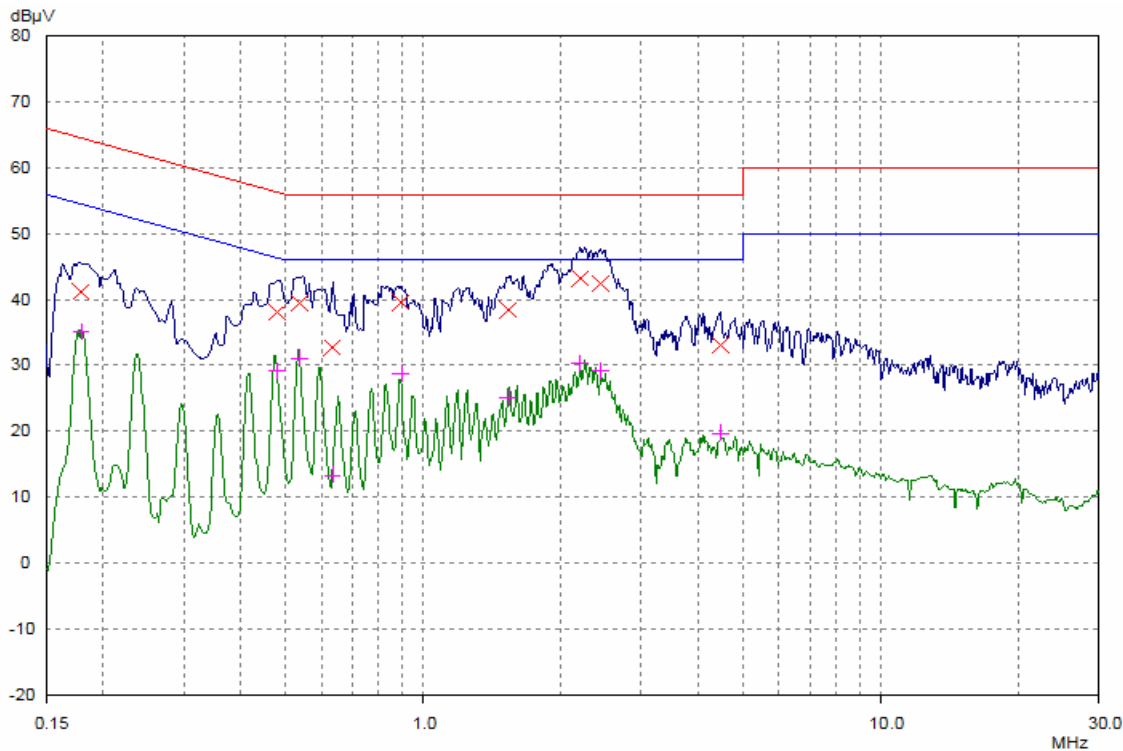
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Power supply 02
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.17874	41.25	64.54	23.29
0.48009	38.05	56.34	18.29
0.53675	39.49	56.00	16.51
0.63452	32.72	56.00	23.28
0.89382	39.60	56.00	16.40
1.53662	38.42	56.00	17.58
2.19933	43.21	56.00	12.79
2.43936	42.42	56.00	13.58
4.46969	33.09	56.00	22.91

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.17874	35.05	54.54	19.49
0.48009	29.22	46.34	17.12
0.53675	31.12	46.00	14.88
0.63452	13.34	46.00	32.66
0.89382	28.67	46.00	17.33
1.53662	25.03	46.00	20.97
2.19933	30.30	46.00	15.70
2.43936	29.11	46.00	16.89
4.46969	19.65	46.00	26.35

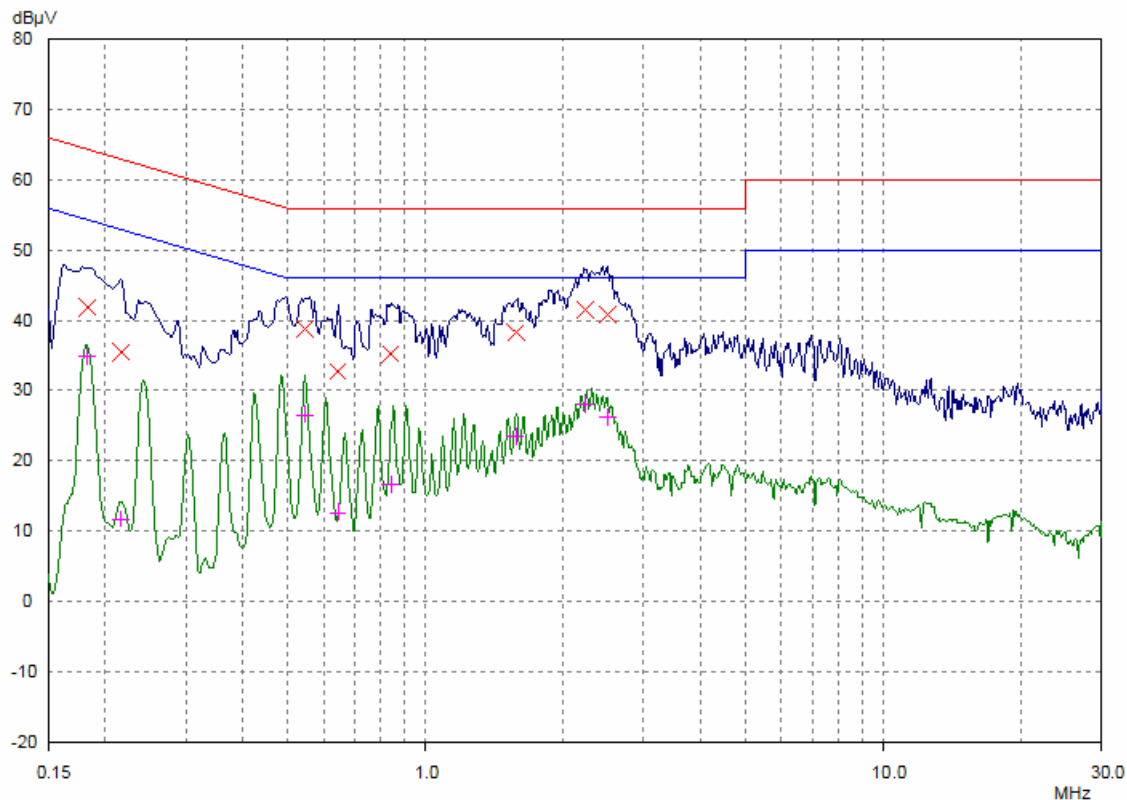
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.18306	41.87	64.35	22.48
0.2164	35.45	62.96	27.51
0.54537	38.79	56.00	17.21
0.64471	32.68	56.00	23.32
0.83862	35.11	56.00	20.89
1.57379	38.30	56.00	17.70
2.23466	41.46	56.00	14.54
2.49838	40.89	56.00	15.11

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.18306	34.78	54.35	19.57
0.2164	11.75	52.96	41.21
0.54537	26.53	46.00	19.47
0.64471	12.62	46.00	33.38
0.83862	16.67	46.00	29.33
1.57379	23.47	46.00	22.53
2.23466	27.92	46.00	18.08
2.49838	26.23	46.00	19.77

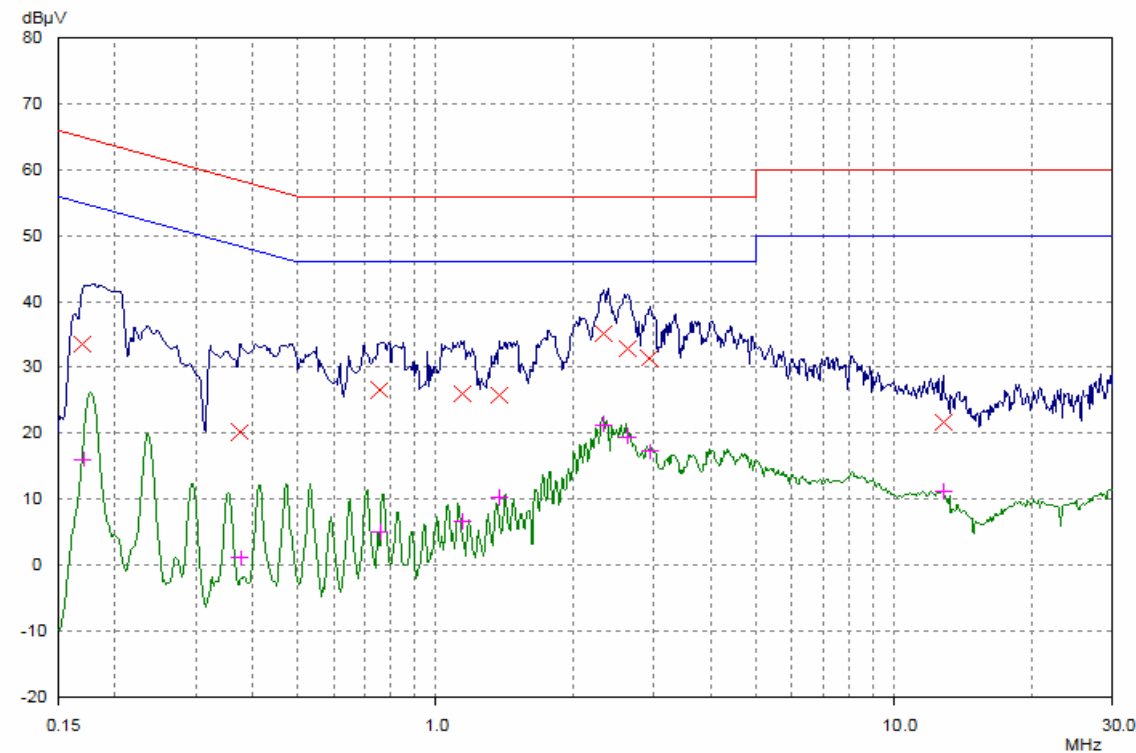
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Power supply 03
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.17039	33.47	64.94	31.47
0.37501	20.15	58.39	38.24
0.7561	26.58	56.00	29.42
1.14426	25.99	56.00	30.01
1.37441	25.83	56.00	30.17
2.32548	35.12	56.00	20.88
2.62073	32.81	56.00	23.19
2.93001	31.38	56.00	24.62
12.79582	21.69	60.00	38.31

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.17039	16.07	54.94	38.87
0.37501	1.05	48.39	47.34
0.7561	5.03	46.00	40.97
1.14426	6.55	46.00	39.45
1.37441	10.19	46.00	35.81
2.32548	21.33	46.00	24.67
2.62073	19.52	46.00	26.48
2.93001	17.21	46.00	28.79
12.79582	11.23	50.00	38.77

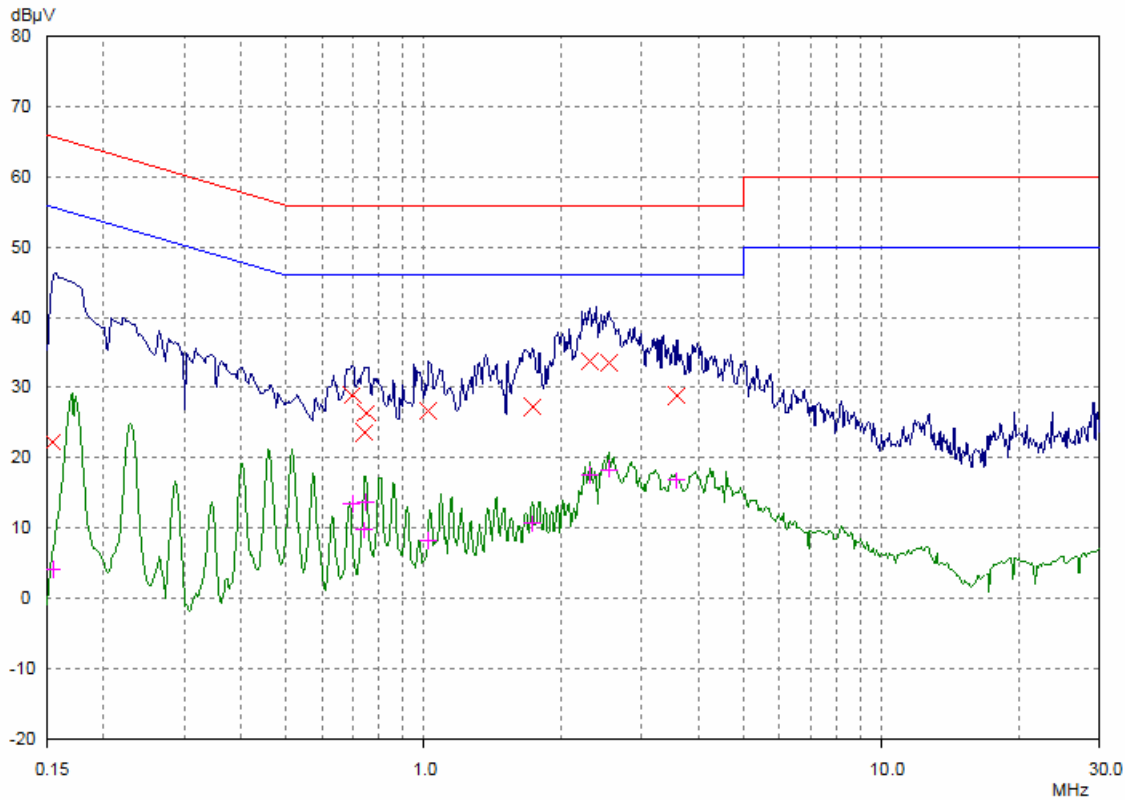
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N line:



Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.15485	22.18	65.74	43.56
0.69819	28.97	56.00	27.03
0.74414	23.57	56.00	32.43
0.75009	26.46	56.00	29.54
1.02348	26.73	56.00	29.27
1.7317	27.29	56.00	28.71
2.30703	33.70	56.00	22.30
2.53851	33.54	56.00	22.46
3.57588	28.77	56.00	27.23

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.15485	4.04	55.74	51.70
0.69819	13.39	46.00	32.61
0.74414	9.75	46.00	36.25
0.75009	13.69	46.00	32.31
1.02348	8.10	46.00	37.90
1.7317	10.60	46.00	35.40
2.30703	17.62	46.00	28.38
2.53851	18.33	46.00	27.67
3.57588	16.81	46.00	29.19

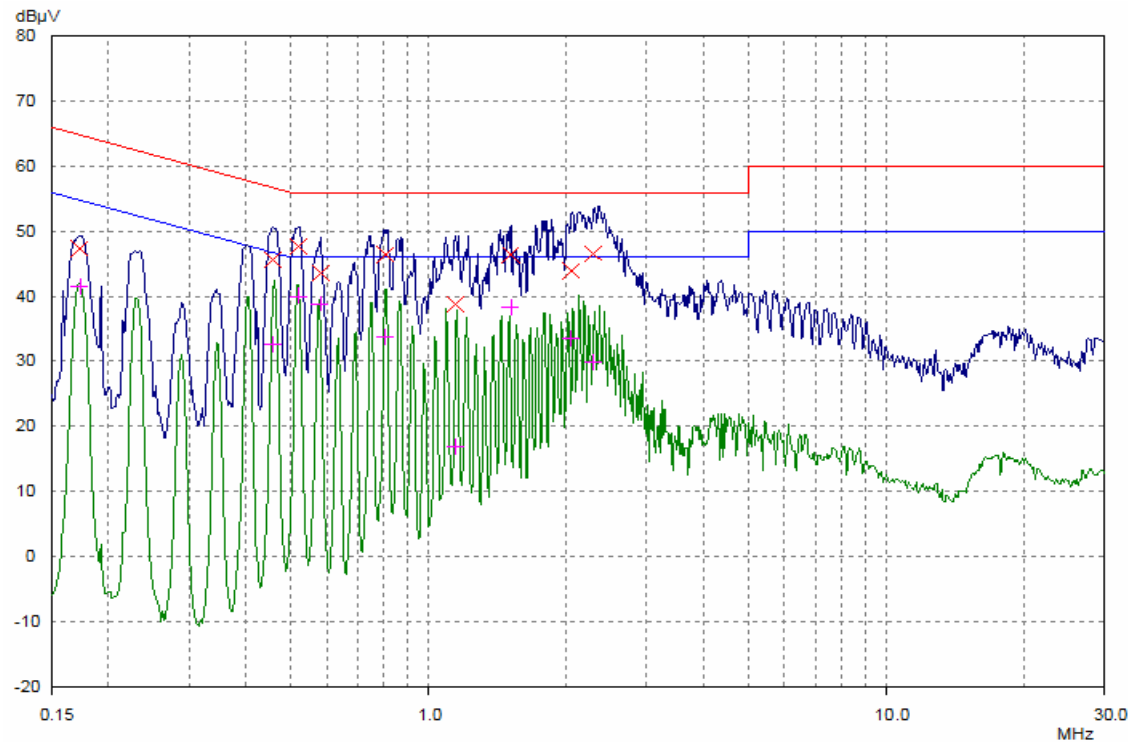
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Power supply 04
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.17313	47.29	64.81	17.52
0.45768	45.60	56.73	11.13
0.51991	47.68	56.00	8.32
0.58127	43.50	56.00	12.50
0.80586	46.46	56.00	9.54
1.14426	38.73	56.00	17.27
1.51232	46.33	56.00	9.67
2.04713	43.95	56.00	12.05
2.28872	46.57	56.00	9.43

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.17313	41.44	54.81	13.37
0.45768	32.66	46.73	14.07
0.51991	39.99	46.00	6.01
0.58127	38.83	46.00	7.17
0.80586	33.79	46.00	12.21
1.14426	16.88	46.00	29.12
1.51232	38.25	46.00	7.75
2.04713	33.58	46.00	12.42
2.28872	29.76	46.00	16.24

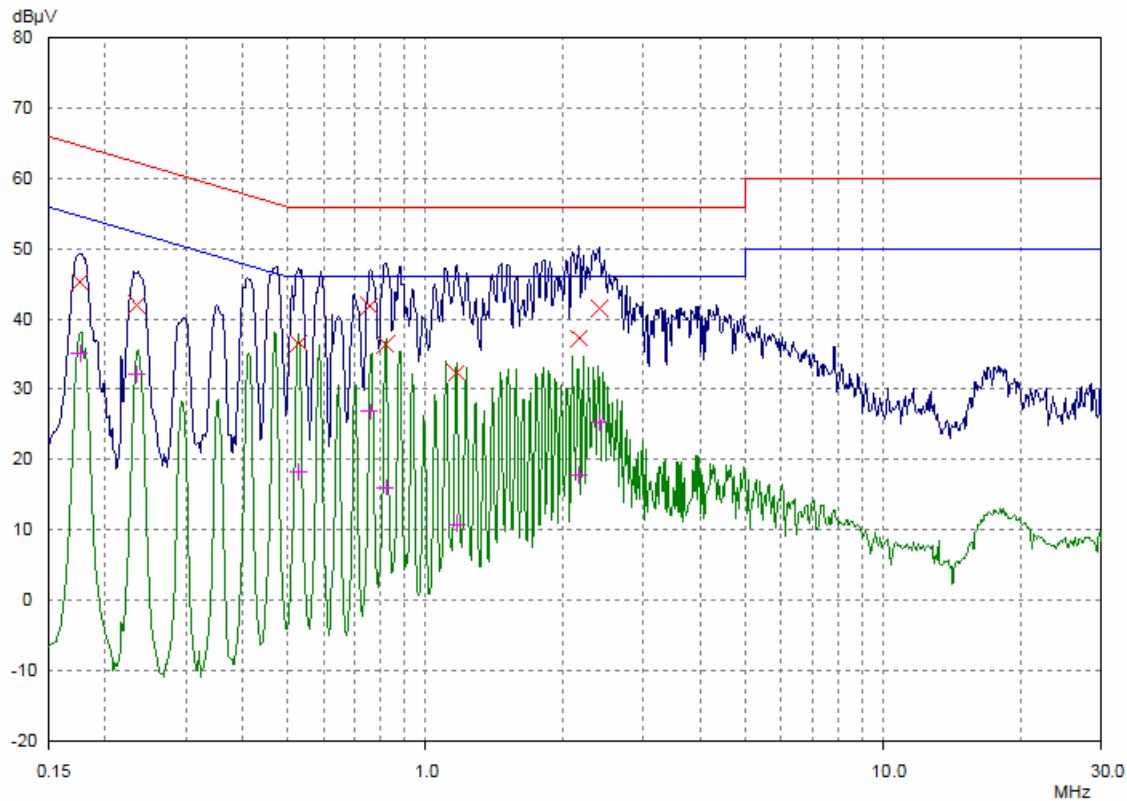
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.17591	45.16	64.68	19.52
0.23435	42.01	62.29	20.28
0.52826	36.53	56.00	19.47
0.7561	41.82	56.00	14.18
0.81881	36.29	56.00	19.71
1.17194	32.30	56.00	23.70
2.16455	37.26	56.00	18.74
2.4008	41.53	56.00	14.47

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.17591	35.10	54.68	19.58
0.23435	32.10	52.29	20.19
0.52826	18.16	46.00	27.84
0.7561	26.85	46.00	19.15
0.81881	16.06	46.00	29.94
1.17194	10.81	46.00	35.19
2.16455	17.79	46.00	28.21
2.4008	25.30	46.00	20.70

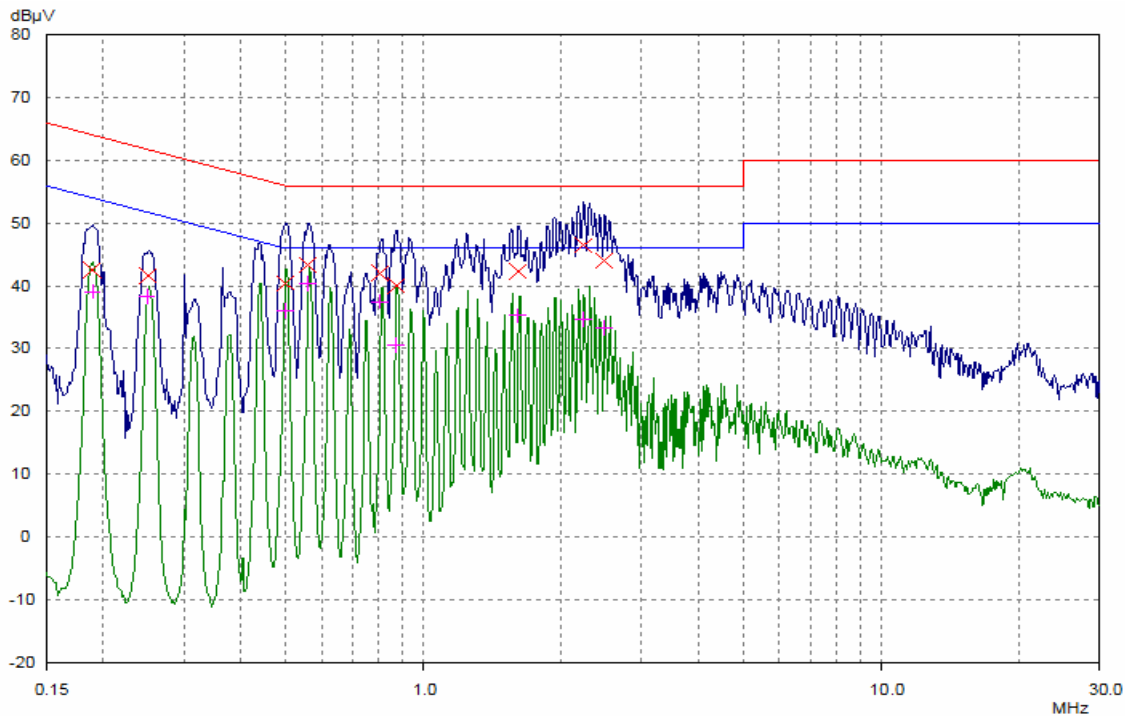
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Power supply 05
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBuV	QP Limit dBuV	QP Delta dB
0.18899	42.46	64.08	21.62
0.24978	41.64	61.76	20.12
0.49961	40.38	56.01	15.63
0.55857	43.35	56.00	12.65
0.80586	42.00	56.00	14.00
0.8727	40.09	56.00	15.91
1.61186	42.39	56.00	13.61
2.23466	46.42	56.00	9.58
2.47855	44.02	56.00	11.98

Frequency MHz	AV Level dBuV	AV Limit dBuV	AV Delta dB
0.18899	39.09	54.08	14.99
0.24978	38.28	51.76	13.48
0.49961	35.95	46.01	10.06
0.55857	40.28	46.00	5.72
0.80586	37.48	46.00	8.52
0.8727	30.50	46.00	15.50
1.61186	35.23	46.00	10.77
2.23466	34.63	46.00	11.37
2.47855	33.27	46.00	12.73

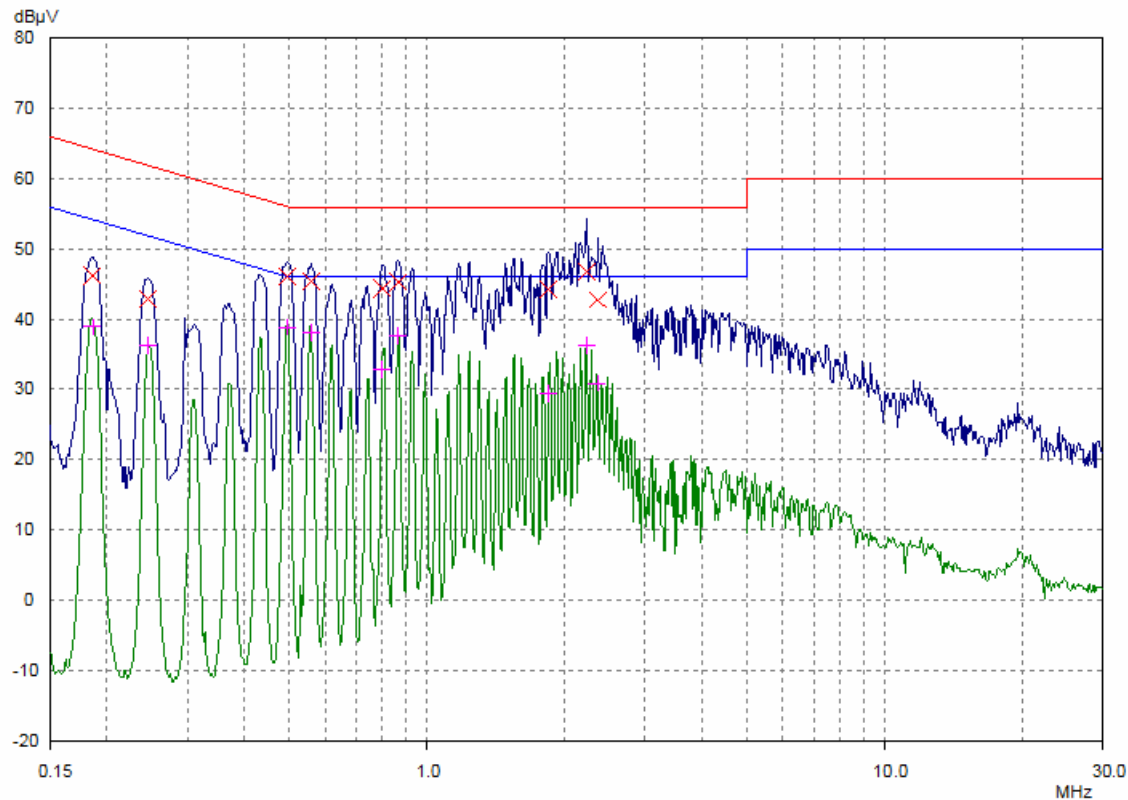
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.186	46.22	64.21	17.99
0.24583	42.92	61.90	18.98
0.49564	46.09	56.07	9.98
0.55857	45.46	56.00	10.54
0.79947	44.31	56.00	11.69
0.86578	45.32	56.00	10.68
1.84569	44.26	56.00	11.74
2.23466	46.74	56.00	9.26
2.36284	42.73	56.00	13.27

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.186	38.92	54.21	15.29
0.24583	36.28	51.90	15.62
0.49564	38.81	46.07	7.26
0.55857	38.06	46.00	7.94
0.79947	32.86	46.00	13.14
0.86578	37.65	46.00	8.35
1.84569	29.41	46.00	16.59
2.23466	36.26	46.00	9.74
2.36284	30.80	46.00	15.20

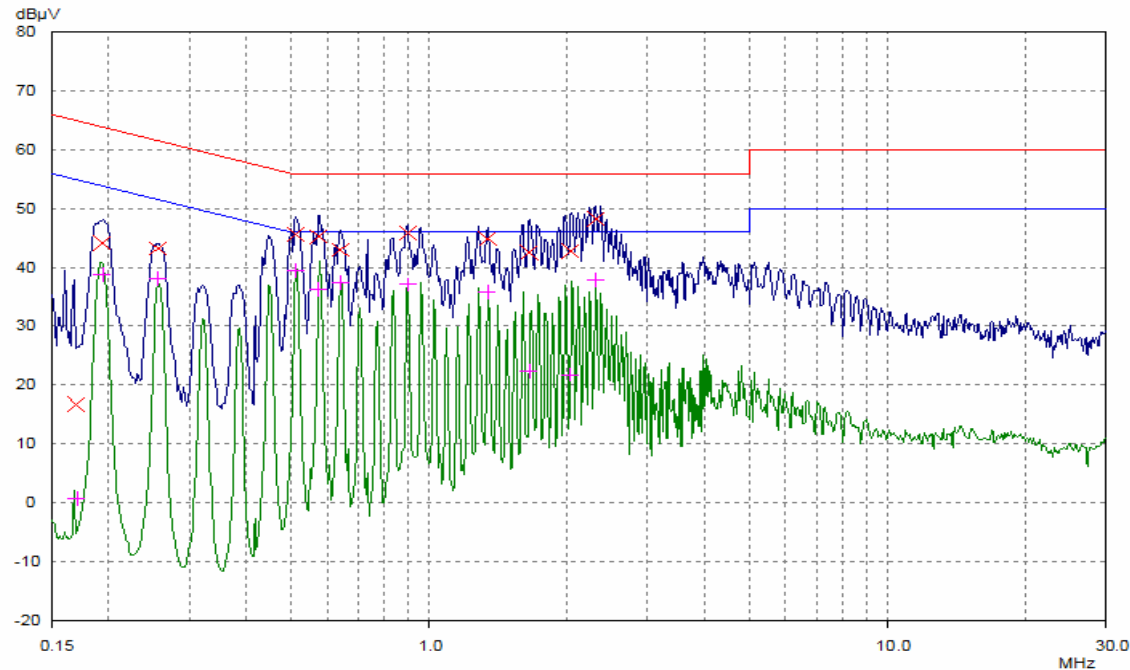
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Power supply 06
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.17039	16.66	64.94	48.28
0.19356	44.11	63.88	19.77
0.25582	43.22	61.57	18.35
0.51169	45.55	56.00	10.45
0.57208	45.24	56.00	10.76
0.63959	42.97	56.00	13.03
0.89382	45.85	56.00	10.15
1.34195	44.85	56.00	11.15
1.65086	42.58	56.00	13.42
2.03087	42.77	56.00	13.23
2.30703	48.22	56.00	7.78

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.17039	0.62	54.94	54.32
0.19356	38.75	53.88	15.13
0.25582	38.03	51.57	13.54
0.51169	39.30	46.00	6.70
0.57208	36.21	46.00	9.79
0.63959	37.36	46.00	8.64
0.89382	37.02	46.00	8.98
1.34195	35.77	46.00	10.23
1.65086	22.36	46.00	23.64
2.03087	21.72	46.00	24.28
2.30703	37.77	46.00	8.23

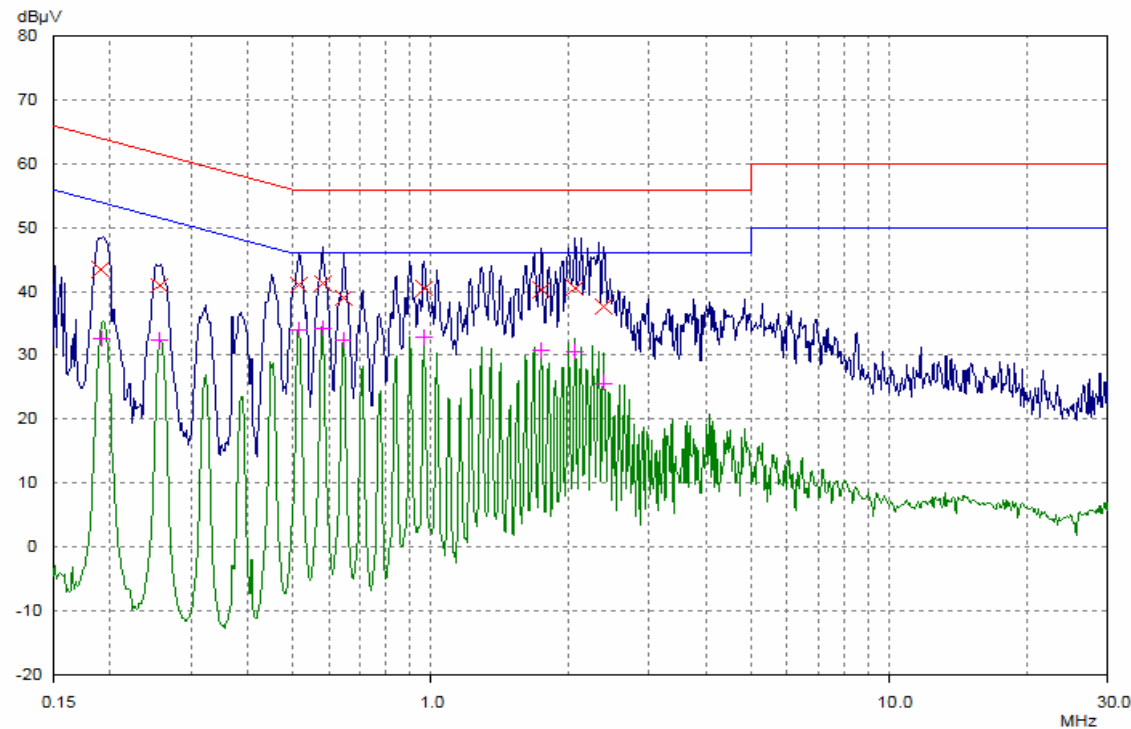
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.1905	43.47	64.01	20.54
0.25582	40.96	61.57	20.61
0.51578	41.10	56.00	14.90
0.58127	41.29	56.00	14.71
0.64471	38.95	56.00	17.05
0.96795	40.49	56.00	15.51
1.74556	40.28	56.00	15.72
2.0635	40.53	56.00	15.47
2.38174	37.60	56.00	18.40

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.1905	32.51	54.01	21.50
0.25582	32.28	51.57	19.29
0.51578	34.05	46.00	11.95
0.58127	34.17	46.00	11.83
0.64471	32.33	46.00	13.67
0.96795	32.75	46.00	13.25
1.74556	30.83	46.00	15.17
2.0635	30.62	46.00	15.38
2.38174	25.64	46.00	20.36

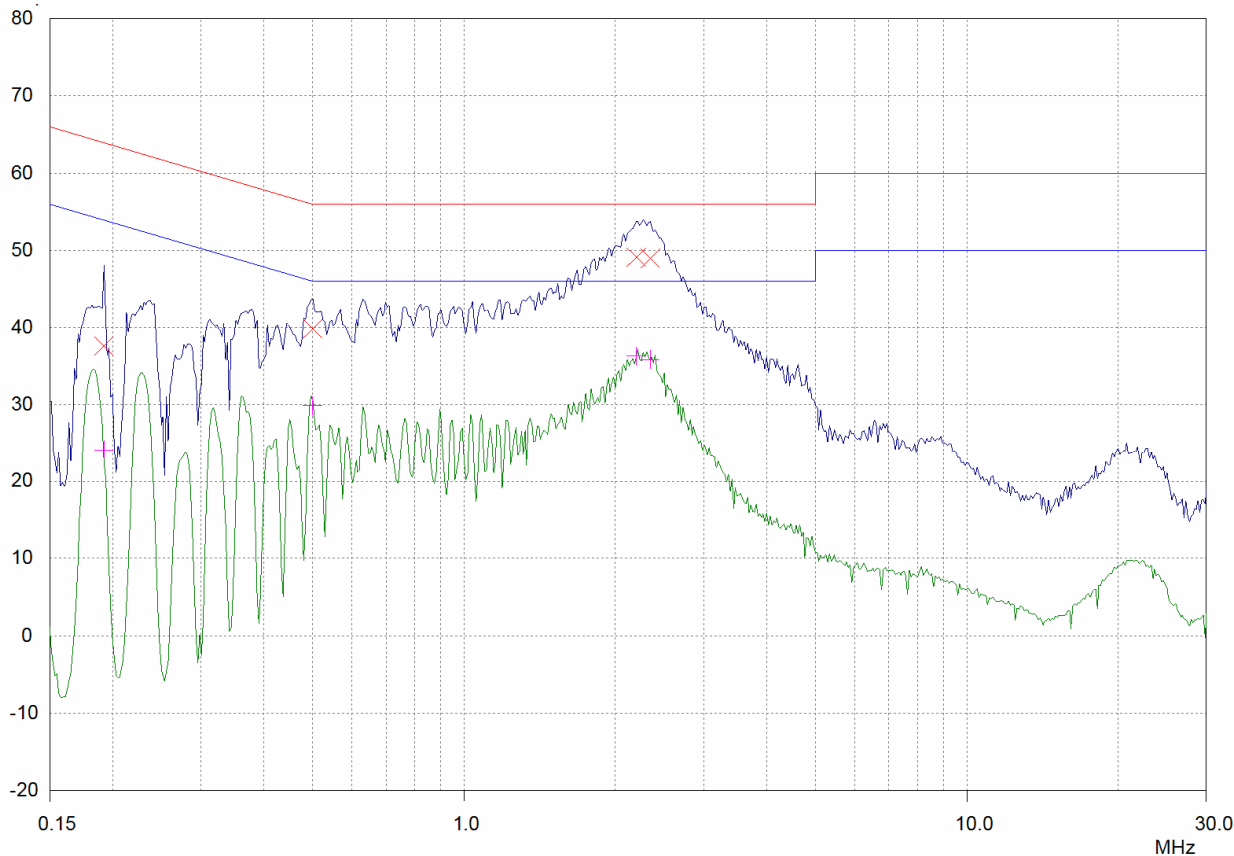
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Bluetooth headset+ Power supply 05
GSM1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.19202	37.55	63.95	26.40
0.49961	39.85	56.01	16.16
2.19933	49.08	56.00	6.92
2.34409	48.98	56.00	7.02

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.19202	24.11	53.95	29.84
0.49961	29.89	46.01	16.12
2.19933	36.25	46.00	9.75
2.34409	35.81	46.00	10.19

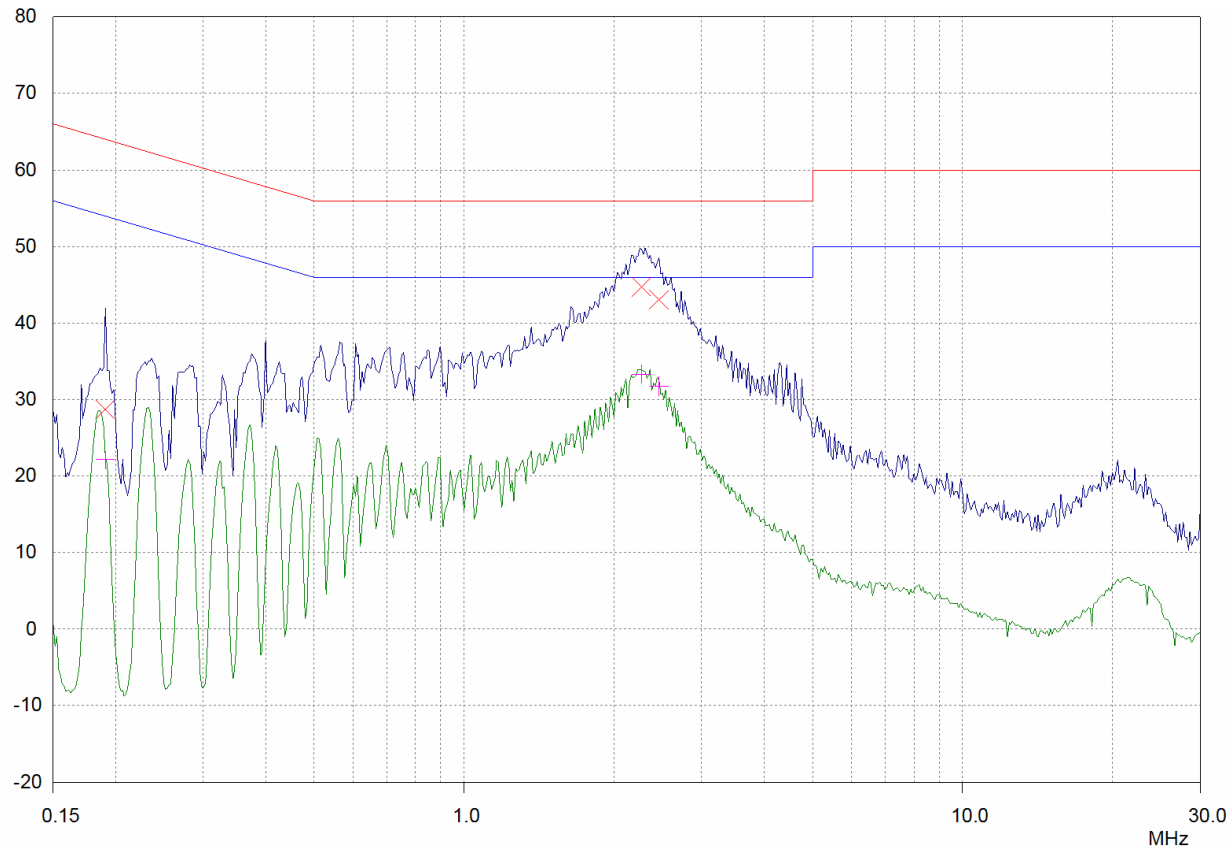
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.1905	28.72	64.01	35.29
2.27055	44.76	56.00	11.24
2.45888	43.07	56.00	12.93

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.1905	22.04	54.01	31.97
2.27055	33.34	46.00	12.66
2.45888	31.73	46.00	14.27

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7 Photographs

7.1 Radiated Emission Test Setup

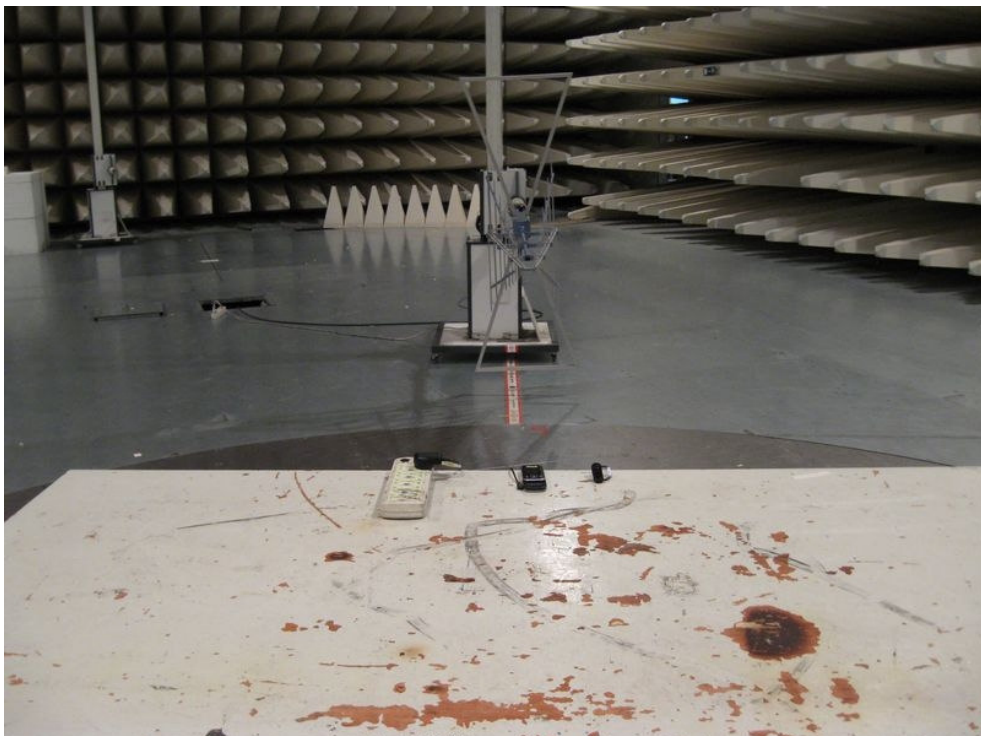


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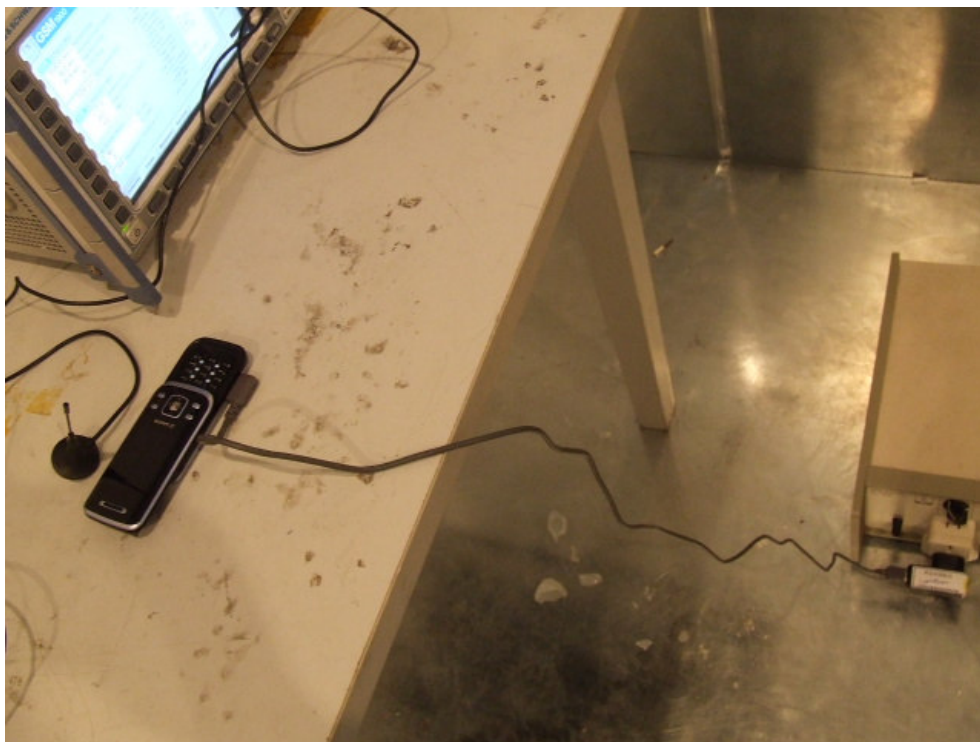
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7.2 Conducted Emission Setup



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7.3 EUT Constructional Details



Power supply 01



Power supply 01

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Power supply 02



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Power supply 03



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Power supply 04



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Power supply 05



Power supply 05

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Power supply 06



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Power supply 07



Power supply 07

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USB Data Cable



Headset 01

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Headset 02



Bluetooth headset

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GSM Mobile Phone



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GSM Mobile Phone



Battery

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