

Annex 1: Measurement diagrams to PARTIAL TEST REPORT No.: 17-1-0221001T20a-A1

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

ISED-Regulations

RSS-132 Issue 3, RSS-133 Issue 6, RSS-Gen Issue 5

for **ACTIA Nordic AB**

Telematic Device ACUII-06

FCC ID: 2AGKKACUII-06H2 ISED: 20839-ACUII06H2



CETECOM GmbH

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Laboratory Accreditation and Listings



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1. Measurement diagrams

1.1. Magnetic field emissions radiated (LTE Band 2, 4, 5 and 17 transmitting mode)

1.2. External Antenna

Diagram 2.01a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_2_Channel_18900_BW_5M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Standing, External Antenna

EUT Information

Manufacturer: Actia nordic AB
Model: ACUII-06
Type: Telematic Device

HW version: H2 SW version: 14

Serial number: 30207090/22726872069718

Power Supply: 13.8VDC

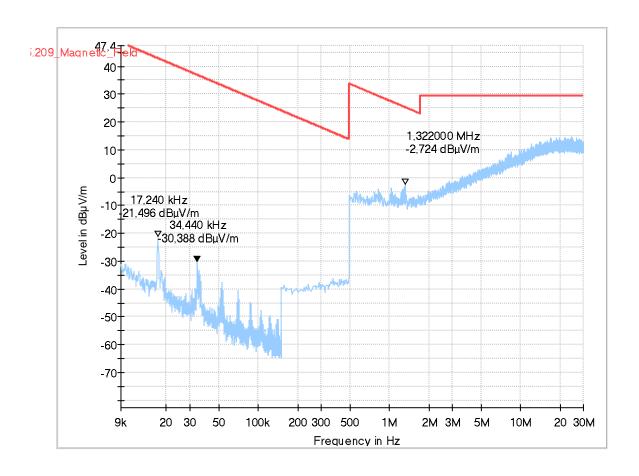


Diagram 2.01b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_2_Channel_18900_BW_5M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, External Antenna

EUT Information

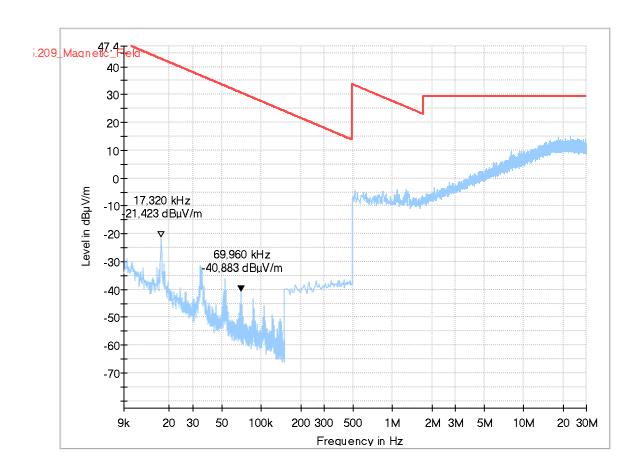


Diagram 2.02a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_4_Channel_20175_BW_10M_1RB_high_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Standing, External Antenna

EUT Information

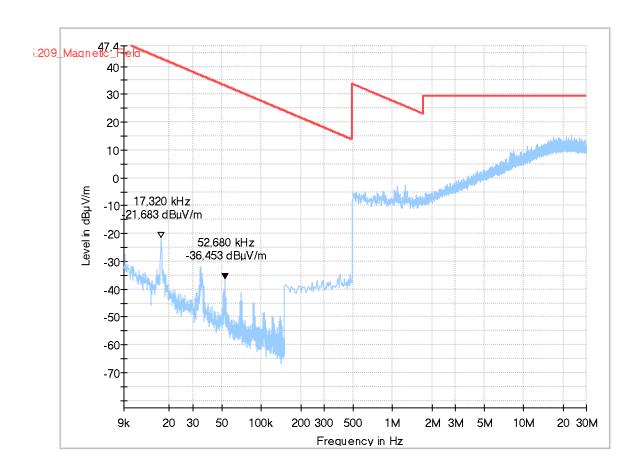


Diagram 2.02b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_4_Channel_20175_BW_10M_1RB_high_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, External Antenna

EUT Information

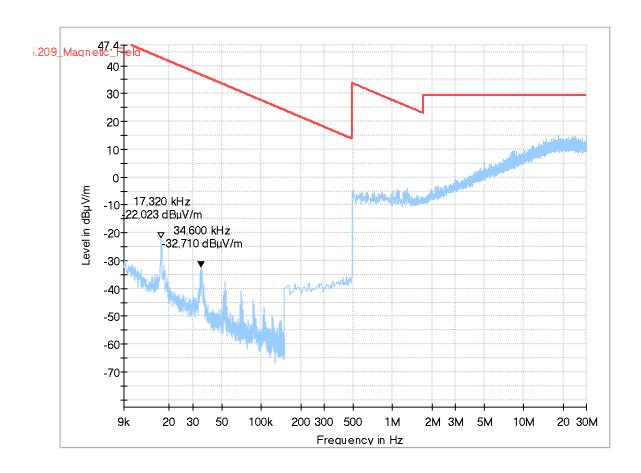


Diagram 2.03a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_5_Channel_20415_BW_3M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Standing, External Antenna

EUT Information

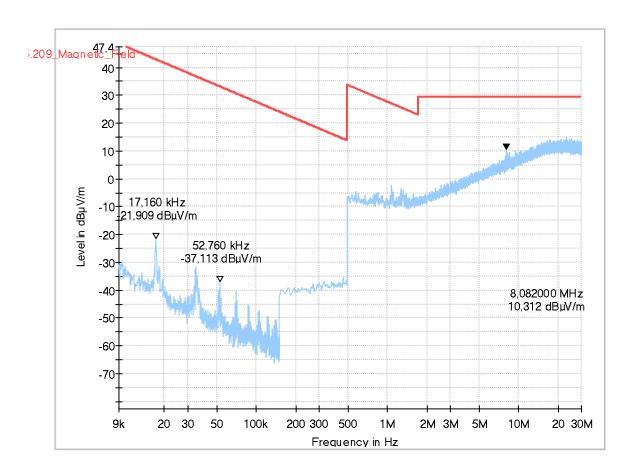


Diagram 2.03b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_5_Channel_20415_BW_3M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, External Antenna

EUT Information

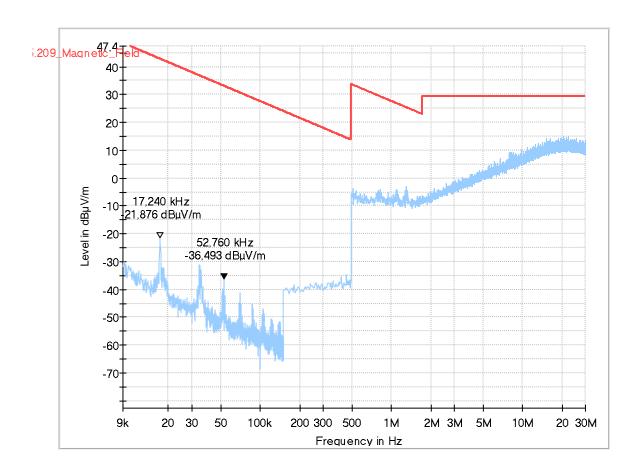


Diagram 2.04a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_17_Channel_23790_BW_5M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Standing, External Antenna

EUT Information

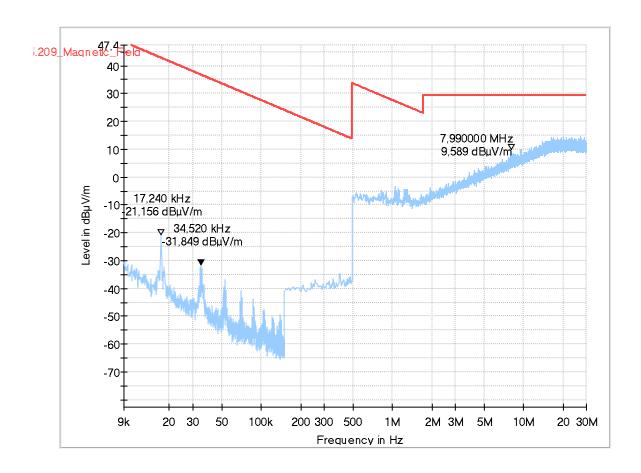


Diagram 2.04b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

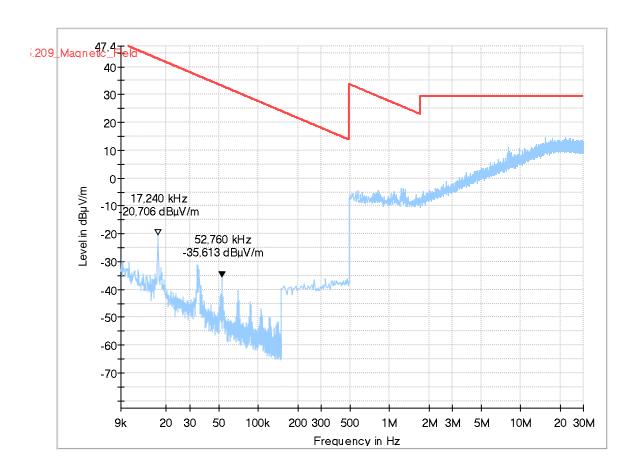
Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_17_Channel_23790_BW_5M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, External Antenna

EUT Information



1.3. Internal Antenna

Diagram 2.05a

Common Information

Test description: Magnetic Field Strength Measurement related to 30/300 m distance Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance Test site and distance:

Version of Testsoftware: EMC.V9.25.00

used accord. table, pls. see test report Distance correction:

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification:

FCC 15.205 § 15.209; RSS-Gen: Issue 5 LTE_Band_2_Channel_18900_BW_5M_1RB_low_QPSK Operation Mode

Operator: TFr/LKu Power during tests: 13.8 V DC

DUT Standing, Internal Antenna Comment 1:

EUT Information

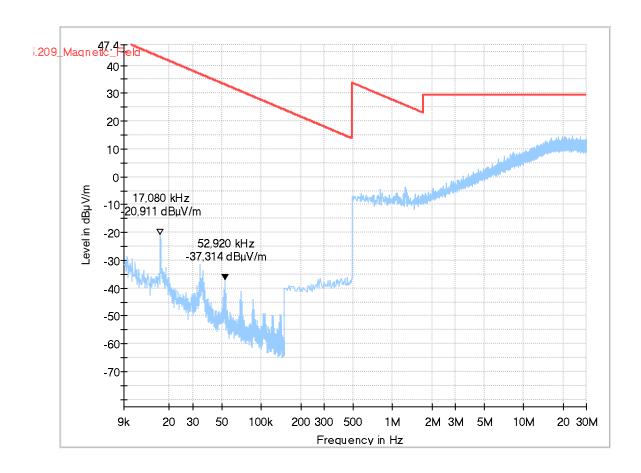


Diagram 2.05b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_2_Channel_18900_BW_5M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, Internal Antenna

EUT Information

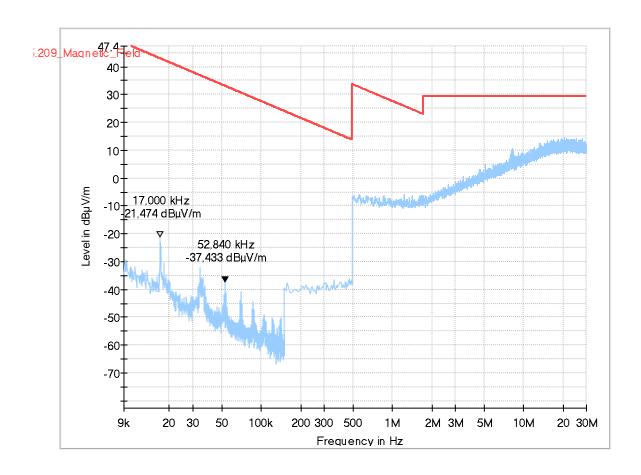


Diagram 2.06a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_4_Channel_20175_BW_10M_1RB_high_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Standing, Internal Antenna

EUT Information

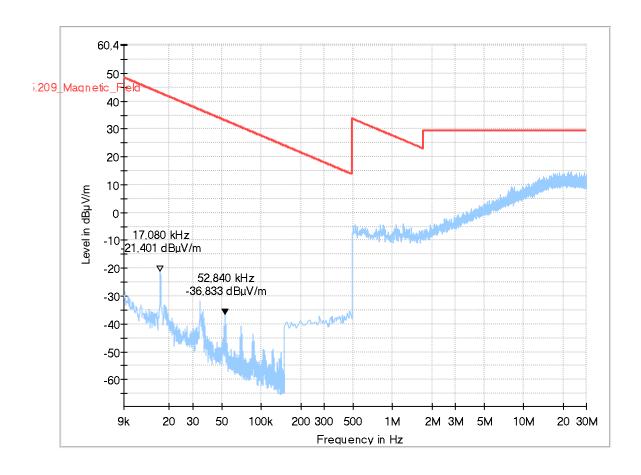


Diagram 2.06b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band_4_Channel_20175_BW_10M_1RB_high_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, Internal Antenna

EUT Information

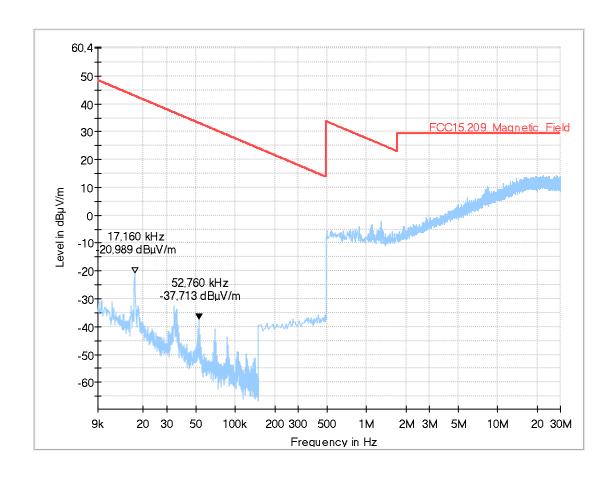


Diagram 2.07a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band5_Channel_20415_BW_3M_1RB_low_QPSK Operator: TFr/LKu

Power during tests: 13.8 V DC

Comment 1: DUT Standing, Internal Antenna

EUT Information

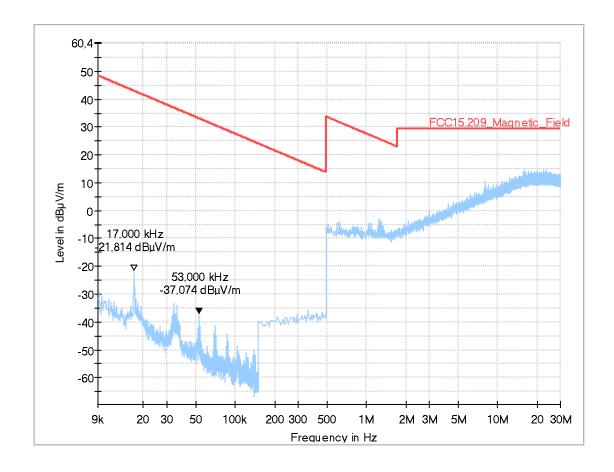


Diagram 2.07b

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation
Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operation Mode LTE_Band5_Channel_20415_BW_3M_1RB_low_QPSK

Operator: TFr/LKu
Power during tests: 13.8 V DC

Comment 1: DUT Laying, Internal Antenna

EUT Information

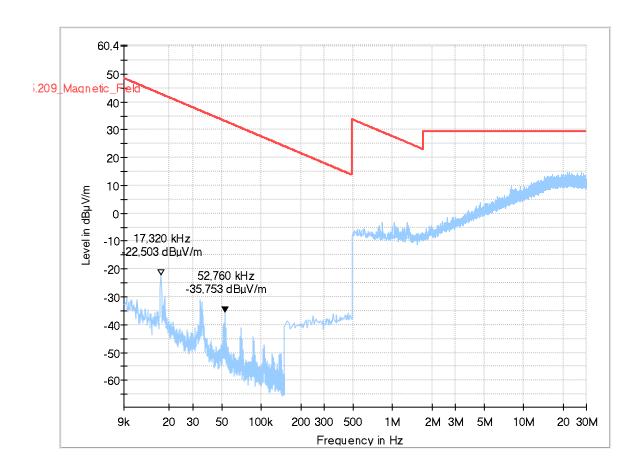


Diagram 2.08a

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: EMC.V9.25.00

Distance correction: used accord. table, pls. see test report

Rec. antenna (pre-scan): height 1.00 m, parallel and 90° to EUT polarisation

Test specification: FCC 15.205 § 15.209; RSS-Gen: Issue 5

Operation Mode LTE_Band-17_Channel_23790_BW_5M_1RB_low_QPSK

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Standing, Internal Antenna

EUT Information

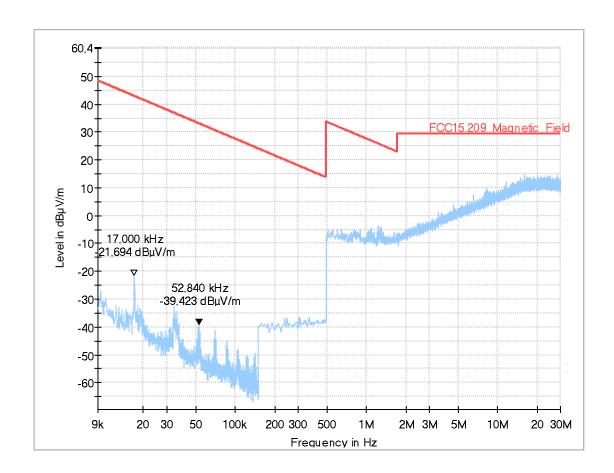


Diagram 2.08b

Common Information

Test description: Magnetic Field Strength Measurement related to 30/300 m distance Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance Test site and distance:

Version of Testsoftware: EMC.V9.25.00

used accord. table, pls. see test report Distance correction:

height 1.00 m, parallel and 90° to EUT polarisation Rec. antenna (pre-scan):

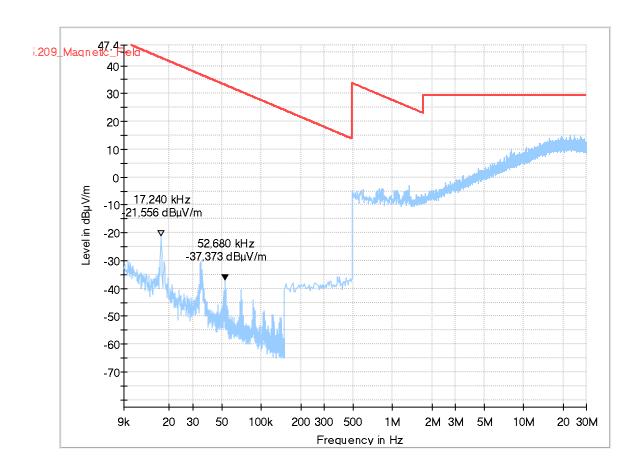
Test specification:

FCC 15.205 § 15.209; RSS-Gen: Issue 5 LTE_Band-17_Channel_23790_BW_5M_1RB_low_QPSK Operation Mode

Operator: TFr/LKu Power during tests: 13.8 V DC

Comment 1: DUT Laying, Internal Antenna

EUT Information



1.4. Spurious emissions radiated (LTE Band II, IV, V and XVII transmitting mode)

1.4.1. Radiated emissions on LTE Band II - External Antenna

Diagram 8.01a

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_FDD2_BW5_1RB_low_CH18900_Modulation_QPSK

Operator Name:

Comment: EUT Standing_External Antenna

EUT Information

Please see Diagram 2.01a

Full Spectrum

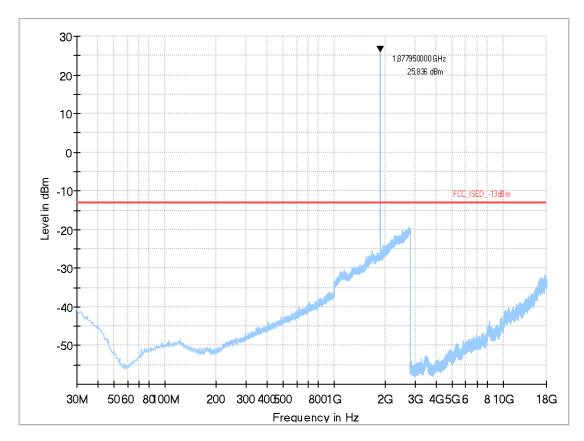


Diagram 8.01b

Common Information

Antenna polarisation:

Test Site: Test Standard:

Fully-Anechoic Room FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

vertical / horizontal EMC32 V9.26.0

Measurement software version LTE_FDD2_BW5_1RB_low_CH18900_Modulation_QPSK Operation mode:

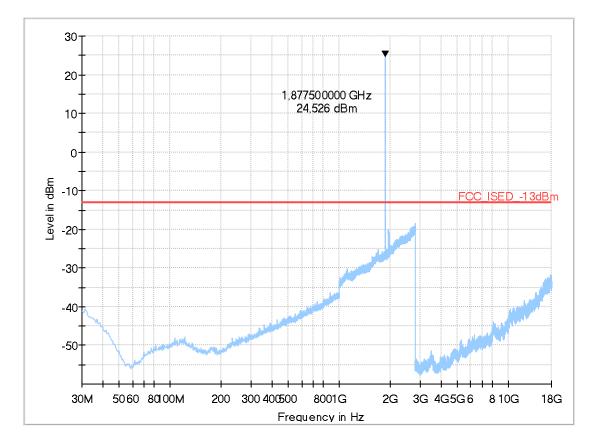
Operator Name:

Comment: EUT Laying_External Antenna

EUT Information

Please see Diagram 2.01a

Full Spectrum



1.4.2. Radiated emissions on LTE Band II - Internal Antenna

Diagram 8.05a

Common Information

Test Site: Fully-Anechoic Room

Test Standard: FCĆ 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_FDD2_BW5_1RB_low_CH18900_Modulation_QPSK

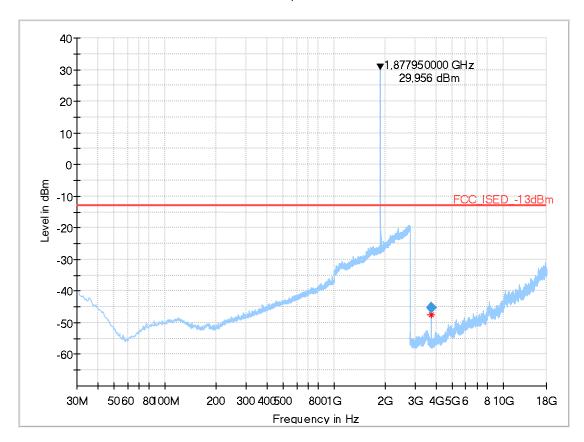
Operator Name: HEI

Comment: EUT Standing_Internal Antenna

EUT Information

Please see Diagram 2.01a

Full Spectrum



Final_Result

	Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margi n (dB)	Meas Time	Bandwidt h (kHz)	Heigh t (cm)	Pol	Azimut h (deg)	Elevatio n (deg)
ĺ	3755.683333	-45.33	-13.00	32.33	100.0	1000.000	154.0	Н	45.0	0.0

Diagram 8.05b

Common Information

Test Site:

Fully-Anechoic Room FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3 Test Standard:

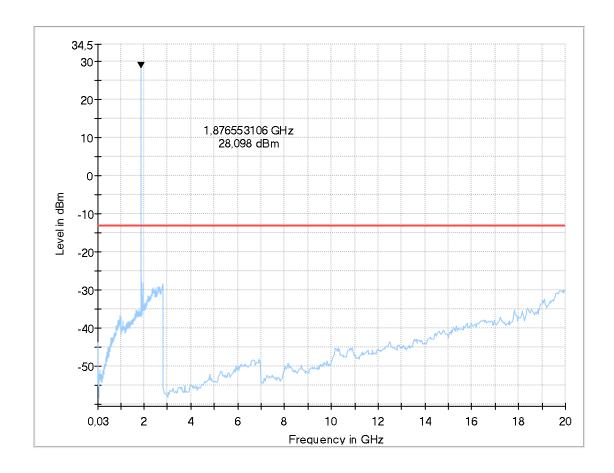
Antenna polarisation: vertical / horizontal EMC32 V9.26.0 Measurement software version

Operation mode: LTE_FDD2_BW5_1RB_low_CH18900_Modulation_QPSK

Operator Name:

Comment: EUT Laying_Internal Antenna

EUT Information



1.5. Spurious emissions radiated (LTE Band II, IV, V and XVII transmitting mode)

1.5.1. Radiated emissions on LTE Band IV - External Antenna

Diagram 8.02a

Common Information

Test Site: Test Standard: Antenna polarisation:

Measurement software version Operation mode:

Operator Name: Comment: Fully-Anechoic Room

FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

vertical / horizontal EMC32 V9.26.0

LTE_FDD4_BW10_1RB_high_CH20175_Modulation_QPSK

Hel

EUT Standing_Internal Antenna

EUT Information

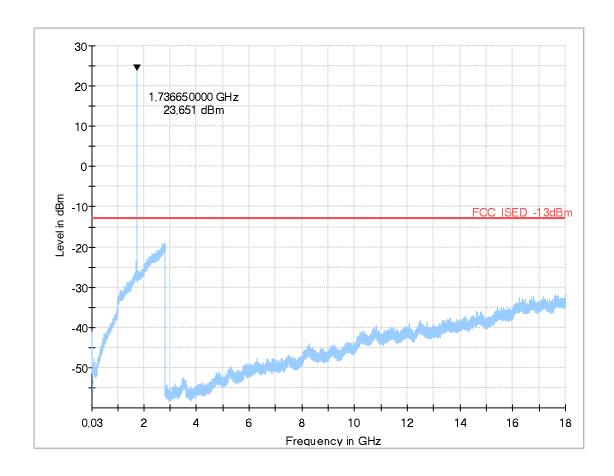


Diagram 8.02b

Common Information

Test Site: Test Standard: Antenna polarisation:

Measurement software version

Operation mode: Operator Name: Comment:

Fully-Anechoic Room FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

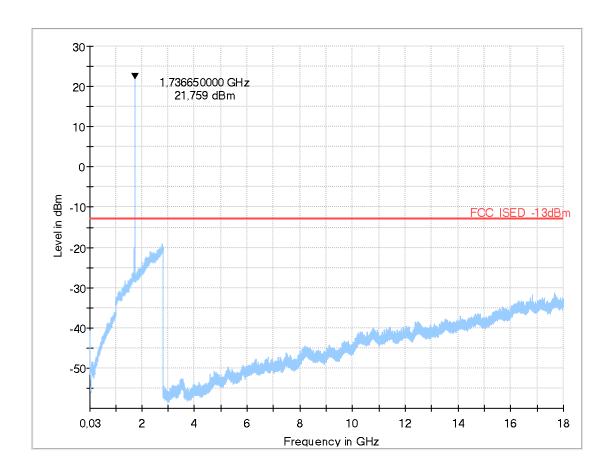
vertical / horizontal EMC32 V9.26.0

LTE_FDD4_BW10_1RB_high_CH20175_Modulation_QPSK

Hel

_aying_Internal Antenna

EUT Information



1.5.2. Radiated emissions on LTE Band IV - Internal Antenna

Diagram 8.06a

Common Information

Antenna polarisation:

Test Standard:

Test Site: Fully-Anechoic Room

FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

vertical / horizontal

Measurement software version EMC32 V9.26.0

Operation mode: LTE_FDD4_BW10_1RB_high_CH20175_Modulation_QPSK

Operator Name:

Comment: EUT Standing_Internal Antenna

EUT Information

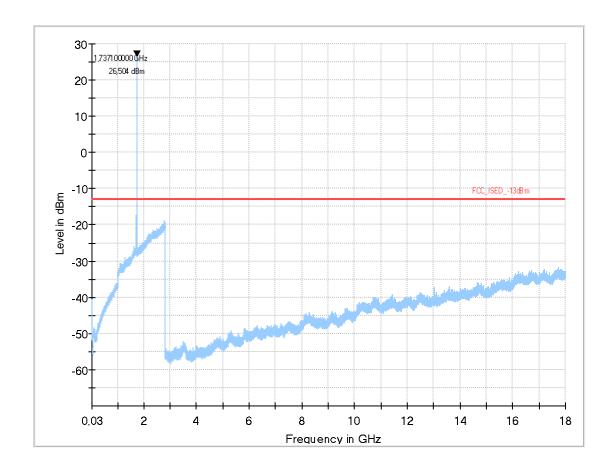


Diagram 8.06b

Common Information

Test Site:

Fully-Anechoic Room FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3 Test Standard:

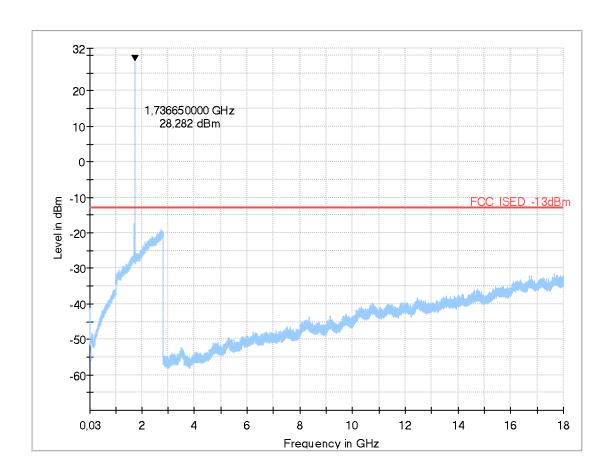
Antenna polarisation: vertical / horizontal EMC32 V9.26.0 Measurement software version

Operation mode: LTE_FDD4_BW10_1RB_high_CH20175_Modulation_QPSK

Operator Name:

Comment: EUT Laying_Internal Antenna

EUT Information



1.6. Spurious emissions radiated (LTE Band II, IV, V and XVII transmitting mode)

1.6.1. Radiated emissions on LTE Band V - External Antenna

Diagram 8.03a

Common Information

Test Site: Fully-Anechoic Room

Test Standard: FCĆ 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_FDD5_BW_3M_1RB_low_CH20415_Modulation_QPSK

Operator Name:

Comment: EUT Standing_External Antenna

EUT Information

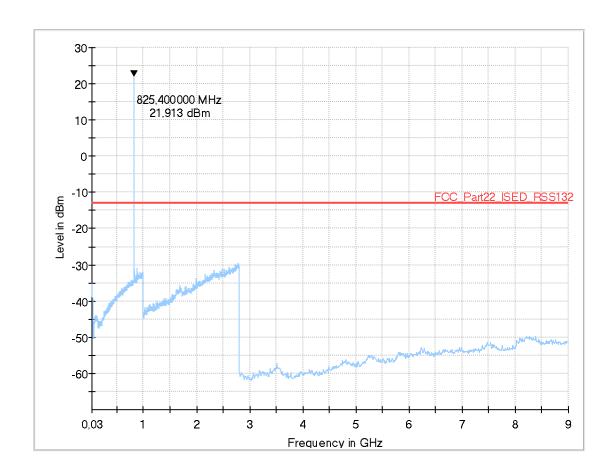


Diagram 8.03b

Common Information

Antenna polarisation:

Test Site:

Fully-Anechoic Room FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3 Test Standard:

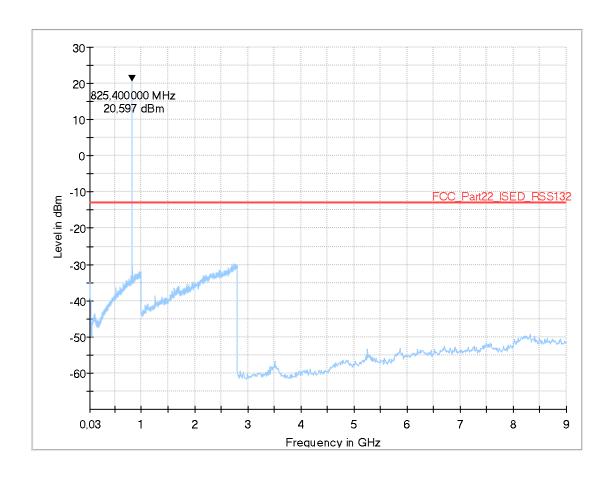
vertical / horizontal EMC32 V9.26.0

Measurement software version LTE_FDD5_BW_3M_1RB_low_CH20415_Modulation_QPSK Operation mode:

Operator Name:

Comment: EUT Laying_External Antenna

EUT Information



1.6.2. Radiated emissions on LTE Band V - Internal Antenna

Diagram 8.07a

Common Information

Test Site: Fully-Anechoic Room

Test Standard: FCĆ FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

Antenna polarisation: vertical / horizontal Measurement software version EMC32 V9.26.0

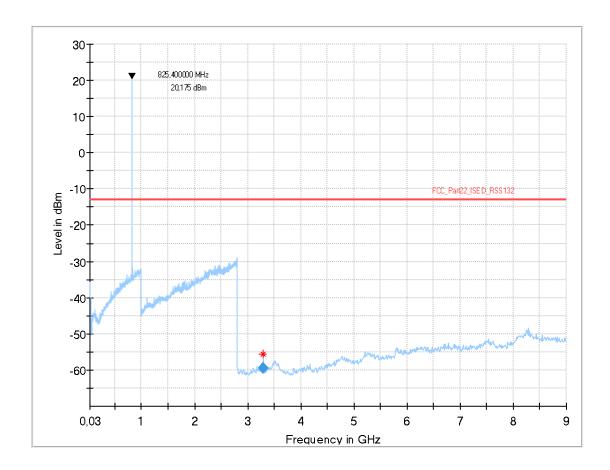
Operation mode: LTE_FDD5_BW_3M_1RB_low_CH20415_Modulation_QPSK

Operator Name: Hel

Comment: EUT Standing_Internal Antenna

EUT Information

Please see Diagram 2.01a



Final_Result

Frequency (MHz)	MaxPea k (dBm)	Limit (dBm)	Margi n (dB)	Meas Time	Bandwidt h (kHz)	Heigh t (cm)	Pol	Azimut h (deg)
	-59.52	-13.00	46.52	100.0	100.000	154.0		54.0

Diagram 8.07b

Common Information

Test Site: Test Standard:

Antenna polarisation:

Measurement software version Operation mode:

Operator Name:

Comment:

Fully-Anechoic Room

FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

vertical / horizontal

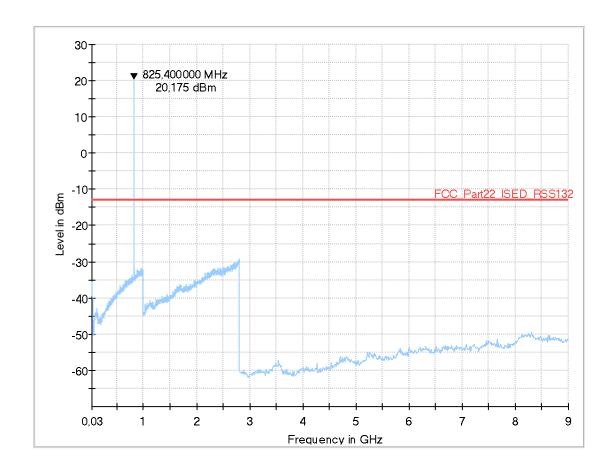
EMC32 V9.26.0

LTE_FDD5_BW_3M_1RB_low_CH20415_Modulation_QPSK

Hel

EUT Laying_Internal Antenna

EUT Information



1.7. Spurious emissions radiated (LTE Band II, IV, V and XVII transmitting mode)

1.7.1. Radiated emissions on LTE Band XVII - External Antenna

Diagram 8.04a

Common Information

Test Standard: Antenna polarisation:

Measurement software version

Operation mode:

Operator Name:

Comment:

FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

vertical / horizontal EMC32 V9.26.0

LTE_FDD_17_BW_5M_1RB_low_CH23790_Modulation_QPSK

EUT Standing_External Antenna

EUT Information

Please see Diagram 2.01a

Full Spectrum

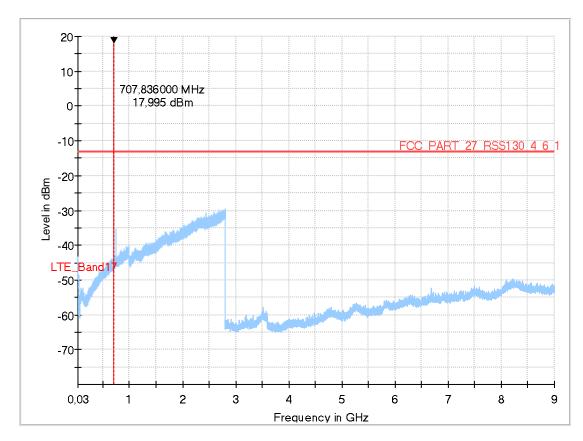


Diagram 8.04b

Common Information

Test Standard: Antenna polarisation:

Measurement software version Operation mode:

Operator Name:

Comment:

FCC FCC Part 27.53(h) AWS emission limits / RSS-139, Issue 3

vertical / horizontal EMC32 V9.26.0

 $LTE_FDD_17_BW_5M_1RB_low_CH23790_Modulation_QPSK$

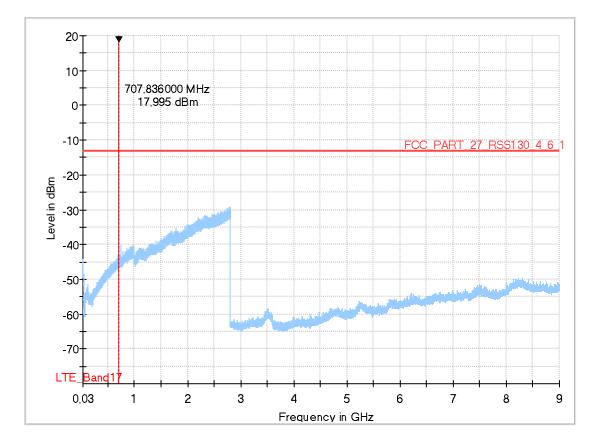
Hel

EUT Laying_External Antenna

EUT Information

Please see Diagram 2.01a

Full Spectrum



1.7.2. Radiated emissions on LTE Band XVII - Internal Antenna

Diagram 8.08a

Common Information

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_FDD_17_BW_5M_1RB_low_CH23790_Modulation_QPSK

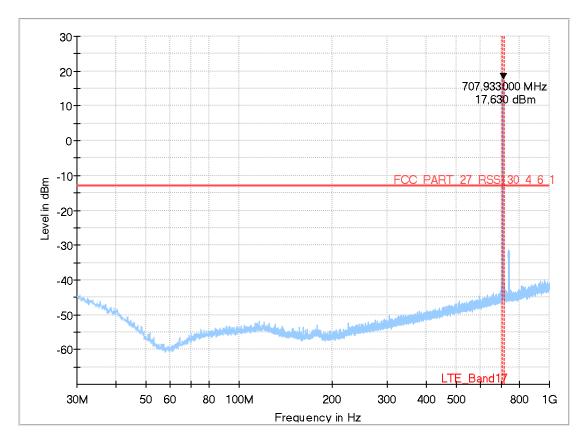
Operator Name:

Comment: EUT Standing_Internal Antenna

EUT Information

Please see Diagram 2.01a

Full Spectrum



Remarks:

Please see next Page for 1GHz-9GHz Measurement

Full Spectrum

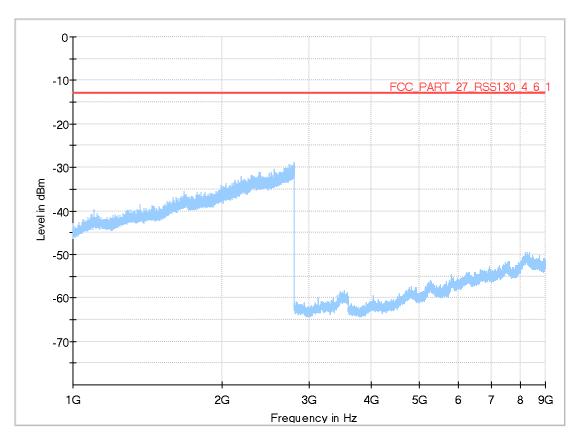


Diagram 8.08b

Common Information

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_FDD_17_BW_5M_1RB_low_CH23790_Modulation_QPSK

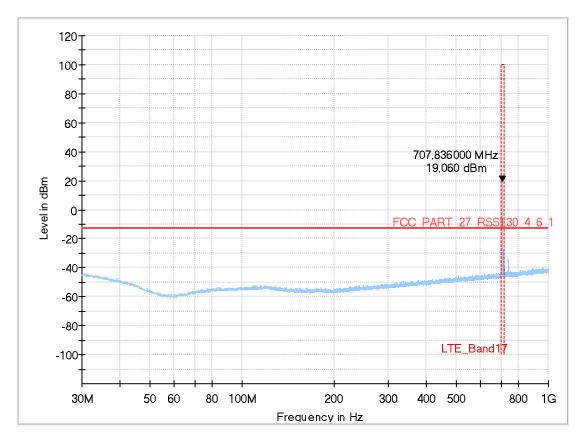
Operator Name: Hel

Comment: EUT LAying_Internal Antenna

EUT Information

Please see Diagram 2.01a

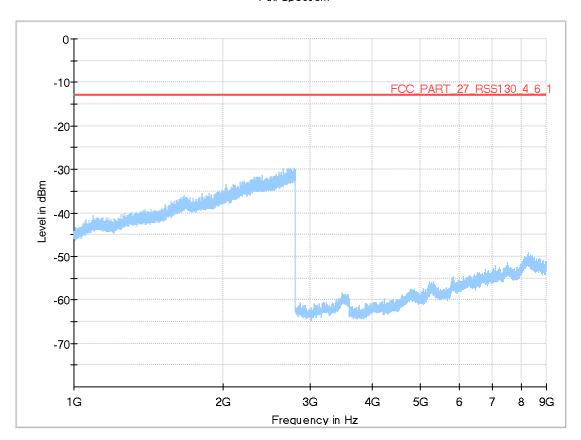
Full Spectrum



Remarks:

Please see next Page for 1GHz-9GHz Measurement

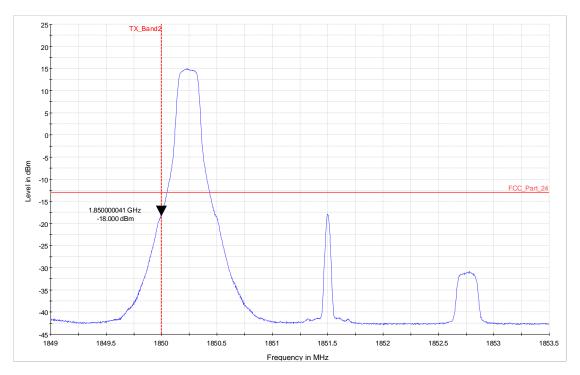
Full Spectrum



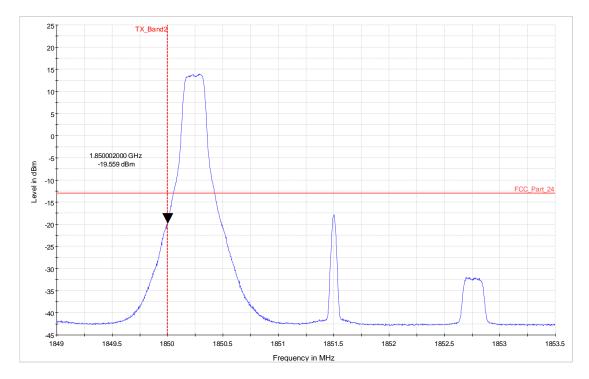
1.8. Band-edge LTE Band 2

1.8.1. Low band-edge

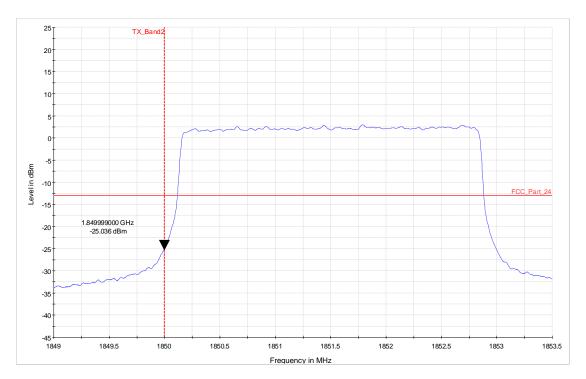
$37.203a_BE_Band2_CH18615_BW-3MHz_RB1_QPSK_Low$



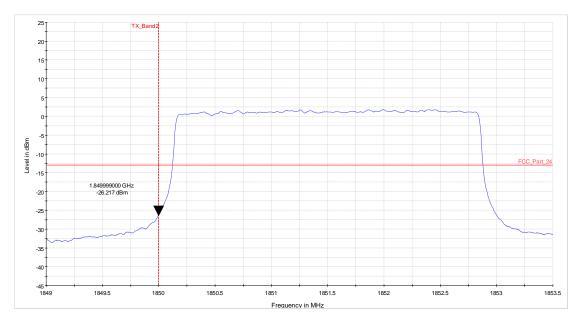
37.203b_BE_Band2_CH18615_BW-3MHz_RB1_16QAM_Low



37.204a_BE_Band2_CH18615_BW-3MHz_RB15_QPSK_Low

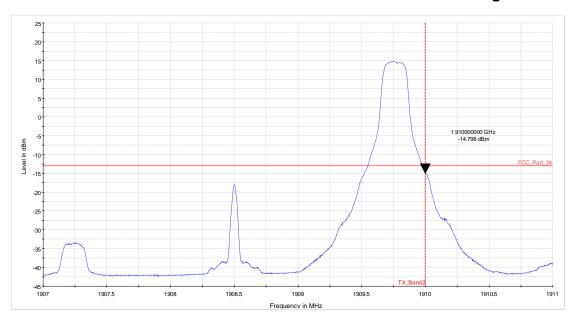


37.204b_BE_Band2_CH18615_BW-3MHz_RB15_16QAM_Low

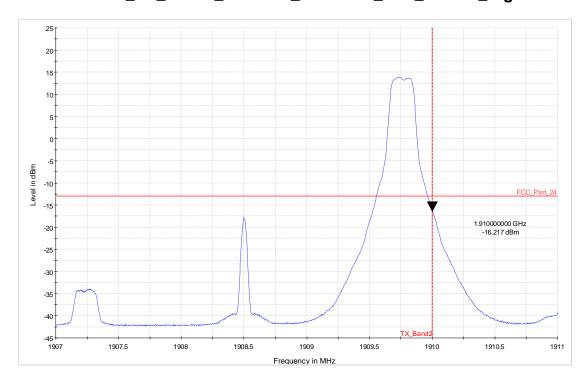


1.8.2. High band-edge

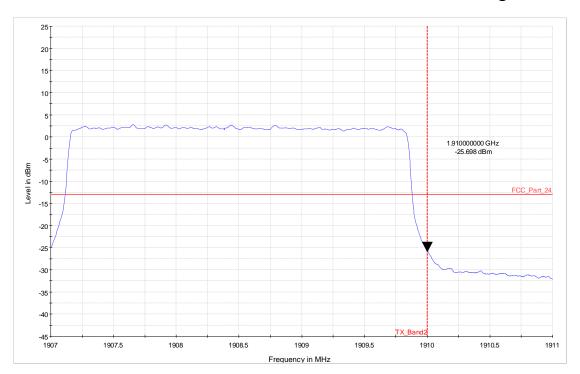
37.215a_BE_Band2_CH19185_BW-3MHz_RB1_QPSK_High



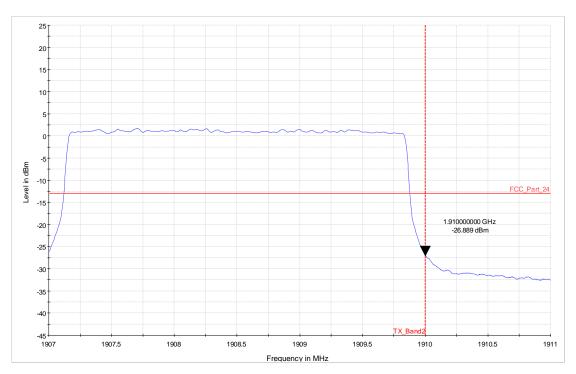
37.215b_BE_Band2_CH19185_BW-3MHz_RB1_16QAM_High



37.216a_BE_Band2_CH19185_BW-3MHz_RB15_QPSK_High



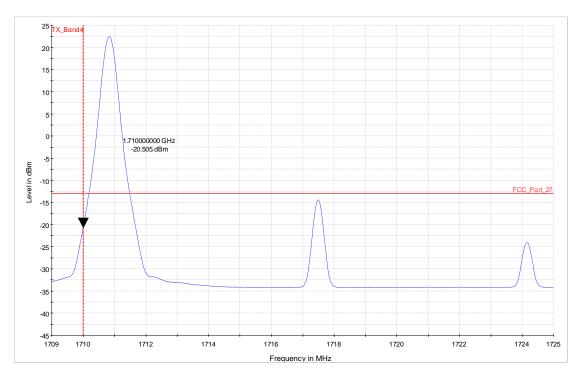
37.216b_BE_Band2_CH19185_BW-3MHz_RB15_16QAM_High



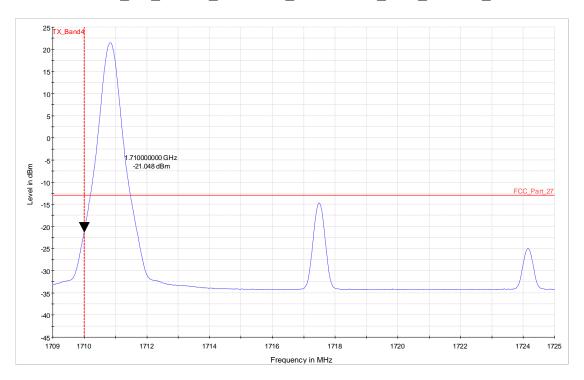
1.9. Band-edge LTE Band 4

1.9.1. Low band-edge

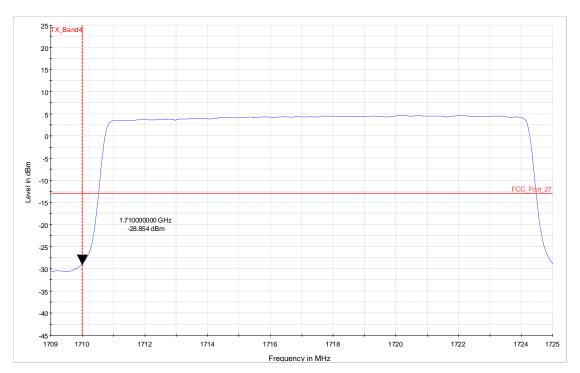
37.409a_BE_Band4_CH20025_BW-15MHz_RB1_QPSK_Low



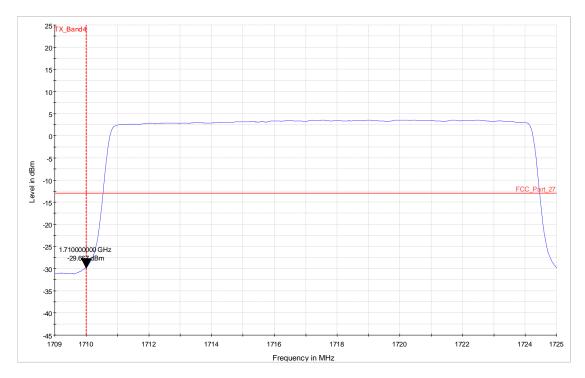
37.409b_BE_Band4_CH20025_BW-15MHz_RB1_16QAM_Low



37.410a_BE_Band4_CH20025_BW-15MHz_RB75_QPSK_Low

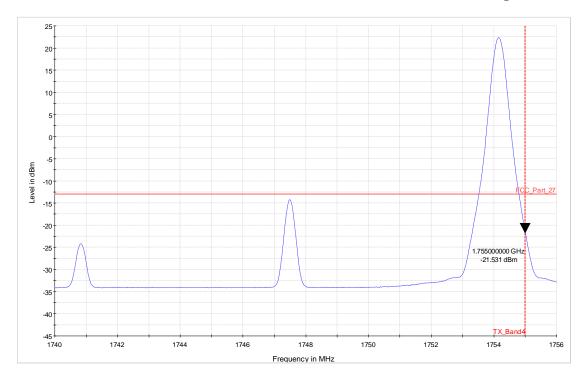


37.410b_BE_Band4_CH20025_BW-15MHz_RB75_16QAM_Low

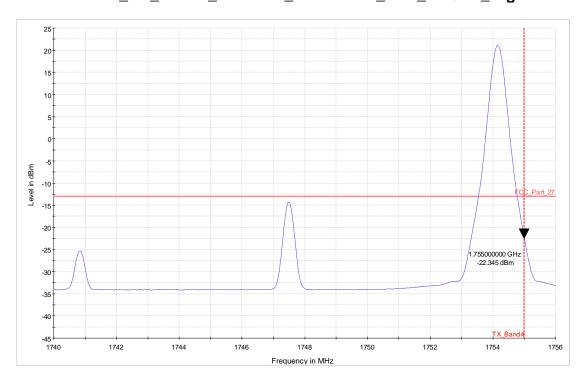


1.9.2. High band-edge

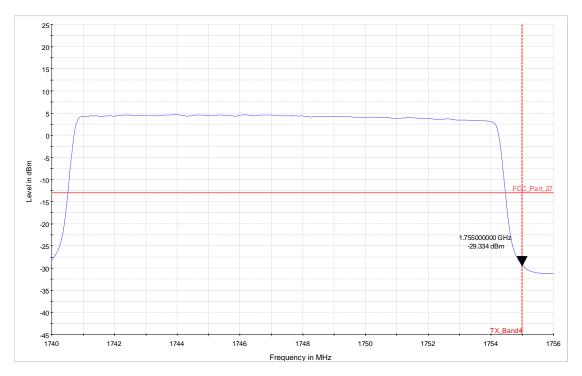
37.421a_BE_Band4_CH20325_BW-15MHz_RB1_QPSK_High



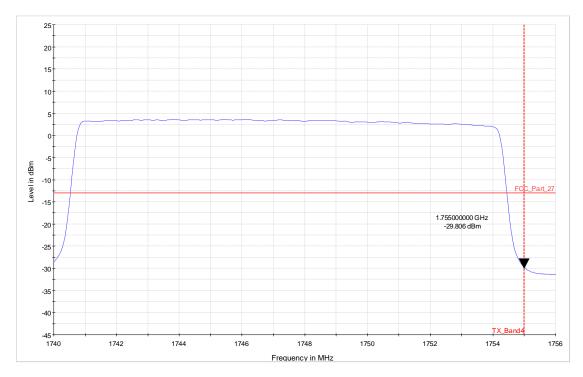
$37.421b_BE_Band4_CH20325_BW-15MHz_RB1_16QAM_High$



37.422a_BE_Band4_CH20325_BW-15MHz_RB75_QPSK_High



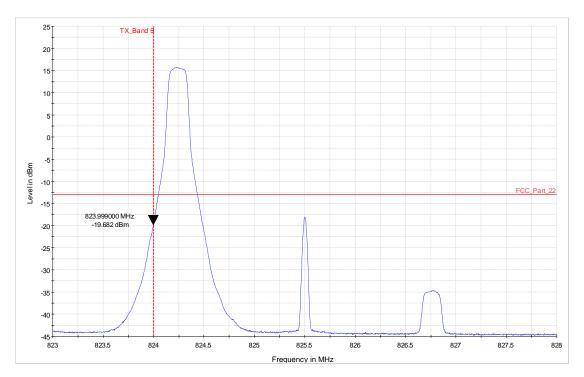
37.422b_BE_Band4_CH20325_BW-15MHz_RB75_16QAM_High



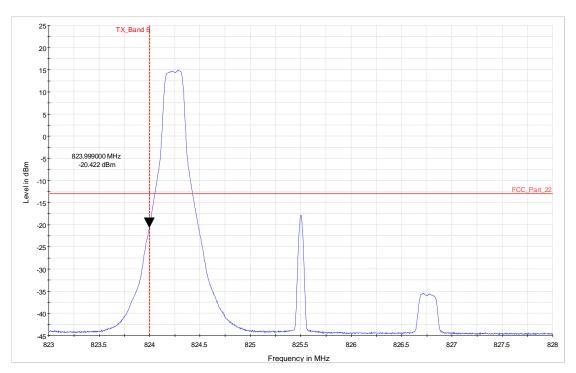
1.10. Band-edge LTE Band 5

1.10.1. Low band-edge

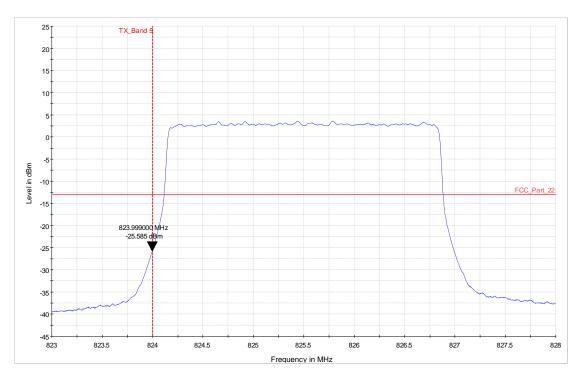
37.503a_BE_Band5_CH20415_BW-3MHz_RB1_QPSK_Low



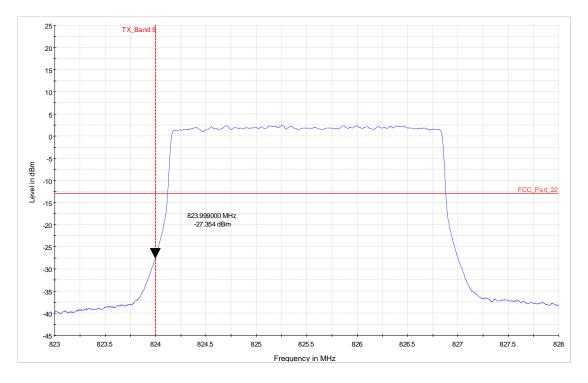
37.503b_BE_Band5_CH20415_BW-3MHz_RB1_16QAM_Low



37.504a_BE_Band5_CH20415_BW-3MHz_RB15_QPSK_Low

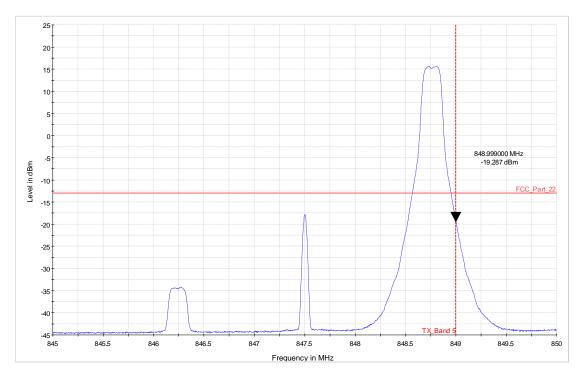


37.504b_BE_Band5_CH20415_BW-3MHz_RB15_16QAM_Low

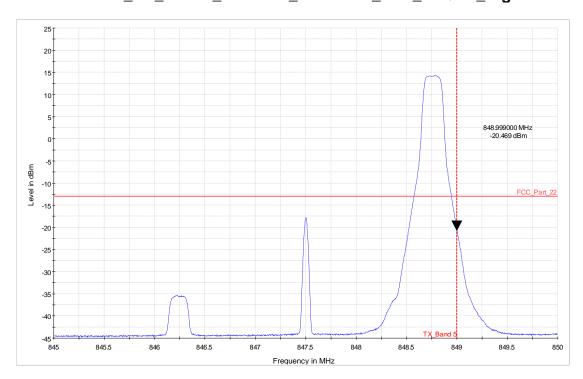


1.10.2. High band-edge

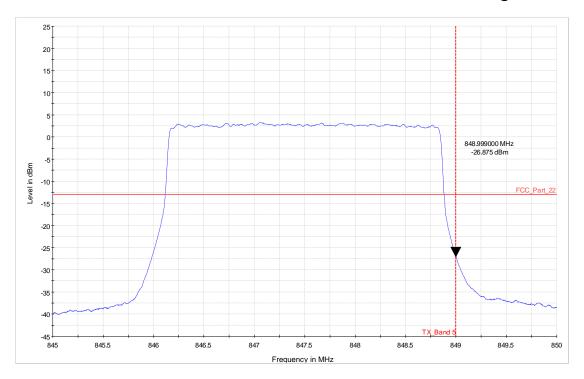
37.512a_BE_Band5_CH20635_BW-3MHz_RB1_QPSK_High



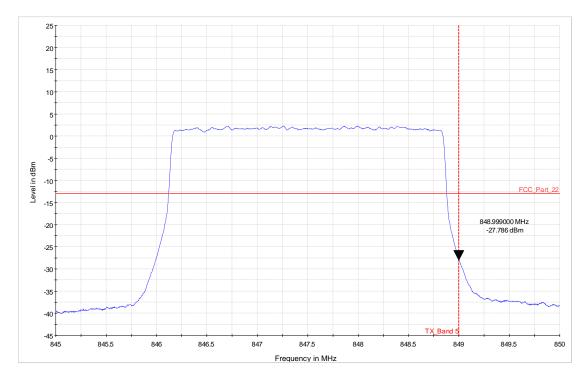
37.512b_BE_Band5_CH20635_BW-3MHz_RB1_16QAM_High



$37.513a_BE_Band5_CH20635_BW\text{-}3MHz_RB15_QPSK_High$



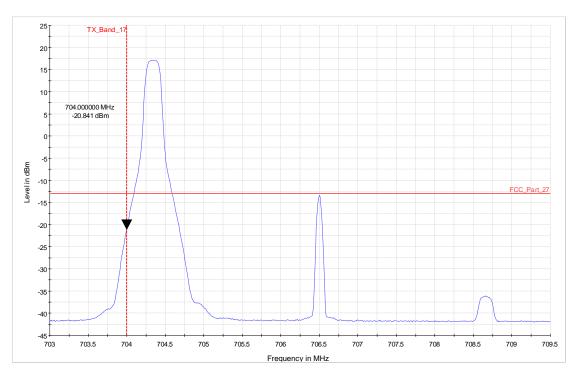
37.513b_BE_Band5_CH20635_BW-3MHz_RB15_16QAM_High



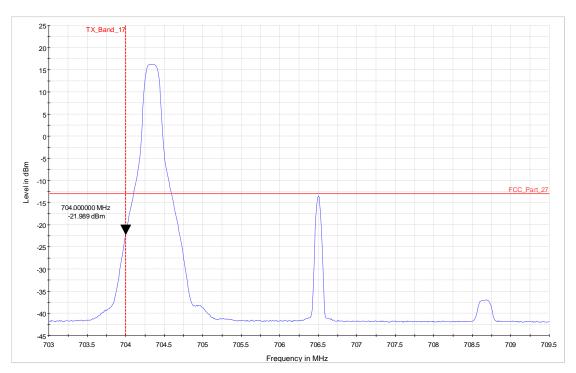
1.11. Band-Edge LTE Band 17

1.11.1. Low band-edge

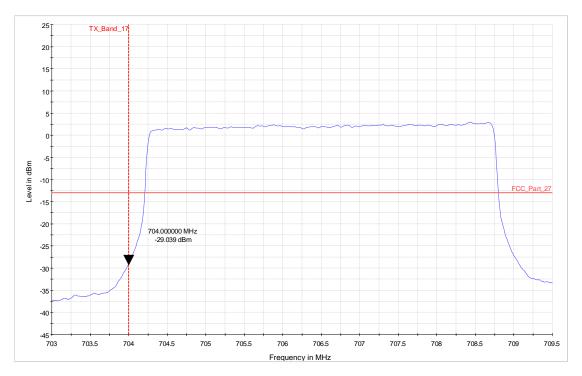
37.171a_BE_Band17_CH23755_BW-5MHz_RB1_QPSK_Low



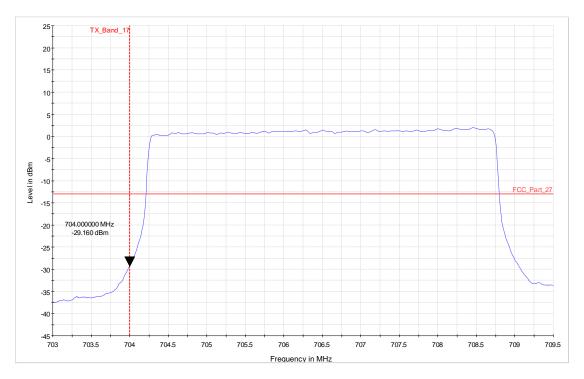
37.171b_BE_Band17_CH23755_BW-5MHz_RB1_16QAM_Low



37.172a_BE_Band17_CH23755_BW-5MHz_RB25_QPSK_Low

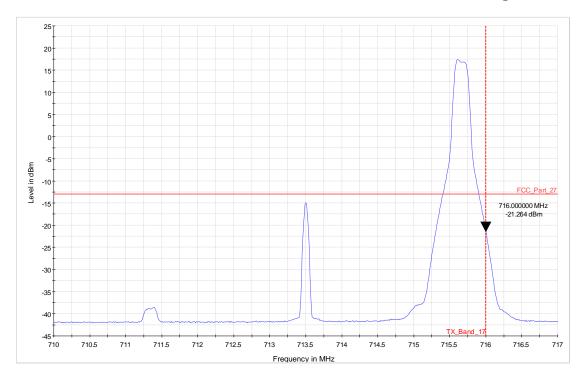


37.172b_BE_Band17_CH23755_BW-5MHz_RB25_16QAM_Low

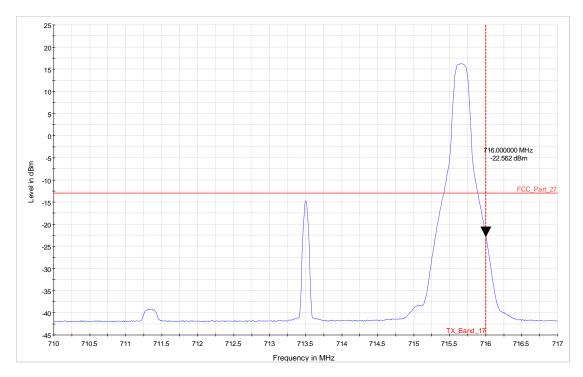


1.11.2. High band-edge

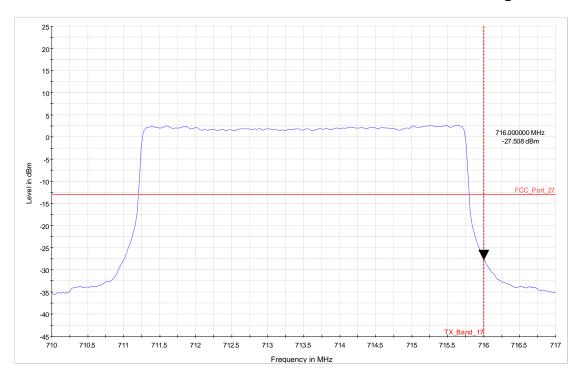
37.175a_BE_Band17_CH23825_BW-5MHz_RB1_QPSK_High



37.175b_BE_Band17_CH23825_BW-5MHz_RB1_16QAM_High



37.176a_BE_Band17_CH23825_BW-5MHz_RB25_QPSK_High



37.176b_BE_Band17_CH23825_BW-5MHz_RB25_16QAM_High

