

Annex 1: Measurement diagrams
to
TEST REPORT
No. 2-20789055e/10

According to:
FCC Regulations
Part 15.209 & 15.247
IC Regulations
RSS-210, Issue 7
RSS-Gen, Issue 2

for
Everon Oy/AB

Base URG-BAS-002
+ Battery pack URG-BAT-002
FCC ID: YLO201002
IC: 9150A-201002





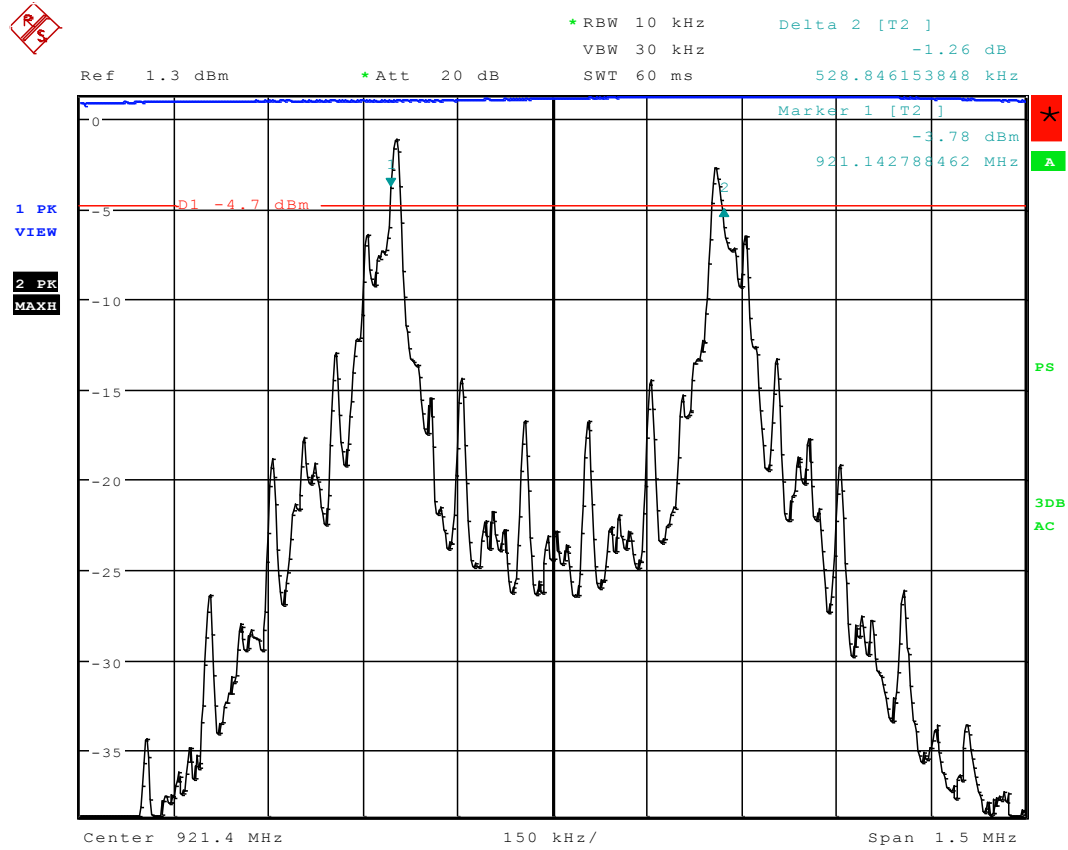
Laboratory Accreditation and Listings			
 Deutscher Akkreditierungs Rat DGA-PL-176/94-03	 Reg. No.: 99538 MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-1 3462D-2	 Reg. No.: R-2665, R-2666 C-2914, T-339
accredited according to DIN EN ISO/IEC 17025			
<p align="center">CETECOM GmbH Laboratory Radio Communications & 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.de • Internet: www.cetecom.com</p>			

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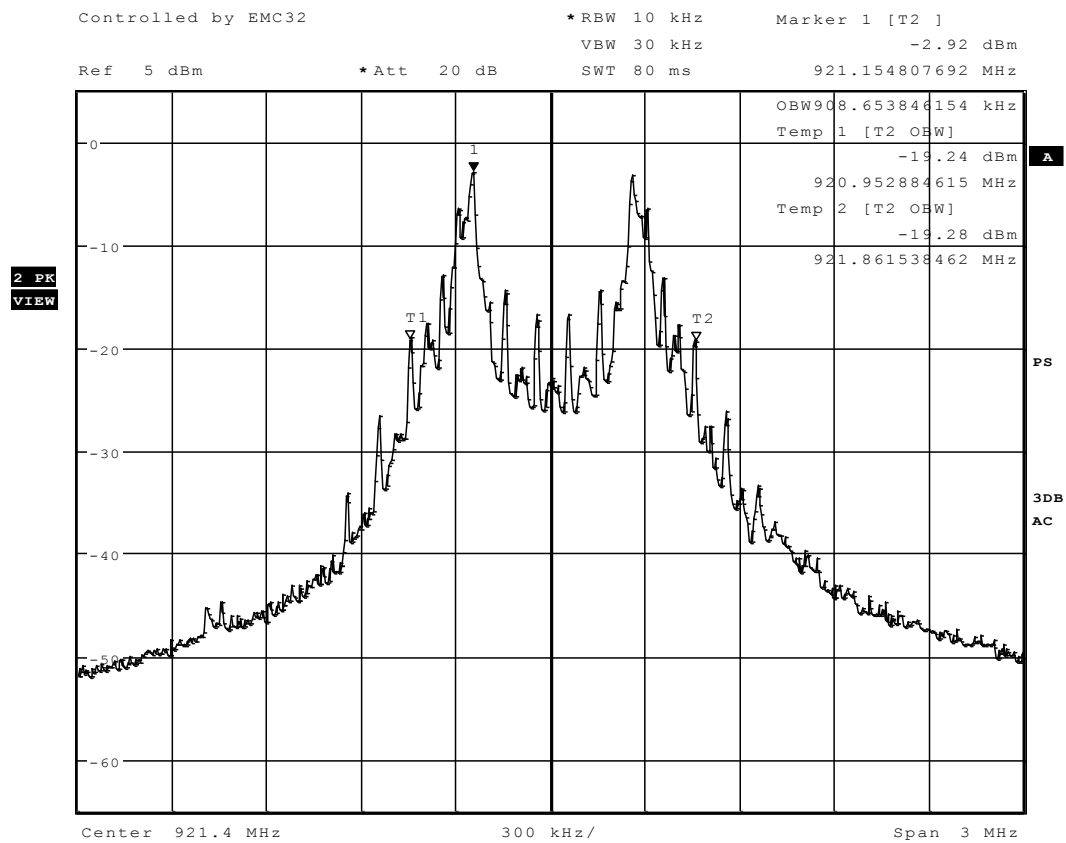
1. Summary of test results

1.1. Measurement: 6-dB bandwidth



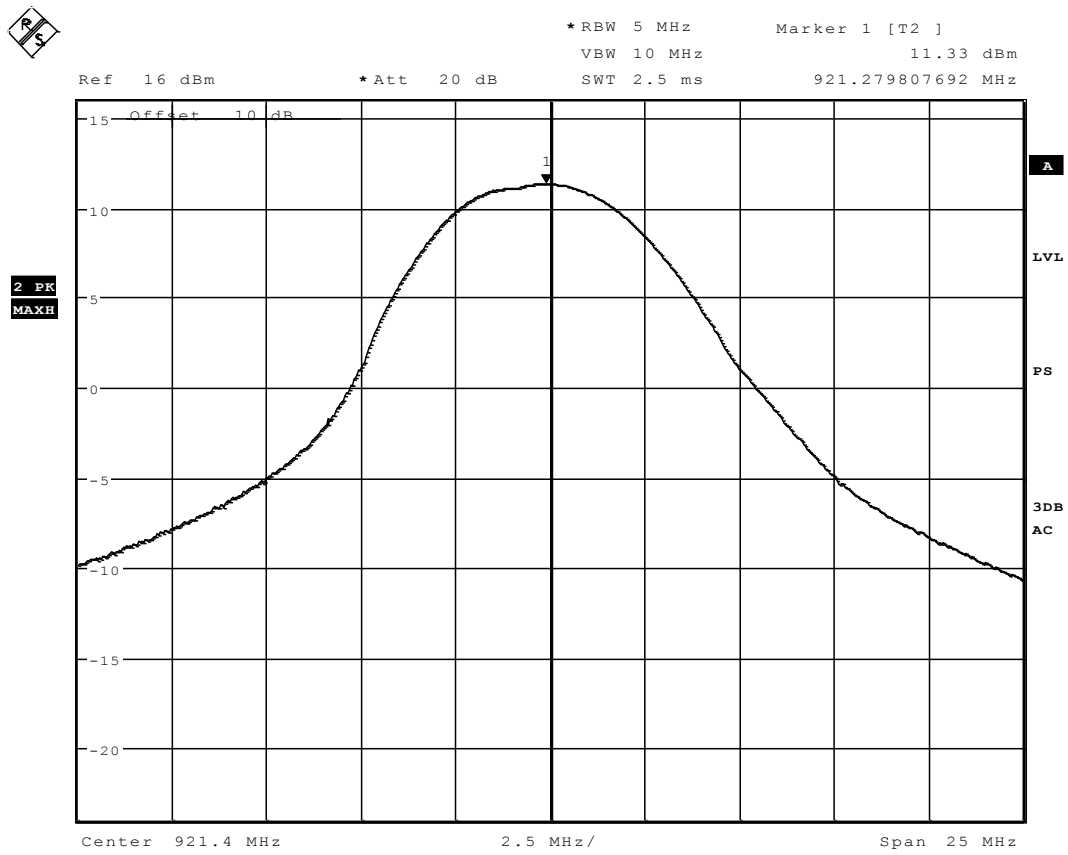
Date: 29.JUL.2010 11:39:43

1.2. Measurement: 99% bandwidth



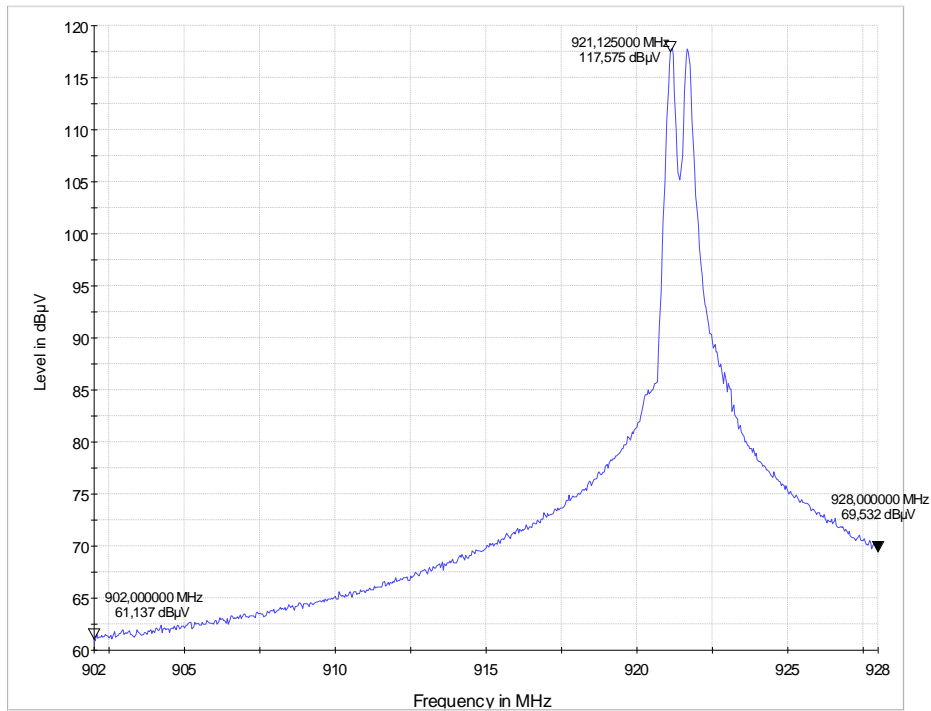
Date: 29.JUL.2010 15:32:42

1.3. Measurements: Transmitter output power, conducted

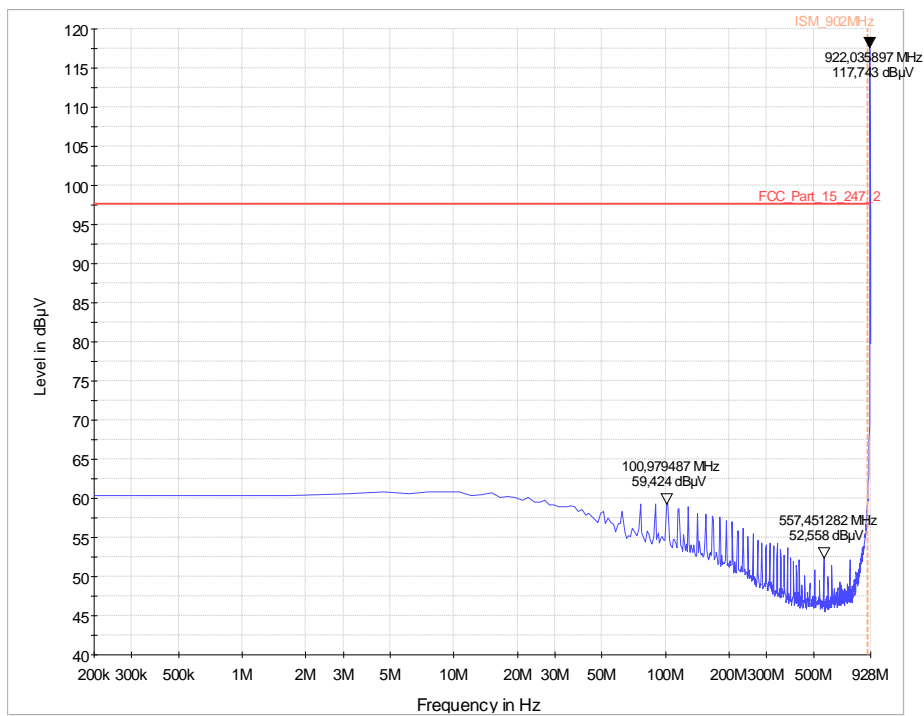


Date: 29.JUL.2010 11:53:41

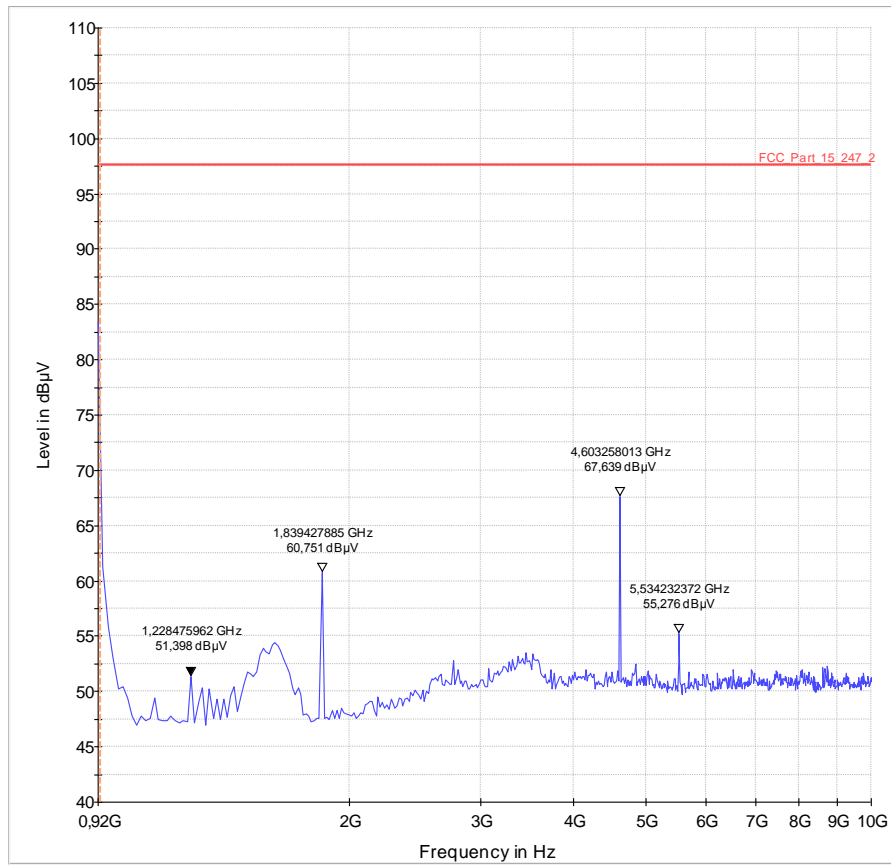
1.4. Measurements: Out-Of-Band 20dBc emissions, conducted



Sweep 1: Carrier reference value

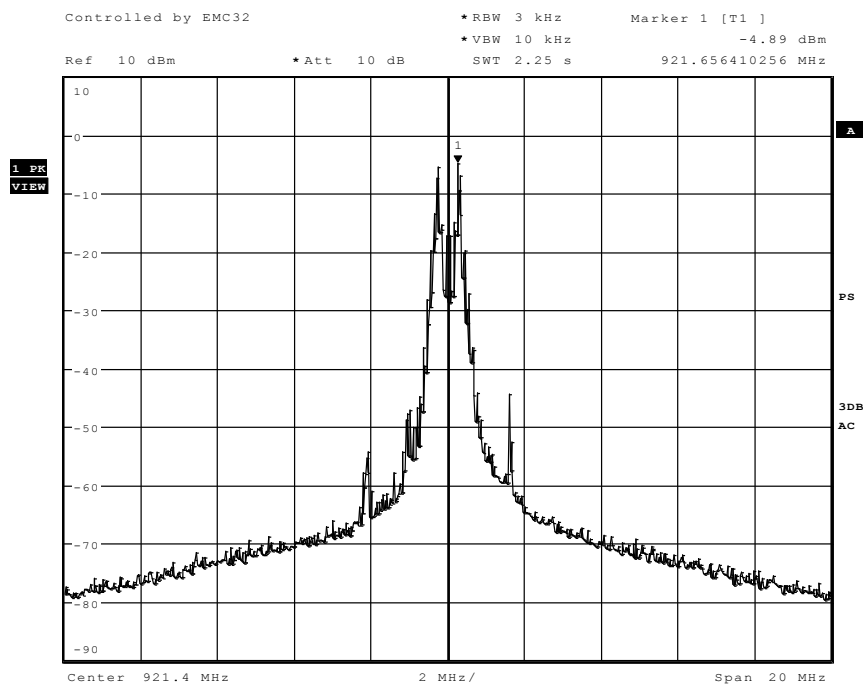


Sweep 2



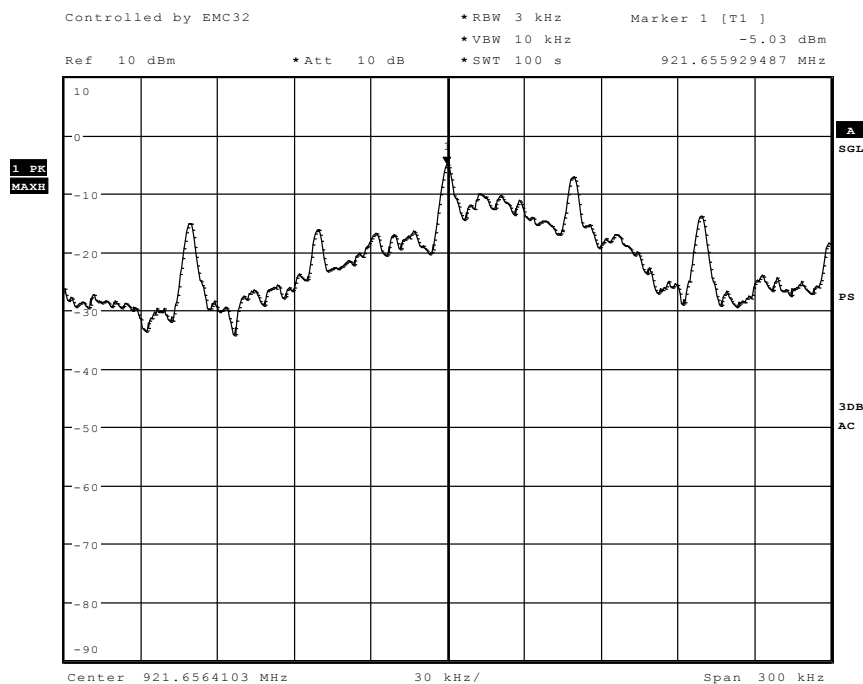
Sweep 3

1.5. Measurements: Power spectral density



Date: 29.JUL.2010 14:05:14

Step 1 accord. ANSI 63.10, chapter 6.11.2.3



Date: 29.JUL.2010 14:10:43

Step 1 accord. ANSI 63.10, chapter 6.11.2.3

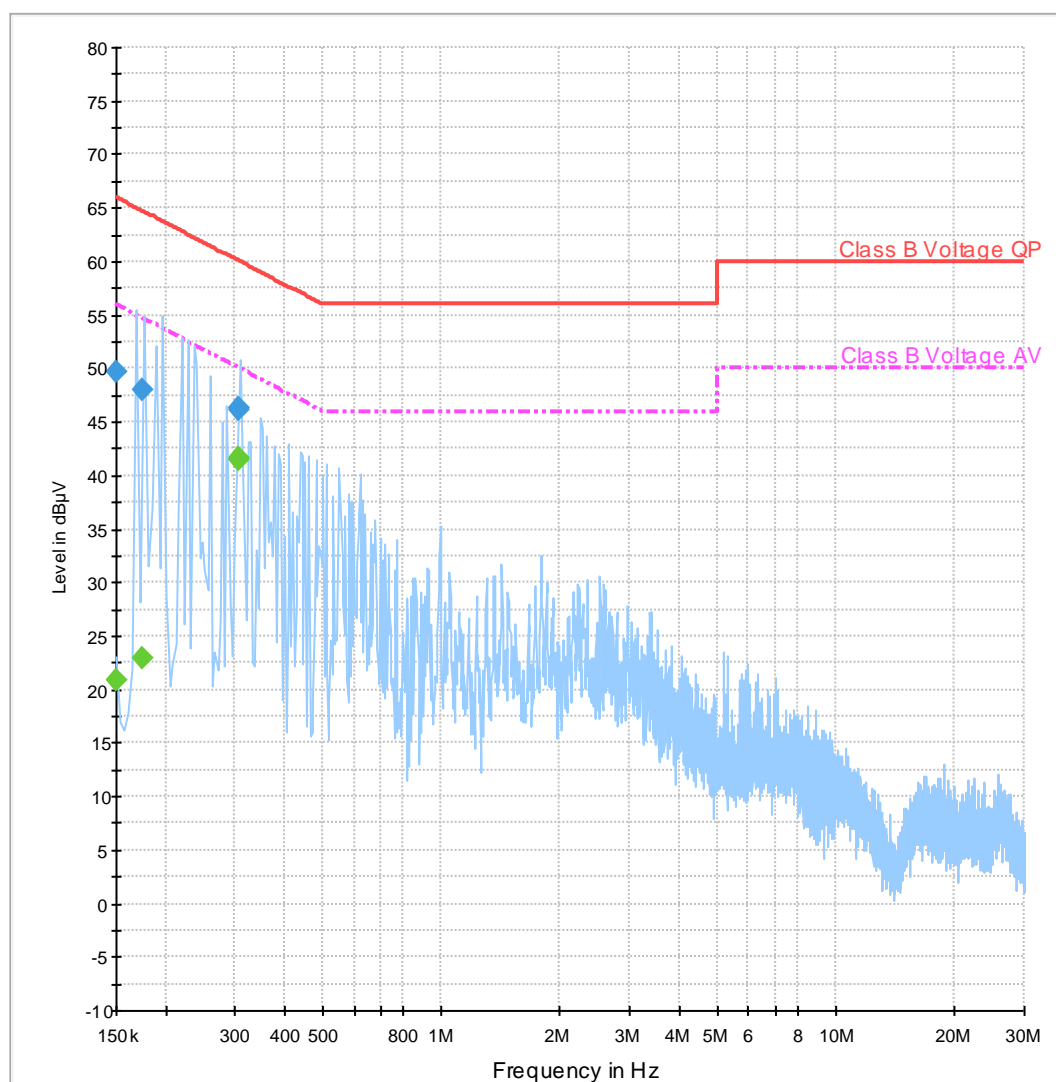
1.6. Measurements: Emissions on AC-mains accord. §15.207

Diagram No. 1.01

Common Information

Test Description:	Conducted Voltage Measurement Class B
Testspecification:	EN 55011, EN 55022, FCC 15.207, VCCI TR (see Report for more details)
Measurement Receiver:	R&S ESCS 30, Ser.-Nr. 100160, Ref.-Nr. 377
Scan Mode:	EMC 32, automatic scan mode, repetitive scan, maxhold mode
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operators name:	X_Ken
EUT:	Homebase (TX-Mode) + AC/DC Adaptor
Manufacturer:	EVERON
Operating Conditions:	TX-Mode
Measurement on line:	Mains AC L1 and N
Power during the test :	110V AC 60 Hz
Comment 1:	Homebase S/N: 10-20-03-X4-01004295
Comment 2:	

01_Class B_Voltage_PK_CPAV_N_L1



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	49.6	15000.0	9.000	GND	N	0.0	16.4	66.0
0.174375	48.1	15000.0	9.000	GND	L1	0.0	16.6	64.7
0.307656	46.2	15000.0	9.000	Local	Local	0.0	13.8	60.0
0.307656	46.3	15000.0	9.000	GND	L1	0.0	13.7	60.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	20.8	15000.0	9.000	GND	N	0.0	35.2	56.0
0.174375	22.9	15000.0	9.000	GND	L1	0.0	31.8	54.7
0.307656	41.5	15000.0	9.000	Local	Local	0.0	8.5	50.0
0.307656	41.6	15000.0	9.000	GND	L1	0.0	8.4	50.0

Templates and settings of EMC32 V8.30.10**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: -10 dBμV - 80 dBμV

Preview Measurements:
 Scan Test Template: 02_Class B pre_PK_fast

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
150 kHz - 30 MHz	MaxPeak	9 kHz	0,00005 s	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	Detectors	IF Bandwidth	Meas. Time	Receiver
150 kHz - 30 MHz	MaxPeak	9 kHz	0,1 s	Receiver [ESCS 30]

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

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
150 kHz - 30 MHz	QuasiPeak; CAverage	9 kHz	15 s	Receiver [ESCS 30]

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

Actions:
 Test stop
 Notify: "End of Test"

1.7. Measurements: General field strength emissions accord. §15.205 & §15.209

1.7.1. Field strength emissions in the frequency range 9kHz to 30MHz

Diagram No. 3.01

Common Information

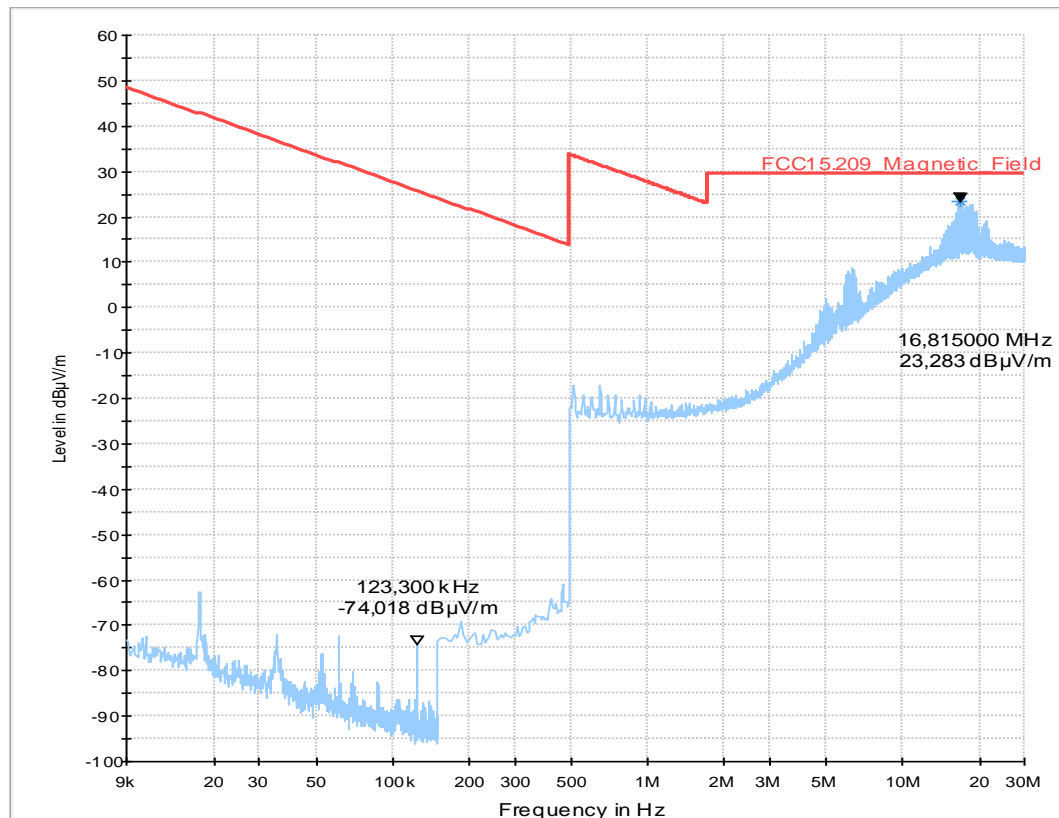
Test description:	Magnetic Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Turntable step:	90° during pre-scan
Used filter:	bypass
Test specification.:	FCC 15.205 § 15.209

Operator:	Lor
Operating conditions:	TX-on
Comment 1:	Ch. 921.4MHz

EUT Information

Description:	
EUT Name:	Base URG-BAS-002 + AC/DC Adaptor
Manufacturer:	Everon
S/N:	Base(10-22-03-X4-01004304)

FCC15.209_magn hor+vert



EMI Auto Test Template: FCC15.209_magn hor+vert

Hardware Setup: HW25_FCC15109_ESCS_MgFeld_ohne_SAR_MATRIX
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 9 kHz - 30 MHz
 Graphics Level Range: -100 dBµV/m - 50 dBµV/m

Preview Measurements:
 Antenna height: 1000 - 1000 cm , Step Size = 0 cm , Speed = 1
 Polarization: H + V
 Turntable position: 35 - 305 deg , Step Size = 90 deg , Speed = 5
 Scan Test Template: 01_FCC_MG_FELD_PK_FAST_H&V_EUT

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	MaxPeak	200 Hz	0,01 s	Receiver 1 [ESS]
150 kHz - 30 MHz	MaxPeak	10 kHz	0,01 s	Receiver 1 [ESS]

Data Reduction:
 Limit Line #1: FCC15.209_Magnetic_Field
 Peak Search: 20 dB , Maximum Results: 10
 Subrange Maxima: 10 Subranges , Maxima per Subrange: 1
 Acceptance Offset: -10 dB
 Maximum Number of Results: 20

Adjustment:
 Antenna height: Adjustment with full Range , Speed = 1
 Turntable position: Adjustment with full Range , Speed = 1
 Template for Single Meas.: 01_FCC_MG_FELD_PK_FAST_H&V_EUT

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	MaxPeak	200 Hz	0,01 s	Receiver 1 [ESS]
150 kHz - 30 MHz	MaxPeak	10 kHz	0,01 s	Receiver 1 [ESS]

Final Measurements:
 Template for Single Meas.: 02_FCC_MG_FELD_QP_final_H&V_EUT

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	QuasiPeak	200 Hz	1 s	Receiver 1 [ESS]
150 kHz - 30 MHz	QuasiPeak	10 kHz	1 s	Receiver 1 [ESS]

Report Settings:
 Report Template: FCC15_209_magn_vert_hor
 Create Electronic Report: PDF
 Document Name: EMI Report

Actions:
 Data Reduction: Before
 Notify: Sound (WAV file) 'tada.wav'
 Final Measurements: After
 Notify: Sound (WAV file) 'tada.wav'

1.7.2. Field strength emissions in the frequency range 30MHz to 1GHz

Diagram No. 2.01

Common Information

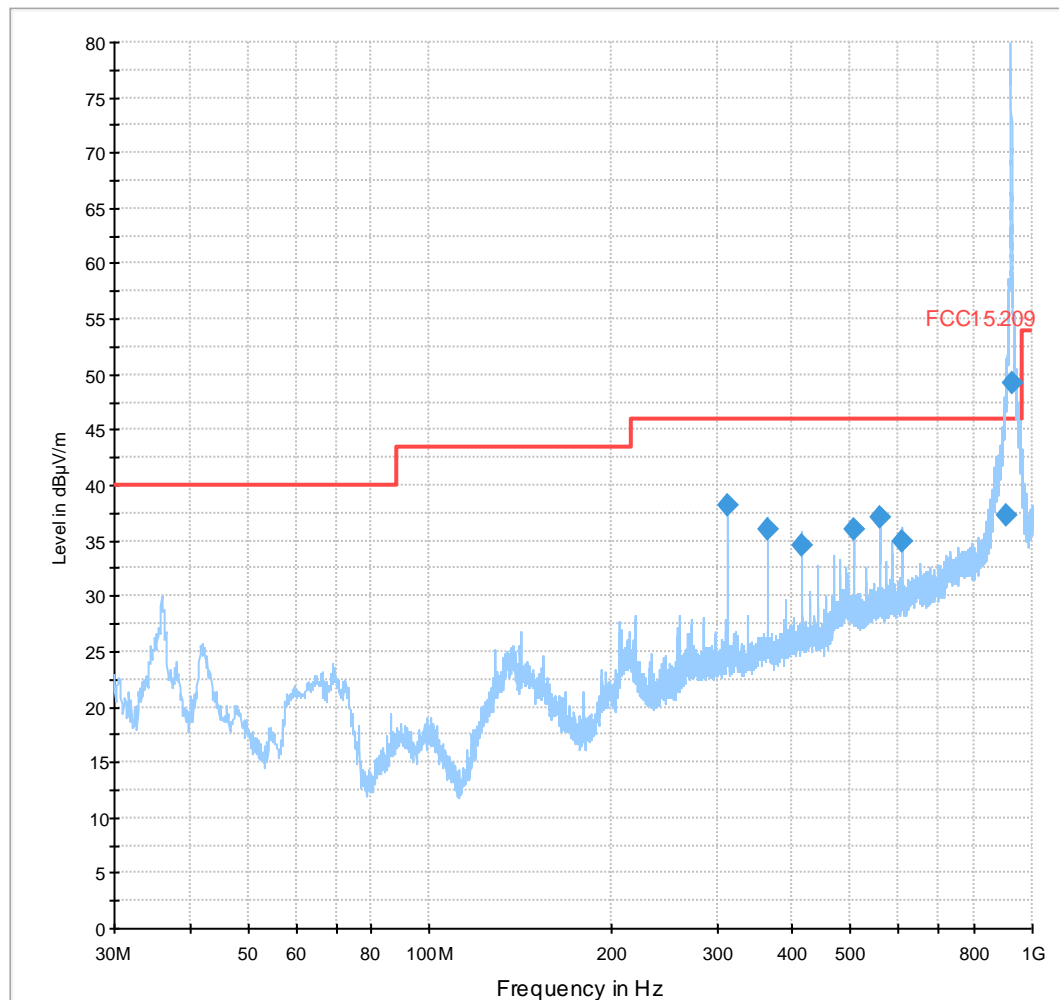
Test description:	Electric Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left
Rec. antenna (pre-scan):	height 1.00 m and 1.82 m, horizontal and vertical polarisation
Rec. antenna (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 15.205 § 15.209

Operator:	Lor
Operating conditions:	TX-on continuous,
Comment 1:	Channel 921.4MHz

EUT Information

Description:	
EUT Name:	Base URG-BAS-002 + AC/DC Adaptor
Manufacturer:	Everon

FCC15.209_ISM-Band-hor+vert



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
312.000000	38.1	1000.0	120.000	100.0	H	195.0	16.3	7.90	46.00
364.000000	36.0	1000.0	120.000	100.0	H	14.0	17.6	10.00	46.00
415.980000	34.6	1000.0	120.000	100.0	H	270.0	18.7	11.40	46.00
505.540000	36.0	1000.0	120.000	100.0	V	146.0	20.5	10.00	46.00
557.260000	37.2	1000.0	120.000	100.0	V	286.0	21.4	8.80	46.00
609.560000	34.9	1000.0	120.000	100.0	V	0.0	22.0	11.10	46.00

EMI Auto Test Template: FCC15.209_ISM-Band-hor+vert

Hardware Setup: HW13_FCC_ESCS30_Bypass
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 30 MHz - 1 GHz
 Graphics Level Range: 0 dBμV/m - 80 dBμV/m

Preview Measurements:

Antenna height: 100 - 182 cm , Step Size = 82 cm , Speed = 8
 Polarization: H + V
 Turntable position: 0 - 270 deg , Step Size = 90 deg , Speed = 8
 Scan Test Template: EMI Scan 01_10ms_EN55022B-ISM-BAND

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 902 MHz	MaxPeak	120 kHz	0,01 s	Receiver 1 [ESS]
902 MHz - 928 MHz	MaxPeak	120 kHz	0,01 s	Receiver 1 [ESS]
928 MHz - 1 GHz	MaxPeak	120 kHz	0,01 s	Receiver 1 [ESS]

Data Reduction:

Limit Line #1: FCC15.209
 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_EN55022B

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 1 GHz	MaxPeak	120 kHz	0,02 s	Receiver 1 [ESS]

Adjustment:

Antenna height: Adjustment with full Range , Speed = 3
 Turntable position: Adjustment with full Range , Speed = 3
 Template for Single Meas.: EMI Scan 02_20ms_EN55022B

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 1 GHz	MaxPeak	120 kHz	0,02 s	Receiver 1 [ESS]

Final Measurements:

Template for Single Meas.: EMI Scan 03_1s_EN55022B

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 1 GHz	QuasiPeak	120 kHz	1 s	Receiver 1 [ESS]

Report Settings:

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

Actions:

Data Reduction: Before
 Notify: Sound (WAV file) 'tada.wav'
 Final Measurements: After
 Notify: Sound (WAV file) 'tada.wav'

1.7.3. Band-Edge radiated

Diagram No. 2.01b

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
 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 15.205 § 15.209

Operator: Lor
 Operating conditions: TX-on
 Comment 1: Channel 921.4MHz

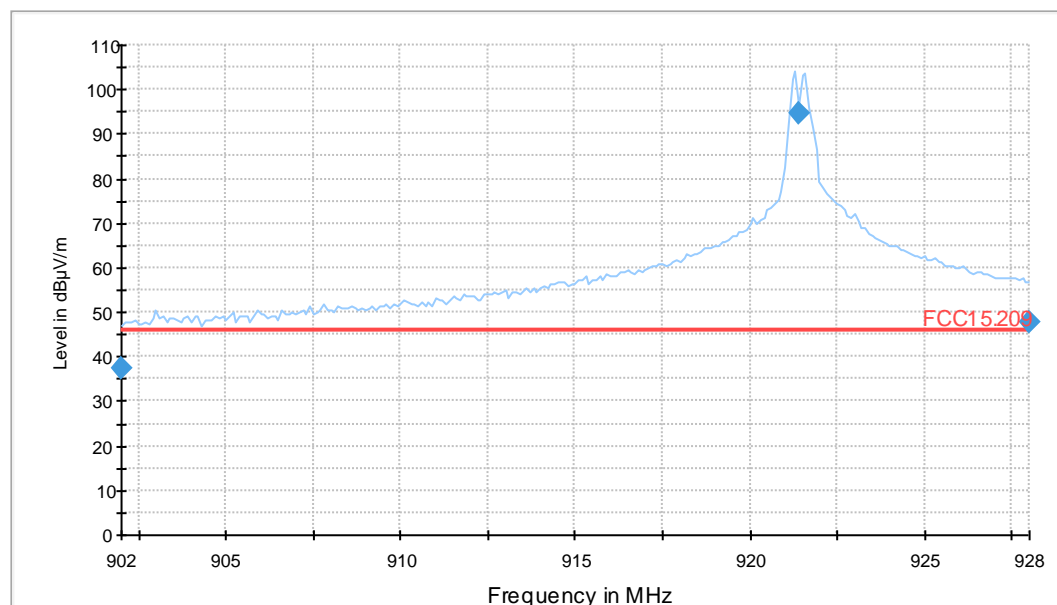
EUT Information

Description:
 EUT Name: Base URG-BAS-002 + AC/DC Adaptor
 Manufacturer: Everon

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
902.000000	37.4	1000.0	120.000	100.0	V	84.0	27.4	8.60	46.00
921.400000	94.7	1000.0	120.000	100.0	V	21.0	26.5	-48.70	46.00
928.000000	47.9	1000.0	120.000	100.0	V	19.0	26.8	-1.90	46.00

FCC15.209_ISM-Band-hor+vert-EMax



EMI Auto Test Template: FCC15.209_ISM-Band-hor+vert-EMax

Hardware Setup: HW13_FCC_ESCS30_Bypass
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 902 MHz - 928 MHz
 Graphics Level Range: 0 dBμV/m - 110 dBμV/m

Preview Measurements:

Antenna height: 100 - 182 cm , Step Size = 82 cm , Speed = 8
Polarization: H + V
Turntable position: 0 - 270 deg , Step Size = 90 deg , Speed = 8
Scan Test Template: EMI Scan 01_10ms_EN55022B-ISM-BAND

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 902 MHz	MaxPeak	120 kHz	0,01 s	Receiver 1 [ESS]
902 MHz - 928 MHz	MaxPeak	120 kHz	0,01 s	Receiver 1 [ESS]
928 MHz - 1 GHz	MaxPeak	120 kHz	0,01 s	Receiver 1 [ESS]

Data Reduction:

Limit Line #1: FCC15.209
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

Adjustment:

Antenna height: Adjustment with full Range , Speed = 3
Turntable position: Adjustment with full Range , Speed = 3
Template for Single Meas.: EMI Scan 02_20ms_EN55022B

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 1 GHz	MaxPeak	120 kHz	0,02 s	Receiver 1 [ESS]

Final Measurements:

Template for Single Meas.: EMI Scan 03_1s_EN55022B

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 1 GHz	QuasiPeak	120 kHz	1 s	Receiver 1 [ESS]

Report Settings:

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

Actions:

Data Reduction: Before
Notify: Sound (WAV file) 'tada.wav'
Final Measurements: After
Notify: Sound (WAV file) 'tada.wav'

1.7.4. Field strength emissions in the frequency range 1GHz to 10GHz

Diagram No.: 2.33a

Common Information

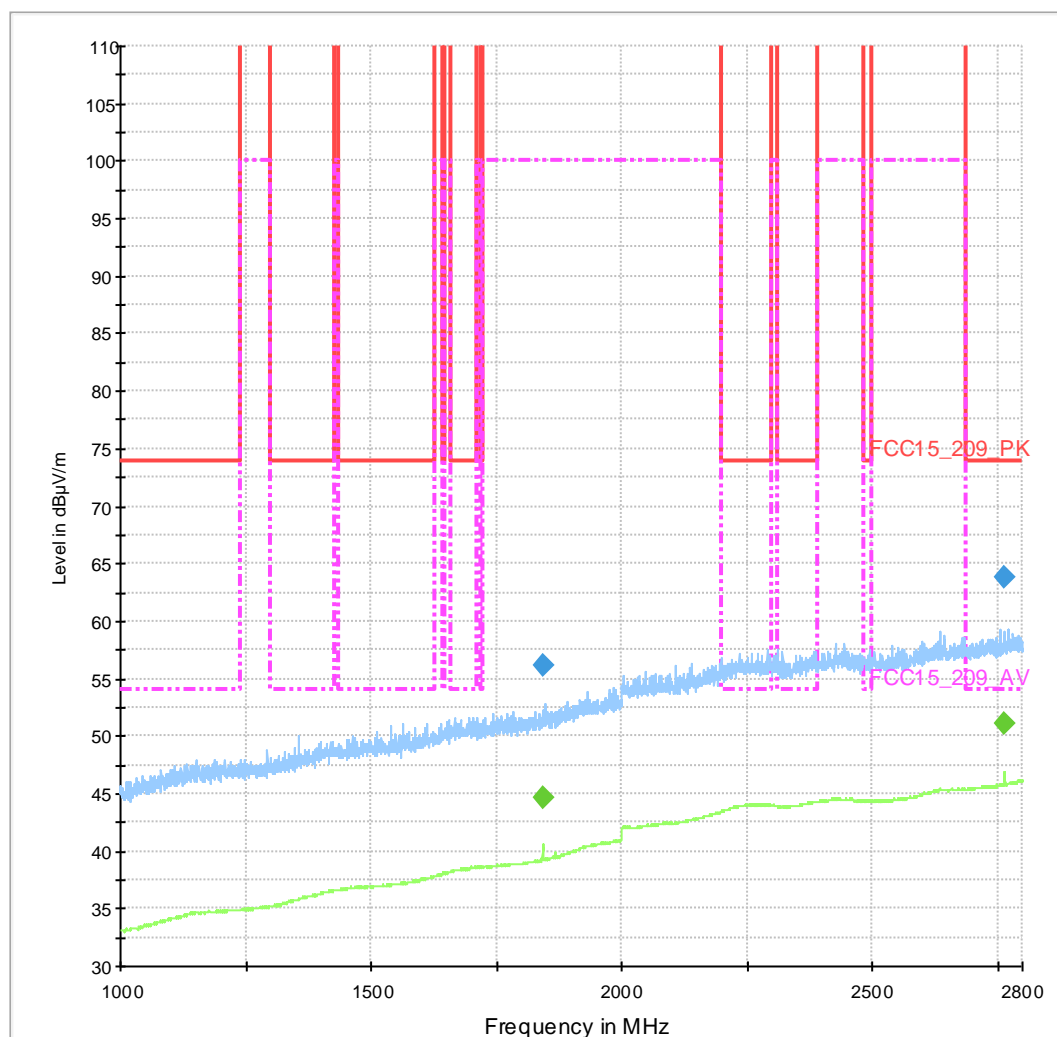
Test Description: Radiated field strength emission accord. §15.247 in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: §15.205 & 15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical

Operator Name: Lor
 Comment 1: Channel 921.4MHz
 Comment 2: EUT placed horizontal

EUT Information

Description:
 EUT Name: Base (SN:10-22-03-X4-01004317) + AC/DC Adaptor
 Remark: Everon

Sweep1_SM1_K0



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1843.300000	56.1	100.0	1000.000	155.0	V	299.0	32.7	63.9	120.0
2763.500000	63.9	100.0	1000.000	155.0	V	242.0	37.1	10.1	74.0

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1843.400000	44.6	100.0	1000.000	155.0	V	266.0	32.7	55.4	100.0
2763.400000	51.1	100.0	1000.000	155.0	V	38.0	37.1	2.9	54.0

EMI Auto Test Template: Sweep1_SM1_K0

Hardware Setup: 549_dBuVm_PA0_TH3_KP1_ESU

Measurement Type: Open-Area-Test-Site

Frequency Range: 1 GHz - 2,8 GHz

Graphics Level Range: 30 dBμV/m - 110 dBμV/m

Preview Measurements:

Scan Test Template: Sweep1_pre

Data Reduction:

Limit Line #1: FCC15_209_PK

Limit Line #2: FCC15_209_AV

Peak Search: 6 dB , Maximum Results: 10

Subrange Maxima: 50 Subranges , Maxima per Subrange: 1

Maximum Number of Results: 30

After Data Reduction: Interactive data reduction

Frequency Zoom:

Zoom Scan Template: Sweep1_zoom

Adjustment:

Template for Single Meas.: Sweep1_zoom

Final Measurements:

Template for Single Meas.: Sweep1_fin

Template for Single Meas.:(>1GHz) Sweep1_fin

Report Settings:

Report Template: Report Setup FCC 15_247

Actions:

Test start

Notify: "Matrix richtig geschaltet !?! Spekki (ESU) angeschlossen ??"

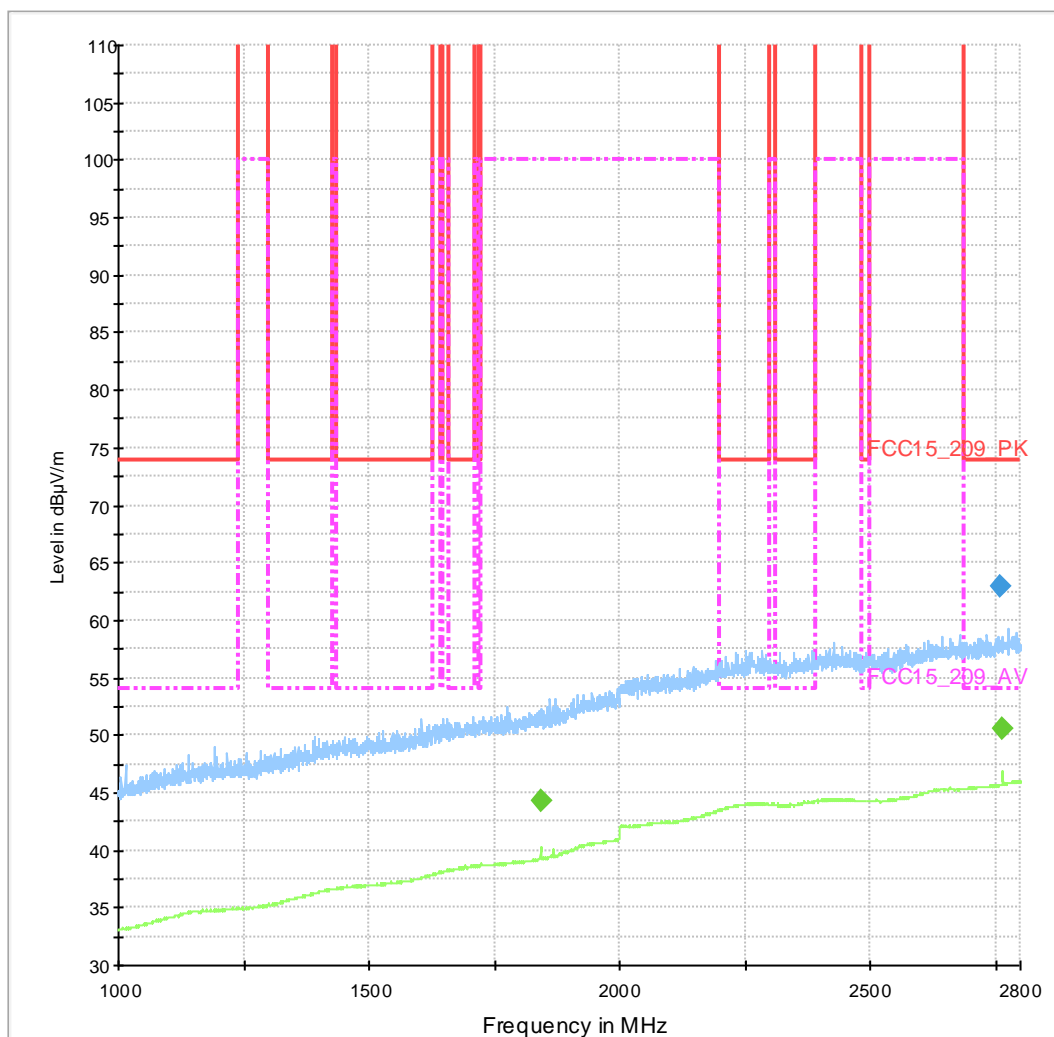
Diagram No.: 2.33b**Common Information**

Test Description:	Radiated field strength emission accord. §15.247 in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	§15.205 & 15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operator Name:	Lor
Comment 1:	Channel 921.4MHz
Comment 2:	EUT placed vertical

EUT Information

Description:	
EUT Name:	Base (SN:10-22-03-X4-01004317) + AC/DC Adaptor
Remark	Everon

Sweep1_SM1_K0



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2761.600000	62.9	100.0	1000.000	155.0	V	106.0	37.0	11.1	74.0

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1842.400000	44.2	100.0	1000.000	155.0	H	293.0	32.7	55.8	100.0
2765.100000	50.6	100.0	1000.000	155.0	H	90.0	37.1	3.4	54.0

EMI Auto Test Template: Sweep1_SM1_K0

Hardware Setup: 549_dBuVm_PA0_TH3_KP1_ESU
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 1 GHz - 2,8 GHz
 Graphics Level Range: 30 dBμV/m - 110 dBμV/m

Preview Measurements:

Scan Test Template: Sweep1_pre

Data Reduction:

Limit Line #1: FCC15_209_PK
 Limit Line #2: FCC15_209_AV
 Peak Search: 6 dB , Maximum Results: 10
 Subrange Maxima: 50 Subranges , Maxima per Subrange: 1
 Maximum Number of Results: 30
 After Data Reduction: Interactive data reduction

Frequency Zoom:

Zoom Scan Template: Sweep1_zoom

Adjustment:

Template for Single Meas.: Sweep1_zoom

Final Measurements:

Template for Single Meas.: Sweep1_fin

Template for Single Meas.:(>1GHz) Sweep1_fin

Report Settings:

Report Template: Report Setup FCC 15_247

Actions:

Test start

Notify: "Matrix richtig geschaltet !?! Spekki (ESU) angeschlossen ??"

Diagram No.: 2.34a**Common Information**

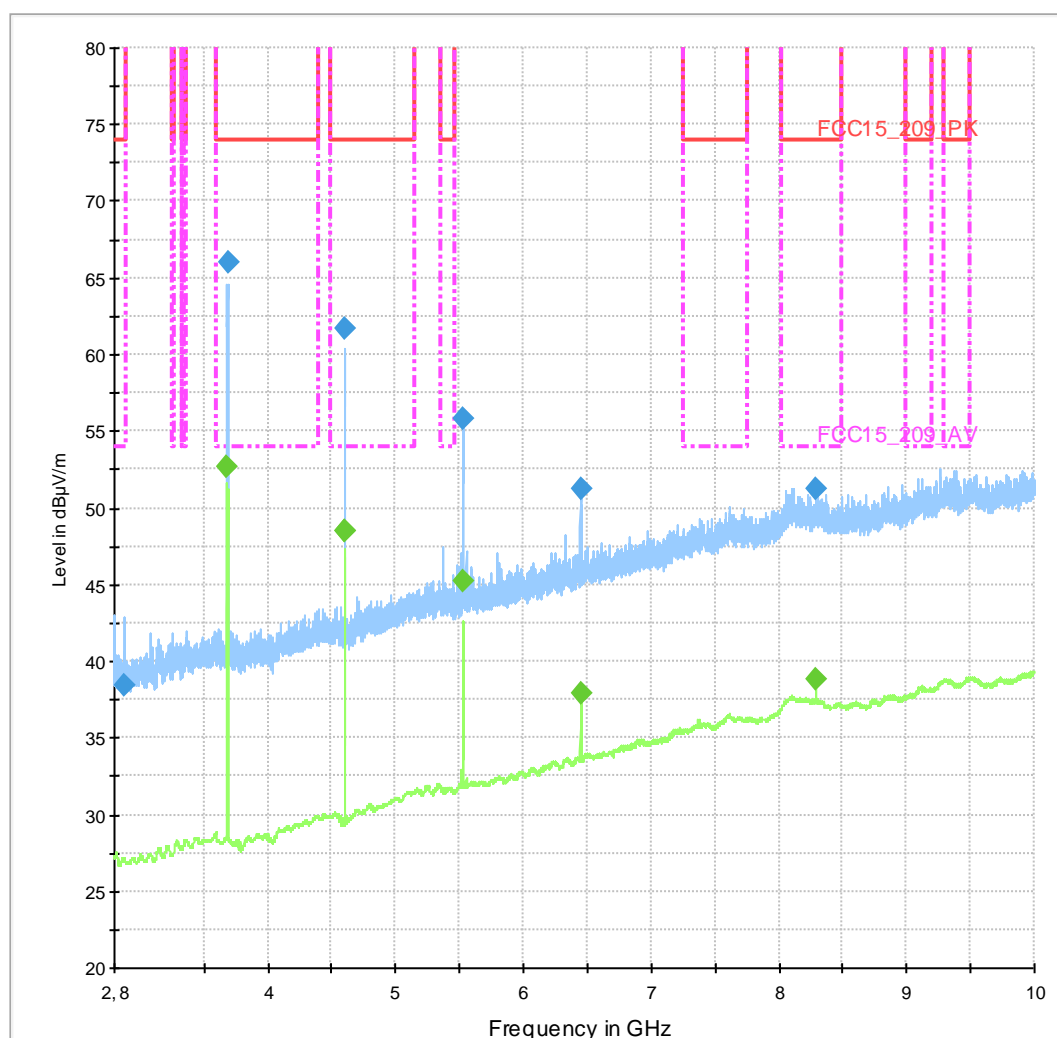
Test Description: Radiated field strength emission accord. §15.247 in 3m distance
Test Site: CETECOM GmbH Essen
Test Standard: §15.205 & 15.209 Intentional Radiator
Antenna polarisation: horizontal/vertical

Operator Name: Lor
Comment 1: Channel 921.4MHz
Comment 2: EUT placed horizontal

EUT Information

Description:
EUT Name: Base (SN:10-22-03-X4-01004317) + AC/DC Adaptor
Remark: Everon

Sweep2_SM1_K0



Final Result 1

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2876.400000	38.5	100.0	1000.000	155.0	H	315.0	-1.9	35.5	74.0
3686.900000	66.0	100.0	1000.000	155.0	V	9.0	-0.2	8.0	74.0
4608.500000	61.7	100.0	1000.000	155.0	V	-11.0	2.0	12.3	74.0
5530.100000	55.8	100.0	1000.000	155.0	V	304.0	4.3	64.2	120.0
6447.900000	51.3	100.0	1000.000	155.0	V	188.0	7.5	68.7	120.0
8290.100000	51.2	100.0	1000.000	155.0	V	17.0	12.1	22.8	74.0

Final Result 2

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
3684.500000	52.7	100.0	1000.000	155.0	V	7.0	-0.2	1.3	54.0
4605.700000	48.5	100.0	1000.000	155.0	V	-11.0	2.0	5.5	54.0
4608.300000	48.5	100.0	1000.000	155.0	V	-11.0	2.0	5.5	54.0
5527.000000	45.2	100.0	1000.000	155.0	V	110.0	4.3	54.8	100.0
6451.600000	38.0	100.0	1000.000	155.0	V	166.0	7.5	62.0	100.0
8290.400000	38.8	100.0	1000.000	155.0	V	18.0	12.1	15.2	54.0

EMI Auto Test Template: Sweep2_SM1_K0

Hardware Setup: 549_dBuVm_PA484_TH3_KP1_ESU
Measurement Type: Open-Area-Test-Site
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_209_PK
Limit Line #2: FCC15_209_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_247
Create Electronic Report: RTF PDF
Document Name: dummy EMI Report

Actions:
Test start
Notify: "Switch-Matrix richtig geschaltet ? Spekki (ESU) angeschlossen ?"

Diagram No.: 2.34b**Common Information**

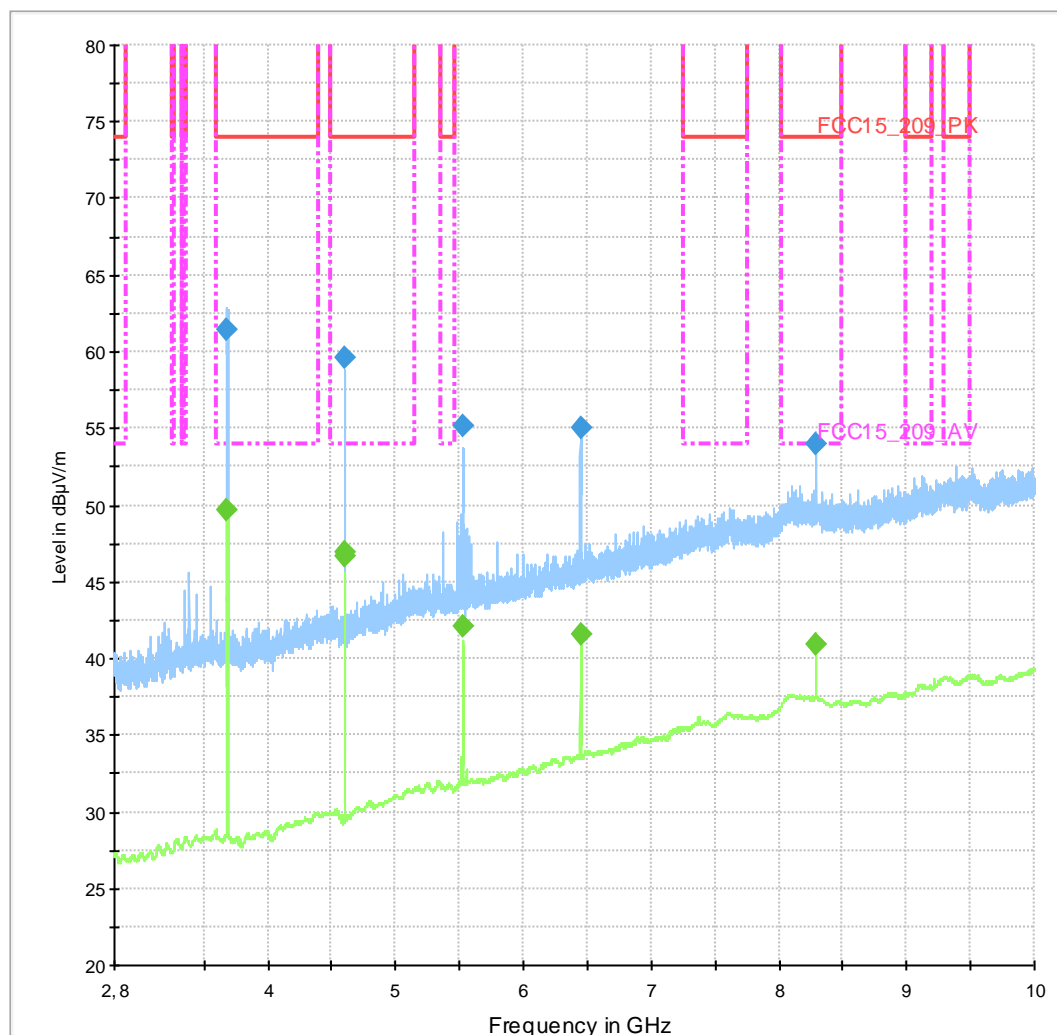
Test Description: Radiated field strength emission accord. §15.247 in 3m distance
Test Site: CETECOM GmbH Essen
Test Standard: §15.205 & 15.209 Intentional Radiator
Antenna polarisation: horizontal/vertical

Operator Name: Lor
Comment 1: Channel 921.4MHz
Comment 2: EUT placed vertical

EUT Information

Description:
EUT Name: Base (SN:10-22-03-X4-01004317) + AC/DC Adaptor
Remark: Everon

Sweep2_SM1_K0



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
3684.500000	61.4	100.0	1000.000	155.0	H	310.0	-0.2	12.6	74.0
4608.700000	59.7	100.0	1000.000	155.0	H	312.0	2.0	14.3	74.0
5530.100000	55.1	100.0	1000.000	155.0	V	48.0	4.3	64.9	120.0
6451.600000	55.0	100.0	1000.000	155.0	H	45.0	7.5	65.0	120.0
8289.500000	54.0	100.0	1000.000	155.0	V	194.0	12.1	20.0	74.0

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
3684.500000	49.6	100.0	1000.000	155.0	H	315.0	-0.2	4.4	54.0
4605.700000	46.9	100.0	1000.000	155.0	H	313.0	2.0	7.1	54.0
4608.300000	46.6	100.0	1000.000	155.0	H	312.0	2.0	7.4	54.0
5530.000000	42.1	100.0	1000.000	155.0	V	48.0	4.3	57.9	100.0
6451.600000	41.6	100.0	1000.000	155.0	H	45.0	7.5	58.4	100.0
8295.000000	41.0	100.0	1000.000	155.0	V	194.0	12.1	13.0	54.0

EMI Auto Test Template: Sweep2_SM1_K0

Hardware Setup: 549_dBuVm_PA484_TH3_KP1_ESU
 Measurement Type: Open-Area-Test-Site
 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_209_PK
 Limit Line #2: FCC15_209_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_247
 Create Electronic Report: RTF PDF
 Document Name: dummy EMI Report

Actions:
 Test start
 Notify: "Switch-Matrix richtig geschaltet ? Spekki (ESU) angeschlossen ?"