

Annex 202 – Test Results

No. 1-9816-25-04-02_TR1-A202-R02

September 29, 2026

Description

Test Result Diagrams

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authorized by

CN = Timo Franke email =
timo.
franke@cetecomadvanced.
com C = DE O = cetecom
advanced GmbH OU =
RadioLabs
2026.09.29 10:58:17 +02'00'

Timo Franke

Lab Manager

Compliance Testing & Innovation

1 Measurement diagrams

EUT Information for all following tests

EUT number: 57.861
Power: 3.6 V DC Battery

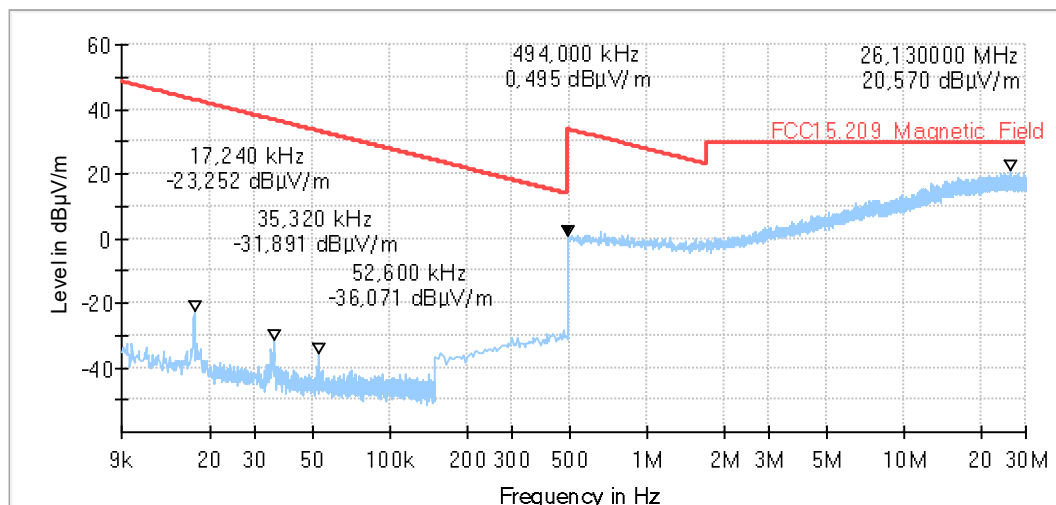
2.01_RSE_ch0_standing

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
EUT Setup: standing
Verdict: Passed

Full Spectrum

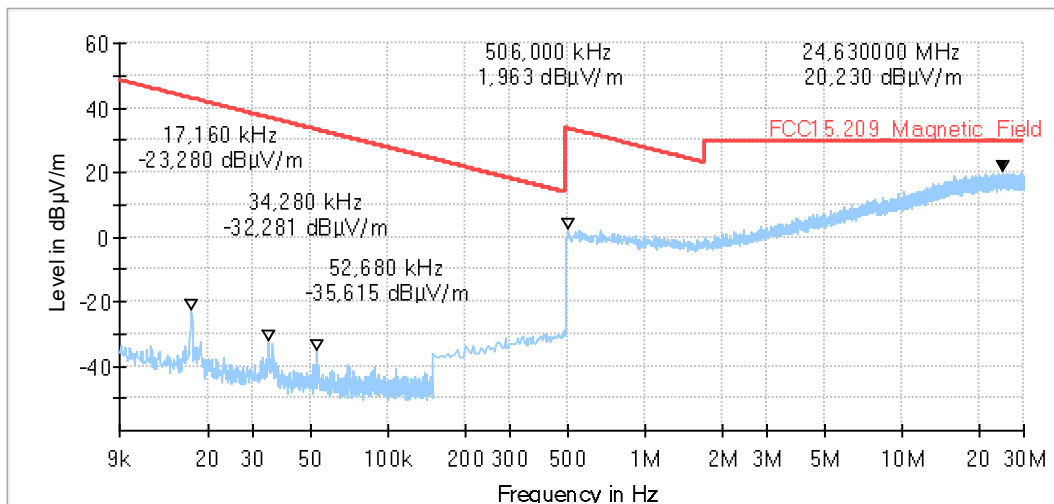


2.02_RSE_ch0_lying

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
EUT Setup:	lying
Verdict:	Passed

Full Spectrum

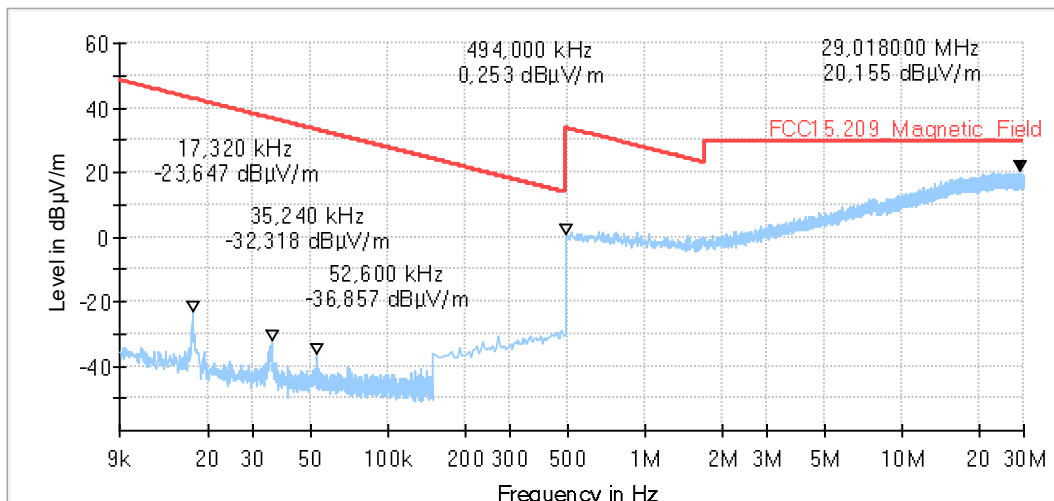


2.03_RSE_ch31_standing

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
EUT Setup:	standing
Verdict:	Passed

Full Spectrum



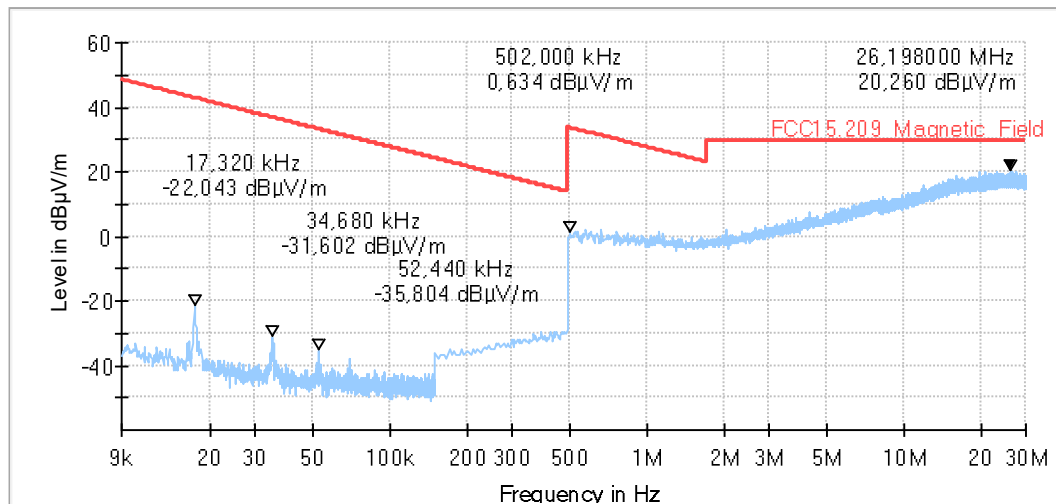
2.05_RSE_ch63_standing

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
EUT Setup:	standing
Verdict:	Passed

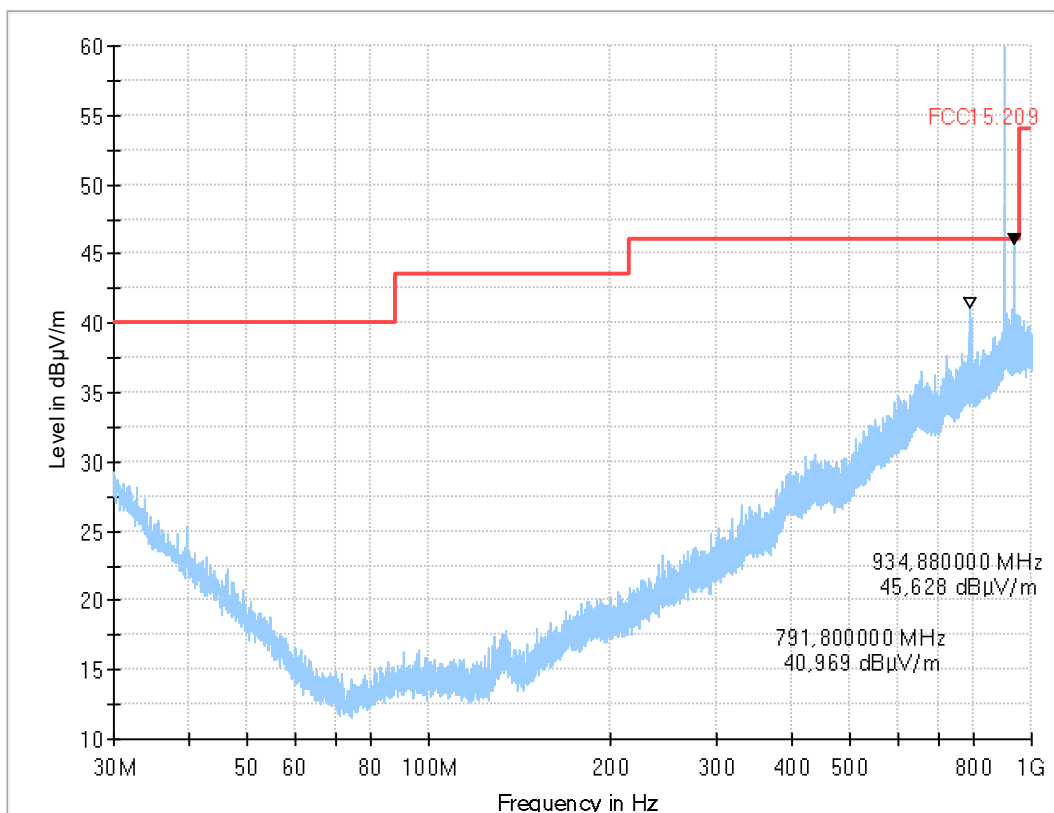
Full Spectrum



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
EUT Setup:	standing
Verdict:	Passed

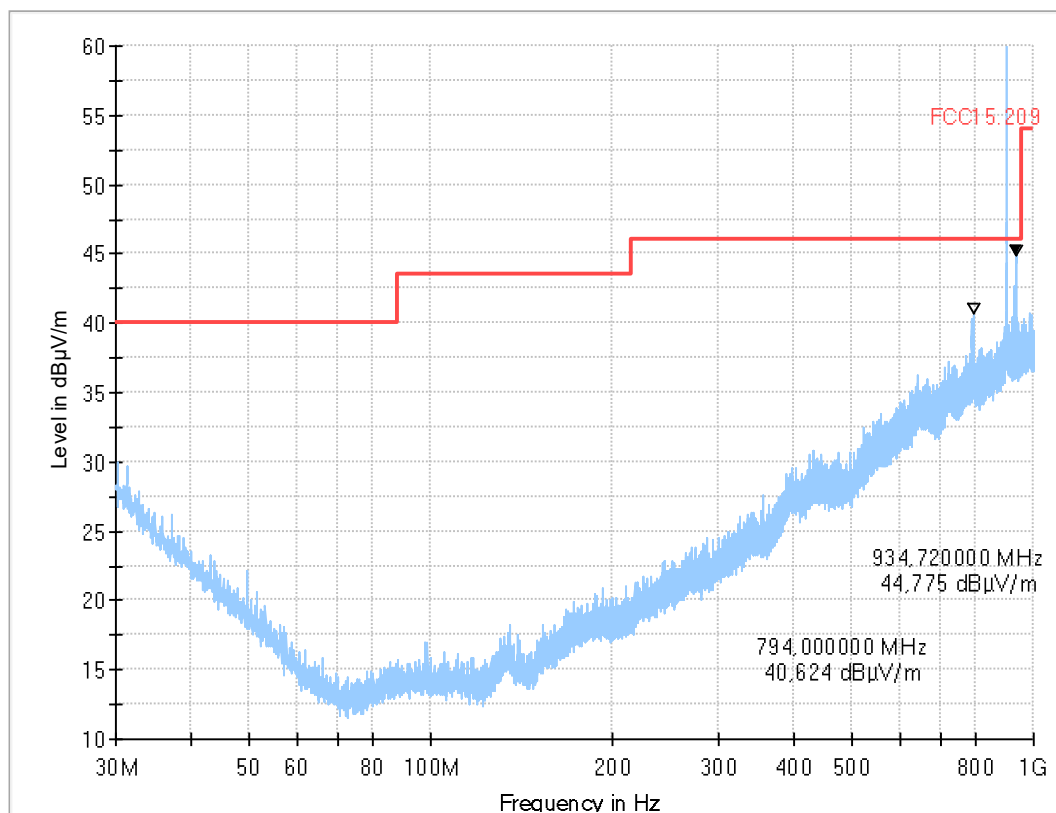


Remark: emissions at 791 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

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

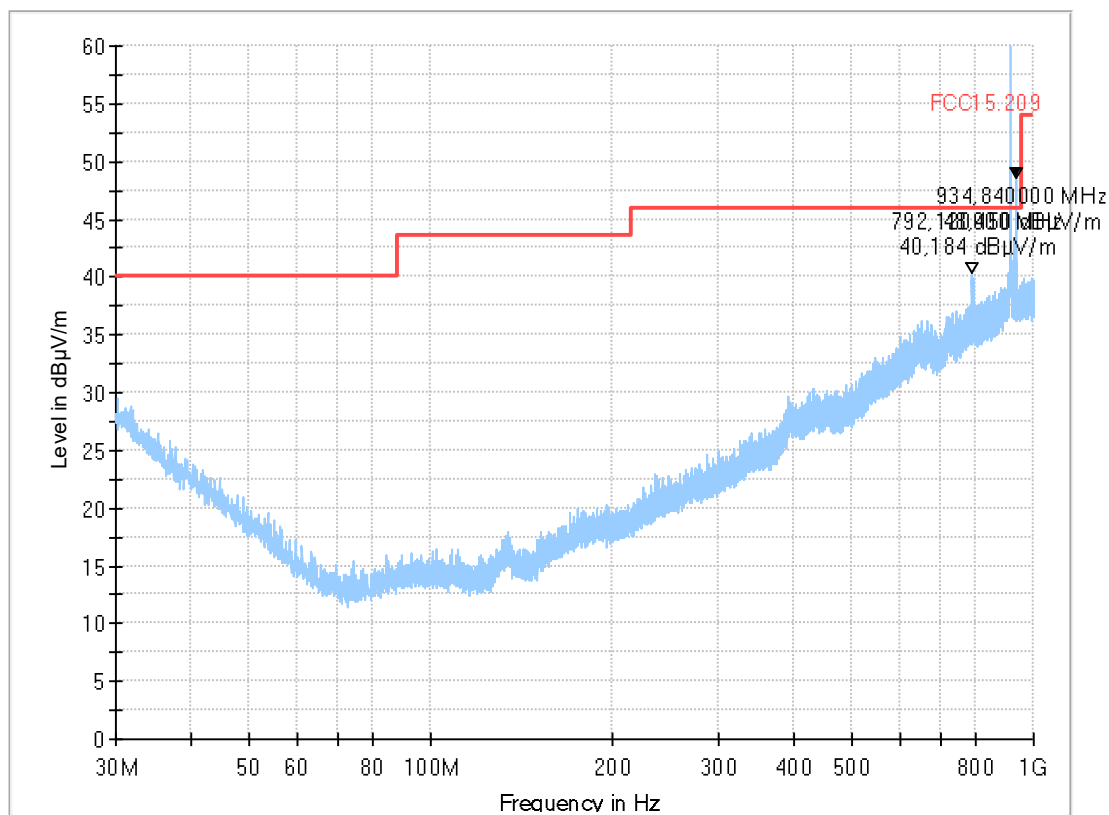


Remark: emissions at 794 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

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

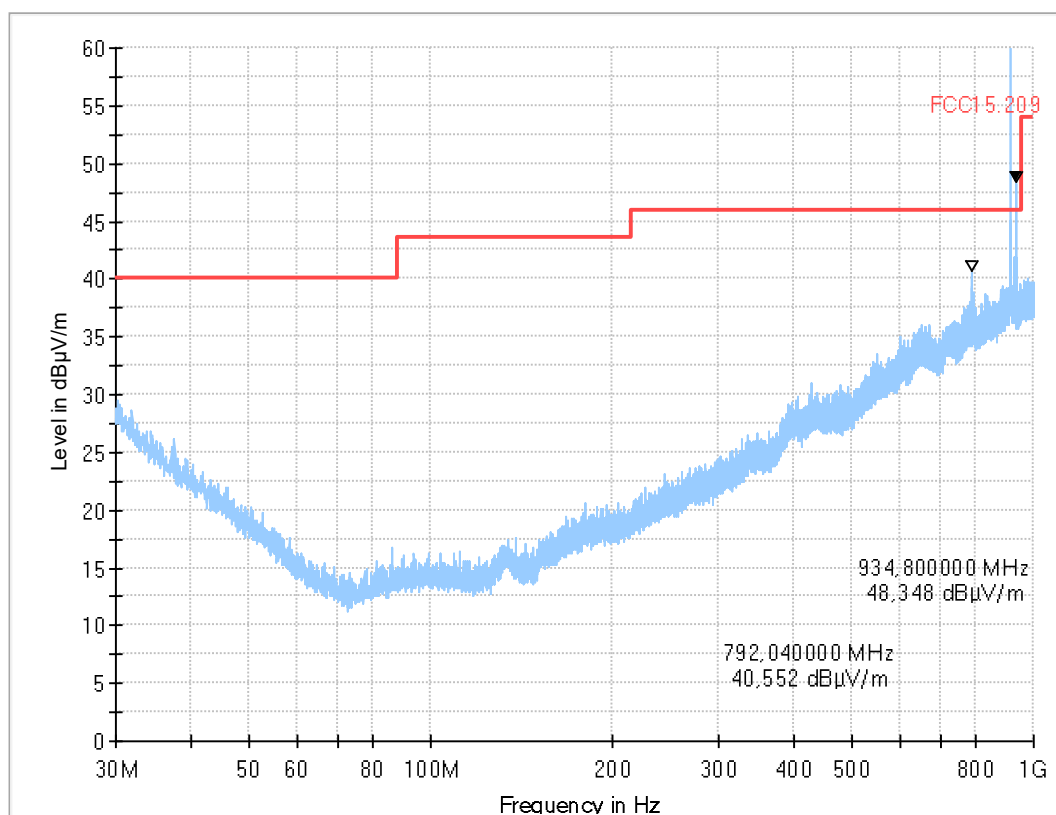


Remark: emissions at 792 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

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

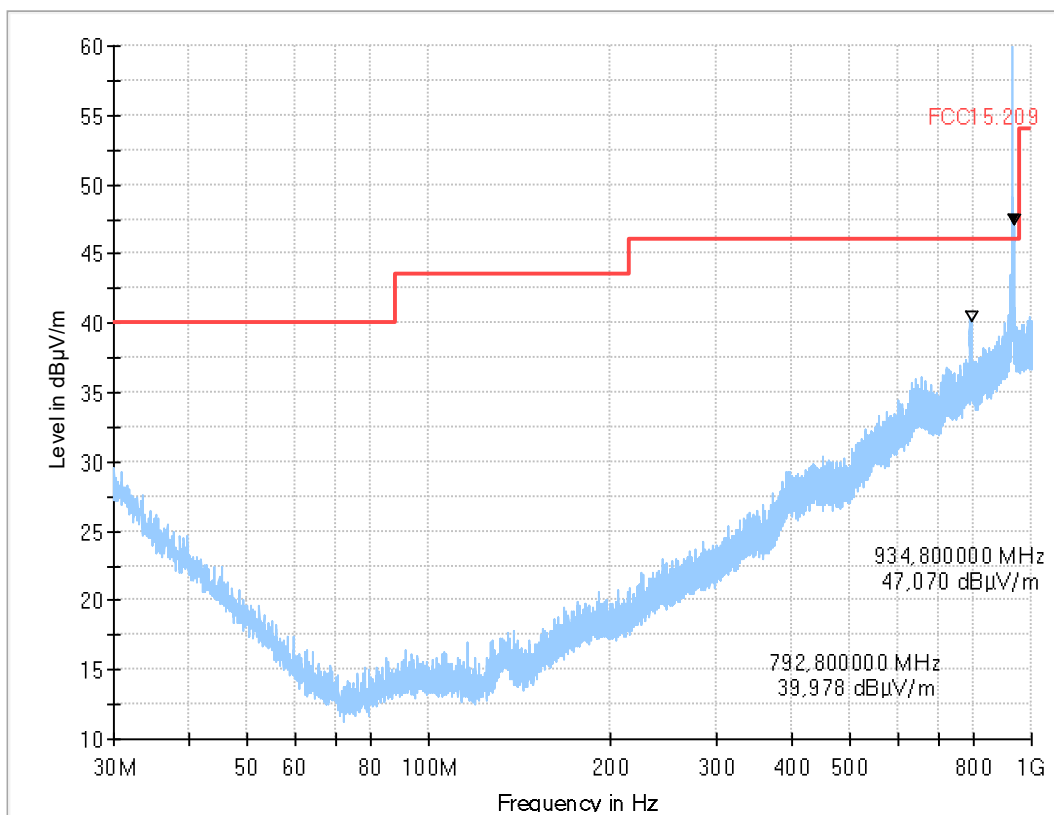


Remark: emissions at 792 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

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

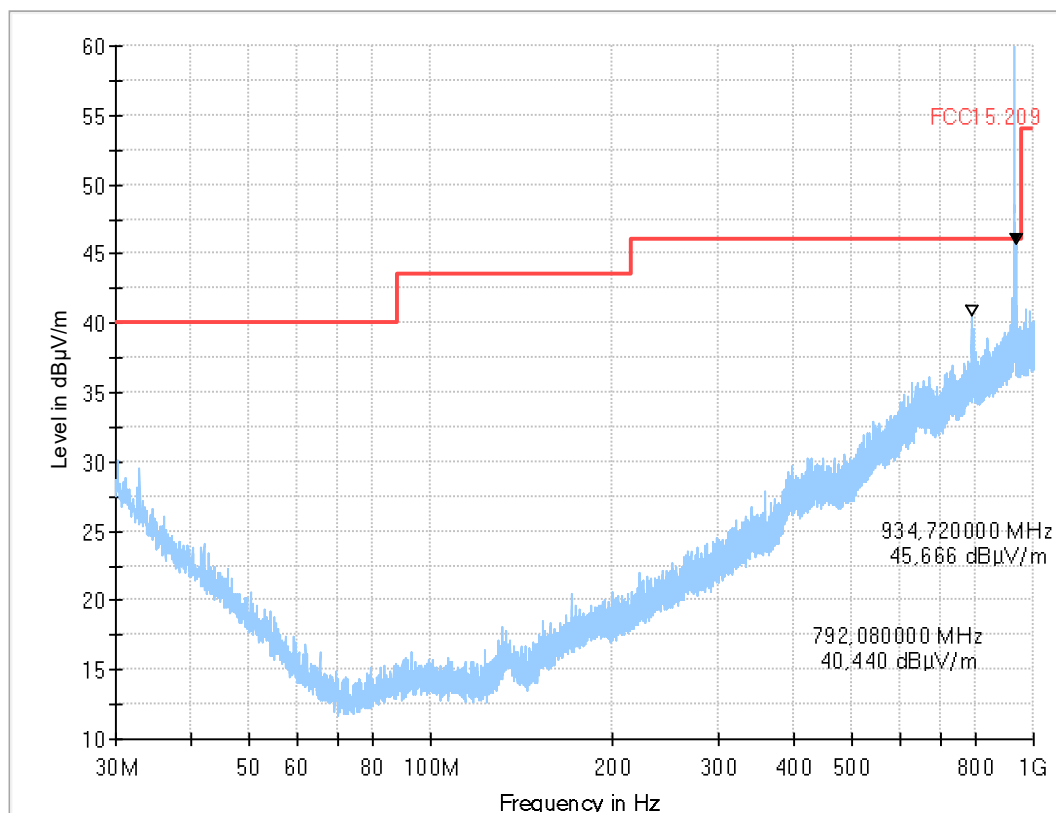


Remark: emissions at 792 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

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



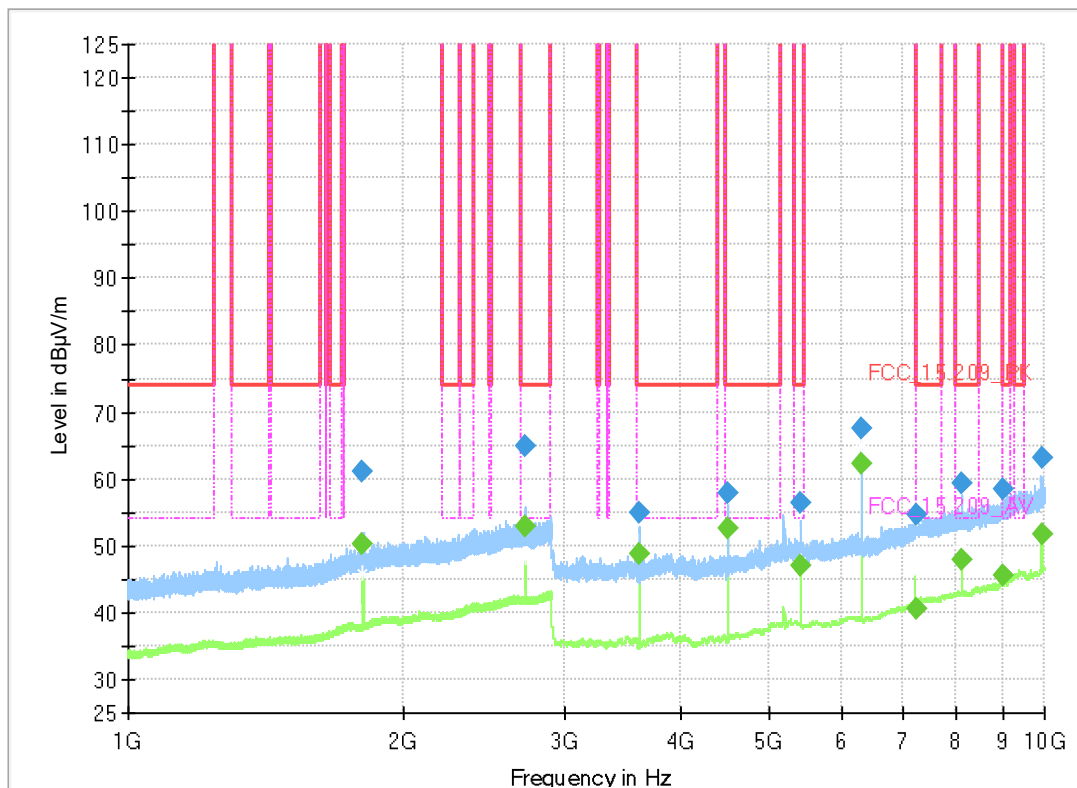
Remark: emissions at 792 MHz and 934 MHz are external interferer and not related to the EUT
emission exceeding limit is the wanted carrier and not relevant to the limit

4.01_RSE_ch0_retest

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 Part 15.247
Operating Mode:	mode 1 ch0
Environmental Conditions:	Humidity: 52%RH; Temperature: 21.9°C
SW-Version:	EMC32 V10.60.20
Operator:	Reda
Verdict:	Passed

Full Spectrum



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)	Raw Rec (dBµV)
1804.590000	61.18	*	-	1000.000	155.0	H	216.0	90.0	31.3	29.9
2706.773333	64.94	74.00	9.06	1000.000	155.0	H	292.0	90.0	34.5	30.4
3609.106666	54.87	74.00	19.13	1000.000	155.0	H	300.0	90.0	-4.1	59.0
3609.680000	54.96	74.00	19.04	1000.000	155.0	H	300.0	90.0	-4.1	59.0
4512.003333	57.47	74.00	16.53	1000.000	155.0	H	-9.0	90.0	-1.5	58.9
4512.193334	57.81	74.00	16.19	1000.000	155.0	H	-15.0	90.0	-1.5	59.3
5414.603333	56.25	74.00	17.75	1000.000	155.0	H	-15.0	90.0	1.1	55.2
5414.716666	55.77	74.00	18.23	1000.000	155.0	V	4.0	0.0	1.1	54.7
6315.926666	67.42	*	-	1000.000	155.0	H	306.0	90.0	1.2	66.2
6315.966667	67.42	*	-	1000.000	155.0	H	306.0	90.0	1.2	66.2
7261.436667	54.59	74.00	19.41	1000.000	155.0	H	30.0	90.0	4.5	50.1
8120.560000	59.22	74.00	14.78	1000.000	155.0	V	4.0	0.0	5.5	53.7
9022.893333	58.45	74.00	15.55	1000.000	155.0	V	-9.0	0.0	7.9	50.6
9926.816666	62.97	*	-	1000.000	155.0	H	133.0	90.0	9.6	53.4
9926.883333	63.11	*	-	1000.000	155.0	H	133.0	90.0	9.6	53.5

Remark *: emission not in restricted bands

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)	Raw Rec (dBµV)
1804.590000	50.31	*	-	1000.000	155.0	H	216.0	90.0	31.3	19.0
2706.773333	52.74	54.00	1.26	1000.000	155.0	H	292.0	90.0	34.5	18.2
3609.106666	48.71	54.00	5.29	1000.000	155.0	H	300.0	90.0	-4.1	52.8
3609.680000	49.12	54.00	4.88	1000.000	155.0	H	300.0	90.0	-4.1	53.2
4512.003333	52.52	54.00	1.48	1000.000	155.0	H	-9.0	90.0	-1.5	54.0
4512.193334	51.87	54.00	2.13	1000.000	155.0	H	-15.0	90.0	-1.5	53.3
5414.603333	47.08	54.00	6.92	1000.000	155.0	H	-15.0	90.0	1.1	46.0
5414.716666	46.10	54.00	7.90	1000.000	155.0	V	4.0	0.0	1.1	45.0
6315.926666	61.95	*	-	1000.000	155.0	H	306.0	90.0	1.2	60.8
7261.436667	40.67	54.00	13.33	1000.000	155.0	H	30.0	90.0	4.5	36.2
8120.560000	48.00	54.00	6.00	1000.000	155.0	V	4.0	0.0	5.5	42.5
9022.893333	45.42	54.00	8.58	1000.000	155.0	V	-9.0	0.0	7.9	37.5
9926.816666	51.63	*	-	1000.000	155.0	H	133.0	90.0	9.6	42.1
9926.883333	51.47	*	-	1000.000	155.0	H	133.0	90.0	9.6	41.9

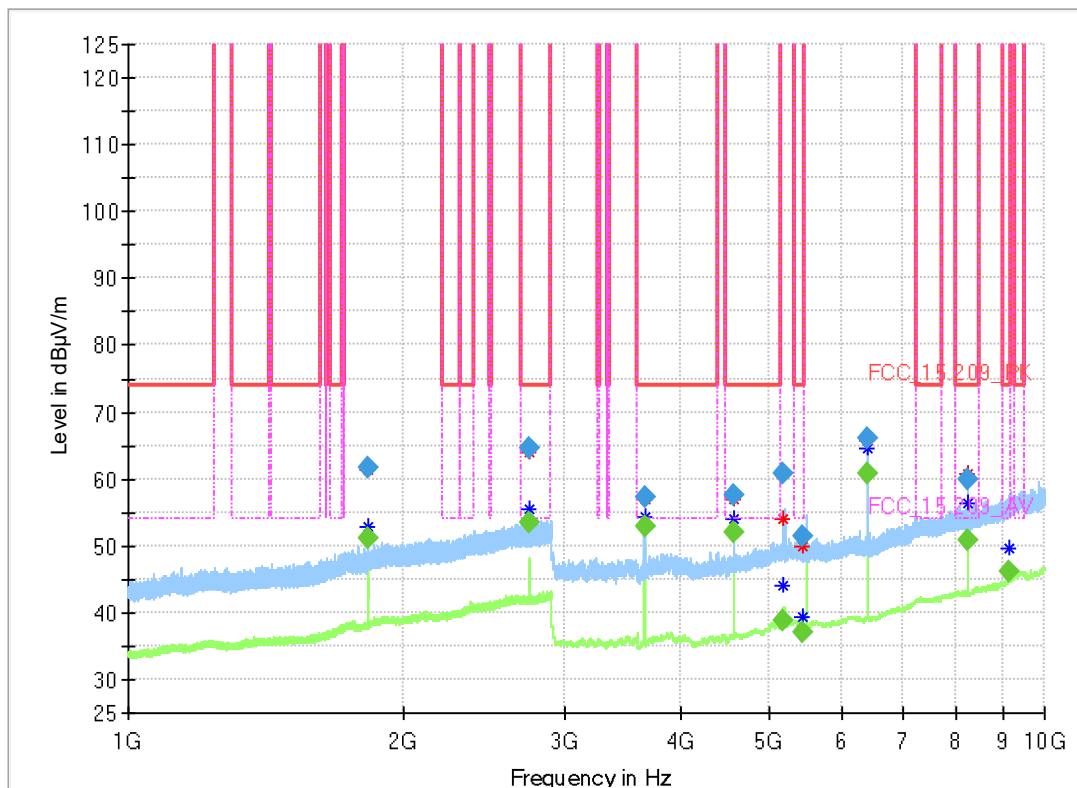
Remark *: emission not in restricted bands

4.02_RSE_ch31_retest

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 Part 15.247
Operating Mode:	mode 2 ch31
Environmental Conditions:	Humidity: 52%rH; Temperature: 21.9°C
SW-Version:	EMC32 V10.60.20
Operator:	Reda
Verdict:	Passed

Full Spectrum



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)	Raw Rec (dBµV)
1829.456667	61.60	*	-	1000.000	155.0	V	177.0	0.0	31.6	30.0
2743.990000	64.47	74.00	9.53	1000.000	155.0	V	150.0	0.0	34.5	30.0
3658.730000	57.18	74.00	16.82	1000.000	155.0	H	-28.0	90.0	-3.8	61.0
4573.986667	57.63	74.00	16.37	1000.000	155.0	H	191.0	90.0	-1.4	59.0
5173.420000	60.76	*	-	1000.000	155.0	V	241.0	0.0	1.1	59.7
5450.800000	51.42	74.00	22.58	1000.000	155.0	H	255.0	90.0	1.0	50.4
6402.763333	66.00	*	-	1000.000	155.0	H	-9.0	90.0	1.3	64.7
8232.073333	60.04	74.00	13.96	1000.000	155.0	H	-16.0	90.0	5.9	54.2

Remark *: emission not in restricted bands

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)	Trd Corr. (dB/m)
1829.426667	51.12	*	-	1000.000	155.0	V	177.0	0.0	31.6	27.2
2744.173333	53.54	54.00	0.46	1000.000	155.0	V	178.0	0.0	34.5	29.2
3658.816667	52.92	54.00	1.08	1000.000	155.0	H	-28.0	90.0	-3.8	31.8
4573.493334	51.91	54.00	2.09	1000.000	155.0	H	191.0	90.0	-1.4	32.4
5175.646667	38.73	*	-	1000.000	155.0	V	241.0	0.0	1.1	33.8
5455.640000	37.04	54.00	16.96	1000.000	155.0	H	243.0	90.0	1.0	34.0
6402.826666	60.75	*	-	1000.000	155.0	H	-10.0	90.0	1.3	34.6
8232.143334	50.80	54.00	3.20	1000.000	155.0	H	-10.0	90.0	5.9	37.0
9146.820000	46.12	54.00	7.88	1000.000	155.0	H	-3.0	90.0	8.3	37.3

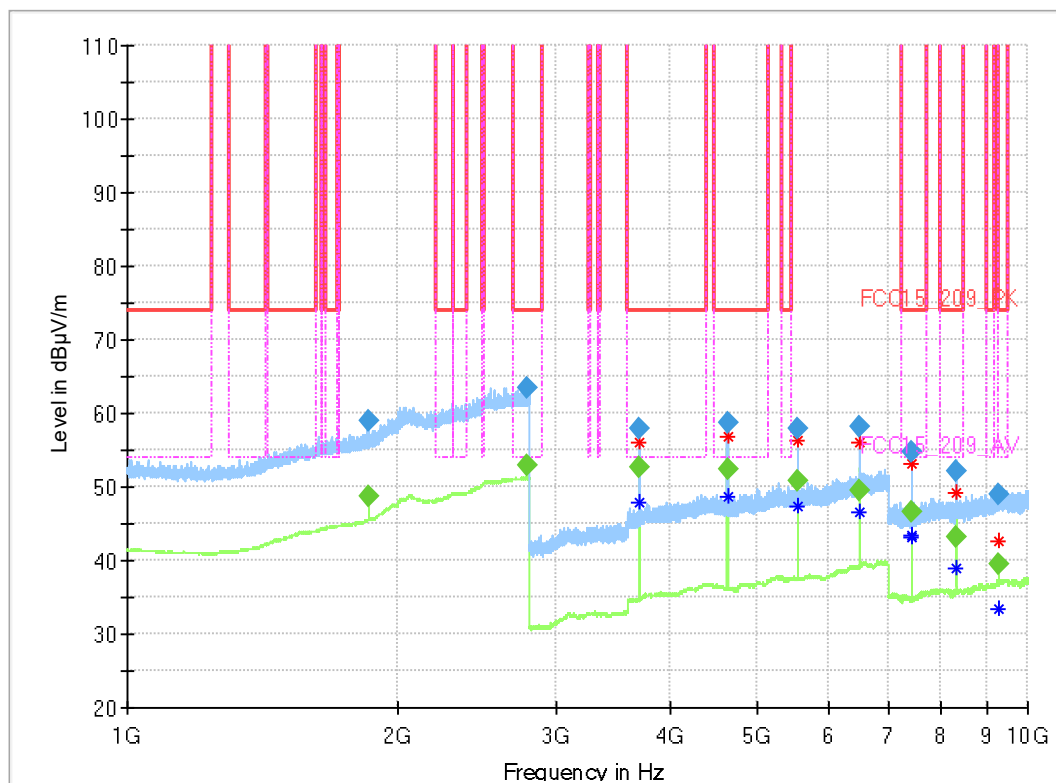
Remark *: emission not in restricted bands

4.03_RSE_ch63_retest3

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 Part 15.247
Operating Mode:	mode 3 ch63
Environmental Conditions:	Humidity: 52%rH; Temperature: 21.9°C
SW-Version:	EMC32 V10.60.20
Operator:	Reda
Verdict:	Passed

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
1854.970000	---	48.66	*	-	100.0	1000.000	155.0	H	161.0	90.0
1854.970000	58.99	---	*	-	100.0	1000.000	155.0	H	118.0	90.0
2782.890000	63.51	---	74.00	10.49	100.0	1000.000	155.0	H	189.0	0.0
2782.930000	---	52.91	54.00	1.09	100.0	1000.000	155.0	H	230.0	90.0
3710.570000	57.77	---	74.00	16.23	100.0	1000.000	155.0	H	238.0	90.0
3710.570000	---	52.69	54.00	1.31	100.0	1000.000	155.0	H	127.0	90.0
4638.210000	---	52.47	54.00	1.53	100.0	1000.000	155.0	V	274.0	0.0
4638.210000	58.63	---	74.00	15.37	100.0	1000.000	155.0	V	272.0	0.0
5565.850000	---	50.71	*	-	100.0	1000.000	155.0	H	272.0	90.0
5565.850000	57.83	---	*	-	100.0	1000.000	155.0	H	272.0	90.0
6492.410000	58.04	---	*	-	100.0	1000.000	155.0	H	91.0	90.0
6493.490000	---	49.49	*	-	100.0	1000.000	155.0	H	92.0	90.0
7419.890000	54.74	---	74.00	19.26	100.0	1000.000	155.0	V	275.0	0.0
7421.130000	---	46.65	54.00	7.35	100.0	1000.000	155.0	V	274.0	0.0
8347.370000	52.15	---	74.00	21.85	100.0	1000.000	155.0	H	230.0	90.0
8348.770000	---	43.19	54.00	10.81	100.0	1000.000	155.0	H	228.0	90.0
9276.370000	49.06	---	*	-	100.0	1000.000	155.0	V	97.0	0.0
9276.410000	---	39.46	*	-	100.0	1000.000	155.0	H	227.0	90.0

Remark *: emission not in restricted bands

Document History

Release No.	Chapter / Page	Applied changes	Reason	Release date
R01	-	Initial release	-	August 25, 2026
R02	1/ 12, 13, 14, 15	Final result limit value 150 dB μ V/m and corresponding margin removed	Emissions outside the restricted frequency band, so therefore the limit of 20/30 dBc, which is already checked in A201, applies	September 29, 2026

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