

Annex 202 – Test Results

No. 1-9816-25-02-04_TR1-A202-R01

June 26, 2026

Description

Test Result Diagrams

This document is electronically signed and valid without handwritten signature.
Public keys for verification of the electronic signatures can be requested at the testing laboratory.



authorized by

CN = Timo Franke email =
timo.
franke@cetecomadvanced.
com C = DE O = cetecom
advanced GmbH OU =
RadioLabs
2026.06.26 06:45:03 +02'00'

Timo Franke

Lab Manager

Compliance Testing & Innovation

1 Measurement diagrams

EUT Information for all following tests

Sample: 59.738
Power Supply : 3 V DC

2.01_RSE_ch0_standing

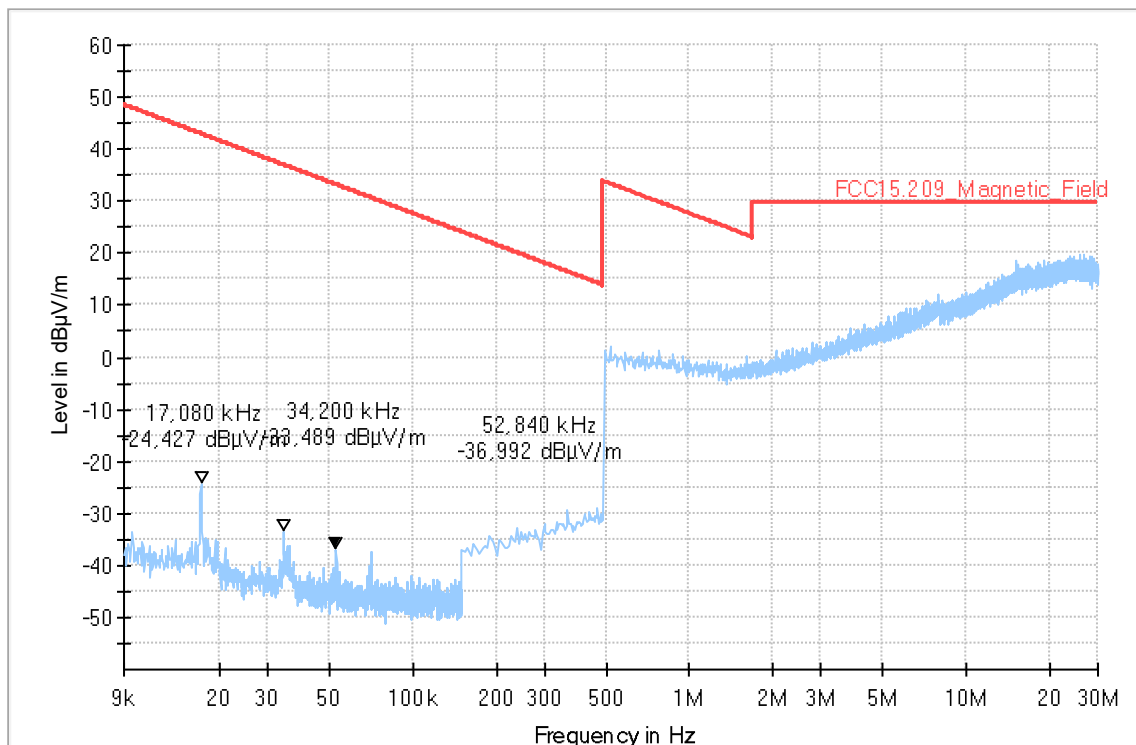
Common Information

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: PShin
Operating Mode: TX 902.4 MHz, PWR 18
Comment 1: Channel Low
Environmental Conditions: Humidity: 50 % rH; Temperature: 22.8 °C
EUT Setup: 1
Verdict: Passed

Full Spectrum

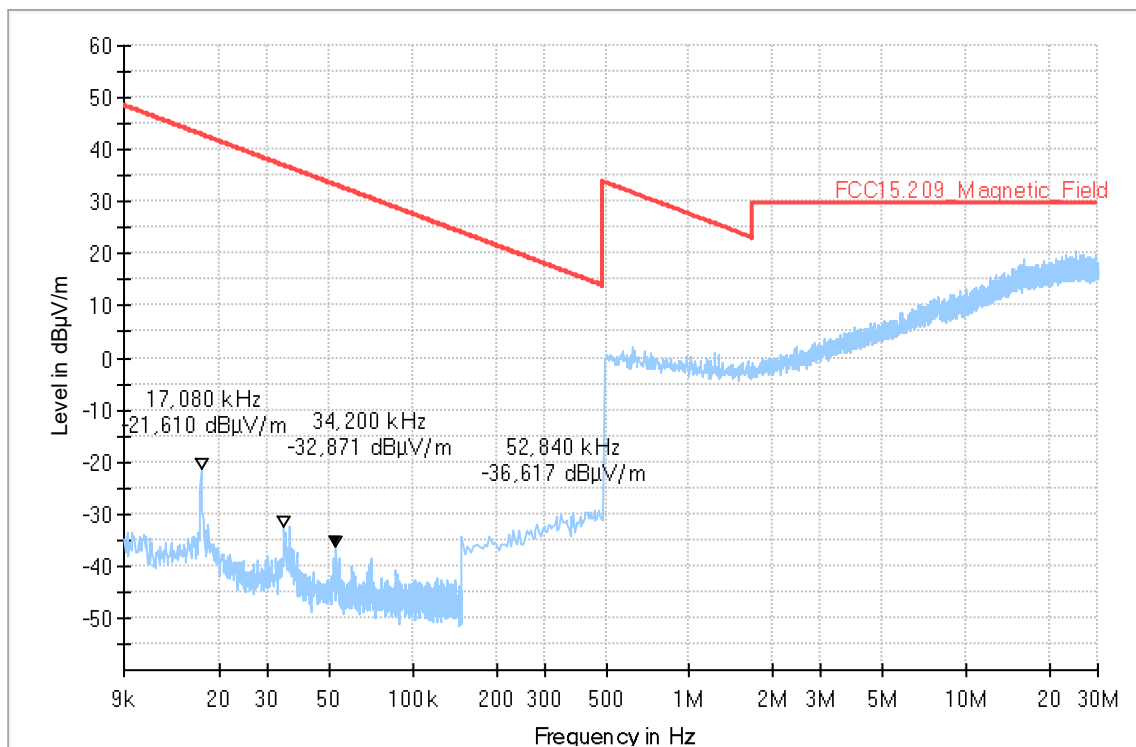


2.02_RSE_ch0_lying

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:	PShin
Operating Mode:	TX 902.4 MHz, PWR 18
Comment 1:	Channel Low
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

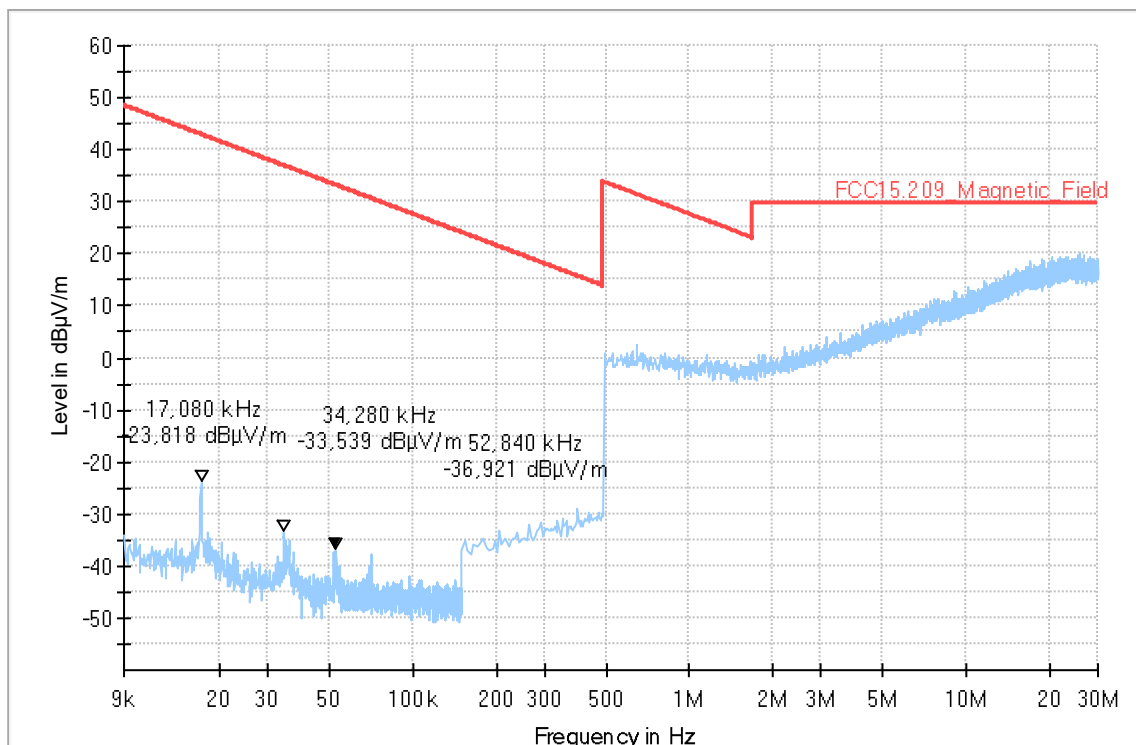


2.03_RSE_ch31_standing

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:	PShin
Operating Mode:	TX 914.8 MHz, PWR 18
Comment 1:	Channel Mid
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

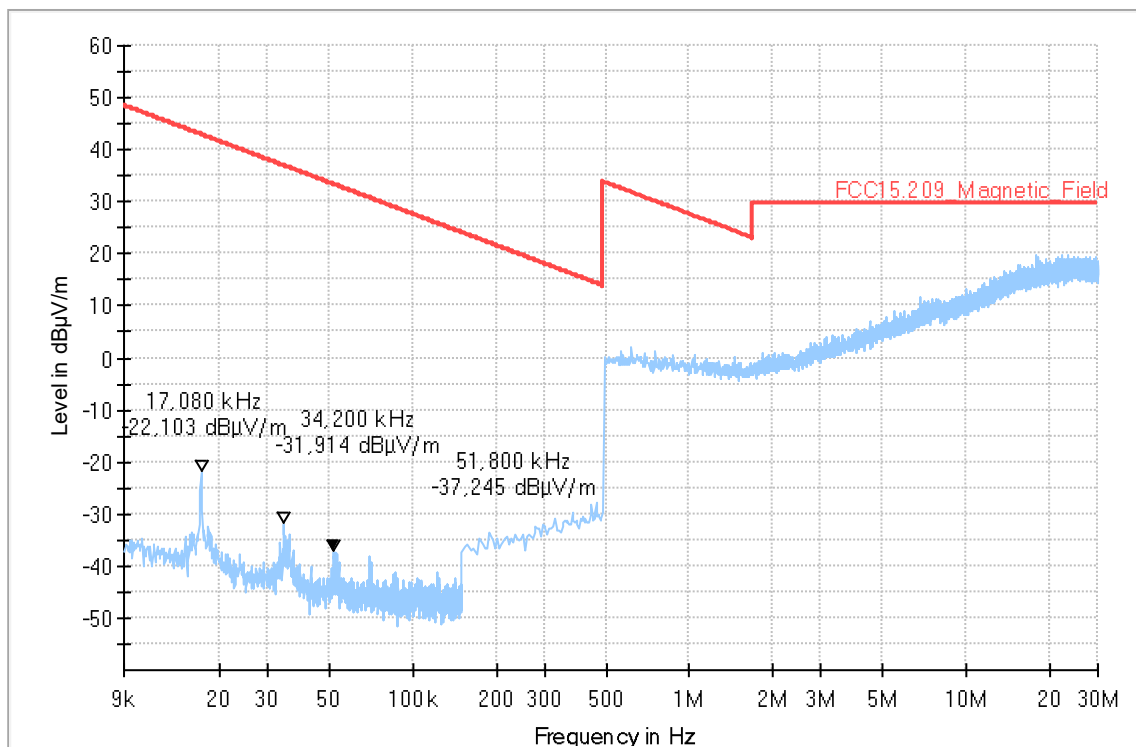


2.04_RSE_ch31_lying

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:	PShin
Operating Mode:	TX 914.8 MHz, PWR 18
Comment 1:	Channel Mid
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

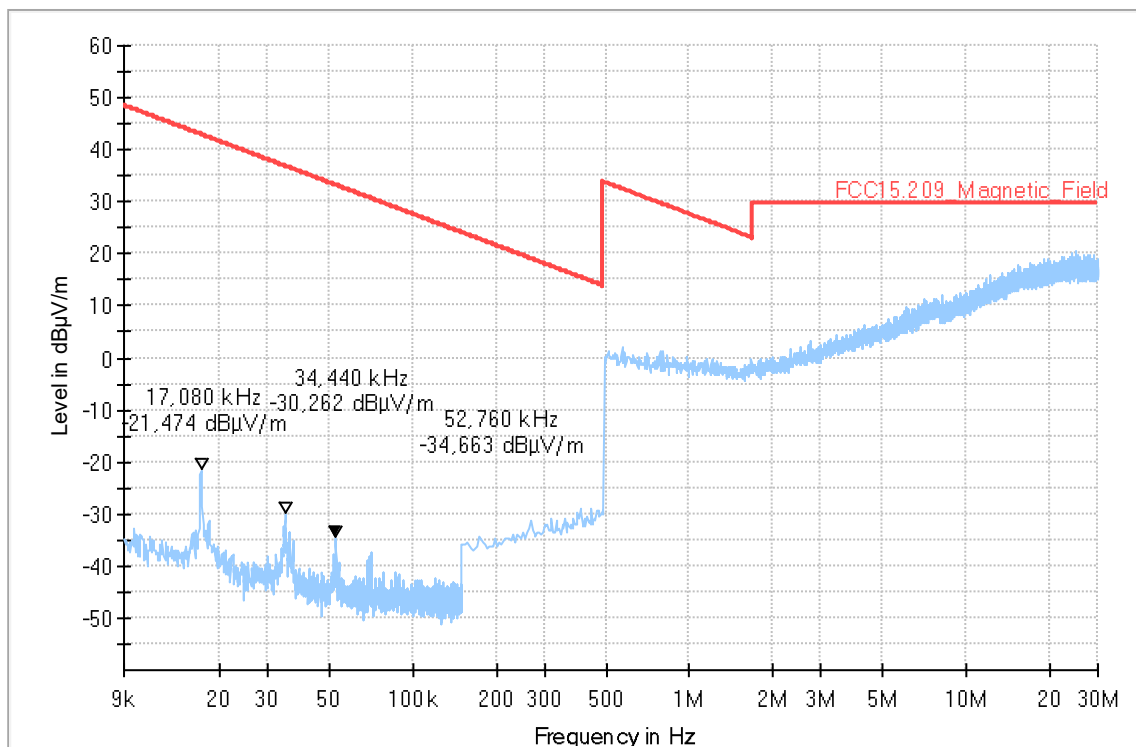


2.05_RSE_ch63_standing

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:	PShin
Operating Mode:	TX 927.6 MHz, PWR 18
Comment 1:	Channel High
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

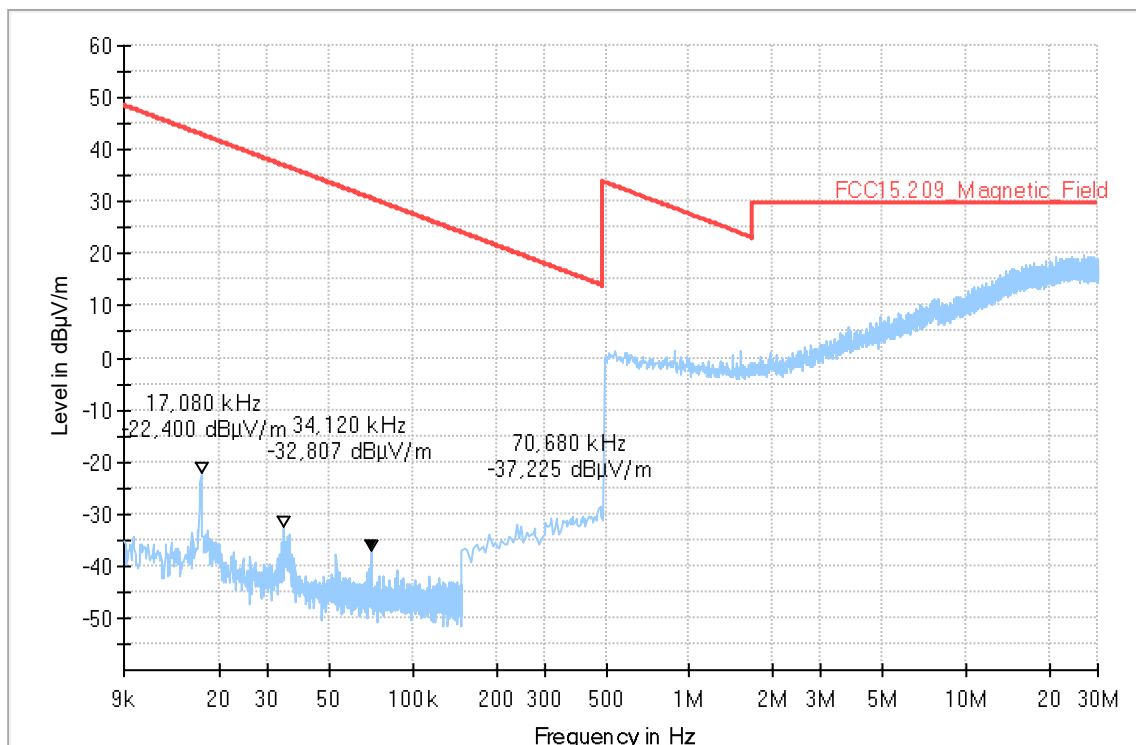


2.06_RSE_ch63_lying

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:	PShin
Operating Mode:	TX 927.6 MHz, PWR 18
Comment 1:	Channel High
Environmental Conditions:	Humidity: 50 % rH; Temperature: 22.8 °C
EUT Setup:	1
Verdict:	Passed

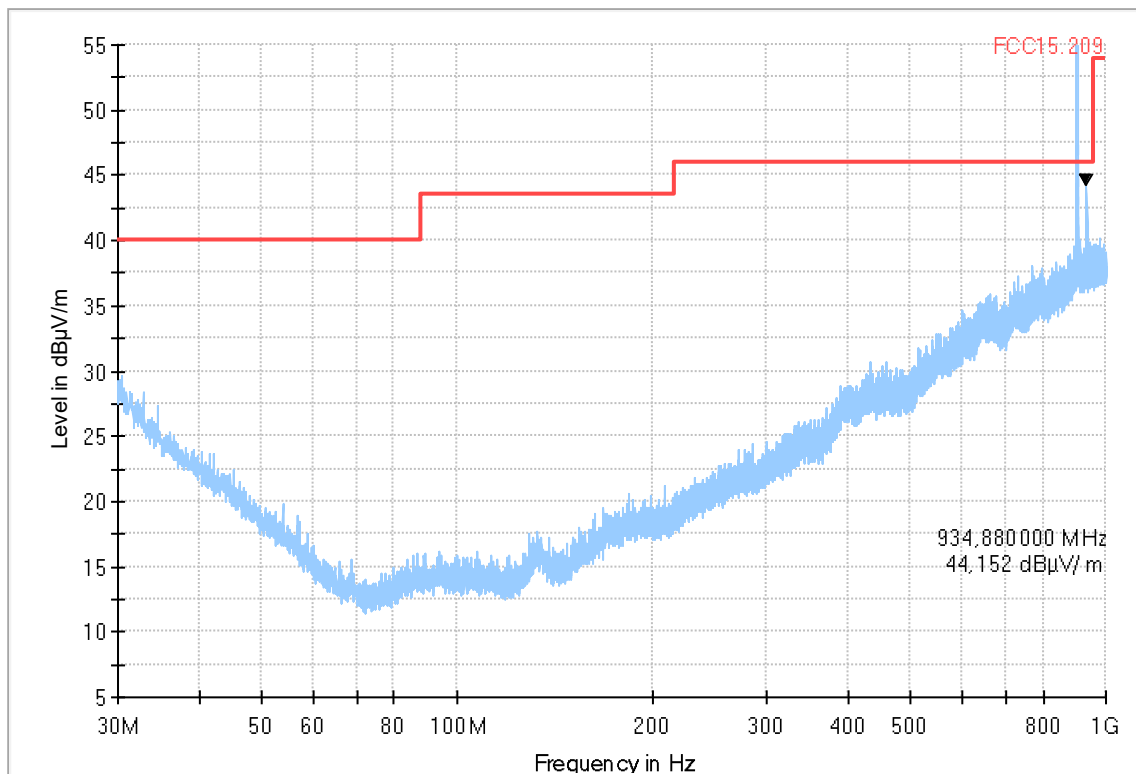
Full Spectrum



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: 50 %rH; Temperature: 20 °C
Operator Name:	PShin
Operating Mode:	TX 902.4 MHz, PWR 18
Operating channel:	Low
Comment:	Frequencies 934MHz due external cellular interferers, not relevant for results verdict
Verdict:	Passed

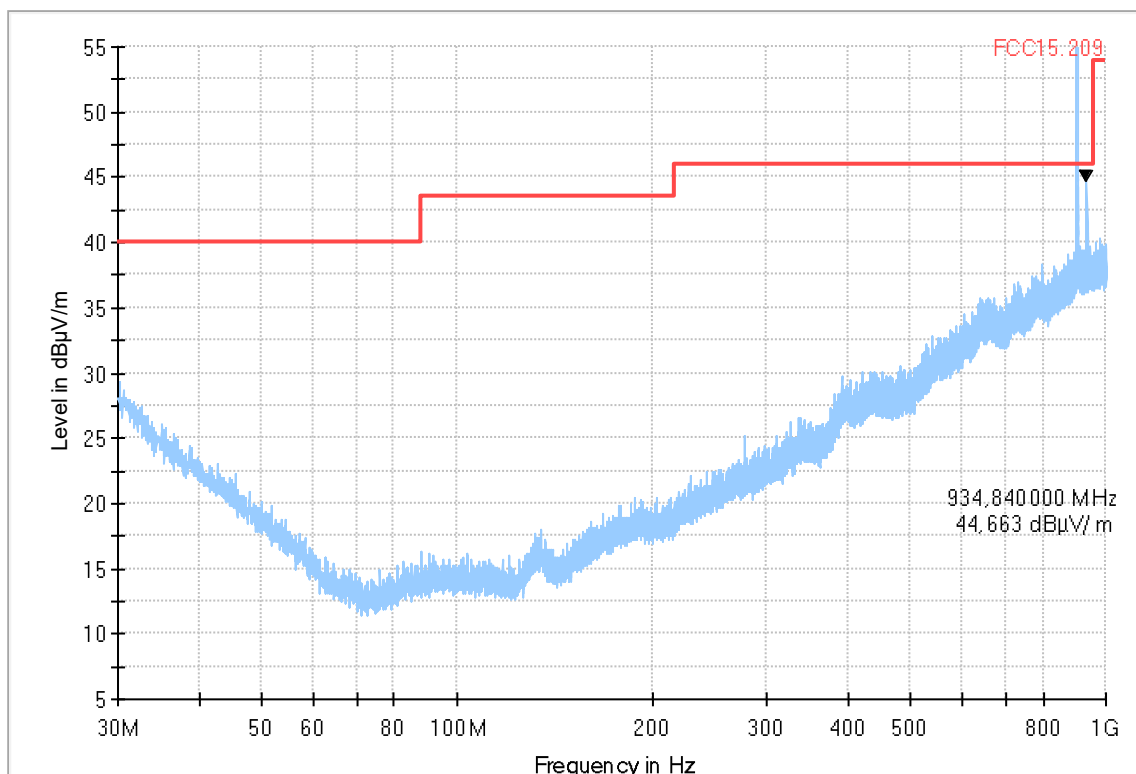


Remark: peak above limit it the wanted carrier and not relevant to the limit

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: 50 %rH; Temperature: 20 °C
Operator Name:	PShin
Operating Mode:	TX 902.4 MHz, PWR 18
Operating channel:	Low
Comment:	Frequencies 934MHz due external cellular interferers, not relevant for results verdict
Verdict:	Passed

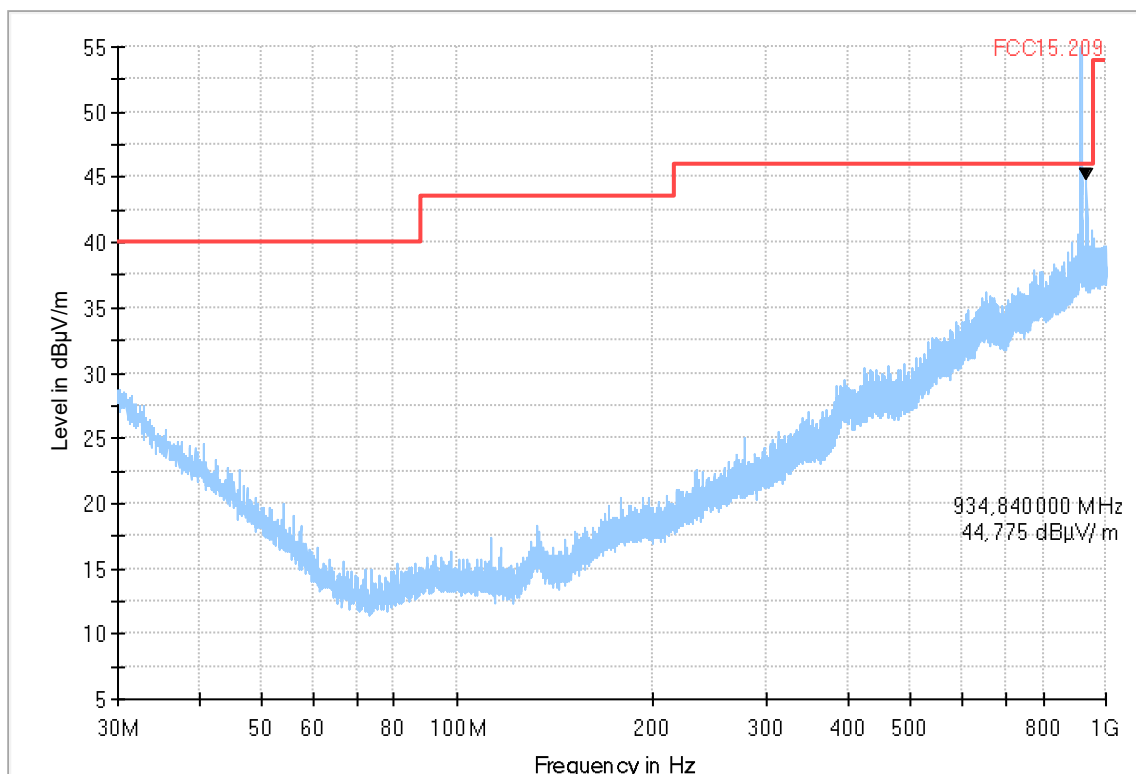


Remark: peak above limit it the wanted carrier and not relevant to the limit

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: 50 %rH; Temperature: 20 °C
Operator Name:	PShin
Operating Mode:	TX 914.8 MHz, PWR 18
Operating channel:	Mid
Comment:	Frequencies 934MHz due external cellular interferers, not relevant for results verdict
Verdict:	Passed

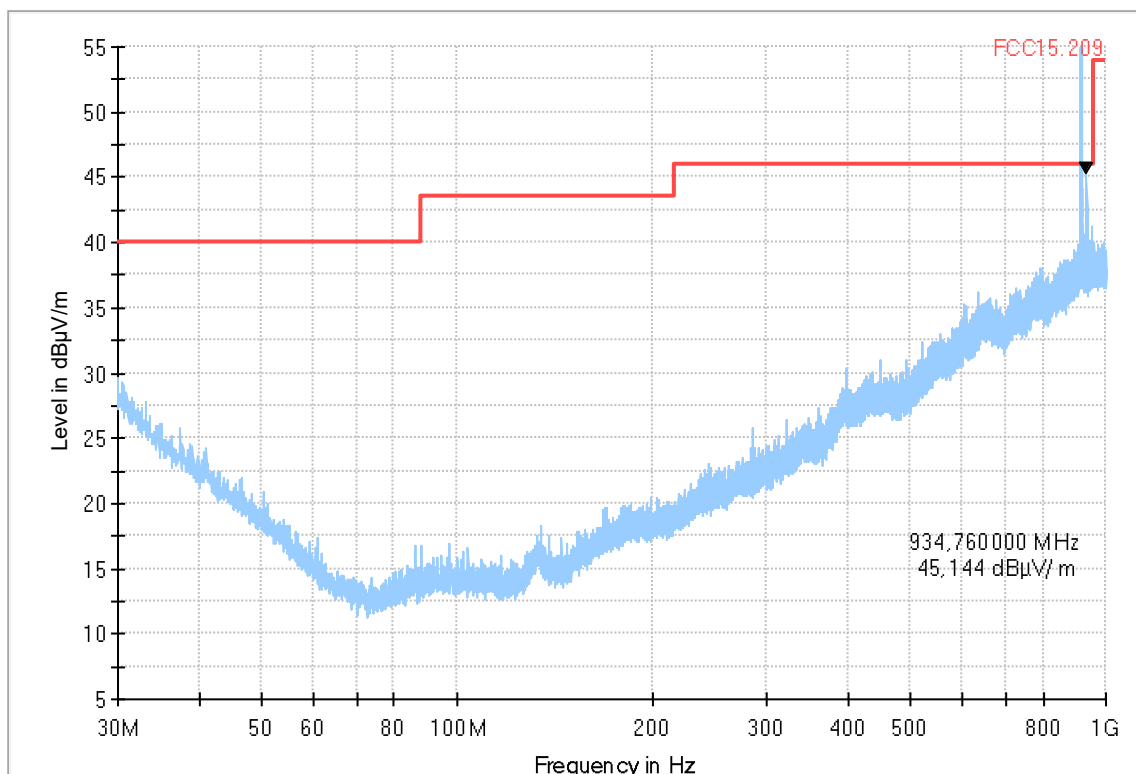


Remark: peak above limit it the wanted carrier and not relevant to the limit

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: 50 %rH; Temperature: 20 °C
Operator Name:	PShin
Operating Mode:	TX 914.8 MHz, PWR 18
Operating channel:	Mid
Comment:	Frequencies 934MHz due external cellular interferers, not relevant for results verdict
Verdict:	Passed

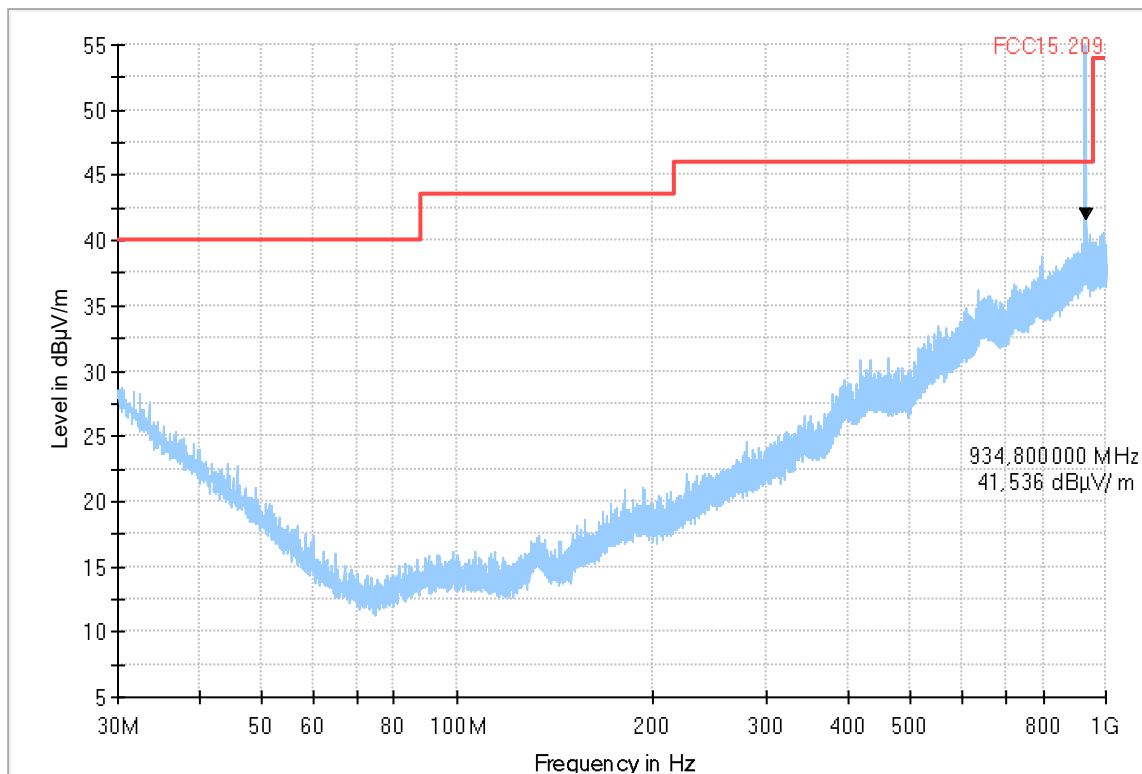


Remark: peak above limit it the wanted carrier and not relevant to the limit

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: 50 %rH; Temperature: 20 °C
Operator Name:	PShin
Operating Mode:	TX 927.6 MHz, PWR 18
Operating channel:	High
Comment:	Frequencies 934MHz due external cellular interferers, not relevant for results verdict
Verdict:	Passed

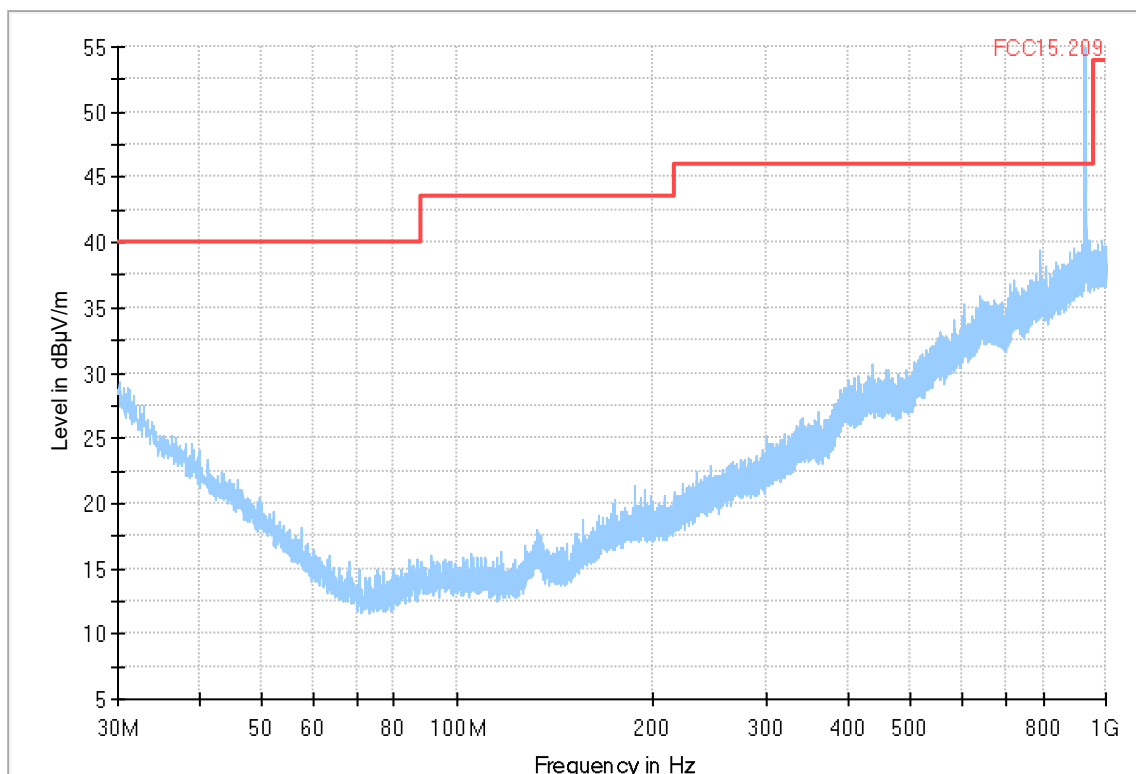


Remark: peak above limit it the wanted carrier and not relevant to the limit

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: 50 %rH; Temperature: 20 °C
Operator Name:	PShin
Operating Mode:	TX 927.6 MHz, PWR 18
Operating channel:	High
Comment:	Frequencies 934MHz due external cellular interferers, not relevant for results verdict
Verdict:	Passed



Remark: peak above limit it the wanted carrier and not relevant to the limit

4.01_RSE_ch0

Common Information

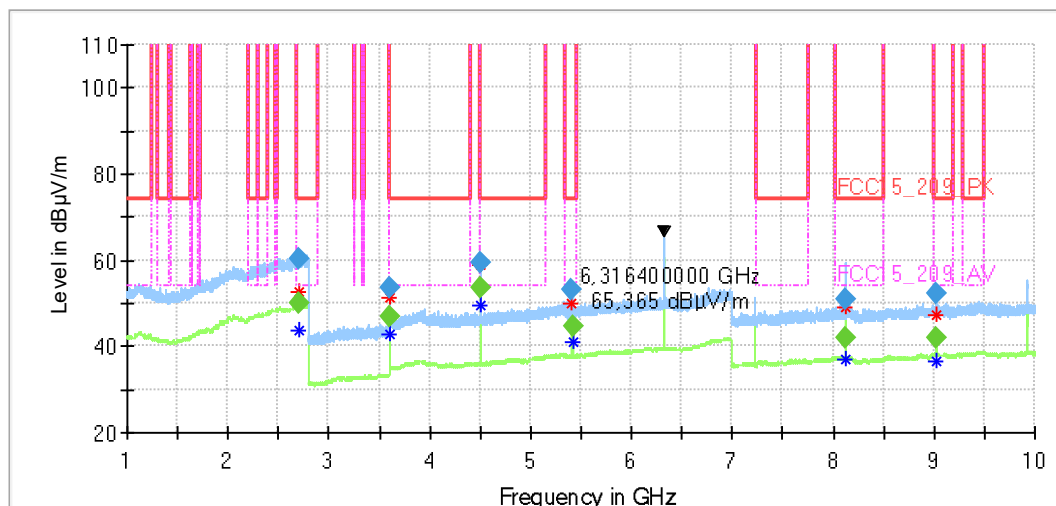
Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
 Antenna polarisation: horizontal/vertical

 Operating Mode: TX 902.4 MHz, PWR 18
 Set-up no. 1
 Operator: PShin
 Comment: Channel no. 0
 Environmental Conditions: Humidity: 50 % rH; Temperature: 20 °C
 Verdict: Failed

EUT Information

Sample: 59.378
 Power Supply : 3 V DC

Full Spectrum



Final_Result

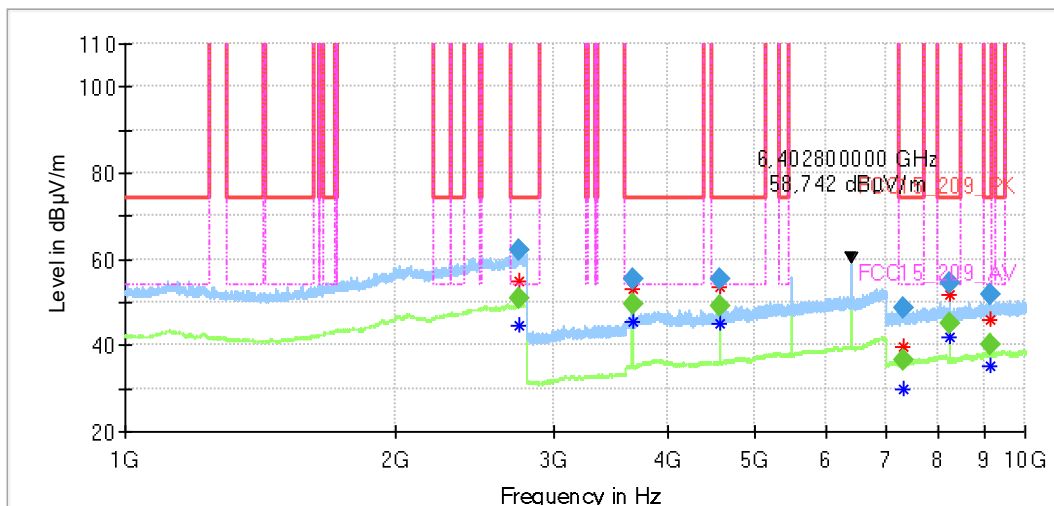
Frequency (MHz)	MaxPeak	Average (dBµV/)	Limit (dBµV/)	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Elevation
2706.850000	60.45	---	74.00	13.55	100.0	1000.00	155.	H	337.0	90.0
2706.850000	---	49.98	54.00	4.02	100.0	1000.00	155.	V	77.0	0.0
3609.130000	53.43	---	74.00	20.57	100.0	1000.00	155.	V	18.0	90.0
3609.130000	---	46.97	54.00	7.03	100.0	1000.00	155.	V	20.0	90.0
4512.170000	59.59	---	74.00	14.41	100.0	1000.00	155.	V	-12.0	90.0
4512.210000	---	53.79	54.00	0.21	100.0	1000.00	155.	V	-12.0	90.0
5413.730000	53.08	---	74.00	20.92	100.0	1000.00	155.	H	92.0	90.0
5414.610000	---	44.74	54.00	9.26	100.0	1000.00	155.	H	90.0	90.0
8121.930000	50.99	---	74.00	23.01	100.0	1000.00	155.	H	-8.0	0.0
8121.970000	---	41.89	54.00	12.11	100.0	1000.00	155.	H	-9.0	0.0
9022.810000	---	41.91	54.00	12.09	100.0	1000.00	155.	V	-13.0	90.0
9024.370000	52.23	---	74.00	21.77	100.0	1000.00	155.	V	338.0	90.0

4.02_RSE_ch31

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	TX 914.8 MHz, PWR 18
Set-up no.	1
Operator:	PShin
Comment:	Channel no. 31
Environmental Conditions:	Humidity: 50 % rH; Temperature: 20 °C
Verdict:	Passed

Full Spectrum



Final_Result

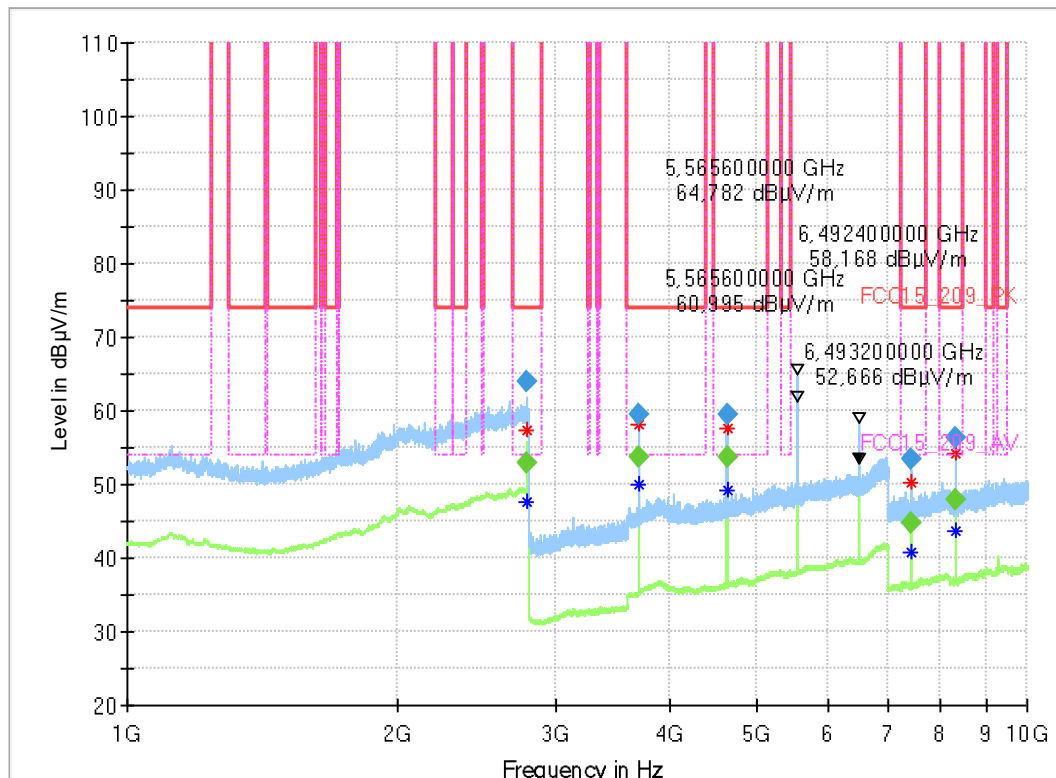
Frequency (MHz)	MaxPeak	Average (dBµV/)	Limit (dBµV/)	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Elevation
2744.050000	---	50.75	54.00	3.25	100.0	1000.00	155.	V	92.0	0.0
2744.530000	61.88	---	74.00	12.12	100.0	1000.00	155.	H	-32.0	0.0
3658.730000	---	49.74	54.00	4.26	100.0	1000.00	155.	V	20.0	90.0
3658.730000	55.19	---	74.00	18.81	100.0	1000.00	155.	V	19.0	90.0
4574.170000	---	49.25	54.00	4.75	100.0	1000.00	155.	V	330.0	90.0
4574.170000	55.28	---	74.00	18.72	100.0	1000.00	155.	V	-27.0	90.0
7317.450000	---	36.60	54.00	17.40	100.0	1000.00	155.	V	88.0	0.0
7318.690000	48.81	---	74.00	25.19	100.0	1000.00	155.	V	270.0	0.0
8232.130000	---	45.20	54.00	8.80	100.0	1000.00	155.	V	19.0	90.0
8233.530000	54.56	---	74.00	19.44	100.0	1000.00	155.	V	-4.0	90.0
9146.850000	51.95	---	74.00	22.05	100.0	1000.00	155.	V	-2.0	90.0
9148.370000	---	40.30	54.00	13.70	100.0	1000.00	155.	V	4.0	90.0

4.04_RSE_ch63

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	TX 927.6 MHz, PWR 18
Set-up no.	1
Operator:	SOz
Comment:	Channel no. 63
Environmental Conditions:	Humidity: 50 % rH; Temperature: 20 °C
Verdict:	Passed

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak	Average (dBµV/)	Limit (dBµV/)	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Elevation
2782.450000	---	52.97	54.00	1.03	100.0	1000.00	155.	H	1.0	0.0
2782.450000	63.89	---	74.00	10.11	100.0	1000.00	155.	H	0.0	0.0
3709.930000	59.43	---	74.00	14.57	100.0	1000.00	155.	V	185.0	90.0
3709.930000	---	53.68	54.00	0.32	100.0	1000.00	155.	V	188.0	90.0
4638.170000	---	53.79	54.00	0.21	100.0	1000.00	155.	V	196.0	90.0
4638.210000	59.40	---	74.00	14.60	100.0	1000.00	155.	V	198.0	90.0
7421.090000	53.36	---	74.00	20.64	100.0	1000.00	155.	H	118.0	90.0
7421.090000	---	44.64	54.00	9.36	100.0	1000.00	155.	V	94.0	0.0
8347.330000	---	47.78	54.00	6.22	100.0	1000.00	155.	V	176.0	0.0
8347.370000	56.30	---	74.00	17.70	100.0	1000.00	155.	V	178.0	0.0

Document History

Release	Applied changes	Release date
R01	Initial release	June 26, 2026

- END OF DOCUMENT -