

Annex 4: Measurement diagrams to  
**TEST REPORT**  
 No.: 6-0315-13-1-3c







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

**IC-Regulations**  
 RSS-132 Issue 3, RSS-133 Issue 5  
 RSS-139 Issue 2, RSS-Gen Issue 3

for  
 Peiker Acoustic GmbH & Co. KG

GSM/W-CDMA/LTE Module V1140-101  
 + Antenna US34105  
 (LTE-Mode)

FCC-ID: QWY-V1140-101  
 IC: 6588A-V1140101

Laboratory Accreditation and Listings			
 <b>DAkkS</b> Deutsche Akkreditierungsstelle D-PL-12047-01-01	 FEDERAL COMMUNICATIONS COMMISSION <b>FC</b> USA Reg. No.: 736496 MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
 <b>WiFi</b> ALLIANCE AUTHORIZED RF LABORATORY	 <b>CTIA Authorized Test Lab</b> LAB CODE 20011130-00		
accredited according to DIN EN ISO/IEC 17025			
<p align="center"> <b>CETECOM GmbH</b>            Laboratory Radio Communications &amp; 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         </p>			

## Table of contents:

<b>1. MEASUREMENT DIAGRAMS LTE-MODE</b> .....	<b>3</b>
1.1. Spurious emissions radiated (LTE Band II).....	3
1.2. Spurious emissions radiated (LTE Band IV) .....	8
1.3. Spurious emissions radiated (LTE Band V) .....	11
1.4. Spurious emissions radiated (LTE Band XVII).....	16
1.5. Radiated emissions – band-edge (LTE Band II).....	19
1.6. Radiated emissions – band-edge (LTE Band IV) .....	23
1.7. Radiated emissions – band-edge (LTE Band V).....	27
1.8. Radiated emissions – band-edge (LTE Band XVII) .....	31
1.9. 26dBc Emission bandwidth .....	35
1.10. 99% occupied bandwidth.....	53
1.11. Spurious emissions conducted (LTE Band II) .....	71
1.12. Spurious emissions conducted (LTE Band IV).....	83
1.13. Spurious emissions conducted (LTE Band XVII) .....	107
1.14. Conducted emissions – band - edge (LTE Band II).....	119
1.15. Conducted emissions – band - edge (LTE Band IV) .....	123
1.16. Conducted emissions – band - edge (LTE Band V).....	127
1.17. Conducted emissions – band - edge (LTE Band XVII).....	131

# 1. Measurement diagrams LTE-mode

## 1.1. Spurious emissions radiated (LTE Band II)

### 8.20a\_RSE\_R\_Ch18607\_BW1.4\_RB1\_standing

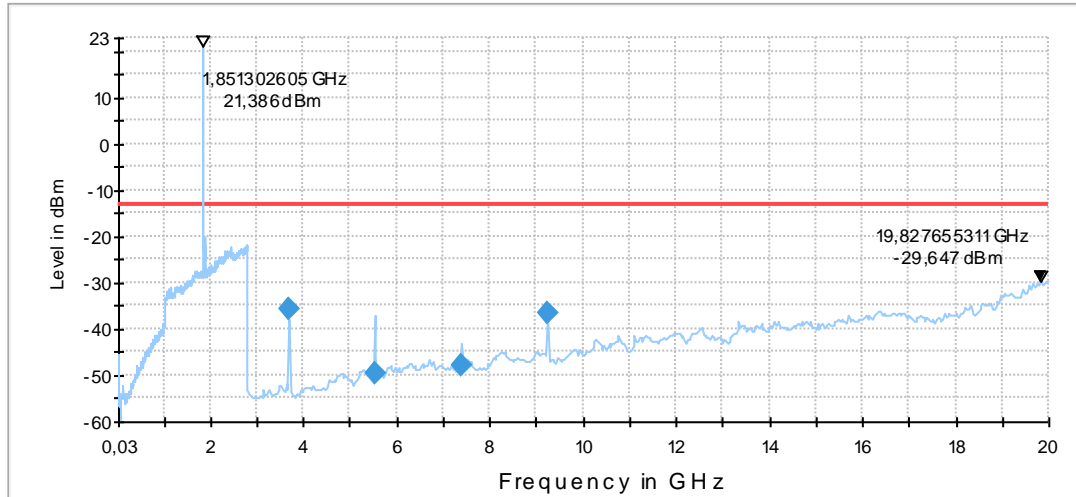
#### Common Information

Test Description: Radiated Spurious Emissions UMTS FDDII  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 24  
 Operating Mode: UE allocated channel 18607; BW1,4 MHz; 1 RB  
 Environmental Conditions: Humidity: 52%rH; Temperature:27°C  
 Operator: YZH  
 Remarks: EUT- standing position

#### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030416\_FCC\_Part24\_-LTE II\_TX\_all\_channels\_30M-20G\_no\_kipp



#### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margi n (dB)	Limit (dBm)	Com ment
3700.576153	-35.6	10000.0	1000.000	V	9.0	-94.9	22.6	-13.0	
5530.586172	-49.7	10000.0	1000.000	V	7.0	-89.9	36.7	-13.0	
7393.512025	-47.7	10000.0	1000.000	V	32.0	-84.3	34.7	-13.0	

## 8.20b\_RSE\_R\_Ch18607\_BW1.4\_RB1\_laying

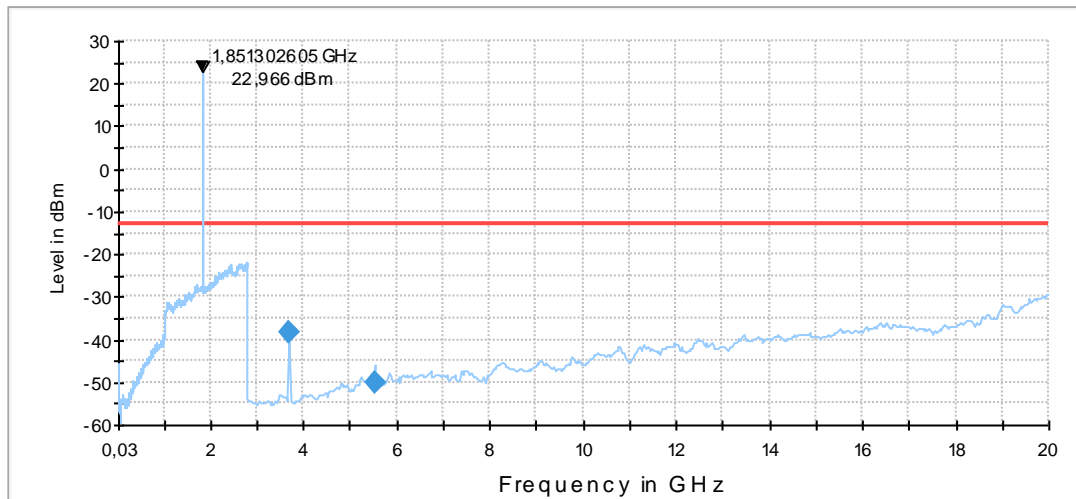
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDII  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 24  
 Operating Mode: UE allocated channel 9262  
 Environmental Conditions: Humidity: 24%rH; Temperature: 43°C  
 Operator: Hla

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030416\_FCC\_Part24\_-LTEII\_TX\_all\_channels\_30M-20G\_no\_kipp



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margi n (dB)	Limit (dBm)	Com ment
3700.576153	-38.5	10000.0	1000.000	V	162.0	-94.9	25.5	-13.0	
5529.934870	-50.3	10000.0	1000.000	V	16.0	-89.9	37.3	-13.0	

## 8.21a\_RSE\_R\_Ch18900\_BW5\_RB10\_standing

### Common Information

Test Description: Radiated Spurious Emissions UMTS FDDII  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 24  
 Operating Mode: UE allocated channel 18900; BW5 MHz; RB 10  
 Environmental Conditions: Humidity: 52%rH; Temperature:27°C  
 Operator: YZH

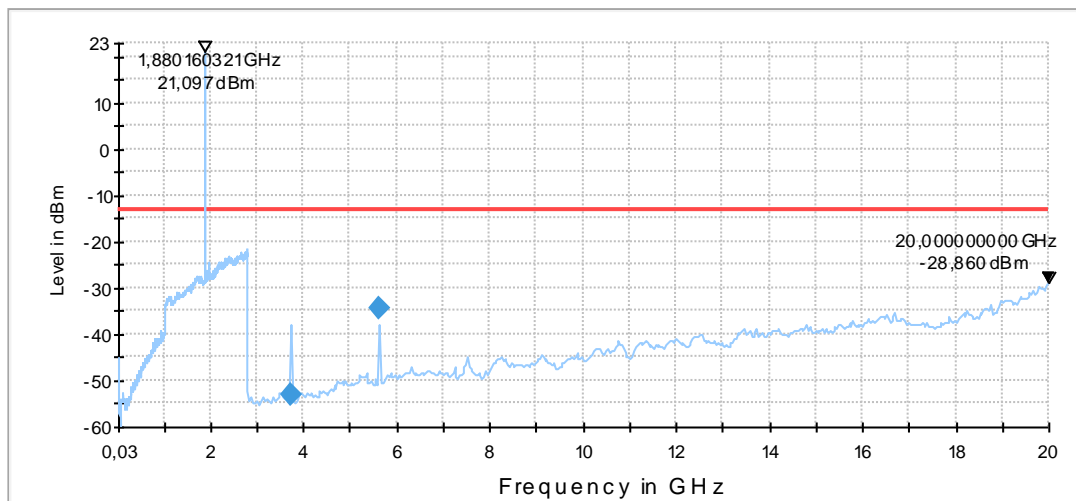
### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE

---

EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030416\_FCC\_Part24\_-LTEII\_TX\_all\_channels\_30M-20G\_no\_kipp



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)	Comment
3723.421844	-53.3	10000.0	1000.000	V	24.0	-95.0	40.3	-13.0	
5636.047094	-34.2	10000.0	1000.000	V	9.0	-89.7	21.2	-13.0	

## 8.21b\_RSE\_R\_Ch18900\_BW5\_RB10\_laying

### Common Information

Test Description: Radiated Spurious Emissions LTE FDDII  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 24  
 Operating Mode: UE allocated channel 9262  
 Environmental Conditions: Humidity: 24%rH; Temperature: 43°C  
 Operator: Hla

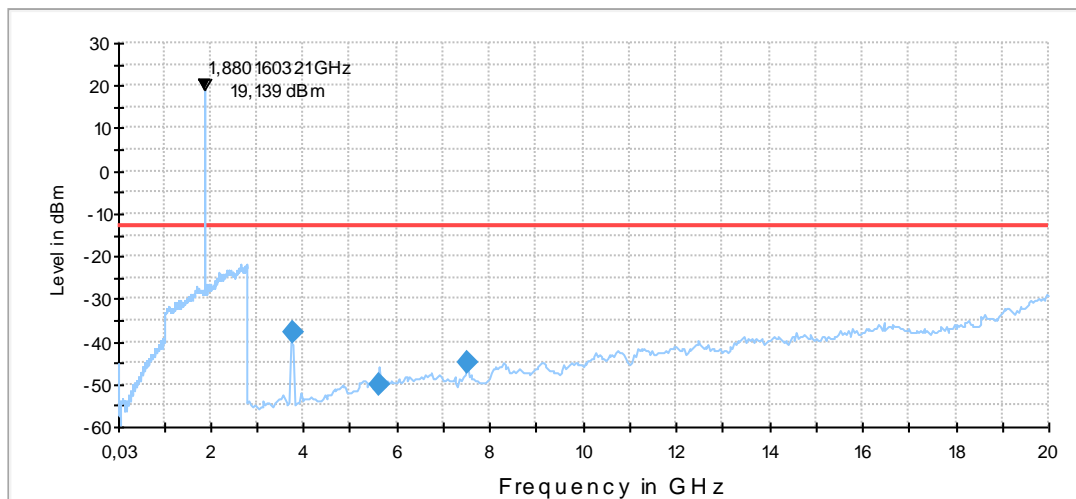
### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE

---

EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030416\_FCC\_Part24\_-LTEII\_TX\_all\_channels\_30M-20G\_no\_kipp



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
3762.650301	-38.0	10000.0	1000.000	155.0	V	275.0	-95.1	25.0	-13.0
5618.361724	-50.1	10000.0	1000.000	155.0	V	184.0	-89.8	37.1	-13.0
7527.379760	-45.0	10000.0	1000.000	155.0	V	135.0	-83.4	32.0	-13.0

(continuation of the "Final Result 1" table from column 10 ...)

Frequency (MHz)	Comment
3762.650301	
5618.361724	
7527.379760	

## 8.22\_RSE\_R\_Ch19100\_BW20\_RB100

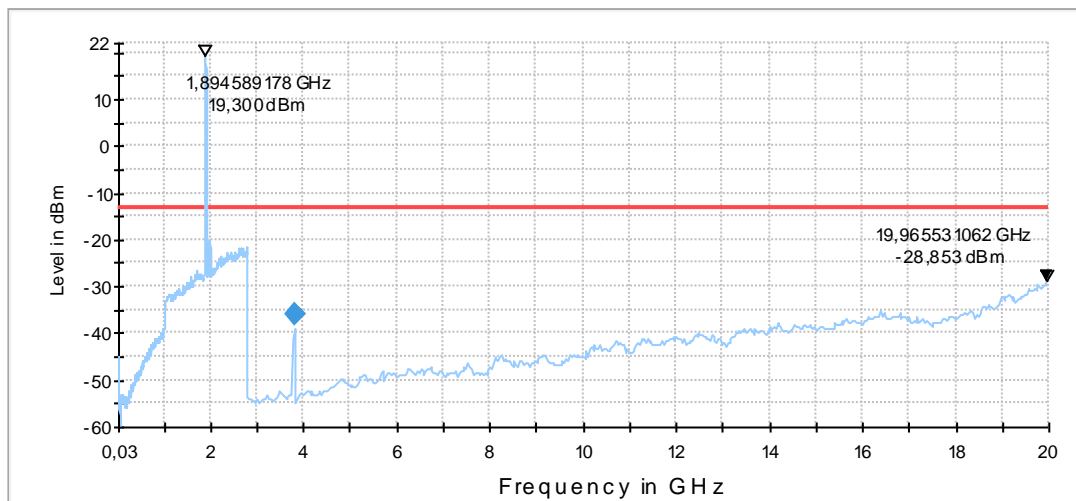
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDII  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 24  
 Operating Mode: Channel 19100, BW 20 MHz, RB 100  
 Environmental Conditions: Humidity: 72%rH; Temperature: 20°C  
 Operator: YZH

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030416\_FCC\_Part24\_-LTE II\_TX\_all\_channels\_30M-20G



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
3800.125250	-35.8	10000.0	1000.000	H	288.0	90.0	-95.2	22.8	-13.0

## 1.2. Spurious emissions radiated (LTE Band IV)

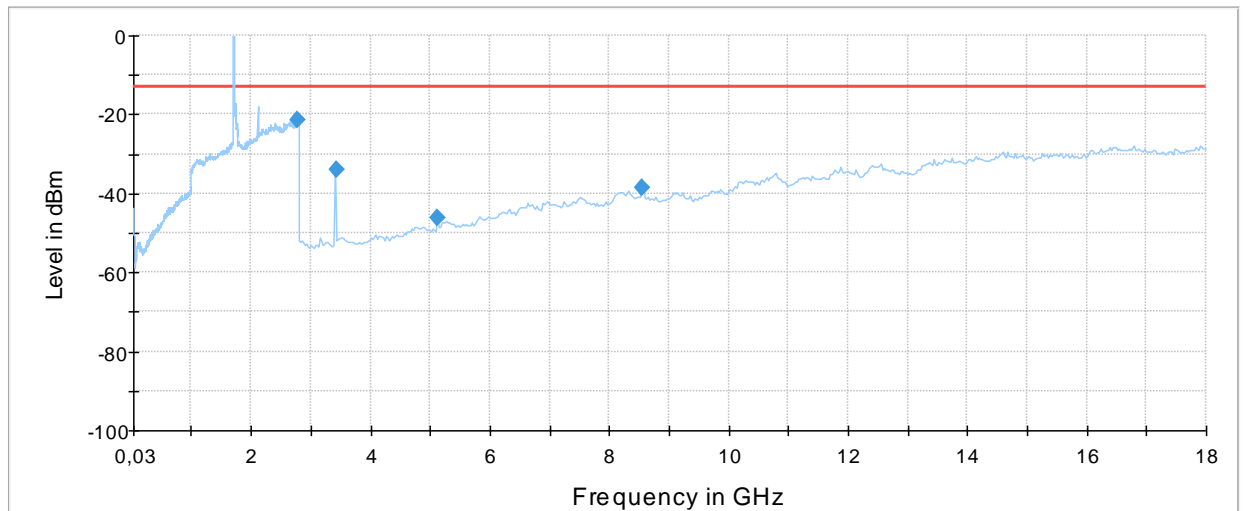
### 8.40\_RSE\_R\_Ch19957\_BW\_1\_4\_QSPK

#### Common Information

Test Description:	Radiated Spurious Emissions LTE FDDIV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	TX-MODE, Channel 20175
Environmental Conditions:	Humidity: 55%rH; Temperature: 24°C
Operator:	Lor/ABA

#### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4





## 8.41\_RSE\_R\_Ch20175\_BW10\_QSPK

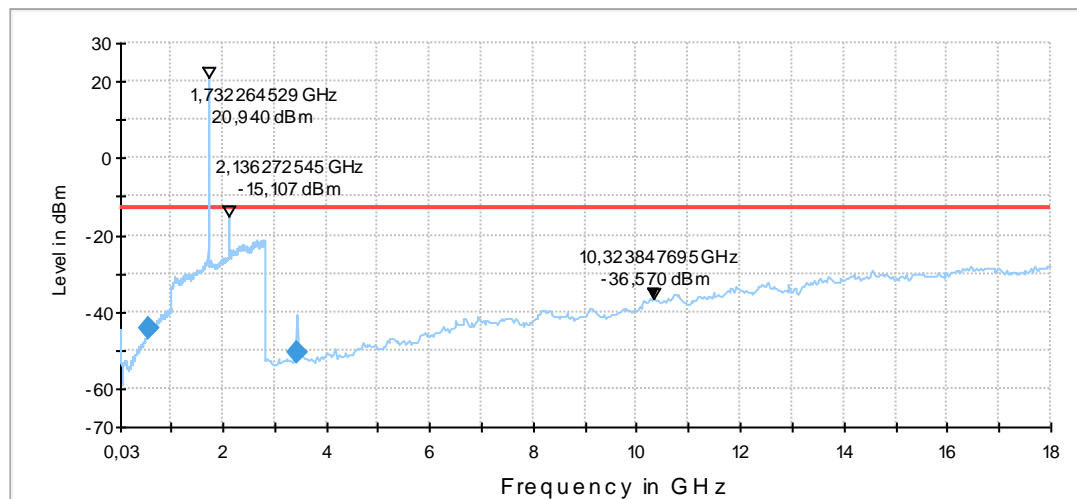
### Common Information

Test Description:	Radiated Spurious Emissions LTE FDDIV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	TX-MODE, Channel 20175
Environmental Conditions:	Humidity: 55%rH; Temperature: 24°C
Operator:	Lor/ABA

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030419\_FCC\_Part27\_LTEIV\_TX\_all\_channels\_30M-18G



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
579.949900	-44.2	10000.0	1000.000	H	77.0	90.0	-79.1	31.2	-13.0
3454.078157	-50.4	10000.0	1000.000	V	16.0	90.0	-94.3	37.4	-13.0

## 8.42\_RSE\_R\_Ch20393\_BW20\_QSPK

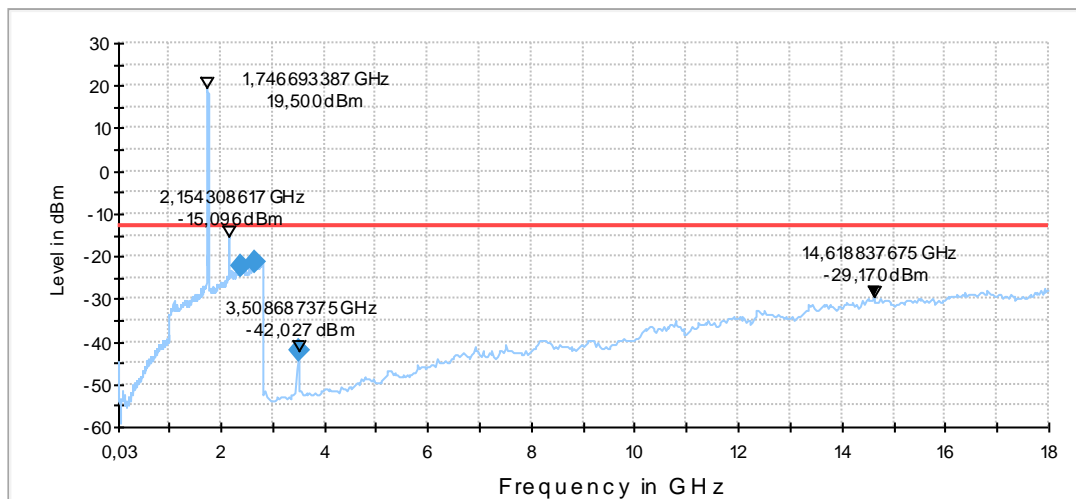
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDIV  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 27  
 Operating Mode: TX-MODE, Channel 20393  
 Environmental Conditions: Humidity: 54%rH; Temperature: 24°C  
 Operator: ABA

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030419\_FCC\_Part27\_LTEIV\_TX\_all\_channels\_30M-18G



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
2410.090180	-22.4	10000.0	1000.000	V	16.0	0.0	-59.8	9.4	-13.0
2652.735471	-21.5	10000.0	1000.000	V	225.0	0.0	-58.5	8.5	-13.0
3508.687375	-42.0	10000.0	1000.000	V	12.0	90.0	-93.5	29.0	-13.0

### 1.3. Spurious emissions radiated (LTE Band V)

#### 8.50a\_RSE\_R\_Ch20407\_BW1.4\_RB1\_standing

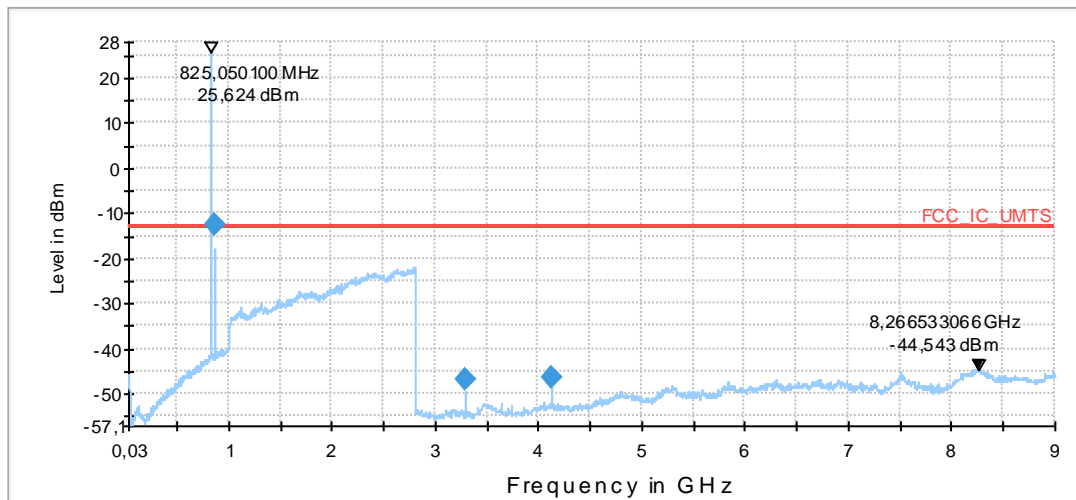
##### Common Information

Test Description:	Radiated Spurious Emissions LTE FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 20407; BW51,4 MHz; RB 1
Environmental Conditions:	Humidity: 52%rH; Temperature:27°C
Operator:	YZH
Remarks:	EUT- standing position

##### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDDV\_TX\_all\_channels\_30M-12G\_no\_kipp



##### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margi n (dB)	Limit (dBm)	Com ment
869.709419	-12.4	10000.0	1000.000	H	37.0	-75.7	-0.6	-13.0	
3297.164328	-46.7	10000.0	1000.000	V	39.0	-95.7	33.7	-13.0	
4121.392786	-46.2	10000.0	1000.000	V	315.0	-93.3	33.2	-13.0	

## 8.50b\_RSE\_R\_Ch20407\_BW1.4\_RB1\_laying

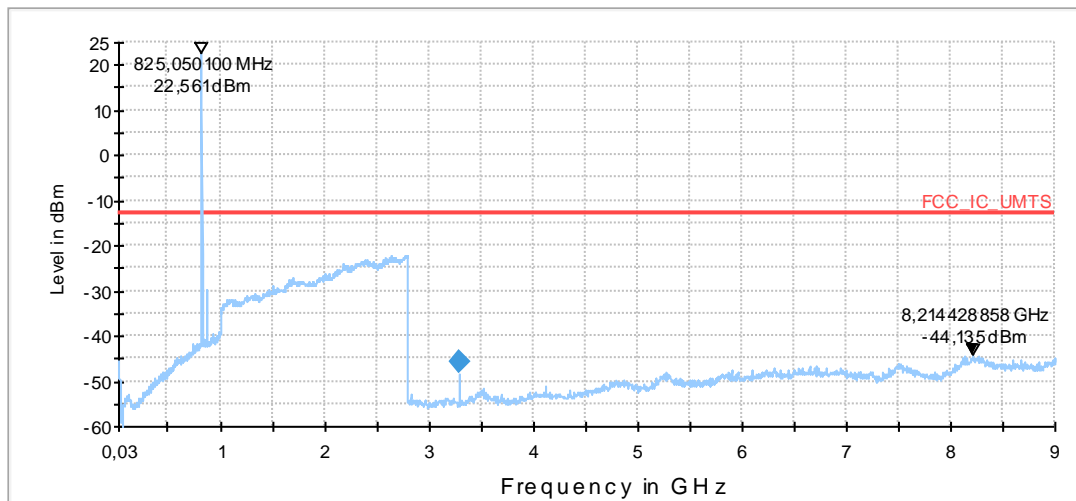
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDV  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 22.917(a)  
 Operating Mode: UE allocated channel 20407; BW51,4 MHz; RB 1  
 Environmental Conditions: Humidity: 52%rH; Temperature:27°C  
 Operator: YZH  
 Remarks: EUT - laying position

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDDV\_TX\_all\_channels\_30M-12G\_no\_kipp



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)	Comment
3296.923847	-46.0	10000.0	1000.000	V	227.0	-95.7	33.0	-13.0	

## 8.51a\_RSE\_R\_Ch20525\_BW5\_RB10\_standing

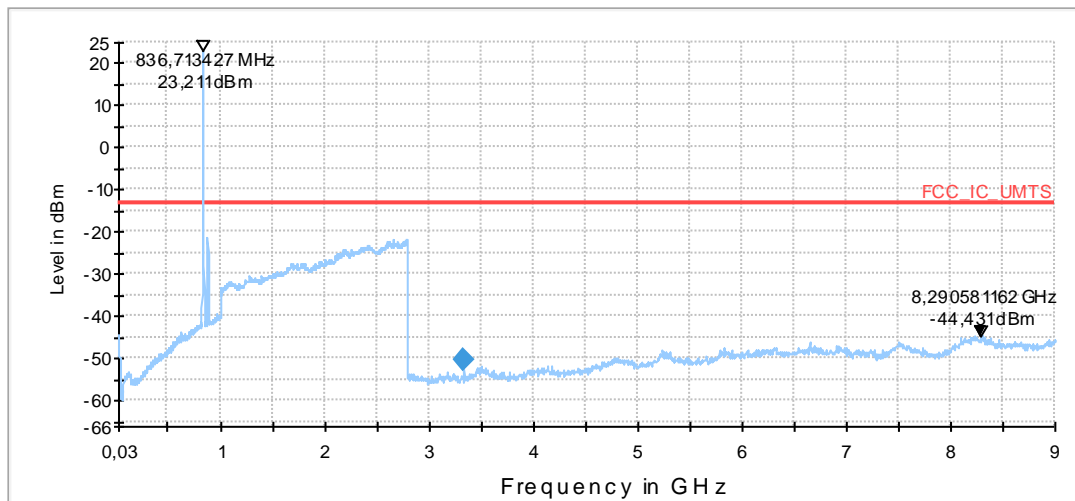
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDV  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 22.917(a)  
 Operating Mode: UE allocated channel 20407; BW51,4 MHz; RB 1  
 Environmental Conditions: Humidity: 52%rH; Temperature:27°C  
 Operator: YZH  
 Remarks: EUT- standing position

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDDV\_TX\_all\_channels\_30M-12G\_no\_kipp



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margi n (dB)	Limit (dBm)	Com ment
3340.951904	-50.3	10000.0	1000.000	V	226.0	-95.6	37.3	-13.0	

## 8.51b\_RSE\_R\_Ch20525\_BW5\_RB10\_laying

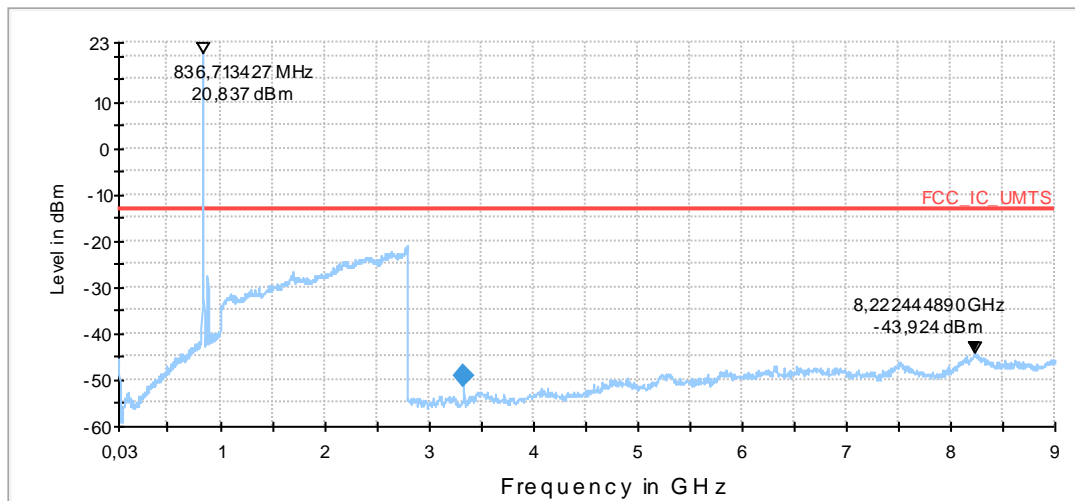
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDV  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 22.917(a)  
 Operating Mode: UE allocated channel 20407; BW51,4 MHz; RB 1  
 Environmental Conditions: Humidity: 52%rH; Temperature:27°C  
 Operator: YZH  
 Remarks: EUT - laying position

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDDV\_TX\_all\_channels\_30M-12G\_no\_kipp



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margi n (dB)	Limit (dBm)	Com ment
3340.531062	-49.3	10000.0	1000.000	V	219.0	-95.6	36.3	-13.0	

## 8.52\_RSE\_R\_Ch20600\_BW10\_QPSK

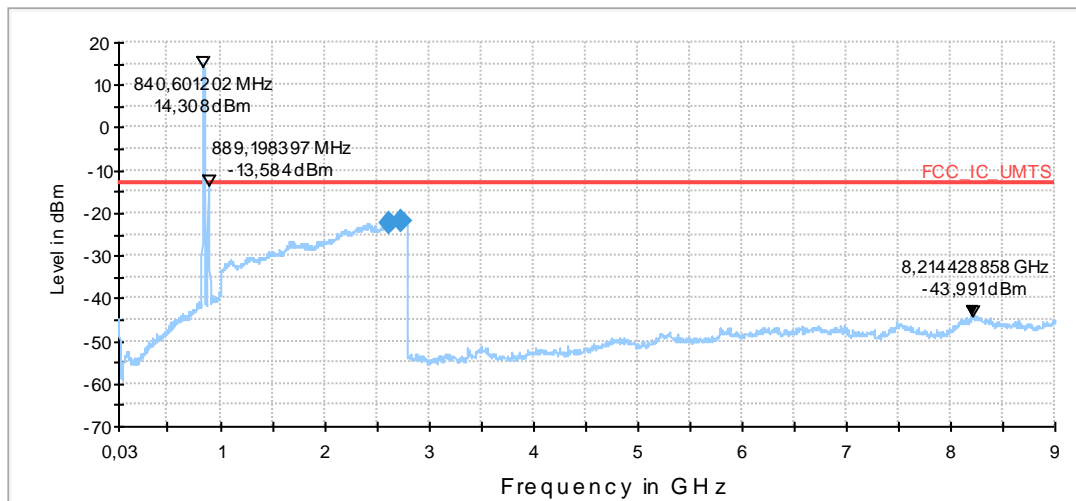
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDV  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 22.917(a)  
 Operating Mode: TX-MODE, Channel 20600  
 Environmental Conditions: Humidity: 60%rH; Temperature: 22,9°C  
 Operator: Lor/ABA  
 Remarks: Uplink/Downlink BCH/TCH on diagram

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDDV\_TX\_all\_channels\_30M-12G



### Final Measurement Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Band width (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Comment
2739.368737	-22.0	10000.0	1000.000	H	174.0	90.0	-57.8	
2622.935872	-22.3	10000.0	1000.000	V	49.0	90.0	-58.8	

## 1.4. Spurious emissions radiated (LTE Band XVII)

### 8.171\_RSE\_R\_Ch23755\_BW5\_1RB\_QSPK

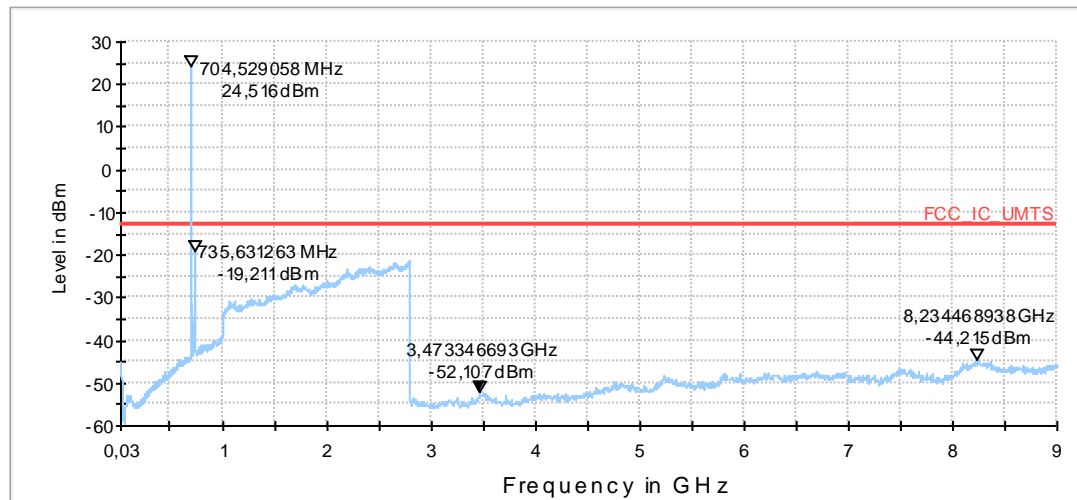
#### Common Information

Test Description:	Radiated Spurious Emissions LTE FDDXVII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 23755; BW5 MHz; RB 1
Environmental Conditions:	Humidity: 54%rH; Temperature: 24°C
Operator:	ada

#### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDD V\_TX\_all\_channels\_30M-12G





## 8.172\_RSE\_R\_Ch23790\_BW5\_QSPK

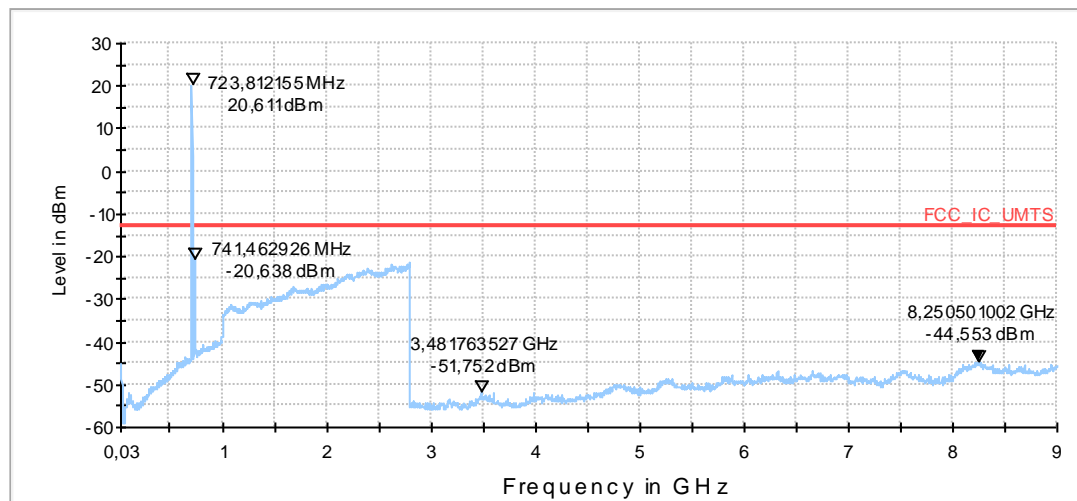
### Common Information

Test Description:	Radiated Spurious Emissions LTE FDDXVII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22.917(a)
Operating Mode:	UE allocated channel 23790; BW5 MHz; RB 10
Environmental Conditions:	Humidity: 54%rH; Temperature: 24°C
Operator:	ada

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDD V\_TX\_all\_channels\_30M-12G



## 8.173\_RSE\_R\_Ch23800\_BW10\_50RB\_QSPK

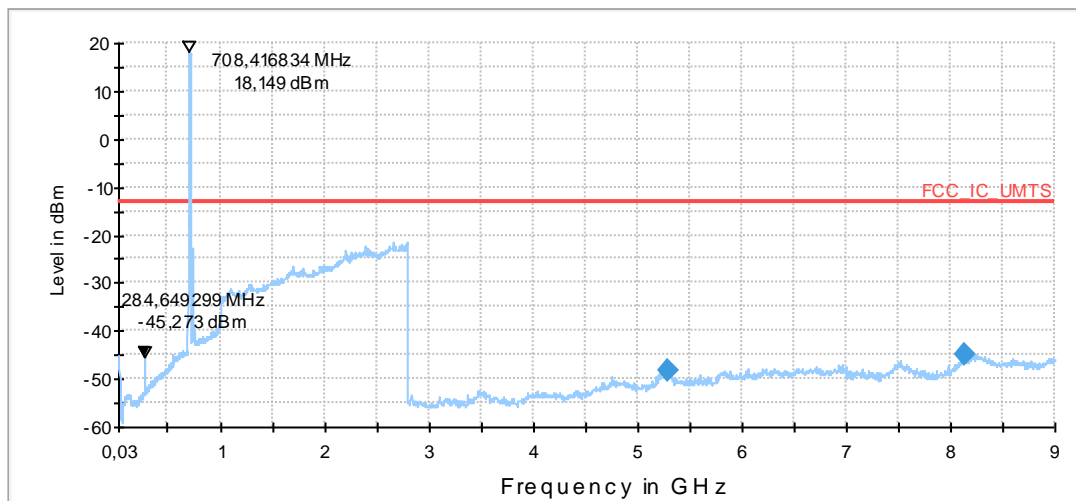
### Common Information

Test Description: Radiated Spurious Emissions LTE FDDXVII  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 22.917(a)  
 Operating Mode: UE allocated channel 23800; BW10 MHz; RB 50  
 Environmental Conditions: Humidity: 54%rH; Temperature: 24°C  
 Operator: ada

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030411\_FCC\_Part22\_UMTS-FDD V\_TX\_all\_channels\_30M-12G



### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
5295.320641	-48.1	10000.0	1000.000	H	321.0	90.0	-88.7	35.1	-13.0
8134.098196	-45.1	10000.0	1000.000	H	163.0	0.0	-81.9	32.1	-13.0

## 1.5. Radiated emissions – band-edge (LTE Band II)

### 9.203a\_BE\_R\_Ch18615\_BW3\_1RB\_QPSK

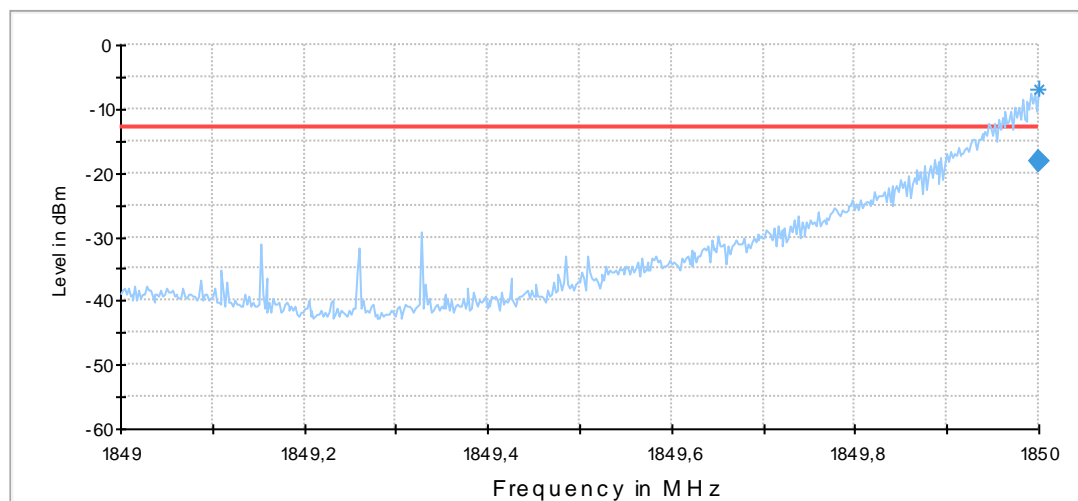
#### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	UE allocated channel 18615
Environmental Conditions:	Humidity: 43%RH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

#### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030418\_FCC\_LTE2\_TX\_Ch18615\_low\_band\_edge\_BW 3MHz



#### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1850.000000	-18.1	1000.0	30.000	H	287.0	90.0	-63.1	5.1	-13.0

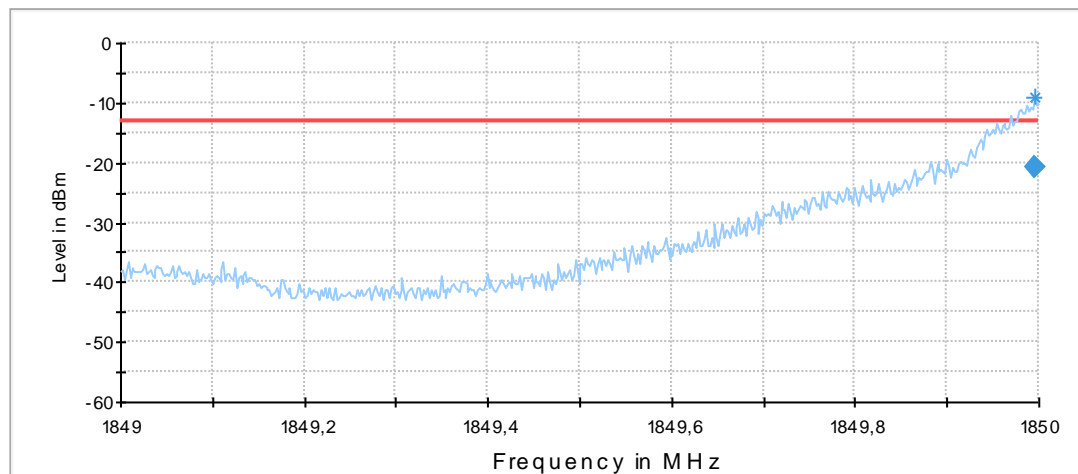
## 9.203b\_BE\_R\_Ch18615\_BW3\_1RB\_QAM

### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	UE allocated channel 18615
Environment Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator Name:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth h (kHz)	Polarization	Azimuth h (deg)	Elevation n (deg)	Corr. (dB)	Marginal n (dB)	Limit (dBm)
1849.995992	-20.7	1000.0	30.000	H	59.0	90.0	-63.1	7.7	-13.0

## 9.215a\_BE\_R\_Ch19185\_BW3\_1RB\_QPSK

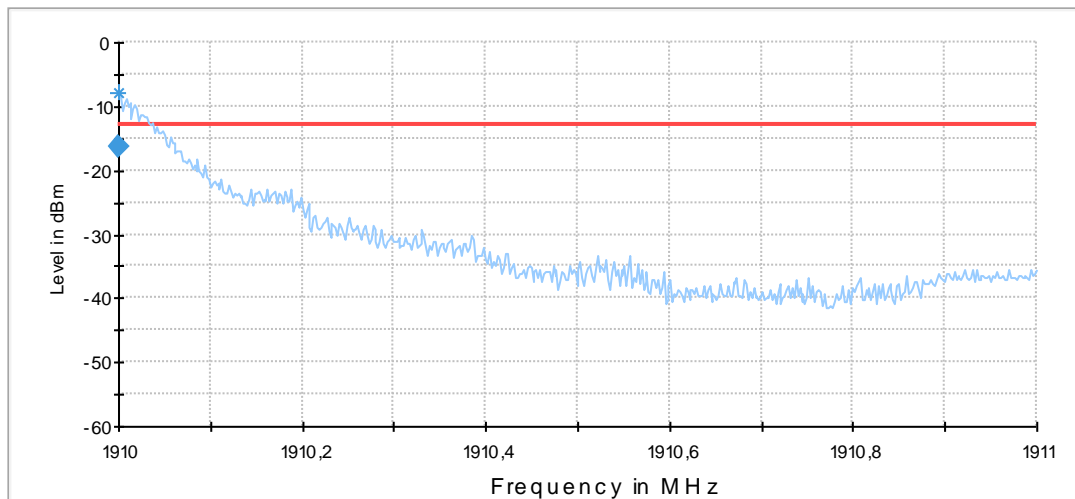
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	UE allocated channel 19185
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030424\_FCC\_LTE2\_TX\_Ch19185\_high\_band\_edge\_BW 3MHz



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1910.000000	-16.3	1000.0	30.000	H	69.0	90.0	-62.8	3.3	-13.0

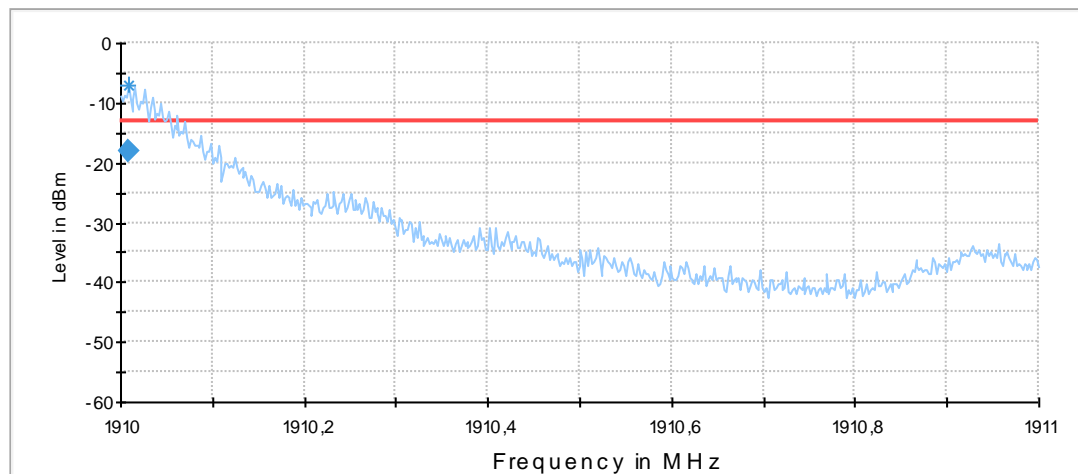
## 9.215b\_BE\_R\_Ch19185\_BW3\_1RB\_QAM

### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	UE allocated channel 19185
Environment Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator Name:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1910.008016	-18.2	1000.0	30.000	H	63.0	90.0	-62.8	5.2	-13.0

## 1.6. Radiated emissions – band-edge (LTE Band IV)

### 9.520a\_BE\_R\_Ch19965\_BW3\_1RB\_QPSK

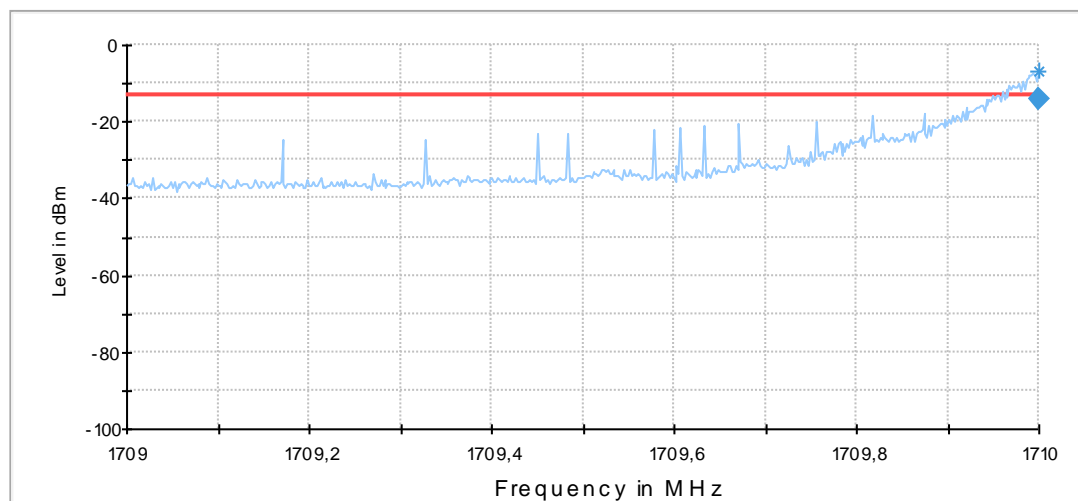
#### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDIV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 19965
Environmental Conditions:	Humidity: 43%RH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

#### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030421\_FCC\_Part27\_LTE4\_Ch19965\_BE\_low\_BW3



#### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1710.000000	-14.4	100.0	30.000	H	67.0	90.0	-63.4	1.4	-13.0

## 9.520b\_BE\_R\_Ch19965\_BW3\_1RB\_QAM

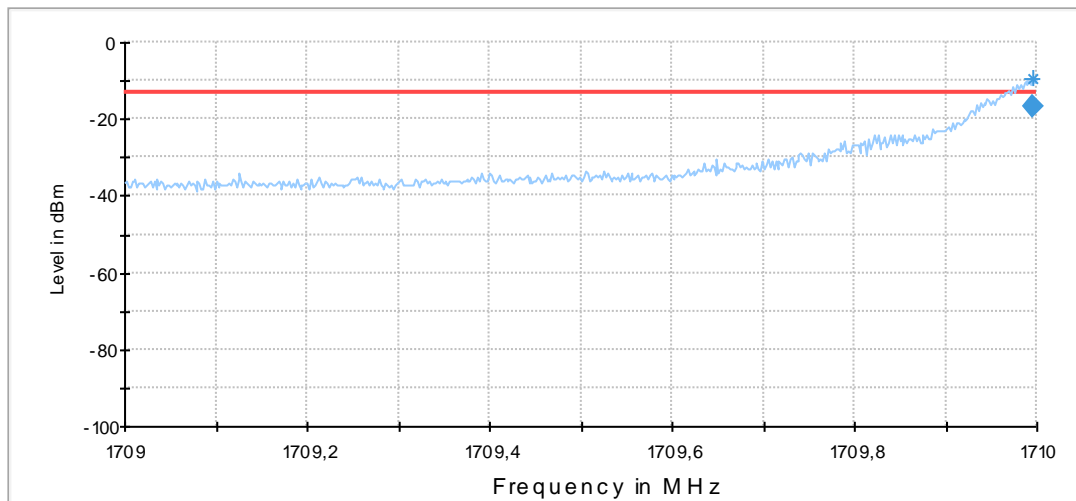
### Common Information

Test Description: Band-Edge low - Radiated Spurious Emissions UMTS FDDIV  
 Test Site Location: CETECOM GmbH Essen  
 Test Site: Fully Anechoic Room (FAR)  
 Test Standard: FCC Part 27  
 Operating Mode: UE allocated channel 19965  
 Environmental Conditions: Humidity: 43%rH; Temperature: 24,6°C  
 Operator: Oou  
 Remarks: --

### EUT Information

Manufacturer: Peiker  
 Model: Wireless Module  
 Type: GSM/E-GPRS/W-CDMA/LTE  
 -----  
 EUT: PKD0424AB0o  
 HW version: 3.0  
 SW version: M9615A-CETWTAZM-5.0.17006  
 SVN: -  
 Config: -  
 Serial number: US#405V1140-101HW1613  
 Connected Interfaces: -  
 Power Supply: 3.8V DC  
 Comments: IMEI no. 004402-58-000004-4

030421\_FCC\_Part27\_LTE4\_Ch19965\_BE\_low\_BW3



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1709.995992	-16.8	100.0	30.000	H	65.0	90.0	-63.3	3.8	-13.0



## 9.532a\_BE\_R\_Ch20385\_BW3\_1RB\_QPSK

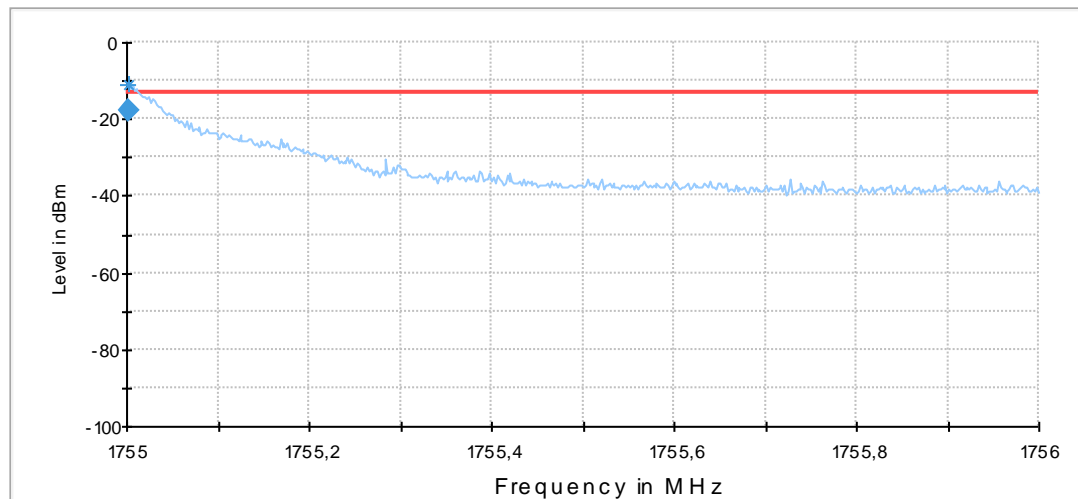
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDIV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 20385
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030427\_FCC\_Part27\_LTE4\_Ch20385\_BE\_High\_BW 3



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1755.002004	-18.0	100.0	30.000	H	305.0	90.0	-63.6	5.0	-13.0

## 9.532b\_BE\_R\_Ch20385\_BW3\_1RB\_QAM

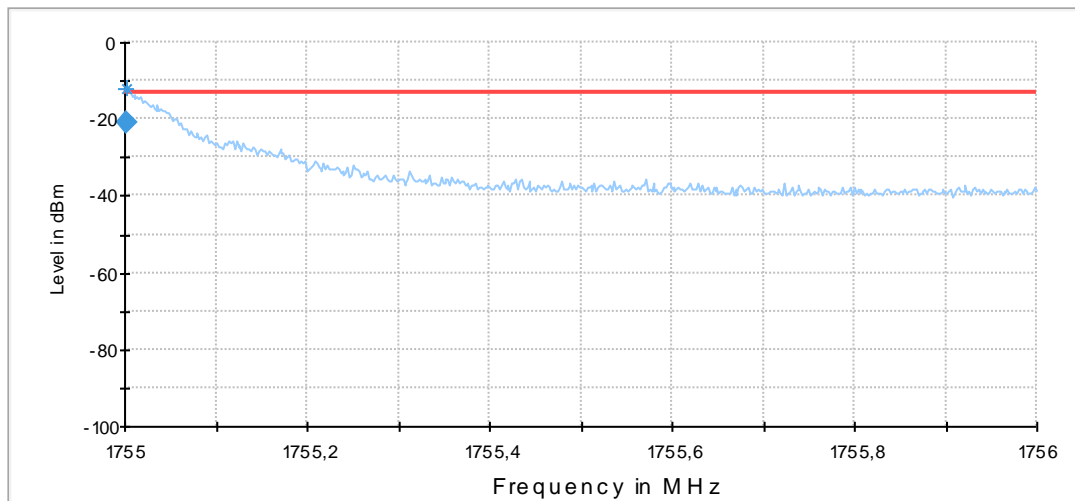
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS FDDIV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 20385
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030427\_FCC\_Part27\_LTE4\_Ch20385\_BE\_High\_BW 3



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
1755.002004	-21.2	100.0	30.000	V	-24.0	0.0	-63.6	8.2	-13.0

## 1.7. Radiated emissions – band-edge (LTE Band V)

### 9.506a\_BE\_R\_Ch20625\_BW5\_1RB\_QAM

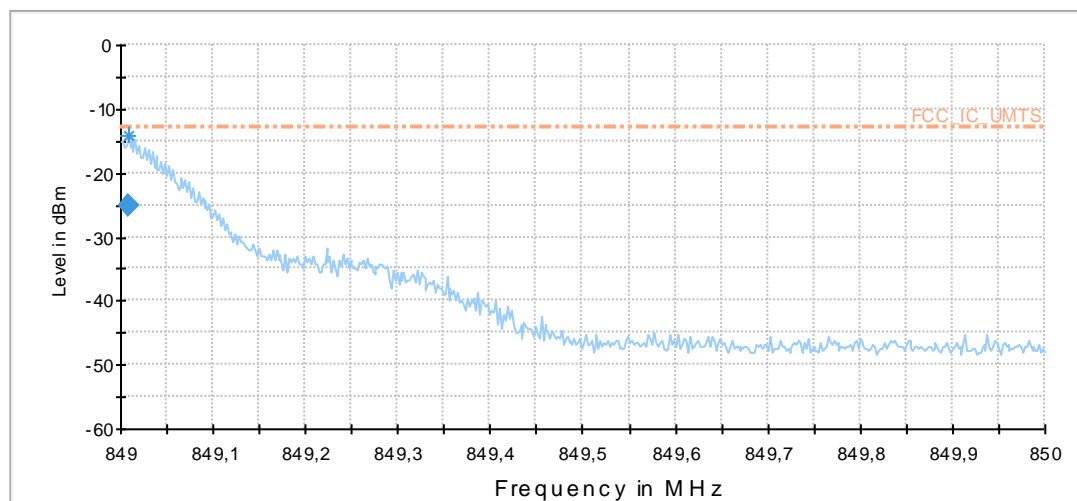
#### Common Information

Test Description:	Band-Edge high - Radiated Spurious Emissions LTE FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22
Operating Mode:	UE allocated channel 20625
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

#### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030420\_FCC\_Part22\_LTE\_Bd5\_TX\_Ch20625\_BE\_high\_BW\_5



#### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
849.008016	-25.1	100.0	50.000	H	309.0	90.0	-76.0	12.1	-13.0

## 9.506a\_BE\_R\_Ch20625\_BW5\_1RB\_QPSK

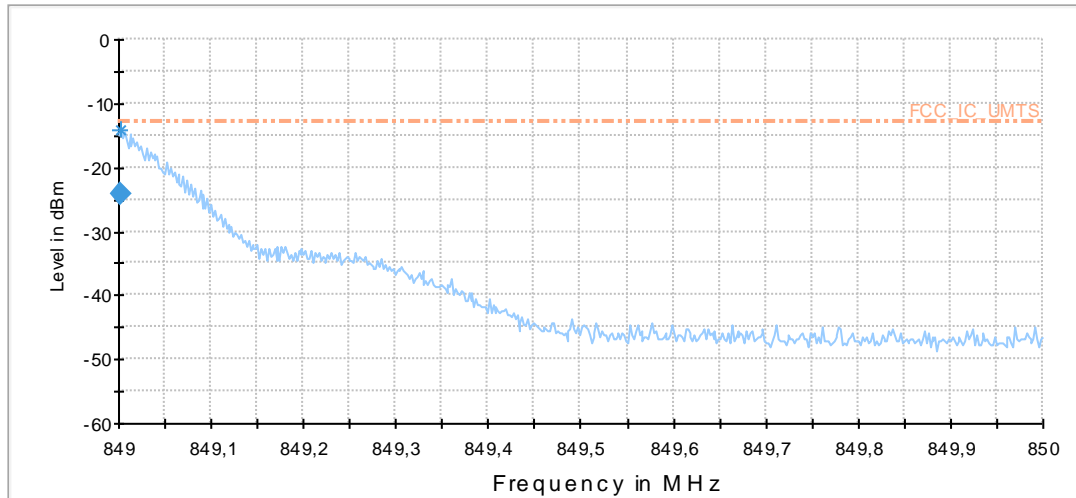
### Common Information

Test Description:	Band-Edge high - Radiated Spurious Emissions LTE FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22
Operating Mode:	UE allocated channel 20625
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030420\_FCC\_Part22\_LTE\_Bd5\_TX\_Ch20625\_BE\_high\_BW\_5



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
849.002004	-24.2	100.0	50.000	H	312.0	90.0	-76.0	11.2	-13.0

## 9.512a\_BE\_R\_Ch20415\_BW3\_1RB\_QPSK

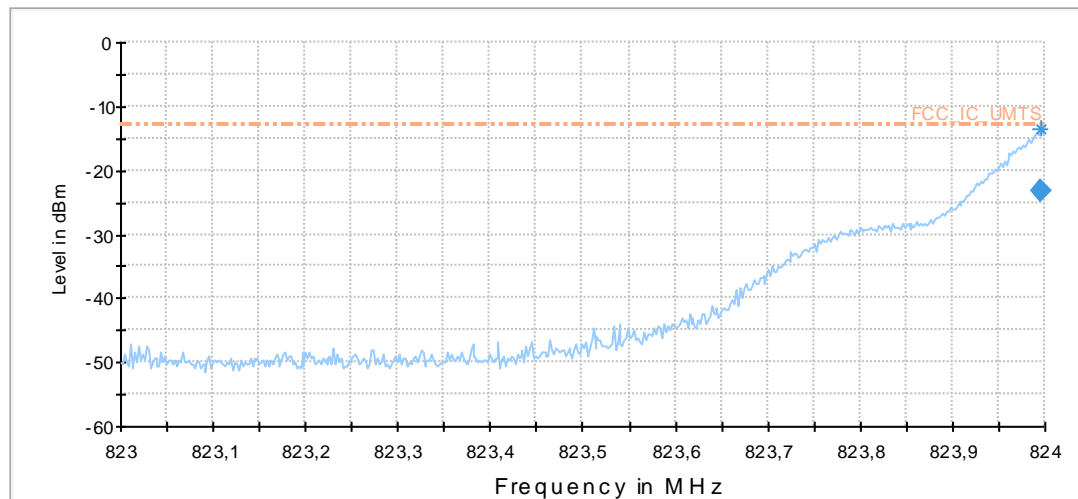
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22
Operating Mode:	UE allocated channel 20415
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030415\_FCC\_Part22\_LTE\_Bd5\_TX\_Ch20415\_BE\_low\_BW\_3



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
823.995992	-23.3	100.0	30.000	H	306.0	90.0	-75.9	10.3	-13.0

## 9.514b\_BE\_R\_Ch20425\_BW5\_1RB\_QAM

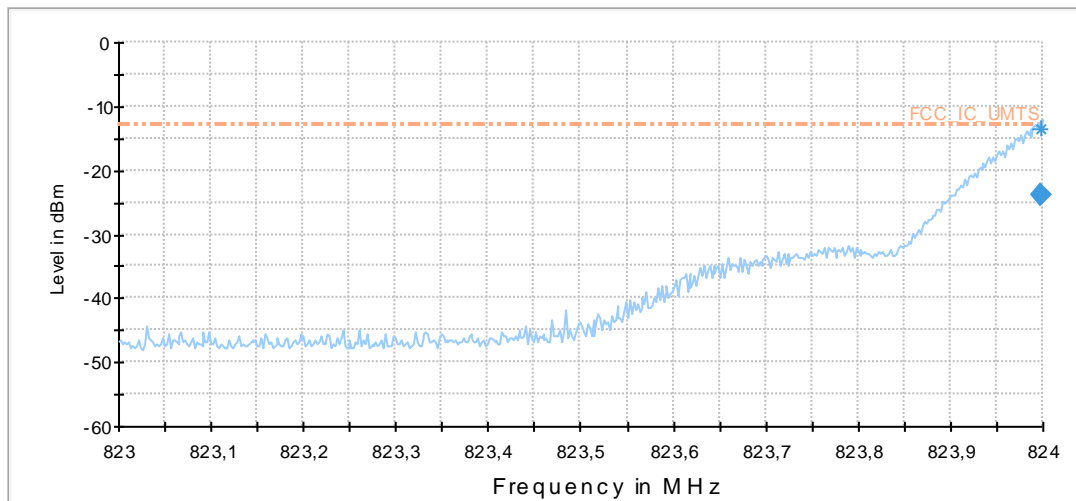
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions LTE FDDV
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22
Operating Mode:	UE allocated channel 20425
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030416\_FCC\_Part22\_LTE\_Bd5\_TX\_Ch20425\_BE\_low\_BW\_5



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
823.997996	-23.8	100.0	50.000	H	305.0	90.0	-75.9	10.8	-13.0

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

### 9.171a\_BE\_R\_Ch23755\_BW5\_1RB\_QPSK

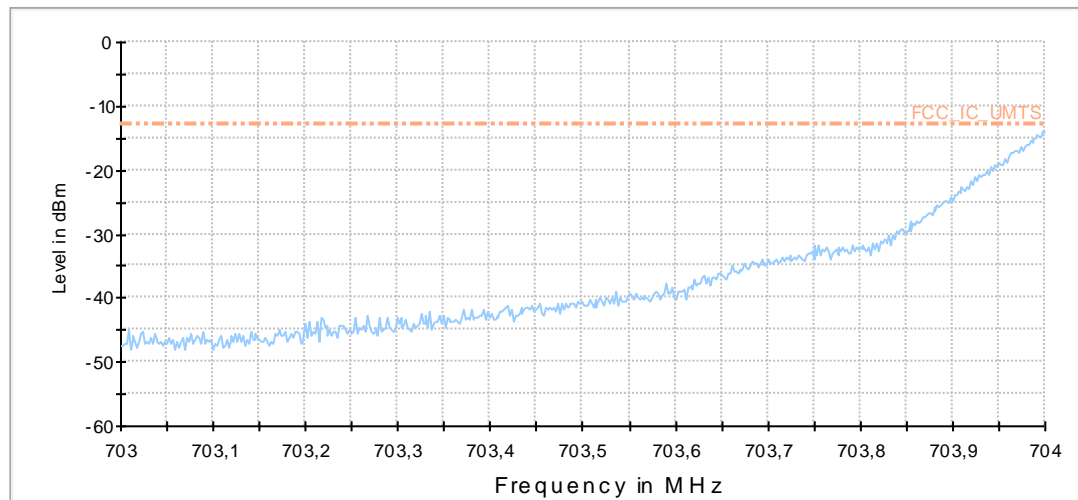
#### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS FDDXVII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 23755
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

#### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030422\_FCC\_Part27\_LTE17\_Ch23755\_BE\_low\_BW5



## 9.171b\_BE\_R\_Ch23755\_BW5\_1RB\_QAM

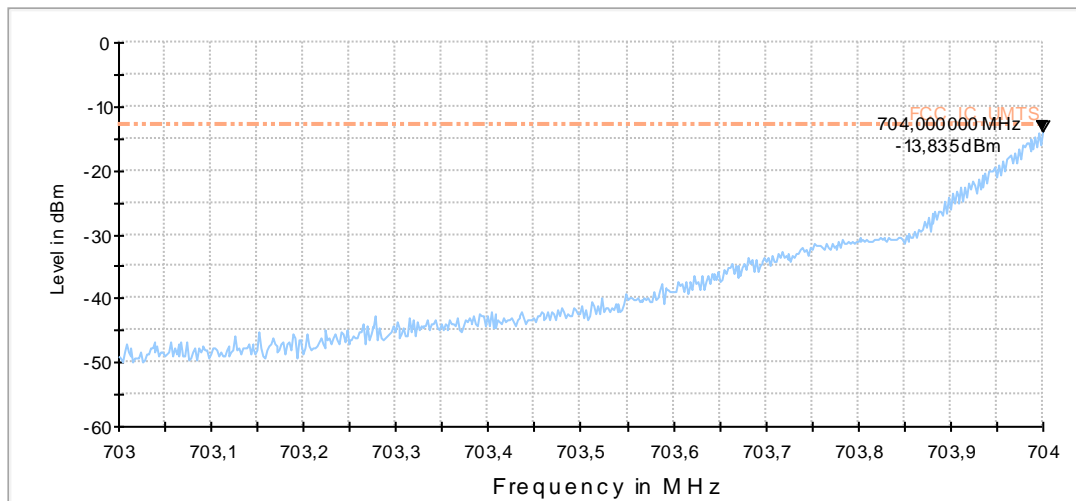
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS FDDXVII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 23755
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030422\_FCC\_Part27\_LTE17\_Ch23755\_BE\_low\_BW5





## 9.175a\_BE\_R\_Ch23825\_BW5\_1RB\_QPSK

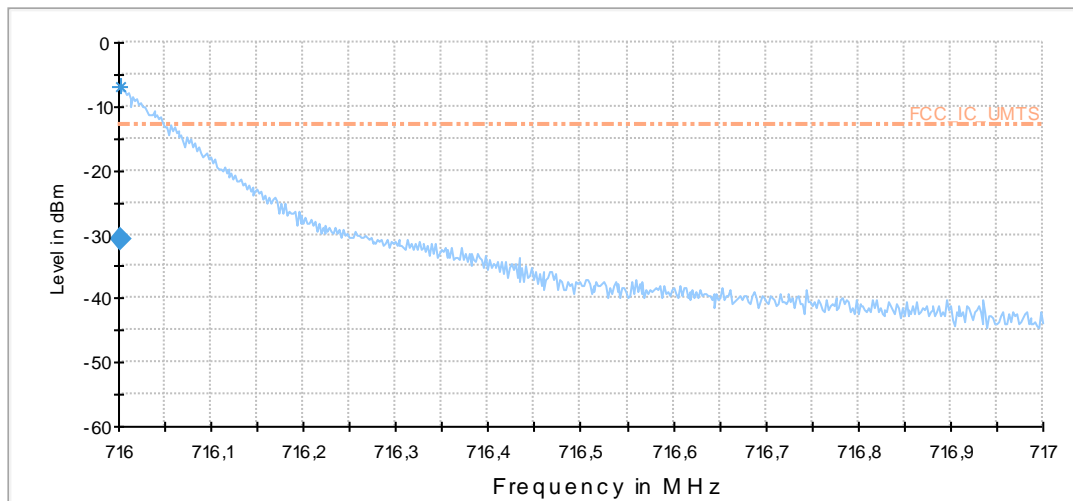
### Common Information

Test Description:	Band-Edge high - Radiated Spurious Emissions LTE FDDXVII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 23825
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030424\_FCC\_Part27\_LTE 17\_Ch23825\_BE\_high\_BW 5



### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
716.002004	-30.8	100.0	100.000	H	309.0	0.0	-77.3	17.8	-13.0

## 9.175b\_BE\_R\_Ch23825\_BW5\_1RB\_QAM

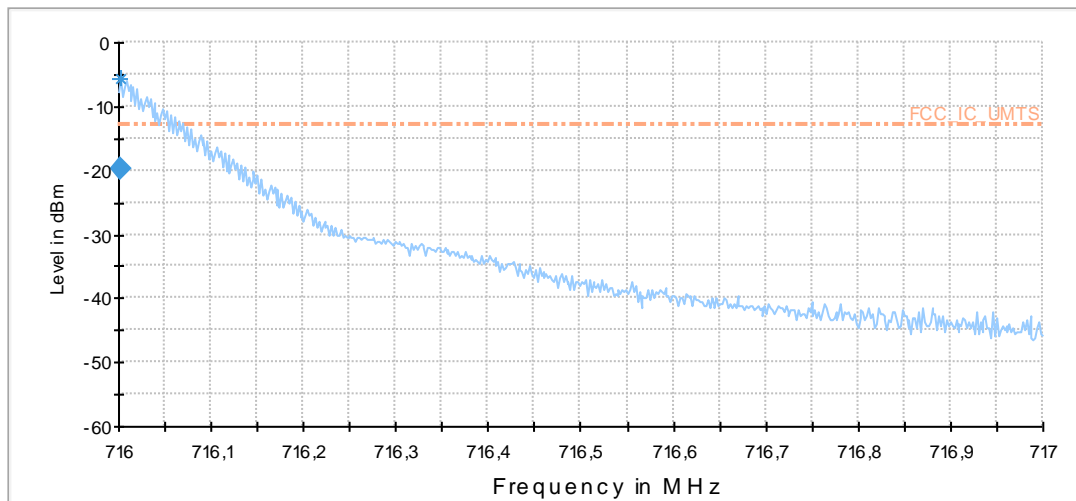
### Common Information

Test Description:	Band-Edge high - Radiated Spurious Emissions LTE FDDXVII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 27
Operating Mode:	UE allocated channel 23825
Environmental Conditions:	Humidity: 43%rH; Temperature: 24,6°C
Operator:	Oou
Remarks:	--

### EUT Information

Manufacturer:	Peiker
Model:	Wireless Module
Type:	GSM/E-GPRS/W-CDMA/LTE
-----	
EUT:	PKD0424AB0o
HW version:	3.0
SW version:	M9615A-CETWTAZM-5.0.17006
SVN:	-
Config:	-
Serial number:	US#405V1140-101HW1613
Connected Interfaces:	-
Power Supply:	3.8V DC
Comments:	IMEI no. 004402-58-000004-4

030424\_FCC\_Part27\_LTE 17\_Ch23825\_BE\_high\_BW 5



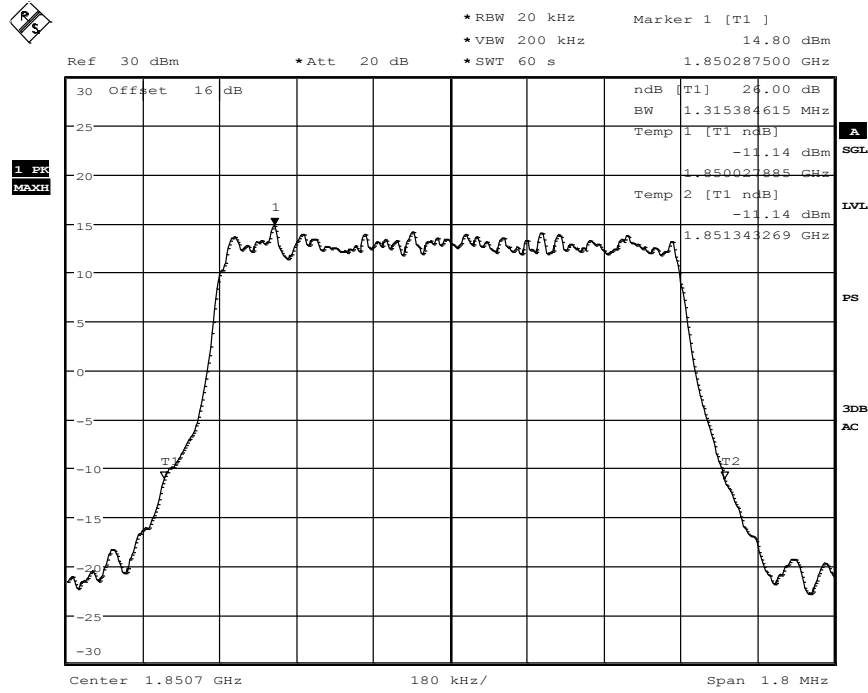
### Final Result 1

Frequency (MHz)	RMS (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
716.002004	-19.7	100.0	100.000	H	309.0	90.0	-77.3	6.7	-13.0

## 1.9. 26dBc Emission bandwidth

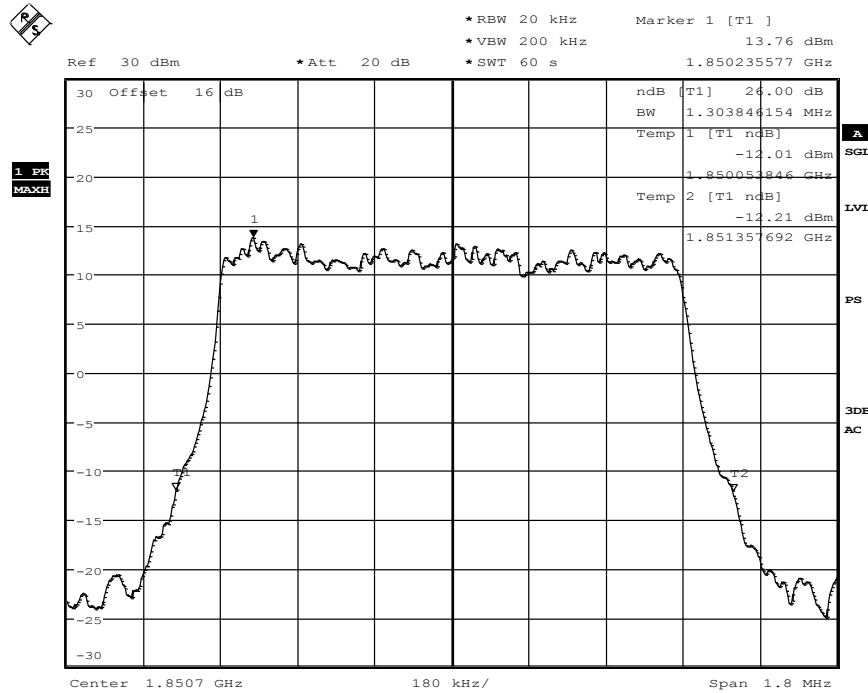
### 1.9.1. LTE Band II

#### 1.9.1.1. BW = 1.4MHz



Date: 14.JUN.2013 14:34:43

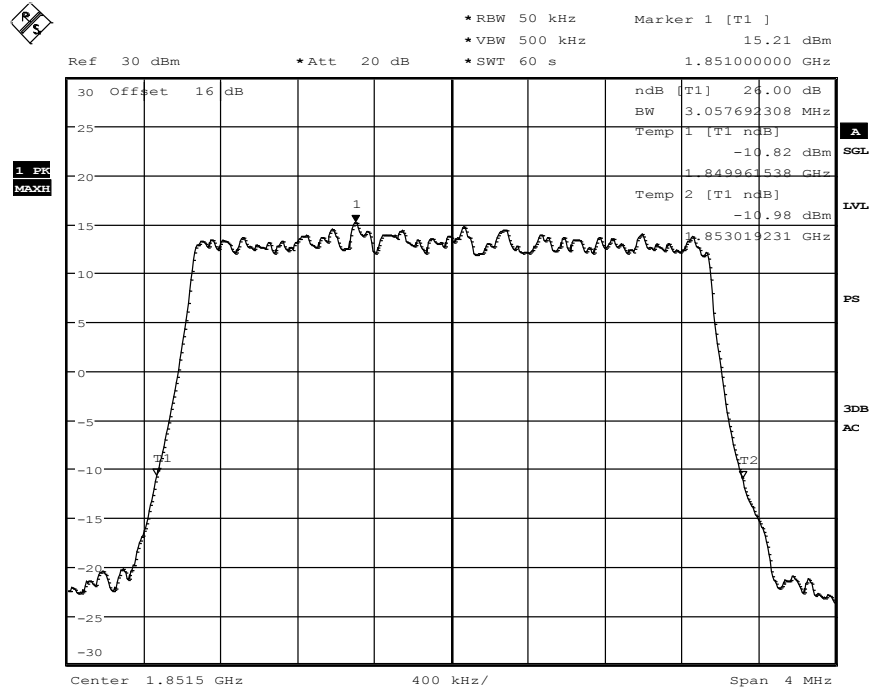
#### Diagram 34.200, QPSK-Modulation



Date: 14.JUN.2013 14:38:59

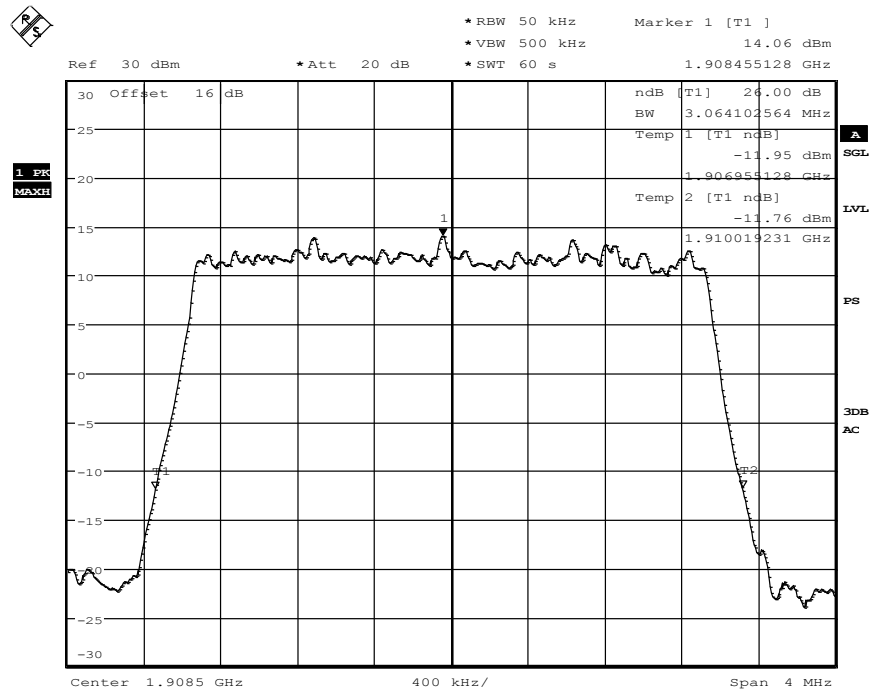
#### Diagram 34.218, 16-QAM-Modulation

1.9.1.2. BW = 3MHz



Date: 14.JUN.2013 14:43:57

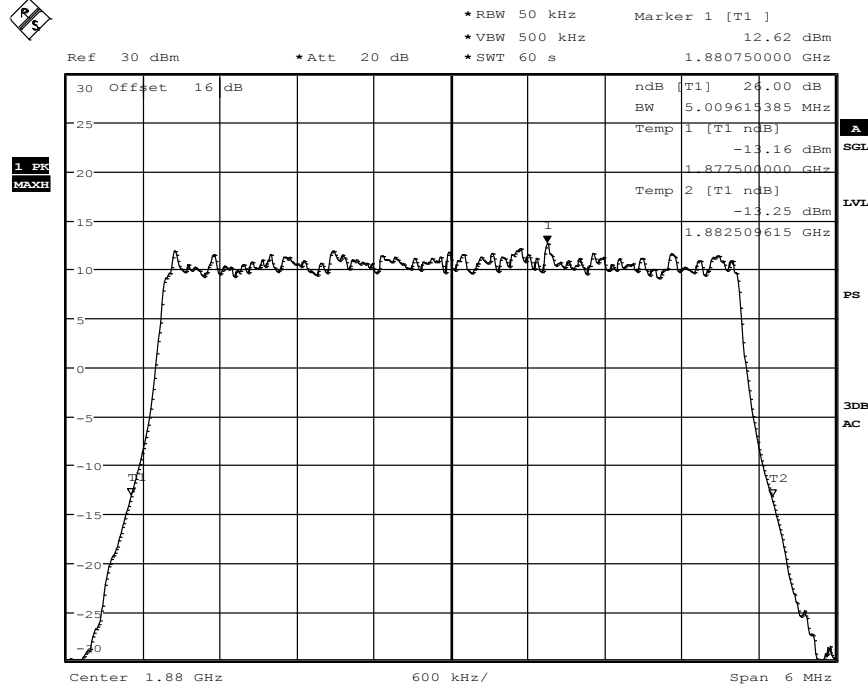
Diagram 34.203, QPSK-Modulation



Date: 14.JUN.2013 15:18:32

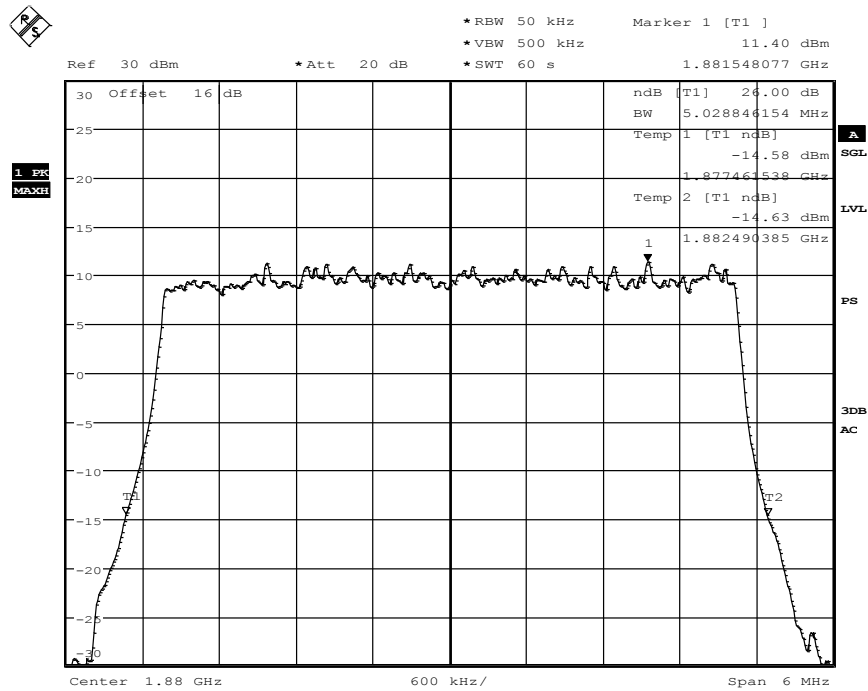
Diagram 34.223, 16-QAM-Modulation

### 1.9.1.3. BW = 5MHz



Date: 14.JUN.2013 16:37:18

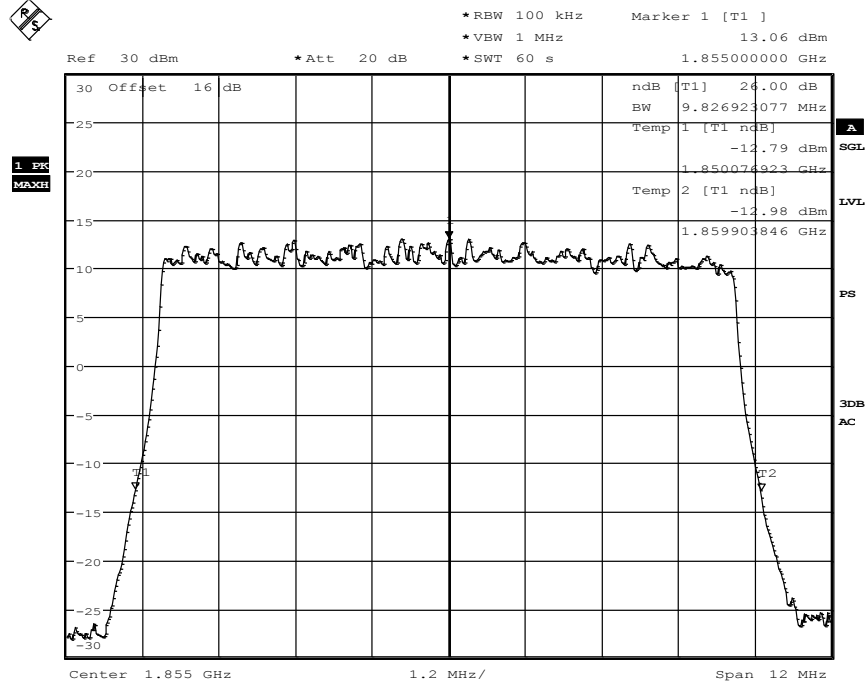
Diagram 34.207, QPSK-Modulation



Date: 14.JUN.2013 16:39:06

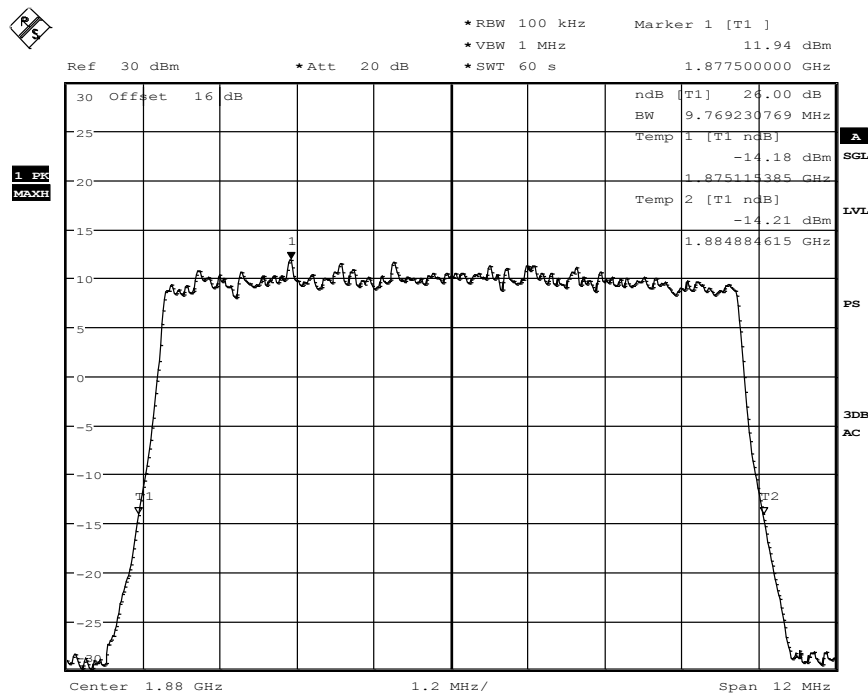
Diagram 34.225, 16-QAM-Modulation

1.9.1.4. BW = 10MHz



Date: 14.JUN.2013 15:52:03

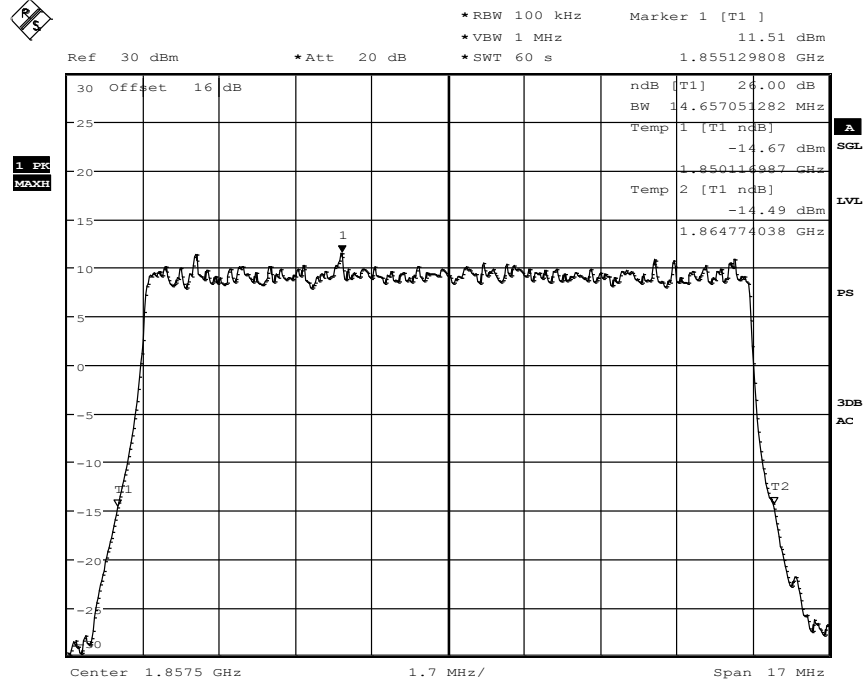
Diagram 34.209, QPSK-Modulation



Date: 14.JUN.2013 16:57:09

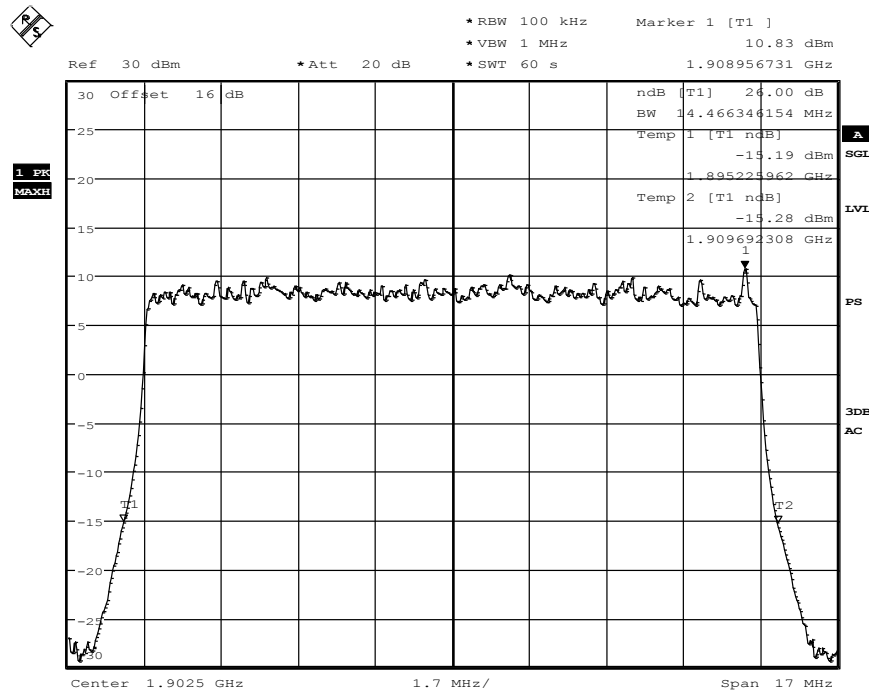
Diagram 34.228, 16-QAM-Modulation

1.9.1.5. BW = 15MHz



Date: 14.JUN.2013 16:23:11

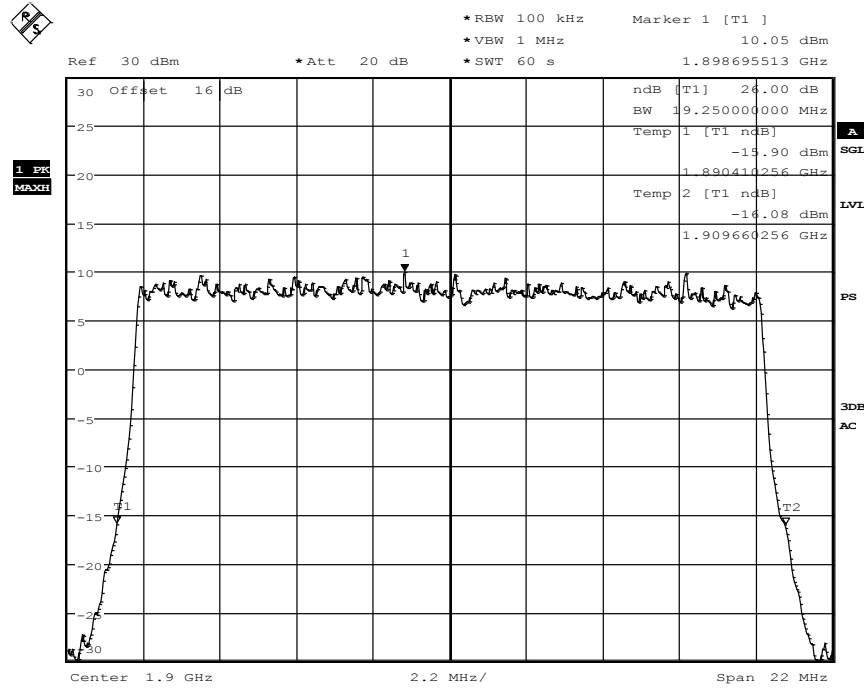
Diagram 34.212, QPSK-Modulation



Date: 14.JUN.2013 17:19:31

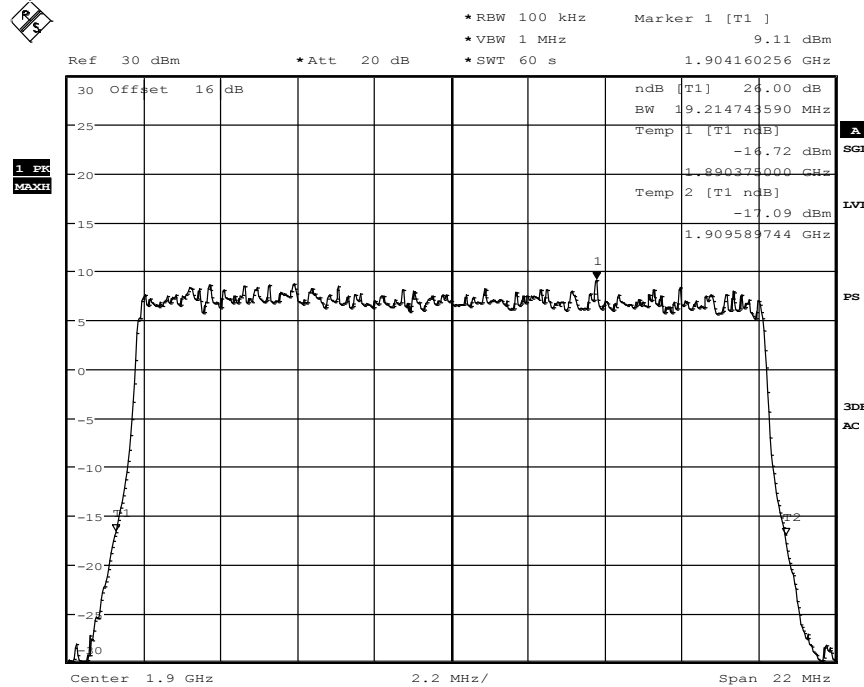
Diagram 34.232, 16-QAM-Modulation

### 1.9.1.6. BW = 20MHz



Date: 14.JUN.2013 17:32:52

Diagram 34.217, QPSK-Modulation

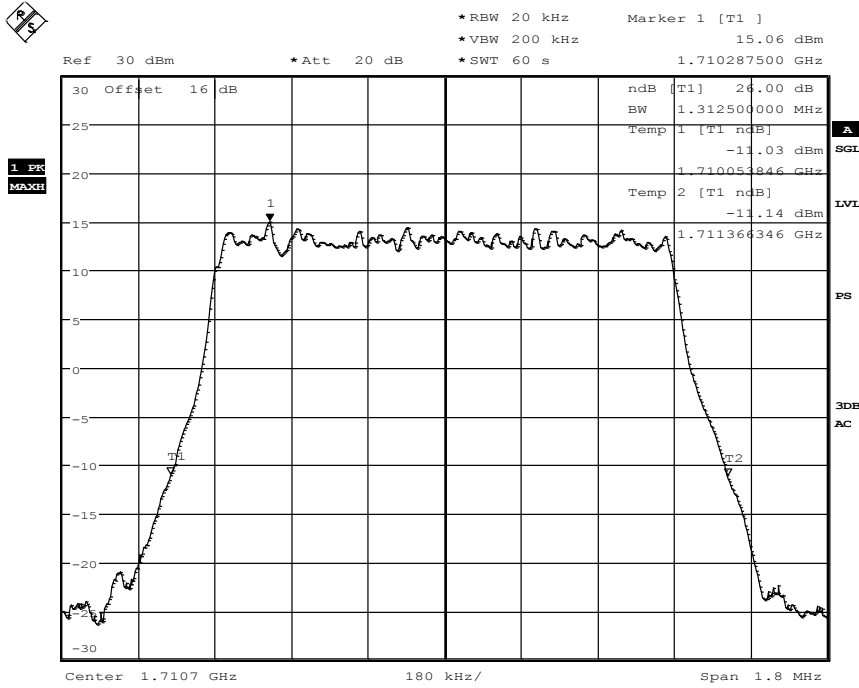


Date: 14.JUN.2013 17:30:55

Diagram 34.235, 16-QAM-Modulation

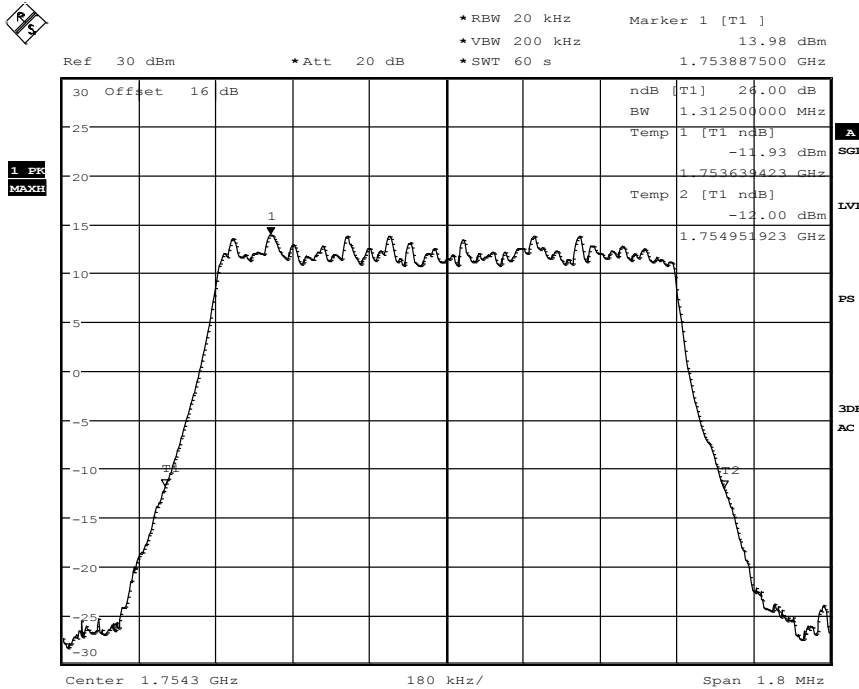


**1.9.2. LTE Band IV**  
**1.9.2.1. BW = 1.4MHz**



Date: 14.JUN.2013 18:29:45

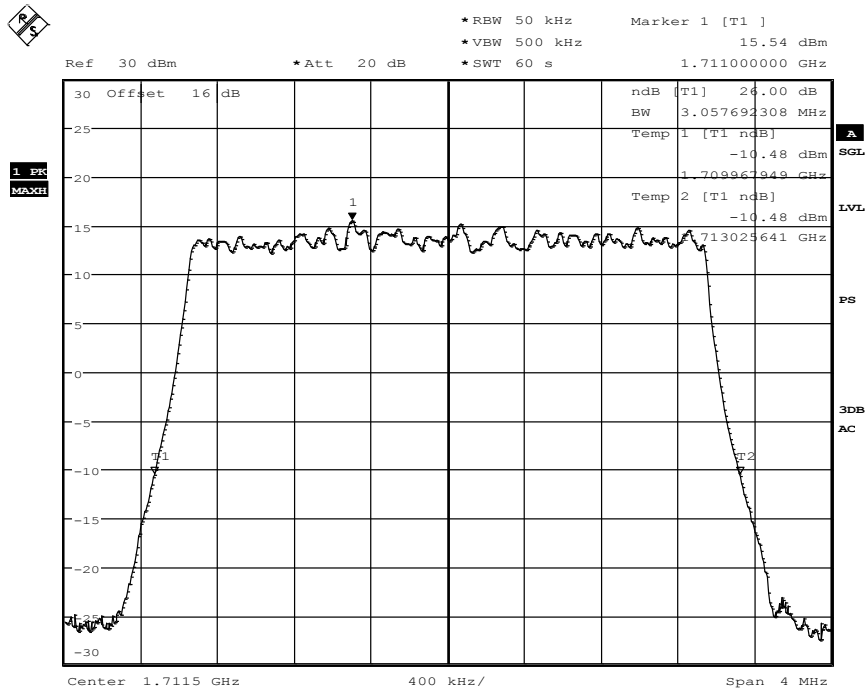
**Diagram 34.401, QPSK-Modulation**



Date: 14.JUN.2013 18:41:14

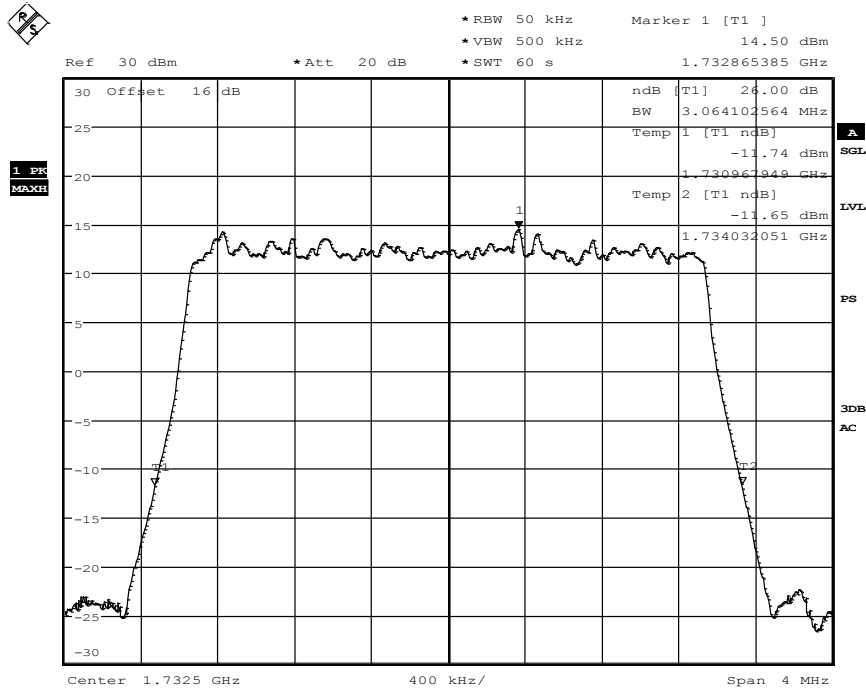
**Diagram 34.421, 16-QAM-Modulation**

1.9.2.2. BW = 3MHz



Date: 14.JUN.2013 18:52:51

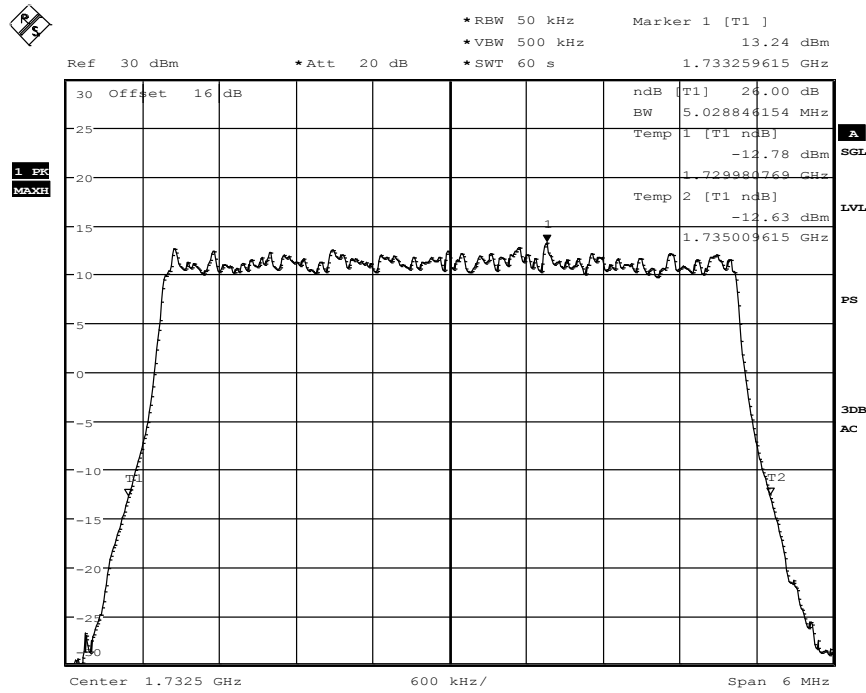
Diagram 34.404, QPSK-Modulation



Date: 14.JUN.2013 18:58:16

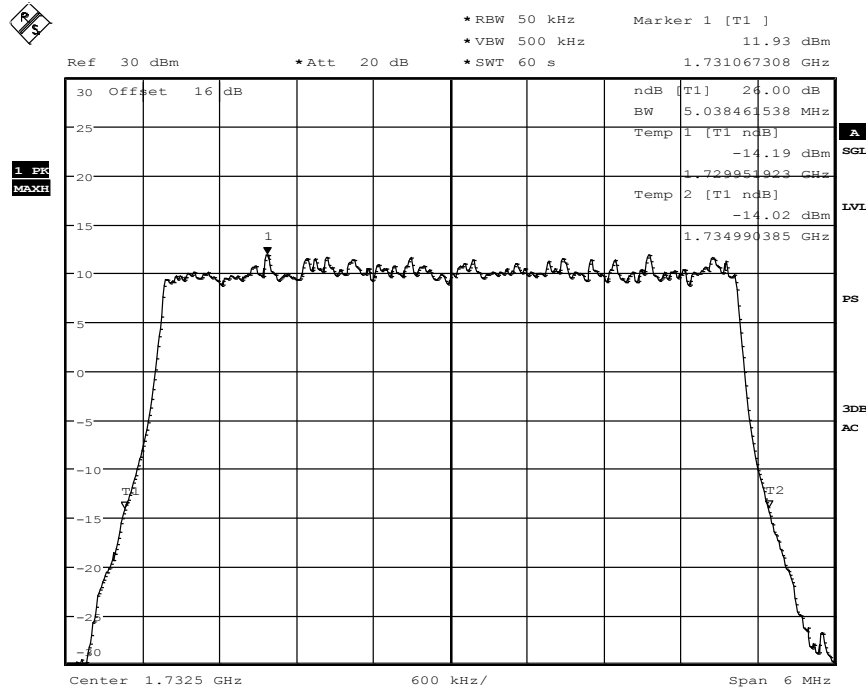
Diagram 34.423, 16-QAM-Modulation

1.9.2.3. BW = 5MHz



Date: 14.JUN.2013 19:55:45

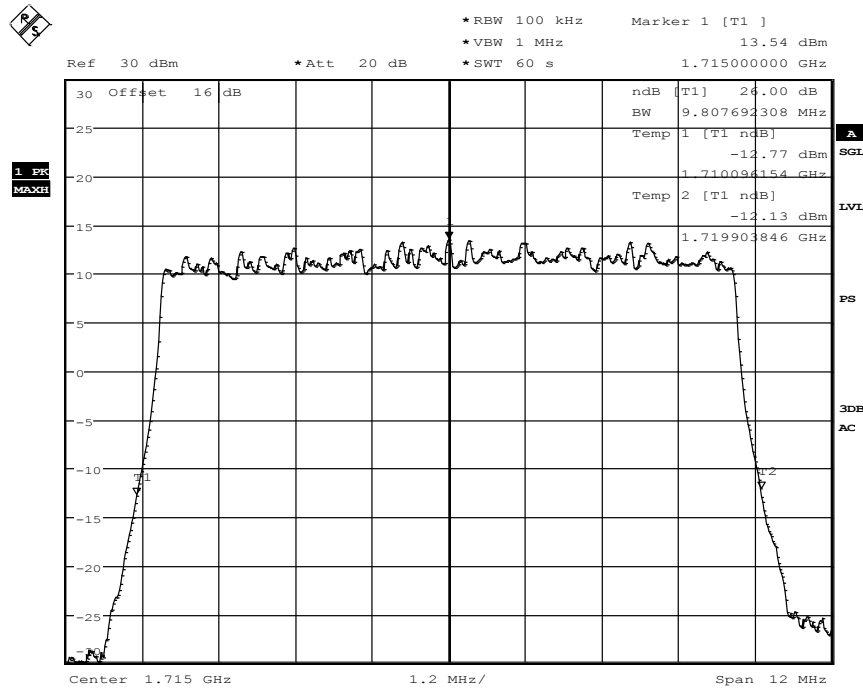
Diagram 34.408, QPSK-Modulation



Date: 14.JUN.2013 19:53:44

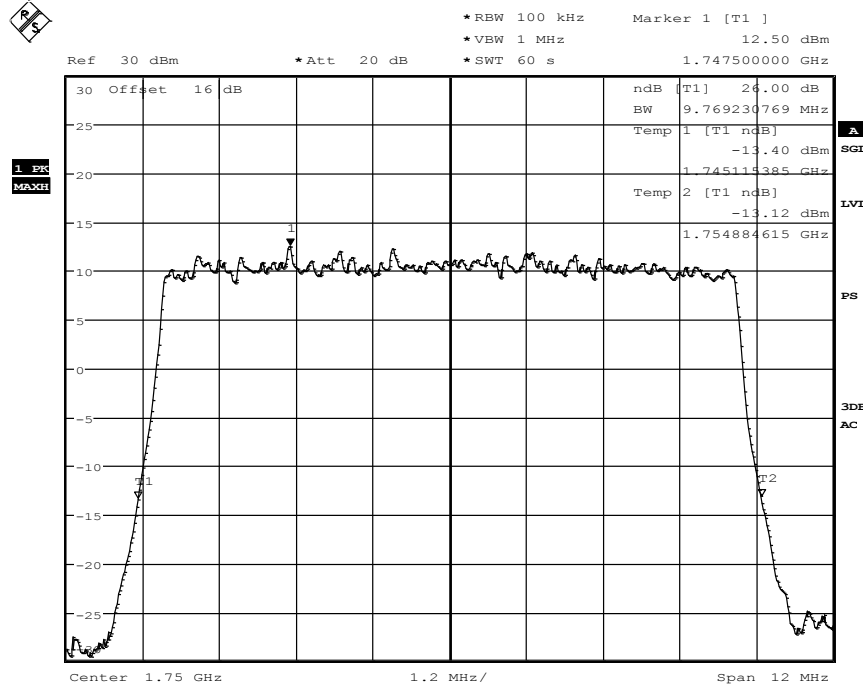
Diagram 34.426, 16-QAM-Modulation

1.9.2.4. BW = 10MHz



Date: 14.JUN.2013 20:23:03

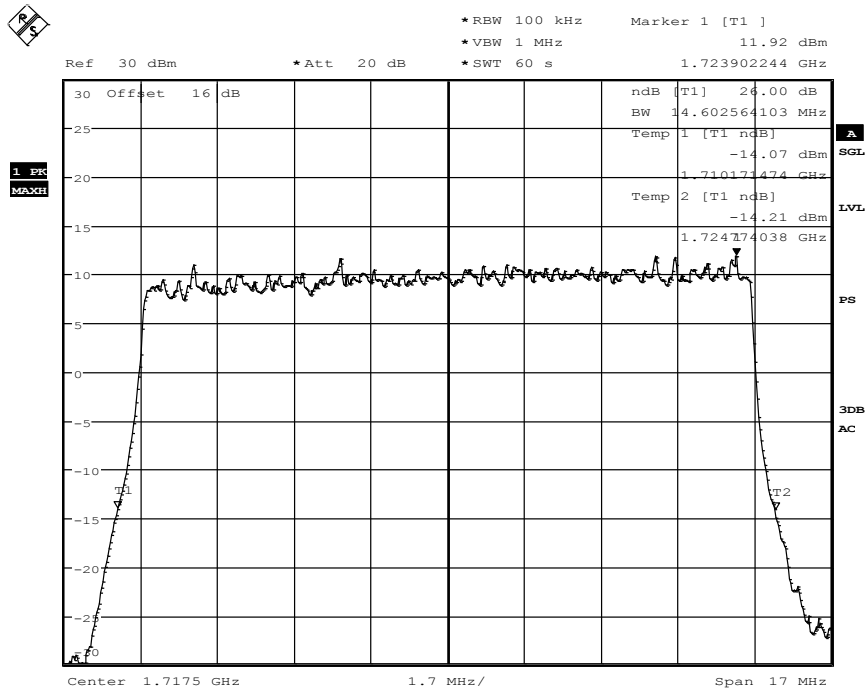
Diagram 34.410, QPSK-Modulation



Date: 14.JUN.2013 20:27:29

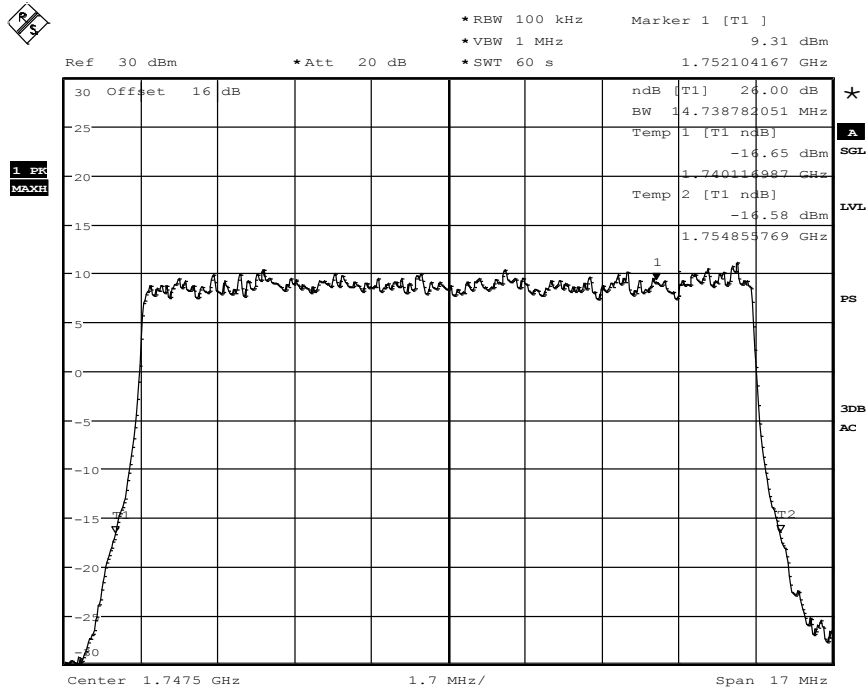
Diagram 34.428, 16-QAM-Modulation

1.9.2.5. BW = 15MHz



Date: 14.JUN.2013 20:34:56

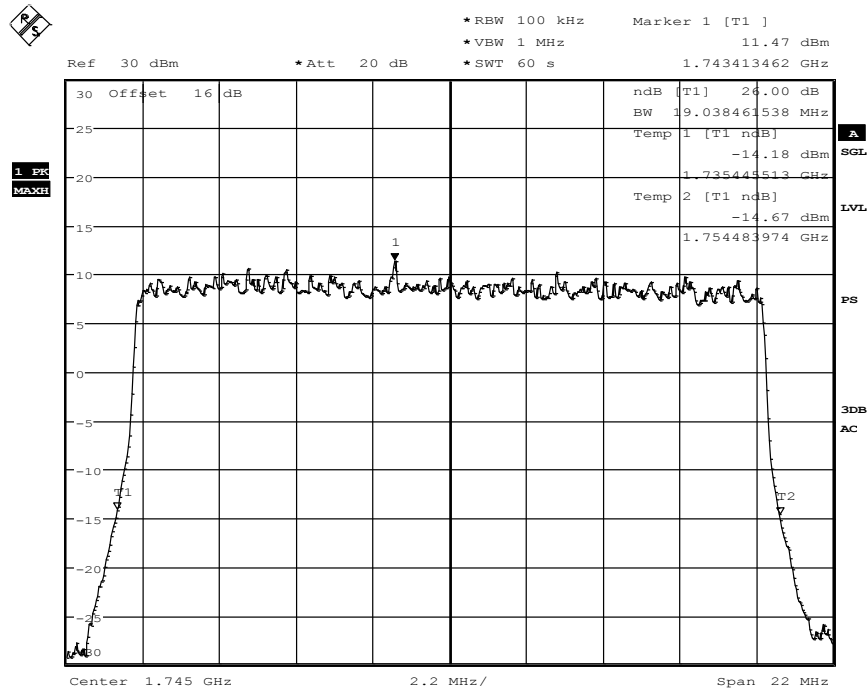
Diagram 34.413, QPSK-Modulation



Date: 14.JUN.2013 20:45:42

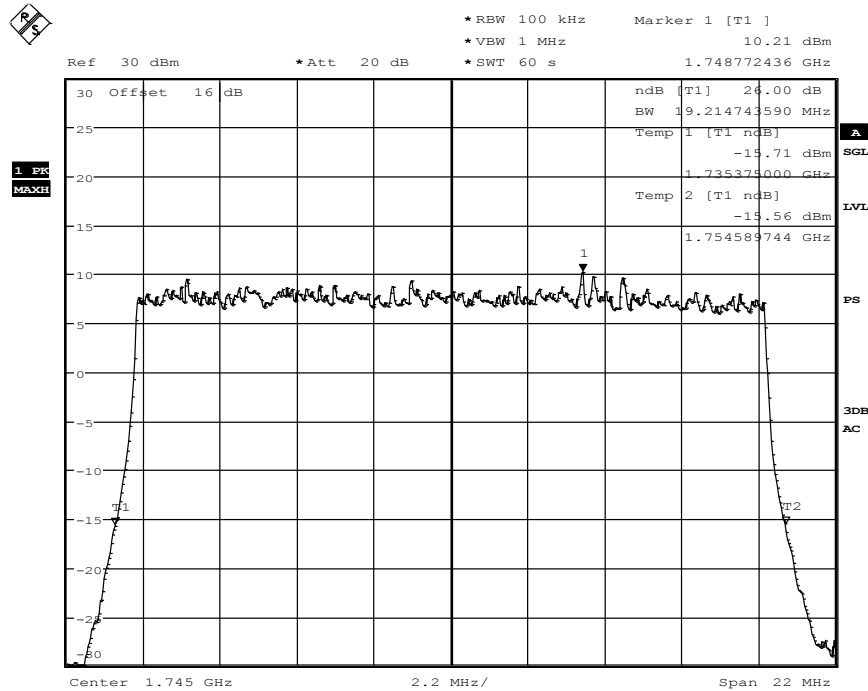
Diagram 34.433, 16-QAM-Modulation

1.9.2.6. BW = 20MHz



Date: 14.JUN.2013 21:08:20

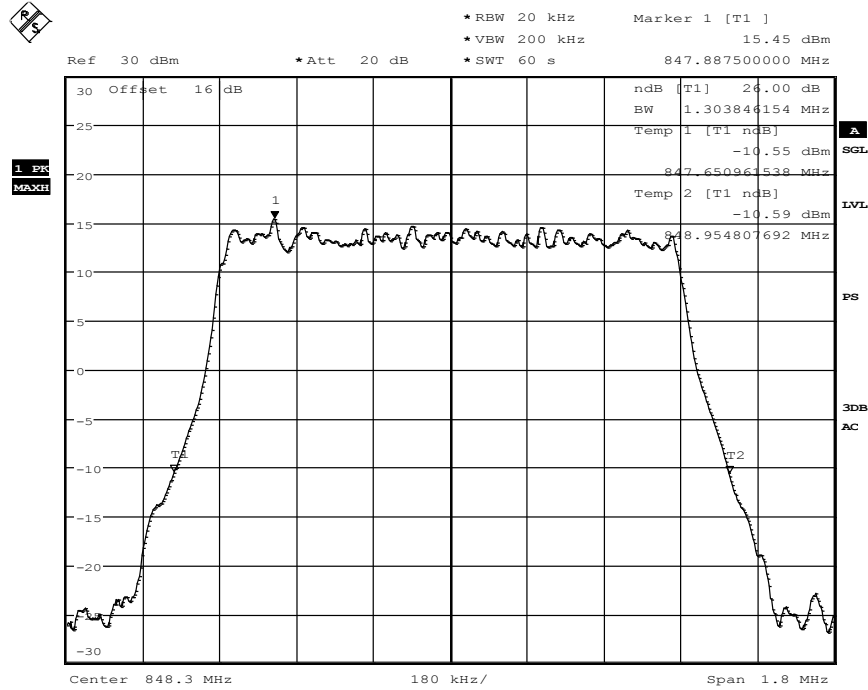
Diagram 34.418, QPSK-Modulation



Date: 14.JUN.2013 21:05:13

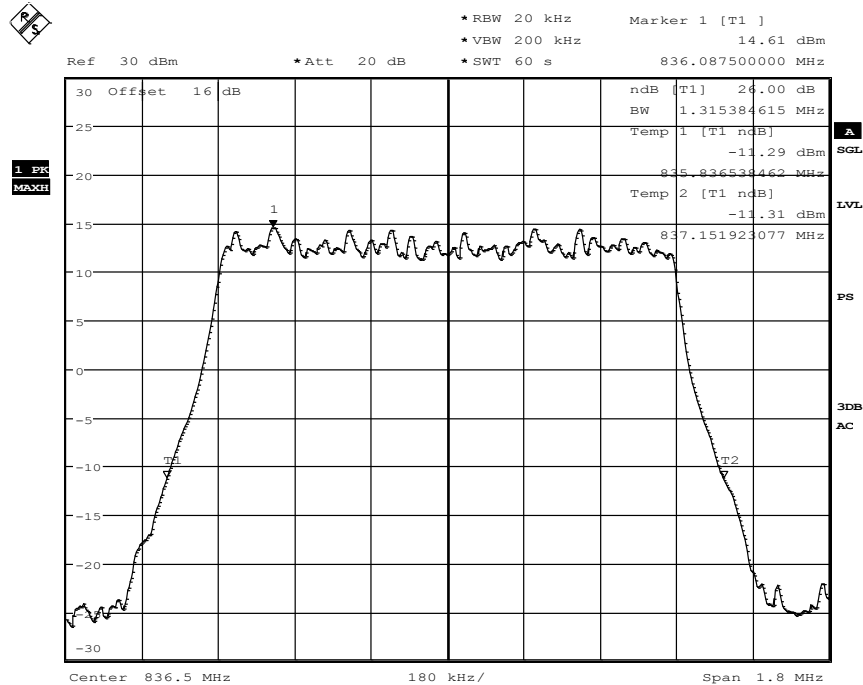
Diagram 34.436, 16-QAM-Modulation

**1.9.3. LTE Band V**  
**1.9.3.1. BW = 1.4MHz**



Date: 14.JUN.2013 21:40:15

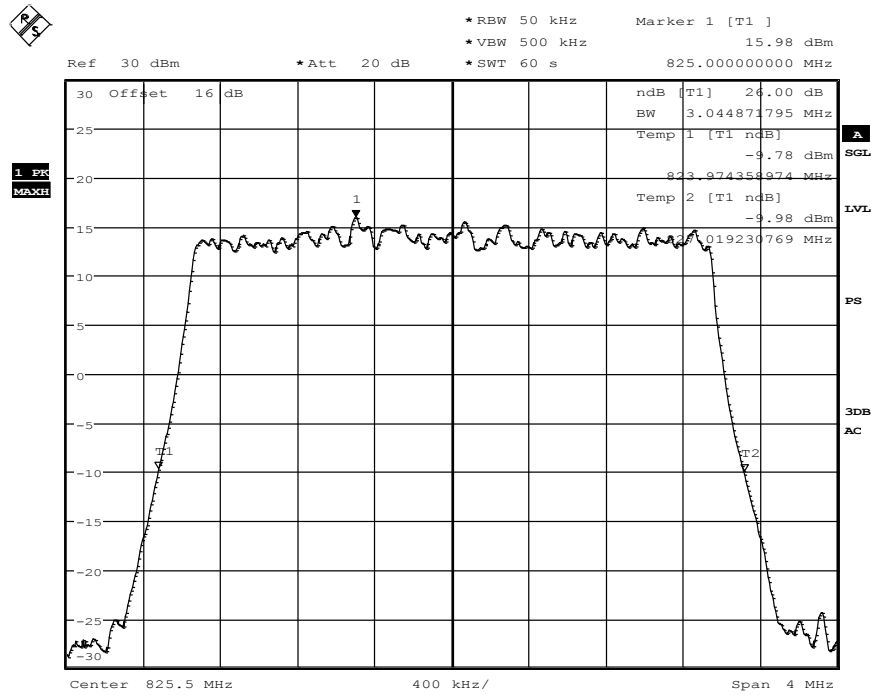
**Diagram 34.503, QPSK-Modulation**



Date: 14.JUN.2013 21:34:14

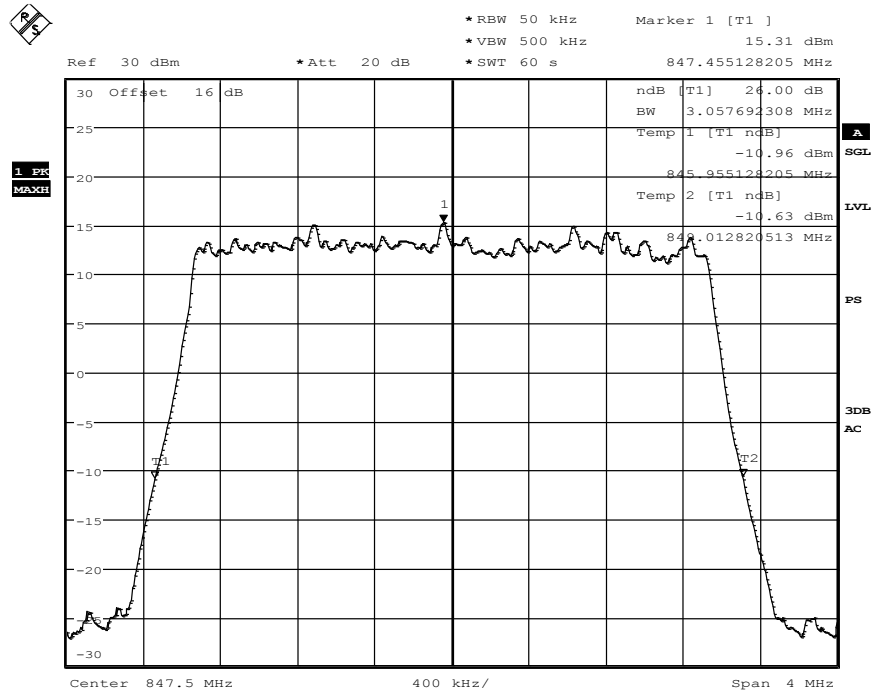
**Diagram 34.514, 16-QAM-Modulation**

1.9.3.2. BW = 3MHz



Date: 14.JUN.2013 21:51:05

Diagram 34.504, QPSK-Modulation

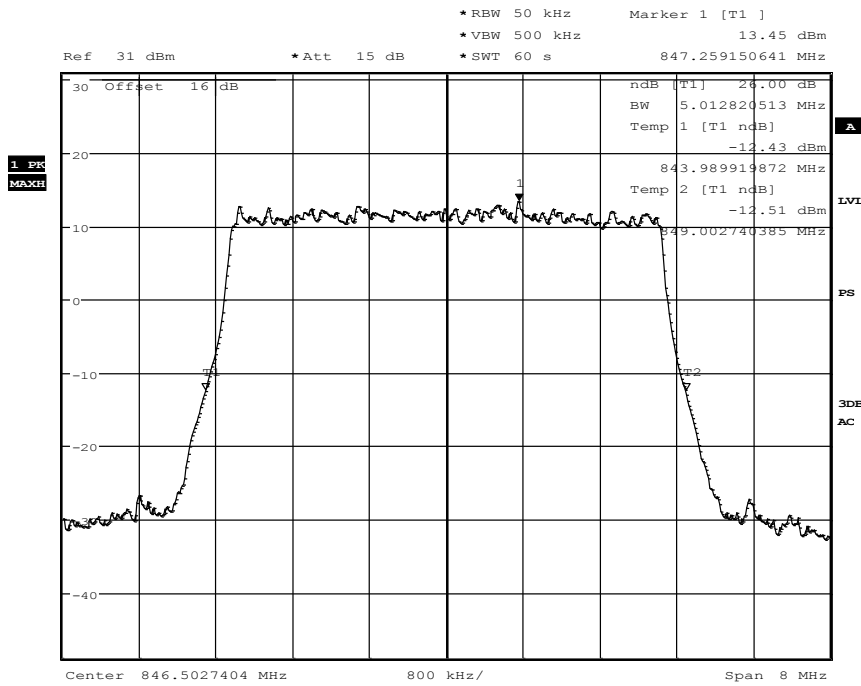


Date: 14.JUN.2013 22:05:22

Diagram 34.516, 16-QAM-Modulation

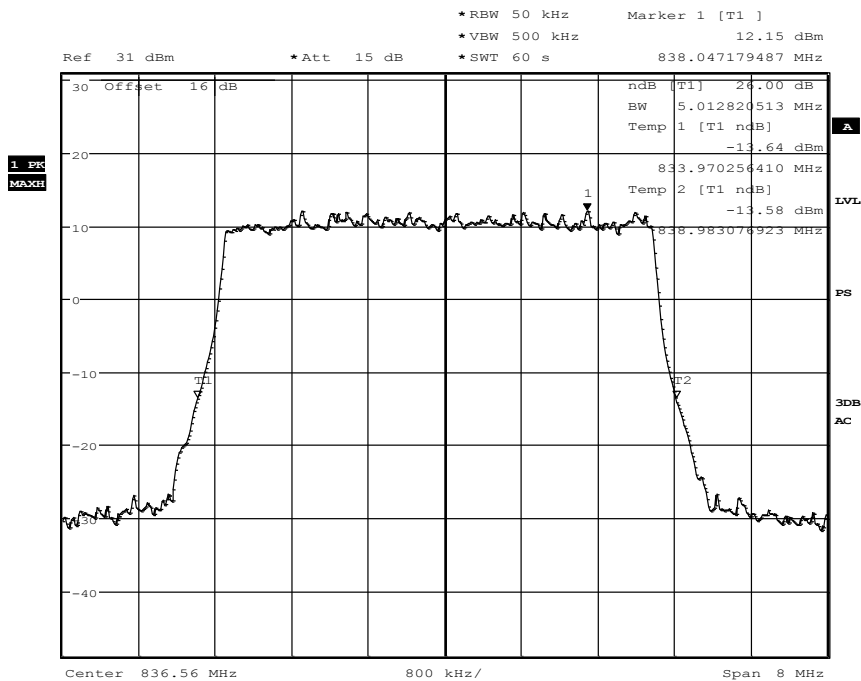


1.9.3.3. BW = 5MHz



Date: 19.JUN.2013 10:50:38

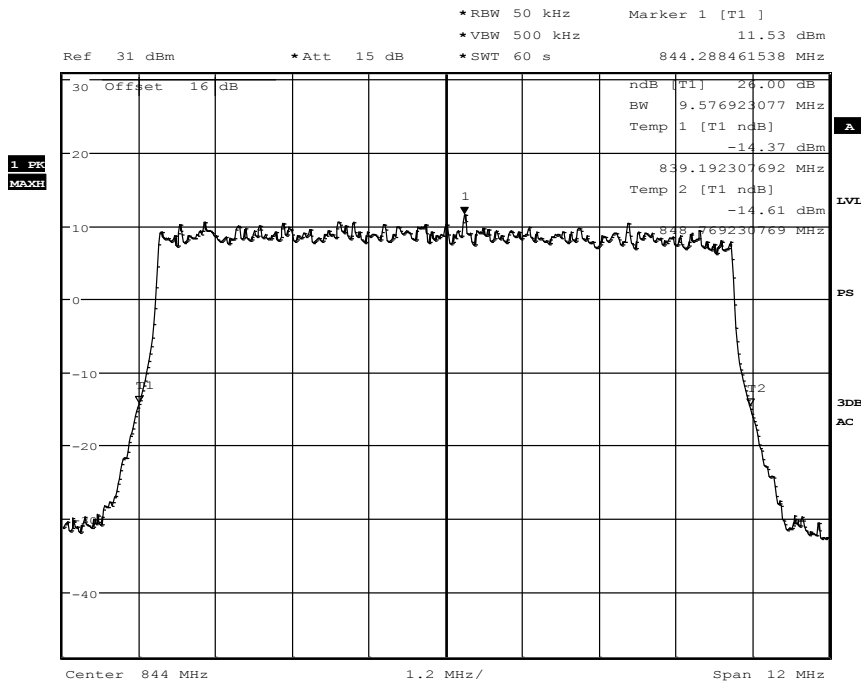
Diagram 34.509, QPSK-Modulation



Date: 19.JUN.2013 11:26:25

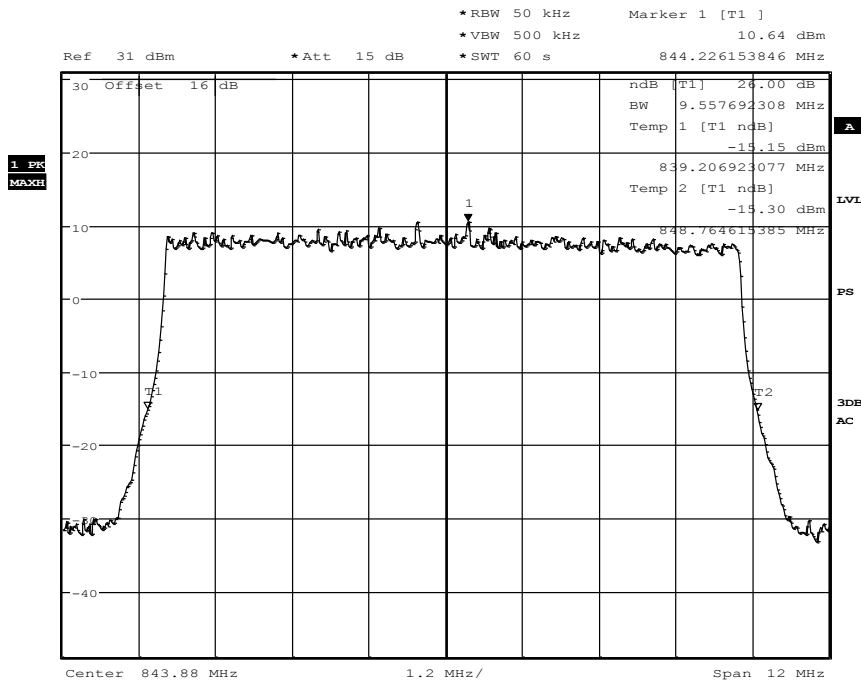
Diagram 34.520, 16-QAM-Modulation

1.9.3.4. BW = 10MHz



Date: 19.JUN.2013 11:10:19

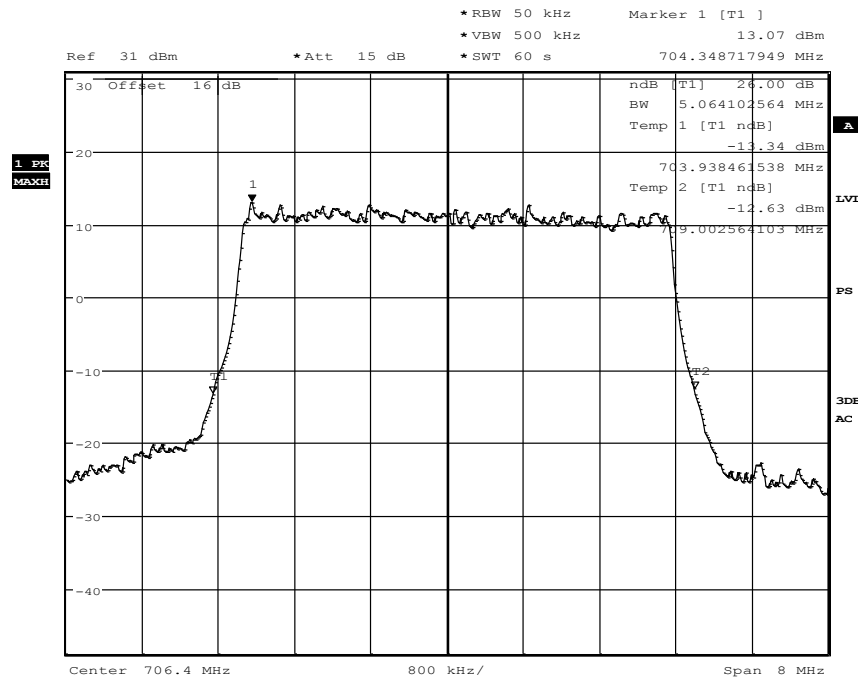
Diagram 34.511, QPSK-Modulation



Date: 19.JUN.2013 11:49:26

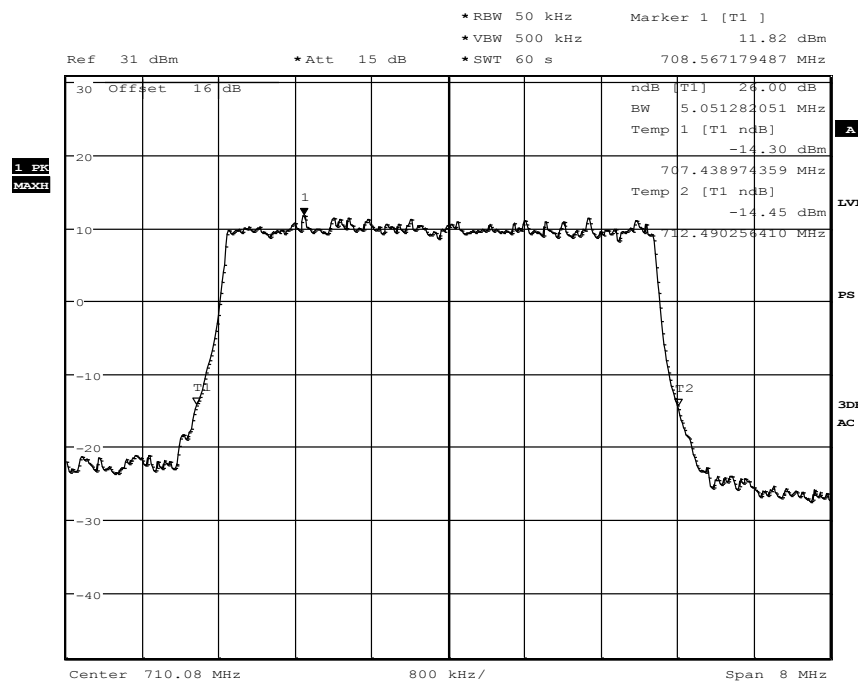
Diagram 34.524, 16-QAM-Modulation

**1.9.4. LTE Band XVII**  
**1.9.4.1. BW = 5MHz**



Date: 19.JUN.2013 12:02:56

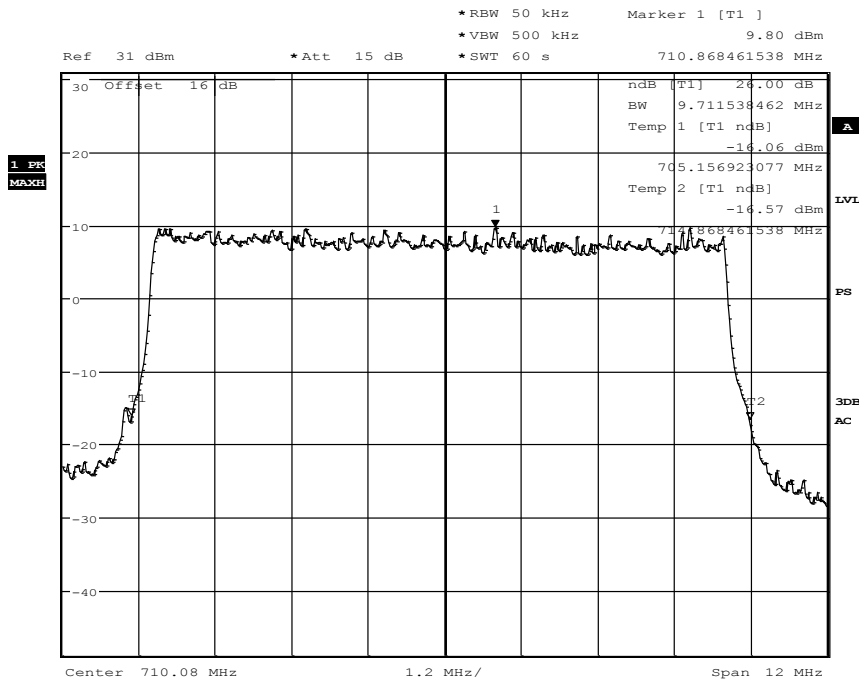
**Diagram 34.171, QPSK-Modulation**



Date: 19.JUN.2013 12:59:17

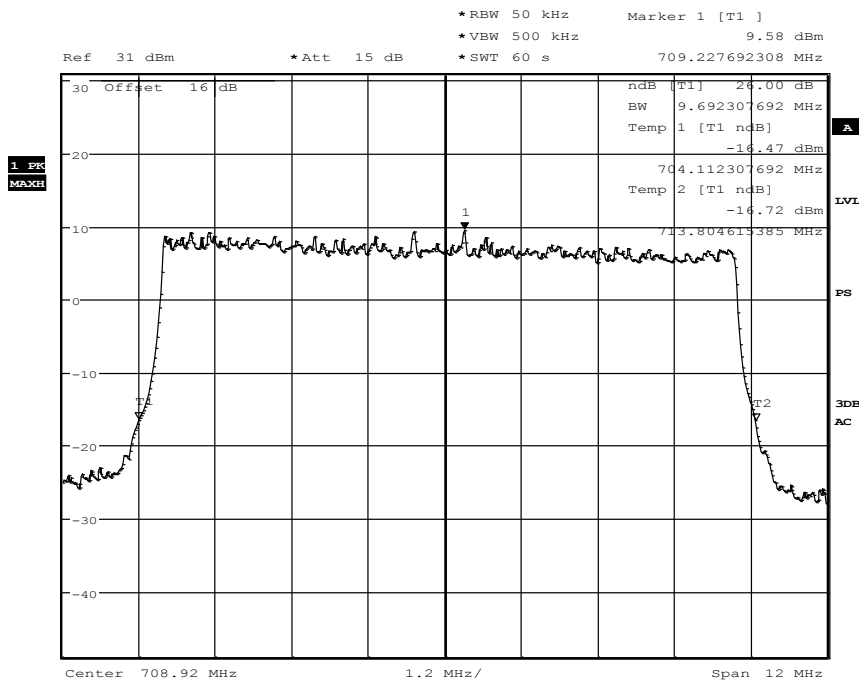
**Diagram 34.178, 16-QAM-Modulation**

1.9.4.2. BW = 10MHz



Date: 19.JUN.2013 12:47:21

Diagram 34.175, QPSK-Modulation



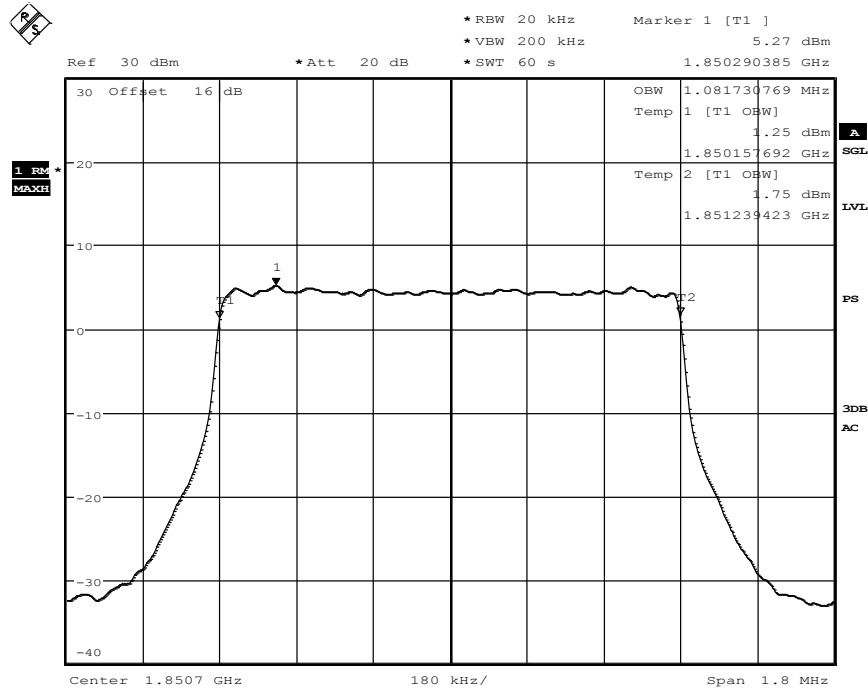
Date: 19.JUN.2013 13:07:37

Diagram 34.180, 16-QAM-Modulation

### 1.10. 99% occupied bandwidth

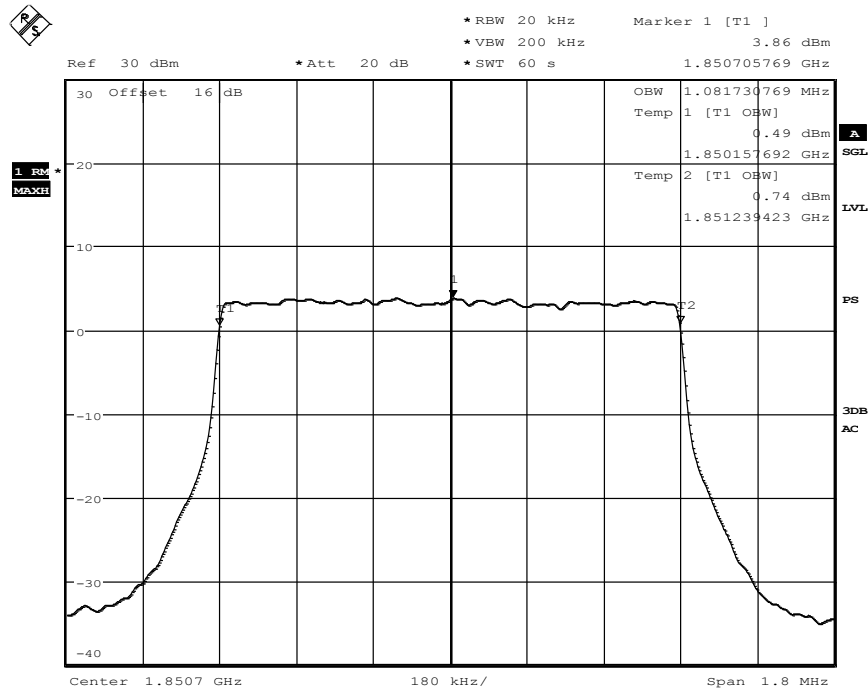
#### 1.10.1. LTE Band II

##### 1.10.1.1. BW = 1.4MHz



Date: 14.JUN.2013 18:01:07

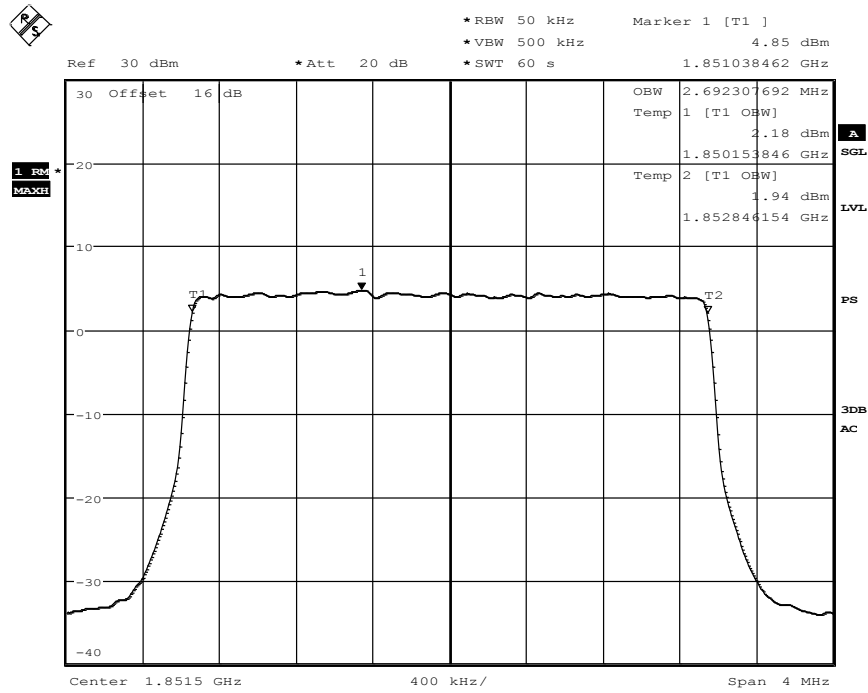
Diagram 35.200, QPSK-Modulation



Date: 14.JUN.2013 18:04:03

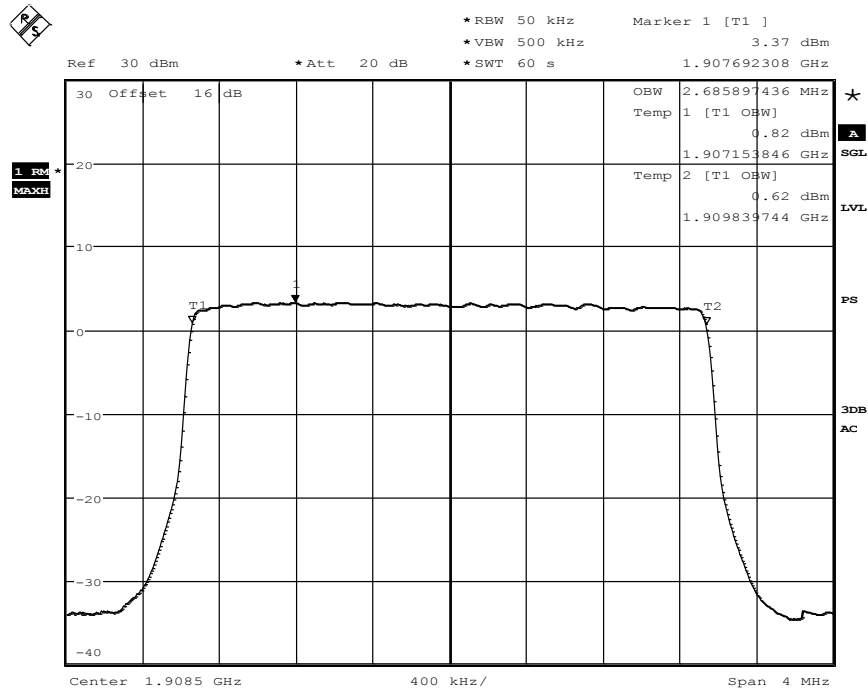
Diagram 35.218, 16-QAM-Modulation

1.10.1.2.BW = 3MHz



Date: 14.JUN.2013 18:07:33

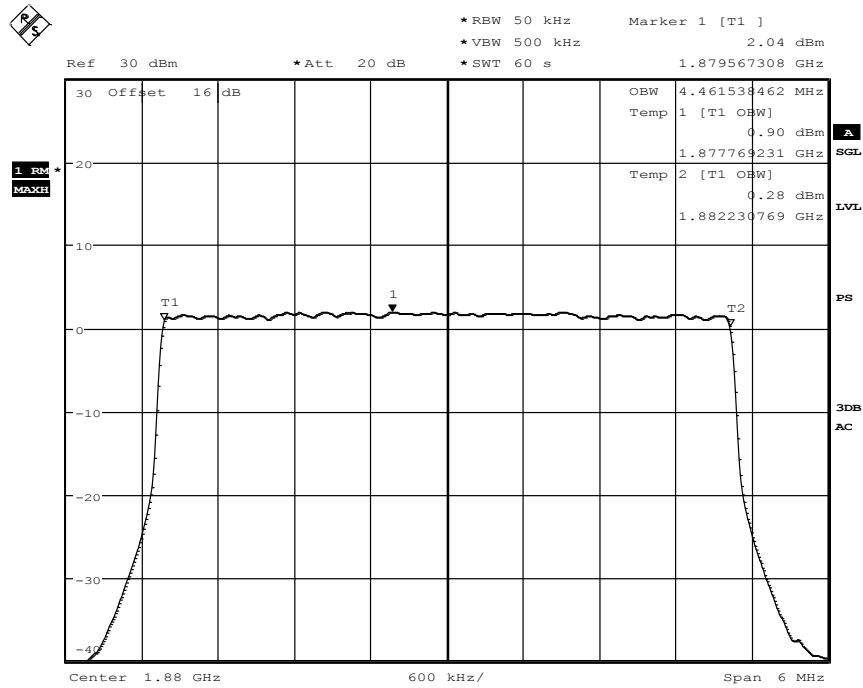
Diagram 35.203, QPSK-Modulation



Date: 14.JUN.2013 18:09:55

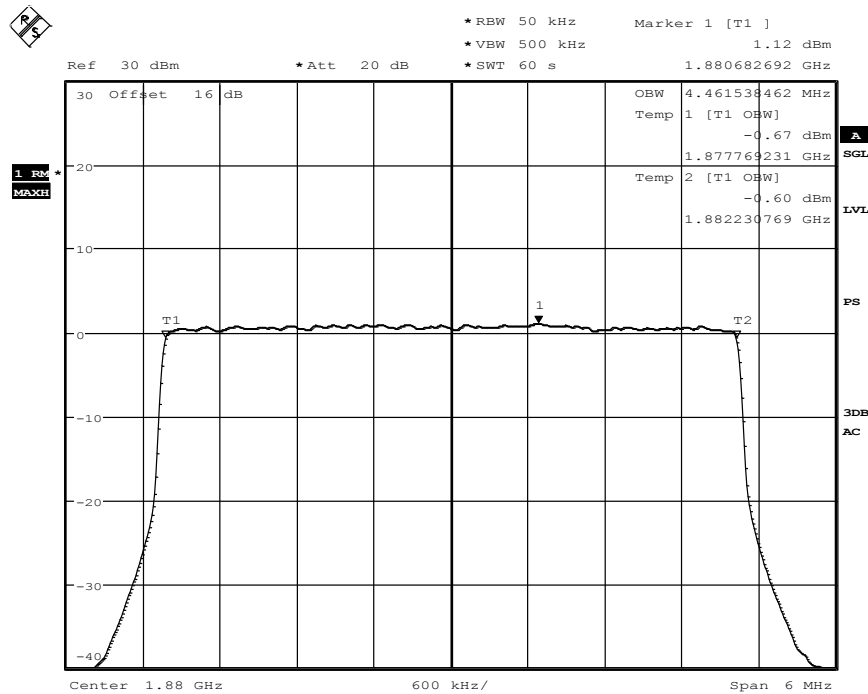
Diagram 35.223, 16-QAM-Modulation

**1.10.1.3. BW = 5MHz**



Date: 14.JUN.2013 18:14:02

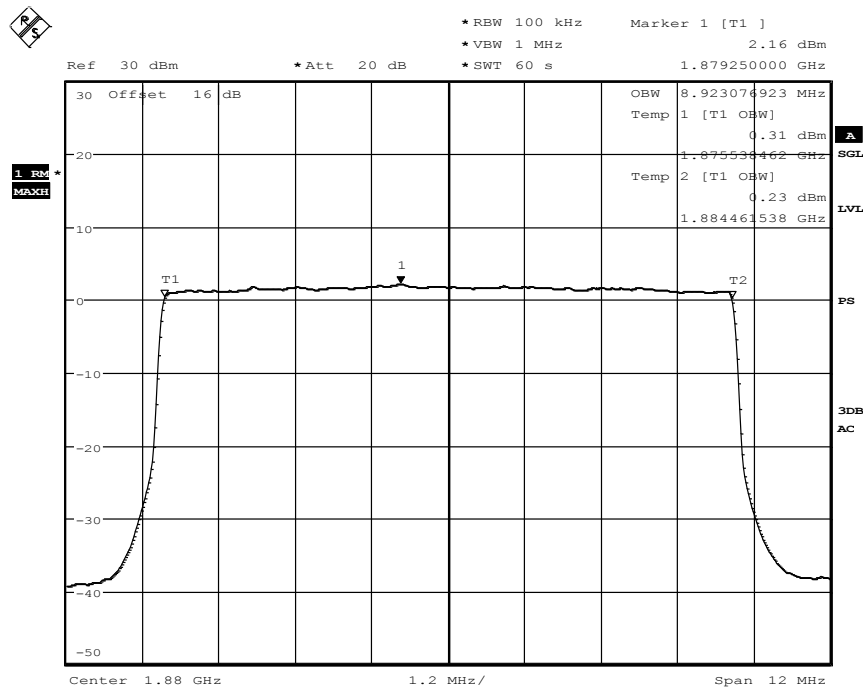
**Diagram 35. 207, QPSK-Modulation**



Date: 14.JUN.2013 18:16:43

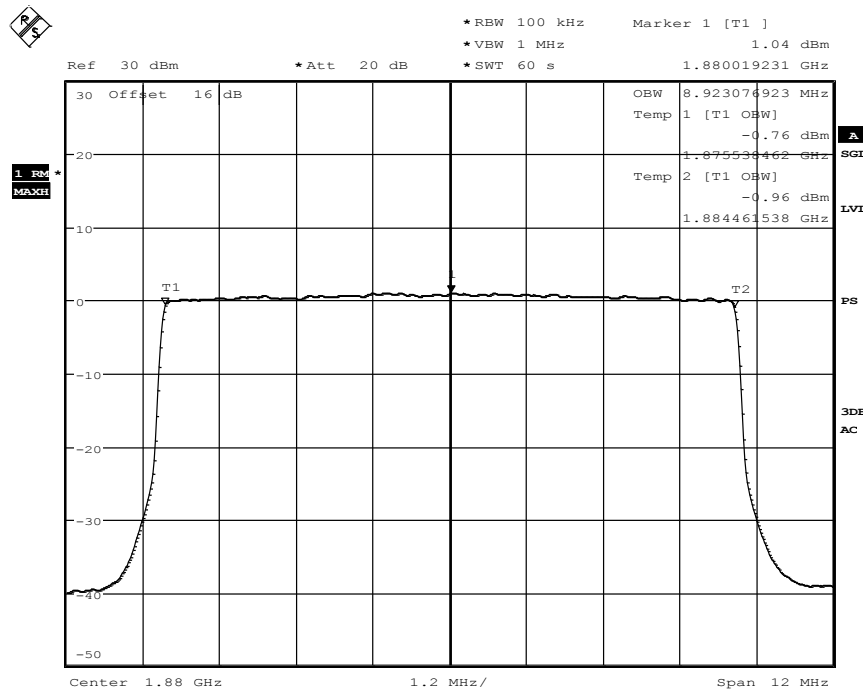
**Diagram 35.225, 16-QAM-Modulation**

1.10.1.4. BW = 10MHz



Date: 14.JUN.2013 18:22:03

Diagram 35.209, QPSK-Modulation

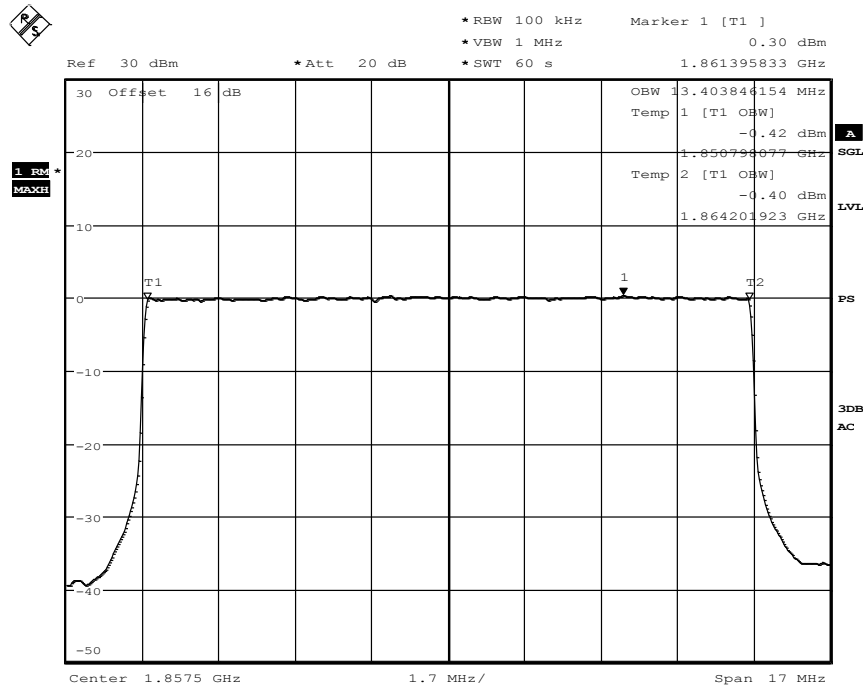


Date: 14.JUN.2013 18:19:50

Diagram 35.228, 16-QAM-Modulation

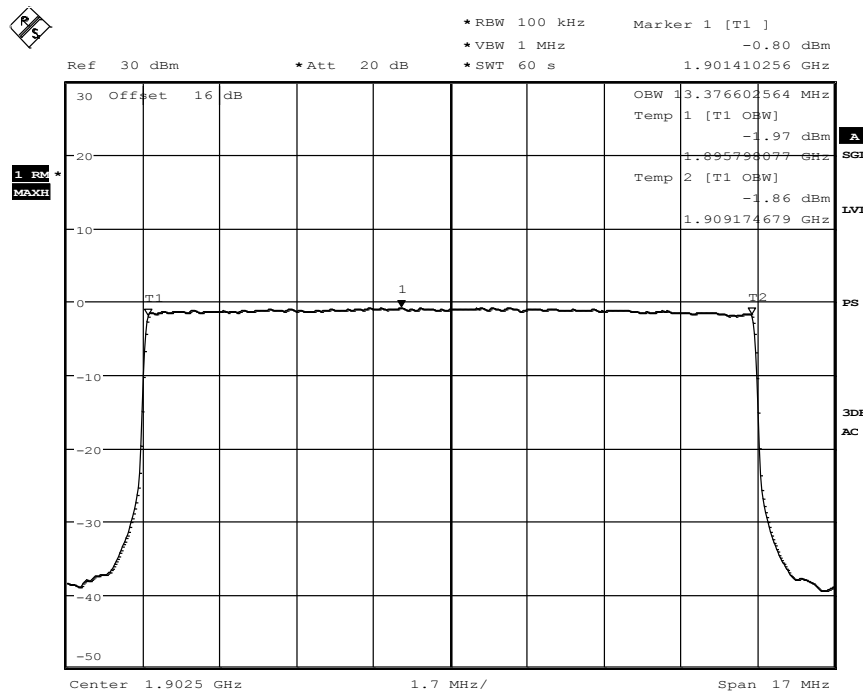


**1.10.1.5. BW = 15MHz**



Date: 14.JUN.2013 17:47:02

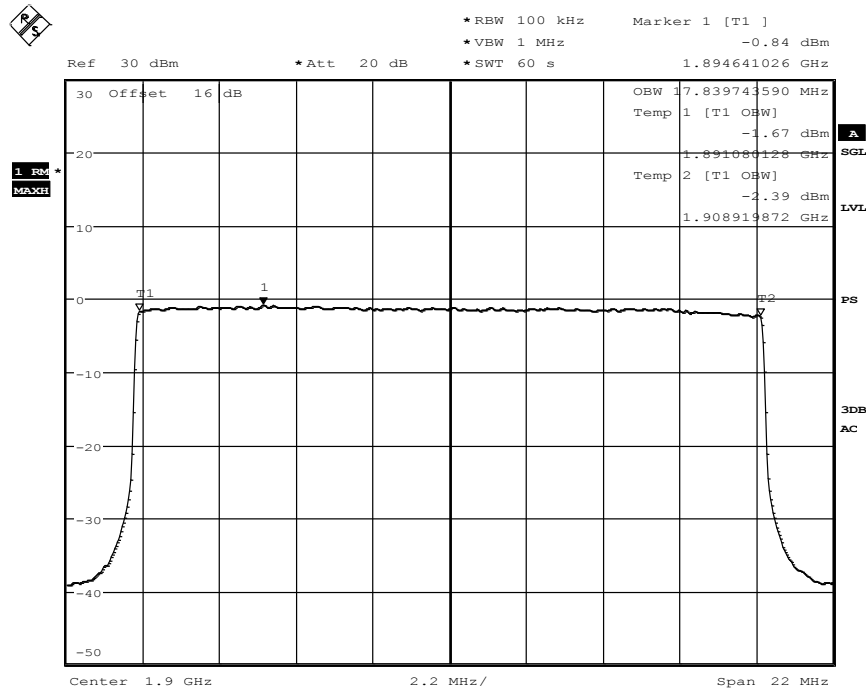
**Diagram 35.212, QPSK-Modulation**



Date: 14.JUN.2013 17:42:05

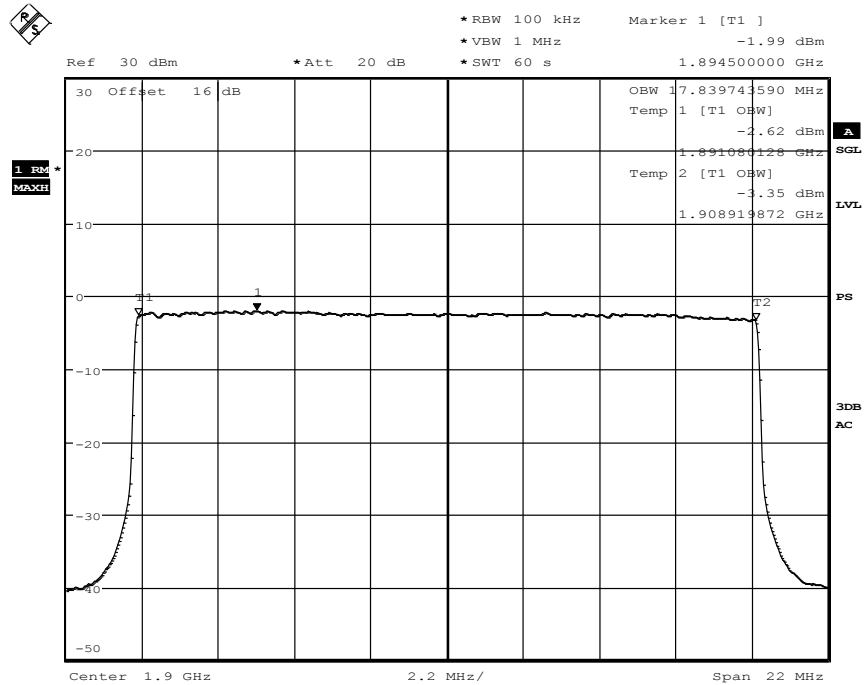
**Diagram 35.232, 16-QAM-Modulation**

**1.10.1.6. BW = 20MHz**



Date: 14.JUN.2013 17:37:18

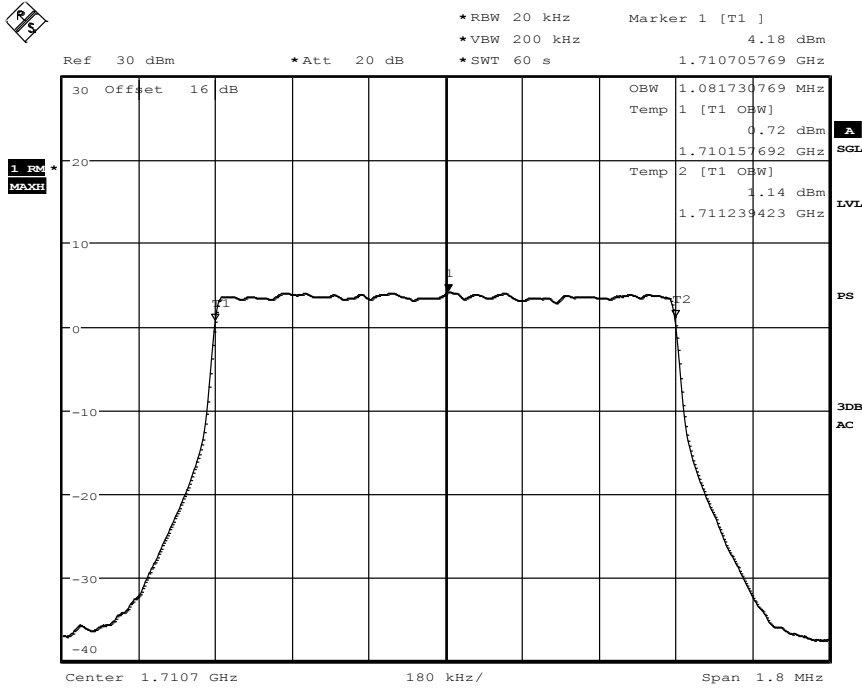
**Diagram 35.217, QPSK-Modulation**



Date: 14.JUN.2013 17:39:22

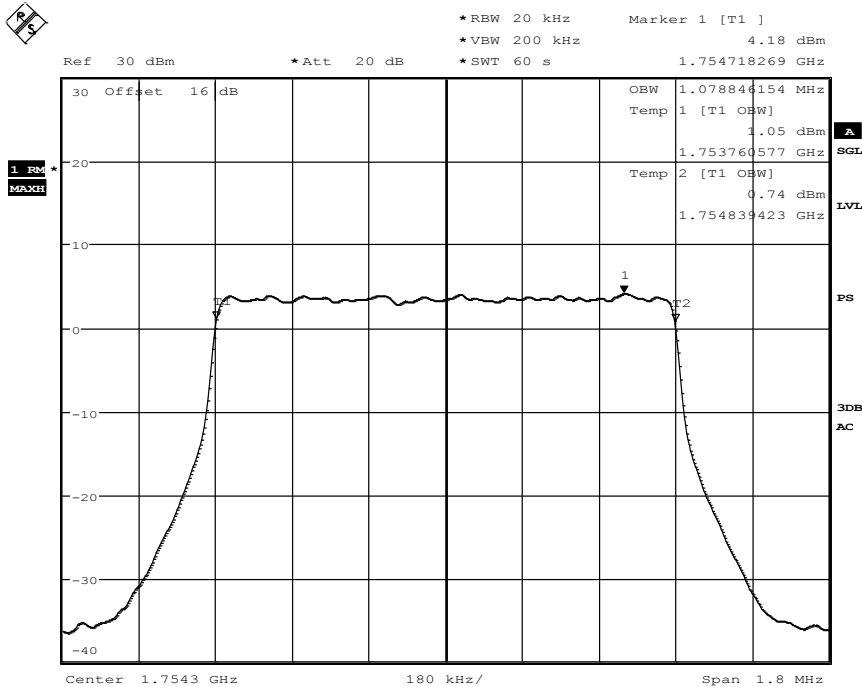
**Diagram 35.235, 16-QAM-Modulation**

**1.10.2. LTE Band IV**  
**1.10.2.1. BW = 1.4MHz**



Date: 14.JUN.2013 18:48:28

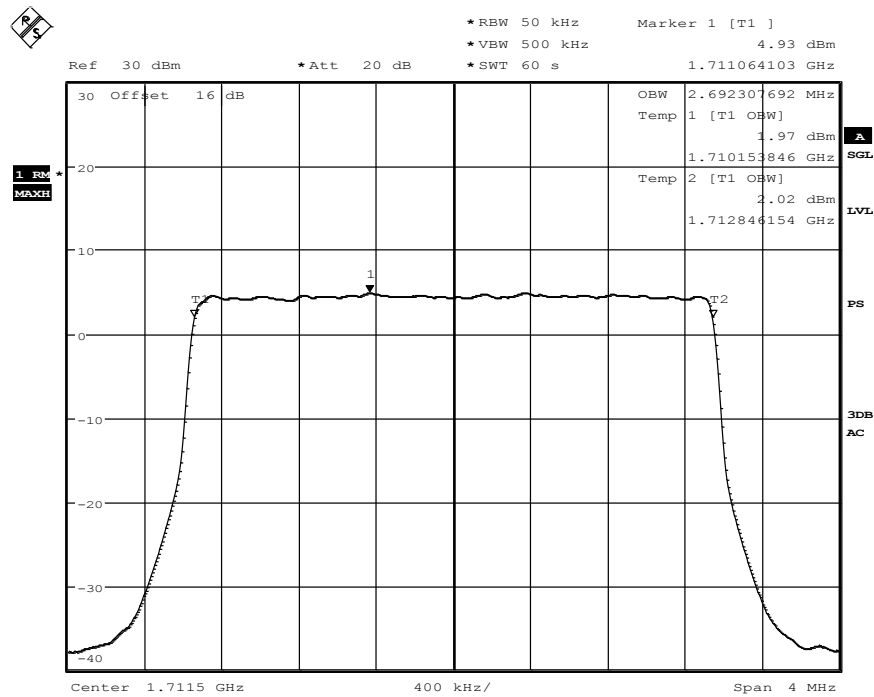
**Diagram 35.401, QPSK-Modulation**



Date: 14.JUN.2013 18:44:13

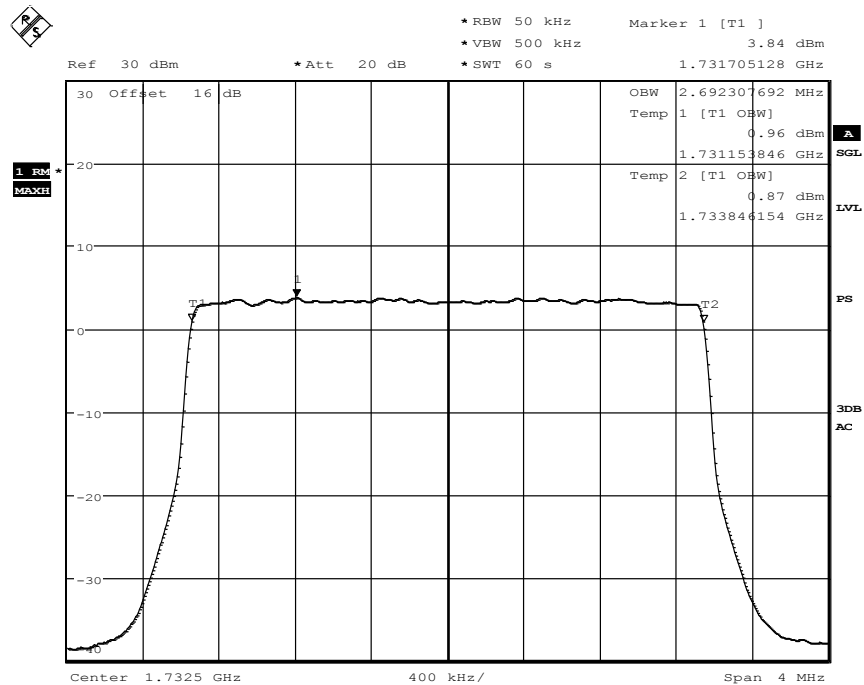
**Diagram 35.421, 16-QAM-Modulation**

1.10.2.2. BW = 3MHz



Date: 14.JUN.2013 19:13:23

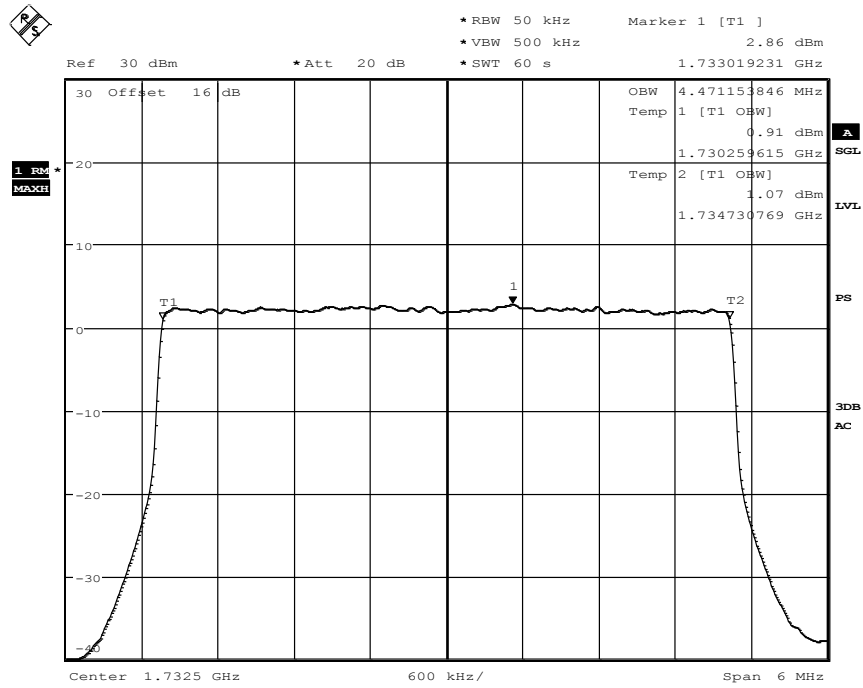
Diagram 35.404, QPSK-Modulation



Date: 14.JUN.2013 19:10:00

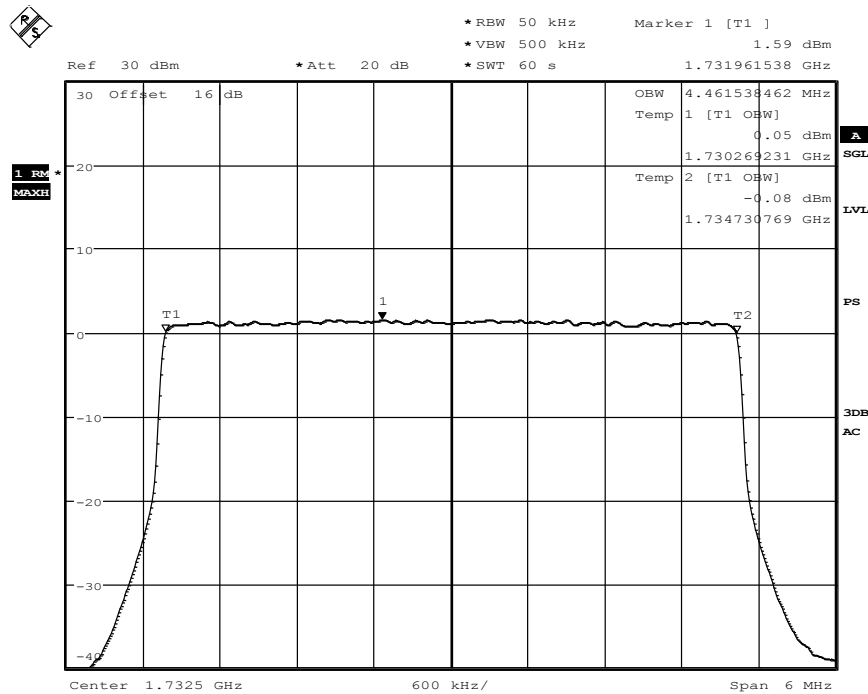
Diagram 35.423, 16-QAM-Modulation

**1.10.2.3. BW = 5MHz**



Date: 14.JUN.2013 20:10:11

**Diagram 35.408, QPSK-Modulation**

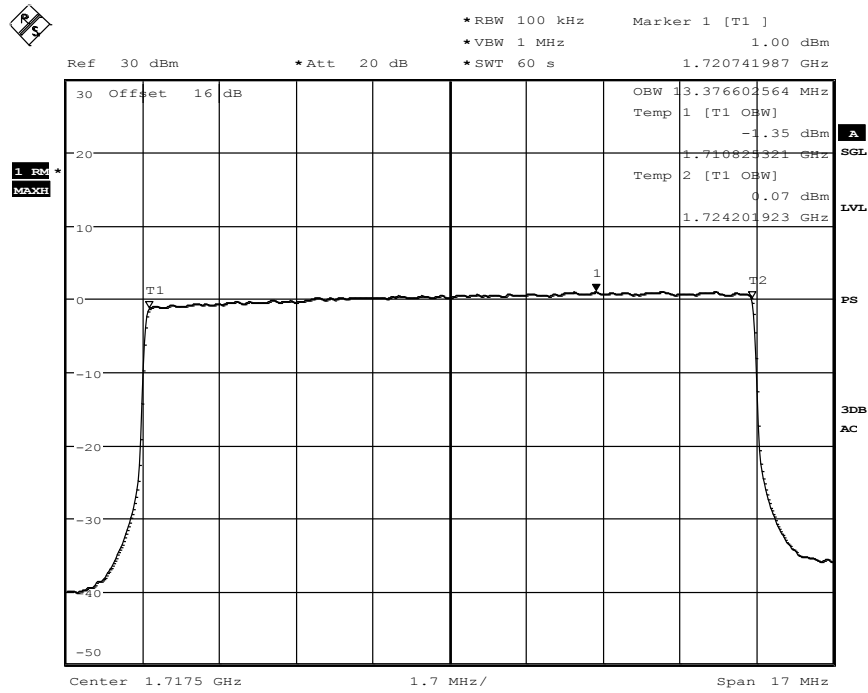


Date: 14.JUN.2013 20:12:48

**Diagram 35.426, 16-QAM-Modulation**

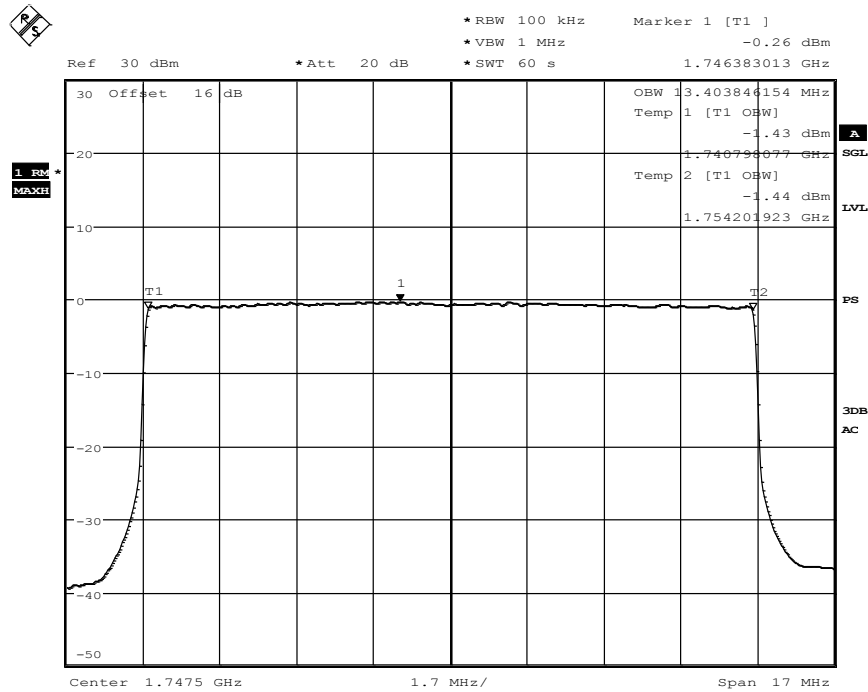


1.10.2.5. BW = 15MHz



Date: 14.JUN.2013 20:50:47

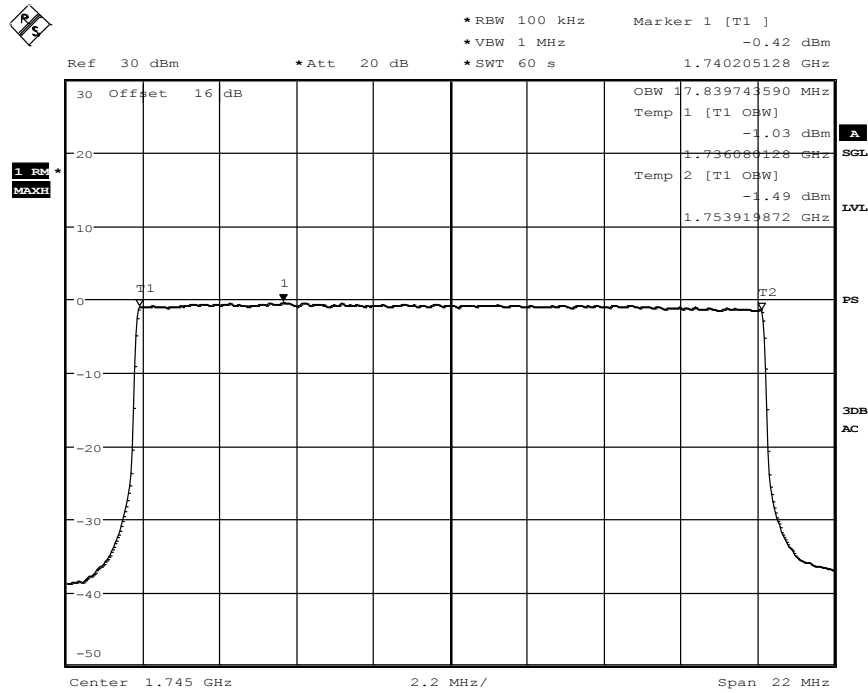
Diagram 35.413, QPSK-Modulation



Date: 14.JUN.2013 20:48:15

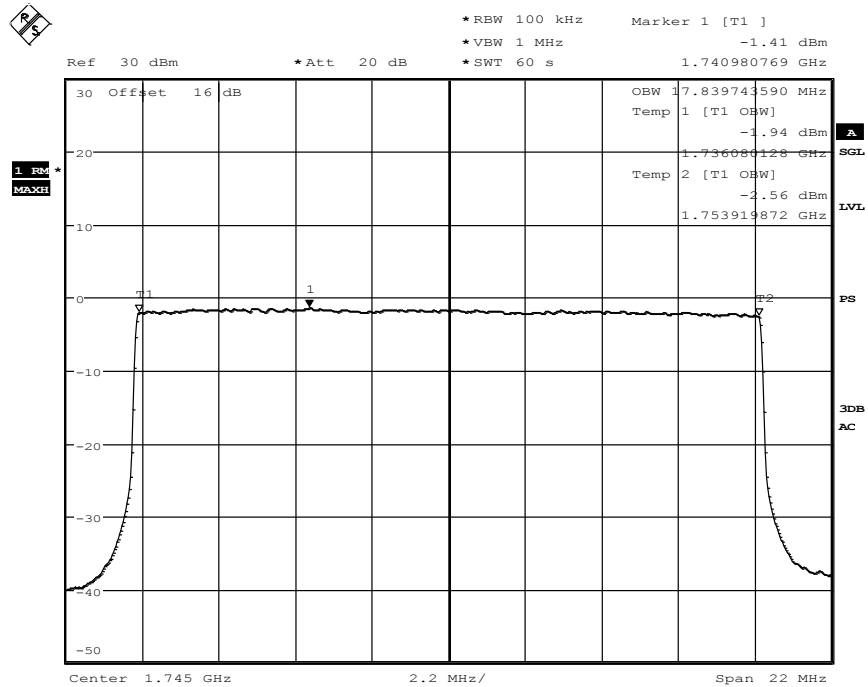
Diagram 35.433, 16-QAM-Modulation

**1.10.2.6. BW = 20MHz**



Date: 14.JUN.2013 21:13:38

**Diagram 35.418, QPSK-Modulation**

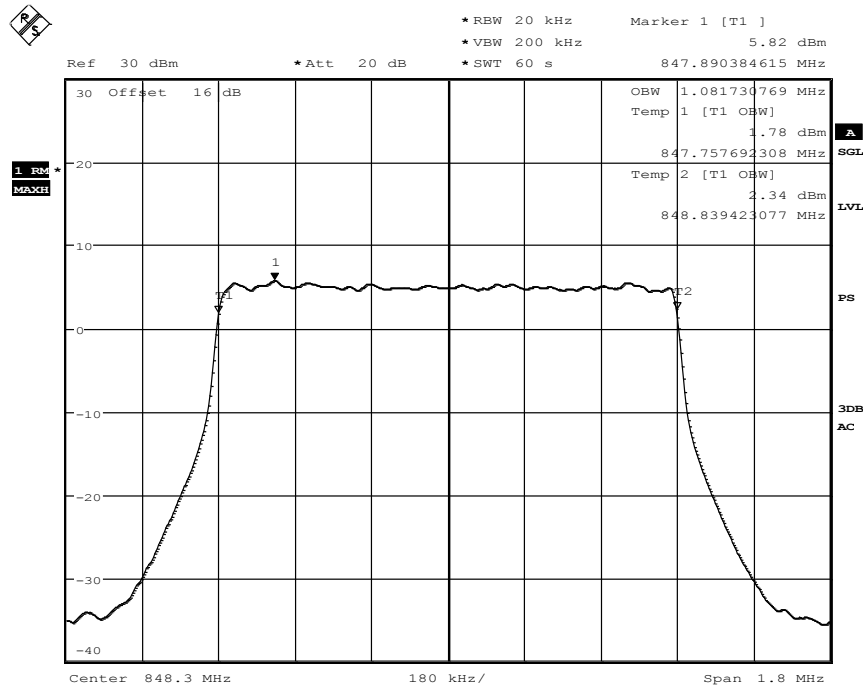


Date: 14.JUN.2013 21:15:09

**Diagram 35.436, 16-QAM-Modulation**

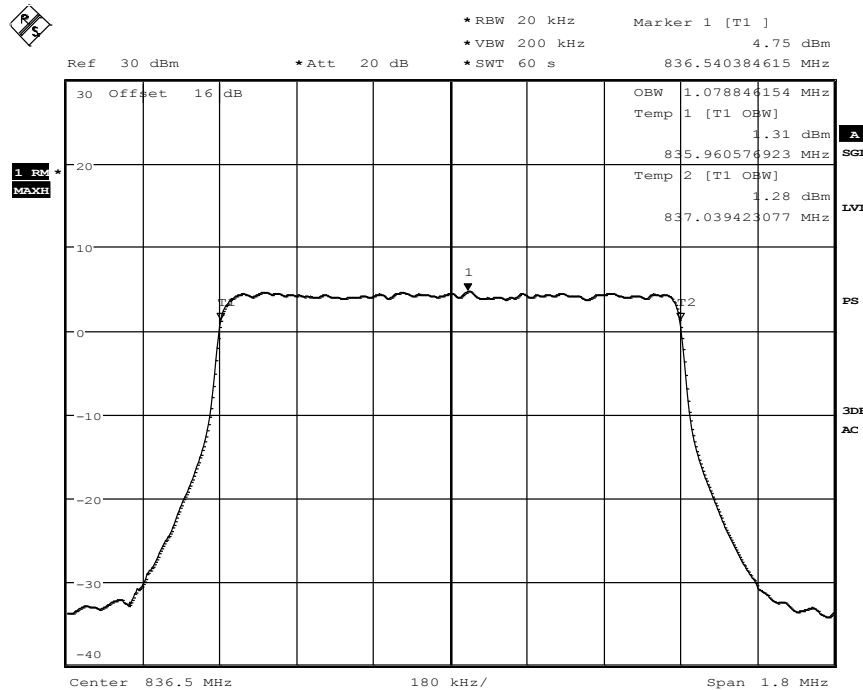


**1.10.3. LTE Band V**  
**1.10.3.1. BW = 1.4MHz**



Date: 14.JUN.2013 21:45:05

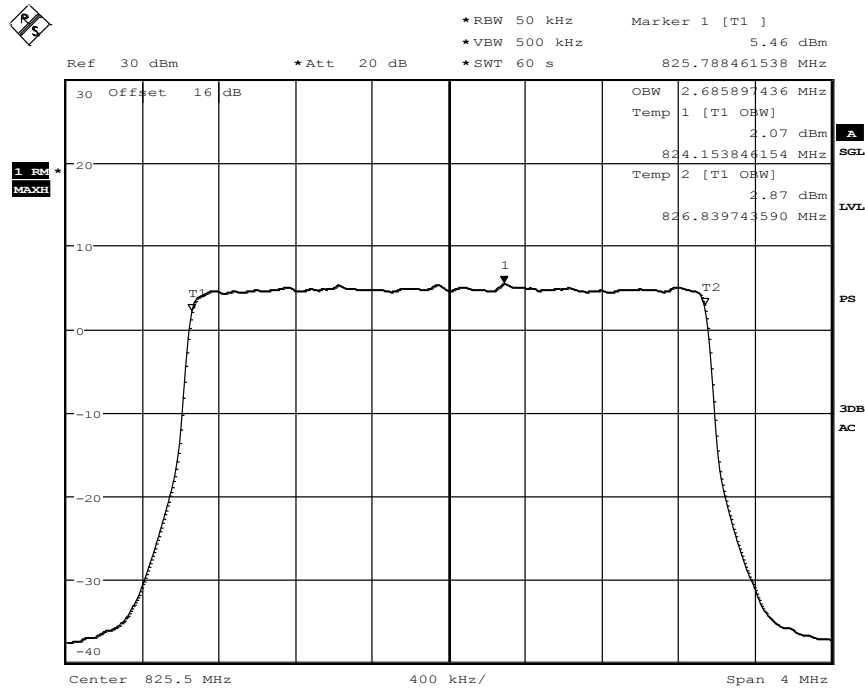
**Diagram 35.503, QPSK-Modulation**



Date: 14.JUN.2013 21:47:42

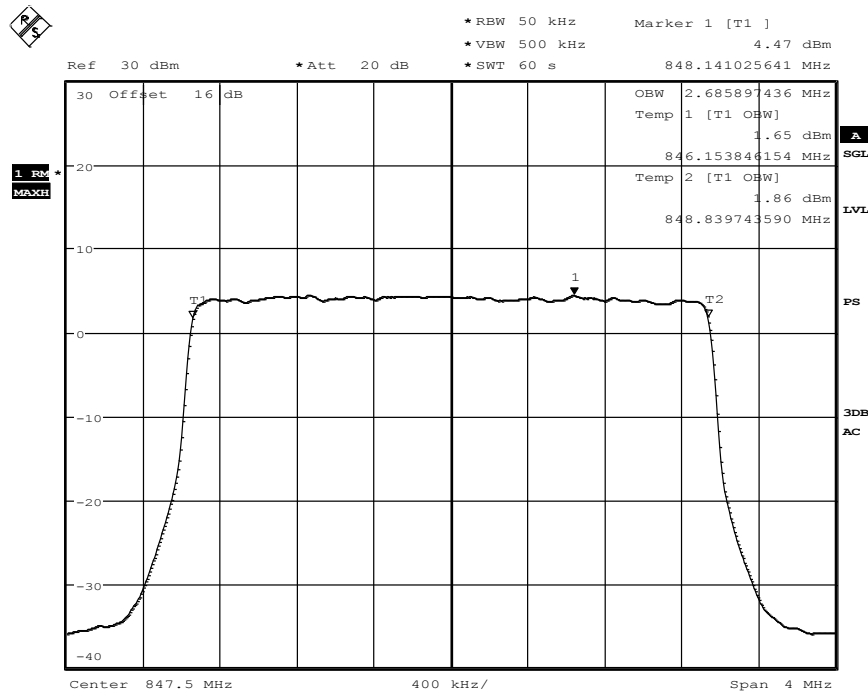
**Diagram 35.514, 16-QAM-Modulation**

**1.10.3.2. BW = 3.0MHz**



Date: 14.JUN.2013 22:11:05

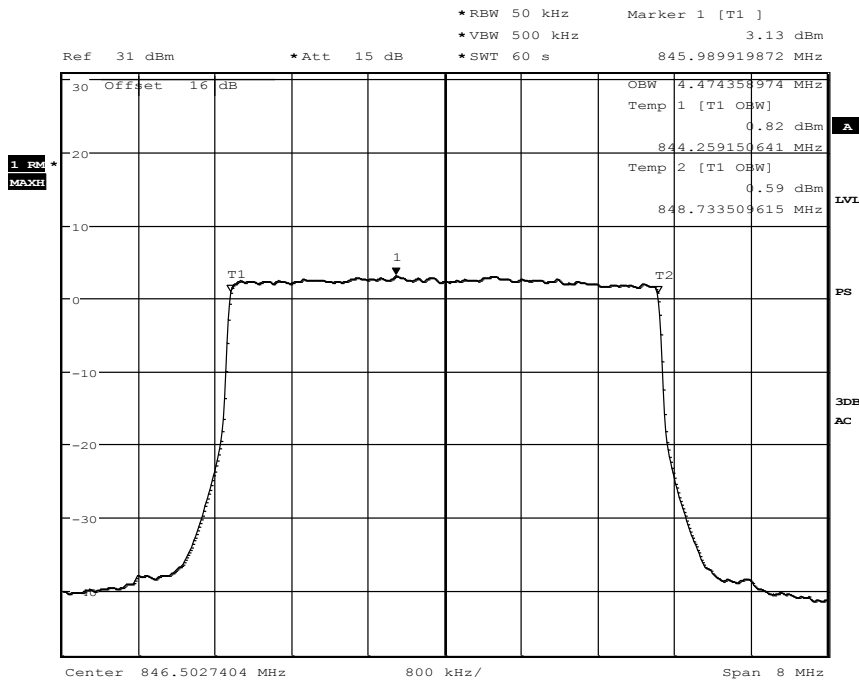
**Diagram 35.504, QPSK-Modulation**



Date: 14.JUN.2013 22:08:11

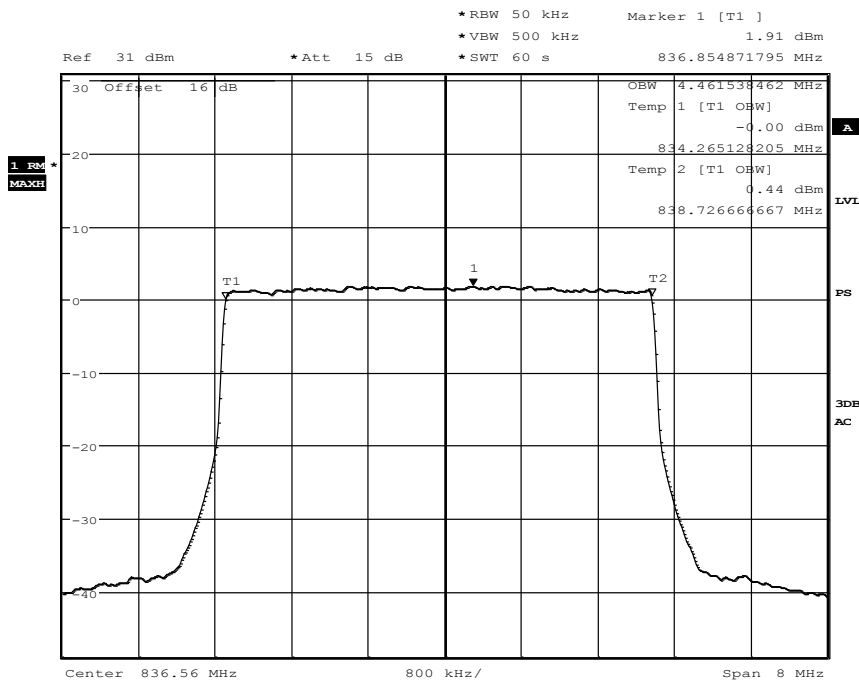
**Diagram 35.518, 16-QAM-Modulation**

**1.10.3.3. BW = 5MHz**



Date: 19.JUN.2013 10:54:50

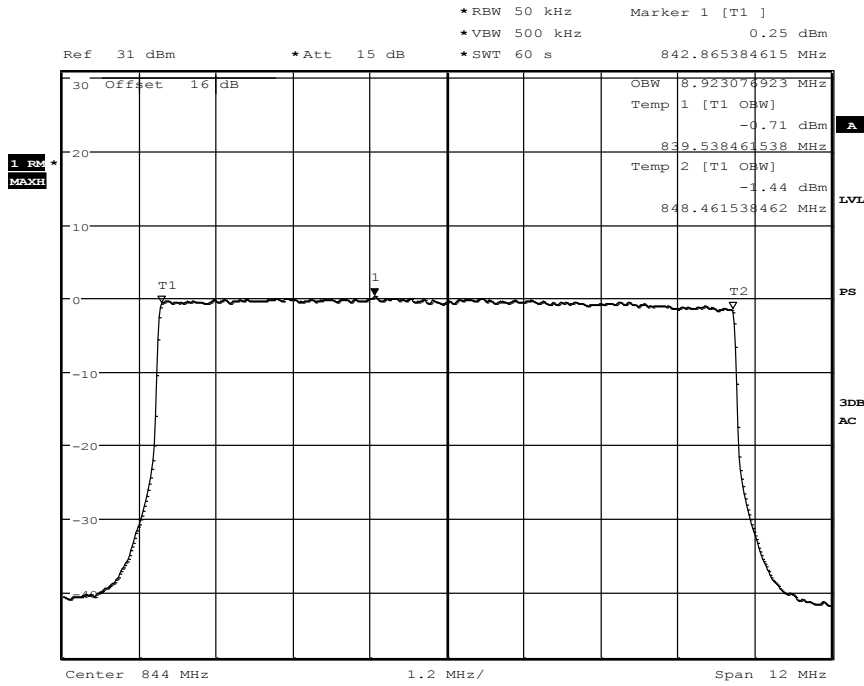
**Diagram 35.509, QPSK-Modulation**



Date: 19.JUN.2013 11:34:22

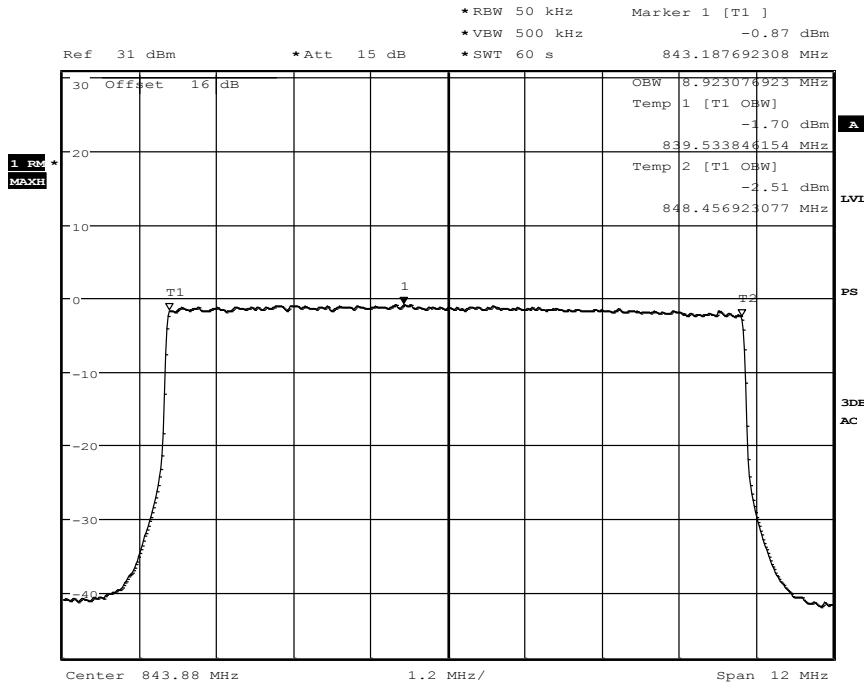
**Diagram 35.520, 16-QAM-Modulation**

1.10.3.4. BW = 10MHz



Date: 19.JUN.2013 11:16:51

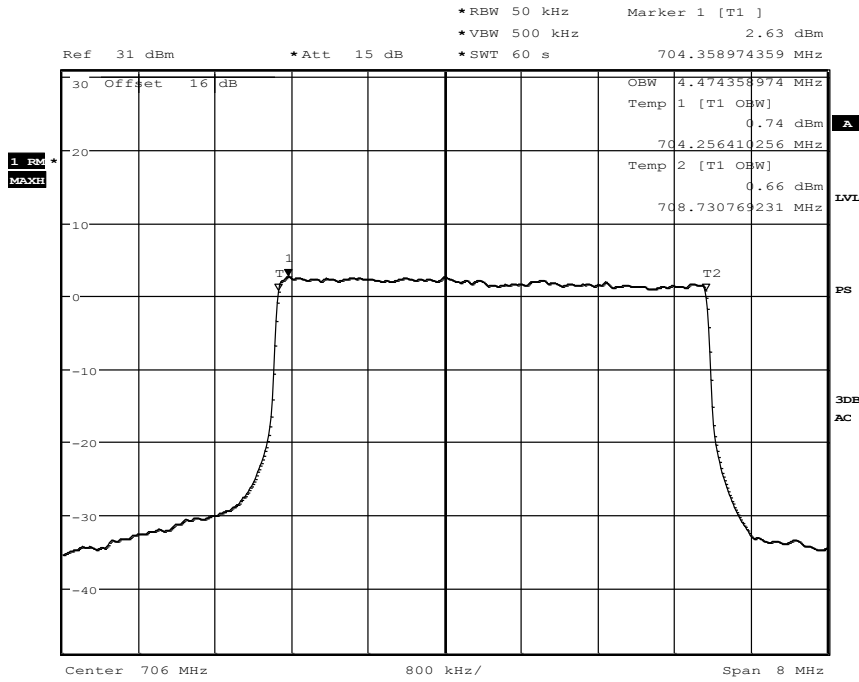
Diagram 35.512, QPSK-Modulation



Date: 19.JUN.2013 11:55:51

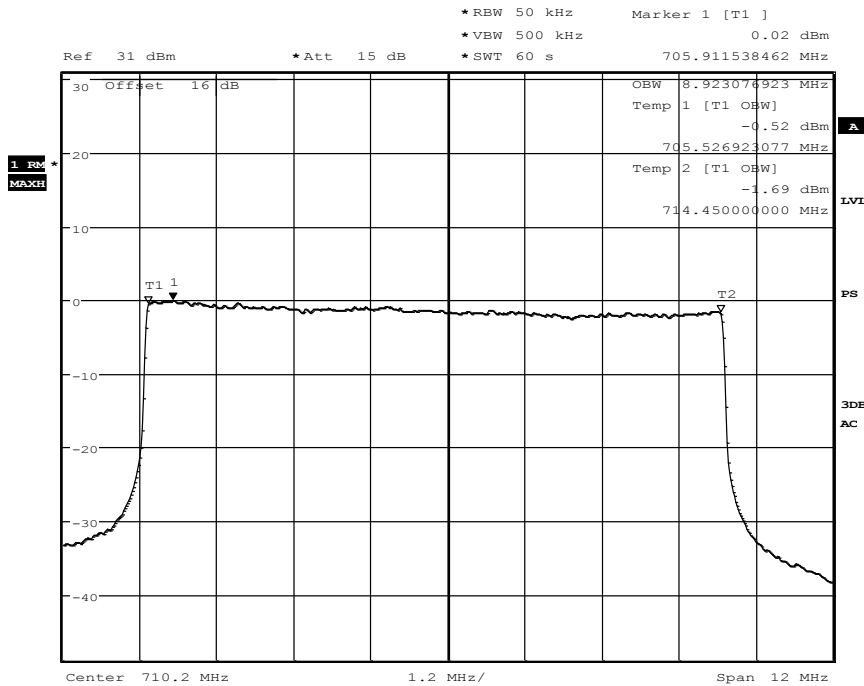
Diagram 35.524, 16-QAM-Modulation

**1.10.4. LTE Band XVII**  
**1.10.4.1. BW = 5MHz**



Date: 19.JUN.2013 12:14:42

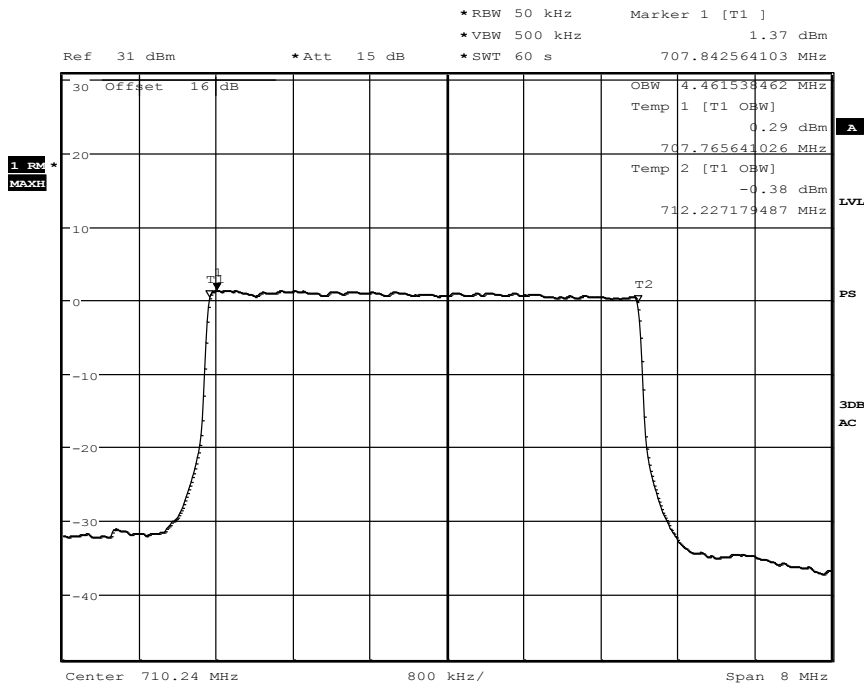
**Diagram 35.171, QPSK-Modulation**



Date: 19.JUN.2013 12:52:41

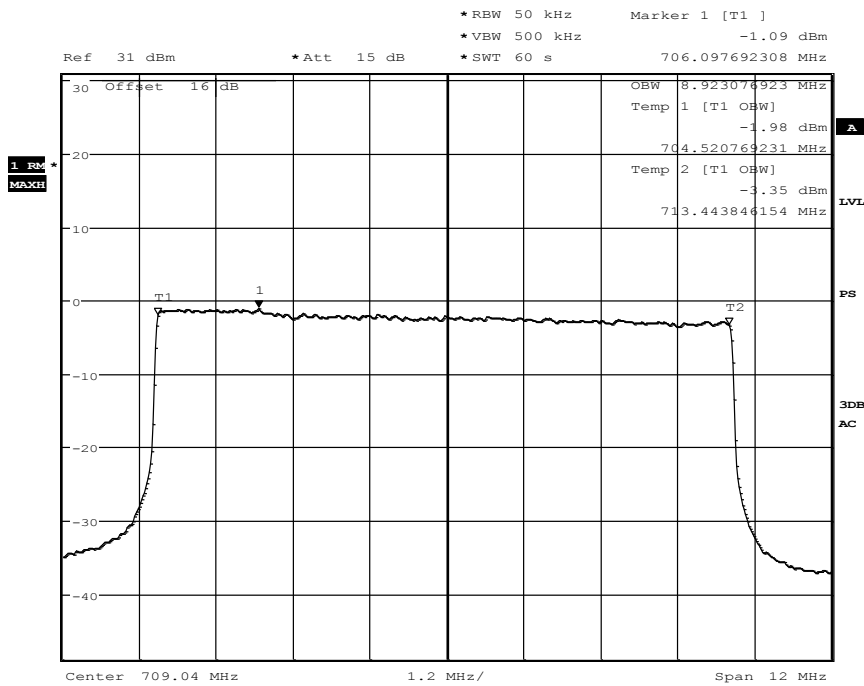
**Diagram 35.178, 16-QAM-Modulation**

**1.10.4.2. BW = 10MHz**



Date: 19.JUN.2013 13:04:17

**Diagram 35.175, QPSK-Modulation**



Date: 19.JUN.2013 13:13:49

**Diagram 35.180, 16-QAM-Modulation**

## 1.11. Spurious emissions conducted (LTE Band II)

Diagram No.: 36.20a\_Ch18607\_BW1,4\_1RB\_QPSK

### Common Information

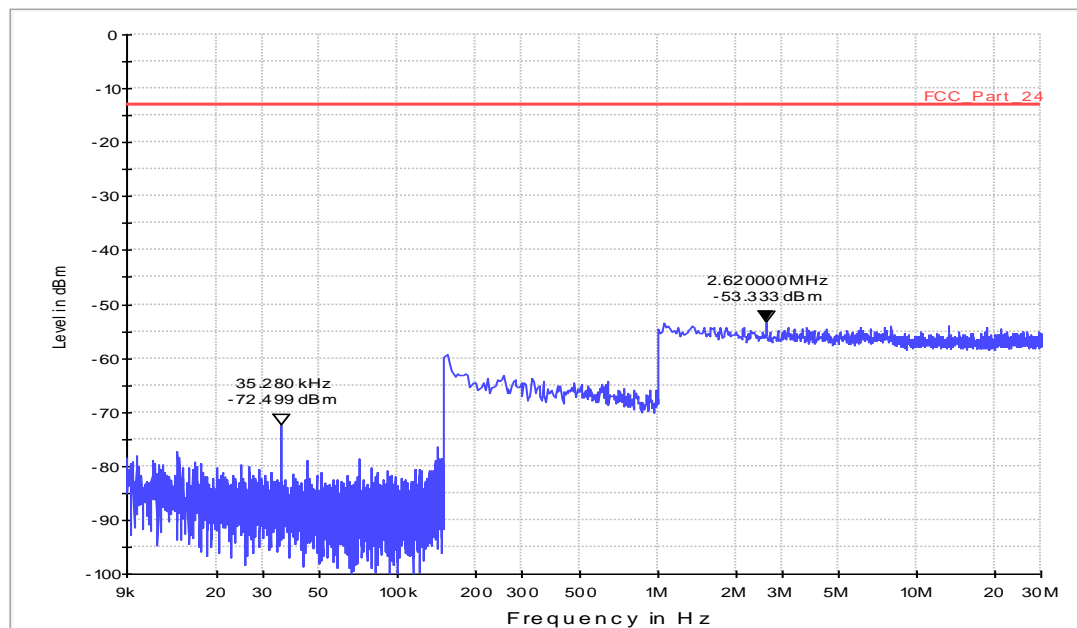
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18607

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.20b\_Ch18607\_BW1,4\_1RB\_QAM

### Common Information

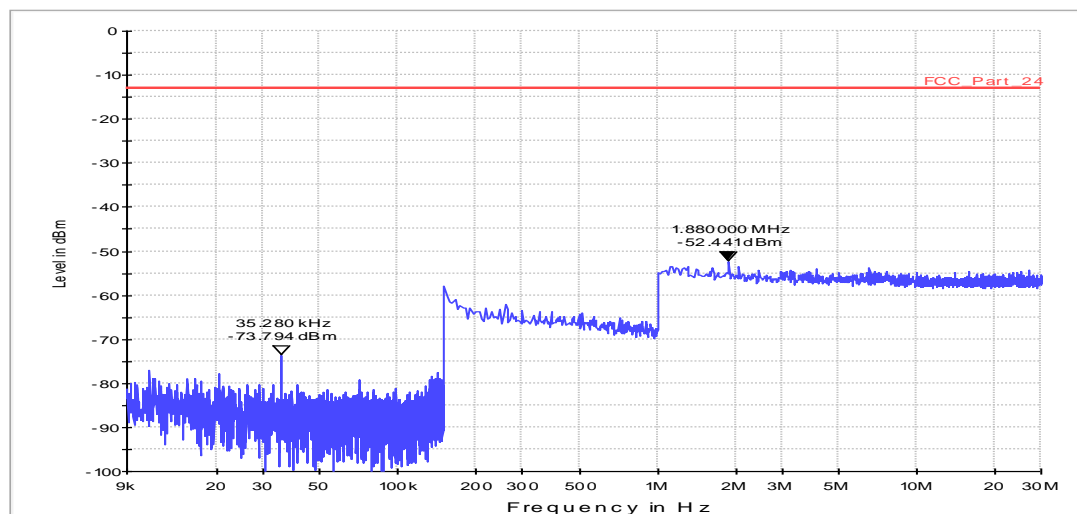
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18607

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB



## Diagram No.: 36.21a\_Ch18607\_BW1,4\_1RB\_QPSK

### Common Information

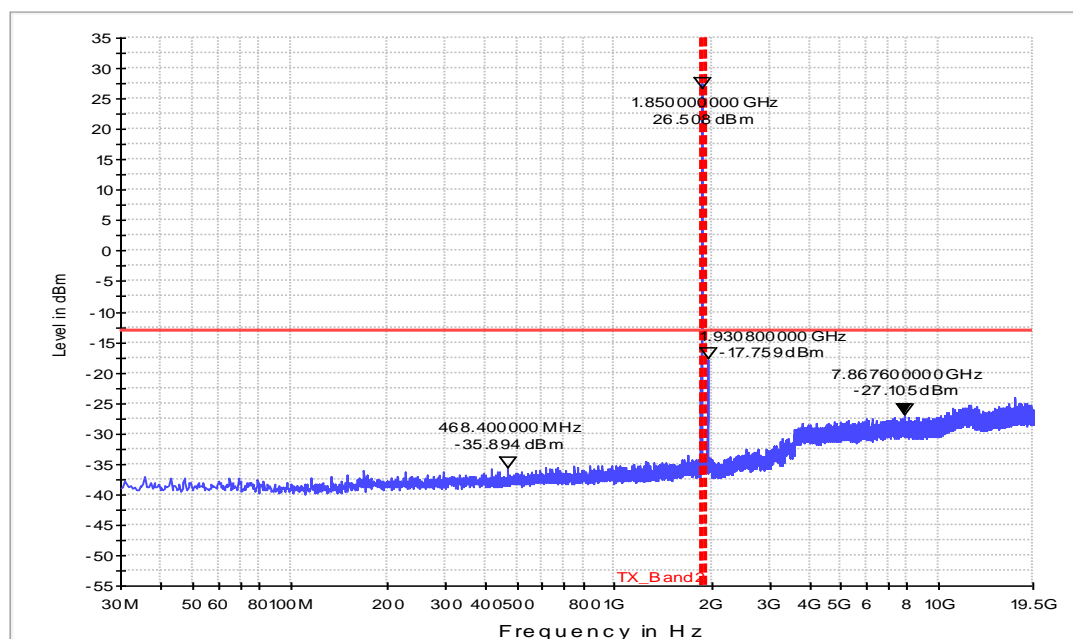
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18607

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz



### Scan Setup: Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 19.5 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.21b\_Ch18607\_BW1,4\_1RB\_QAM

### Common Information

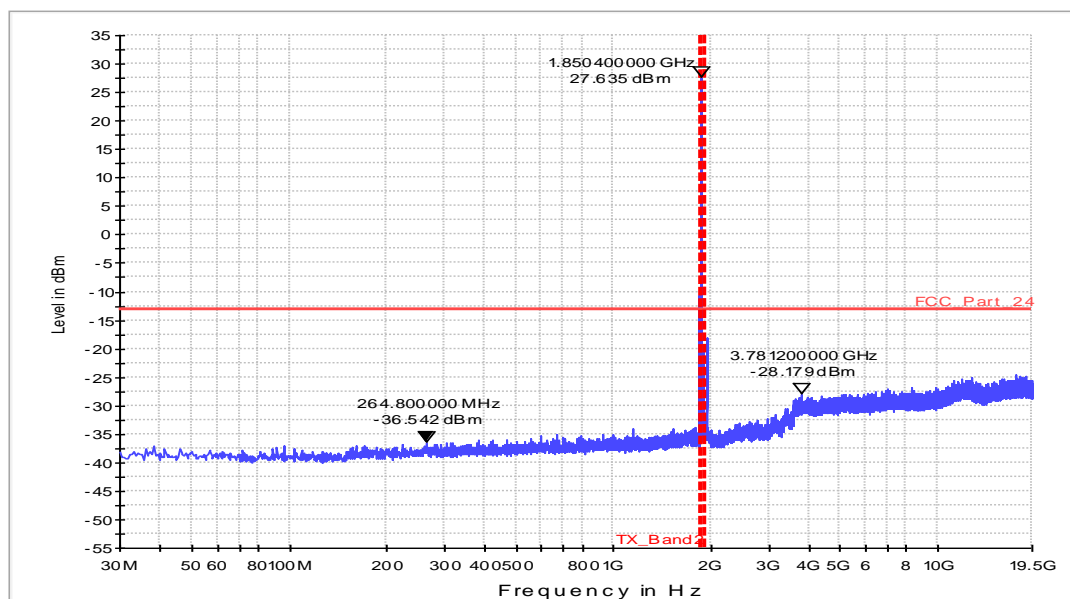
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18607

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz



### Scan Setup: Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 19.5 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.22a\_Ch18900\_BW10\_25RB\_QPSK

### Common Information

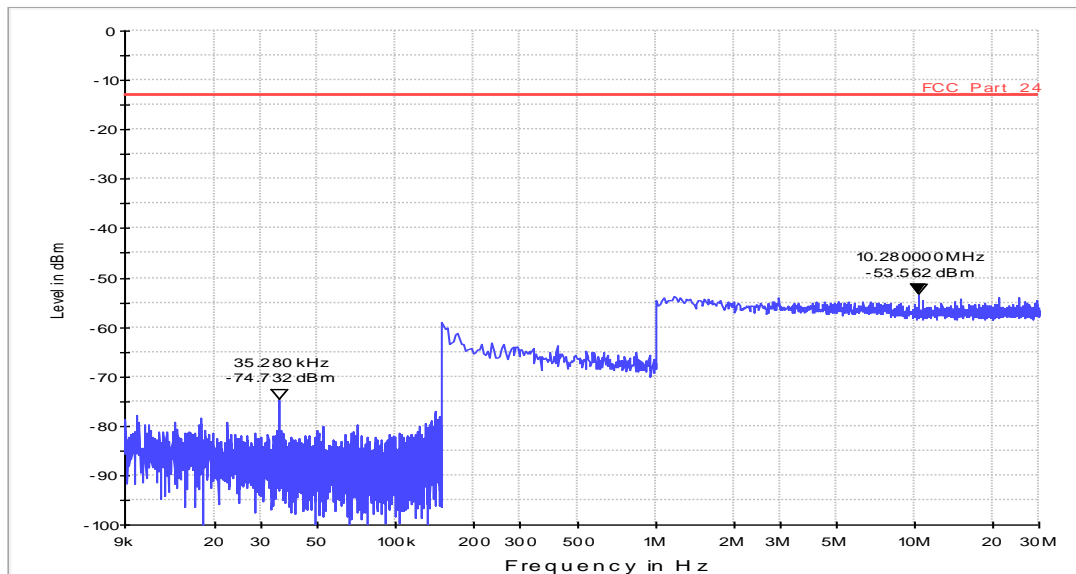
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18900

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.22b\_Ch18900\_BW10\_30RB\_QAM

### Common Information

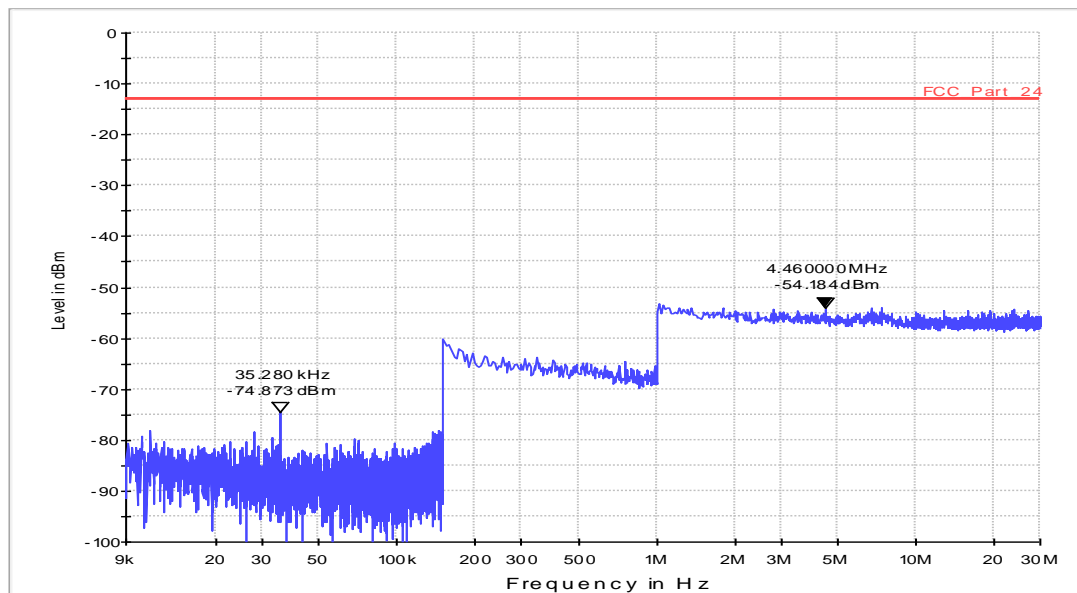
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18900

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.23a\_Ch18900\_BW10\_25RB\_QPSK

### Common Information

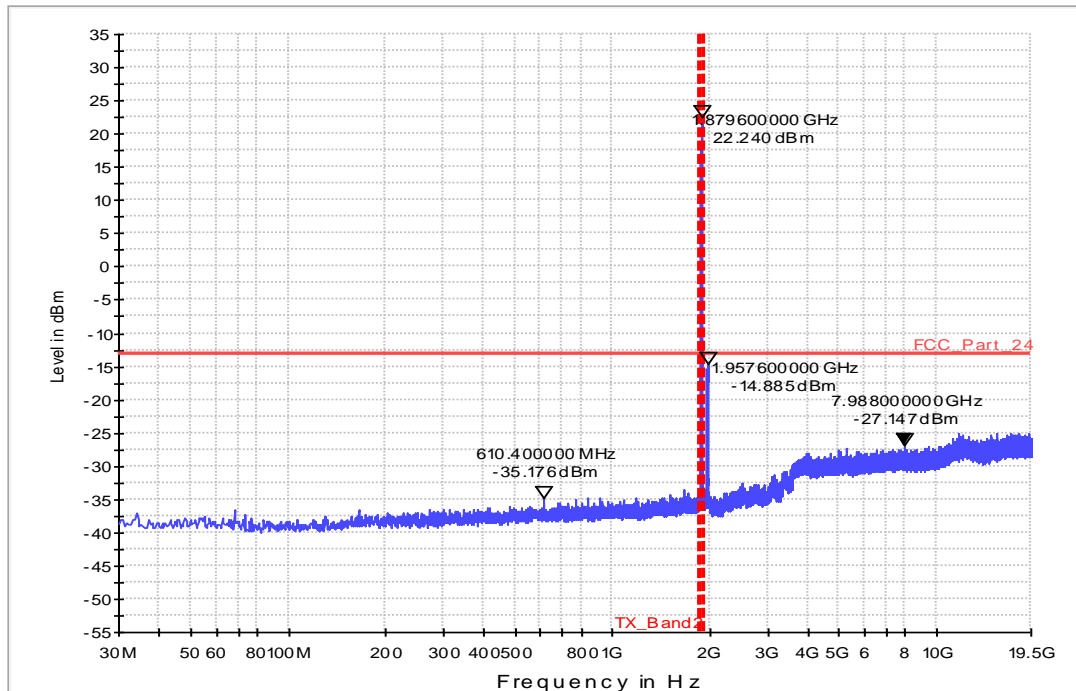
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18607

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz



### Scan Setup: Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 19.5 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.23b\_Ch18900\_BW10\_25RB\_QAM

### Common Information

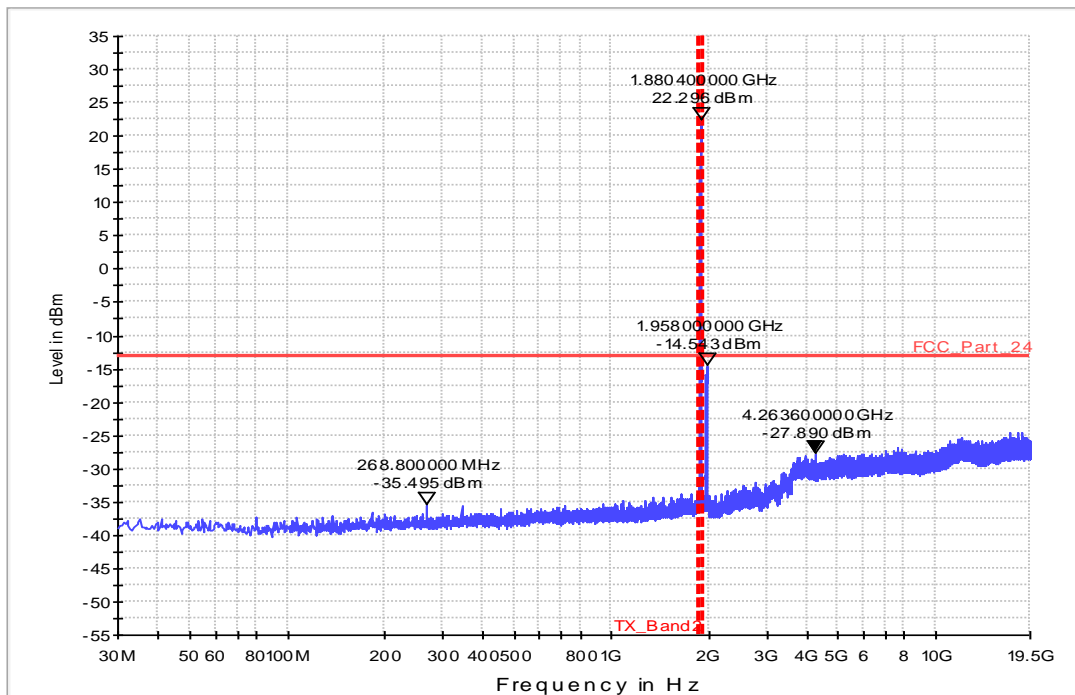
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 18900

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz



### Scan Setup: Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 19.5 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.24a\_Ch19100\_BW20\_100RB\_QPSK

### Common Information

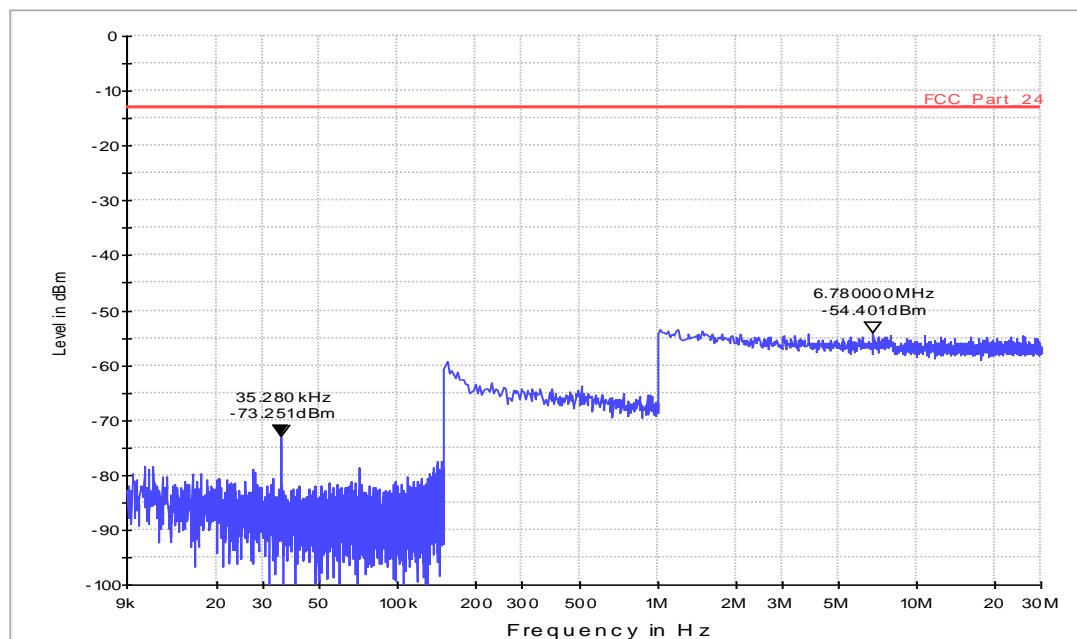
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19100

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

-----  
 HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.24b\_Ch19100\_BW20\_100RB\_QAM

### Common Information

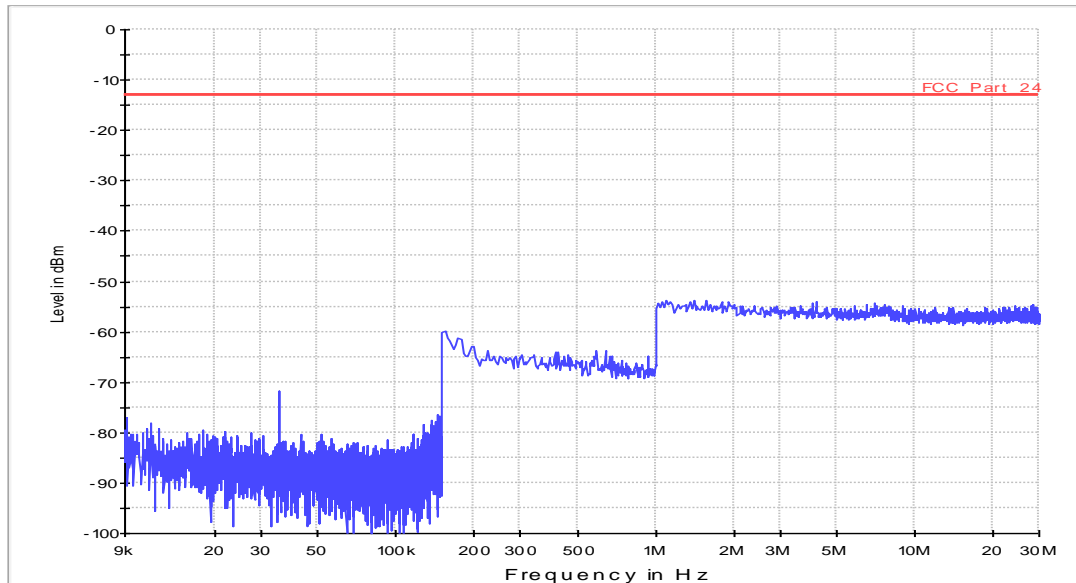
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19100

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_24\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB



## Diagram No.: 36.25a\_Ch19100\_BW20\_100RB\_QPSK

### Common Information

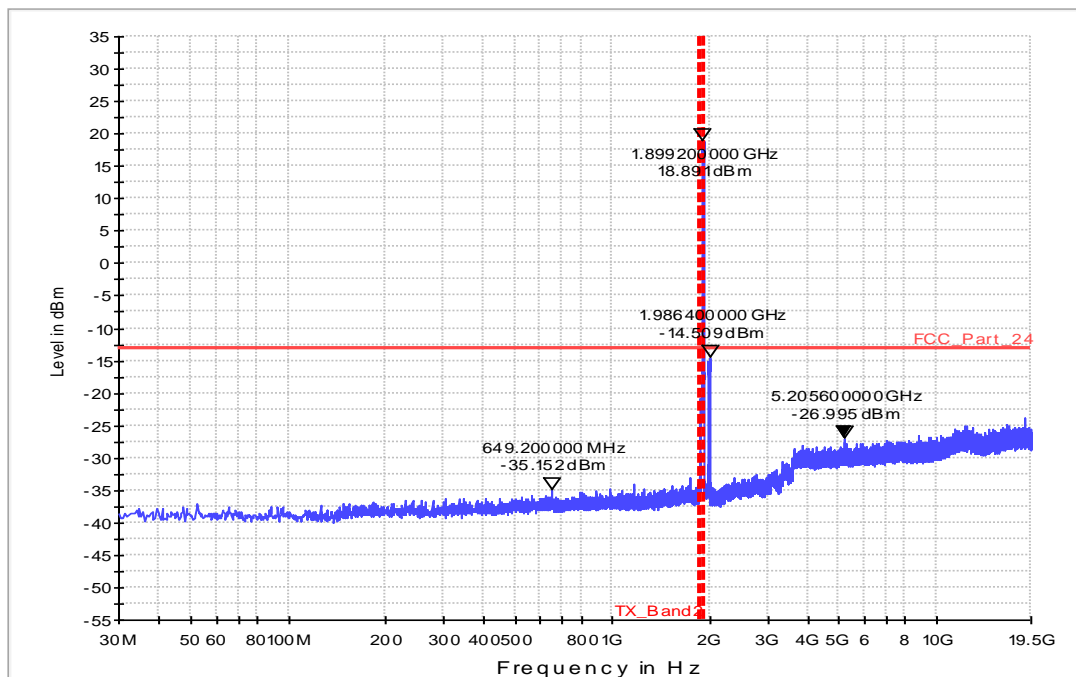
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19100

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz



### Scan Setup: Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 19.5 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.25b\_Ch19100\_BW20\_100RB\_QAM

### Common Information

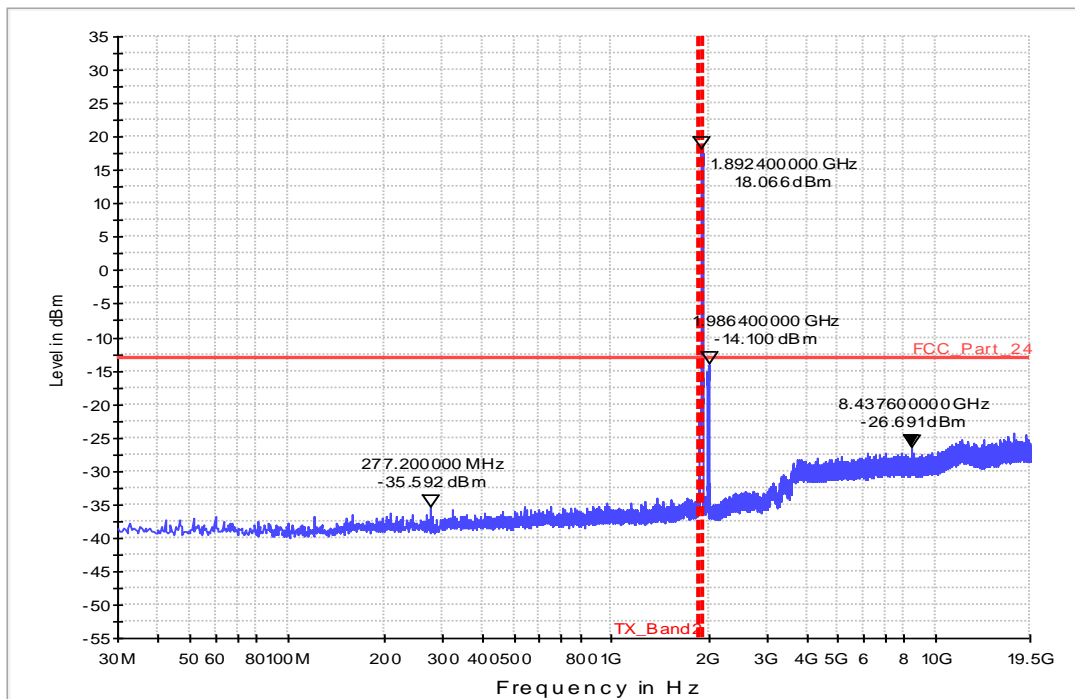
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19100

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz



### Scan Setup: Fula2\_FCC\_24\_Scan2\_30MHz\_19.5GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamplifier
30 MHz - 19.5 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## 1.12. Spurious emissions conducted (LTE Band IV)

Diagram No.: 36.40a\_Ch19957\_BW1,4\_RB1\_QPSK

### Common Information

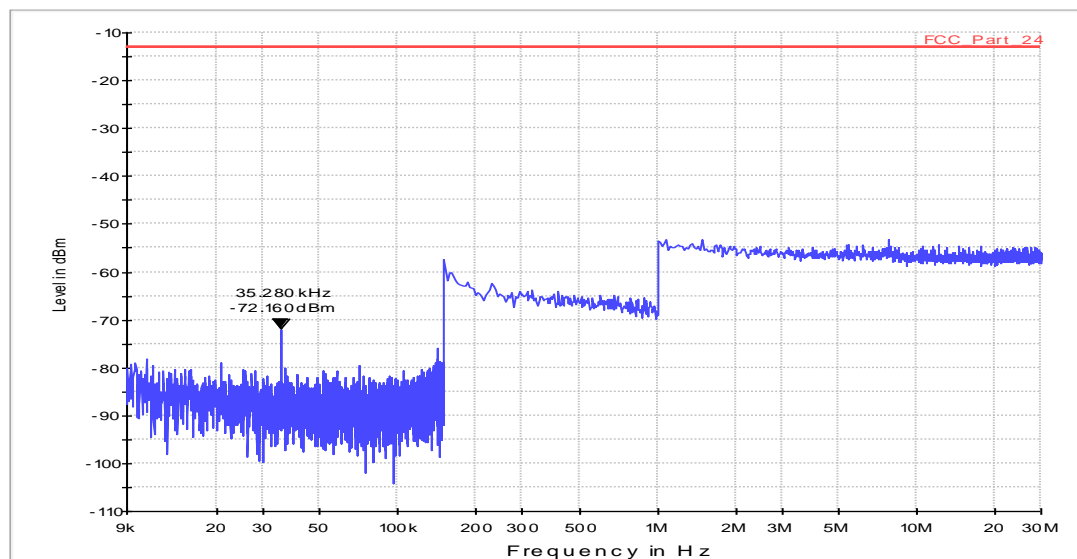
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19957

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.40b\_Ch19957\_BW1,4\_RB1\_QAM

### Common Information

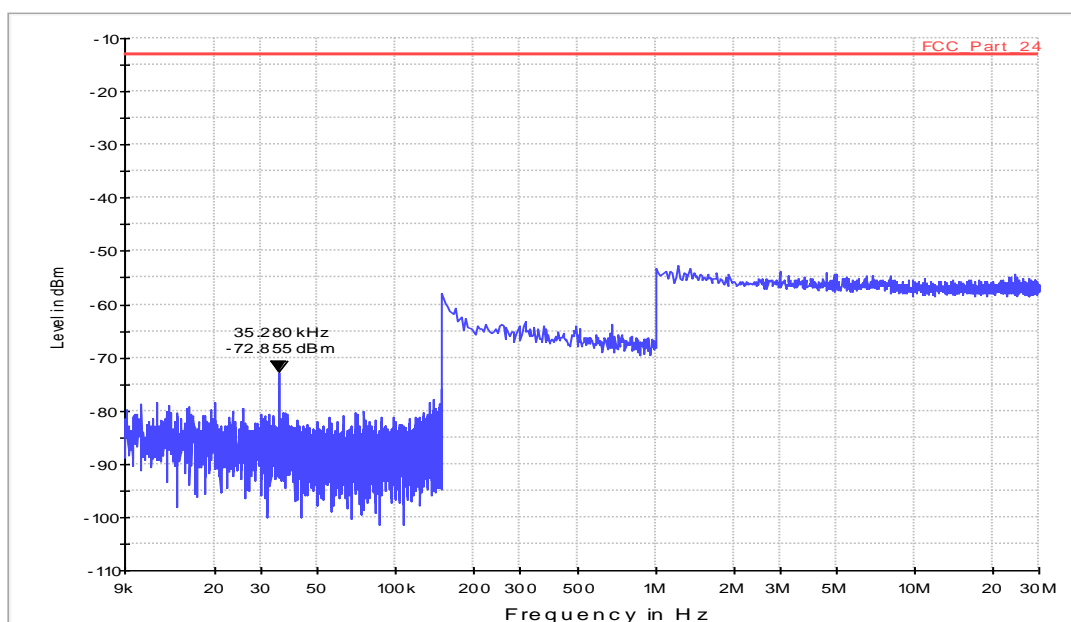
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19957

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

-----  
 HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.41a\_Ch20175\_BW10\_12RB\_QPSK

### Common Information

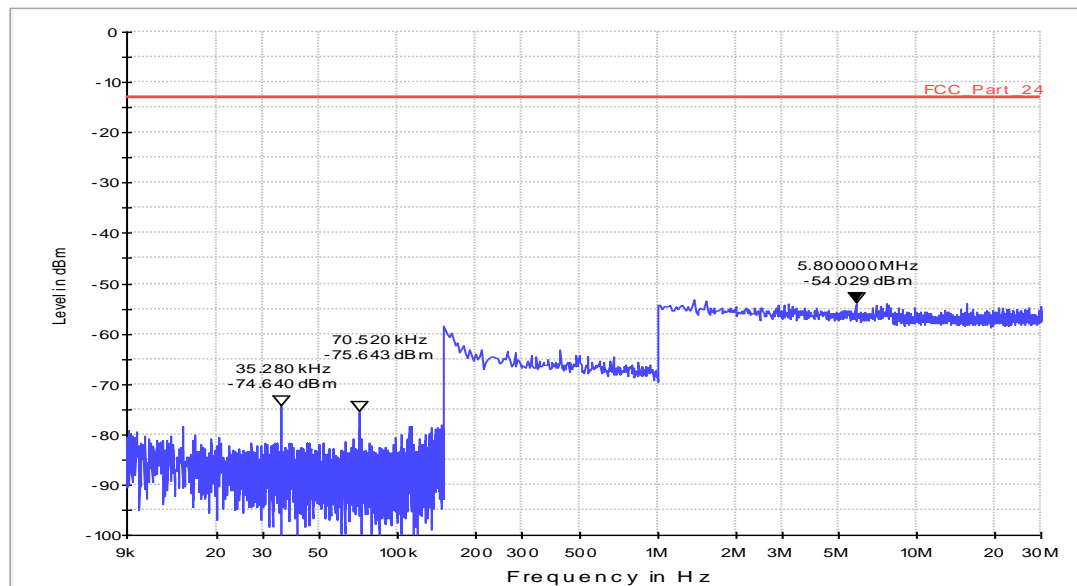
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20175

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.41b\_Ch20175\_BW10\_12RB\_QAM

### Common Information

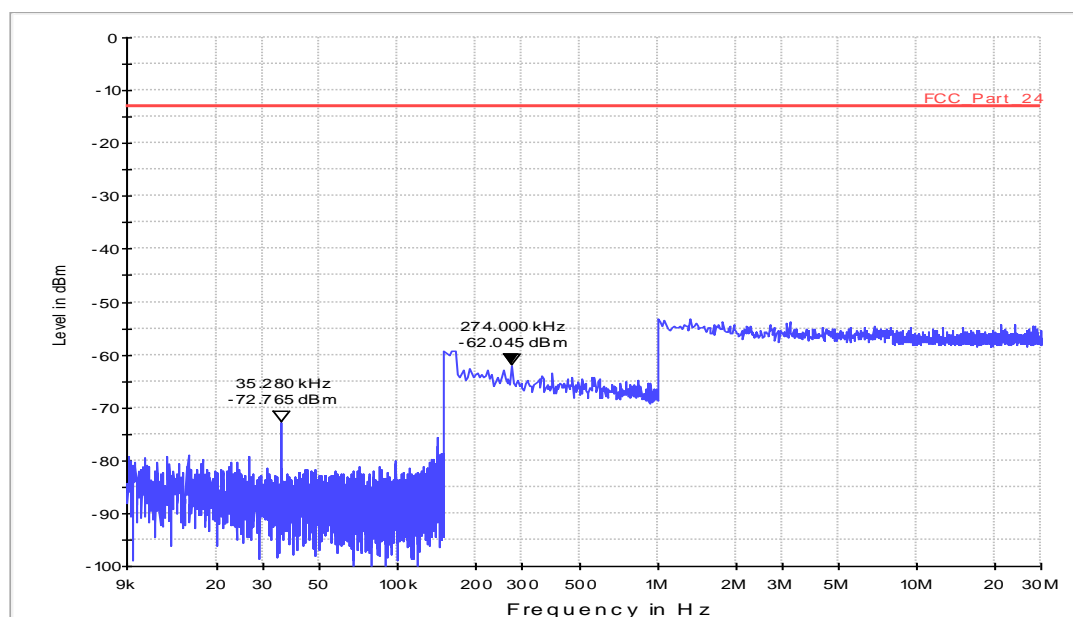
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20175

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.42a\_Ch20393\_BW20\_100RB\_QPSK

### Common Information

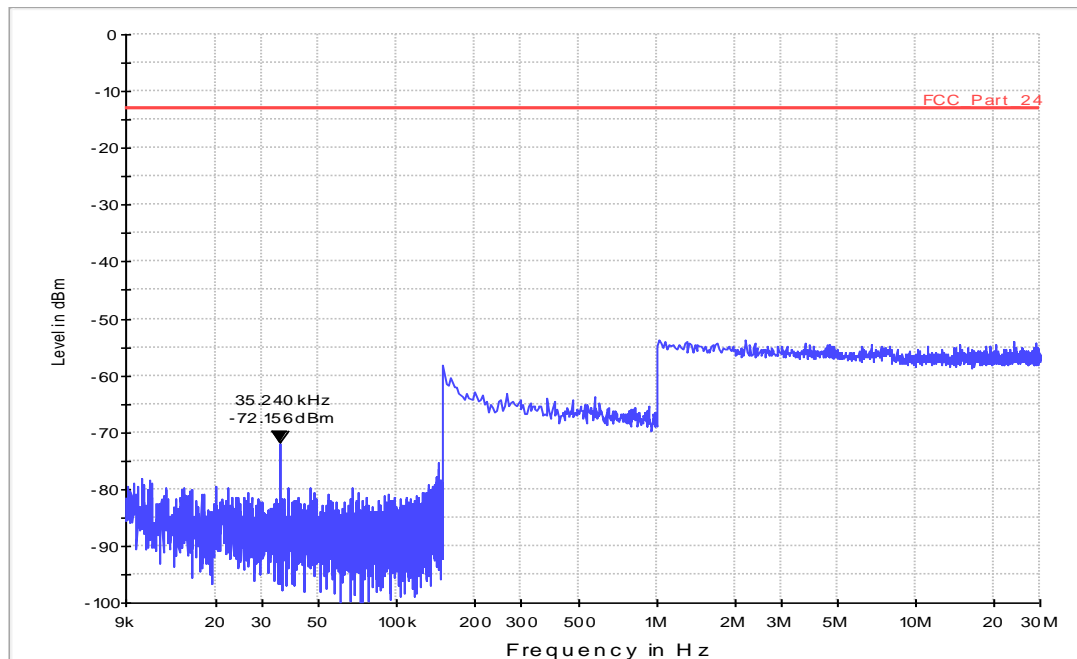
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20393

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.42b\_Ch20393\_BW20\_100RB\_QAM

### Common Information

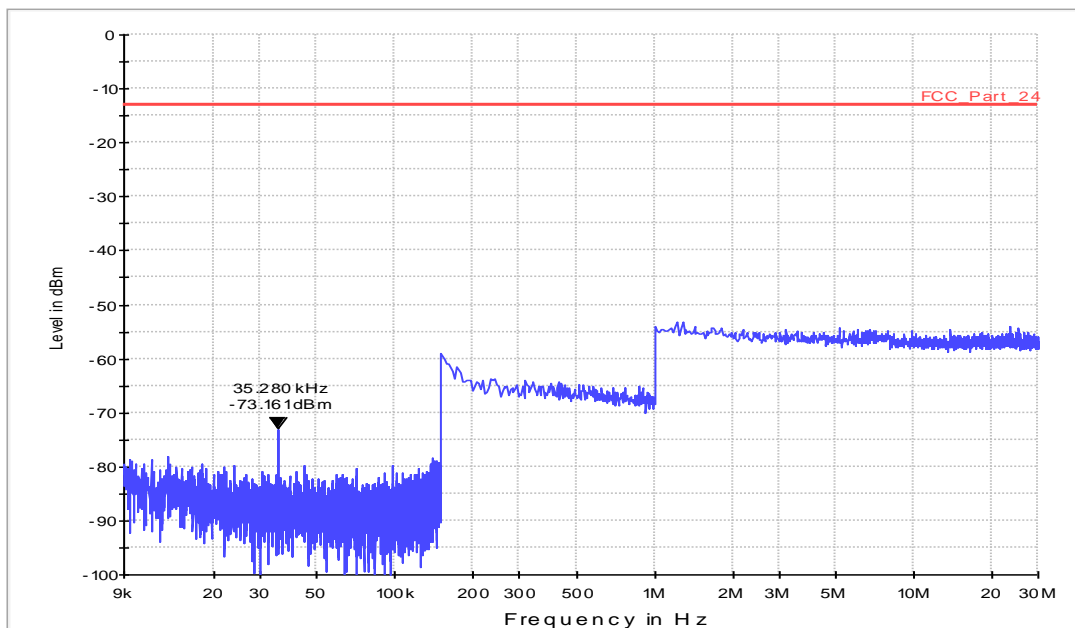
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20393

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.01 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.01 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB



## Diagram No.: 36.43a\_Ch19957\_BW1,4\_RB1\_QPSK

### Common Information

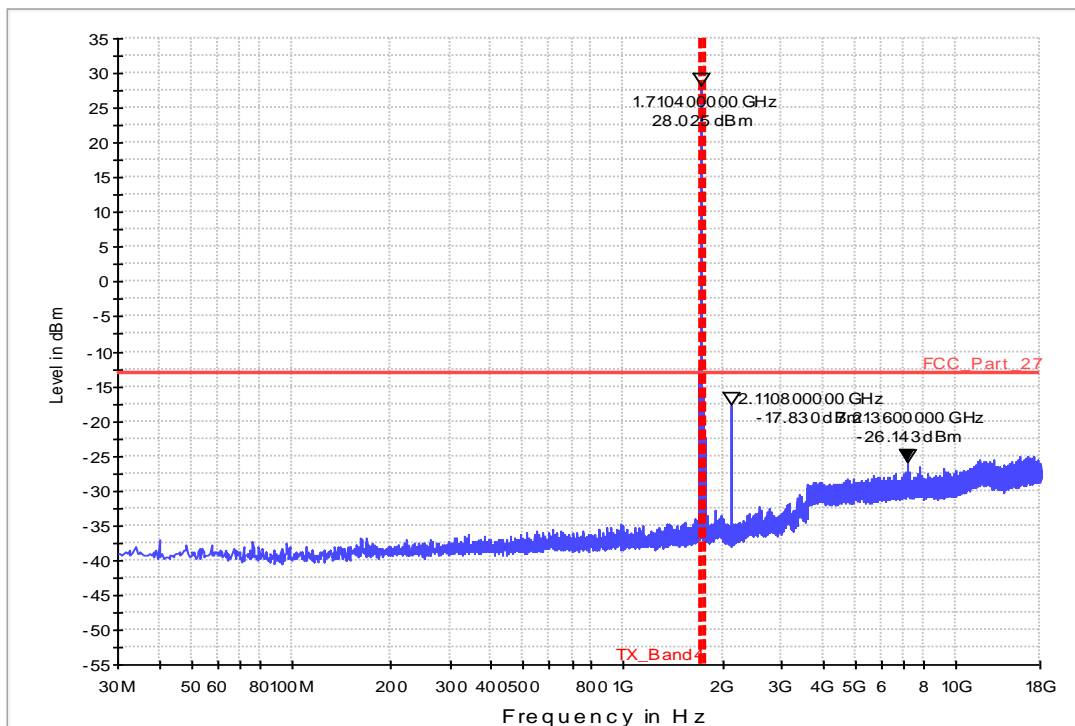
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19957

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 18 GHz	400 kHz	PK+	1 MHz	0.005 s	0 dB

## Diagram No.: 36.43b\_Ch19957\_BW1,4\_RB1\_QAM

### Common Information

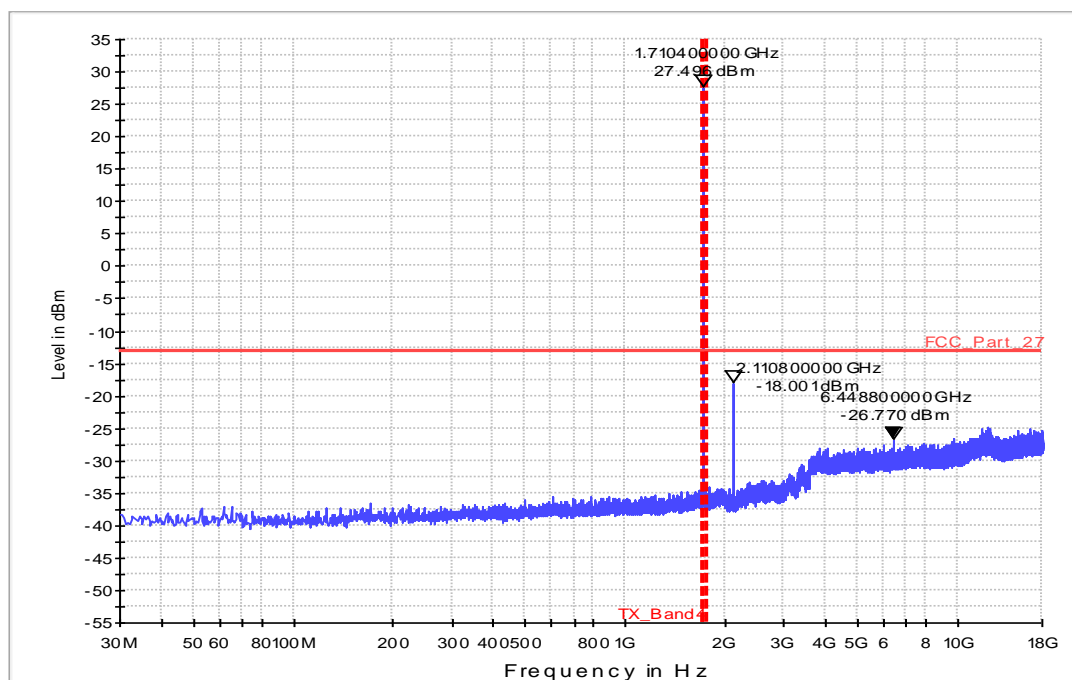
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 19957

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 18 GHz	400 kHz	PK+	1 MHz	0.005 s	0 dB

## Diagram No.: 36.44a\_Ch20175\_BW10\_RB12\_QPSK

### Common Information

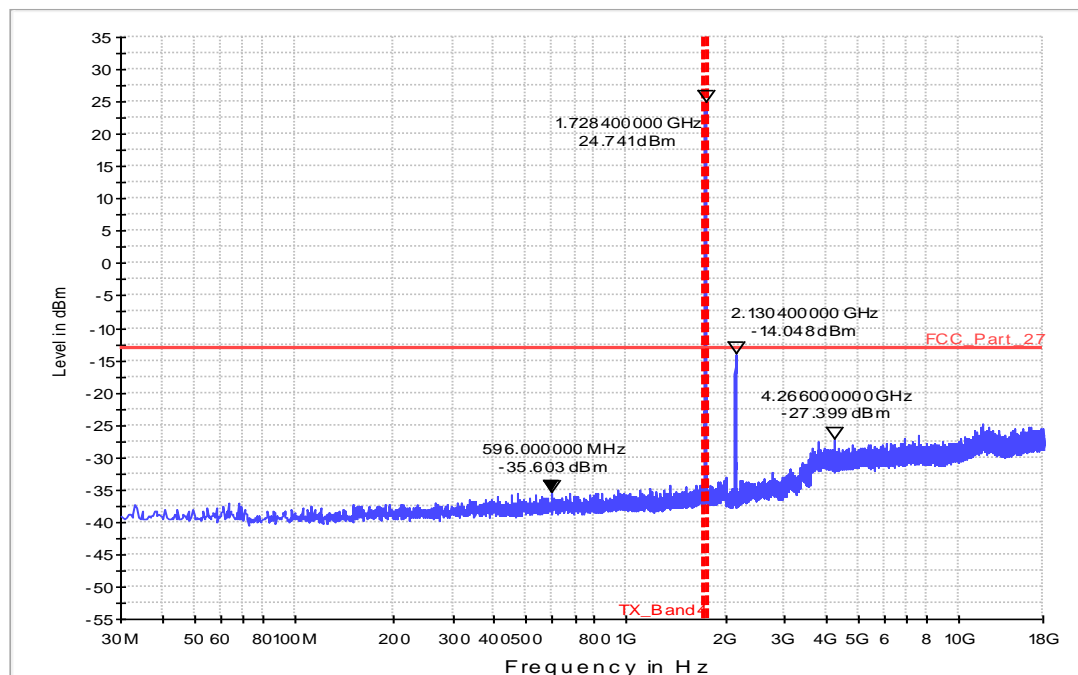
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20175

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 18 GHz	400 kHz	PK+	1 MHz	0.005 s	0 dB

## Diagram No.: 36.44b\_Ch20175\_BW10\_RB12\_QAM

### Common Information

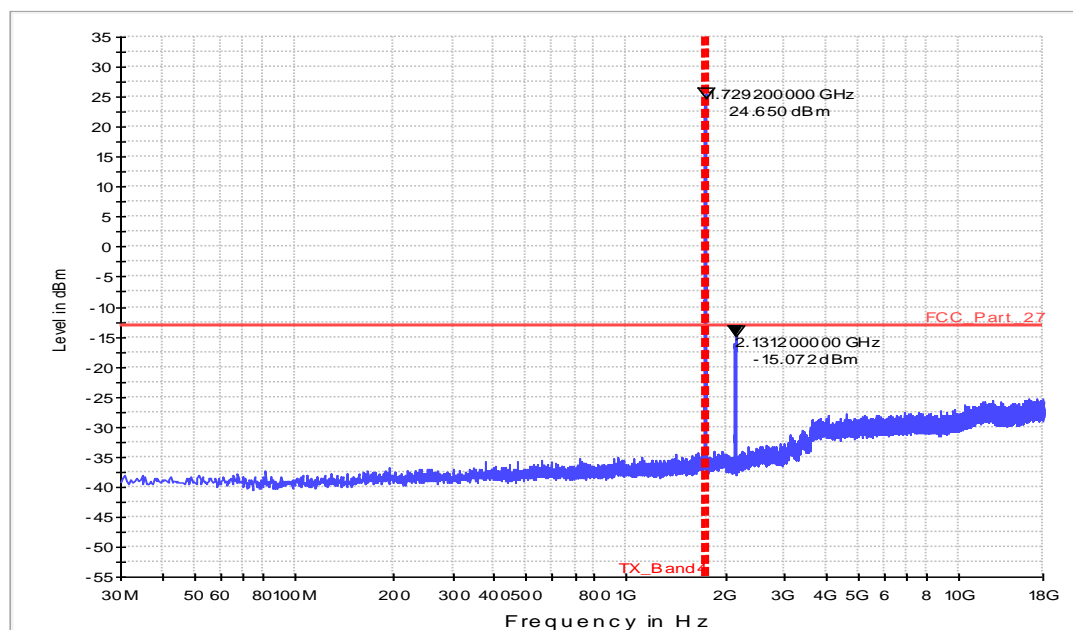
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20175

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 18 GHz	400 kHz	PK+	1 MHz	0.005 s	0 dB

## Diagram No.: 36.45a\_Ch20393\_BW20\_RB100\_QPSK

### Common Information

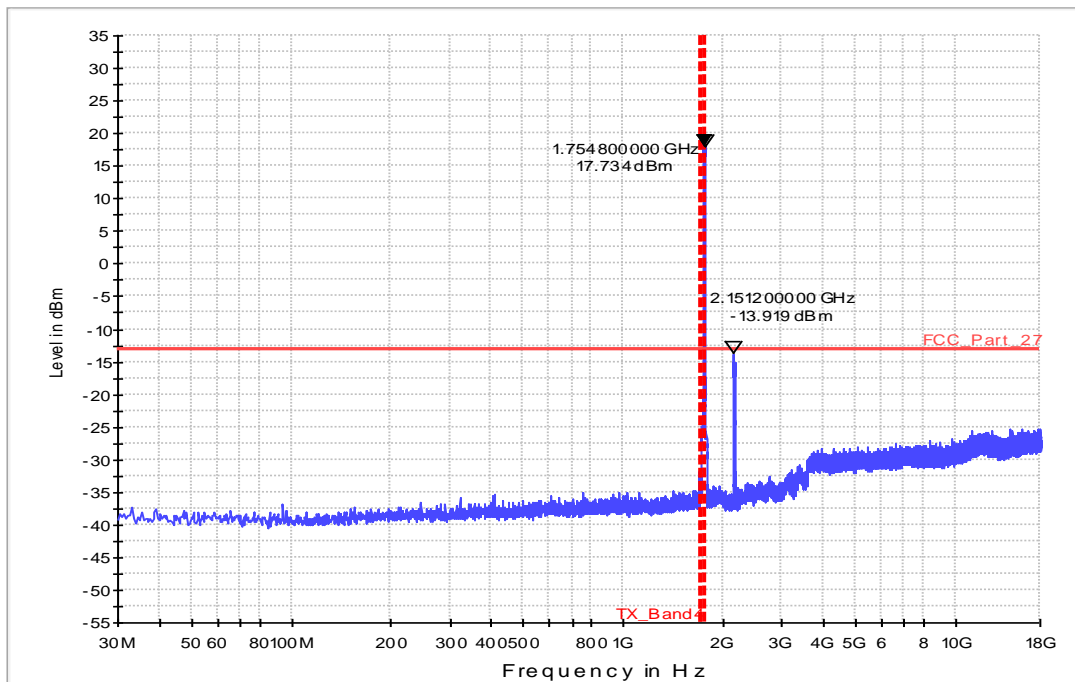
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20393

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 18 GHz	400 kHz	PK+	1 MHz	0.005 s	0 dB

## Diagram No.: 36.45b\_Ch20393\_BW20\_RB100\_QAM

### Common Information

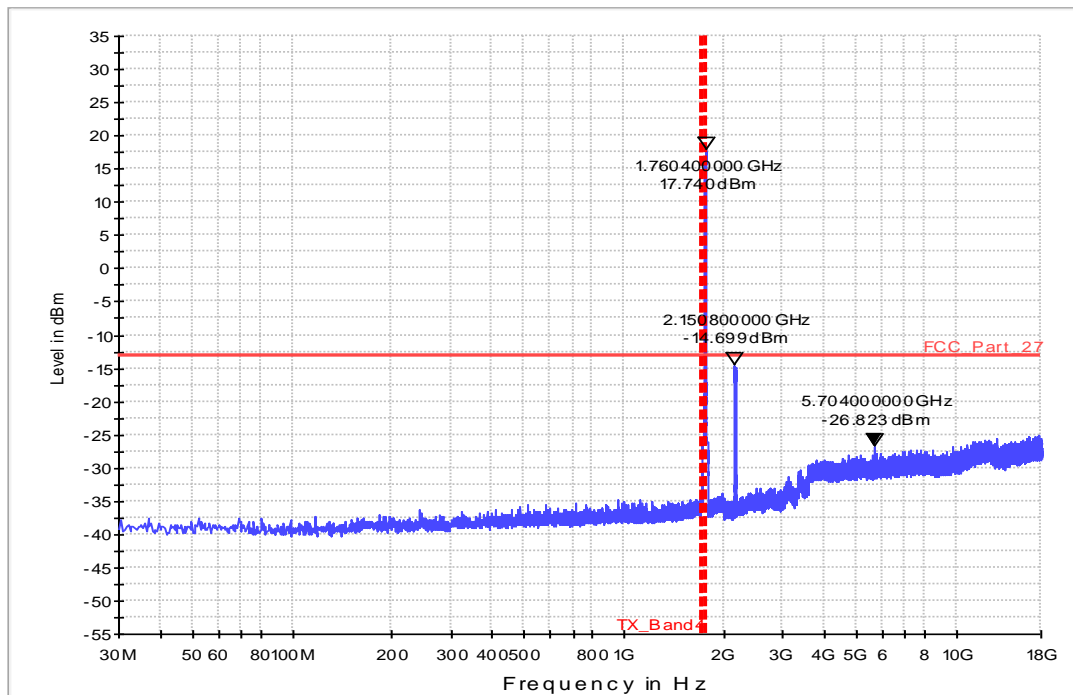
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX - Channel 20393

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd4\_Scan2\_30MHz\_18GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 18 GHz	400 kHz	PK+	1 MHz	0.005 s	0 dB

### 1.12.1. Spurious emissions conducted (LTE Band V)

## Diagram No.: 36.50a\_RSE\_C\_Ch20407\_BW\_1\_4\_QPSK

### Common Information

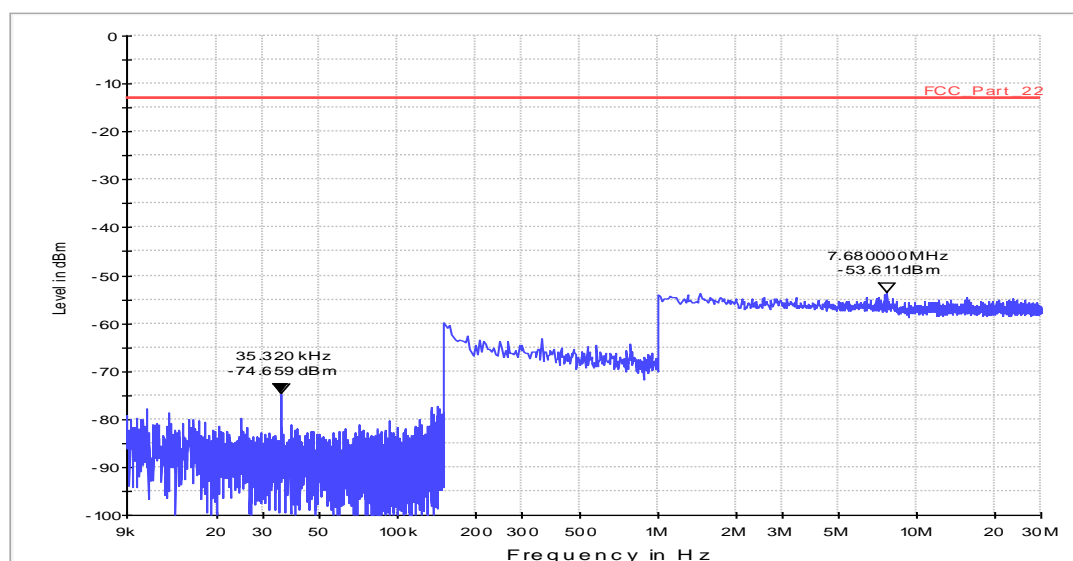
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20407

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.51a\_RSE\_C\_Ch20407\_BW\_1\_4\_QPSK

### Common Information

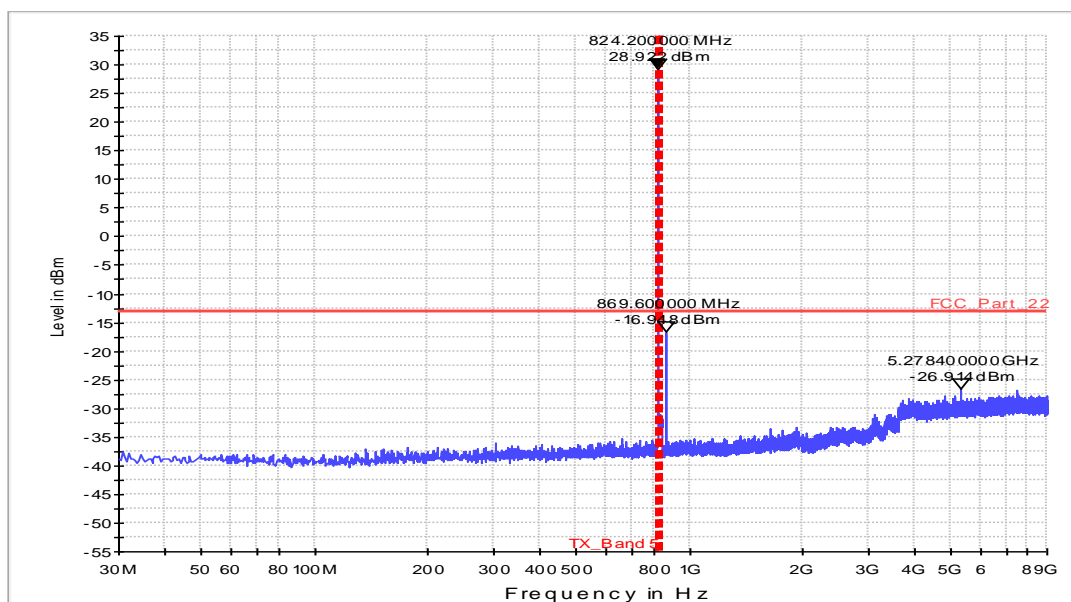
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20407

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 823 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
823 MHz - 850 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
850 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.007 s	0 dB



## Diagram No.: 36.52a\_RSE\_C\_Ch20525\_BW\_5\_QPSK

### Common Information

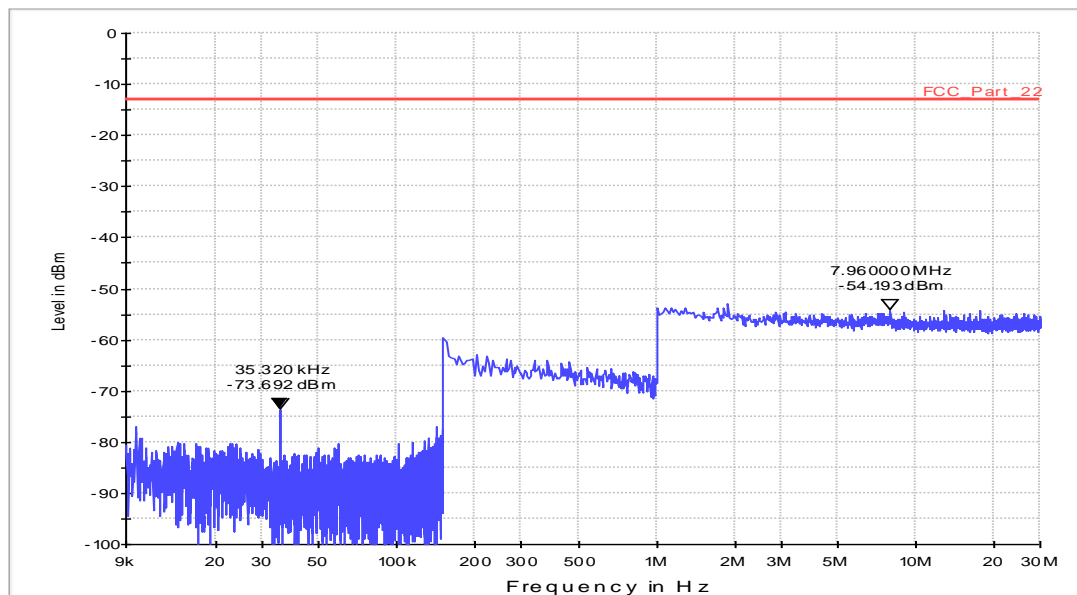
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20525

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.53a\_RSE\_C\_Ch20525\_BW\_5\_QPSK

### Common Information

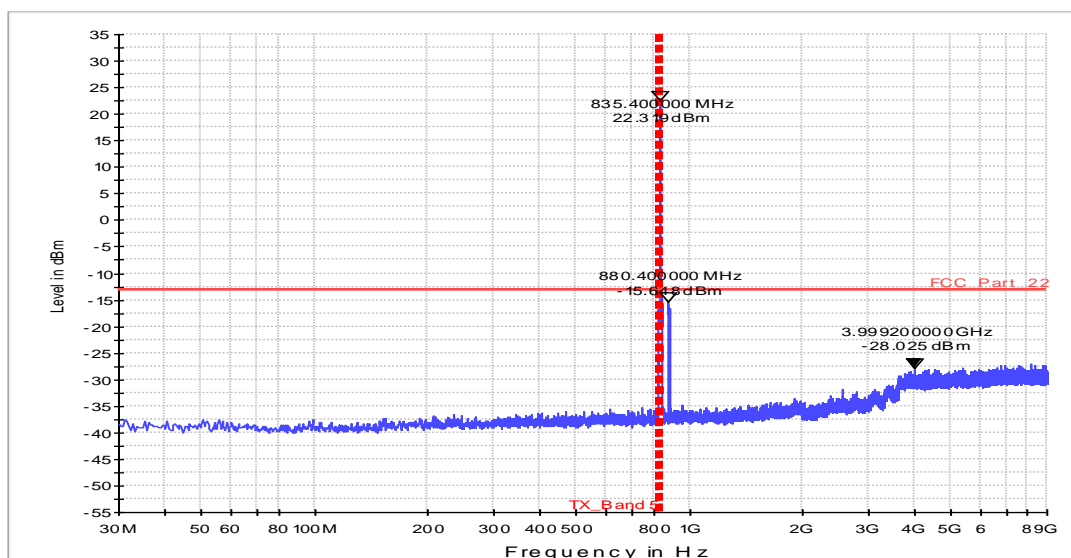
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20525

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 823 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
823 MHz - 850 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
850 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.007 s	0 dB

## Diagram No.: 36.54a\_RSE\_C\_Ch20600\_BW\_10\_QPSK

### Common Information

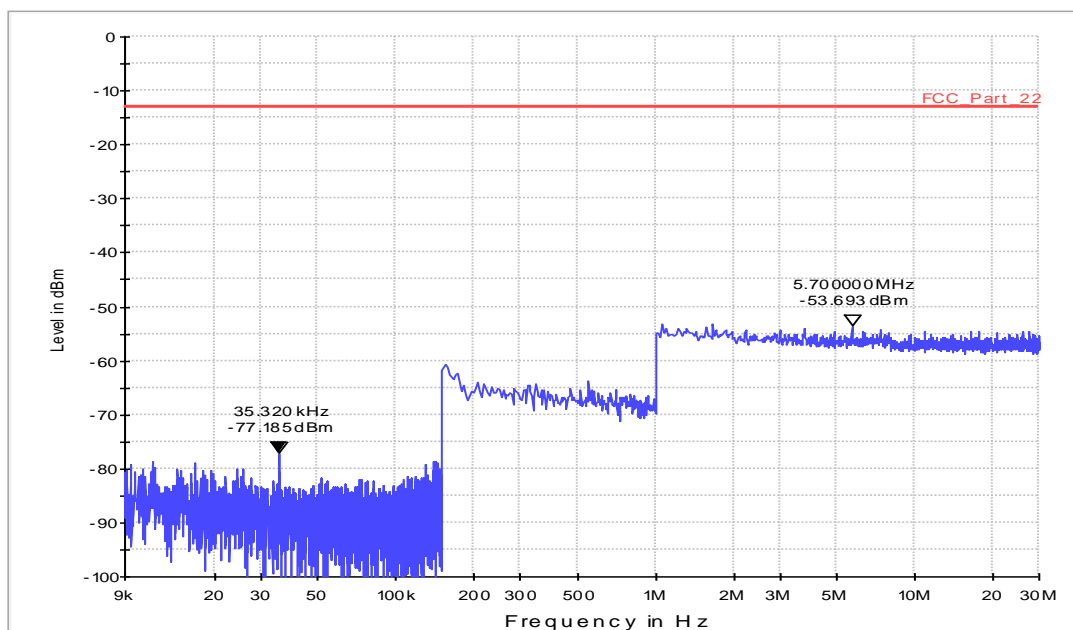
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20600

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.55a\_RSE\_C\_Ch20600\_BW\_10\_QPSK

### Common Information

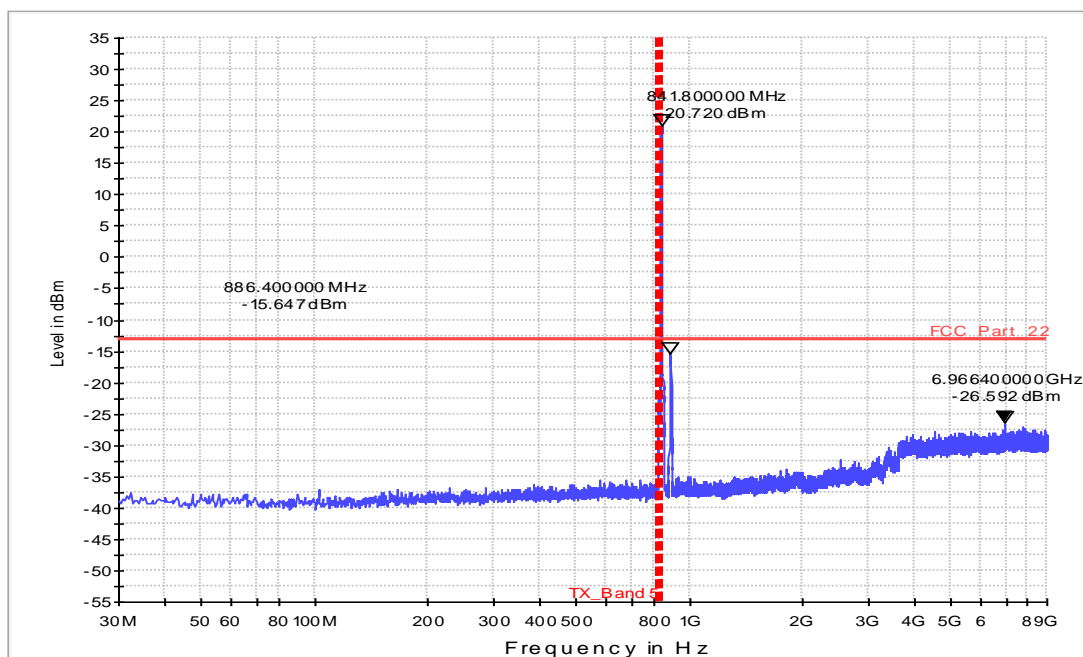
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20600

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 823 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
823 MHz - 850 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
850 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.007 s	0 dB

## Diagram No.: 36.56b\_RSE\_C\_Ch20407\_BW\_1\_4\_QAM

### Common Information

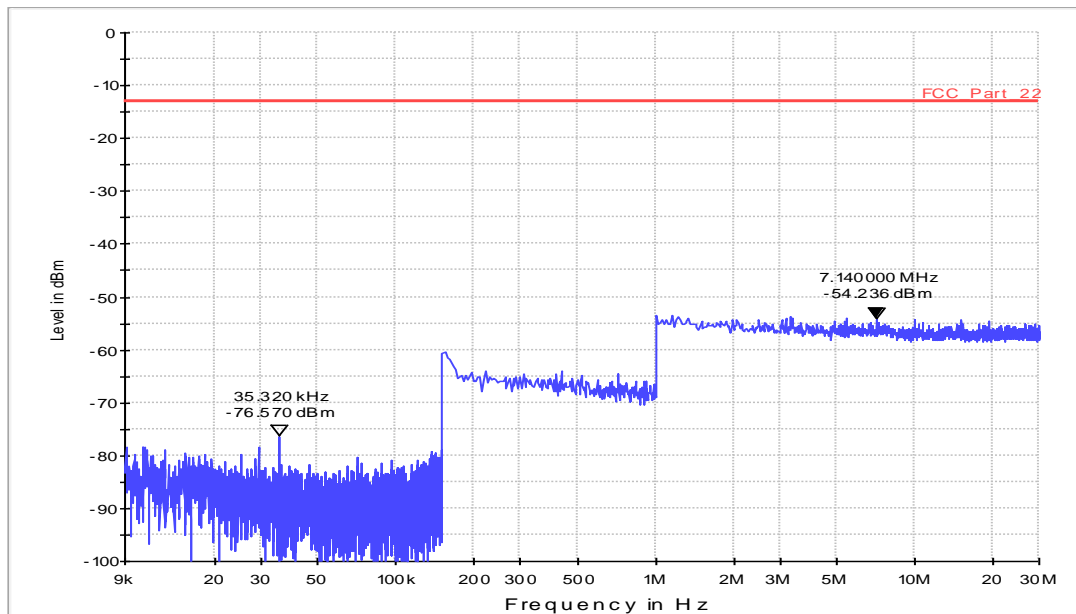
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20407

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamplifier
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.57b\_RSE\_C\_Ch20407\_BW\_1\_4\_QAM

### Common Information

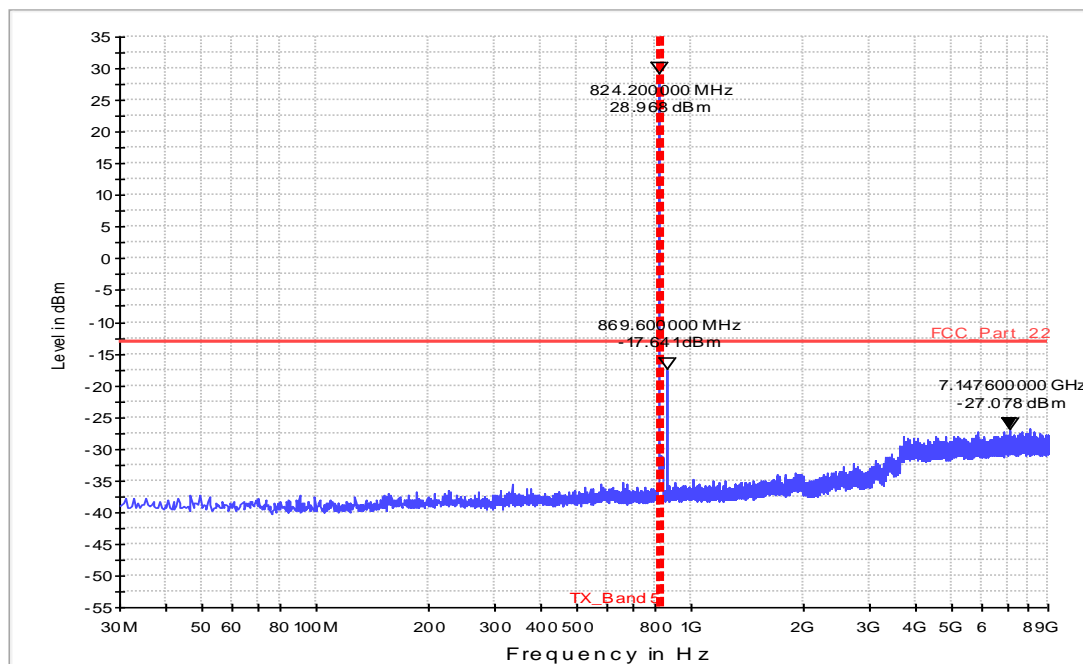
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20407

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 823 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
823 MHz - 850 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
850 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.007 s	0 dB

## Diagram No.: 36.58b\_RSE\_C\_Ch20525\_BW\_5\_QAM

### Common Information

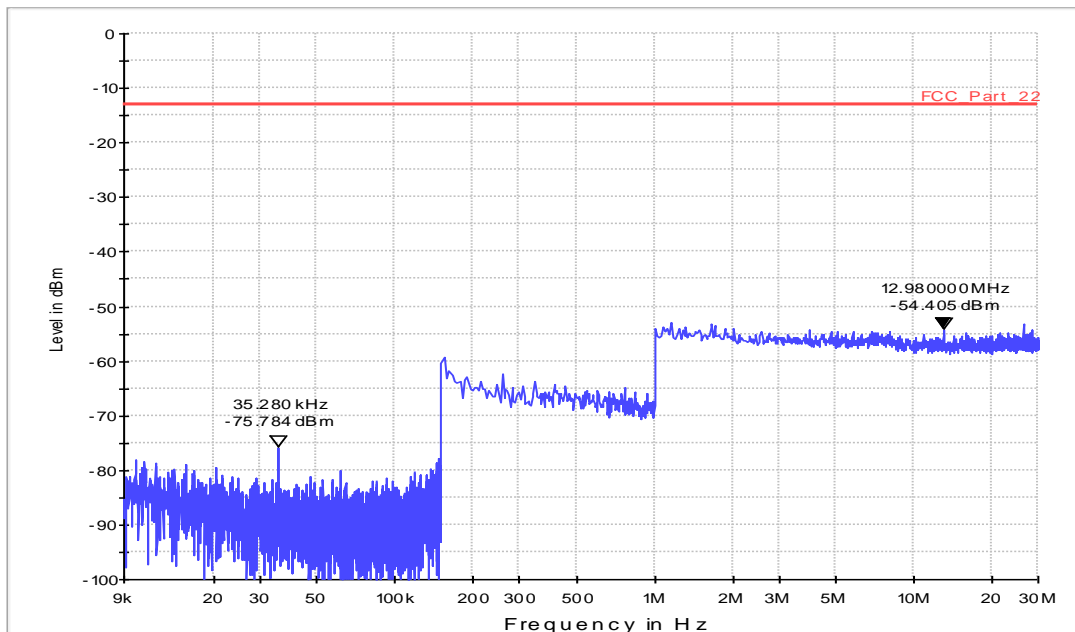
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20525

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.59b\_RSE\_C\_Ch20525\_BW\_5\_QAM

### Common Information

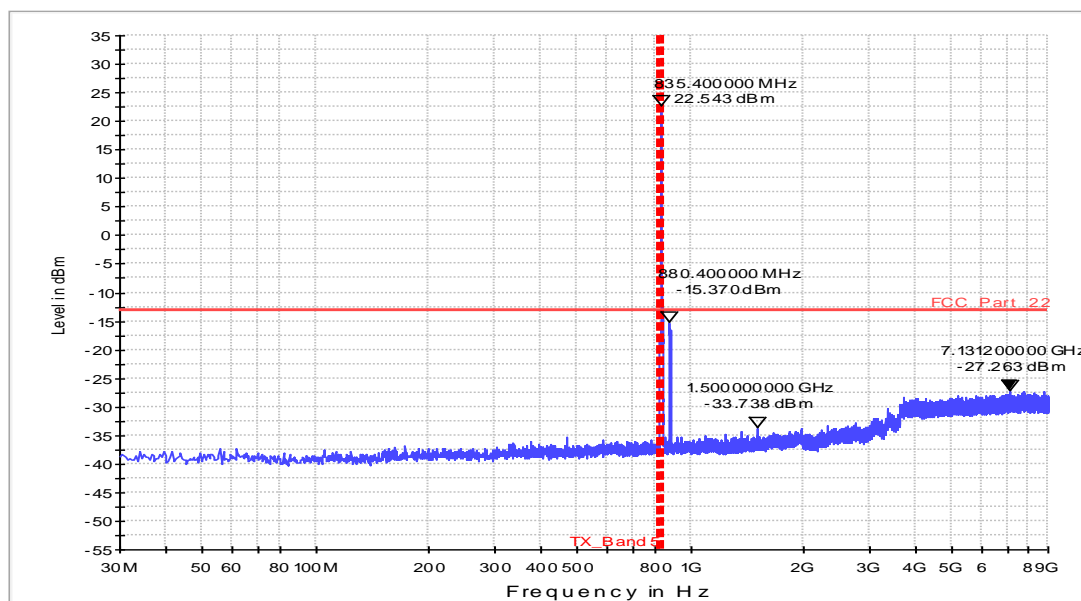
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20525

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 823 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
823 MHz - 850 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
850 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.007 s	0 dB



## Diagram No.: 36.60b\_RSE\_C\_Ch20600\_BW\_10\_QAM

### Common Information

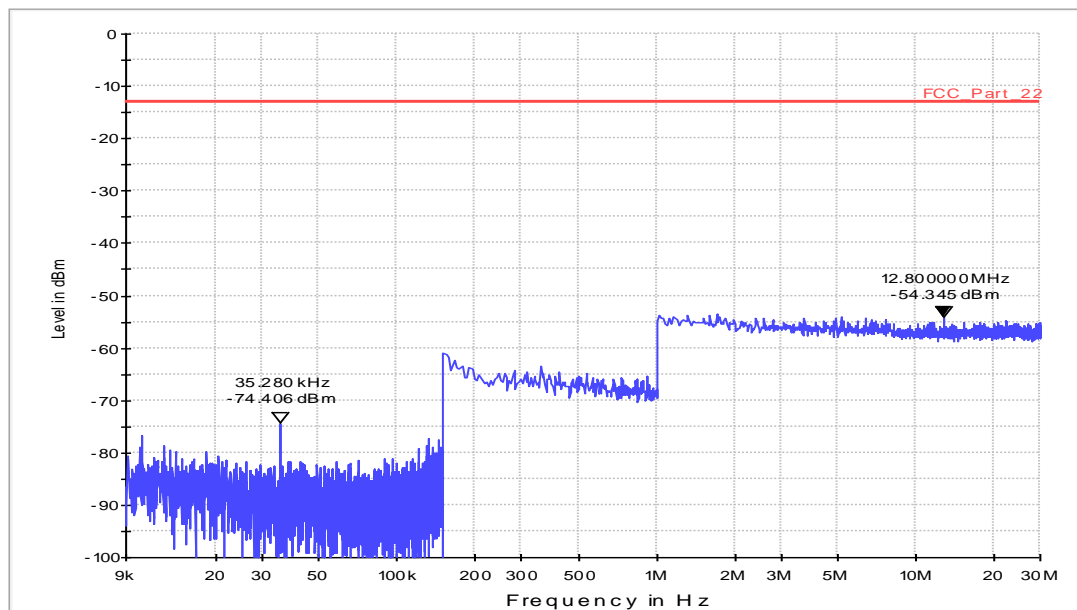
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20600

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

-----  
 HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.61b\_RSE\_C\_Ch20600\_BW\_10\_QAM

### Common Information

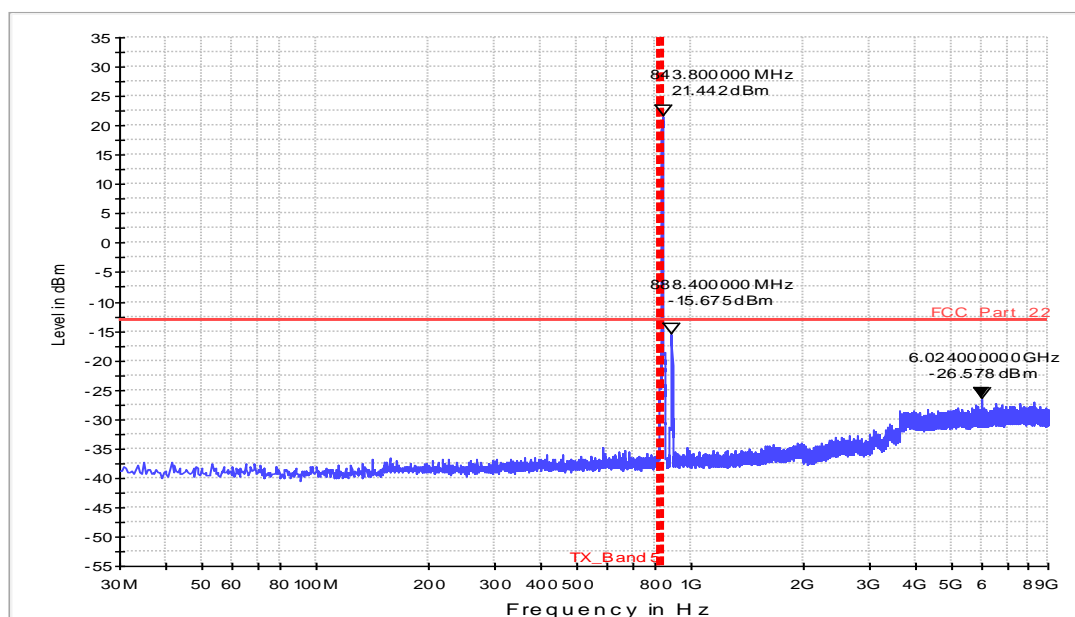
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: MWe  
 Operating mode: TX - Channel 20600

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_22\_LTE\_Bd5\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 823 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
823 MHz - 850 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
850 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.007 s	0 dB

### 1.13. Spurious emissions conducted (LTE Band XVII)

#### Diagram No.: 36.170a\_Ch23755\_BW5\_RB1\_QPSK

#### Common Information

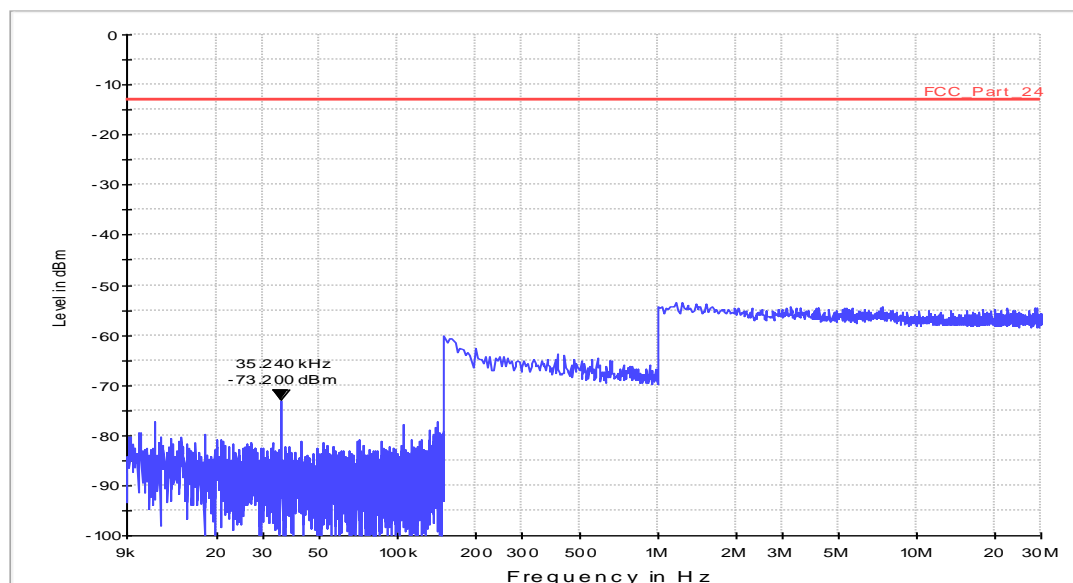
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23755

#### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz



#### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.170b\_Ch23755\_BW5\_RB1\_QAM

### Common Information

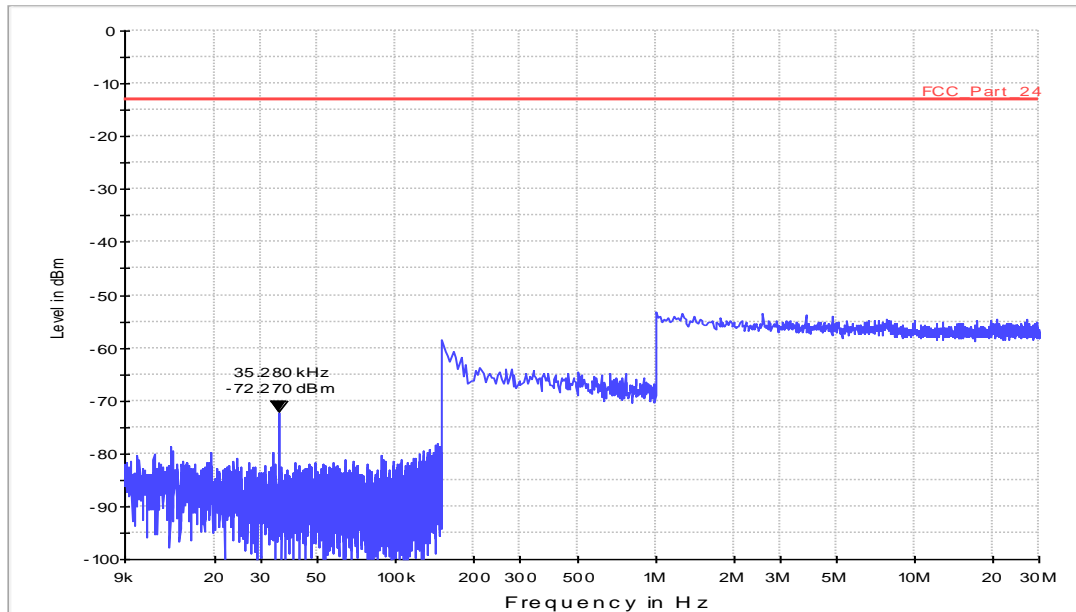
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23755

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.171a\_Ch23755\_BW5\_RB1\_QPSK

### Common Information

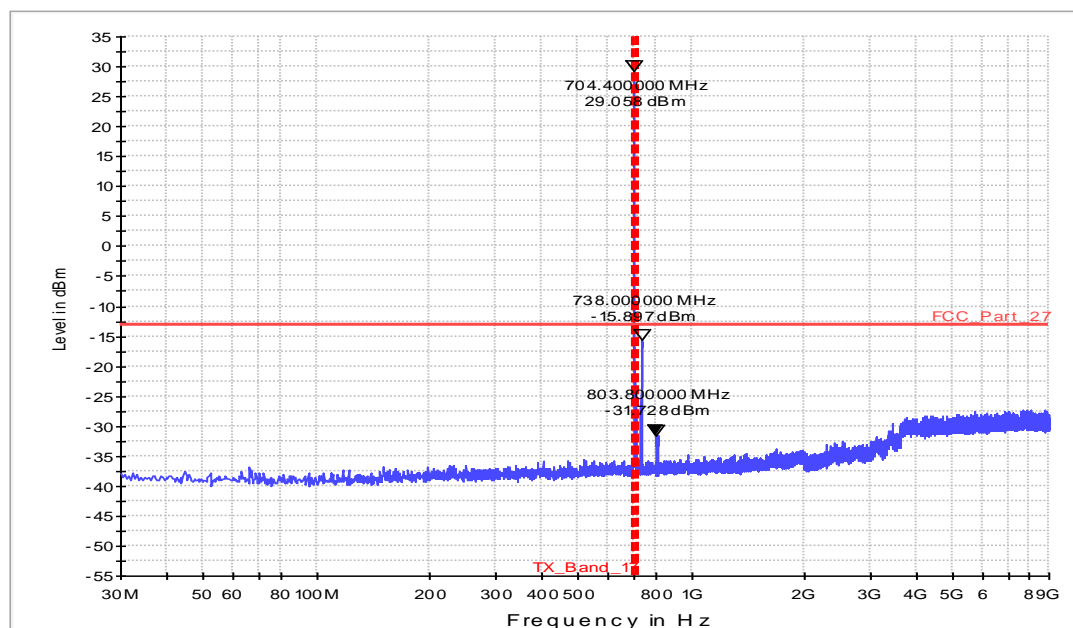
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23755

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

-----  
 HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 803 MHz	400 kHz	PK+	1 MHz	0.01 s	0 dB
803 MHz - 816 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
816 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.171b\_Ch23755\_BW5\_RB1\_QAM

### Common Information

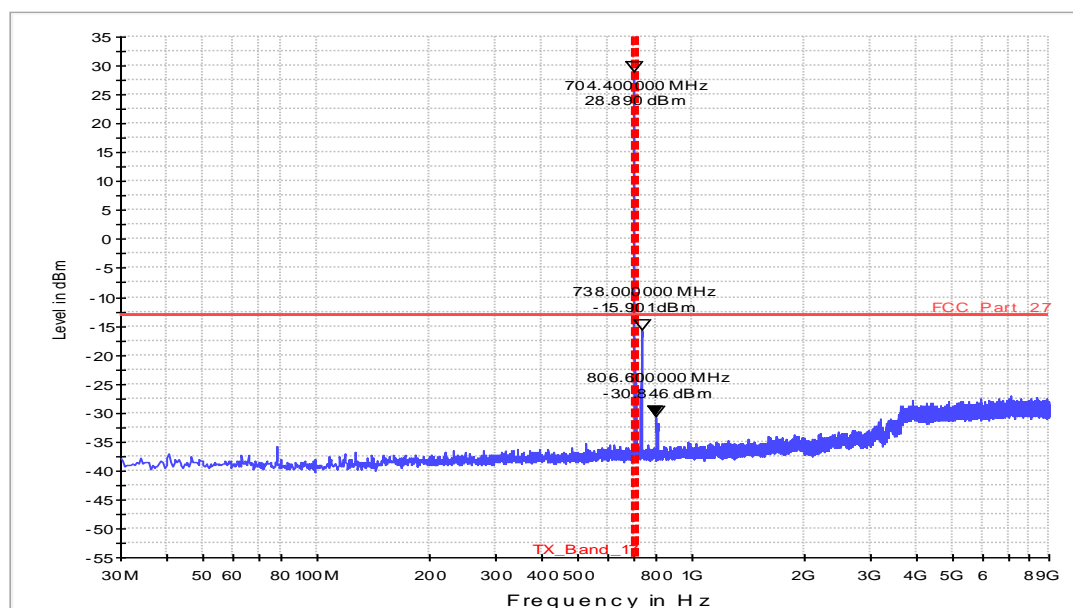
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23755

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

-----  
 HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 803 MHz	400 kHz	PK+	1 MHz	0.01 s	0 dB
803 MHz - 816 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
816 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.172a\_Ch23790\_BW5\_RB25\_QPSK

### Common Information

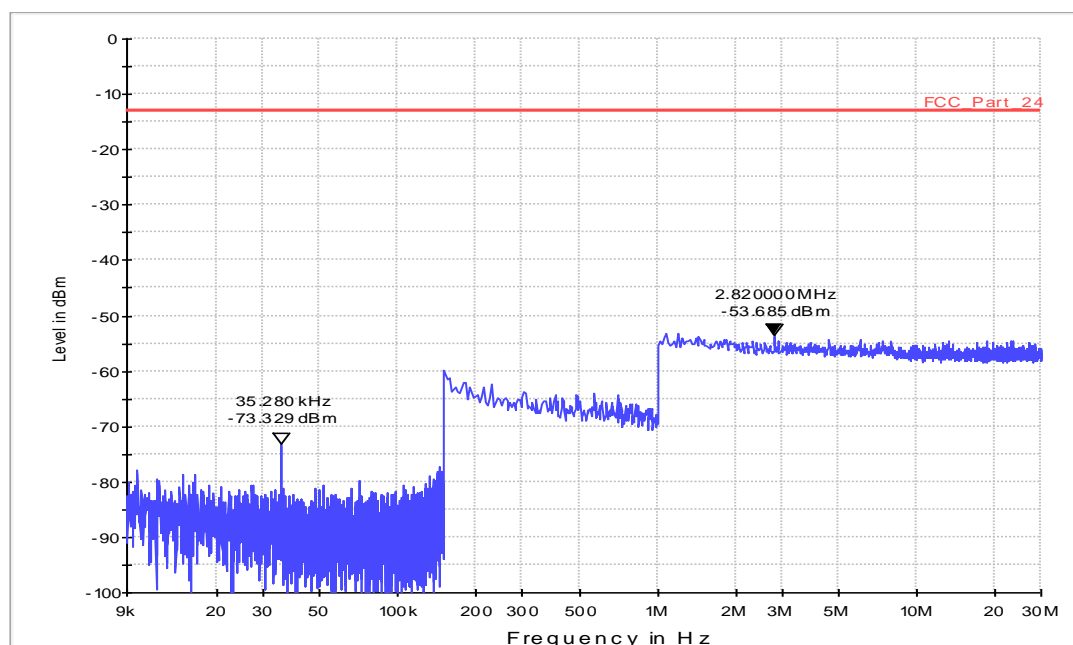
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 237590

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.172b\_Ch23790\_BW5\_RB25\_QAM

### Common Information

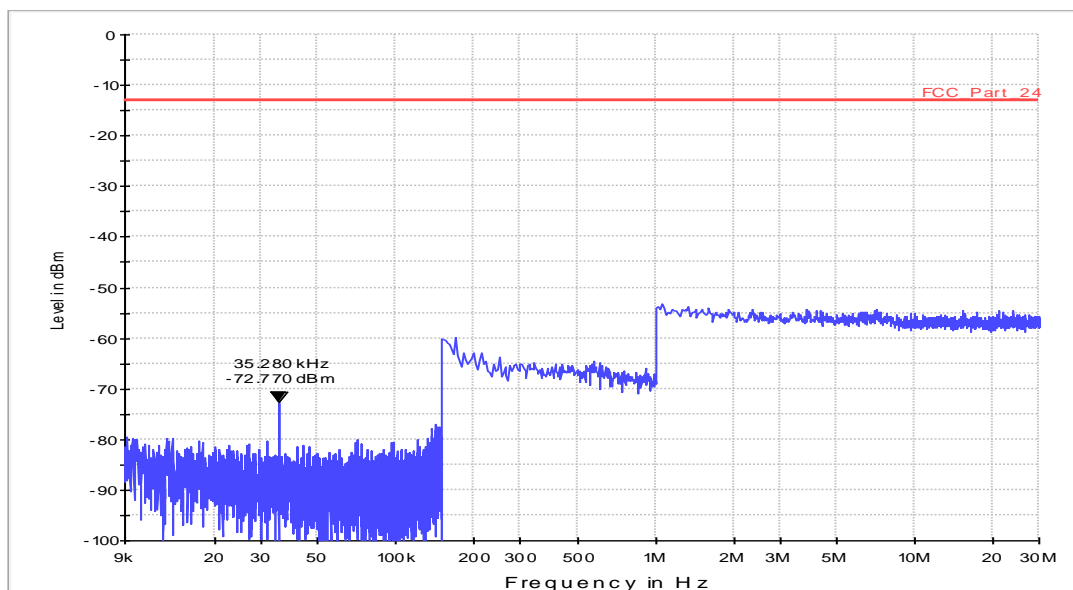
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 237590

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB



## Diagram No.: 36.173a\_Ch23800\_BW10\_RB25\_QPSK

### Common Information

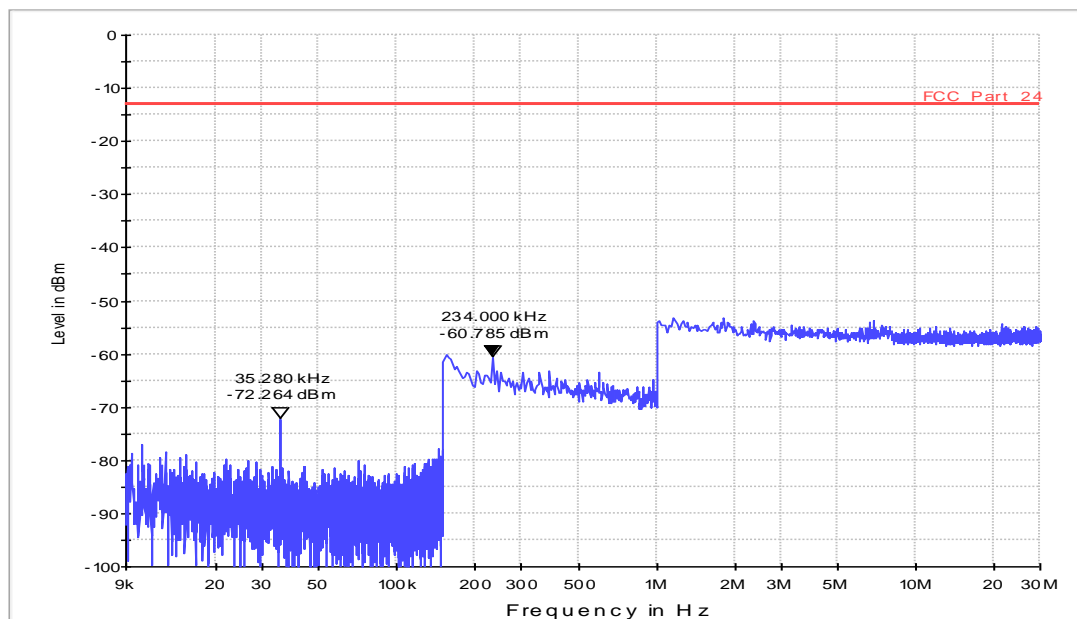
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23800

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

-----  
 HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.173b\_Ch23800\_BW10\_RB25\_QAM

### Common Information

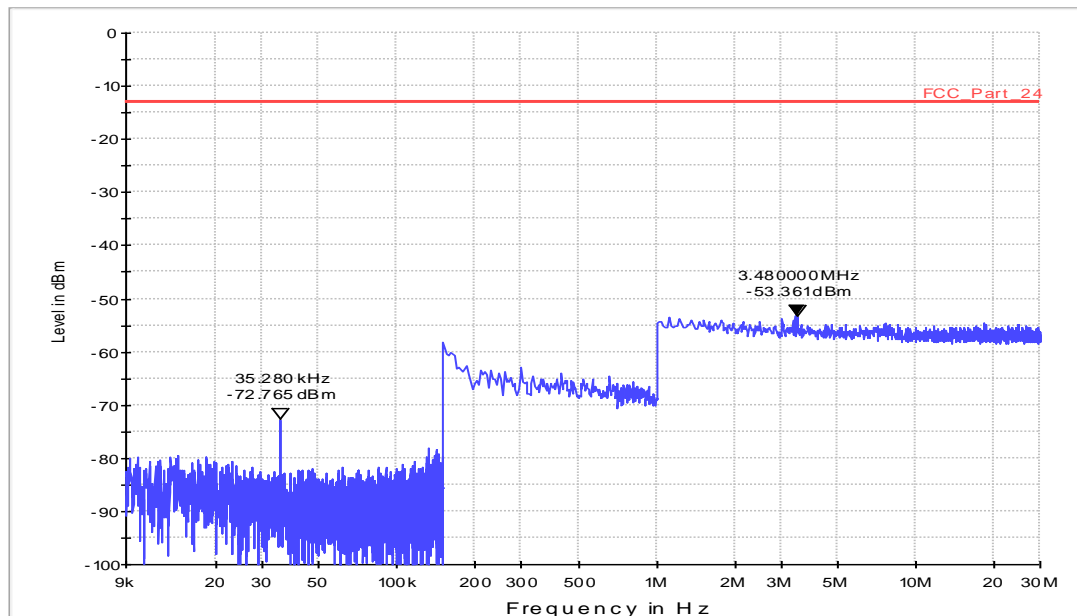
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23800

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan1\_9kHz\_30MHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	40 Hz	PK+	100 Hz	0.005 s	0 dB
150 kHz - 1 MHz	4 kHz	PK+	9 kHz	0.005 s	0 dB
1 MHz - 30 MHz	20 kHz	PK+	100 kHz	0.01 s	0 dB

## Diagram No.: 36.174a\_Ch23790\_BW5\_RB25\_QPSK

### Common Information

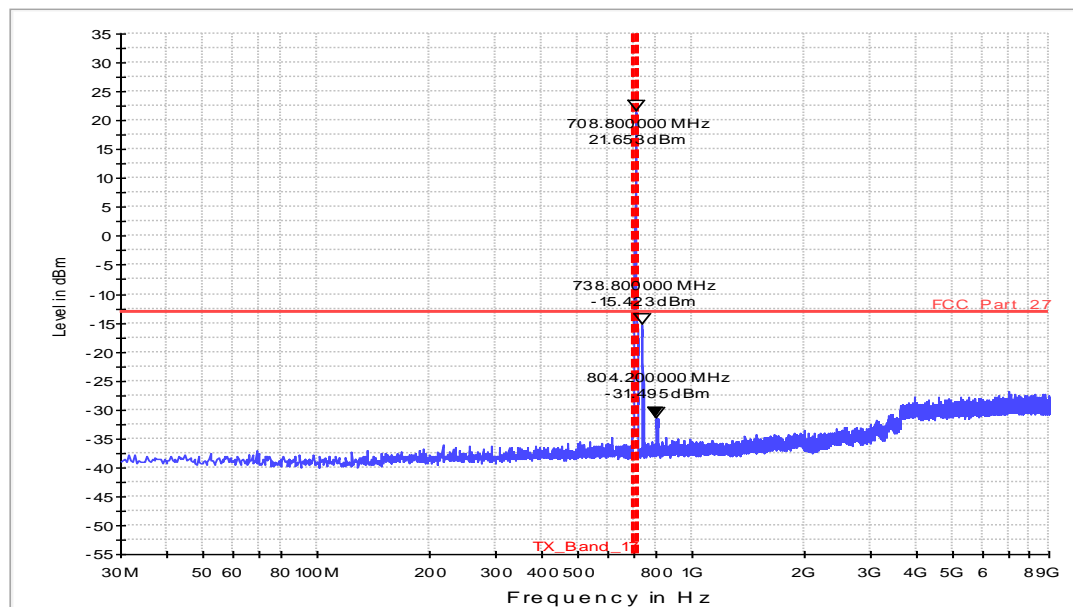
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 237590

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 803 MHz	400 kHz	PK+	1 MHz	0.01 s	0 dB
803 MHz - 816 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
816 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.174b\_Ch23790\_BW5\_RB25\_QAM

### Common Information

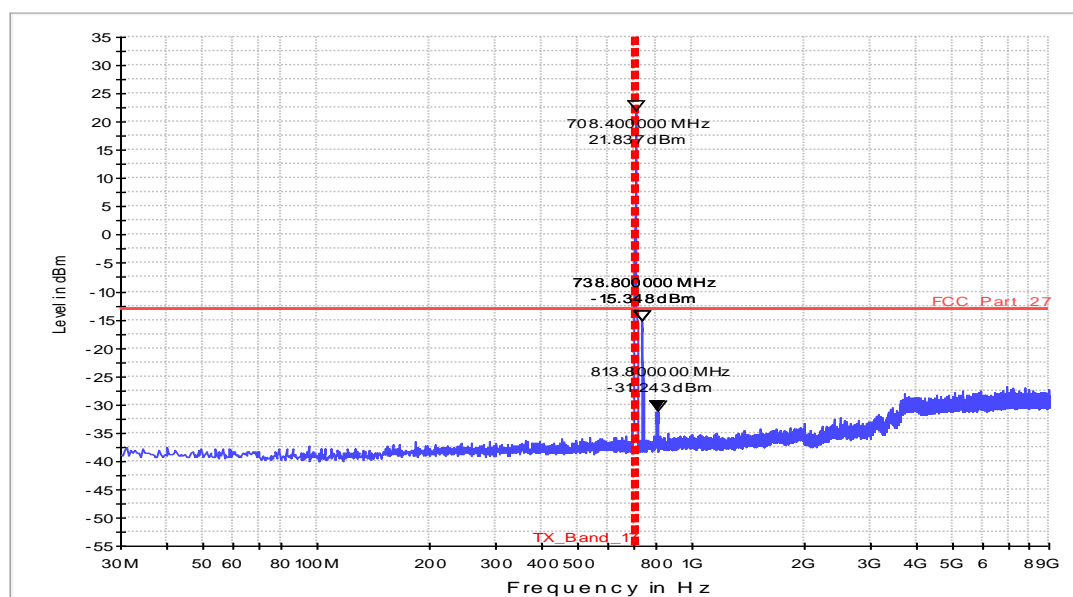
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 237590

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 803 MHz	400 kHz	PK+	1 MHz	0.01 s	0 dB
803 MHz - 816 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
816 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.175a\_Ch23800\_BW10\_RB25\_QPSK

### Common Information

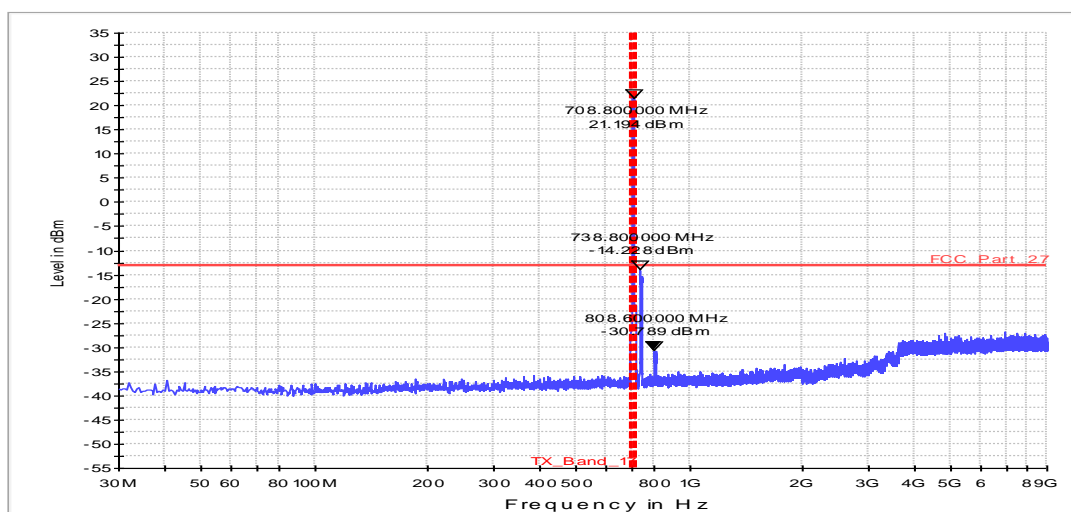
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23800

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 803 MHz	400 kHz	PK+	1 MHz	0.01 s	0 dB
803 MHz - 816 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
816 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

## Diagram No.: 36.175b\_Ch23800\_BW10\_RB25\_QAM

### Common Information

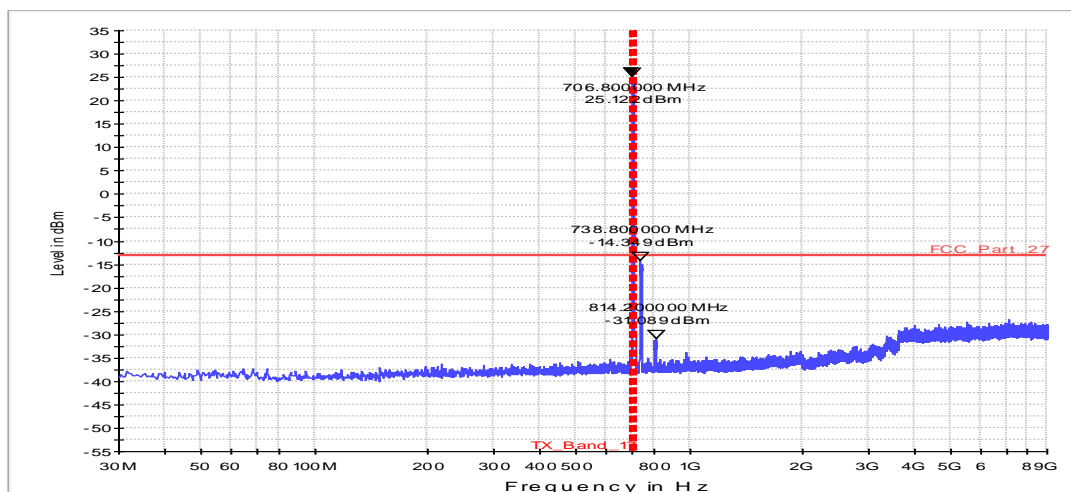
Test Description: TX Spurious Emission Conducted §2.1051  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment conditions: Normal conditions (Vnominal, Tnominal)  
 Operator name: Ada  
 Operating mode: TX on channel 23800

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz



### Scan Setup: Fula2\_FCC\_27\_LTE\_Bd17\_Scan2\_30MHz\_9GHz [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 803 MHz	400 kHz	PK+	1 MHz	0.01 s	0 dB
803 MHz - 816 MHz	400 kHz	PK+	1 MHz	0.007 s	0 dB
816 MHz - 9 GHz	400 kHz	PK+	1 MHz	0.01 s	0 dB

### 1.14. Conducted emissions – band - edge (LTE Band II)

#### Diagram No.37.203a\_BE\_C\_Ch18615\_BW3\_1RB\_QPSK

#### Common Information

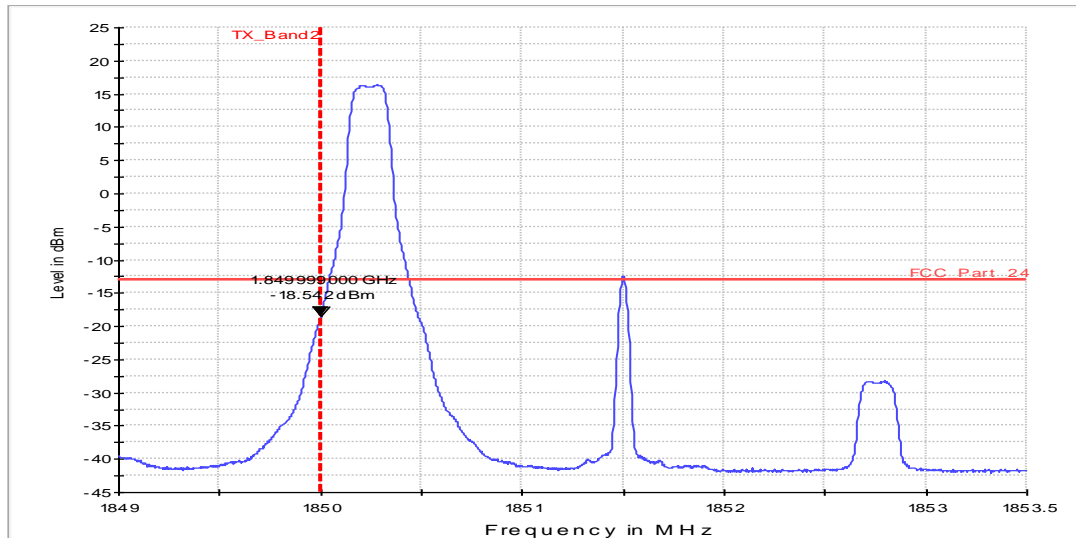
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: Mwe  
 Operating mode: TX on channel 18615

#### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_022b\_FCC\_24\_BE\_Low\_Ch18615\_BW\_3MHz\_AV



#### Scan Setup: Fula2\_022b\_FCC\_24\_BE\_Low\_Ch18615\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1.849 GHz - 1.854 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

## Diagram No. 37.203b\_BE\_C\_Ch18615\_BW3\_1RB\_QAM

### Common Information

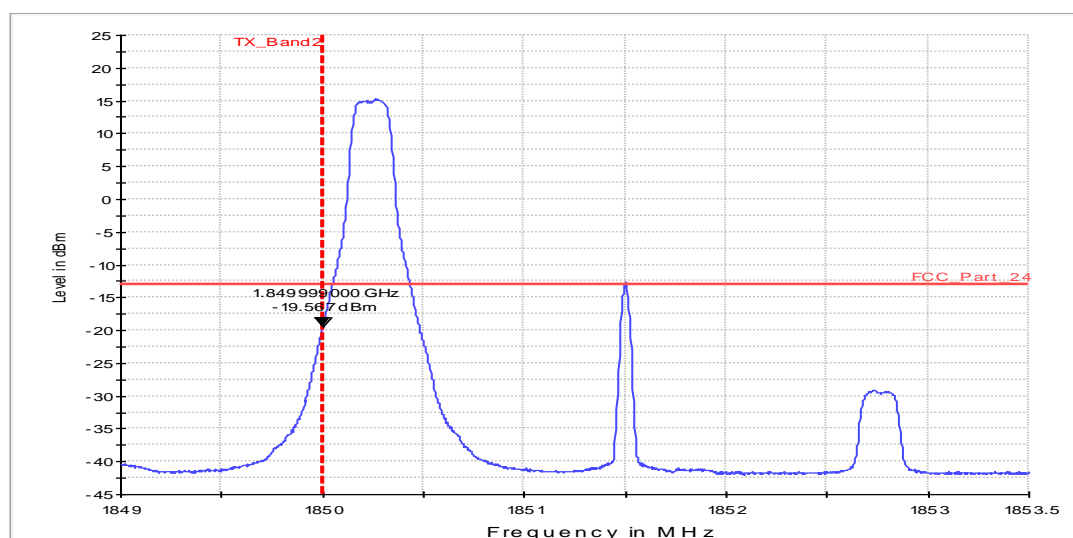
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 18615

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_022b\_FCC\_24\_BE\_Low\_Ch18615\_BW\_3MHz\_AV



### Scan Setup: Fula2\_022b\_FCC\_24\_BE\_Low\_Ch18615\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1.849 GHz - 1.854 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB



## Diagram No. 37.215a\_BE\_C\_Ch19185\_BW\_3MHz\_1RB\_QPSK

### Common Information

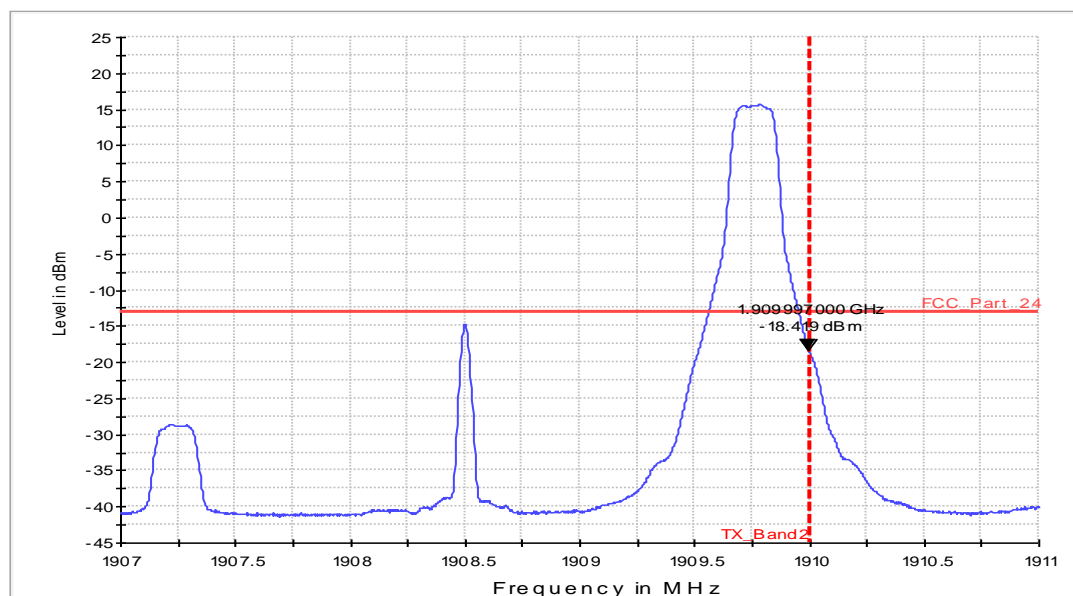
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 24  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 19185

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_028b\_FCC\_24\_BE\_High\_Ch19185\_BW\_3MHz\_AV



### Scan Setup: Fula2\_028b\_FCC\_24\_BE\_High\_Ch19185\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamplifier
1.907 GHz - 1.911 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

## Diagram No. 37.215b\_BE\_C\_Ch19185\_BW\_3MHz\_1RB\_QAM

### Common Information

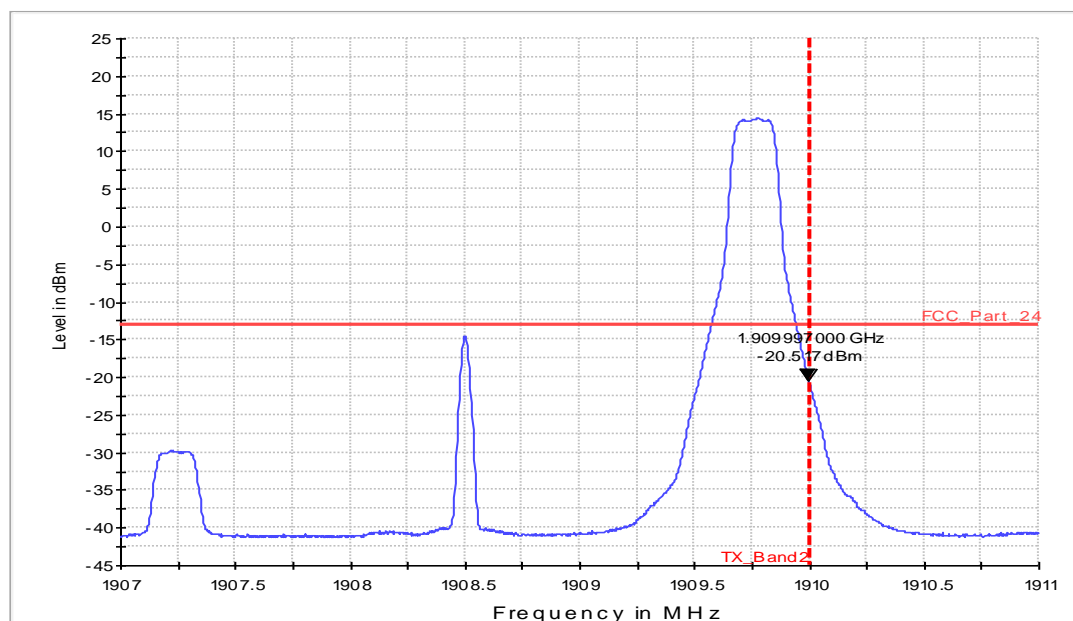
Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 24
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 19185

### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE

HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_028b\_FCC\_24\_BE\_High\_Ch19185\_BW\_3MHz\_AV



### Scan Setup: Fula2\_028b\_FCC\_24\_BE\_High\_Ch19185\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

<b>Subrange</b>	<b>Step Size</b>	<b>Detectors</b>	<b>IF BW</b>	<b>Meas. Time</b>	<b>Preamp</b>
1.907 GHz - 1.911 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

## 1.15. Conducted emissions – band - edge (LTE Band IV)

### Diagram No. 37.520a\_BE\_C\_Ch19965\_BW\_3MHz\_1RB\_QPSK

#### Common Information

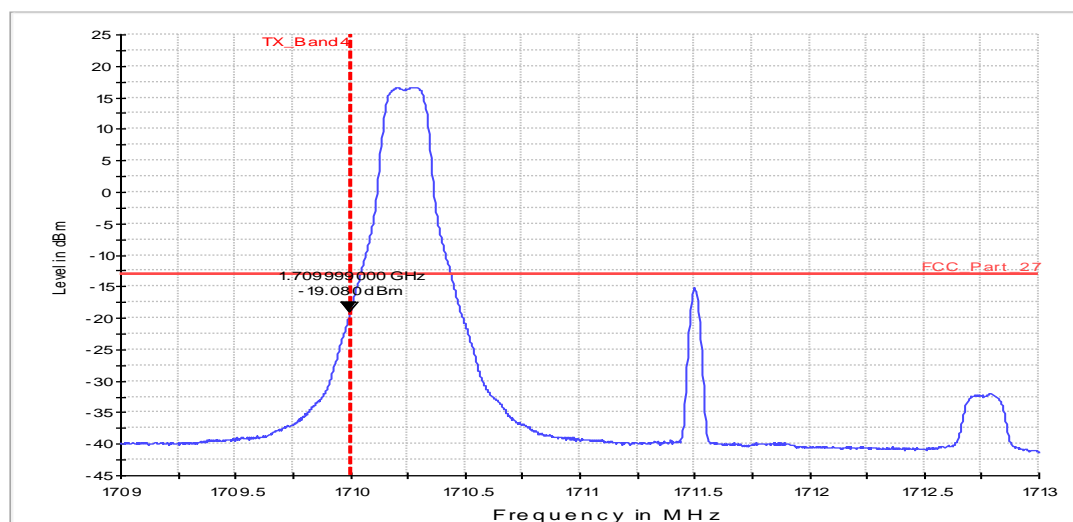
Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 27
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 19965

#### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE

HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_010b\_FCC\_27\_BE\_Low\_Ch19965\_BW\_3MHz\_AV



#### Scan Setup: Fula2\_010b\_FCC\_27\_BE\_Low\_Ch19965\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1.709 GHz - 1.713 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

## Diagram No. 37.520b\_BE\_C\_Ch19965\_BW\_3MHz\_1RB\_QAM

### Common Information

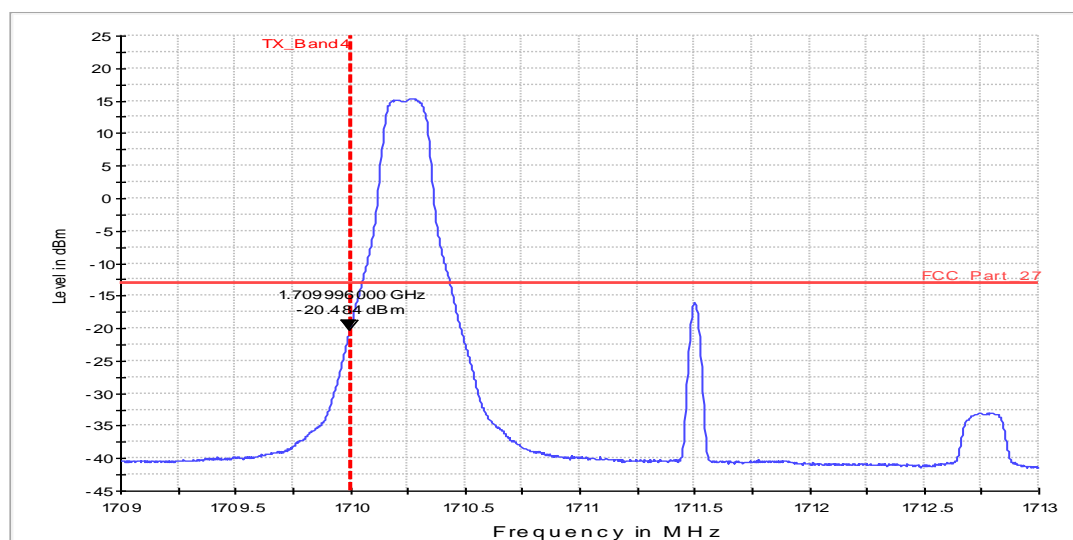
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 19965

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_010b\_FCC\_27\_BE\_Low\_Ch19965\_BW\_3MHz\_AV



### Scan Setup: Fula2\_010b\_FCC\_27\_BE\_Low\_Ch19965\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1.709 GHz - 1.713 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

## Diagram No. 37.532a\_BE\_C\_Ch20385\_BW\_3MHz\_1RB\_QPSK

### Common Information

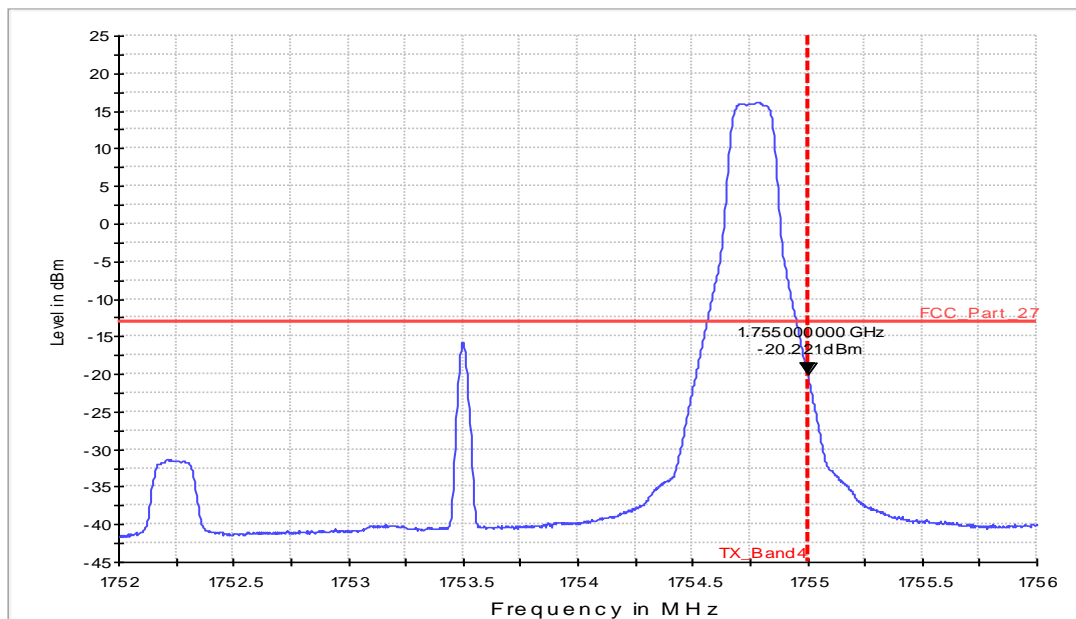
Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 27
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 20385

### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE

HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_016b\_FCC\_27\_BE\_High\_Ch20385\_BW\_3MHz\_AV



### Scan Setup: Fula2\_016b\_FCC\_27\_BE\_High\_Ch20385\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

<b>Subrange</b>	<b>Step Size</b>	<b>Detectors</b>	<b>IF BW</b>	<b>Meas. Time</b>	<b>Preamp</b>
1.752 GHz - 1.756 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

## Diagram No. 37.532b\_BE\_C\_Ch20385\_BW\_3MHz\_1RB\_QAM

### Common Information

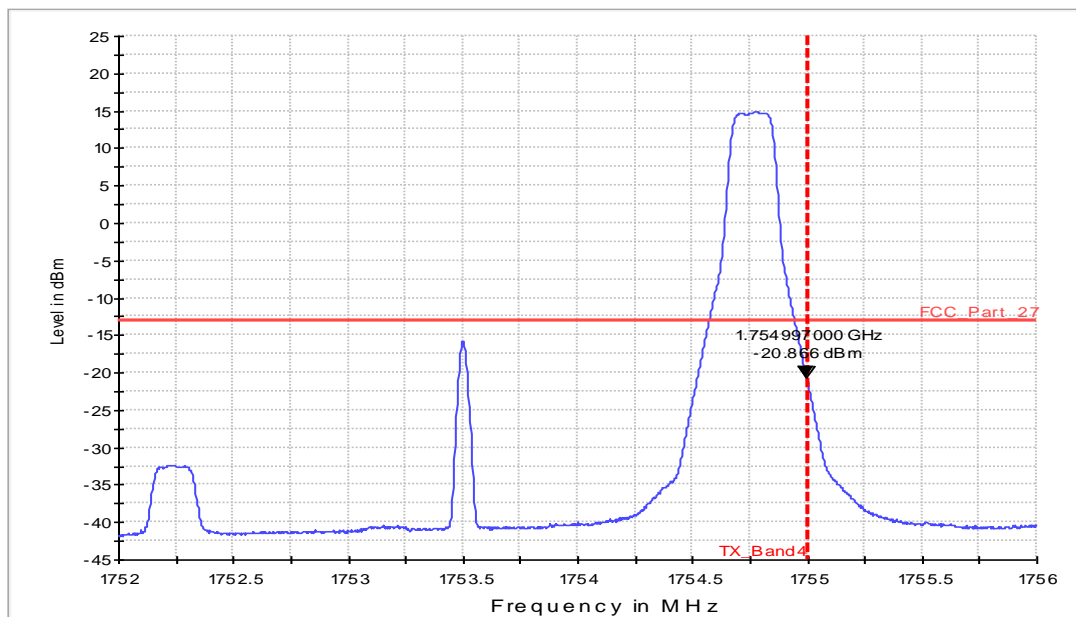
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 20385

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_016b\_FCC\_27\_BE\_High\_Ch20385\_BW\_3MHz\_AV



### Scan Setup: Fula2\_016b\_FCC\_27\_BE\_High\_Ch20385\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
1.752 GHz - 1.756 GHz	3 kHz	RMS	30 kHz	0.05 s	0 dB

### 1.16. Conducted emissions – band - edge (LTE Band V)

#### Diagram No. 37.506a\_BE\_C\_Ch20625\_BW\_5MHz\_1RB\_QPSK

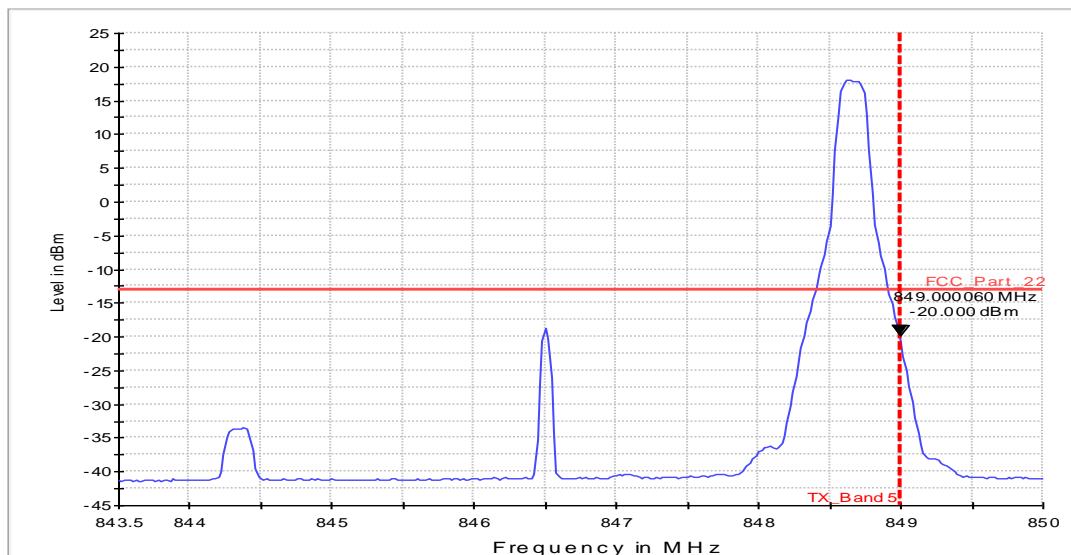
#### Common Information

Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 22
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 20625

#### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE
-----	
HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_003b\_FCC\_22\_BE\_High\_Channel\_20625\_BW\_5MHz\_AV



#### Scan Setup:

#### Fula2\_003b\_FCC\_22\_BE\_High\_Channel\_20625\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

<b>Subrange</b>	<b>Step Size</b>	<b>Detectors</b>	<b>IF BW</b>	<b>Meas. Time</b>	<b>Preamp</b>
843.5 MHz - 850 MHz	20 kHz	RMS	50 kHz	0.05 s	0 dB

## Diagram No. 37.506b\_BE\_C\_Ch20625\_BW\_5MHz\_1RB\_QAM

### Common Information

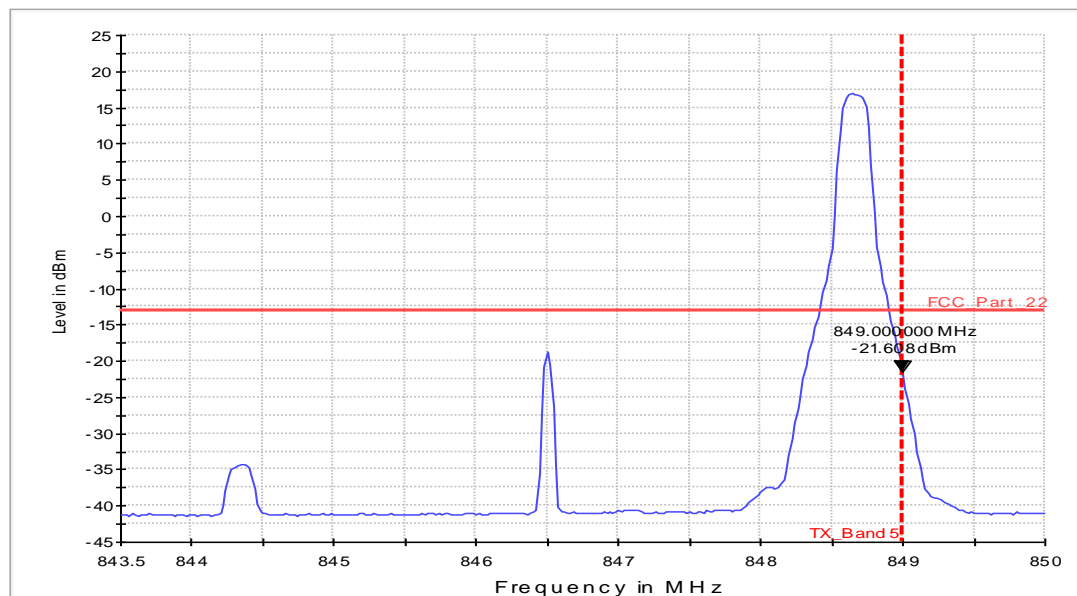
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 20625

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_003b\_FCC\_22\_BE\_High\_Channel\_20625\_BW\_5MHz\_AV



### Scan Setup:

#### Fula2\_003b\_FCC\_22\_BE\_High\_Channel\_20625\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
843.5 MHz - 850 MHz	20 kHz	RMS	50 kHz	0.05 s	0 dB



## Diagram No. 37.512a\_BE\_C\_Ch20415\_BW\_3MHz\_1RB\_QPSK

### Common Information

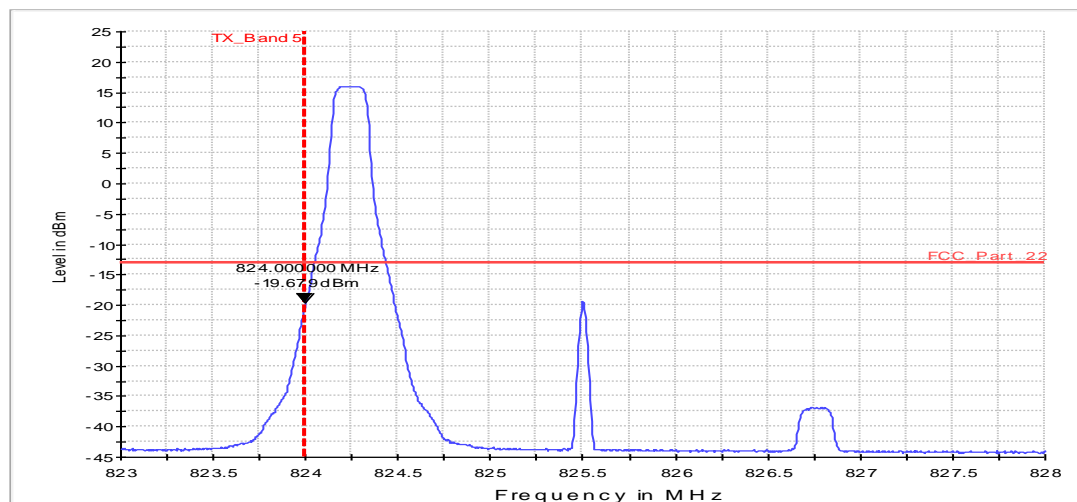
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 20415

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_006b\_FCC\_22\_BE\_low\_Channel\_20415\_BW\_3MHz\_AV



### Scan Setup:

#### Fula2\_006b\_FCC\_22\_BE\_low\_Channel\_20415\_BW\_3MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
823 MHz - 828 MHz	5 kHz	RMS	30 kHz	0.05 s	0 dB

## Diagram No. 37.514b\_BE\_C\_Ch20425\_BW\_5MHz\_1RB\_QAM

### Common Information

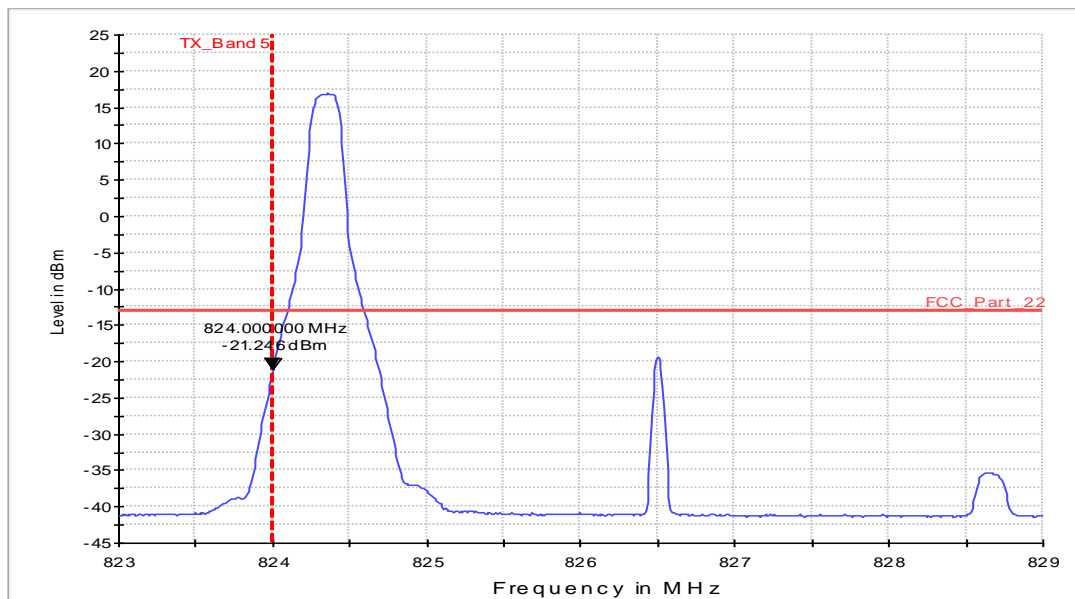
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 22  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 20425

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_007b\_FCC\_22\_BE\_low\_Channel\_20425\_BW\_5MHz\_AV



### Scan Setup:

#### Fula2\_007b\_FCC\_22\_BE\_low\_Channel\_20425\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
823 MHz - 829 MHz	10 kHz	RMS	50 kHz	0.05 s	0 dB

### 1.17. Conducted emissions – band - edge (LTE Band XVII)

## Diagram No. 37.171a\_BE\_C\_Ch23755\_BW\_5MHz\_1RB\_QPSK

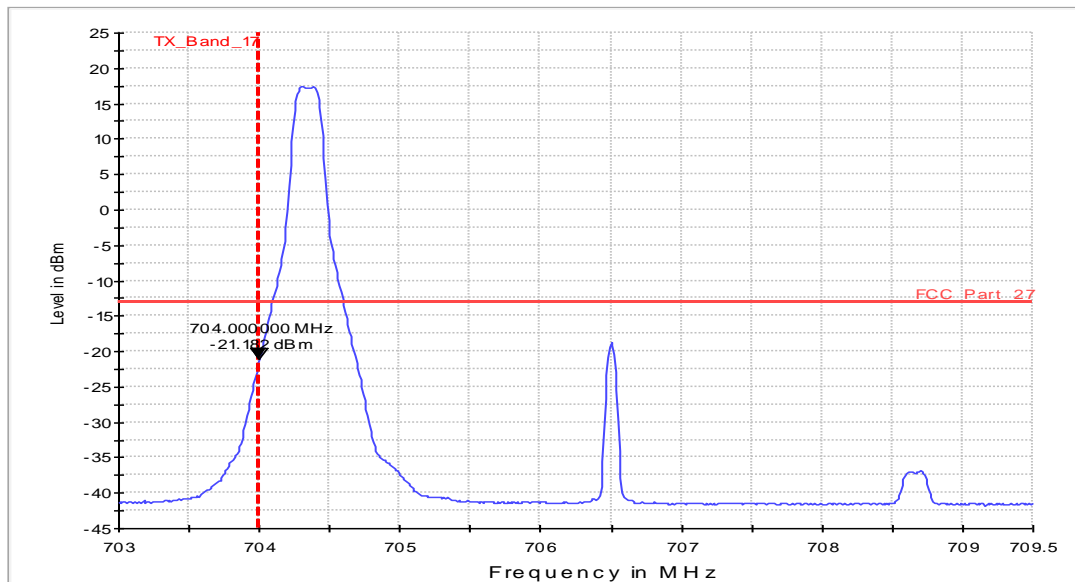
### Common Information

Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 27
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 23755

### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE
-----	
HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_001b\_FCC\_27\_BE\_low\_Channel\_23755\_BW\_5MHz\_AV



### Scan Setup:

## Fula2\_001b\_FCC\_27\_BE\_low\_Channel\_23755\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
----------	-----------	-----------	-------	------------	--------

703 MHz - 709.5 MHz      10 kHz      RMS      50 kHz      0.05 s      0 dB

### Diagram No. 37.171b\_BE\_C\_Ch23755\_BW\_5MHz\_1RB\_QAM

#### Common Information

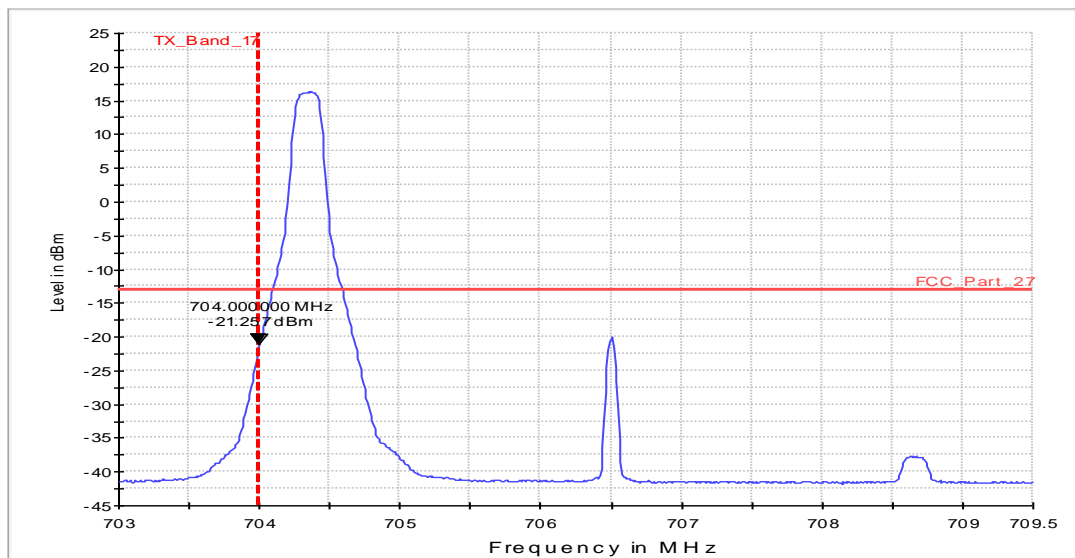
Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 27
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 23755

#### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE

HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_001b\_FCC\_27\_BE\_low\_Channel\_23755\_BW\_5MHz\_AV



#### Scan Setup:

#### Fula2\_001b\_FCC\_27\_BE\_low\_Channel\_23755\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

<b>Subrange</b>	<b>Step Size</b>	<b>Detectors</b>	<b>IF BW</b>	<b>Meas. Time</b>	<b>Preamp</b>
703 MHz - 709.5 MHz	10 kHz	RMS	50 kHz	0.05 s	0 dB

## Diagram No. 37.175a\_BE\_C\_Ch23825\_BW\_5MHz\_1RB\_QPSK

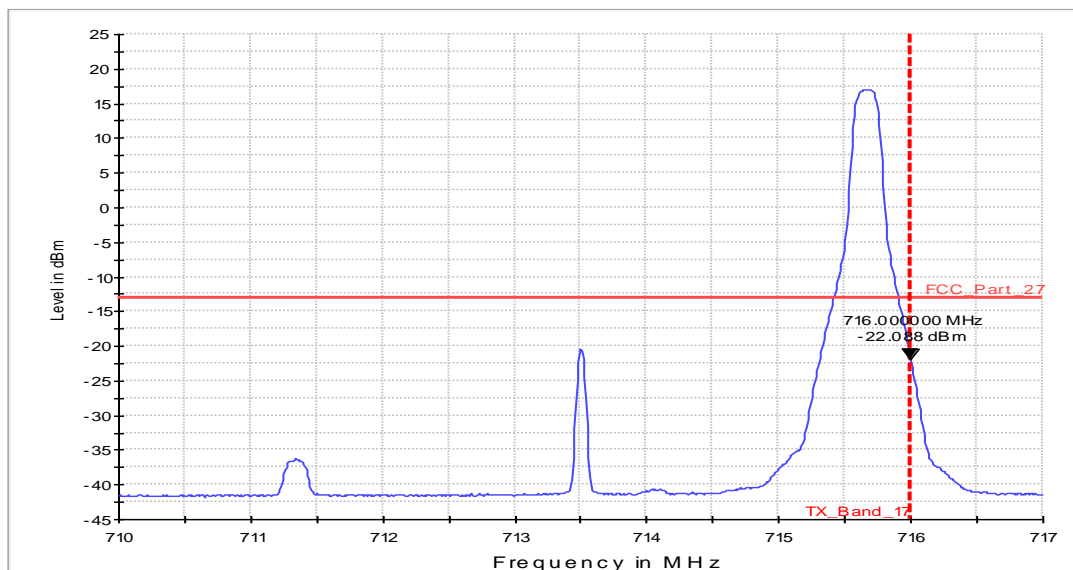
### Common Information

Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 2
Test Standard:	FCC Part 27
Environment Conditions:	Normal conditions (Vnominal, Tnominal)
Operator Name:	MWe
Operating mode:	TX on channel 23825

### EUT Information

Manufacturer:	Peiker
EuT:	PKD0424AB0o
Type:	GPRS/W-CDMA/LTE
-----	
HW version:	3.0
SW version:	M9615A-CETWZTAZM-5.0.17006
Serial number:	US#405V1140-101 HW1613
Connected Interfaces:	Microphone and loudspeaker
Power Supply:	3.8V DC
Comments:	--

Fula2\_003b\_FCC\_27\_BE\_high\_Channel\_23825\_BW\_5MHz\_AV



### Scan Setup:

#### Fula2\_003b\_FCC\_27\_BE\_high\_Channel\_23825\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup:	Fula2_HW_08_FCC_22_24_6dB_coupler
Receiver:	[ESU 26]
Level Unit:	dBm

<b>Subrange</b>	<b>Step Size</b>	<b>Detectors</b>	<b>IF BW</b>	<b>Meas. Time</b>	<b>Preamp</b>
710 MHz - 717 MHz	10 kHz	RMS	50 kHz	0.05 s	0 dB

## Diagram No. 37.175b\_BE\_C\_Ch23825\_BW\_5MHz\_1RB\_QAM

### Common Information

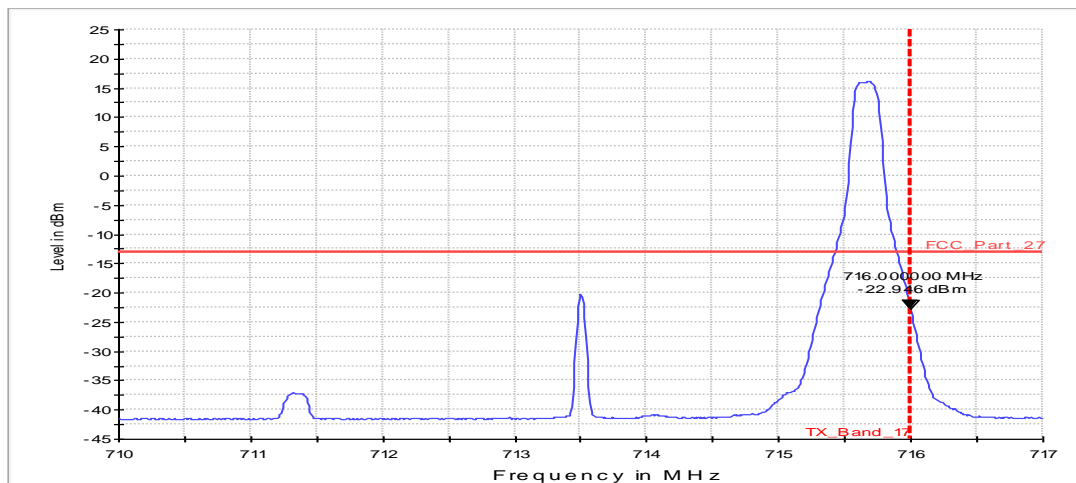
Test Description: Transmitter unwanted emissions (Band-Edge)/ FCC requirements  
 Test Site: Radio laboratory 2  
 Test Standard: FCC Part 27  
 Environment Conditions: Normal conditions (Vnominal, Tnominal)  
 Operator Name: MWe  
 Operating mode: TX on channel 23825

### EUT Information

Manufacturer: Peiker  
 EuT: PKD0424AB0o  
 Type: GPRS/W-CDMA/LTE

HW version: 3.0  
 SW version: M9615A-CETWZTAZM-5.0.17006  
 Serial number: US#405V1140-101 HW1613  
 Connected Interfaces: Microphone and loudspeaker  
 Power Supply: 3.8V DC  
 Comments: --

Fula2\_003b\_FCC\_27\_BE\_high\_Channel\_23825\_BW\_5MHz\_AV



### Scan Setup:

#### Fula2\_003b\_FCC\_27\_BE\_high\_Channel\_23825\_BW\_5MHz\_AV [EMI radiated]

Hardware Setup: Fula2\_HW\_08\_FCC\_22\_24\_6dB\_coupler  
 Receiver: [ESU 26]  
 Level Unit: dBm

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
710 MHz - 717 MHz	10 kHz	RMS	50 kHz	0.05 s	0 dB