







Annex 1: Measurement diagrams to  
**TEST REPORT**  
 No.: 16-1-0050601T36a

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

Peiker acoustic GmbH & Co. KG

GSM/ WCDMA/ LTE Telematics ROW Module  
 V1233-0

FCC-ID: QWY-V1233-0

Laboratory Accreditation and Listings		
 <p>Deutsche Akkreditierungsstelle D-PL-12047-01-01</p> <p>Accredited EMC-Test Laboratory</p>	 <p>Industry Canada</p> <p>Reg. No.: 3462D-1          Reg. No.: 3462D-2          Reg. No.: 3462D-3</p>	 <p>Voluntary Controls for Electromagnetic Emissions</p> <p>Reg. No.:          R-20013, C-20009,          T-20006, G-20013</p>
 <p>AUTHORIZED RF LABORATORY</p>	 <p>Authorized™ Test Lab</p> <p>Lab Code: 20011130-00</p>	 <p>MRA US-EU 0003</p>
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>		
Laboratory Accreditation and Listings		

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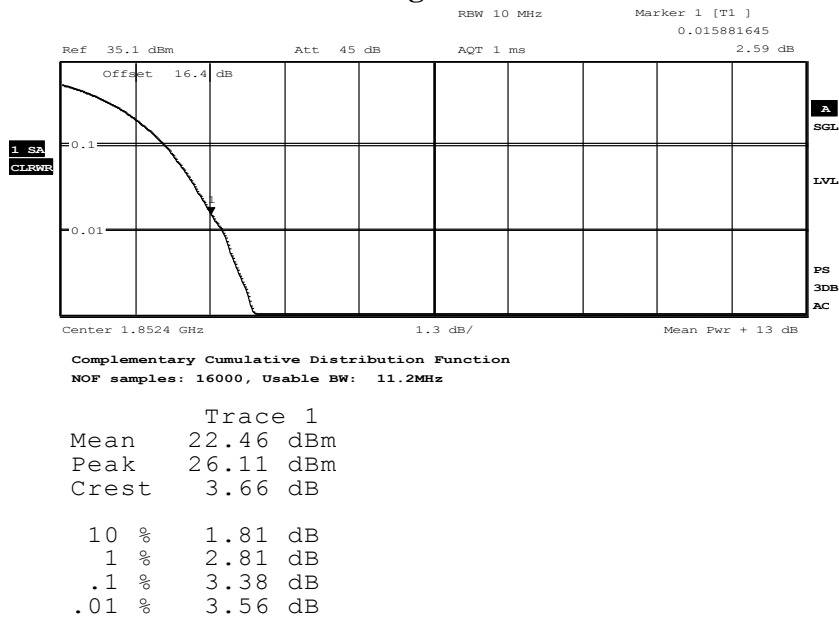
## 1. Conducted power measurements on RF-port

RMC99 - FDD2				
	ARFCN-Frequency [MHz]	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]
Channel 9262	1852.4	26.7	23.0	3.7
Channel 9400	1880.0	26.8	22.9	3.9
Channel 9538	1907.6	26.7	23.0	3.7

RMC99 - FDD 5				
	ARFCN-Frequency [MHz]	Peak detektor [dBm]	RMS detektor [dBm]	PAR Faktor [dB]
Channel 4132	826.4	26.4	23.0	3.3
Channel 4185	837	26.7	23.1	3.6
Channel 4233	846.6	26.7	22.9	3.7

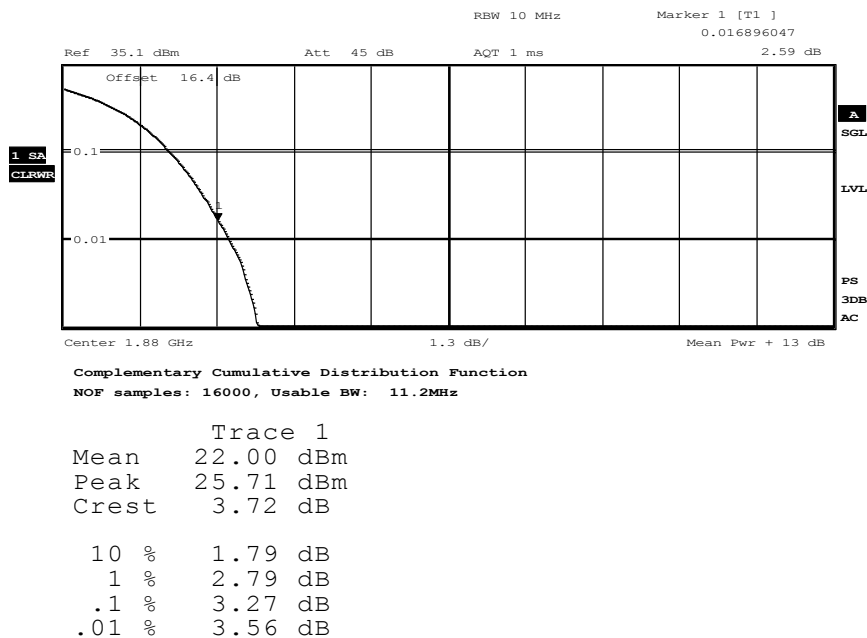
## 2. PAPR-Measurements (CCDF-plots)

### 2.1. FDD Band II transmitting mode



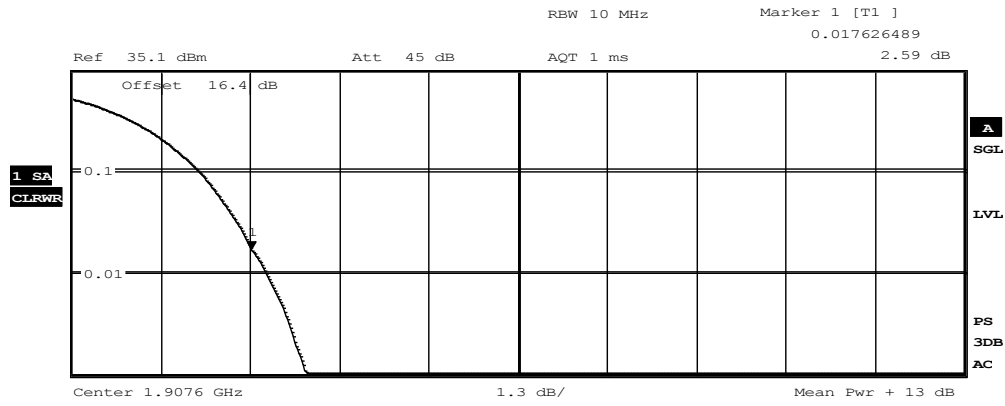
Date: 19.MAY.2017 13:08:10

**Diagram 1: Channel 9262**



Date: 19.MAY.2017 13:09:53

**Diagram 2: Channel 9400**



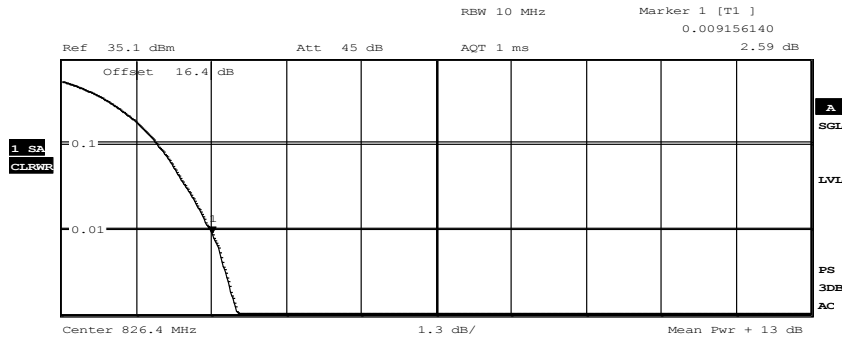
Complementary Cumulative Distribution Function  
 NOF samples: 16000, Usable BW: 11.2MHz

Trace 1	
Mean	22.49 dBm
Peak	26.29 dBm
Crest	3.81 dB
10 %	1.83 dB
1 %	2.83 dB
.1 %	3.42 dB
.01 %	3.63 dB

Date: 19.MAY.2017 13:11:15

**Diagram 3: Channel 9538**

## 2.2. FDD Band V transmitting mode

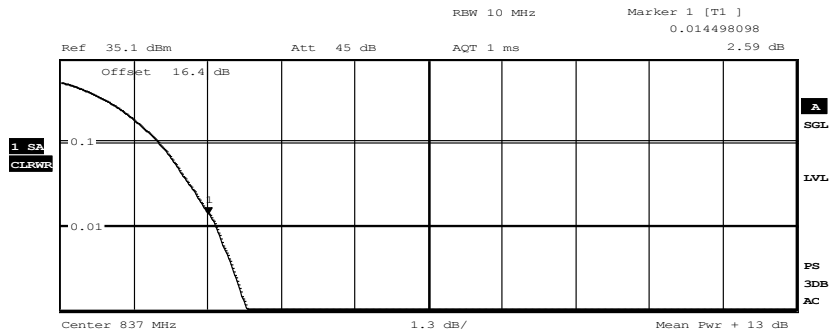


Complementary Cumulative Distribution Function  
 NOF samples: 16000, Usable BW: 11.2MHz

Trace 1	
Mean	22.43 dBm
Peak	25.79 dBm
Crest	3.36 dB
10 %	1.65 dB
1 %	2.58 dB
.1 %	3.06 dB
.01 %	3.25 dB

Date: 19.MAY.2017 13:13:08

**Diagram 4: Channel 4132**

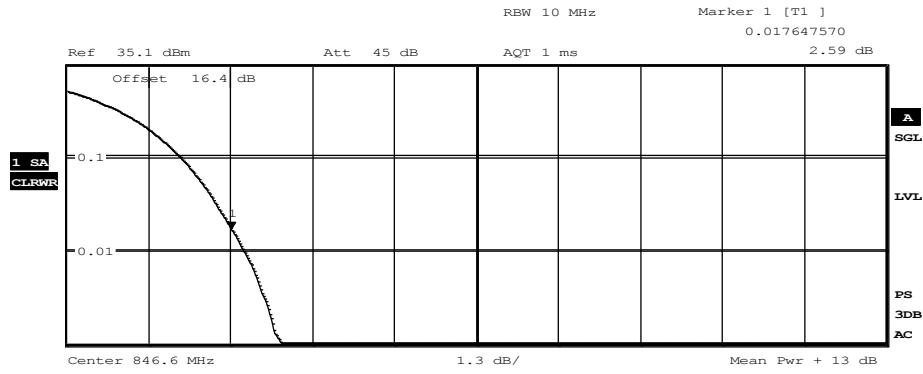


Complementary Cumulative Distribution Function  
 NOF samples: 16000, Usable BW: 11.2MHz

Trace 1	
Mean	22.31 dBm
Peak	25.87 dBm
Crest	3.56 dB
10 %	1.73 dB
1 %	2.75 dB
.1 %	3.29 dB
.01 %	3.48 dB

Date: 19.MAY.2017 13:14:03

**Diagram 5: Channel 4185**



Complementary Cumulative Distribution Function  
 NOF samples: 16000, Usable BW: 11.2MHz

	Trace 1
Mean	22.21 dBm
Peak	25.86 dBm
Crest	3.65 dB
10 %	1.81 dB
1 %	2.81 dB
.1 %	3.40 dB
.01 %	3.56 dB

Date: 19.MAY.2017 13:15:09

**Diagram 6: Channel 4233**

### 3. Radiated emission measurements

#### 3.1. Magnetic field emission measurements §15.209 (FDD Band II transmitting mode)

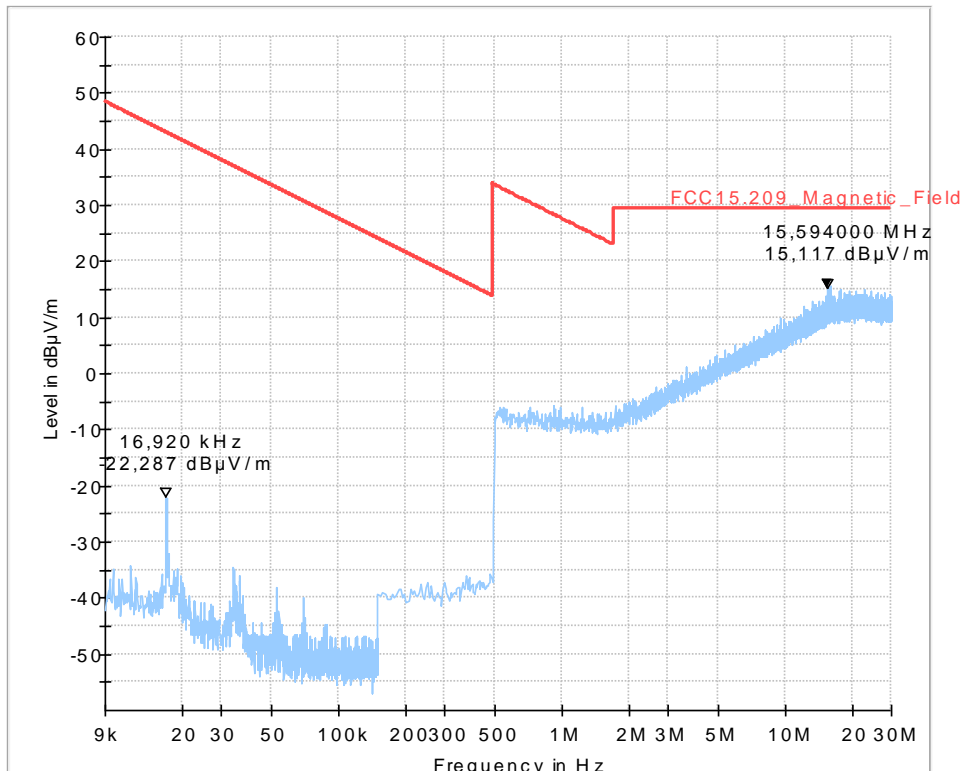
### Diagram No. 2.20\_RSE\_R\_Ch9262\_RMC

Date:	15.04.2017	Page 1 of 2
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	DLe	
Operating conditions:	UMTS FDD 2 RSE_R_Ch9262_RMC	
Power during tests:	12V DC	
Comment 1:	Channel 9262	

#### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum





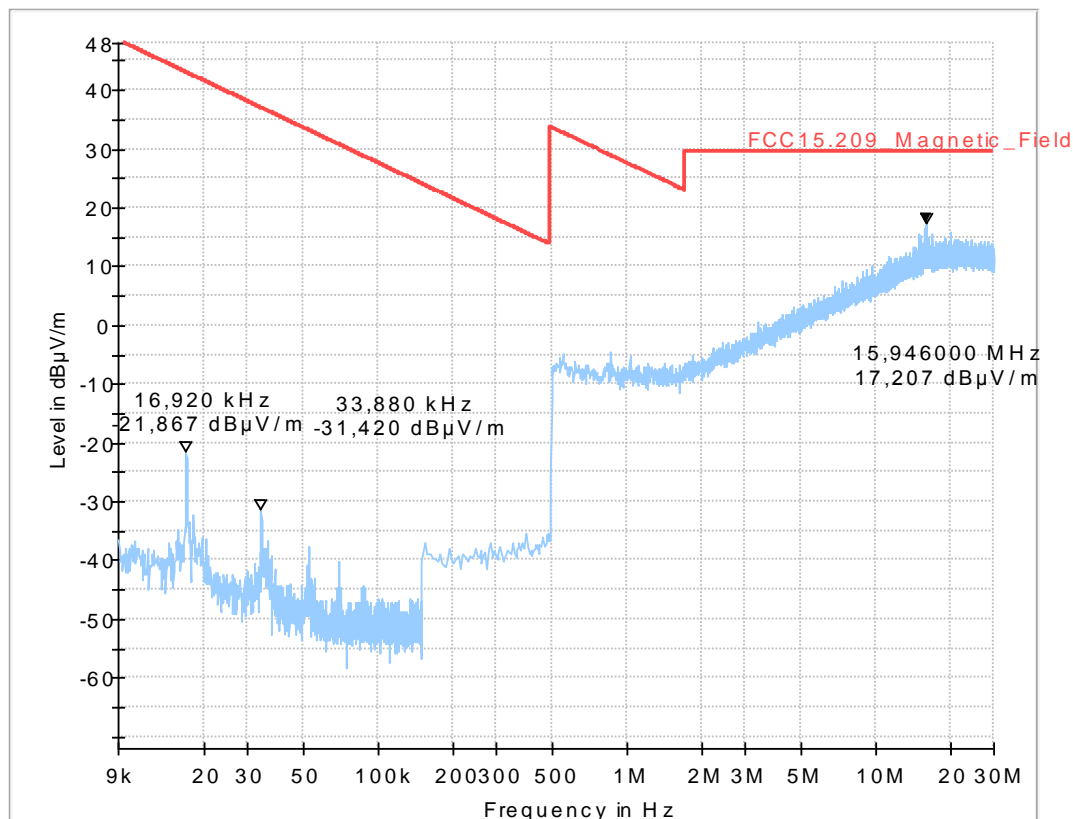
## Diagram No. 2.20b\_RSE\_R\_Ch9262\_RMC

Test description: Test site and distance: Version of Testsoftware: Distance correction: Technical Data: Rec. antenna (pre-scan): Used filter: Test specification:  Operator: Operating Conditions Operating mode Power during tests: Comment 1: Comment 2:	Date: 15.04.2017 Page 1 of 1 Magnetic Field Strength Measurement related to 30 m distance Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance EMC32 V9.25.0 used accord. table, pls. see test report Please see page 2 for detailed data of measurement setup height 1.00 m, parallel and 90° to EUT polarisation bypass FCC 15.225; RSS-Gen: Issue 3  Klv Humidity: 40%rH; Temperature: 21°C UMTS II Channel 9262 12V DC Channel 9262 EUT Standing
--	--

### EUT Information

Manufacturer: EUT:  ----- HW version: SW version: Serial number: Connected Interfaces:  Power Supply: Comments:	peiker acoustic GmbH & Co. KG V1233-0  ----- V1233-0_Ver.1 MPSS.TH.2.0.2-00220 004402580050122 Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables 12VDC -
---	---

Full Spectrum



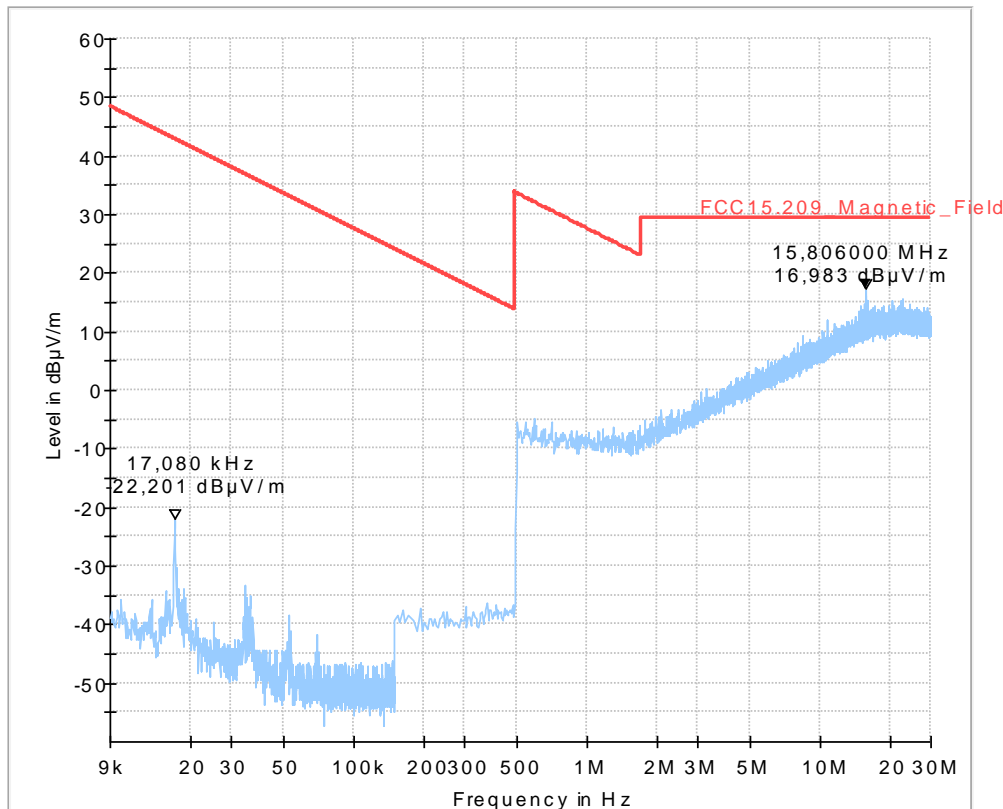
## Diagram No. 2.21\_RSE\_R\_Ch9400\_RMC

Date:	15.04.2017	Page 1 of 2
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	DLe	
Operating conditions:	UMTS FDD 2 RSE_R_Ch9400_RMC	
Power during tests:	12V DC	
Comment 1:	Channel 9400	

### EUT Information

Manufacturer:	peiker acustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



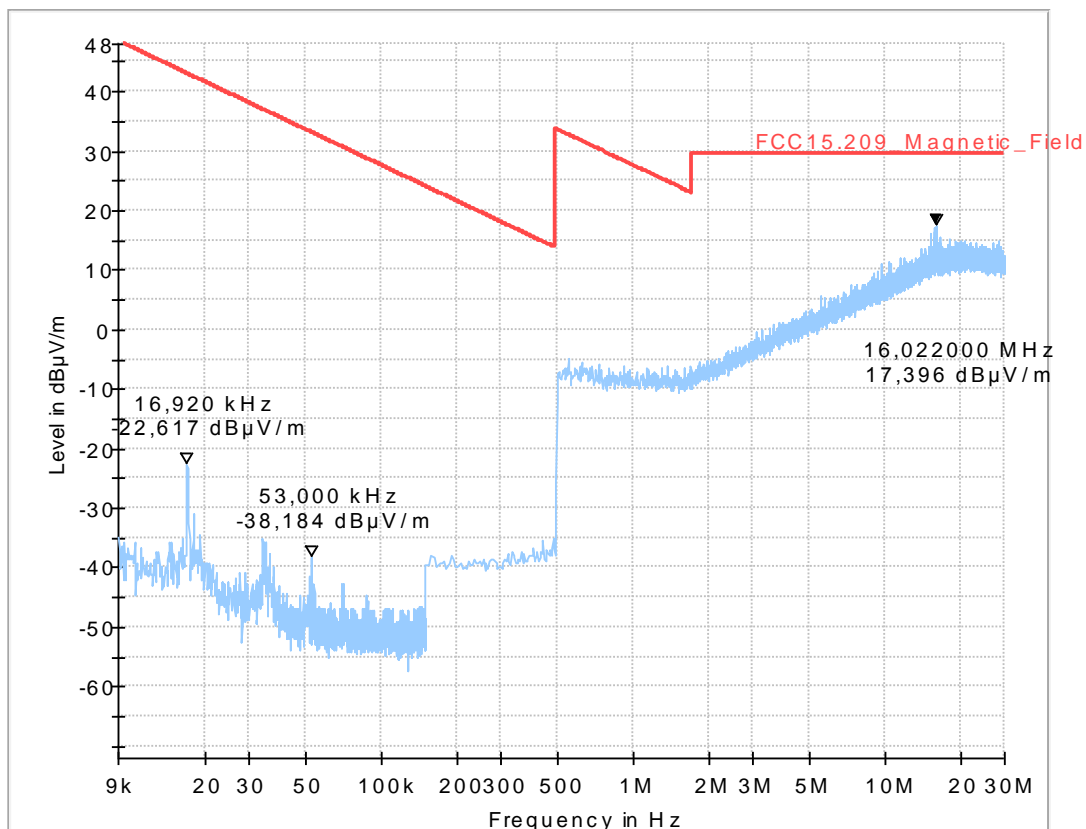
## Diagram No. 2.21b\_RSE\_R\_Ch9400\_RMC

Date:	15.04.2017	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	Klv	
Operating Conditions:	Humidity: 40%rH; Temperature: 21°C	
Operating mode:	UMTS II Channel 9400	
Power during tests:	12V DC	
Comment 1:	Channel 9400	
Comment 2:	EUT Standing	

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



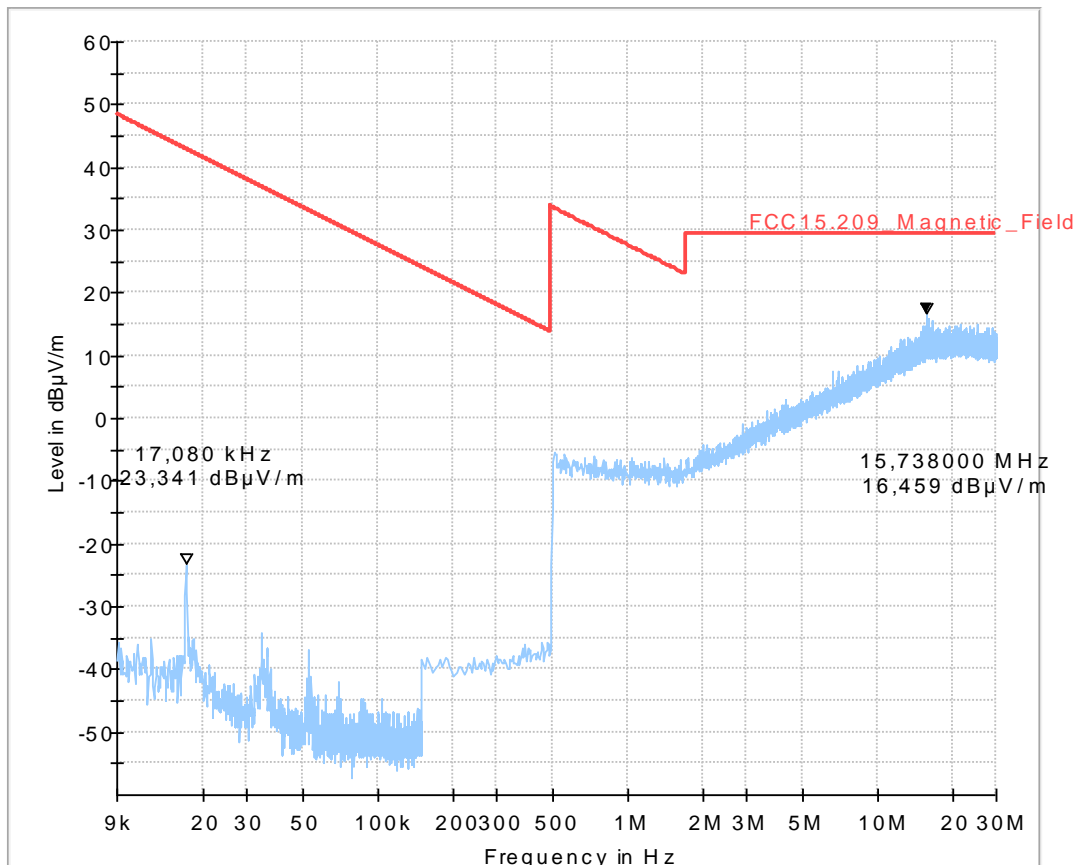
## Diagram No. 2.22\_RSE\_R\_Ch9538\_RMC

Date: 15.04.2017	Page 1 of 2
Test description:	Magnetic Field Strength Measurement related to 30 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.225; RSS-Gen: Issue 3
Operator:	DLe
Operating conditions:	UMTS FDD 2 RSE_R_Ch9538_RMC
Power during tests:	12V DC
Comment 1:	Channel 9538

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



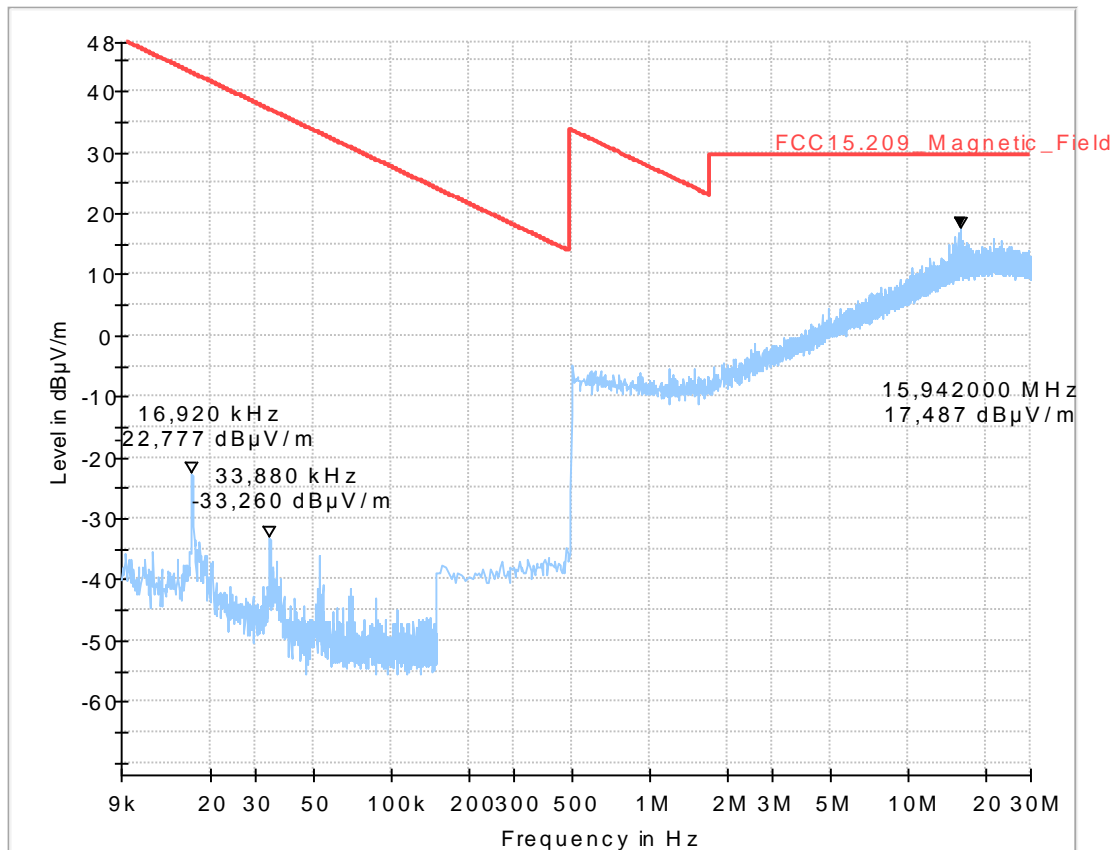
## Diagram No. 2.22b\_RSE\_R\_Ch9538\_RMC

Test description: Test site and distance: Version of Testsoftware: Distance correction: Technical Data: Rec. antenna (pre-scan): Used filter: Test specification:	Date: 15.04.2017    Page 1 of 1 Magnetic Field Strength Measurement related to 30 m distance Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance EMC32 V9.25.0 used accord. table, pls. see test report Please see page 2 for detailed data of measurement setup height 1.00 m, parallel and 90° to EUT polarisation bypass FCC 15.225; RSS-Gen: Issue 3
Operator: Operating Conditions Operating mode Power during tests: Comment 1: Comment 2:	Klv Humidity: 40%rH; Temperature: 21°C UMTS II Channel 9538 12V DC Channel 9538 EUT Standing

### EUT Information

Manufacturer: EUT: ----- HW version: SW version: Serial number: Connected Interfaces:  Power Supply: Comments:	peiker acoustic GmbH & Co. KG V1233-0 ----- V1233-0_Ver.1 MPSS.TH.2.0.2-00220 004402580050122 Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables 12VDC -
---	---

Full Spectrum



### 3.2. Magnetic field emission measurements §15.209 (FDD Band V transmitting mode)

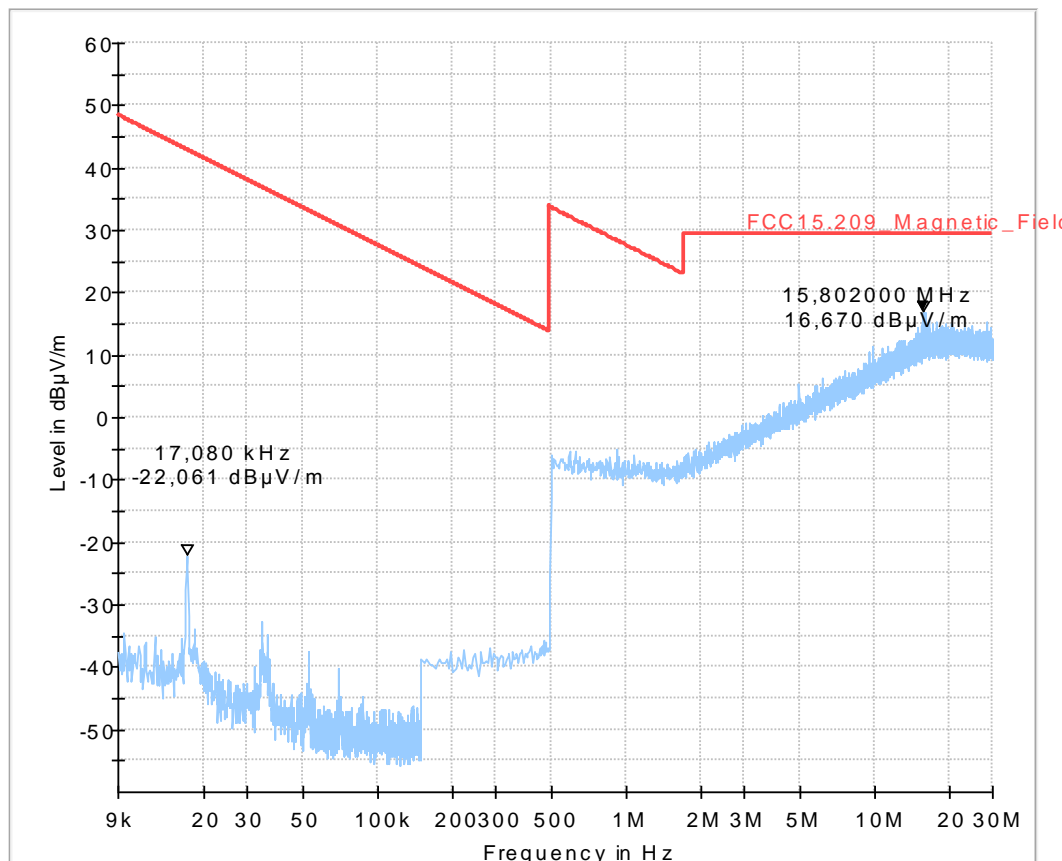
## Diagram No. 2.50\_RSE\_R\_Ch4132\_RMC

Date:	15.04.2017	Page 1 of 2
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	DLe	
Operating conditions:	UMTS FDD 5 RSE_R_Ch4132_RMC	
Power during tests:	12V DC	
Comment 1:	Channel 4132	

#### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



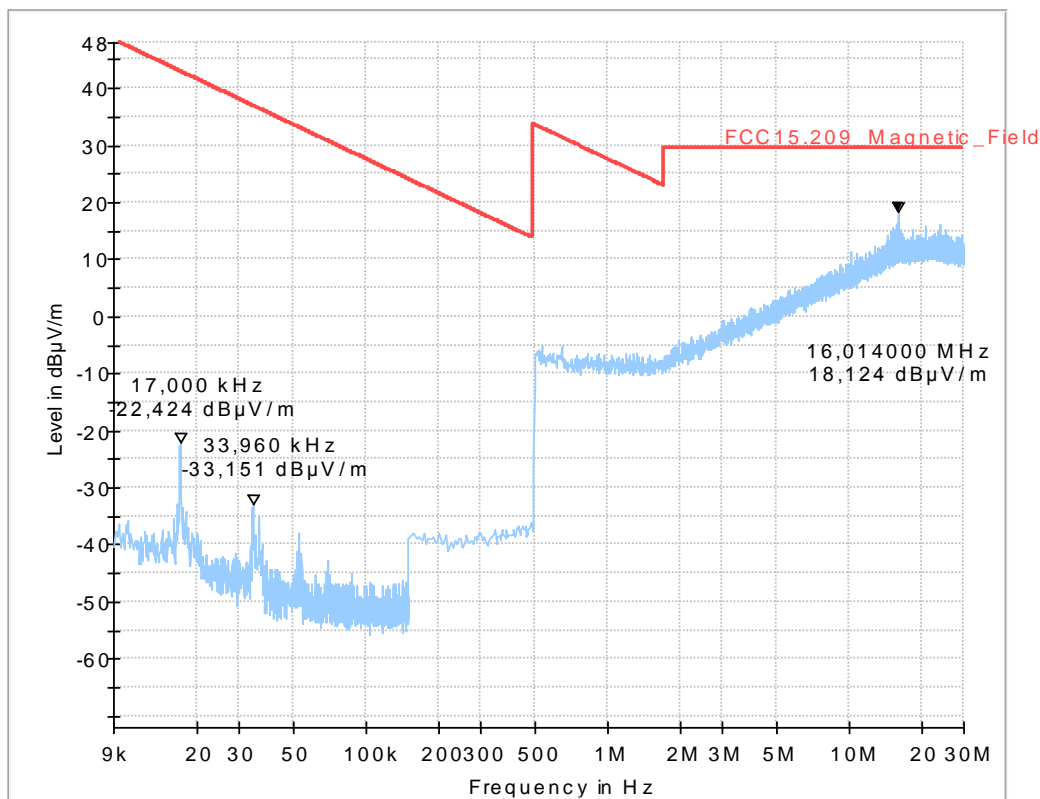
## Diagram No. 2.50b\_RSE\_R\_Ch4132\_RMC

Date:	15.04.2017	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	Klv	
Operating Conditions:	Humidity: 40%rH; Temperature: 21°C	
Operating mode:	UMTS V Channel 4132	
Power during tests:	12V DC	
Comment 1:	Channel 4132	
Comment 2:	EUT Standing	

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



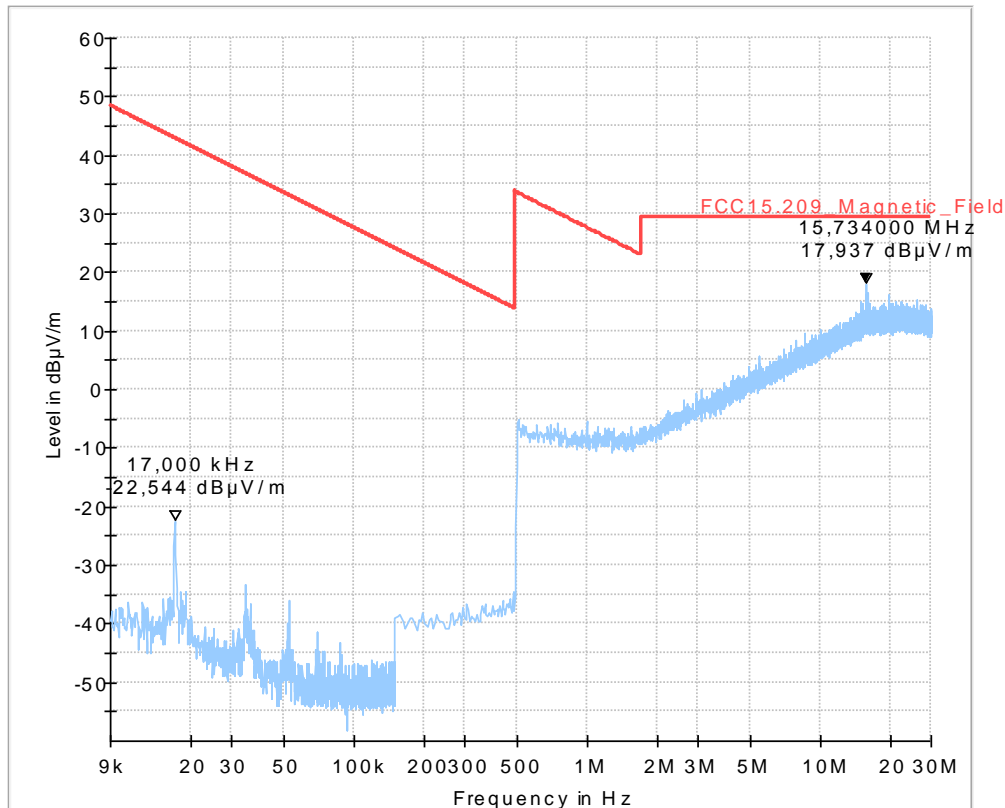
## Diagram No. 2.51\_RSE\_R\_Ch4183\_RMC

Date:	15.04.2017	Page 1 of 2
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	DLe	
Operating conditions:	UMTS FDD 5 RSE_R_Ch4183_RMC	
Power during tests:	12V DC	
Comment 1:	Channel 4183	

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum





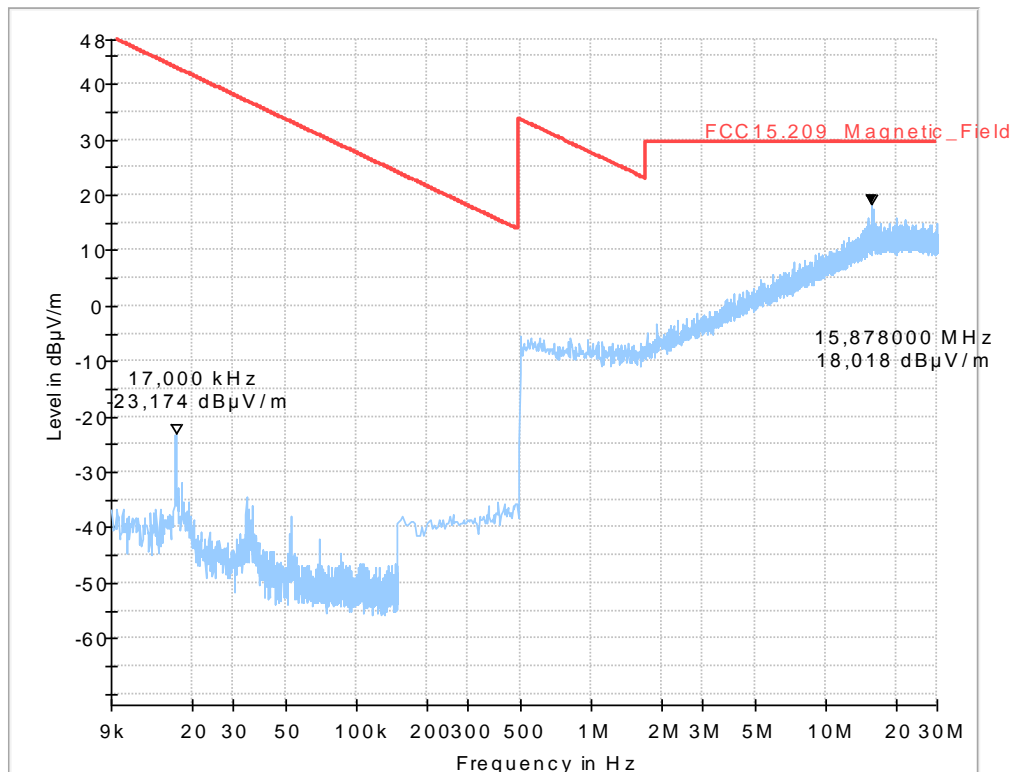
## Diagram No. 2.51b\_RSE\_R\_Ch4183\_RMC

Date:	15.04.2017	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	Klv	
Operating Conditions:	Humidity: 40%rH; Temperature: 21°C	
Operating mode:	UMTS V Channel 4233	
Power during tests:	12V DC	
Comment 1:	Channel 4233	
Comment 2:	EUT Standing	

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



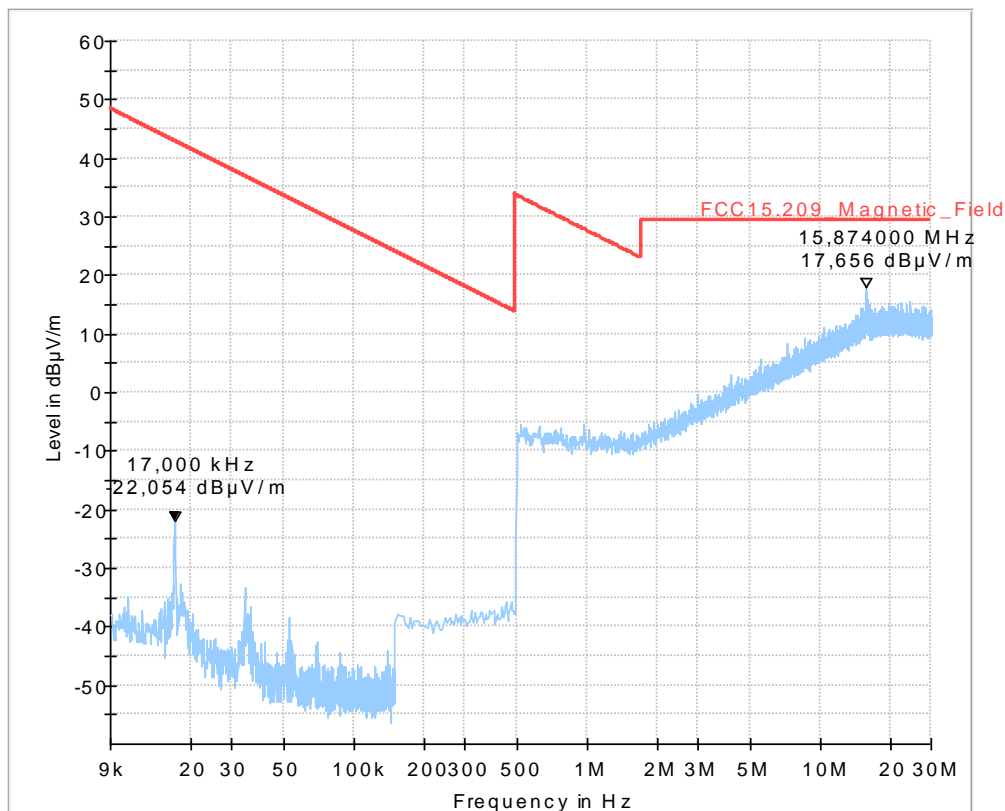
## Diagram No. 2.52\_RSE\_R\_Ch4233\_RMC

Date:	15.04.2017	Page 1 of 2
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	DLe	
Operating conditions:	UMTS FDD 5 RSE_R_Ch4233_RMC	
Power during tests:	12V DC	
Comment 1:	Channel 4233	

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	-----
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



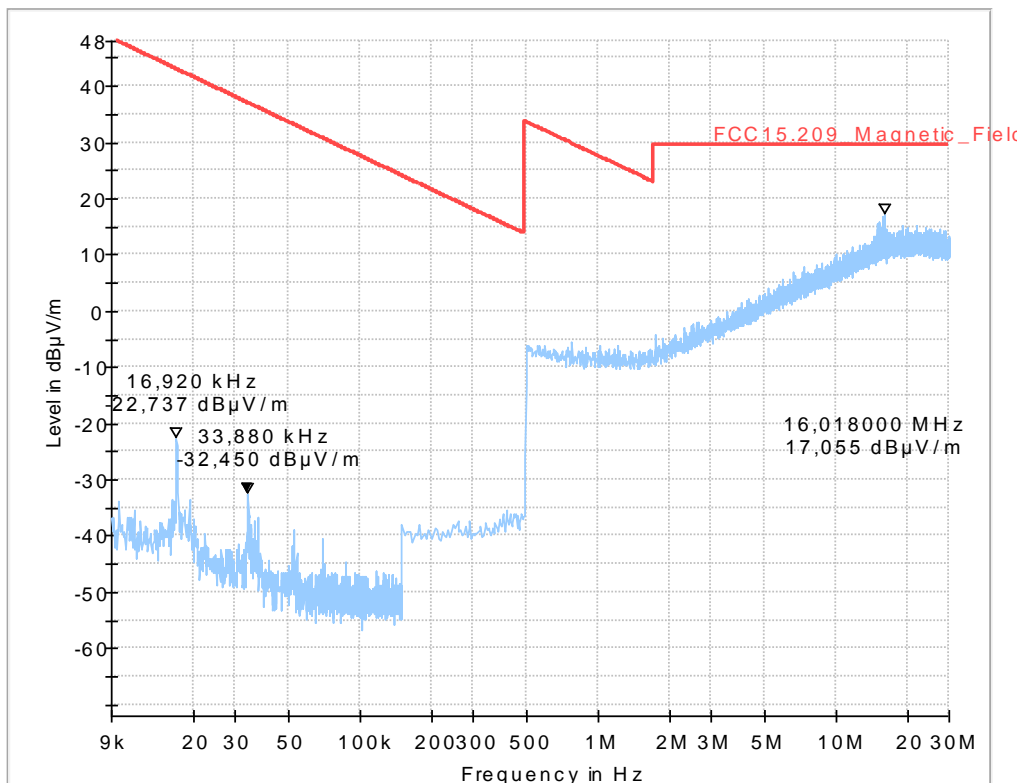
## Diagram No. 2.52b\_RSE\_R\_Ch4233\_RMC

Date:	15.04.2017	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test report	
Technical Data:	Please see page 2 for detailed data of measurement setup	
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation	
Used filter:	bypass	
Test specification:	FCC 15.225; RSS-Gen: Issue 3	
Operator:	Klv	
Operating Conditions:	Humidity: 40%rH; Temperature: 21°C	
Operating mode:	UMTS V Channel 4233	
Power during tests:	12V DC	
Comment 1:	Channel 4233	
Comment 2:	EUT Standing	

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### 3.3. Spurious emissions radiated (FDD Band II transmitting mode)

#### 8.20a\_RSE\_R\_Ch9262\_RMC

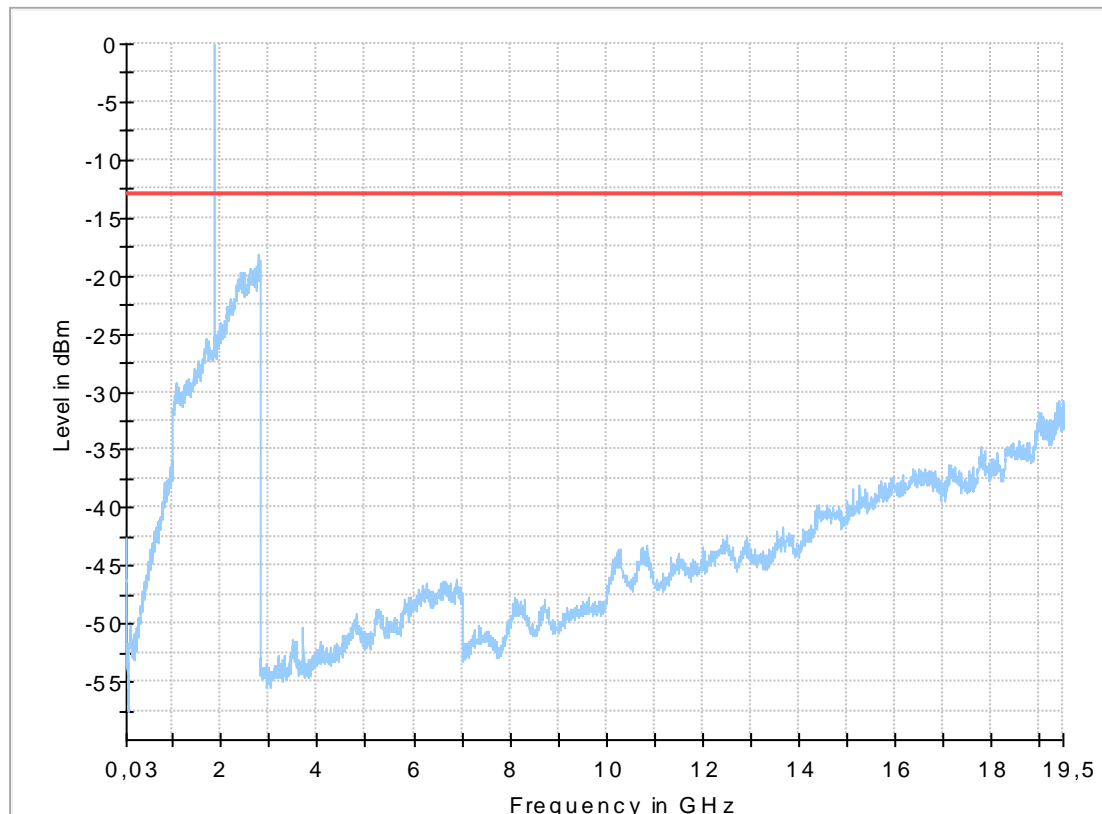
##### Common Information

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 9262/9400/9538 (fc = 1852.4/1880.0/1907.6 MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

##### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



##### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1851.528056	-13.00	-37.38	10000.0	V	-31.0	0.0	-63.1

## 8.20b\_RSE\_R\_Ch9262\_RMC

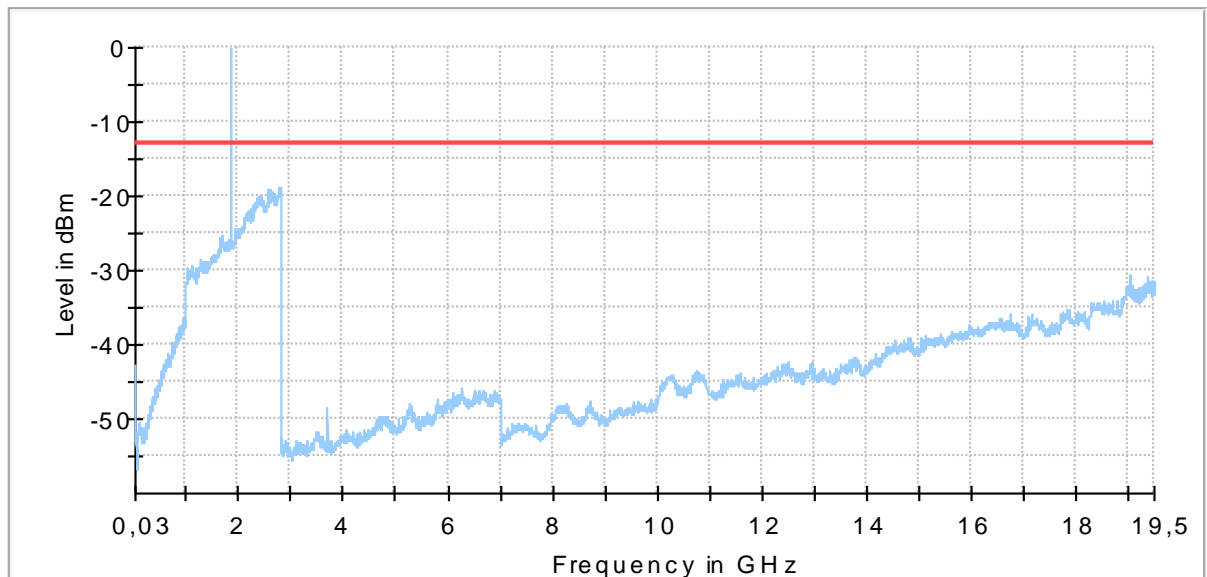
### Common Information

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 9262/9400/9538 (fc = 1852.4/1880.0/1907.6 MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - Laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



## 8.21a\_RSE\_R\_Ch9400\_RMC

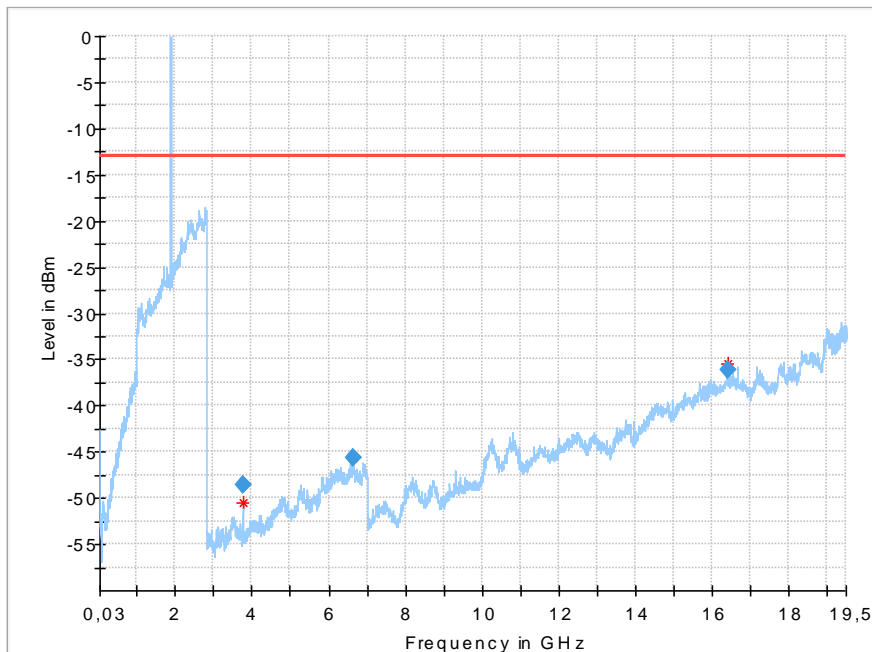
### Common Information

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 9262/9400/9538 (fc = 1852.4/1880.0/1907.6 MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1879.153307	-13.00	-35.93	10000.0	V	332.0	0.0	-63.0
3758.782565	-13.00	35.56	10000.0	H	19.0	0.0	-95.1
6644.313627	-13.00	32.73	10000.0	V	25.0	0.0	-85.7
16426.853708	-13.00	23.17	10000.0	H	256.0	0.0	-69.6

## 8.21b\_RSE\_R\_Ch9400\_RMC

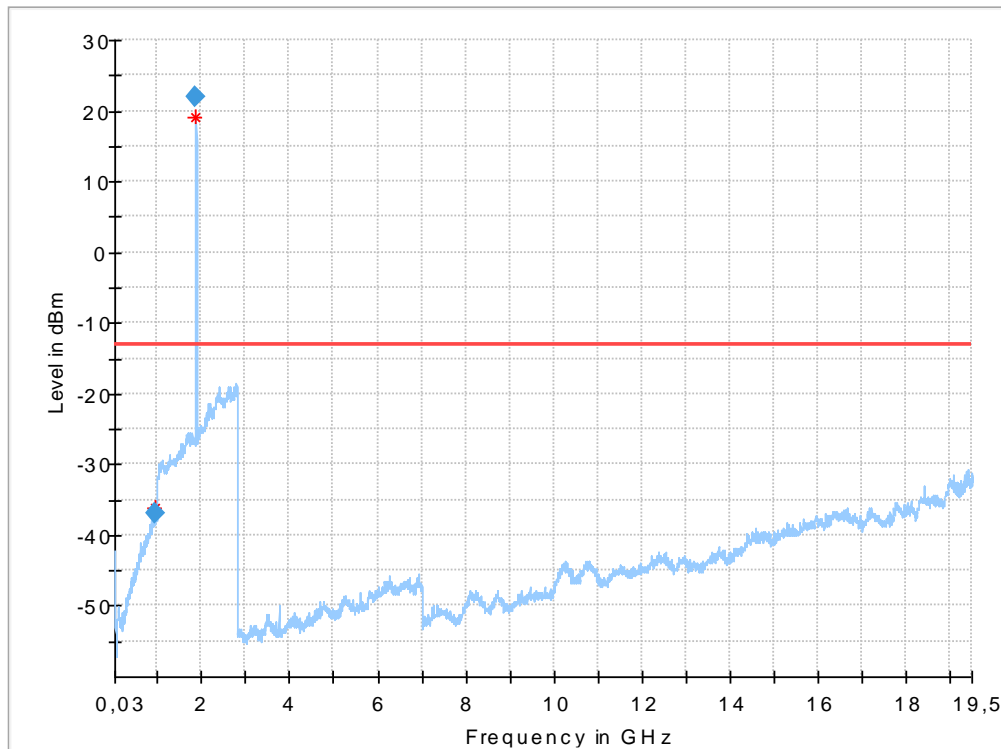
### Common Information

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 9400 (fc = 1880.0MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
945.666333	-13.00	23.95	10000.0	H	276.0	0.0	-74.8
1879.123247	-13.00	-35.03	10000.0	V	260.0	0.0	-63.0

## 8.22a\_RSE\_R\_Ch9538\_RMC

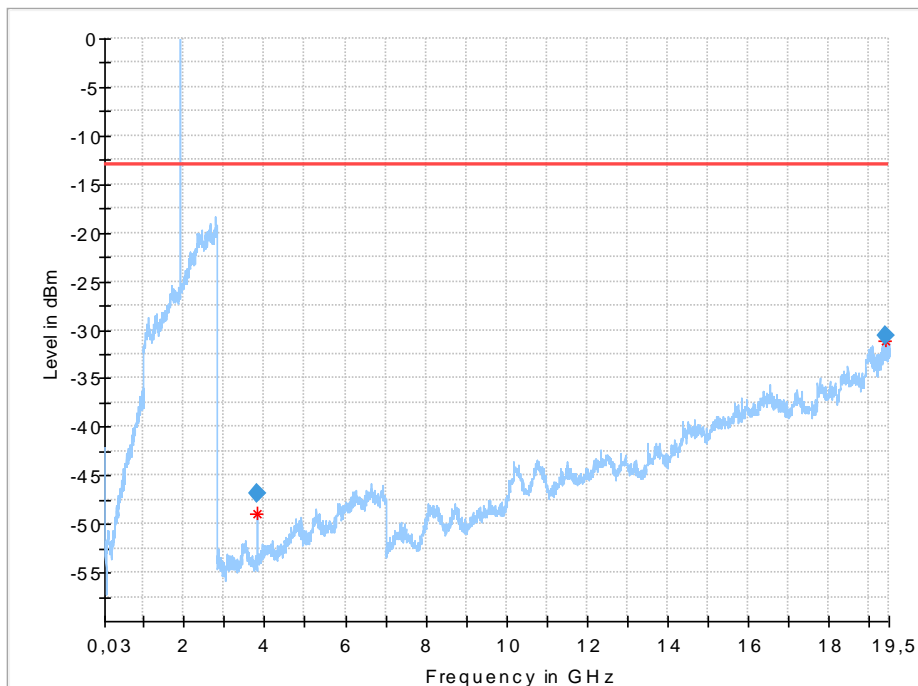
### Common Information

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 9262/9400/9538 (fc = 1852.4/1880.0/1907.6 MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1906.748497	-13.00	-36.75	10000.0	V	-25.0	0.0	-62.9
3813.762525	-13.00	33.86	10000.0	H	36.0	0.0	-95.1
19396.793587	-13.00	17.69	10000.0	V	77.0	0.0	-63.5



## 8.22b\_RSE\_R\_Ch9538\_RMC

### Common Information

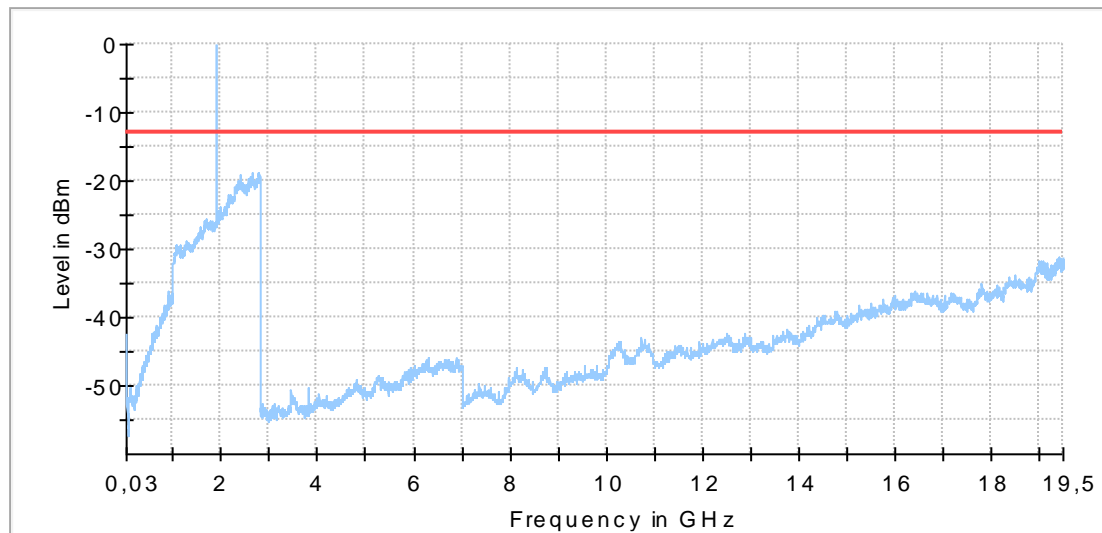
Test Description:	Radiated Spurious Emissions UMTS FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 22&24
Operating Mode:	UE allocated channel 9538 (fc = 1907.6 MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Sra

Comment: EUT - laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### 3.4. Spurious emissions radiated (FDD Band V transmitting mode)

## 8.50\_RSE\_R\_Ch4132\_RMC

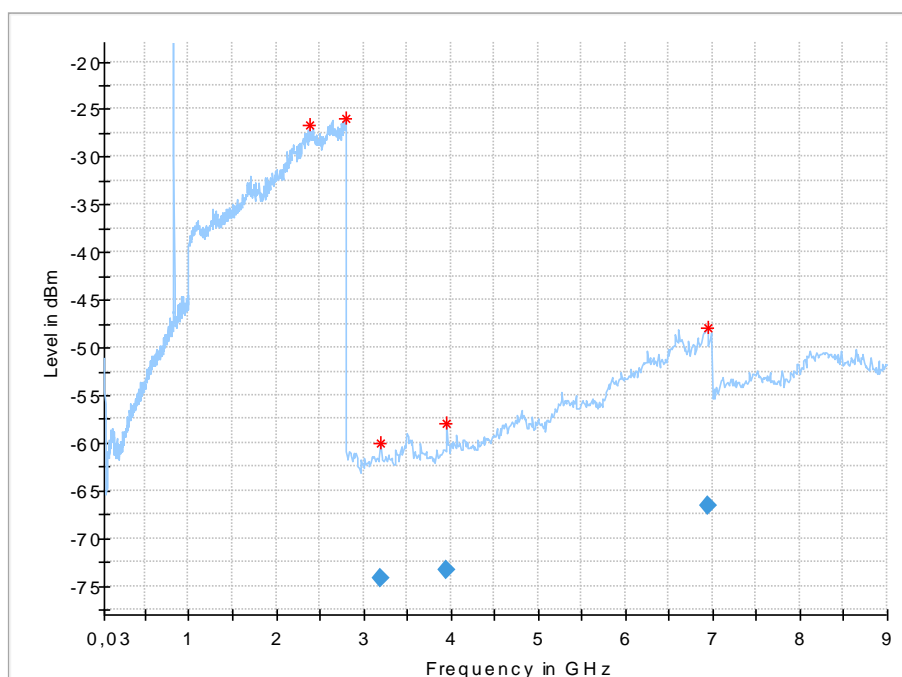
#### Common Information

Test Description:	Radiated Spurious Emissions UMTS 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 4132/4182/4233 (fc = 826.6/836.4/846.6 MHz), Voice/HSDPA/HSUPA/HSPA+, H-Set x
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

#### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



#### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
826.983968	-	-18.58	1000.0	H	-1.0	0.0	-75.9
3194.058116	-	61.11	1000.0	V	57.0	0.0	-95.4
3955.781563	-	60.34	1000.0	H	315.0	0.0	-94.0
6942.274549	-	53.66	1000.0	H	242.0	0.0	-85.1

## 8.50b\_RSE\_R\_Ch4132\_RMC

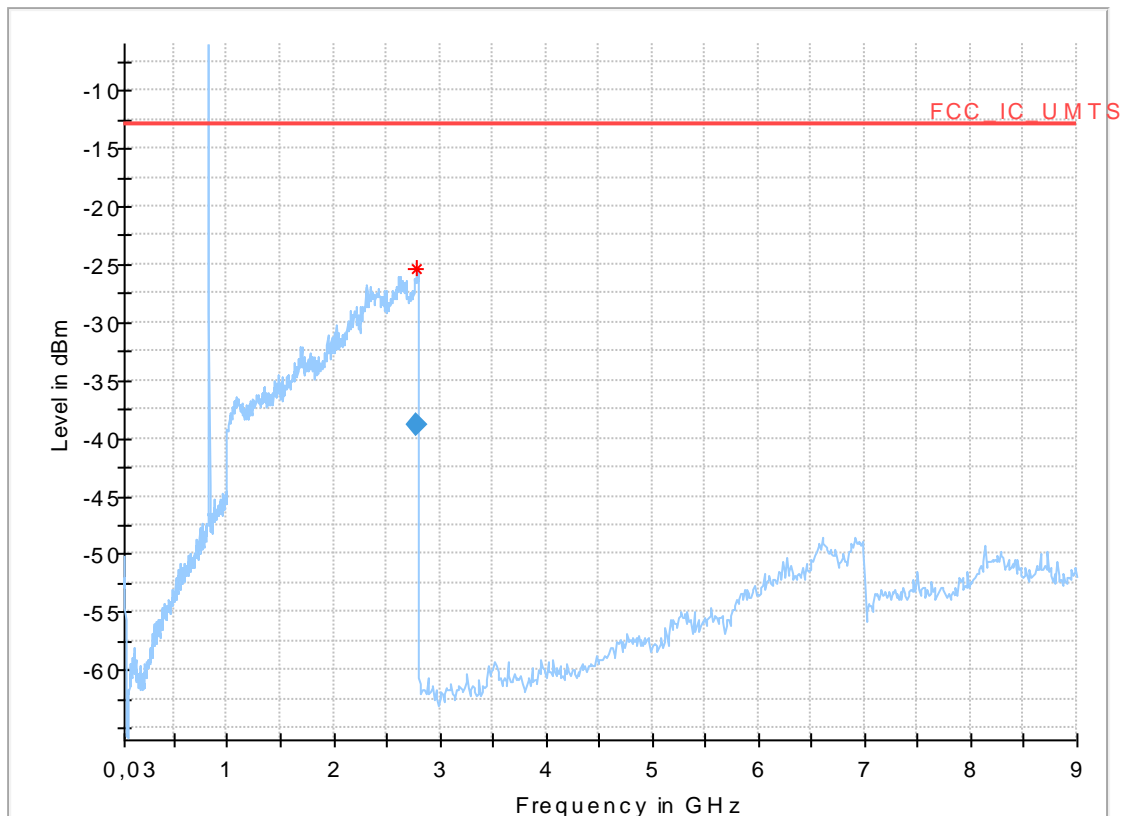
### Common Information

Test Description:	Radiated Spurious Emissions UMTS 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 4132/4182/4233 (fc = 826.6/836.4/846.6 MHz), Voice/HSDPA/HSUPA/HSPA+, H-Set x
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
825.541082	-	-18.05	1000.0	V	283.0	0.0	-75.9
2785.040080	-	25.86	1000.0	H	275.0	0.0	-57.3

## 8.51a\_RSE\_R\_Ch4183\_RMC

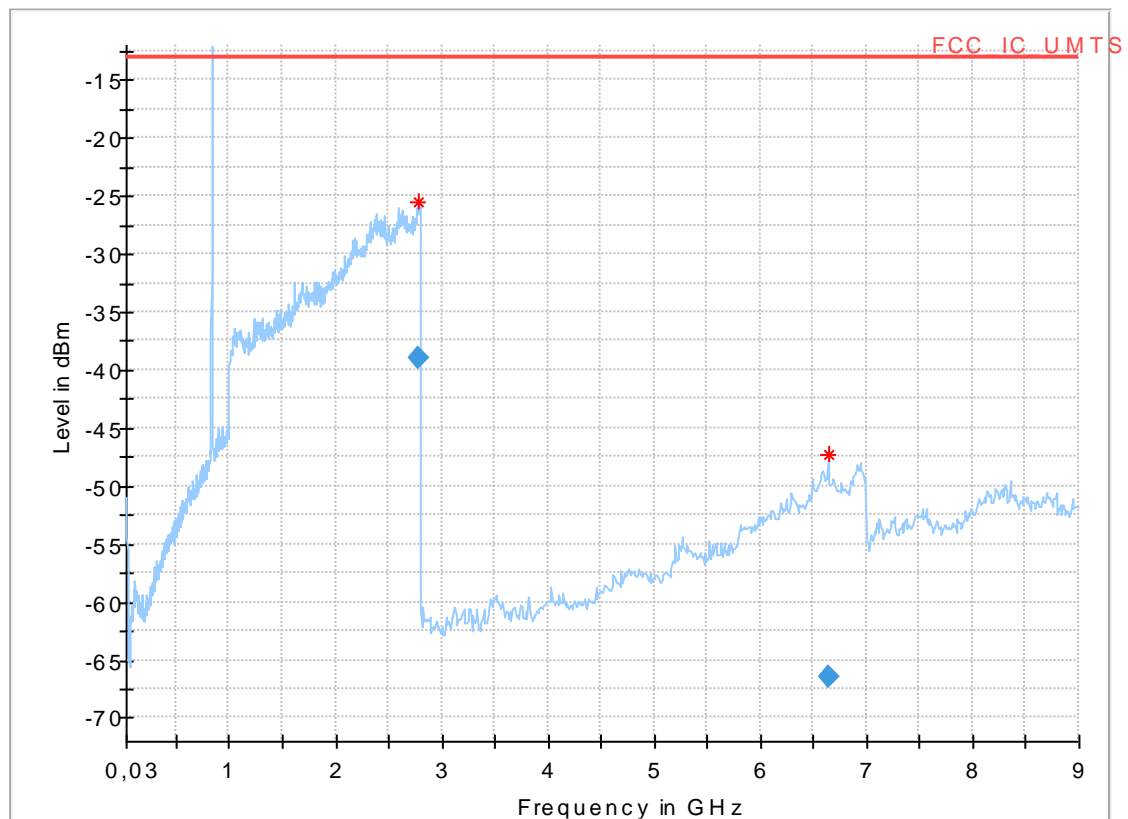
### Common Information

Test Description:	Radiated Spurious Emissions UMTS 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 4183 (fc = 836.6MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
837.184369	-	-17.29	1000.0	H	300.0	0.0	-75.7
2780.611223	-	25.91	1000.0	V	96.0	0.0	-57.3
6640.390781	-	53.42	1000.0	H	252.0	0.0	-85.8

## 8.51b\_RSE\_R\_Ch4183\_RMC

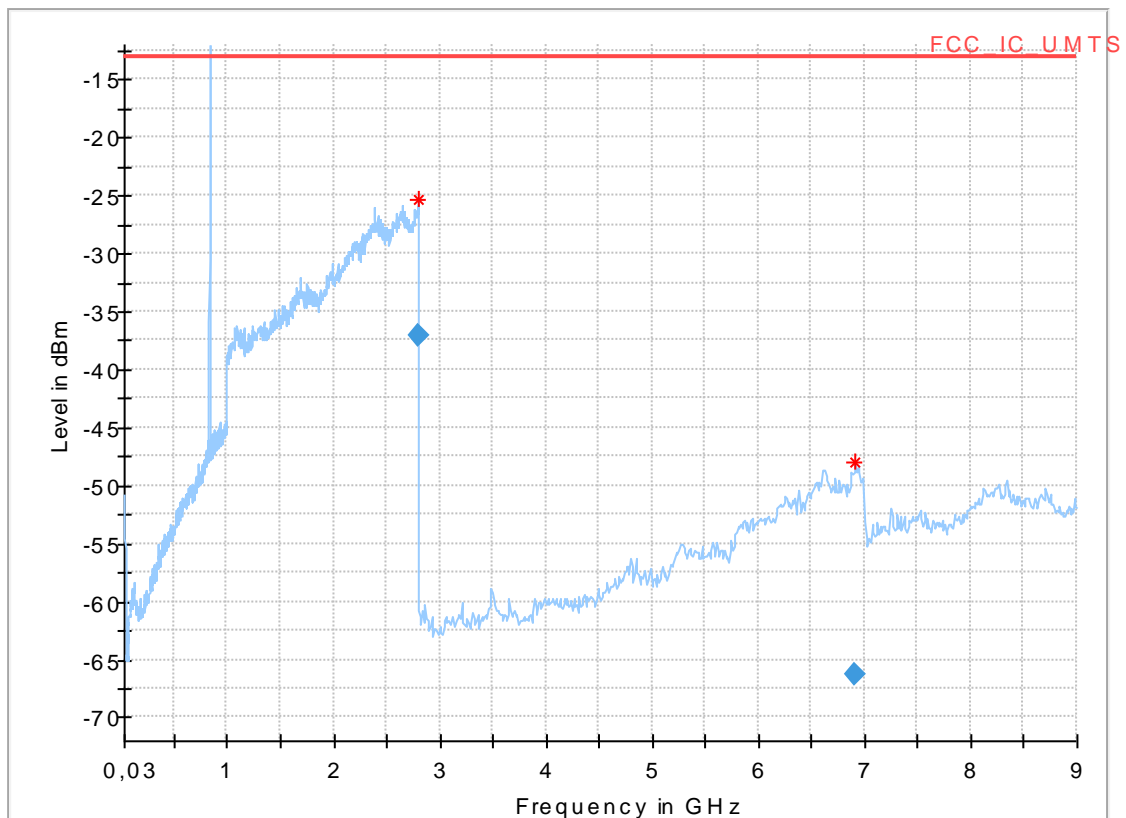
### Common Information

Test Description:	Radiated Spurious Emissions UMTS 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 4183 (fc = 836.6MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
835.721443	-	-18.34	1000.0	V	285.0	0.0	-75.8
2799.809619	-	24.10	1000.0	H	260.0	0.0	-57.1
6911.833668	-	53.34	1000.0	H	254.0	0.0	-84.9

## 8.52a\_RSE\_R\_Ch4233\_RMC

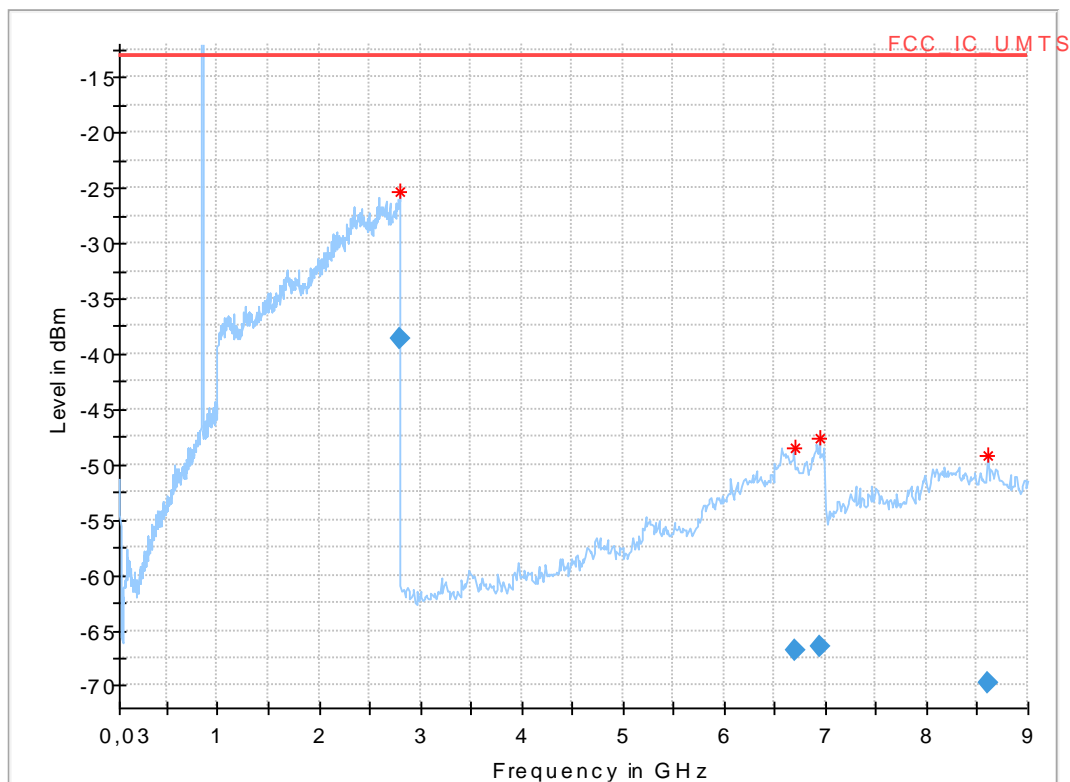
### Common Information

Test Description:	Radiated Spurious Emissions UMTS 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 4233 (fc = 846.6MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
847.204409	-	-17.45	1000.0	H	-59.0	0.0	-75.9
2797.284569	-	25.71	1000.0	H	50.0	0.0	-57.1
6692.735471	-	53.80	1000.0	H	29.0	0.0	-85.3
6940.911824	-	53.49	1000.0	V	243.0	0.0	-85.1
8603.917836	-	56.79	1000.0	V	261.0	0.0	-82.7

## 8.52b\_RSE\_R\_Ch4233\_RMC

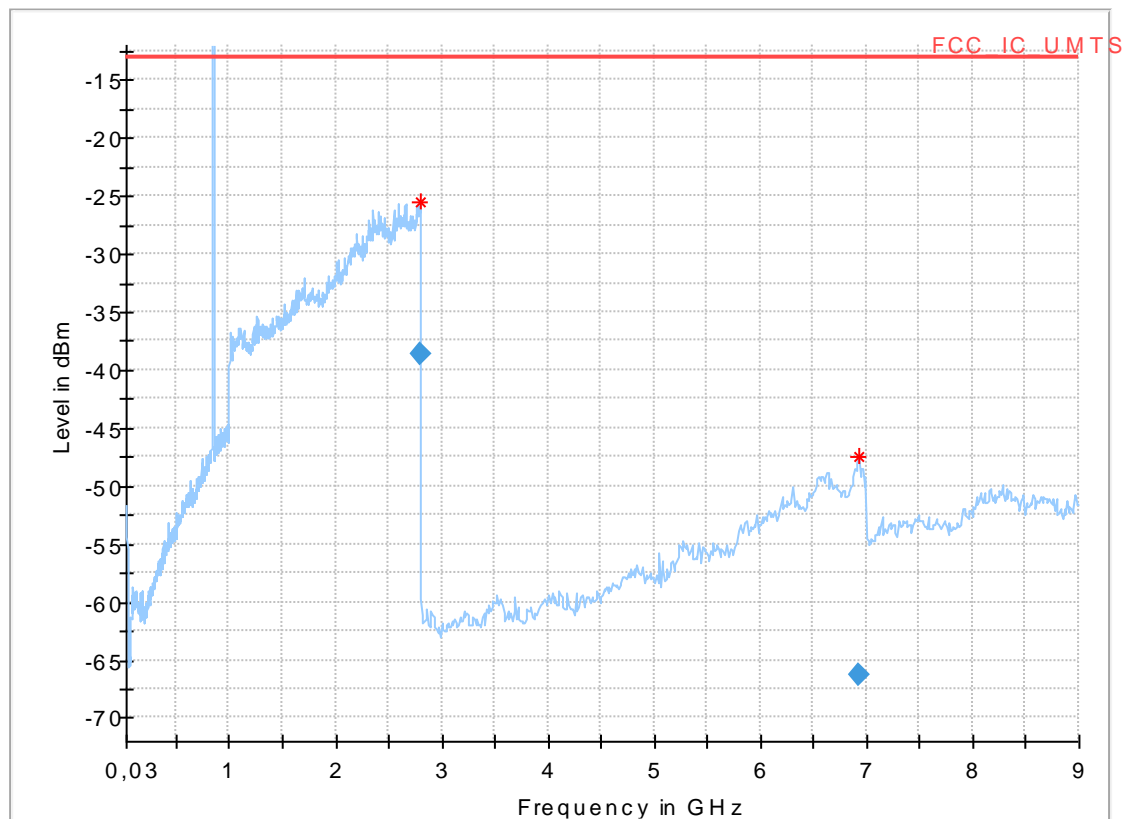
### Common Information

Test Description:	Radiated Spurious Emissions UMTS 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 4233 (fc = 846.6MHz)
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
845.721443	-	-17.57	1000.0	V	285.0	0.0	-75.9
2798.547094	-	25.70	1000.0	V	272.0	0.0	-57.1
6924.759519	-	53.38	1000.0	V	-45.0	0.0	-85.0

### 3.5. Radiated emissions on FDD Band II band-edge

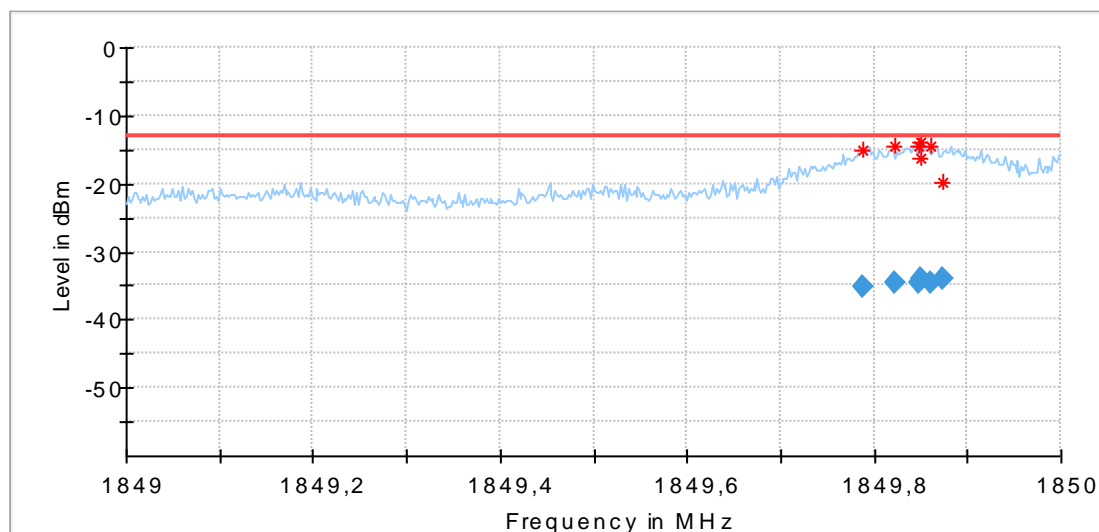
## Diagram No.: 9.20\_BE\_R\_Ch9262\_RMC

#### Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	Klv
Comment:	Channel no. 9262
Comment2:	EUT - standing position

#### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-



#### Final Result

Frequency (MHz)	Average (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1849.787575	-35.16	-13.00	22.16	10000.0	5.000	V	327.0	0.0	-63.1
1849.821643	-34.60	-13.00	21.60	10000.0	5.000	V	326.0	0.0	-63.1
1849.847695	-34.60	-13.00	21.60	10000.0	5.000	V	324.0	0.0	-63.1
1849.849699	-34.07	-13.00	21.07	10000.0	5.000	V	332.0	0.0	-63.1
1849.861723	-34.60	-13.00	21.60	10000.0	5.000	V	323.0	0.0	-63.1
1849.873747	-34.07	-13.00	21.07	10000.0	5.000	V	332.0	0.0	-63.1



## 9.20b\_BE\_R\_Ch9262\_RMC

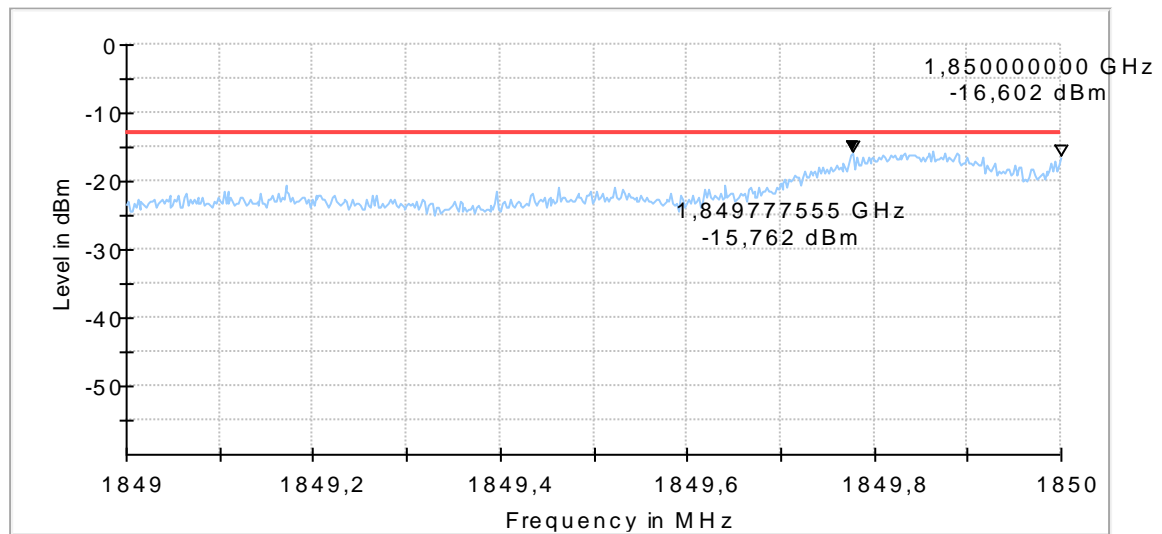
### Common Information

Test Description:	Radiated Band Edge Compliance UMTS II
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	MS allocated channel 9262 (fc = 1852,4MHz), RMC Mode, PCL3 (+24dBm)
Exclusionband:	--
Environmental Conditions:	Humidity: 35%rH; Temperature: 22°C
Operator:	SRa

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Kathrein Cellular/GNSS antenna, Kathrein Cellular antenna, microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



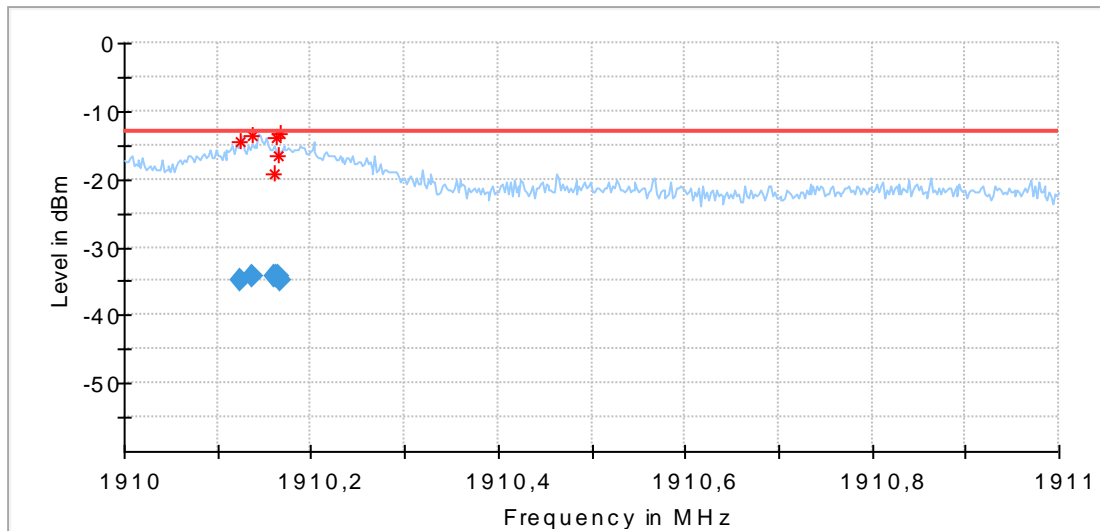
## Diagram No.: 9.21\_BE\_R\_Ch9538\_RMC

### Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	Klv
Comment:	Channel no. 9538
Comment2:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256),Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-



### Final Result

Frequency (MHz)	Average (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
1910.124248	-34.89	-13.00	21.89	10000.0	5.000	V	332.0	0.0	-62.8
1910.136273	-34.33	-13.00	21.33	10000.0	5.000	V	335.0	0.0	-62.8
1910.160321	-34.33	-13.00	21.33	10000.0	5.000	V	336.0	0.0	-62.8
1910.162325	-34.33	-13.00	21.33	10000.0	5.000	V	334.0	0.0	-62.8
1910.164329	-34.33	-13.00	21.33	10000.0	5.000	V	334.0	0.0	-62.8
1910.166333	-34.89	-13.00	21.89	10000.0	5.000	V	332.0	0.0	-62.8

## 9.21b\_BE\_R\_Ch9538\_RMC\_High

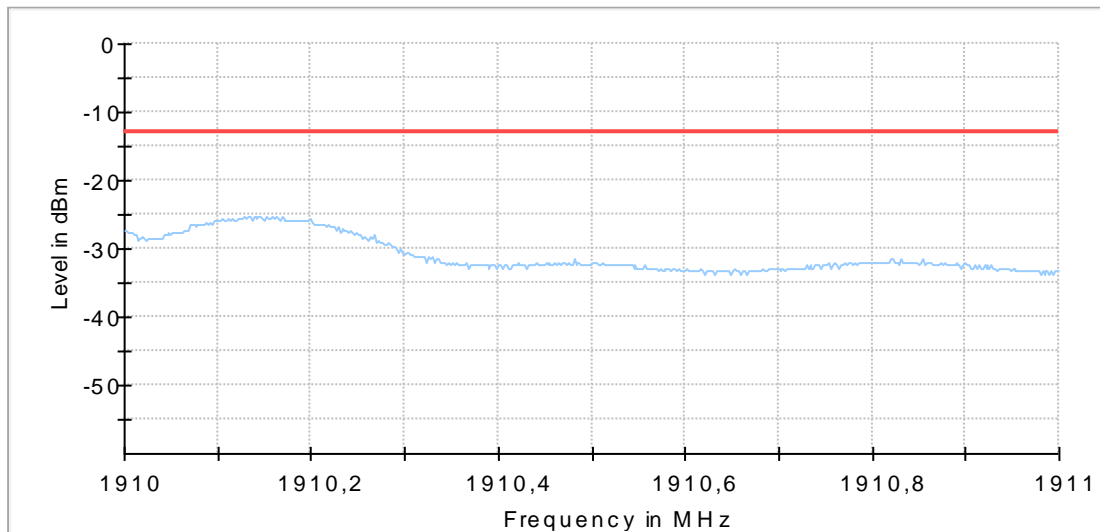
### Common Information

Test Description:	Band-Edge: Radiated Field Strength Emissions Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	Klv
Comment:	Channel no. 9538
Comment2:	EUT - laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### 3.6. Radiated emissions on FDD Band V band-edge

## 9.50a\_BE\_R\_Ch4132\_RMC

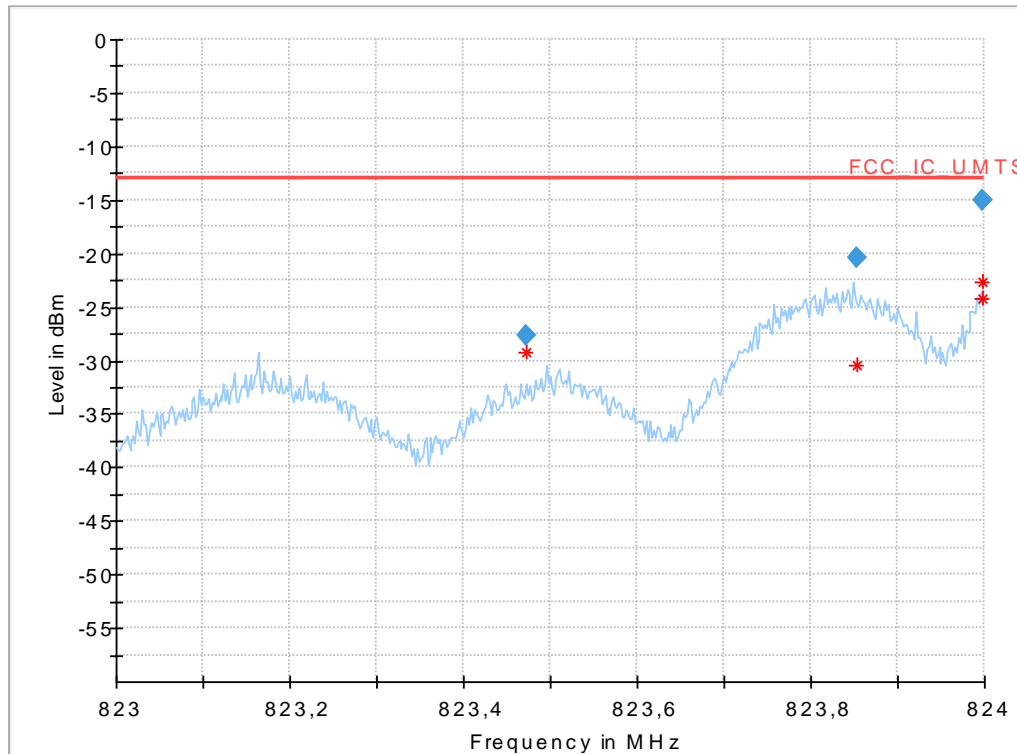
#### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS 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 4132
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

#### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



#### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Corr. (dB)
823.472619	-	14.74	500.0	H	3.0	-75.8
823.853418	-	7.33	500.0	H	-5.0	-75.8
823.998584	-	2.04	500.0	H	-5.0	-75.8
823.998697	-	1.97	500.0	H	-6.0	-75.8

## 9.50b\_BE\_R\_Ch4132\_RMC

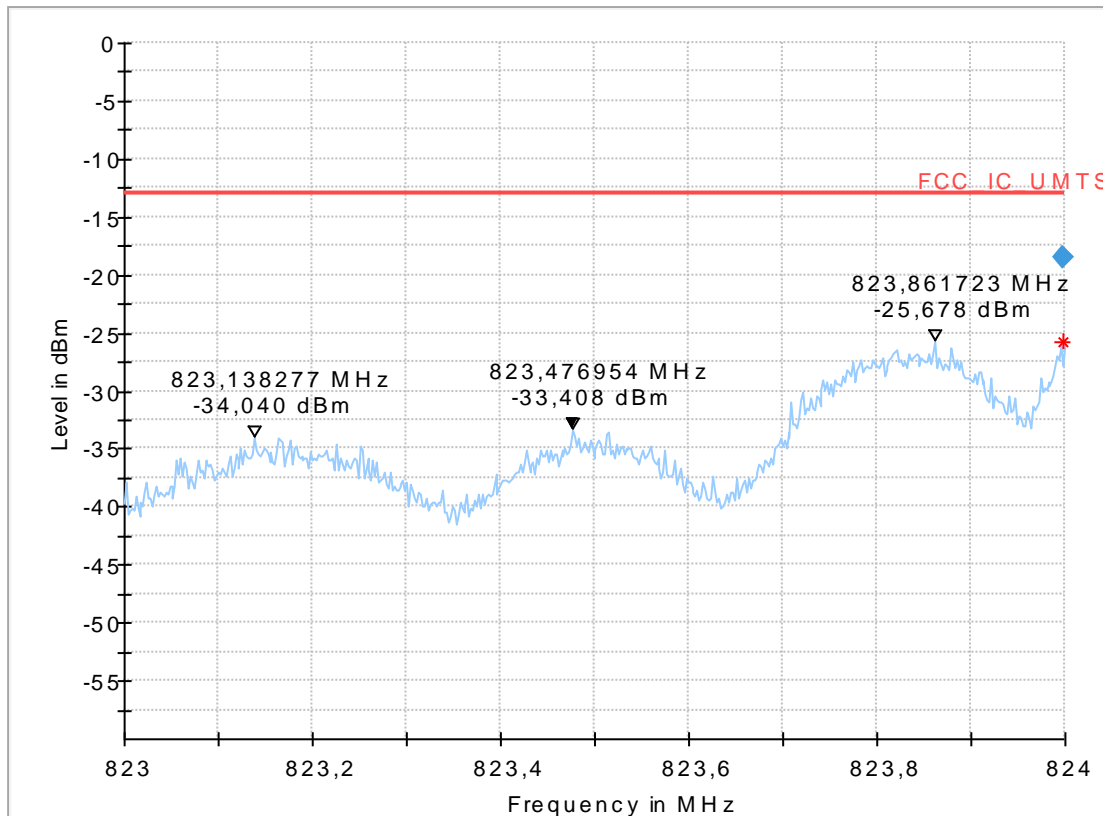
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS 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 4132
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - laying position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



### Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Pol	Azimuth (deg)	Corr. (dB)
823.998721	-	5.45	500.0	H	150.0	-75.8

## 9.51a\_BE\_R\_Ch4233\_RMC

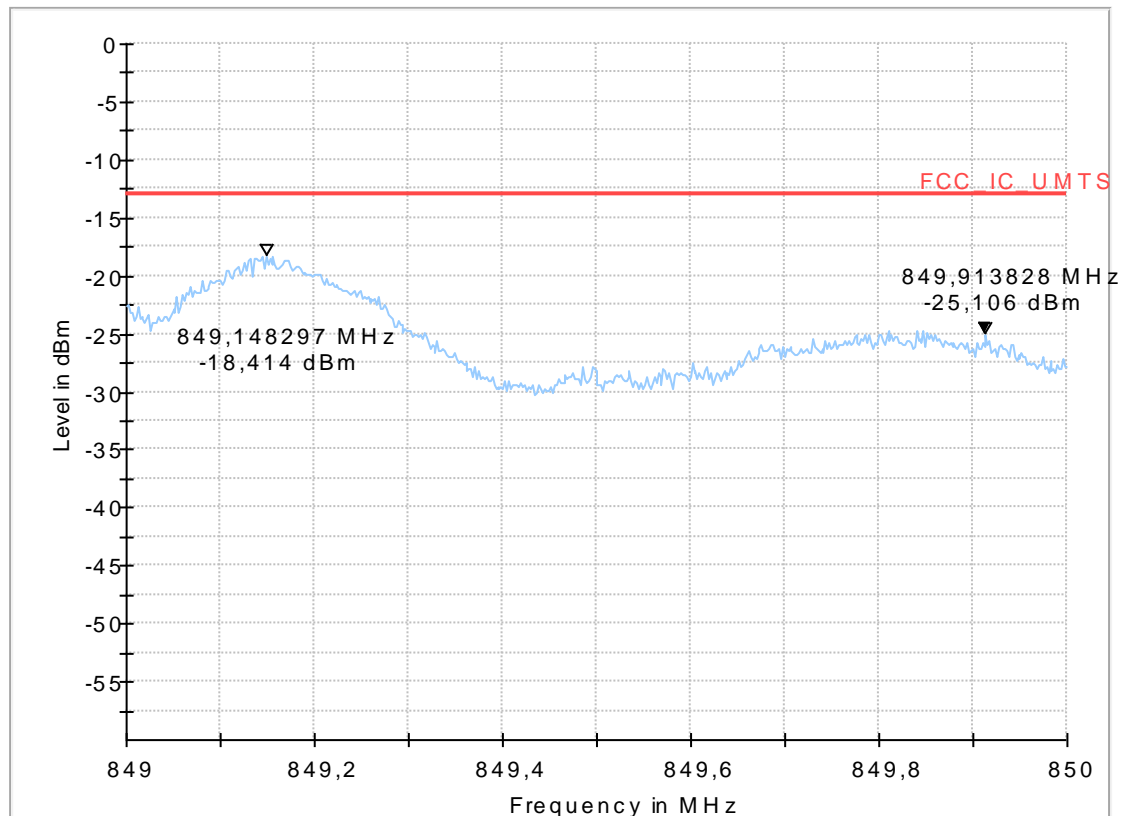
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS 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 4233
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - standing position

### EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



## 9.51b\_BE\_R\_Ch4233\_RMC

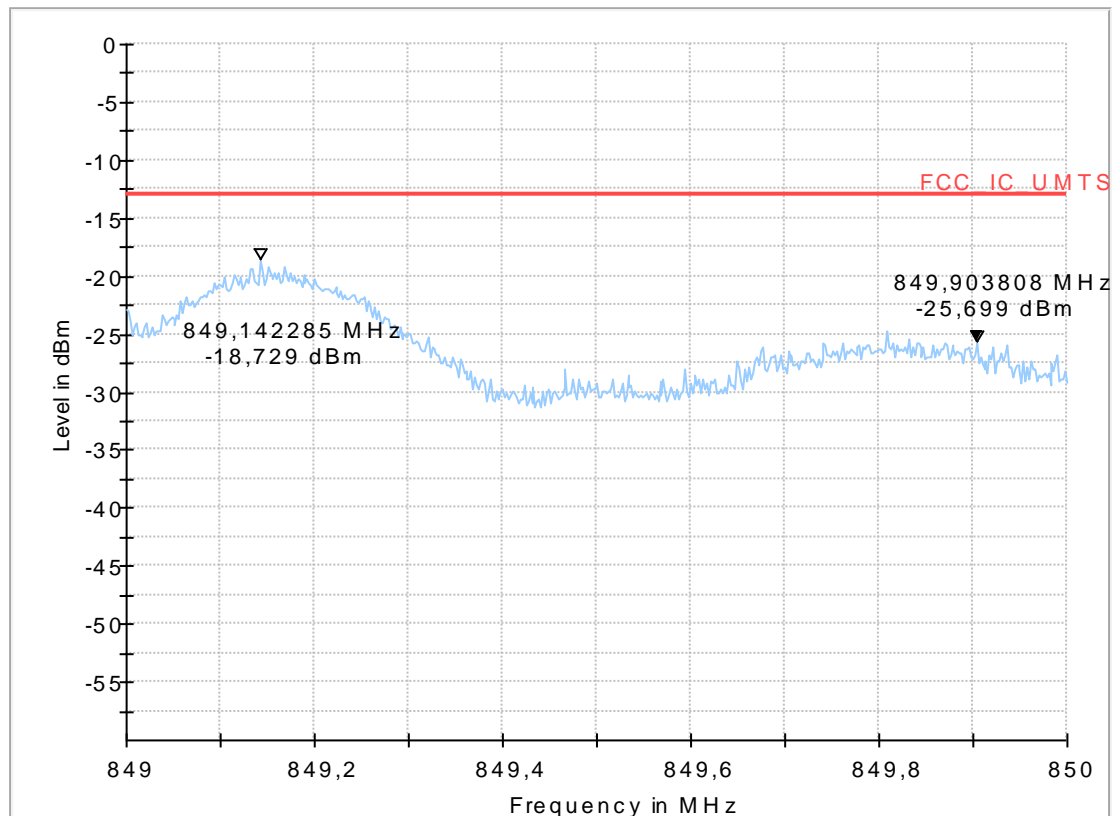
### Common Information

Test Description:	Band-Edge low - Radiated Spurious Emissions UMTS 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 4233
Environmental Conditions:	Humidity: 46%rH; Temperature: 20°C
Operator:	Klv
Comment:	EUT - laying position

### EUT Information

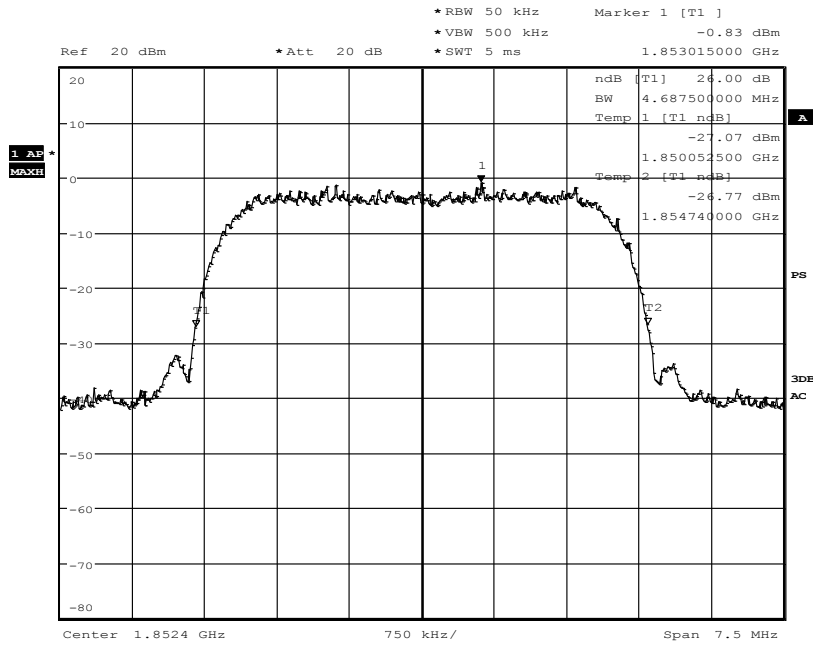
Manufacturer:	peiker acoustic GmbH & Co. KG
EUT:	V1233-0
-----	
HW version:	V1233-0_Ver.1
SW version:	MPSS.TH.2.0.2-00220
Serial number:	004402580050122
Connected Interfaces:	Multiband antenna LTE + GNSS (9396828-02, S/N: 50110256), Multiband antenna LTE (9396827-02, S/N 50110255) microphone, loudspeaker, cables
Power Supply:	12VDC
Comments:	-

Full Spectrum



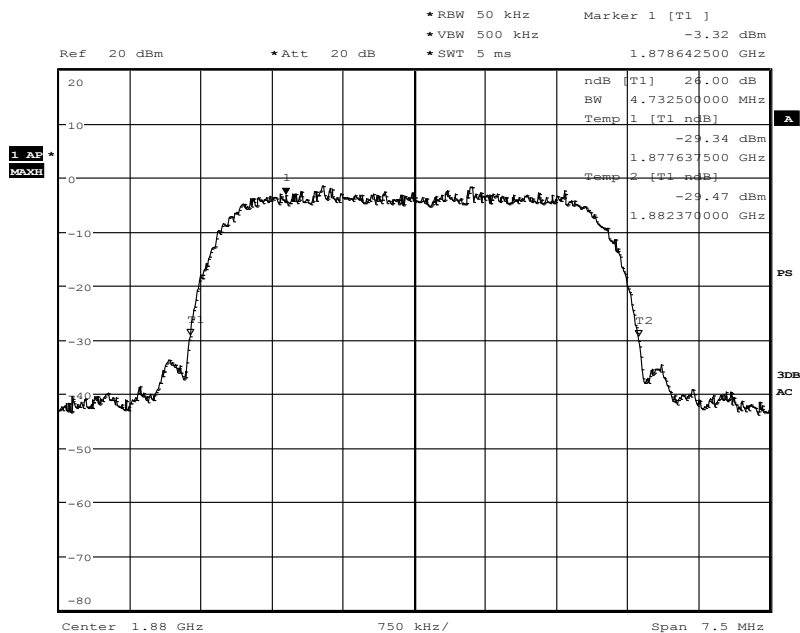
### 3.7. 26dBc Emission bandwidth

#### 3.7.1. FDD II TX Mode



Date: 19.MAY.2017 13:51:10

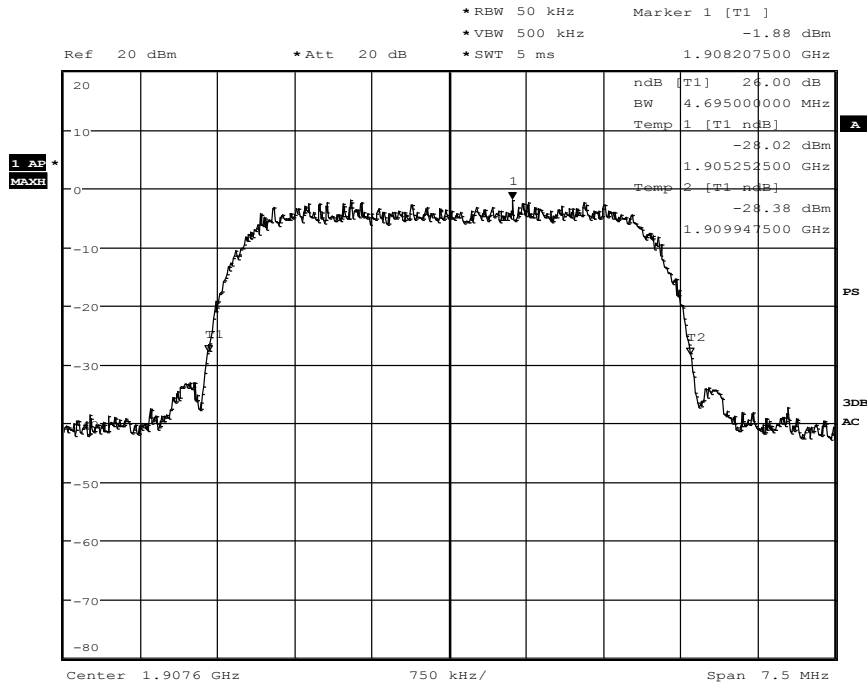
Diagram 4: Channel 9262



Date: 19.MAY.2017 13:52:57

Diagram 5: Channel 9400

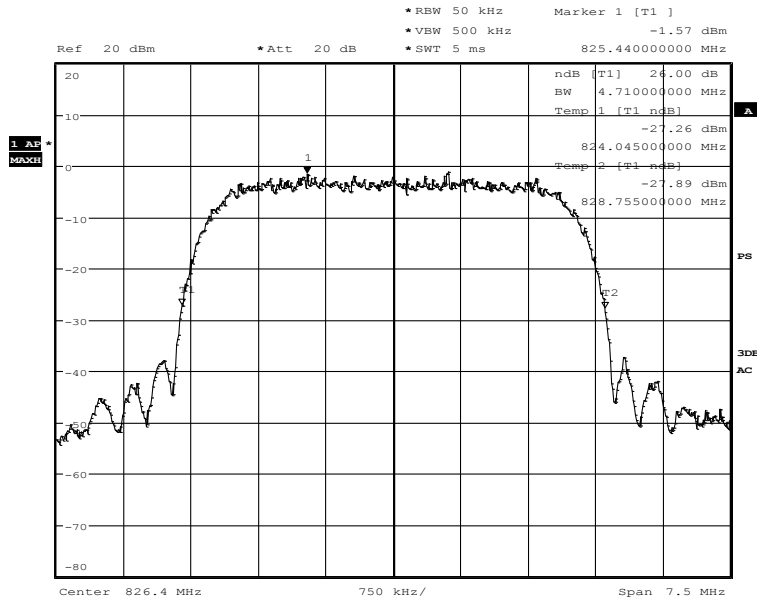




Date: 19.MAY.2017 13:55:01

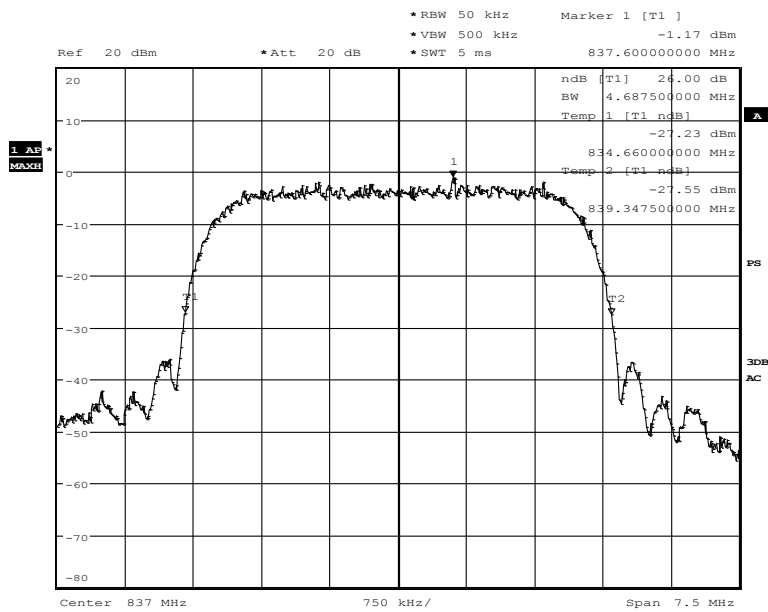
**Diagram 6: Channel 9538**

### 3.7.2. FDD V TX Mode



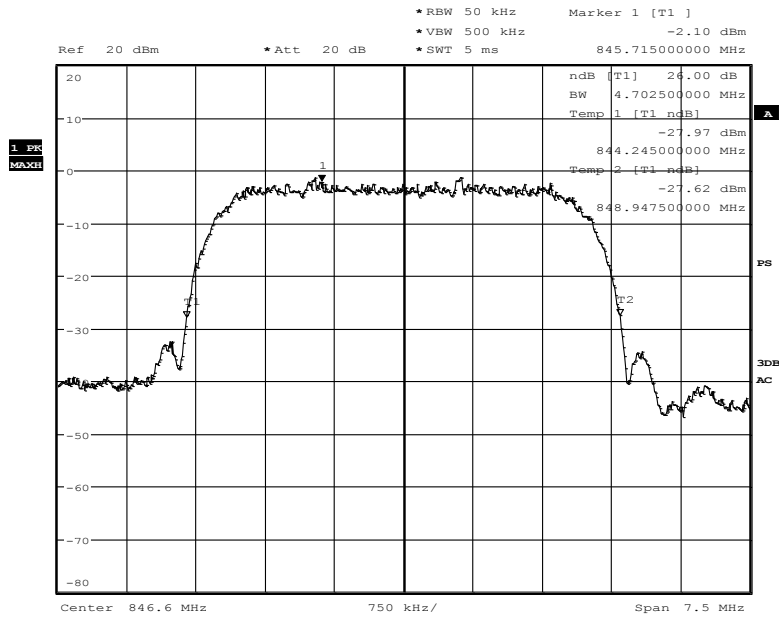
Date: 19.MAY.2017 13:49:38

**Diagram 4: Channel 4132**



Date: 19.MAY.2017 13:48:22

**Diagram 5: Channel 4185**

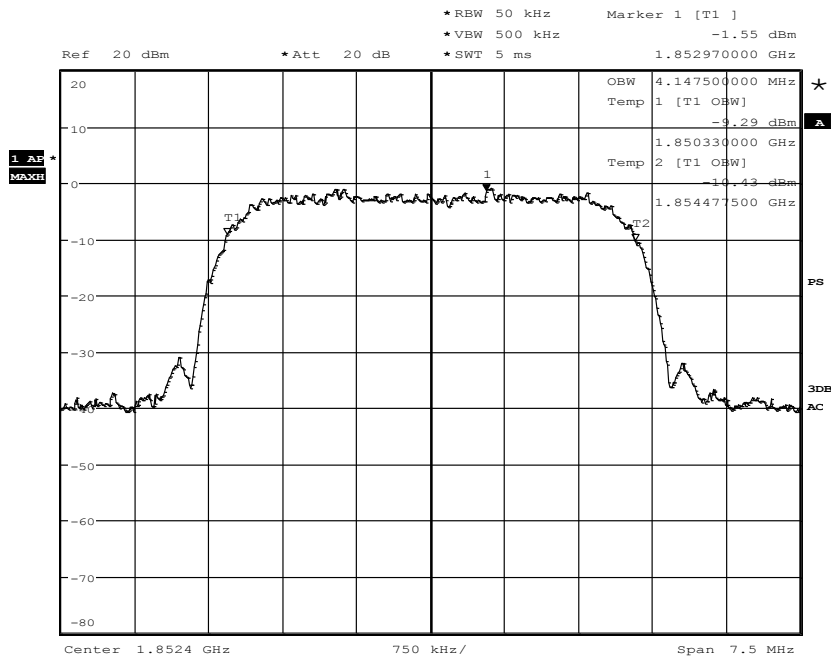


Date: 19.MAY.2017 13:42:27

**Diagram 6: Channel 4233**

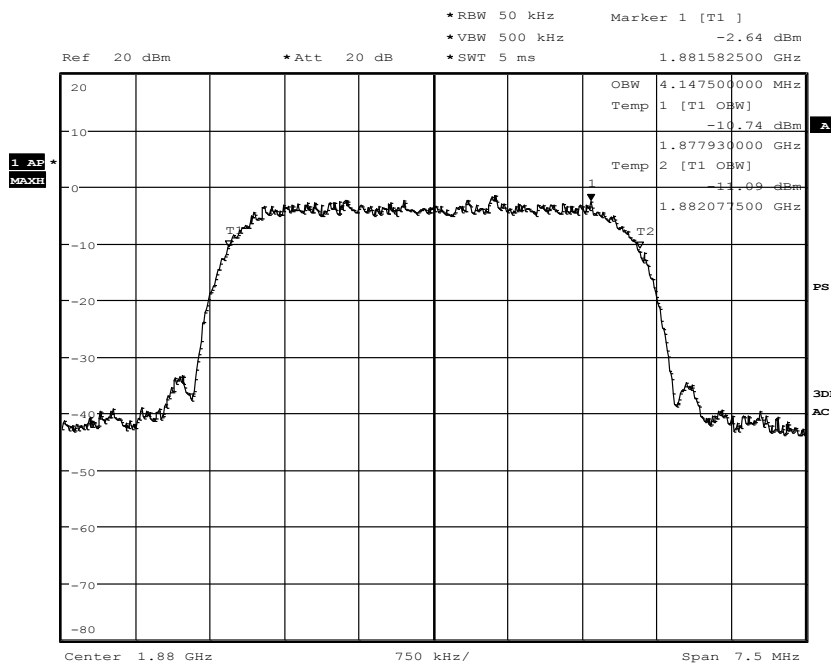
### 3.8. 99% Occupied bandwidth

#### 3.8.1. FDD II TX Mode



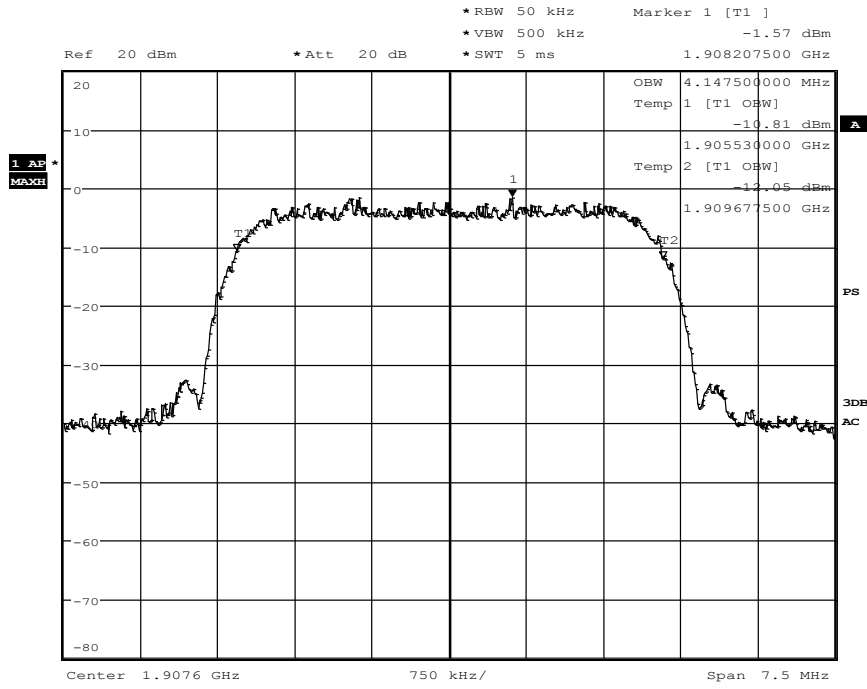
Date: 19.MAY.2017 14:12:34

**Diagram 7: Channel 9262**



Date: 19.MAY.2017 14:16:05

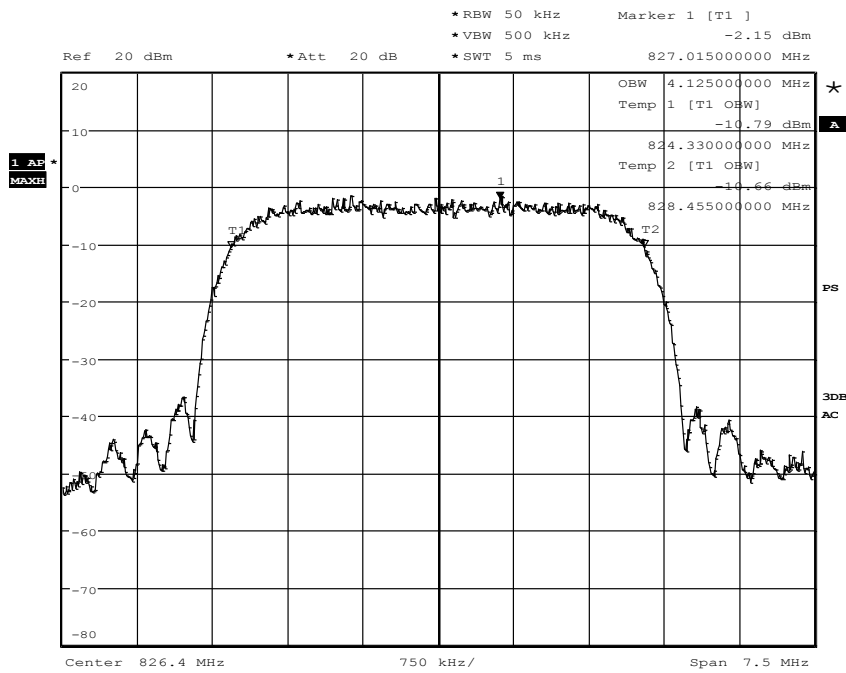
**Diagram 8: Channel 9400**



Date: 19.MAY.2017 14:18:21

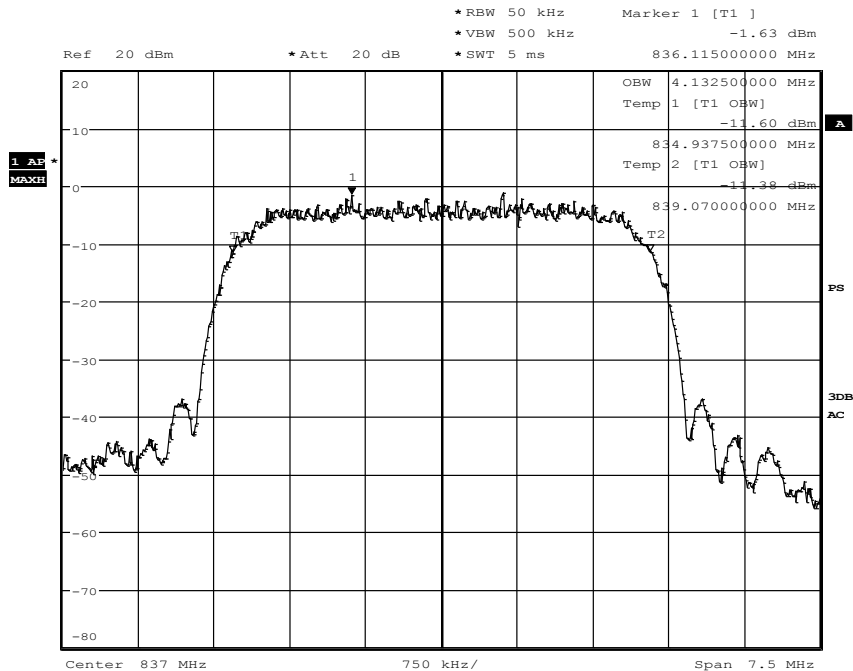
**Diagram 9: Channel 9538**

3.8.2. FDD V TX Mode



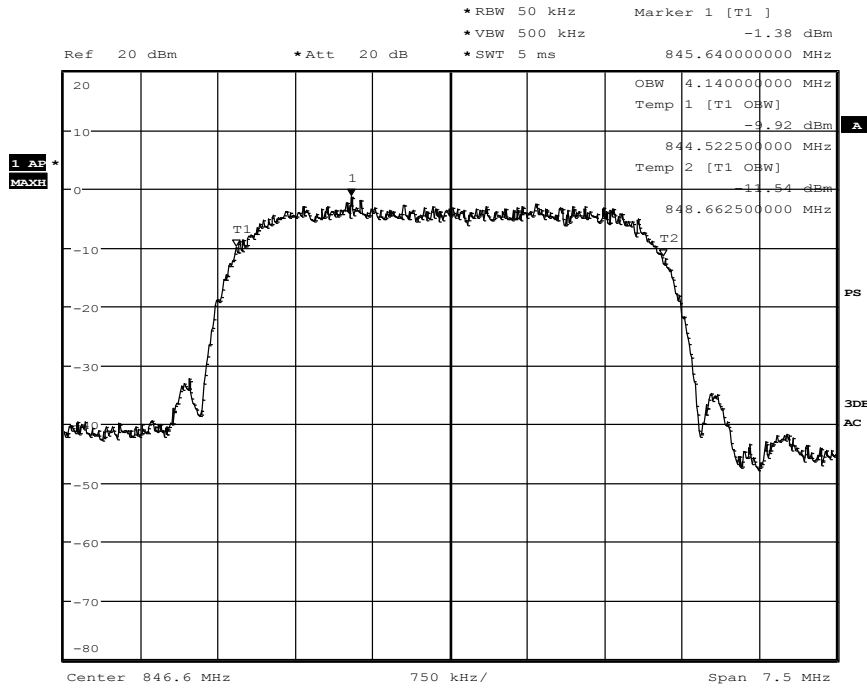
Date: 19.MAY.2017 14:21:10

Diagram 10: Channel 4132



Date: 19.MAY.2017 14:22:41

Diagram 11: Channel 4185



Date: 19.MAY.2017 14:23:46

**Diagram 12: Channel 4233**

### 3.9. Spurious emissions conducted on FDD Band II

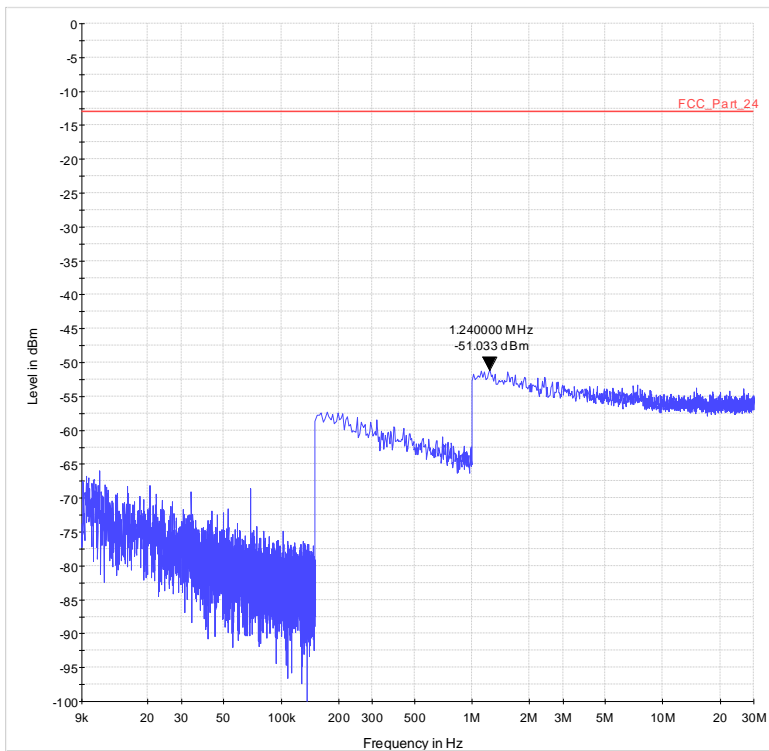


Diagram 36.60: Channel 9262 - Sweep 1

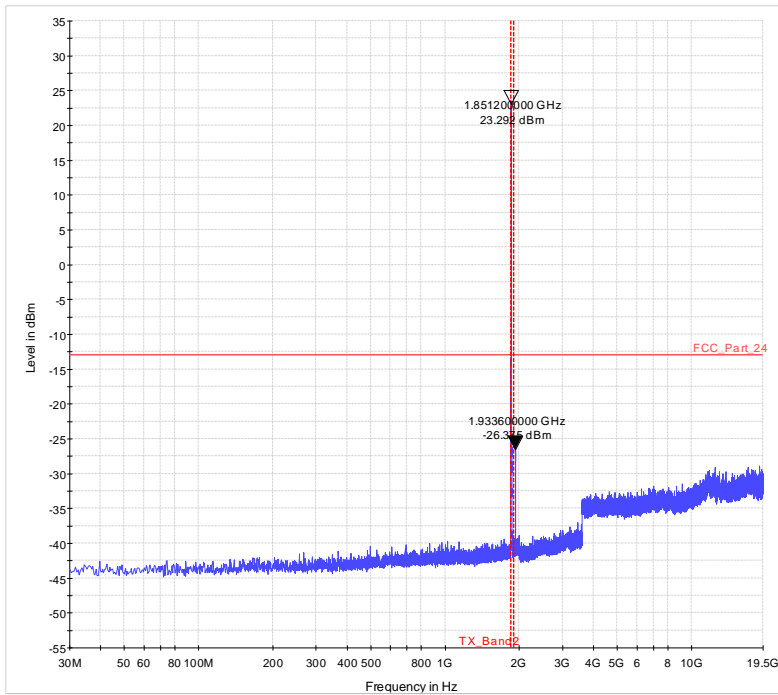


Diagram 36.61: Channel 9262 - Sweep 2



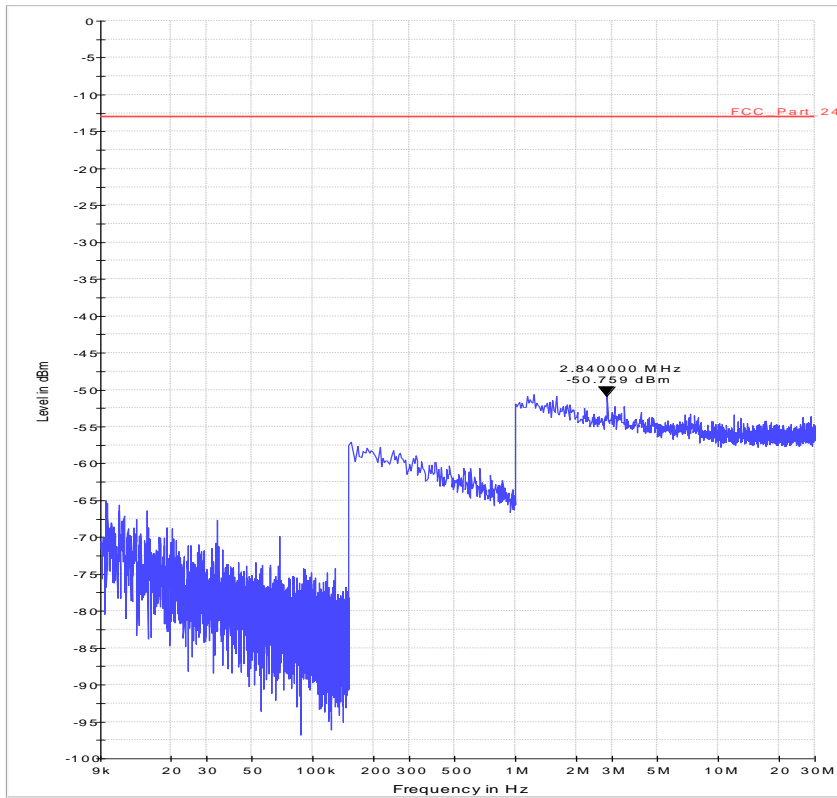


Diagram 36.62: Channel 9400 – Sweep 1

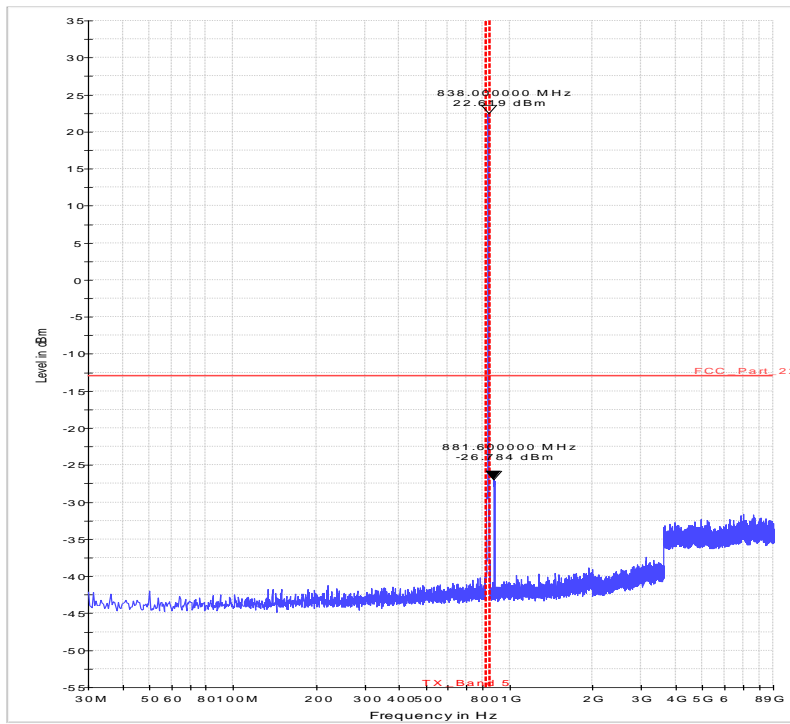


Diagram 36.63: Channel 9400 – Sweep 2

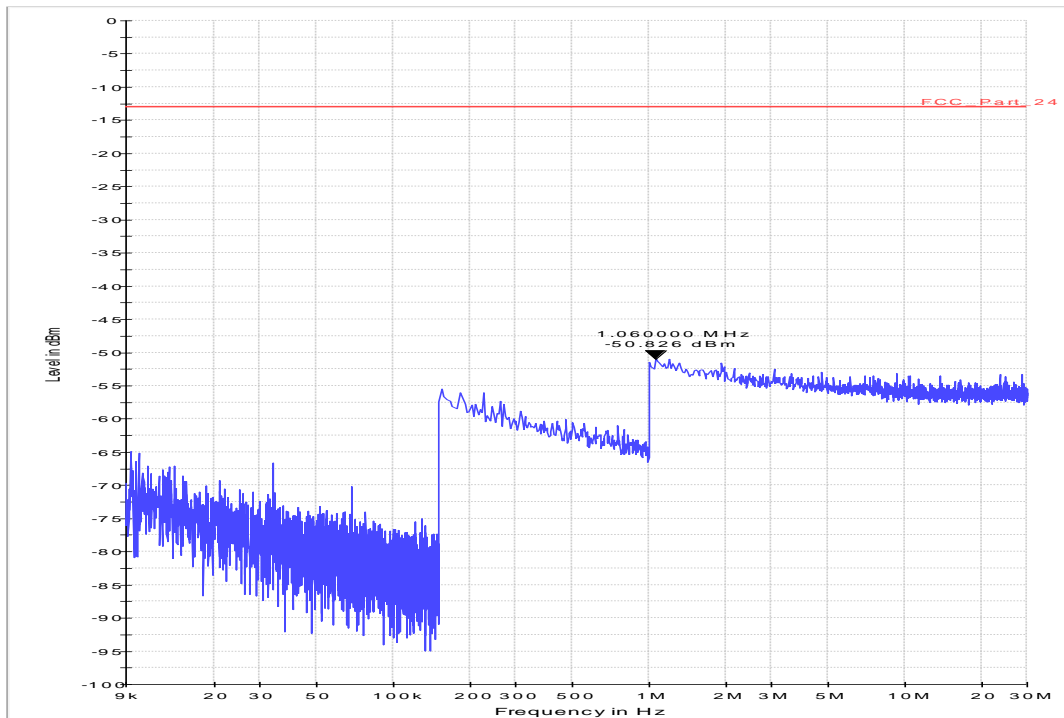


Diagram 36.64: Channel 9538 - Sweep 1

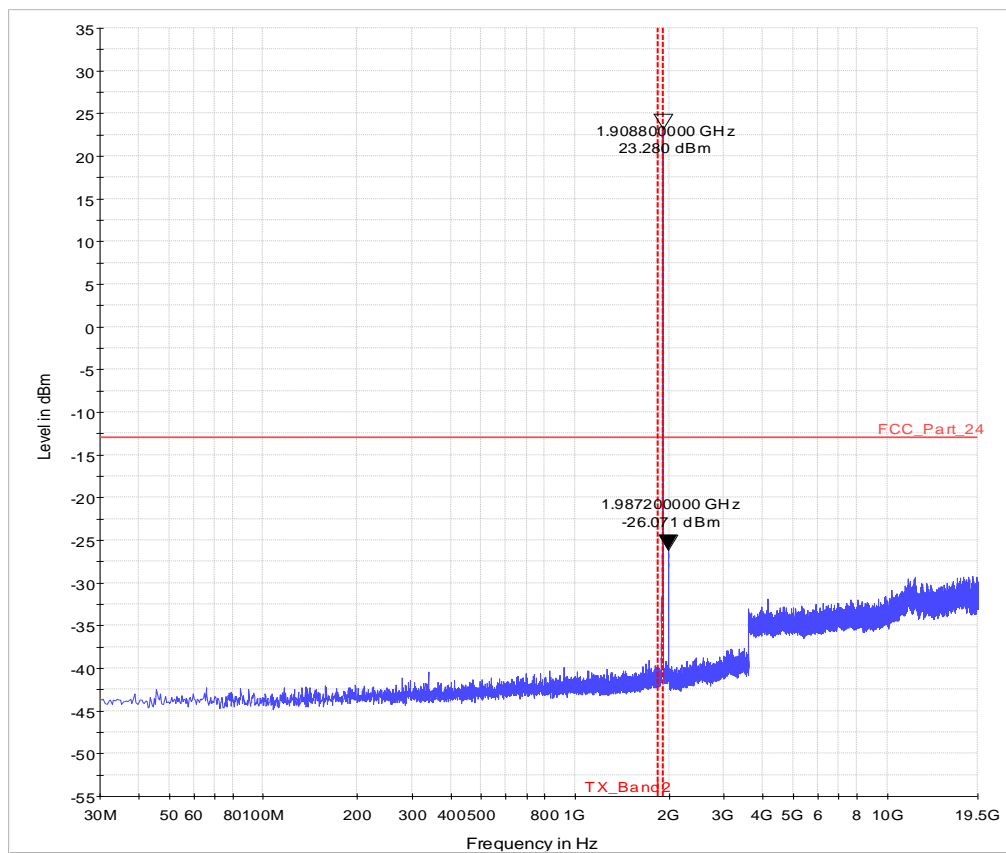


Diagram 36.65: Channel 9538 - Sweep 2

### 3.10. Spurious emissions conducted on FDD Band V

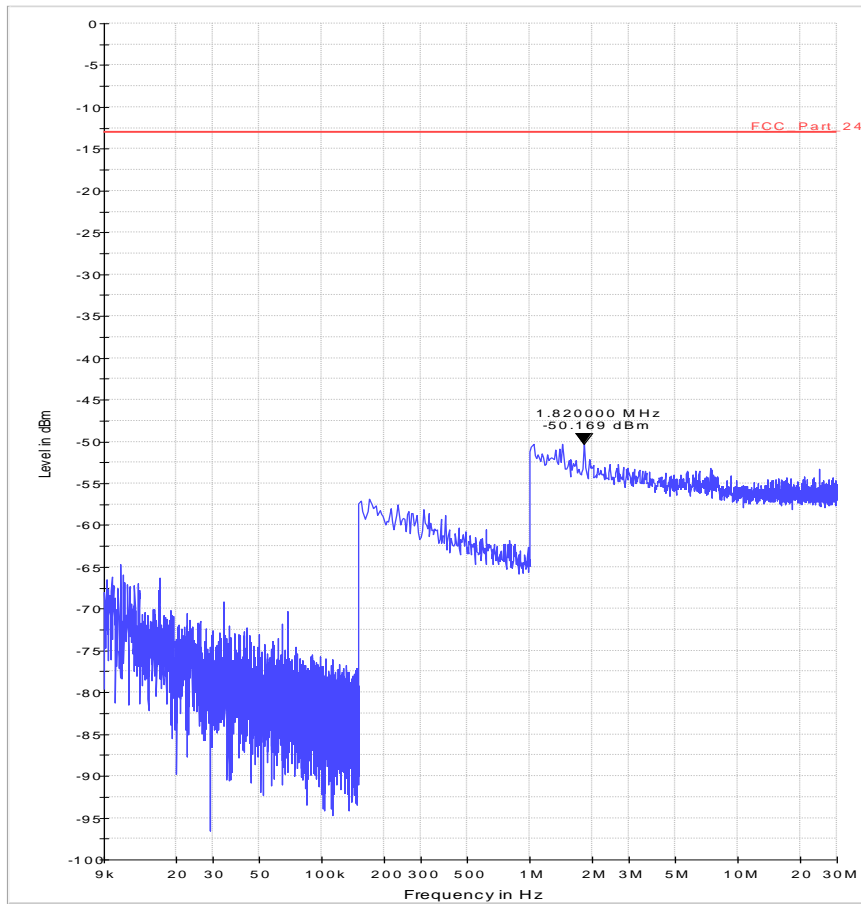


Diagram 36.40: Channel 4132 – Sweep 1

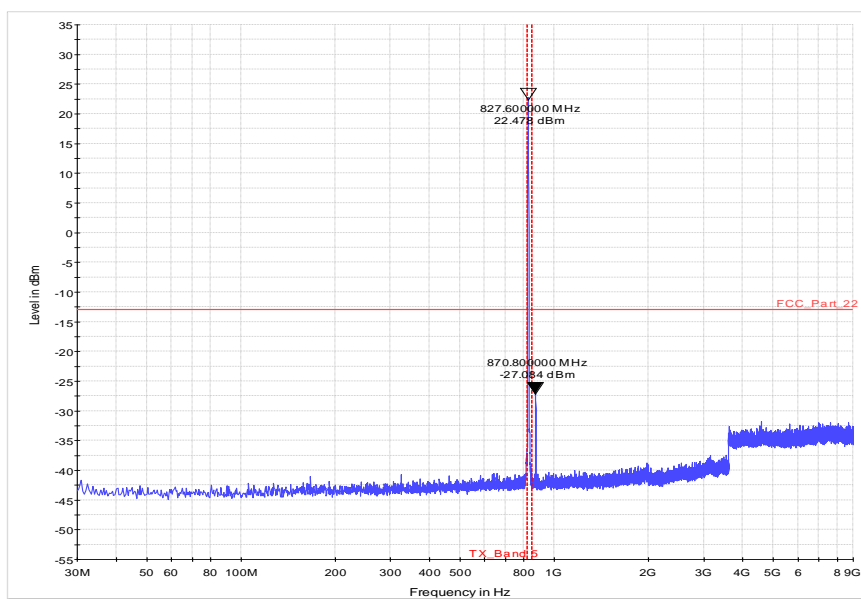


Diagram 36.41: Channel 4132 – Sweep 2

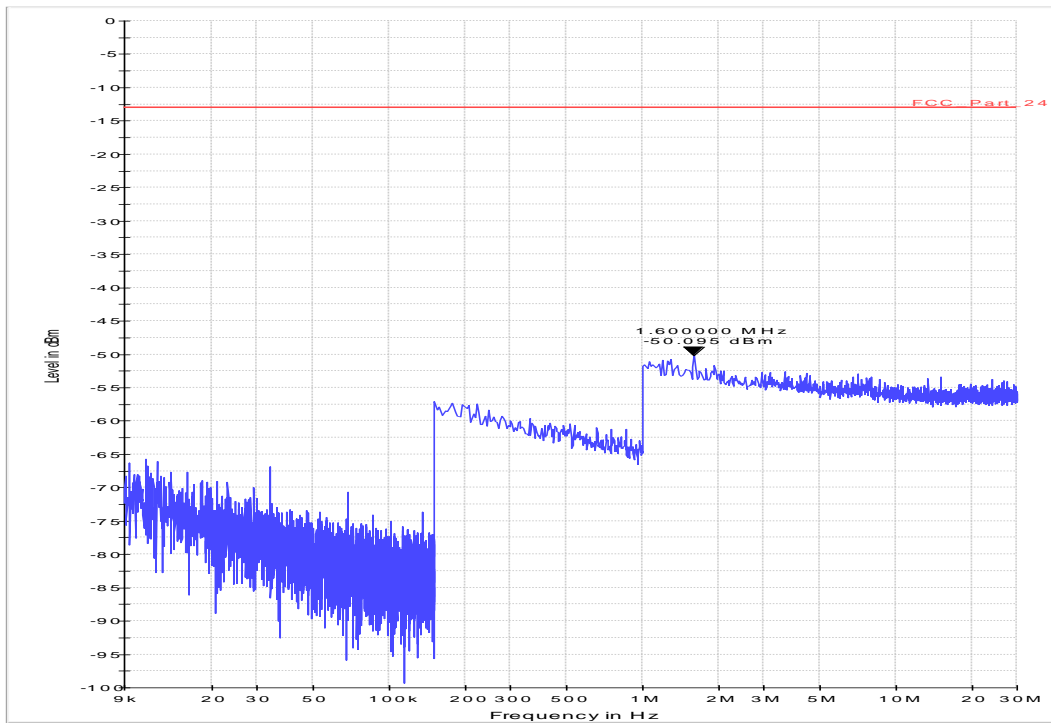


Diagram 36.42: Channel 4185 – Sweep 1

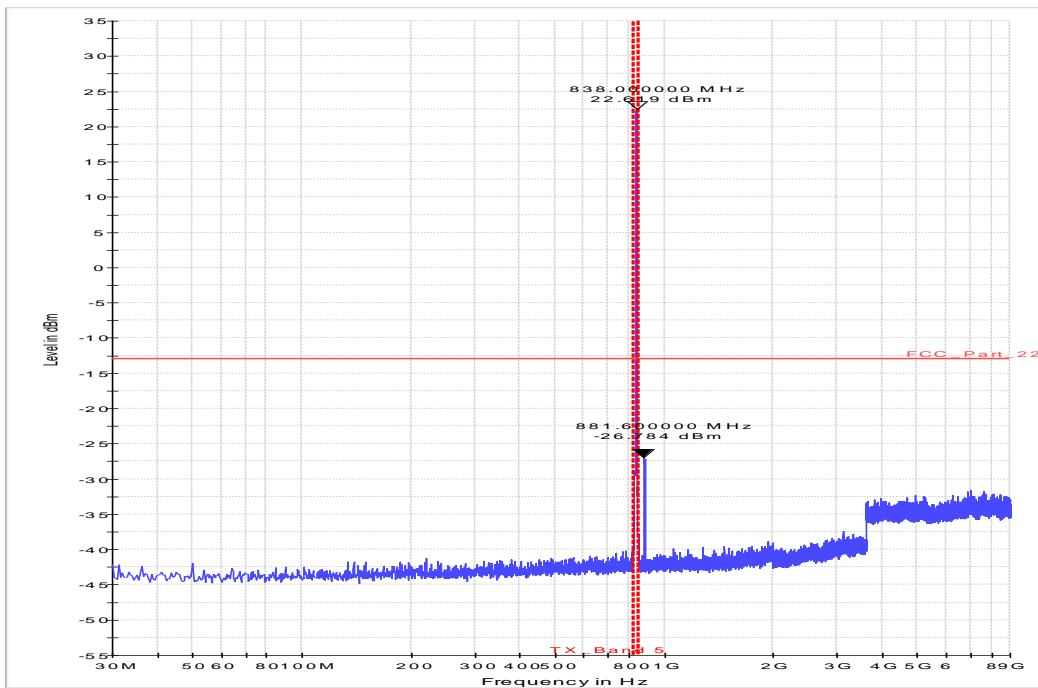


Diagram 36.43: Channel 4185 – Sweep2

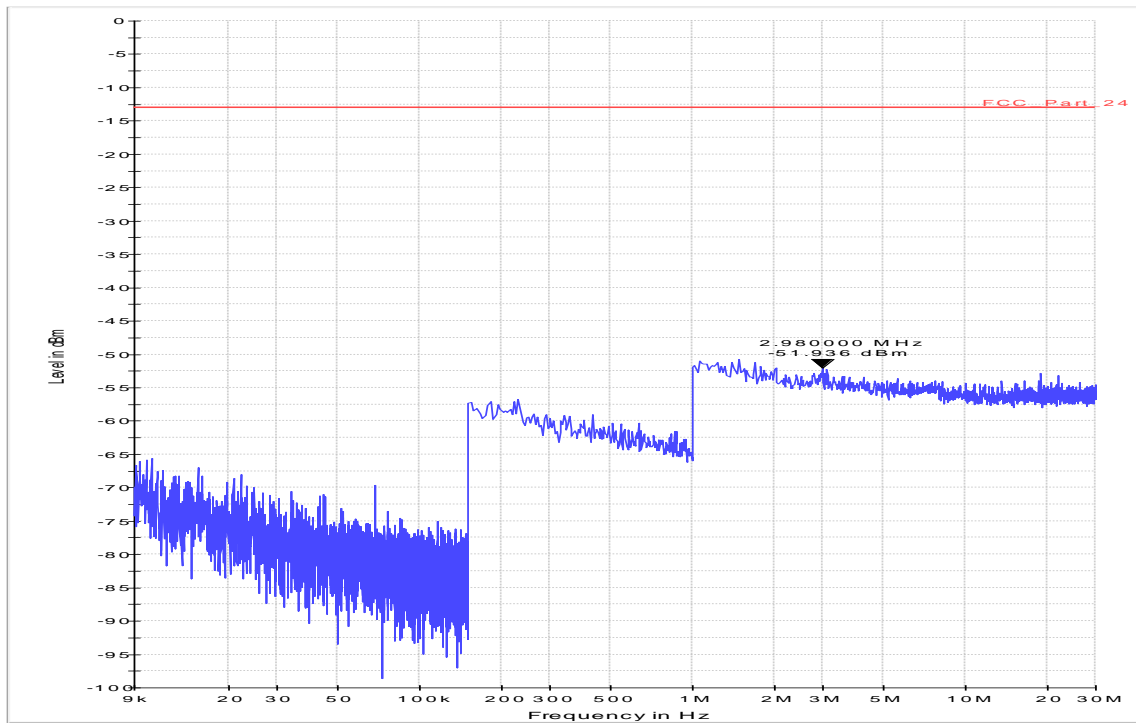


Diagram 36.44: Channel 4233 – Sweep 1

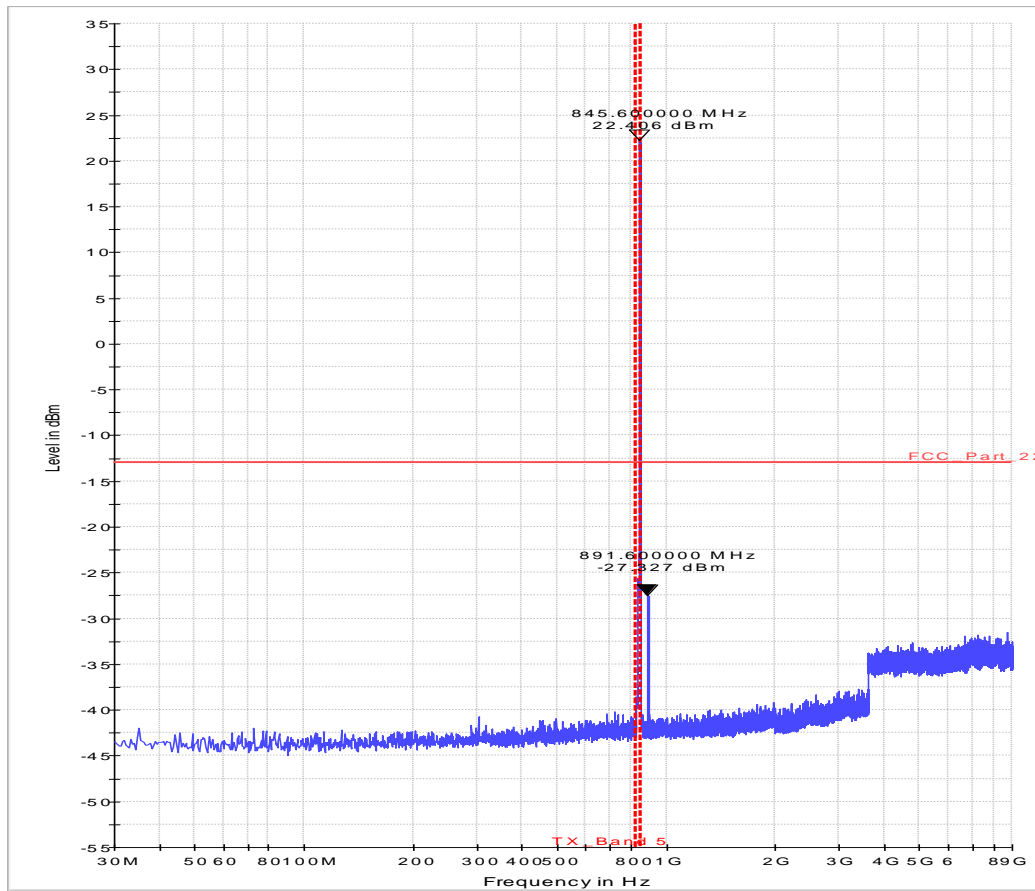


Diagram 36.45: Channel 4233 – Sweep2

### 3.11. Conducted emissions on FDD Band II band-edge

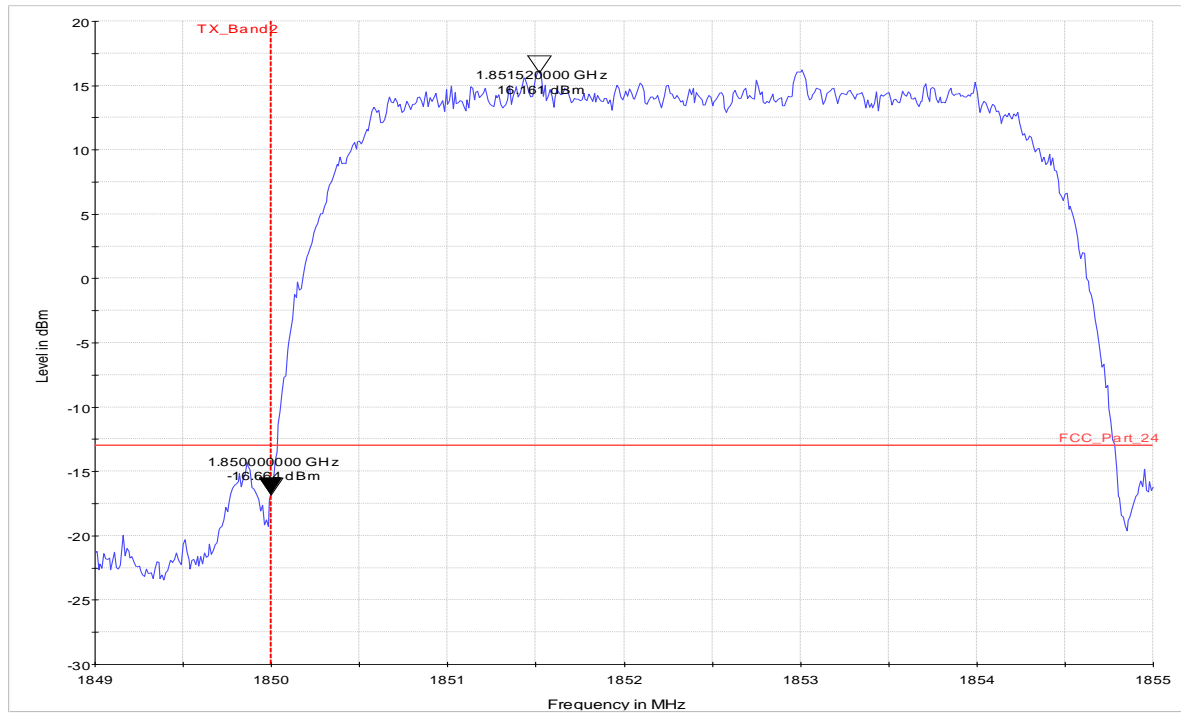


Diagram 37.60: Channel 9262

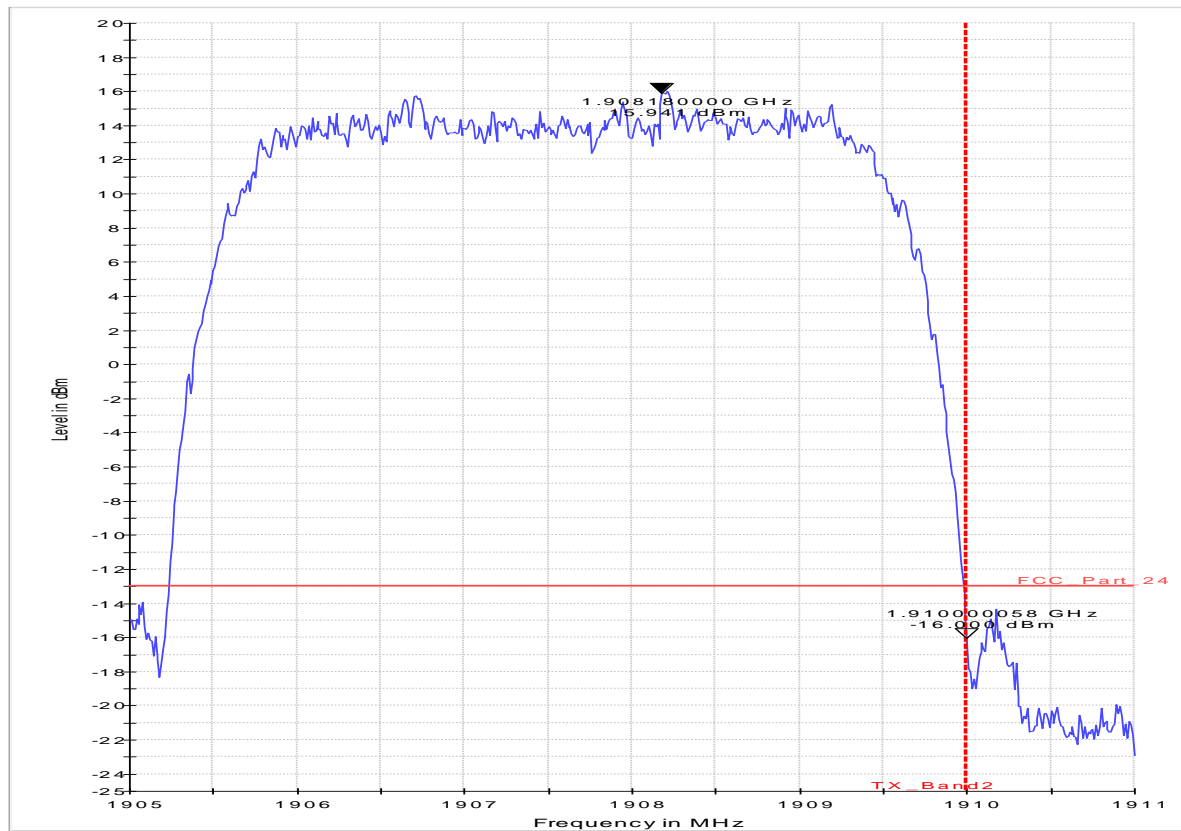


Diagram 37.61: Channel 9538

### 3.12. Conducted emissions on FDD Band V band-edge

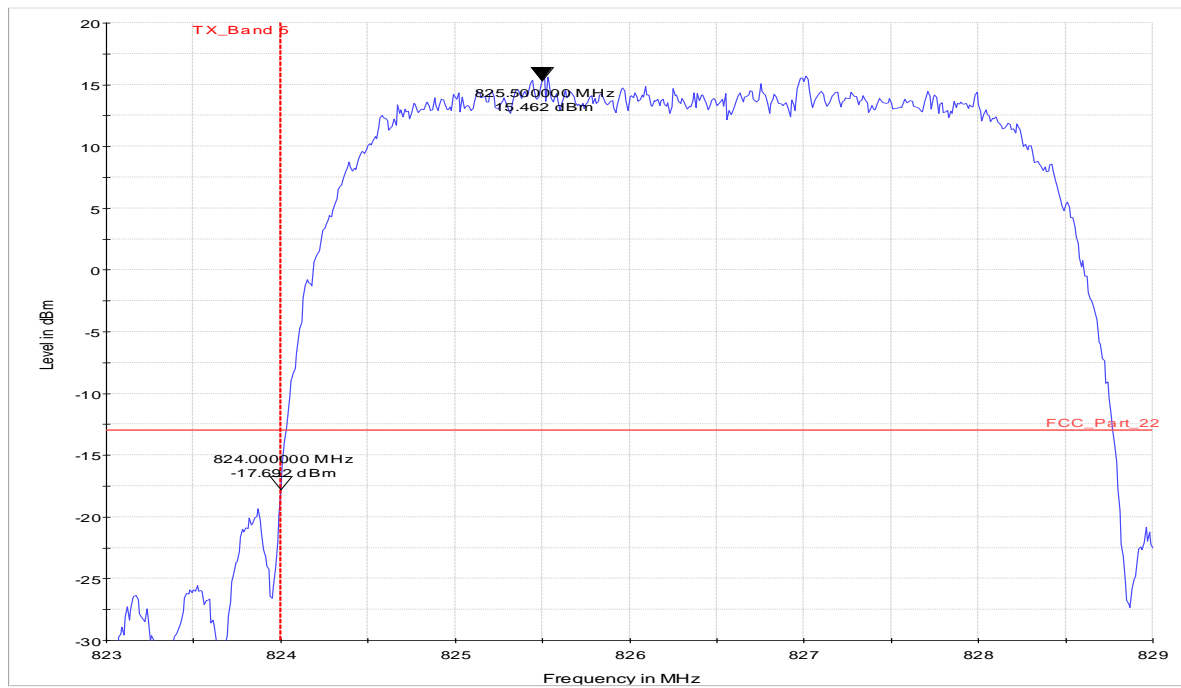


Diagram 37.40: Channel 4132

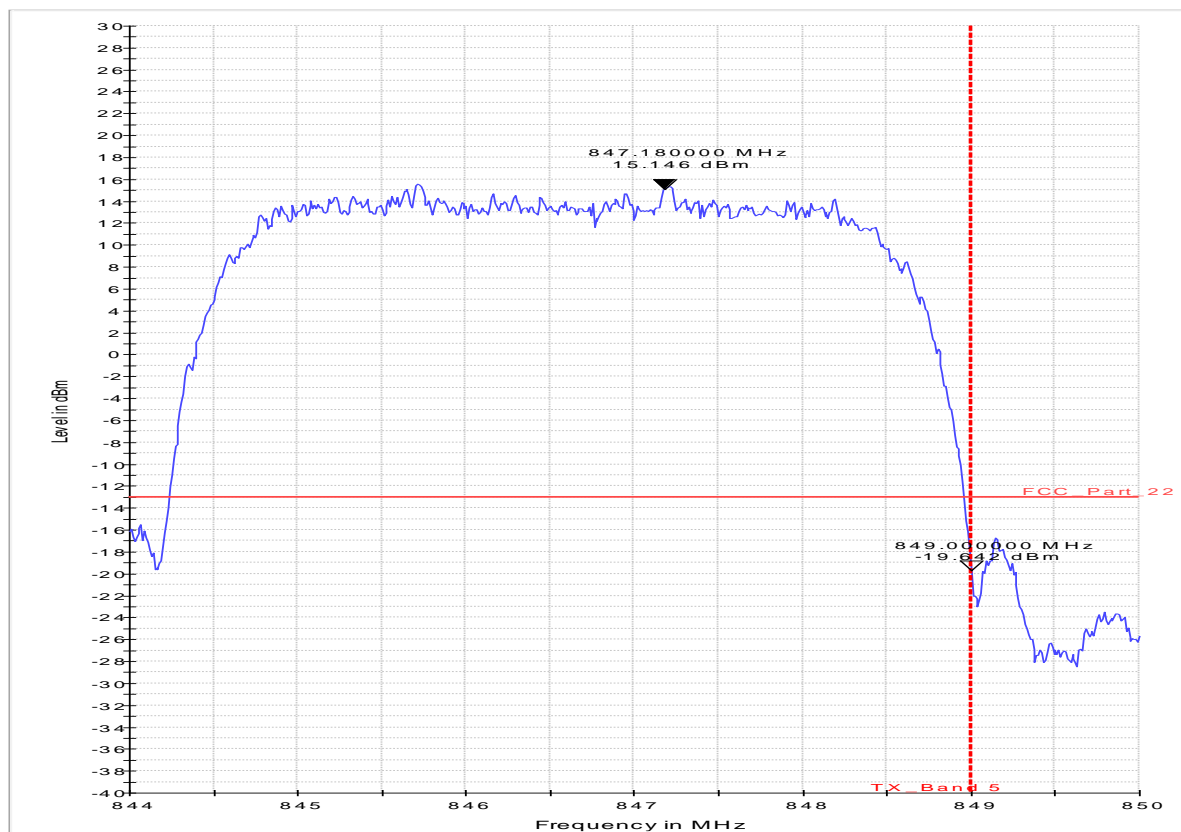


Diagram 37.41: Channel 4233