

ANNEX A1: DIAGRAMS OF TESTING

No.: 2-0023-11-1-7a

According to:
FCC Regulations
 Part 15.107&15.111, Part 15.109 Class B
IC-Regulations
 RSS-132 Issue 2 & RSS-133 Issue 5
 RSS-Gen, Issue 3

for
 Research In Motion Limited
 smartphone REA71UW
 smartphone REB71UW

Laboratory Accreditation and Listings			
 Deutsche Akkreditierungsstelle D-PL-12047-01-01	 Reg. No.: 736496 MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2665, R-2666 C-2914, T-1967, G-301
 AUTHORIZED RF LABORATORY	 LAB CODE 20011130-00		
accredited according to DIN EN ISO/IEC 17025			
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Table of contents

1. DIAGRAMS	3
1.1. Diagrams of conducted AC-emission	3
1.2. Diagrams of radiated field strength emissions (<1 GHz).....	10
1.3. Diagrams of radiated field strength emissions (>1 GHz).....	17
1.4. Conducted emissions on antenna port in receive mode	33

1. Diagrams

1.1. Diagrams of conducted AC-emission

Diagram No. 1.1

Test Description:	Conducted Voltage Measurement Class B
Testspezifikation:	FCC 15.107 Class B
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	HLA
Report.- Nr.	2-0023-11-7a

01_Class B_Voltage_PK_QPAV_N_L1

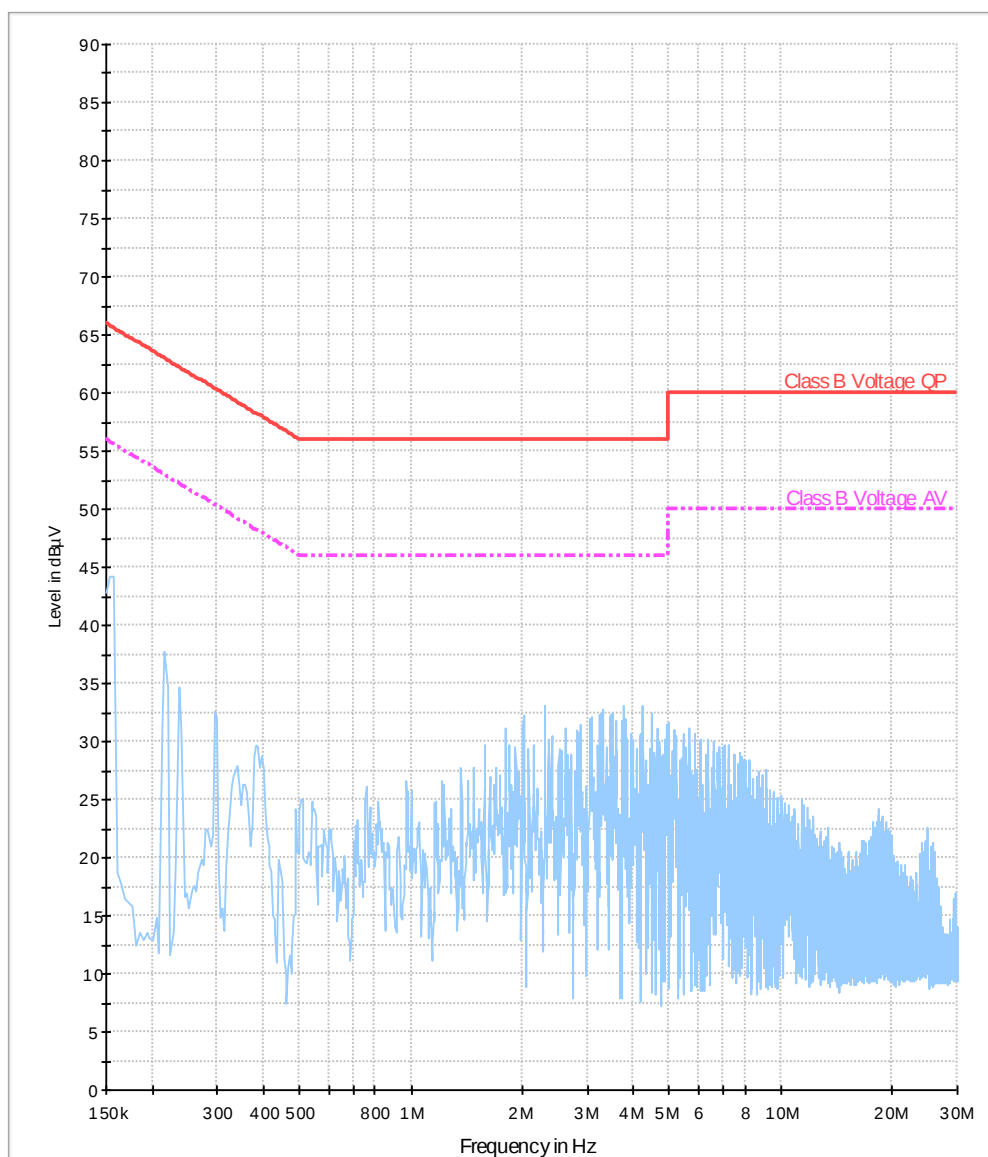


Diagram No. 1.2

Test Description:	Conducted Voltage Measurement Class B
Test specification:	FCC 15.107 Class B
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	HLA
Report - Nr.	2-0023-11-1-7a

01_Class B_Voltage_PK_QPAV_N_L1

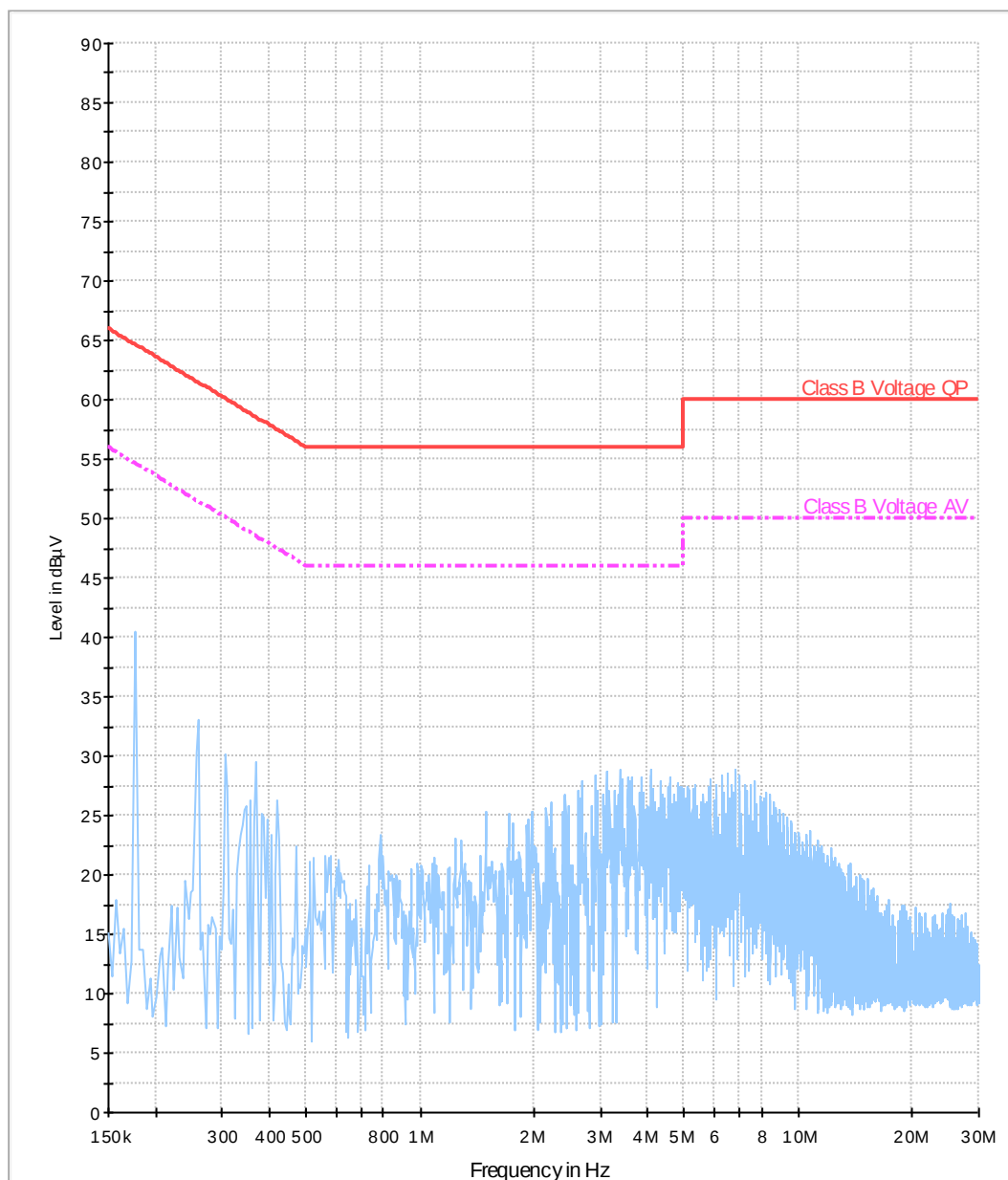


Diagram No. 1.3

Test Description:	Conducted Voltage Measurement Class B
Test specification:	FCC 15.107 Class B
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	HLA
Report - Nr.	2-0023-11-1-7a

01_Class B_Voltage_PK_QPAV_N_L1

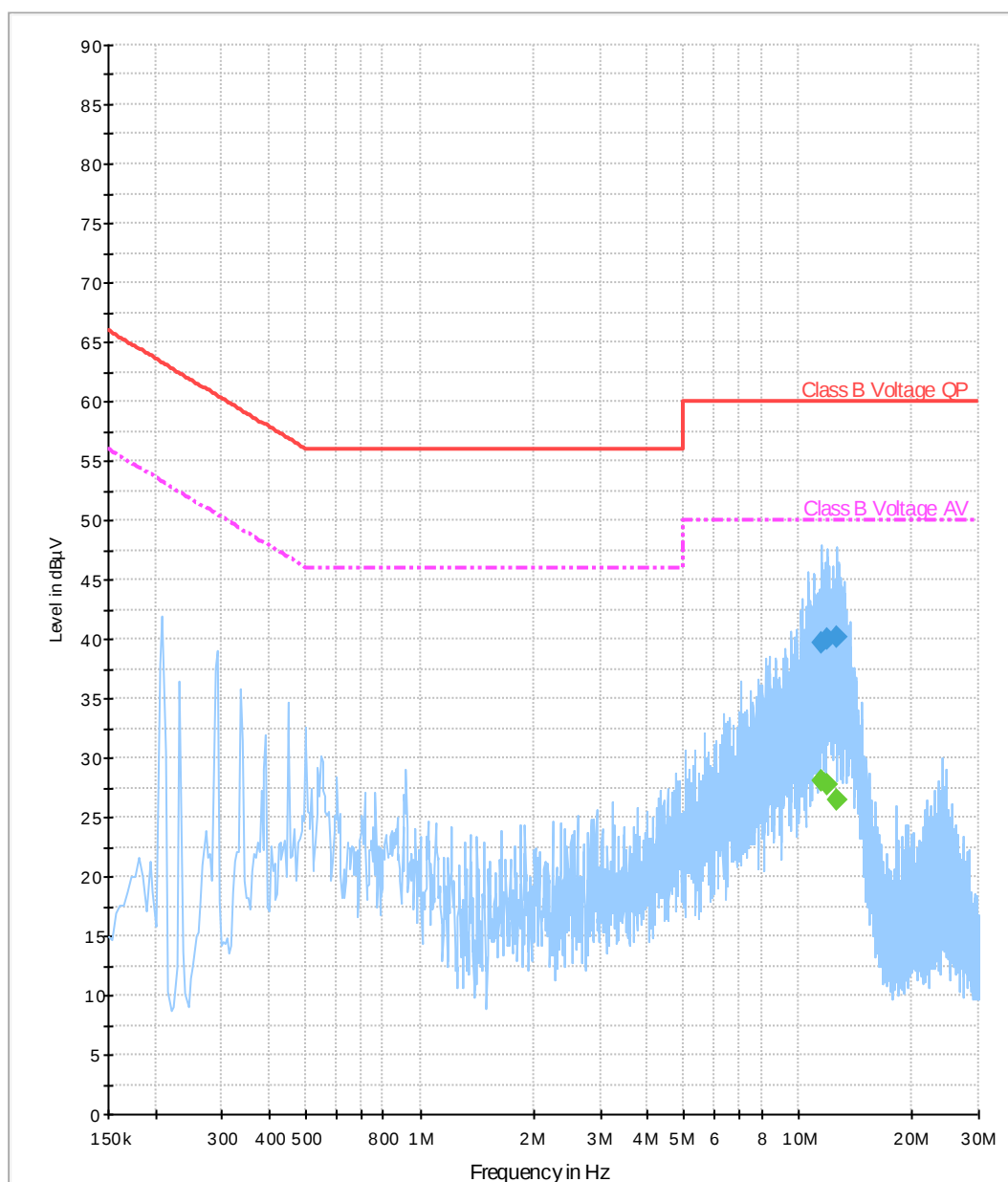


Diagram No. 1.4

Test Description:	Conducted Voltage Measurement Class B
Test specification:	FCC 15.107 Class B
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	HLA
Report - Nr.	2-0023-11-1-7a

01_Class B_Voltage_PK_QPAV_N_L1

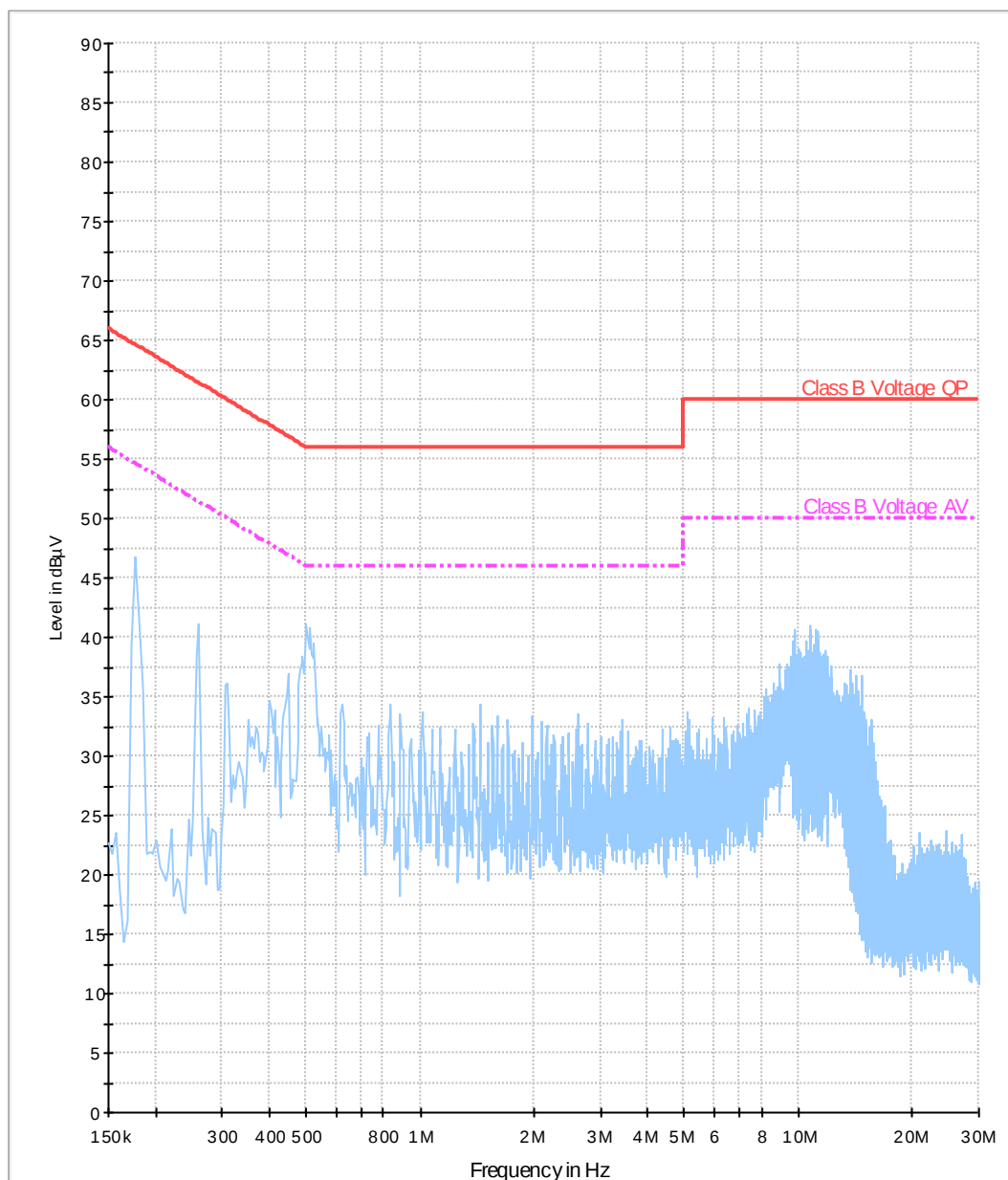


Diagram No. 1.5

Test Description:	Conducted Voltage Measurement Class B
Test specification:	FCC 15.107 Class B
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	HLA
Report - Nr.	2-0023-11-1-7a

01_Class B_Voltage_PK_QPAV_N_L1

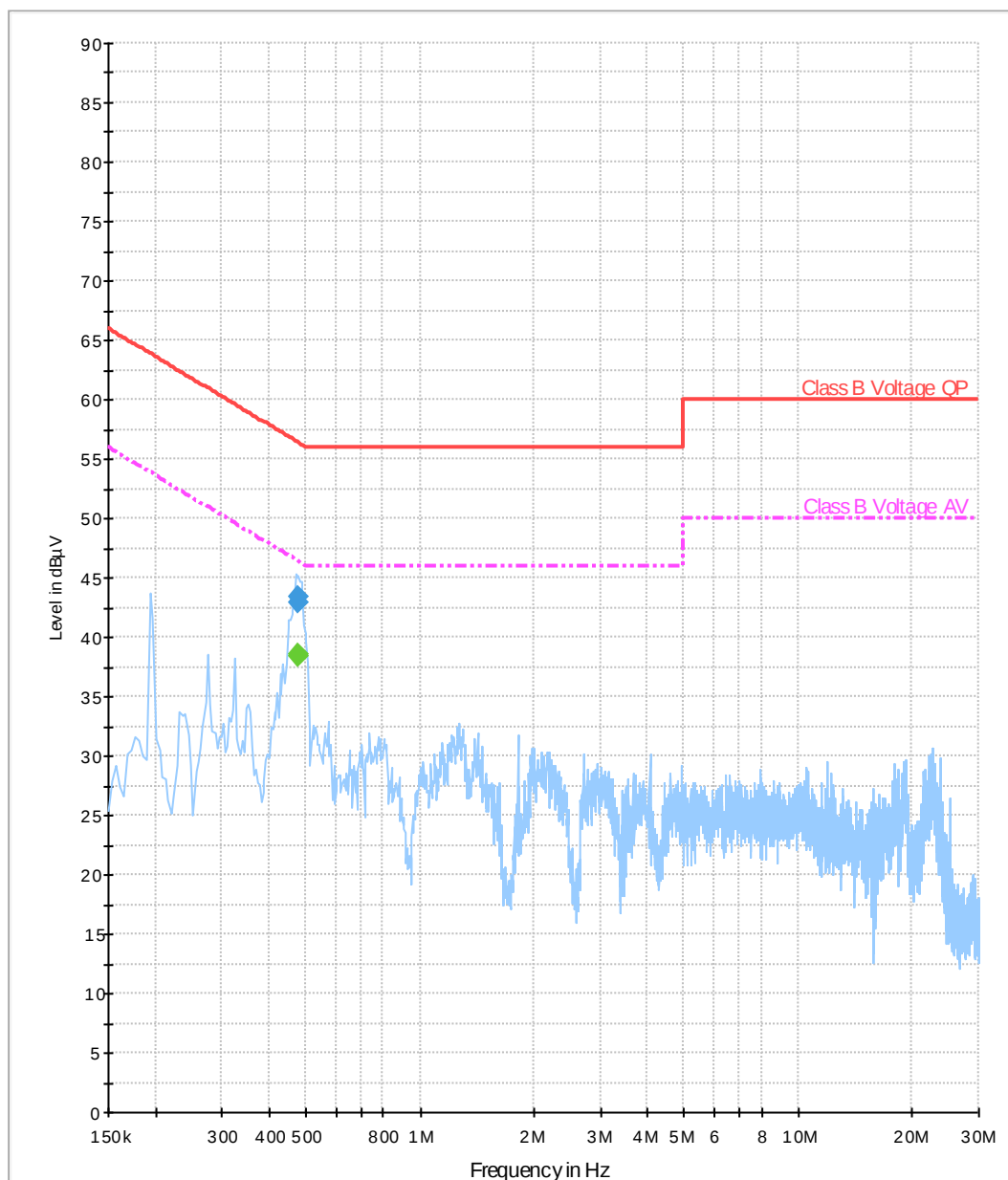
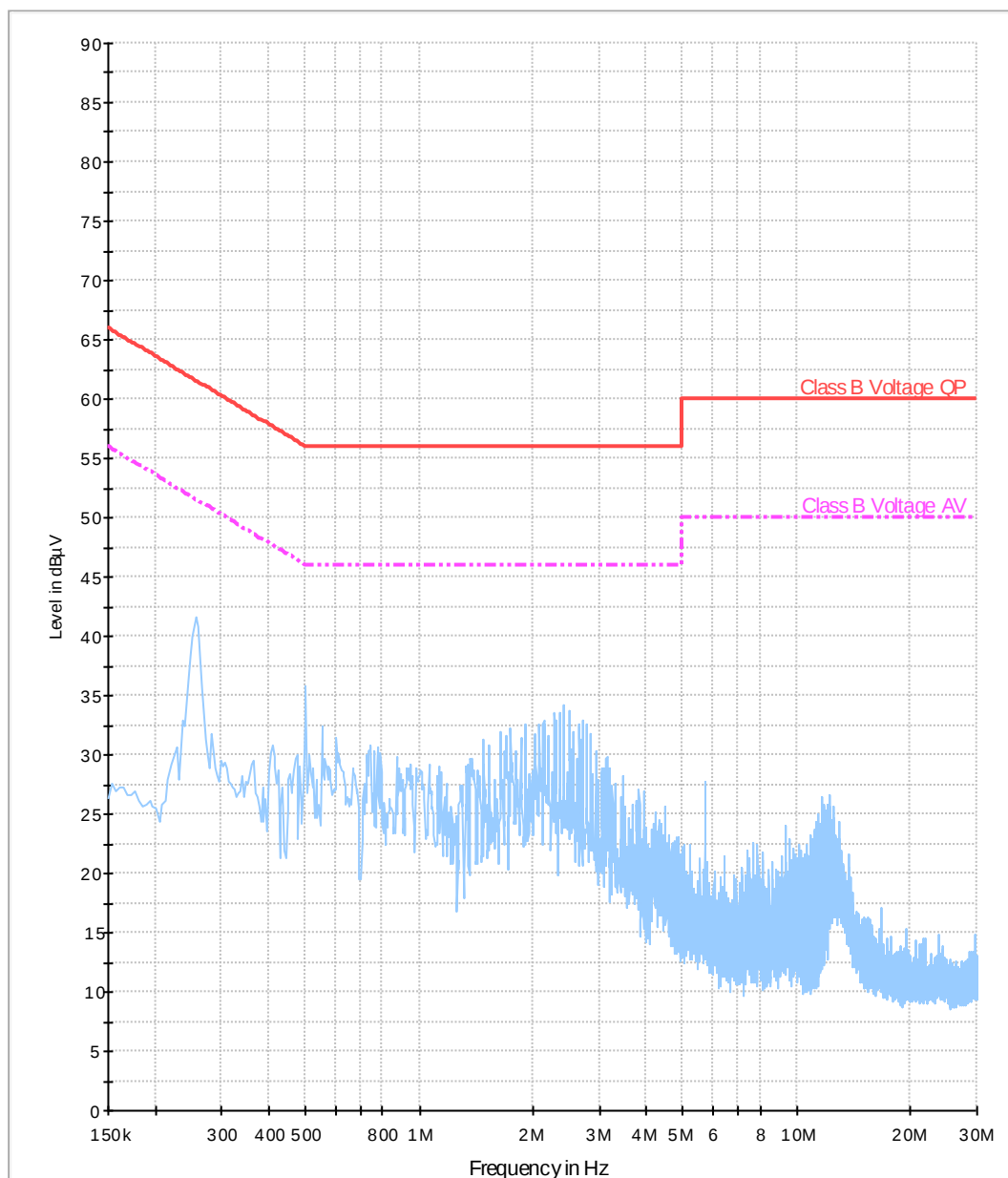


Diagram No. 1.6

Test Description:	Conducted Voltage Measurement Class B
Test specification:	FCC 15.107 Class B
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	HLA
Report - Nr.	2-0023-11-1-7a

01_Class B_Voltage_PK_QPAV_N_L1



Technical Data of Measurements with R&S EMC32 V8.51.1

EMI Auto Test Template: 01_Class B_Voltage_PK_QPAV_N_L1

Hardware Setup: ESH2-Z5
 Measurement Type: 4 Line LISN
 Frequency Range: 150 kHz - 30 MHz
 Graphics Level Range: 0 dB μ V - 90 dB μ V

Preview Measurements:
 Scan Test Template: 02_Class B pre_PK_fast

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	61.035 Hz	PK+	200 Hz	0,00005 s	0 dB
150 kHz - 30 MHz	3.906 kHz	PK+	9 kHz	0,00005 s	0 dB

Receiver: [ESCS 30]

Data Reduction:
 Limit Line #1: Class B Voltage QP
 Limit Line #2: Class B Voltage AV
 Peak Search: 6 dB , Maximum Results: 10
 Subrange Maxima: 50 Subranges , Maxima per Subrange: 2
 Acceptance Offset: -13 dB
 Maximum Number of Results: 30
 After Data Reduction: Interactive data reduction

Frequency Zoom:
 Zoom Scan Template: 08_Class B maxZoom_PK100mS

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	5 kHz	PK+	200 Hz	0,1 s	0 dB
150 kHz - 30 MHz	5 kHz	PK+	9 kHz	0,1 s	0 dB

Receiver: [ESCS 30]

Final Measurements:
 Template for Single Meas.: 07_Class B fin AV QP

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	4.5 kHz	QPK; CAV	200 Hz	15 s	0 dB
150 kHz - 30 MHz	4.5 kHz	QPK; CAV	9 kHz	15 s	0 dB

Receiver: [ESCS 30]

Report Settings:
 Report Template: Ctc_Standard_class_B
 Create Electronic Report: RTF PDF
 Document Name: EMI Report

1.2. Diagrams of radiated field strength emissions (<1 GHz)

Diagram No. 2.01

Common Information

Test description: Electric Fieldstrength Measurement related to 3 m distance
 Test site and distance: Semi Anechoic Room (SAR) with 3 m measurement distance
 Measured sides of EUT: front, right, rear, left, top, under side
 Rec. antenna (pre-scan): height 1.00 m and 1.82 m, horizontal and vertical polarisation
 Rec. antenna (final): height between 1 m to 4 m, polarisation according to pre-scan results
 Turntable step: 90° during pre-scan, continuously turning during final measurement
 Used filter: lowpass 1200 MHz
 Test specification.: FCC 15.109 Class B; RSS-Gen: Issue 3

Operator:

Mtu

05_FCC15.109_hor+vert_kipp

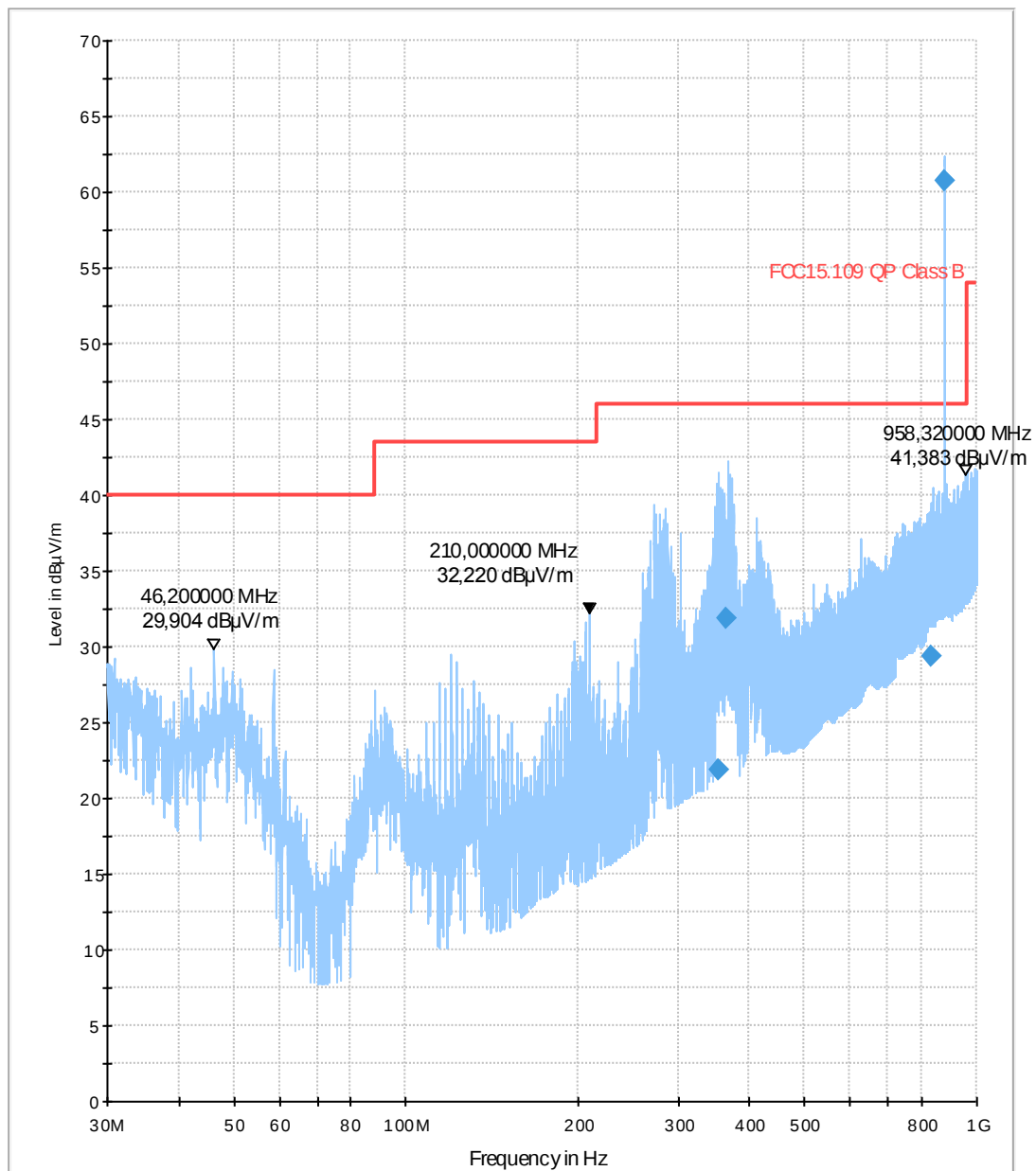


Diagram No. 2.02

Common Information

Test description:

Test site and distance:

Measured sides of EUT:

Rec. antenna (pre-scan):

Rec. antenna (final):

Turntable step:

Used filter:

Test specification:

Electric Fieldstrength Measurement related to 3 m distance

Semi Anechoic Room (SAR) with 3 m measurement distance

front, right, rear, left,top,under side

height 1.00 m and 1.82 m, horizontal and vertical polarisation

height between 1 m to 4 m, polarisation according to pre-scan results

90° during pre-scan, continuously turning during final measurement

lowpass 1200 MHz

FCC 15.109 Class B; RSS-Gen: Issue 3

05_FCC15.109_hor+vert_kipp

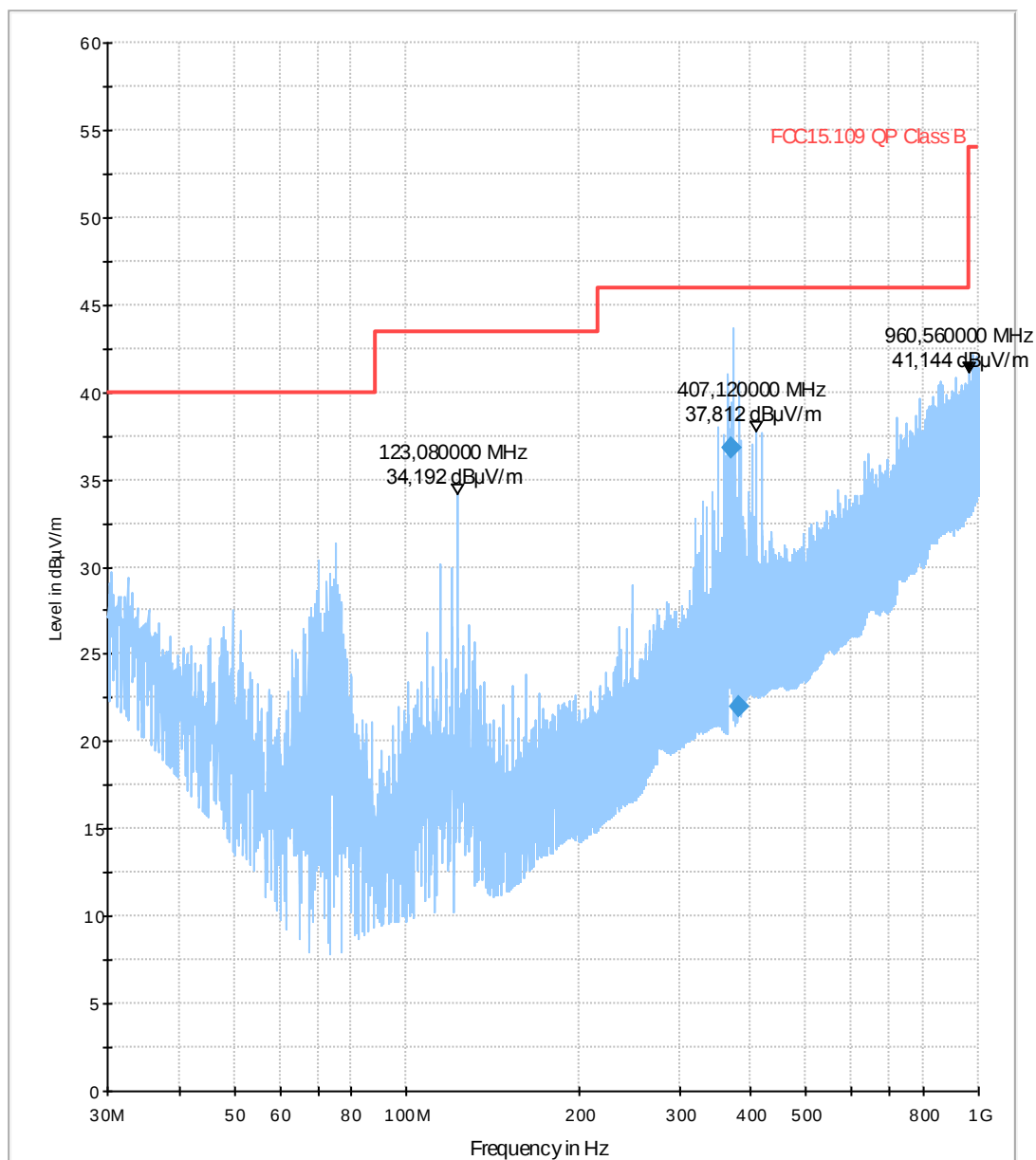


Diagram No. 2.03

Common Information

Test description:

Test site and distance:

Measured sides of EUT:

Rec. antenna (pre-scan):

Rec. antenna (final):

Turntable step:

Used filter:

Test specification.:

Electric Fieldstrength Measurement related to 3 m distance

Semi Anechoic Room (SAR) with 3 m measurement distance

front, right, rear, left, top, under side

height 1.00 m and 1.82 m, horizontal and vertical polarisation

height between 1 m to 4 m, polarisation according to pre-scan results

90° during pre-scan, continuously turning during final measurement

lowpass 1200 MHz

FCC 15.109 Class B; RSS-Gen: Issue 3

05_FCC15.109_hor+vert_kipp

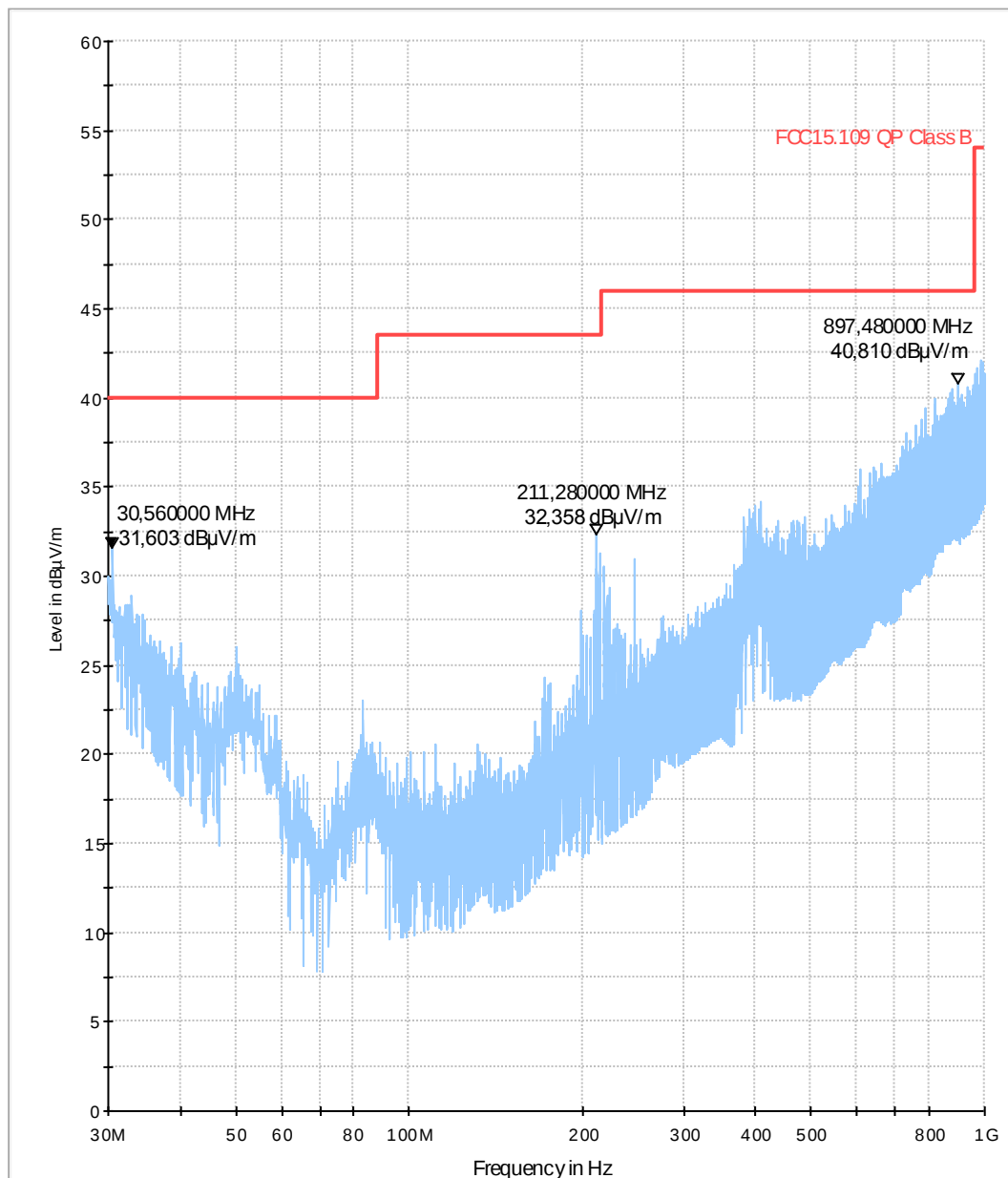


Diagram No. 2.04

Common Information

Test description:

Test site and distance:

Measured sides of EUT:

Rec. antenna (pre-scan):

Rec. antenna (final):

Turntable step:

Used filter:

Test specification.:

Electric Fieldstrength Measurement related to 3 m distance

Semi Anechoic Room (SAR) with 3 m measurement distance

front, right, rear, left, top, under side

height 1.00 m and 1.82 m, horizontal and vertical polarisation

height between 1 m to 4 m, polarisation according to pre-scan results

90° during pre-scan, continuously turning during final measurement

lowpass 1200 MHz

FCC 15.109 Class B; RSS-Gen: Issue 3

05_FCC15.109_hor+vert_kipp

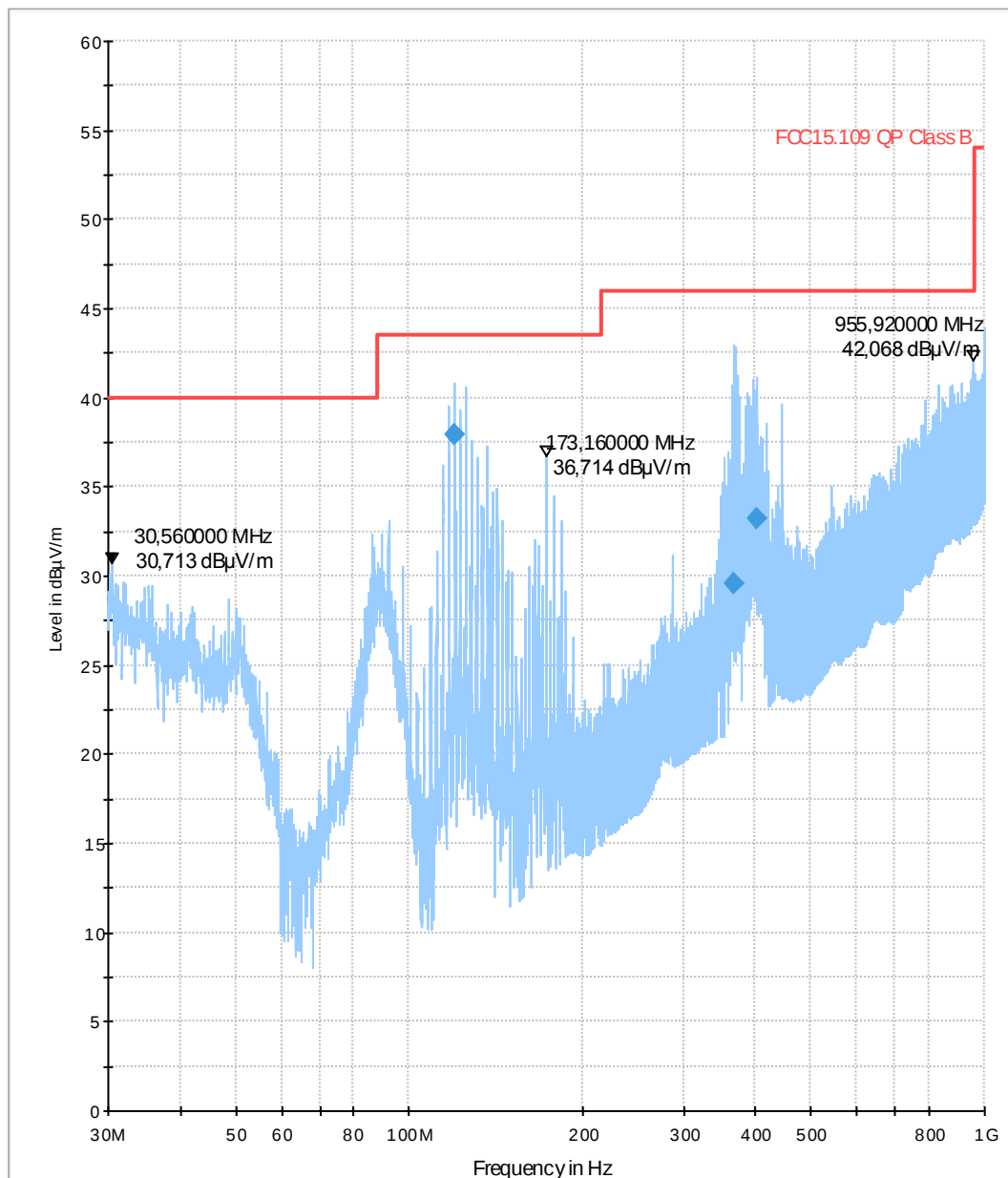


Diagram No. 2.05

Common Information

Test description:

Test site and distance:

Measured sides of EUT:

Rec. antenna (pre-scan):

Rec. antenna (final):

Turntable step:

Used filter:

Test specification:

Electric Fieldstrength Measurement related to 3 m distance

Semi Anechoic Room (SAR) with 3 m measurement distance

front, right, rear, left, top, under side

height 1.00 m and 1.82 m, horizontal and vertical polarisation

height between 1 m to 4 m, polarisation according to pre-scan results

90° during pre-scan, continuously turning during final measurement

lowpass 1200 MHz

FCC 15.109 Class B; RSS-Gen: Issue 3

05_FCC15.109_hor+vert_kipp

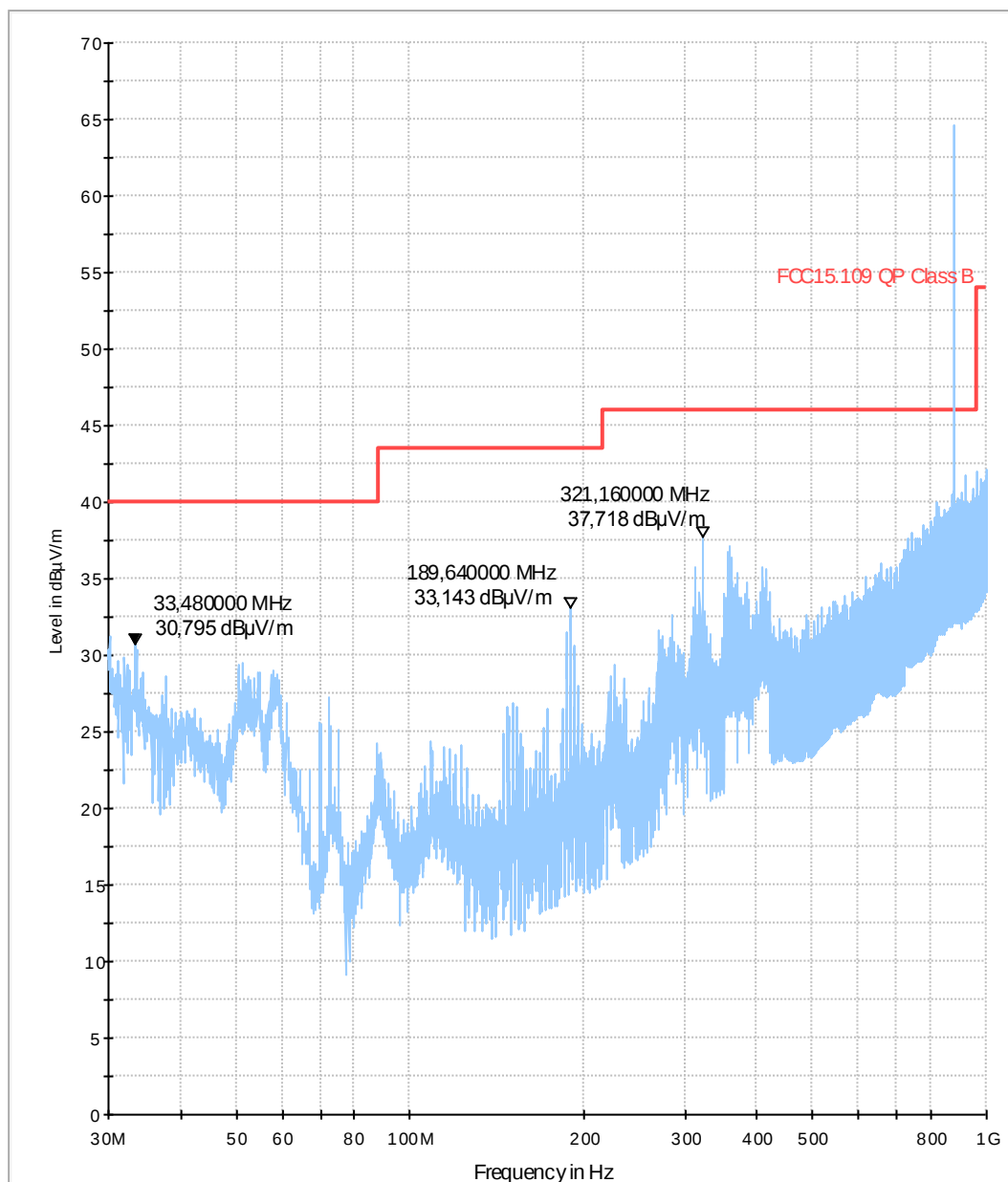


Diagram No. 2.06

Common Information

Test description:

Test site and distance:

Measured sides of EUT:

Rec. antenna (pre-scan):

Rec. antenna (final):

Turntable step:

Used filter:

Test specification.:

Electric Fieldstrength Measurement related to 3 m distance

Semi Anechoic Room (SAR) with 3 m measurement distance

front, right, rear, left,top,under side

height 1.00 m and 1.82 m, horizontal and vertical polarisation

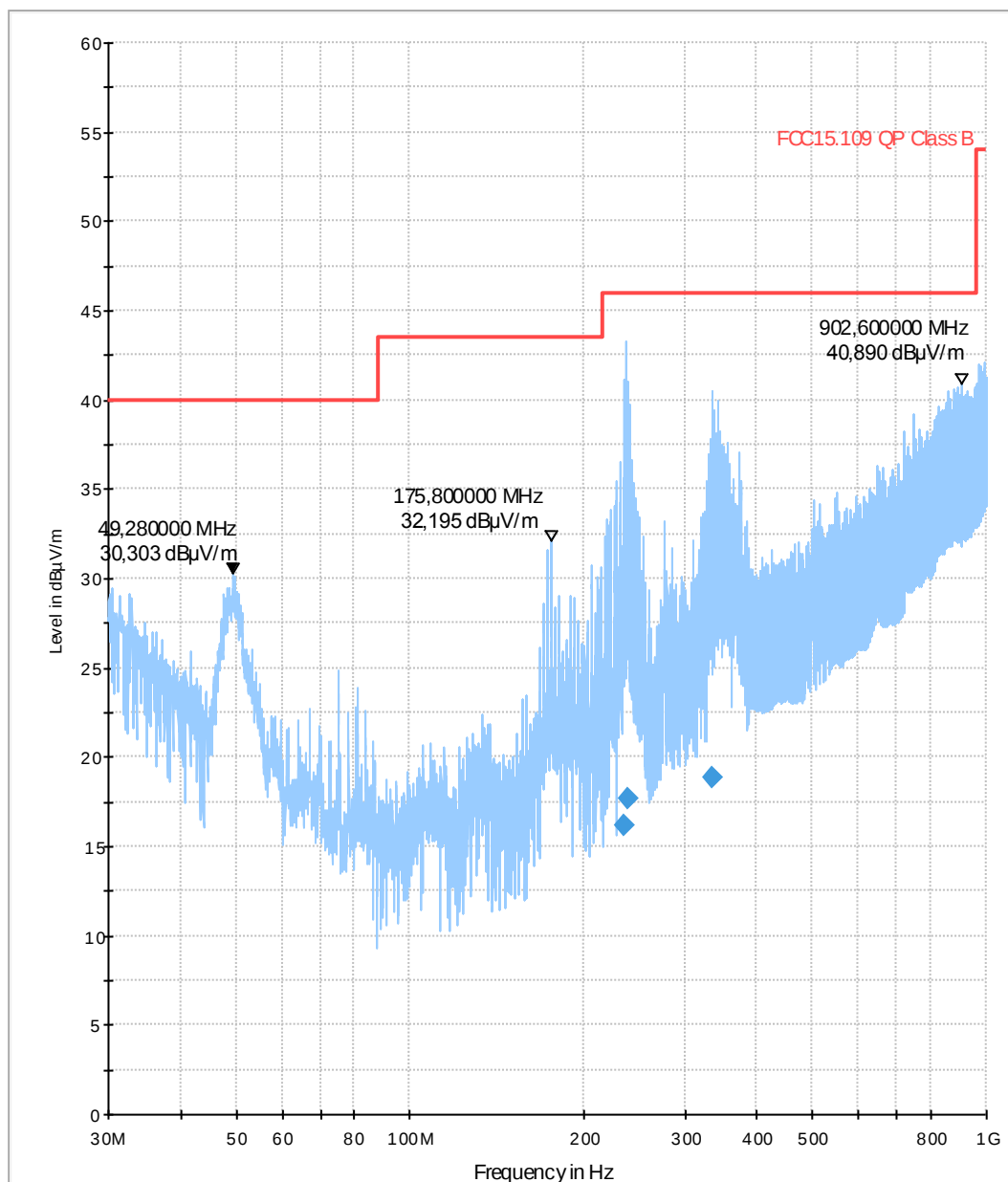
height between 1 m to 4 m, polarisation according to pre-scan results

90° during pre-scan, continuously turning during final measurement

lowpass 1200 MHz

FCC 15.109 Class B; RSS-Gen: Issue 3

05_FCC15.109_hor+vert_kipp



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
235.100000	16.1	1000.0	120.000	100.0	H	218.0	0.0	12.9	29.9	46.0
238.000000	17.7	1000.0	120.000	119.0	H	141.0	90.0	13.0	28.3	46.0
335.280000	18.8	1000.0	120.000	305.0	H	153.0	90.0	16.2	27.2	46.0

(continuation of the "Final Result 1" table from column 11 ...)

Frequency (MHz)	Comment
235.100000	
238.000000	
335.280000	

EMI Auto Test Template: 05_FCC15.109_hor+vert_kipp

Hardware Setup: HW11_FCC_ESCS30_TP1200_EUTkipp
 Measurement Type: E(I)RP
 Frequency Range: 30 MHz - 1 GHz
 Graphics Level Range: 0 dBμV/m - 60 dBμV/m

Preview Measurements:

Turntable position: 0 - 270 deg , Step Size = 90 deg , Positioning Speed = 8
 Elevation: 0 - 90 deg , Step Size = 90 deg , Positioning Speed = 4
 Polarization: H + V
 Scan Test Template: EMI Scan 01_fast_FCC_15_209 B

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 1 GHz	40 kHz	PK+	120 kHz	0,00005 s	0 dB

Receiver: [ESS]

Data Reduction:

Limit Line #1: FCC15.109 QP Class B
 Peak Search: 6 dB , Maximum Results: 10
 Subrange Maxima: 25 Subranges , Maxima per Subrange: 1
 Acceptance Offset: -6 dB
 Maximum Number of Results: 20
 After Data Reduction: Interactive data reduction

Frequency Zoom:

Zoom Scan Template: EMI Scan 02_20ms_zoom_15_209 B

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 1 GHz	10 kHz	PK+	120 kHz	0,02 s	0 dB

Receiver: [ESS]

Adjustment:

Turntable position: Adjustment with full Range , Measuring Speed = 3
 Elevation: Adjustment with full Range , Measuring Speed = 5
 Template for Single Meas.: EMI Scan 02_20ms_FCC_15_209B

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 1 GHz	100 kHz	PK+	120 kHz	0,02 s	0 dB

Receiver: [ESS]

Final Measurements:

Template for Single Meas.: EMI Scan 03_1s_FCC_15_209 B

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 1 GHz	100 kHz	QPK	120 kHz	1 s	0 dB

Receiver: [ESS]

Report Settings:

Report Template: FCC15_209_vert_hor
 Create Electronic Report: RTF PDF
 Document Name: EMI Report

1.3. Diagrams of radiated field strength emissions (>1 GHz)

Diagram No. 2.07

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM850
Operator Name:	YZH
Comment:	Uplink channel middle: Downlink channel middle:

Sweep1_SM1_K1

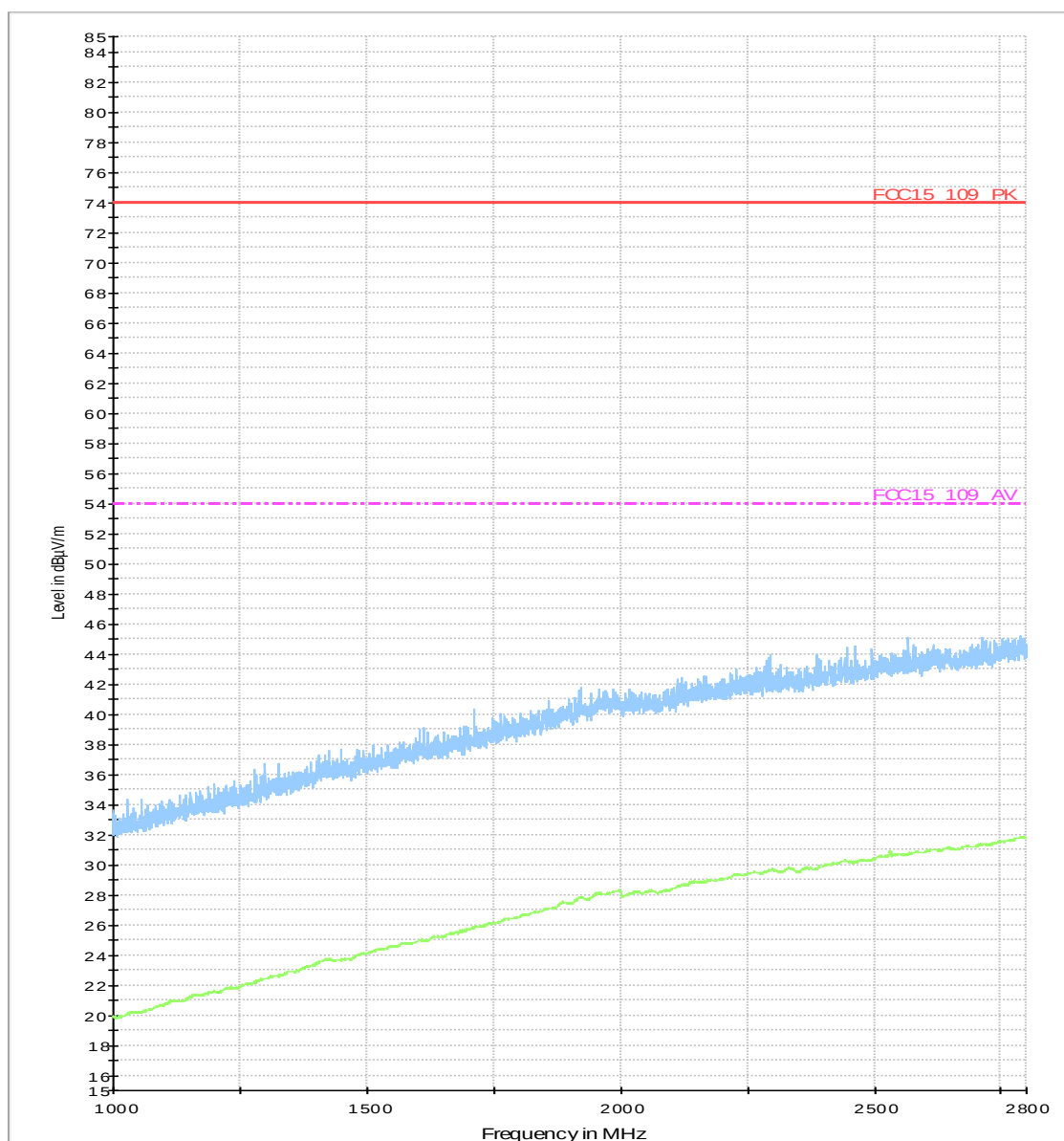


Diagram No. 2.08

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM850
Operator Name:	YZH
Comment:	Uplink channel middle: Downlink channel middle:

Sweep2_SM1_K1

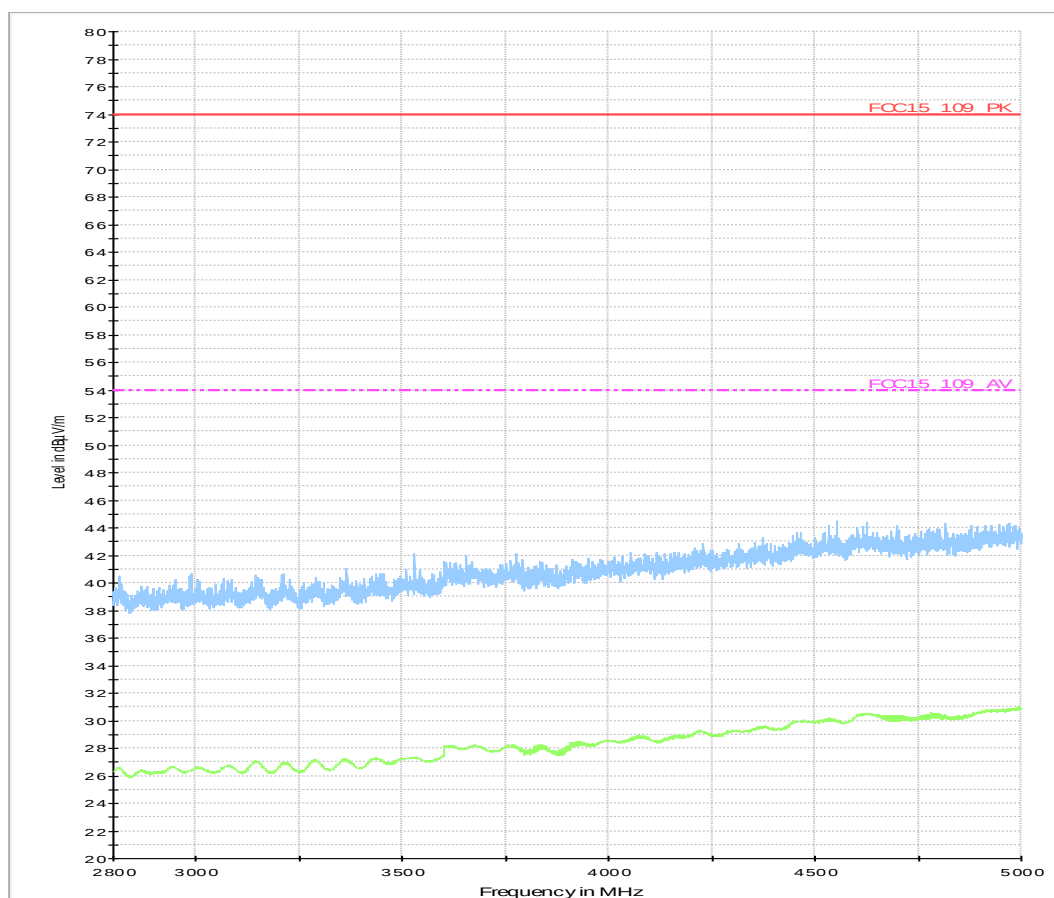
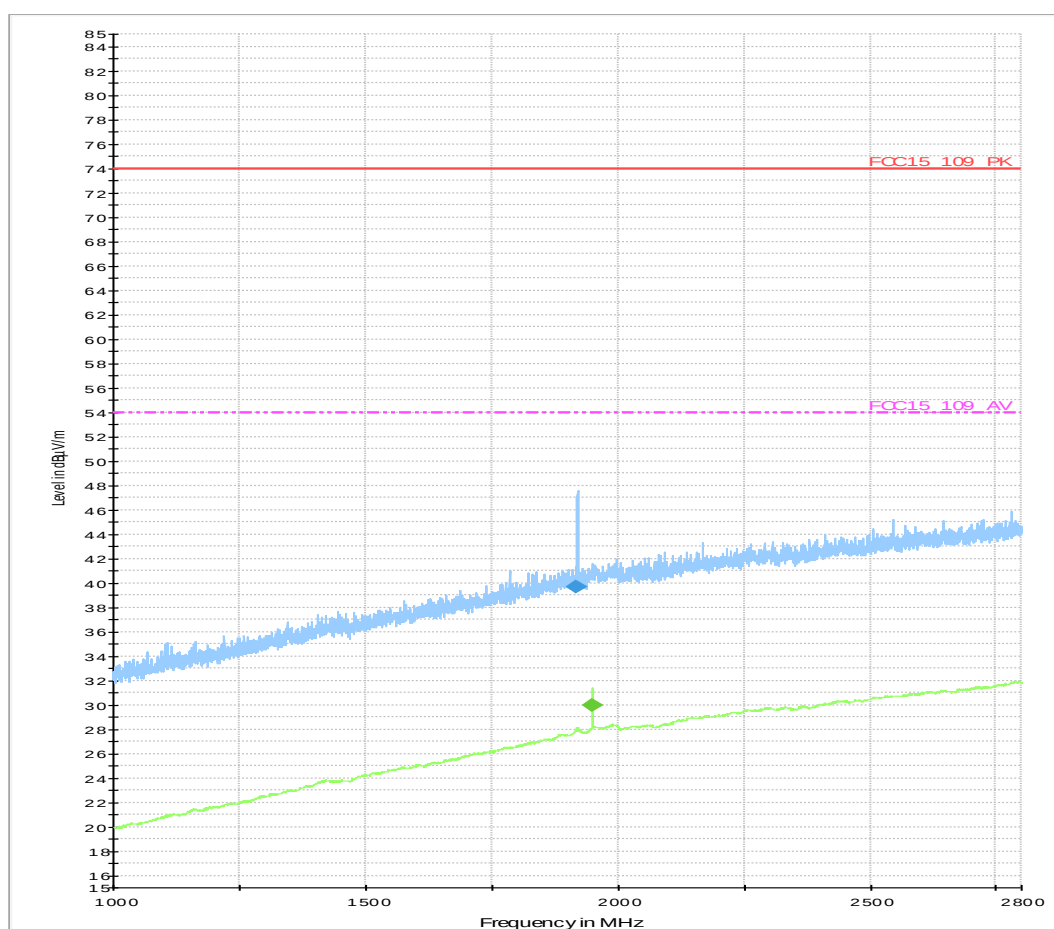


Diagram No. 2.09

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM1900
Operator Name:	
Comment:	Uplink channel middle: Downlink channel middle:

Sweep1_SM1_K1



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
1918.600000	39.7	100.0	1000.000	155.0	H	97.0	0.0	6.5	34.3

(continuation of the "Final Result 1" table from column 10 ...)

Frequency (MHz)	Limit (dBμV/m)	Comment
1918.600000	74.0	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
1949.000000	29.9	100.0	1000.000	155.0	V	208.0	90.0	6.8	24.1

(continuation of the "Final Result 2" table from column 10 ...)

Frequency (MHz)	Limit (dBμV/m)	Comment
1949.000000	54.0	

Diagram No. 2.10

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM1900
Operator Name:	YZH
Comment:	Uplink channel middle: Downlink channel middle:

Sweep2_SM1_K1

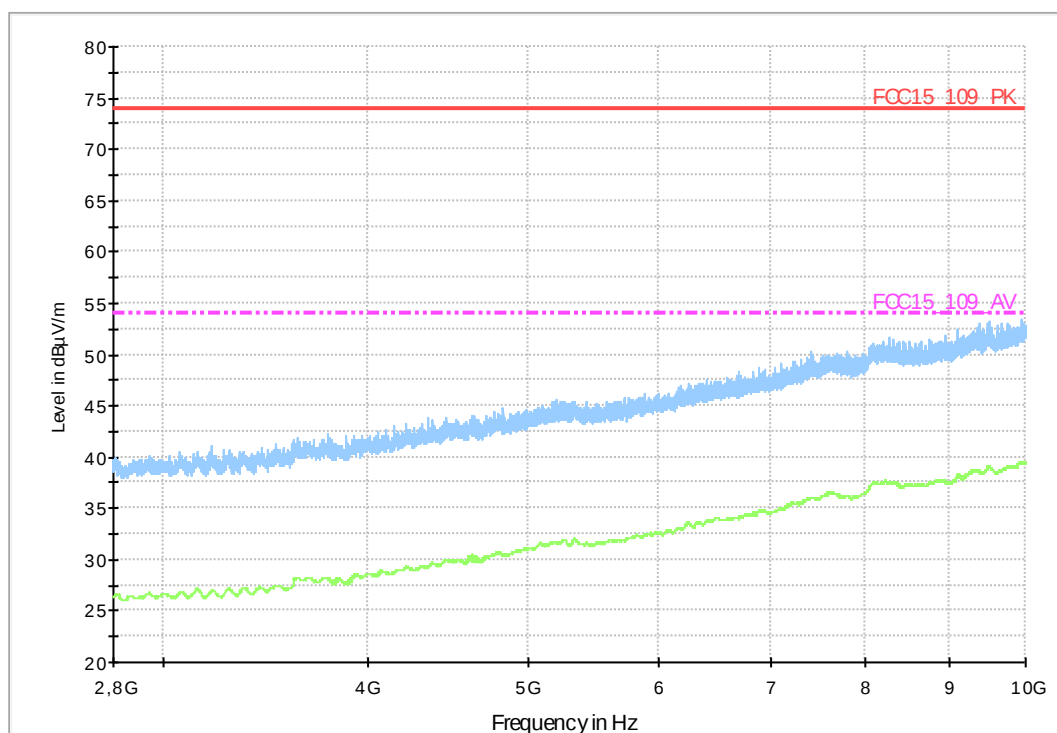


Diagram No. 2.11

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	FDD Band 2 IDLE Mode
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep1_SM1_K1

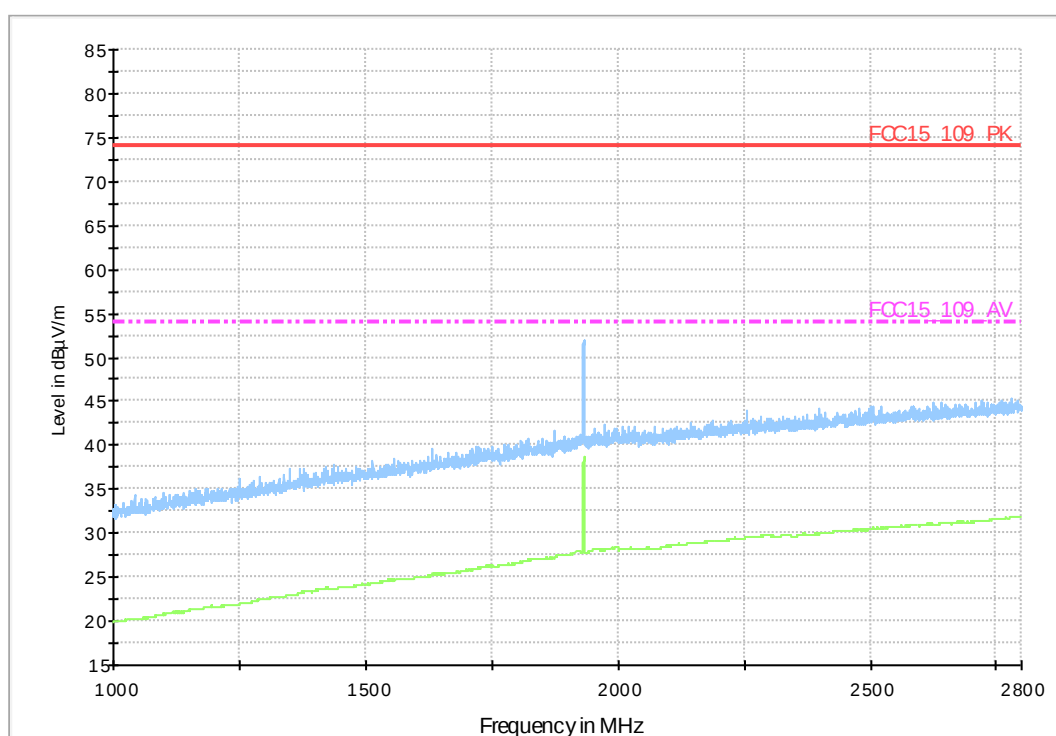


Diagram No. 2.12

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	FDD Band 2 IDLE Mode
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep2_SM1_K1

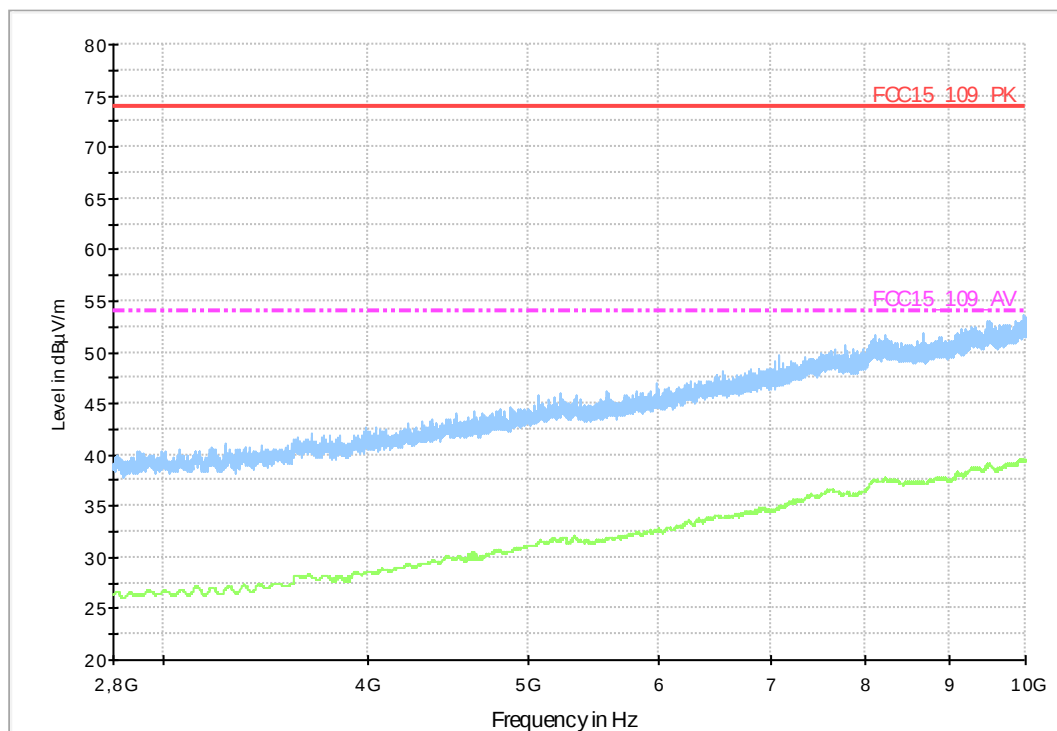
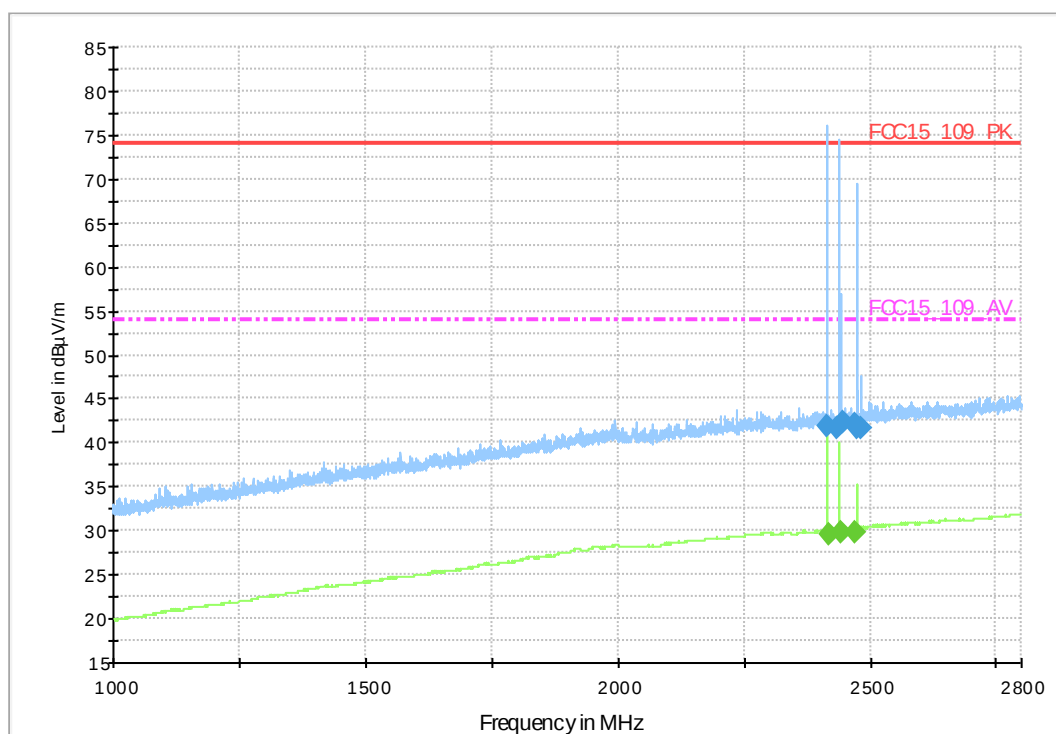


Diagram No. 2.13

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	FDD Band 5 IDLE Mode
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep1_SM1_K1



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
2413.000000	41.9	100.0	1000.000	155.0	H	300.0	0.0	9.2	32.1
2435.800000	41.6	100.0	1000.000	155.0	V	-41.0	90.0	9.4	32.4
2444.600000	42.4	100.0	1000.000	155.0	V	292.0	0.0	9.4	31.6
2471.800000	42.0	100.0	1000.000	155.0	H	225.0	0.0	9.6	32.0
2473.000000	41.8	100.0	1000.000	155.0	V	120.0	0.0	9.6	32.2
2480.600000	41.7	100.0	1000.000	155.0	H	-8.0	90.0	9.6	32.3

(continuation of the "Final Result 1" table from column 10 ...)

Frequency (MHz)	Limit (dBμV/m)	Comment
2413.000000	74.0	
2435.800000	74.0	
2444.600000	74.0	
2471.800000	74.0	
2473.000000	74.0	
2480.600000	74.0	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
2417.400000	29.6	100.0	1000.000	155.0	H	304.0	0.0	9.2	24.4
2442.600000	29.9	100.0	1000.000	155.0	V	40.0	90.0	9.4	24.1
2471.400000	29.9	100.0	1000.000	155.0	V	154.0	0.0	9.6	24.1

(continuation of the "Final Result 2" table from column 10 ...)

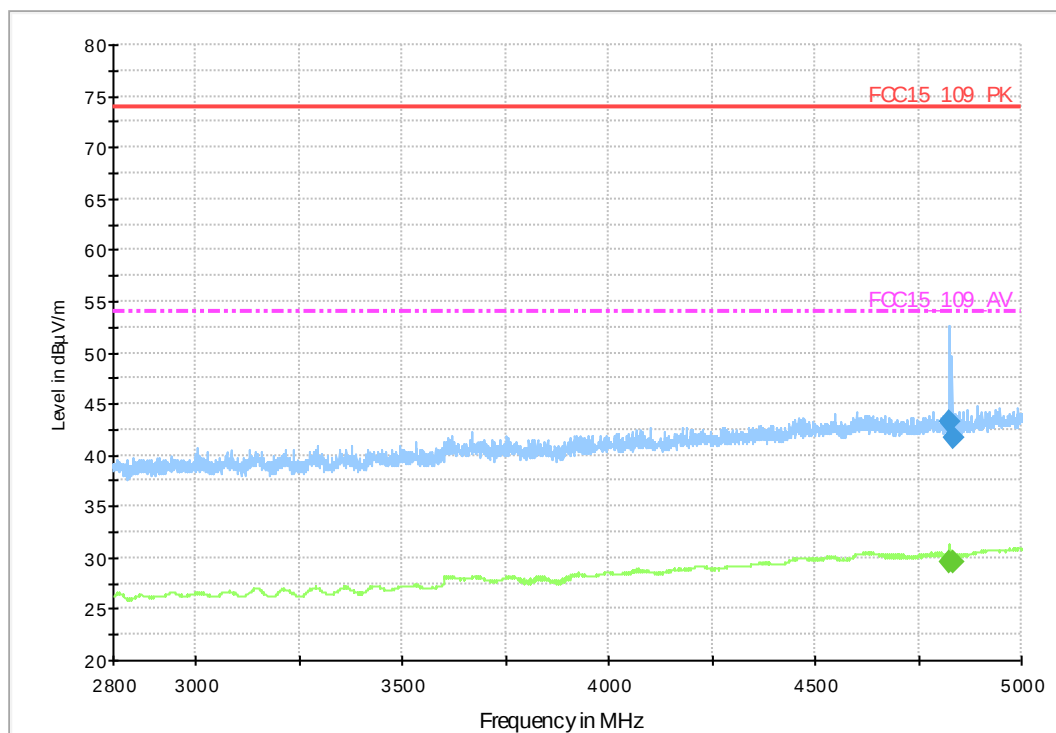
Frequency (MHz)	Limit (dBμV/m)	Comment
2417.400000	54.0	
2442.600000	54.0	
2471.400000	54.0	

Diagram No. 2.14

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	FDD Band 5 IDLE Mode
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep2_SM1_K1



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)
4826.300000	43.2	100.0	1000.000	155.0	V	270.0	90.0	2.7	30.8
4834.300000	41.8	100.0	1000.000	155.0	V	55.0	90.0	2.8	32.2

(continuation of the "Final Result 1" table from column 10 ...)

Frequency (MHz)	Limit (dBμV/m)	Comment
4826.300000	74.0	
4834.300000	74.0	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)
4825.100000	29.6	100.0	1000.000	155.0	V	228.0	90.0	2.7	24.4
4834.500000	29.5	100.0	1000.000	155.0	V	30.0	90.0	2.8	24.5

(continuation of the "Final Result 2" table from column 10 ...)

Frequency (MHz)	Limit (dBμV/m)	Comment
4825.100000	54.0	
4834.500000	54.0	

Diagram No. 2.15

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM850
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep1_SM1_K1

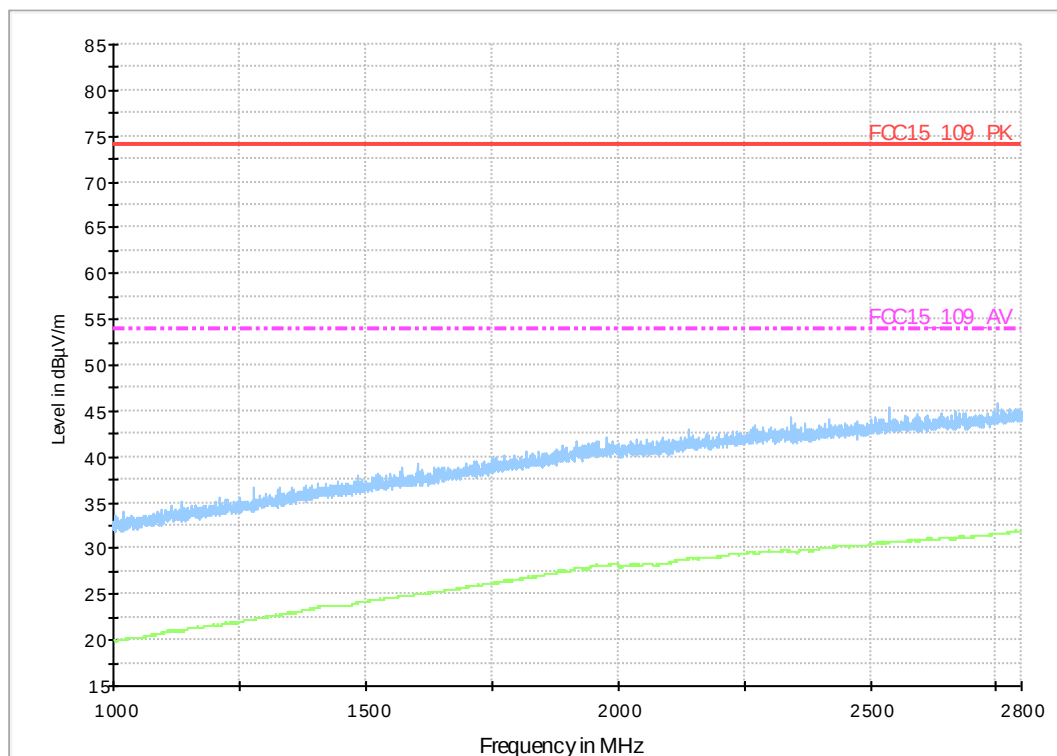


Diagram No. 2.16

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM850
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep2_SM1_K1

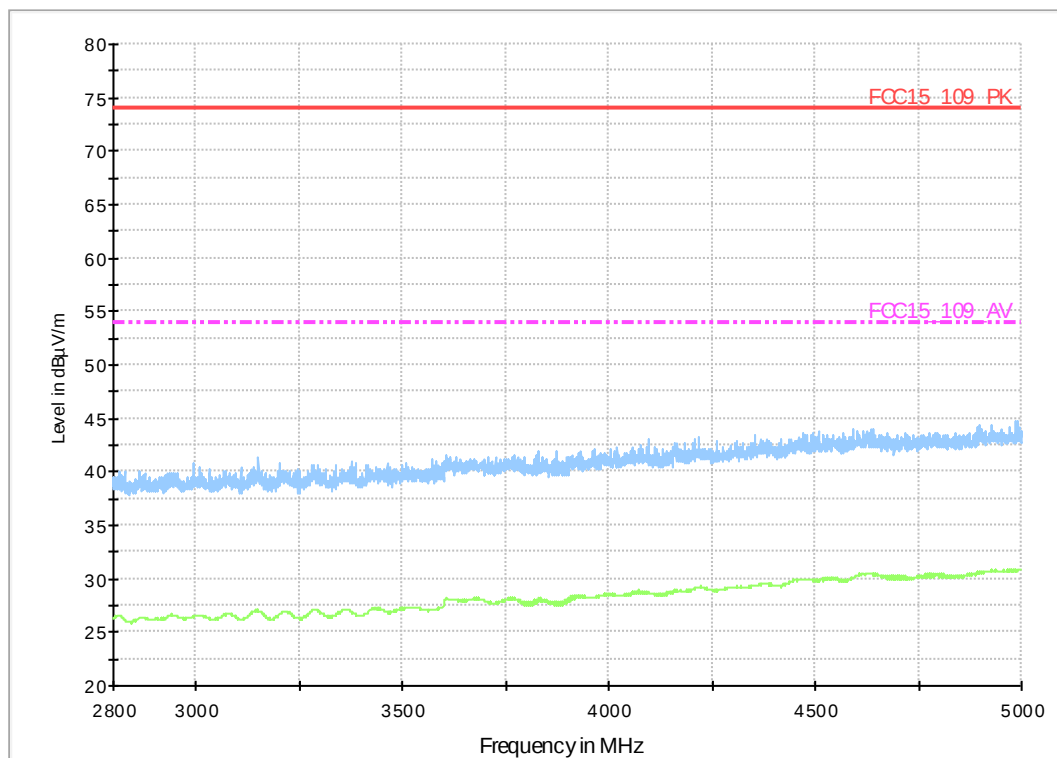


Diagram No. 2.17

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM1900
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

EUT Information

Manufacturer:	Research in Motion
Model:	Blackberry Curve
Type:	GSM/WCDMA Mobile Phone (Stick)

EUT:	REA71UW; Rev2
EUT additional information:	-
HW version:	CPR 18127 R032
SW version:	ASY-39829-001
Additional SW:	-
Config:	-
Serial number:	004401138459470
Connected Interfaces:	HS2 (HDW-24529-001 Hoisden) + CH5 (HDW-44303-001) + USB2 (HDW-28109-001)
Power Supply:	AC Charger connected to 110 V / 60Hz
Comments:	

Sweep1_SM1_K1

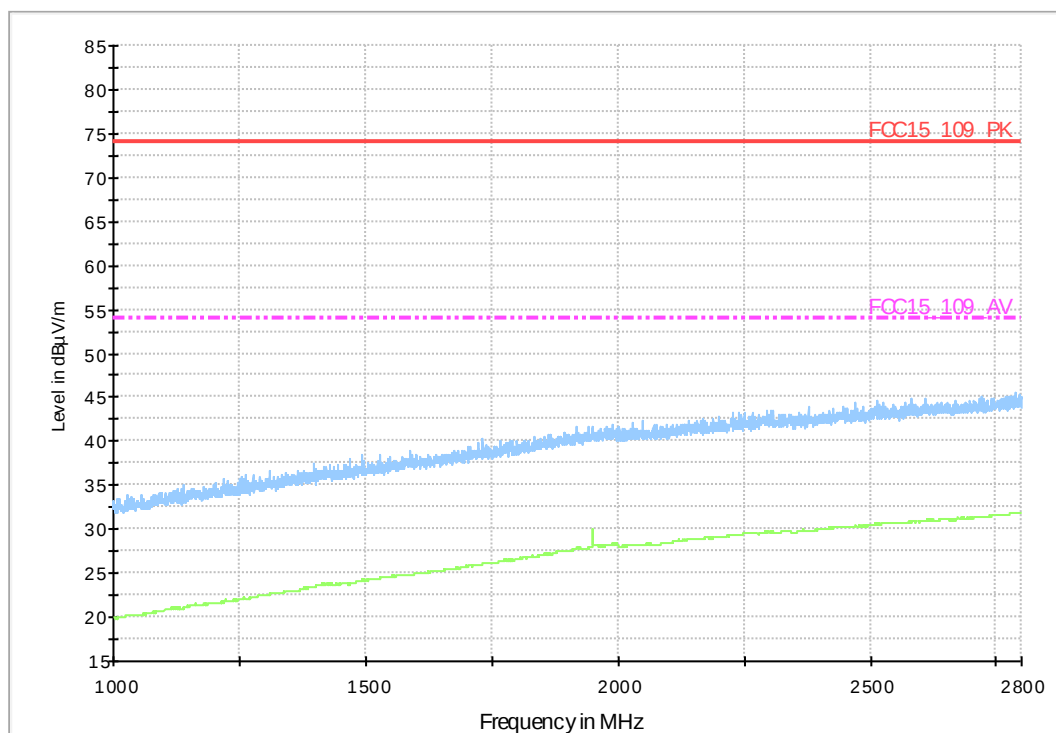
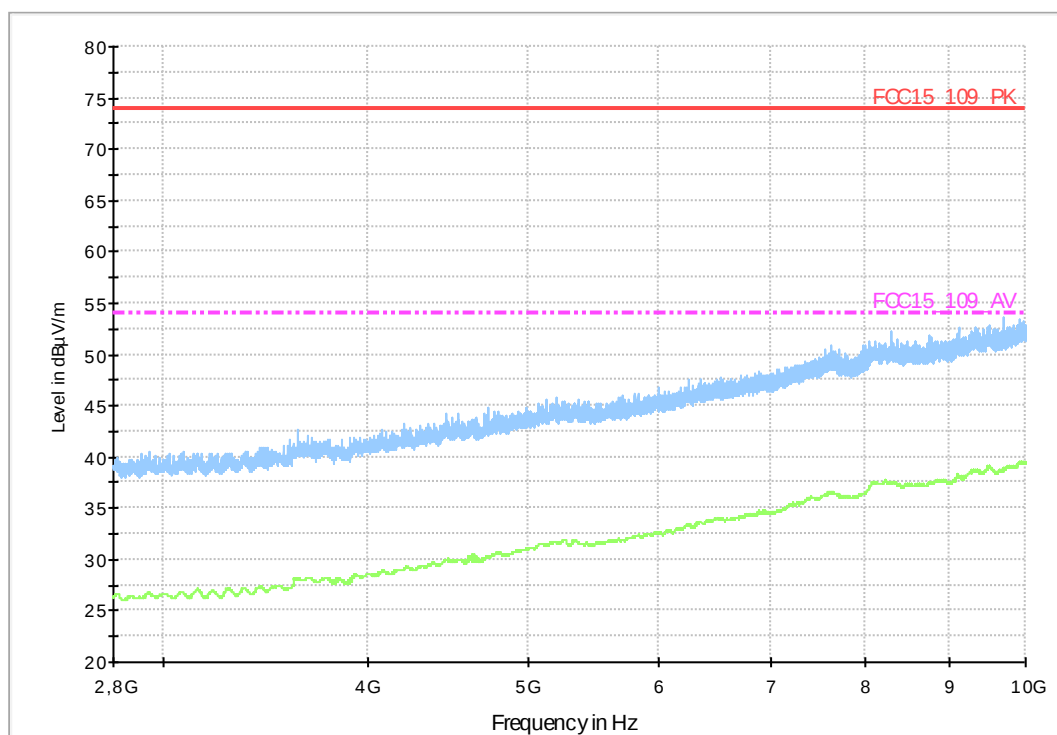


Diagram No. 2.18

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	IDLE Mode GSM1900
Operator Name:	dpa
Comment:	Uplink channel middle: Downlink channel middle:

Sweep2_SM1_K1

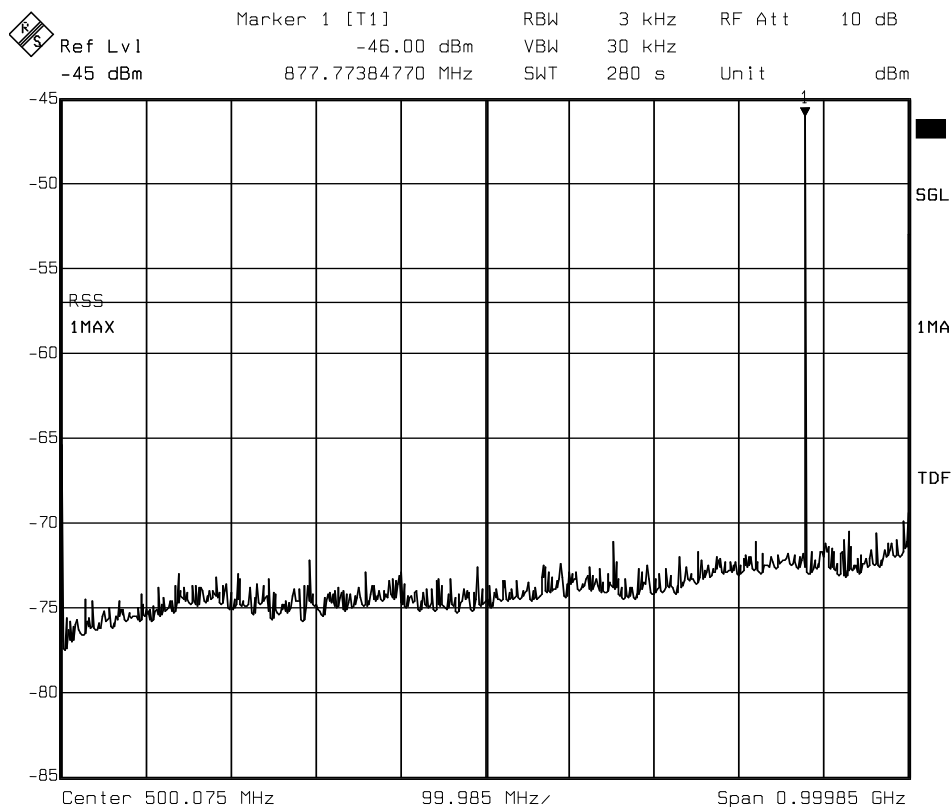


EMI Auto Test Template: Sweep2_SM1_K1

Hardware Setup:	549_dBuVm_PA484_TH3_KP1_ESU
Measurement Type:	E(I)RP
Frequency Range:	2,8 GHz - 10 GHz
Graphics Level Range:	20 dB μ V/m - 80 dB μ V/m
Preview Measurements:	
Scan Test Template:	Sweep2_pre
Data Reduction:	
Limit Line #1:	FCC15_109_PK
Limit Line #2:	FCC15_109_AV
Peak Search:	6 dB , Maximum Results: 10
Subrange Maxima:	50 Subranges , Maxima per Subrange: 1
Acceptance Offset:	-20 dB
Maximum Number of Results:	30
After Data Reduction:	Interactive data reduction
Frequency Zoom:	
Zoom Scan Template:	Sweep2_zoom
Adjustment:	
Template for Single Meas.:	Sweep2_zoom
Final Measurements:	
Template for Single Meas.:	Sweep2_fin
Report Settings:	
Report Template:	Report Setup FCC 15_109
Create Electronic Report:	PDF
Document Name:	dummy EMI Report

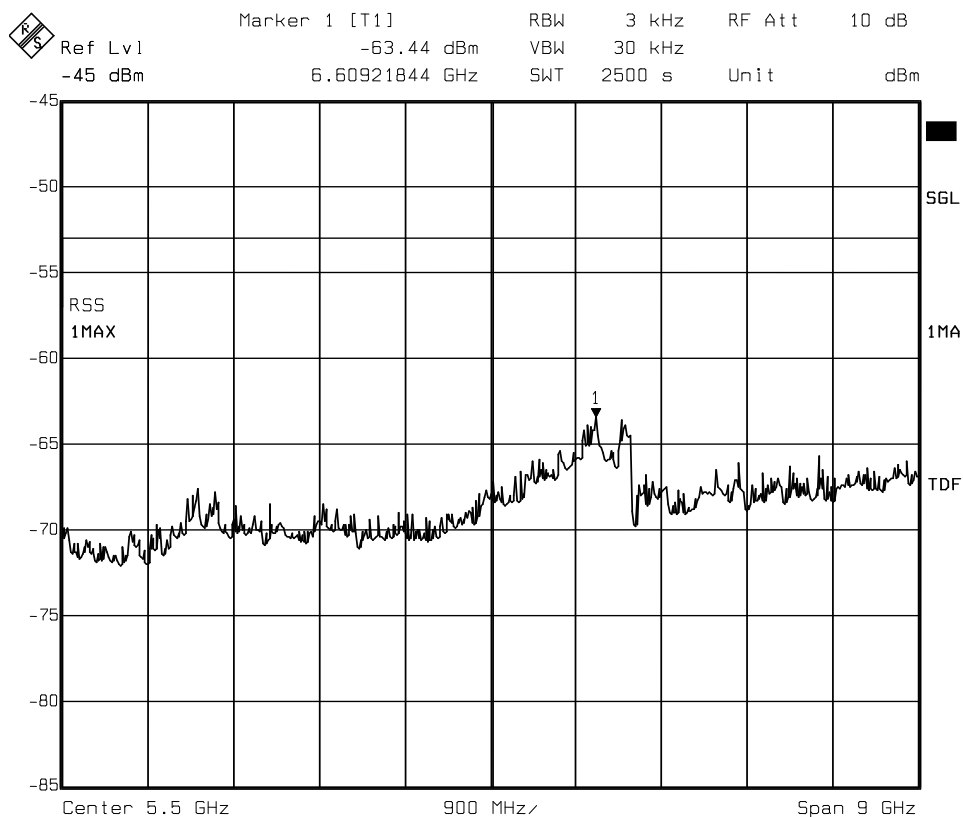
1.4. Conducted emissions on antenna port in receive mode

1.4.1. IDLE GSM850



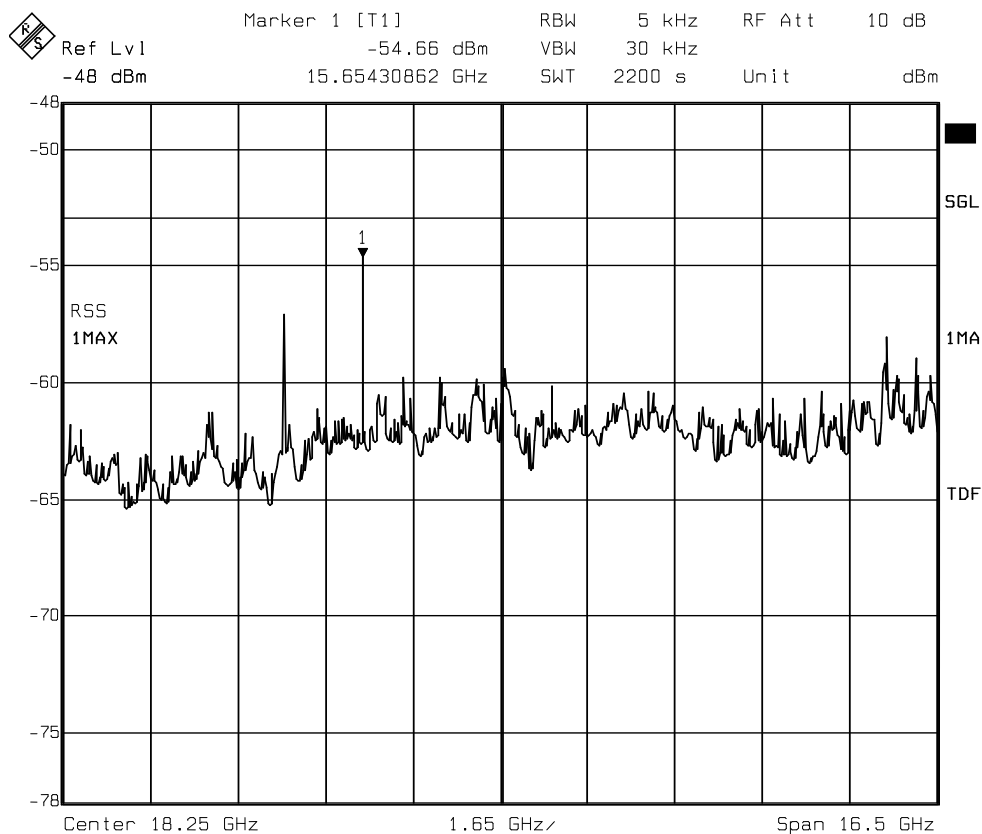
Date: 24.SEP.2011 15:04:44

Sweep 1 (150kHz to 1GHz)

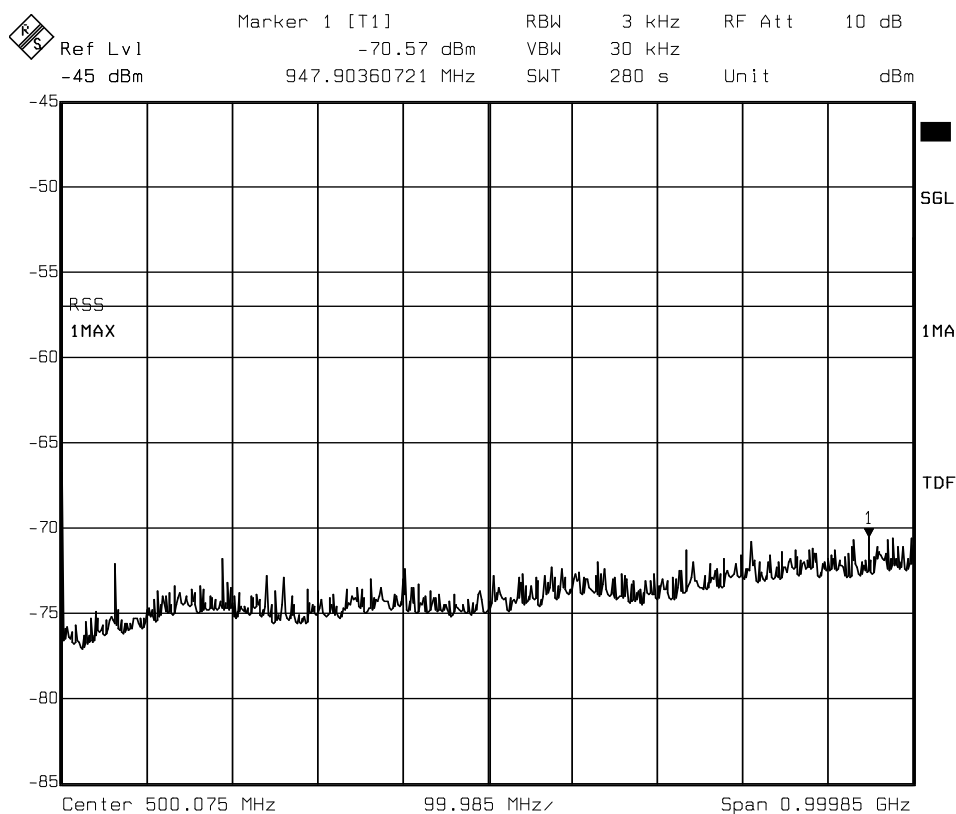


Date: 24.SEP.2011 15:48:40

Sweep 2 (1GHz to 10GHz)

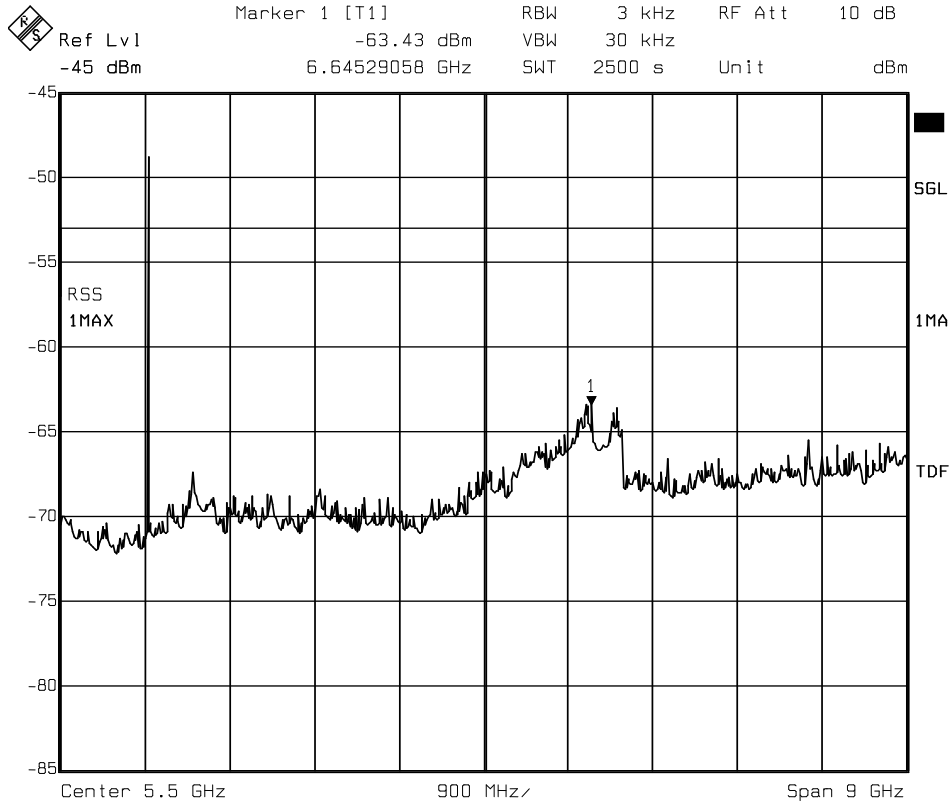


Date: 24.SEP.2011 16:28:16

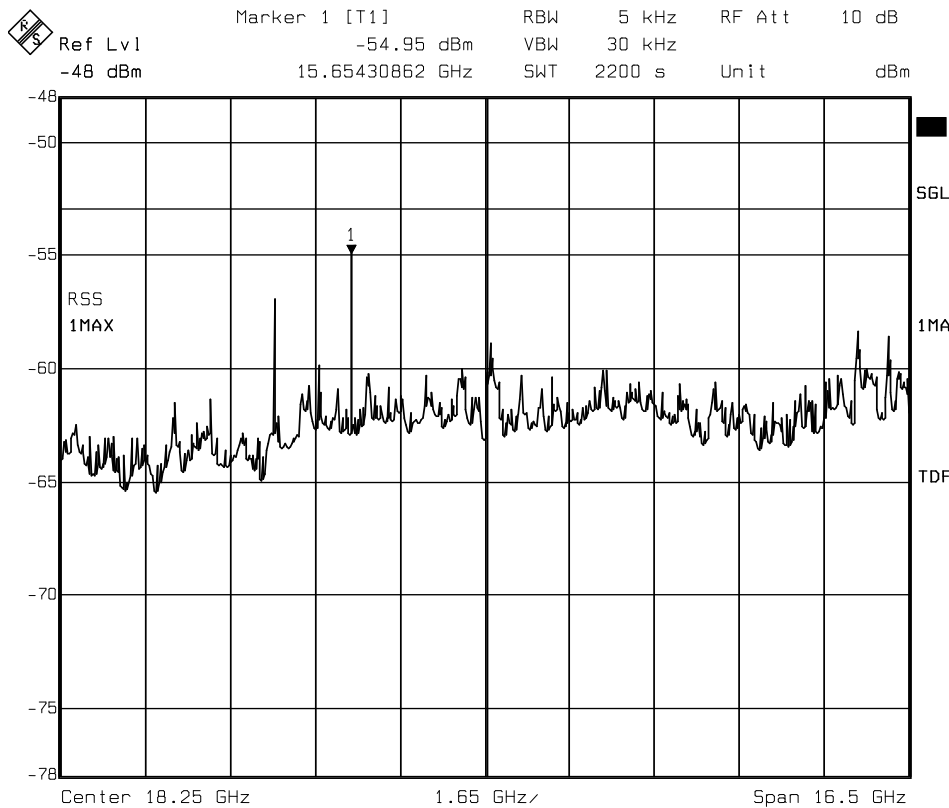
Sweep 3 (10 GHz to 26.5 GHz)**1.4.2. IDLE GSM1900**

Date: 24.SEP.2011 18:28:41

Sweep 1 (150kHz to 1GHz)



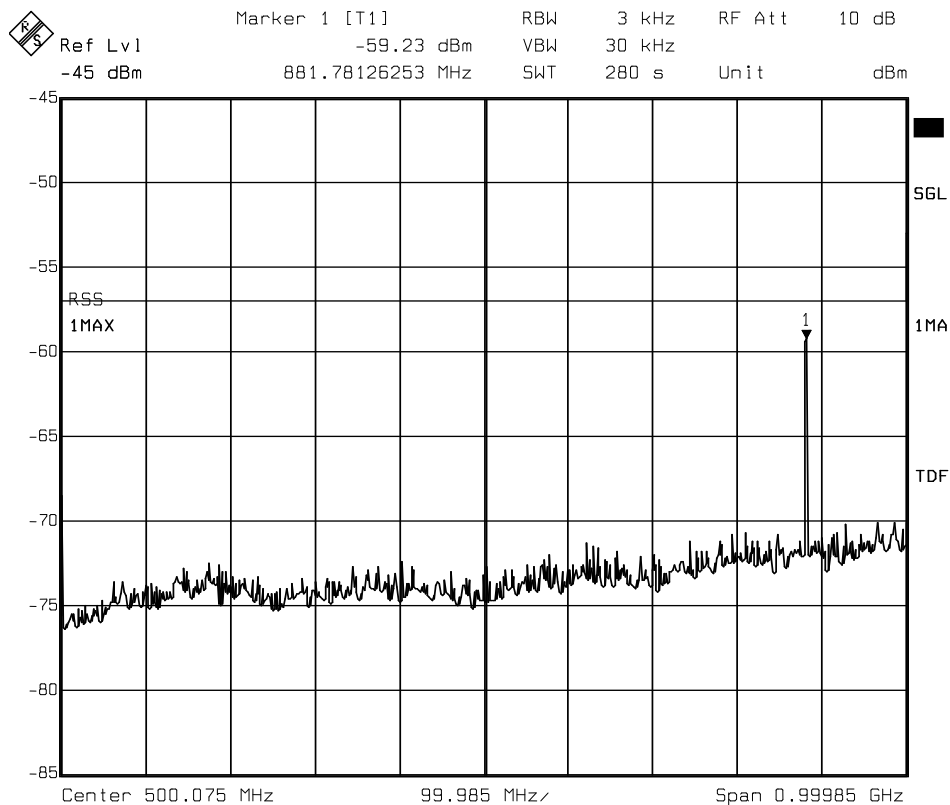
Date: 24.SEP.2011 19:13:16

Sweep 2 (1GHz to 10GHz)

Date: 24.SEP.2011 19:51:33

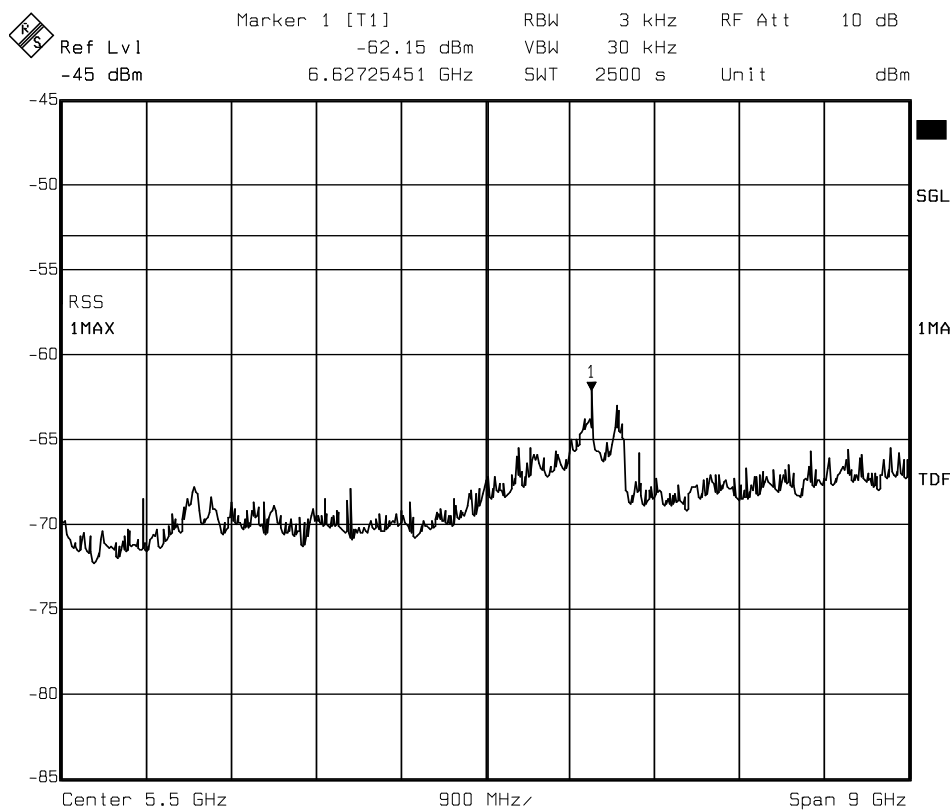
Sweep 3 (10 GHz to 26.5 GHz)

1.4.3. IDLE W-CDMA Band V



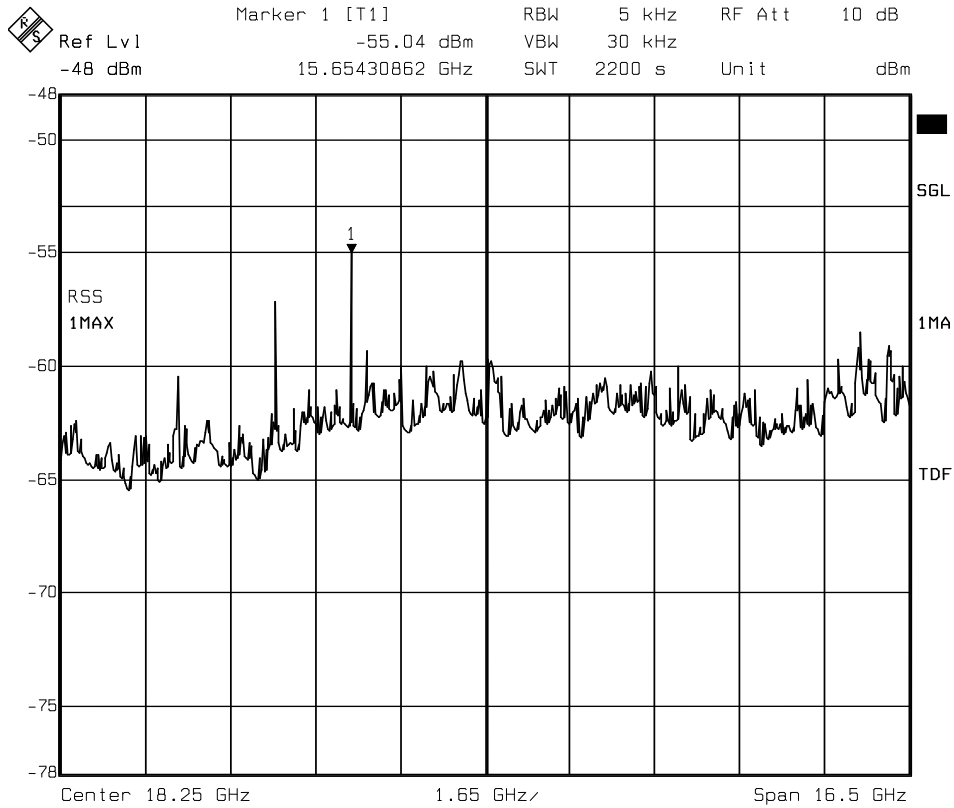
Date: 24.SEP.2011 12:49:32

Sweep 1 (150kHz to 1GHz)

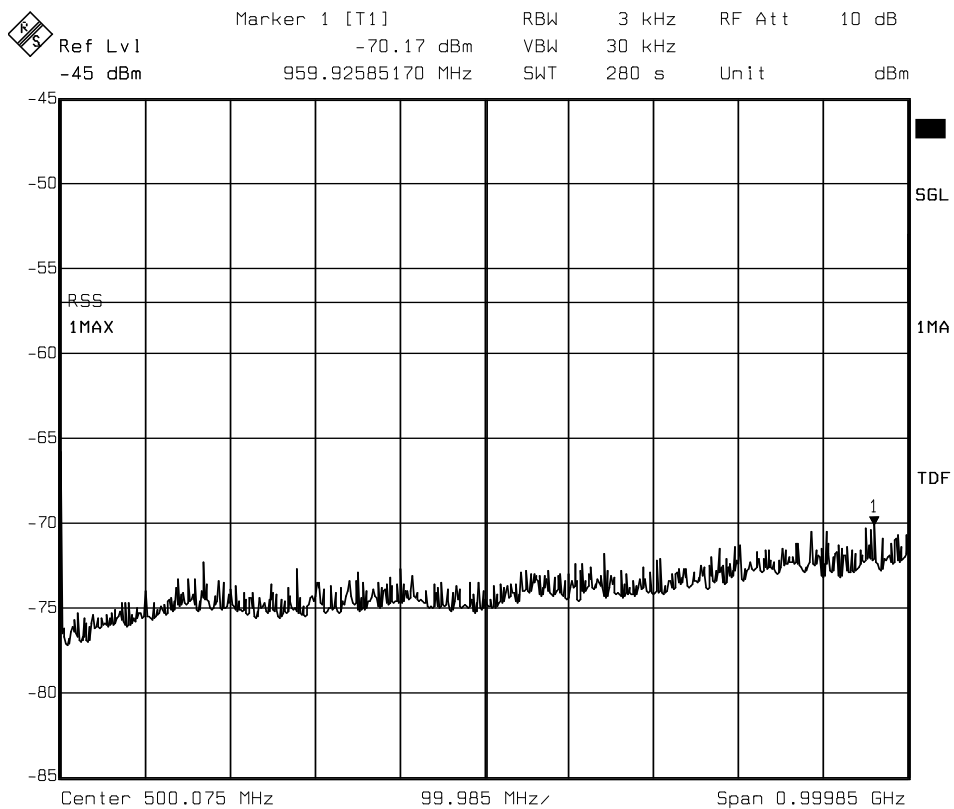


Date: 24.SEP.2011 13:42:38

Sweep 2 (1GHz to 10GHz)

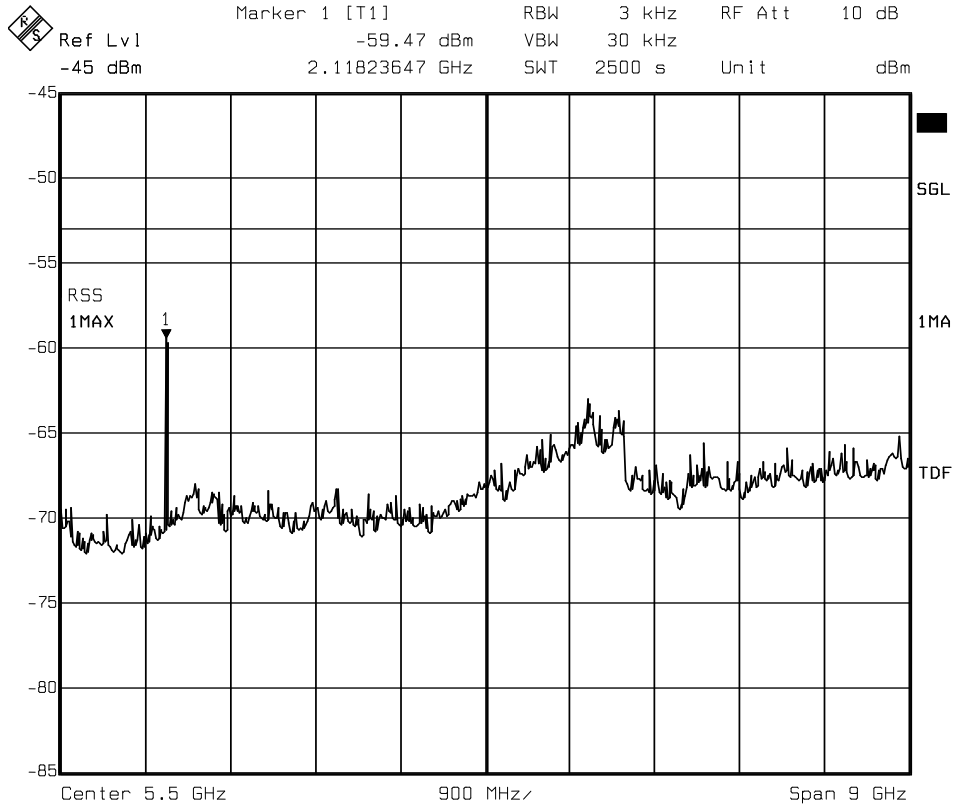


Date: 24.SEP.2011 14:25:47

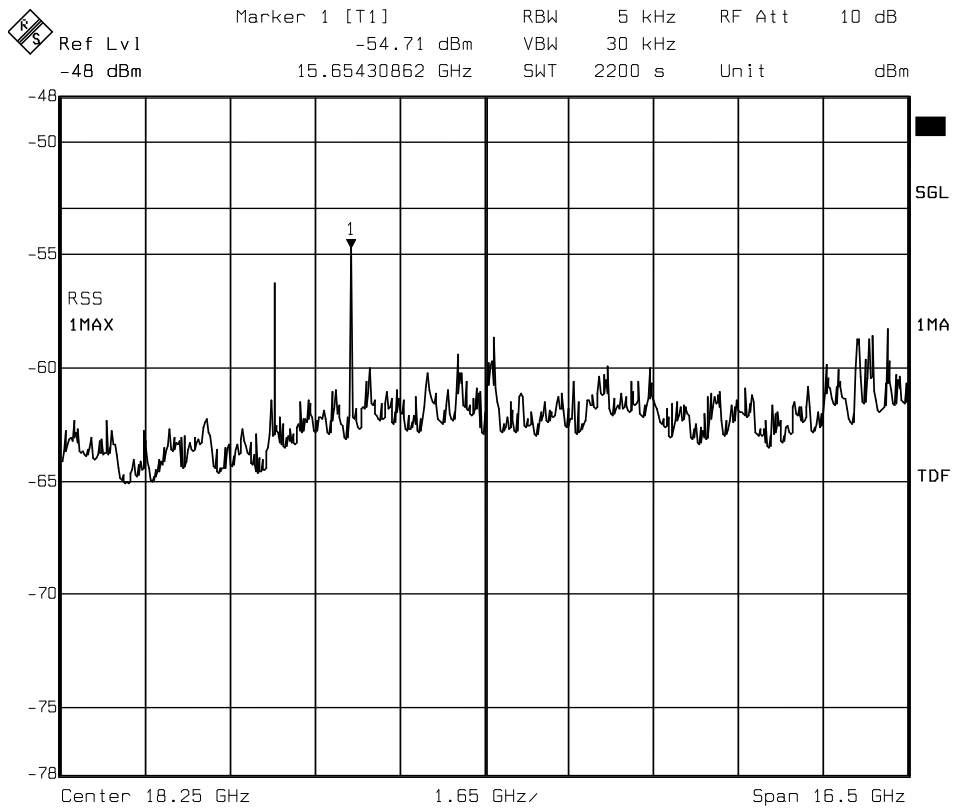
Sweep 3 (10 GHz to 26.5 GHz)**1.4.4. IDLE W-CDMA Band IV**

Date: 24.SEP.2011 20:08:24

Sweep 1 (150kHz to 1GHz)



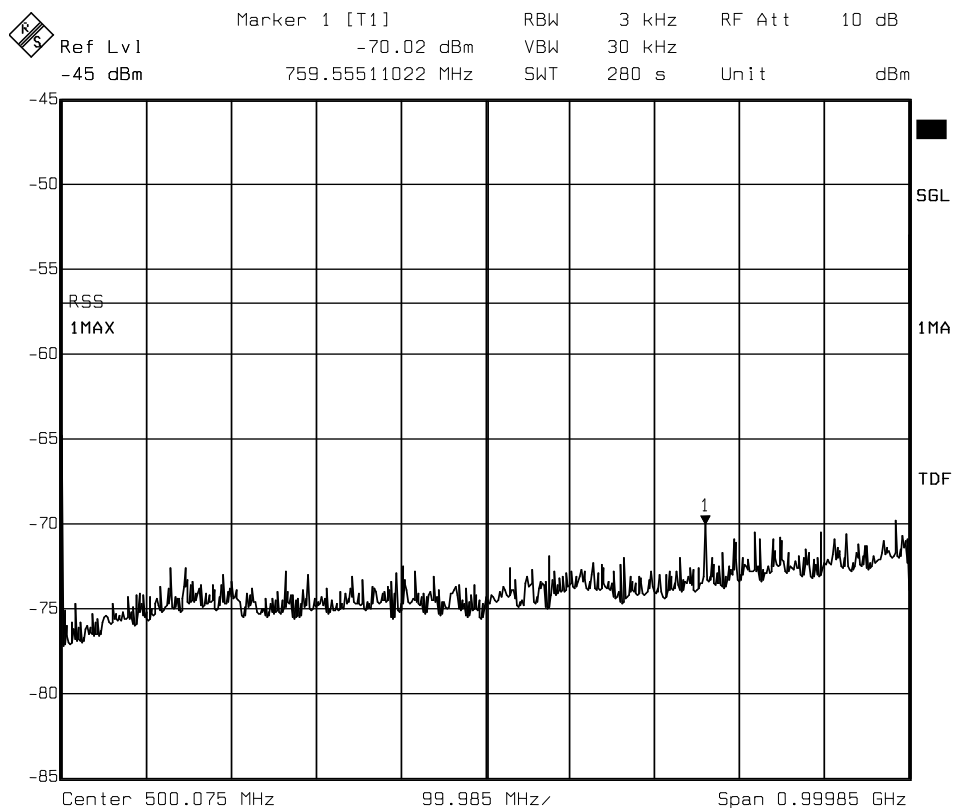
Date: 24.SEP.2011 20:50:33

Sweep 2 (1GHz to 10GHz)

Date: 24.SEP.2011 21:29:08

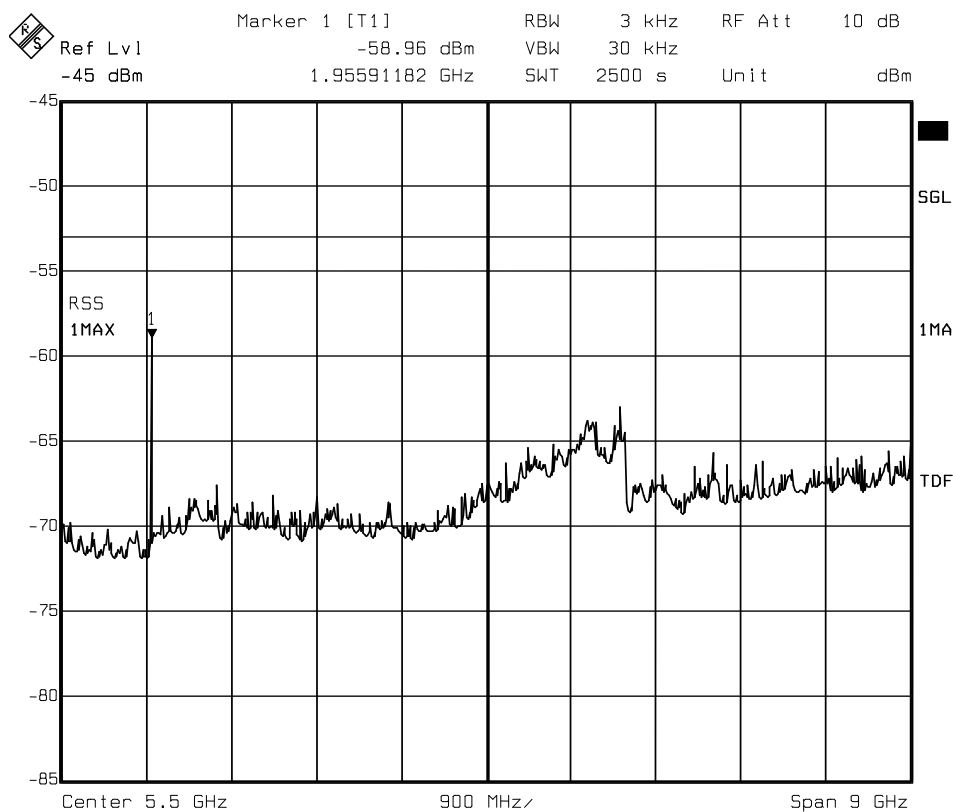
Sweep 3 (10 GHz to 26.5 GHz)

1.4.5. IDLE W-CDMA Band II



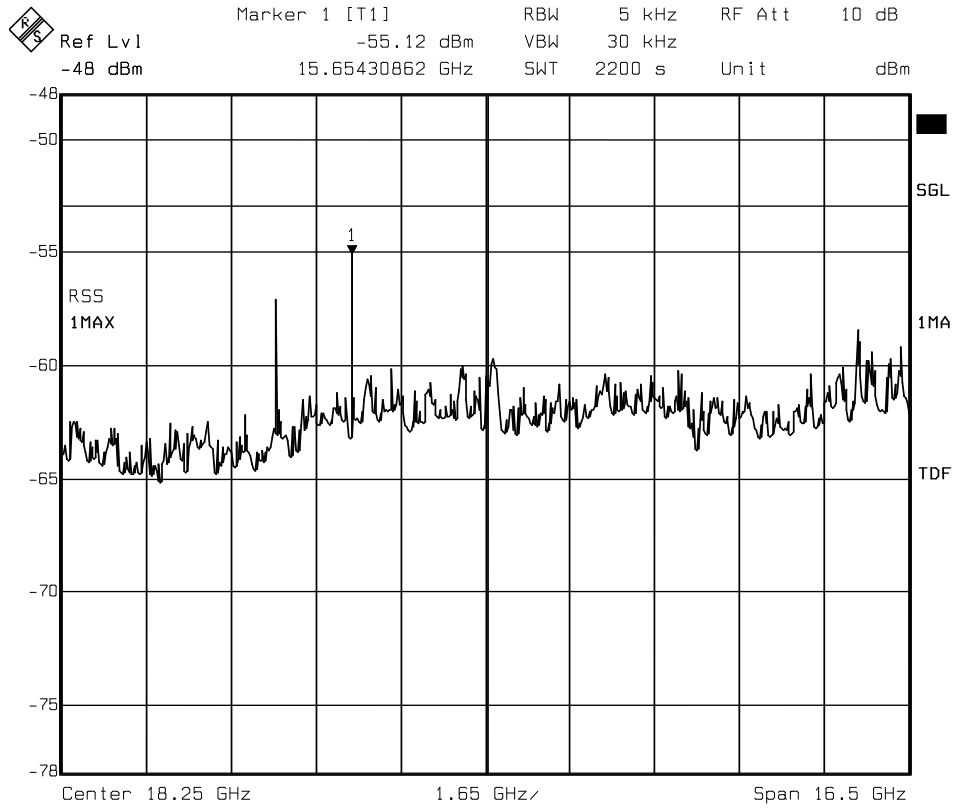
Date: 24.SEP.2011 16:51:18

Sweep 1 (150kHz to 1GHz)



Date: 24.SEP.2011 17:34:33

Sweep 2 (1GHz to 10GHz)



Date: 24.SEP.2011 18:16:40

Sweep 3 (10 GHz to 26.5 GHz)