Annex 1: Measurement diagrams to
T E S T R E P O R T
No.: 17-1-0172601T18a-C3

According to:
FCC Regulations
Part 22, Part 24, Part 27

ISED-Regulations
RSS-132 Issue 3, RSS-133 Issue 6,
RSS-139 Issue 2, RSS-Gen Issue 4
RSS-130 Issue 1

for

Robert Bosch Tool Corporation

MI2C001-001-US

With integrated SARA-R410M LTE Cat-M1 Module

FCC ID: TXTGSH27
ISED: 909H-TXTGSH27

Laboratory Accreditation
ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-PL-12047-01-01 D-PL-12047-01-03 D-PL-12047-01-04
accredited according to DIN EN ISO/IEC 17025

CETECOM GmbH
Laboratory Radio Communications & Electromagnetic Compatibility
Im Teelbruch 116 • 45219 Essen • Germany
Registered in Essen, Germany, Reg. No.: HRB Essen 8984
Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964
E-mail: info@cetecom.com • Internet: www.cetecom.com

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1. Measurement diagrams LTE-mode

1.1. Power conducted

1.1.1. Power conducted LTE-Band 2

LTE-Band 2				QPSK-Modulation			16-QAM-Modulation			max- modulation QPSK	max. modulation 16QAM	max. bandwidth	absolute max. value channels/bandwidths
channel bandwidth	ARFCN ch. no.	ARFCN-Frequency [MHz]	Resource block allocation	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]				
1.4 MHz	18607	1850,7	1 RB low	27,22	22,98	4,24	27,62	23,18	4,44	23	23,37	24,99	24,99
			1 RB high	27,32	23	4,32	27,72	23,28	4,44				
			50% RB mid	26,47	22,69	3,78	27,05	23,29	3,76				
			100% RB	25,94	22,69	3,25	27,28	23,37	3,91				
	18900	1880	1 RB low	27,41	22,92	4,49	27,92	23,84	4,08	22,97	23,84		
			1 RB high	27,5	22,97	4,53	27,96	23,8	4,16				
			50% RB mid	26,68	22,84	3,84	27,22	23,43	3,79				
			100% RB	26,06	22,78	3,28	27,57	23,33	4,24				
	19193	1909,3	1 RB low	29,55	24,77	4,78	27,99	23,31	4,68	24,99	23,32		
			1 RB high	29,58	24,99	4,59	28,11	23,32	4,79				
			50% RB mid	28,85	24,98	3,87	27,33	23,32	4,01				
			100% RB	28,81	24,78	4,03	27,55	23,32	4,23				

1.1.2. Power conducted LTE-Band 4

LTE-Band 4				QPSK-Modulation			16-QAM-Modulation			max- modulation QPSK	max. modualtion 16-QAM	max. channel	absolute max. value
channel bandwidth	ARFCN ch. no.	ARFCN-Frequency [MHz]	Resource block allocation	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]				
1.4 MHz	19957	1710,7	1 RB low	28,22	23,81	4,41	28,17	23,74	4,43	23,93	23,81	24,07	24,070
			1 RB high	28,48	23,67	4,81	28,32	23,74	4,58				
			50% RB mid	27,37	23,93	3,44	27,54	23,74	3,8				
			100% RB	27,35	23,85	3,5	27,9	23,81	4,09				
	20175	1732,5	1 RB low	27,94	23,51	4,43	27,96	24,07	3,89	23,58	24,07		
			1 RB high	28,09	23,58	4,51	28,07	24,01	4,06				
			50% RB mid	27,34	23,51	3,83	27,28	23,55	3,73				
			100% RB	26,73	23,44	3,29	27,73	23,46	4,27				
	20393	1754,3	1 RB low	27,95	23,54	4,41	27,93	23,66	4,27	23,63	23,69		
			1 RB high	28,14	23,63	4,51	28,06	23,65	4,41				
			50% RB mid	27,38	23,55	3,83	27,47	23,55	3,92				
			100% RB	27,04	23,55	3,49	27,78	23,69	4,09				

1.1.3. Power conducted LTE-Band 5

LTE-Band 5				QPSK-Modulation			16-QAM-Modulation						
channel bandwidth	ARFCN ch. no.	ARFCN-Frequency [MHz]	Resource block allocation	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]	max- modulation QPSK	max. modulation 16-QAM	max. channel	absolute max. value
1.4 MHz	20407	824.7	1 RB low	27,06	21,6	5,46	27,94	23,49	4,45	23,42	23,49	23,80	23,80
			1 RB high	28,14	23,41	4,73	28	23,48	4,52				
			50% RB mid	27,31	23,37	3,94	27,16	23,29	3,87				
			100% RB	26,99	23,42	3,57	27,74	23,41	4,33				
	20525	836.5	1 RB low	28,16	23,42	4,74	28,17	23,56	4,61	23,45	23,80		
			1 RB high	28,15	23,42	4,73	28,07	23,56	4,51				
			50% RB mid	27,39	23,42	3,97	27,57	23,54	4,03				
			100% RB	27,01	23,45	3,56	27,71	23,8	3,91				
	20643	848.3	1 RB low	28,35	23,55	4,8	28,23	23,44	4,79	23,56	23,72		
			1 RB high	28,35	23,54	4,81	28,22	23,57	4,65				
			50% RB mid	27,4	23,55	3,85	27,66	23,58	4,08				
			100% RB	27,1	23,56	3,54	27,86	23,72	4,14				

1.1.4. Power conducted LTE-Band 12

LTE-Band 12				QPSK-Modulation			16-QAM-Modulation						
channel bandwidth	ARFCN ch. no.	ARFCN-Frequency [MHz]	Resource block allocation	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]	max- modulation QPSK	max. modulation 16-QAM	max. channel	absolute max. value
1.4 MHz	23017	699.7	1 RB low	28,46	23,83	4,63	28,47	24,22	4,25	23,86	24,22	24,22	24,22
			1 RB high	28,49	23,85	4,64	28,48	24,19	4,29				
			50% RB mid	27,76	23,86	3,90	27,73	23,81	3,92				
			100% RB	26,85	23,73	3,12	28,18	23,71	4,47				
	23095	707.5	1 RB low	28,63	24,17	4,46	28,43	23,76	4,67	24,17	23,92		
			1 RB high	28,68	24,10	4,58	28,42	23,76	4,66				
			50% RB mid	27,73	23,83	3,90	27,94	23,82	4,12				
			100% RB	27,28	23,96	3,32	28,00	23,92	4,08				
	23173	715.3	1 RB low	28,44	23,73	4,71	28,32	23,73	4,59	23,89	23,96		
			1 RB high	28,45	23,89	4,56	28,35	23,63	4,72				
			50% RB mid	27,54	23,73	3,81	27,69	23,72	3,97				
			100% RB	27,16	23,75	3,41	27,92	23,96	3,96				

1.2. PAPR-Value (CCDF plots)

1.2.1. LTE Band 2

Worst-Case of each maximum Peak power value was tested with the CCDF method

1.2.1.1. 1.4MHz signal bandwidth

Diagram: Channel_18607_1RB high_Modulation_QPSK

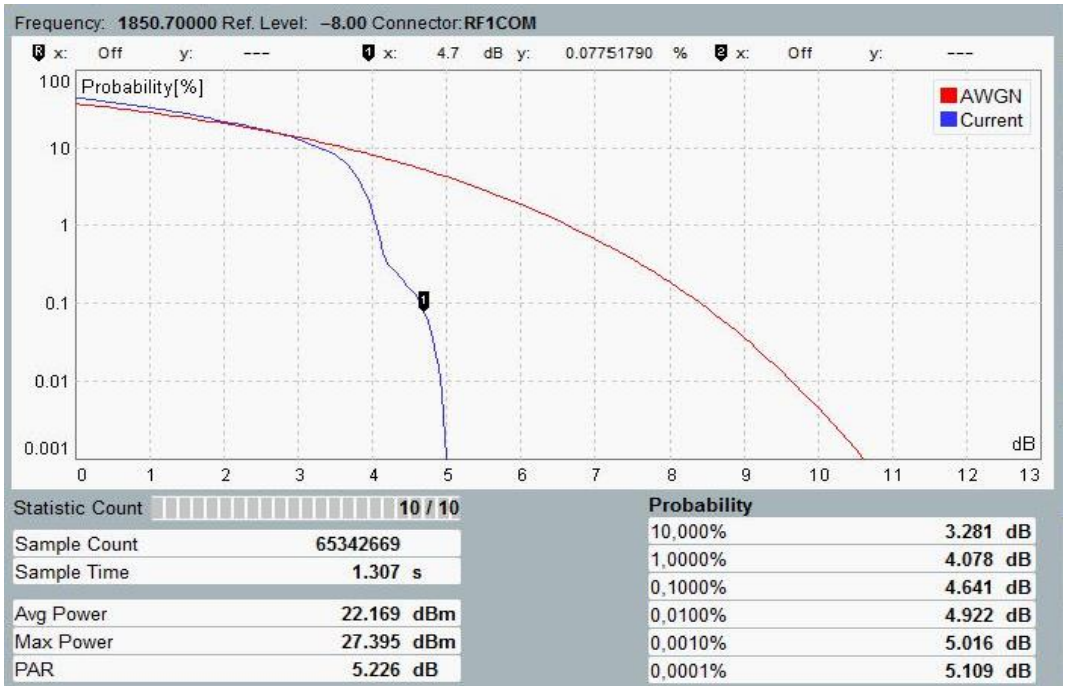


Diagram: Channel_18607_100%RB_Modulation_16QAM

Diagram: Channel_18900_1RB high_Modulation_QPSK

Diagram: Channel_18900_1RB Low_Modulation_16QAM

Diagram: Channel_19193_1RB high_Modulation_QPSK

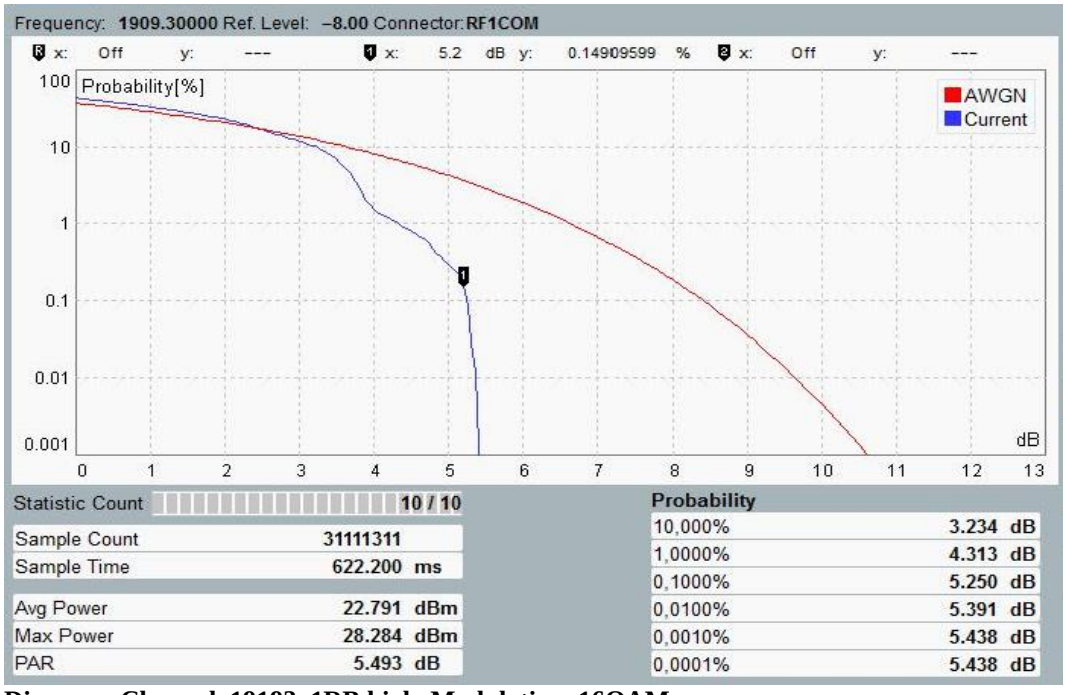


Diagram: Channel_19193_1RB high_Modulation_16QAM

1.2.2. LTE Band 4

Worst-Case of each maximum Peak power value was tested with the CCDF method

1.2.2.1. 1.4MHz signal bandwidth

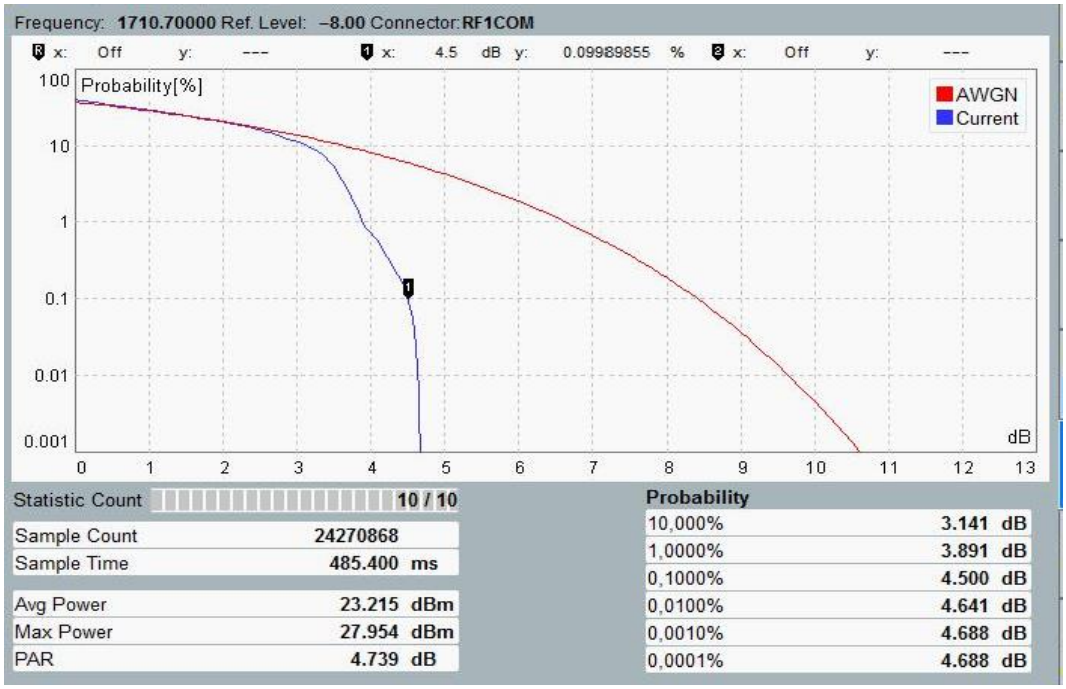


Diagram: Channel_19957_50%RB_Modulation_QPSK

Diagram: Channel_19957_100%RB_Modulation_16QAM

Diagram: Channel_20175_1RB high_Modulation_QPSK

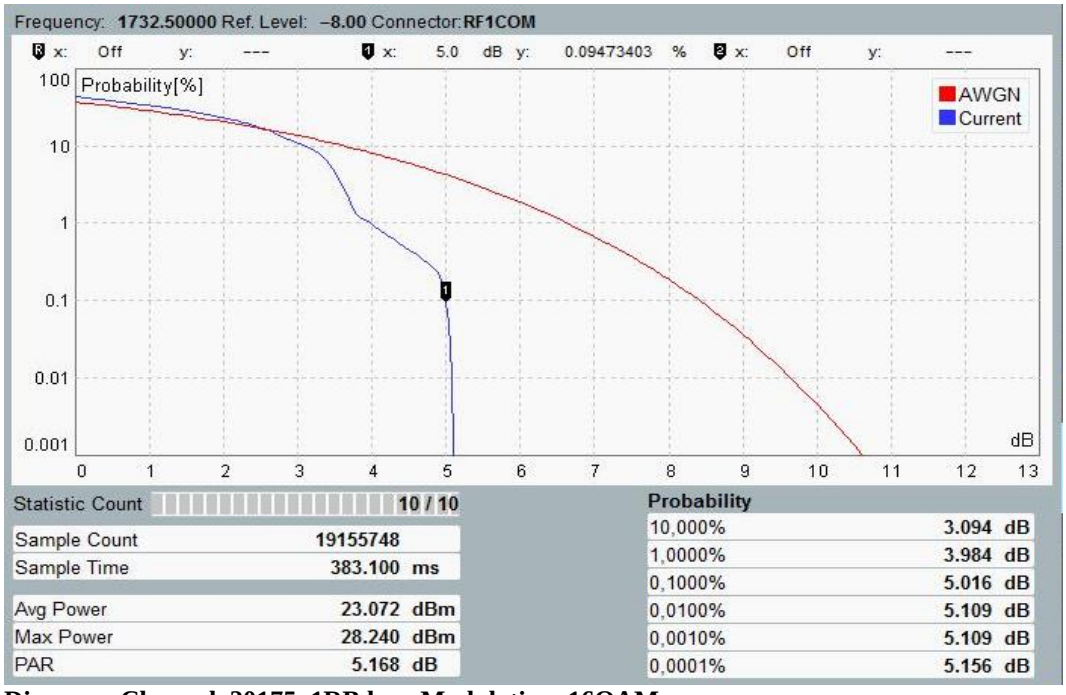


Diagram: Channel_20175_1RB low_Modulation_16QAM

Diagram: Channel_20393_1RB high_Modulation_QPSK

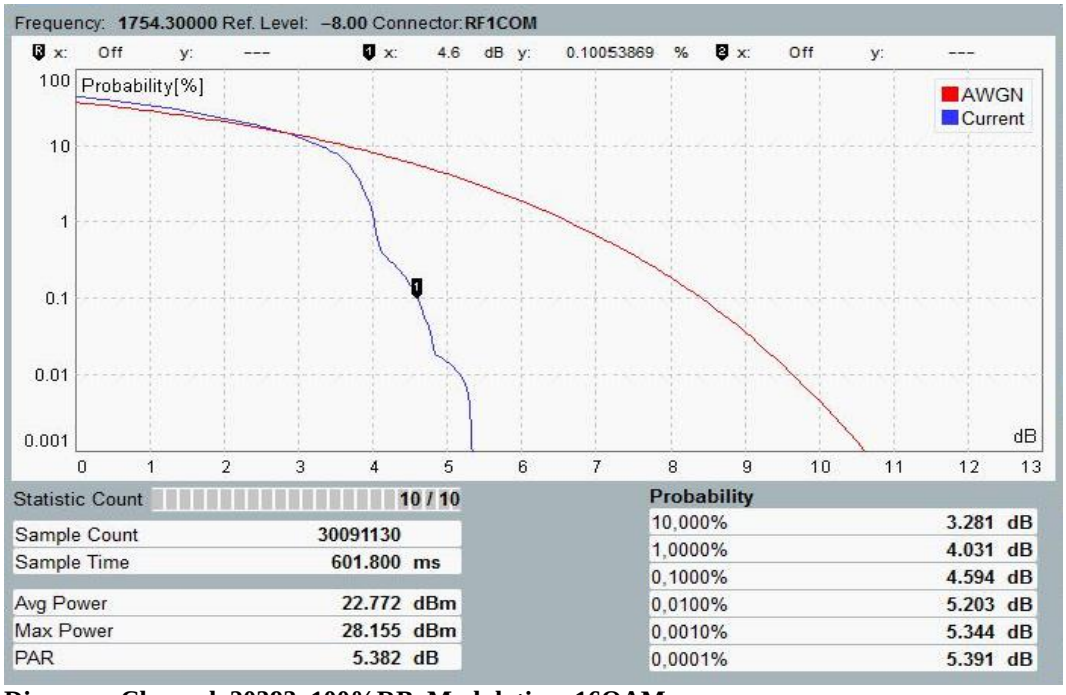


Diagram: Channel_20393_100%RB_Modulation_16QAM

1.2.3. LTE Band 5

Worst-Case of each maximum Peak power value was tested with the CCDF method

1.2.3.1. 1.4MHz signal bandwidth

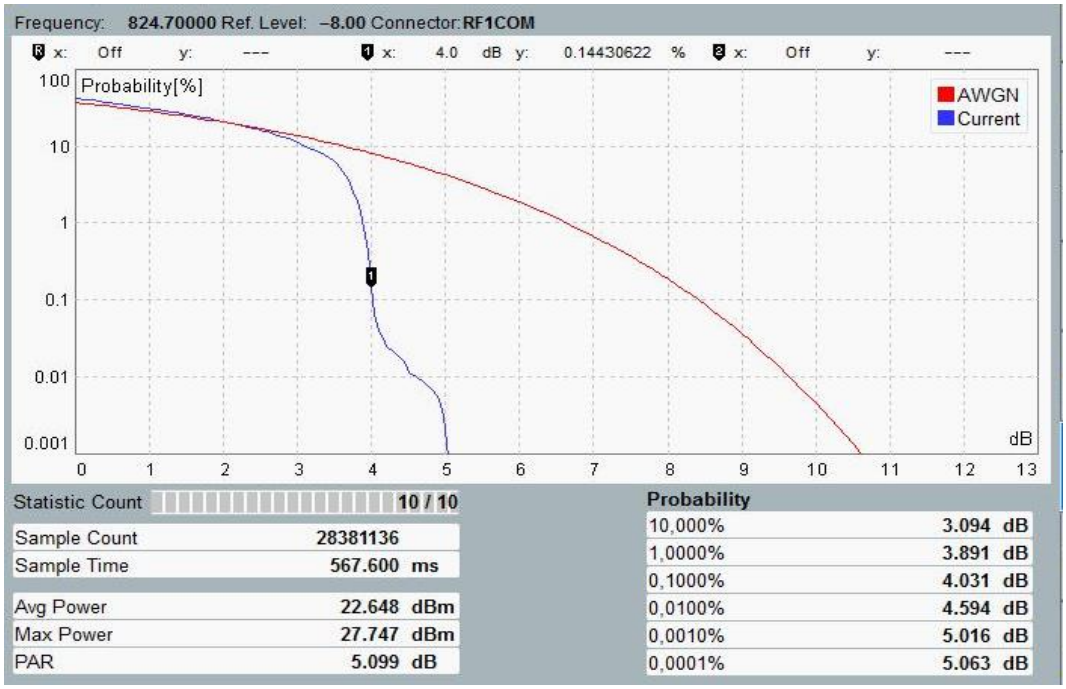


Diagram: Channel_20407_100%RB_Modulation_QPSK

Diagram: Channel_20407_1RB Low_Modulation_16QAM

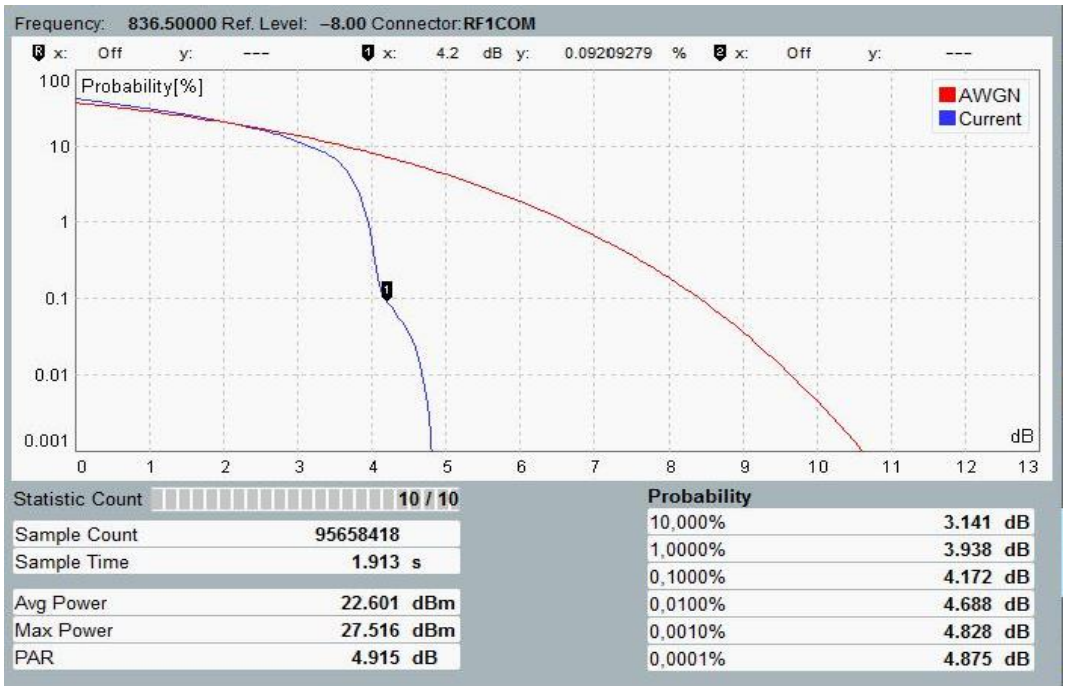


Diagram: Channel_**20525_100% RB_Modulation_QPSK**

Diagram: Channel_20525_100%RB_Modulation_16QAM

Diagram: Channel_20643_100%RB_Modulation_QPSK

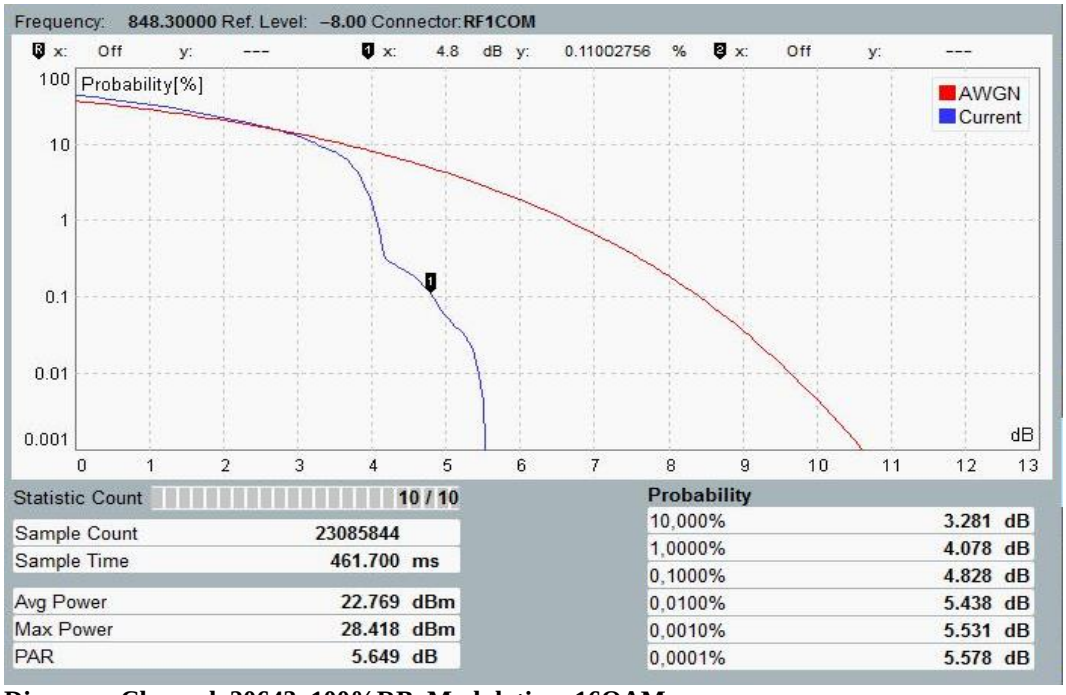


Diagram: Channel_20643_100%RB_Modulation_16QAM

1.2.4. LTE Band 12

Worst-Case of each maximum Peak power value was tested with the CCDF method

1.2.4.1. 1.4MHz signal bandwidth

Diagram: Channel_23017_50%RB_Modulation_QPSK

Diagram: Channel_23017_1RB low_Modulation_16QAM

Diagram: Channel_23095_1RB low_Modulation_QPSK

Diagram: Channel_23095_100%RB_Modulation_16QAM

Diagram: Channel_23173_1RB high_Modulation_QPSK

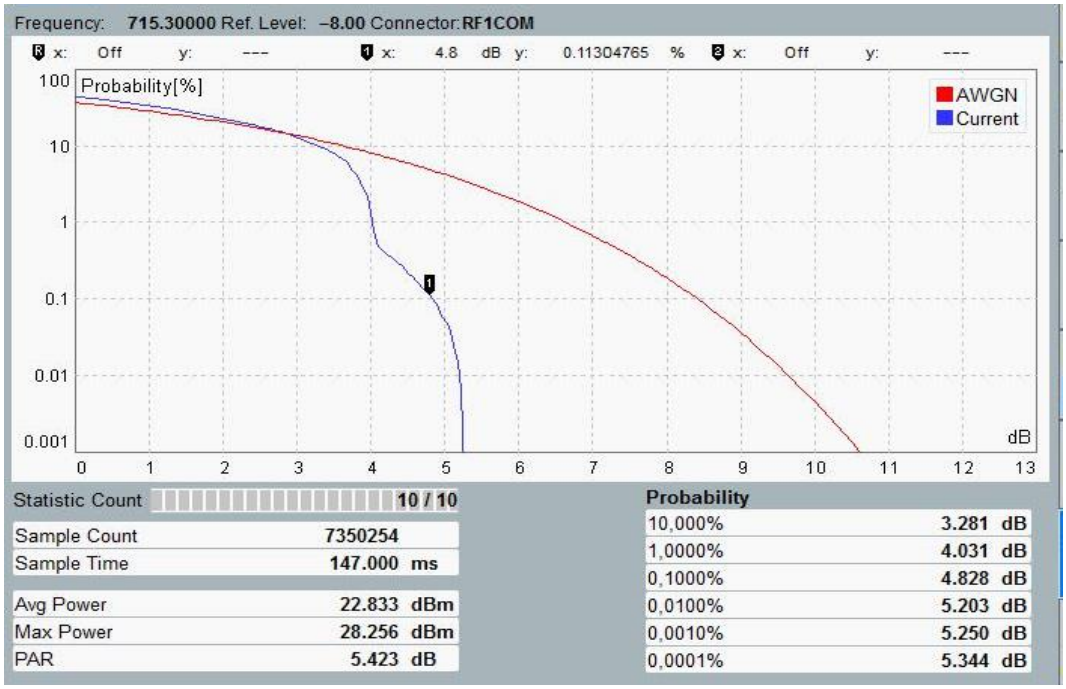


Diagram: Channel_23173_100%RB_Modulation_16QAM

1.3. AC-Power Lines_Emissions Conducted(0,15 - 30 MHz)

1.01

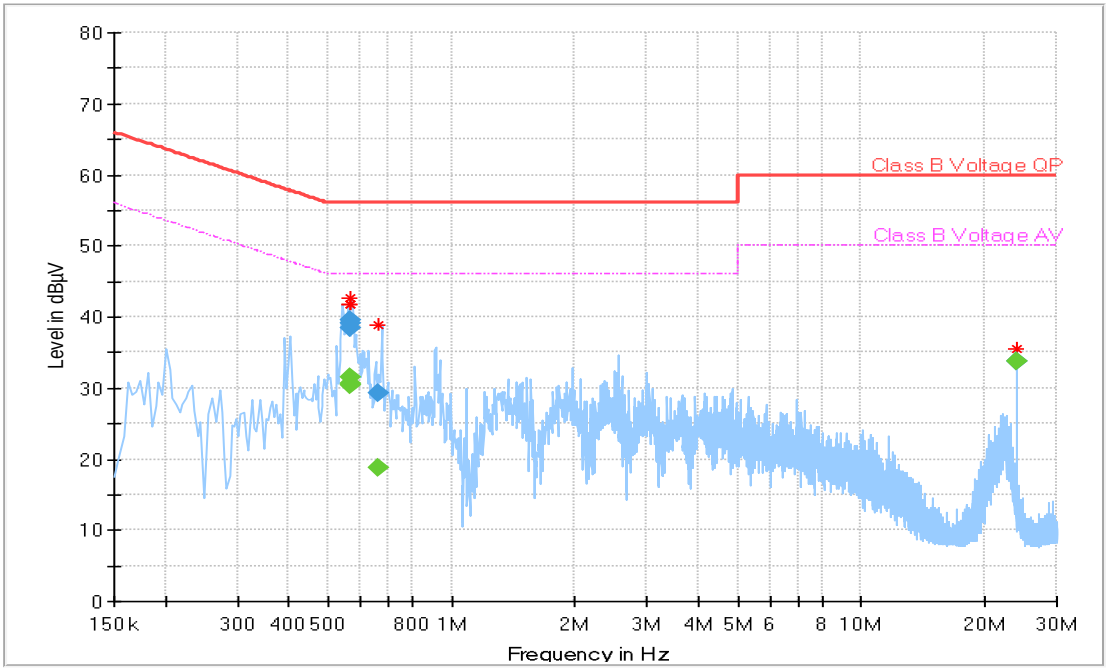
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.107, FCC 15.207
Operating Mode:	**LTE_band2_19193_1RB_high,bw_1,4_QPSK**
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	Aho

EUT Information

Manufacturer:	Robert Bosch Power Tools GmbH
Model:	SARA-R410M LTE Cat-M1 Module
EUT:	MI2C001-001-US
HW version:	MI2C001-001-US #200
SW version:	Doberman-intern-US-1.0.0
Serial number:	IMEI-No: 352753090048834
Power Supply:	120V AC

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)
0.562656	---	31.61	46.00
0.562656	39.63	---	56.00
0.563125	38.54	---	56.00
0.563125	---	30.47	46.00
0.565469	---	30.65	46.00
0.565469	39.10	---	56.00
0.660938	---	18.78	46.00
0.660938	29.34	---	56.00
23.999063	33.68	---	60.00
23.999063	---	33.71	50.00

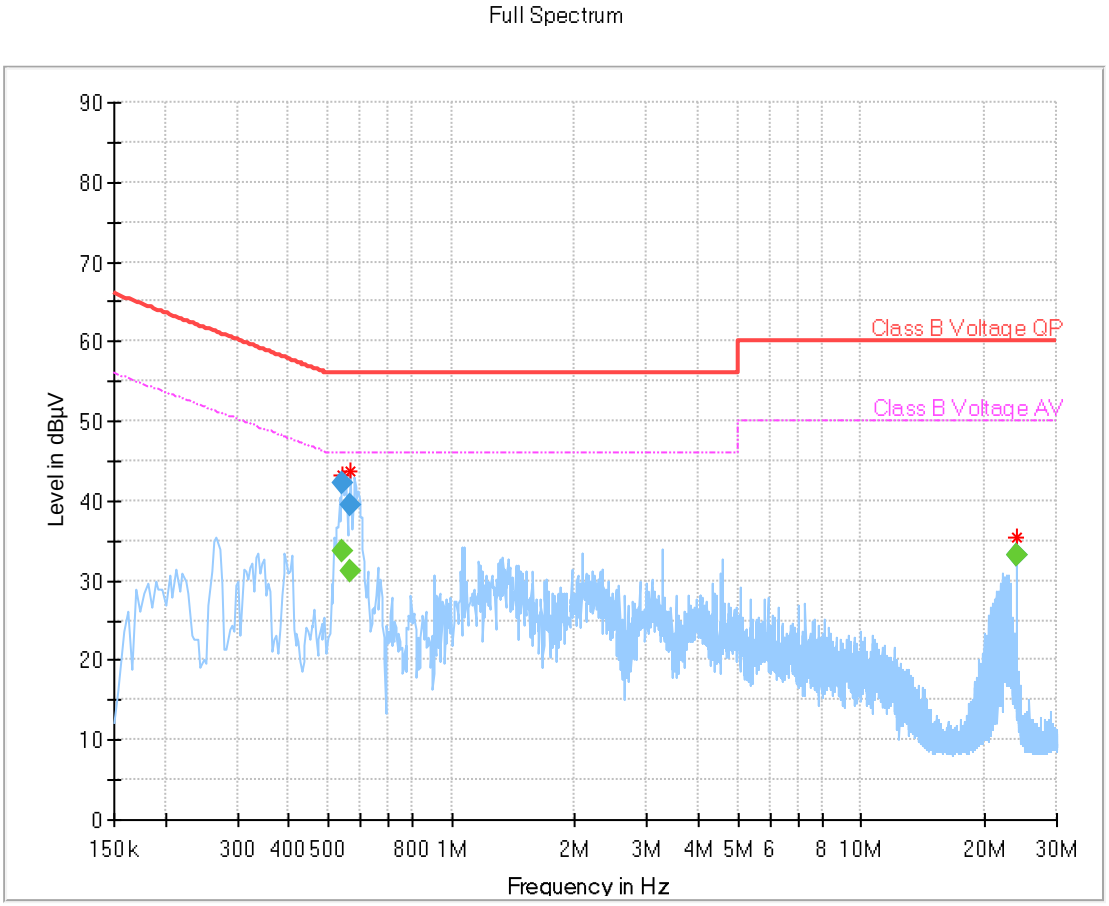
1.02

Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.107, FCC 15.207
Operating Mode:	**LTE_band4_20175_1RB_low,bw_1,4_16QAM**
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	Aho

EUT Information

Please see Diagram 1.01



Final_Result

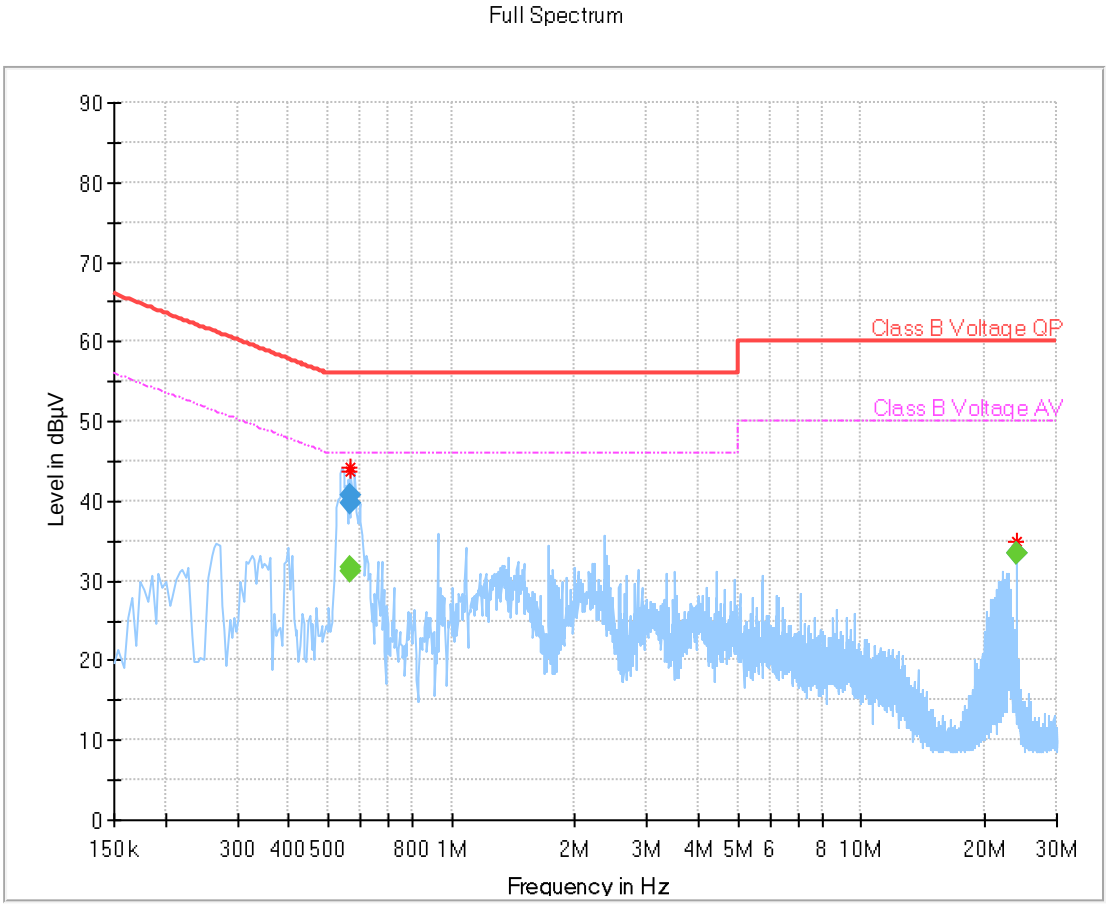
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)
0.543125	---	33.68	46.00
0.543125	42.23	---	56.00
0.565469	39.48	---	56.00
0.565469	---	31.09	46.00
24.004063	33.10	---	60.00
24.004063	---	33.13	50.00

1.03

Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.107, FCC 15.207
Operating Mode:	LTE_band5_20525_100%RB_bw_1,4_16QAM
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	Aho

EUT Information **Please see Diagram 1.01**



Final_Result

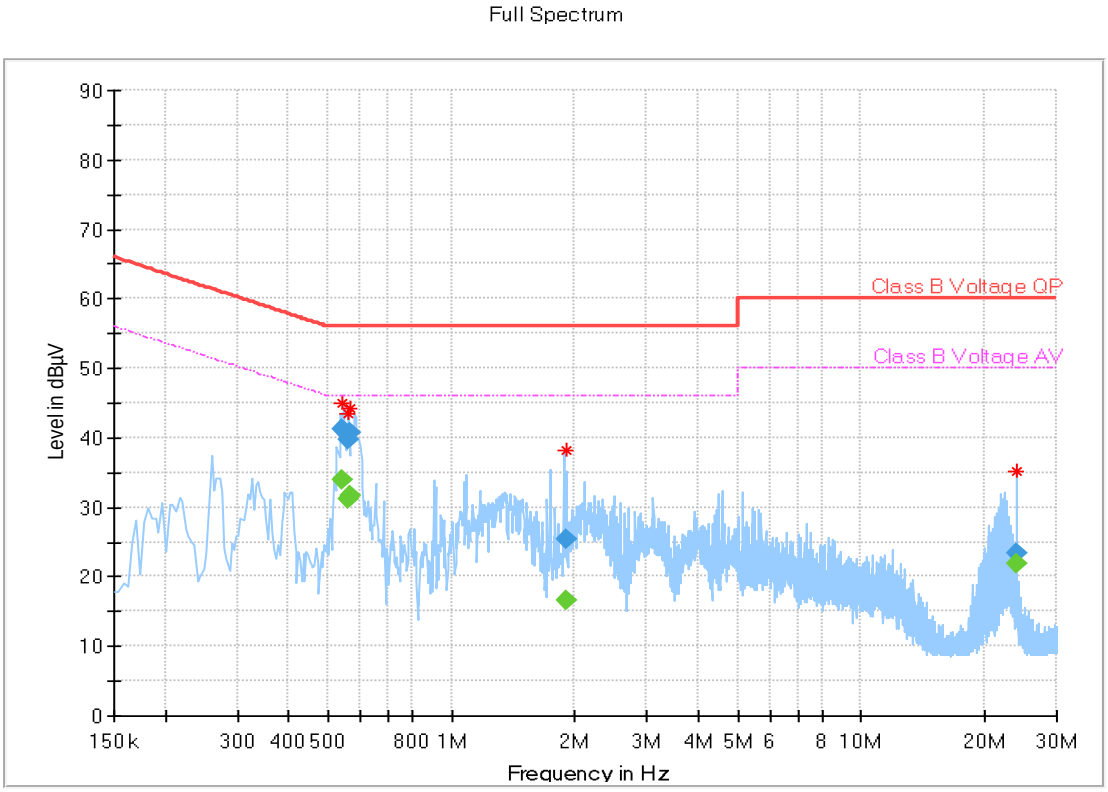
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)
0.563125	---	31.09	46.00
0.563125	39.61	---	56.00
0.567188	---	31.63	46.00
0.567188	40.77	---	56.00
24.004063	---	33.37	50.00
24.004063	33.32	---	60.00

1.04

Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.107, FCC 15.207
Operating Mode:	LTE_band12_23017_1RB_Low_bw_1,4_16QAM
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 40%rH; Temperature: 22°C
Operator:	Aho

EUT Information **Please see Diagram 1.01**



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)
0.542031	---	33.87	46.00
0.542031	41.23	---	56.00
0.562188	---	31.18	46.00
0.562188	39.72	---	56.00
0.567656	40.61	---	56.00
0.567656	---	31.67	46.00
1.899063	25.41	---	56.00
1.899063	---	16.48	46.00
24.004063	---	21.99	50.00
24.004063	23.44	---	60.00

1.4. Spurious emissions radiated (LTE Band 2)

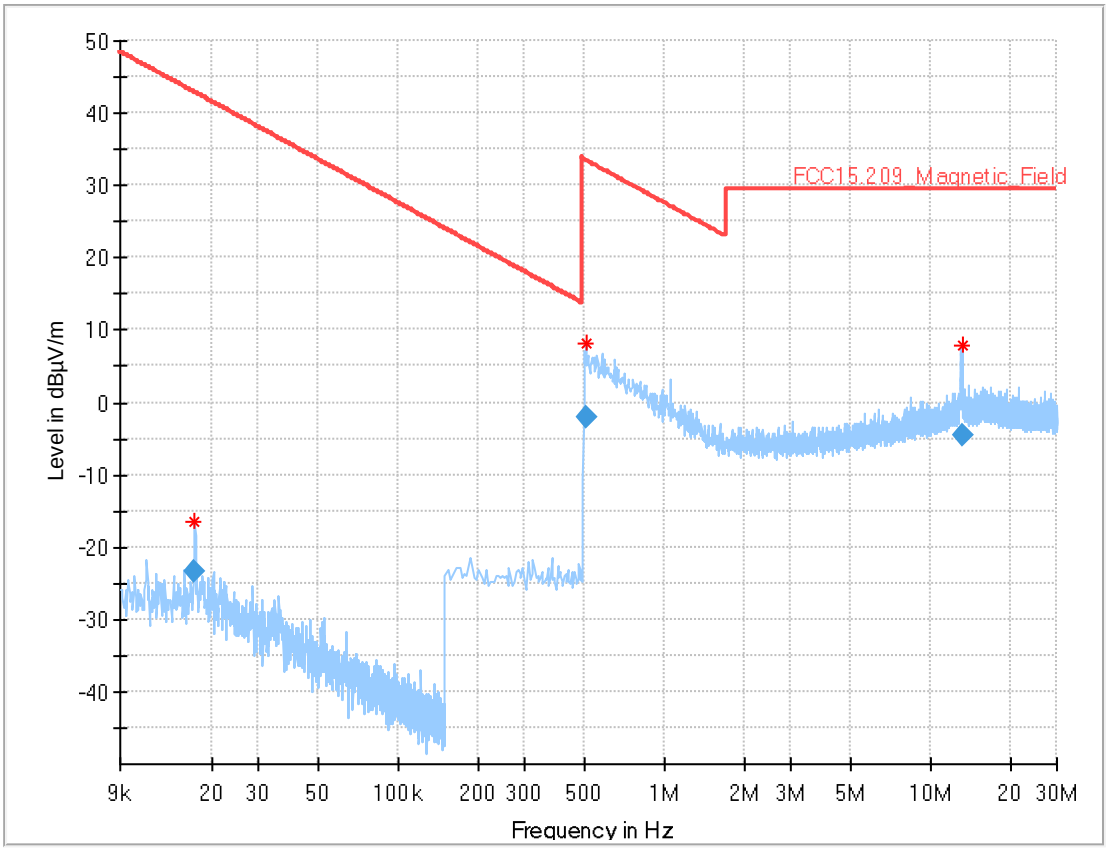
1.4.1. Magnetic field strength radiated (LTE Band 2)

2.01

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
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
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	SLo
Operation Mode	**LTE_band2_19193_1RB_high,bw_1,4_QPSK**
Operating conditions:	Humidity: 48%rH; Temperature: 20°C

EUT Information **Please see Diagram 1.01**



Final_Result

Frequency (MHz)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
0.017160	-23.37	42.91	66.28	1000.0	0.200	100.0	V	335.0	-64.5
0.510000	-2.02	33.45	35.47	1000.0	10.000	100.0	V	0.0	-28.8
13.194000	-4.65	29.54	34.19	1000.0	10.000	100.0	H	267.0	-12.0

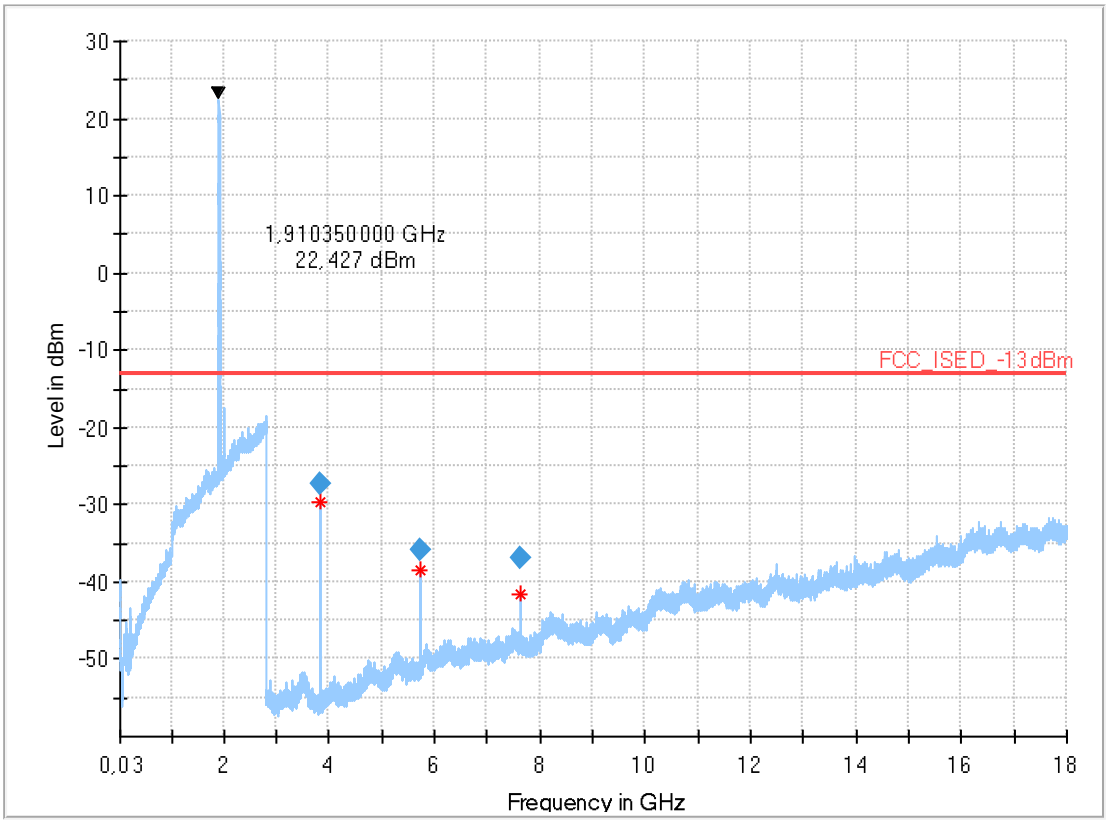
1.4.2. Emissions above 30MHz (LTE Band 2)

8.01

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Room
Test Standard:	FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V9.26.0
Operation mode:	**LTE Band 2, channel no=19193 BW=1.4 RB=1 high Modulation=QPSK**
Operator Name:	DLe

EUT Information **Please see Diagram 1.01**



Final_Result

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
3819.530000	-27.19	-13.00	14.19	100.0	1000.000	154.0	H	90.0	90.0	-95.1
5729.291667	-35.94	-13.00	22.94	100.0	1000.000	154.0	V	305.0	0.0	-89.4
7638.865000	-36.98	-13.00	23.98	100.0	1000.000	154.0	H	240.0	90.0	-84.0

(continuation of the "Final_Result" table from column 17 ...)

Frequency (MHz)	Comment
3819.530000	13:03:32 - 18.04.2018
5729.291667	13:00:00 - 18.04.2018
7638.865000	13:06:37 - 18.04.2018

1.5. Spurious emissions radiated (LTE Band 4)

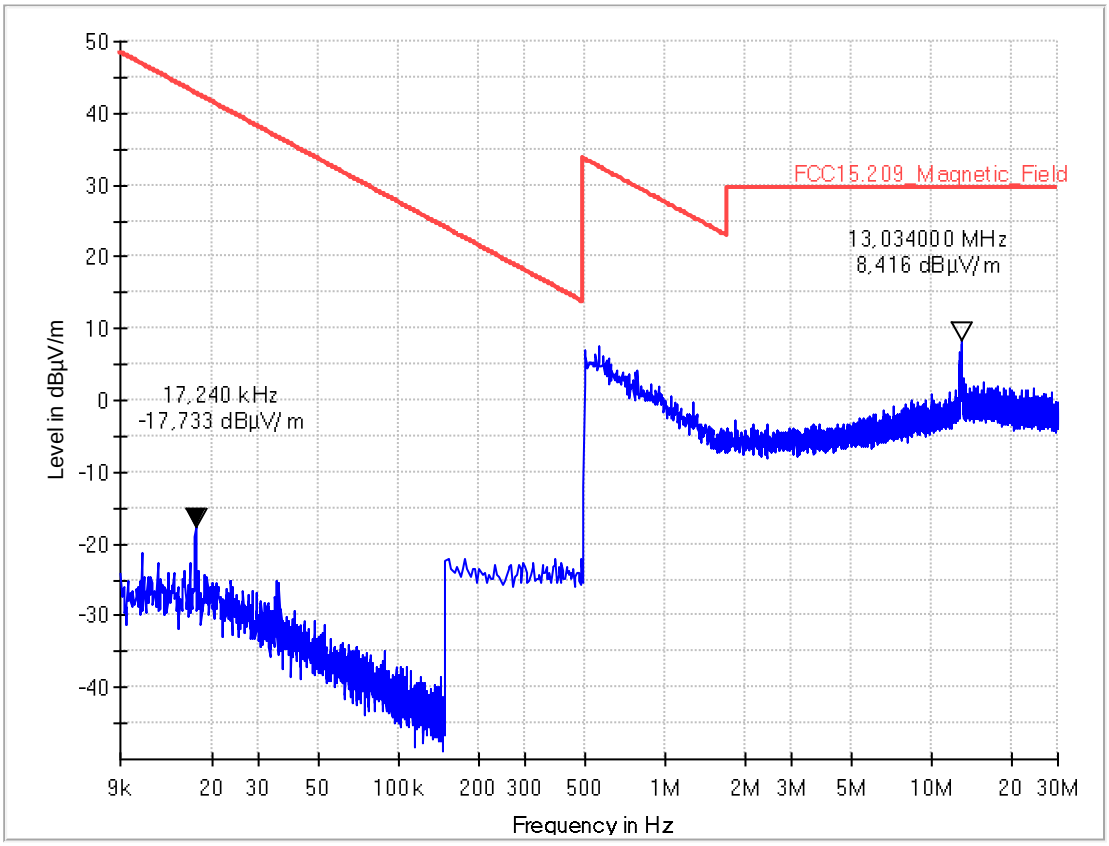
1.5.1. Magnetic field strength radiated (LTE Band 4)

2.02

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
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 specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	SLo
Operation Mode	**LTE_band4_bw:.1,4MHz, ch:.20175, 16QAM, 1RB Low**
Operating conditions:	Humidity: 48%rH; Temperature: 20°C

EUT Information **Please see Diagram 1.01**



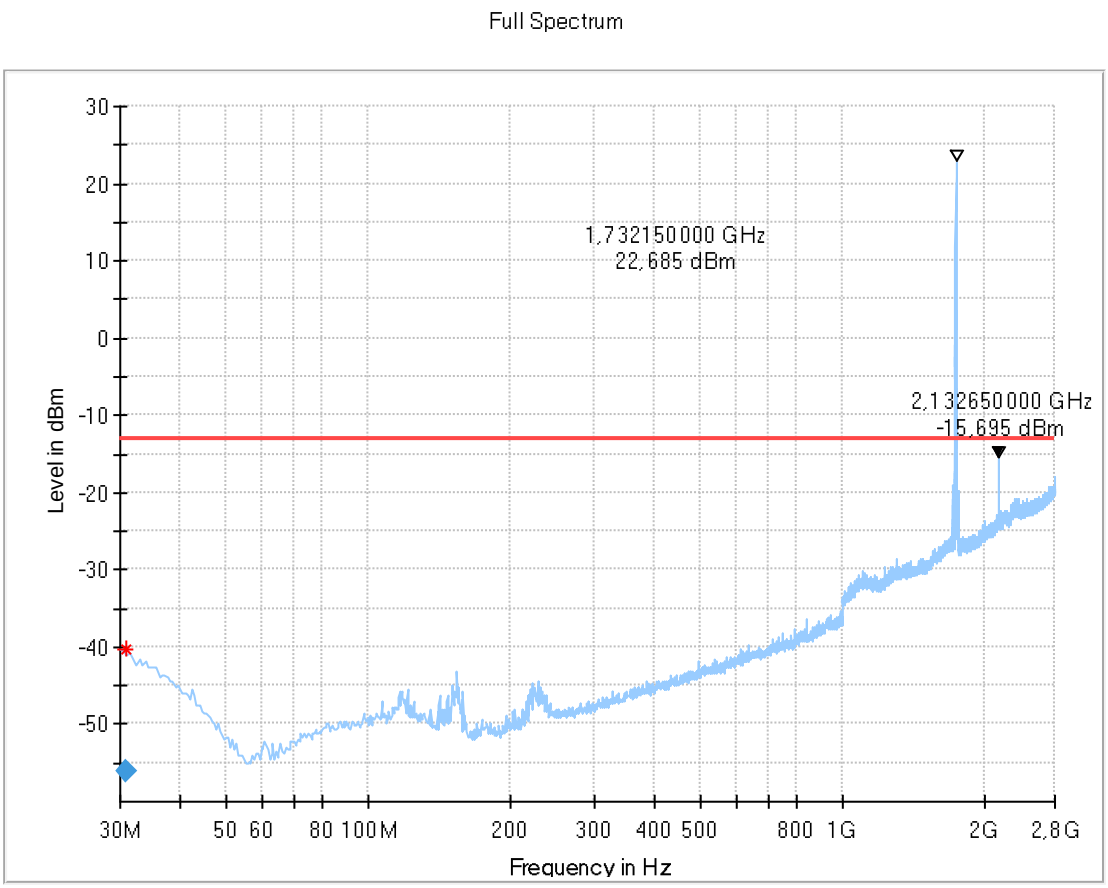
1.5.2. Emissions above 30MHz (LTE Band 4)

8.02a

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Room
Test Standard:	FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V9.26.0
Operation mode:	**LTE Band 4, channel no 20175 BW=1,4 RB=1 low Modulation=16 QAM**
Operator Name:	SLo

EUT Information **Please see Diagram 1.01**



Final_Result

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
30.887500	-55.99	-13.00	42.99	100.0	1000.000	155.0	V	161.0	90.0	-76.8

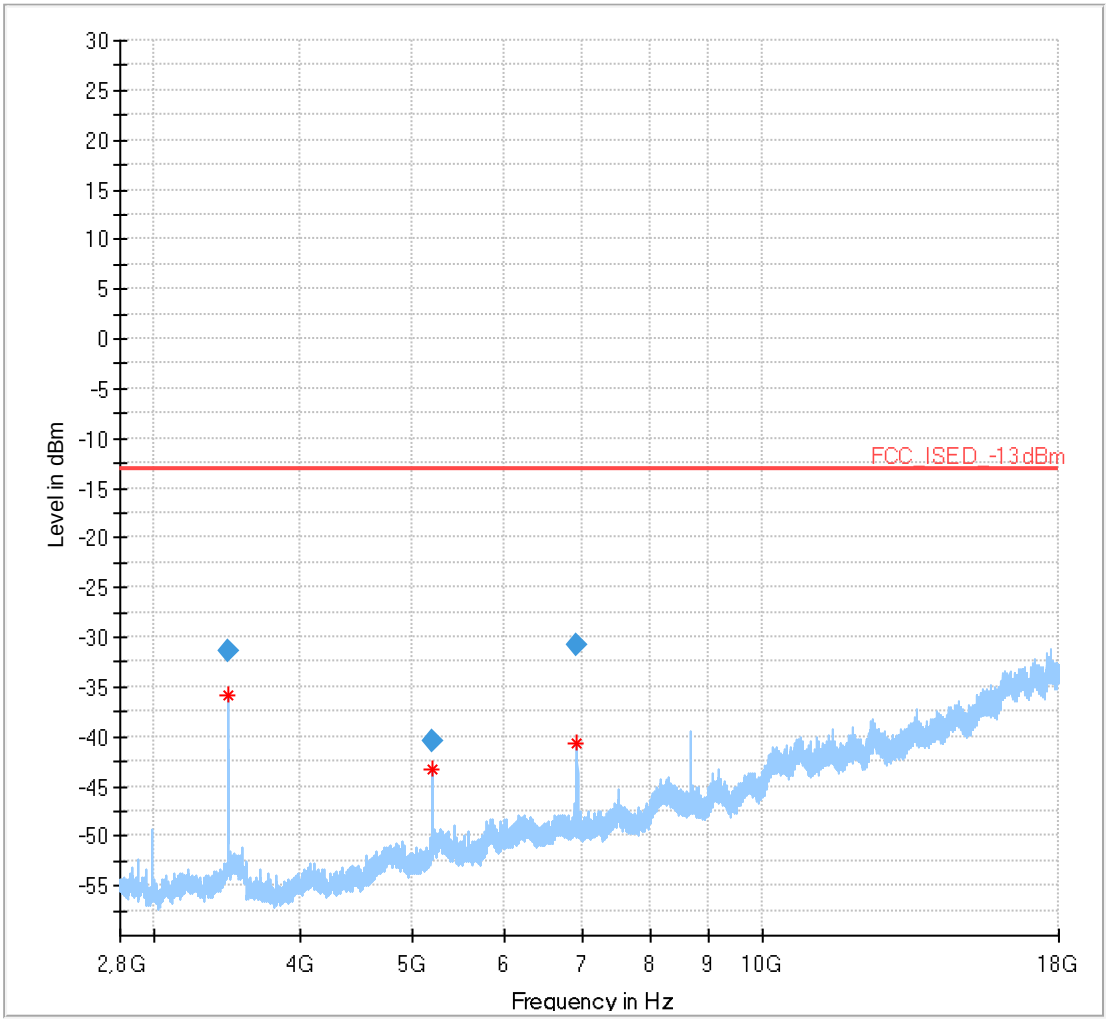
8.02b

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Room
Test Standard:	FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V9.26.0
Operation mode:	**LTE Band 4, channel no 20175 BW=1,4 RB=1 low Modulation=16 QAM**
Operator Name:	SLo

EUT Information

Please see Diagram 1.01



Final_Result

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
5196.213333	-40.51	-13.00	27.51	100.0	1000.000	154.0	H	22.0	0.0	-89.5
6928.121667	-30.76	-13.00	17.76	100.0	1000.000	154.0	V	45.0	0.0	-85.0
3465.830000	-31.44	-13.00	18.44	100.0	1000.000	154.0	V	277.0	0.0	-94.1

1.6. Spurious emissions radiated (LTE Band 5)

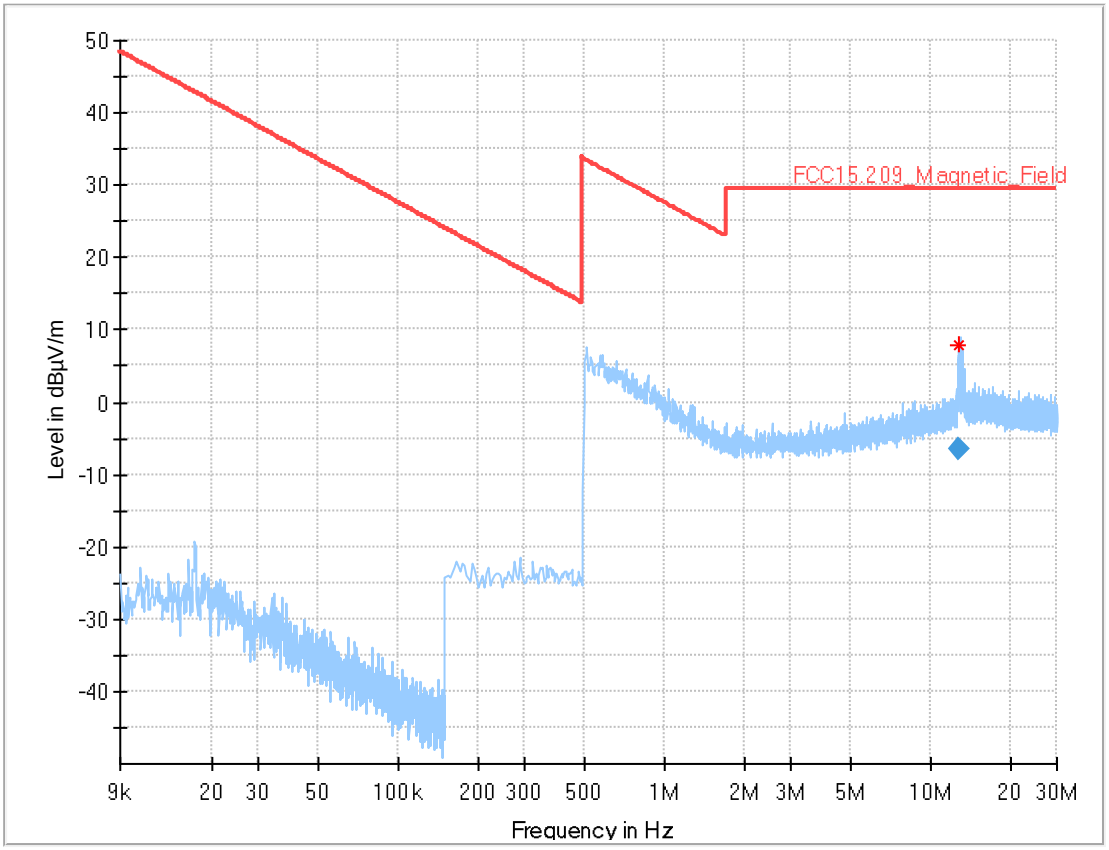
1.6.1. Magnetic field strength radiated (LTE Band 5)

2.03

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
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 specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	SLo
Operation Mode	**LTE_band5_bw:.1,4MHz, ch:.20525, 16QAM, 100%RB**
Operating conditions:	Humidity: 48%rH; Temperature: 20°C

EUT Information **Please see Diagram 1.01**



Final_Result

Frequency (MHz)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
12.886000	-6.56	29.54	36.10	1000.0	10.000	100.0	V	97.0	-12.1

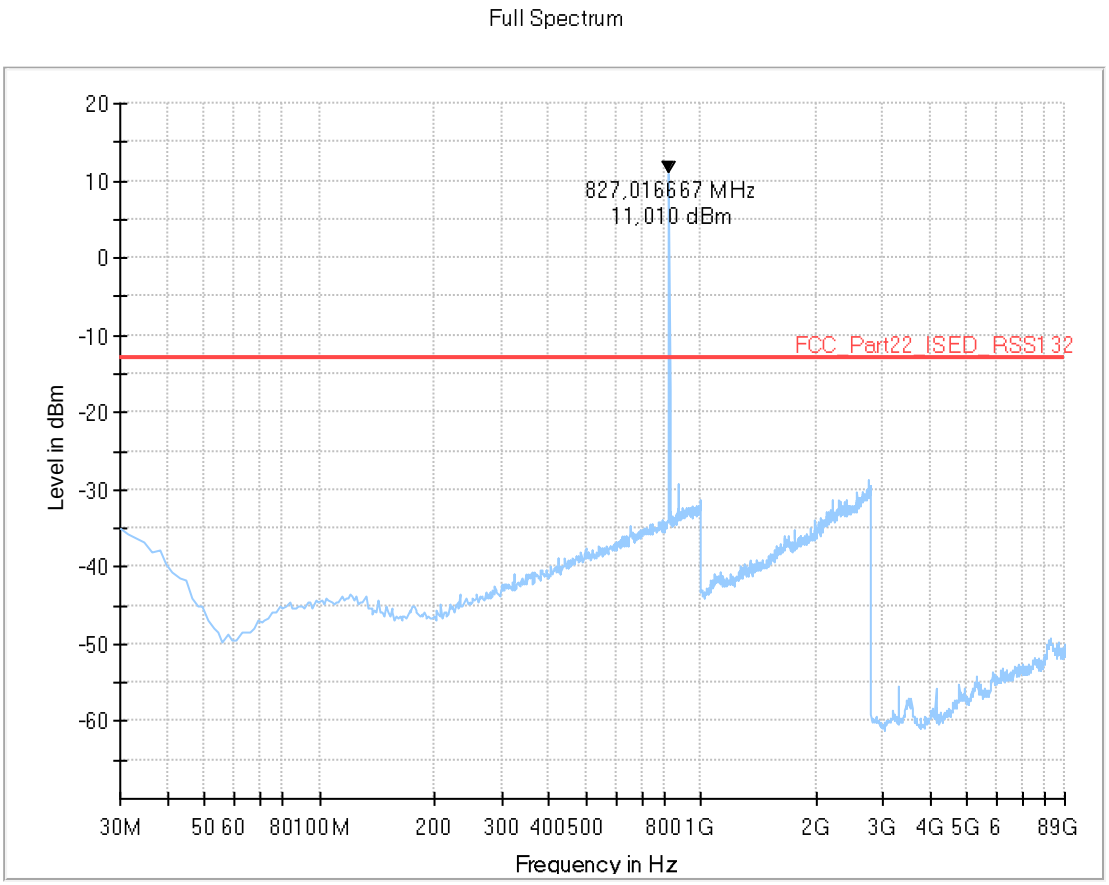
1.6.2. Emissions above 30MHz (LTE Band 5)

8.03

Common Information

Test Description:	Radiated Spurious Emissions LTE Band 5
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22
Operating Mode:	**UE allocated channel 20425; BW 1,4; RB 100%; Modulation: 16-QAM**
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator:	SRa

EUT Information **Please see Diagram 1.01**



1.7. Spurious emissions radiated (LTE Band 12)

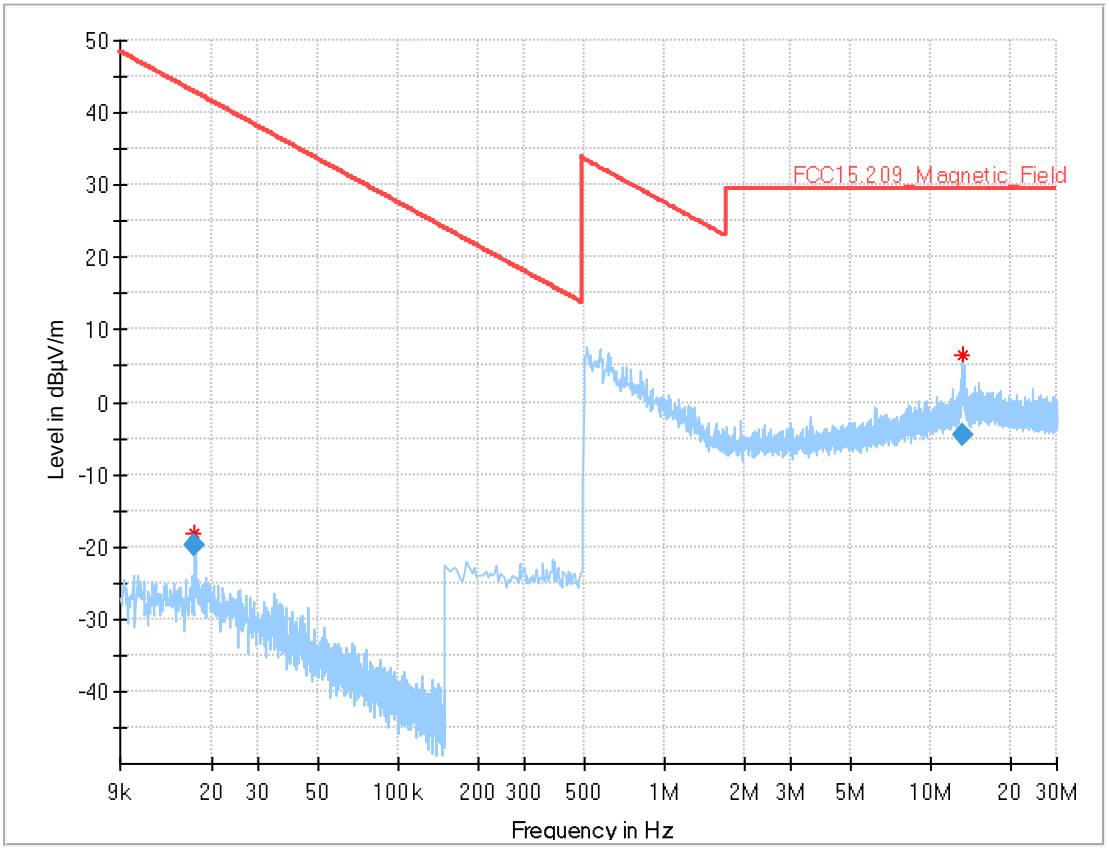
1.7.1. Magnetic field strength radiated (LTE Band 12)

2.04

Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
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 specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	SLo
Operation Mode	**LTE_band12_bw:.1,4MHz, ch:.23017, 16QAM, 1RBLow**
Operating conditions:	Humidity: 48%rH; Temperature: 20°C

EUT Information **Please see Diagram 1.01**



Final_Result

Frequency (MHz)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
0.017160	-19.80	42.91	62.71	1000.0	0.200	100.0	H	270.0	-64.5
13.390000	-4.50	29.54	34.04	1000.0	10.000	100.0	H	222.0	-11.9

1.7.2. Emissions above 30MHz (LTE Band 12)

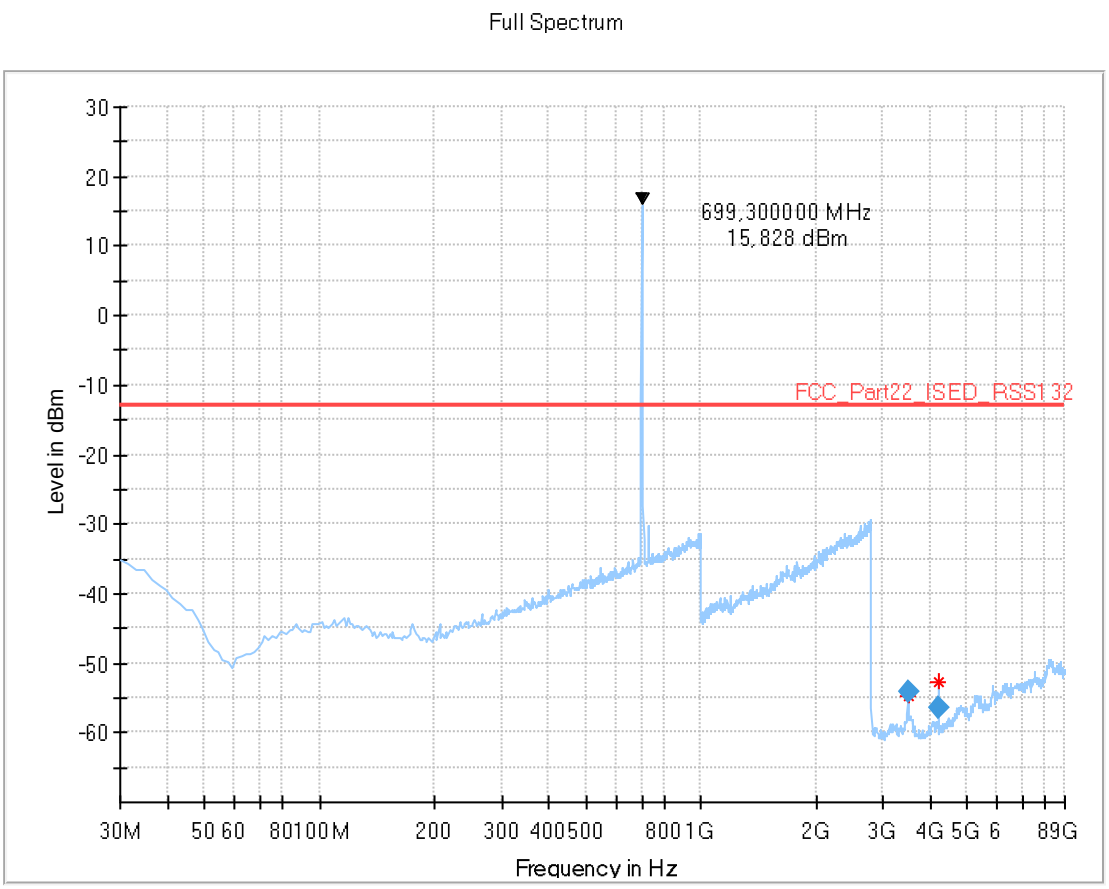
8.04

Common Information

Test Description:	Radiated emission
Test Site:	Fully-Anechoic Room
Test Standard:	FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3
Antenna polarisation:	vertical / horizontal
Measurement software version	EMC32 V9.26.0
Operation mode:	**UE allocated channel 23017/ BW:1.4MHz/ 1RB low/ Position16QAM**
Environmental Conditions:	Humidity: 48%rH; Temperature: 20°C
Operator Name:	HEI

EUT Information

Please see Diagram 1.01



Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
3496.333333	-54.05	-13.00	41.05	100.0	100.000	154.0	V	177.0	90.0	-93.5
4201.000000	-56.51	-13.00	43.51	100.0	100.000	154.0	H	274.0	0.0	-93.4

1.8. Radiated emissions – band-edge (LTE Band 2)

1.8.1. Low band-edge

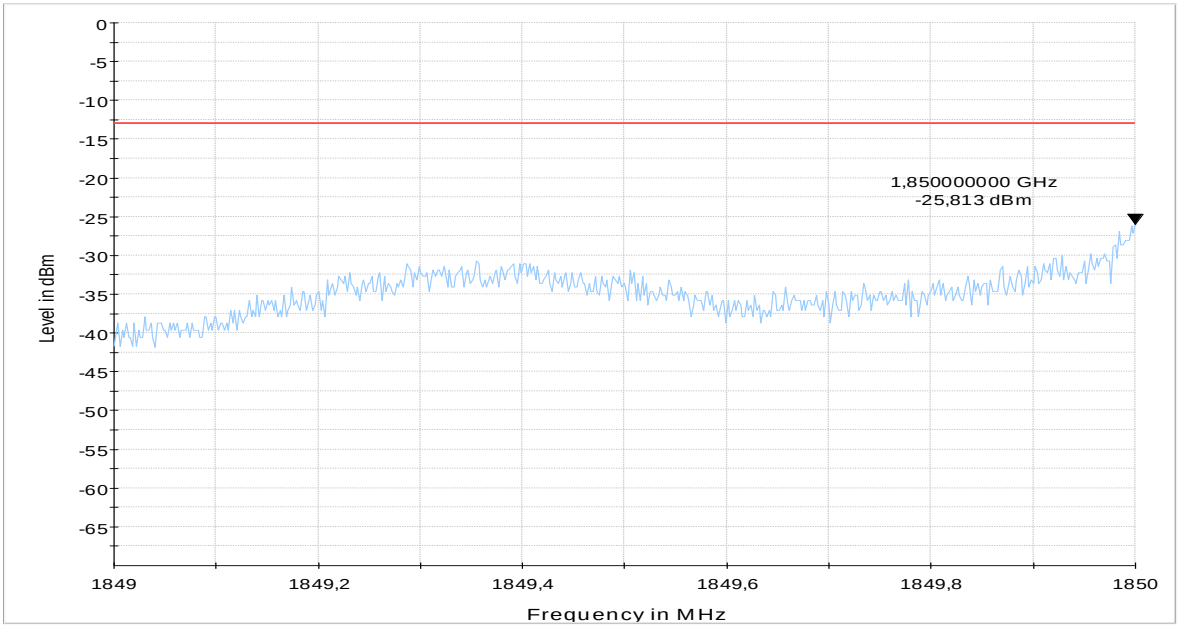


Diagram: 9.01_Ch18607_BW1.4_1RB_Low_QPSK

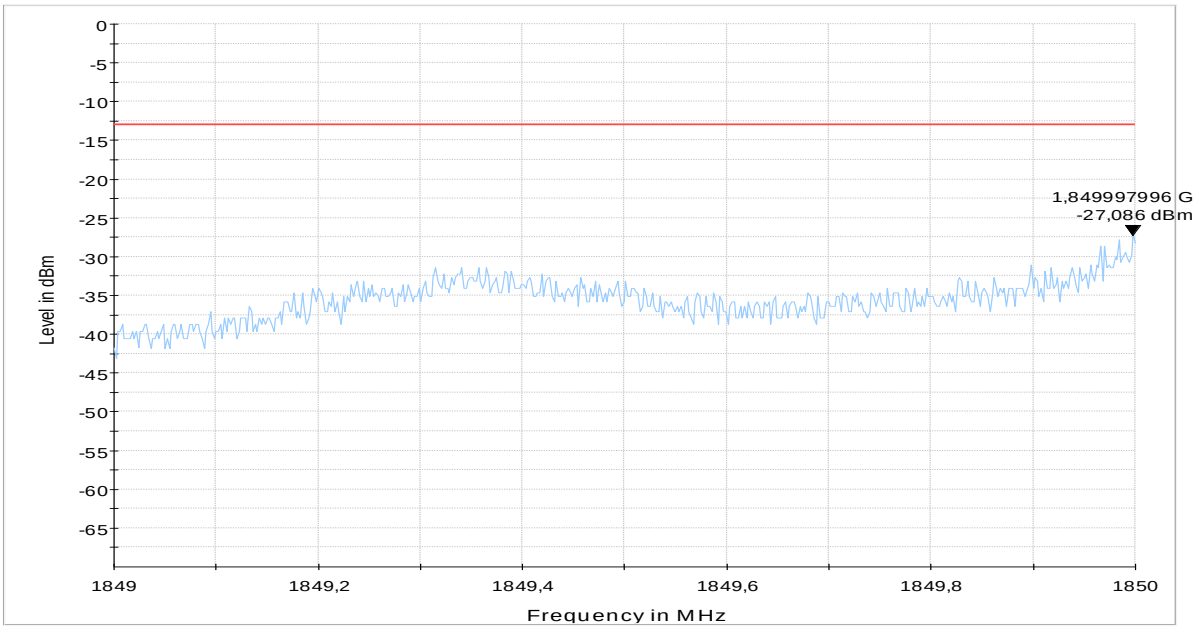


Diagram: 9.02_Ch18607_BW1.4_1RB_Low_16QAM

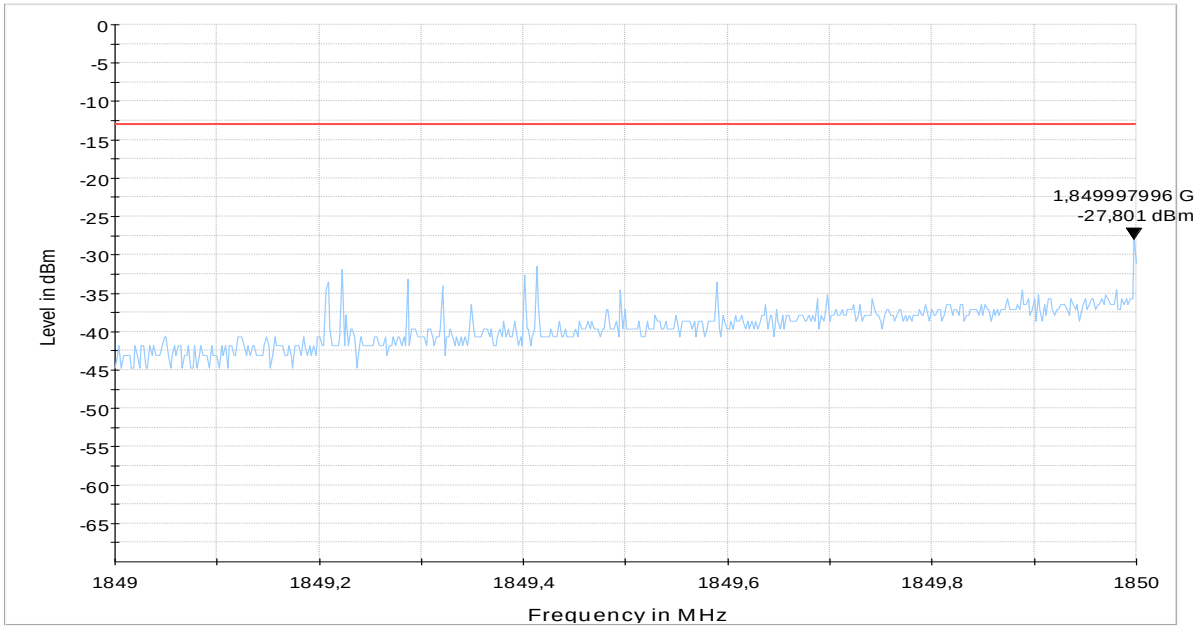


Diagram: 9.03_Ch18607_BW1.4_1RB_High_QPSK

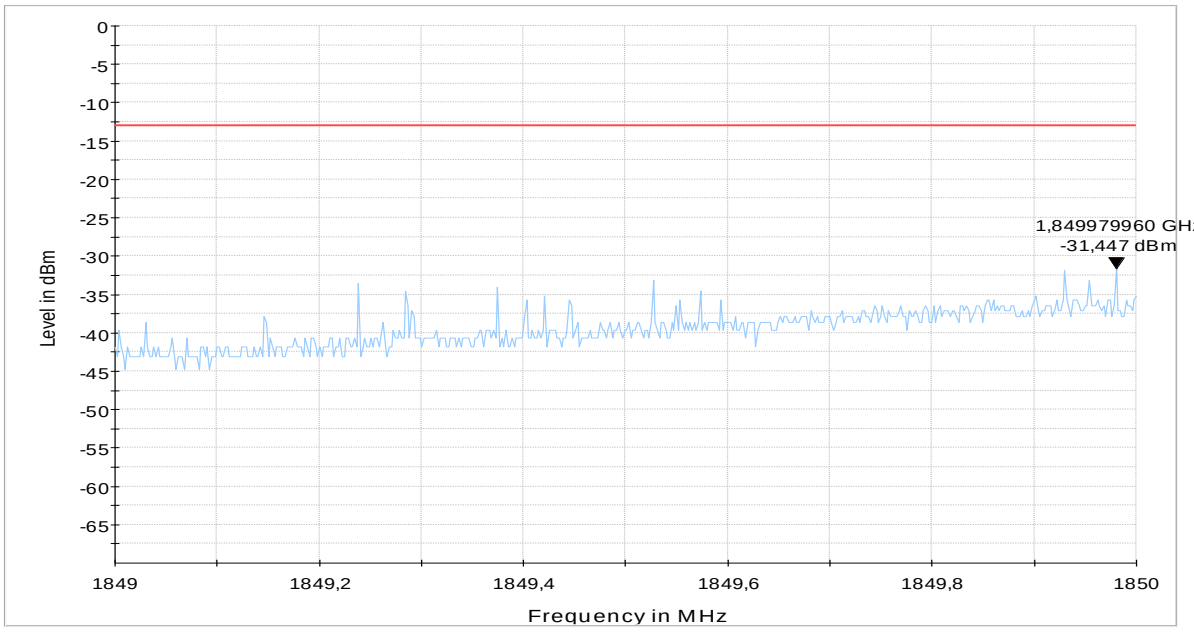


Diagram: 9.04_Ch18607_BW1.4_1RB_High_16QAM

1.8.2. High band-edge

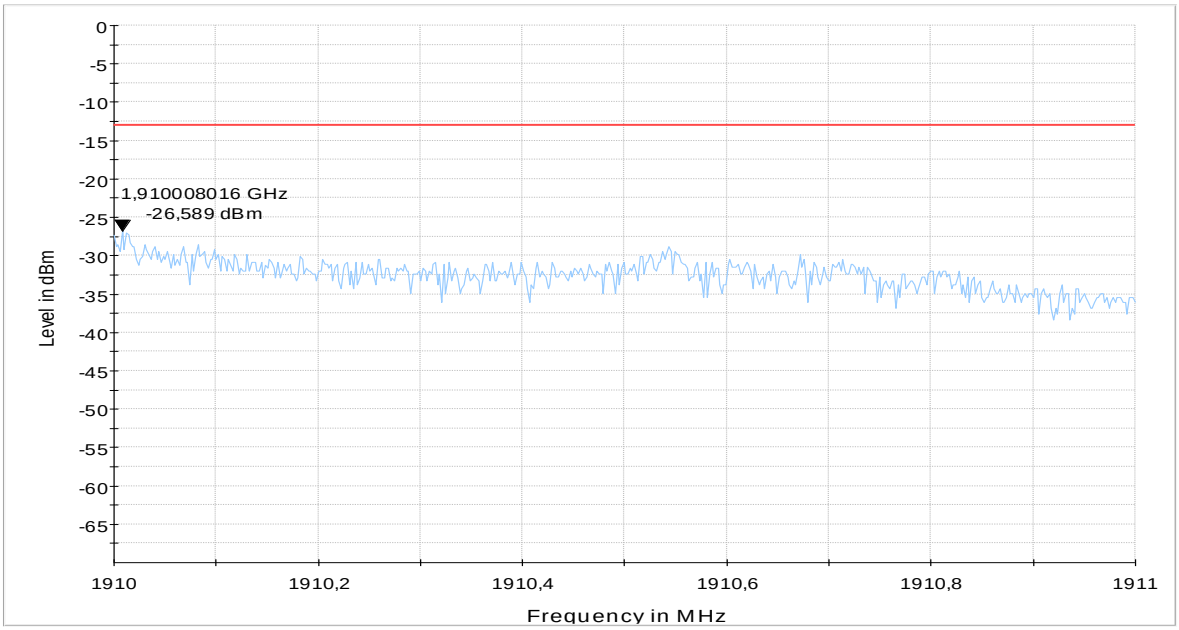


Diagram: 9.05_Ch19193_BW1.4_1RB_Low_QPSK

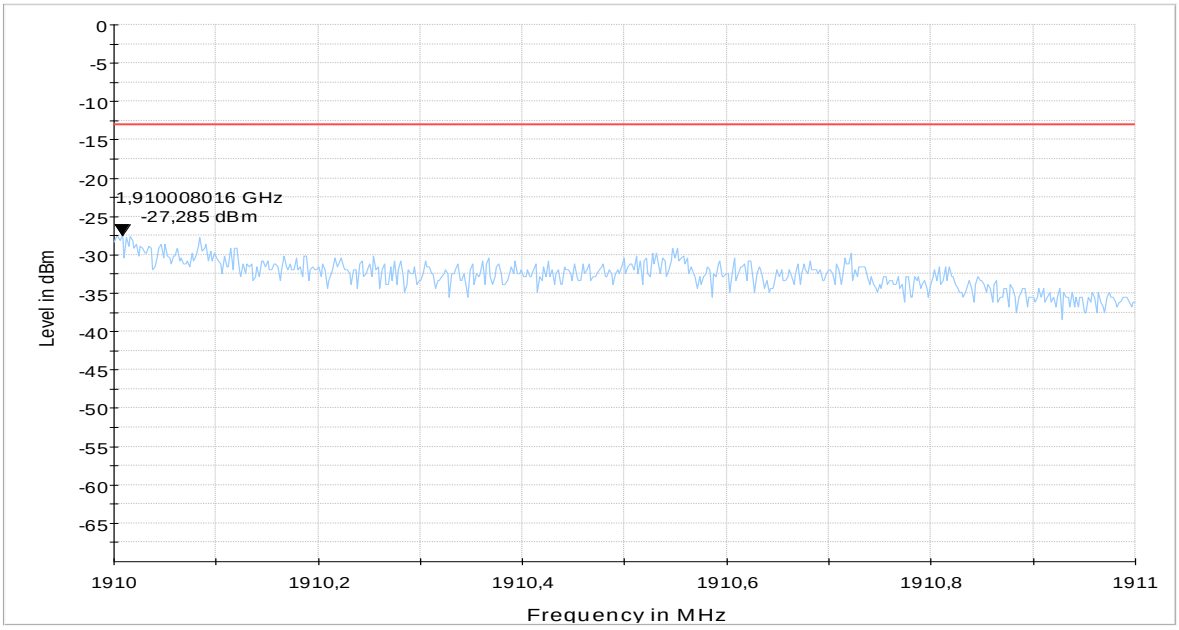


Diagram: 9.06_Ch19193_BW1.4_1RB_Low_16QAM

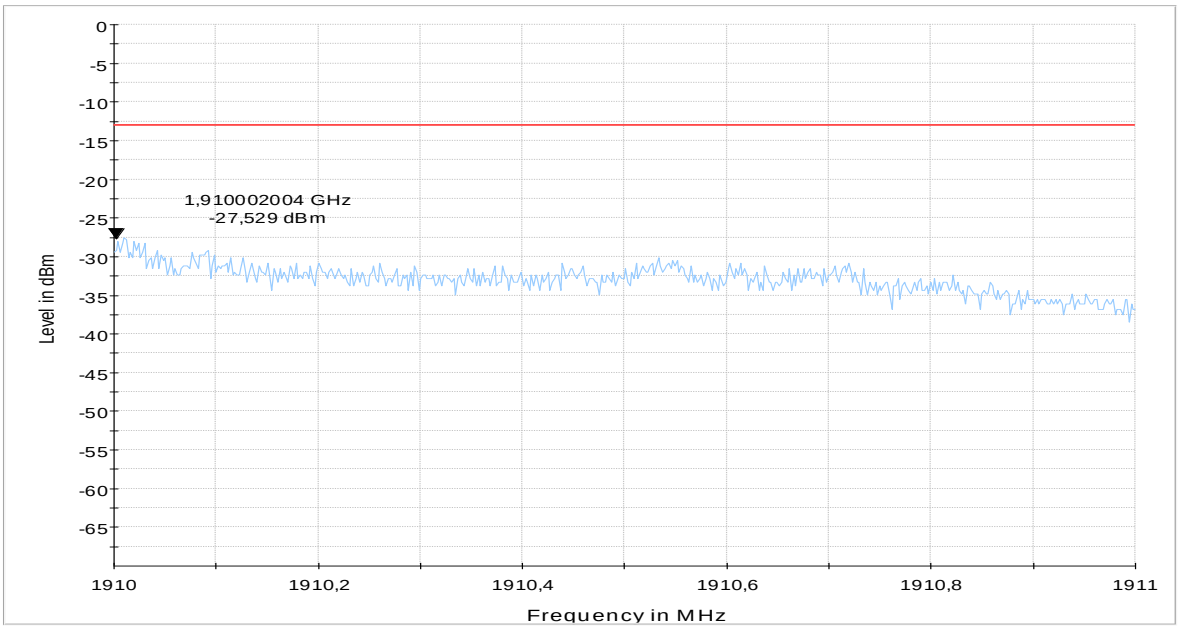


Diagram: 9.07_Ch19193_BW1.4_1RB_High_QPSK

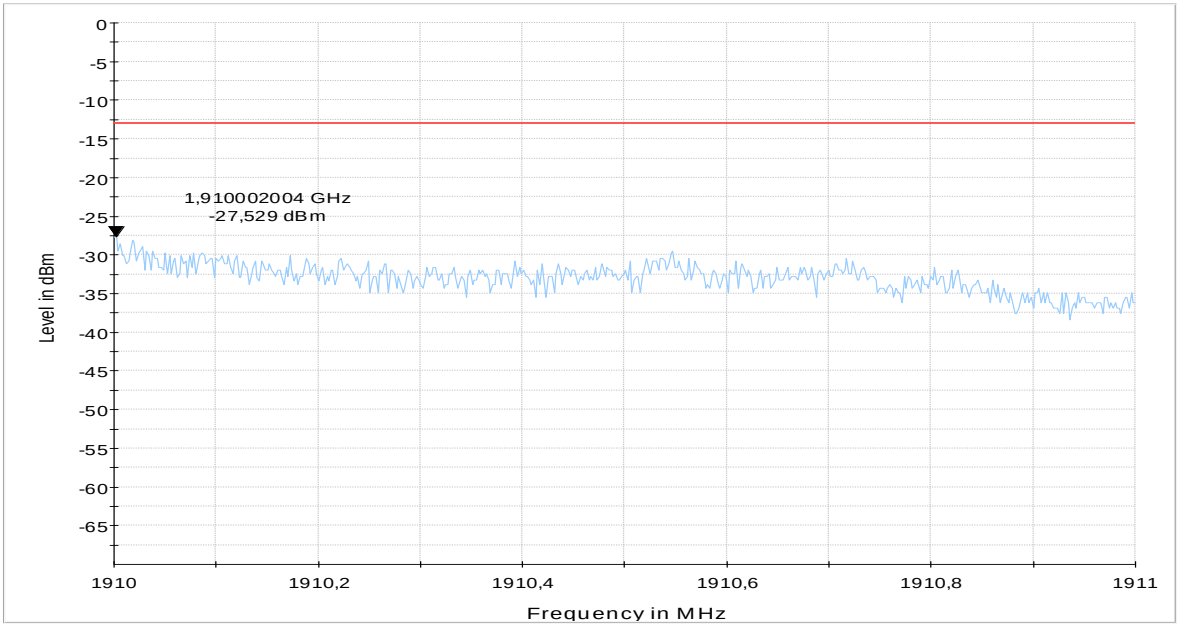


Diagram: 9.08_Ch19193_BW1.4_1RB_High_16QAM

1.9. Radiated emissions – band-edge (LTE Band 4)

1.9.1. Low Band-Edge

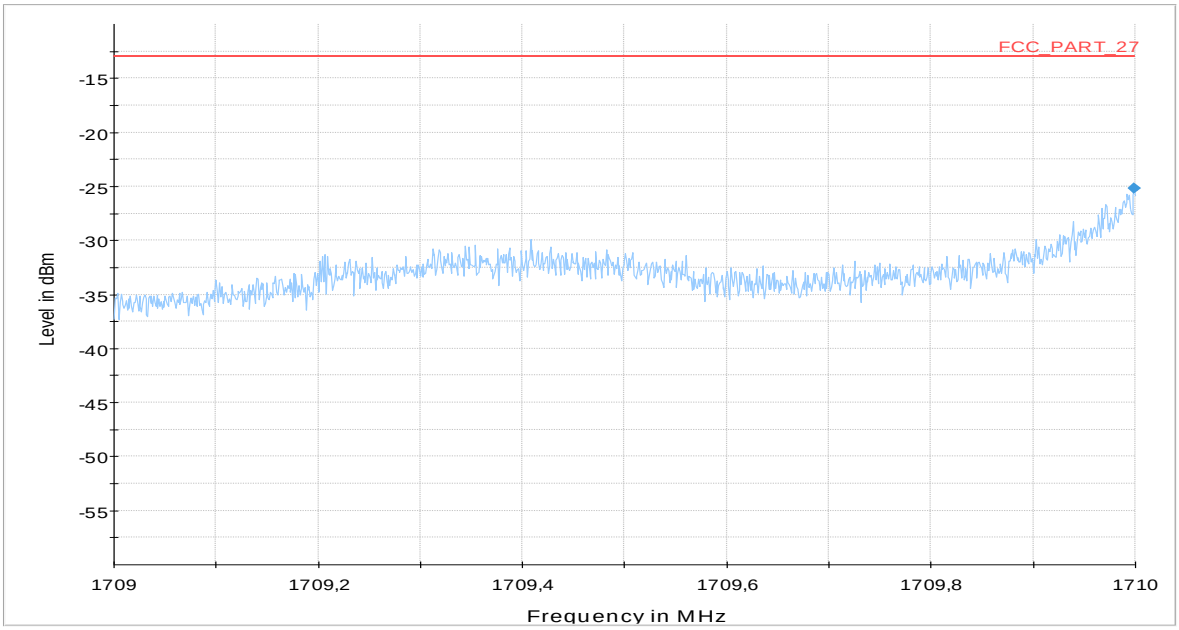


Diagram: 9.09_Ch19957_BW1.4_1RB_Low_QPSK

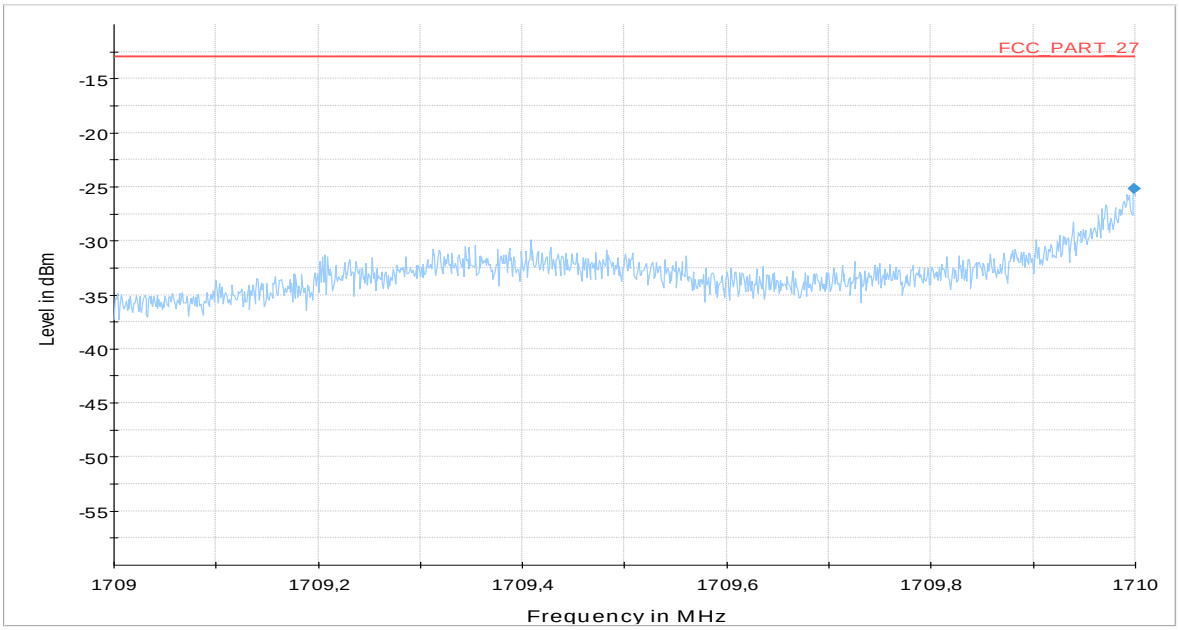


Diagram: 9.10_Ch19957_BW1.4_1RB_Low_16QAM

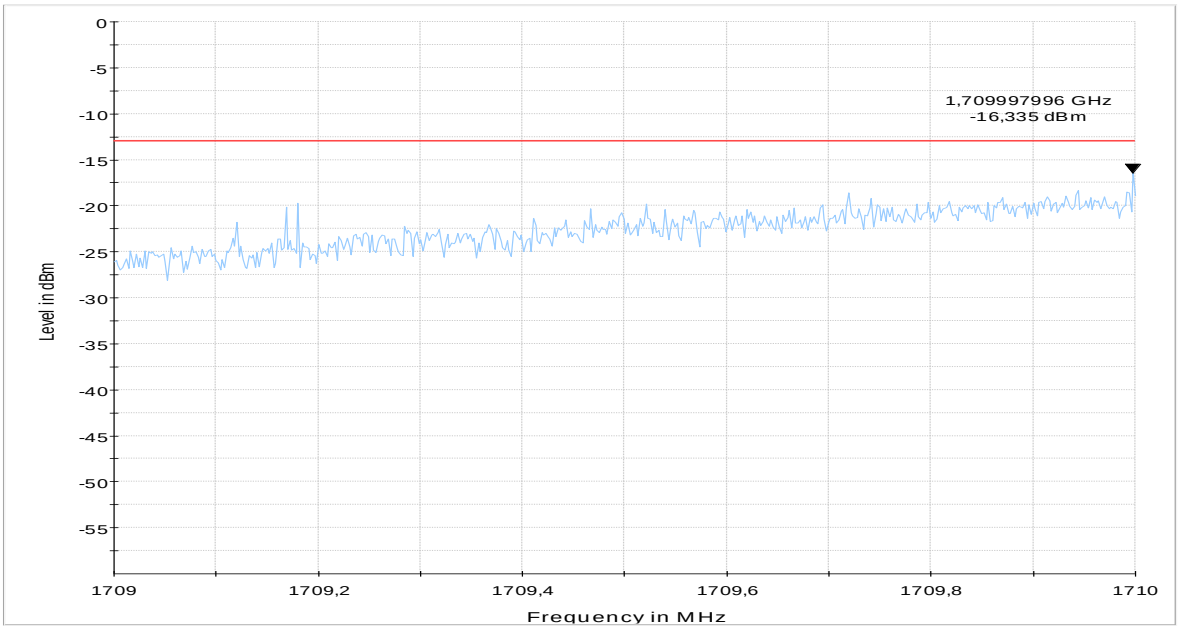


Diagram: 9.11_Ch19957_BW1.4_1RB_High_QPSK

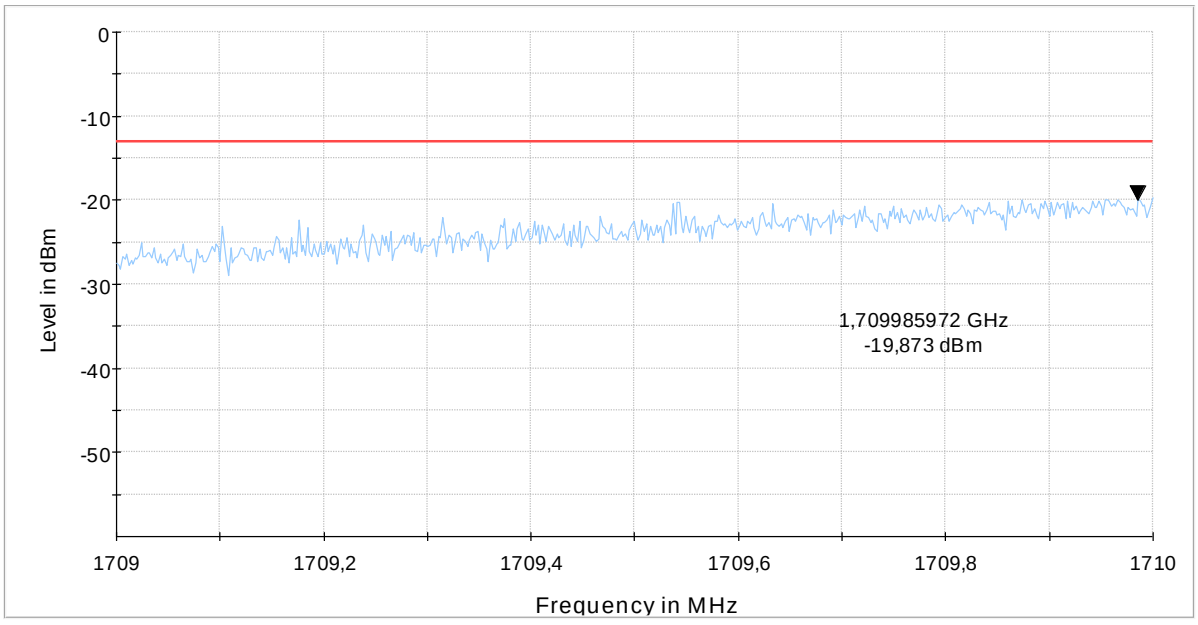


Diagram: 9.12_Ch19957_BW1.4_1RB_High_16QAM

1.9.2. High Band-Edge

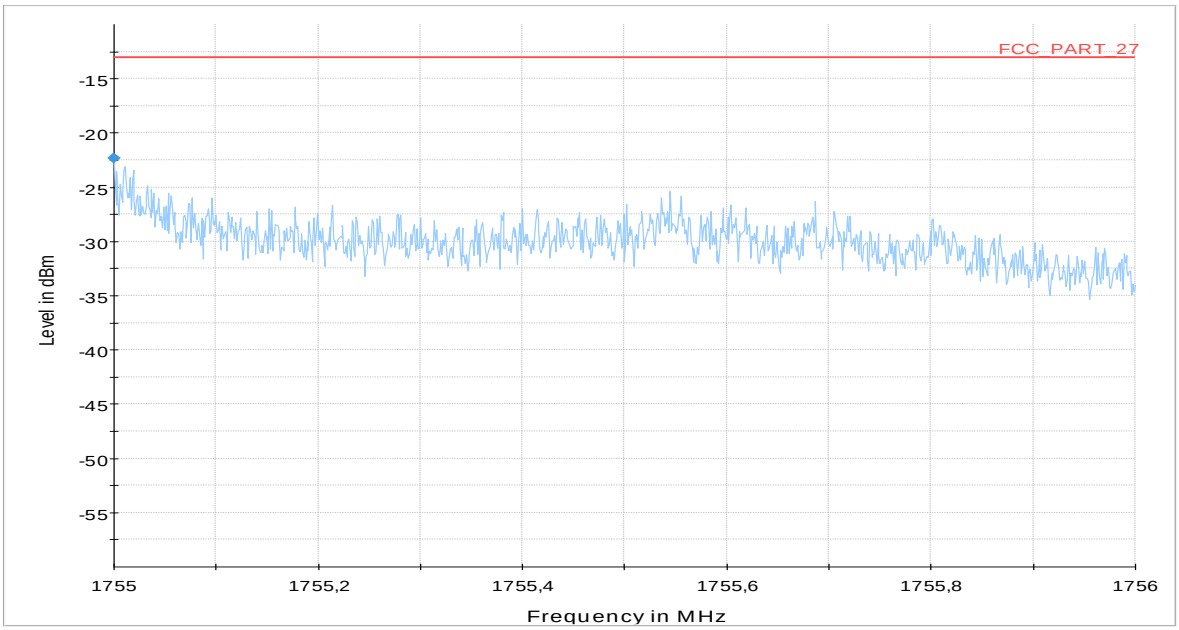


Diagram: 9.13_Ch20393_BW1.4_1RB_Low_QPSK

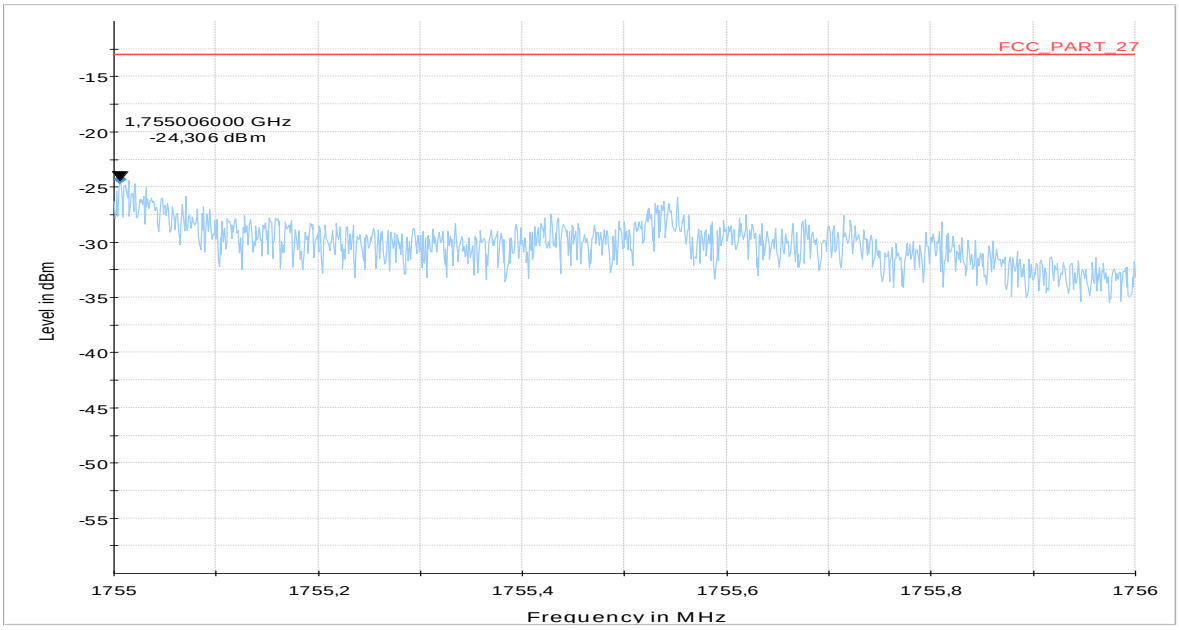


Diagram: 9.14_Ch20393_BW1.4_1RB_Low_16QAM

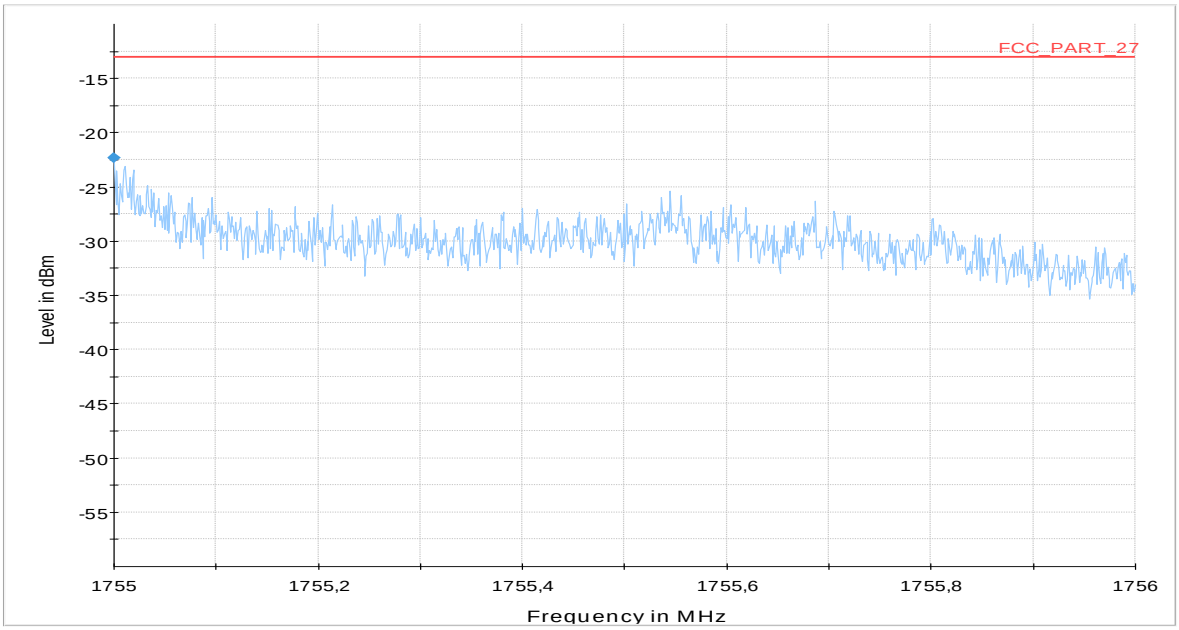


Diagram: 9.15_Ch20393_BW1.4_1RB_High_QPSK

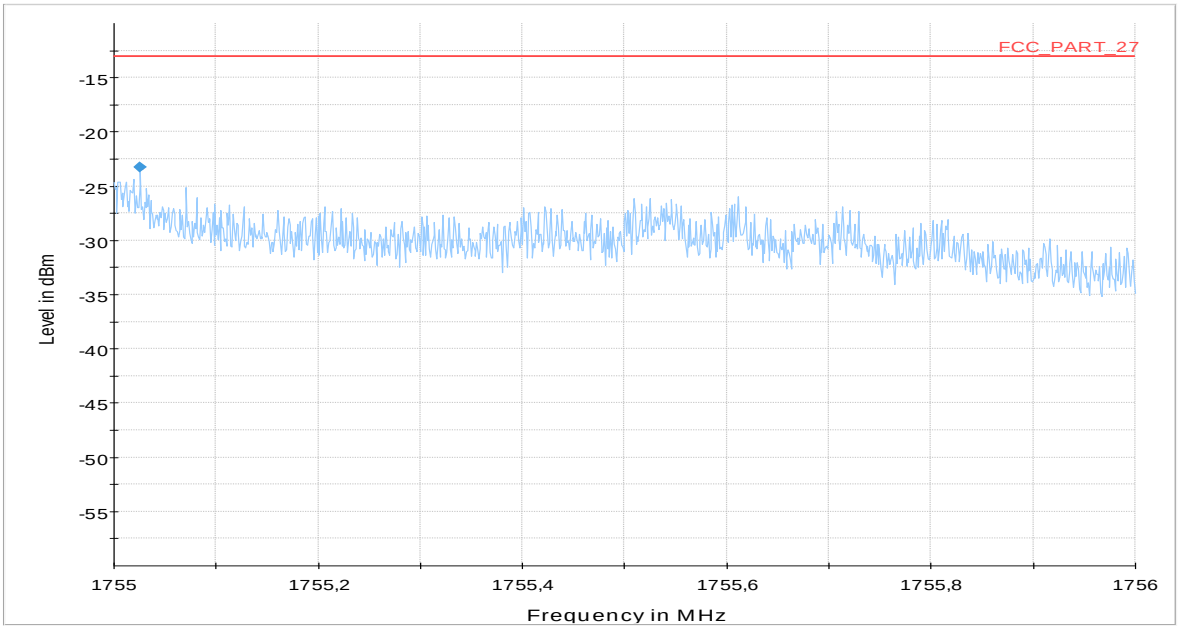


Diagram: 9.16_Ch20393_BW1.4_1RB_High_16QAM

1.10. Radiated emissions – band-edge (LTE Band 5)

1.10.1. Low Band-Edge

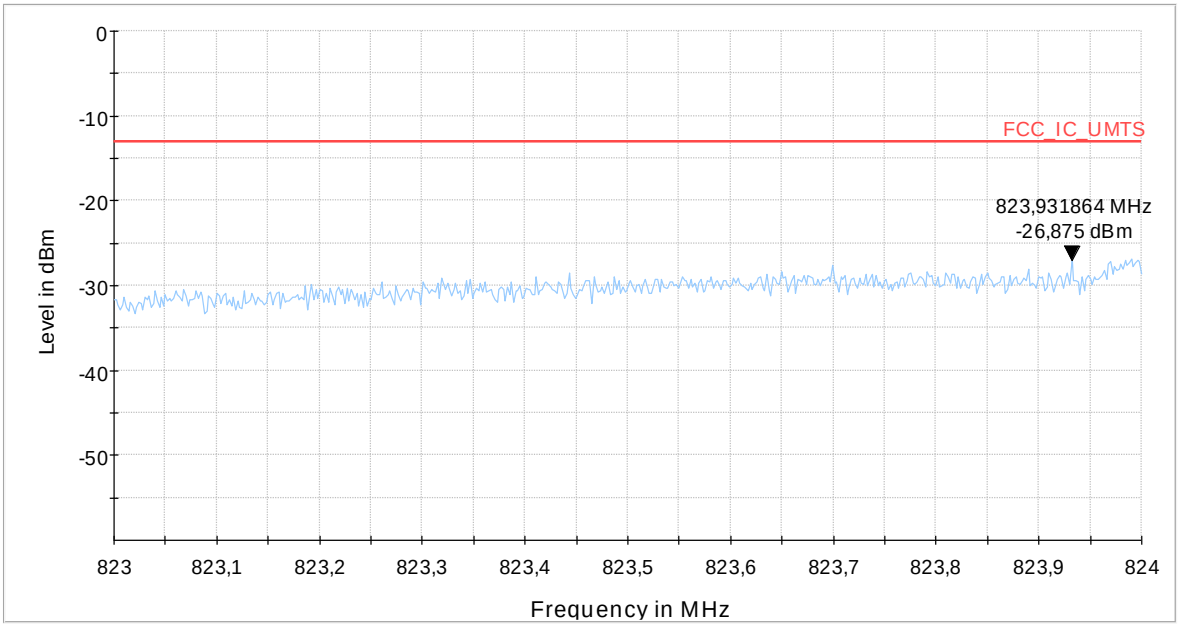


Diagram: 9.17_Ch20407_BW1.4_1RB_Low_QPSK

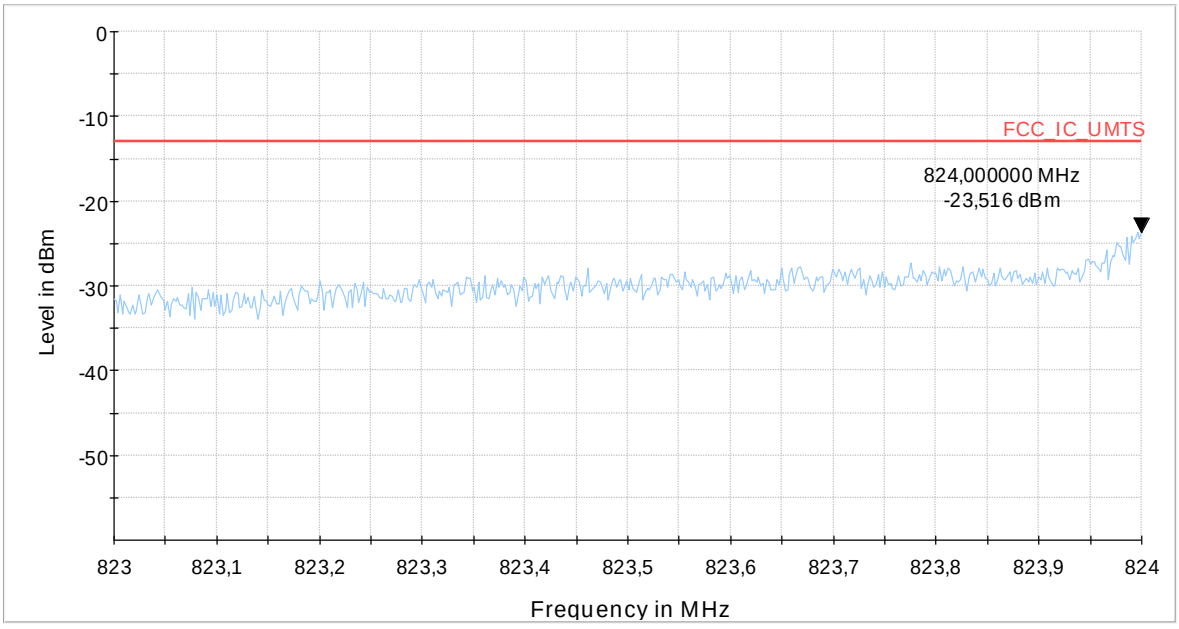


Diagram: 9.18_Ch20407_BW1.4_1RB_Low_16QAM

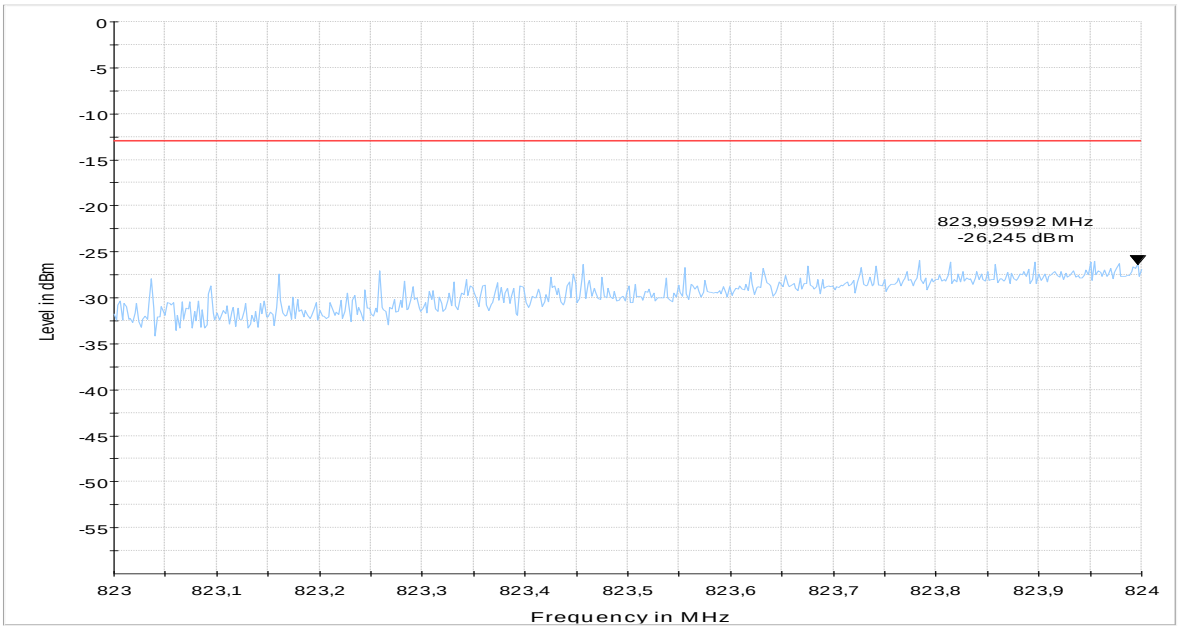


Diagram: 9.19_Ch20407_BW1.4_1RB_High_QPSK

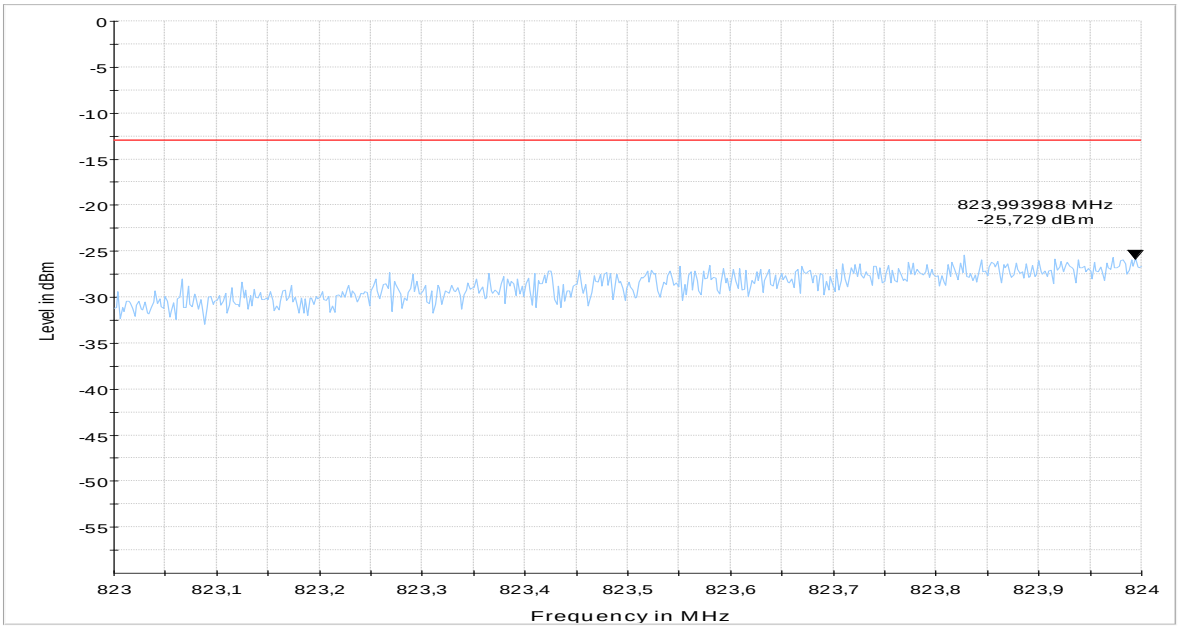


Diagram: 9.20_Ch20407_BW1.4_1RB_High_16QAM

1.10.2. High Band-Edge

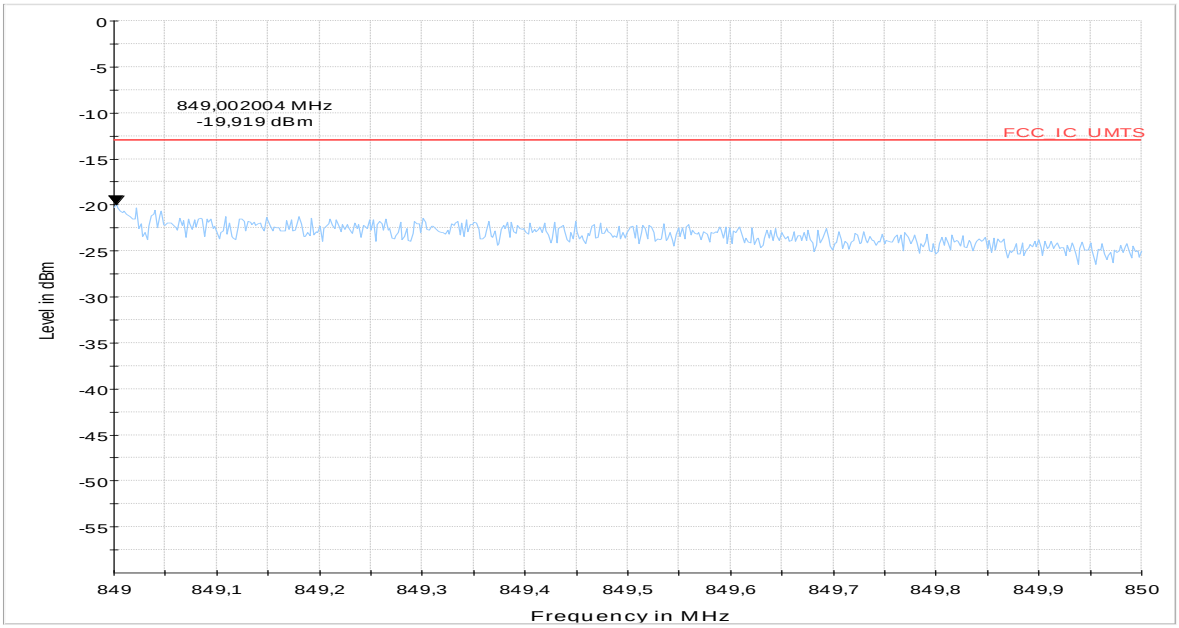


Diagram: 9.21_Ch20643_BW1.4_1RB_Low_QPSK

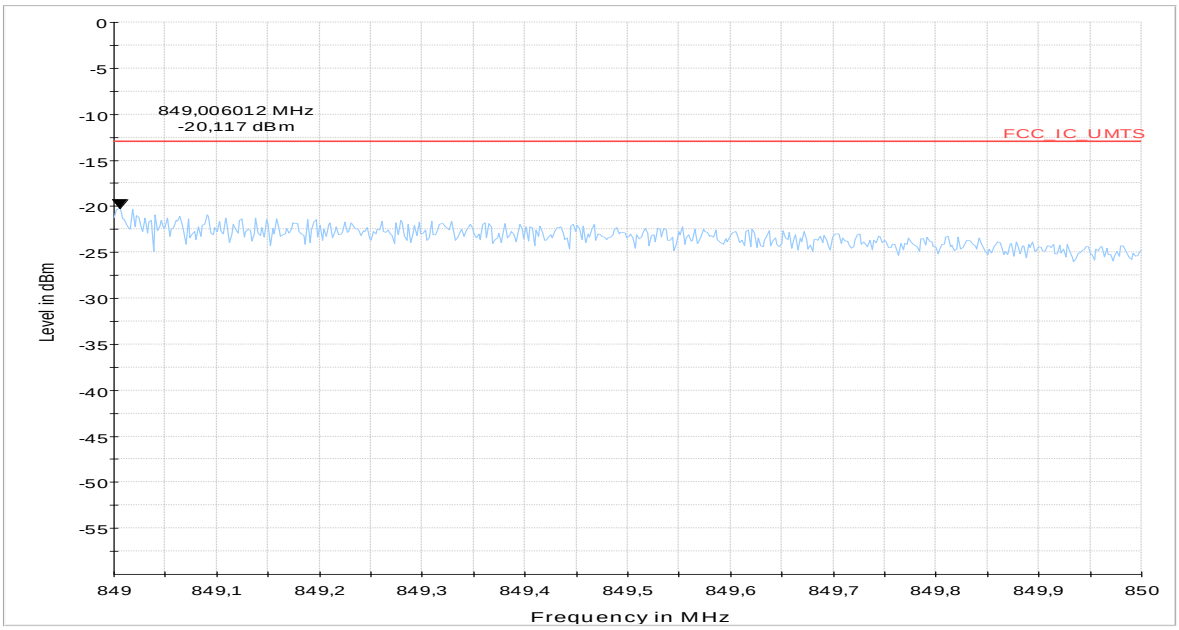


Diagram: 9.22_Ch20643_BW1.4_1RB_Low_16QAM

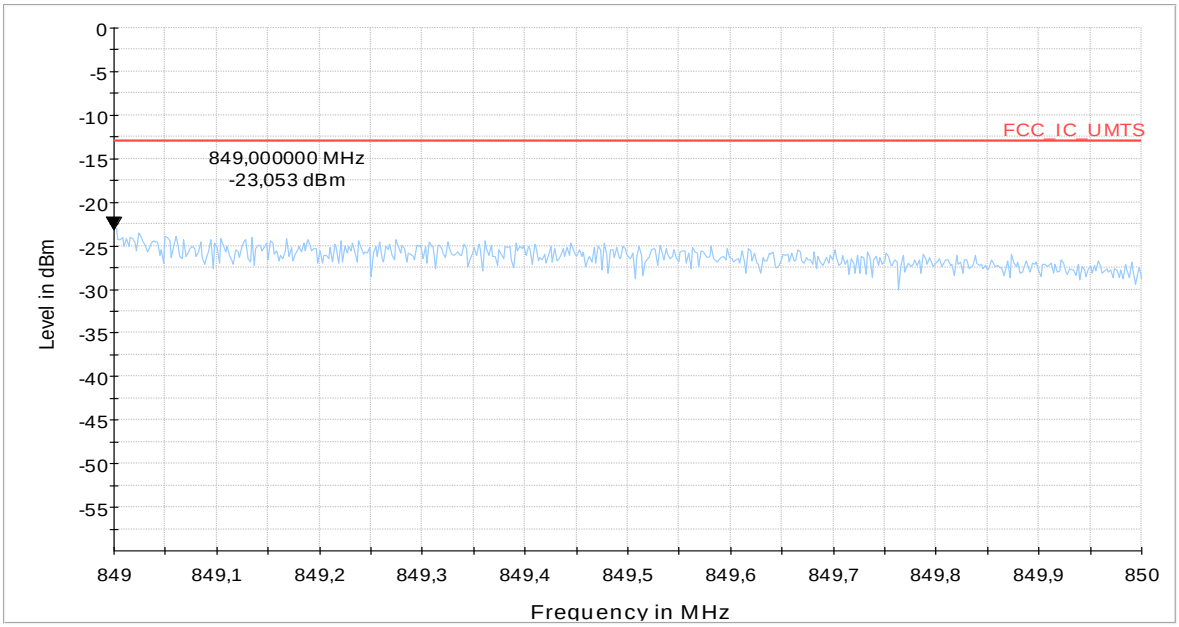


Diagram: 9.23_Ch20643_BW1.4_1RB_High_QPSK

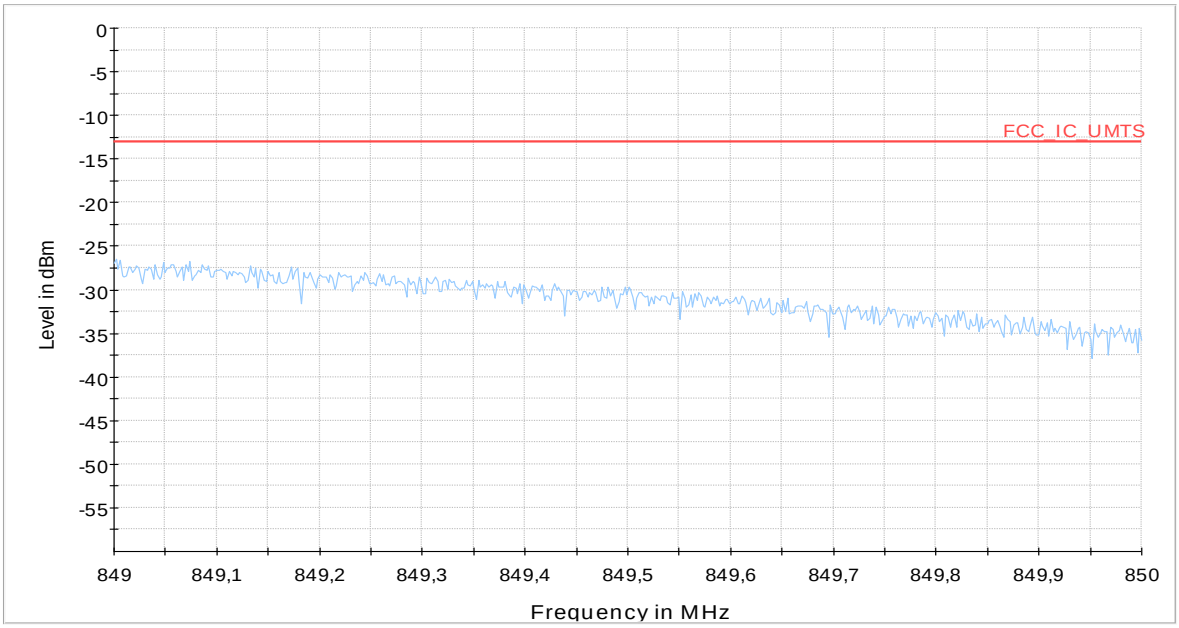


Diagram: 9.24_Ch20643_BW1.4_1RB_High_16QAM

1.11. Radiated emissions – band-edge (LTE Band 12)

1.11.1. Low Band-Edge

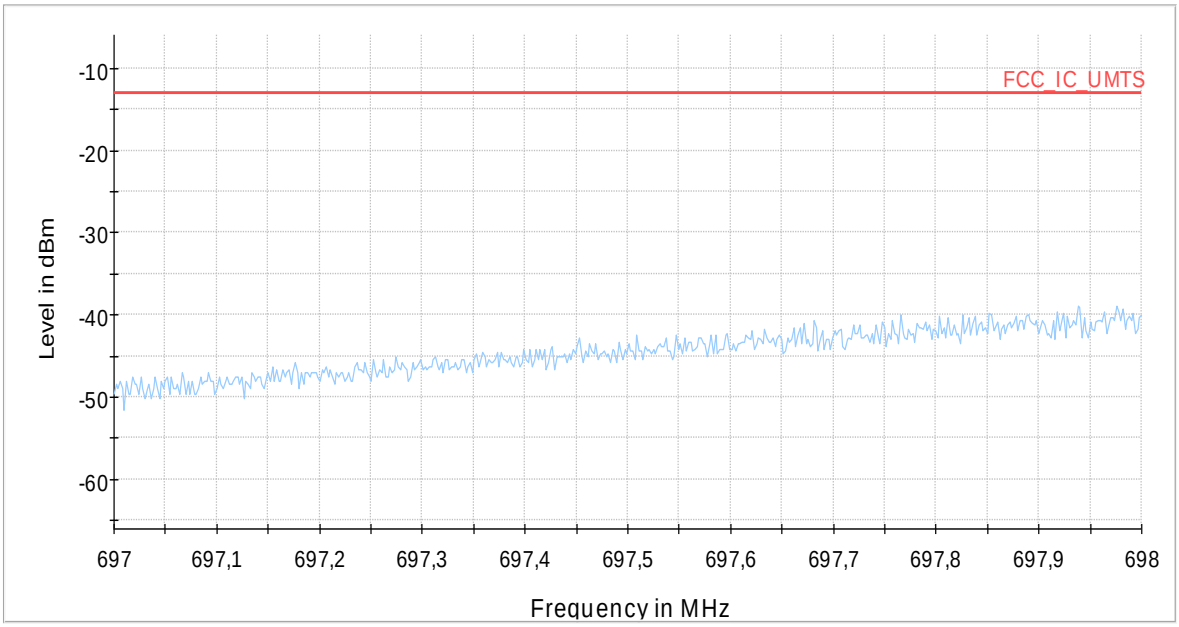


Diagram: 9.25_Ch-23017_BW1,4_1RB_Low_QPSK

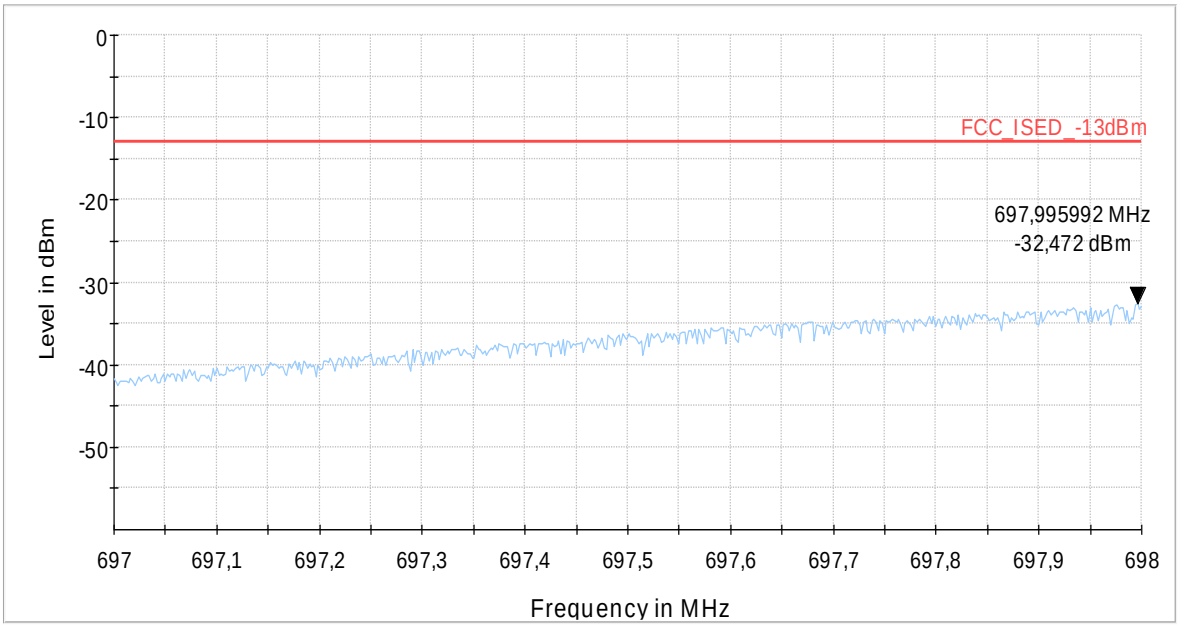


Diagram: 9.26_Ch-23017_BW1,4_1RB_Low_16QAM

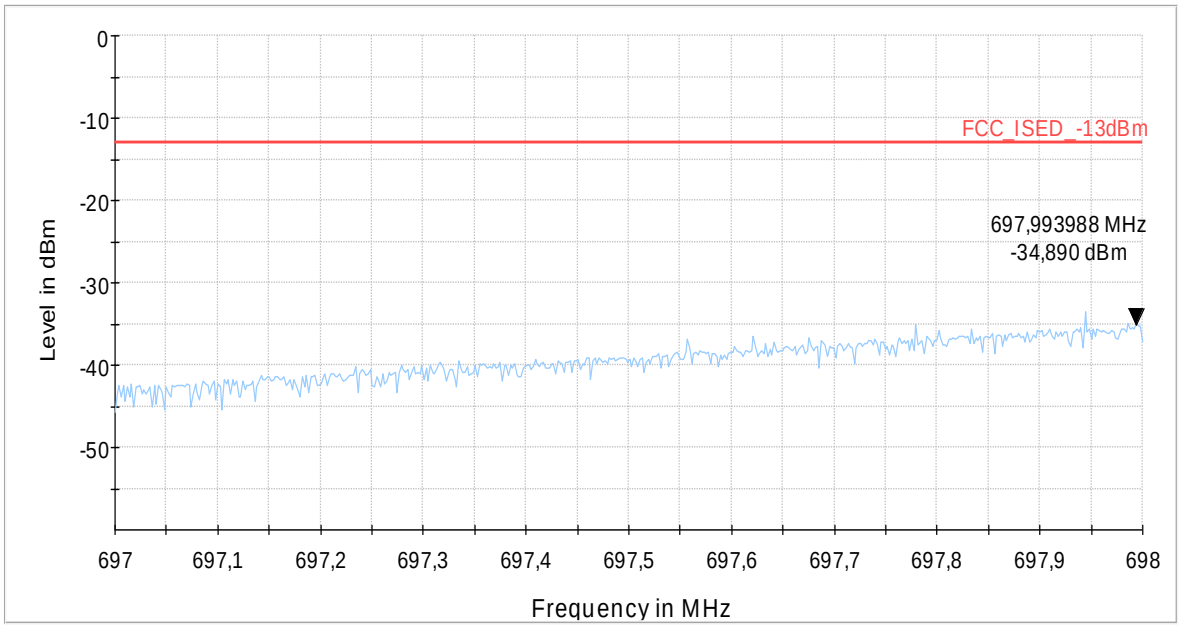


Diagram: 9.27_Ch-23017_BW1,4_1RB_High_QPSK

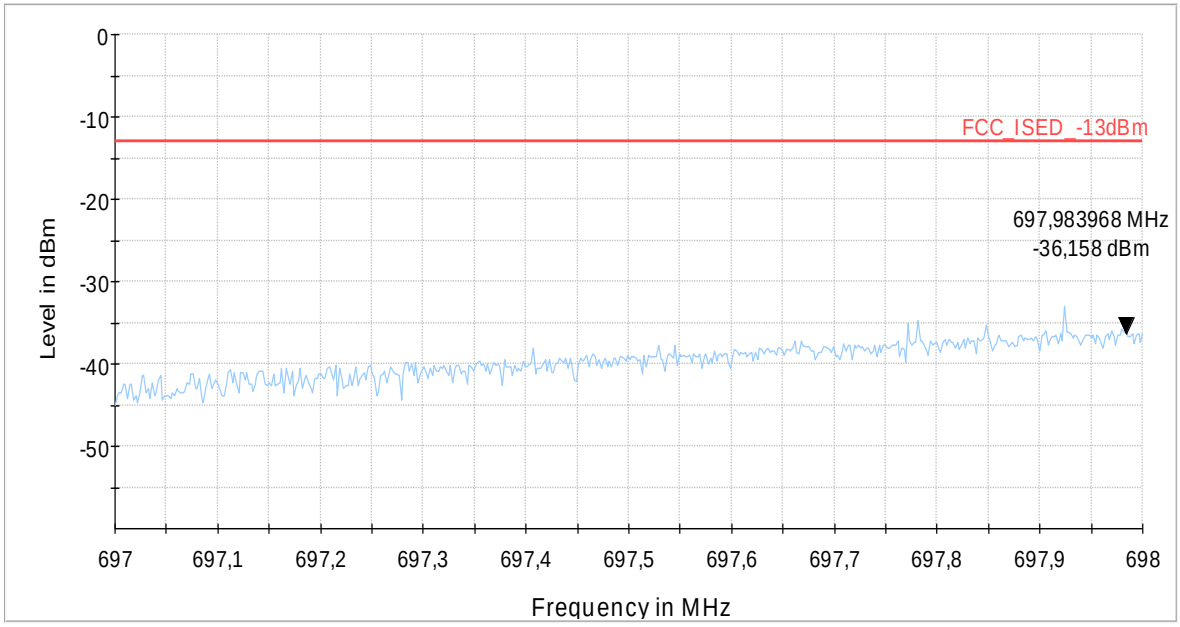


Diagram: 9.28_Ch-23017_BW1,4_1RB_High_16QAM

1.11.2. High Band-Edge

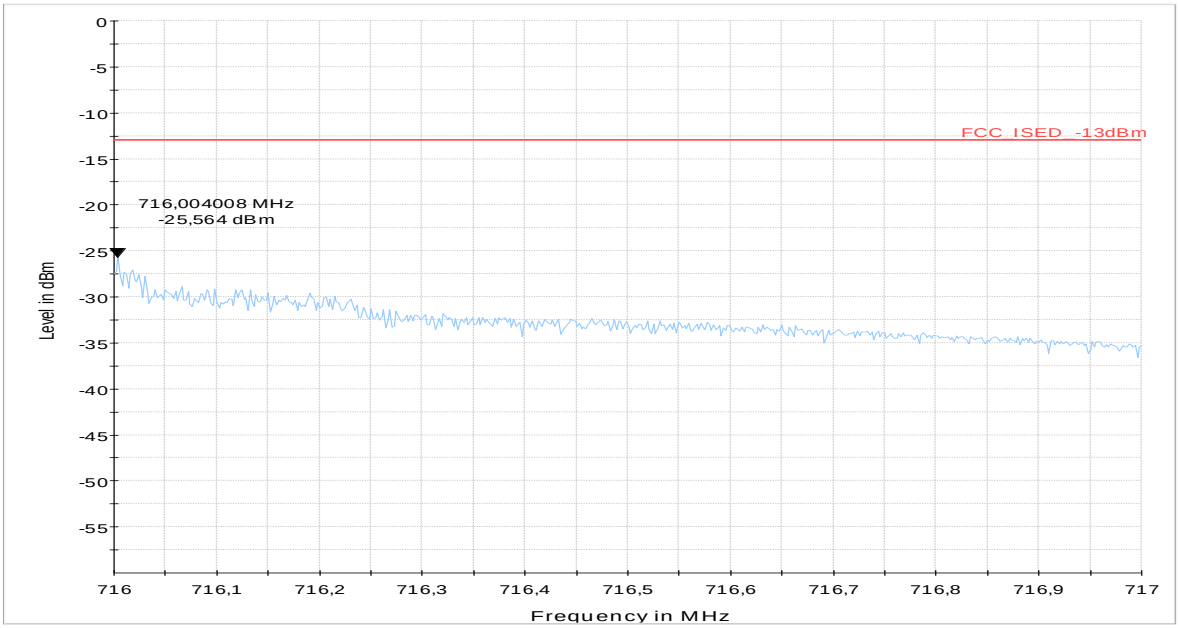


Diagram: 9.29_Ch-23173_BW1,4_1RB_Low_QPSK

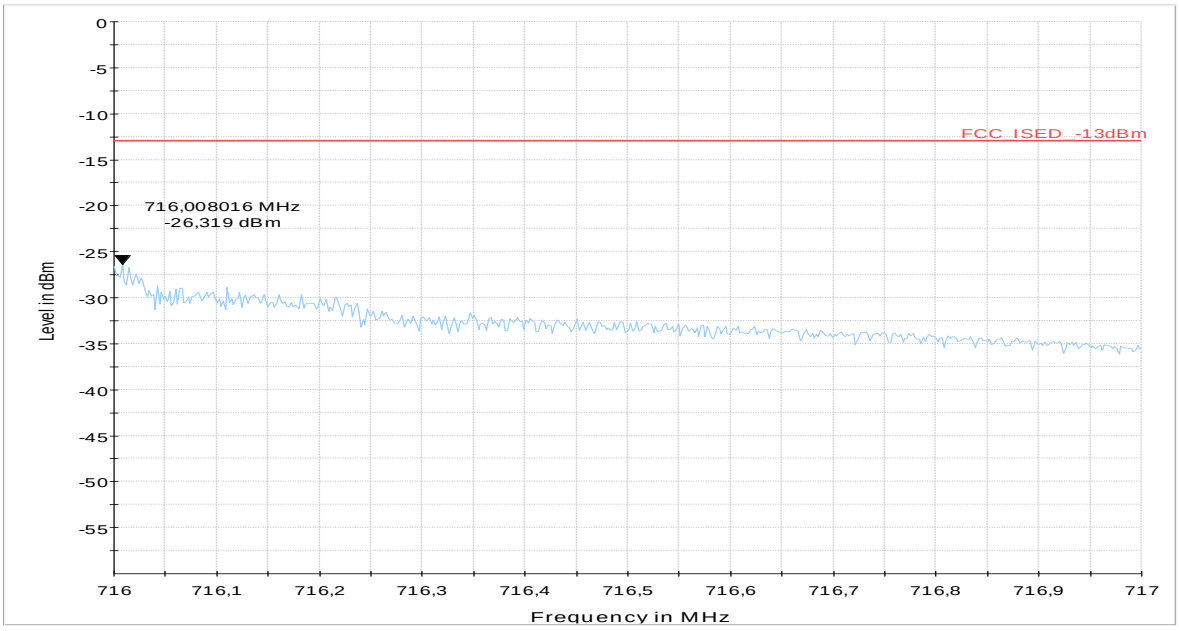


Diagram: 9.30_Ch-23173_BW1,4_1RB_Low_16QAM

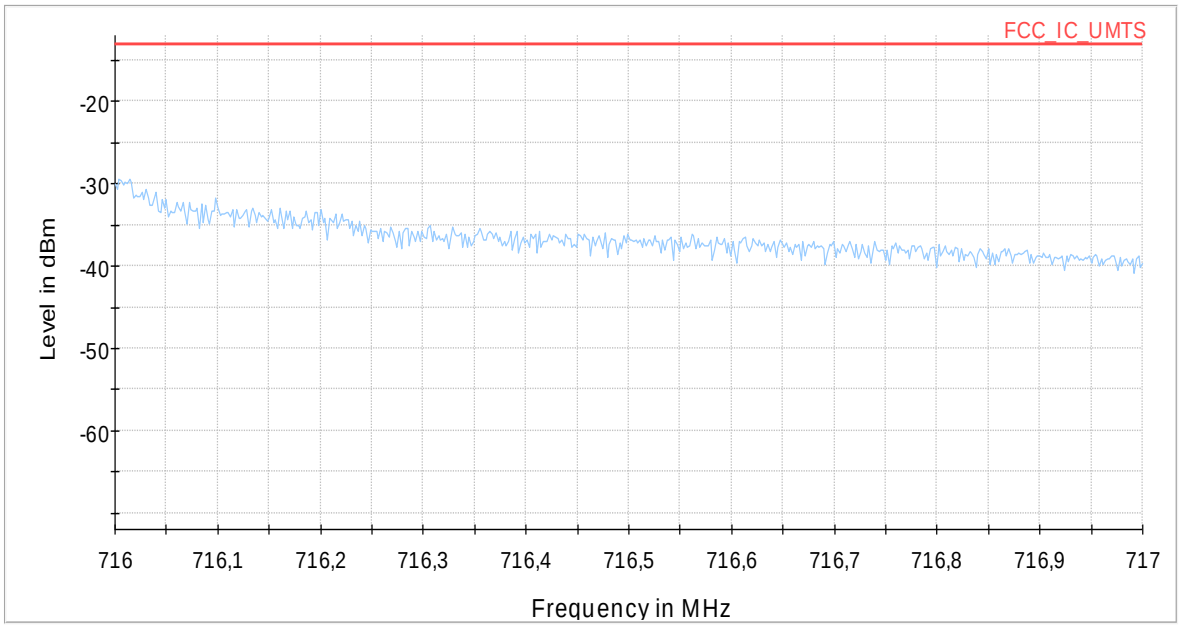


Diagram: 9.31_Ch-23173_BW1,4_1RB_High_QPSK

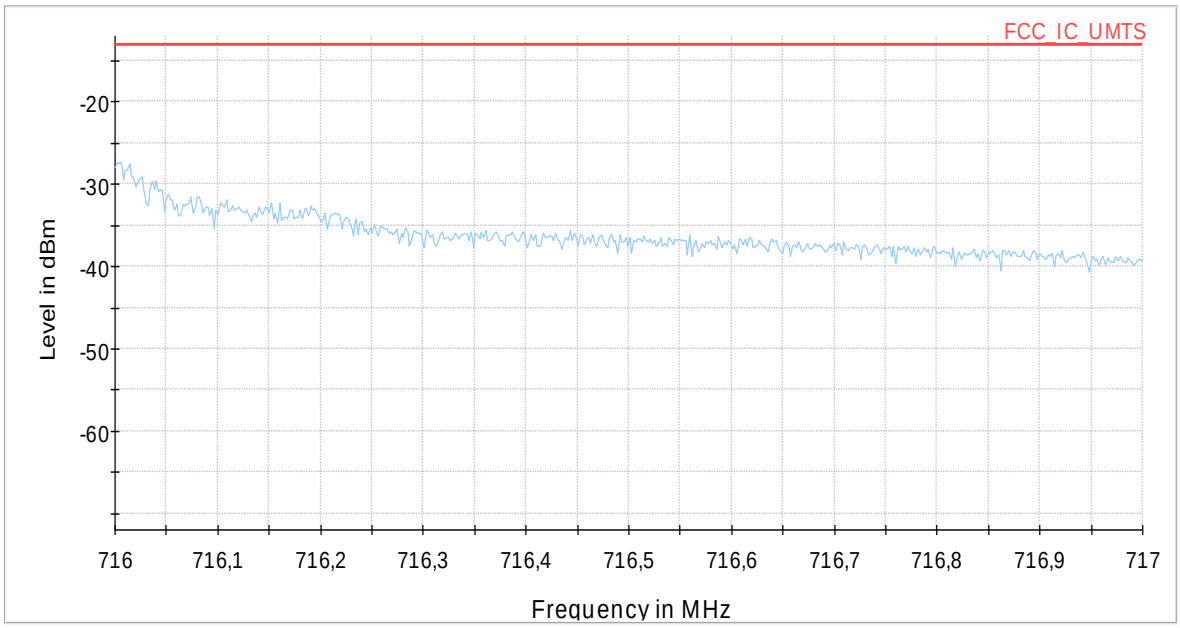


Diagram: 9.32_Ch-23173_BW1,4_1RB_High_16QAM

End Of Report