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			
DAkkS 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
Wi Fi ALLIANCE AUTHORIZED RF LABORATORY	CTIA Authorized Test Lab LAB CODE 20011130-00		
accredited according to DIN EN ISO/IEC 17025			

CETECOM GmbH
Laboratory Radio Communications & Electromagnetic Compatibility
Im Teelbruch 116 • 45219 Essen • Germany
Registered in Essen, Germany, Reg. No.: HRB Essen 8984
Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964
E-mail: info@cetecom.com • Internet: www.cetecom.com

Table of contents

1. Diagrams

1.1. Diagrams of conducted AC-emission

Diagram No. 1.1

Test Description:	Conducted Voltage Measurement Class B
Testspezification:	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

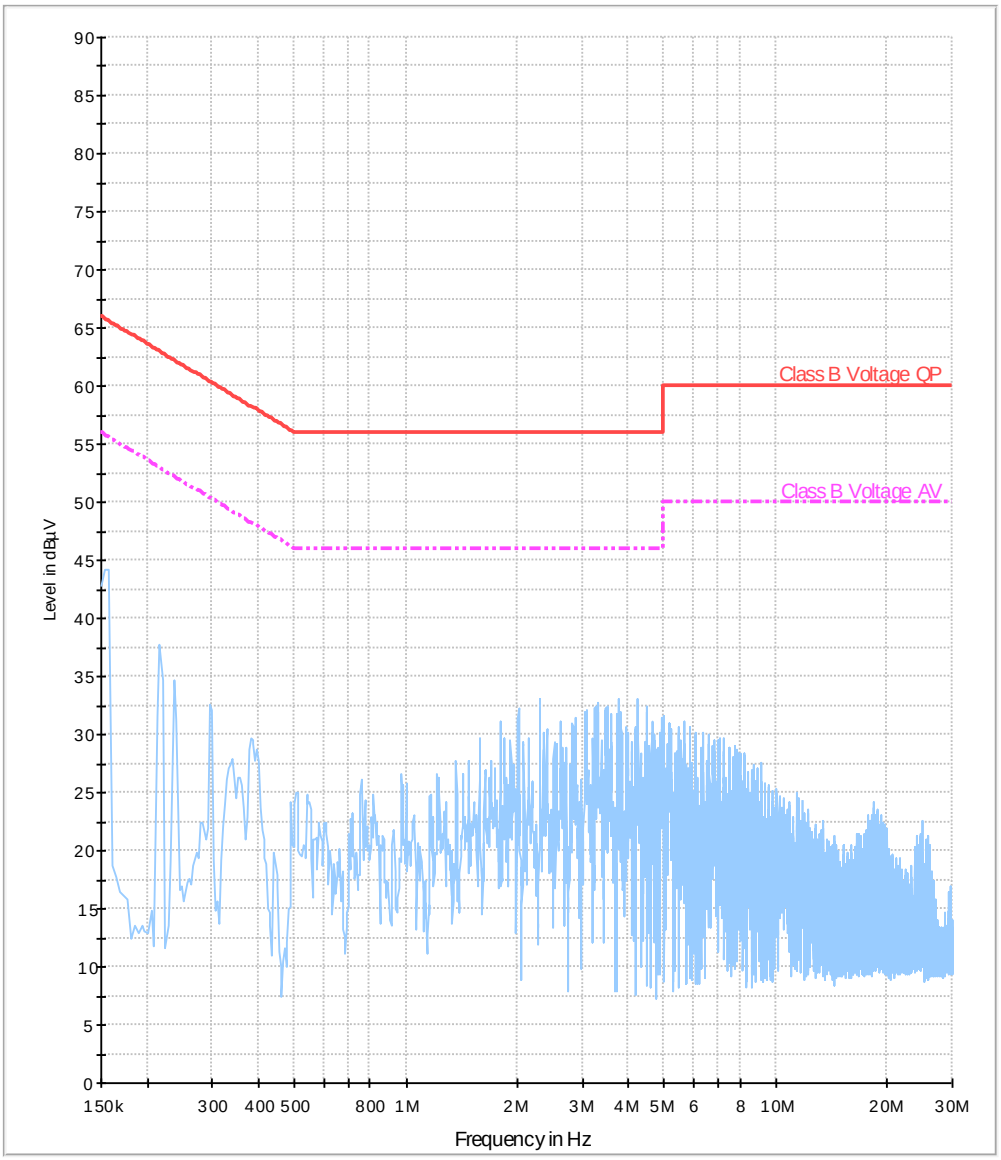


Diagram No. 1.2

Test Description:	Conducted Voltage Measurement Class B
Testspezification:	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

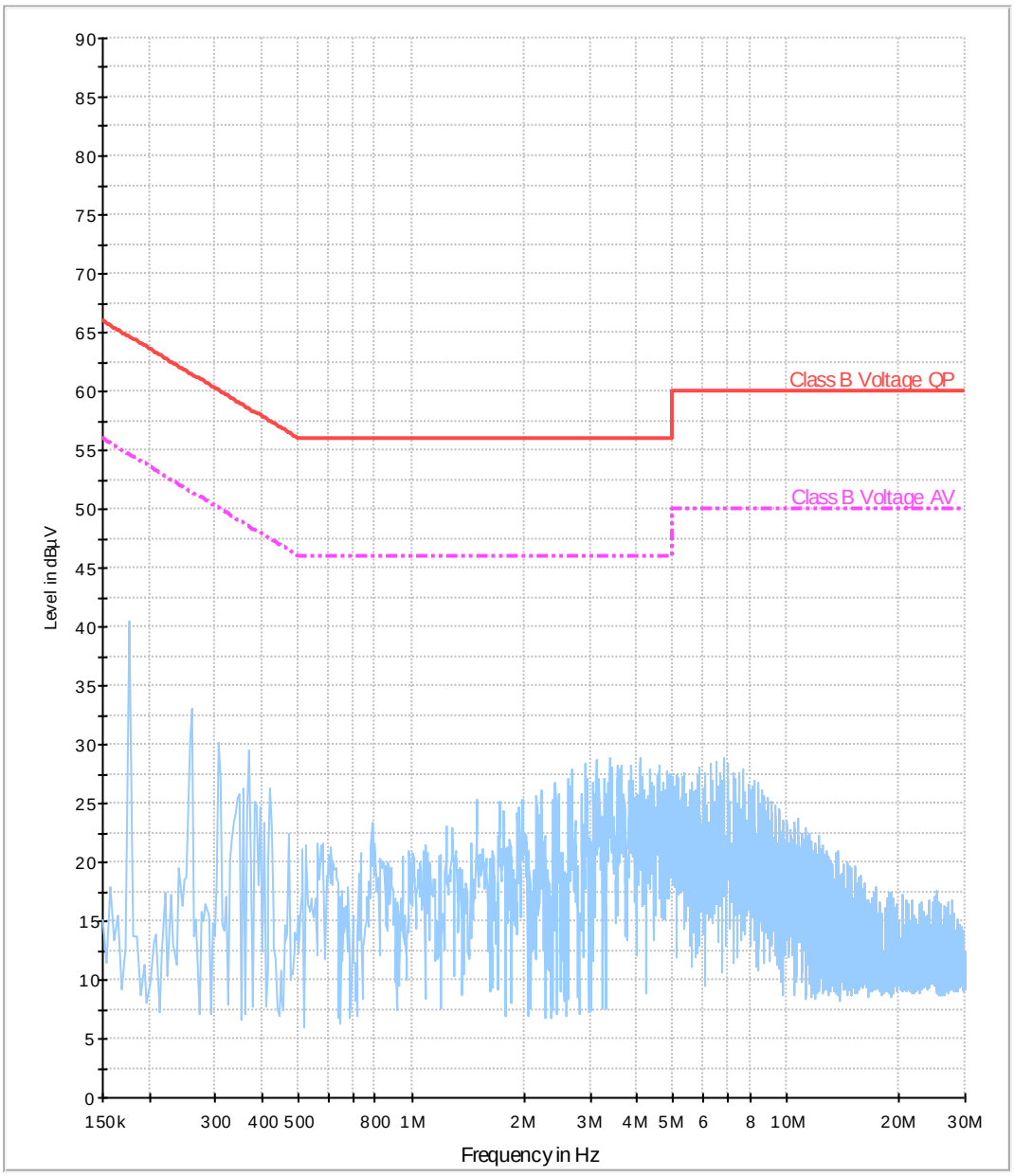


Diagram No. 1.3

Test Description:	Conducted Voltage Measurement Class B
Testspezification:	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

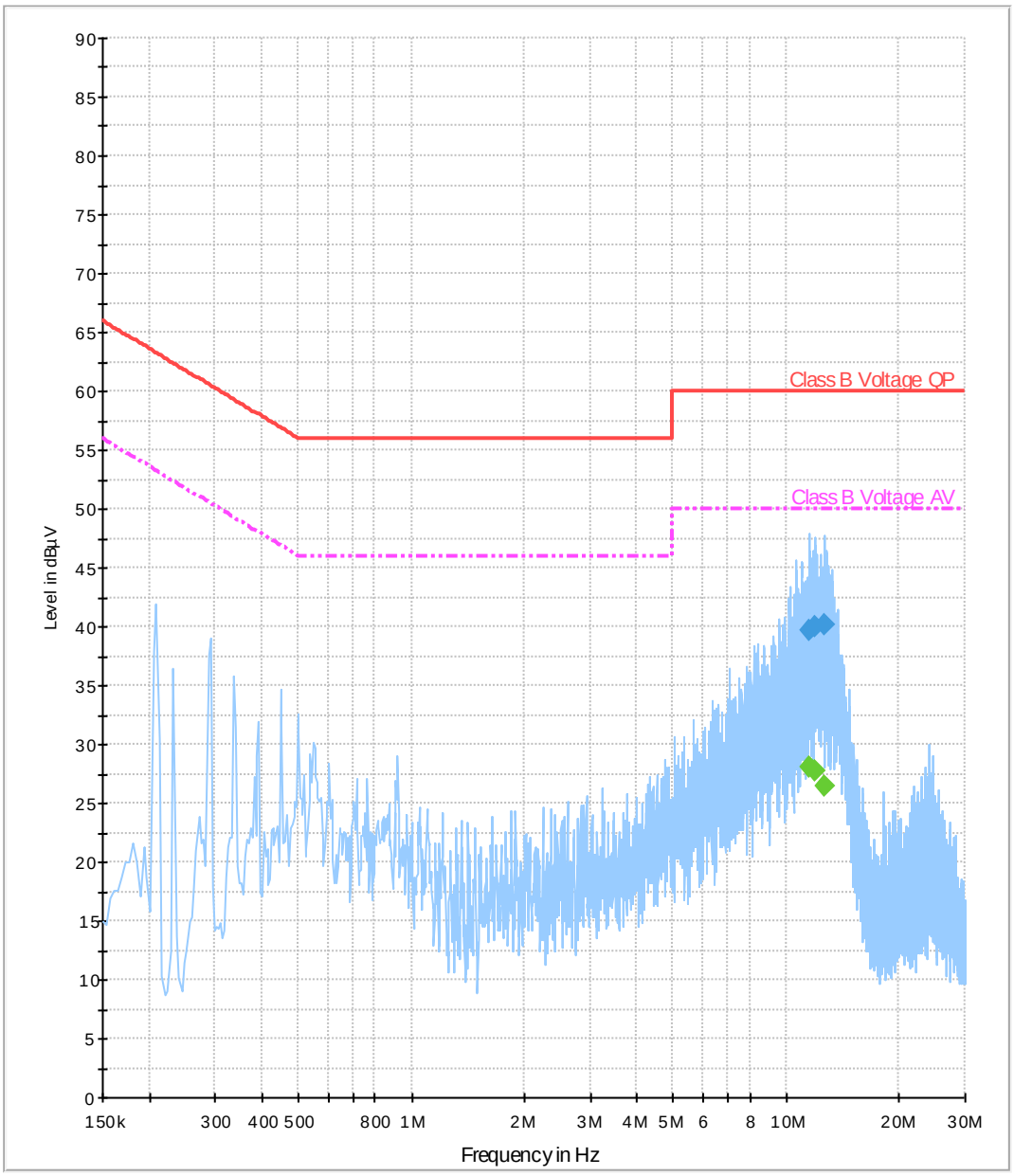


Diagram No. 1.4

Test Description:	Conducted Voltage Measurement Class B
Testspezification:	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

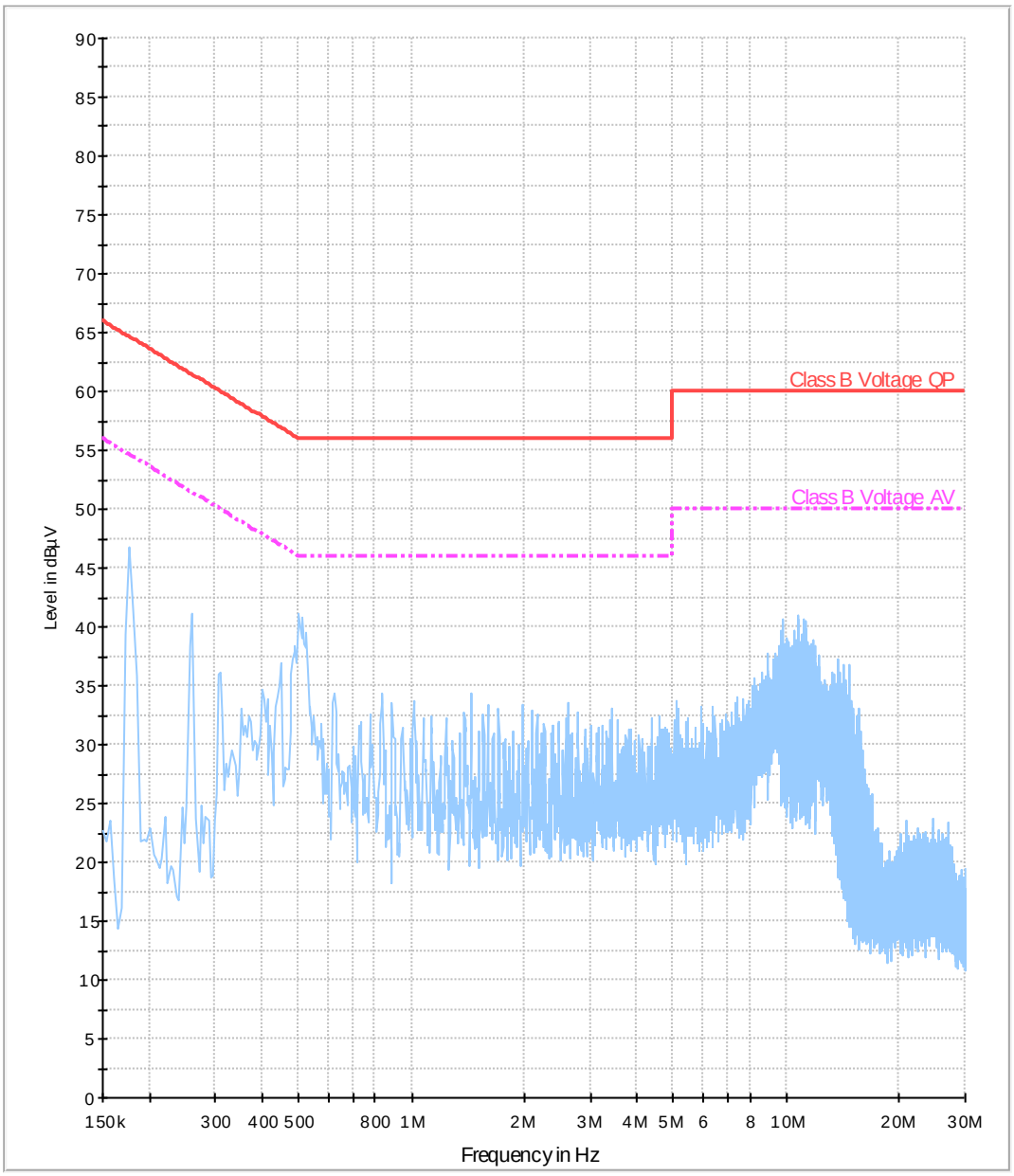


Diagram No. 1.5

Test Description:	Conducted Voltage Measurement Class B
Testspezification:	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

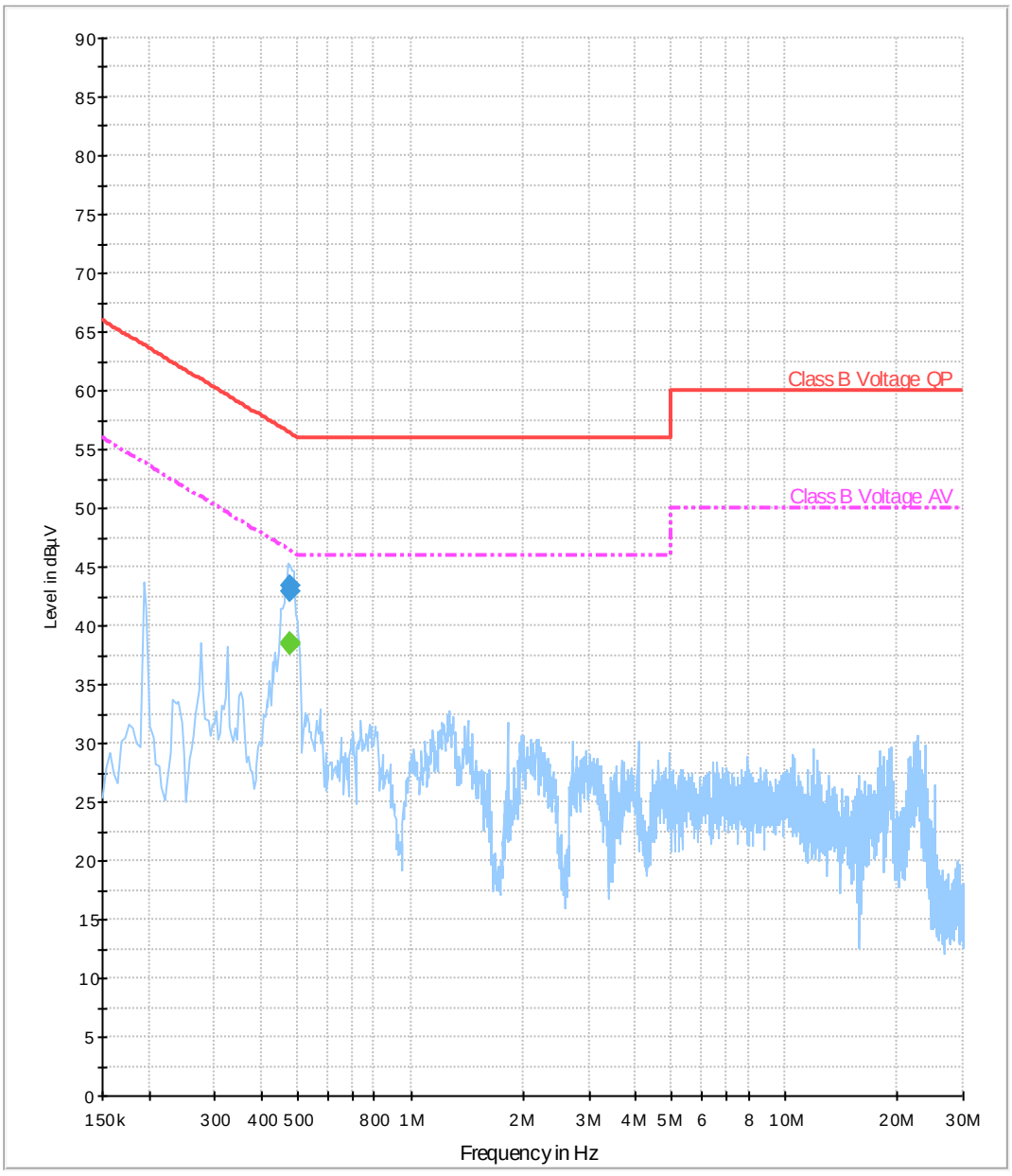
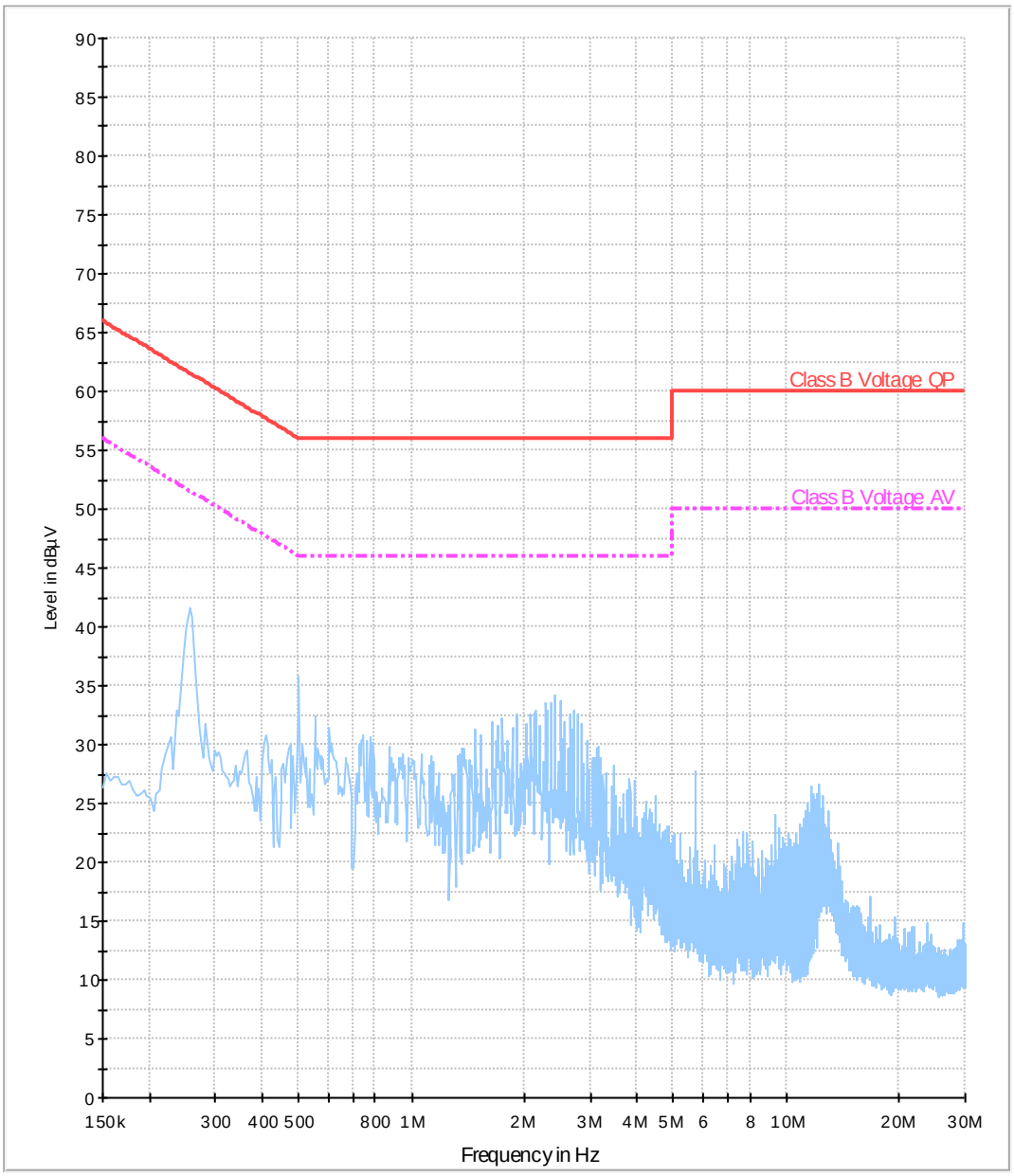


Diagram No. 1.6

Test Description:	Conducted Voltage Measurement Class B
Testspezification:	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 dBµV - 90 dBµV

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

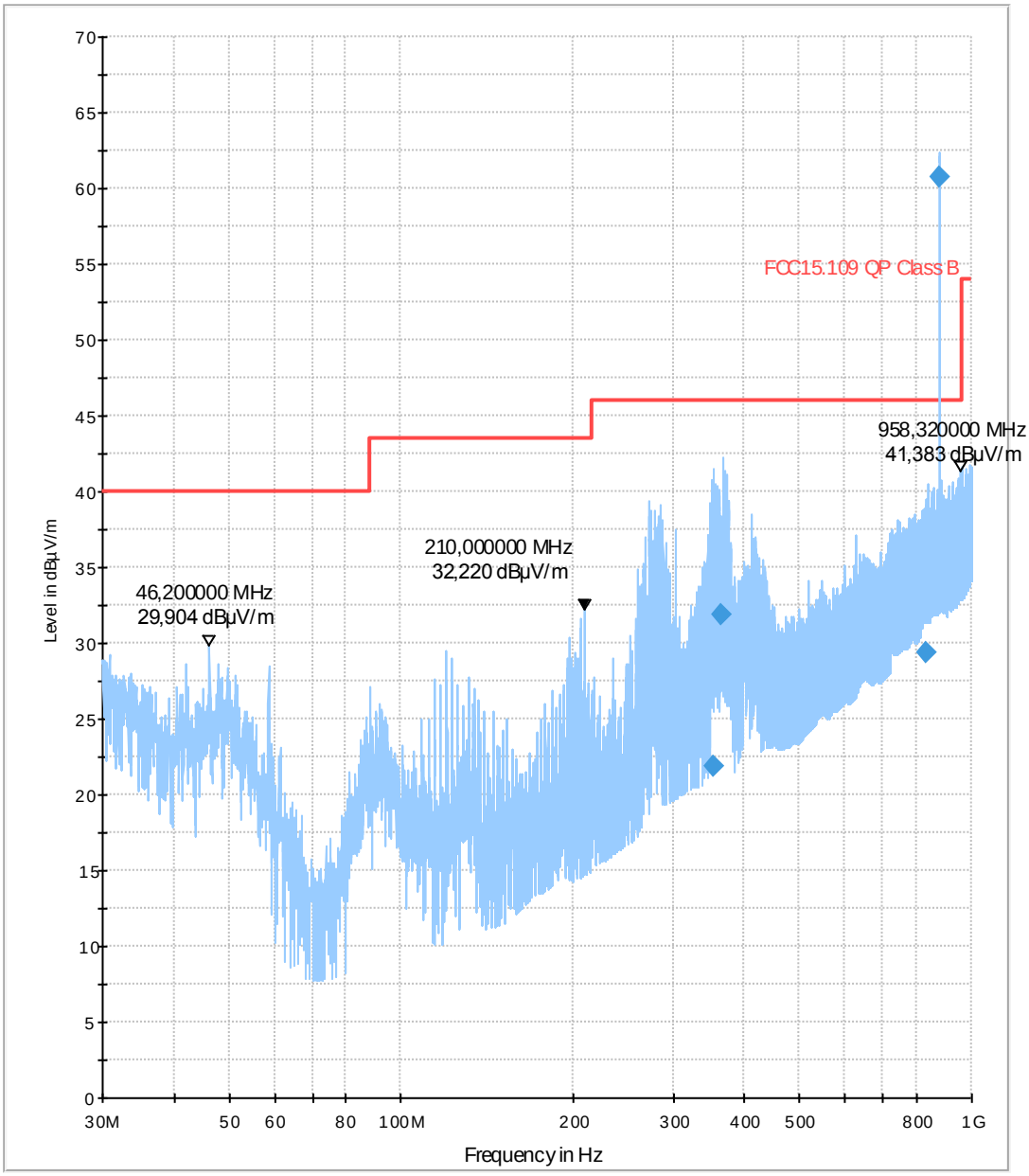


Diagram No. 2.02

Common Information

Test description:	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

05_FCC15.109_hor+vert_kipp

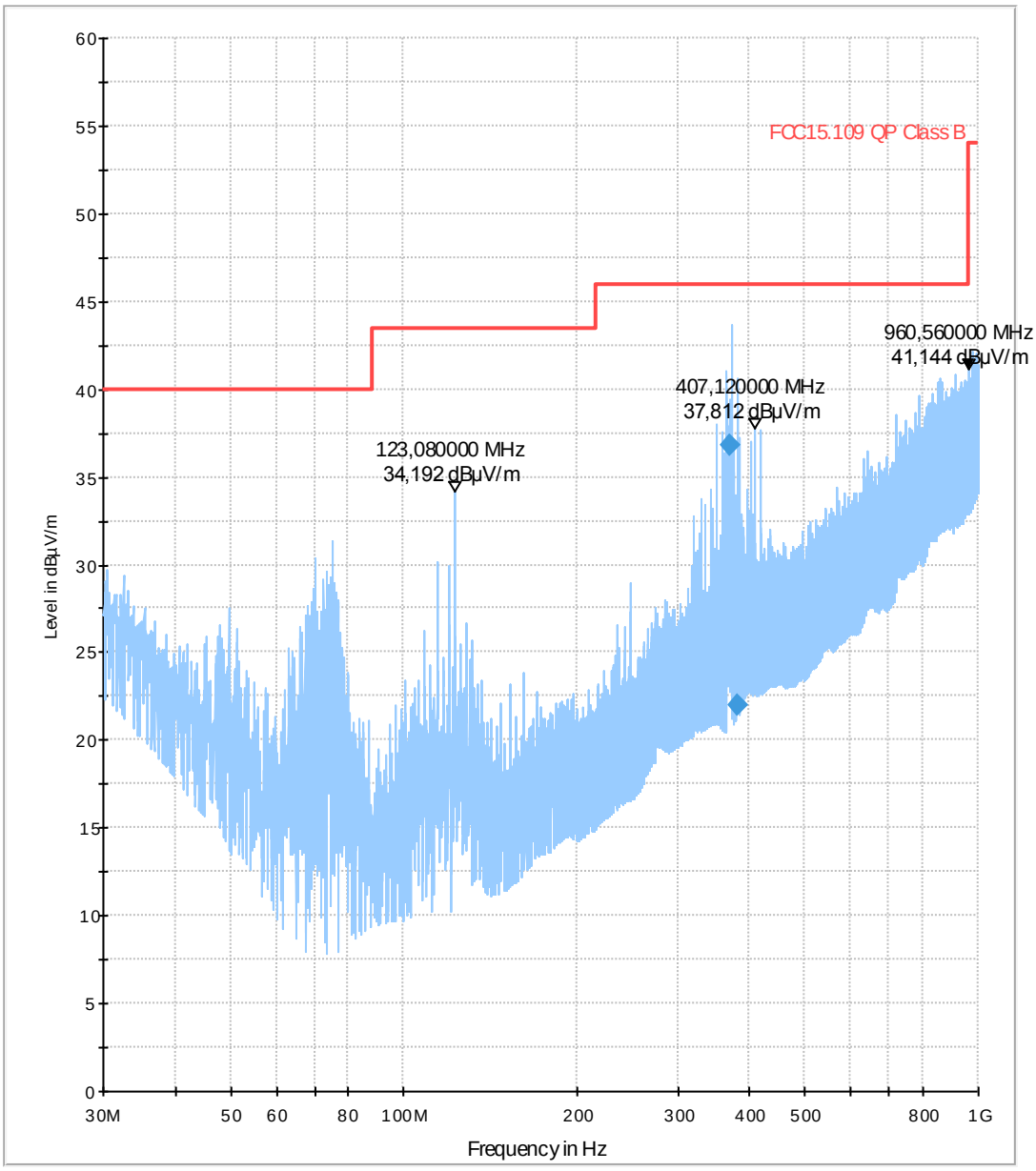


Diagram No. 2.03

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

05_FCC15.109_hor+vert_kipp

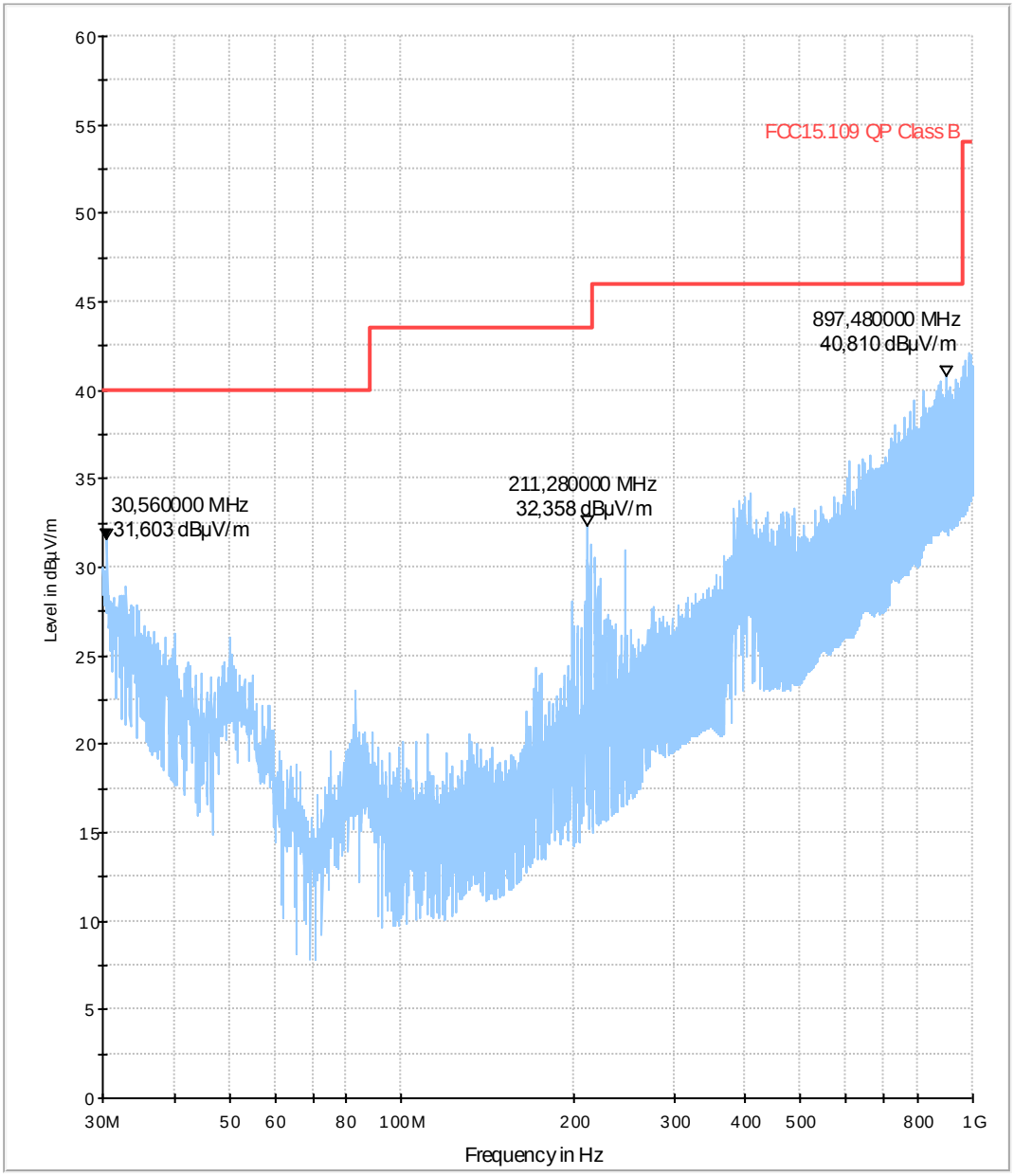


Diagram No. 2.04

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

05_FCC15.109_hor+vert_kipp

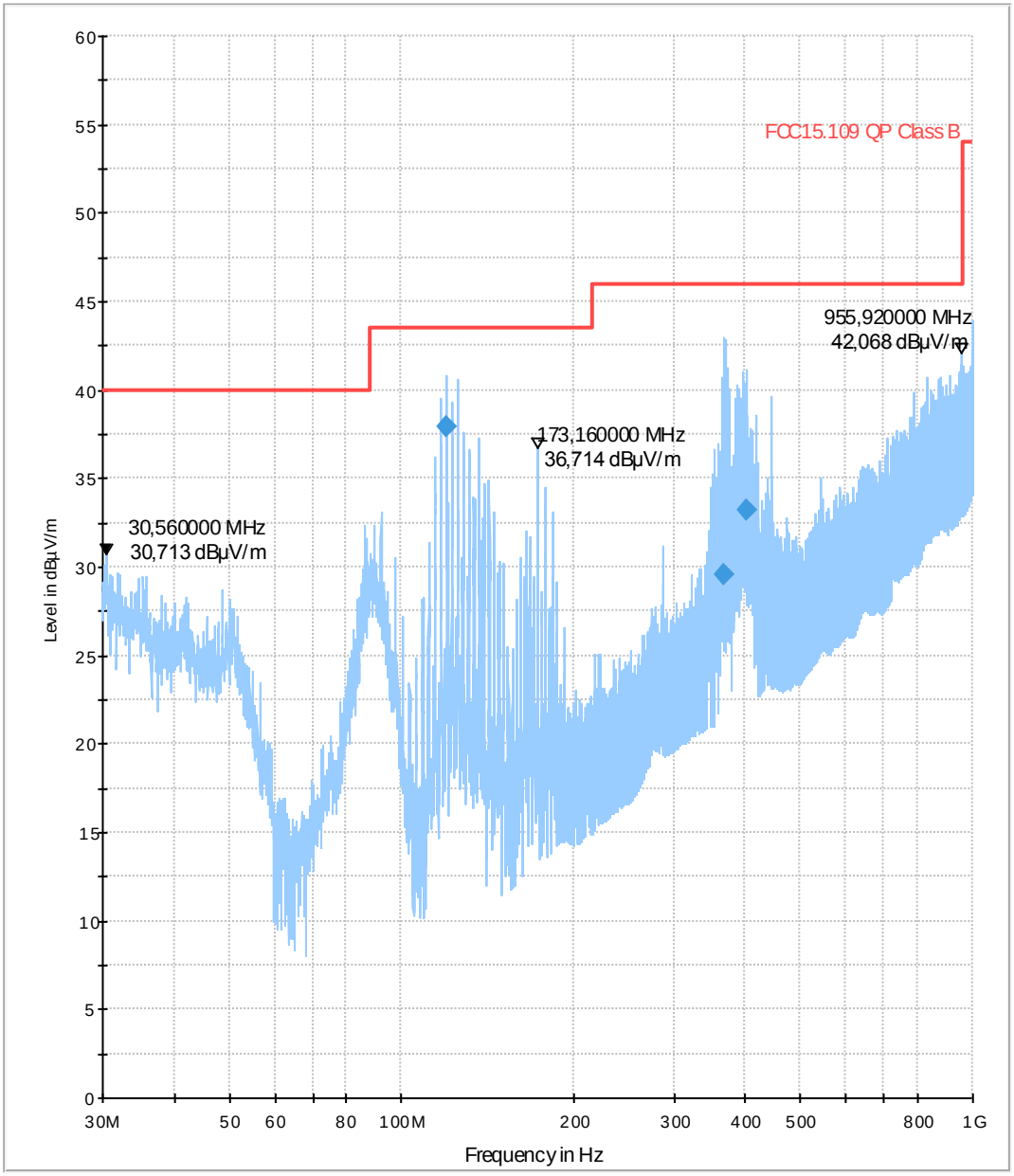


Diagram No. 2.05

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

05_FCC15.109_hor+vert_kipp

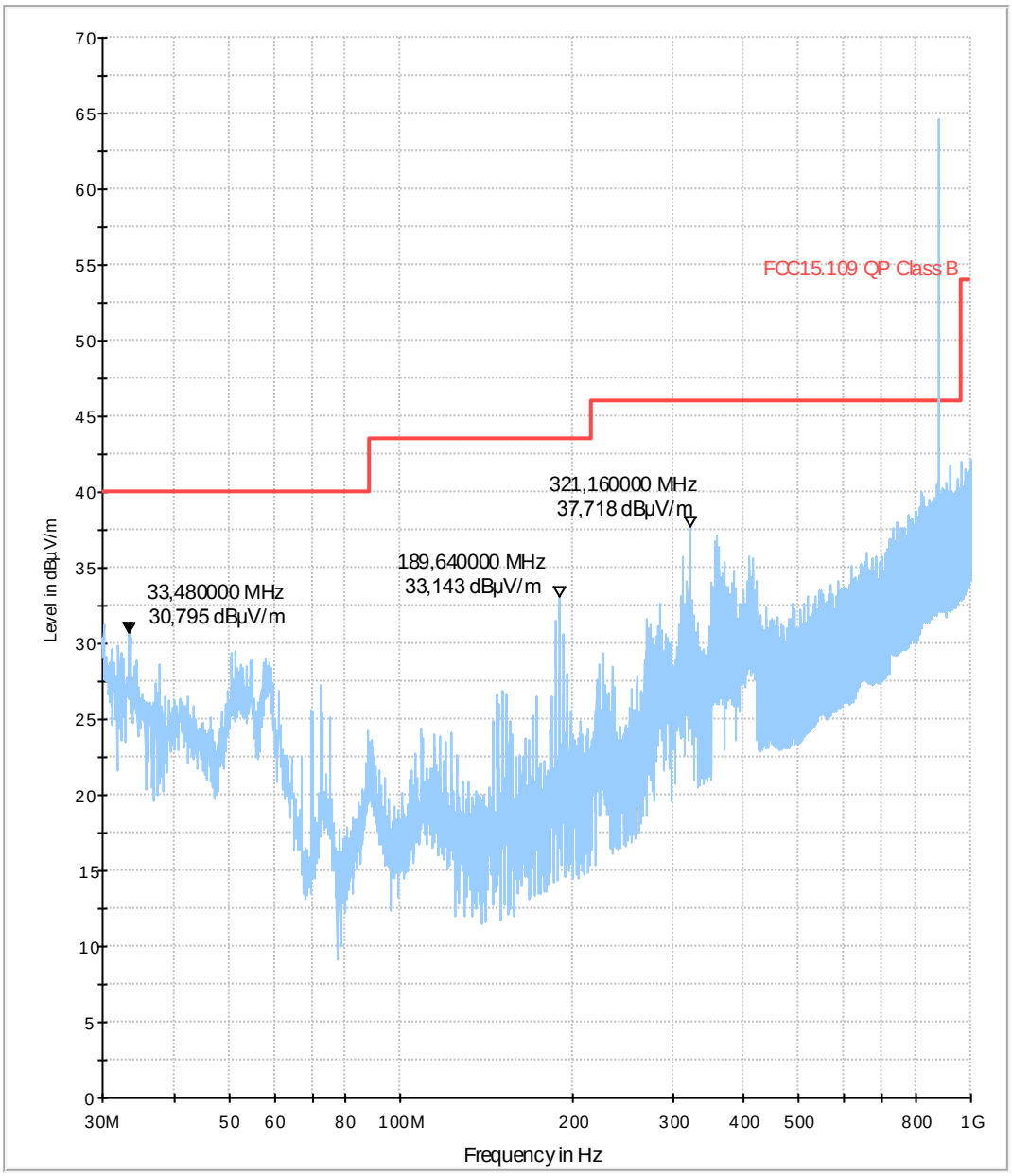
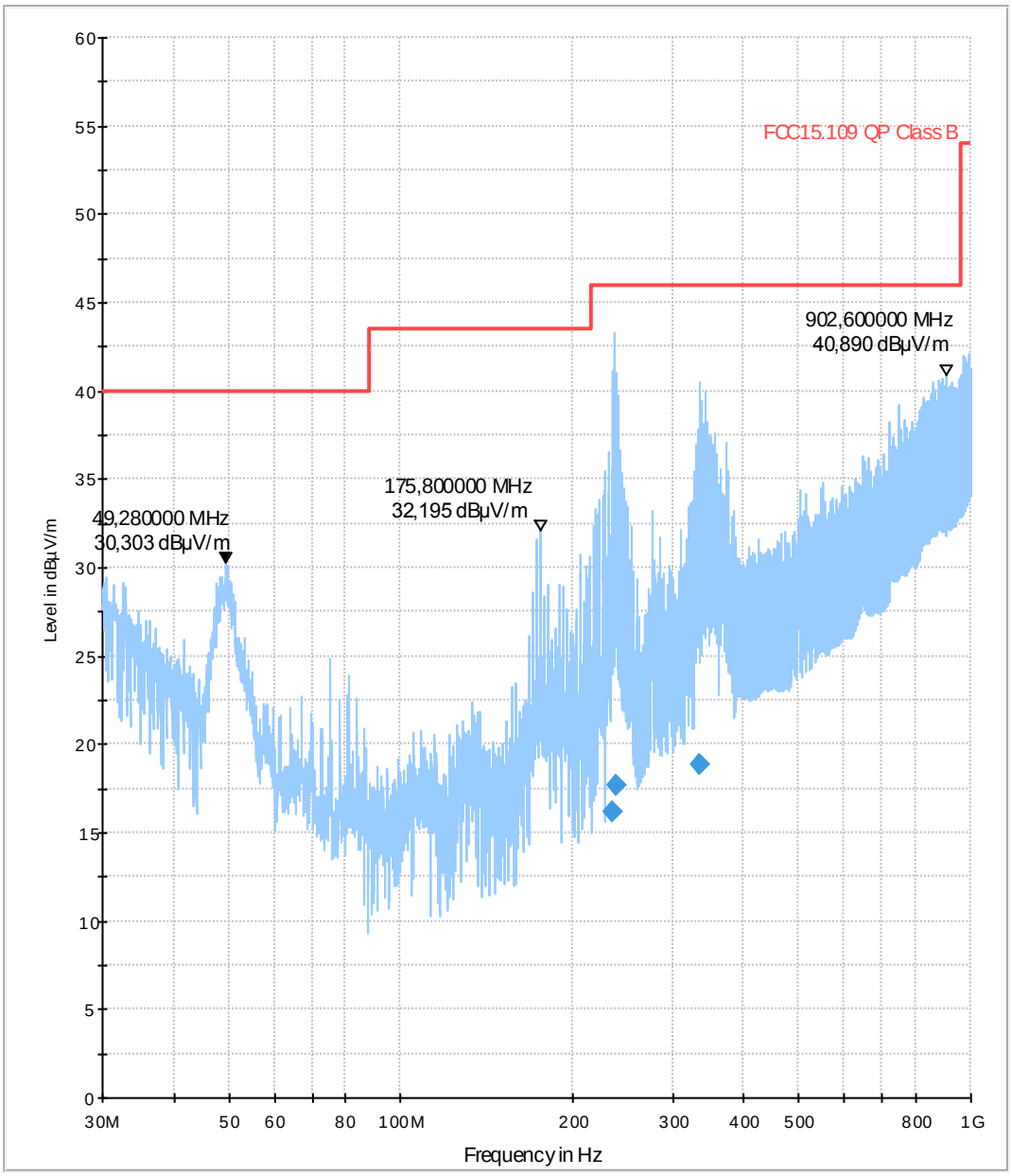


Diagram No. 2.06

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

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:

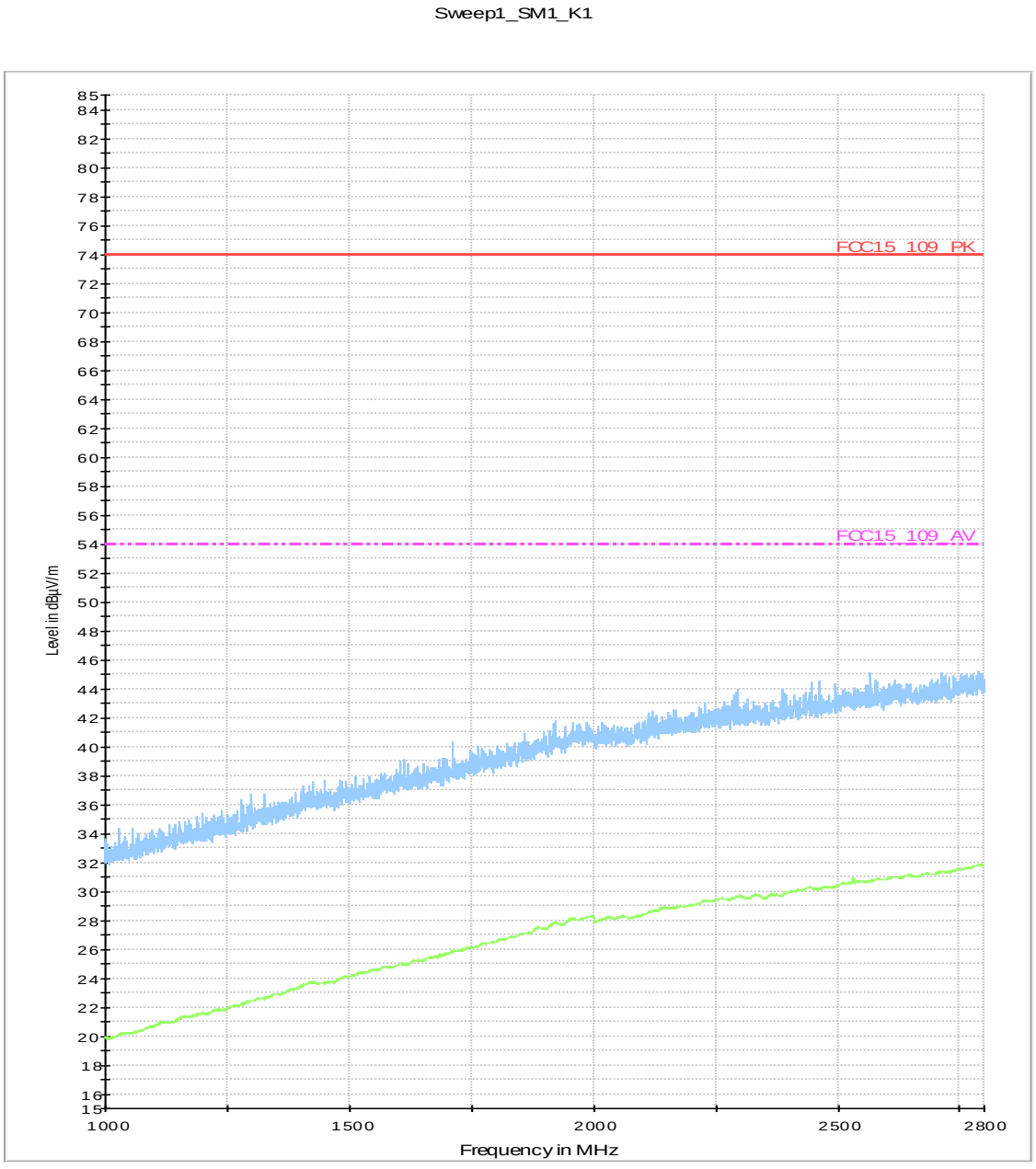


Diagram No. 2.08

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:

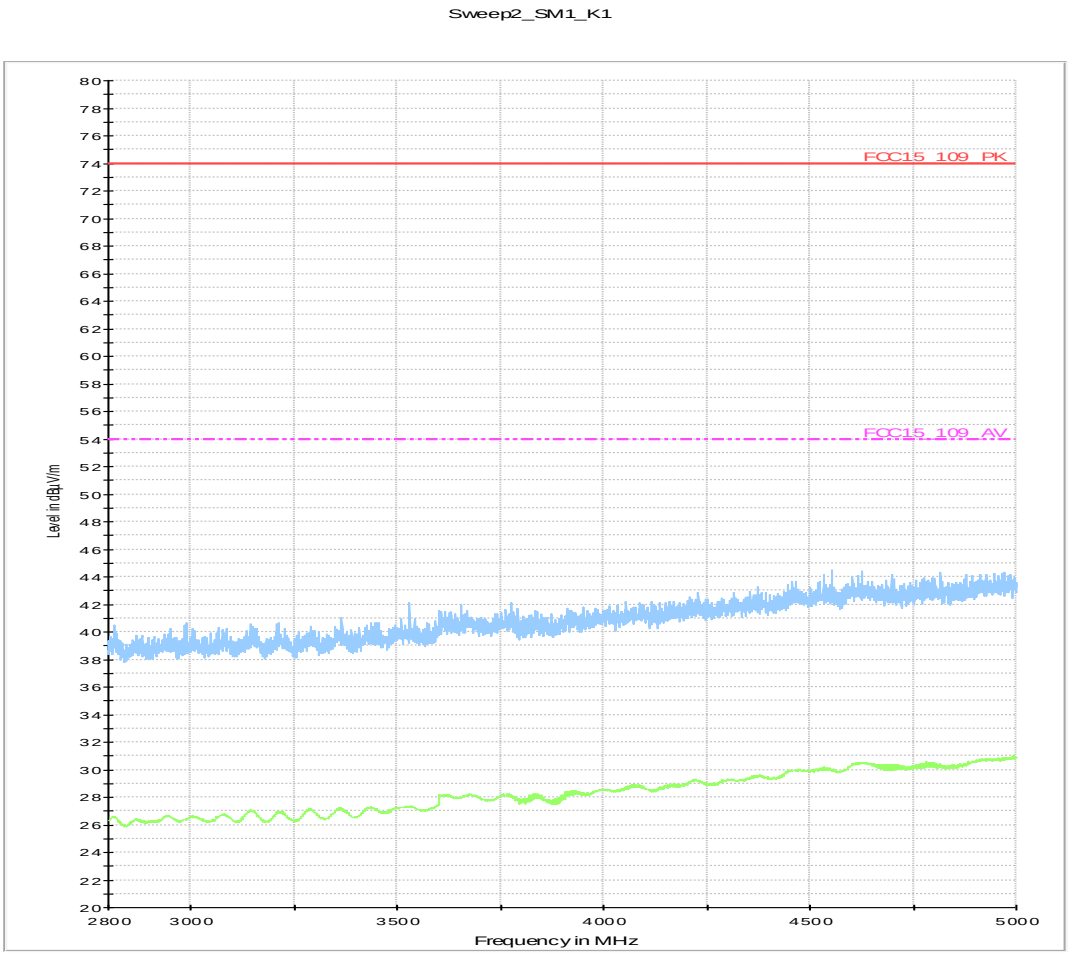
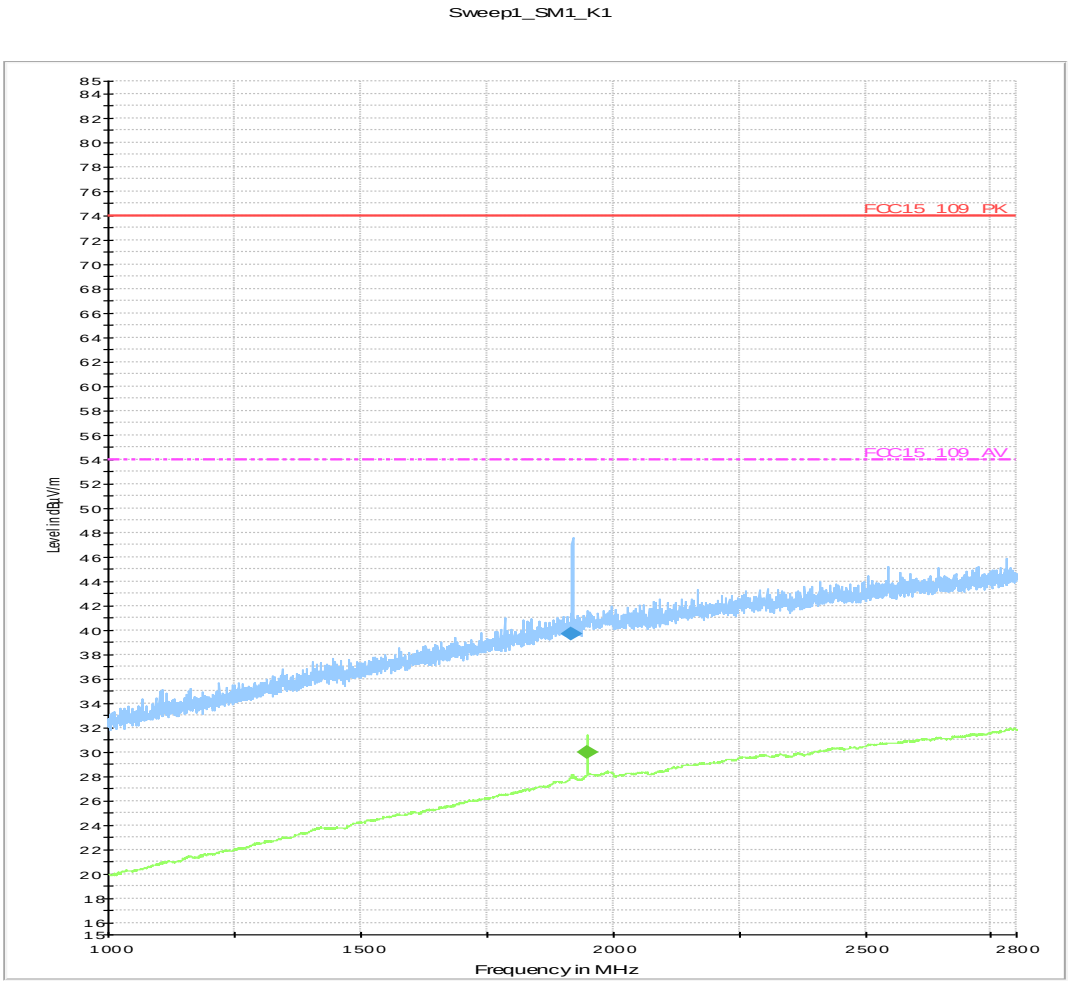


Diagram No. 2.09

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:



Final Result 1

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (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)	Corr. (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:

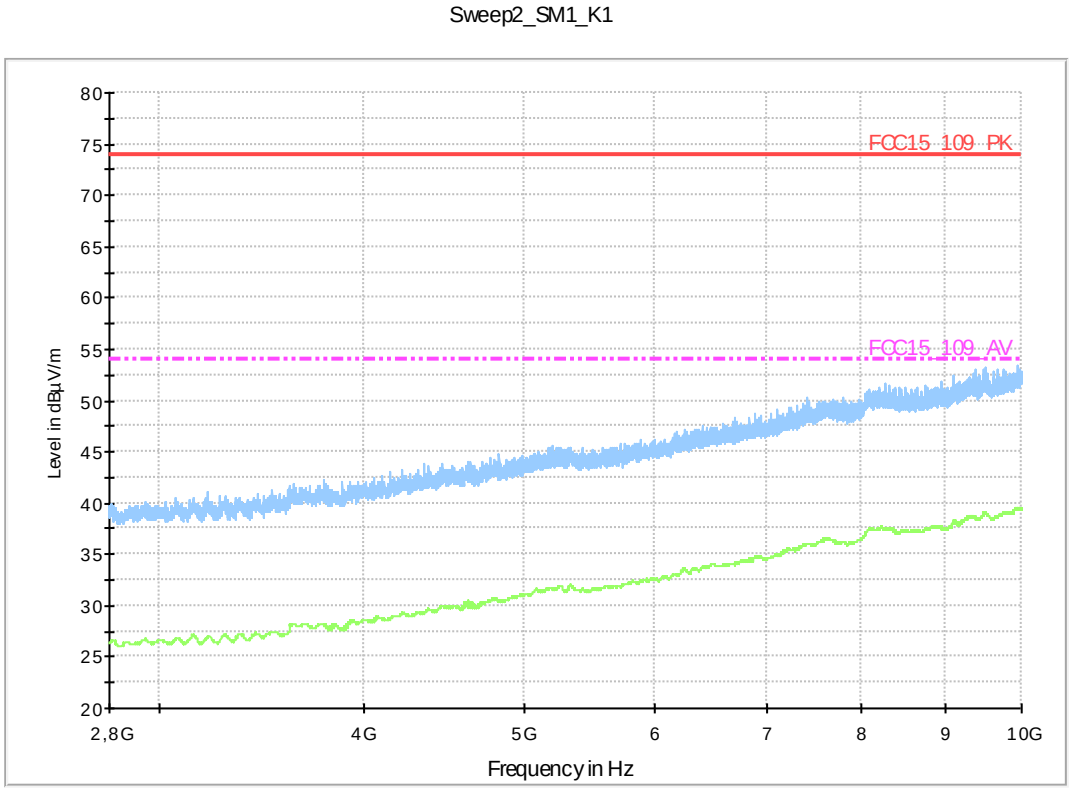


Diagram No. 2.11

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:

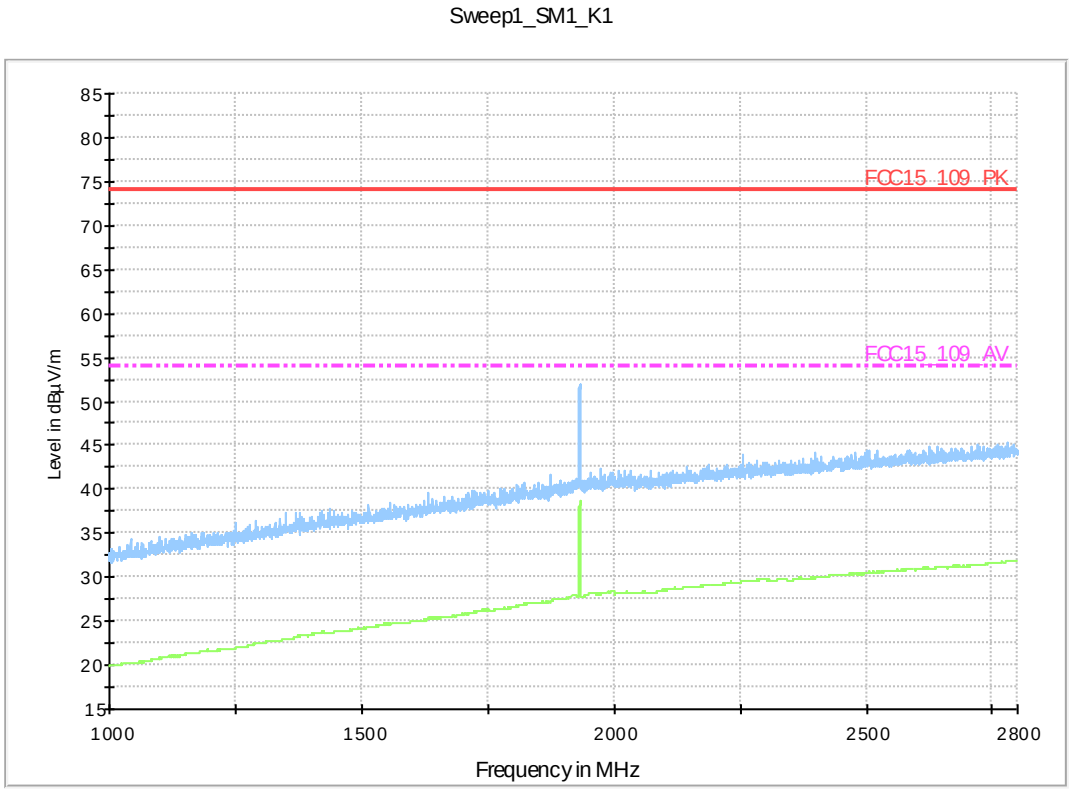


Diagram No. 2.12

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:

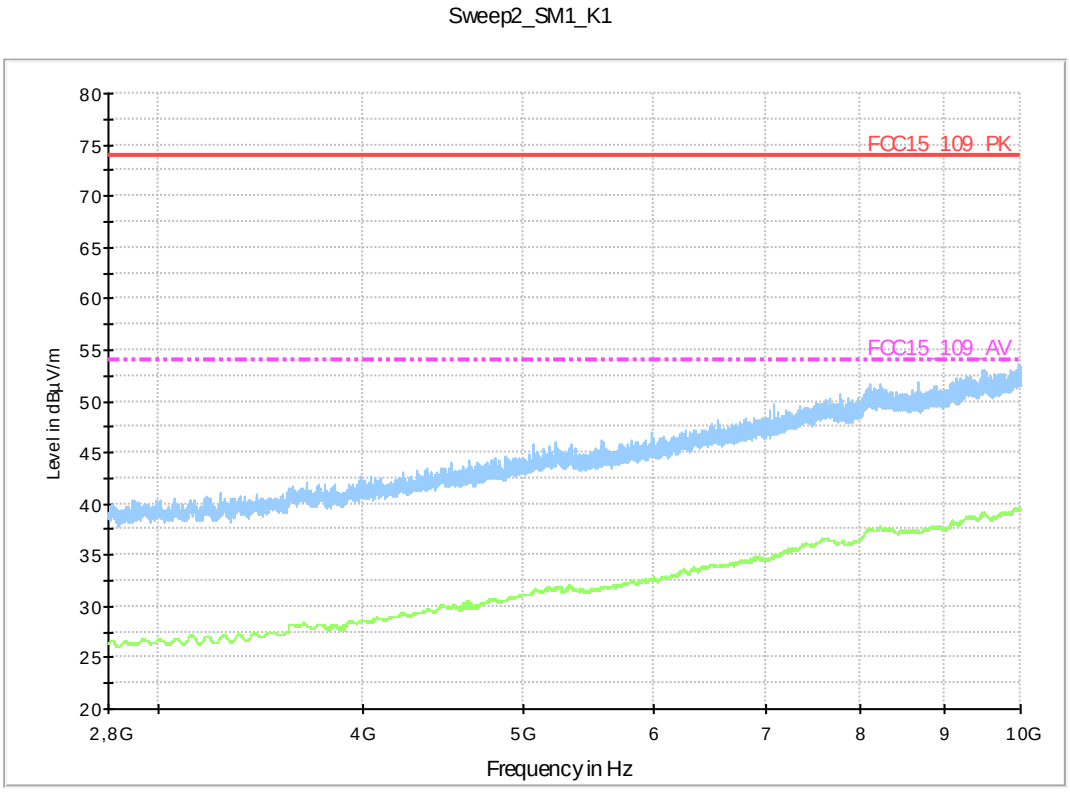
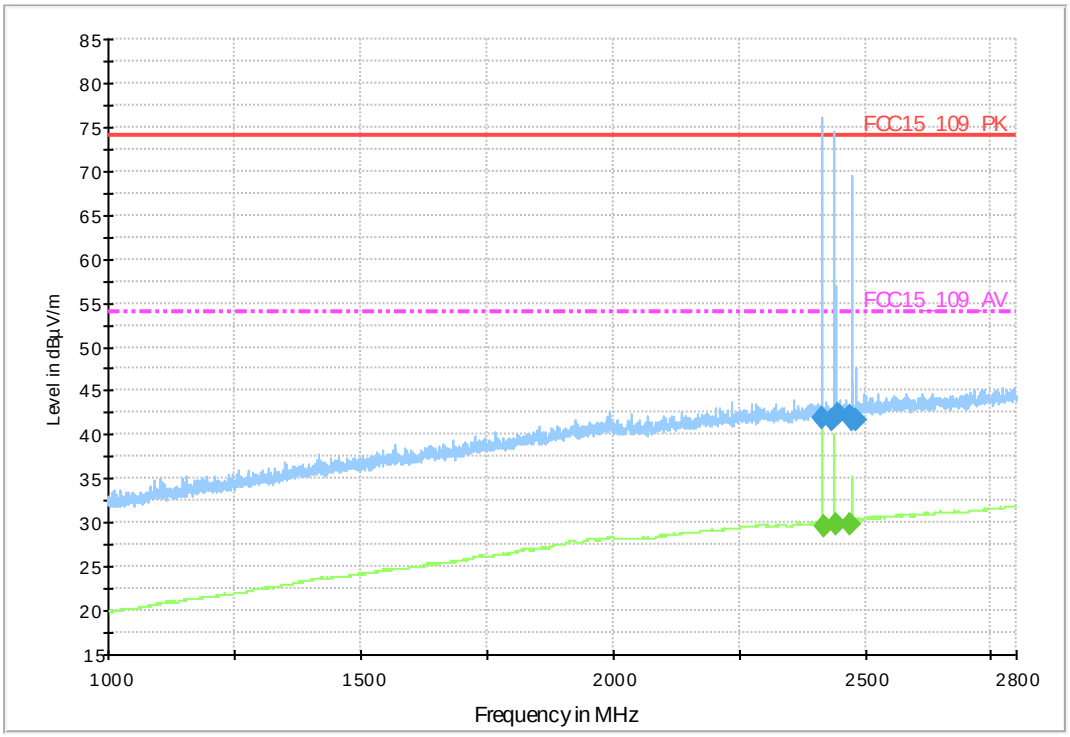


Diagram No. 2.13

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:



Final Result 1

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (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)	Corr. (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

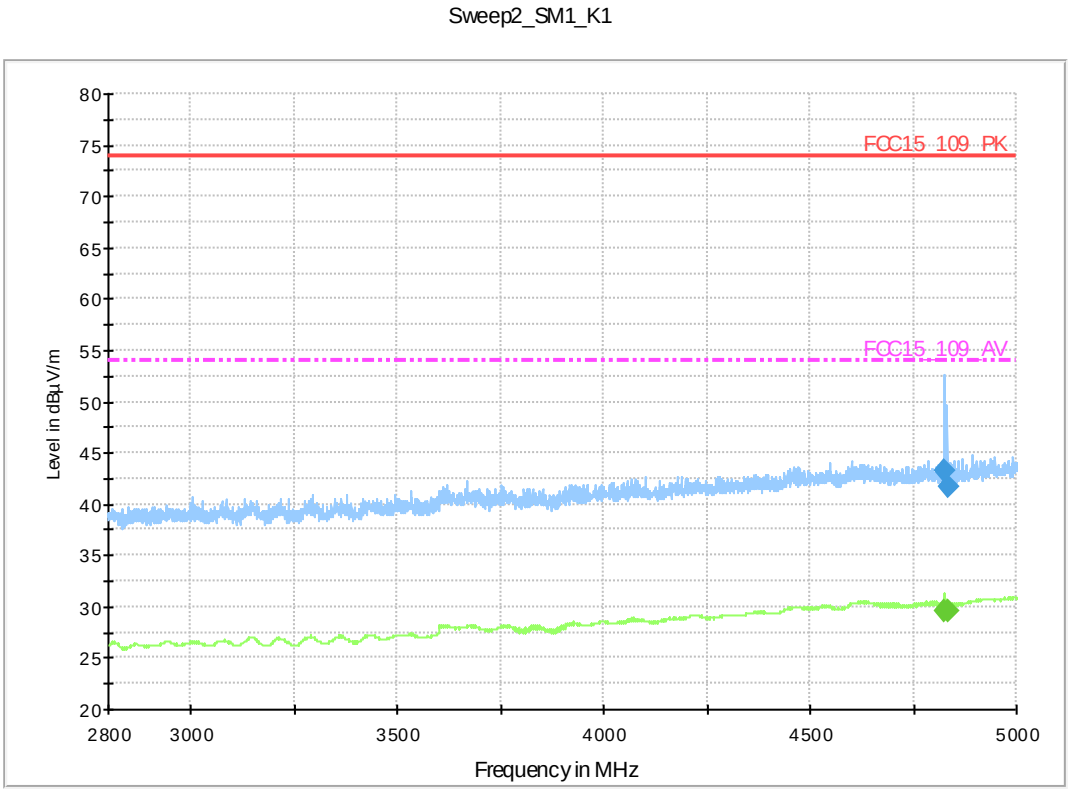
(continuation of the "Final Result 2" table from column 10 ...)

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:



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:

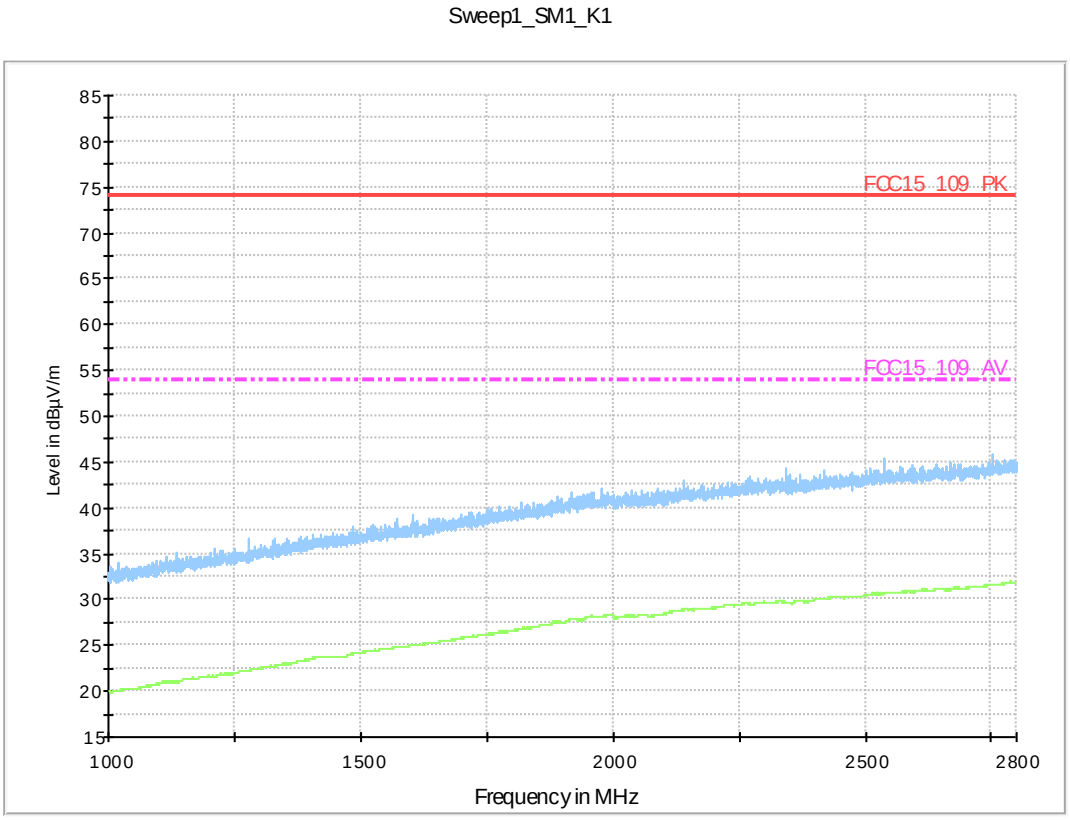


Diagram No. 2.16

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:

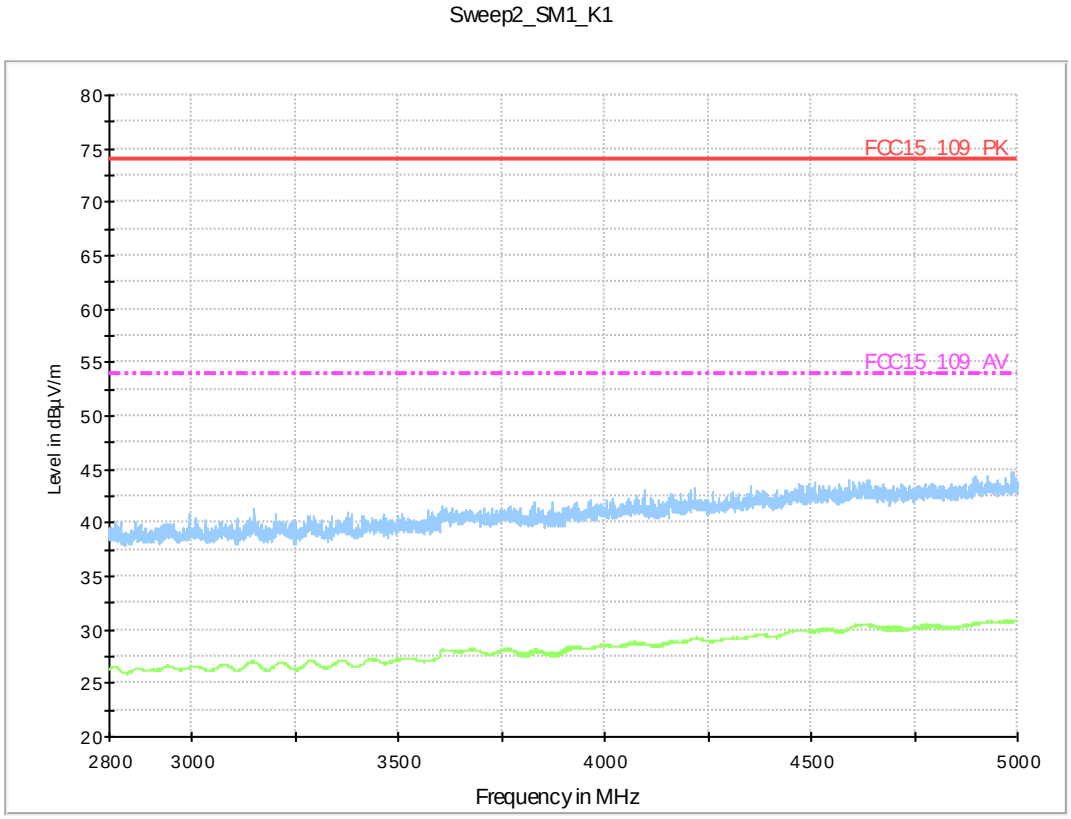


Diagram No. 2.17

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:	

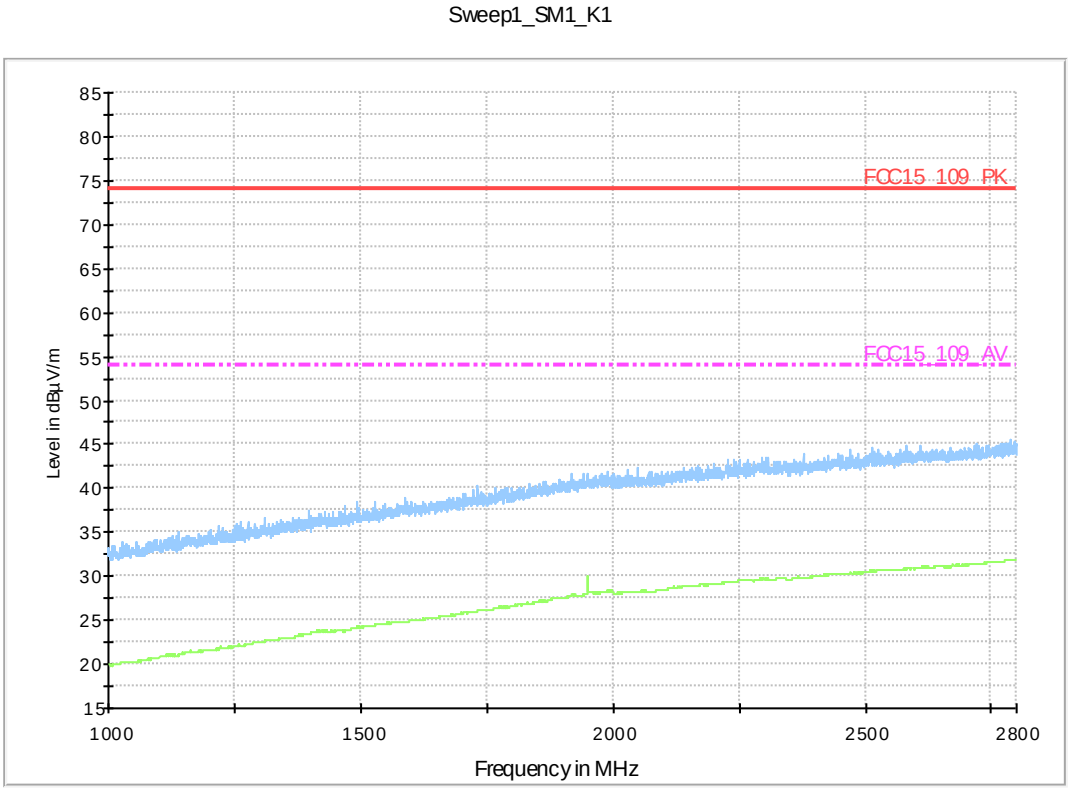
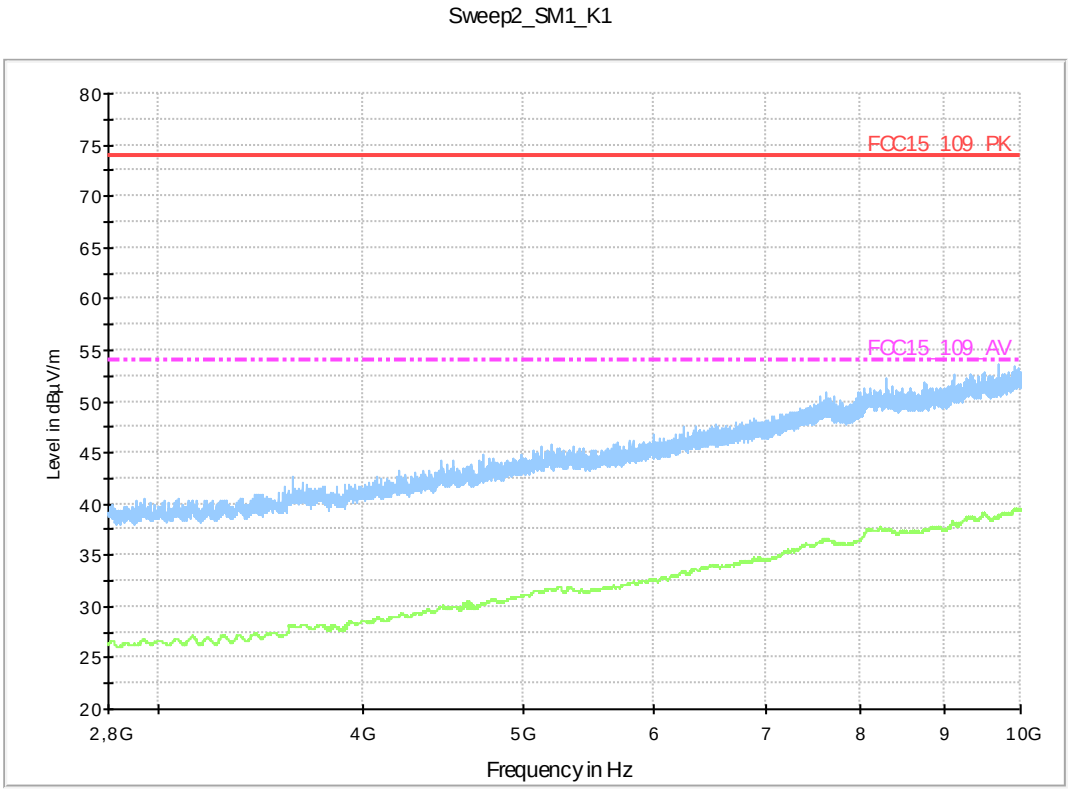


Diagram No. 2.18

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:

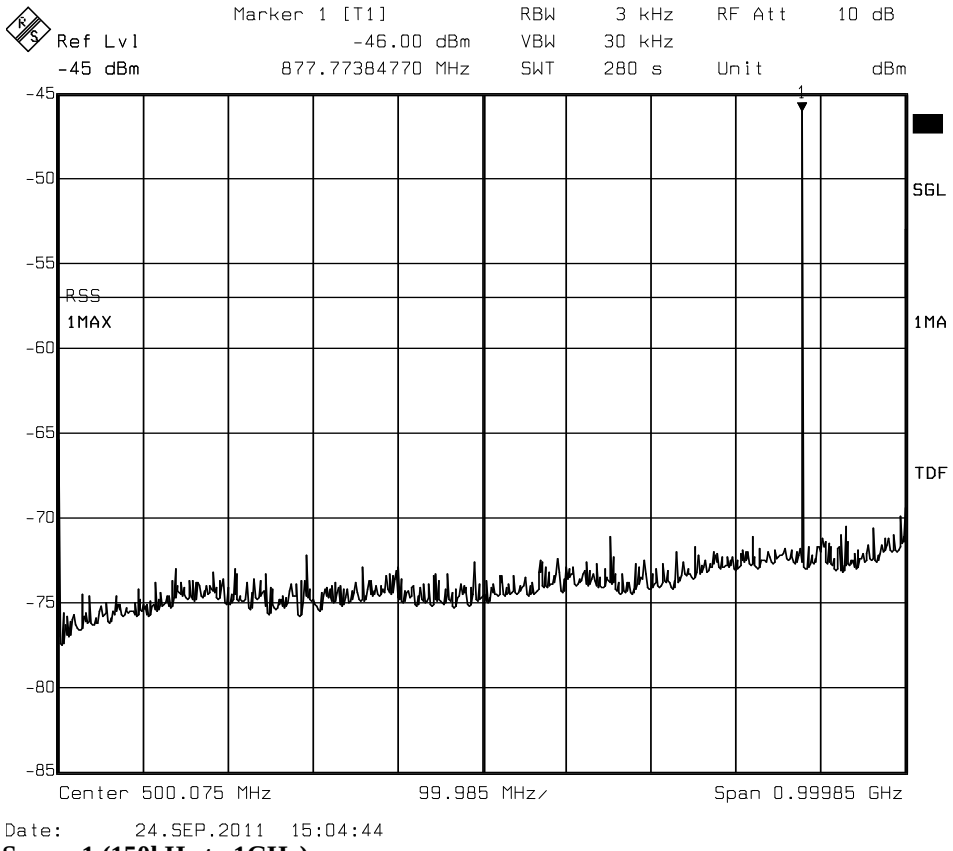


EMI Auto Test Template: Sweep2_SM1_K1

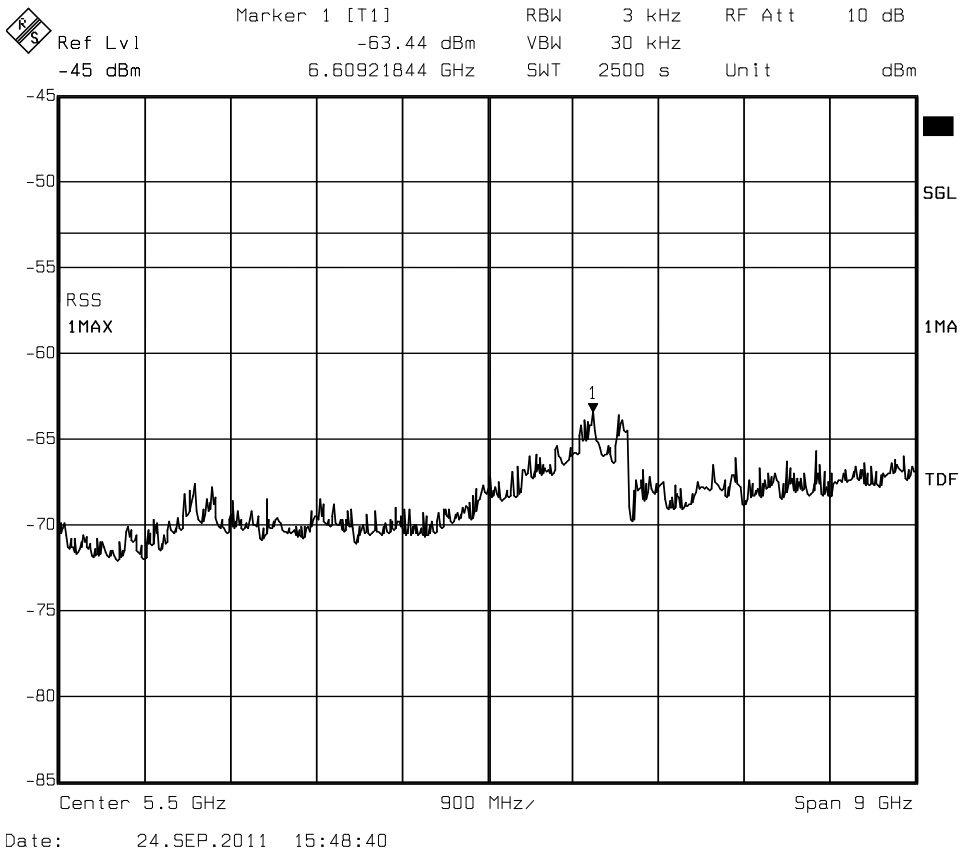
Hardware Setup:	549_dBuVm_PA484_TH3_KP1_ESU
Measurement Type:	E(I)RP
Frequency Range:	2,8 GHz - 10 GHz
Graphics Level Range:	20 dBµV/m - 80 dBµV/m
Preview Measurements:	
Scan Test Template:	Sweep2_pre
Data Reduction:	
Limit Line #1:	FCC15_109_PK
Limit Line #2:	FCC15_109_AV
Peak Search:	6 dB , Maximum 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

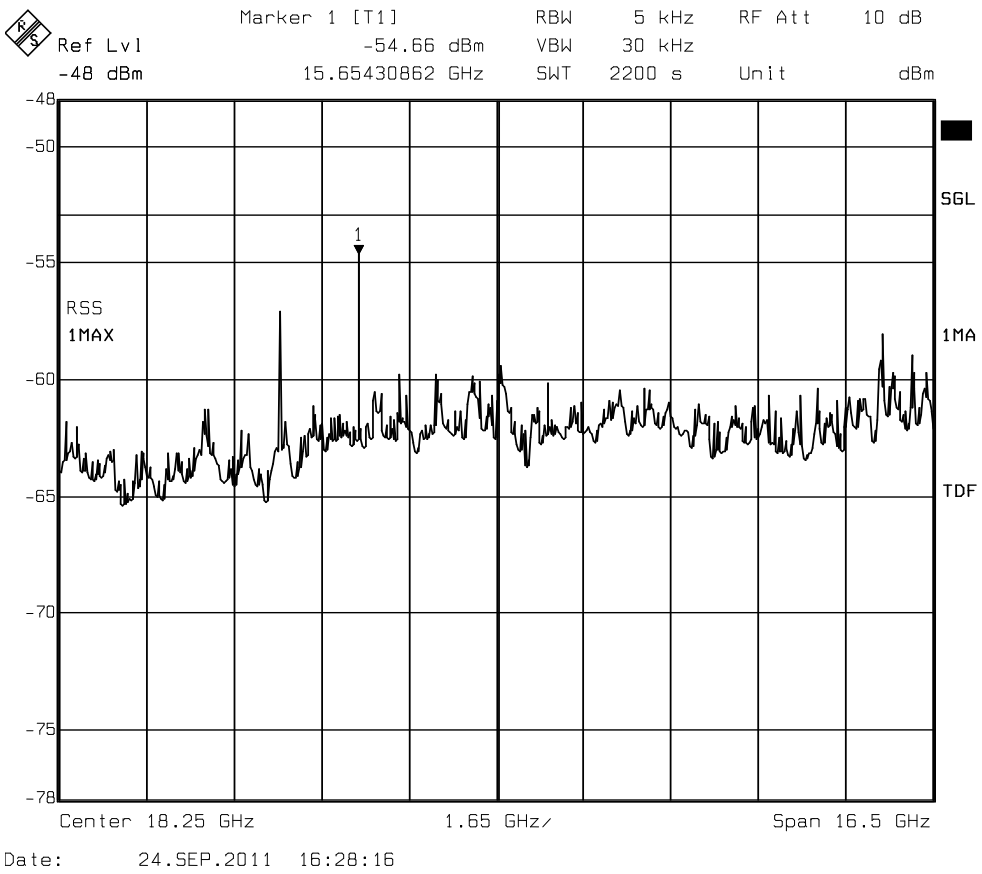
1.4.1. IDLE GSM850



Sweep 1 (150kHz to 1GHz)

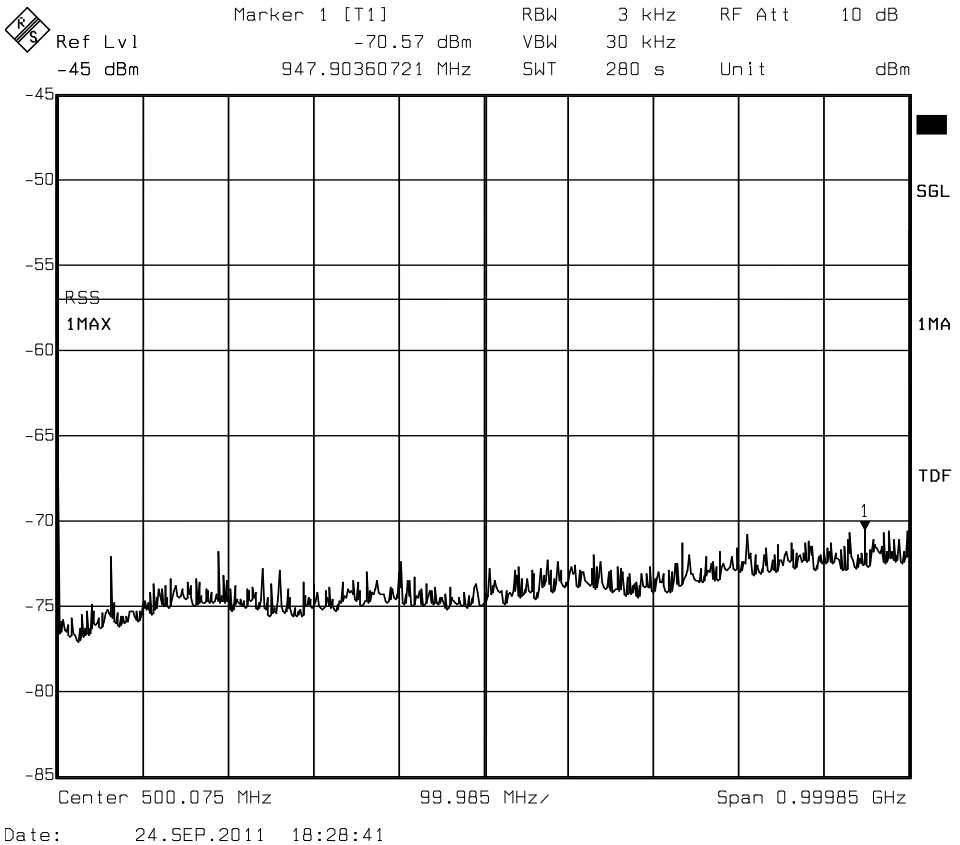


Sweep 2 (1GHz to 10GHz)

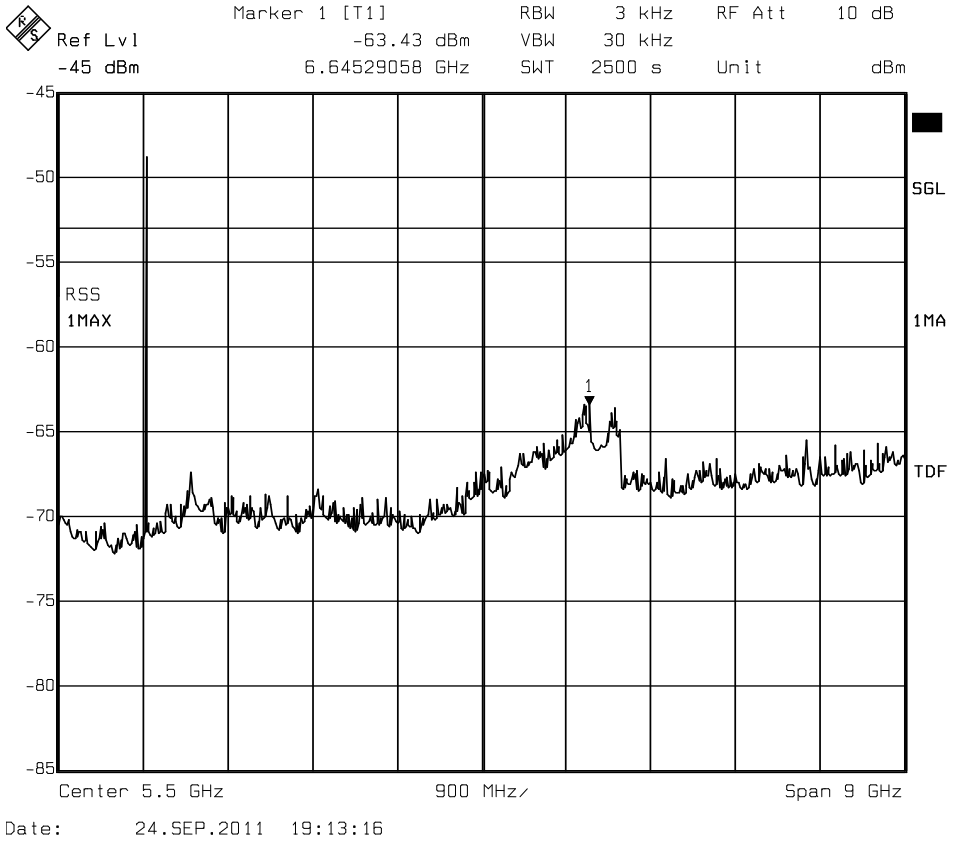


Sweep 3 (10 GHz to 26.5 GHz)

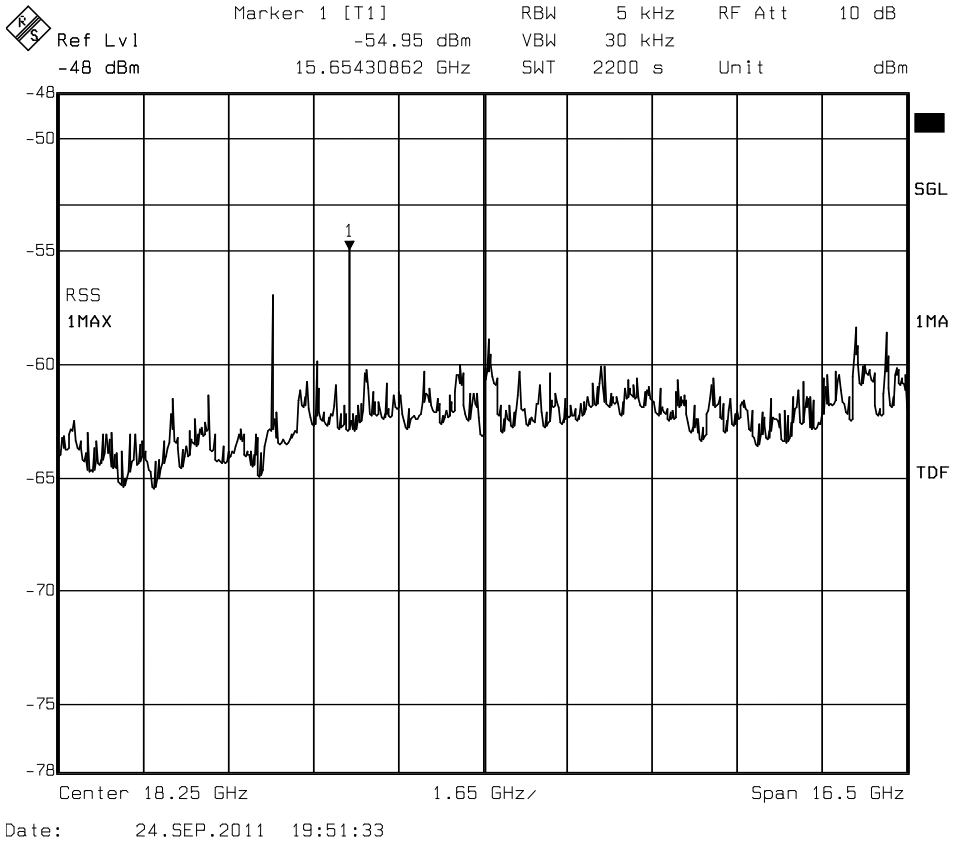
1.4.2. IDLE GSM1900



Sweep 1 (150kHz to 1GHz)

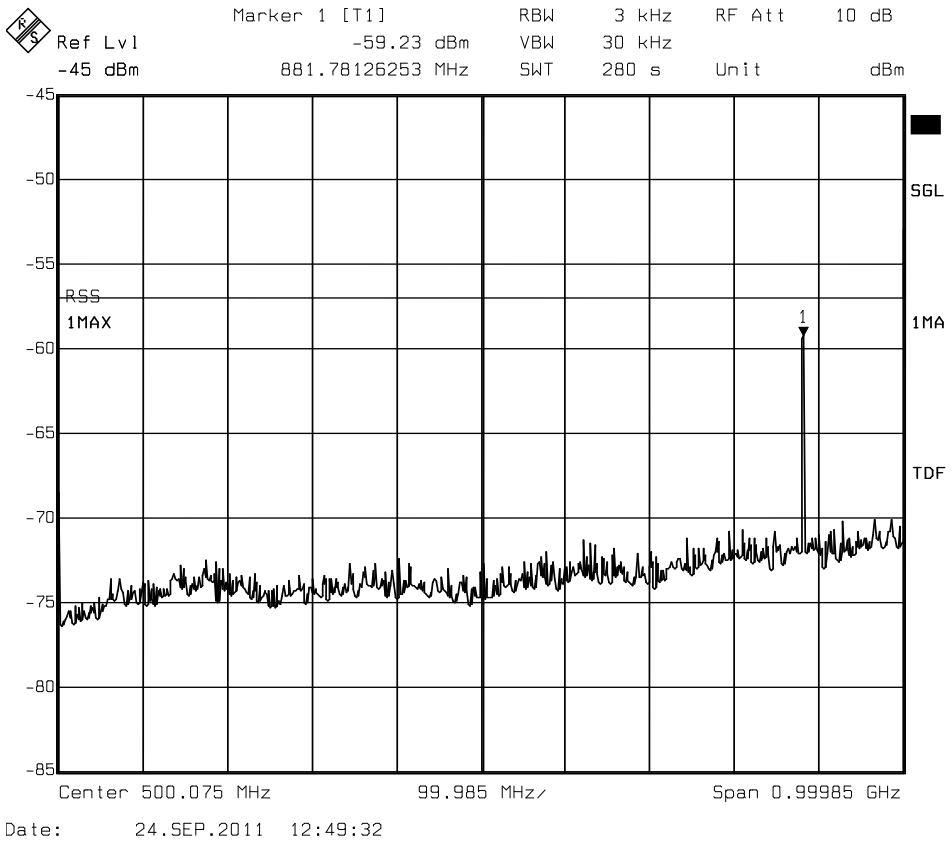


Sweep 2 (1GHz to 10GHz)

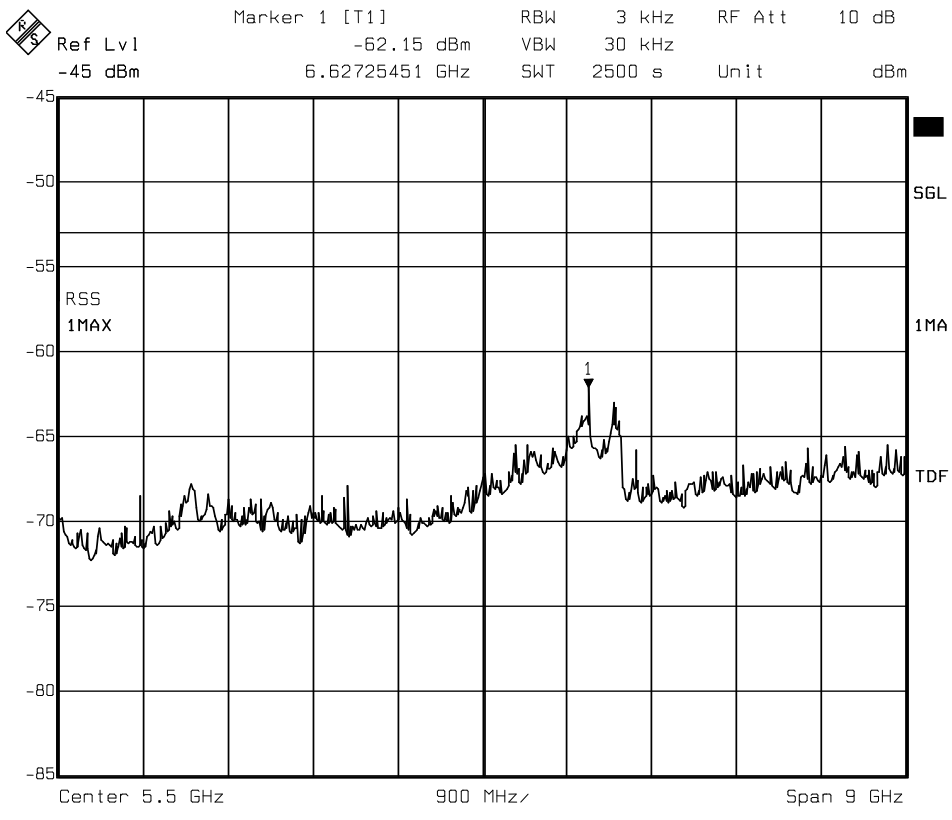


Sweep 3 (10 GHz to 26.5 GHz)

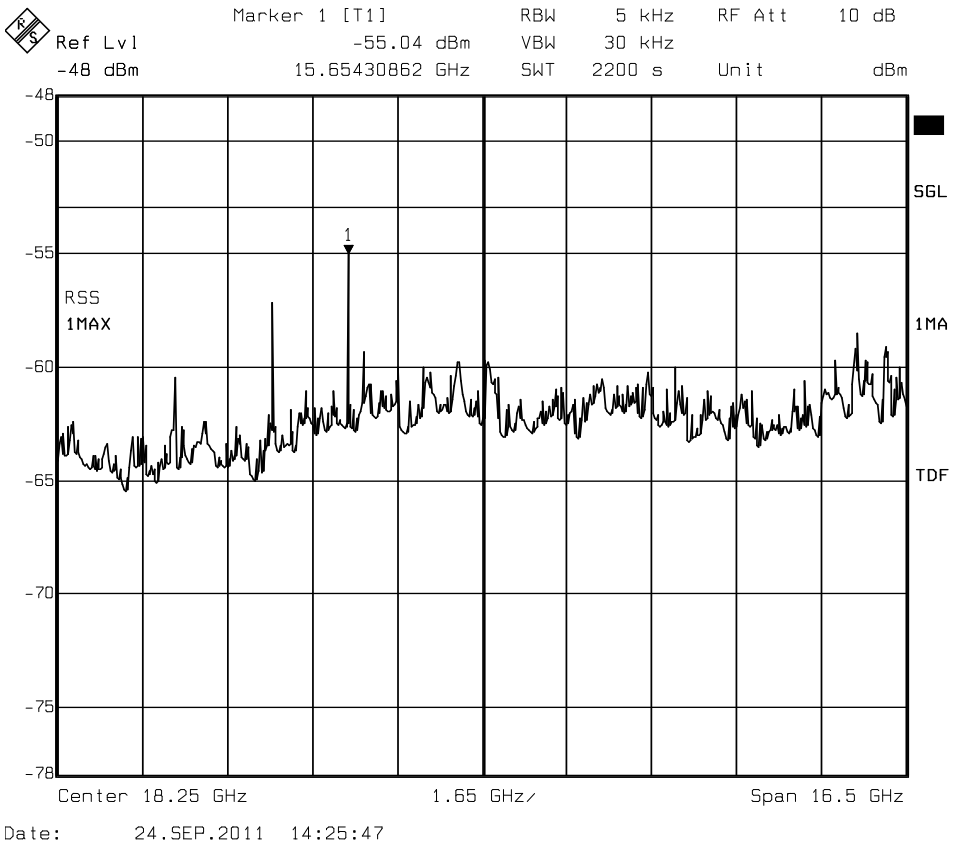
1.4.3. IDLE W-CDMA Band V



Sweep 1 (150kHz to 1GHz)

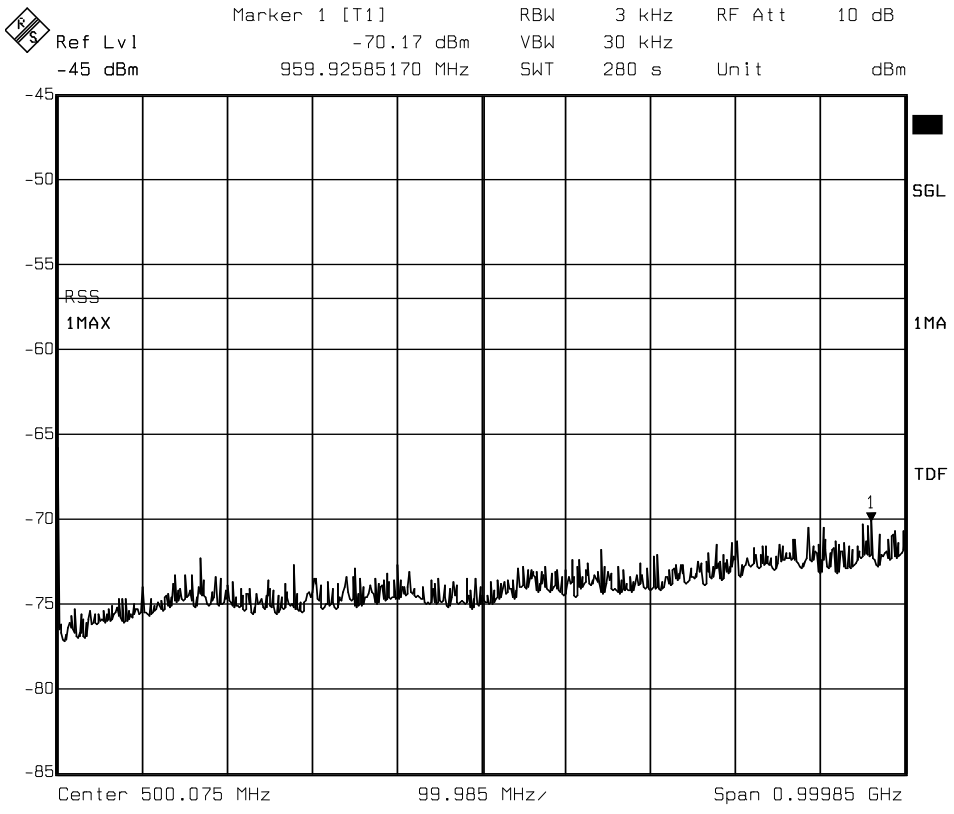


Sweep 2 (1GHz to 10GHz)

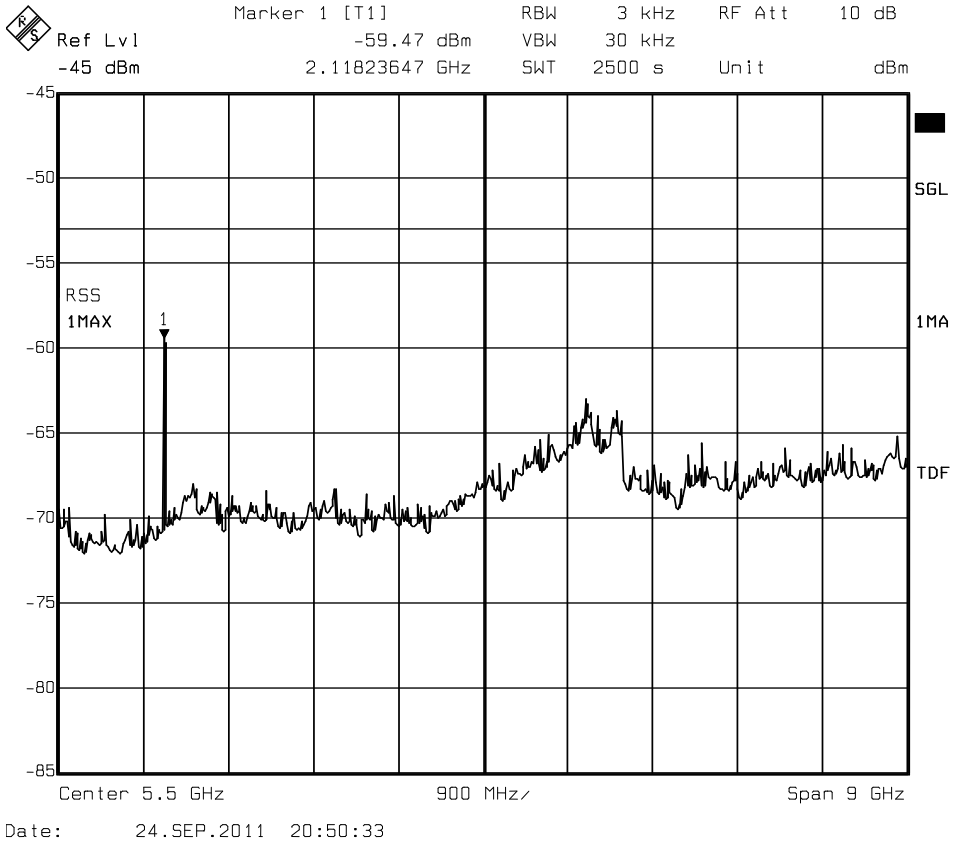


Sweep 3 (10 GHz to 26.5 GHz)

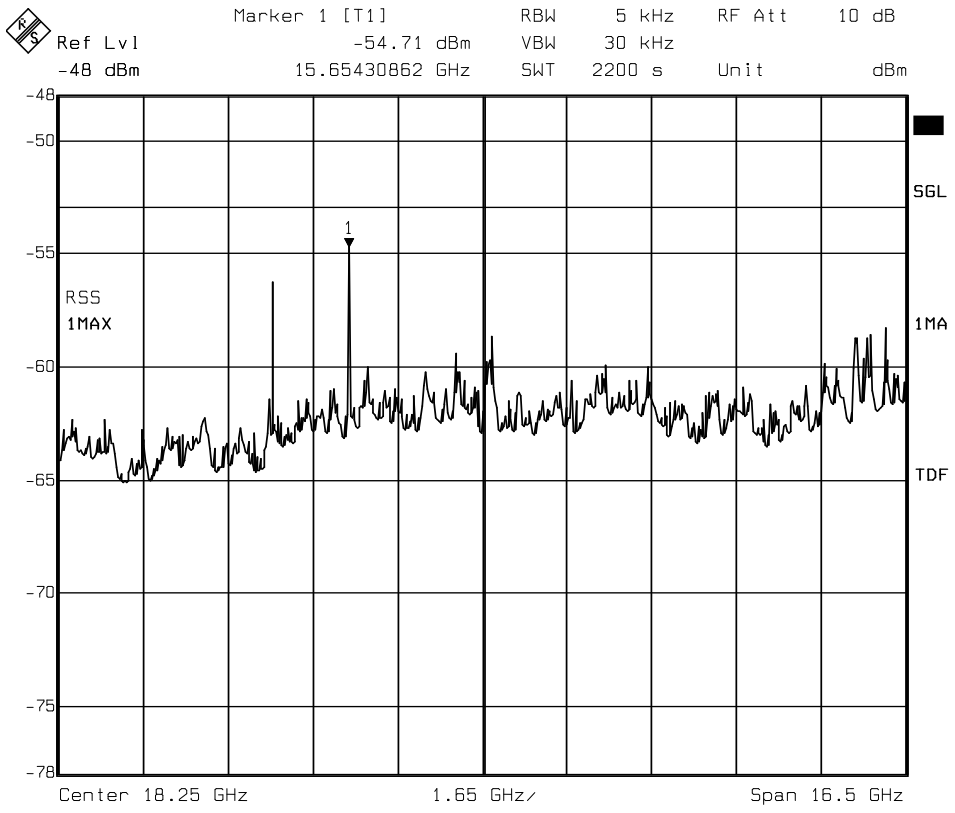
1.4.4. IDLE W-CDMA Band IV



Sweep 1 (150kHz to 1GHz)

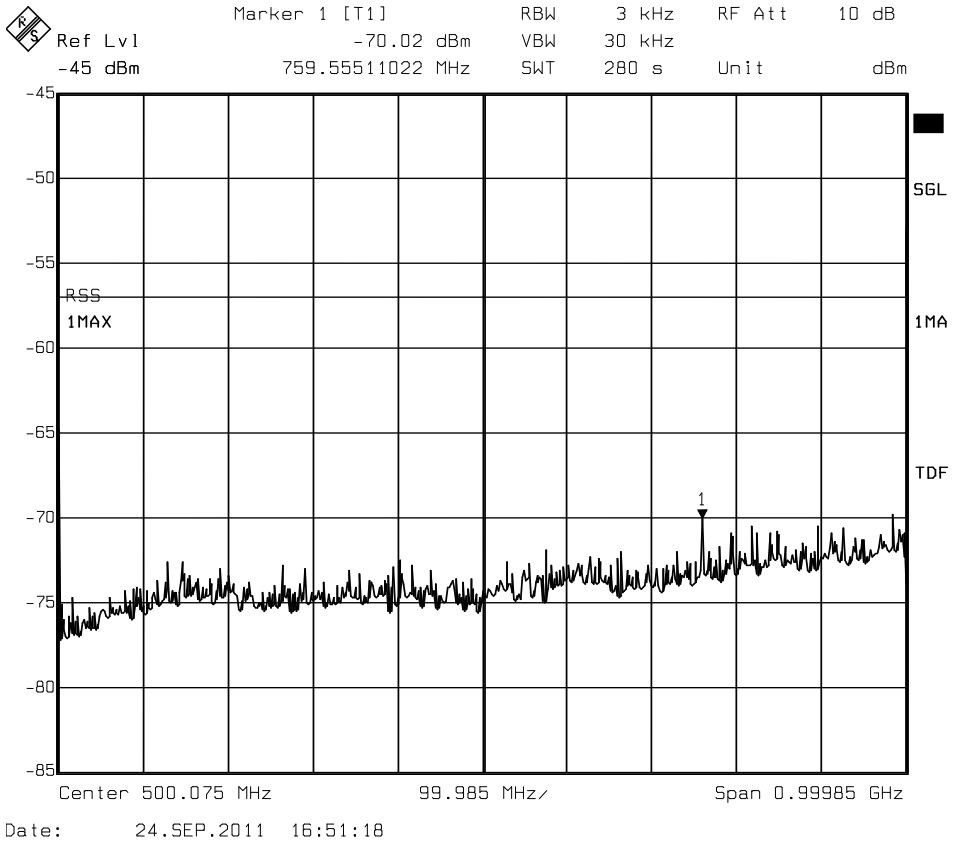


Sweep 2 (1GHz to 10GHz)

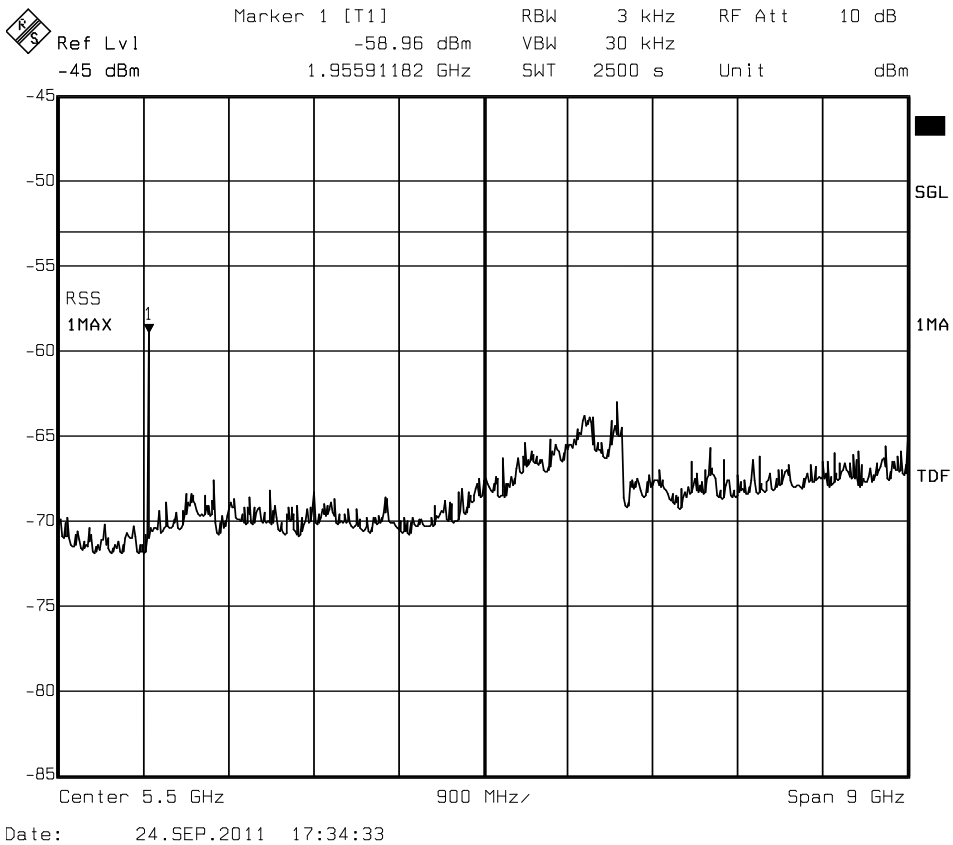


Sweep 3 (10 GHz to 26.5 GHz)

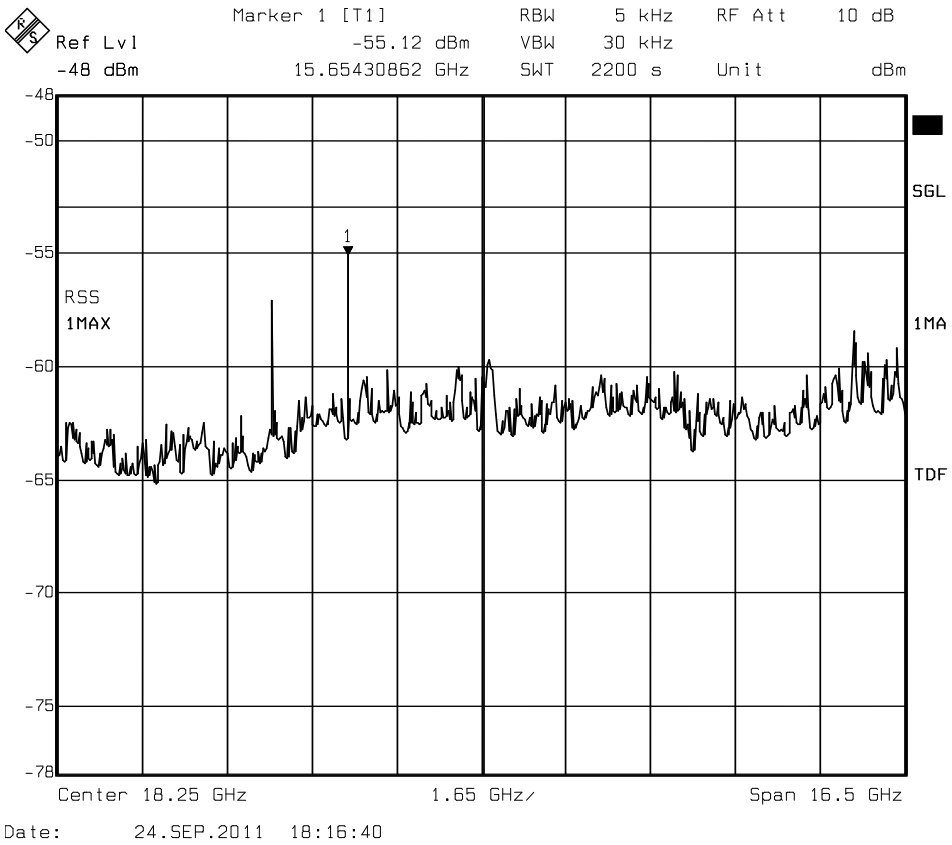
1.4.5. IDLE W-CDMA Band II



Sweep 1 (150kHz to 1GHz)



Sweep 2 (1GHz to 10GHz)



Sweep 3 (10 GHz to 26.5 GHz)