D-PL-12111-01-01

CNAS L0447

Registration No.910917

TEST REPORT

Report No.: SRTC2011-H024-E0052

Product Name: GSM/GPRS/EDGE/WCDMA Digital Mobile Phone with Bluetooth

Marketing Name: one touch 905M

Product Model: MINI3G M

Applicant: TCT Mobile Limited

Manufacturer: TCT Mobile Limited

Specification: FCC Part15B (Certification) (October 1, 2009 edition)

FCC ID: RAD204

The State Radio_monitoring_center Testing Center (SRTC)

No.80 Beilishi Road Xicheng District Beijing, China

Tel: 86-10-68009202 Fax: 86-10-68009205

CONTENTS

1. General information

1.1 Notes of the test report

The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written permission of The State Radio_monitoring_center Testing Center (SRTC).
The test results relate only to individual items of the samples which have been tested.

1.2 Information about the testing laboratory

Company: The State Radio_monitoring_center Testing Center (SRTC)
Address: No.80 Beilishi Road, Xicheng District, Beijing China
City: Beijing
Country or Region: China
Contacted person: Wang Junfeng
Tel: +86 10 68009181 +86 10 68009202
Fax: +86 10 68009195 +86 10 68009205
Email: wangjf@srrc.org.cn / wangjunfeng@srtc.org.cn

1.3 Applicant's details

Company: TCT Mobile Limited
Address: 5F, E building, No. 232, Liang Jing Road ZhangJiang High-Tech Park, Pudong Area
City: Shanghai
Country or Region: P.R.China
Grantee Code: RAD
Contacted Person: Gong Zhizhou
Tel: +86-21-61460890
Fax: +86-21-61460602
Email: zhizhou.gong@jrdcom.com

1.4 Manufacturer's details

Company: TCT Mobile Limited
Address: 5F, E building, No. 232, Liang Jing Road ZhangJiang High-Tech Park, Pudong Area
City: Shanghai
Country or Region: P.R.China
Contacted Person: Gong Zhizhou
Tel: +86-21-61460890
Fax: +86-21-61460602
Email: zhizhou.gong@jrdcom.com

1.5 Application details

Date of reception of test sample: 9th Jun 2011
Date of test: 9th Jun 2011 to 24th Jun 2011

1.6 Reference specification

FCC Part 15B October 1, 2009 (Certification)

1.7 Information of EUT

1.7.1 General information

Name of EUT	GSM/GPRS/EDGE/WCDMA Digital Mobile Phone with Bluetooth
FCC ID	RAD204
Frequency range	GSM850/WCDMA Band V: Tx:824~849MHz Rx:869~894MHz PCS1900: Tx:1850~1910MHz Rx:1930~1990MHz
Rated output power	GSM850:33.0dBm PCS1900:30.0dBm WCDMA:24.0dBm
E.R.P. & E.I.R.P.	E.R.P.: 31.67dBm E.I.R.P.: 26.6dBm
Modulation type	GSM/GPRS:GMSK EDGE:8PSK WCDMA:QPSK
Emission Designator	GSM/GPRS:300KGXW EDGE:300KG7W WCDMA:4M50F9W
Duplex mode	FDD
Equipment Class	Class B
Duplex spacing	GSM850/WCDMA Band V:45MHz PCS1900:80MHz
Antenna type	Integral
Power Supply	Battery or charger
Rated Power Supply Voltage	3.8V
Extreme Temperature	Lowest: -30°C Highest: +50°C
Extreme Voltage	Minimum: 3.5V Maximum: 4.2V
HW Version	PIO3
SW Version	sw160

1.7.2 EUT details

Product Name	Marketing Name	Product Model	IMEI
GSM/GPRS/EDGE/WCDMA Digital Mobile Phone with Bluetooth	one touch 905M	MINI3G M	012835000000021

1.7.3 Auxiliary equipment details

AE (Auxiliary Equipment) 1#: Charger

Equipment	Charger
Manufacturer	Ten Pao International Ltd.
Model Number	CBA3120AA0C2
Input Voltage	100V-240V a.c.
Output Voltage	5.0V d.c.
Frequency	50/60Hz

AE (Auxiliary Equipment) 2#: Battery

Equipment	Battery
Manufacturer	BYD LITHIUM BATTERY CO., LTD
Model Number	CAB3120000C1
Capacity	850mAh
Rated Voltage	3.7V d.c.

AE (Auxiliary Equipment) 3#: Headset

Equipment	Headset
Manufacturer	Lianyun Electronic Technology Co,.Ltd
Model Number	CCB3160A10C2

AE (Auxiliary Equipment) 4#: Headset

Equipment	Headset
Manufacturer	Jiangxi Lianchuang Hongsheng
Model Number	CCB3160A10C3

AE (Auxiliary Equipment) 5#: Data Cable

Equipment	Data Cable
Manufacturer	Shen Zhen Ju Wei Electronic Co.,LTD
Model Number	CDA3122001C1

AE (Auxiliary Equipment) 6#: Data Cable

Equipment	Data Cable
Manufacturer	Huizhou Shenghua Industry Co.,Ltd
Model Number	CDA3122001C2

Note:

All the auxiliary equipments have been labeled with number in order to identify the test sample.

As the information described above, there are two different models of headset manufactured by two different companies. The relevant tests have been performed in order to verify that the EUT has the same features when exercised by each model. So all the tests except conducted emissions (please refer to the section 2.2.1 for details) shown in this test report are performed when the EUT exercised by only one model of these two headsets. The model which is chosen for testing is CCB3160A10C2.

2. Test information

2.1 Summary of the test results

No.	Test case	FCC reference	Verdict
1	Conducted emissions	15.107	Pass
2	Radiated emissions	15.109	Pass

This Test Report Is Issued by: Mr. Song Qizhu Director of the test lab	Checked by: Mr. Wang Junfeng Deputy director of the test lab
Tested by: Mr. Wang Zheng Test engineer	Issued date: **2011.06.27**

2.2 Test result

2.2.1 Conducted Emissions-FCC Part15.107

Ambient condition:

Temperature	Relative humidity	Pressure
27.8°C	38.9%	99.9kPa

Test Setup:

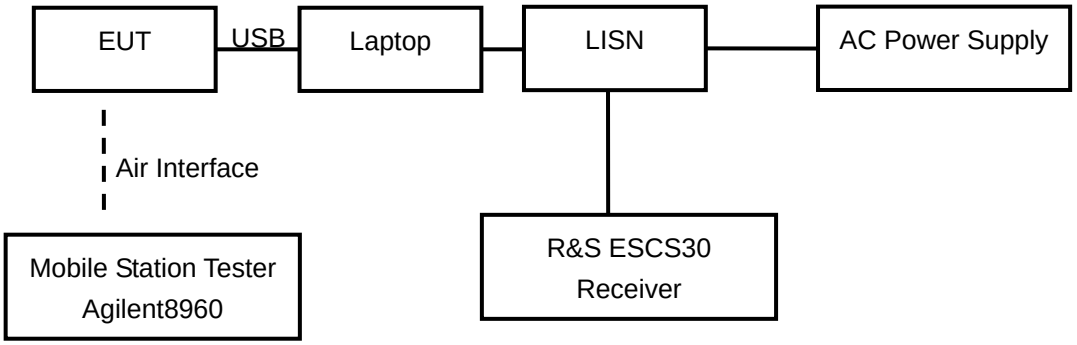


Figure 1

Test Procedure:

The EUT is placed on a non-metallic table 0.4m above the horizontal metal reference ground plane. The EUT connect with a laptop via the USB cable. The accessories of the EUT are connected with the EUT such as headset etc. During the test the data transferring via USB cable between EUT and laptop is maintained.

The AC main power supply of the laptop is connected to LISN and LISN is connected to the reference ground. The test set-up and the test methods are performed according to ANSI C63.4:2009.

Then start the test software ES-K1. Sweep the whole frequency band through the range from 150 KHz to 30 MHz. The measurement should be done for both L line and N line. During pre-test, the receiver uses both peak detector and average detector. And the final test, the receiver uses both average detector and Quasi-peak detector.

The data of cable loss has been calibrated in full testing frequency range before the testing.

Limit:

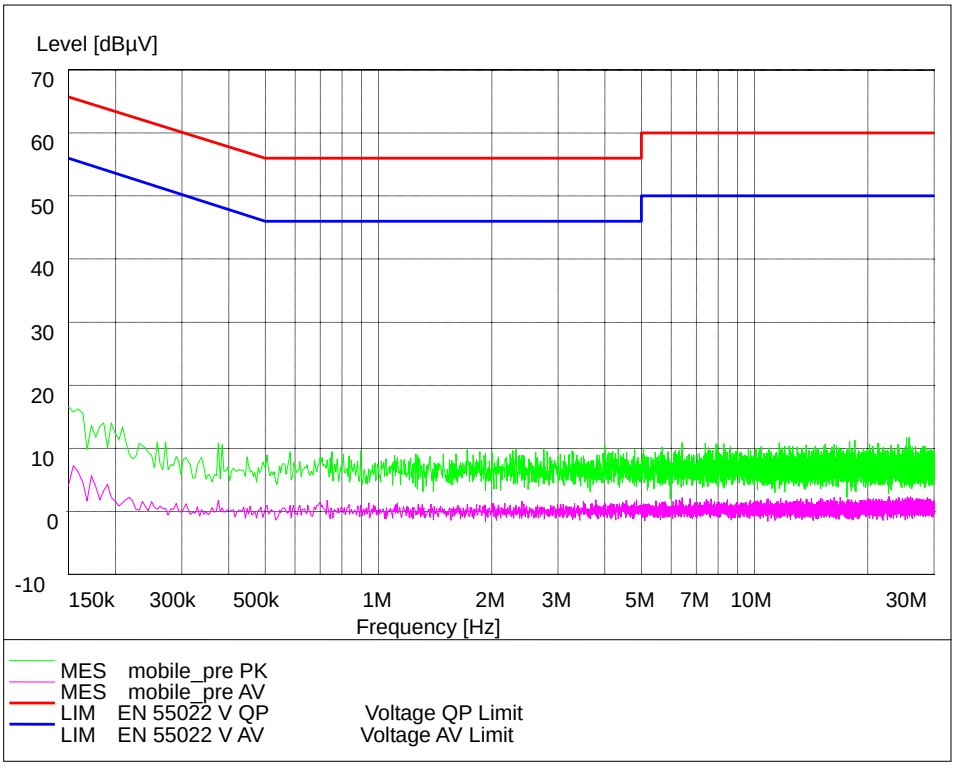
Frequency of Emission(MHz)	Limits(dBμV)	
	Quasi-peak	Average
0.15～0.5	66 to 56*	56 to 46*
0.5～5	56	46
5～30	60	50

Note: * Decreases with the logarithm of the frequency

Test result:

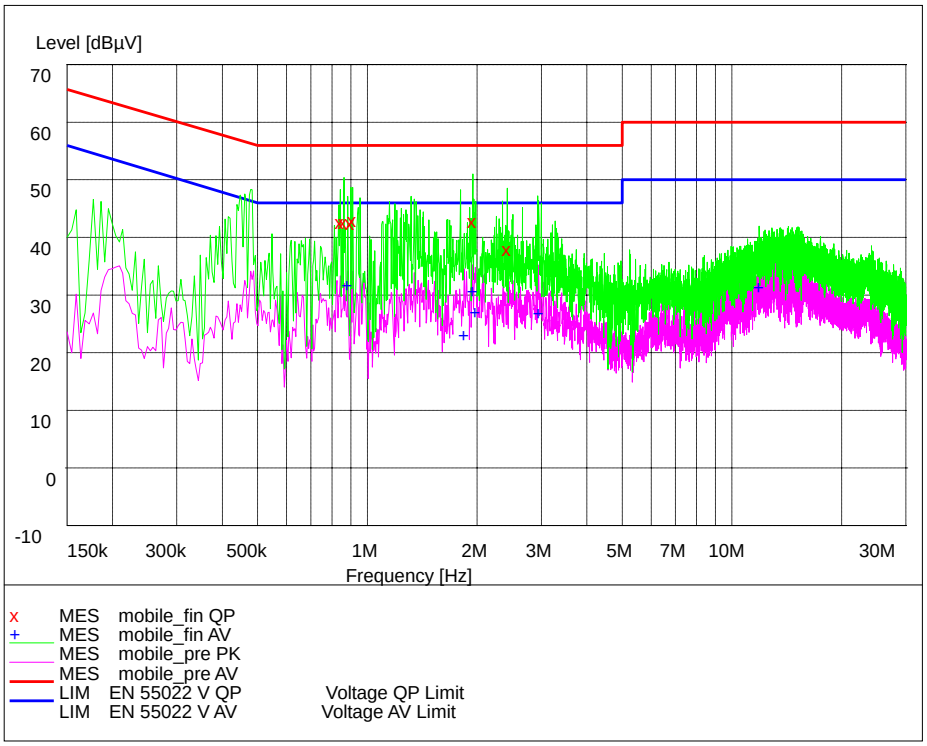
Refer to the following figures:

Noise Level of The Measuring Instrument



L and N Line

GSM 850 Laptop+AE2#+AE3#+AE5#



L and N Line

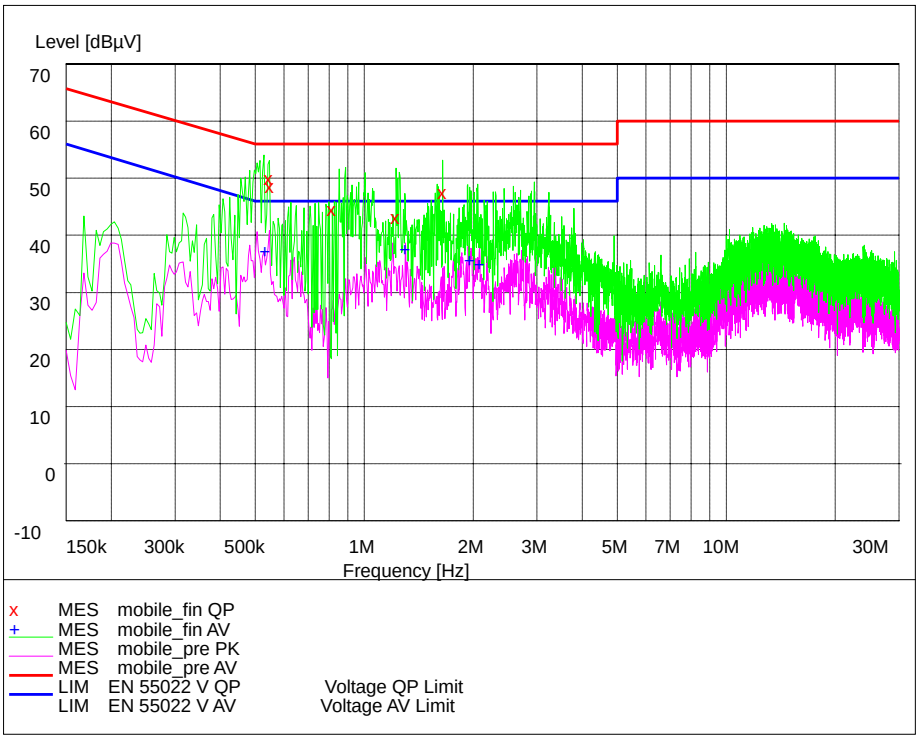
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.883500	33.60	20.3	46	12.4	N	GND
1.842000	24.90	20.2	46	21.1	L1	GND
1.945500	32.60	20.2	46	13.4	N	GND
1.977000	28.80	20.3	46	17.2	N	GND
2.949000	28.70	20.3	46	17.3	L1	GND
11.877000	33.20	20.7	50	16.8	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.843000	44.60	20.3	56	11.4	L1	GND
0.861000	44.50	20.3	56	11.5	N	GND
0.901500	44.40	20.2	56	11.6	N	GND
0.910500	44.90	20.2	56	11.1	N	GND
1.945500	44.70	20.2	56	11.3	L1	GND
2.418000	39.80	20.3	56	16.2	L1	GND

GSM 850 Laptop+AE2#+AE3#+AE6#



L and N Line

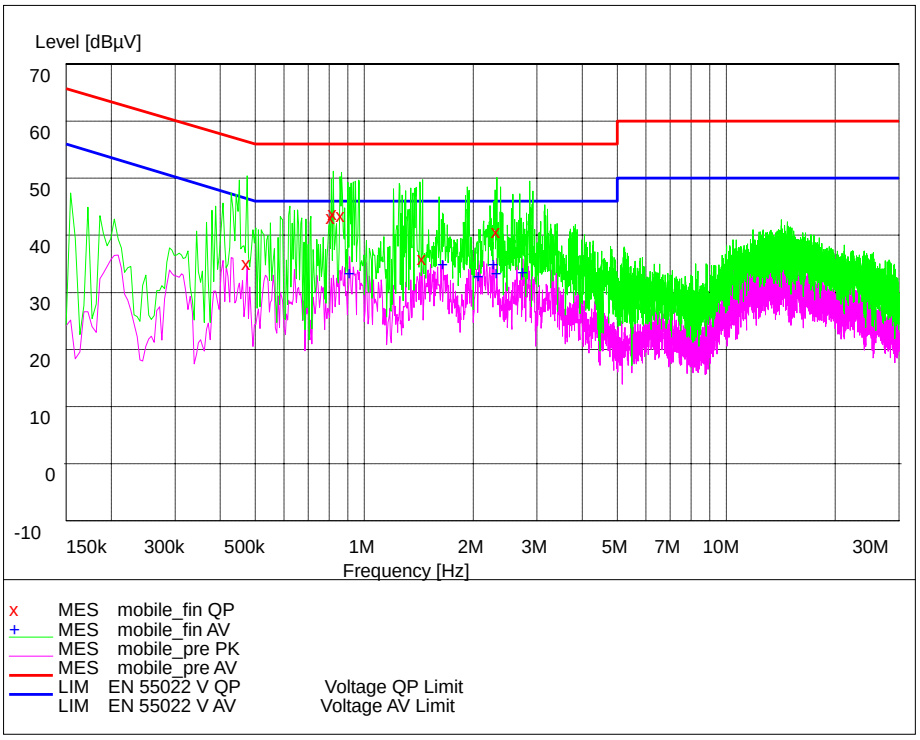
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.532500	39.00	20.3	46	7.0	L1	GND
1.297500	39.40	20.2	46	6.6	L1	GND
1.959000	37.60	20.2	46	8.4	N	GND
2.080500	36.90	20.3	46	9.1	N	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.546000	51.80	20.3	56	4.2	N	GND
0.550500	50.50	20.3	56	5.5	L1	GND
0.816000	46.50	20.3	56	9.5	N	GND
1.225500	45.10	20.2	56	10.9	L1	GND
1.648500	49.40	20.2	56	6.6	N	GND

GSM 1900 Laptop+AE2#+AE3#+AE5#



L and N Line

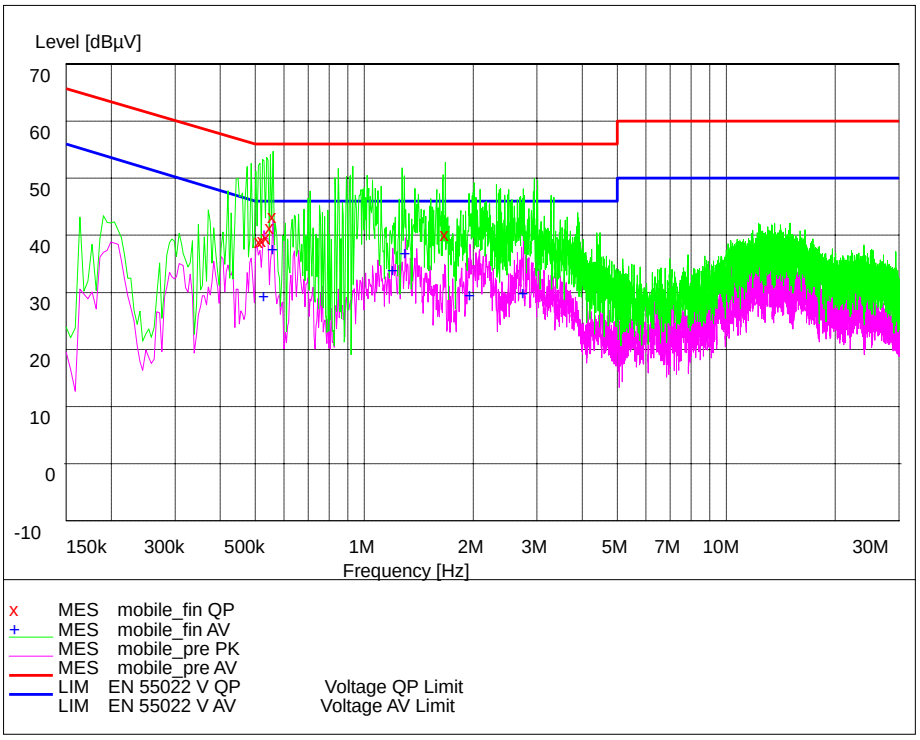
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.910500	35.30	20.2	46	10.7	L1	GND
1.653000	36.90	20.2	46	9.1	L1	GND
2.071500	34.80	20.3	46	11.2	N	GND
2.278500	36.90	20.3	46	9.1	L1	GND
2.323500	35.30	20.3	46	10.7	N	GND
2.742000	35.40	20.3	46	10.6	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.474000	37.00	20.3	56	19.4	N	GND
0.811500	45.10	20.3	56	10.9	N	GND
0.820500	45.70	20.3	56	10.3	N	GND
0.865500	45.40	20.3	56	10.6	L1	GND
1.450500	37.90	20.2	56	18.1	L1	GND
2.323500	42.60	20.3	56	13.4	N	GND

GSM 1900 Laptop+AE2#+AE3#+AE6#



L and N Line

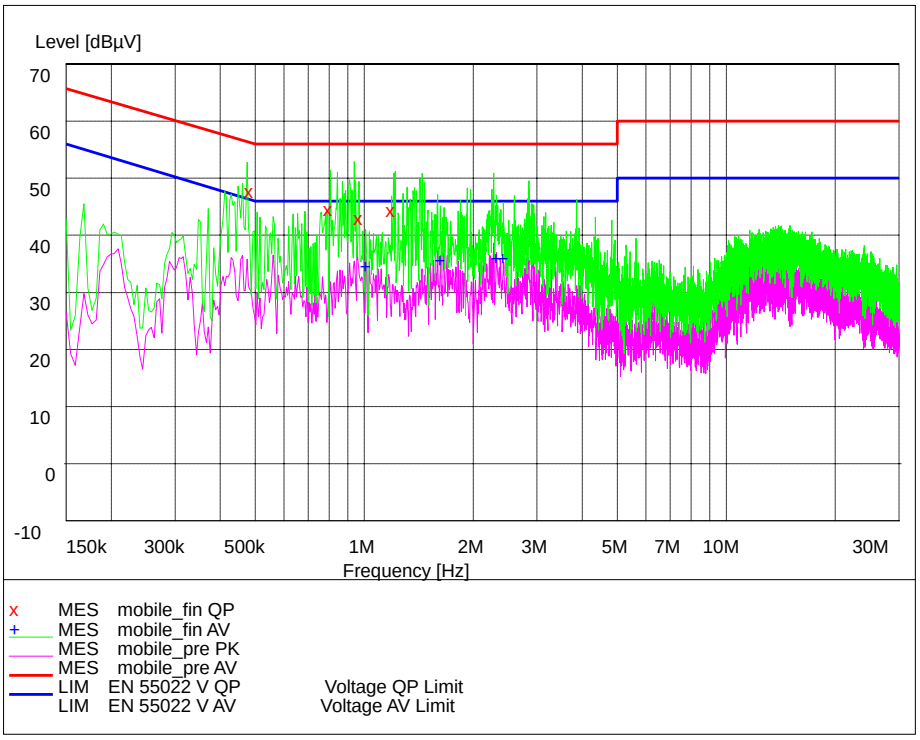
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.528000	31.20	20.3	46	14.8	N	GND
0.559500	39.40	20.3	46	6.6	N	GND
1.198500	35.90	20.2	46	10.1	L1	GND
1.297500	38.80	20.2	46	7.2	L1	GND
1.959000	31.40	20.2	46	14.6	N	GND
2.751000	31.70	20.3	46	14.3	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.514500	40.80	20.3	56	15.2	N	GND
0.523500	41.10	20.3	56	14.9	N	GND
0.537000	41.50	20.3	56	14.5	L1	GND
0.550500	43.30	20.3	56	12.7	N	GND
0.559500	45.20	20.3	56	10.8	N	GND
1.675500	42.20	20.2	56	13.8	L1	GND

WCDMA BAND V Laptop+AE2#+AE3#+AE5#



L and N Line

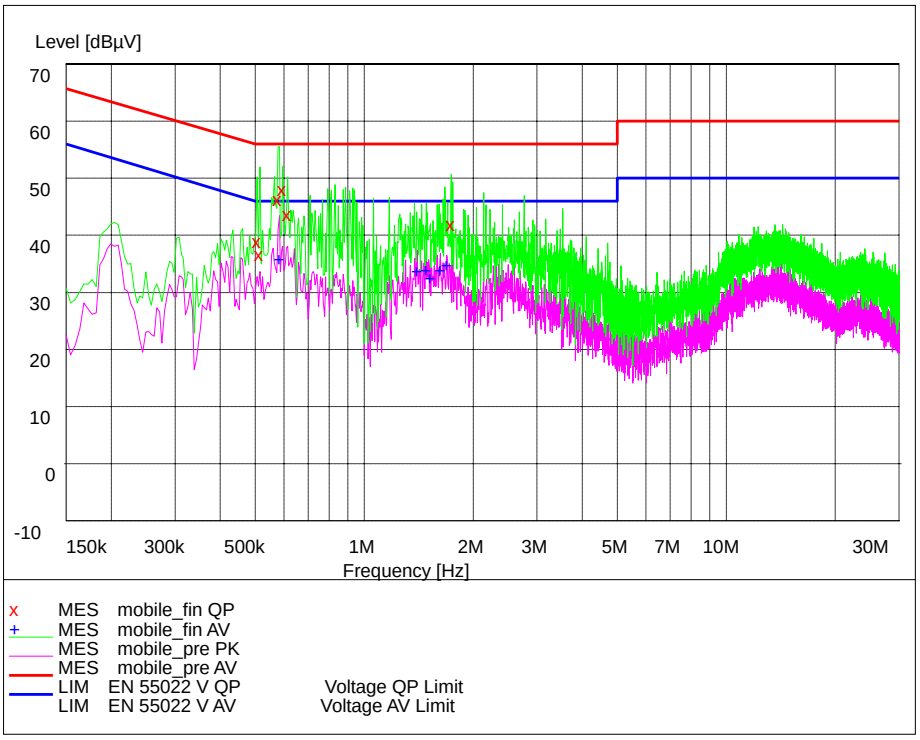
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
1.009500	36.40	20.2	46	9.6	N	GND
1.621500	37.50	20.2	46	8.5	N	GND
2.319000	37.90	20.3	46	8.1	L1	GND
2.418000	37.90	20.3	46	8.1	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.483000	49.60	20.3	56	6.7	L1	GND
0.798000	46.50	20.3	56	9.5	N	GND
0.969000	44.90	20.2	56	11.1	L1	GND
1.189500	46.40	20.2	56	9.6	L1	GND

WCDMA BAND V Laptop+AE2#+AE3#+AE6#



L and N Line

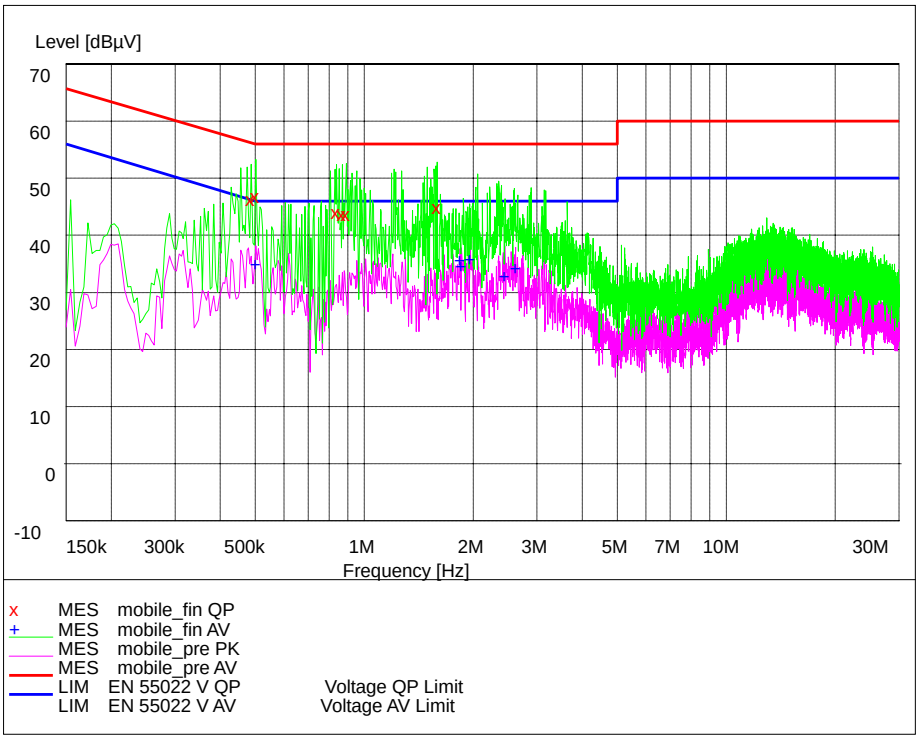
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.582000	37.70	20.3	46	8.3	N	GND
1.401000	35.60	20.2	46	10.4	N	GND
1.482000	35.80	20.2	46	10.2	L1	GND
1.522500	34.40	20.2	46	11.6	L1	GND
1.621500	35.70	20.2	46	10.3	N	GND
1.689000	36.70	20.2	46	9.3	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.505500	40.80	20.3	56	15.2	L1	GND
0.514500	38.70	20.3	56	17.3	N	GND
0.577500	48.20	20.3	56	7.8	L1	GND
0.595500	50.00	20.3	56	6.0	N	GND
0.613500	45.50	20.3	56	10.5	N	GND
1.738500	43.80	20.2	56	12.2	N	GND

FM Radio Laptop+AE2#+AE3#+AE5#



L and N Line

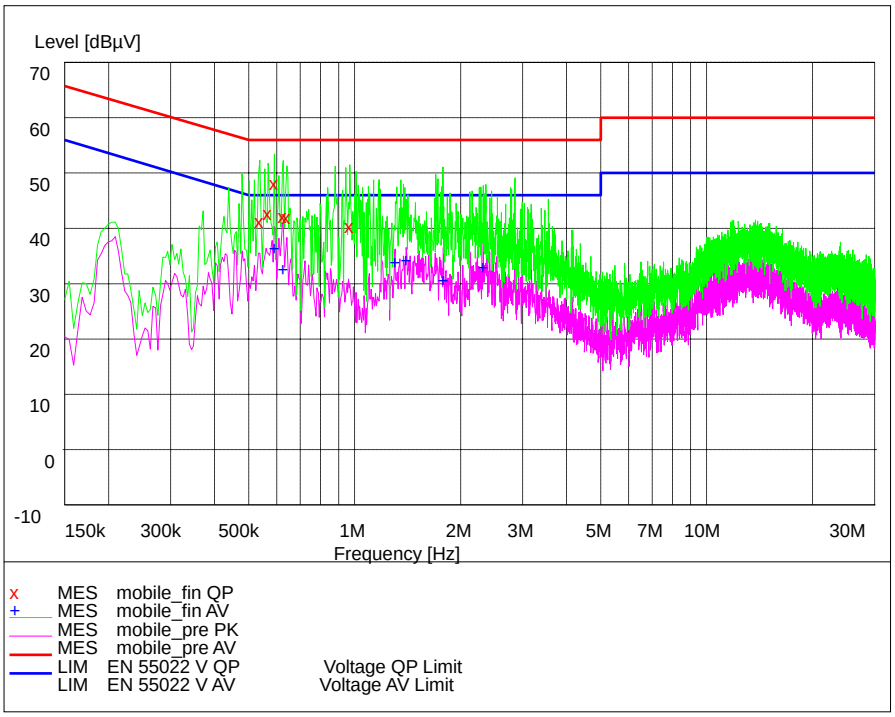
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.501000	36.90	20.3	46	9.1	L1	GND
1.837500	37.60	20.2	46	8.4	N	GND
1.855500	36.40	20.2	46	9.6	N	GND
1.959000	37.70	20.2	46	8.3	L1	GND
2.445000	34.80	20.3	46	11.2	N	GND
2.616000	36.20	20.3	46	9.8	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.487500	48.30	20.3	56	7.9	N	GND
0.501000	48.90	20.3	56	7.1	N	GND
0.838500	46.00	20.3	56	10.0	N	GND
0.870000	45.60	20.3	56	10.4	N	GND
0.892500	45.50	20.2	56	10.5	L1	GND
1.590000	46.80	20.2	56	9.2	L1	GND

FM Radio Laptop+AE2#+AE3#+AE6#



L and N Line

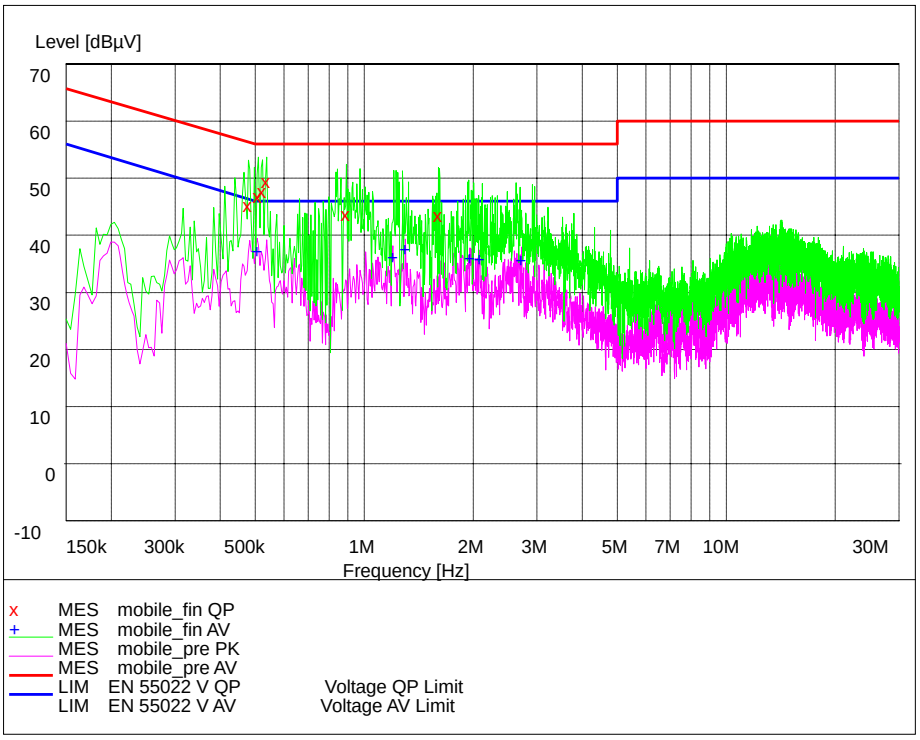
MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.591000	38.40	20.3	46	7.6	L1	GND
0.627000	34.60	20.3	46	11.4	N	GND
1.302000	35.90	20.2	46	10.1	N	GND
1.401000	36.30	20.2	46	9.7	L1	GND
1.783500	32.60	20.2	46	13.4	N	GND
2.314500	35.00	20.3	46	11.0	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.537000	43.40	20.3	56	12.6	N	GND
0.568500	44.80	20.3	56	11.2	N	GND
0.591000	50.20	20.3	56	5.8	N	GND
0.627000	44.20	20.3	56	11.8	L1	GND
0.640500	44.00	20.3	56	12.0	N	GND
0.969000	42.30	20.2	56	13.7	L1	GND

MP3/MP4 Laptop+AE2#+AE3#+AE5#



L and N Line

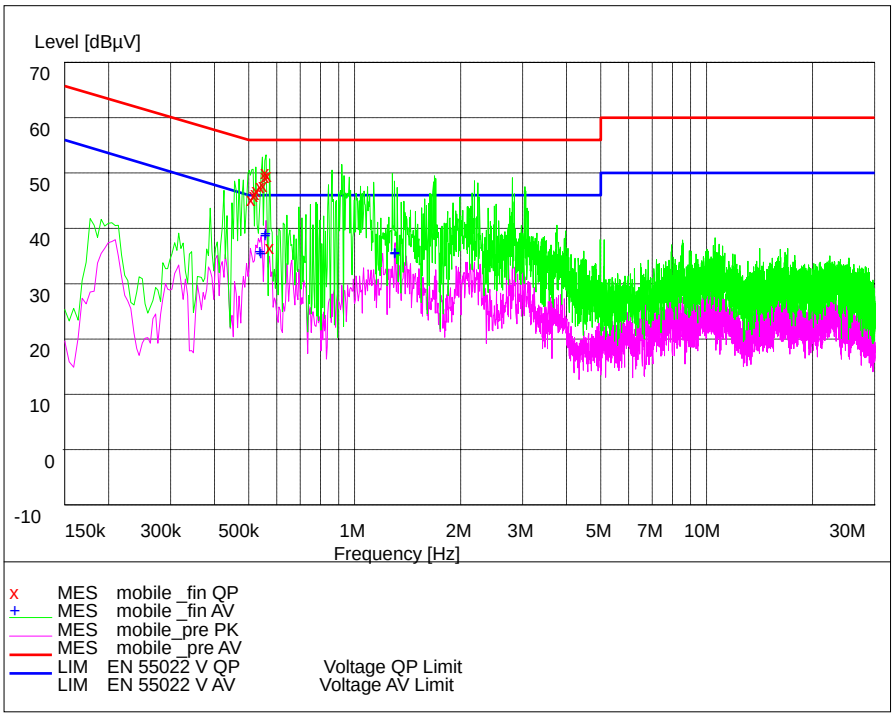
MEASUREMENT RESULT: "mobile_fin AV"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.505500	39.10	20.3	46	6.9	L1	GND
1.198500	38.10	20.2	46	7.9	L1	GND
1.297500	39.50	20.2	46	6.5	L1	GND
1.959000	37.80	20.2	46	8.2	N	GND
2.080500	37.70	20.3	46	8.3	N	GND
2.719500	37.60	20.3	46	8.4	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.478500	47.10	20.3	56	9.2	L1	GND
0.510000	48.90	20.3	56	7.1	N	GND
0.523500	49.60	20.3	56	6.4	N	GND
0.537000	51.40	20.3	56	4.6	L1	GND
0.892500	45.50	20.2	56	10.5	N	GND
1.603500	45.40	20.2	56	10.6	L1	GND

MP3/MP4 Laptop+AE2#+AE3#+AE6#



L and N Line

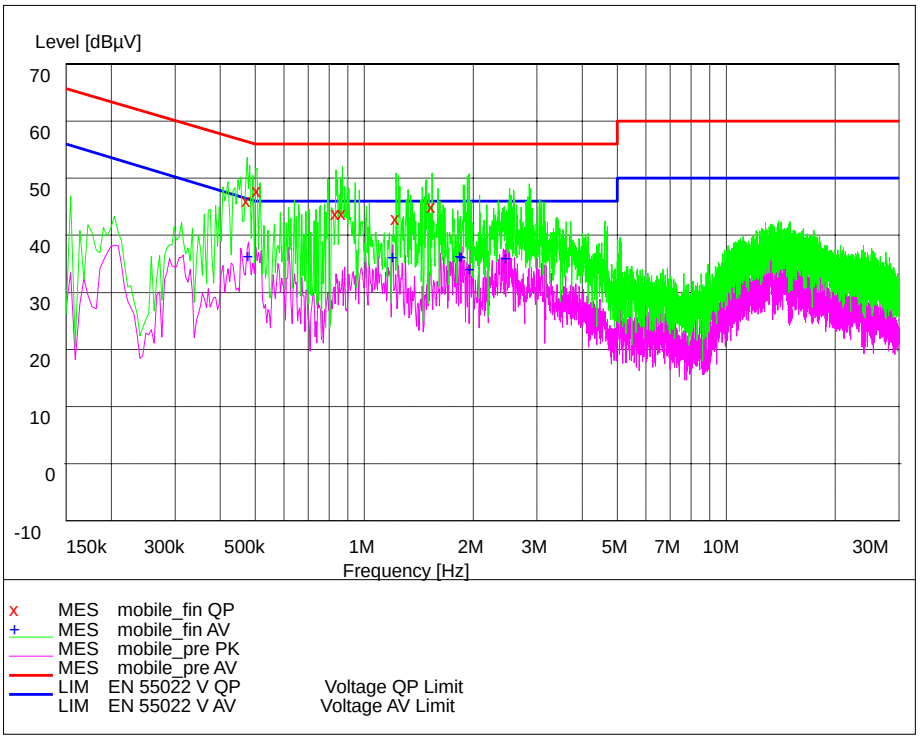
MEASUREMENT RESULT: " mobile _fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.539500	37.90	20.3	46	8.1	N	GND
0.542000	37.40	20.3	46	8.6	L1	GND
0.558500	40.90	20.3	46	5.1	L1	GND
0.559500	41.20	20.3	46	4.8	L1	GND
1.301000	37.50	20.2	46	8.5	N	GND
1.302000	37.70	20.2	46	8.3	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.528000	48.90	20.3	56	7.1	N	GND
0.541000	49.70	20.3	56	6.3	N	GND
0.551000	49.80	20.3	56	6.2	L1	GND
0.559000	51.50	20.3	56	4.5	N	GND
0.559500	52.10	20.3	56	3.9	L1	GND
0.567500	51.70	20.3	56	4.3	N	GND

Camera Laptop+AE2#+AE3#+AE5#



L and N Line

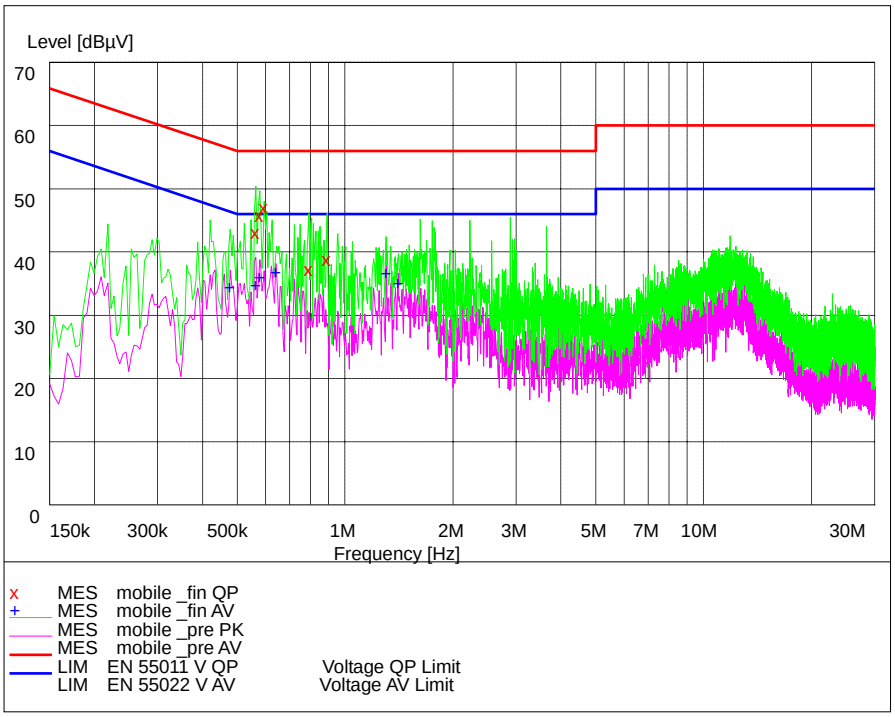
MEASUREMENT RESULT: "mobile_fin AV"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.478500	38.20	20.3	46	8.1	N	GND
1.198500	38.00	20.2	46	8.0	L1	GND
1.837500	38.30	20.2	46	7.7	L1	GND
1.860000	38.10	20.2	46	7.9	N	GND
1.959000	36.00	20.2	46	10.0	N	GND
2.463000	37.90	20.3	46	8.1	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.474000	48.00	20.3	56	8.5	N	GND
0.505500	49.80	20.3	56	6.2	L1	GND
0.834000	45.80	20.3	56	10.2	L1	GND
0.870000	45.80	20.3	56	10.2	L1	GND
1.225500	44.90	20.2	56	11.1	N	GND
1.540500	46.90	20.2	56	9.1	L1	GND

Camera Laptop+AE2#+AE3#+AE6#



L and N Line

MEASUREMENT RESULT: "mobile_fin AV"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.478500	36.20	20.3	46	10.2	N	GND
0.564000	36.50	20.3	46	9.5	L1	GND
0.577500	37.80	20.3	46	8.2	N	GND
0.640500	38.60	20.3	46	7.4	L1	GND
1.302000	38.50	20.2	46	7.5	N	GND
1.405500	36.80	20.2	46	9.2	L1	GND

MEASUREMENT RESULT: "mobile_fin QP"

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.564000	44.90	20.3	56	11.1	N	GND
0.577500	47.50	20.3	56	8.5	N	GND
0.595500	48.80	20.3	56	7.2	L1	GND
0.793500	39.10	20.3	56	16.9	L1	GND
0.892500	40.60	20.2	56	15.4	N	GND

2.2.2 Radiated Emissions-FCC Part15.109

Ambient condition:

Temperature	Relative humidity	Pressure
25.7°C	39.6%	99.9kPa

Test Setup:

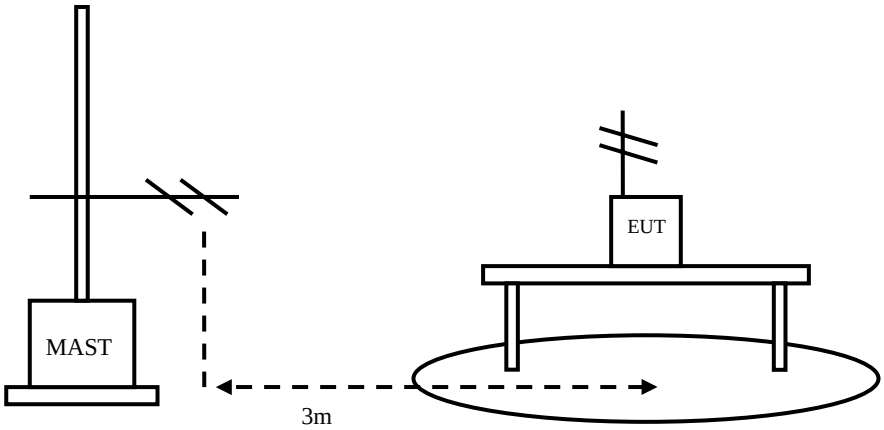


Figure 2

Test Procedure:
The EUT should be placed on a non-metallic table 80cm above the ground plane. The receive antennas shall be moved from 1 to 4 meters. The distance between EUT and receive antenna should be 3 meters.
The EUT should work in idle mode. The accessories of the EUT are connected with the EUT such as headset etc. The test set-up and the test methods are performed according to ANSI C63.4:2009.
Then start the test software ES-K1. Sweep the whole frequency band through the range from 30MHz to 1GHz, using receive log period antenna HL562.
During the test, the height of receive antenna shall be moved from 1 to 4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turn table shall be rotated from 0 to 360 degrees for detecting the maximum of radiated spurious signal level. The measurements shall be repeated with orthogonal polarization of the test antenna. The EUT is laid in two modes as follow: 1. put the EUT in horizontal direction; 2. put the EUT in vertical direction.
The data of cable loss and antenna factor have been calibrated in full testing frequency range before the testing.

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.
The measurement results are obtained as described below:
Result= P_{mea} + A_{Rpl}

Limit:

Frequency of Emission(MHz)	Limits	
	Detector	Unit (dBμV/m)
30～88	Quasi-peak	40
88～216	Quasi-peak	43.5
216～960	Quasi-peak	46
960～1000	Quasi-peak	54
1000～5th harmonic of the highest frequency or 40GHz, whichever is lower	Average Peak	54 74

Test result:

GSM 850 Mode

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity
797.83	27.24	5.1	22.14	Vertical
880.37	28.54	5.5	23.04	Vertical
932.86	30.60	5.7	24.90	Vertical
2969.13	16.94	-21.5	38.44	Horizontal
4376.75	21.69	-19.1	40.79	Horizontal
5945.89	24.90	-15.9	40.80	Vertical

PCS1900 Mode

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity
1288.57	35.70	-25.1	60.80	Vertical
2598.79	30.80	-23.7	54.50	Horizontal
2985.97	31.40	-21.5	52.90	Vertical
4410.82	20.68	-19.1	39.78	Vertical
7126.25	38.04	-12.8	50.84	Horizontal
10000.00	40.13	-9.6	49.73	Horizontal

WCDMA Band V Mode

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity
1064.92	30.20	5.9	24.30	Horizontal
1431.66	29.80	-24.3	54.10	Horizontal
2528.65	31.40	-23.7	55.70	Vertical
2977.50	31.92	-21.5	53.42	Vertical
4238.43	20.62	-19.1	39.72	Horizontal
5993.98	25.00	-15.9	40.90	Horizontal

FM Radio Mode

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity
429.45	27.59	3.8	23.79	Vertical
930.86	32.07	5.7	26.37	Vertical
2419.23	15.40	-23.9	39.30	Vertical
2957.91	16.49	-21.5	37.99	Horizontal
4376.75	20.92	-19.1	40.02	Vertical
5939.87	25.39	-15.9	41.29	Vertical

MP3/MP4 Mode

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity
429.47	27.57	3.8	23.77	Vertical
934.86	32.82	5.7	27.12	Horizontal
2416.43	15.38	-23.9	39.28	Horizontal
2913.02	16.76	-21.5	38.26	Horizontal
4377.75	20.96	-19.1	40.06	Vertical
5975.95	24.73	-15.9	40.63	Horizontal

Camera Mode

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity
429.58	27.94	3.8	24.14	Vertical
933.86	32.39	5.7	26.69	Vertical
2416.32	15.38	-23.9	39.28	Vertical
2879.35	16.56	-21.5	38.06	Vertical
4364.72	20.93	-19.1	40.03	Vertical
5921.84	24.86	-15.9	40.76	Vertical

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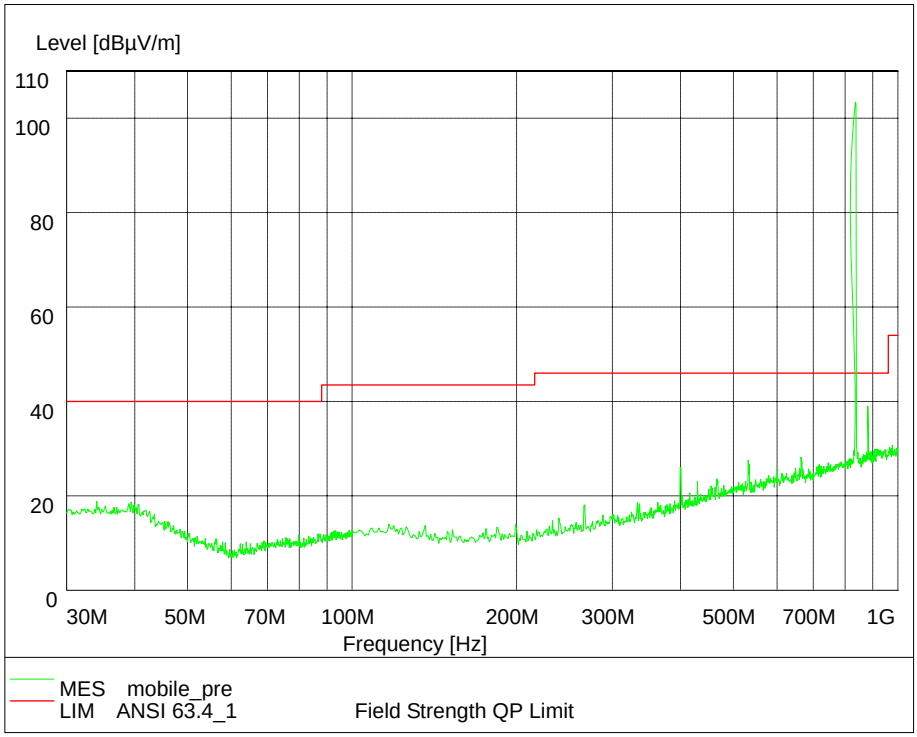
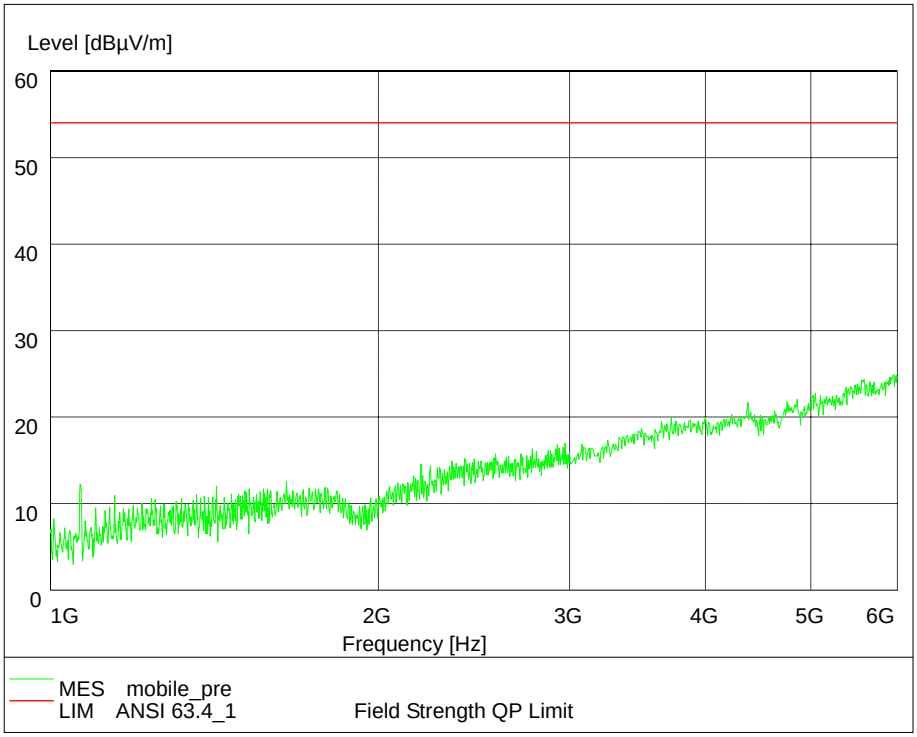
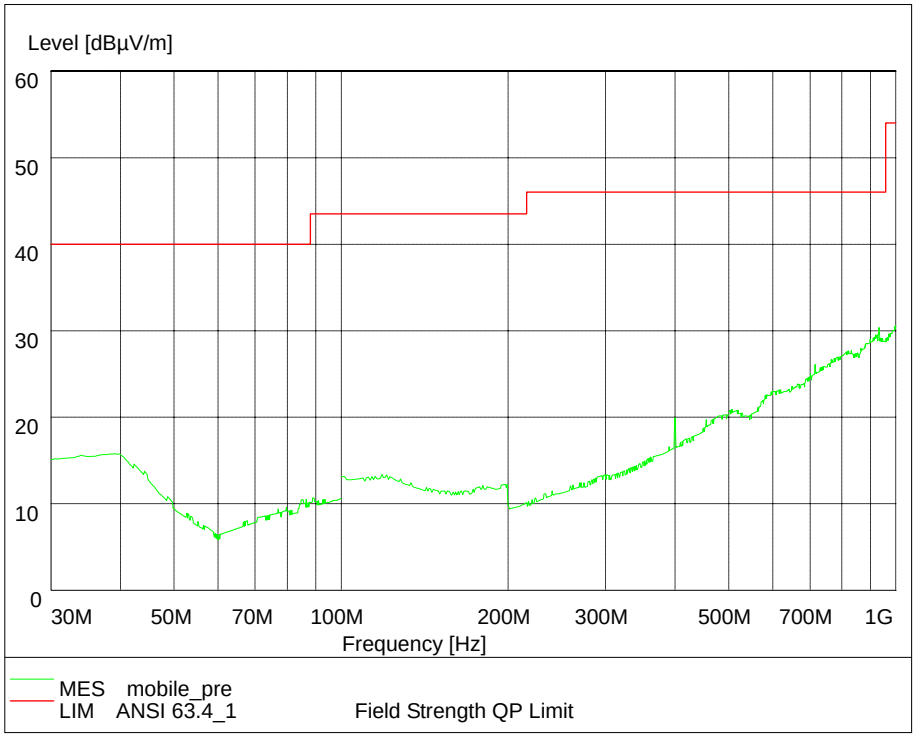


GSM 850 (30MHz – 1GHz)

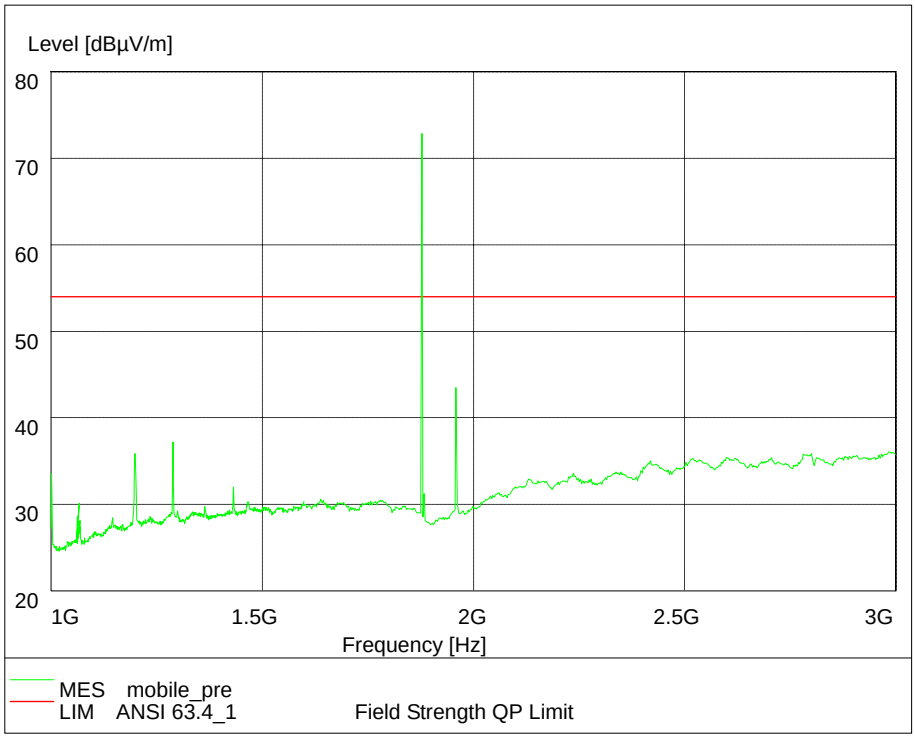
Note: The signal beyond the limit is the base station simulator carrier.



GSM 850 (1GHz – 6GHz)

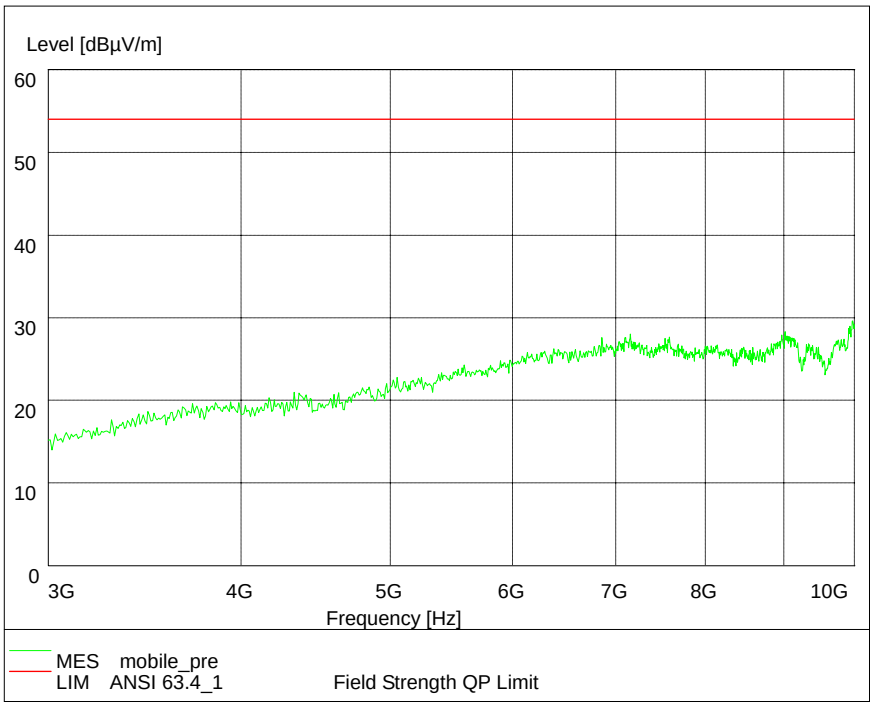


PCS 1900 (30MHz – 1GHz)

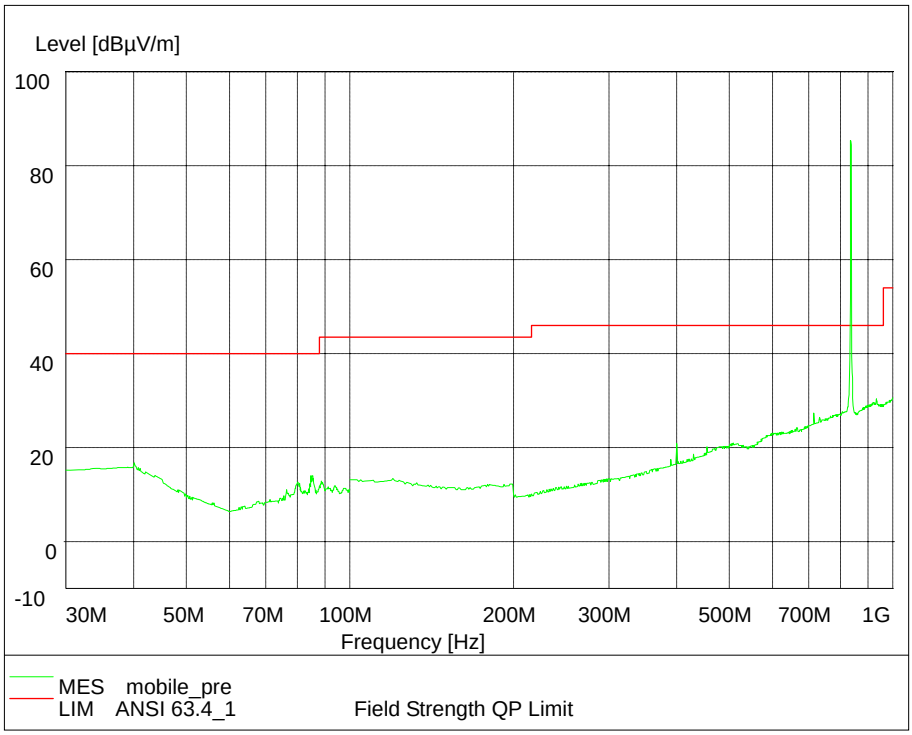


PCS 1900 (1GHz – 3GHz)

Note: The signals beyond the limit are the base station and simulator carrier.

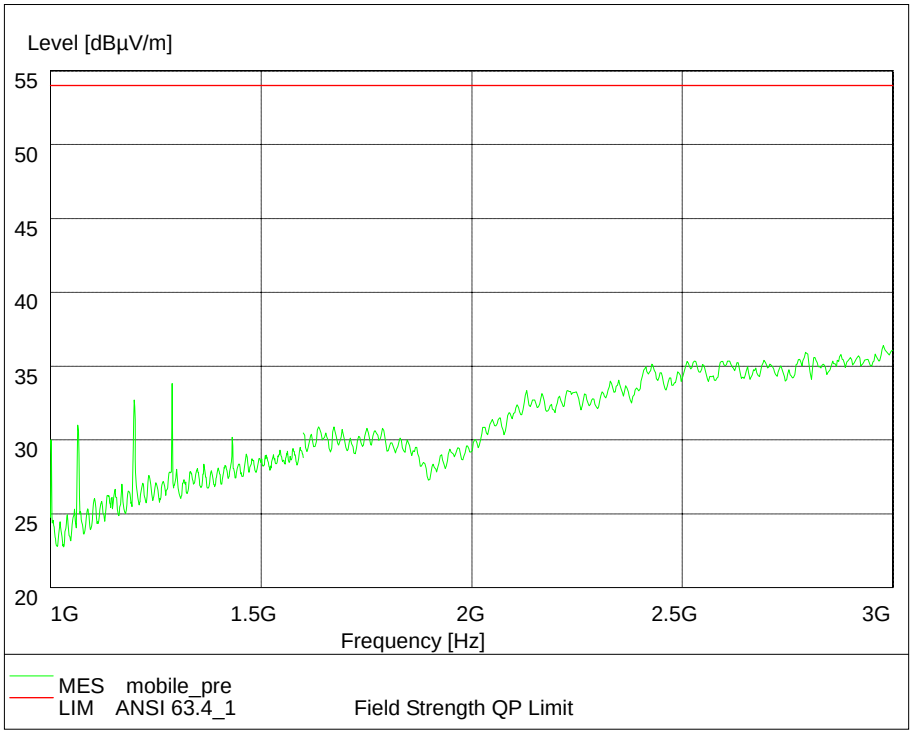


PCS 1900 (3GHz – 10GHz)

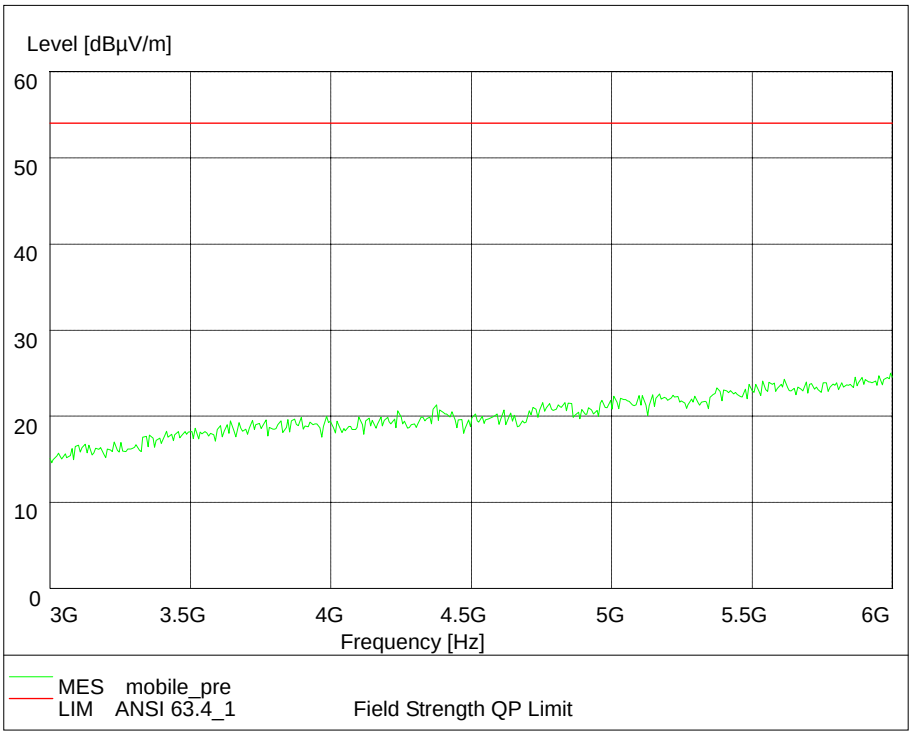


WCDMA BAND V (30MHz – 1GHz)

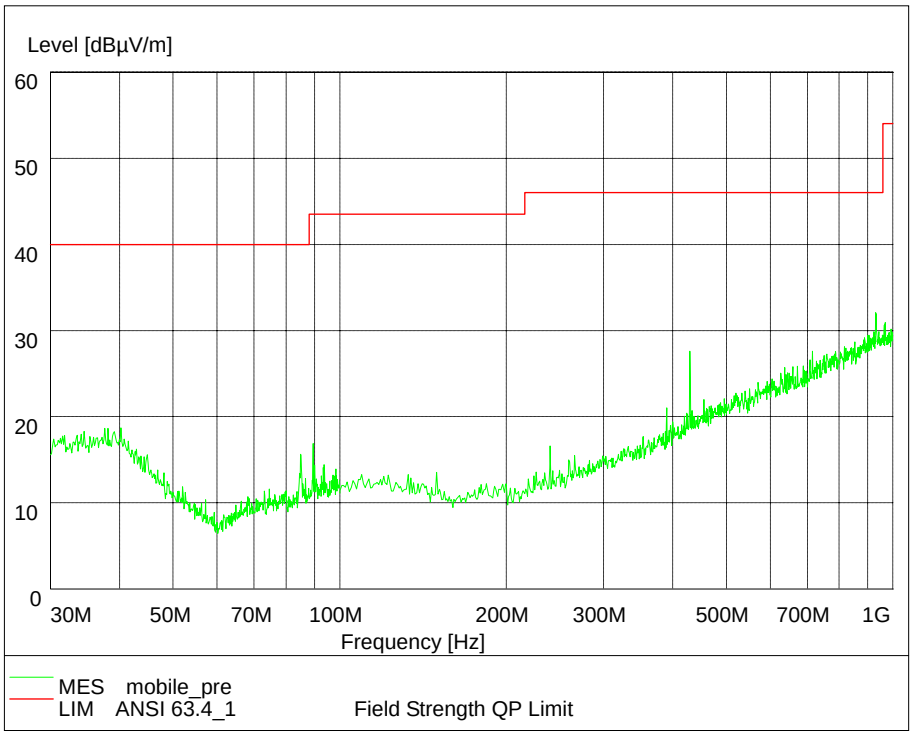
The signal beyond the limit is the base station simulator carrier.



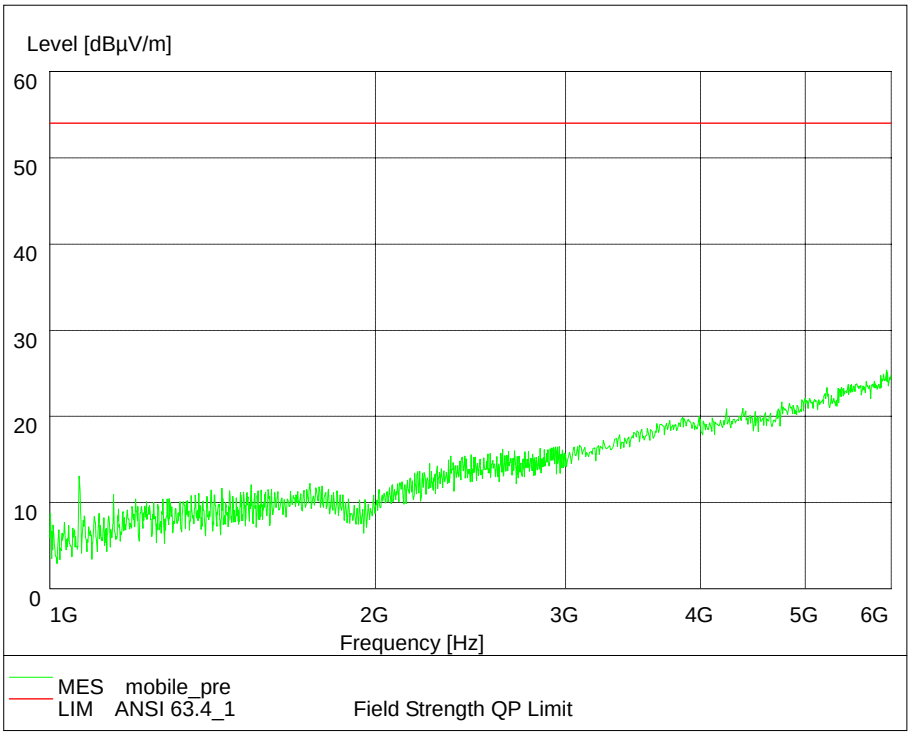
WCDMA BAND V (1GHz – 3GHz)



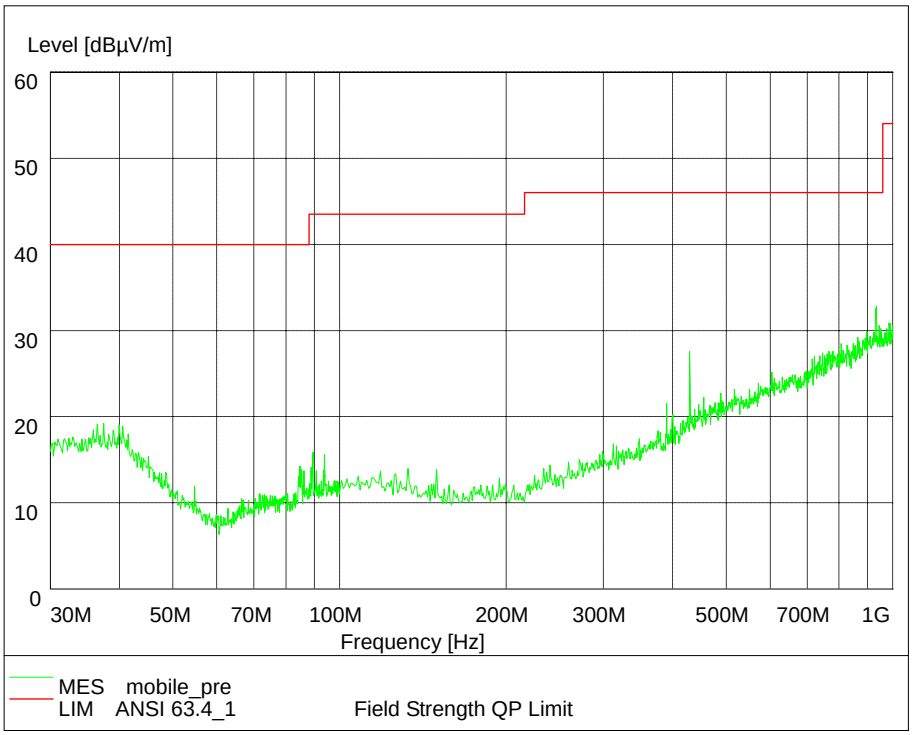
WCDMA BAND V (3GHz – 6GHz)



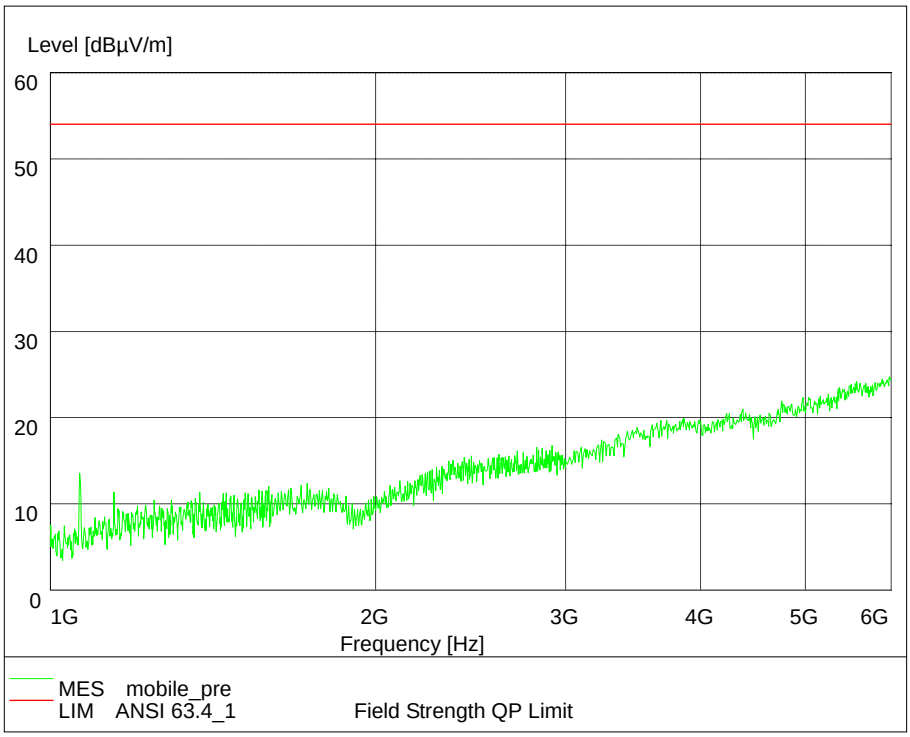
FM Radio (30MHz – 1GHz)



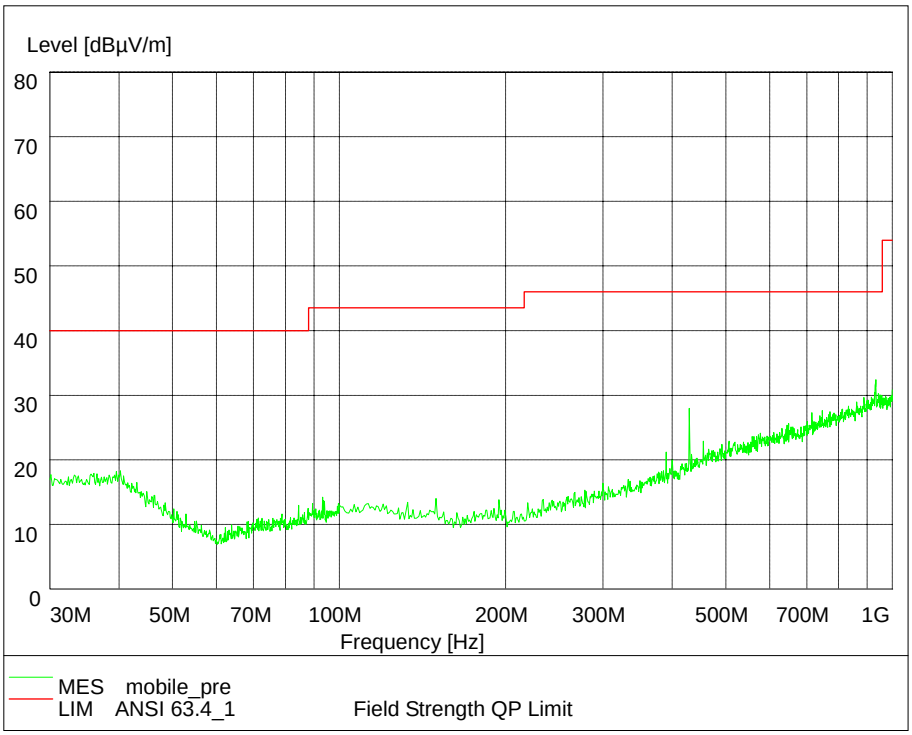
FM Radio (1GHz – 6GHz)



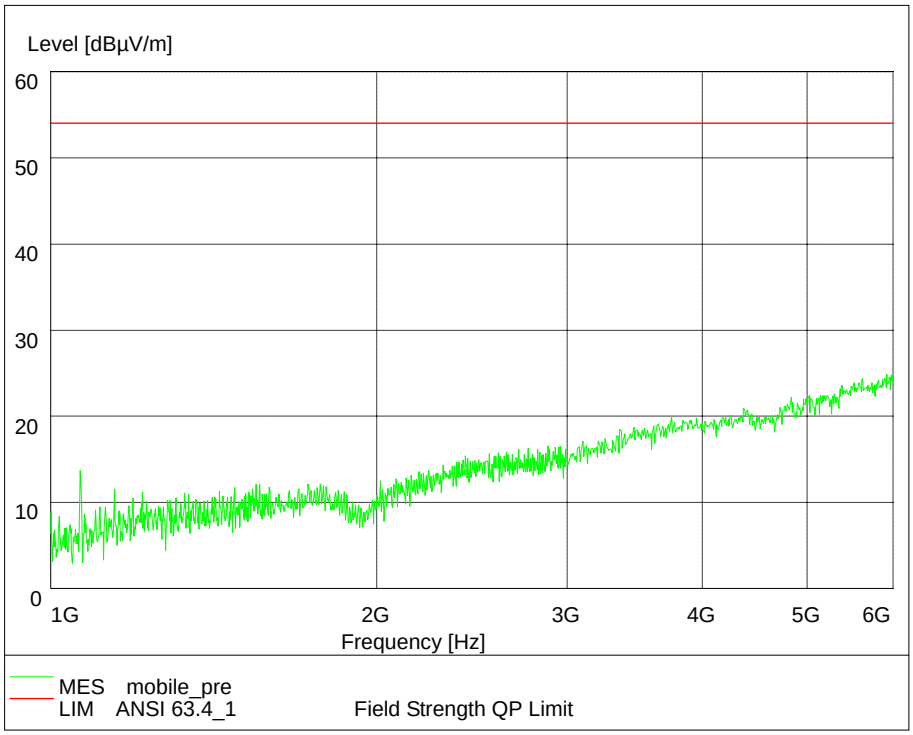
MP3/MP4 (30MHz – 1GHz)



MP3/MP4 (1GHz – 6GHz)



Camera (30MHz – 1GHz)



Camera (1GHz – 6GHz)

2.3. List of test equipments

No.	Name/Model	Manufacturer	S/N	Calibration Due Date
1	23.18m×16.88m×9.60m Semi-Anechoic Chamber	FRANKONIA	-----	19th Aug. 2011
2	ESI 40 EMI test receiver	R&S	100015	19th Aug. 2011
3	E5515C(8960) Mobile Station Tester	Agilent	GB44050904	19th Aug. 2011
4	9.080m×5.255m×3.525m Shielding room	FRANKONIA	-----	19th Aug. 2011
5	ESCS30 EMI test receiver	R&S	100029	19th Aug. 2011
6	HL562 Ultra log test antenna	R&S	100016	19th Aug. 2011
7	ESH3-Z2 Pulse limiter	R&S	10002	19th Aug. 2011
8	ESH3-Z5 Attenuator	R&S	100020	19th Aug. 2011
9	ESH2Z11 LISN	R&S	50FH-020-10	19th Aug. 2011
10	HF 906 Double-Ridged Waveguide Horn Antenna	R&S	100030	19th Aug. 2011
11	HF 906 Double-Ridged Waveguide Horn Antenna	R&S	100029	19th Aug. 2011
12	PS2000 Turn Table	FRANKONIA	-----	19th Aug. 2011
13	MA260 Antenna Master	FRANKONIA	-----	19th Aug. 2011
14	ES-K1EMI test software	R&S	-----	19th Aug. 2011
15	HL562 Receive antenna	R&S	100167	19th Aug. 2011

Appendix