

Annex 1: Measurement diagrams

23-1-0017601T027_TR1-A201-R03

Number of pages:	71	Date of Report:	2024-Oct-11
Testing company:	cetecom advanced GmbH Untertuerkheimer Str. 6-10 66117 Saarbruecken GERMANY	Applicant:	VALEO Telematik und Akustik GmbH
Product: Model:	Emergency call control unit MBECALL-NAR-01		
FCC ID:	QWY-MBECALL-NAR01	IC:	6588A-MBECALLNAR1
		PMN:	MBECALL-NAR-01
		HVIN:	MBECALL-NAR-01
		FVIN:	E120 R551
Testing has been carried out in accordance with:	FCC Regulations Title 47 CFR, Chapter I, Subchapter A Part 15, Subpart C Intentional Radiators; § 15.209 Radiated emission limits; general requirements Title 47 CFR, Chapter I, Subchapter B Part 22, Subpart H Cellular Radiotelephone Service Part 24, Subpart E Paging and Radiotelephone Service Part 27, Subpart C Miscellaneous Wireless Communications Services Title 47 CFR, Chapter I, Subchapter D Part 90, Subpart I, General technical standards; Subpart S Private Land Mobile Radio Services ISED-Regulations, Radio Standards Specification RSS-Gen, Issue 5 General Requirements for Compliance of Radio Apparatus RSS-130, Issue 2 Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz RSS-132, Issue 4 Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz RSS-133, Issue 7 Personal Communications Service Equipment Operating in the Bands 1850-1915 MHz and 1930-1995 MHz RSS-139, Issue 4 Advanced Wireless Services Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz RSS-199, Issue 4 Broadband Radio Service (BRS) Equipment Operating in the Band 2500–2690 MHz		

Measurement diagrams

1.1 External Antenna

1.1.1 Magnetic field strength

EUT Information for external antenna tests

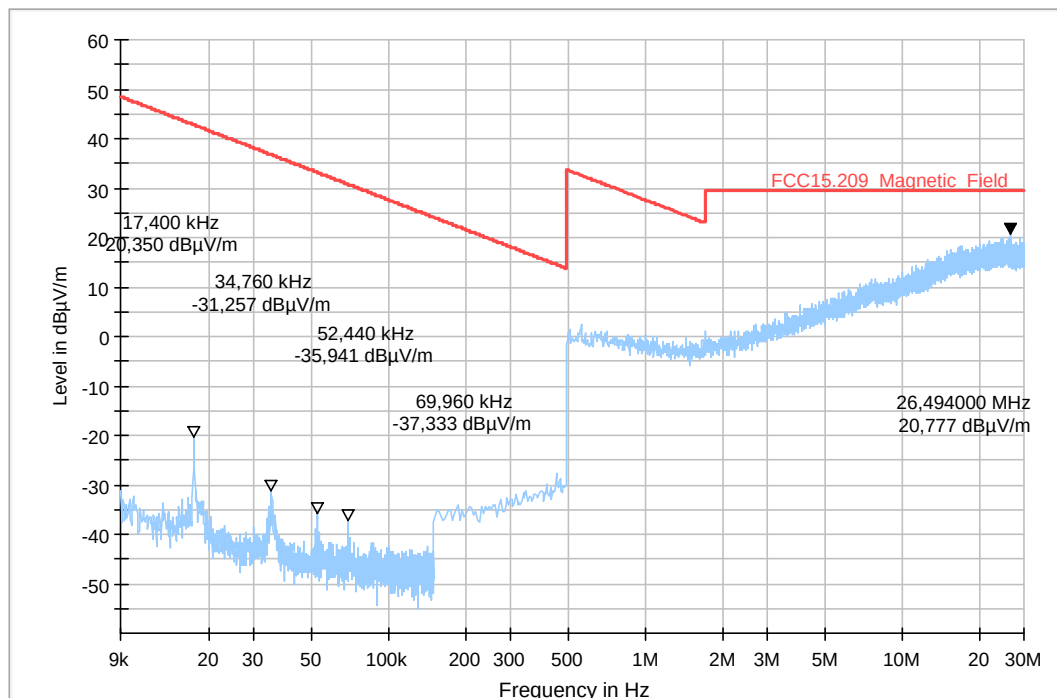
PMT number: 23-1-00176S31_C01
 Power: 12 V DC

2.201_H_field_LTE_FDD_B02_CH_18900

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
EUT Position:	lying
Operator:	PSt
Operating Mode:	LTE_FDD_B02_CH_18900
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

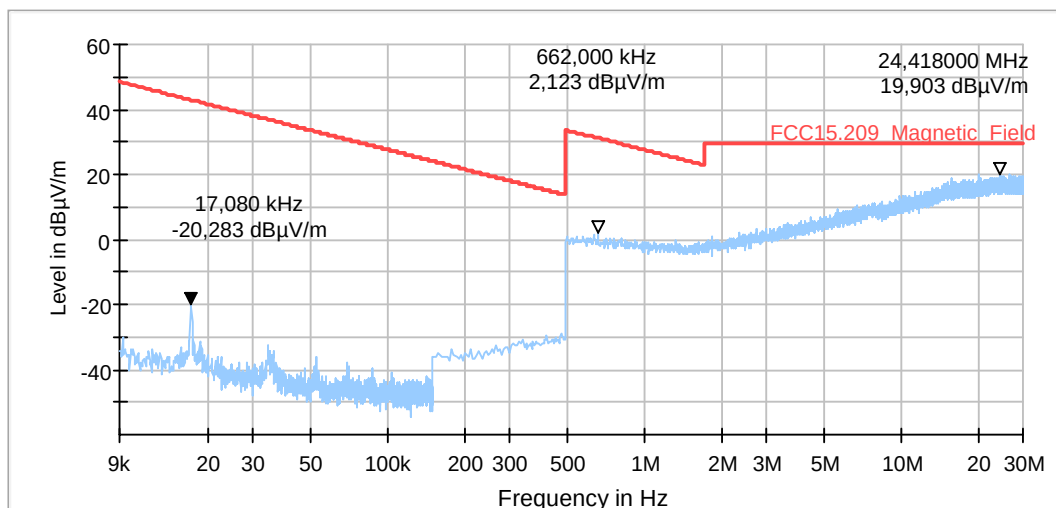


2.202_H_field_LTE_FDD_B02_CH_18900

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B02_CH_18900
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

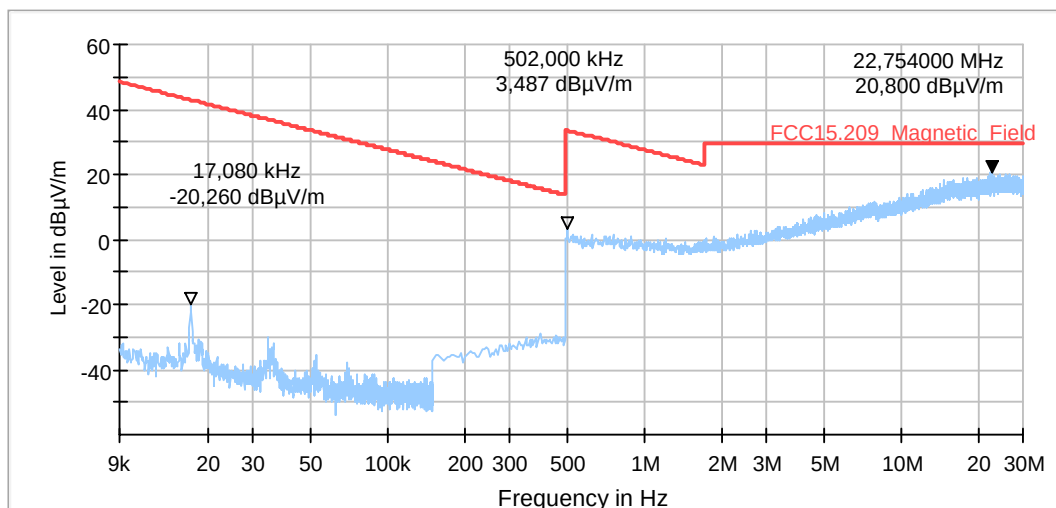


2.401_Traffic_mode_LTE_FDD_B04_CH_20175

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B04_CH_20175
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

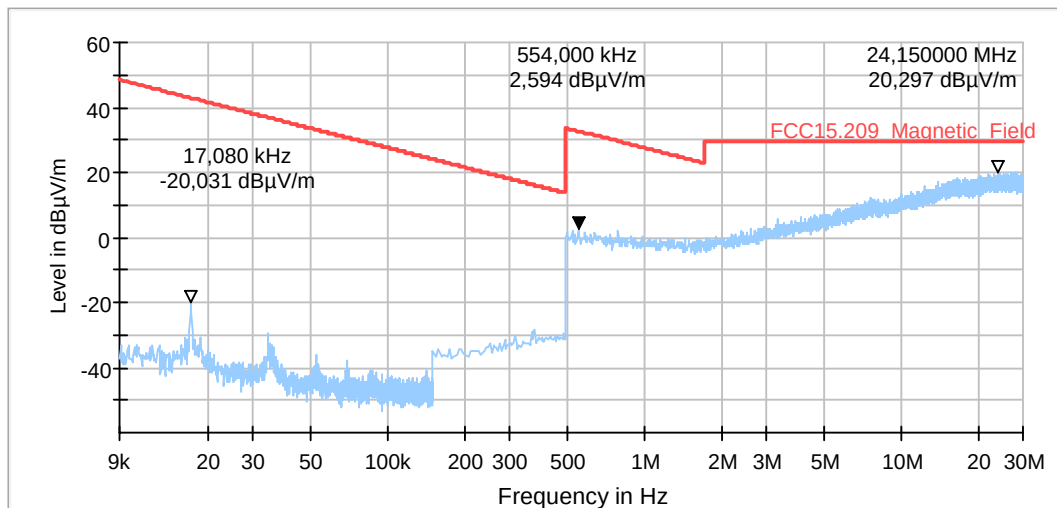


2.501_Traffic_mode_LTE_FDD_B05_CH_20525

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B05_CH_20525
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

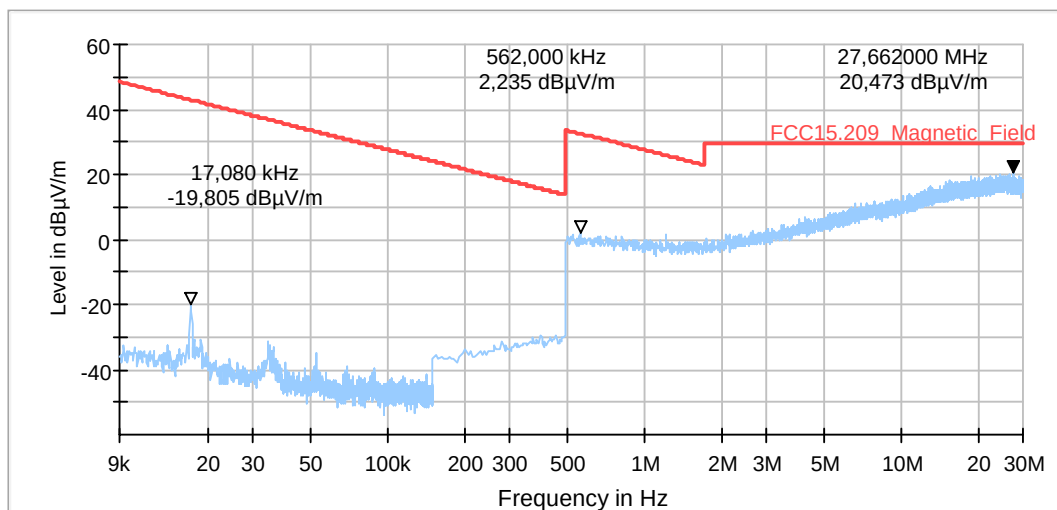


2.701_H_field_LTE_FDD_B07_CH_21100

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B07_CH_21100
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

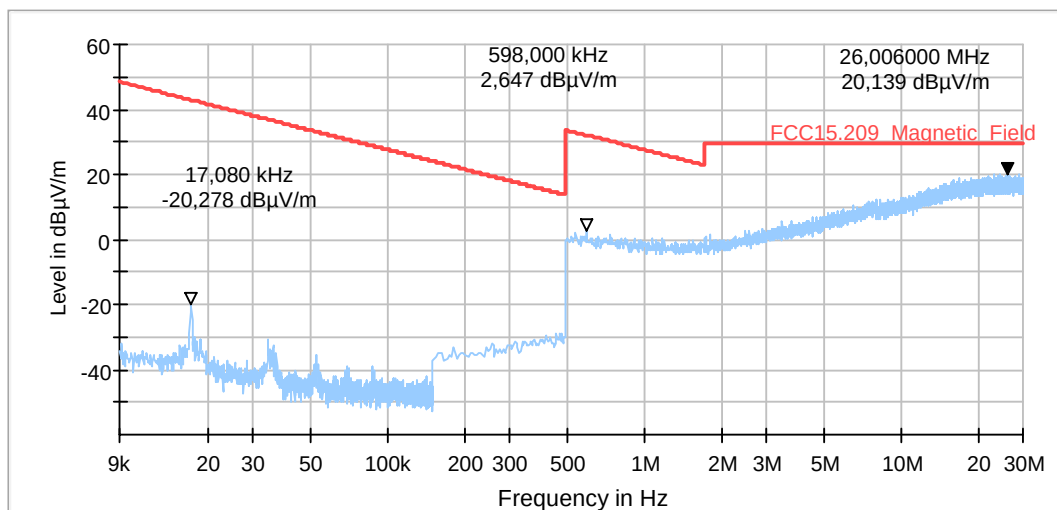


2.1201_H_field_LTE_FDD_B12_CH_23095

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B12_CH_23095
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

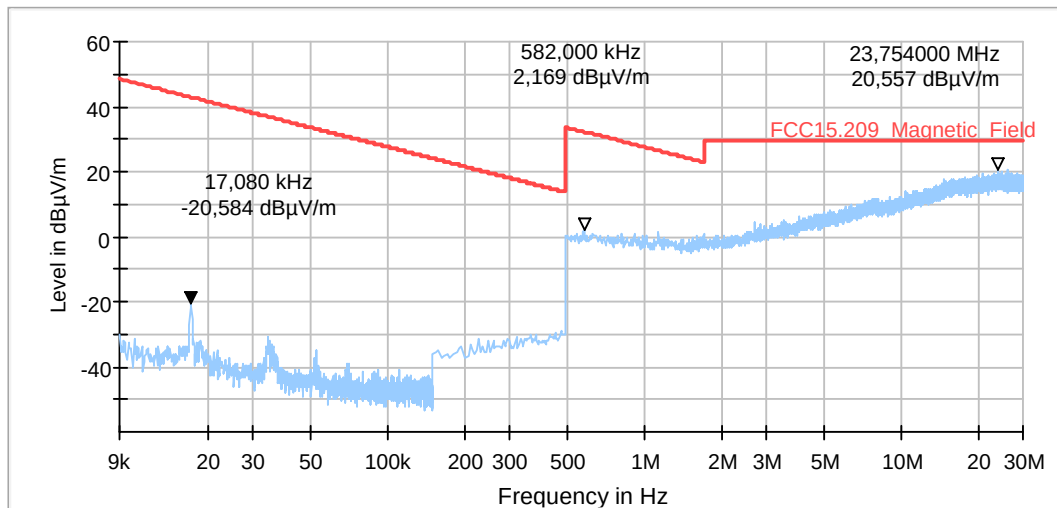


2.1301_H_field_LTE_FDD_B13_CH_23230

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B13_CH_23230
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

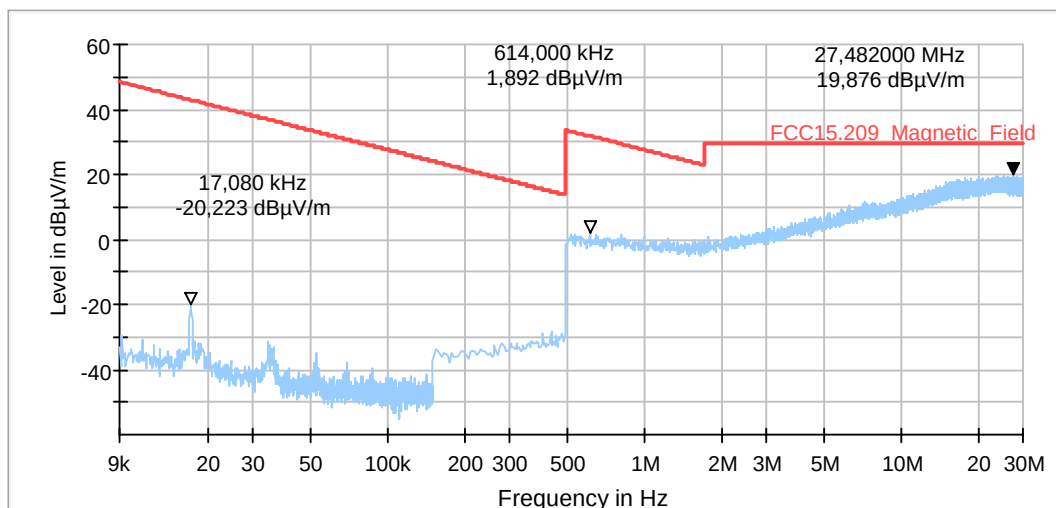


2.1701_H_field_LTE_FDD_B17_CH_23790

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
EUT Position:	standing
Operator:	TFra
Operating Mode:	LTE_FDD_B17_CH_23790
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



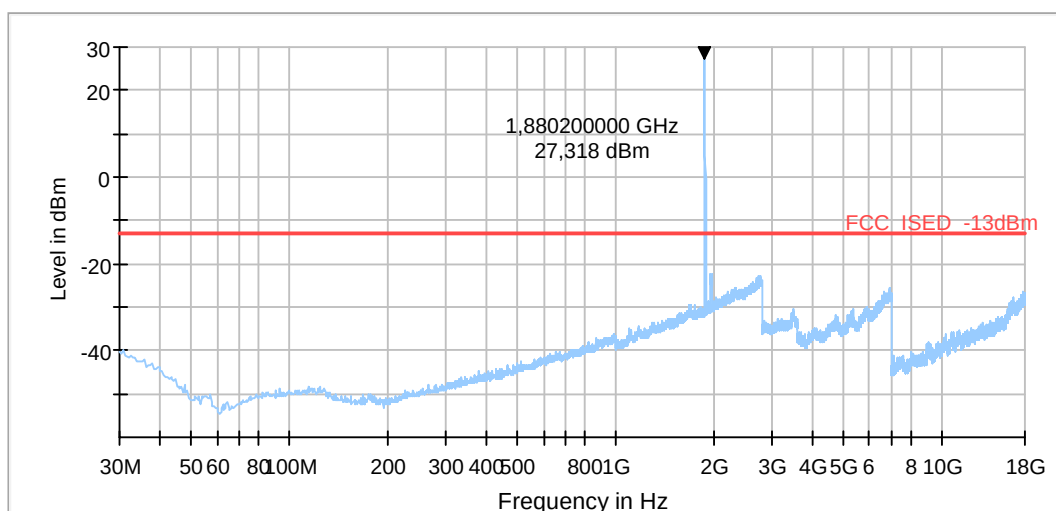
1.1.2 Radiated emissions

8.02_Traffic_mode_LTE_FDD_B02_CH_18900

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Chamber
Test Standard:	FCC Part 24 / RSS-133
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V10.60.20
Operating Mode:	LTE_FDD_B02_CH_18900
Operator:	SOz
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	
Verdict:	Passed

Full Spectrum



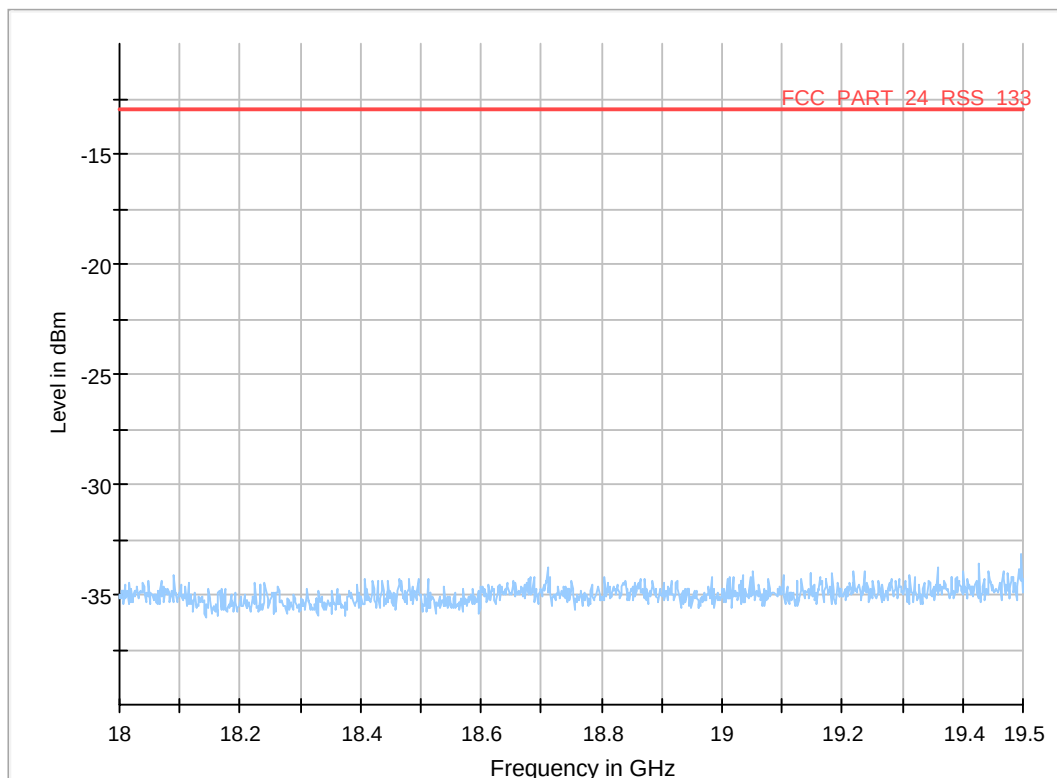
Remark: Emission at 1.88 GHz is uplink frequency of LTE FDD 2 and not related to emission results.

8.02a_Traffic_mode_LTE_FDD_B02_CH_18900

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 24 / RSS-133
Operating Mode:	LTE_FDD_B02_CH_18900
Exclusionband:	1850- 1910MHz
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	MNu
EUT Setup:	01
Verdict:	Passed

Full Spectrum

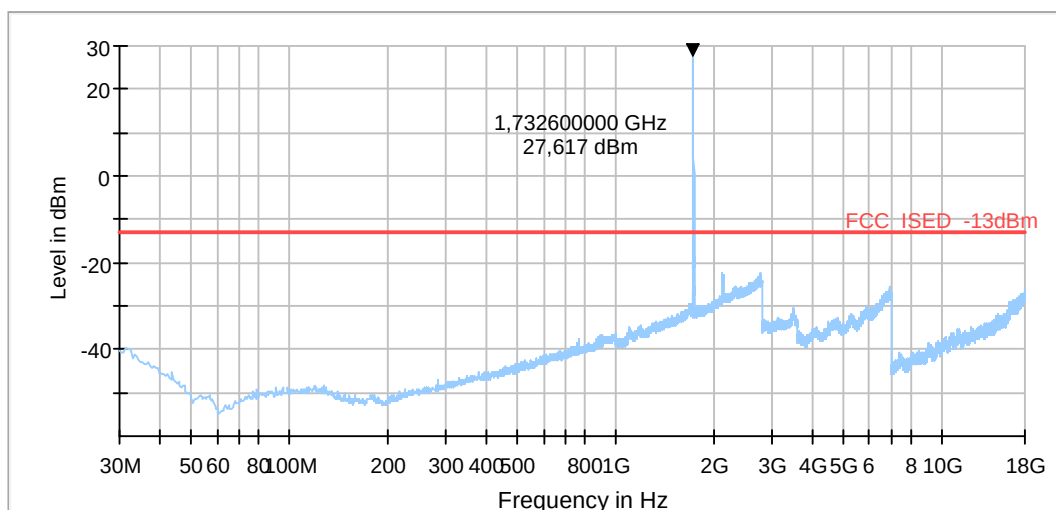


8.04_Traffic_mode_LTE_FDD_B04_CH_20175

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-139
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V10.60.20
Operating Mode:	LTE_FDD_B04_CH_20175
Operator:	TFra
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



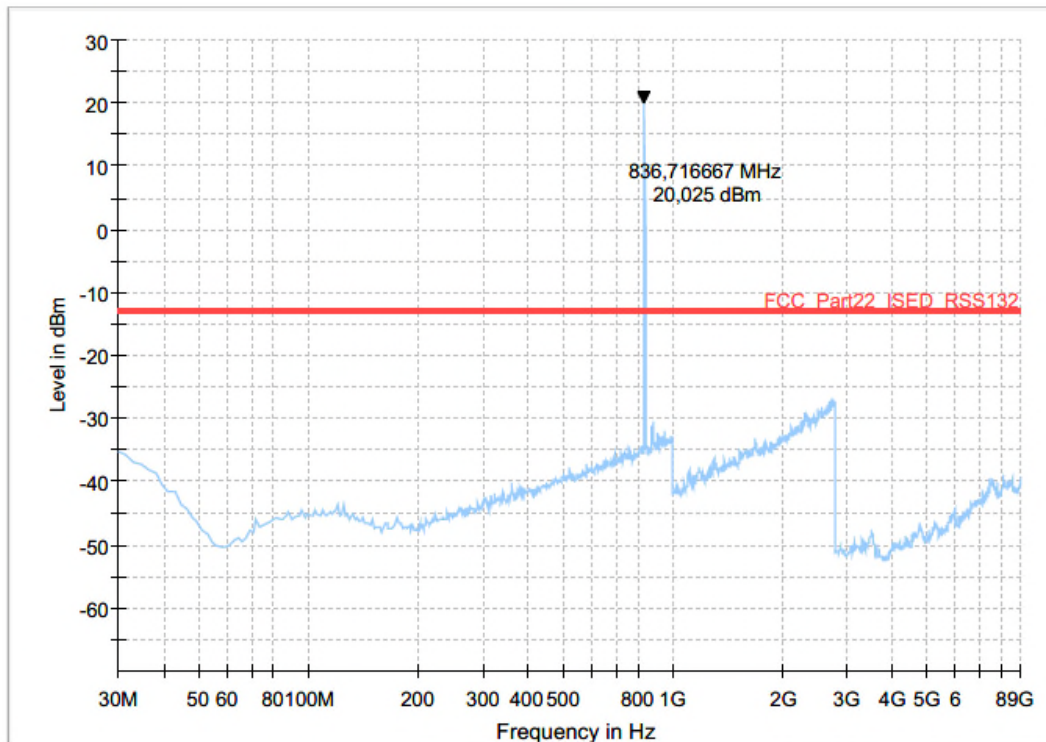
Remark: Emission at 1.73 GHz is uplink frequency of LTE FDD 4 and not related to emission results.

8.05_Traffic_mode_LTE_FDD_B05_CH_20525

Common Information

Test Description:	Radiated emission
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 22 / RSS-132
Antenna polarisation:	vertical / horizontal
Operating Mode:	LTE_FDD_B05_CH_20525
Operator:	SOz
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



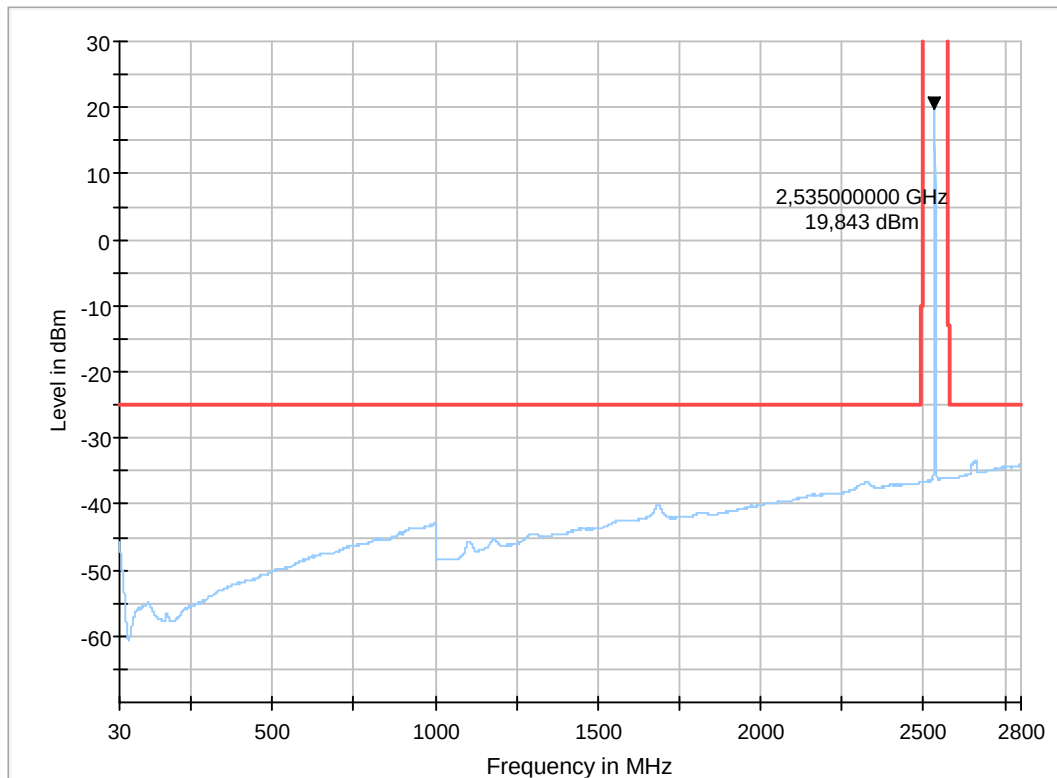
Remark: Emission at 836 MHz is uplink frequency of LTE FDD 5 and not related to emission results.

8.07a_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Operating Mode:	LTE_FDD_B07_CH_21100
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Test SW Version:	EMC32 V10.60.20
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum

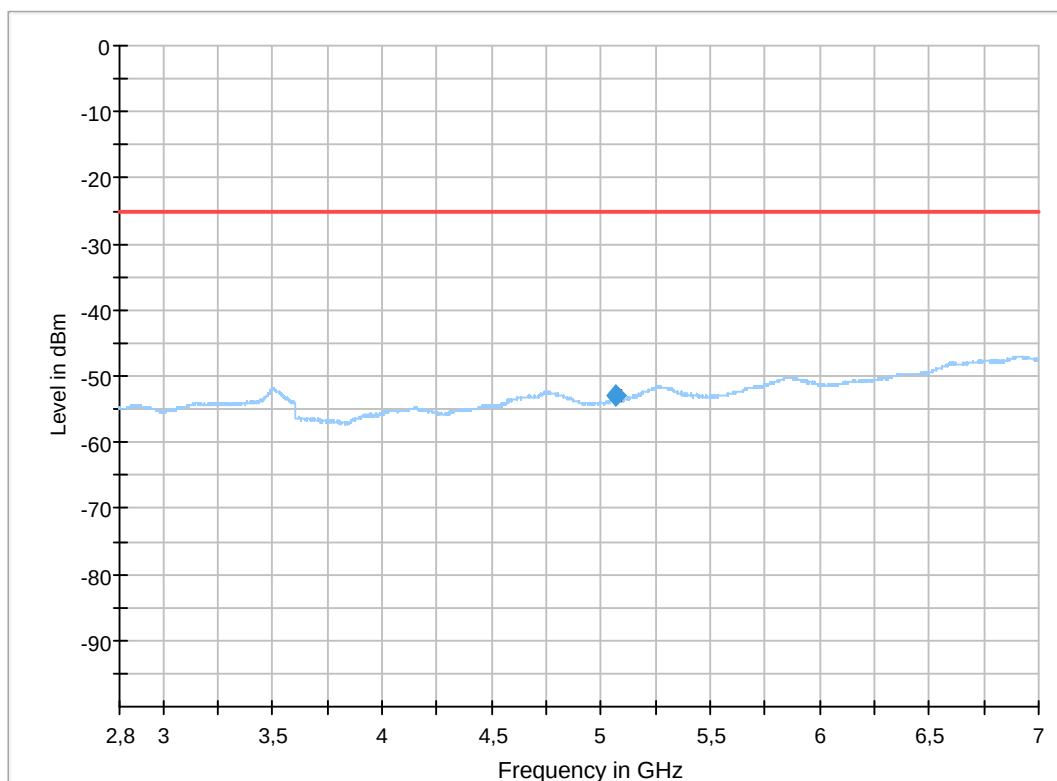


8.07b_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Operating Mode:	LTE_FDD_B07_CH_21100
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

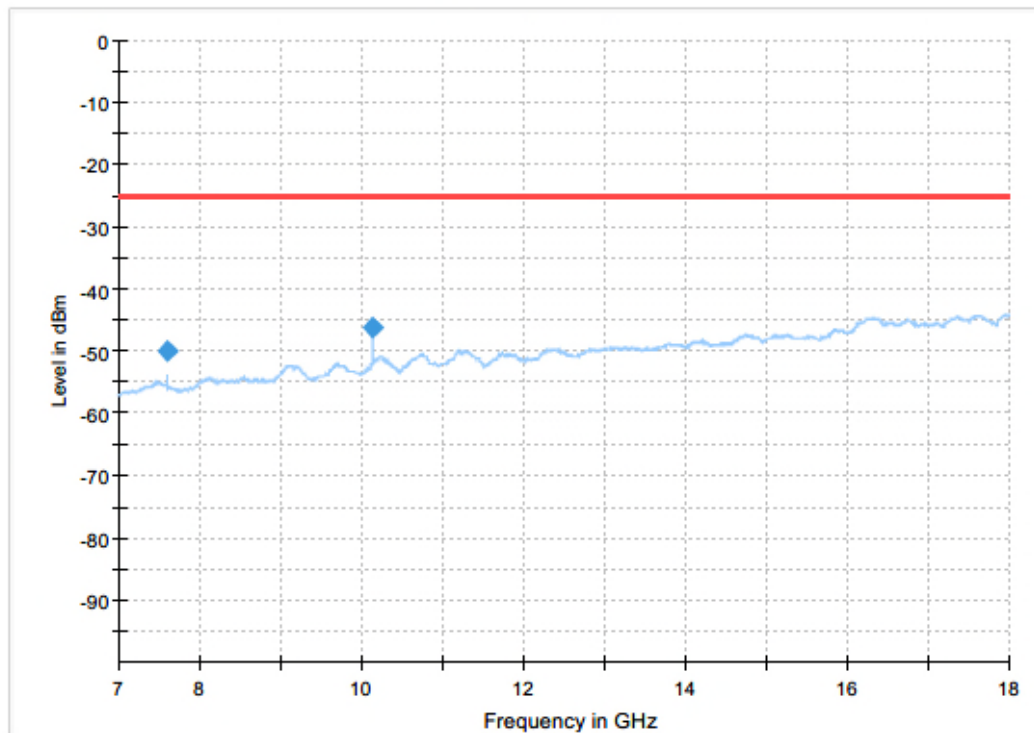
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
5070.070000	-52.95	-25.00	27.95	1000.0	1000.000	H	9.0	90.0	-82

8.07c_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Test Case:	-
Operating Mode:	LTE_FDD_B07_CH_21100
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	SOz
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

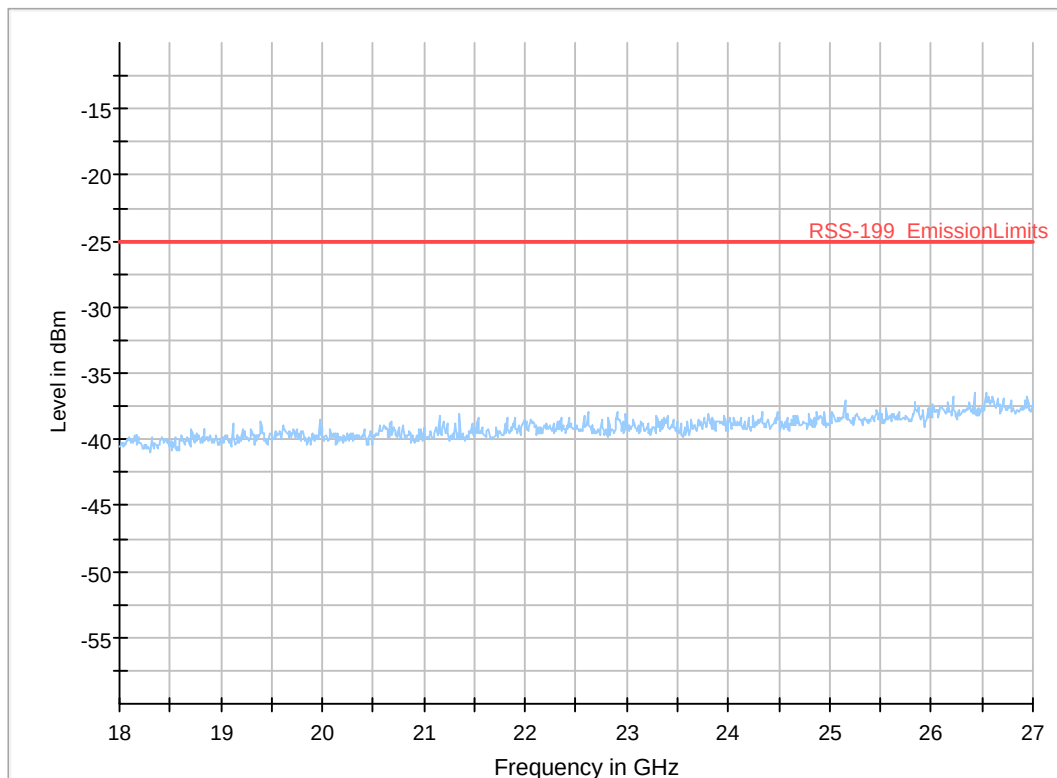
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
7605.180000	-50.07	-25.00	25.07	1000.0	1000.000	H	58.0	90.0	-95
10140.283333	-46.23	-25.00	21.23	1000.0	1000.000	H	37.0	90.0	-90

8.07d_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emissions LTE
Test Site Location:	cetekom advanced Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Comm. Link:	LTE Band 7
Operating Mode:	LTE_FDD_B07_CH_21100
Exclusionband:	2496 to 2690 MHz
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	MNu
Set-up:	01
Verdict:	Passed

Full Spectrum

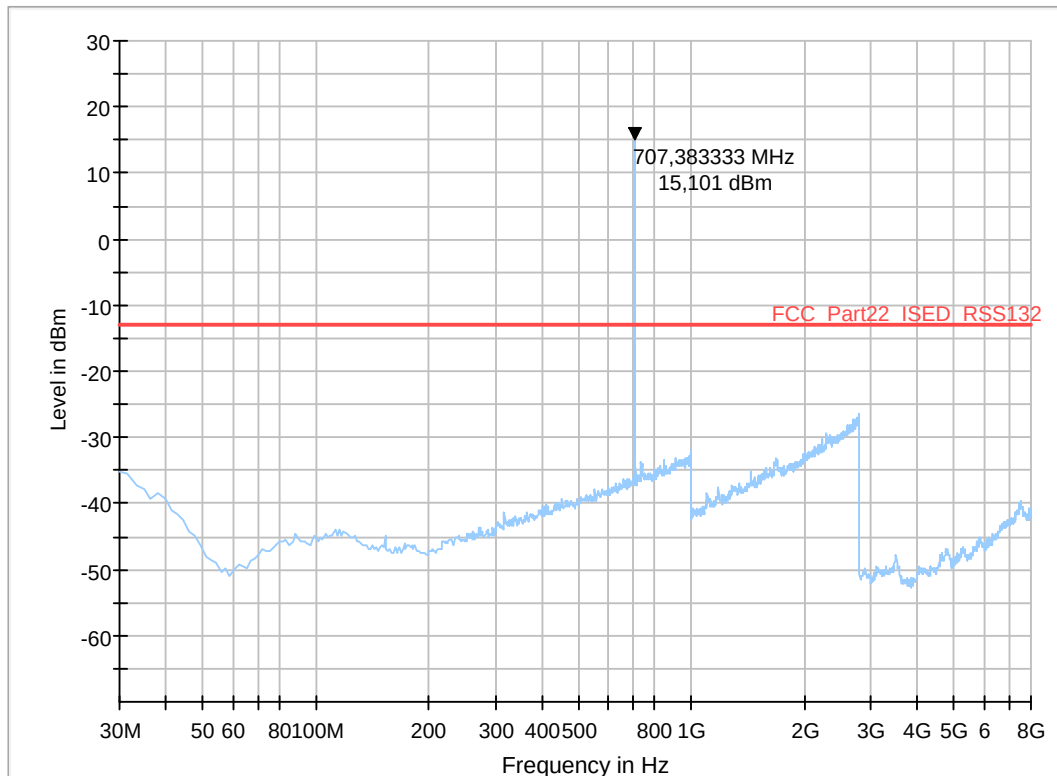


8.12_Traffic_mode_LTE_FDD_B12_CH_23095

Common Information

Test Description:	Radiated emission
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Antenna polarisation:	vertical / horizontal
Operating Mode:	LTE_FDD_B12_CH_23095
Operator:	SOz
Comment:	
Environmental Conditions:	Humidity : 40%rH; Temperature: 21°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



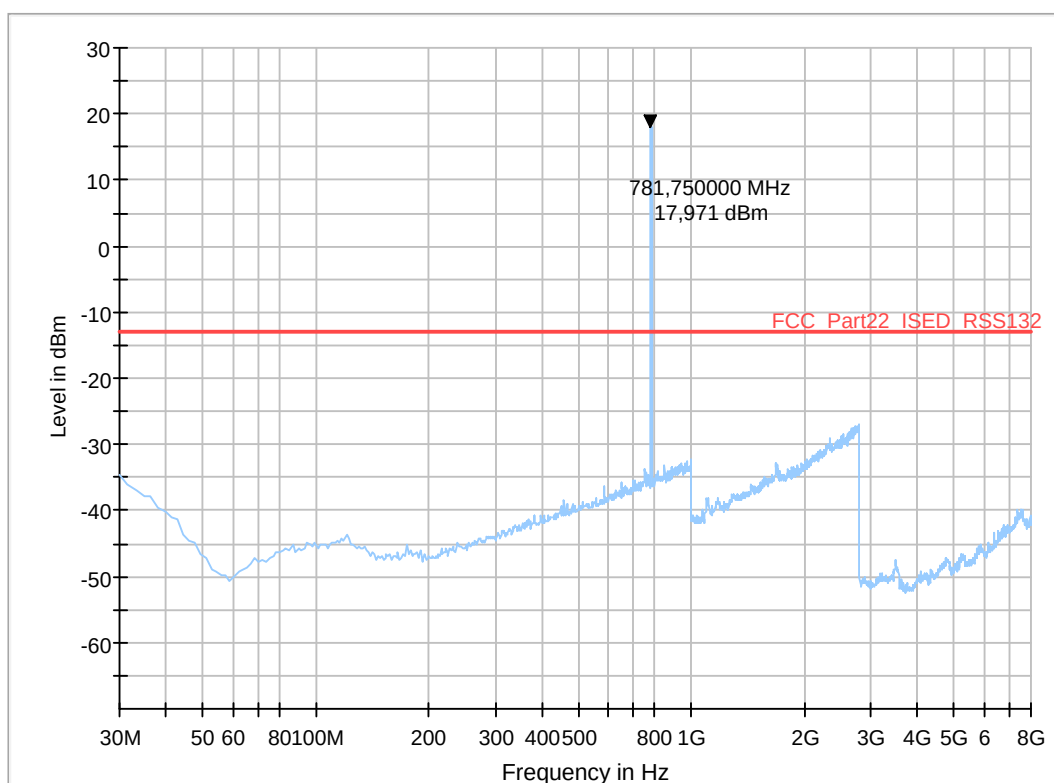
Remark: Emission at 707 MHz is uplink frequency of LTE FDD 12 and not related to emission results.

8.13_Traffic_mode_LTE_FDD_B13_CH_23230

Common Information

Test Description:	Radiated emission
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Antenna polarisation:	vertical / horizontal
Operating Mode:	LTE_FDD_B13_CH_23230
Operator:	SOz
Comment:	
Environmental Conditions:	Humidity : 39%rH; Temperature: 21°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



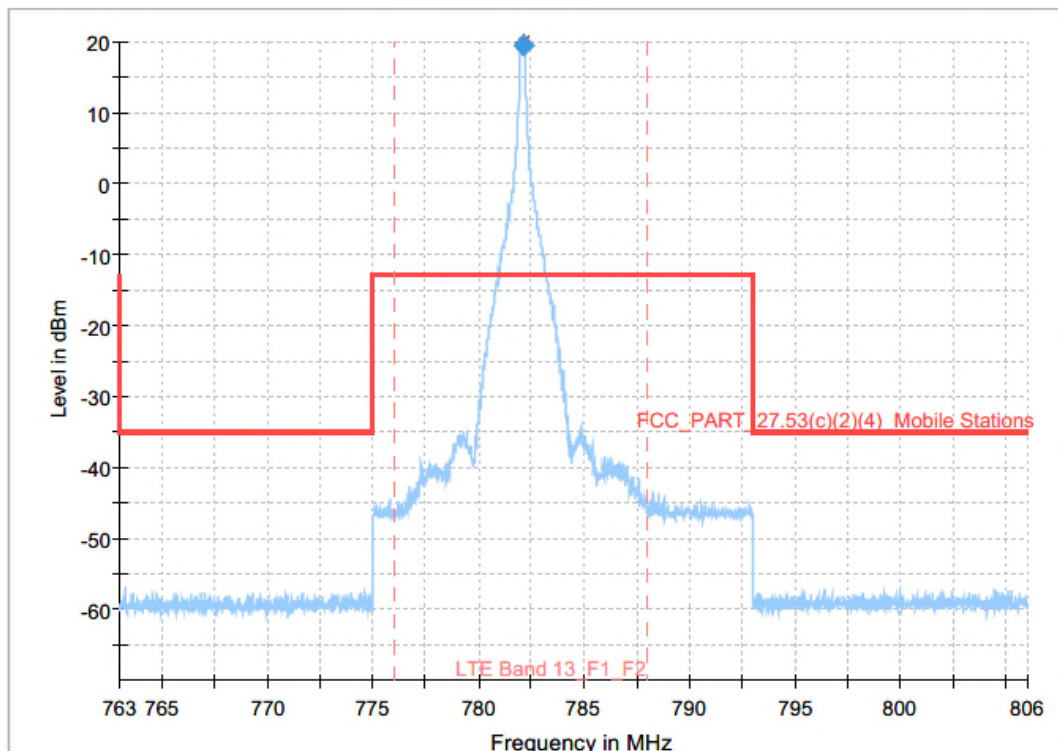
Remark: Emission at 781 MHz is uplink frequency of LTE FDD 13 and not related to emission results.

8.13a_Traffic_mode_LTE_FDD_B13_CH_23230_GPS_Band

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Comm. Link:	LTE Band 13
Operating Mode:	LTE_FDD_B13_CH_23230_GPS_Band
Exclusionband:	Uplink: 776-787MHz Downlink: -31MHz Offset
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	SOz
EUT Setup:	1
Verdict:	Passed

Full Spectrum

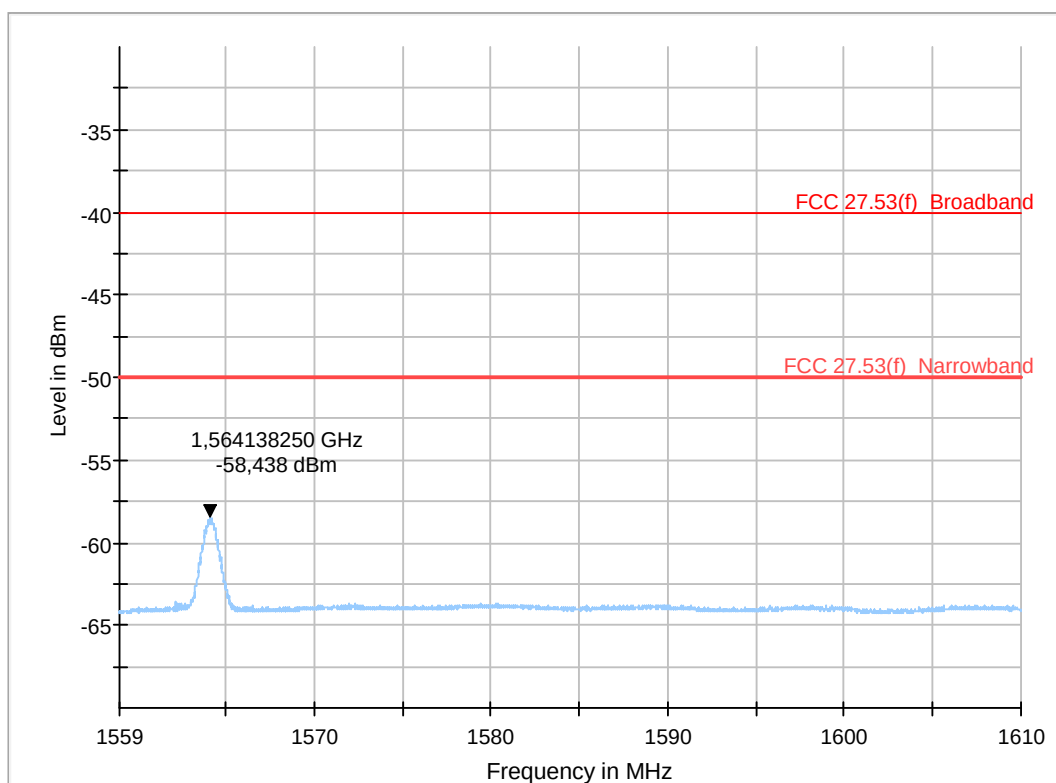


8.13b_Traffic_mode_LTE_FDD_B13_CH_23230_GPS_Band

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Comm. Link:	LTE Band 13
Operating Mode:	LTE_FDD_B13_CH_23230_GPS_Band
Exclusionband:	Uplink: 776-787MHz Downlink: -31MHz Offset
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	SOz
EUT Setup:	1
Verdict:	Passed

Full Spectrum

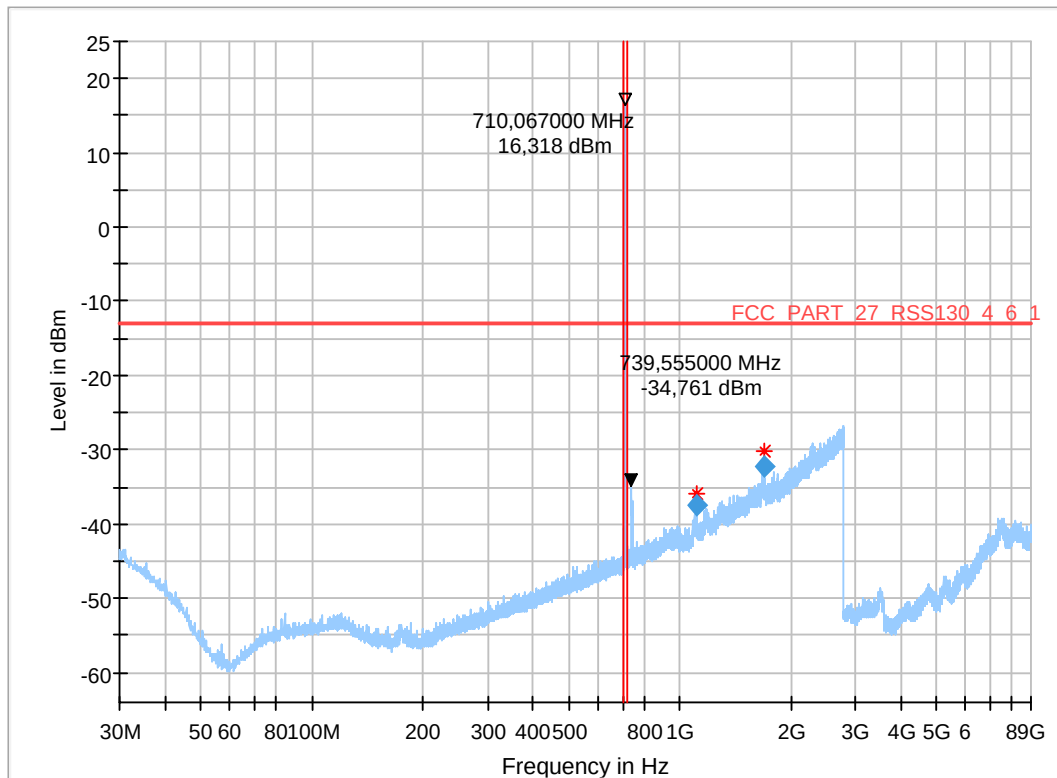


8.17_Traffic_mode_LTE_FDD_B17_CH_23790

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic-Chamber
Test Standard:	FCC Part 27 / RSS-130
Antenna polarisation:	vertical / horizontal
Test software	#Ver
Operating Mode:	LTE_FDD_B17_CH_23790
Operator:	SOz
EUT Setup:	01
Verdict:	Passed
Environmental Conditions:	Humidity : 60%rH; Temperature: 20°C

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak	Limit (dBm)	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Elevation	Corr.
1112.292500	-37.43	-13.00	24.43	100.0	100.000	155.0	V	270.0	90.0	-66
1688.117500	-32.22	-13.00	19.22	100.0	100.000	155.0	V	274.0	90.0	-60

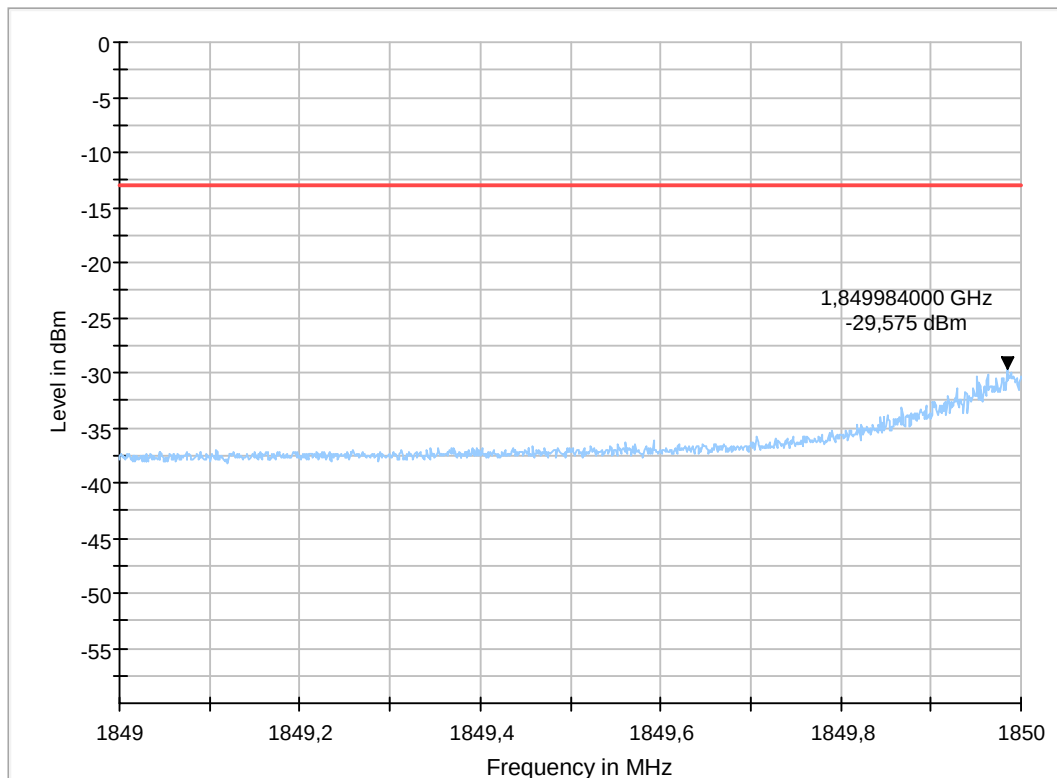
1.1.3 Band Edge

9.201_Bandedge_low_LTE_FDD_B02_CH_low_RB_1_low

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 24 / RSS-133
Test Case:	
Operating Mode:	LTE_FDD_B02_CH_18700
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum

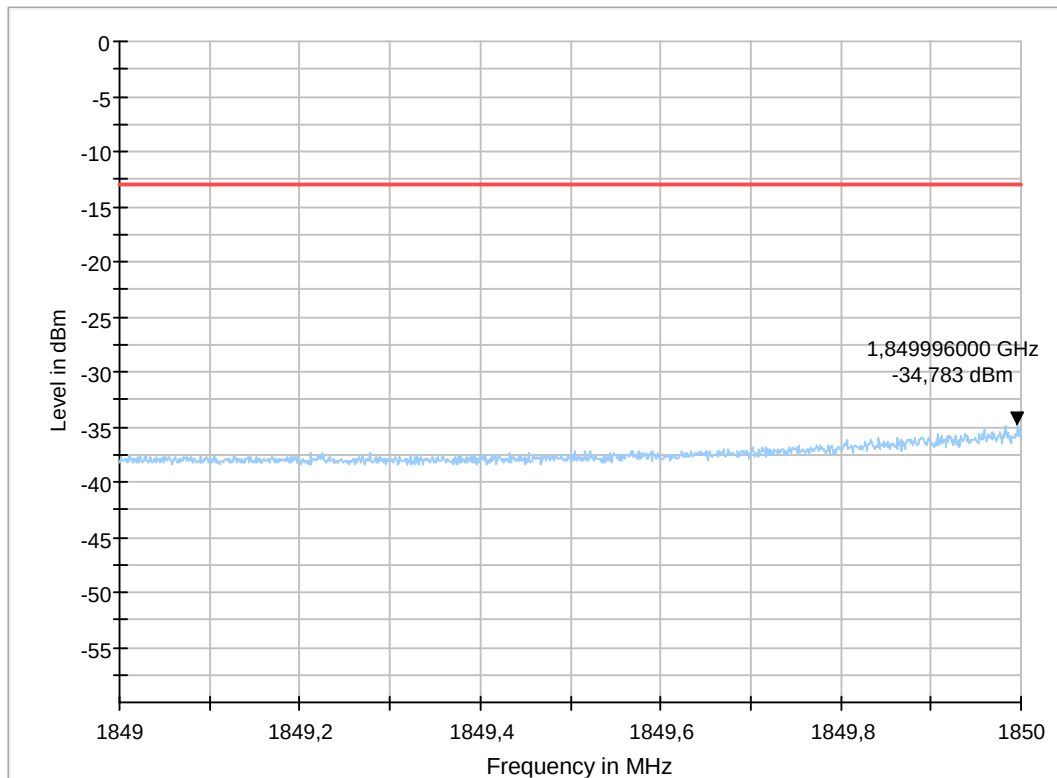


9.202_Bandedge_low_LTE_FDD_B02_CH_low_RB_Full

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 24 / RSS-133
Test Case:	
Operating Mode:	LTE_FDD_B02_CH_18700
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum

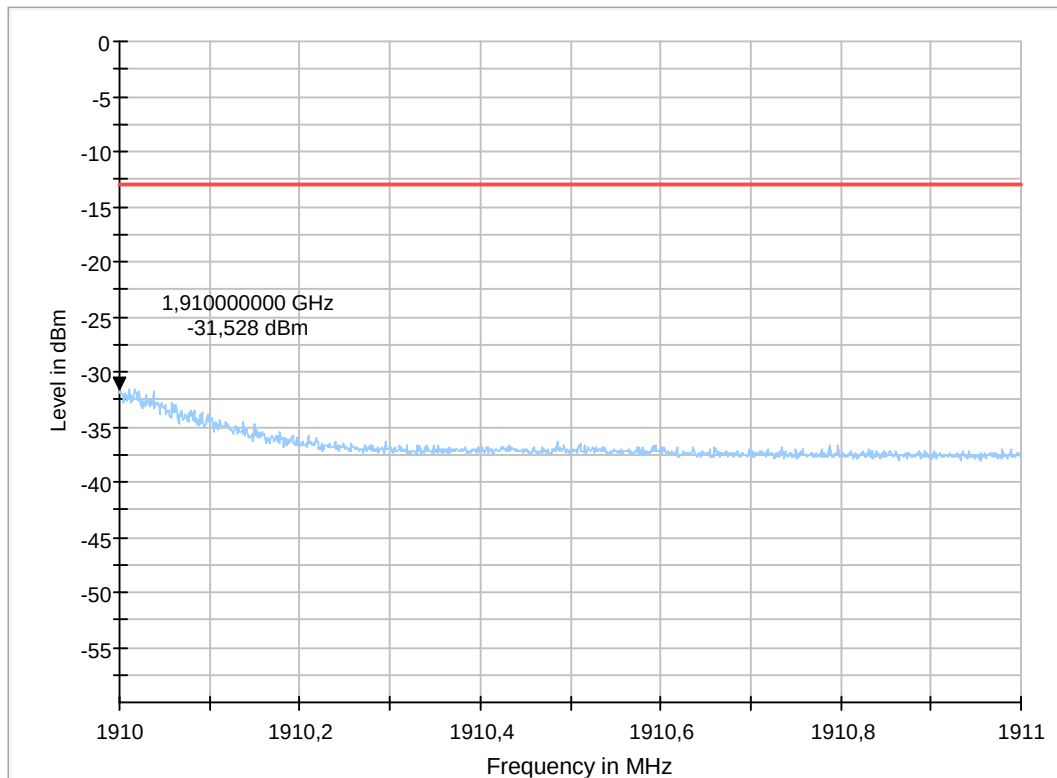


9.203_Bandedge_high_LTE_FDD_B02_CH_high_RB_1_high

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 24 / RSS-133
Test Case:	
Operating Mode:	LTE_FDD_B02_CH_19100
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum

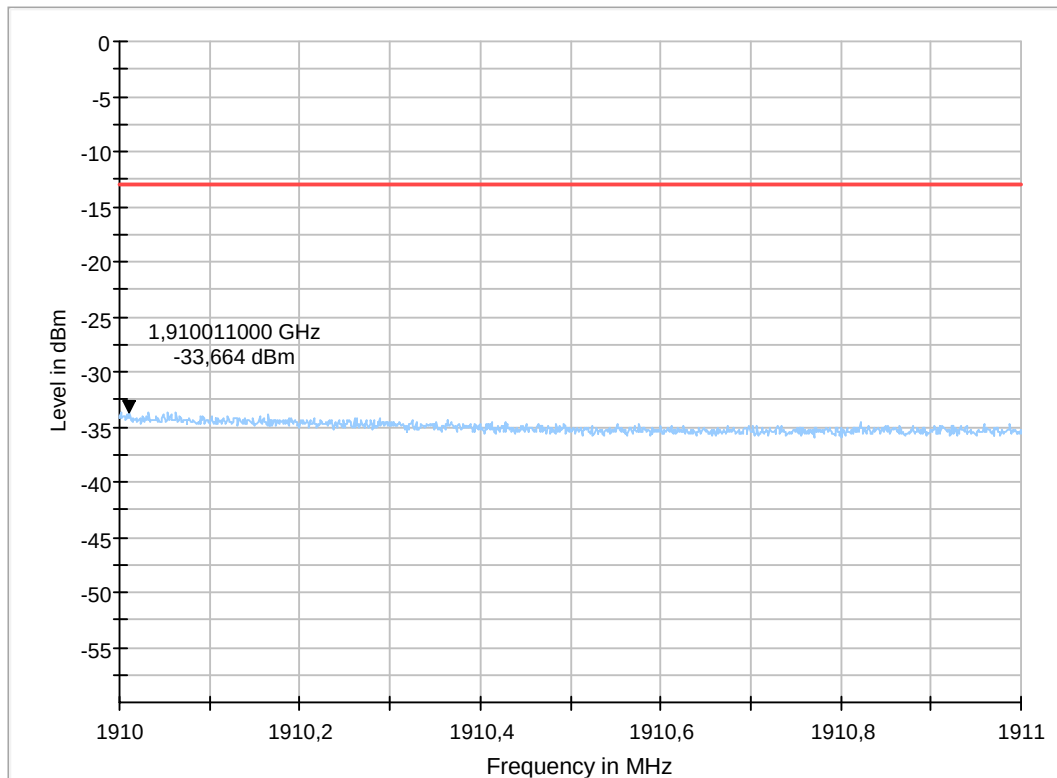


9.204_Bandedge_high_LTE_FDD_B02_CH_high_RB_Full

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 24 / RSS-133
Test Case:	
Operating Mode:	LTE_FDD_B02_CH_19100
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum

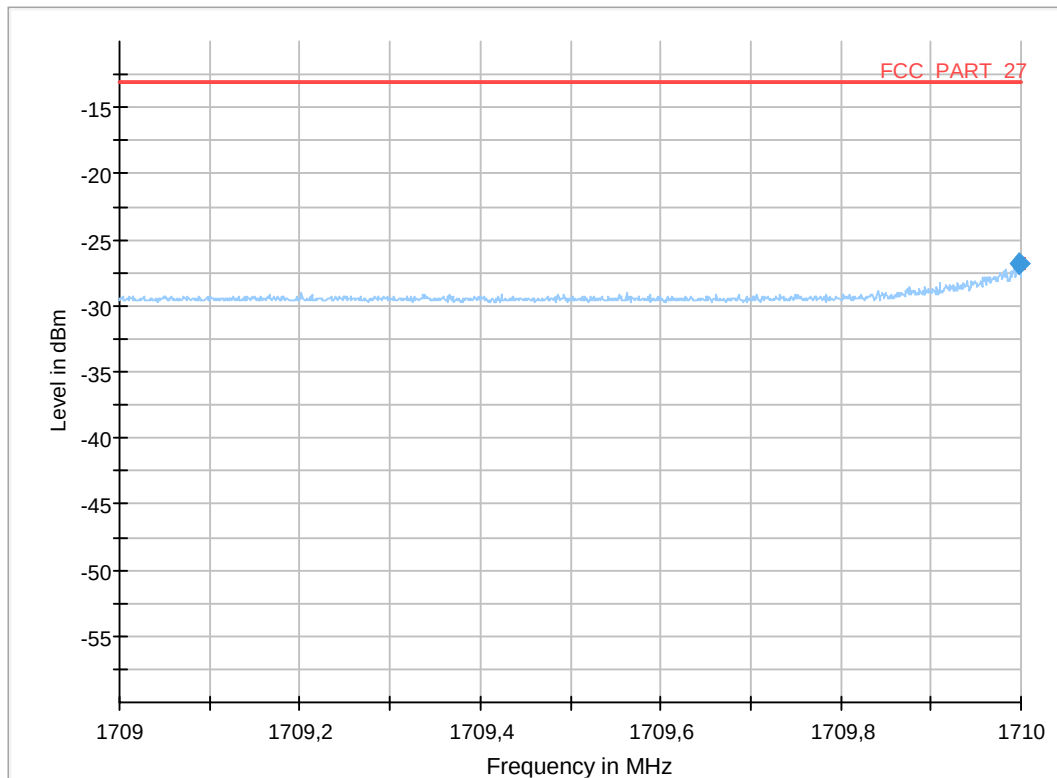


9.401_Bandedge_low_LTE_FDD_B04_CH_low_RB_1_low

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-139
Test Case:	
Operating Mode:	LTE_FDD_B04_CH_20050
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

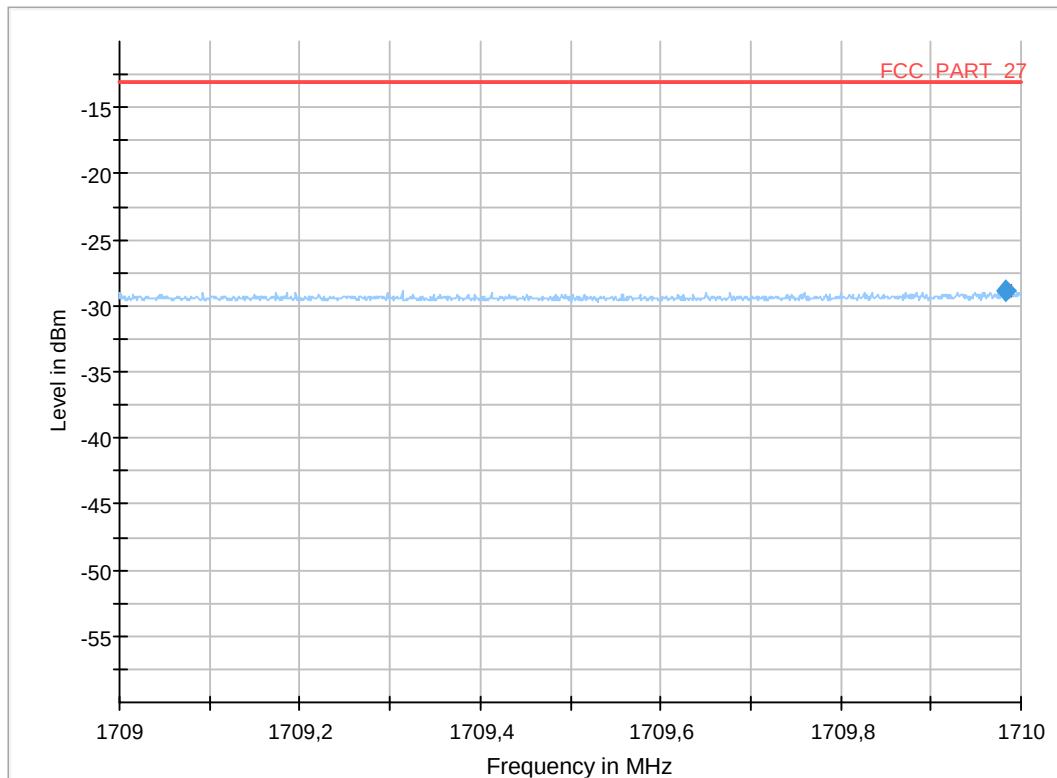
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1709.997000	-26.87	-13.00	13.87	700.0	200.000	H	36.0	0.0	-62

9.402_Bandedge_low_LTE_FDD_B04_CH_low_RB_Full

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-139
Test Case:	
Operating Mode:	LTE_FDD_B04_CH_20050
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

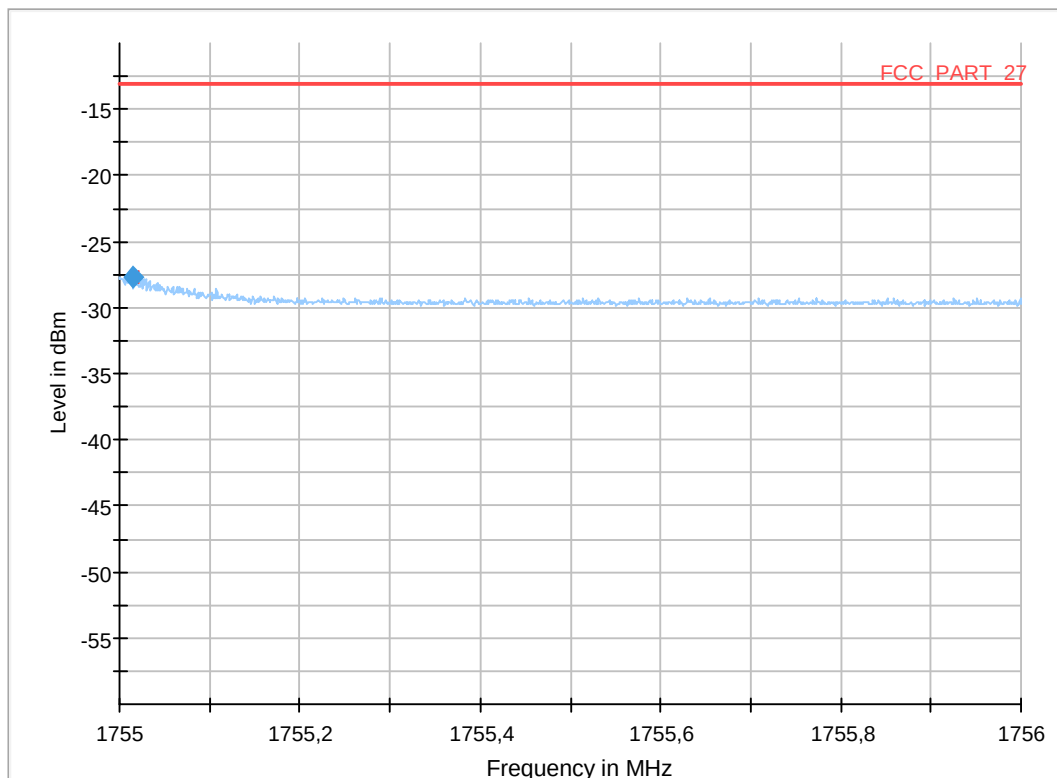
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1709.982000	-28.82	-13.00	15.82	700.0	200.000	H	201.0	90.0	-62

9.403_Bandedge_high_LTE_FDD_B04_CH_high_RB_1_high

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-139
Test Case:	
Operating Mode:	LTE_FDD_B04_CH_20300
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

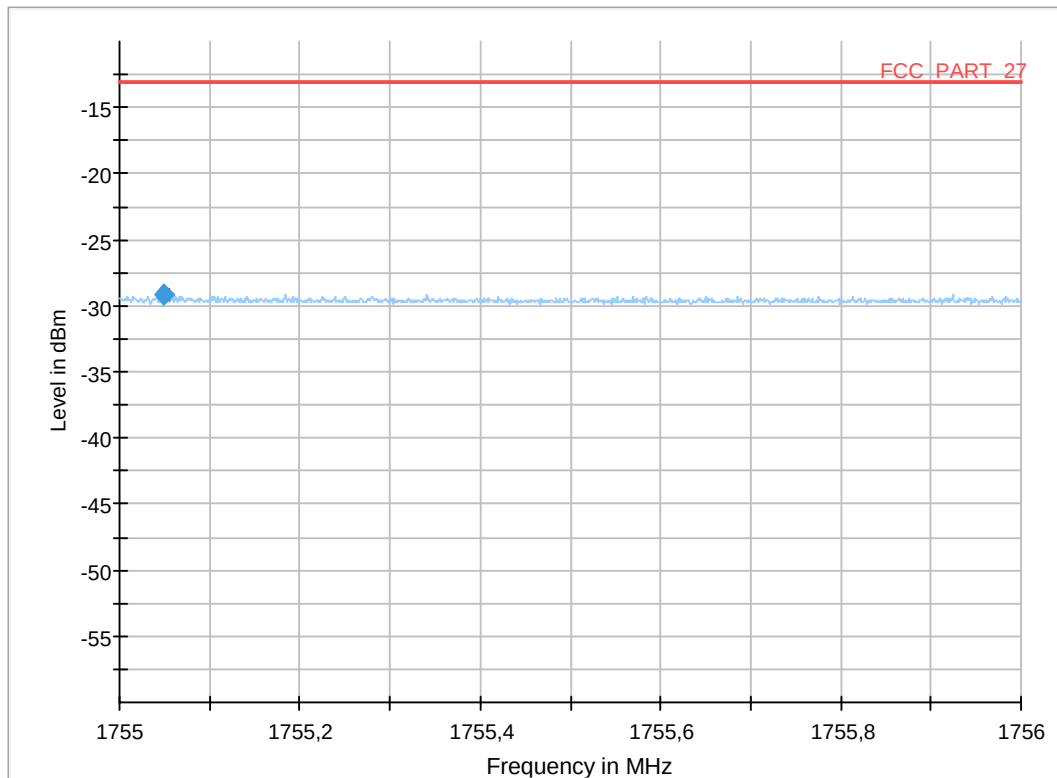
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1755.014000	-27.62	-13.00	14.62	700.0	200.000	H	41.0	0.0	-62

9.404_Bandedge_high_LTE_FDD_B04_CH_high_RB_Full

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-139
Test Case:	
Operating Mode:	LTE_FDD_B04_CH_20300
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Operator:	KTe
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

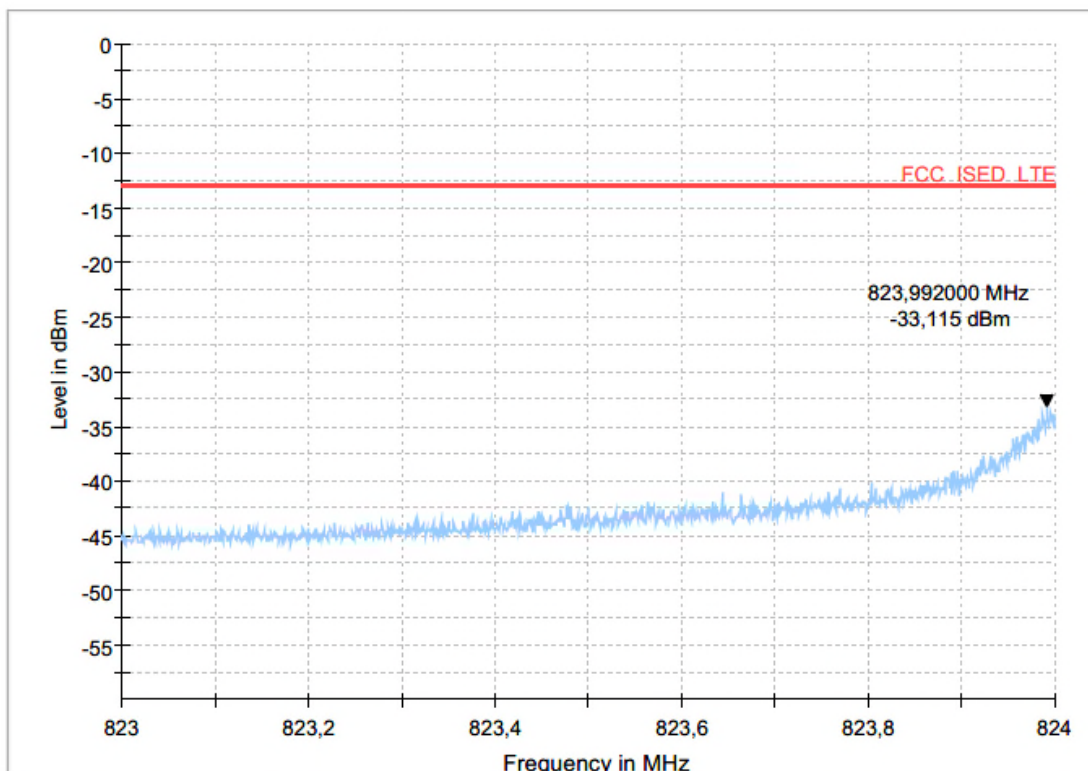
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1755.049000	-29.08	-13.00	16.08	700.0	200.000	H	45.0	0.0	-62

9.501_Bandedge_low_LTE_FDD_B05_CH_low_RB_1_low

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 22 / RSS-132
Operating Mode:	LTE_FDD_B05_CH_20450
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum

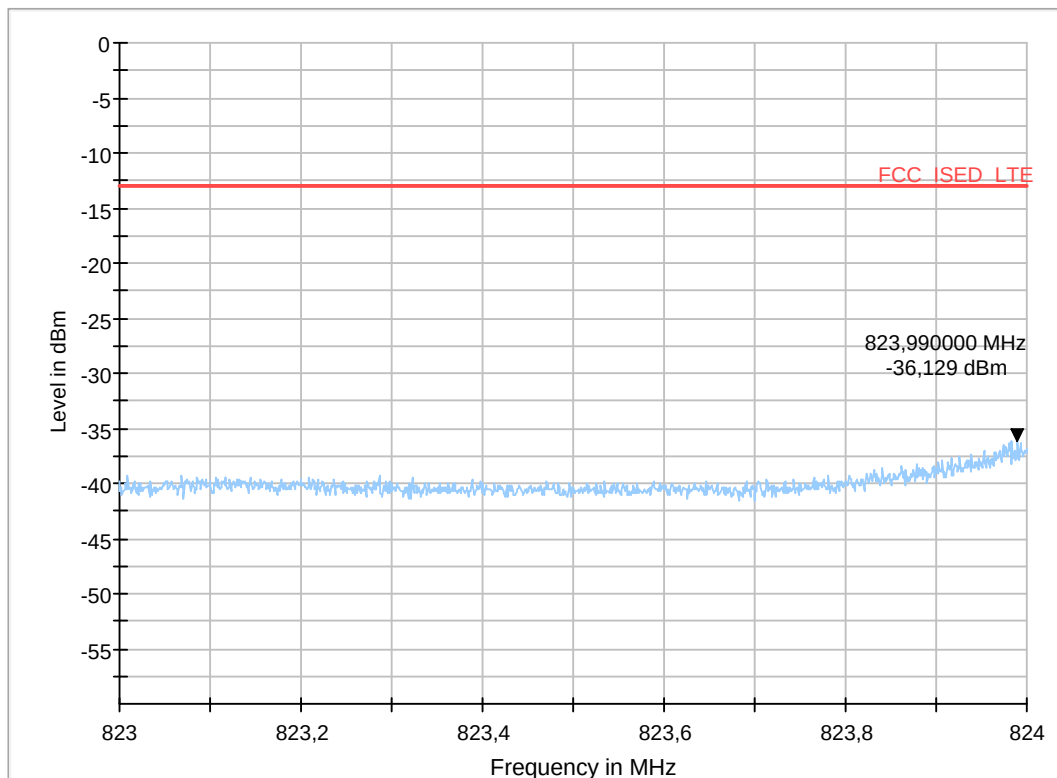


9.502_Bandedge_low_LTE_FDD_B05_CH_low_RB_Full

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 22 / RSS-132
Operating Mode:	LTE_FDD_B05_CH_low_RB_Full
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum

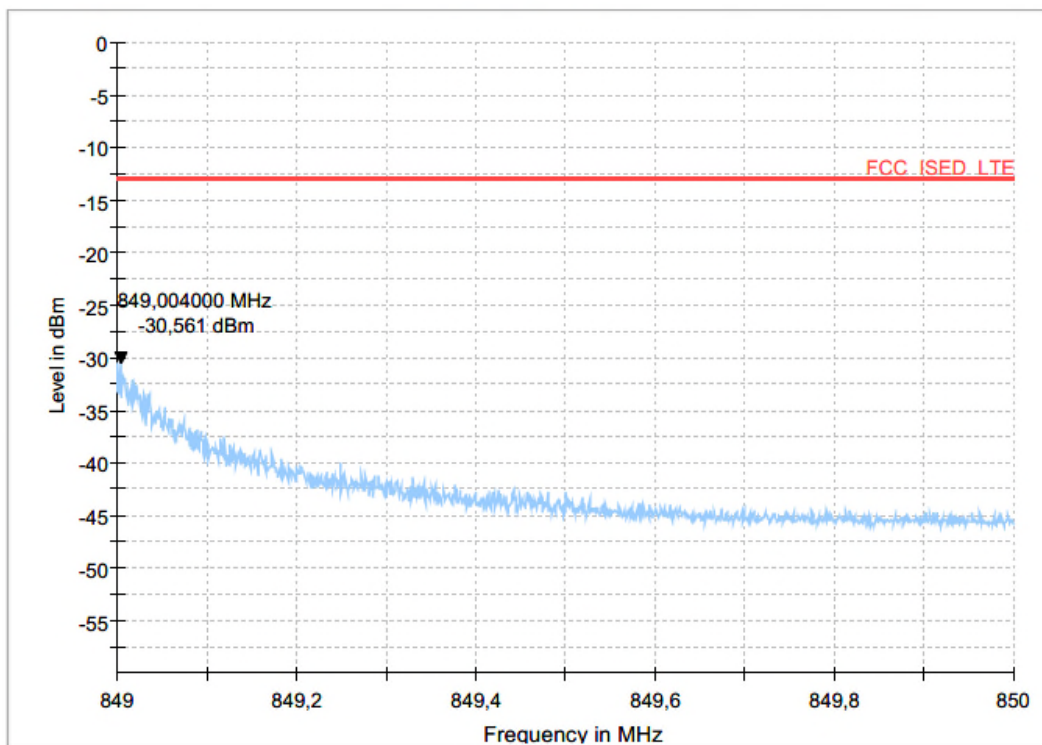


9.503_Bandedge_high_LTE_FDD_B05_CH_high_RB_1_high

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 22 / RSS-132
Operating Mode:	LTE_FDD_B05_CH_20600
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum

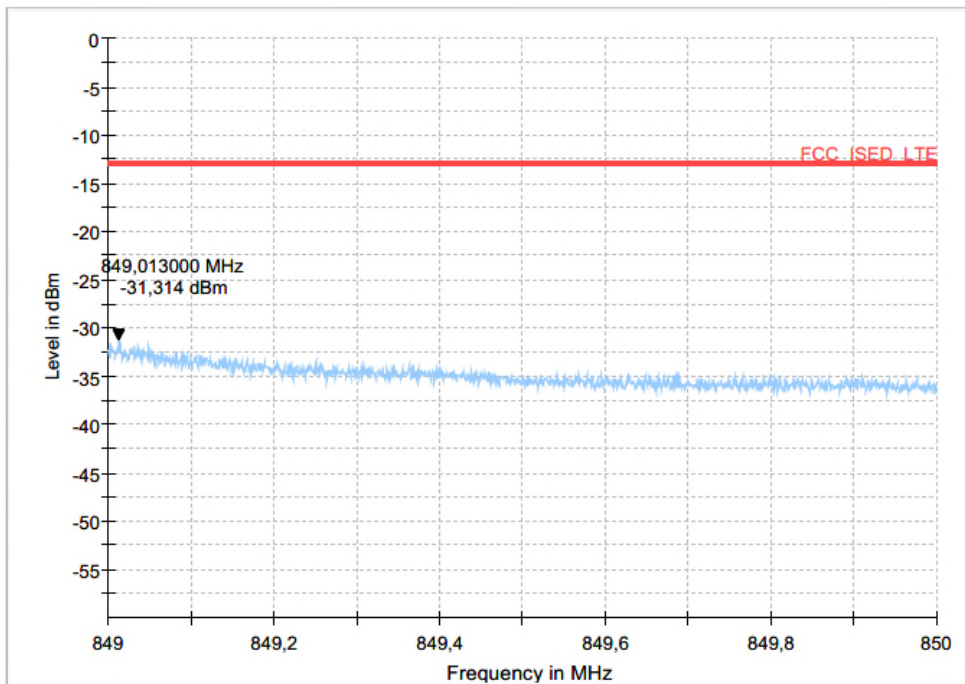


9.504_Bandedge_high_LTE_FDD_B05_CH_high_RB_Full

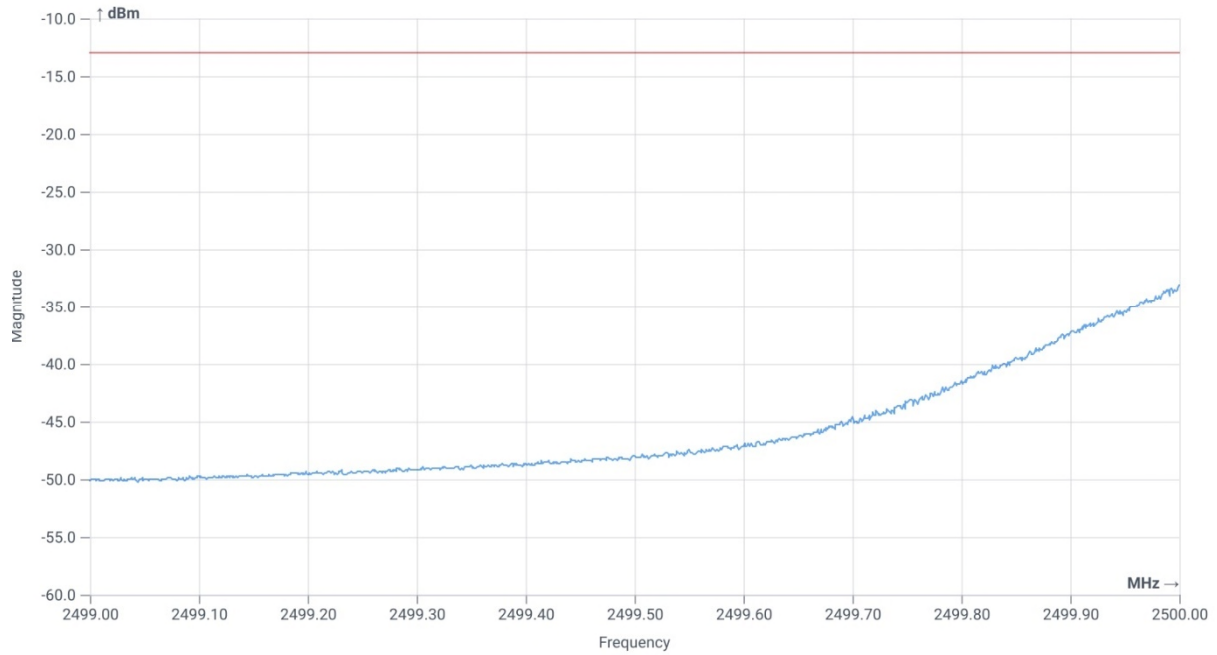
Common Information

Test Description:	Band-Edge high
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 22 / RSS-132
Operating Mode:	LTE_FDD_B05_CH_20600
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum

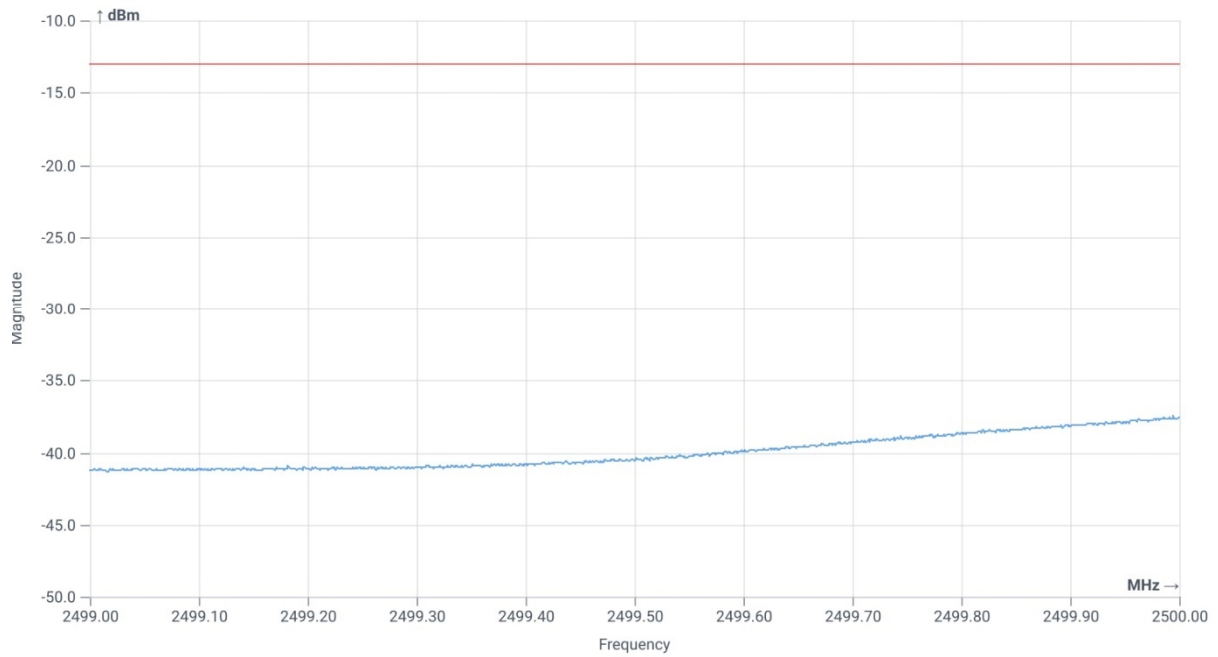


9.701_Bandedge_low_LTE_FDD_B07_CH_low_RB_1_low



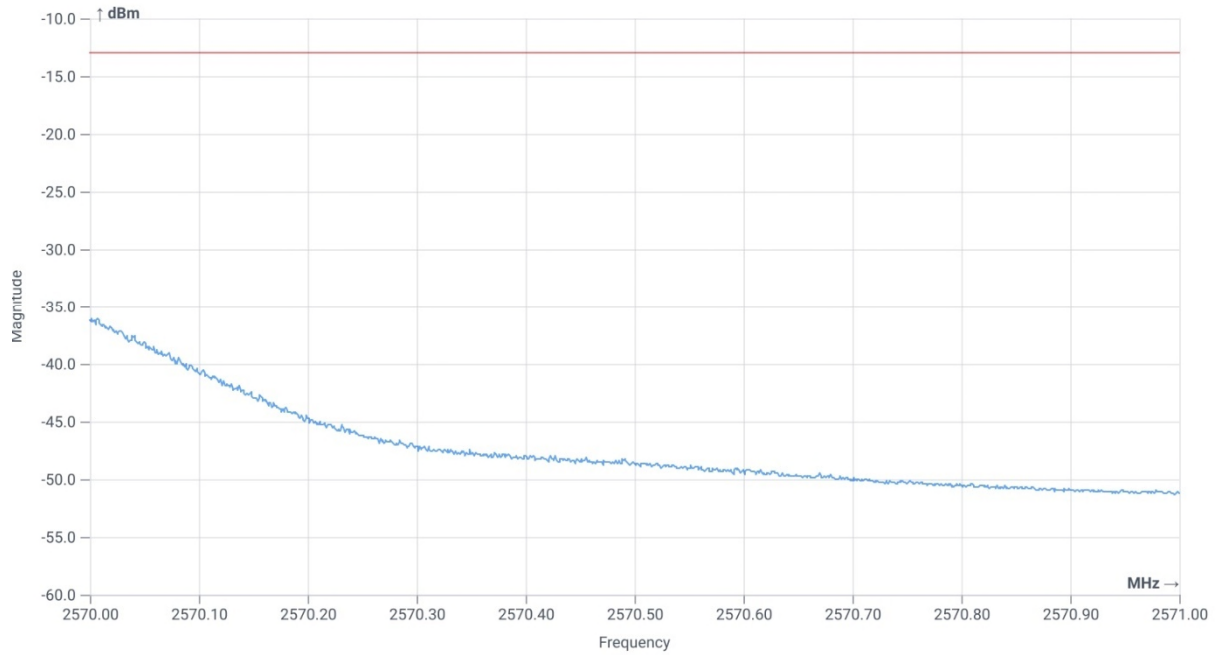
Conducted measurement: Band power -35.77 dBm

9.702_Bandedge_low_LTE_FDD_B07_CH_low_RB_Full



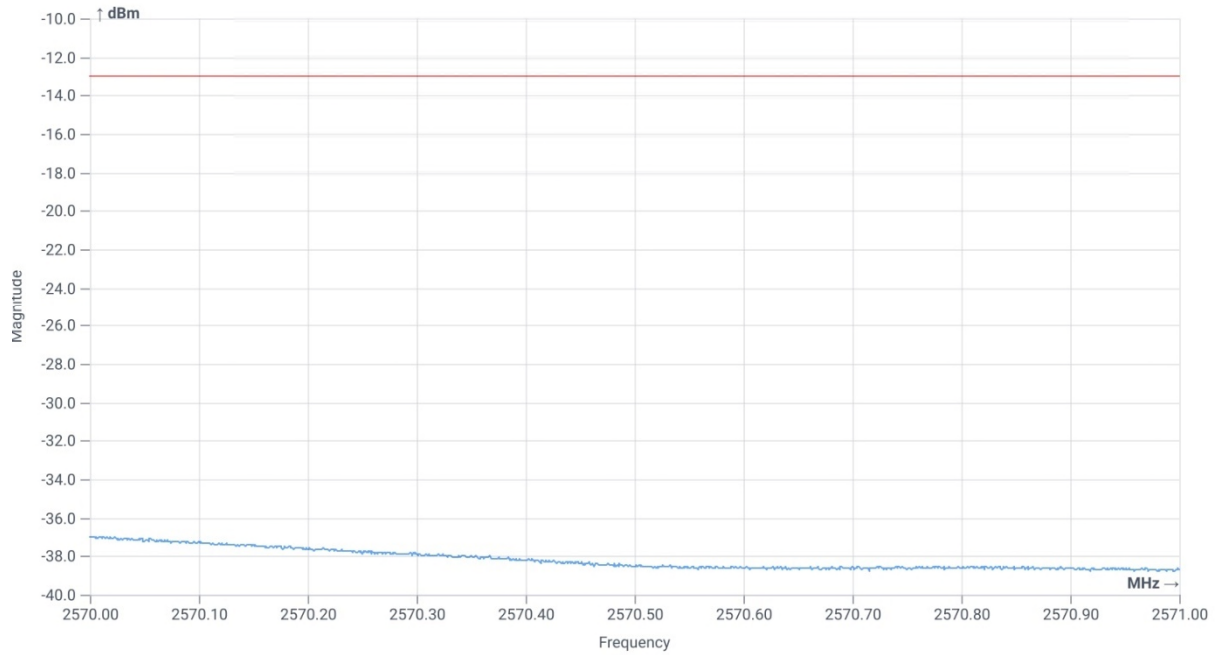
Conducted measurement: Band power -33.15 dBm

9.703_Bandedge_high_LTE_FDD_B07_CH_high_RB_1_high



Conducted measurement: Band power -38.35 dBm

9.704_Bandedge_high_LTE_FDD_B07_CH_high_RB_Full



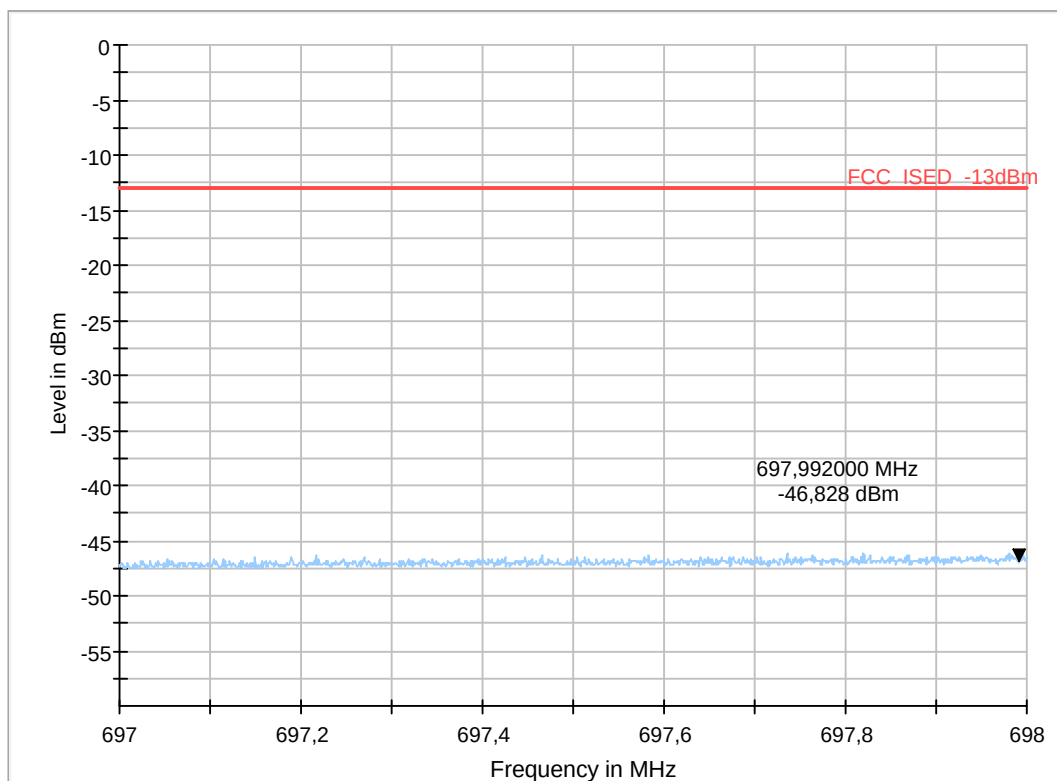
Conducted measurement: Band power -31.44 dBm

9.1201_Bandedge_low_LTE_FDD_B12_CH_low_RB_1_low

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Operating Mode:	LTE_FDD_B12_CH_23060
Environmental Conditions:	Humidity: 45 %rH; Temperature: 20 °C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz/PSt
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum

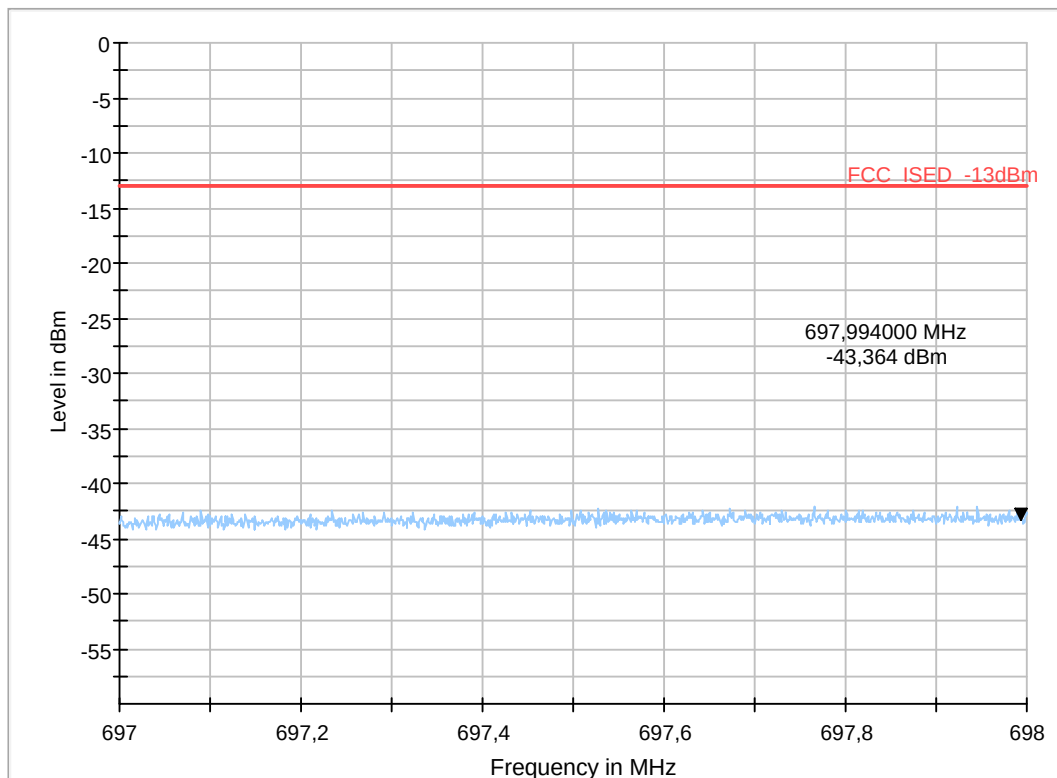


9.1202_Bandedge_low_LTE_FDD_B12_CH_low_RB_Full

Common Information

Test Description:	Band-Edge low
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Operating Mode:	LTE_FDD_B12_CH_23060
Environmental Conditions:	Humidity: 45 %rH; Temperature: 20 °C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz/PSt
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum

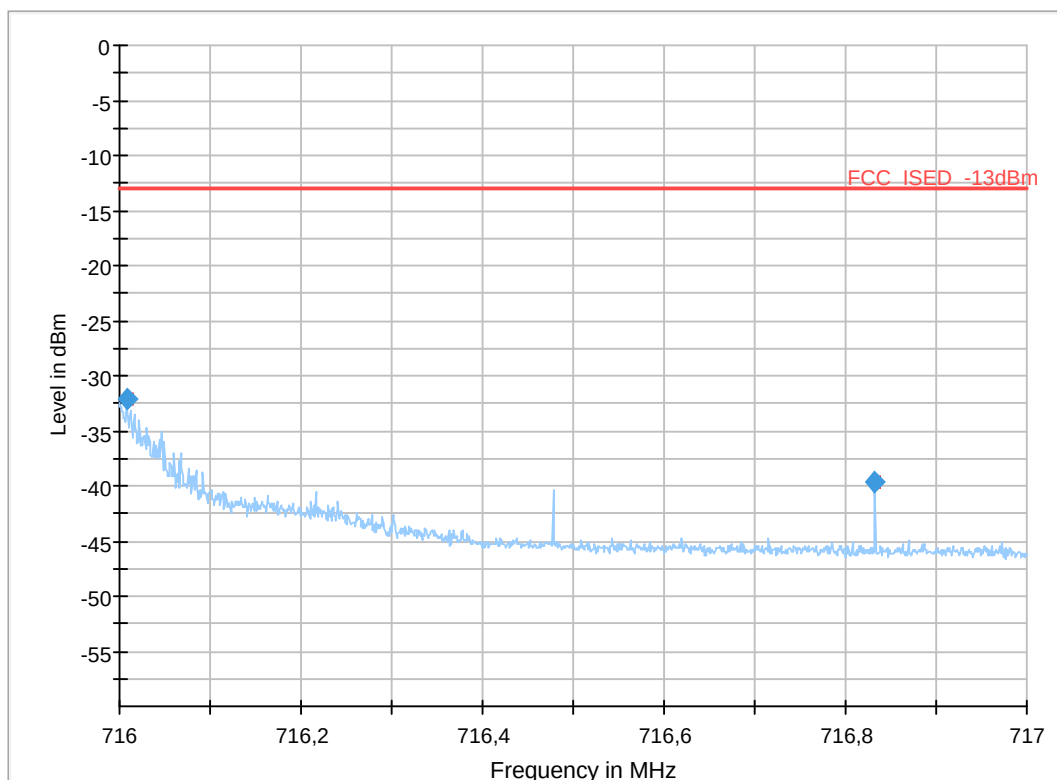


9.1203_Bandedge_high_LTE_FDD_B12_CH_high_RB_1_high

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Operating Mode:	LTE_FDD_B12_CH_23130
Environmental Conditions:	Humidity: 45 %rH; Temperature: 20 °C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz/PSt
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

Full Spectrum



Final Result

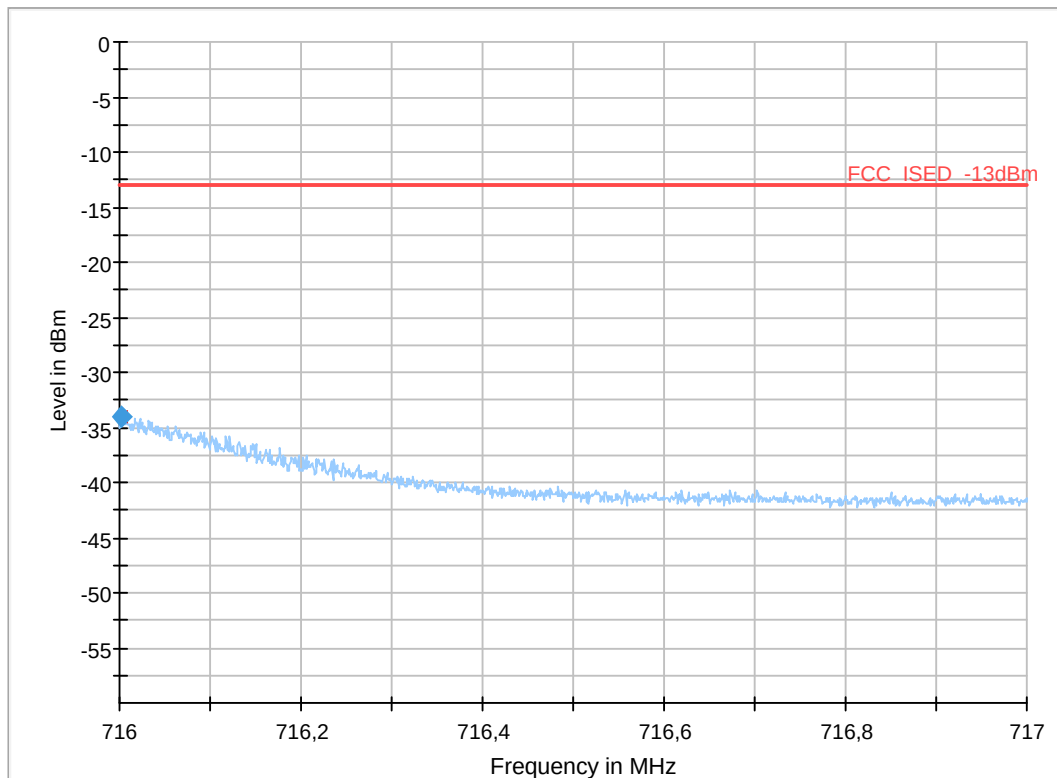
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
716.008000	-32.11	-13.00	19.11	700.0	100.000	H	359.0	90.0	-78
716.832000	-39.59	-13.00	26.59	700.0	100.000	H	37.0	90.0	-78

9.1204_Bandedge_high_LTE_FDD_B12_CH_high_RB_Full

Common Information

Test Description:	Band-Edge high
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Operating Mode:	LTE_FDD_B12_CH_23130
Environmental Conditions:	Humidity: 45 %rH; Temperature: 20 °C
Test SW Version:	EMC32 V10.60.20
Operator:	SOz/PSt
Remarks:	EUT - lying/standing position
EUT Setup:	1
Verdict:	Passed

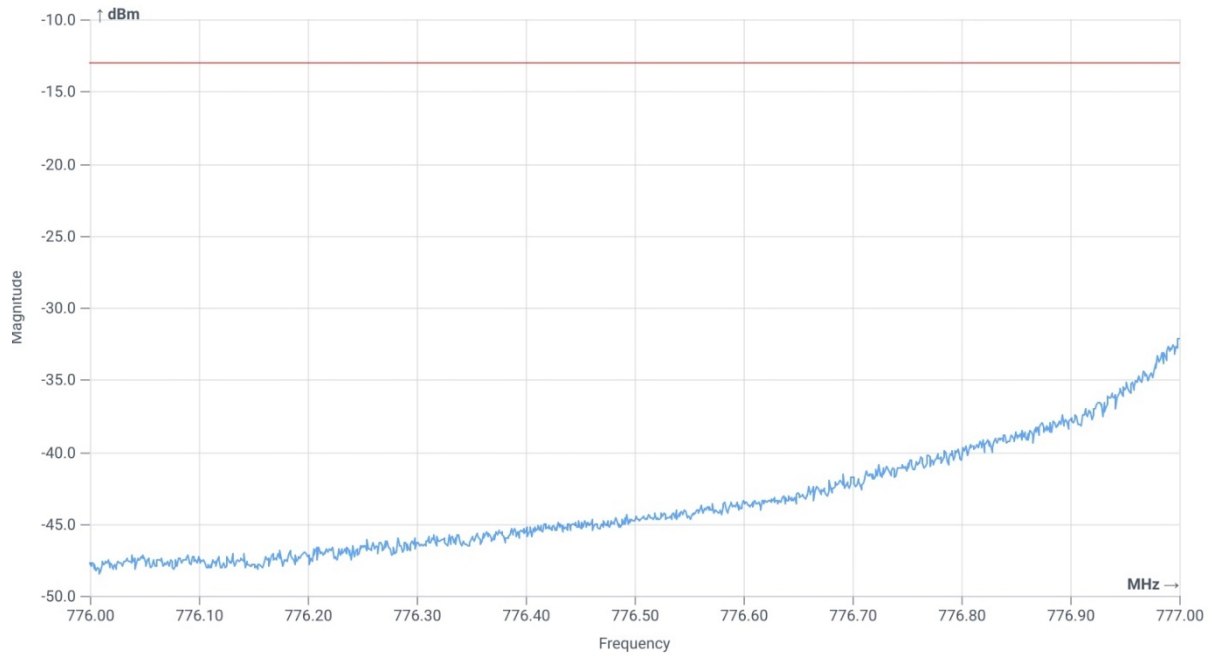
Full Spectrum



Final Result

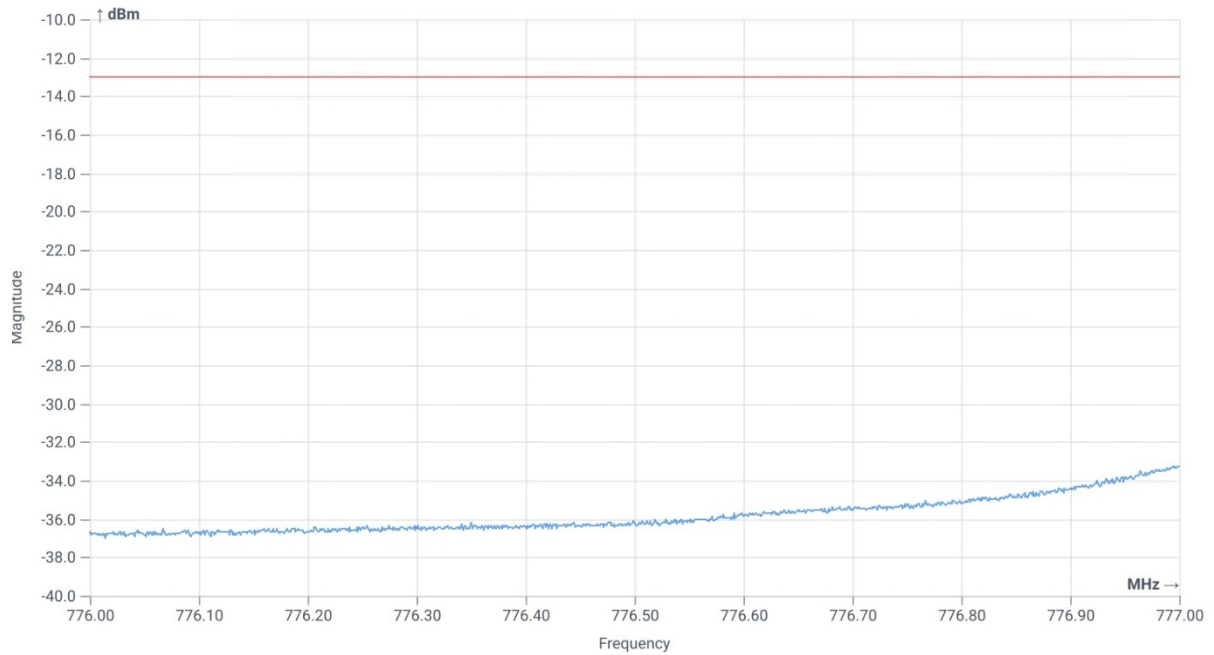
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
716.002000	-33.99	-13.00	20.99	700.0	100.000	H	344.0	90.0	-78

9.1301_Bandedge_low_LTE_FDD_B13_CH_low_RB_1_low



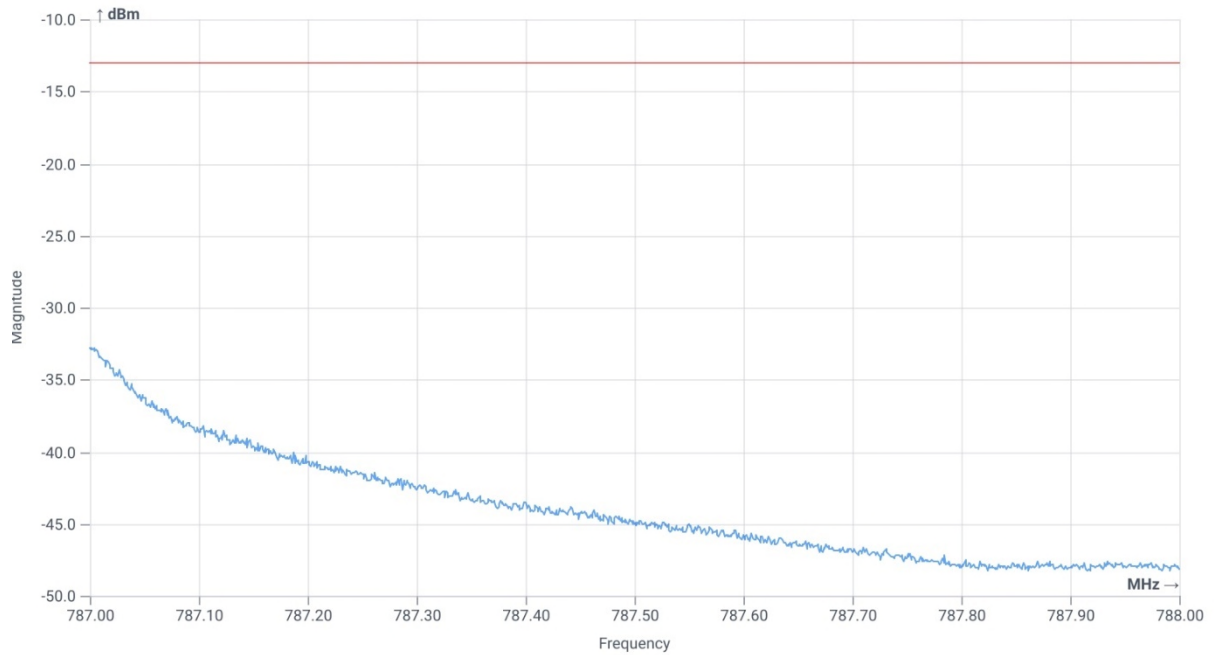
Conducted measurement: Band power -31.79 dBm

9.1302_Bandedge_low_LTE_FDD_B13_CH_low_RB_full



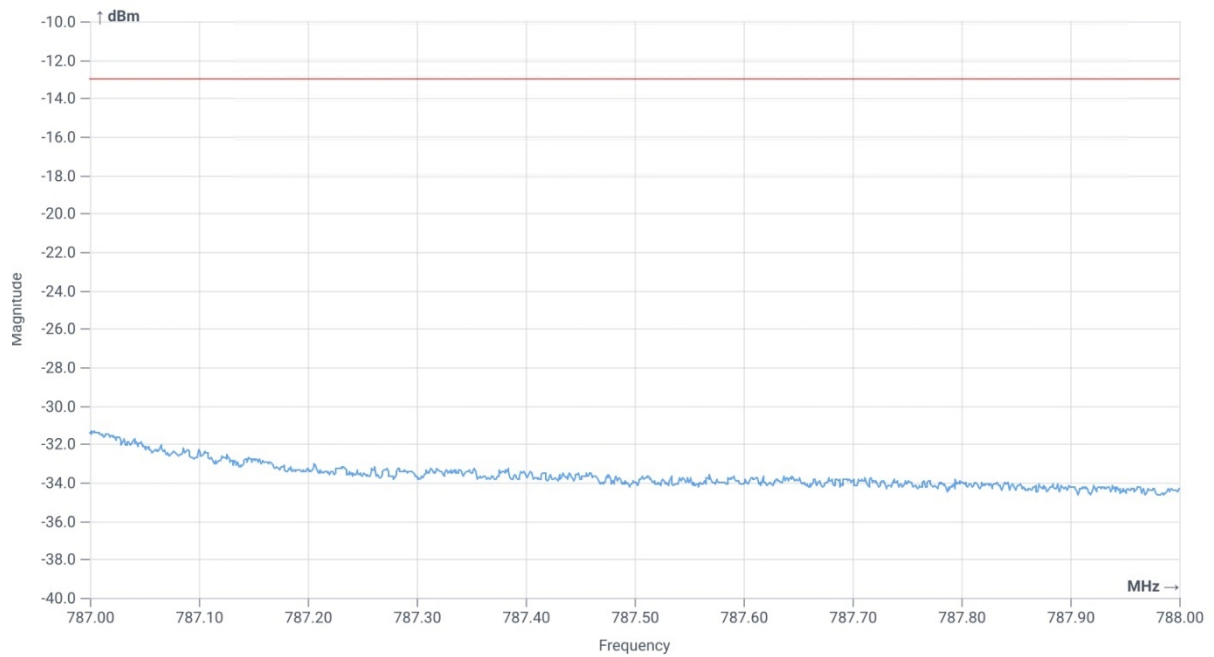
Conducted measurement: Band power -26.02 dBm

9.1303_Bandedge_high_LTE_FDD_B13_CH_high_RB_1_high



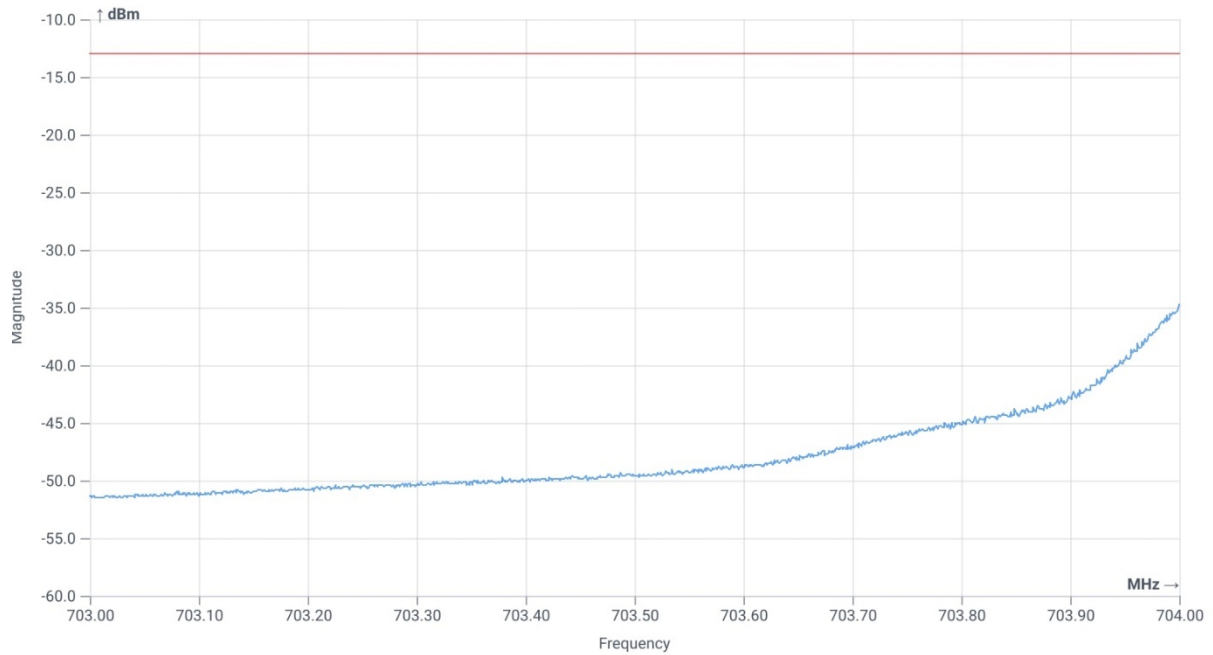
Conducted measurement: Band power -32.25 dBm

9.1304_Bandedge_high_LTE_FDD_B13_CH_high_RB_Full



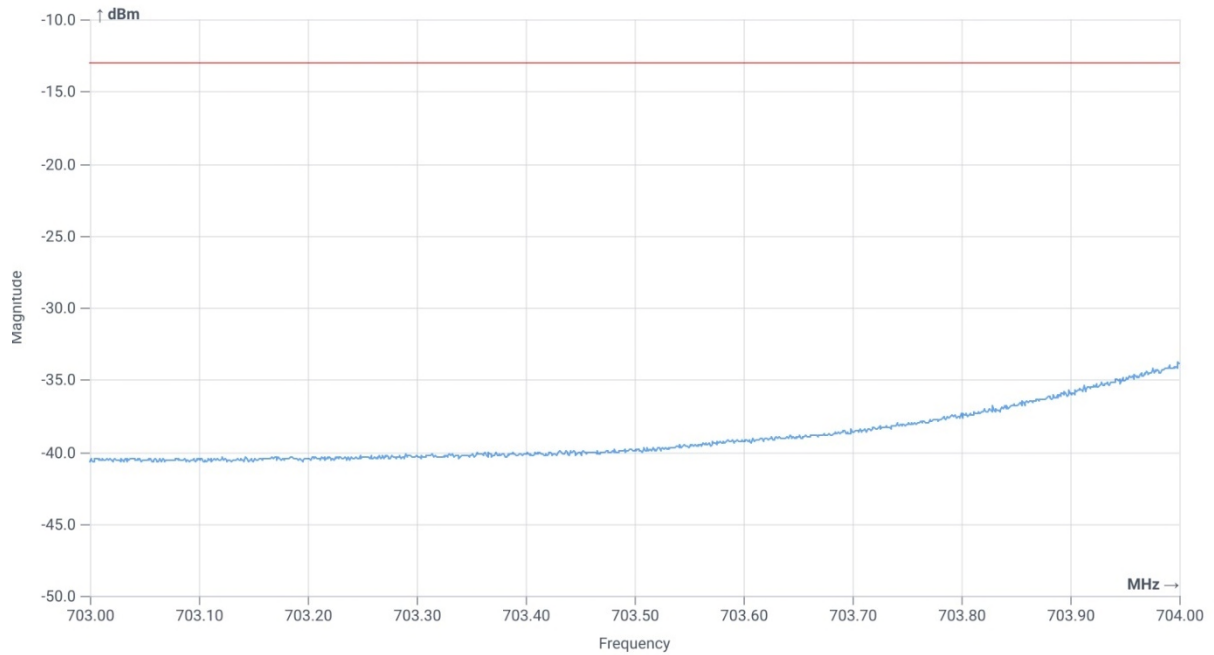
Conducted measurement: Band power -23.86 dBm

9.1701_Bandedge_low_LTE_FDD_B17_CH_low_1RB_low



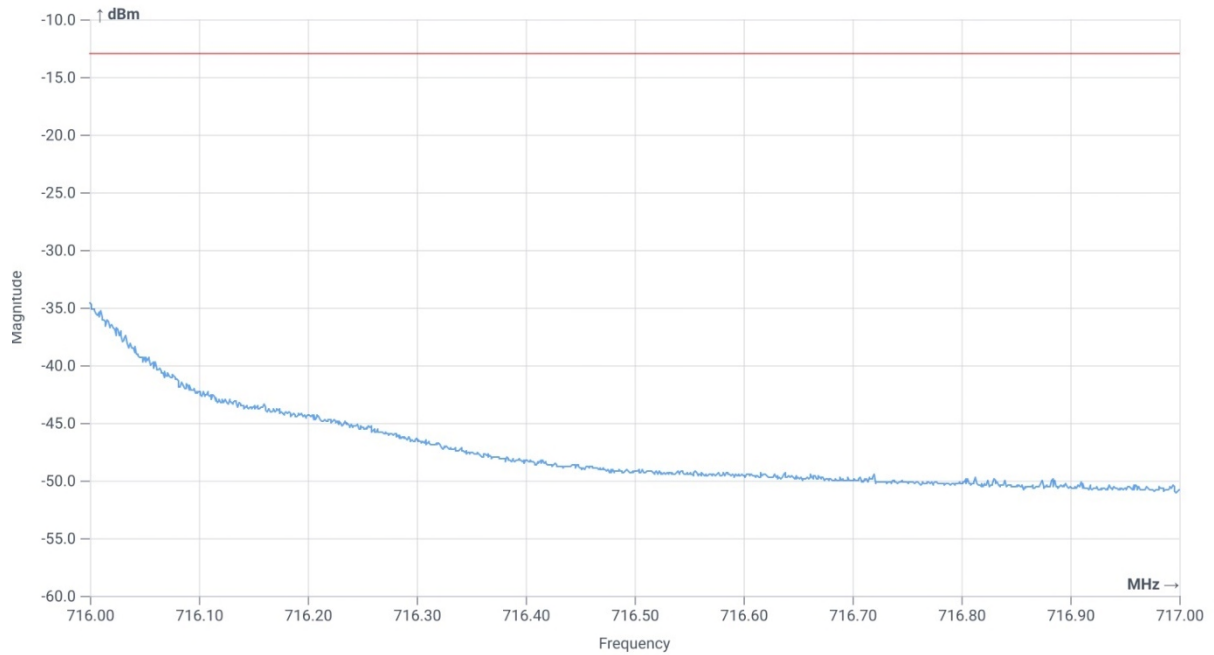
Conducted measurement: Band power -35.91 dBm

9.1702_Bandedge_low_LTE_FDD_B17_CH_low_RB_full



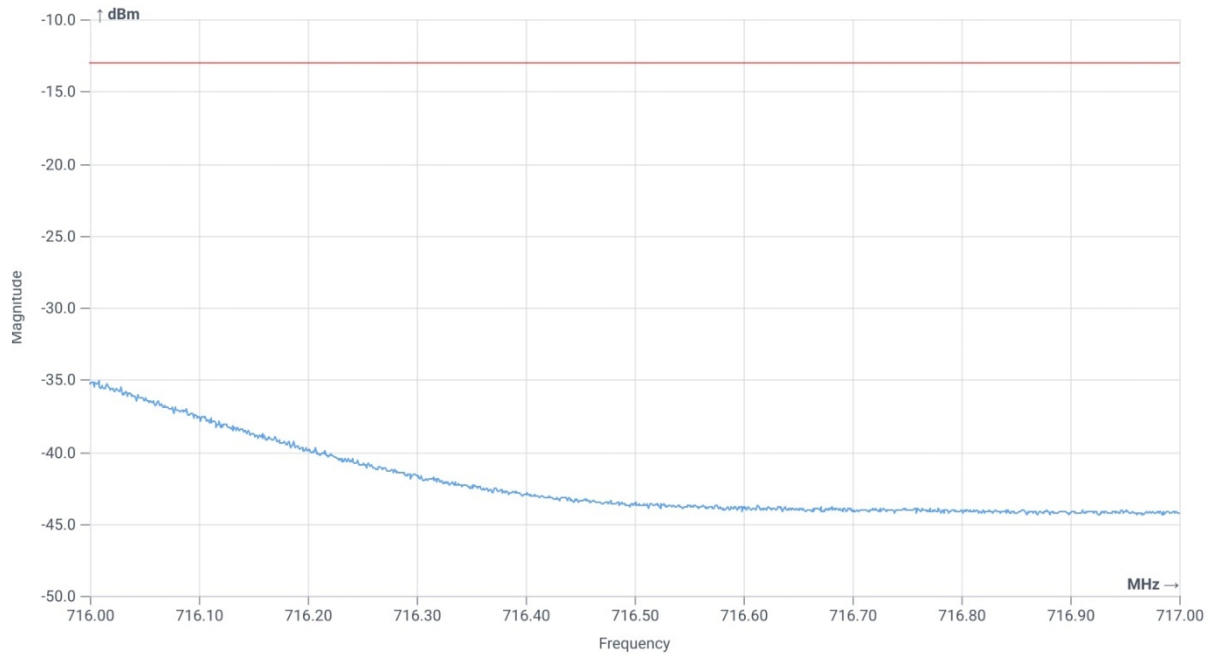
Conducted measurement: Band power -28.86 dBm

9.1703_Bandedge_high_LTE_FDD_B17_CH_high_1_RB_high



Conducted measurement: Band power -35.57 dBm

9.1704_Bandedge_high_LTE_FDD_B17_CH_high_RB_Full



Conducted measurement: Band power -31.52 dBm

1.2 Internal Antenna

1.2.1 Magnetic field strength

EUT Information for internal antenna tests

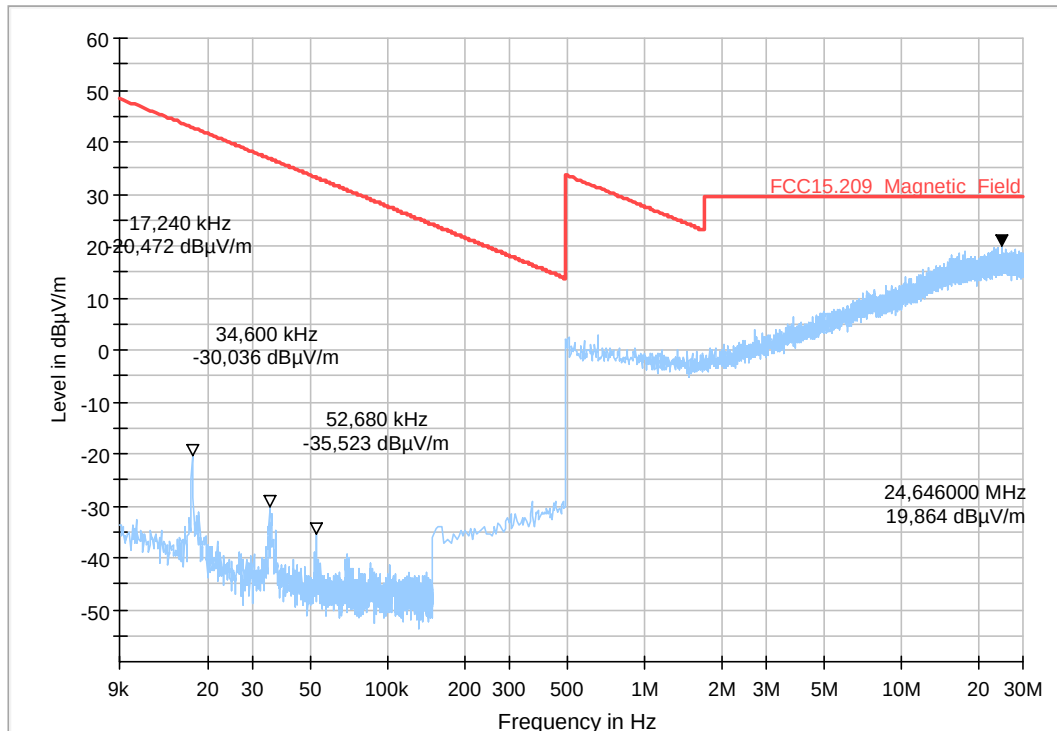
PMT number: 23-1-00176S32_C01
 Power: 12 V DC

2.201_H_field_LTE_FDD_B02_CH_18900

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
EUT Position:	lying
Operator:	PSt
Operating Mode:	LTE_FDD_B02_CH_18900
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

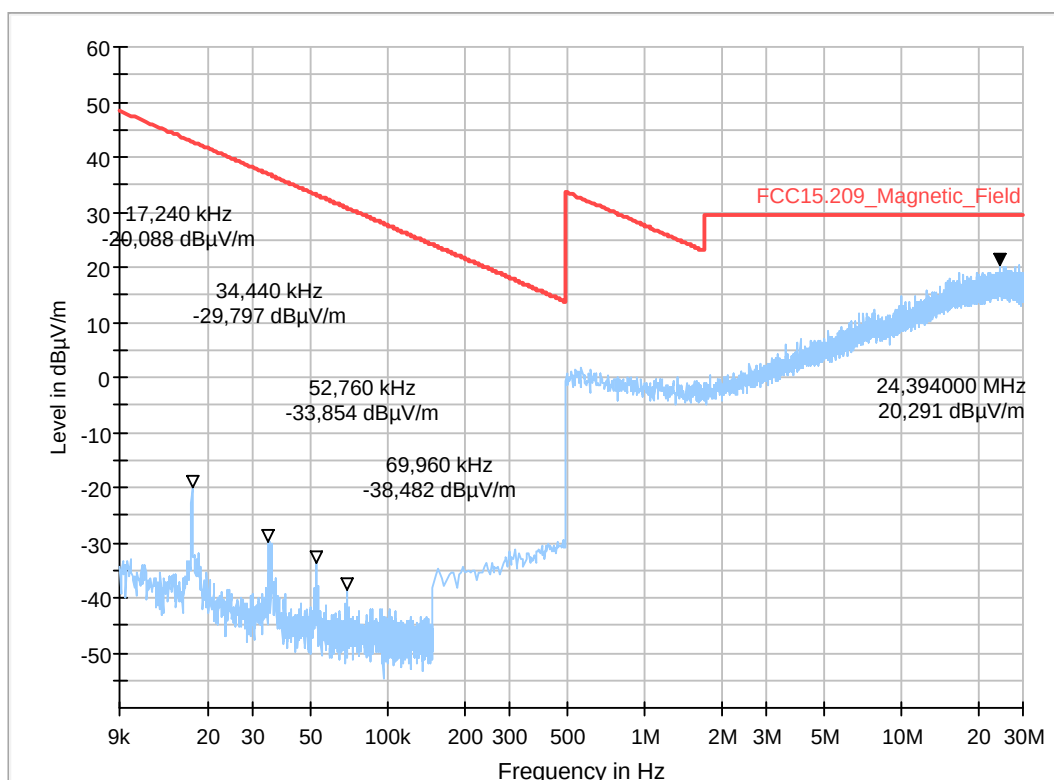


2.202_H_field_LTE_FDD_B02_CH_18900

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
EUT Position:	standing
Operator:	PSt
Operating Mode:	LTE_FDD_B02_CH_18900
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

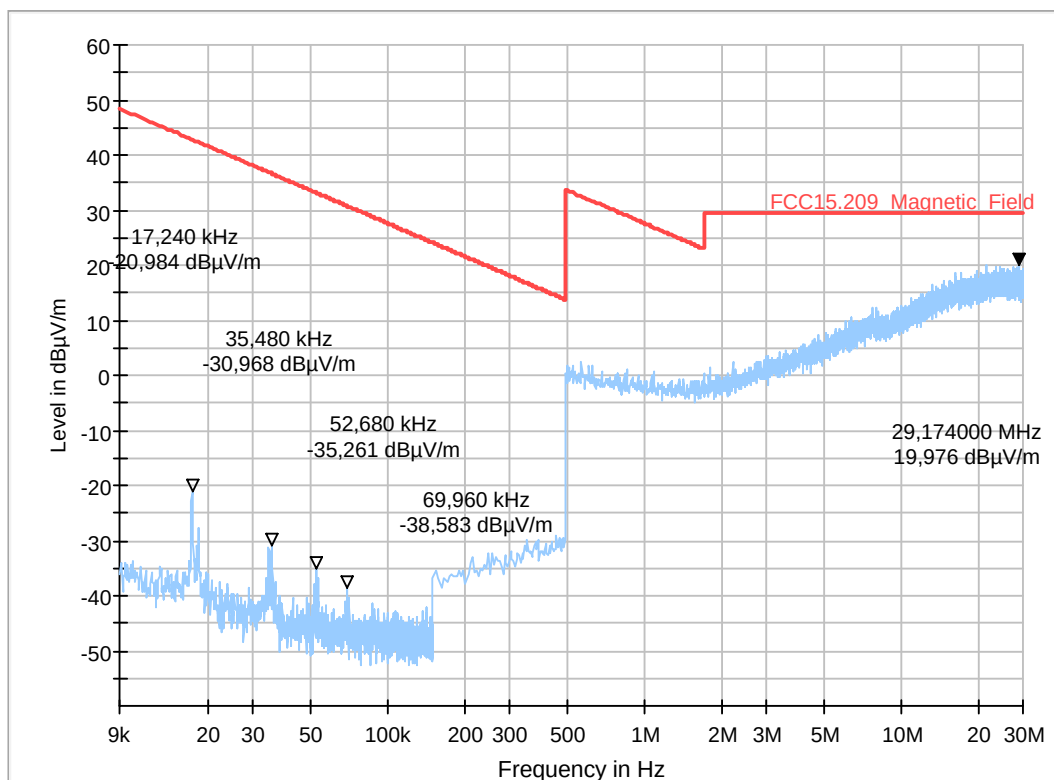


2.401_Traffic_mode_LTE_FDD_B04_CH_20175

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
EUT Position:	laying
Operator:	PSt
Operating Mode:	LTE_FDD_B04_CH_20175
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

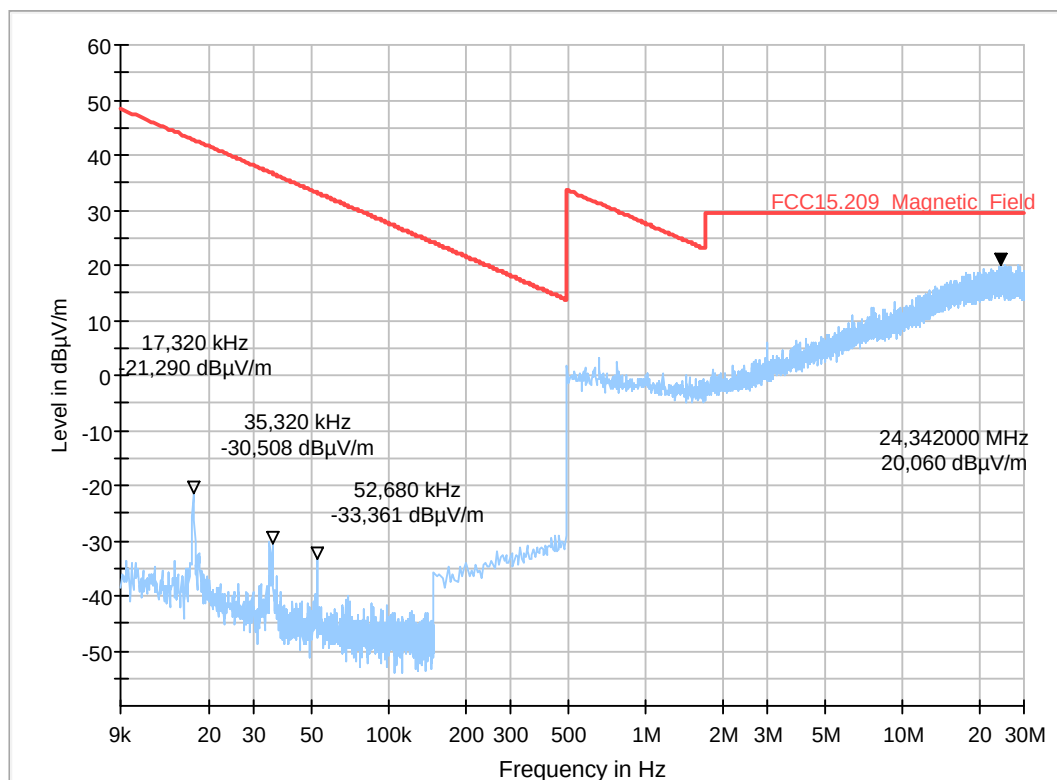


2.501_Traffic_mode_LTE_FDD_B05_CH_20525

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
EUT Position:	laying
Operator:	PSt
Operating Mode:	LTE_FDD_B05_CH_20525
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

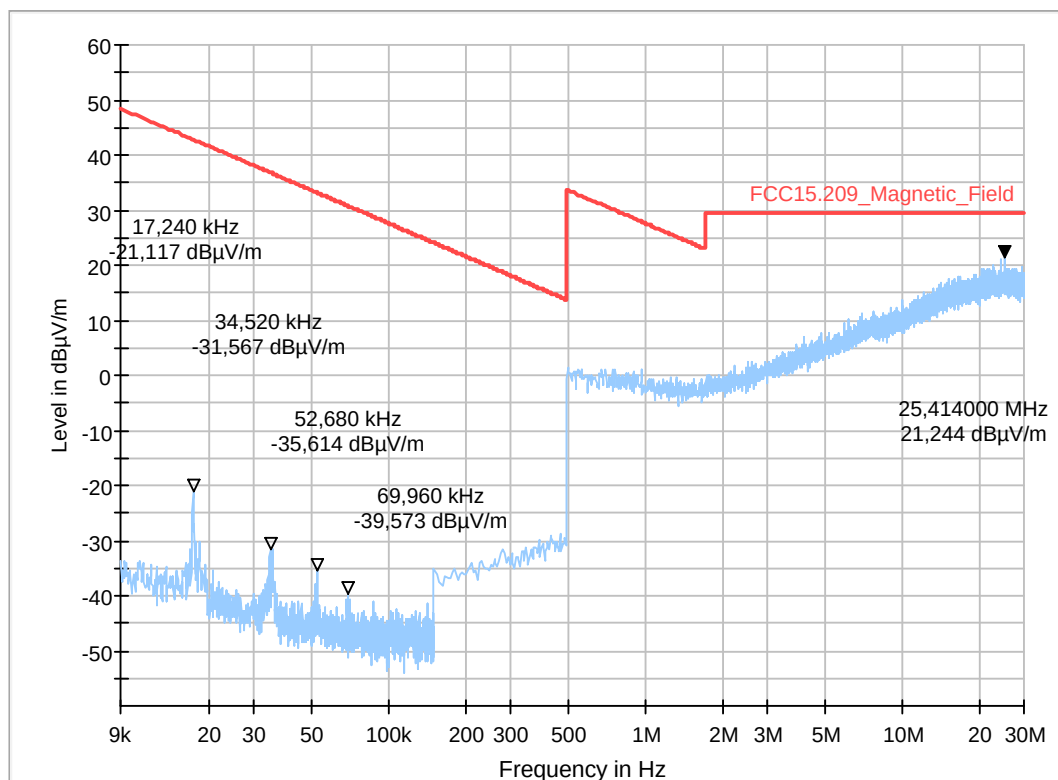


2.701_H_field_LTE_FDD_B07_CH_21100

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
EUT Position:	laying
Operator:	PSt
Operating Mode:	LTE_FDD_B07_CH_21100
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

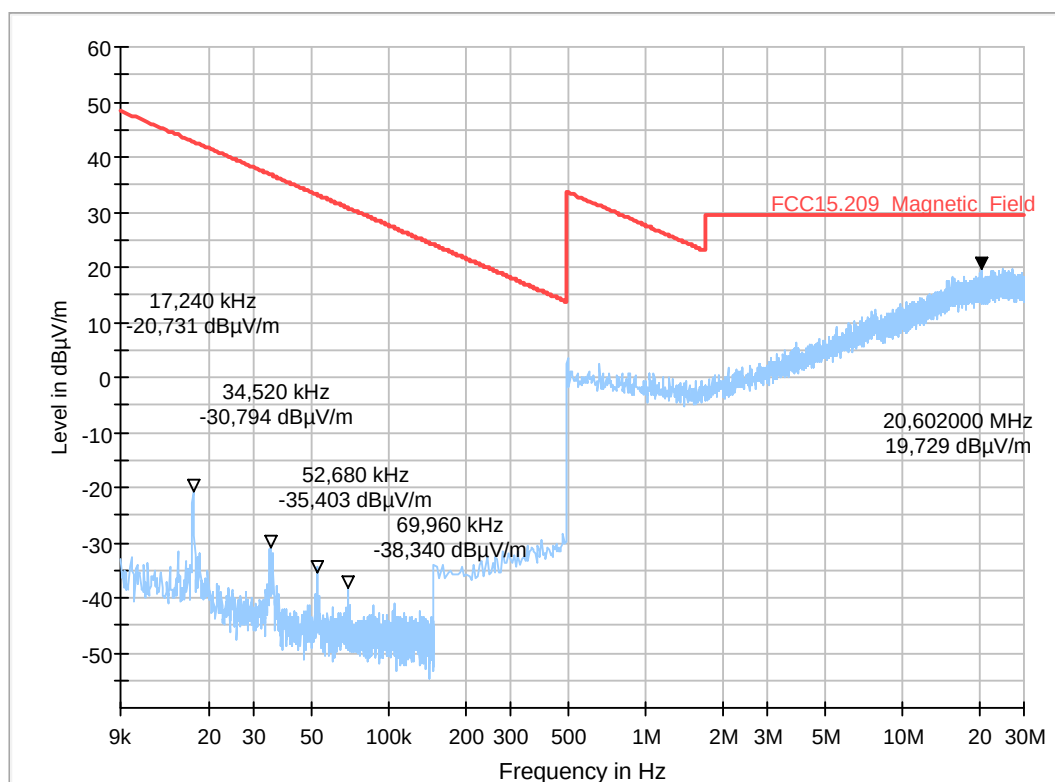


2.1201_H_field_LTE_FDD_B12_CH_23095

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
EUT Position:	lying
Operator:	PSt
Operating Mode:	LTE_FDD_B12_CH_23095
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

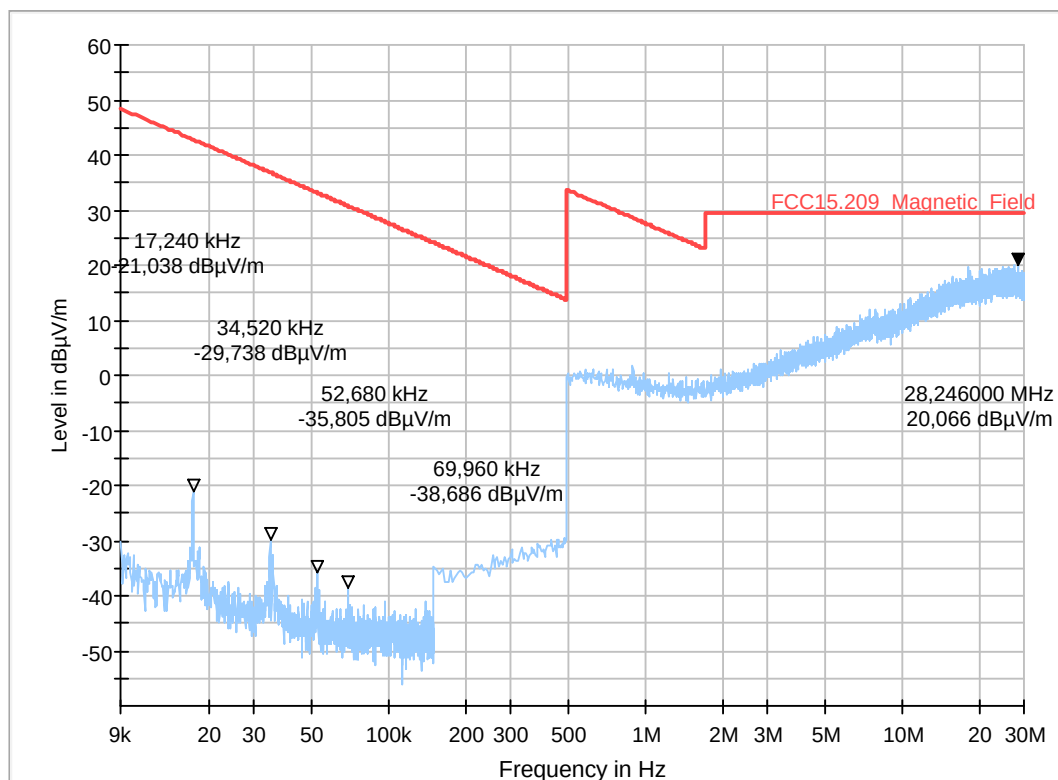


2.1301_H_field_LTE_FDD_B13_CH_23230

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
EUT Position:	lying
Operator:	PSt
Operating Mode:	LTE_FDD_B13_CH_23230
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum

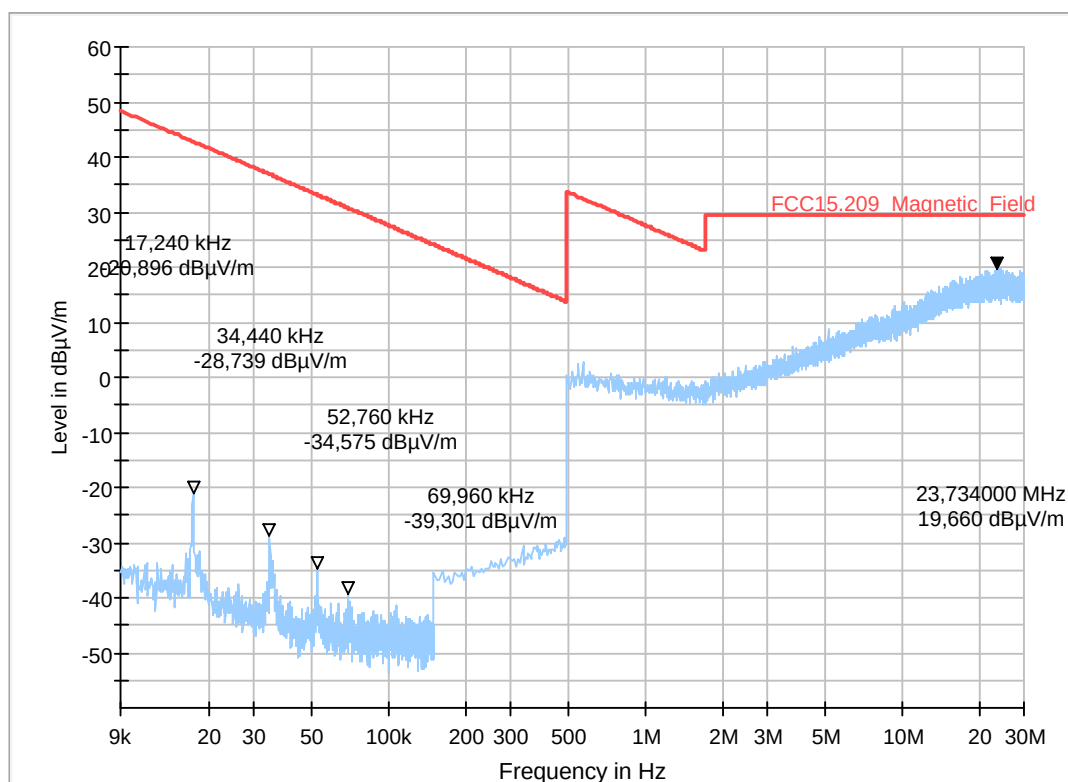


2.1701_H_field_LTE_FDD_B17_CH_23790

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
EUT Position:	lying
Operator:	PSt
Operating Mode:	LTE_FDD_B17_CH_23790
Power during tests:	12 V DC
Environmental Conditions:	Humidity: 44% rH; Temperature: 20.2 °C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



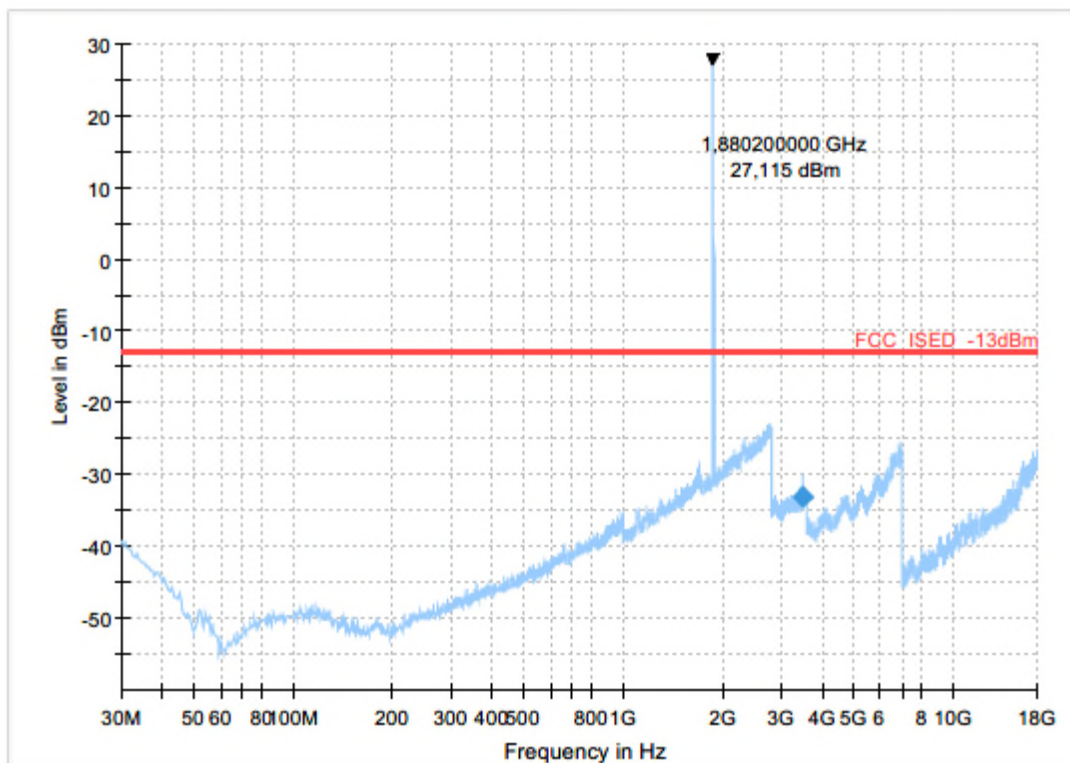
1.2.2 Radiated emissions

8.02_Traffic_mode_LTE_FDD_B02_CH_18900

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Chamber
Test Standard:	FCC FCC Part 24 / RSS-133
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V10.60.20
Operating Mode:	LTE_FDD_B02_CH_18900
Operator:	SOz
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



Remark: Emission at 1.88 GHz is uplink frequency of LTE FDD 2 and not related to emission results.

Final Result

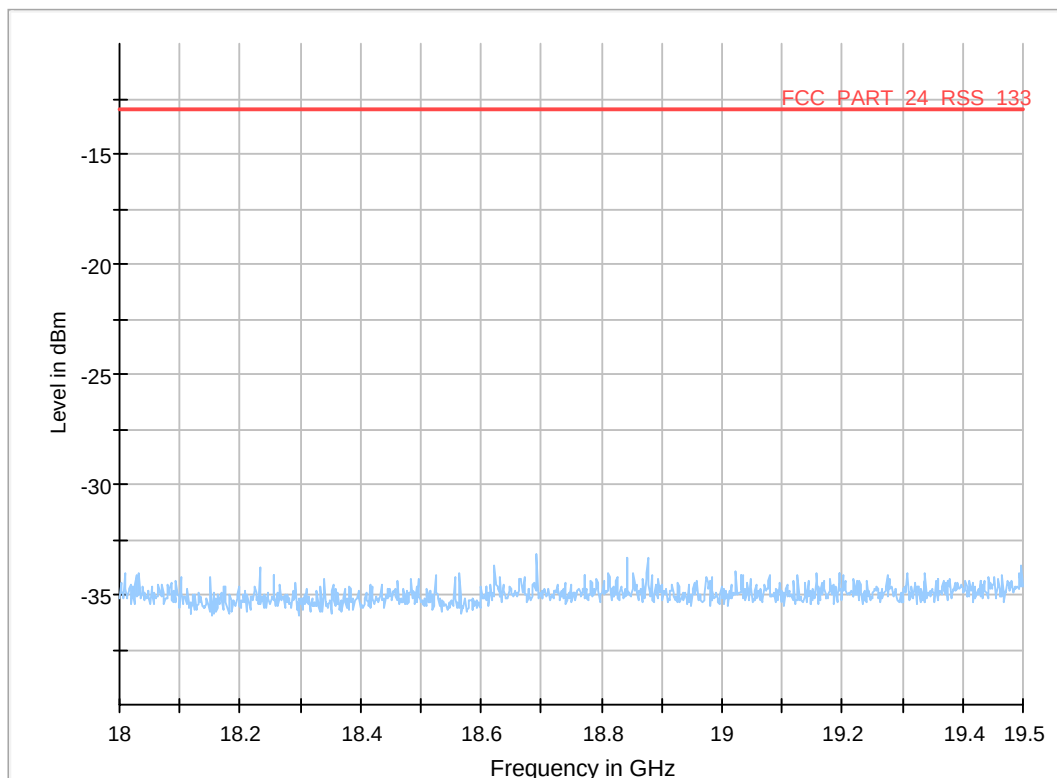
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin	Meas. Time	Bandwidth	Height	Pol	Azimuth	Elevation	Correction
3495.985000	-33.26	-13.00	20.26	100.0	1000.000	155.0	V	102.0	0.0	-83

8.02a_Traffic_mode_LTE_FDD_B02_CH_18900

Common Information

Test Description:	Radiated Spurious Emissions
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Room
Test Standard:	FCC Part 24 / RSS-133
Operating Mode:	LTE_FDD_B02_CH_18900
Exclusionband:	1850- 1910MHz
Environmental Conditions:	Humidity: 43%rH; Temperature: 20.6°C
Operator:	SOz
EUT Setup:	1
Verdict:	Passed

Full Spectrum

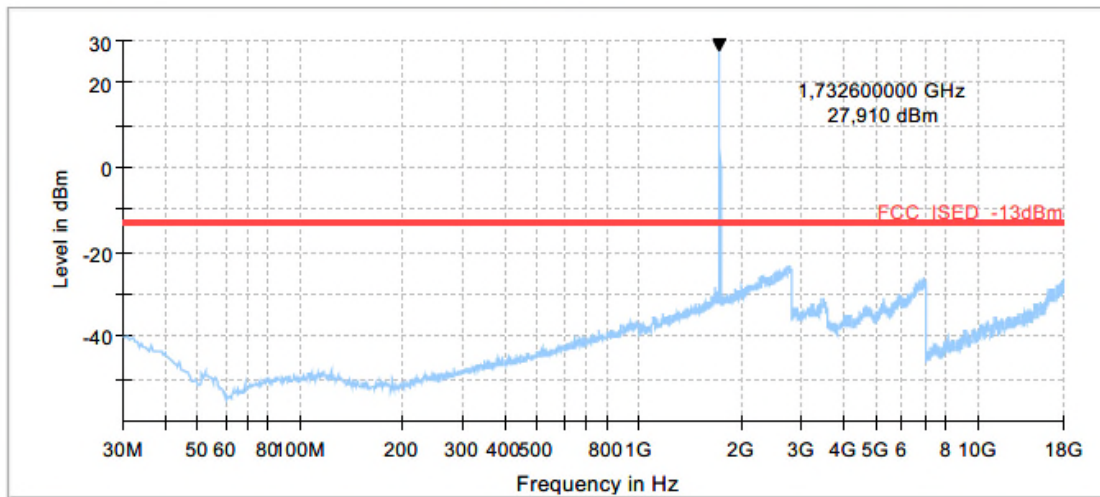


8.04_Traffic_mode_LTE_FDD_B04_CH_20175

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-139
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V10.60.20
Operating Mode:	LTE_FDD_B04_CH_20175
Operator:	SOz
Comment:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



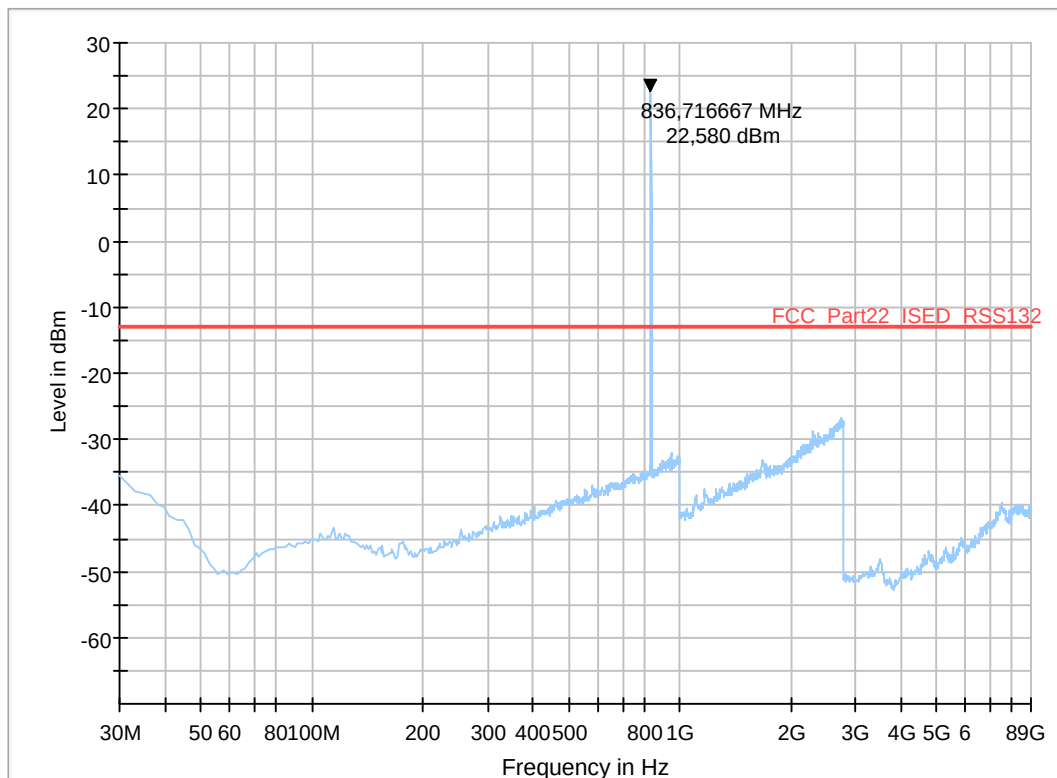
Remark: Emission at 1.73 GHz is uplink frequency of LTE FDD 4 and not related to emission results.

8.05_Traffic_mode_LTE_FDD_B05_CH_20525

Common Information

Test Description:	Radiated emission
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 22 / RSS-132
Antenna polarisation:	vertical / horizontal
Operating Mode:	LTE_FDD_B05_CH_20525
Operator:	SOz
Comment:	
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



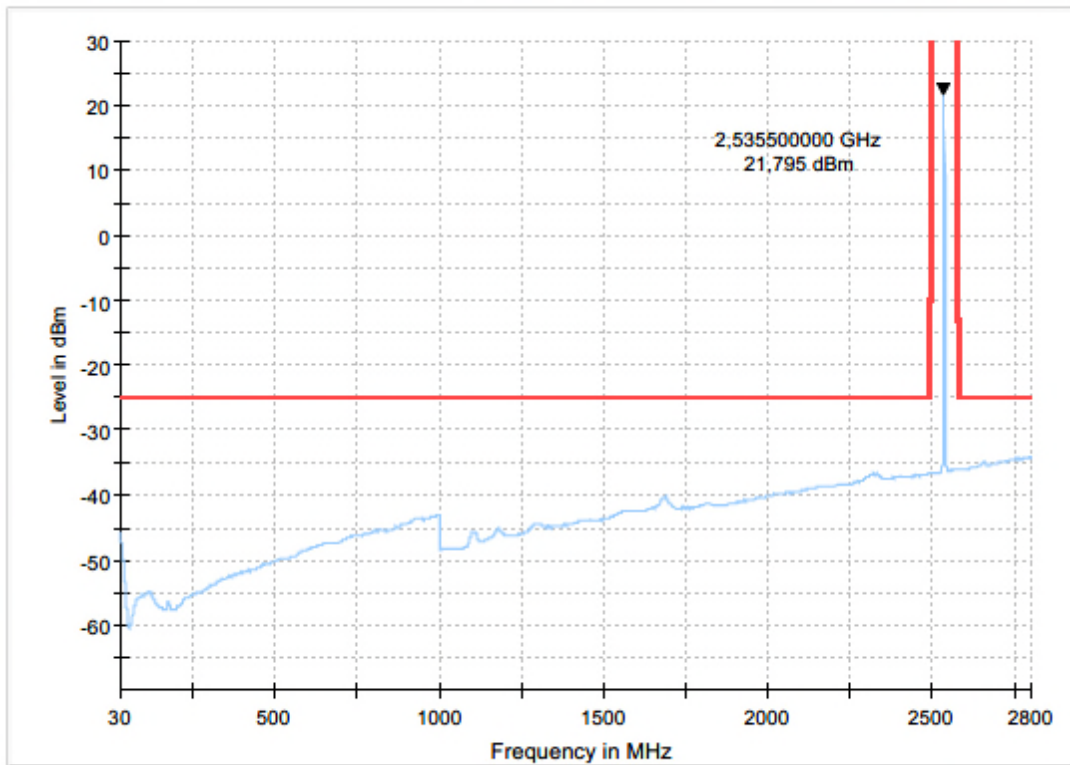
Remark: Emission at 836 MHz is uplink frequency of LTE FDD 5 and not related to emission results.

8.07a_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emission
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC Part 27 / RSS-199
Operating Mode:	LTE_FDD_B07_CH_21100
Environmental Conditions:	Humidity: 45%rH; Temperature: 21°C
Test SW Version:	EMC32 V10.60.20
Operator:	TFra/PSt
EUT Setup:	1
Verdict:	Passed

Full Spectrum

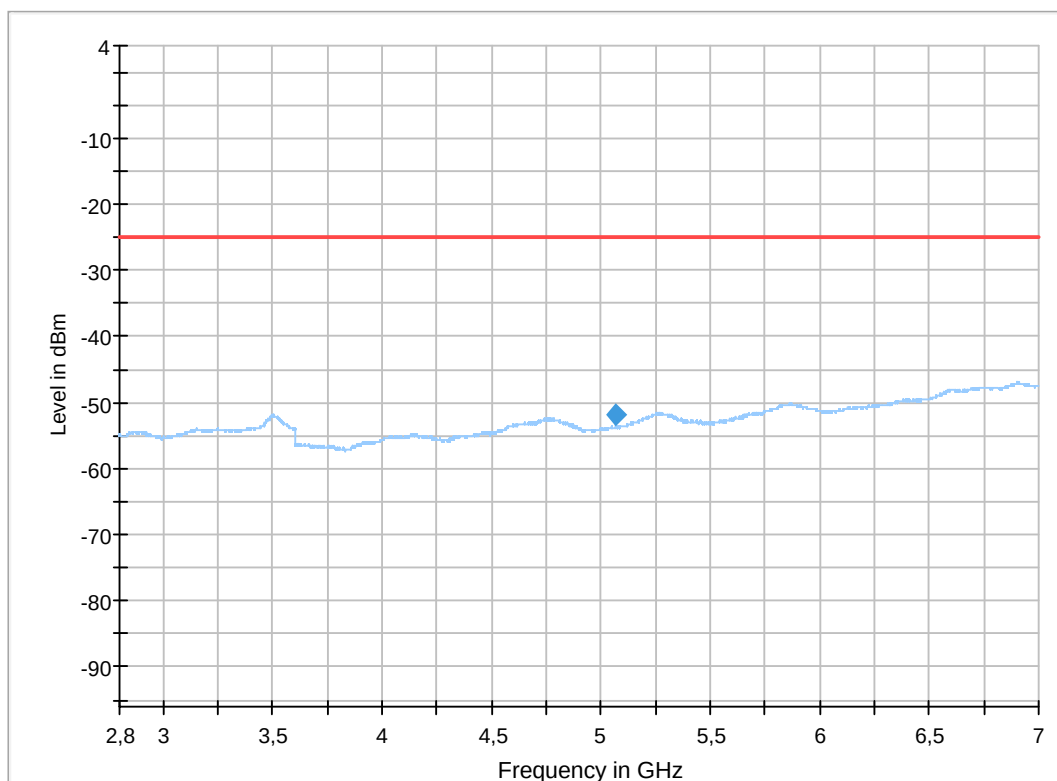


8.07b_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emission
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Operating Mode:	LTE_FDD_B07_CH_21100
Environmental Conditions:	Humidity: 45%rH; Temperature: 21°C
Operator:	Asa
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

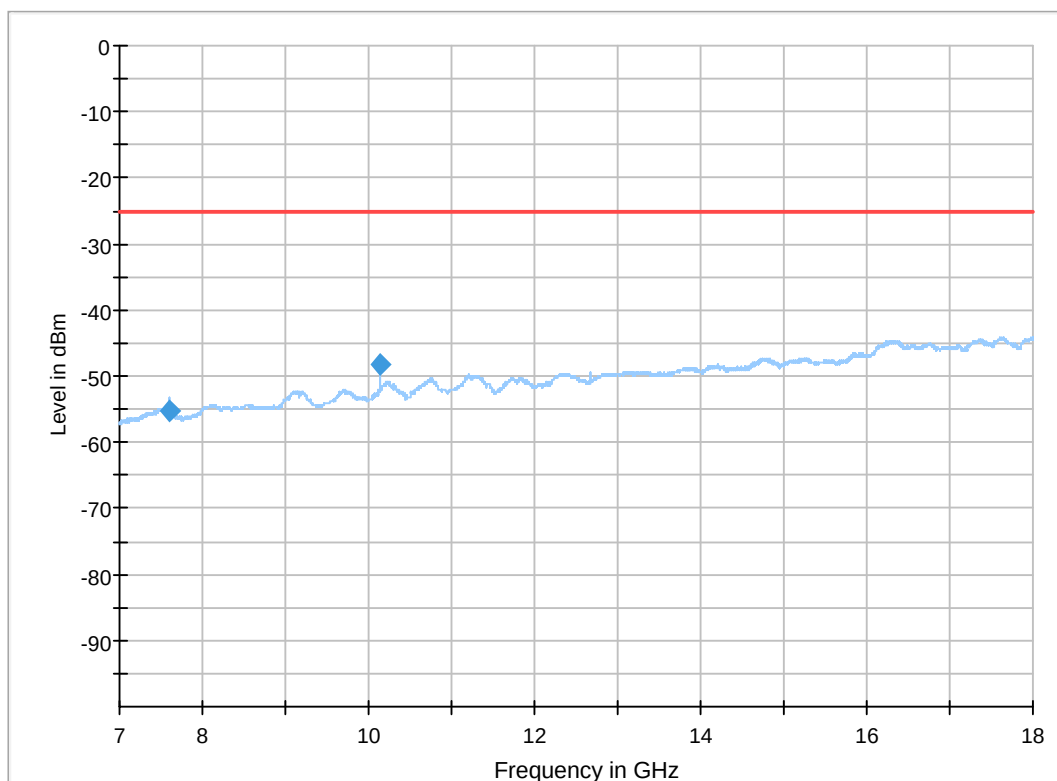
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
5070.110000	-51.98	-25.00	26.98	1000.0	1000.000	H	-3.0	90.0	-82

8.07c_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emission
Test Site Location:	cetcom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Operating Mode:	LTE_FDD_B07_CH_21100
Environmental Conditions:	Humidity: 45%rH; Temperature: 21°C
Operator:	Asa
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

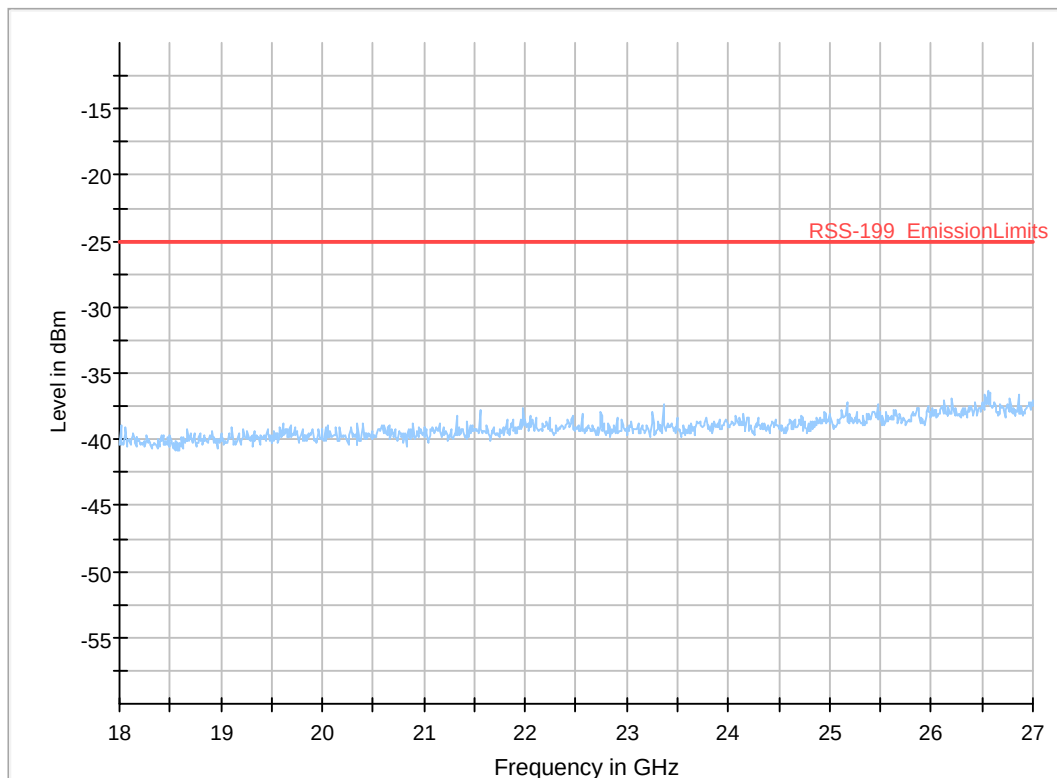
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
7605.330000	-55.31	-25.00	30.31	1000.0	1000.000	H	48.0	90.0	-95
10140.313333	-48.37	-25.00	23.37	1000.0	1000.000	H	42.0	90.0	-90

8.07d_Traffic_mode_LTE_FDD_B07_CH_21100

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetecom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-199
Comm. Link:	LTE Band 7
Operating Mode:	LTE_FDD_B07_CH_21100
Exclusionband:	2496 to 2690 MHz
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	SOz
Set-up:	1
Verdict:	Passed

Full Spectrum

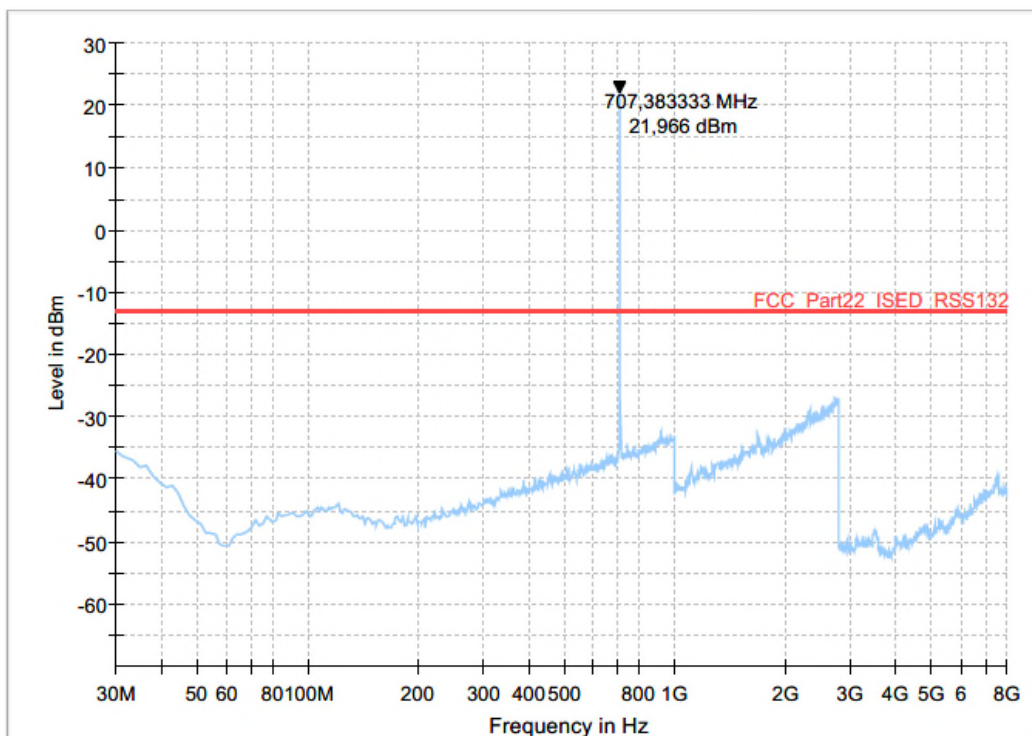


8.12_Traffic_mode_LTE_FDD_B12_CH_23095

Common Information

Test Description:	Radiated emission
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Antenna polarisation:	vertical / horizontal
Operating Mode:	LTE_FDD_B12_CH_23095
Operator:	SOz
Comment:	
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	1
Verdict:	Passed

Full Spectrum



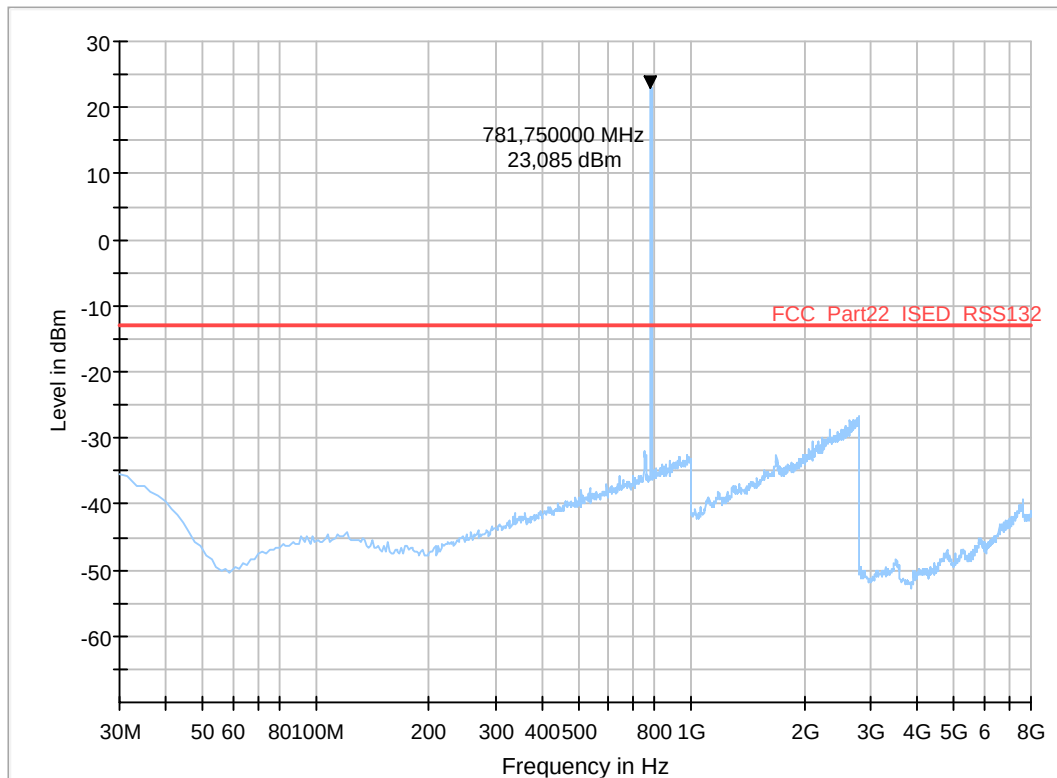
Remark: Emission at 707 MHz is uplink frequency of LTE FDD 12 and not related to emission results.

8.13_Traffic_mode_LTE_FDD_B13_CH_23230

Common Information

Test Description:	Radiated emission
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Antenna polarisation:	vertical / horizontal
EUT:	
Operating Mode:	LTE_FDD_B13_CH_23230
Operator:	Asa
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	01
Verdict:	Passed

Full Spectrum



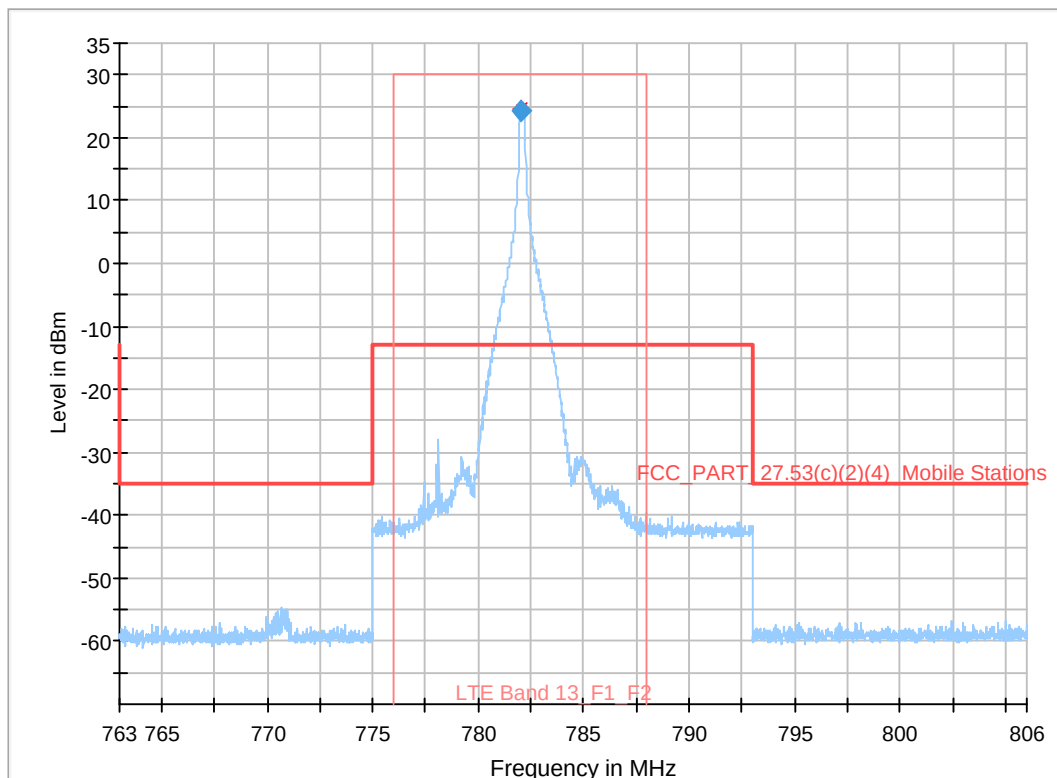
Remark: Emission at 781 MHz is uplink frequency of LTE FDD 13 and not related to emission results.

8.13a_Traffic_mode_LTE_FDD_B13_CH_23230_GPS_Band

Common Information

Test Description:	Radiated emissions
Test Site Location:	ceteacom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Comm. Link:	LTE Band 13
Operating Mode:	LTE_FDD_B13_CH_23230_GPS_Band
Environmental Conditions:	Humidity : 50 % rH; Temperature: 21°C
Operator:	ASa/TFra
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

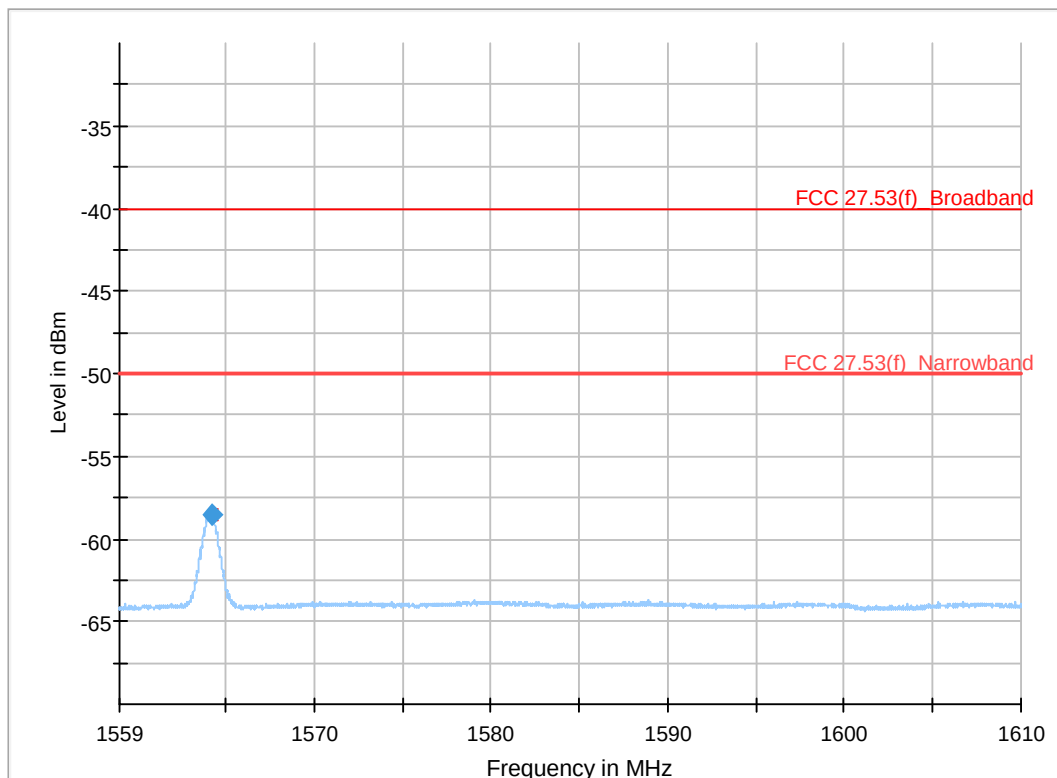
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
782.074000	24.23	-13.00	-37.23	100.0	100.000	H	345.0	90.0	-77

8.13b_Traffic_mode_LTE_FDD_B13_CH_23230_GPS_Band

Common Information

Test Description:	Radiated emissions
Test Site Location:	cetekom advanced GmbH Essen
Test Site:	Fully Anechoic Chamber
Test Standard:	FCC Part 27 / RSS-130
Comm. Link:	LTE Band 13
Operating Mode:	LTE_FDD_B13_CH_23230_GPS_Band
Environmental Conditions:	Humidity : 50 % rH; Temperature: 21°C
Operator:	ASa/TFra
EUT Setup:	01
Verdict:	Passed

Full Spectrum



Final Result

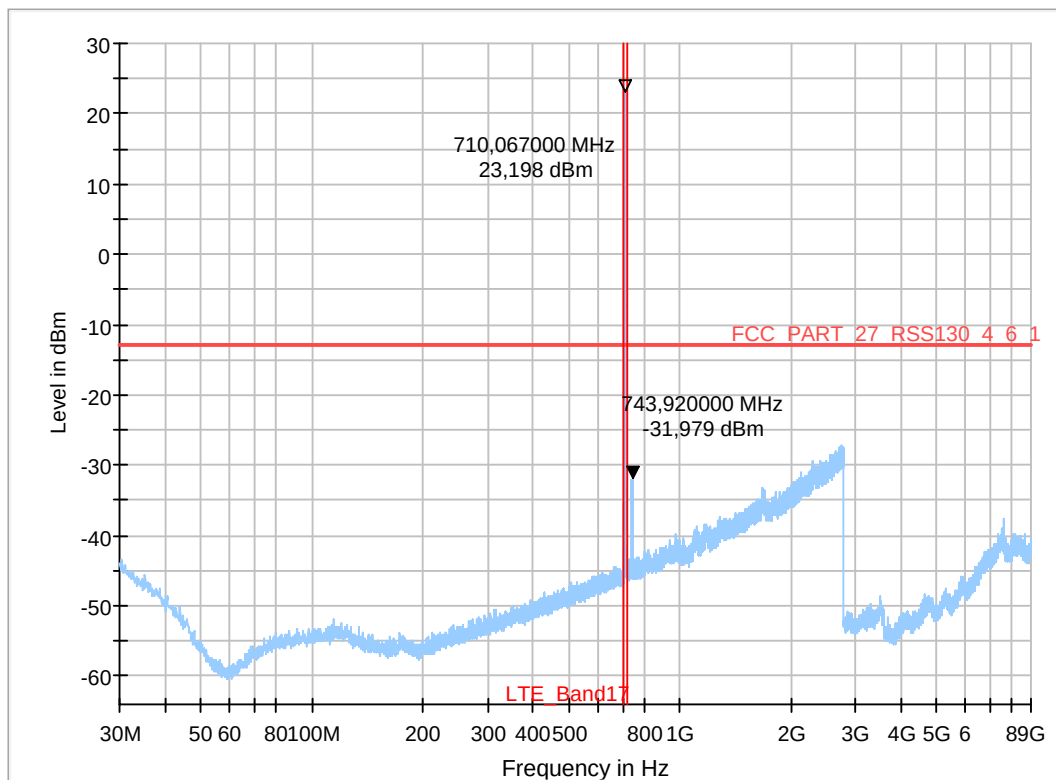
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Trd Corr. (dB)
1564.240250	-58.56	-50.00	8.56	3000.0	1000.000	V	359.0	90.0	-71

8.17_Traffic_mode_LTE_FDD_B17_CH_23790

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic-Chamber
Test Standard:	FCC Part 27 / RSS-130
Antenna polarisation:	vertical / horizontal
Test software	#Ver
Operating Mode:	LTE_FDD_B17_CH_23790
Operator:	Asa
Environmental Conditions:	Humidity : 50%rH; Temperature: 20°C
EUT Setup:	01
Verdict:	Passed

Full Spectrum



End Of Annex 1