

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

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FCC TEST REPORT(DOC)

Application No.: SHEMO061000005IT

Applicant: T&A Mobile Phones

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.: C65a

Marketing Name: OT-E805a

Item No.: Not supplied by client

Serial No.: Not supplied by client

Standards: CFR 47 part 2: 2004,
CFR 47 Part 15: 2005,
ANSI C63.4: 2003

Date of Receipt: 10 October 2006

Date of Test: 12 October 2006 to 27 October 2006

Date of Issue: 2 November 2006

Test Result :	PASS
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Authorized Signature:



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



Jacky Cao
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

Note: the adapters used in OT-E805a were the same as which used in OT-E801a, so the test data of conducted emission was refer to OT-E801a

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4 General Information

4.1 Client Information

Applicant: T&A Mobile Phones
Address of Applicant: 3/F, B2 Block, Digital Technology Yard, Gaoxin Nan Qi Road,
Nan Shan District, Shenzhen, Guangdong, P.R.China

4.2 General Description of E.U.T.

EUT Name: GSM Mobile Phone
Model No.: C65a
Marketing Name: OT-E805a
Brand Name: Not supplied by client
Serial No.: Not supplied by client

4.3 Details of E.U.T.

Power Supply01: AC to DC charger (Model NO: 3DS11022AGAA
Input :100-240 Vac, 50/60 Hz, 0.15 A, Class II ;
Output: 5.0 VDC, 0.5 A)
Manufactures: Leader

Power Cord01: 2.0m

Power Supply02: AC to DC charger (Model NO: 3DS11022AHAA
Input :100-240 Vac, 50/60 Hz, 0.15 A, Class II ;
Output: 5.0 VDC, 0.5 A)
Manufactures: Leader

Power Cord02: 2.0m

Power Supply03: AC to DC charger (Model NO: T5000436AGAA
Input :100-240 Vac, 50/60 Hz, 0.15 A,
Output: 5.0 VDC, 0.4 A)
Manufactures: Tenpao

Power Cord03: 2.0m

Power Supply04: AC to DC charger (Model NO: T5000436AHAA
Input :100-240 Vac, 50/60 Hz, 0.15 A,
Output: 5.0 VDC, 0.4 A)
Manufactures: Tenpao

Power Cord04: 2.0m

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Cigar lighter charger	DC charger (Model NO:3DS11023 AAAA Input: 12 - 24VDC, 0,3 A) Manufactures: Leader
Data cable	Model NO: T5000200AAAA Manufacturers: Quancheng
Headset	Model NO: T5000324AAAA Manufacturers: Quancheng
Battery	DC 3.7V / 650mAh modle: 3DS11080AAAA Manufacturers: BYD

4.4 Description of Support Units

Name / Function	Model No	Remark
N/A	N/A	N/A

4.5 Standards Applicable for Testing

The customer requested EMC tests for a GSM Mobile Phone.

The standards used was CFR 47 part 2: 2004 and CFR 47 part 15: 2005:

Table 1 : Tests Carried Out Under CFR 47 Part 15: 2005 :

Standard		Status
FCC Part 15 Subpart B: 2005	Radiated Emission	√
FCC Part 15 Subpart B: 2005	Conducted Emission	√

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

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

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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, 2004.

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, 2007

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 (dd-mm-yy)	Cal.Due date (dd-mm-yy)
1	HORN ANTENNA	R&S	HF 906	100023	2006-06-17	2007-06-16
2	BROADBAND ANTENNA	R&S	HL 562	100019	2006-06-17	2007-06-16
3	EMI TEST RECEIVER	R&S	ESI 26	838786/011	2006-03-06	2007-03-05
4	UNIVERSAL RADIO COMMUNICATION TESTER	R&S	CMU 200	100536	2006-01-25	2007-01-24

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (dd-mm-yy)	Cal.Due date (dd-mm-yy)
1	EMI test receiver	Rohde & Schwarz	ESCS30	100086	2006-6-29	2007-6-28
2	Line impedance stabilization network	ETS	3816/2	00034161	2006-6-29	2007-6-28

General Equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due date
1	Temperature, Humidity & Barometer	Oregon Scientific	BA-888	EMC0001 to EMC0004	2006-07-25	2007-07-24
2	DMM	Fluke	73	70681569 or 70671122	2006-07-23	2007-07-22

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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:	October 19, 2006
Frequency Range:	30MHz to 1GHz
Measurement Distance:	3m for ANSI C63.4 and 10m for CISPR 22
Class:	N/A
Detector:	Peak for pre-scan (120kHz resolution bandwidth)

6.1.1 E.U.T. Operation

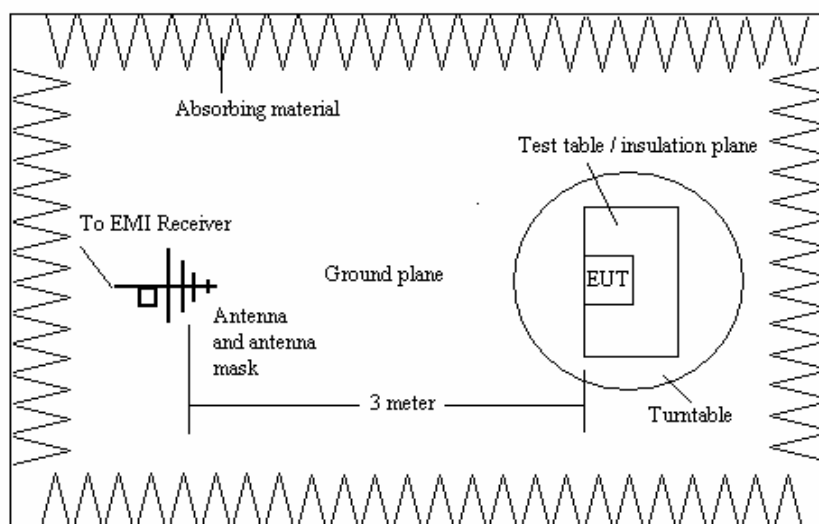
Operating Environment:

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

EUT Operation: EUT allocated channel mode GSM850&PCS 1900 with charger and data cable.

And we just choose the worst case for the report

6.1.2 Test setup:



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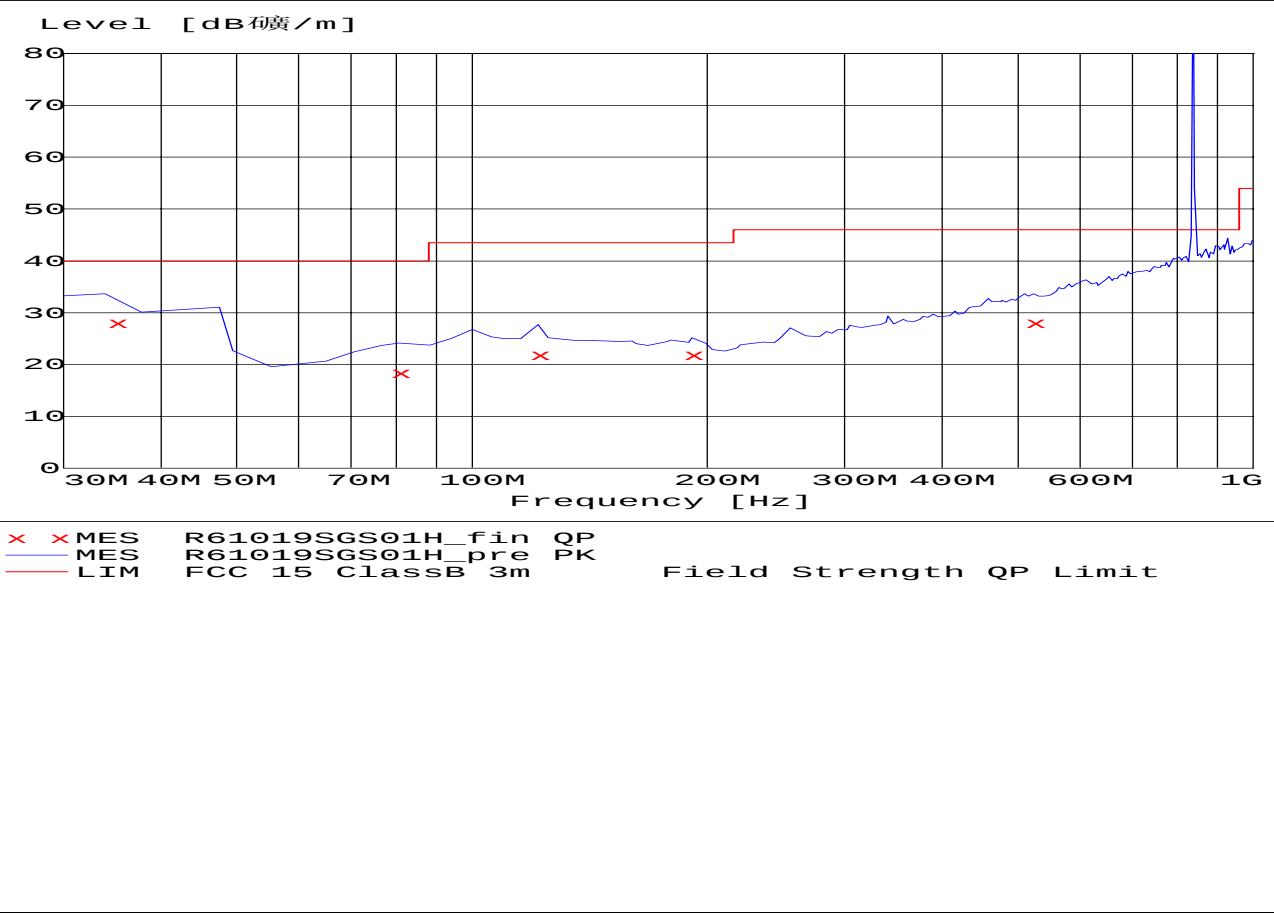
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6.1.3 Test Result:

GSM850 dedicated: (test with the adapter of power supply 01)

Horizontal:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	

34.981120	28.01	100.0	180.00	HORIZONTAL
80.541082	18.32	200.0	270.00	HORIZONTAL
121.362725	21.80	100.0	180.00	HORIZONTAL
191.342685	21.89	400.0	180.00	HORIZONTAL
523.747495	27.98	400.0	90.00	HORIZONTAL

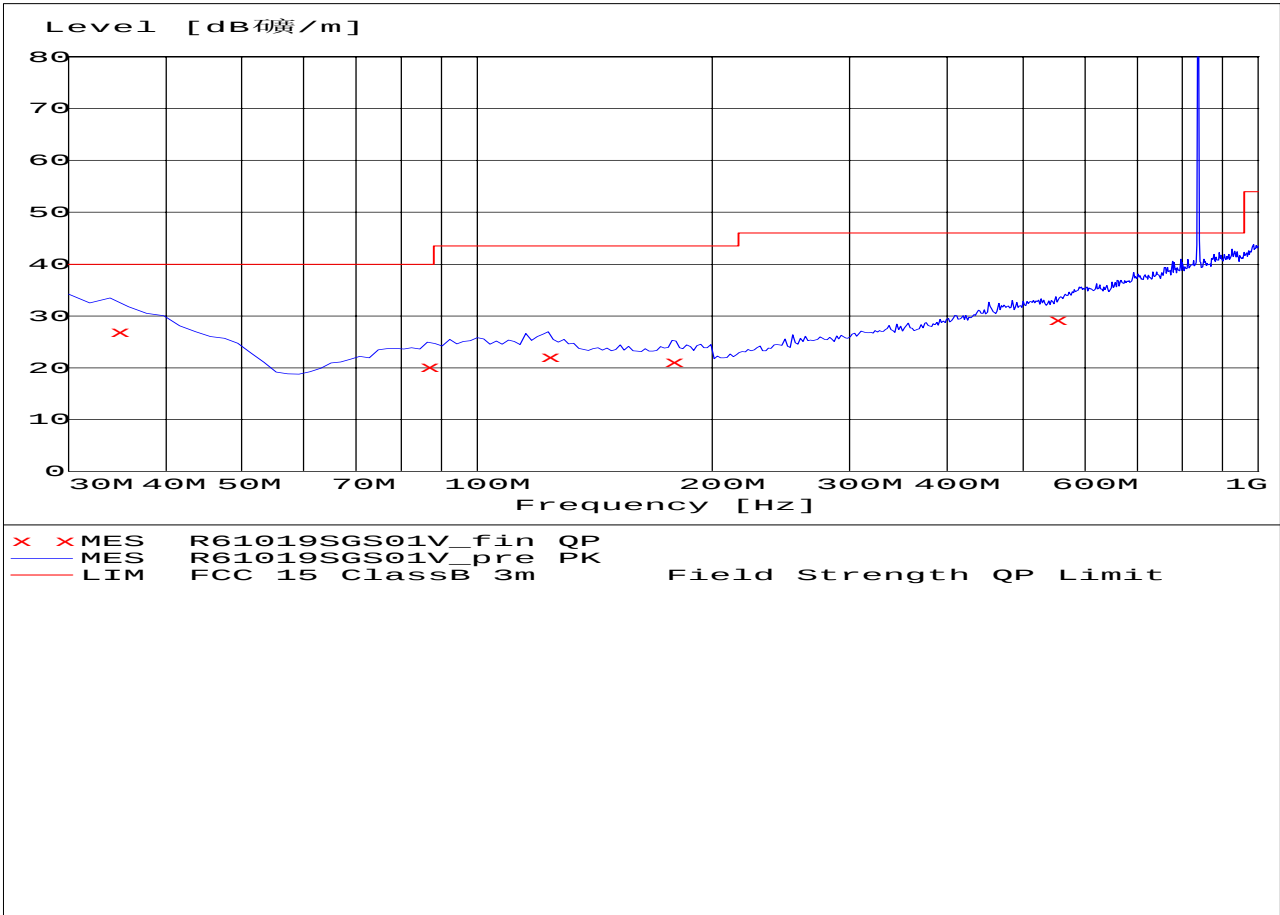
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	

34.709419	26.91	100.0	180.00	VERTICAL
86.372745	20.12	200.0	0.00	VERTICAL
123.306613	22.02	100.0	270.00	VERTICAL
177.735471	20.98	200.0	90.00	VERTICAL
550.961924	29.23	300.0	90.00	VERTICAL

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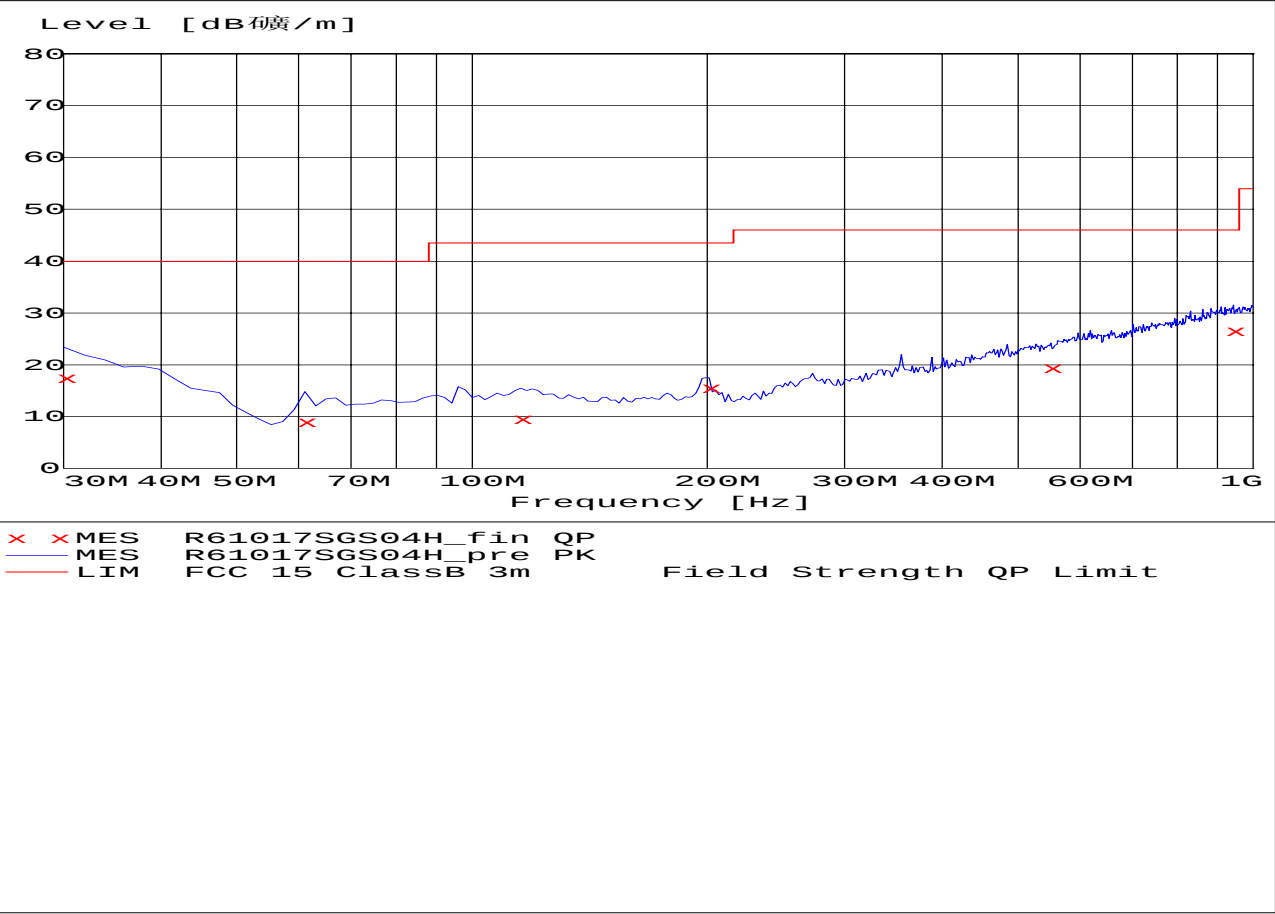
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GSM1900 dedicated: (test with the adapter of power supply 01)

Horizontal:



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
30.085979	17.39	300.0	90.00	HORIZONTAL	40.00	22.61
61.102204	8.85	300.0	0.00	HORIZONTAL	40.00	31.15
115.531062	9.51	200.0	0.00	HORIZONTAL	43.50	33.99
201.062124	15.49	200.0	0.00	HORIZONTAL	43.50	28.01
550.961924	19.22	400.0	180.00	HORIZONTAL	46.00	26.78
943.627255	26.51	300.0	180.00	HORIZONTAL	46.00	19.49

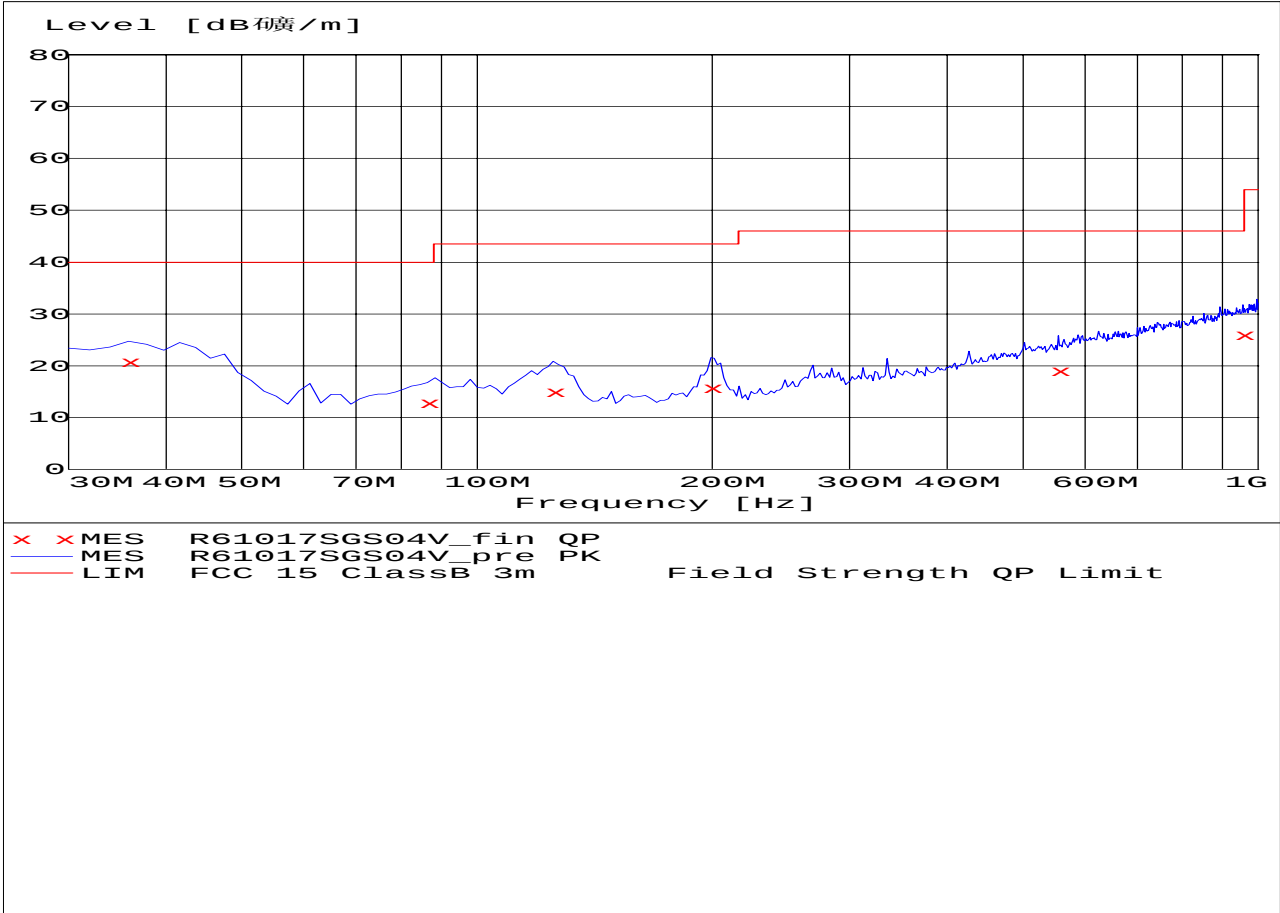
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
35.831663	20.76	100.0	0.00	VERTICAL	40.00	19.24
86.372745	12.74	100.0	180.00	VERTICAL	40.00	27.26
125.250501	14.85	100.0	270.00	VERTICAL	43.50	28.65
199.118236	15.62	100.0	180.00	VERTICAL	43.50	27.88
554.849699	18.81	300.0	180.00	VERTICAL	46.00	27.19
955.290581	25.79	300.0	0.00	VERTICAL	46.00	20.21

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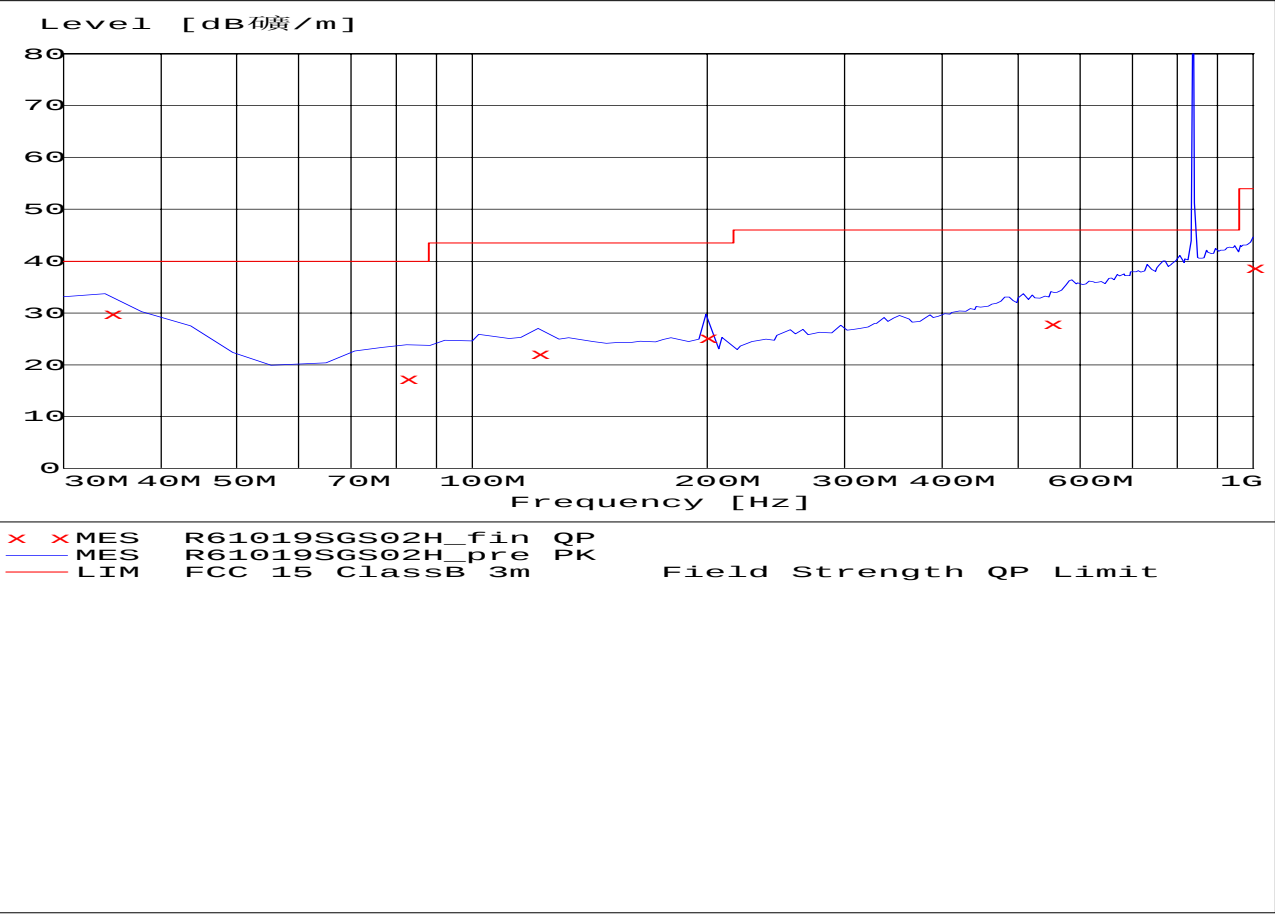
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GSM850 dedicated: (test with the adapter of power supply 02)

Horizontal:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	
34.461452	29.70	400.0	270.00	HORIZONTAL
82.484970	17.22	200.0	270.00	HORIZONTAL
121.362725	21.99	300.0	0.00	HORIZONTAL
199.118236	25.11	100.0	0.00	HORIZONTAL
550.961924	27.89	100.0	0.00	HORIZONTAL
1000.000000	38.54	100.0	90.00	HORIZONTAL

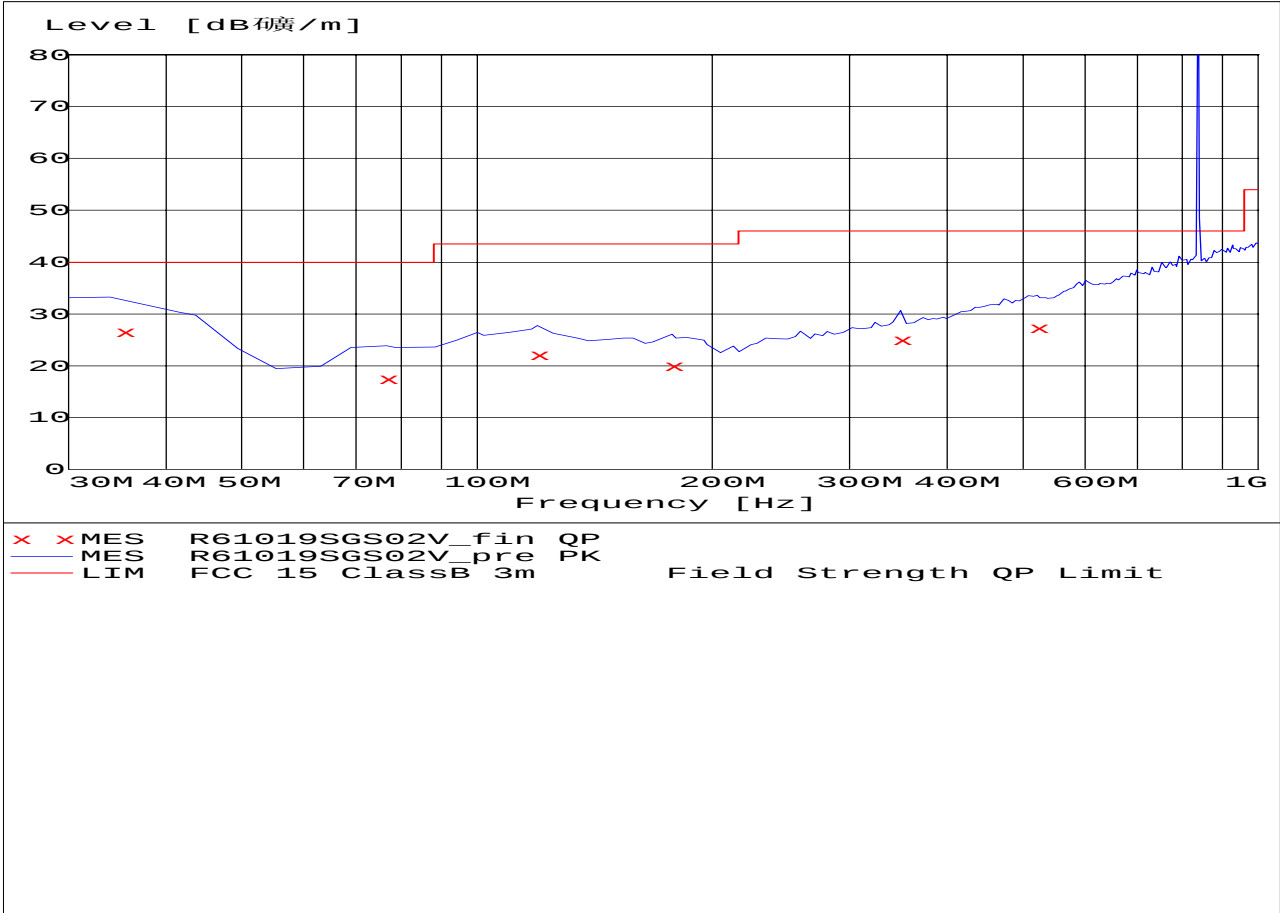
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Vertical:



Frequency Level Height Azimuth Polarisation
MHz dBμV/m cm deg

35.263100	26.59	100.0	180.00	VERTICAL
76.653307	17.53	200.0	180.00	VERTICAL
119.418838	22.13	300.0	0.00	VERTICAL
177.735471	19.92	100.0	90.00	VERTICAL
348.797595	24.99	300.0	270.00	VERTICAL
521.803607	27.32	400.0	90.00	VERTICAL

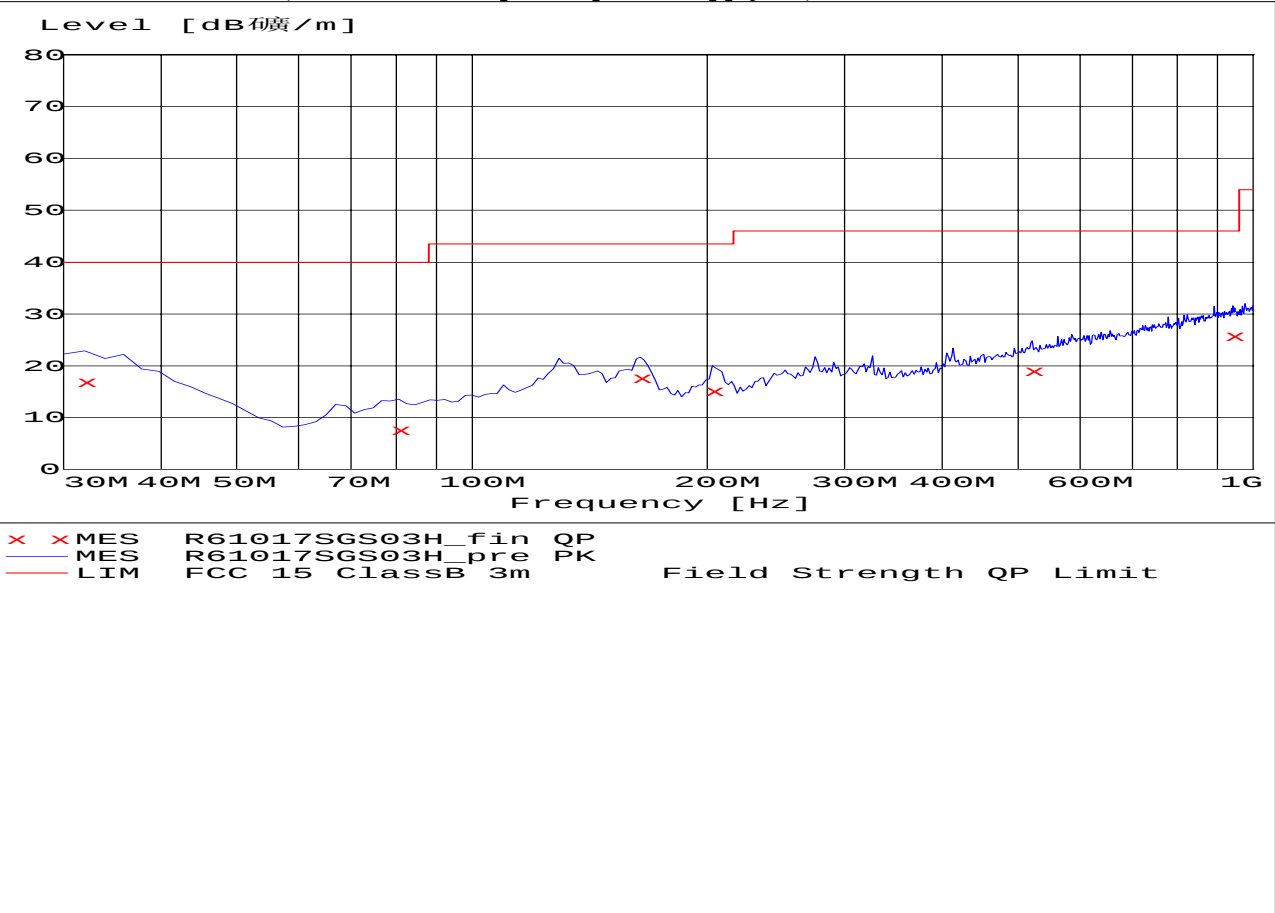
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GSM1900 dedicated: (test with the adapter of power supply 02)



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
31.943888	16.86	300.0	90.00	HORIZONTAL	40.00	23.14
80.541082	7.52	100.0	0.00	HORIZONTAL	40.00	32.48
164.128257	17.63	200.0	0.00	HORIZONTAL	43.50	25.87
203.006012	15.03	100.0	0.00	HORIZONTAL	43.50	28.47
521.803607	18.82	100.0	180.00	HORIZONTAL	46.00	27.18
941.683367	25.61	100.0	270.00	HORIZONTAL	46.00	20.39

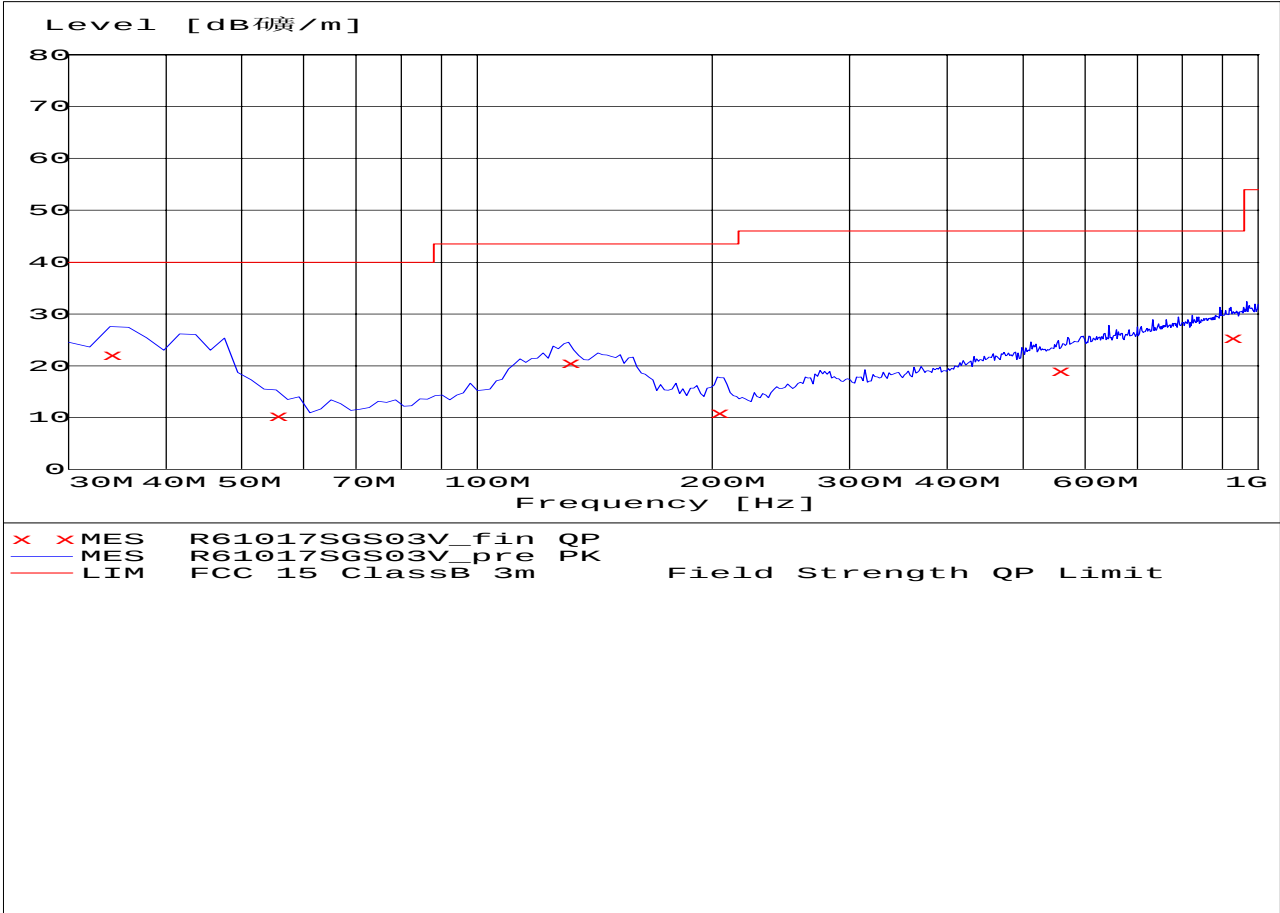
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
33.887776	22.16	100.0	180.00	VERTICAL	40.00	17.84
55.270541	10.35	100.0	270.00	VERTICAL	40.00	29.65
131.082164	20.43	100.0	180.00	VERTICAL	43.50	23.07
203.006012	10.83	100.0	180.00	VERTICAL	43.50	32.67
554.849699	18.86	300.0	90.00	VERTICAL	46.00	27.14
922.244489	25.31	200.0	0.00	VERTICAL	46.00	0.00

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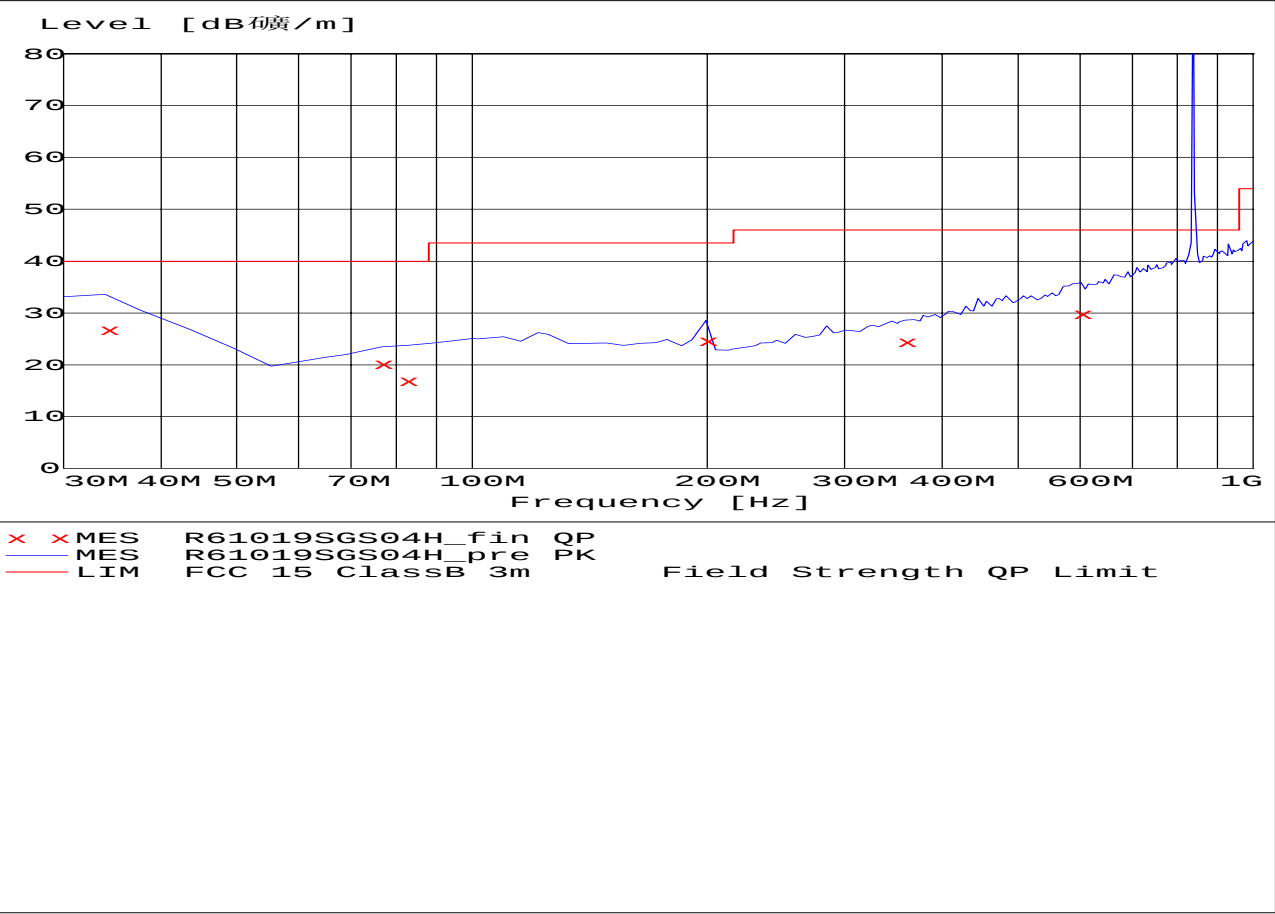
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GSM850 dedicated: (test with the adapter of power supply 03)

Horizontal:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	
34.142198	26.63	100.0	270.00	HORIZONTAL
76.653307	20.15	300.0	0.00	HORIZONTAL
82.484970	16.77	200.0	180.00	HORIZONTAL
199.118236	24.54	200.0	180.00	HORIZONTAL
358.517034	24.30	100.0	180.00	HORIZONTAL
601.503006	29.87	100.0	90.00	HORIZONTAL

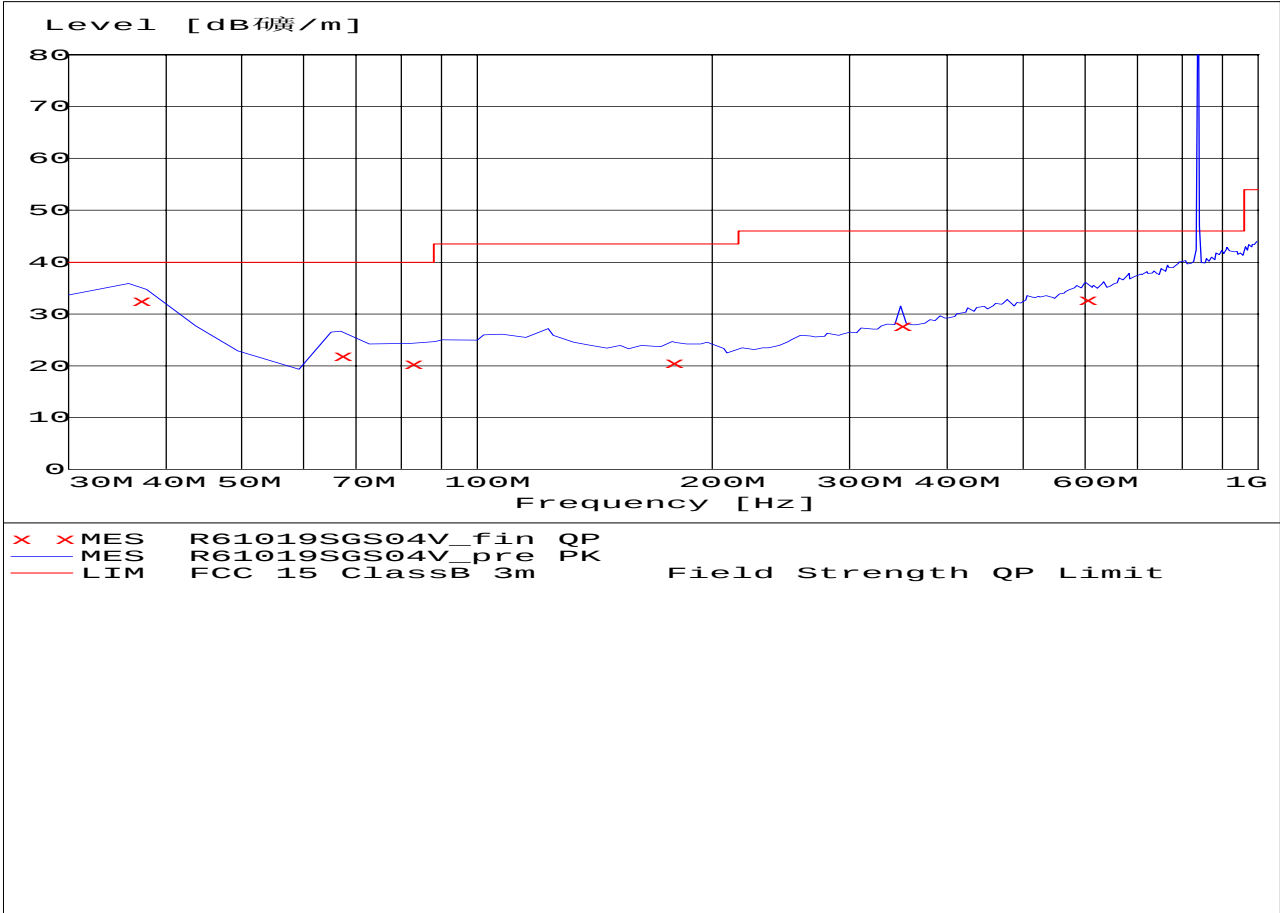
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	

37.002811	32.42	200.0	180.00	VERTICAL
66.933868	21.77	100.0	270.00	VERTICAL
82.484970	20.37	100.0	270.00	VERTICAL
177.735471	20.47	200.0	180.00	VERTICAL
348.797595	27.59	400.0	180.00	VERTICAL
601.503006	32.67	300.0	90.00	VERTICAL

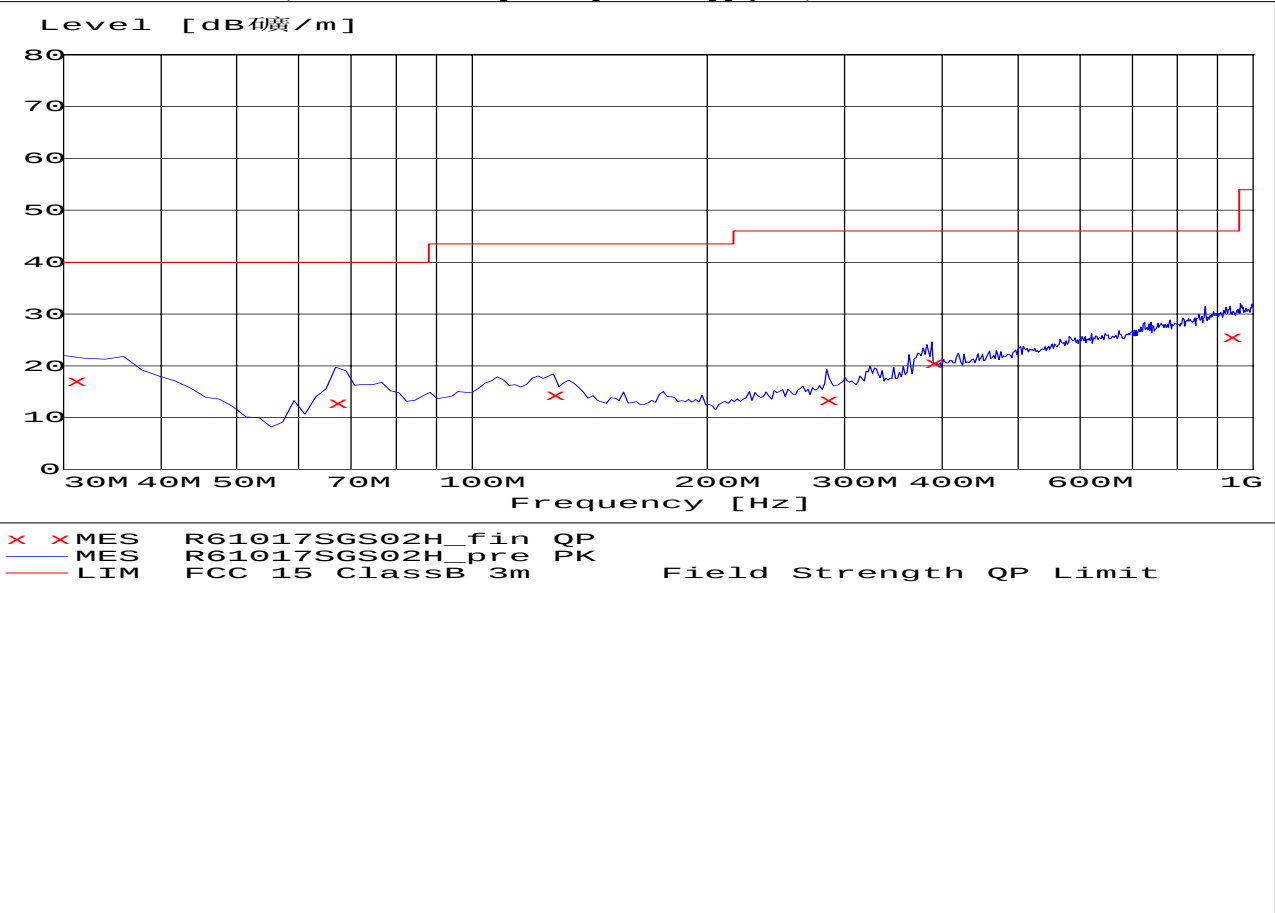
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GSM1900 dedicated: (test with the adapter of power supply 03)



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
30.981652	16.97	400.0	270.00	HORIZONTAL	40.00	23.03
66.933868	12.70	400.0	90.00	HORIZONTAL	40.00	27.30
127.194389	14.44	200.0	90.00	HORIZONTAL	43.50	29.06
284.649299	13.33	200.0	180.00	HORIZONTAL	46.00	32.67
387.675351	20.61	100.0	90.00	HORIZONTAL	46.00	25.39
933.907816	25.52	300.0	90.00	HORIZONTAL	46.00	20.48

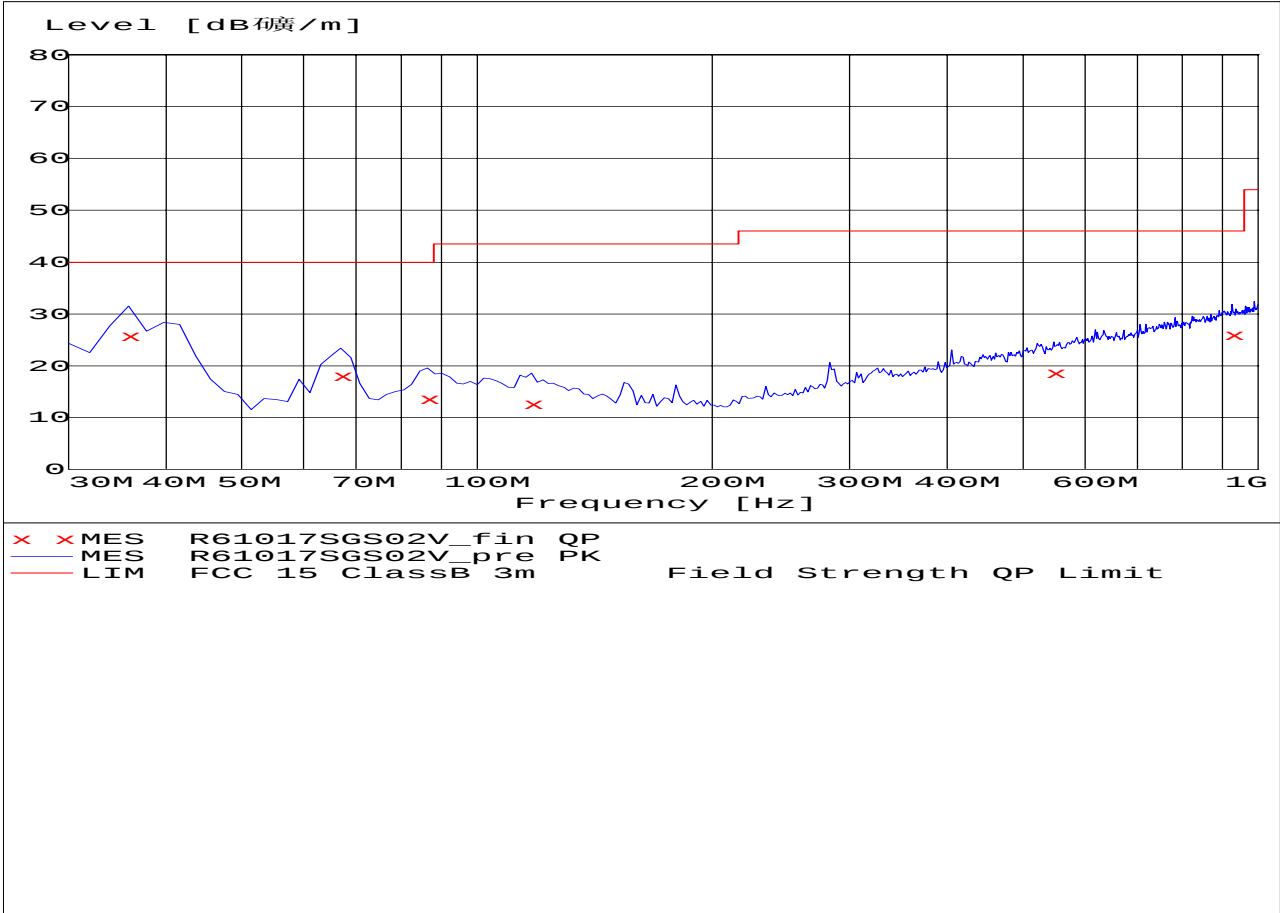
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
35.831663	25.67	100.0	0.00	VERTICAL	40.00	14.33
66.853707	18.07	100.0	0.00	VERTICAL	40.00	21.93
86.372745	13.56	100.0	270.00	VERTICAL	40.00	26.44
117.474950	12.59	100.0	180.00	VERTICAL	43.50	30.91
547.074148	18.61	100.0	90.00	VERTICAL	46.00	27.39
926.132265	25.82	400.0	270.00	VERTICAL	46.00	20.18

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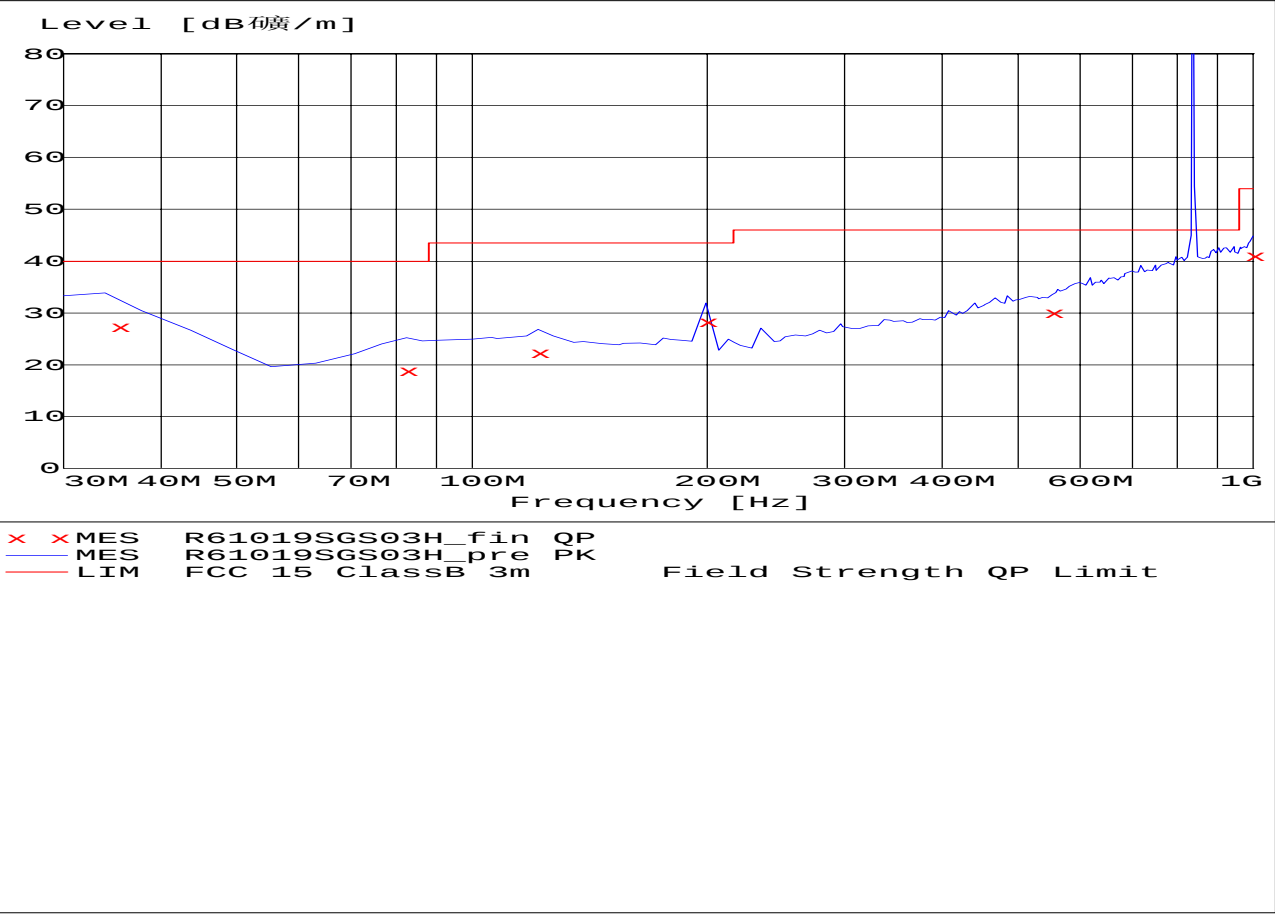
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GSM850 dedicated: (test with the adapter of power supply 04)

Horizontal:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	
35.238818	27.13	300.0	270.00	HORIZONTAL
82.484970	18.68	100.0	270.00	HORIZONTAL
121.362725	22.20	200.0	180.00	HORIZONTAL
199.118236	28.30	200.0	270.00	HORIZONTAL
552.905812	30.03	200.0	270.00	HORIZONTAL
1000.000000	40.92	300.0	270.00	HORIZONTAL

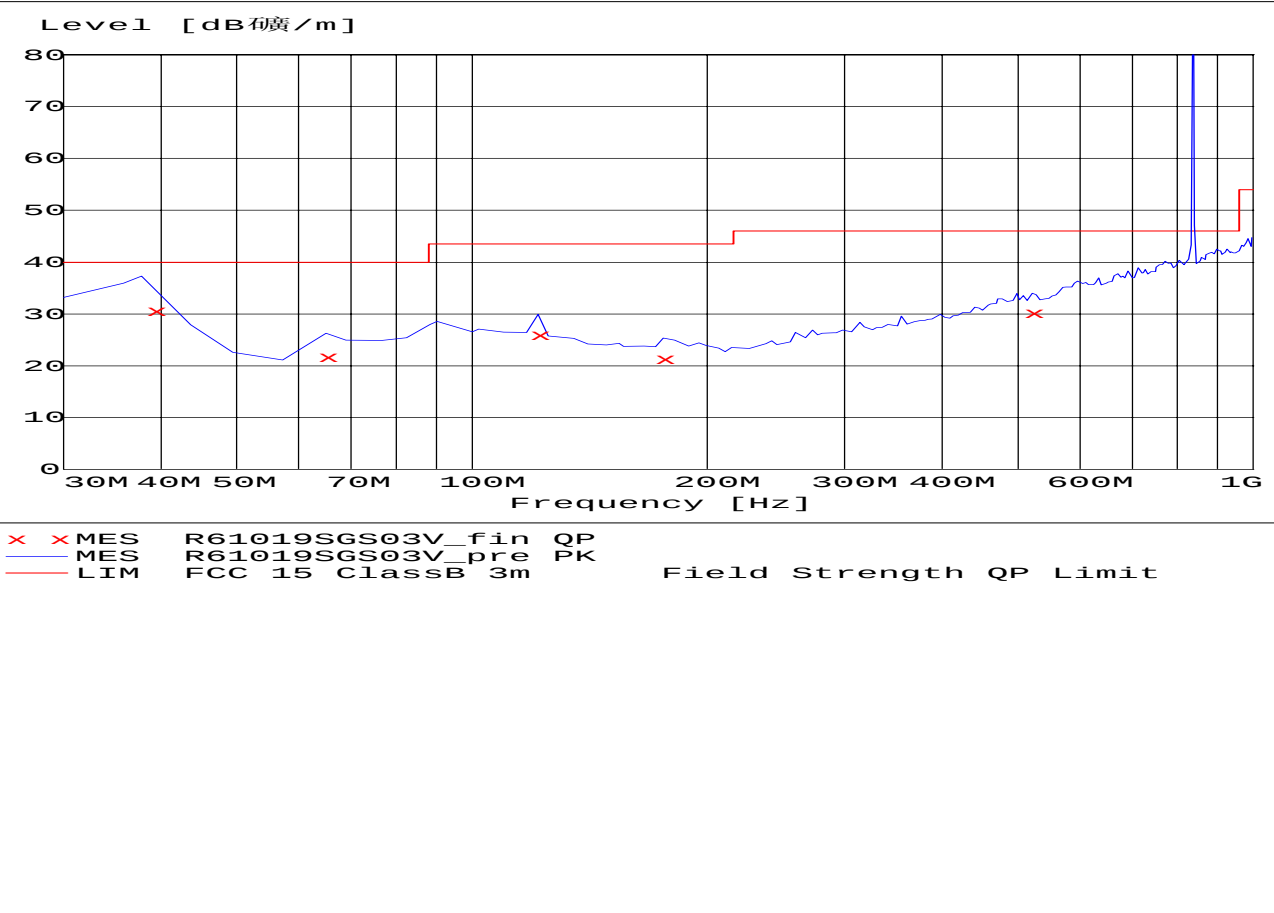
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBµV/m	cm	deg	
39.185092	30.48	200.0	0.00	VERTICAL
64.989980	21.69	400.0	90.00	VERTICAL
121.362725	25.92	400.0	0.00	VERTICAL
175.791583	21.19	100.0	270.00	VERTICAL
521.803607	30.20	200.0	0.00	VERTICAL

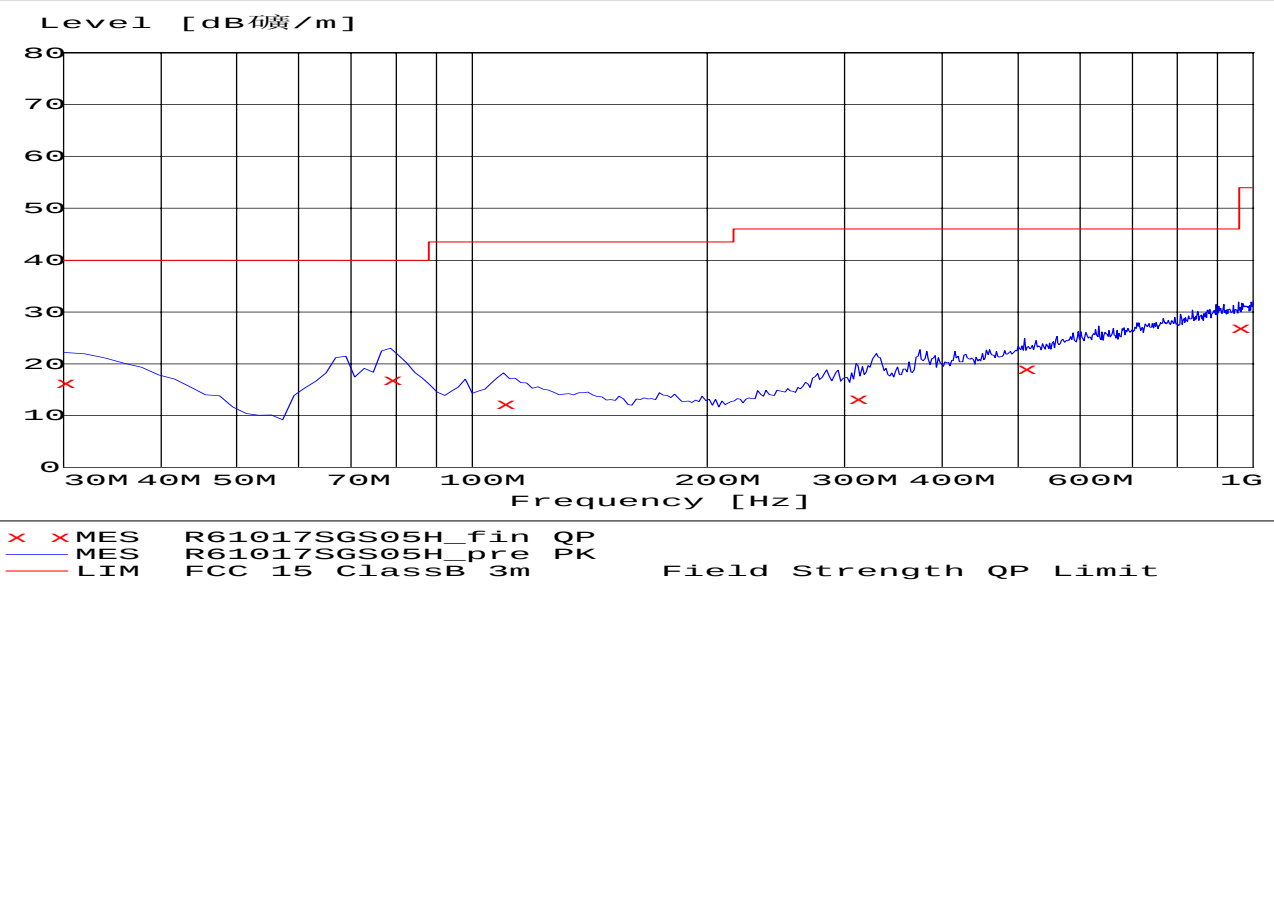
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GSM1900 dedicated: (test with the adapter of power supply 04)



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
30.016517	16.21	100.0	0.00	HORIZONTAL	40.00	23.79
78.597194	16.85	400.0	270.00	HORIZONTAL	40.00	23.15
109.699399	12.24	200.0	0.00	HORIZONTAL	43.50	31.26
309.919840	13.06	100.0	0.00	HORIZONTAL	46.00	32.94
510.140281	18.86	400.0	180.00	HORIZONTAL	46.00	27.14
957.234469	26.90	400.0	90.00	HORIZONTAL	46.00	19.10

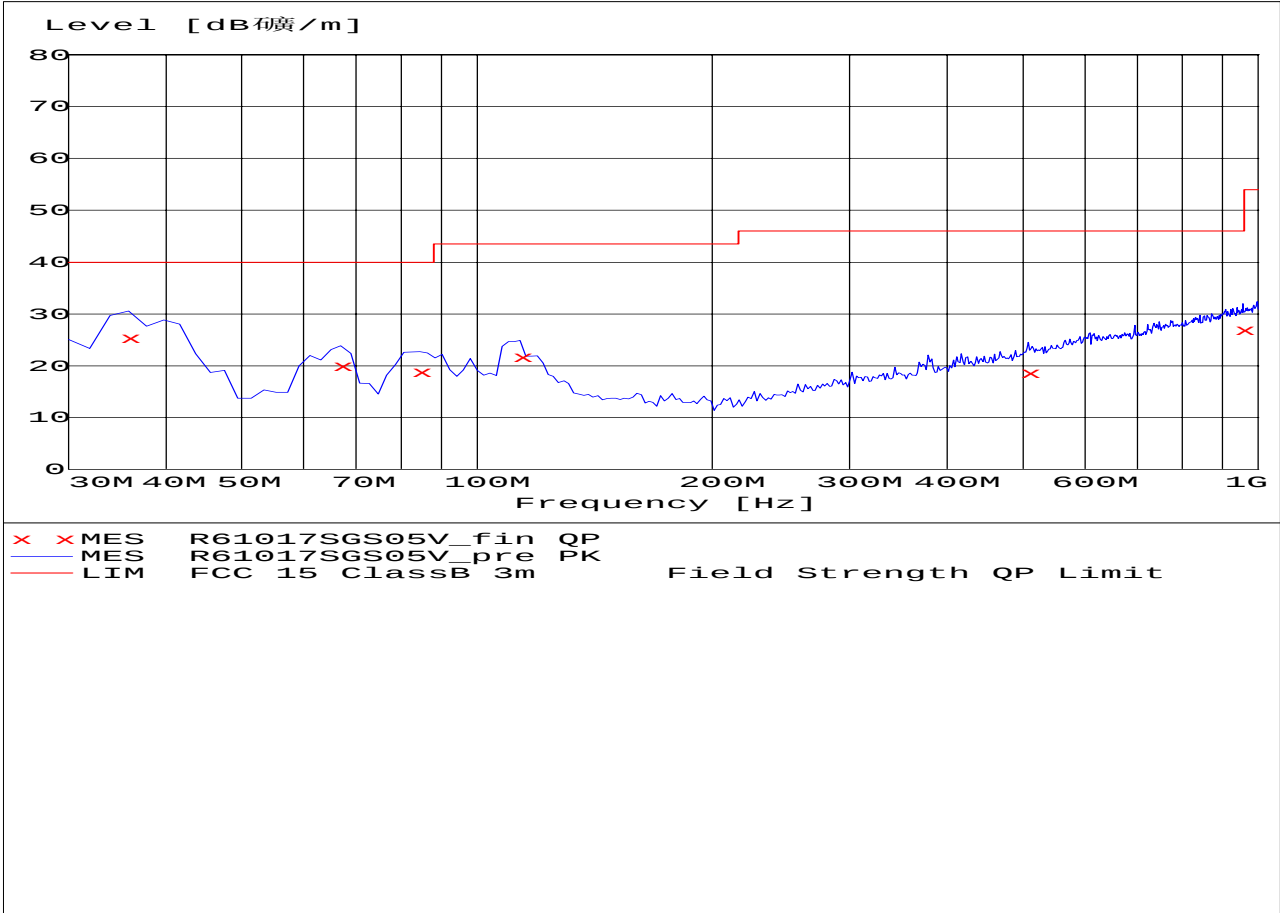
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
35.831663	25.31	100.0	0.00	VERTICAL	40.00	14.69
66.933868	19.88	200.0	180.00	VERTICAL	40.00	20.12
84.428858	18.71	100.0	180.00	VERTICAL	40.00	21.29
113.651651	21.71	100.0	180.00	VERTICAL	43.50	21.79
508.196393	18.56	300.0	180.00	VERTICAL	46.00	27.44
955.290581	26.97	400.0	0.00	VERTICAL	46.00	19.03

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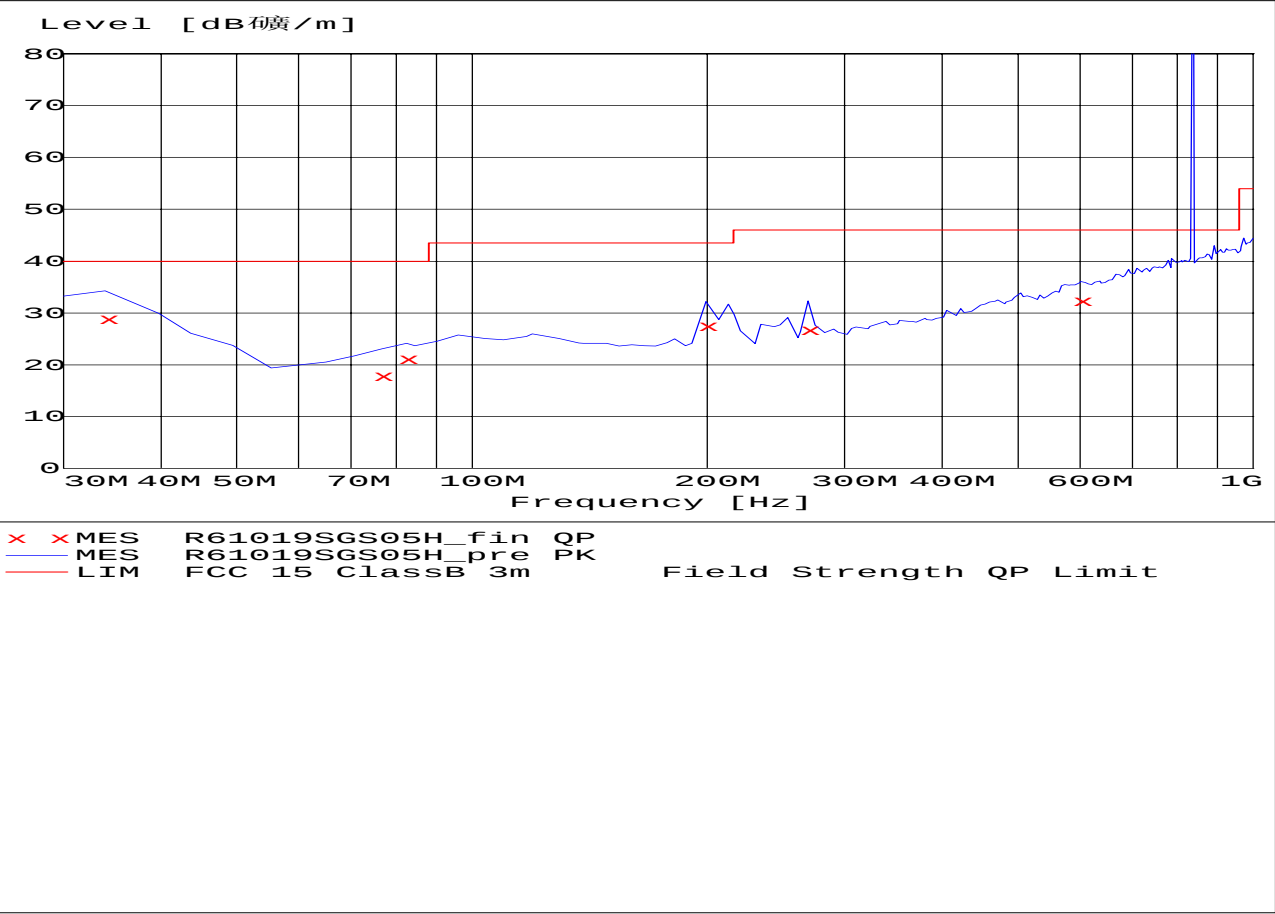
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GSM850 dedicated: (test with the Cigar lighter charger)

Horizontal:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	
34.123352	28.85	300.0	180.00	HORIZONTAL
76.653307	17.76	200.0	90.00	HORIZONTAL
82.484970	21.03	100.0	270.00	HORIZONTAL
199.118236	27.35	300.0	270.00	HORIZONTAL
269.098196	26.71	100.0	90.00	HORIZONTAL
601.503006	32.33	400.0	90.00	HORIZONTAL

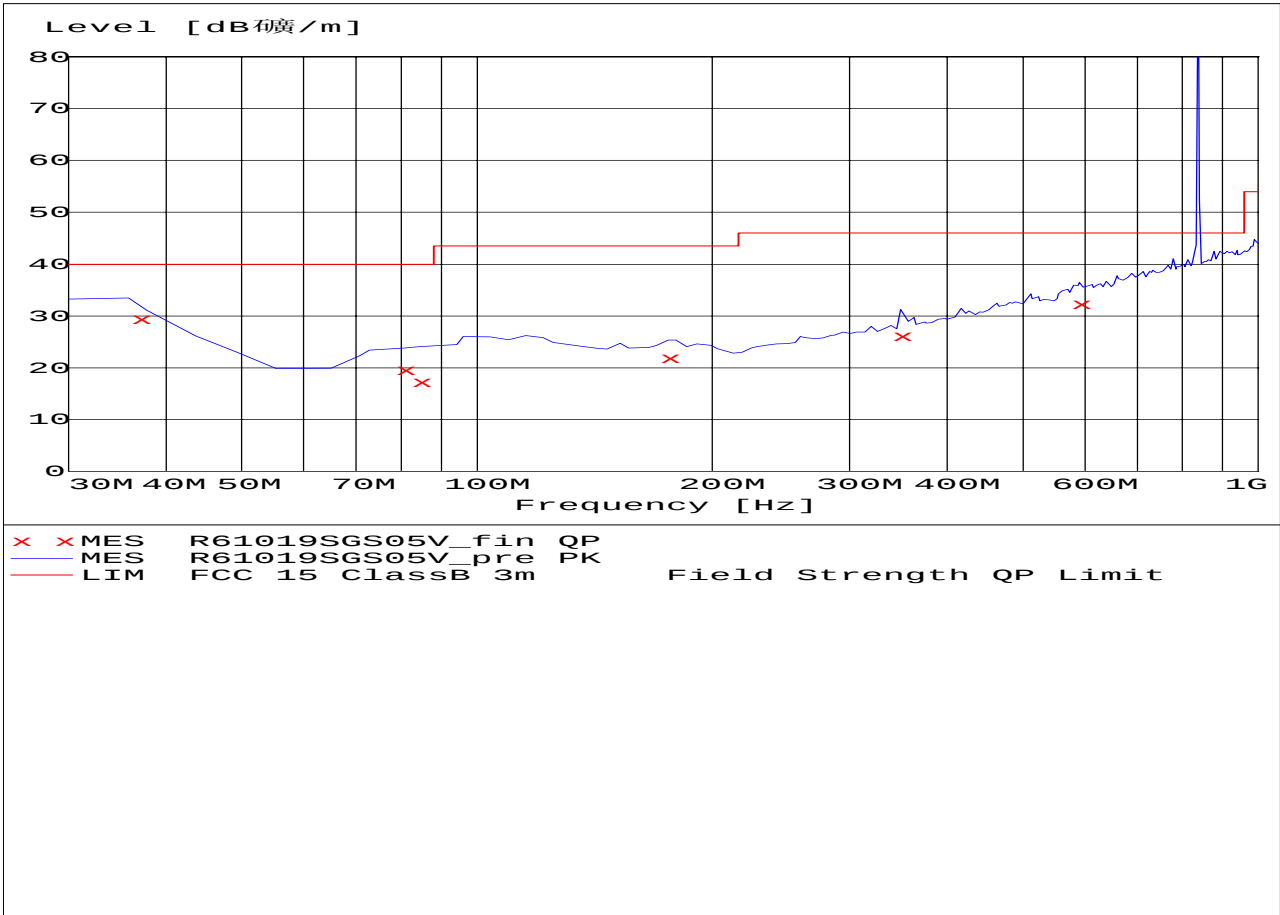
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation
MHz	dBμV/m	cm	deg	
36.980080	29.32	400.0	270.00	VERTICAL
80.541082	19.48	100.0	90.00	VERTICAL
84.428858	17.16	100.0	270.00	VERTICAL
175.791583	21.79	400.0	180.00	VERTICAL
348.797595	26.05	100.0	90.00	VERTICAL
589.839679	32.20	400.0	270.00	VERTICAL

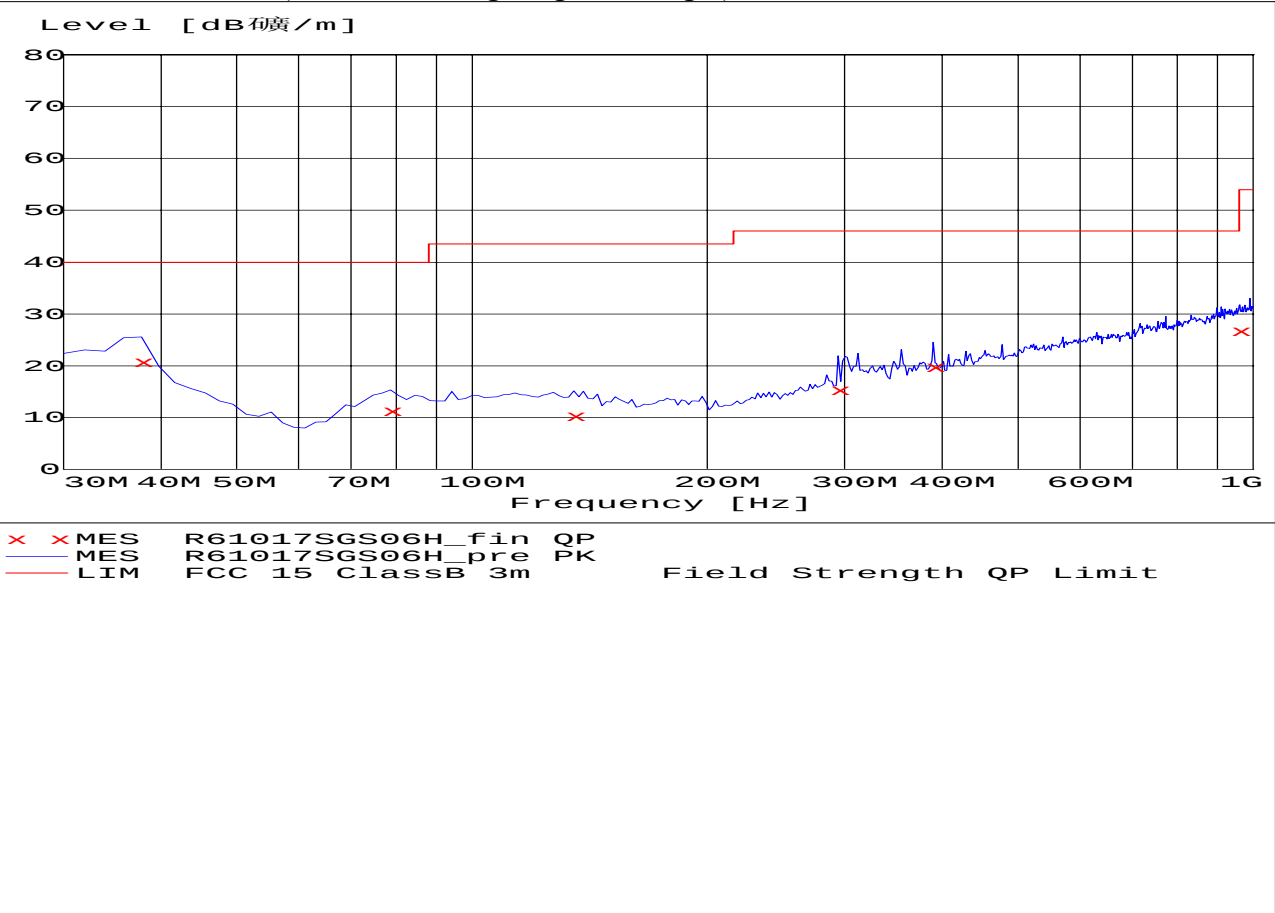
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GSM1900 dedicated: (test with the Cigar lighter charger)



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBµV/m	cm	deg		dBµV/m	dB
37.775551	20.67	300.0	270.00	HORIZONTAL	40.00	19.33
78.597194	11.33	300.0	270.00	HORIZONTAL	40.00	28.67
134.969940	10.18	200.0	0.00	HORIZONTAL	43.50	33.32
294.368737	15.35	100.0	0.00	HORIZONTAL	46.00	30.65
389.619238	19.66	100.0	180.00	HORIZONTAL	46.00	26.34
959.178357	26.68	300.0	180.00	HORIZONTAL	46.00	19.32

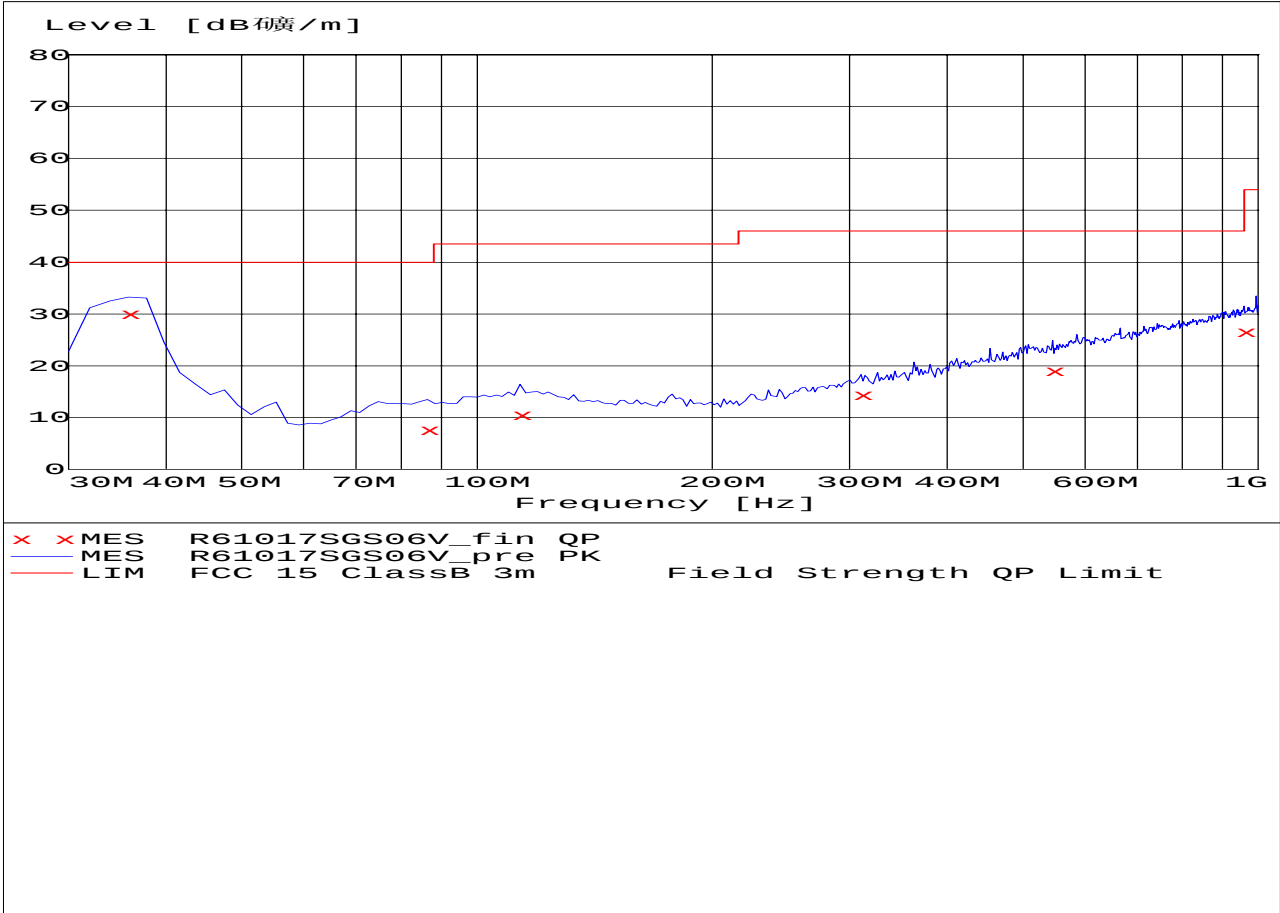
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Vertical:



Frequency	Level	Height	Azimuth	Polarisation	Limit	Margin
MHz	dBμV/m	cm	deg		dBμV/m	dB
35.831663	29.85	100.0	0.00	VERTICAL	40.00	10.15
86.372745	7.51	300.0	270.00	VERTICAL	40.00	32.49
113.587174	10.42	100.0	90.00	VERTICAL	43.50	33.08
309.919840	14.28	100.0	0.00	VERTICAL	46.00	31.72
545.130261	18.90	200.0	90.00	VERTICAL	46.00	27.10
959.178357	26.55	200.0	270.00	VERTICAL	46.00	19.45

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6.2 Conducted Emissions, 150kHz to 30MHz

Test Requirement:	CFR 47 part 15
Test Method:	ANSI C63.4
Test Date:	25 September 2006
Frequency Range:	150kHz to 30MHz
Class:	N/A
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:

EUT Operation: EUT allocated channel mode GSM850&PCS 1900 with charger and data cable. And we just choose the worst case for the report

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.

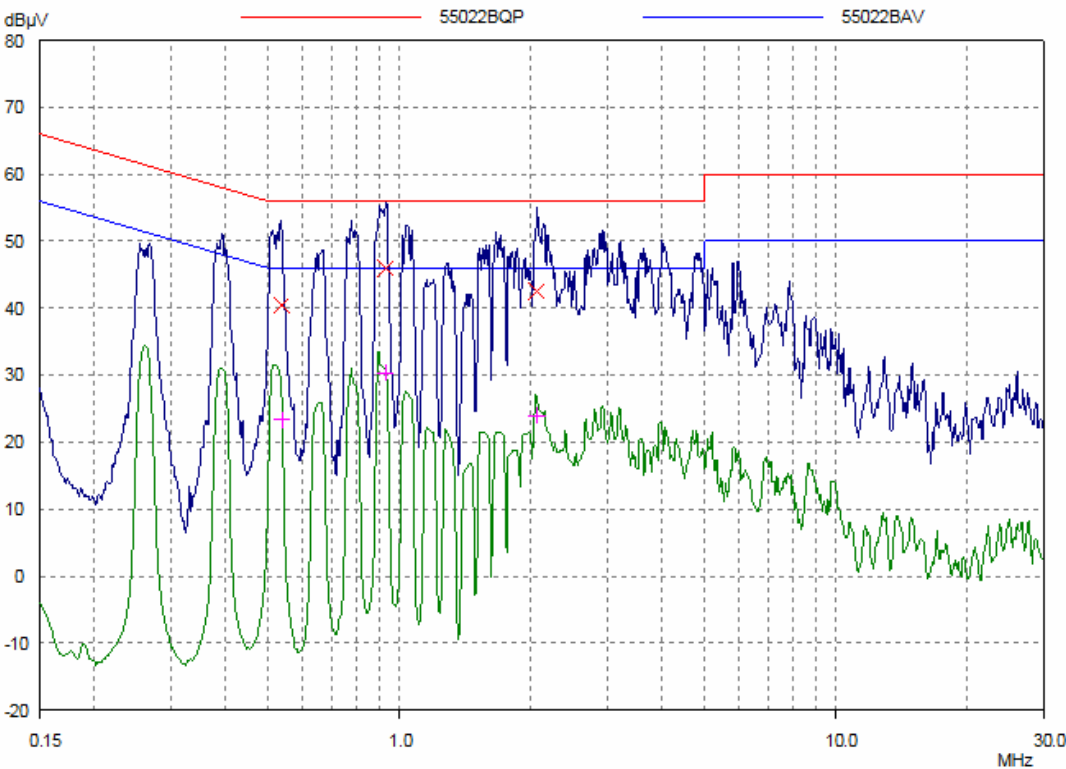
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Power supply 01
GSM850 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.53675	40.32	56.00	15.68
0.93015	45.87	56.00	10.13
2.0635	42.50	56.00	13.50

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.53675	23.30	46.00	22.70
0.93015	30.23	46.00	15.77
2.0635	23.96	46.00	22.04

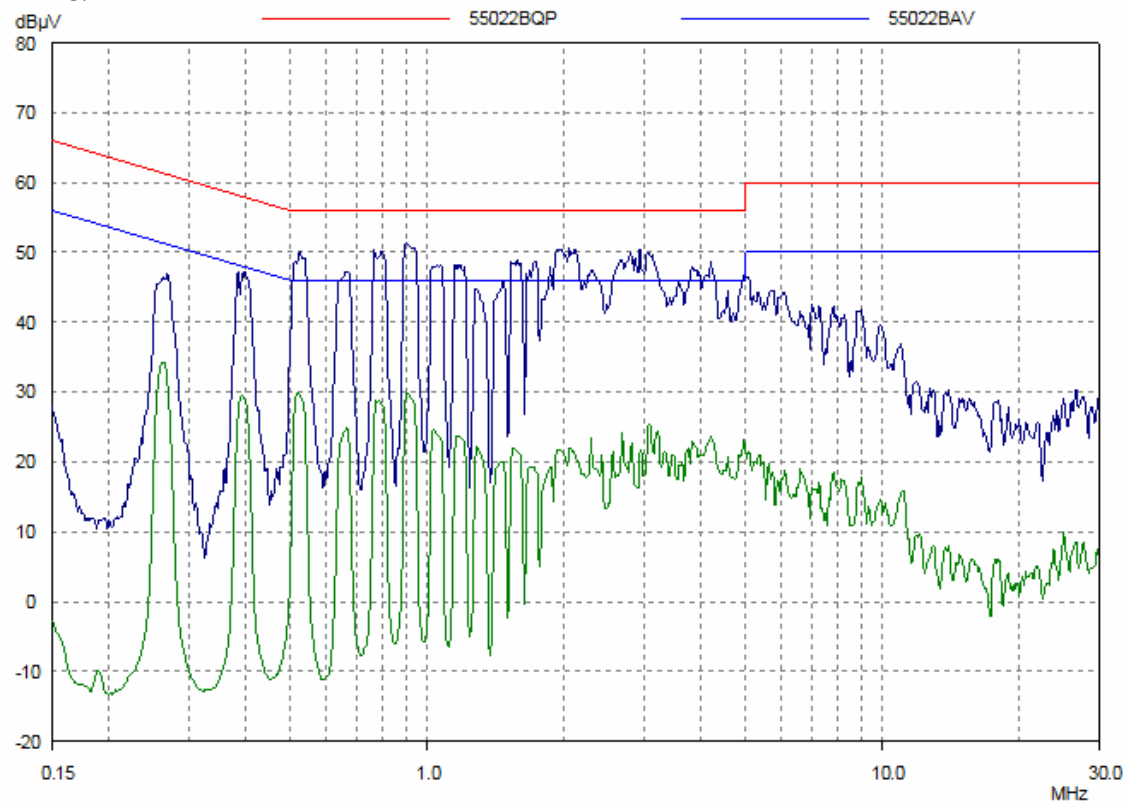
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N line:



Frequency	Receiver			Receiver		
	QP	Limit	Margin	AV	Limit	Margin
	Level			Level		
(MHz)	(dBμV)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)
0.15	*	66	*	*	56	*
0.24	*	63.43	*	*	53.44	*
0.543	*	56	*	*	46	*
5.00	*	56	*	*	46	*
10.00	*	60	*	*	50	*
22.00	*	60	*	*	50	*
30.00	*	60	*	*	50	*

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

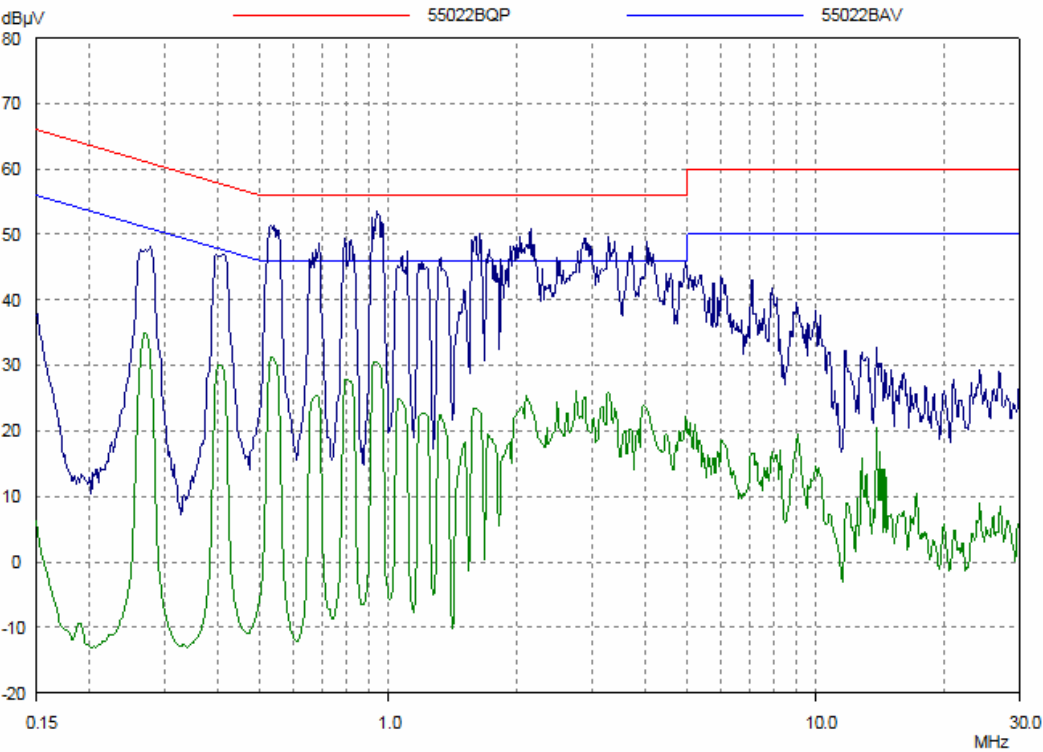
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PCS1900 dedicated, charging with adaptor:
L line:



Frequency	Receiver			Receiver		
	QP	Limit	Margin	AV	Limit	Margin
(MHz)	Level	(dBμV)	(dB)	Level	(dBμV)	(dB)
0.15	*	66	*	*	56	*
0.24	*	63.43	*	*	53.44	*
0.543	*	56	*	*	46	*
5.00	*	56	*	*	46	*
10.00	*	60	*	*	50	*
22.00	*	60	*	*	50	*
30.00	*	60	*	*	50	*

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

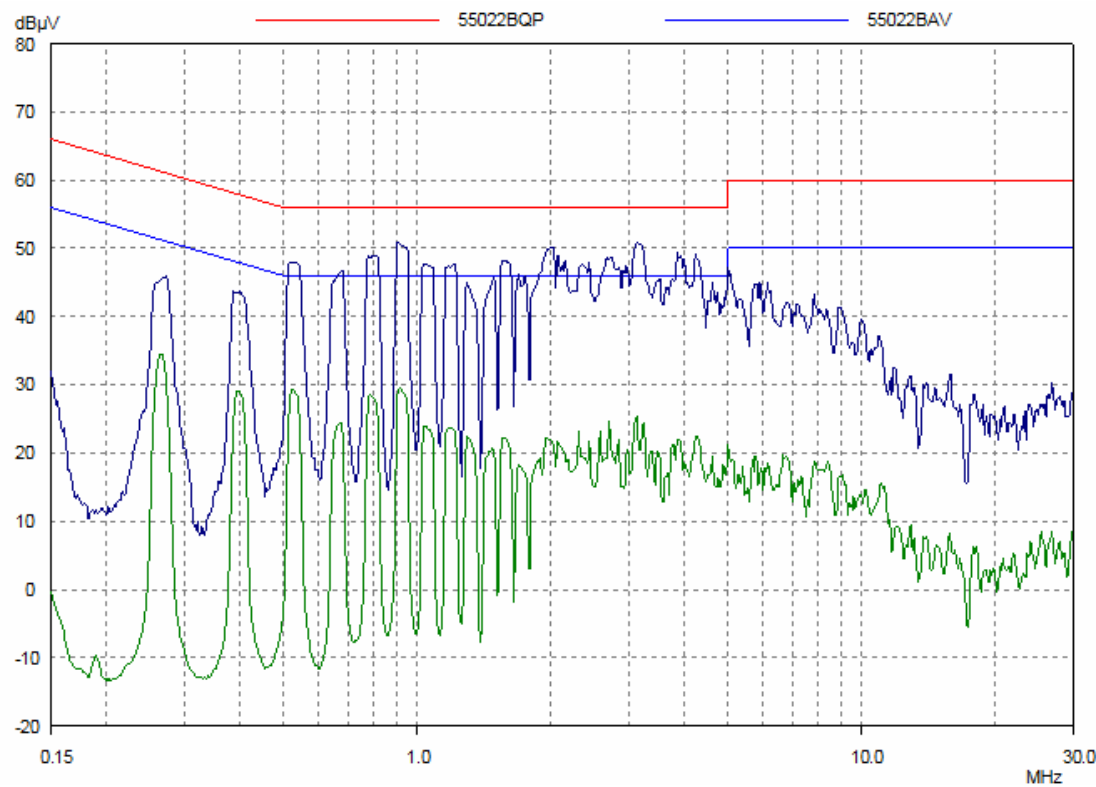
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N line:



Frequency	Receiver			Receiver		
	QP	Limit	Margin	AV	Limit	Margin
(MHz)	Level	(dBuV)	(dB)	Level	(dBuV)	(dB)
(dBuV)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)
0.15	*	66	*	*	56	*
0.24	*	63.43	*	*	53.44	*
0.543	*	56	*	*	46	*
5.00	*	56	*	*	46	*
10.00	*	60	*	*	50	*
22.00	*	60	*	*	50	*
30.00	*	60	*	*	50	*

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

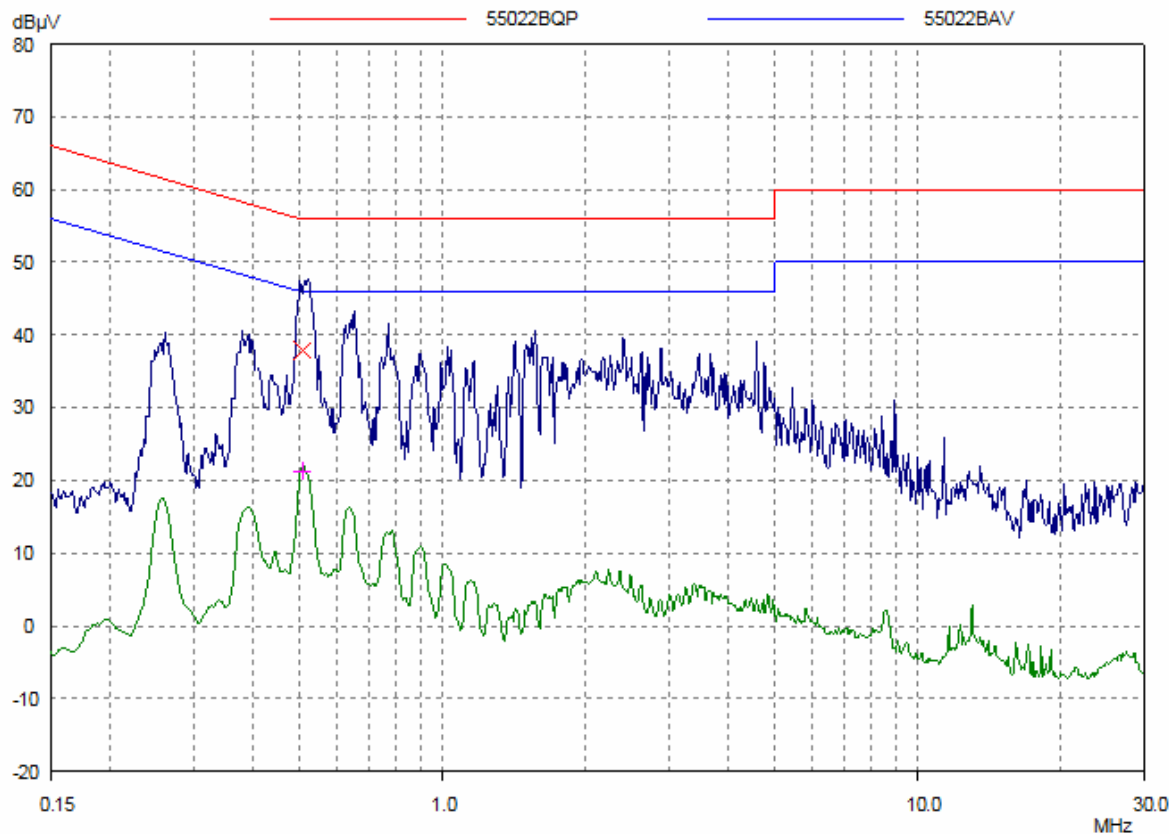
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Power supply 02
GSM850 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.50763	37.85	56.00	18.15

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.50763	21.19	46.00	24.81

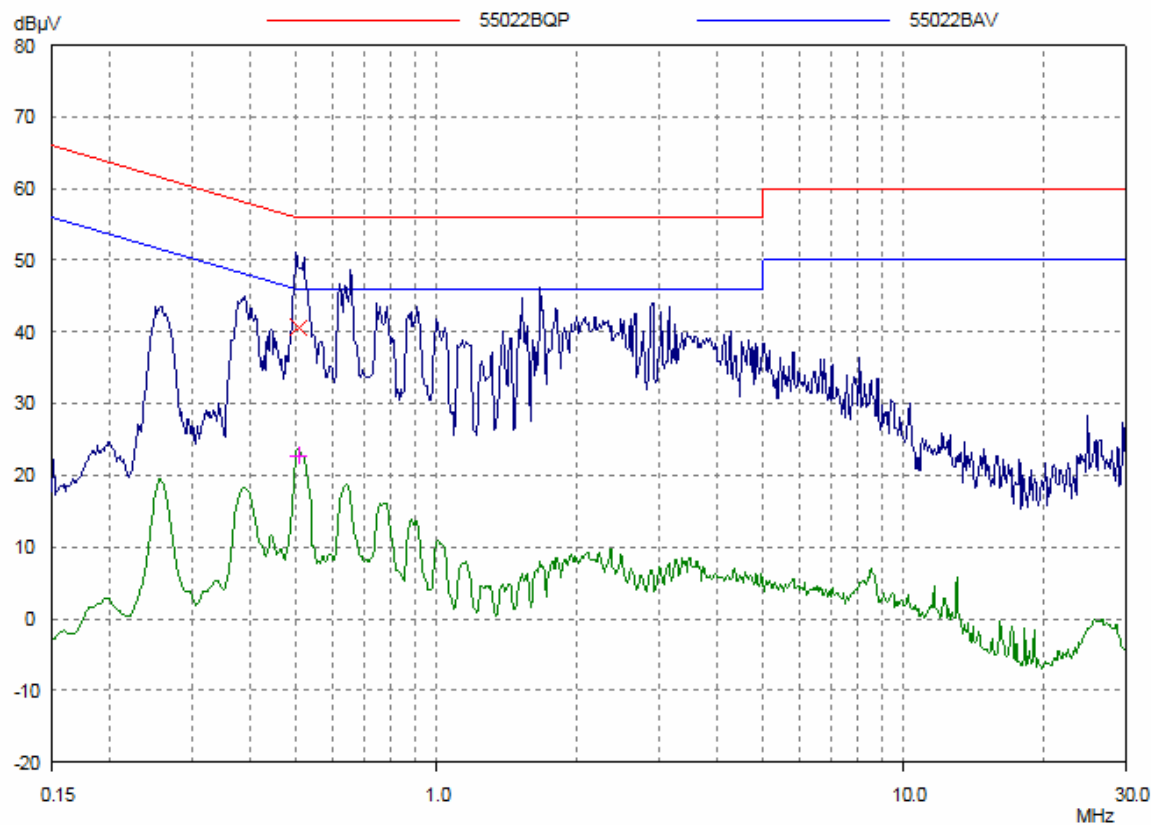
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N line:



Final Measurement Results

Frequency MHz	QP Level dBμV	QP Limit dBμV	QP Delta dB
0.50763	40.62	56.00	15.38

Frequency MHz	AV Level dBμV	AV Limit dBμV	AV Delta dB
0.50763	22.73	46.00	23.27

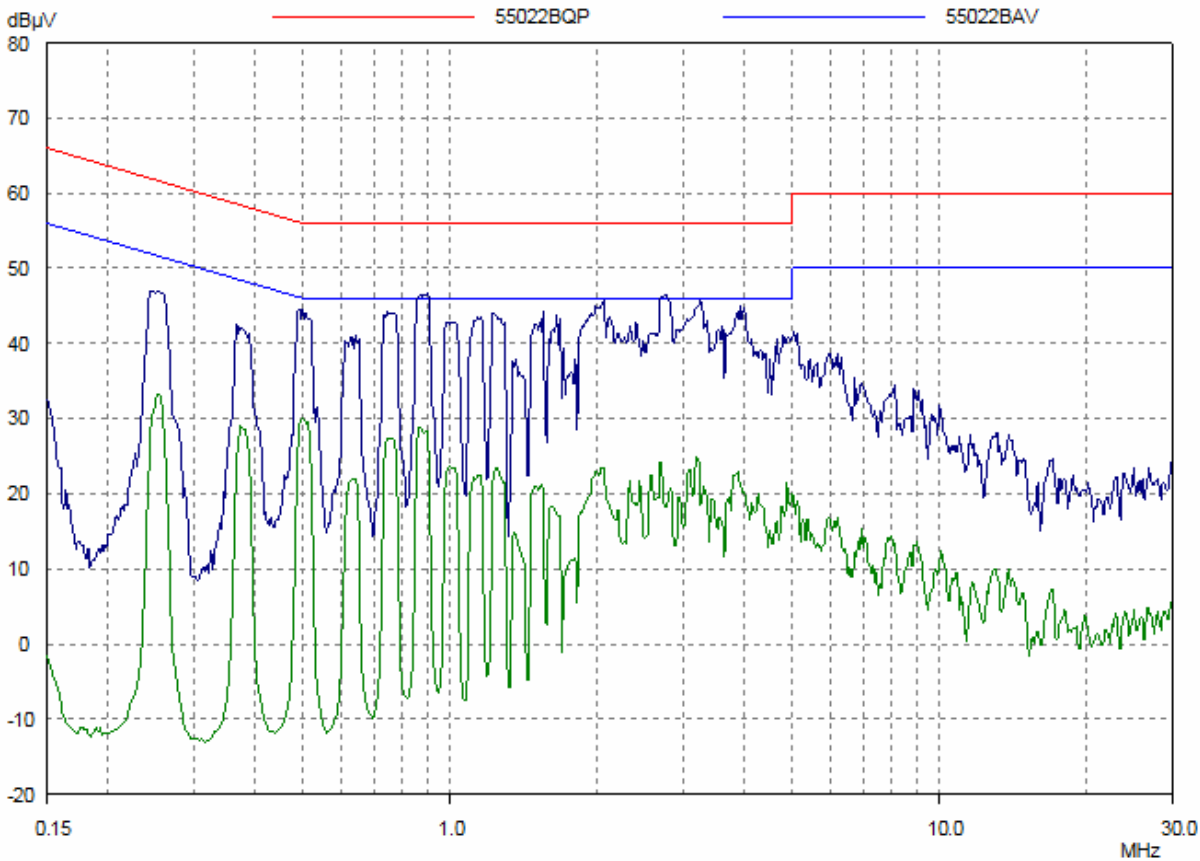
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PCS1900 dedicated, charging with adaptor:
L line:



Frequency	Receiver			Receiver		
	QP	Limit	Margin	AV	Limit	Margin
(MHz)	Level	(dBuV)	(dB)	Level	(dBuV)	(dB)
	(dBuV)			(dBuV)		
0.15	*	66	*	*	56	*
0.24	*	63.43	*	*	53.44	*
0.543	*	56	*	*	46	*
5.00	*	56	*	*	46	*
10.00	*	60	*	*	50	*
22.00	*	60	*	*	50	*
30.00	*	60	*	*	50	*

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

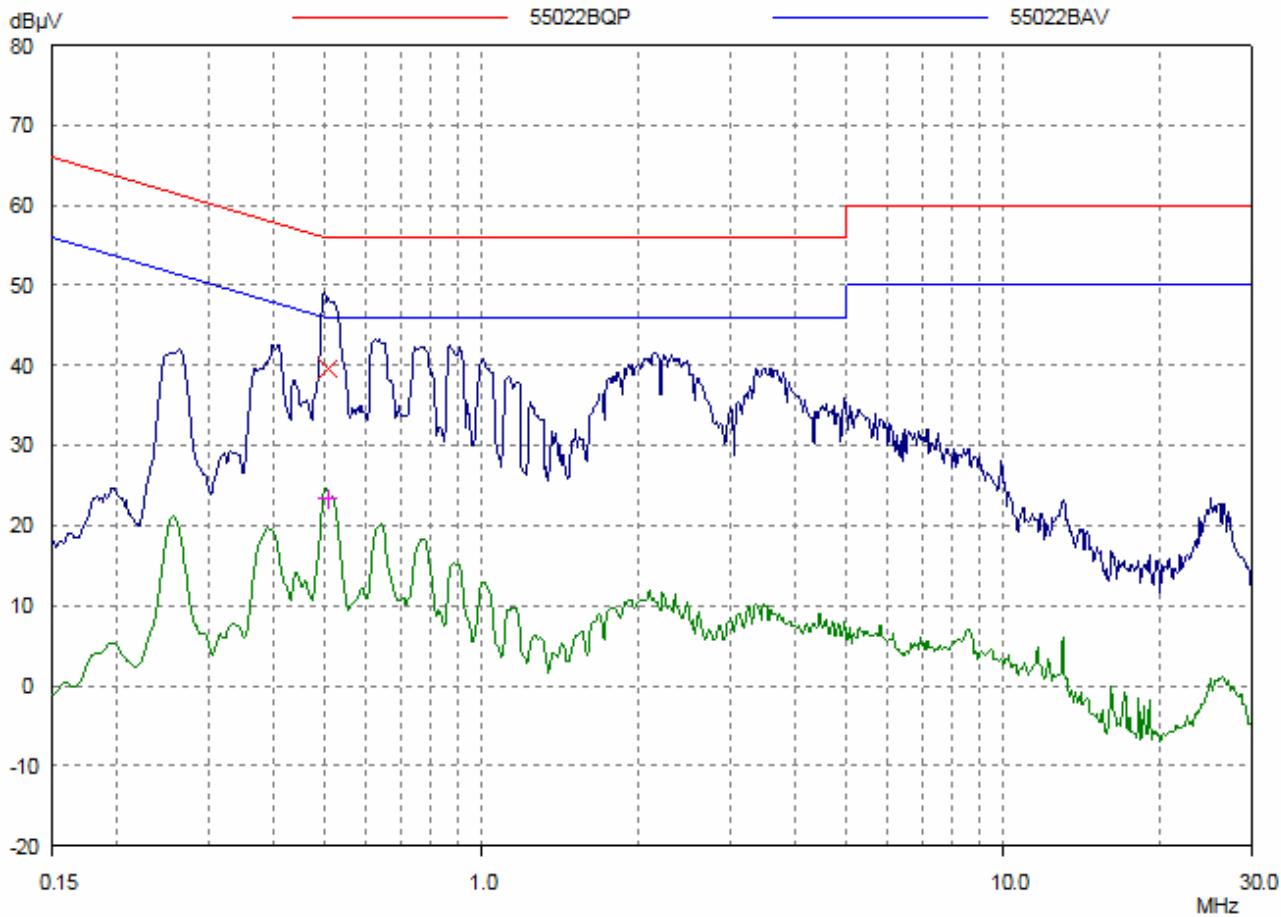
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N line



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.50763	39.59	56.00	16.41
Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.50763	23.22	46.00	22.78

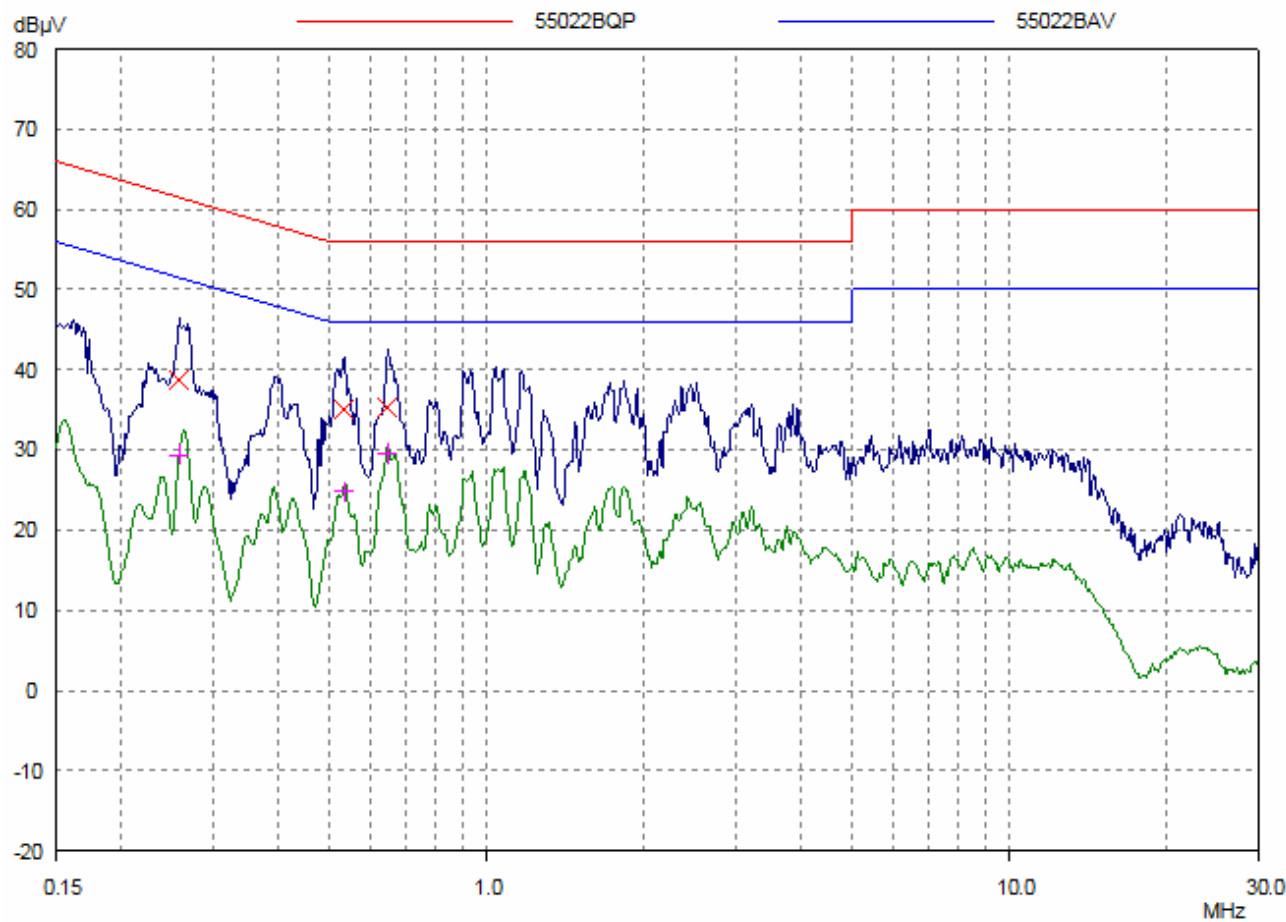
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Power supply 03
GSM850 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.25787	38.78	61.50	22.72
0.53249	35.07	56.00	20.93
0.64471	35.34	56.00	20.66

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.25787	29.35	51.50	22.15
0.53249	24.79	46.00	21.21
0.64471	29.44	46.00	16.56

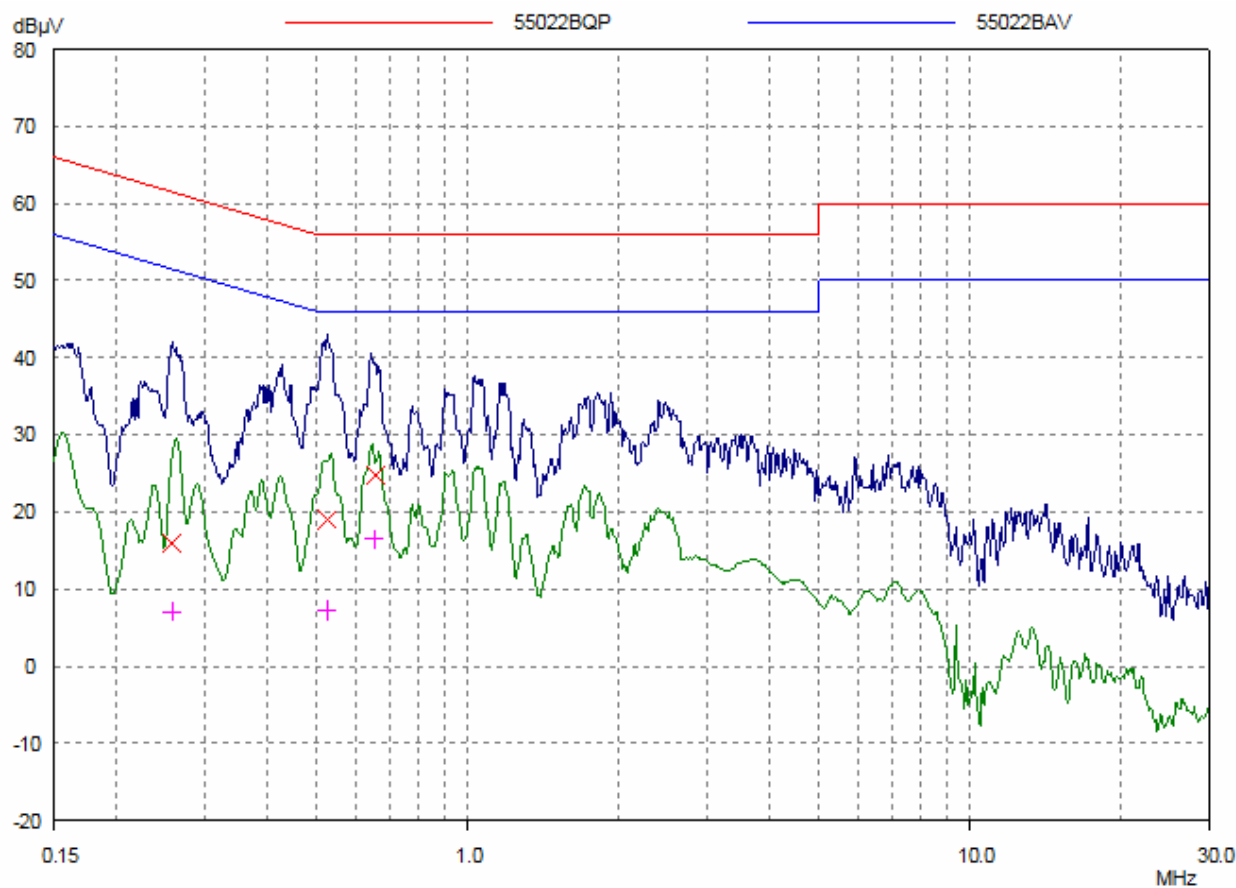
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N line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.25787	15.92	61.50	45.58
0.52407	18.95	56.00	37.05
0.65507	24.69	56.00	31.31

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.25787	6.93	51.50	44.57
0.52407	7.17	46.00	38.83
0.65507	16.49	46.00	29.51

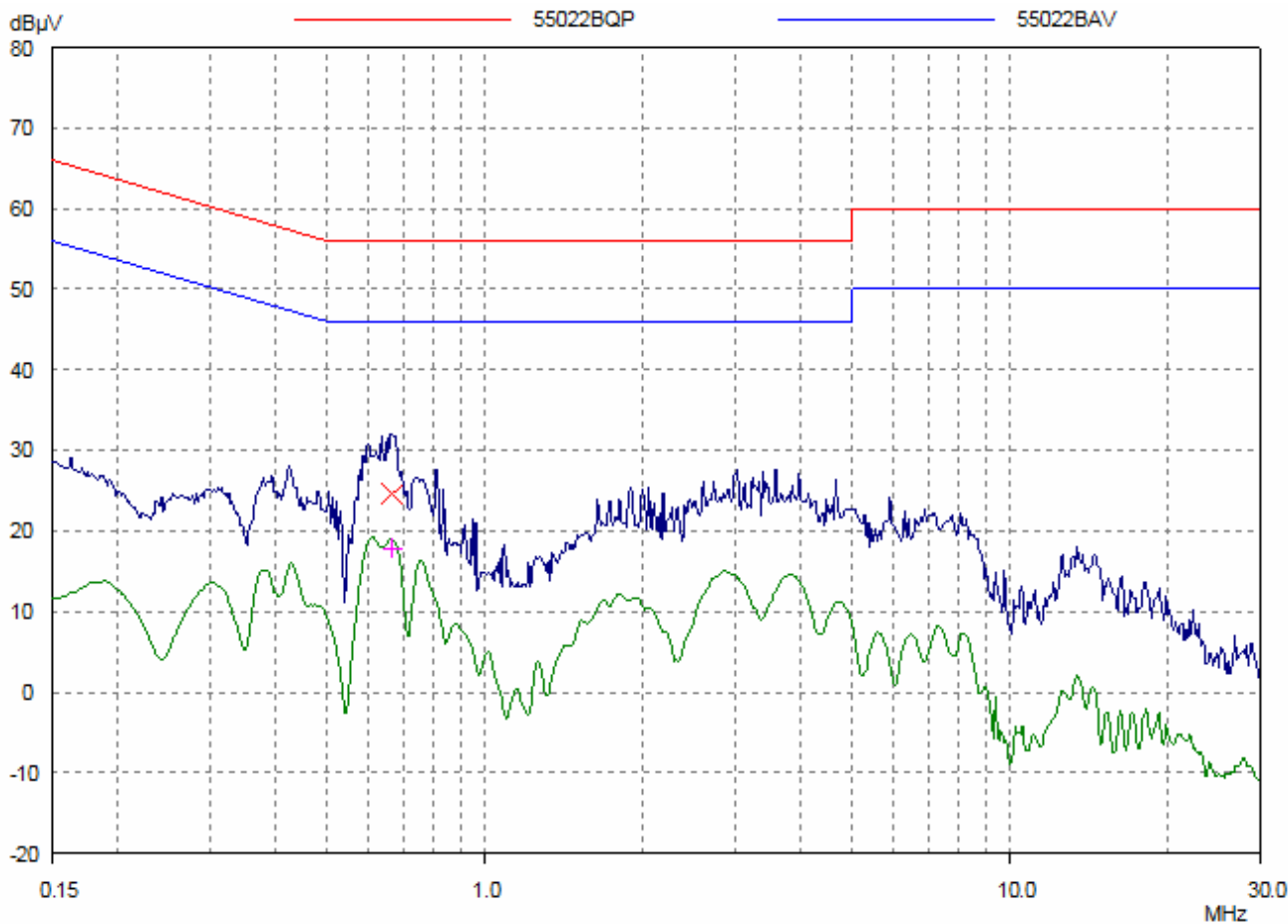
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PCS1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.66559	24.57	56.00	31.43

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.66559	17.83	46.00	28.17

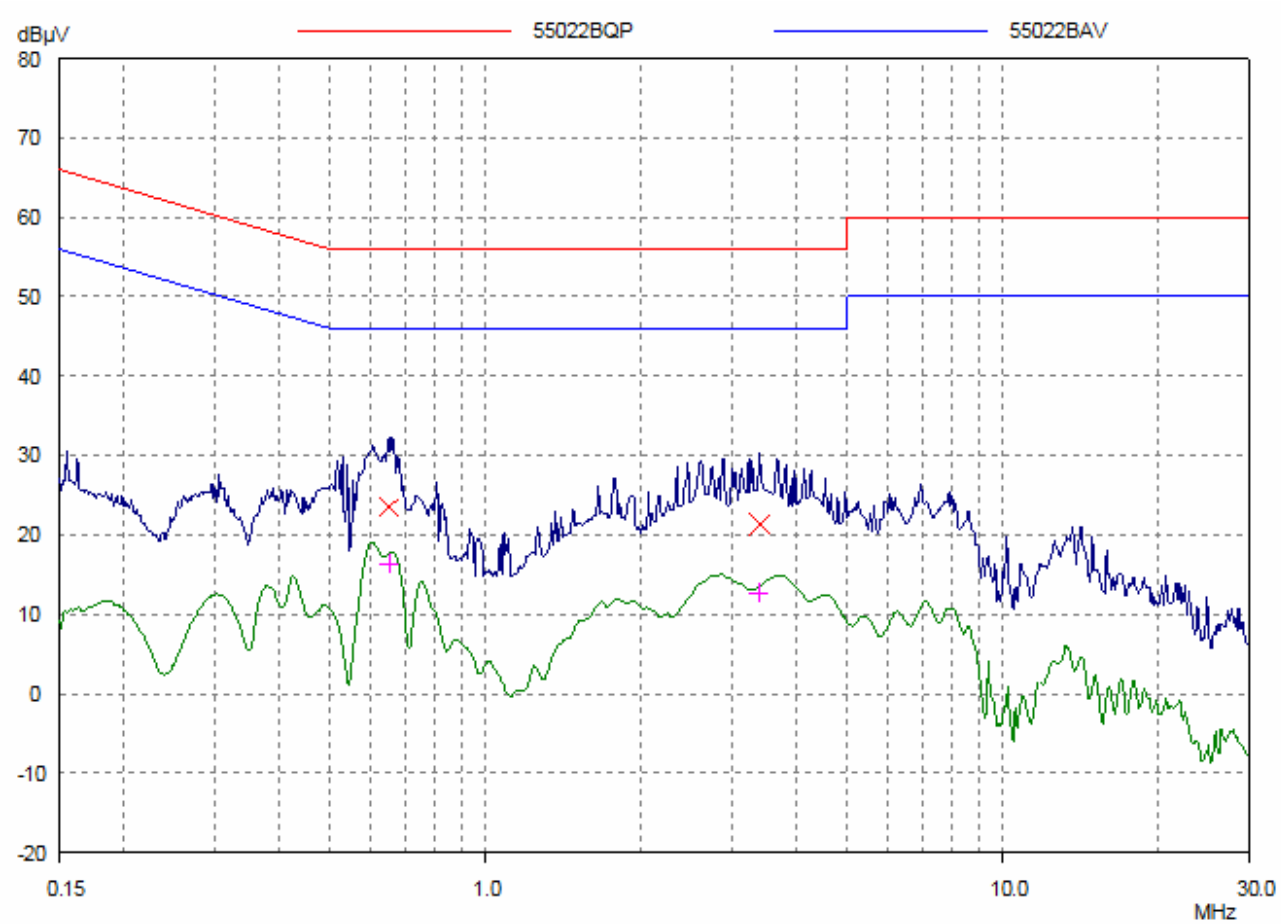
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N line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.64987	23.44	56.00	32.56
3.38188	21.29	56.00	34.71

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.64987	16.36	46.00	29.64
3.38188	12.67	46.00	33.33

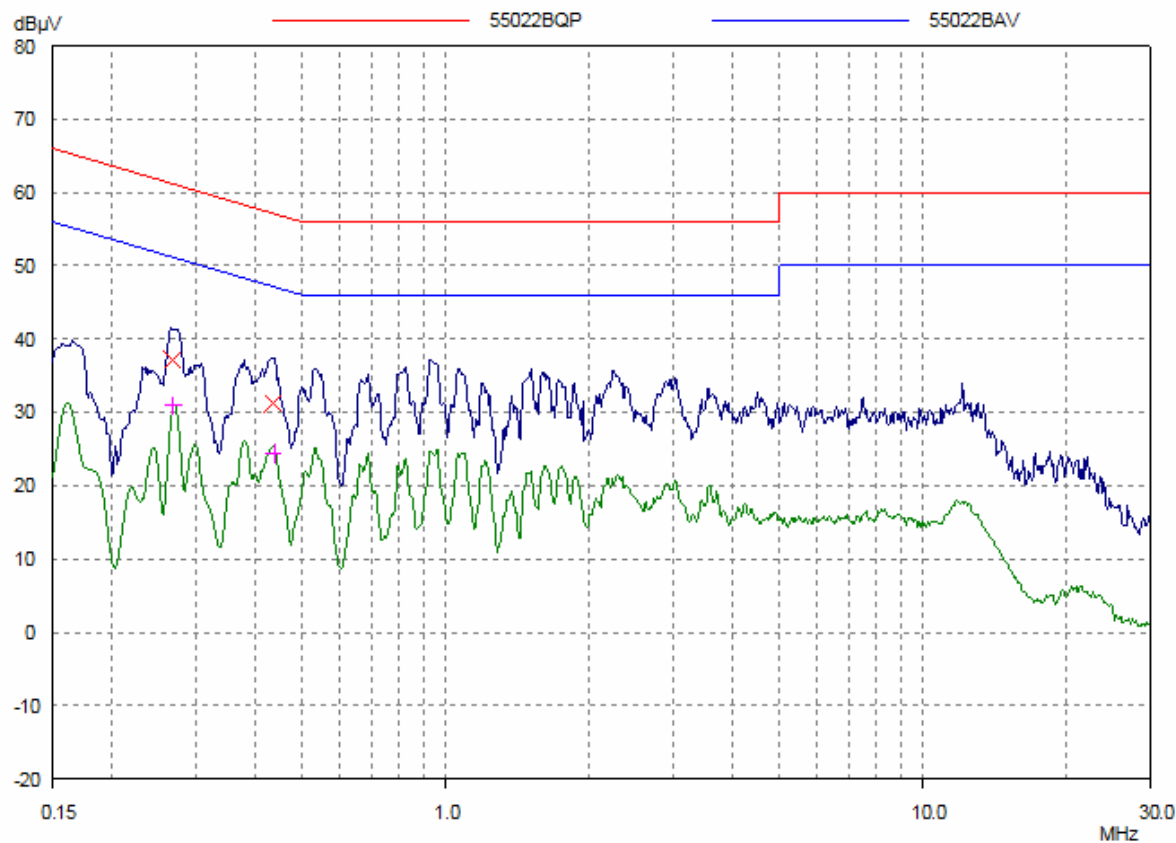
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Power supply 04
GSM850 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.26835	37.21	61.17	23.96
0.43631	31.22	57.13	25.91

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.26835	30.90	51.17	20.27
0.43631	24.35	47.13	22.78

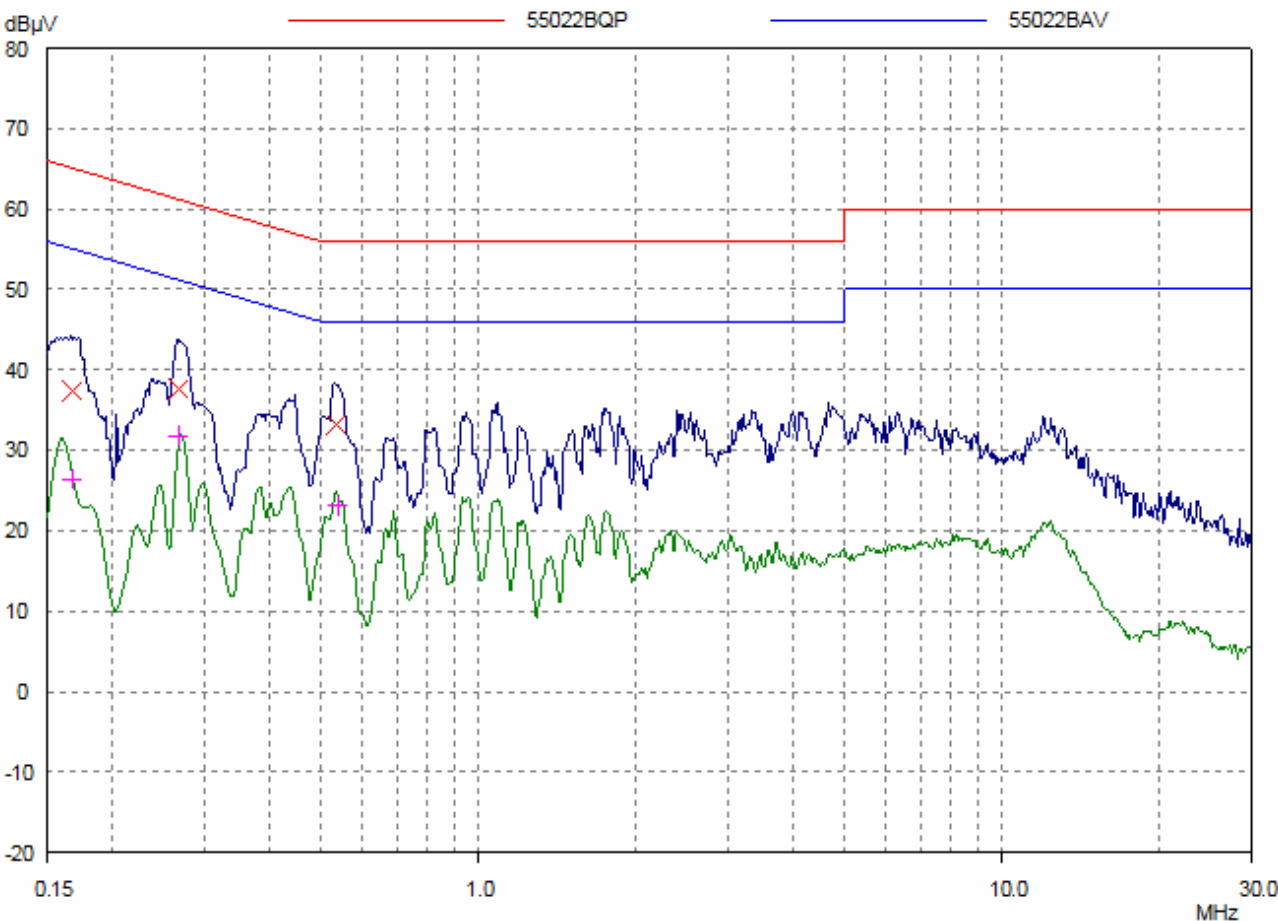
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N line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.1677	37.36	65.07	27.71
0.26835	37.67	61.17	23.50
0.53675	33.19	56.00	22.81

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.1677	26.37	55.07	28.70
0.26835	31.71	51.17	19.46
0.53675	23.04	46.00	22.96

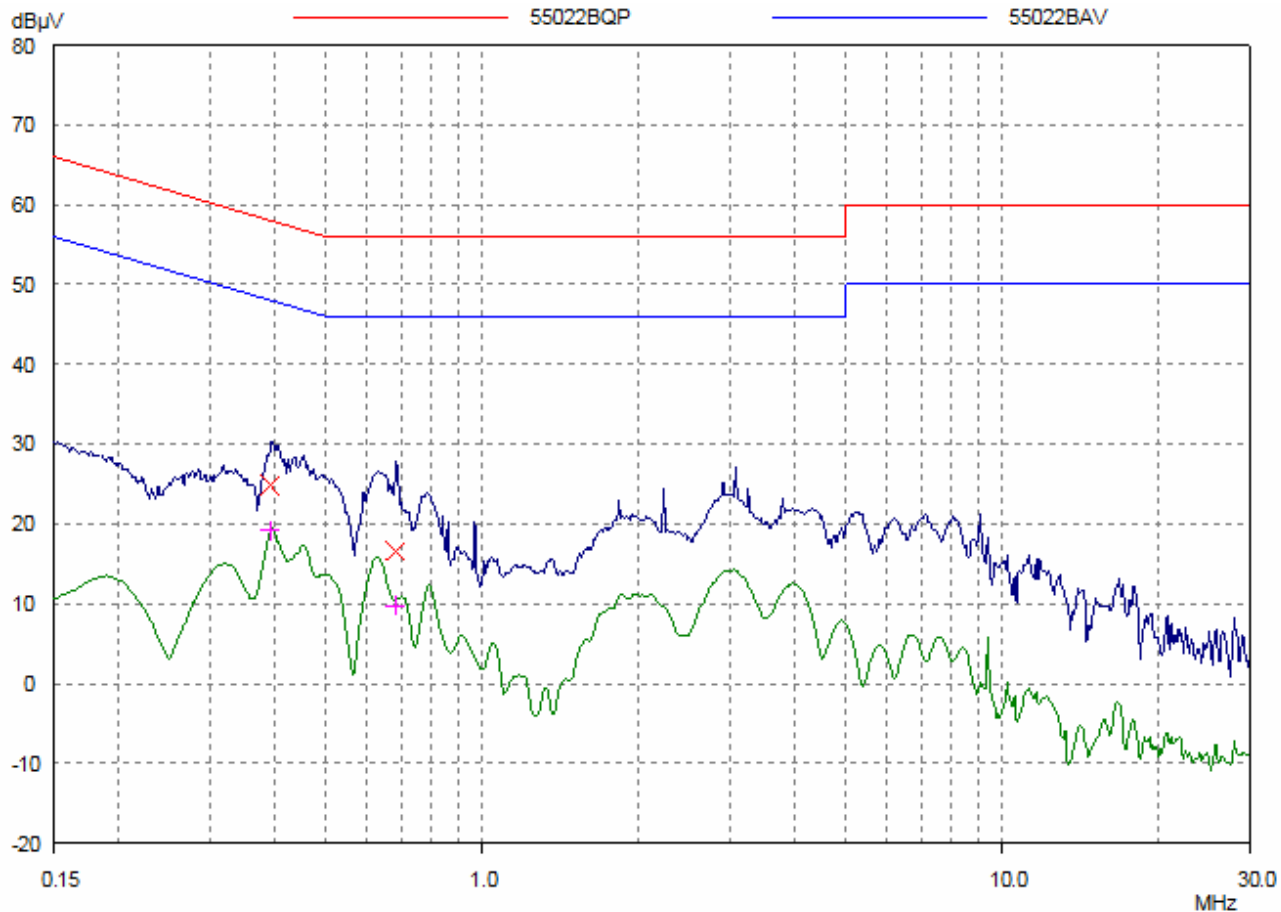
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PCS1900 dedicated, charging with adaptor:
L line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.39026	24.82	58.06	33.24
0.68169	16.63	56.00	39.37

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.39026	19.08	48.06	28.98
0.68169	9.62	46.00	36.38

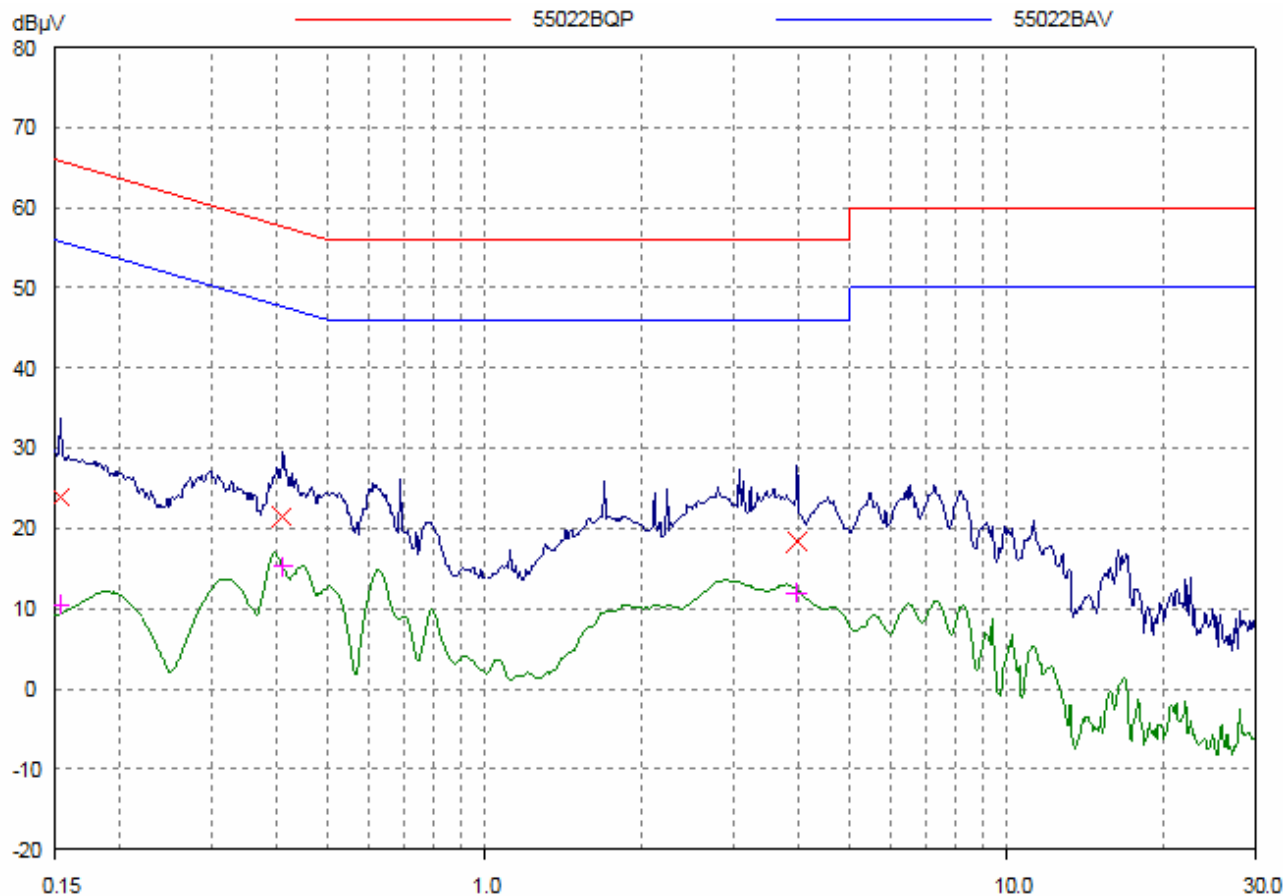
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N line:



Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.15362	23.87	65.80	41.93
0.40937	21.39	57.66	36.27
3.96615	18.31	56.00	37.69

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.15362	10.36	55.80	45.44
0.40937	15.15	47.66	32.51
3.96615	11.83	46.00	34.17

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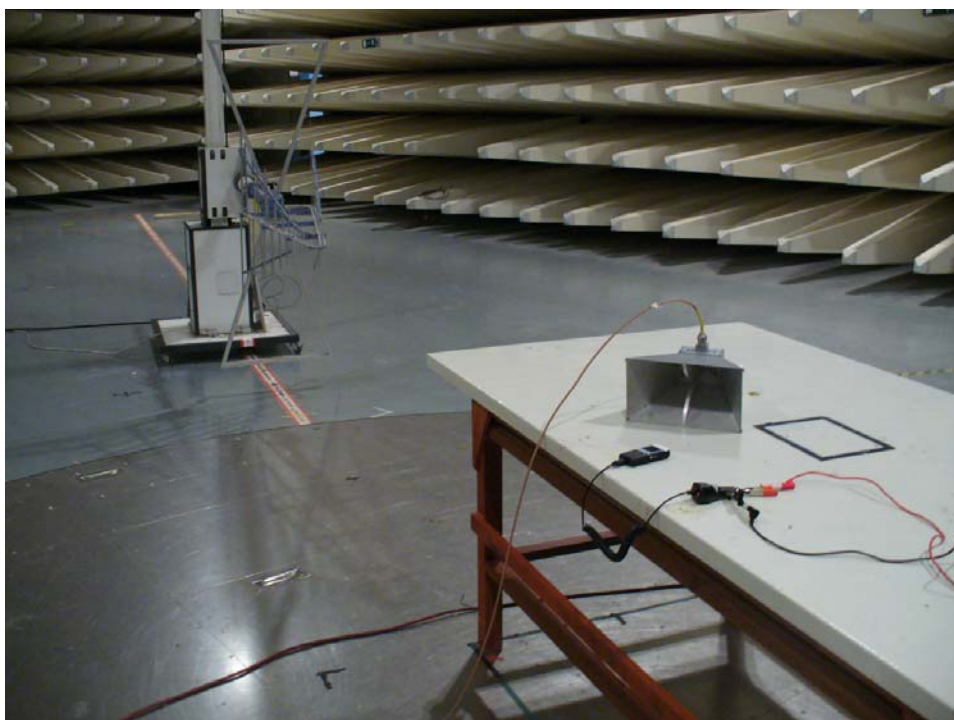
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7 Photographs

7.1 Radiated Emission Test Setup



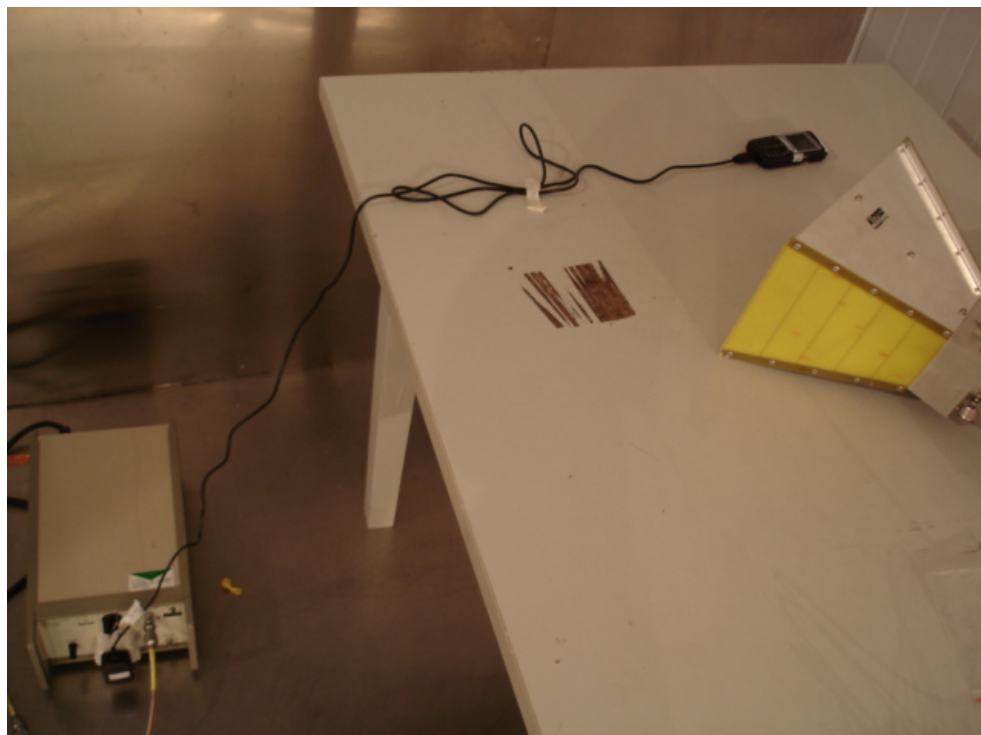
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7.2 Conducted Emission Test Setup



7.3 EUT Constructional Details



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