

Annex 202 – Test Results

No. 1-9816-25-05-02_TR1-A202-R02

September 21, 2026

Description

Test Result Diagrams

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C = DE O = cetecom advanced
GmbH OU = RadioLabs
2026.09.21 10:29:15 +02'00'

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Lab Manager

Compliance Testing & Innovation

1 Measurement diagrams

EUT Information for all following tests

EUT number: 57.860
Power: 3.6 V DC Battery

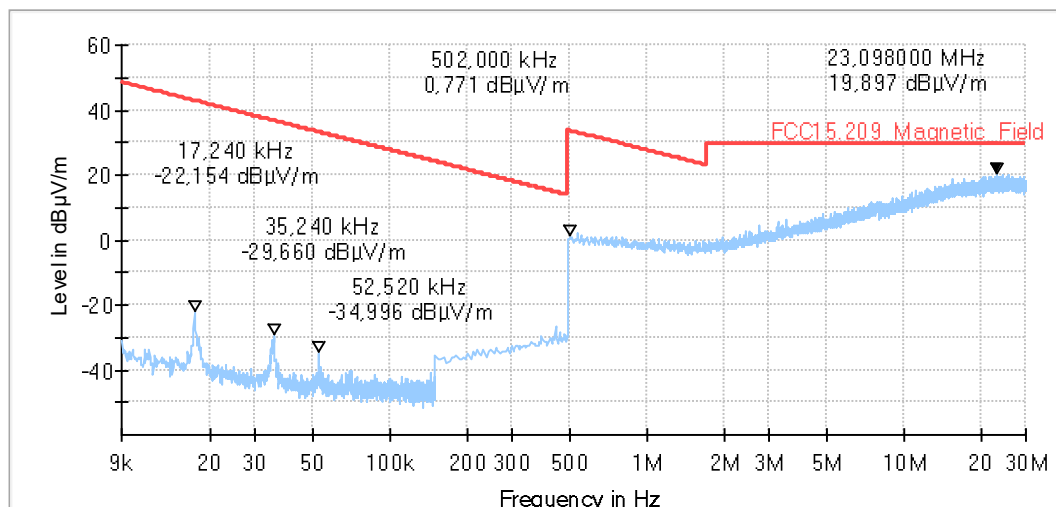
2.01_RSE_ch0_standing

Common Information

Test description: Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location: Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware: EMC32 V10.60.20
Distance correction: used accord. table, pls. see test report
Technical Data: Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation
Used filter: bypass
Test Standard: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator: TFra
Operating Mode: mode 1 | ch0
Environmental Conditions: Humidity: 50 % rH; Temperature: 22.8 °C
Verdict: Passed

Full Spectrum

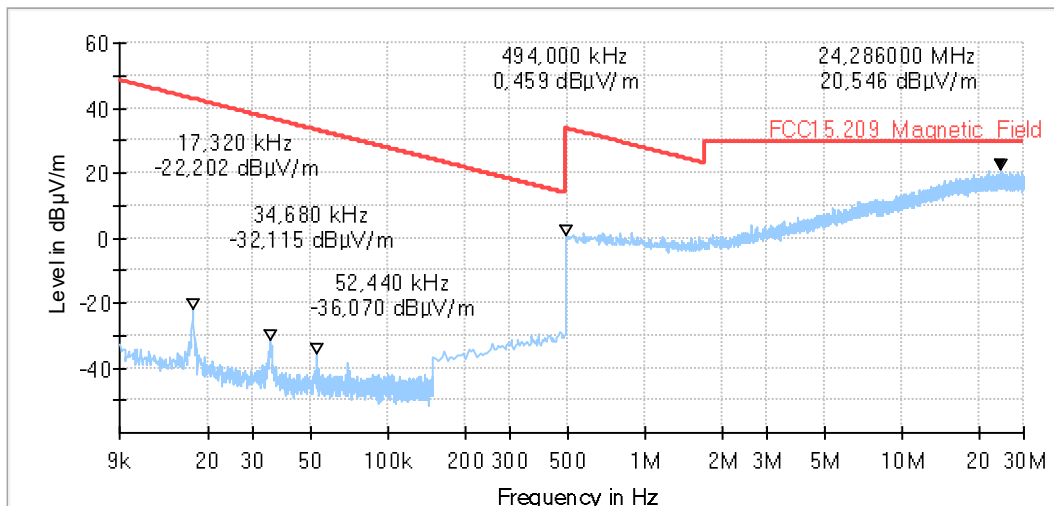


2.02_RSE_ch0_lying

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	mode 1 ch0
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
Verdict:	Passed

Full Spectrum



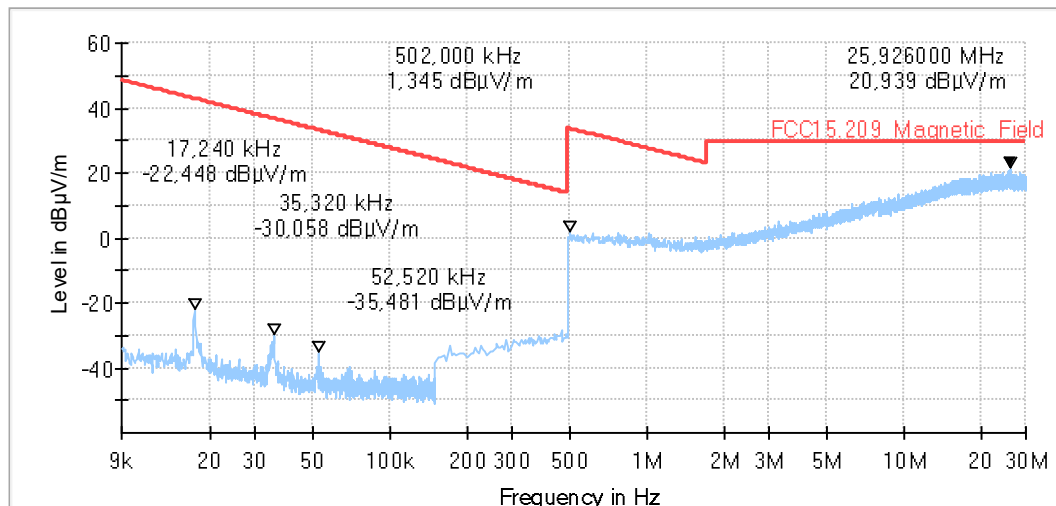
2.03_RSE_ch31_standing

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFra
Operating Mode:	mode 2 ch31
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
Verdict:	Passed

Full Spectrum



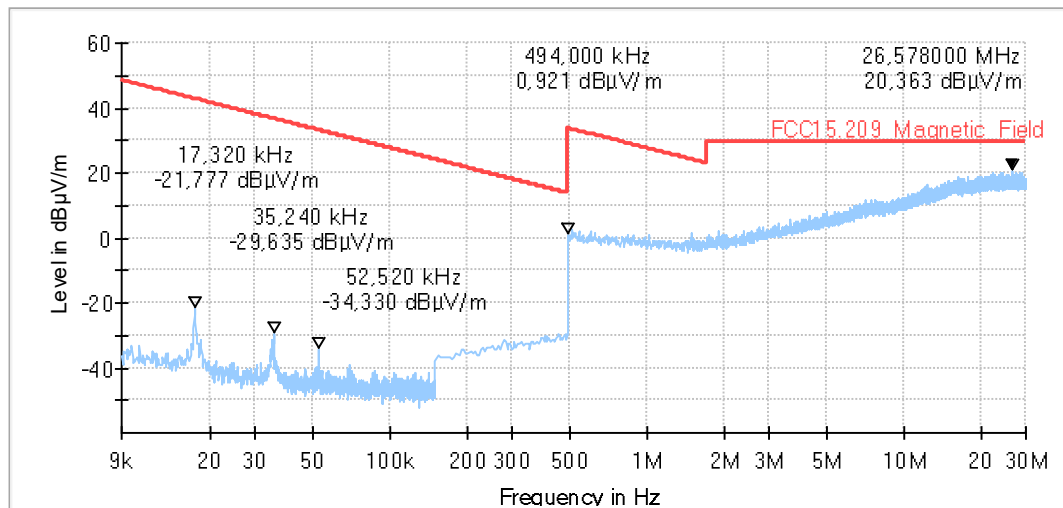
2.05_RSE_ch63_standing

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operator:	TFra
Operating Mode:	mode 3 ch63
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
Verdict:	Passed

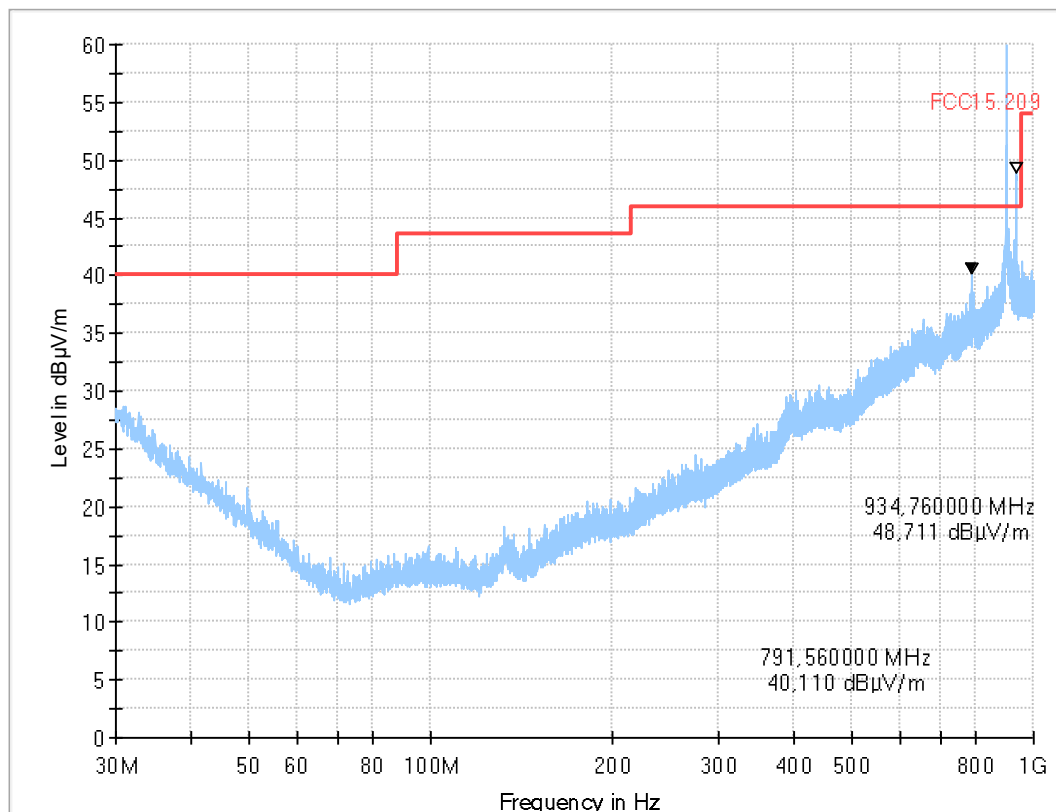
Full Spectrum



3.01_RSE_ch0_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance in SAC3 anechoic-chamber
Test Site:	cetecom advanced GmbH (Lab location: Essen)
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 54 %rH; Temperature: 23 °C
Operator Name:	MNu
Operating Mode:	mode 1 ch0
Verdict:	Passed

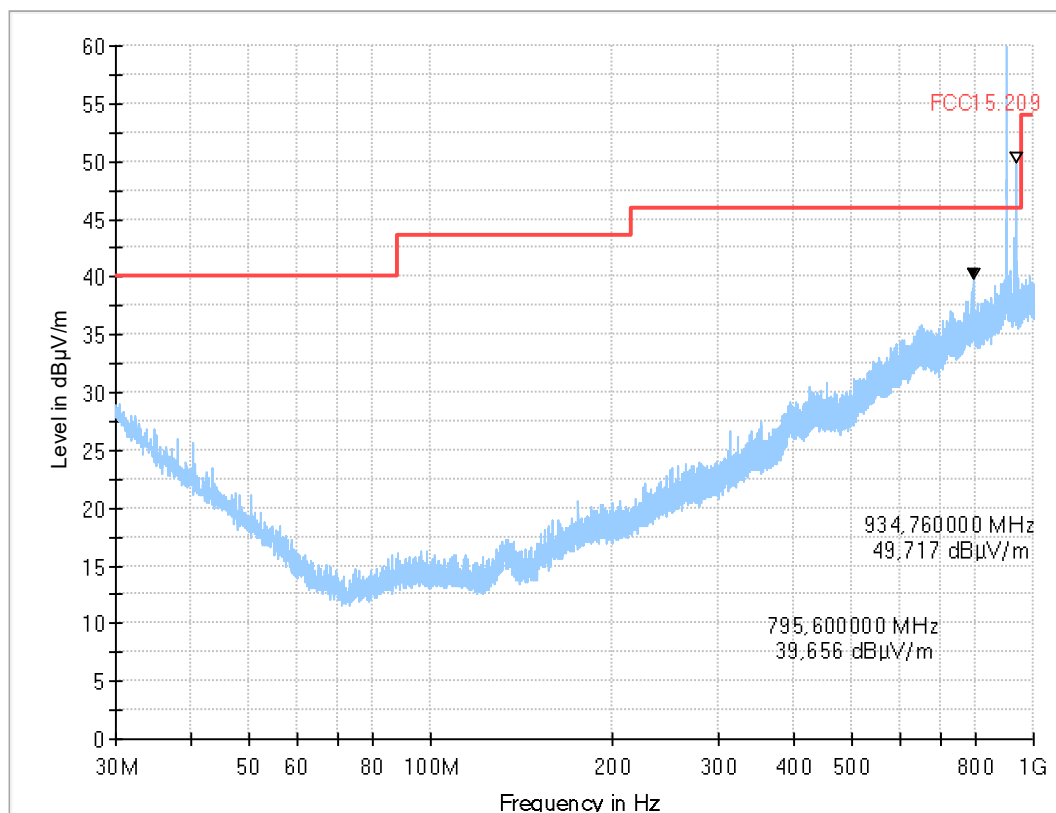


Remark: emissions at 791 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

3.02_RSE_ch0_lying

Common Information

Test Description:	Radiated field strength emission in 3m distance in SAC3 anechoic-chamber
Test Site:	cetecom advanced GmbH (Lab location: Essen)
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 54 %rH; Temperature: 23 °C
Operator Name:	MNu
Operating Mode:	mode 1 ch0
EUT Setup:	lying
Verdict:	Passed

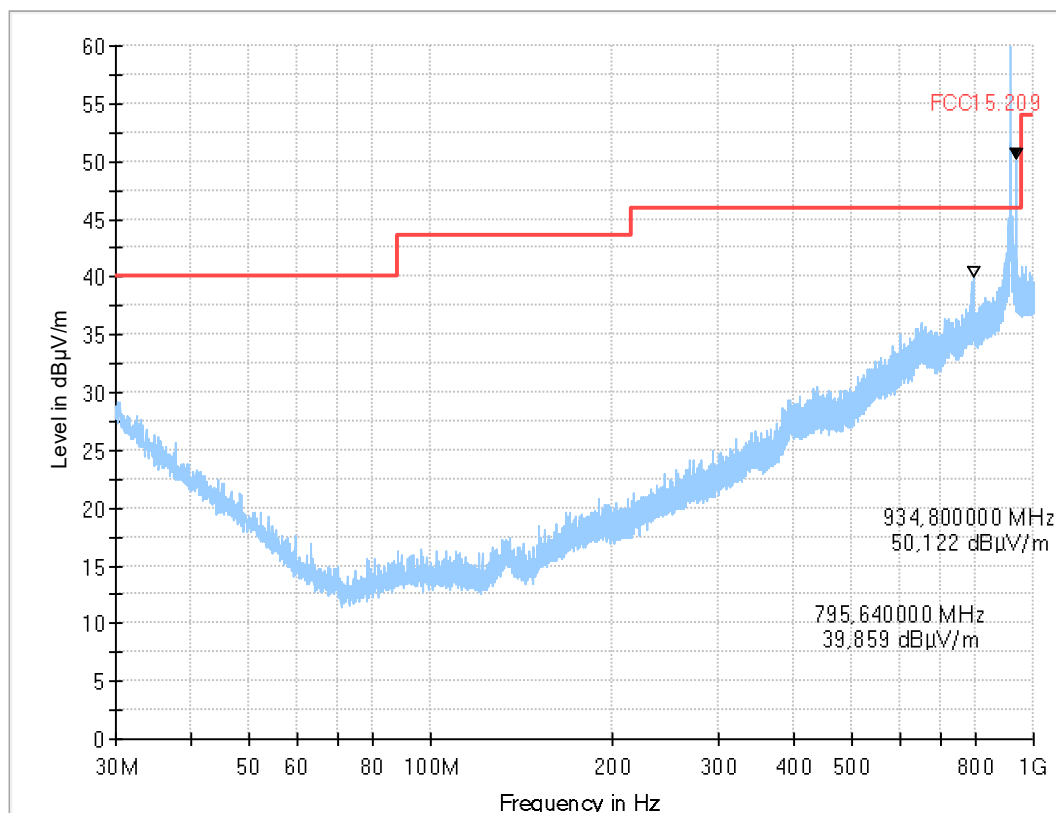


Remark: emissions at 795 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

3.03_RSE_ch31_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance in SAC3 anechoic-chamber
Test Site:	cetecom advanced GmbH (Lab location: Essen)
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 54 %rH; Temperature: 23 °C
Operator Name:	MNu
Operating Mode:	mode 2 ch31
EUT Setup:	standing
Verdict:	Passed

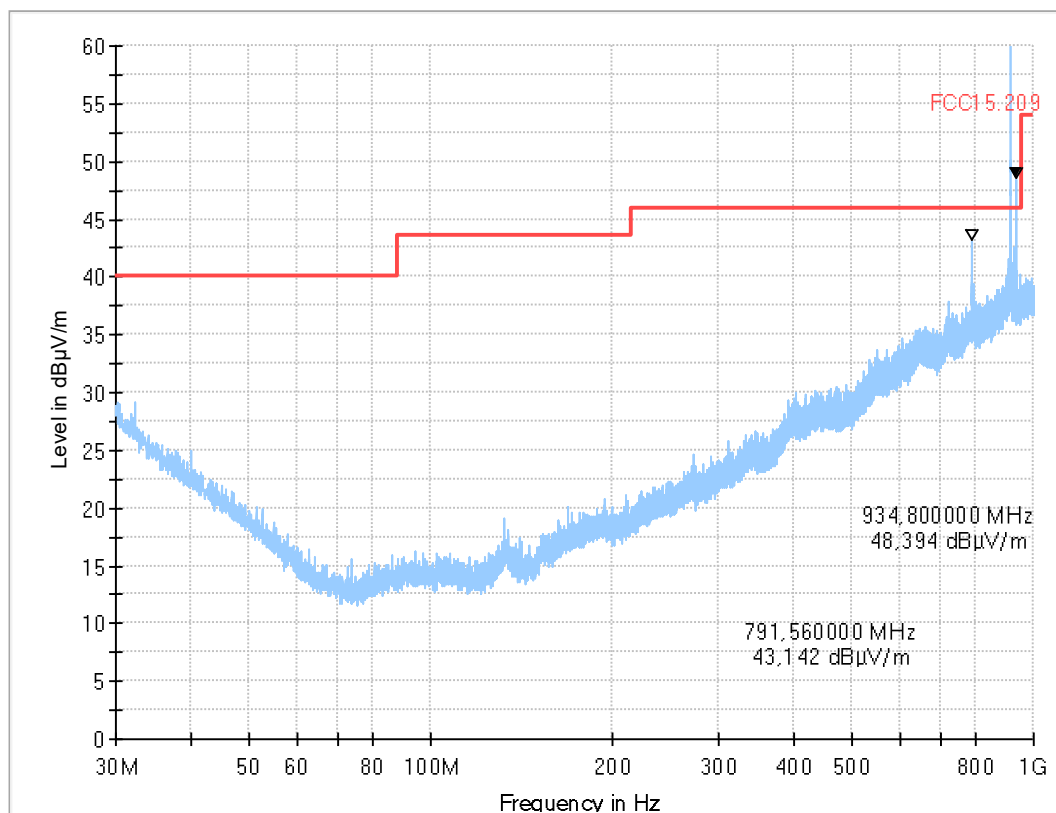


Remark: emissions at 795 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

3.04_RSE_ch31_lying

Common Information

Test Description:	Radiated field strength emission in 3m distance in SAC3 anechoic-chamber
Test Site:	cetecom advanced GmbH (Lab location: Essen)
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 54 %rH; Temperature: 23 °C
Operator Name:	MNu
Operating Mode:	mode 2 ch31
EUT Setup:	lying
Verdict:	Passed

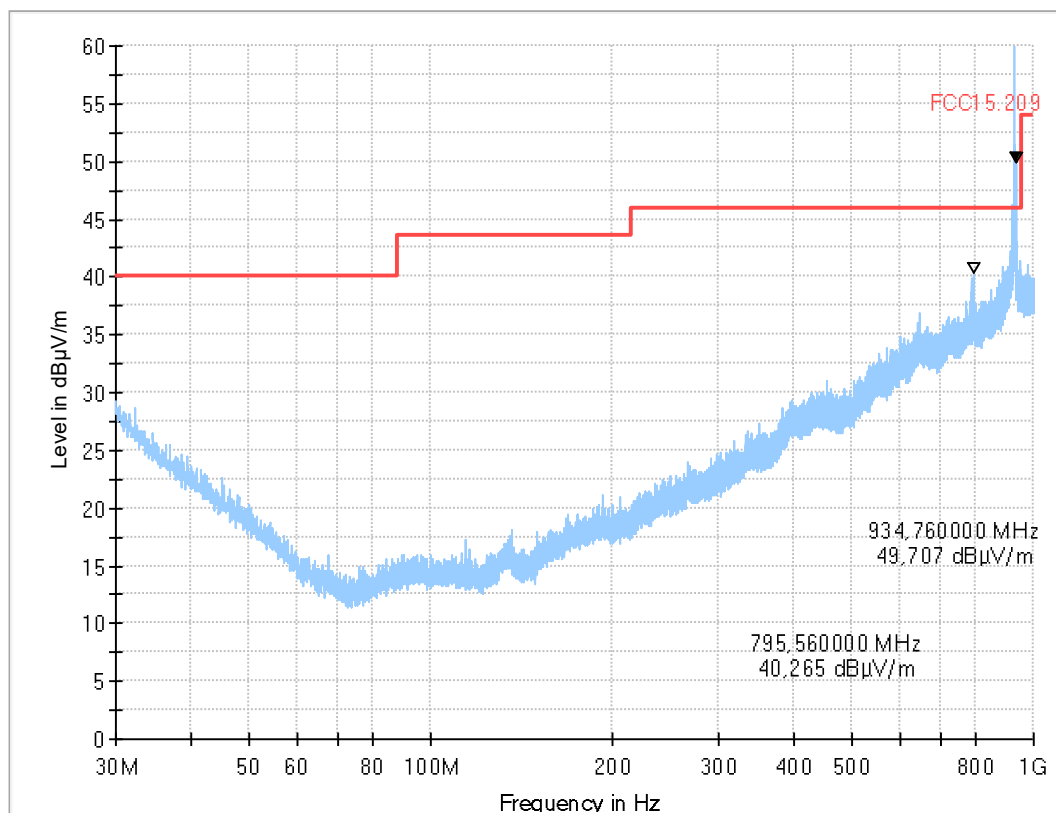


Remark: emissions at 791 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

3.05_RSE_ch63_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance in SAC3 anechoic-chamber
Test Site:	cetecom advanced GmbH (Lab location: Essen)
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 54 %rH; Temperature: 23 °C
Operator Name:	MNu
Operating Mode:	mode 3 ch63
EUT Setup:	standing
Verdict:	Passed

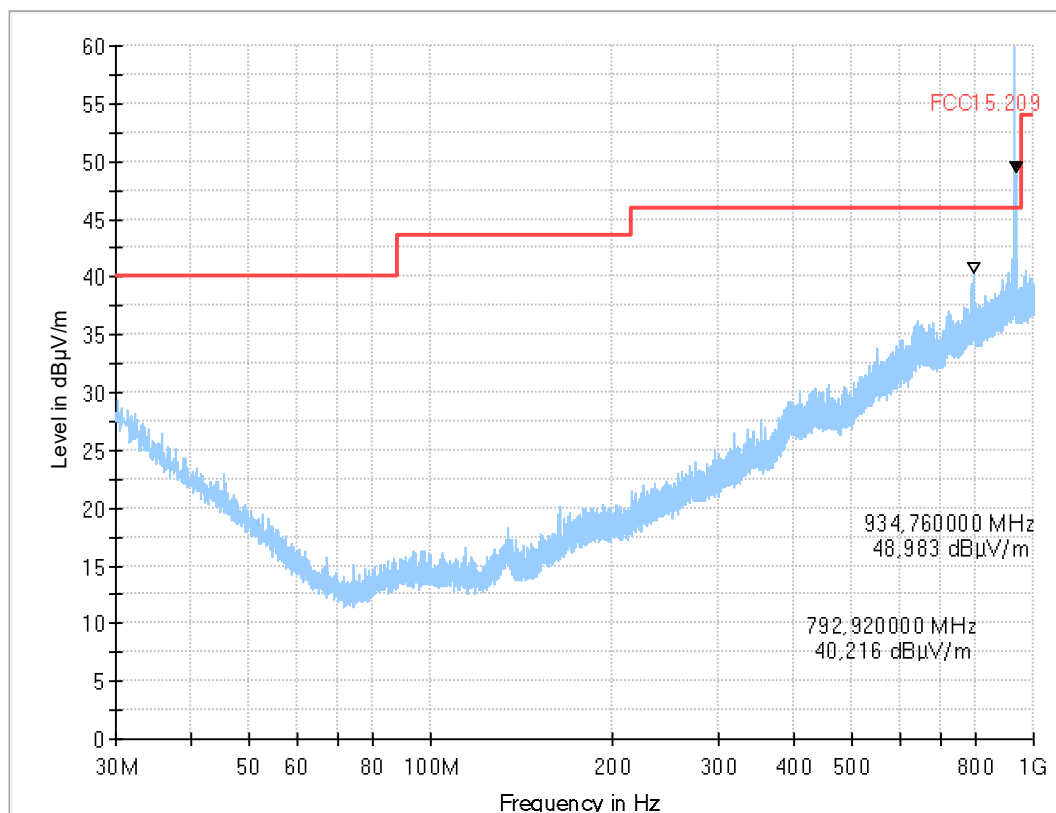


Remark: emissions at 795 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

3.06_RSE_ch63_lying

Common Information

Test Description:	Radiated field strength emission in 3m distance in SAC3 anechoic-chamber
Test Site:	cetecom advanced GmbH (Lab location: Essen)
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 54 %rH; Temperature: 23 °C
Operator Name:	MNu
Operating Mode:	mode 3 ch63
EUT Setup:	lying
Verdict:	Passed

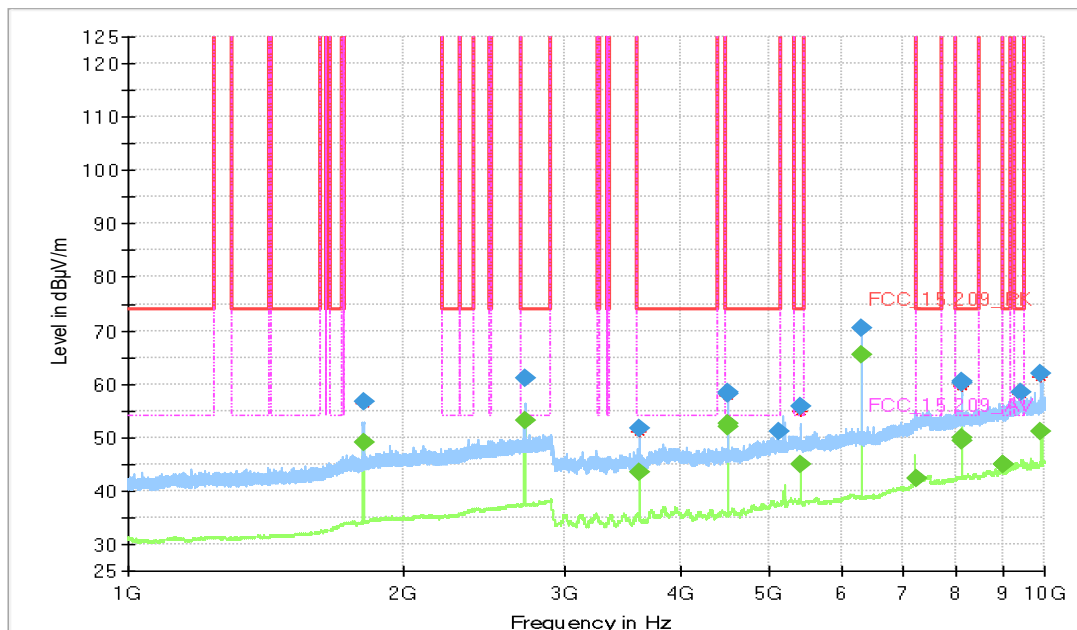


Remark: emissions at 792 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

4.01_RSE_ch0

Common Information

Test Description:	Radiated Field Strength Emission@3m distance
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Room (FAC2)
Test Standard:	FCC 15.209; 15.247 & RSS-Gen, RSS-247
Operating Mode:	mode 1 ch0
Environmental Conditions:	Humidity: 52%rH; Temperature: 21.9°C
SW-Version:	EMC32 V10.60.20
Operator:	Reda
Verdict:	Passed



Final_Result_PK+

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1804.970000	56.62	*	-	1000.000	155.0	H	165.0	0.0	31.3
2707.290000	60.95	74.00	13.05	1000.000	155.0	H	343.0	0.0	34.5
3609.723333	51.68	74.00	22.32	1000.000	155.0	H	317.0	0.0	-4.1
4512.340000	58.30	74.00	15.70	1000.000	155.0	V	87.0	90.0	-1.5
5139.570000	51.09	74.00	22.91	1000.000	155.0	V	23.0	0.0	1.0
5414.670000	55.66	74.00	18.34	1000.000	155.0	V	325.0	90.0	1.1
6316.206666	70.51	*	-	1000.000	155.0	V	227.0	90.0	1.2
8120.873334	60.50	74.00	13.50	1000.000	155.0	V	-5.0	90.0	5.5
9434.093333	58.45	74.00	15.55	1000.000	155.0	V	-4.0	0.0	9.4
9925.300000	61.95	*	-	1000.000	155.0	H	304.0	0.0	9.6

Final_Result_AVG

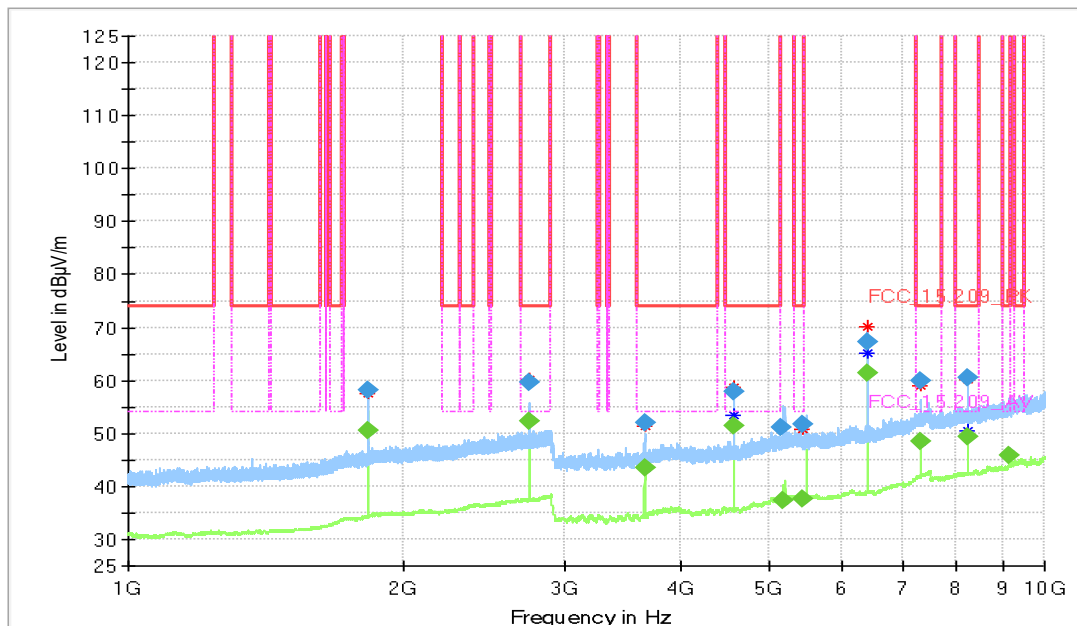
Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1804.873334	49.17	*	-	1000.000	155.0	H	293.0	0.0	31.3
2706.906666	53.01	54.00	0.99	1000.000	155.0	H	260.0	0.0	34.5
3609.293334	43.34	54.00	10.66	1000.000	155.0	H	317.0	0.0	-4.1
4511.623334	52.48	54.00	1.52	1000.000	155.0	V	87.0	90.0	-1.5
5413.953334	44.98	54.00	9.02	1000.000	155.0	V	317.0	90.0	1.1
6316.280000	65.53	*	-	1000.000	155.0	V	227.0	90.0	1.2
7263.673333	42.39	54.00	11.61	1000.000	155.0	V	92.0	90.0	4.5
8120.796667	49.82	54.00	4.18	1000.000	155.0	V	317.0	0.0	5.5
9023.186667	44.94	54.00	9.06	1000.000	155.0	V	-10.0	90.0	7.9
9925.543333	51.14	*	-	1000.000	155.0	H	311.0	0.0	9.6

Remark *: emissions not in restricted bands

4.02_RSE_ch31

Common Information

Test Description:	Radiated Field Strength Emission@3m distance
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Room (FAC2)
Test Standard:	FCC 15.209; 15.247 & RSS-Gen, RSS-247
Operating Mode:	mode 2 ch31
Environmental Conditions:	Humidity: 52%rH; Temperature: 21.9°C
SW-Version:	EMC32 V10.60.20
Operator:	Reda / MNu
Verdict:	Passed



Final_Result_PK+

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1829.743334	58.13	*	-	1000.000	155.0	H	277.0	0.0	31.6
2744.663333	59.67	74.00	14.33	1000.000	155.0	H	239.0	0.0	34.5
3658.826666	51.97	74.00	22.03	1000.000	155.0	H	318.0	0.0	-3.8
4573.623333	57.77	74.00	16.23	1000.000	155.0	V	86.0	90.0	-1.4
5145.100000	51.11	74.00	22.89	1000.000	155.0	H	227.0	90.0	1.0
5446.233333	51.71	74.00	22.29	1000.000	155.0	V	305.0	90.0	1.0
6402.963333	67.18	*	-	1000.000	155.0	V	221.0	90.0	1.3
7317.753333	59.79	74.00	14.21	1000.000	155.0	V	105.0	90.0	4.5
8232.470000	60.63	74.00	13.37	1000.000	155.0	V	118.0	90.0	5.9

Final_Result_AVG

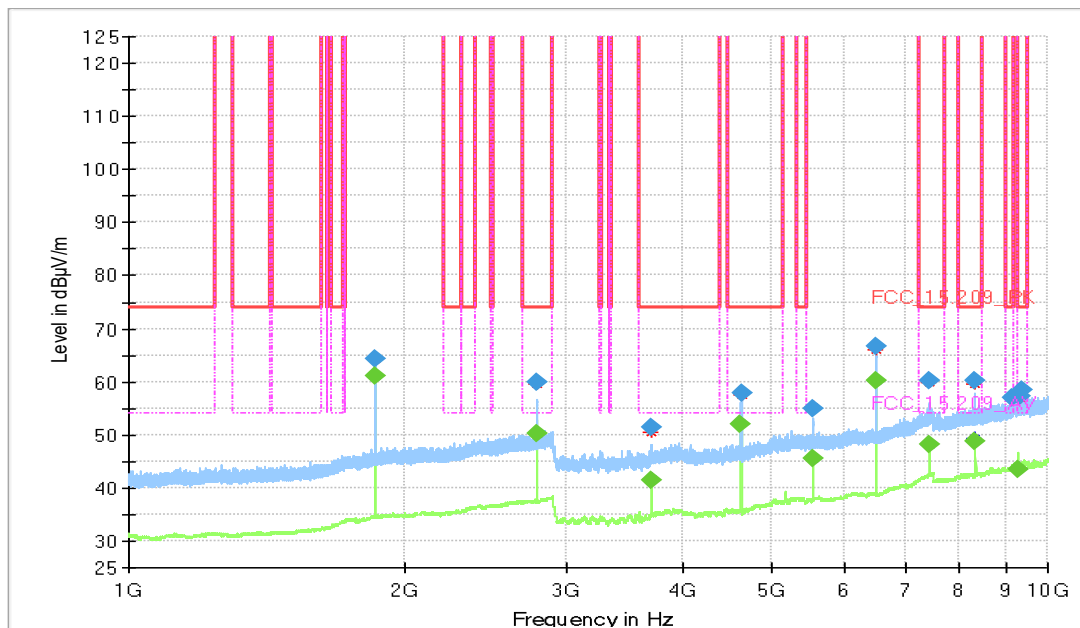
Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1829.513333	50.48	*	-	1000.000	155.0	H	277.0	0.0	31.6
2744.200000	52.37	54.00	1.63	1000.000	155.0	H	247.0	0.0	34.5
3658.846667	43.40	54.00	10.60	1000.000	155.0	H	318.0	0.0	-3.8
4573.566666	51.34	54.00	2.66	1000.000	155.0	V	86.0	90.0	-1.4
5178.463333	37.25	*	-	1000.000	155.0	H	255.0	90.0	1.1
5457.390000	37.47	54.00	16.53	1000.000	155.0	V	317.0	90.0	1.0
6403.070000	61.37	*	-	1000.000	155.0	V	221.0	90.0	1.3
7317.830000	48.54	54.00	5.46	1000.000	155.0	V	86.0	90.0	4.5
8232.463333	49.25	54.00	4.75	1000.000	155.0	V	-21.0	90.0	5.9
9147.073333	45.70	54.00	8.30	1000.000	155.0	V	-10.0	90.0	8.3

Remark *: emissions not in restricted bands

4.03_RSE_ch63

Common Information

Test Description:	Radiated Field Strength Emission@3m distance
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Room (FAC2)
Test Standard:	FCC 15.209; 15.247 & RSS-Gen, RSS-247
Operating Mode:	mode 3 ch63
Environmental Conditions:	Humidity: 52%rH; Temperature: 21.9°C
SW-Version:	EMC32 V10.60.20
Operator:	MNu
Verdict:	Passed



Final_Result_PK+

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1855.336667	64.31	*	-	1000.000	155.0	H	118.0	0.0	32.0
2783.056667	59.90	74.00	14.10	1000.000	155.0	H	99.0	0.0	34.6
3710.676666	51.38	74.00	22.62	1000.000	155.0	H	80.0	0.0	-3.4
4638.296667	57.76	74.00	16.24	1000.000	155.0	V	9.0	90.0	-1.2
5566.040000	54.95	*	-	1000.000	155.0	V	245.0	90.0	1.0
6493.560000	66.57	*	-	1000.000	155.0	V	305.0	90.0	1.4
7420.053334	60.25	74.00	13.75	1000.000	155.0	V	74.0	90.0	4.7
8347.640000	60.14	74.00	13.86	1000.000	155.0	H	-10.0	0.0	5.9
9140.560000	56.94	74.00	17.06	1000.000	155.0	V	61.0	0.0	8.3
9378.056667	58.49	74.00	15.51	1000.000	155.0	H	207.0	90.0	9.3

Final_Result_AVG

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1854.996666	60.95	*	-	1000.000	155.0	H	112.0	0.0	32.0
2782.513333	50.27	54.00	3.73	1000.000	155.0	H	92.0	0.0	34.6
3710.150000	41.47	54.00	12.53	1000.000	155.0	H	81.0	0.0	-3.4
4637.580000	51.85	54.00	2.15	1000.000	155.0	H	3.0	0.0	-1.2
5565.080000	45.46	*	-	1000.000	155.0	V	273.0	90.0	1.0
6492.640000	60.21	*	-	1000.000	155.0	V	-4.0	90.0	1.4
7420.146667	48.09	54.00	5.91	1000.000	155.0	V	92.0	90.0	4.7
8347.600000	48.76	54.00	5.24	1000.000	155.0	H	-11.0	0.0	5.9
9304.230000	43.61	54.00	10.39	1000.000	155.0	H	324.0	90.0	9.2

Remark *: emissions not in restricted bands

Document History

Release No.	Chapter / Page	Applied changes	Reason	Date of release
R01	-	Initial release	-	August 25, 2026
R02	1 / 12, 13, 14	Final result limit value 150 dB μ V/m and corresponding margin removed	Emissions not in restricted band, therefore 20/30 dBc limit applicable which is already checked in A201	September 21, 2026

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