

Annex 1: Measurement diagrams  
to  
**TEST REPORT**  
No.: 6-0147-12-9-3b







According to:  
**FCC Regulations**  
CFR47: Part 22  
Part 24  
**IC Regulations**  
RSS Gen, Issue 3  
RSS-132, Issue 2  
RSS-133, Issue 5

for

Cinterion Wireless Modules GmbH

EHS5-US Module

FCC-ID: QIPEHS5-US  
IC: 7830A-EHS5US

Laboratory Accreditation and Listings			
 <b>Deutsche Akkreditierungsstelle</b> D-PL-12047-01-01	 <b>Federal Communications Commission</b> Reg. No.: 736496 MRA US-EU 0003	 <b>Industry Canada</b> Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 <b>Voluntary Controls for Electromagnetic Emissions</b> Reg. No.: R-2665, R-2666 C-2914, T-1967, G-301
 <b>WiFi</b> AUTHORIZED RF LABORATORY ALLIANCE	 <b>CTIA Authorized Test Lab</b> LAB CODE 20011130-00		
accredited according to DIN EN ISO/IEC 17025			
<p><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>			

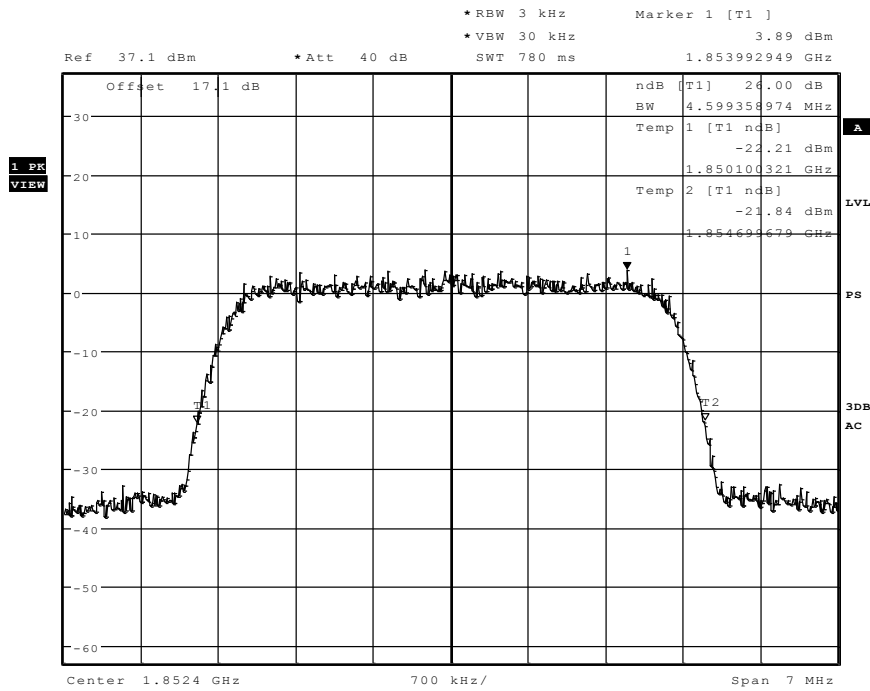
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### 1. Measurement diagrams

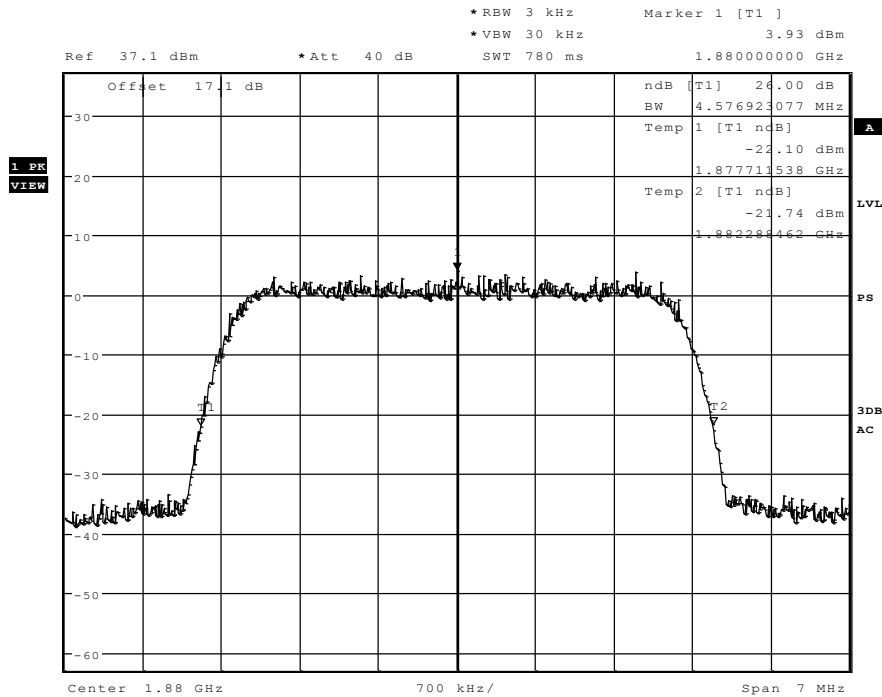
#### 1.1. Emission bandwidth (26dBc Bandwidth)

##### 1.1.1. FDD II (RMC99 mode)



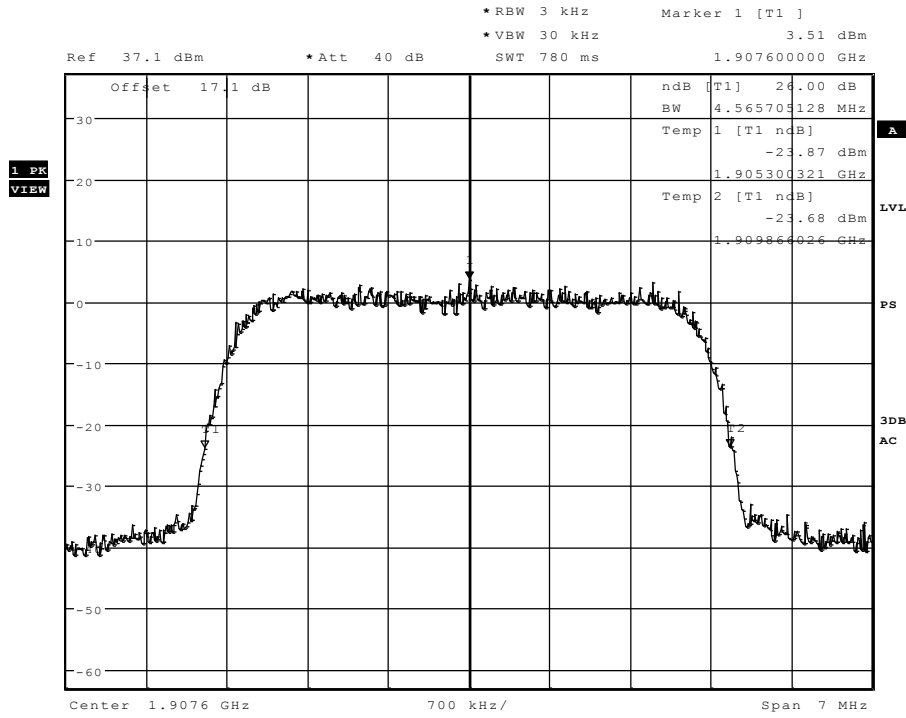
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#### Channel 9262



Date: 21.SEP.2012 12:05:34

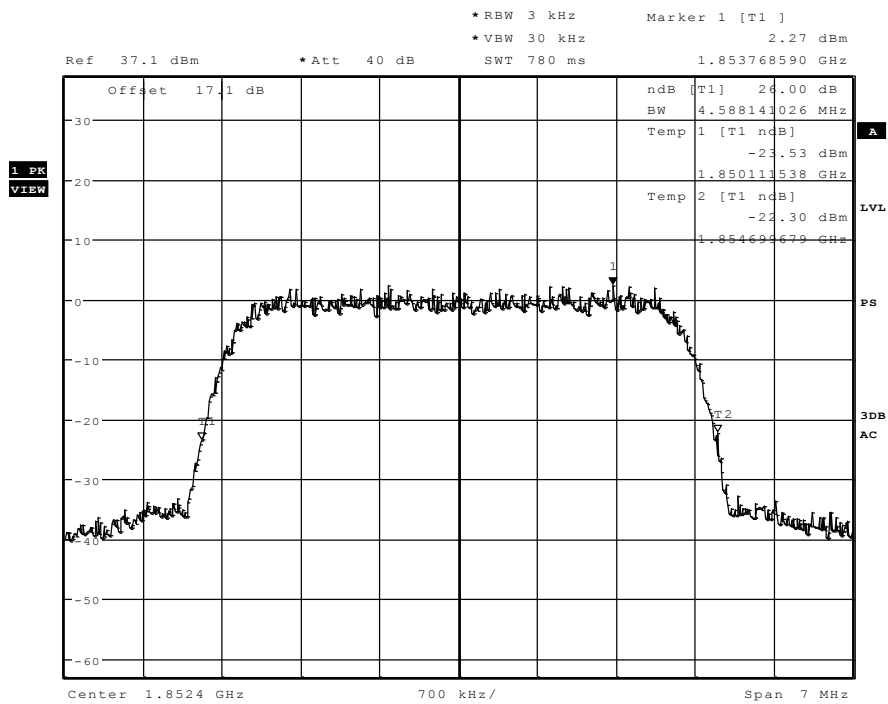
#### Channel 9400



Date: 21.SEP.2012 12:07:28

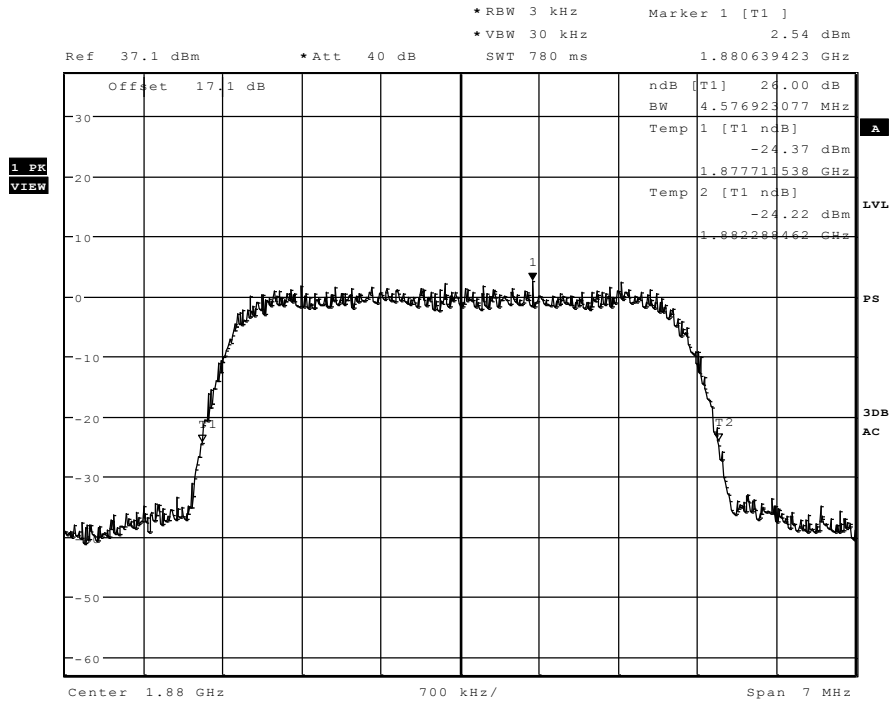
Channel 9538

1.1.2. FDD II (HSPA mode)



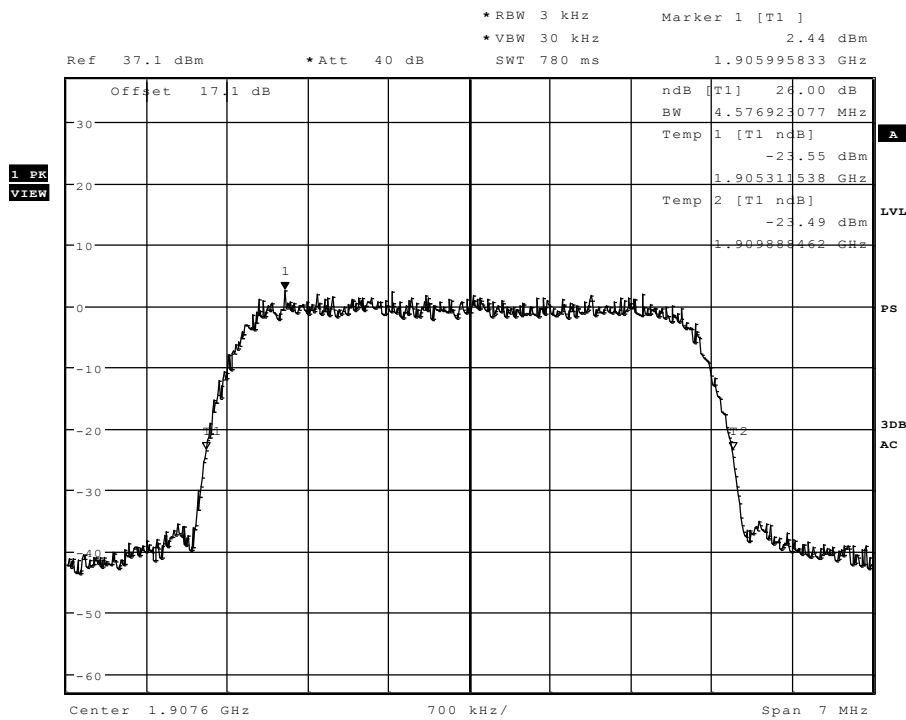
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Channel 9262



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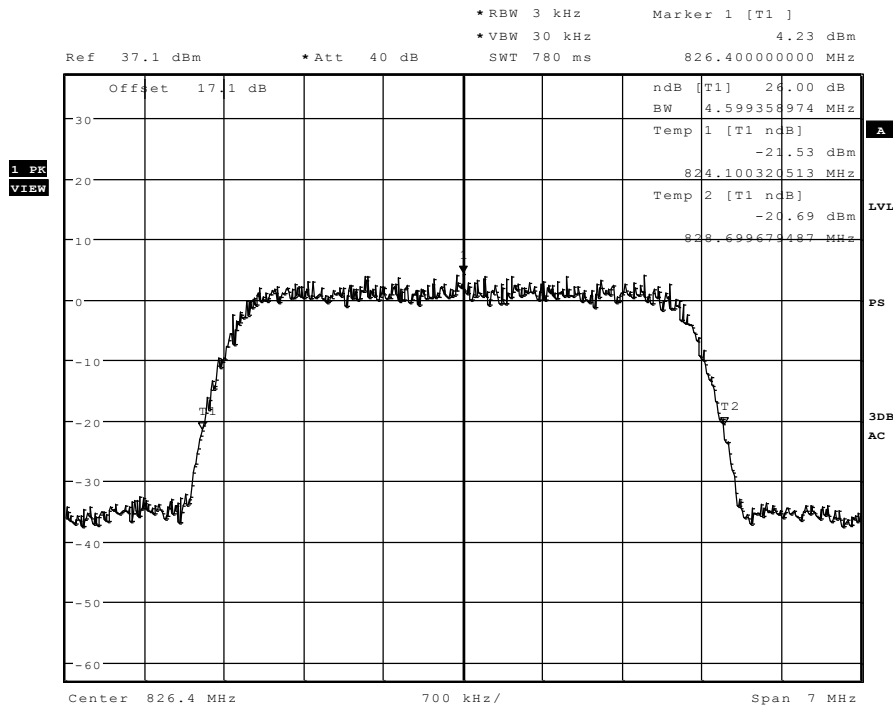
Channel 9400



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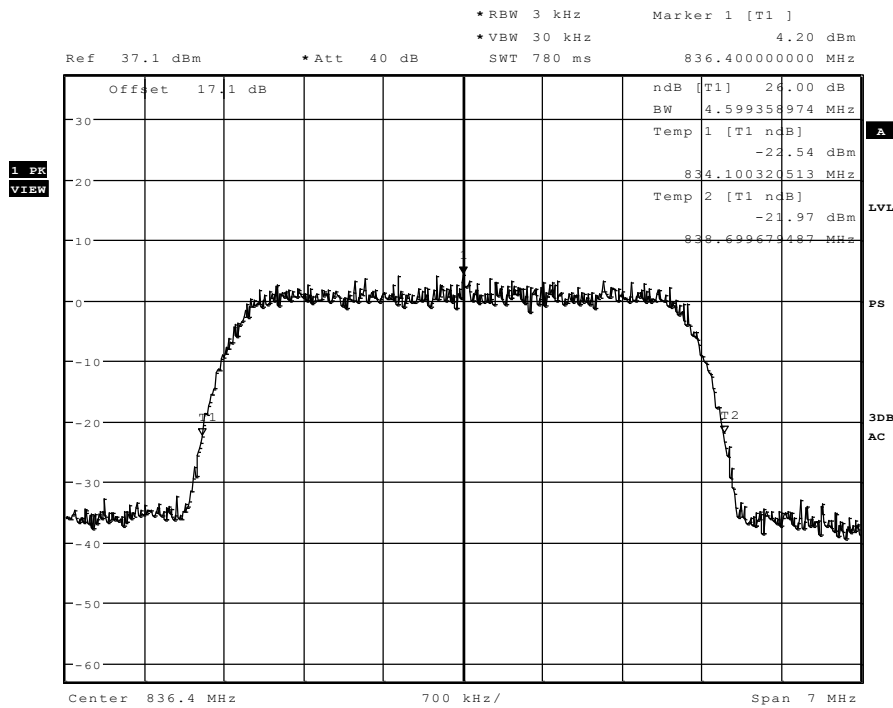
Channel 9538

1.1.3. FDD V (RMC99 mode)



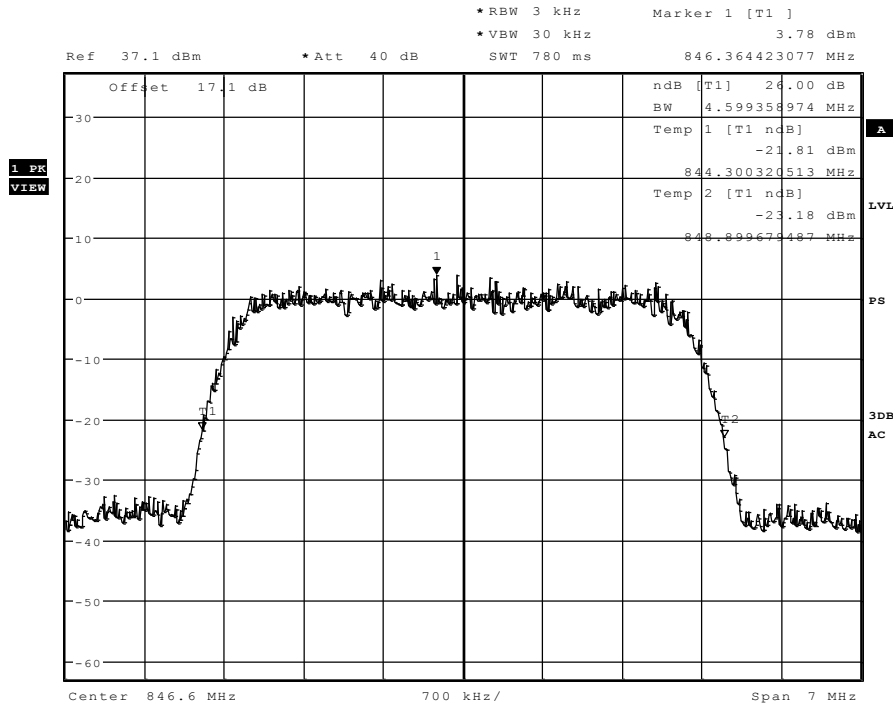
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Channel 4132



Date: 20.SEP.2012 12:10:42

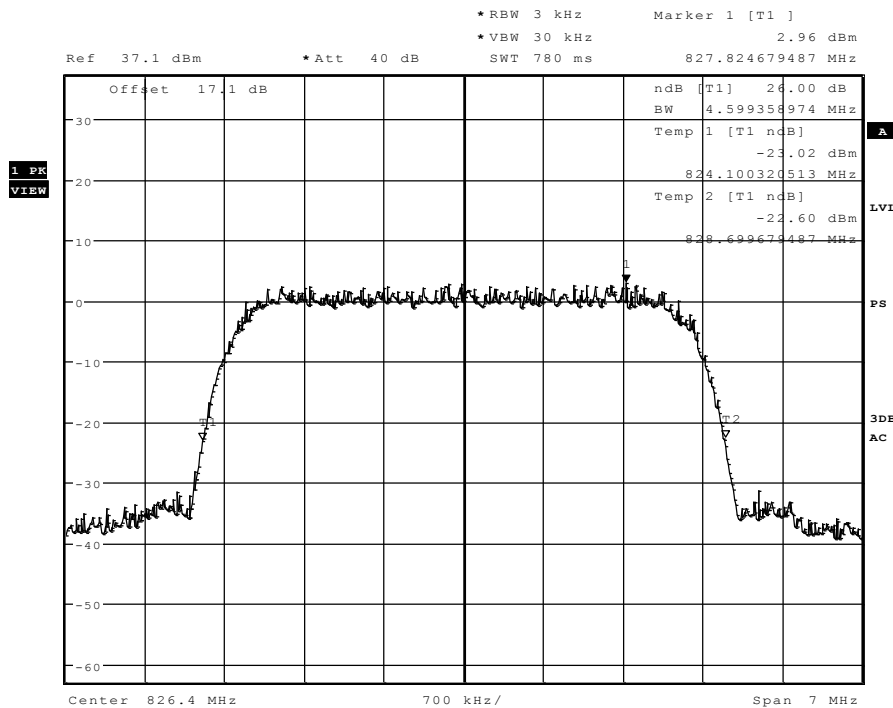
Channel 4183



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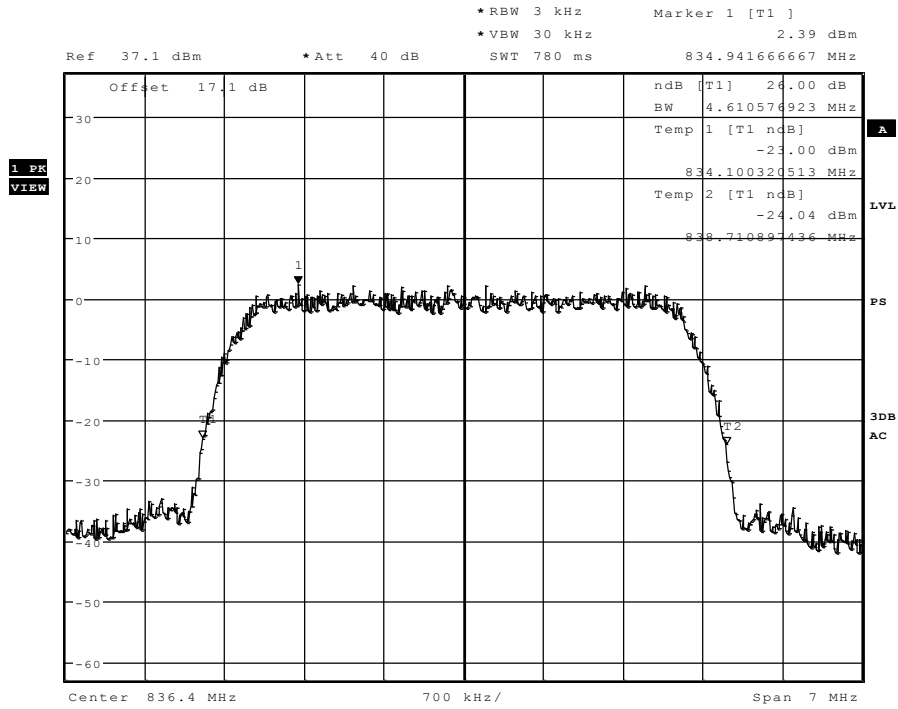
Channel 4233

**1.1.4. FDD V (HSPA mode)**



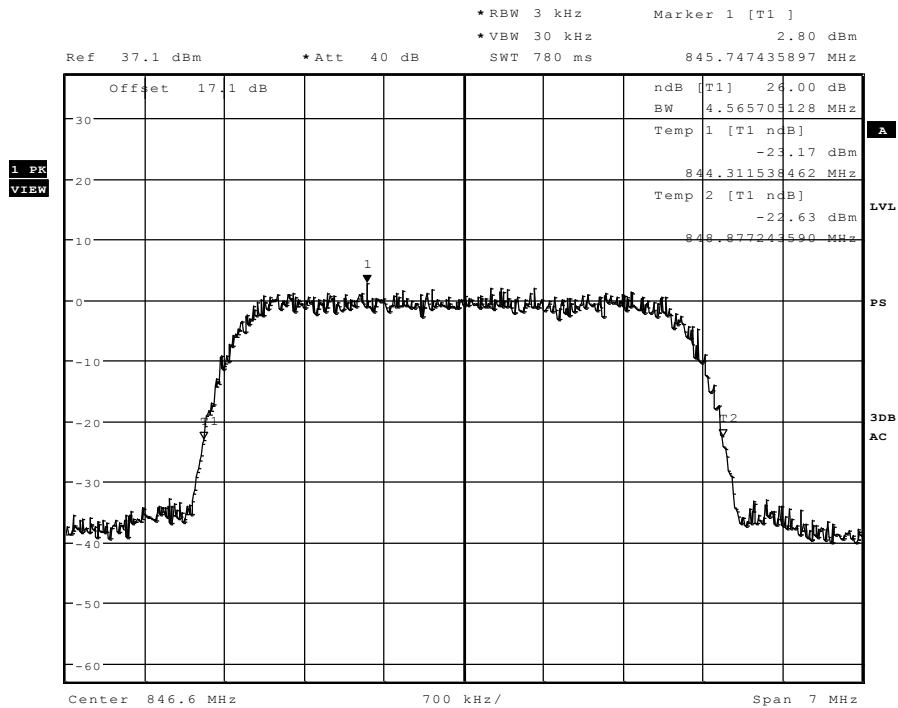
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Channel 4132



Date: 20.SEP.2012 12:41:17

Channel 4183



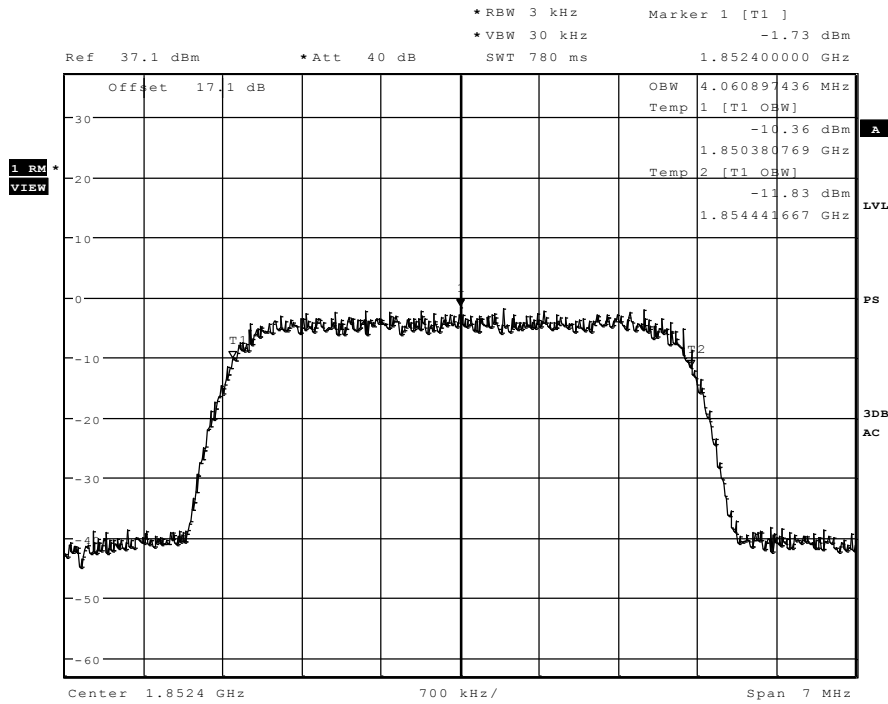
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Channel 4233



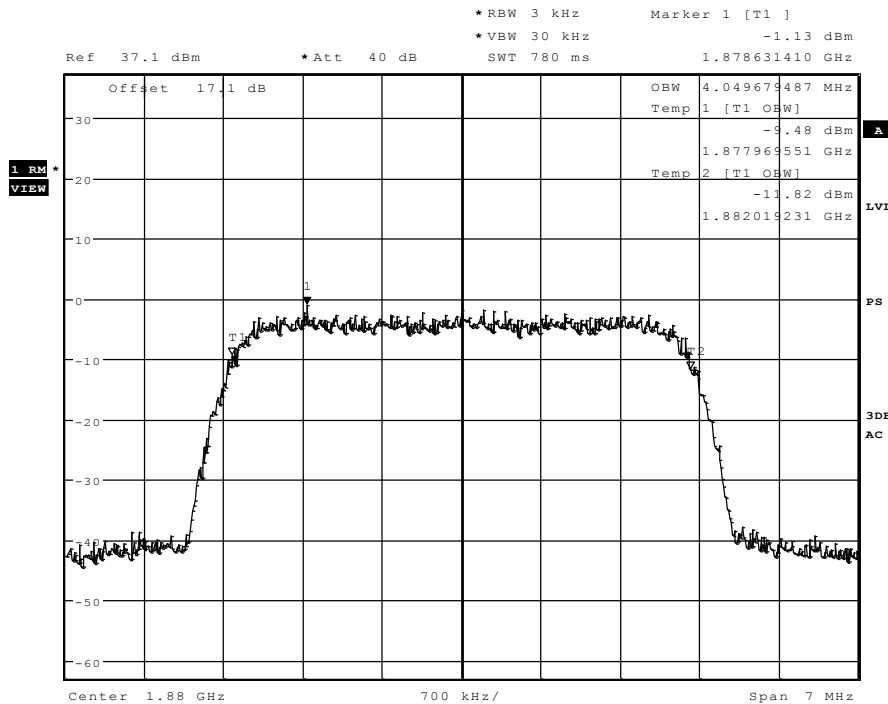
## 1.2. 99% Occupied bandwidth

### 1.2.1. FDD II (RMC99 mode)



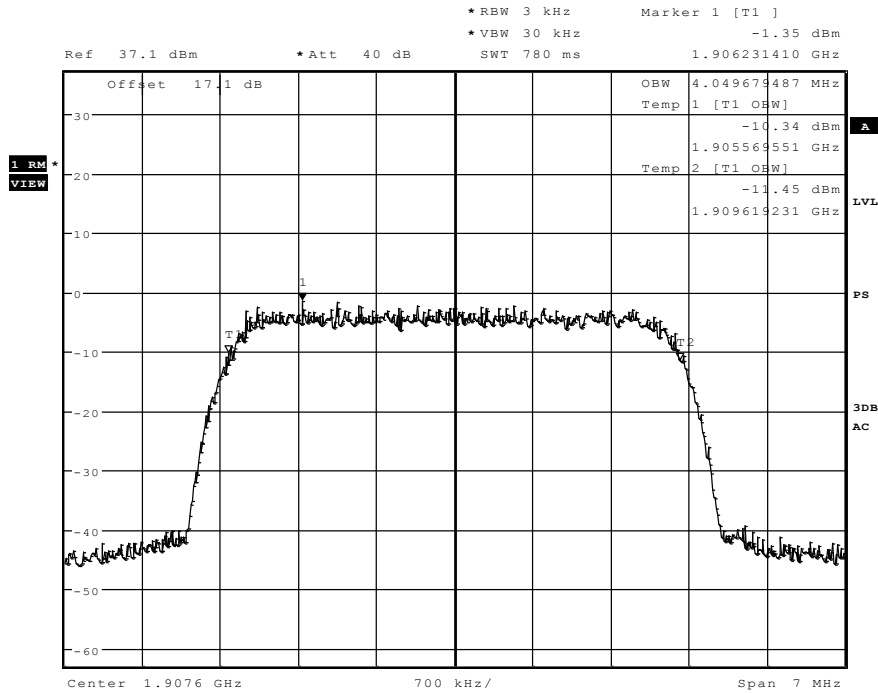
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Channel 9262



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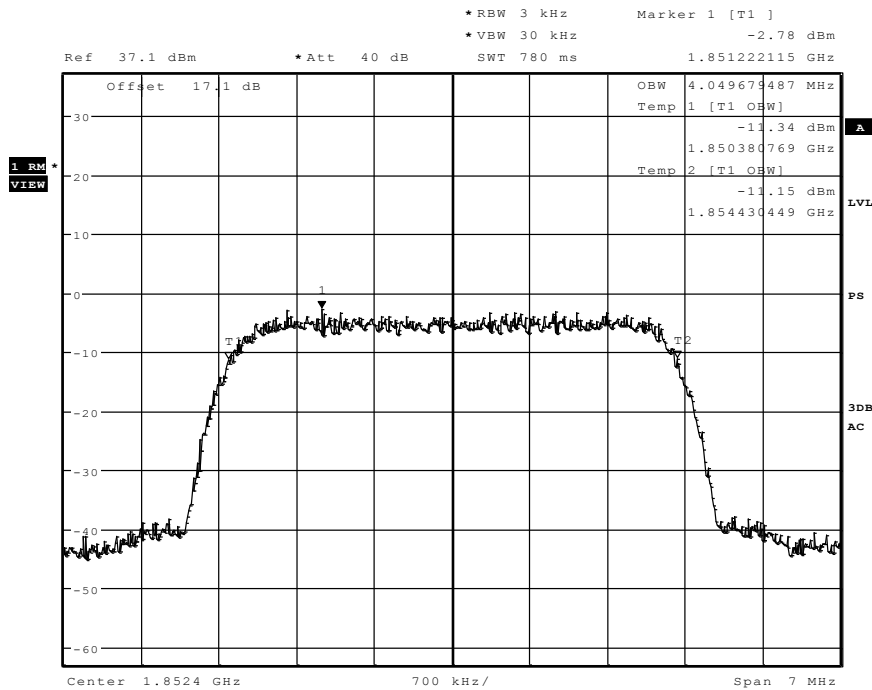
Channel 9400



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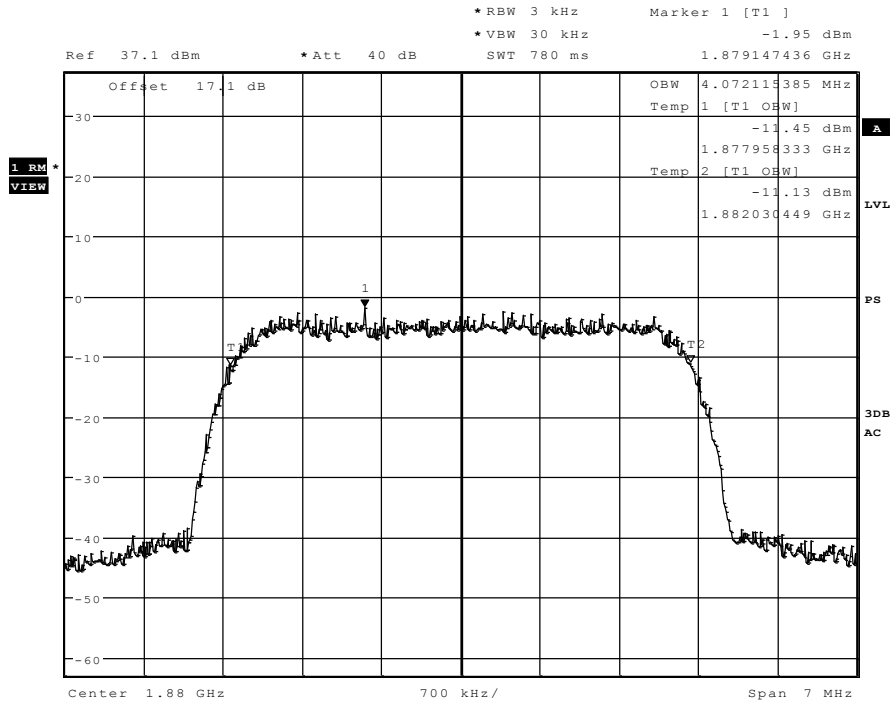
Channel 9538

### 1.2.2. FDD II (HSPA mode)



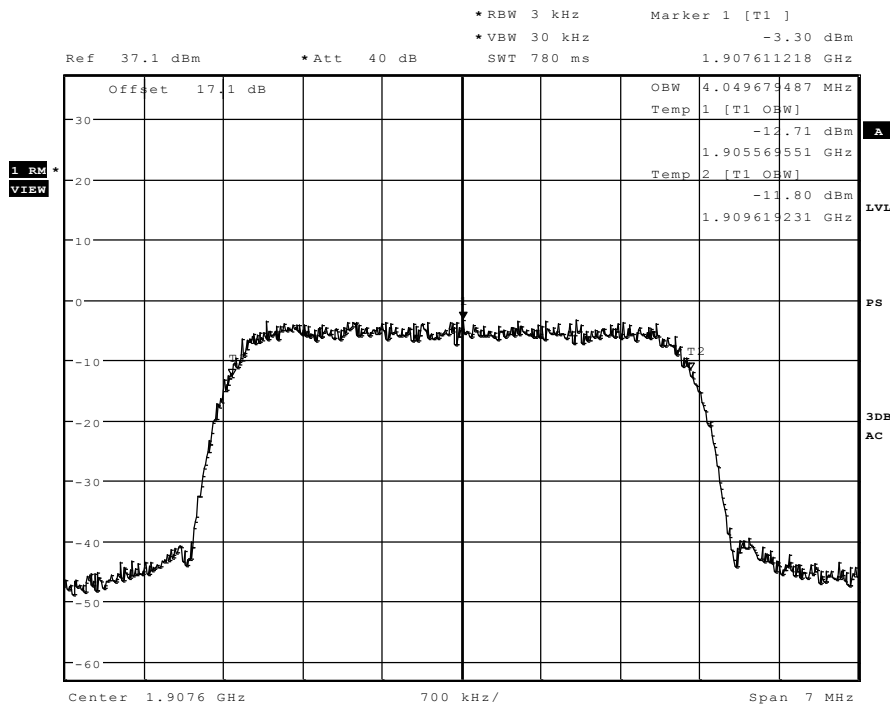
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Channel 9262



Date: 21.SEP.2012 12:19:24

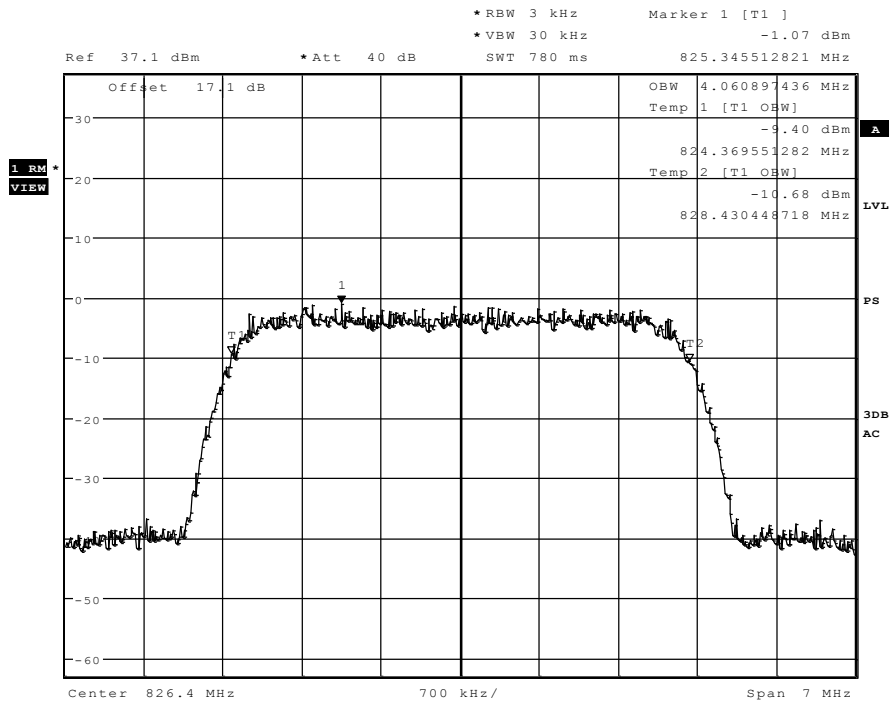
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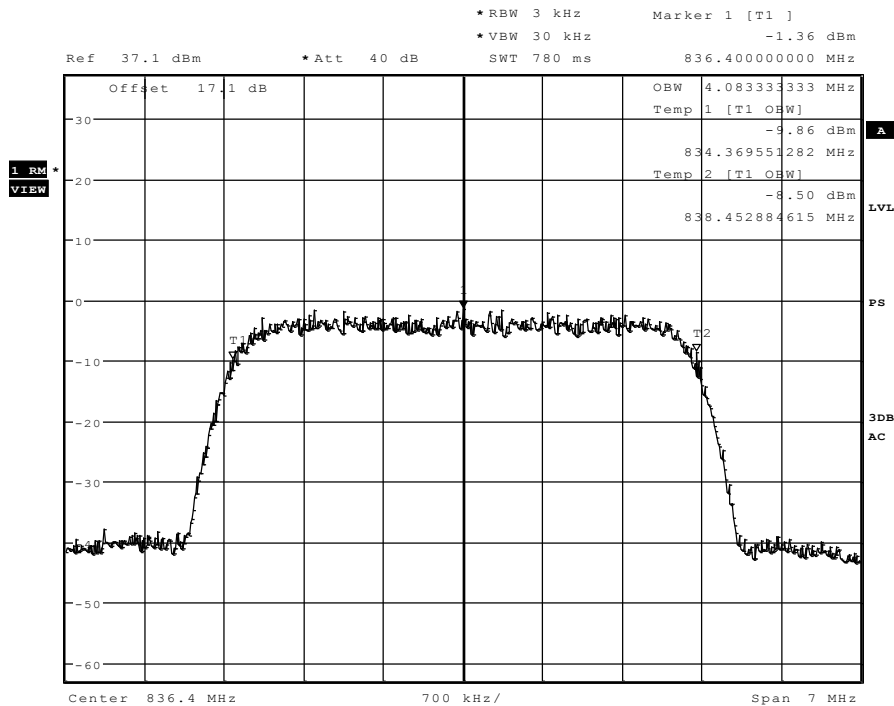
**Channel 9538**

### 1.2.3. FDD V (RMC99 mode)



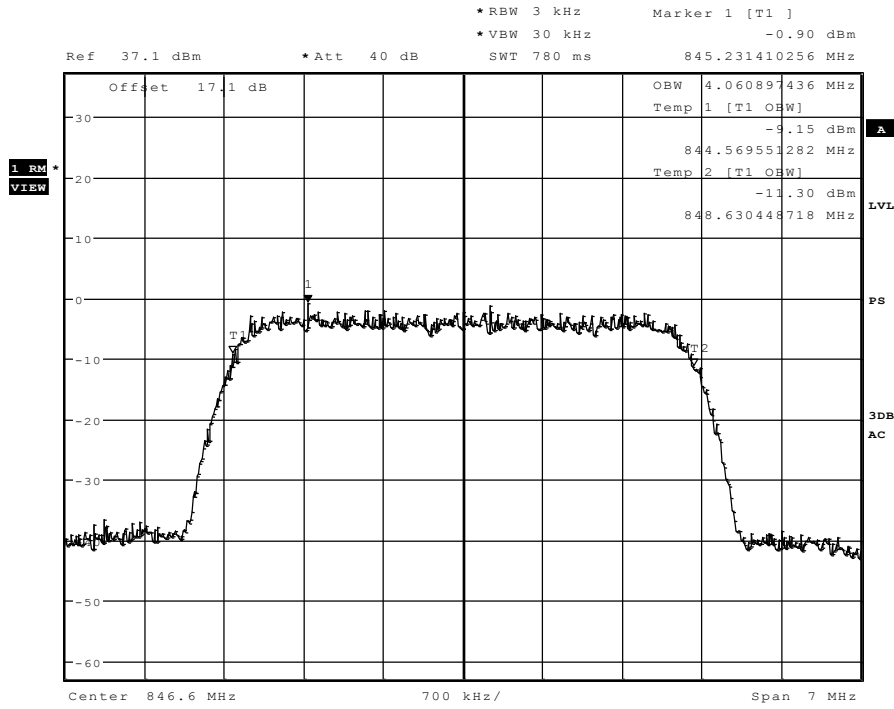
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#### Channel 4132



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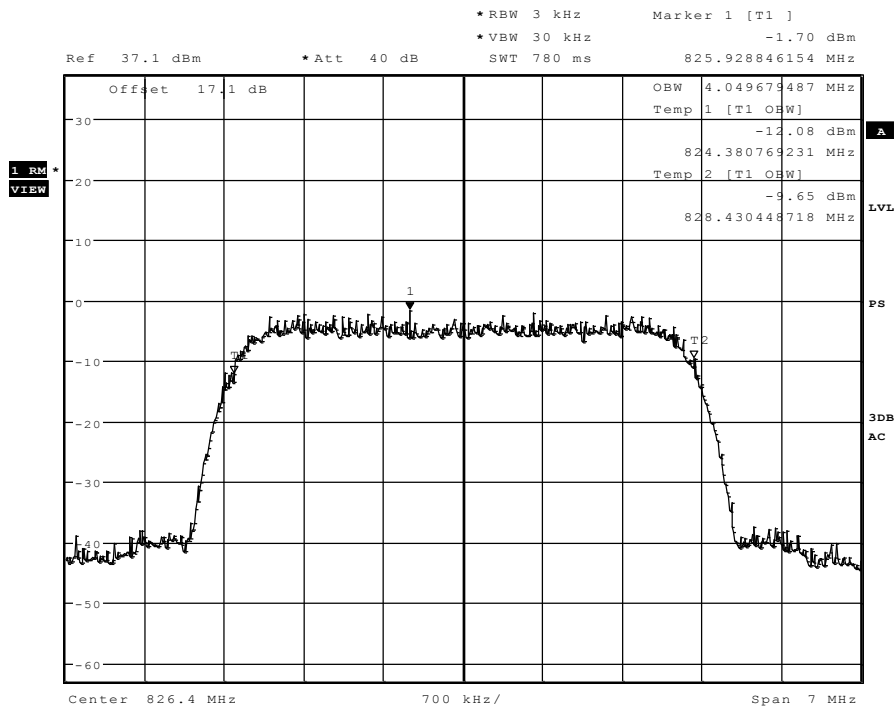
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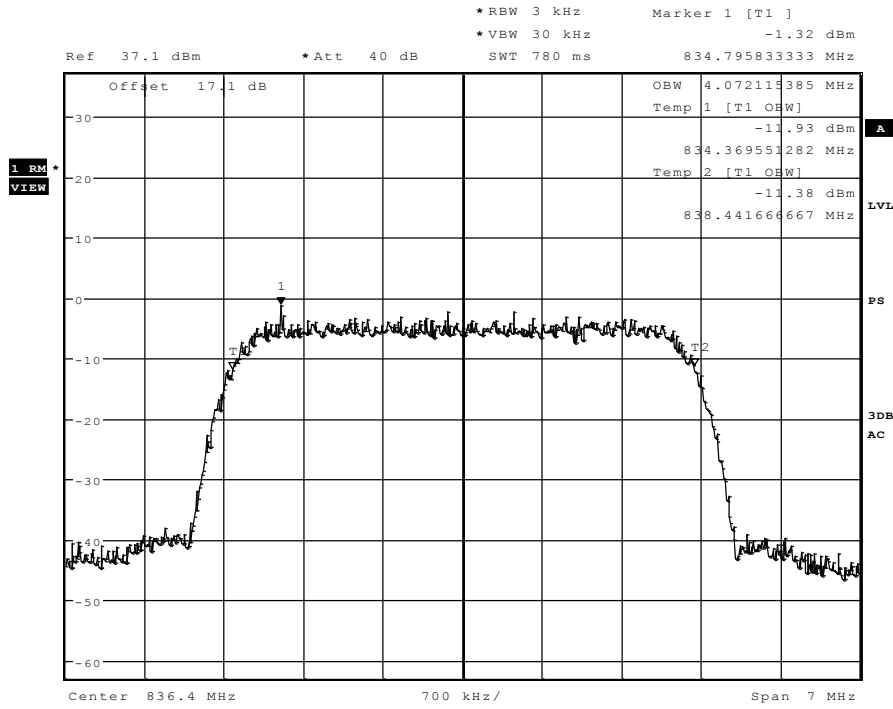
Channel 4233

### 1.2.4. FDD V (HSPA mode)



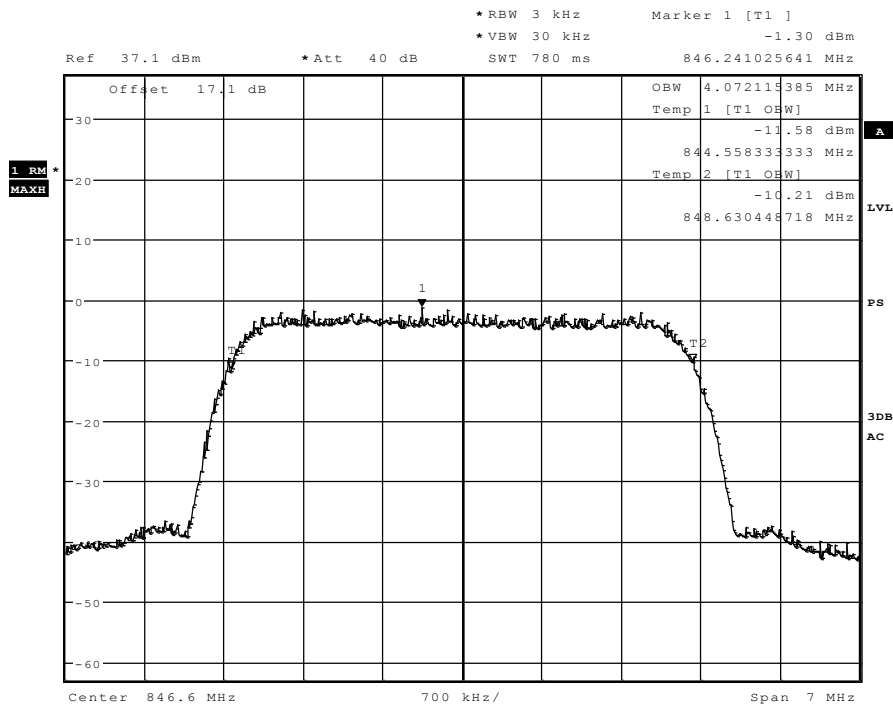
Date: 20.SEP.2012 12:45:07

Channel 4132



Date: 20.SEP.2012 12:43:27

Channel 4183



Date: 20.SEP.2012 12:37:15

Channel 4233

### 1.3. Spurious emissions conducted

#### 1.3.1. Out-of-Band emissions – FDD II (RMC99)

## Diagram No.: 12.10

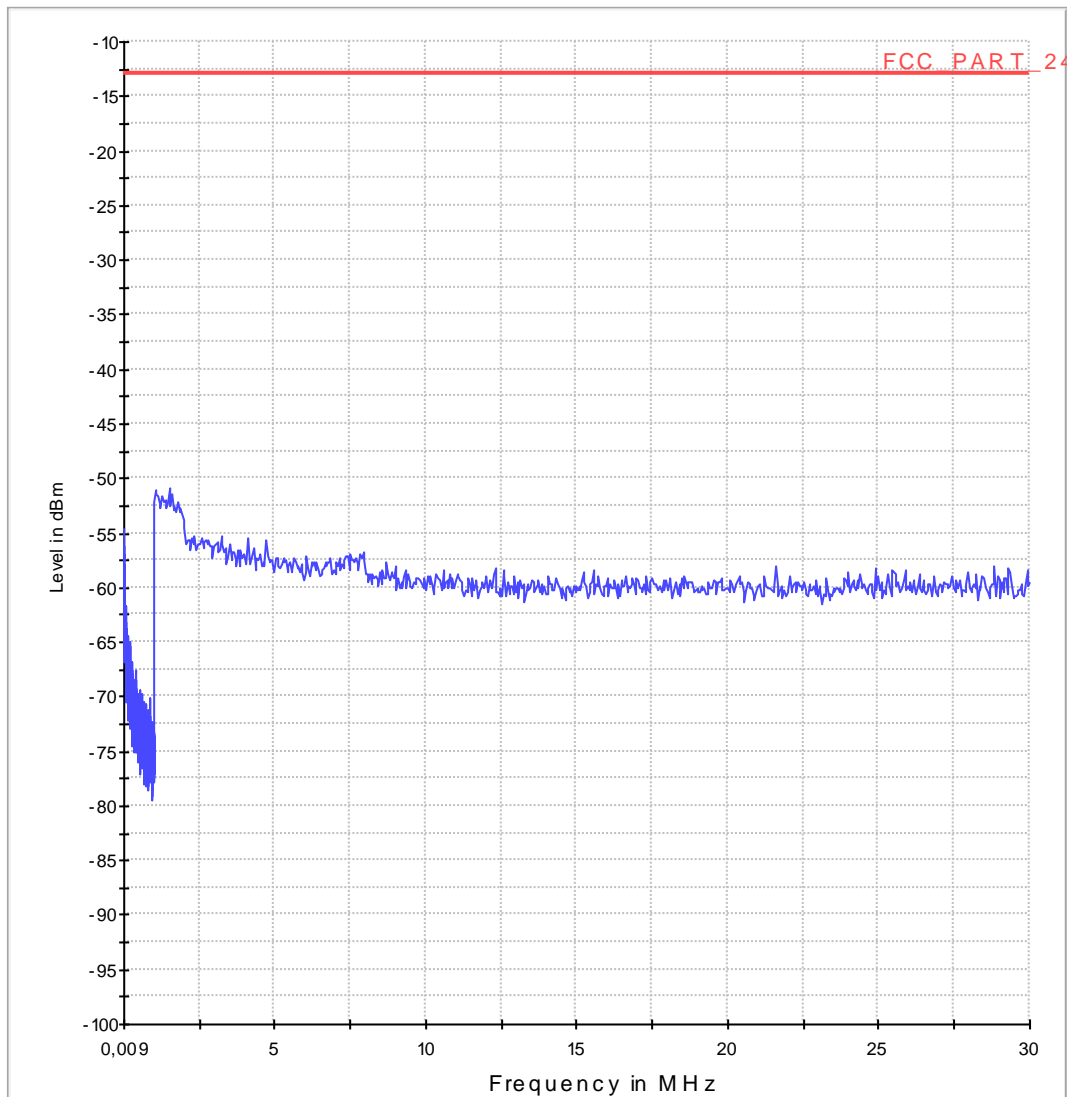
### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 24.238 RSS-133
Operation mode:	FDDII RMC (channel:9262)
Operator Name:	TAS/Ach
Comment:	6-0147-12-9 -3b

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_1



### Diagram No.: 12.10

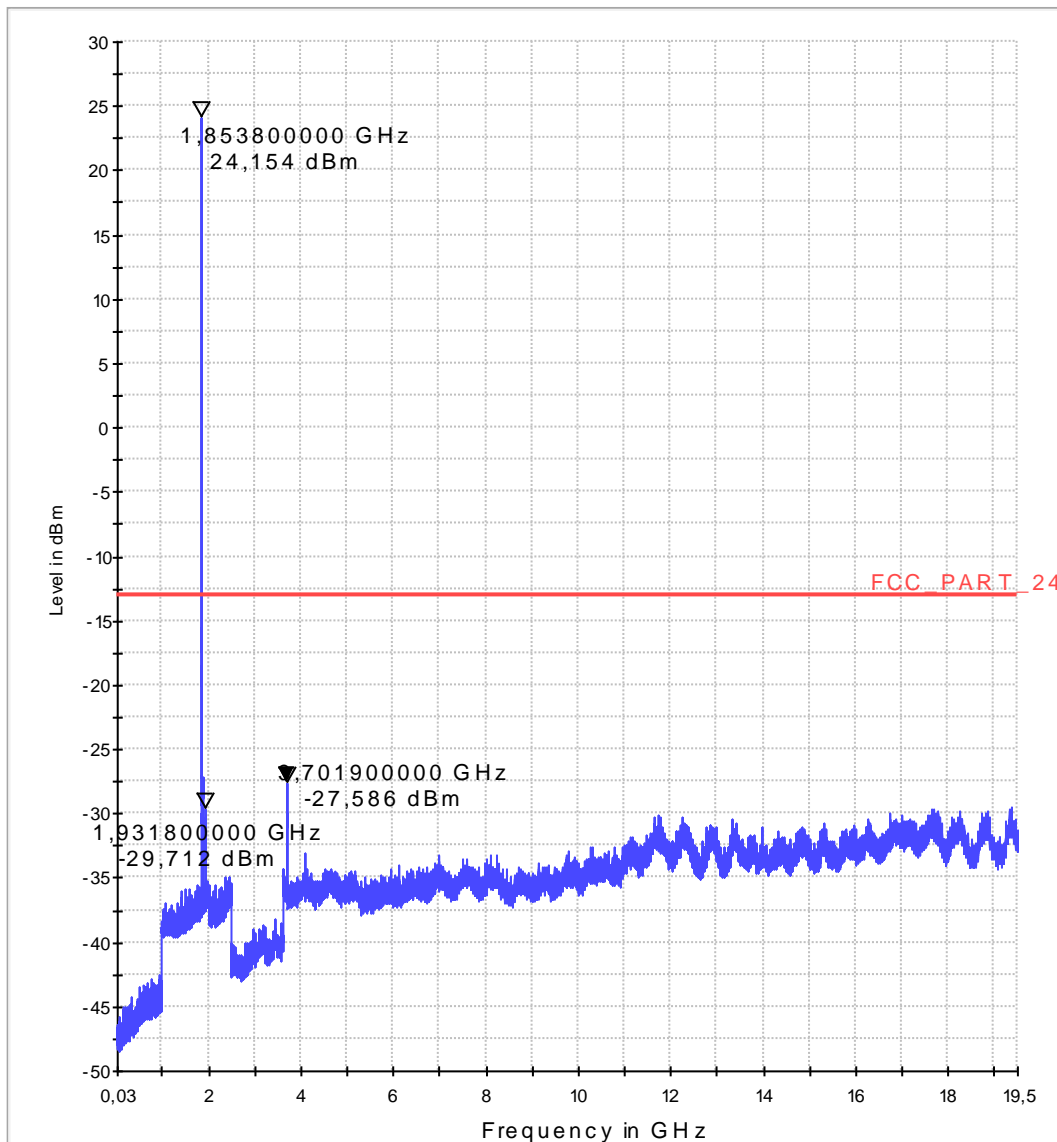
#### Common Information

Test Description:	TX Spurious Emission conducted
Test standard:	FCC Part 24.238 RSS-133
Test Site:	Radio laboratory 1
Operator Name:	TAS/Ach
Operating mode:	FDD II TX, RMC99, low channel on U-ARFCN 9262

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_2





### Diagram No.: 12.11

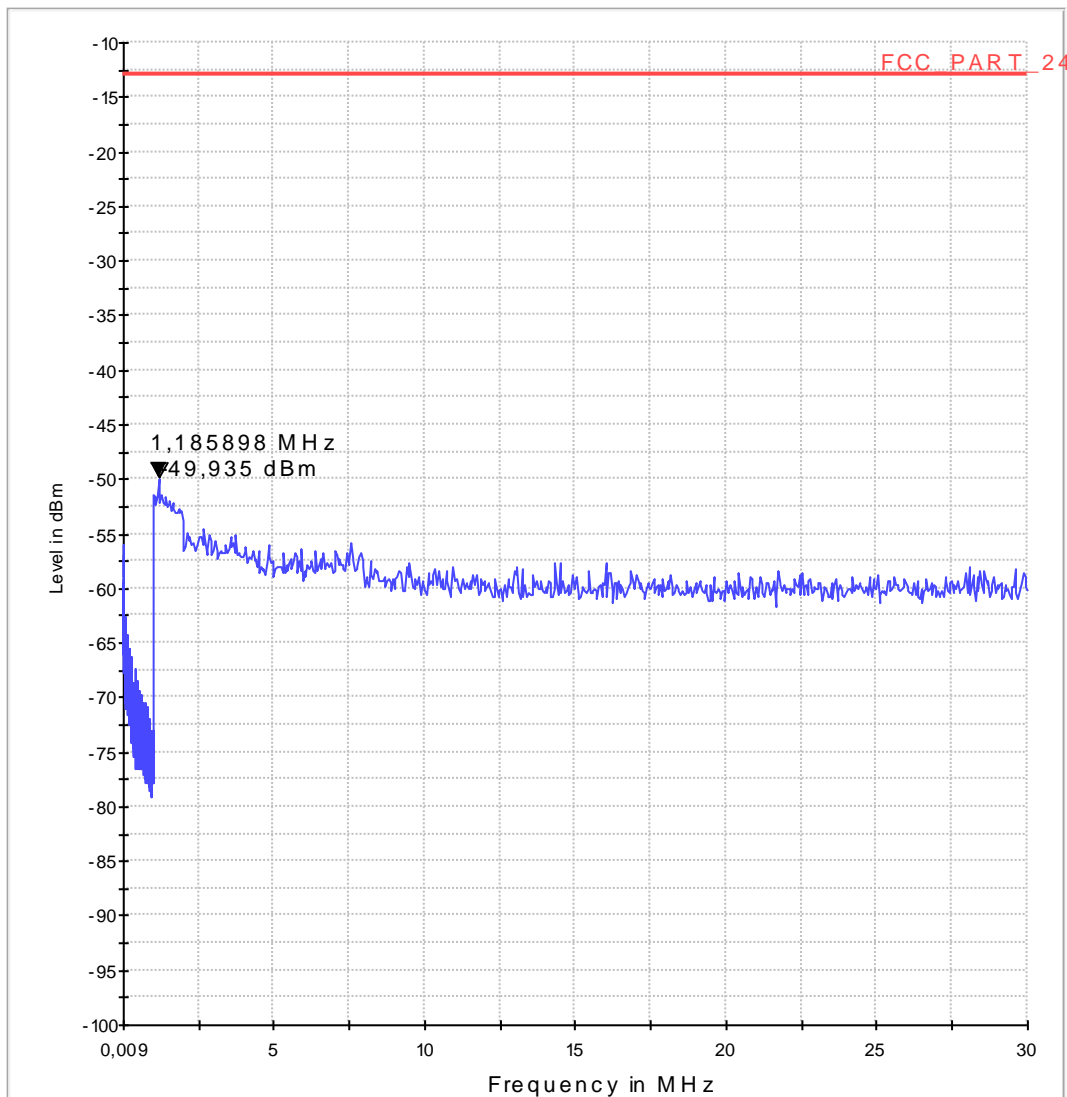
#### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 24.238 RSS-133
Operation mode:	FDDII RMC (channel:9400)
Operator Name:	TAS/Ach
Comment:	6-0147-12-9 -3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756000
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_1



### Diagram No.: 12.11

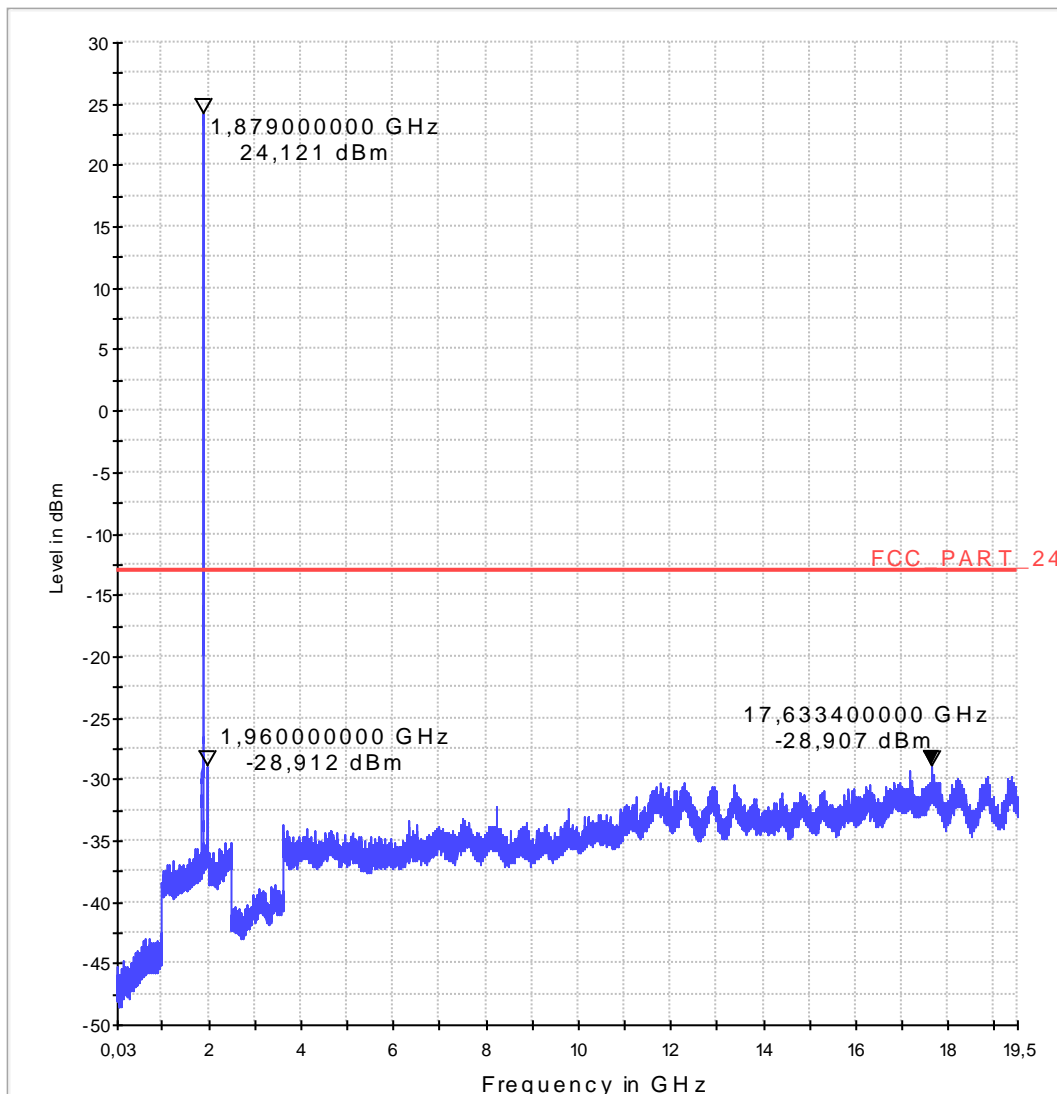
#### Common Information

Test Description:	TX Spurious Emission conducted
Operating Conditions:	Radio laboratory 1
Test spec:	FCC Part 24.238 RSS-133
Op-mode:	TX FDDII RMC (channel:9400)
Operator:	TAS/Ach
	6-0147-12-9 -3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_2



### Diagram No.: 12.12

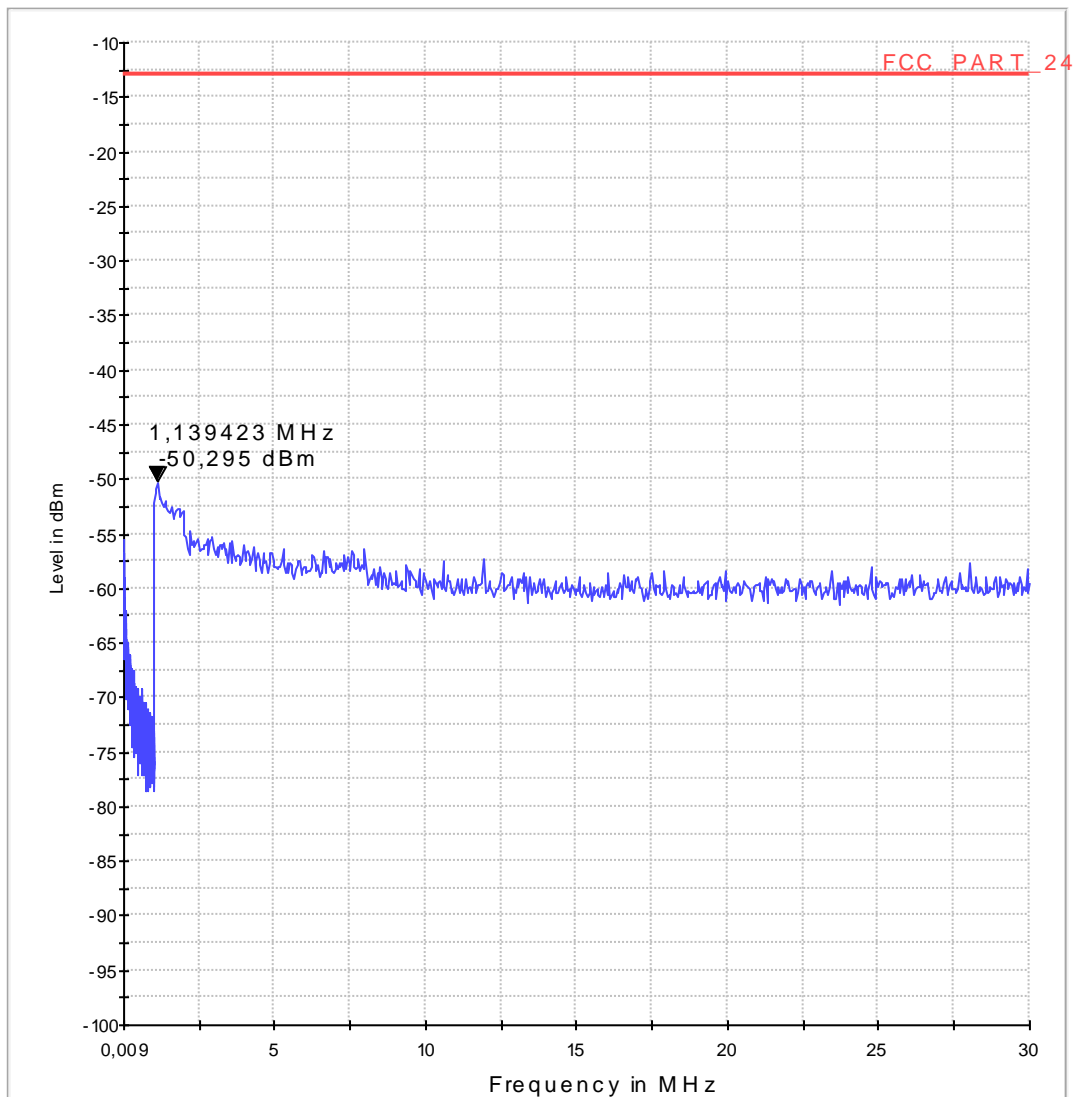
#### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 24.238 RSS-133
Operation mode:	FDDII TX RMC (channel:9538)
Operator Name:	TAS/Ach
Comment:	6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_1



### Diagram no.: 12.12

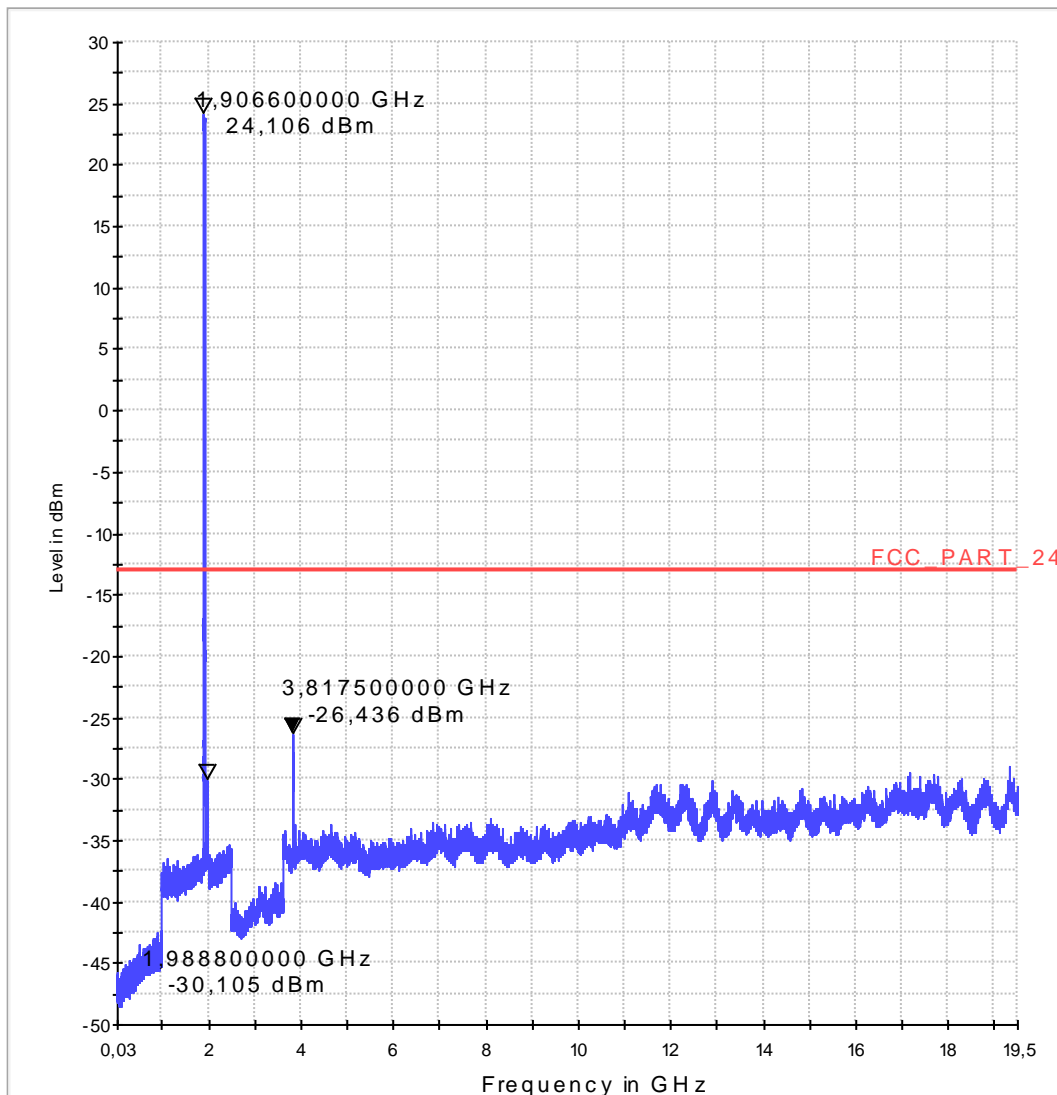
#### Common Information

Test Description:	TX Spurious Emission conducted
Operating Conditions:	Radio laboratory 1
Operator Name:	FCC Part 24.238 RSS-133
Op. mode:	TX FDDII RMC (channel:9538)
	TAS/Ach
	6-0147-12-9 -3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_2



1.3.2. Band-Edge compliance FDD II (RMC99)

### Diagram No.: 14.15

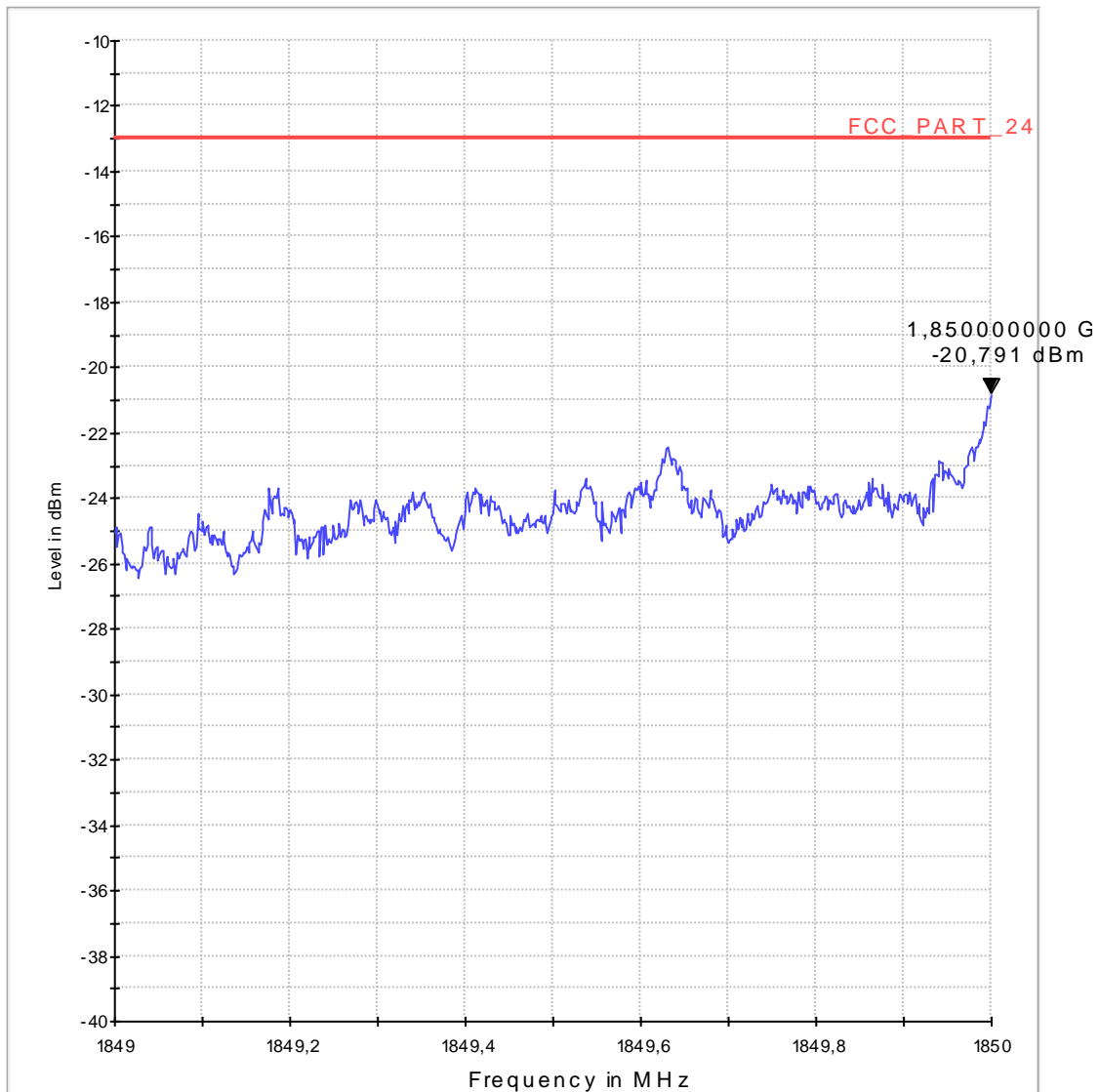
#### Common Information

Test Description:	Band Edge
Operating Conditions:	Radio laboratory 1
Test spec.:	FCC Part 24.238 RSS-133
Operator	TAS/Ach 6-0147-12-9 -3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_3a\_Band\_Edge\_Channel\_9262\_PK



### Diagram No. 14.16

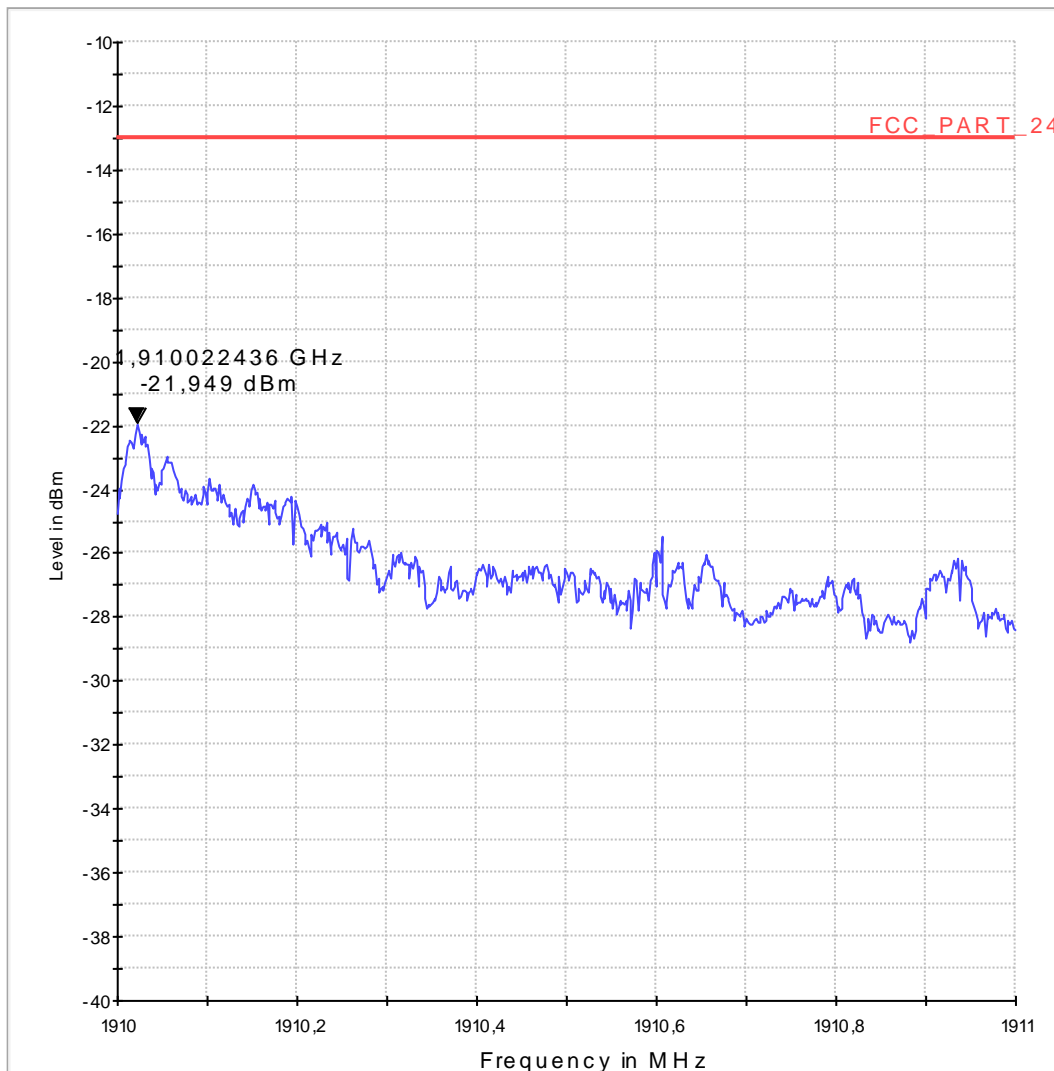
#### Common Information

Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 24.238 RSS-133
Environment Conditions:	22.5°C 39%
Operator Name:	TAS
Operating mode:	TX on channel U-ARFCN 9538 6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232

Sweep\_3a\_Band\_Edge\_Channel\_9538\_PK



1.3.3. Out-of-Band emissions – FDD V (RMC99)

Diagram No.: 12.13

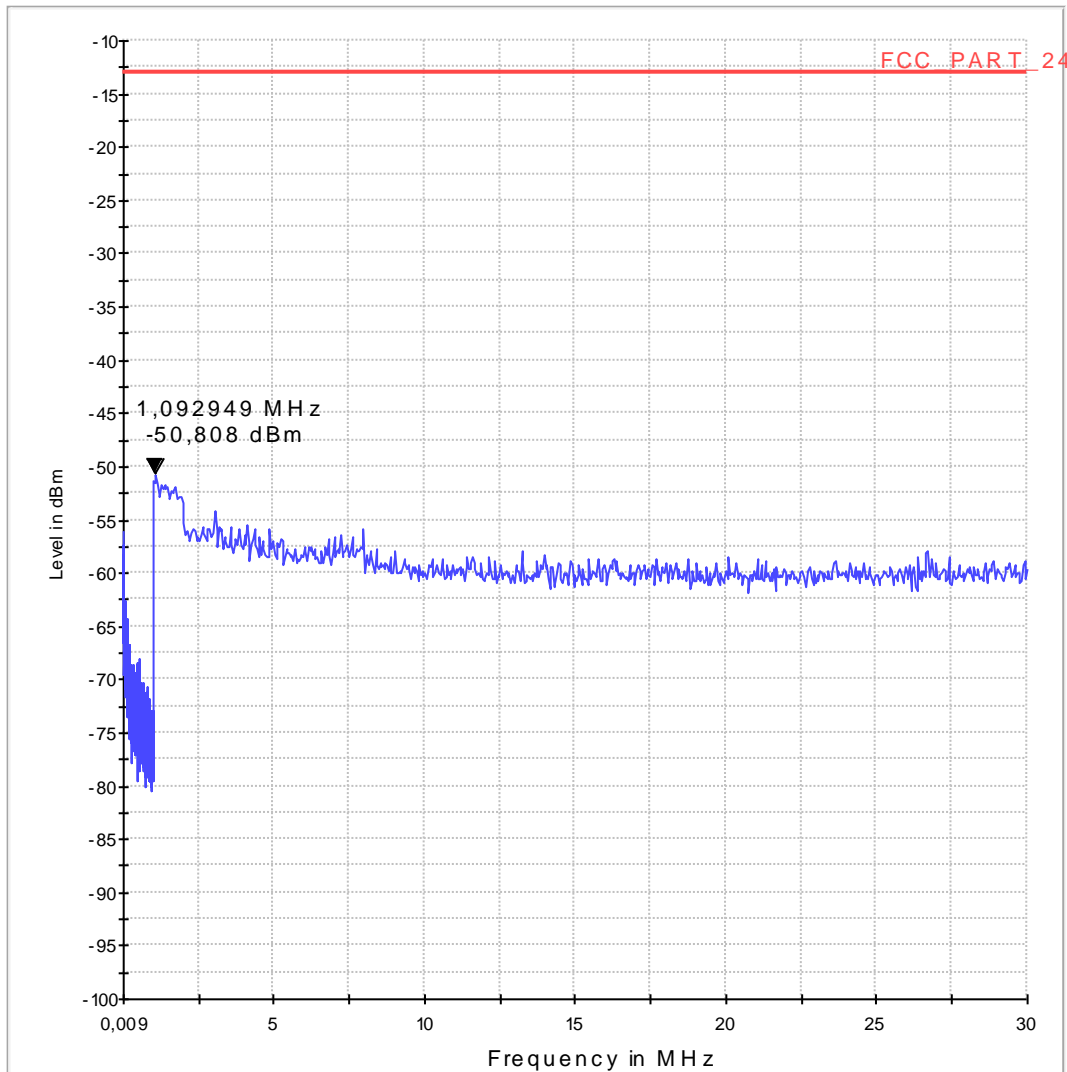
Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22.917, RSS-132
Operation mode:	TX - FDD V (RMC), low channel on U-ARFCN 4132
Operator Name:	Tas
Comment:	6-0147-12-9-3b

EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756000
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_1



## Diagram No.: 12.13\_to 9G

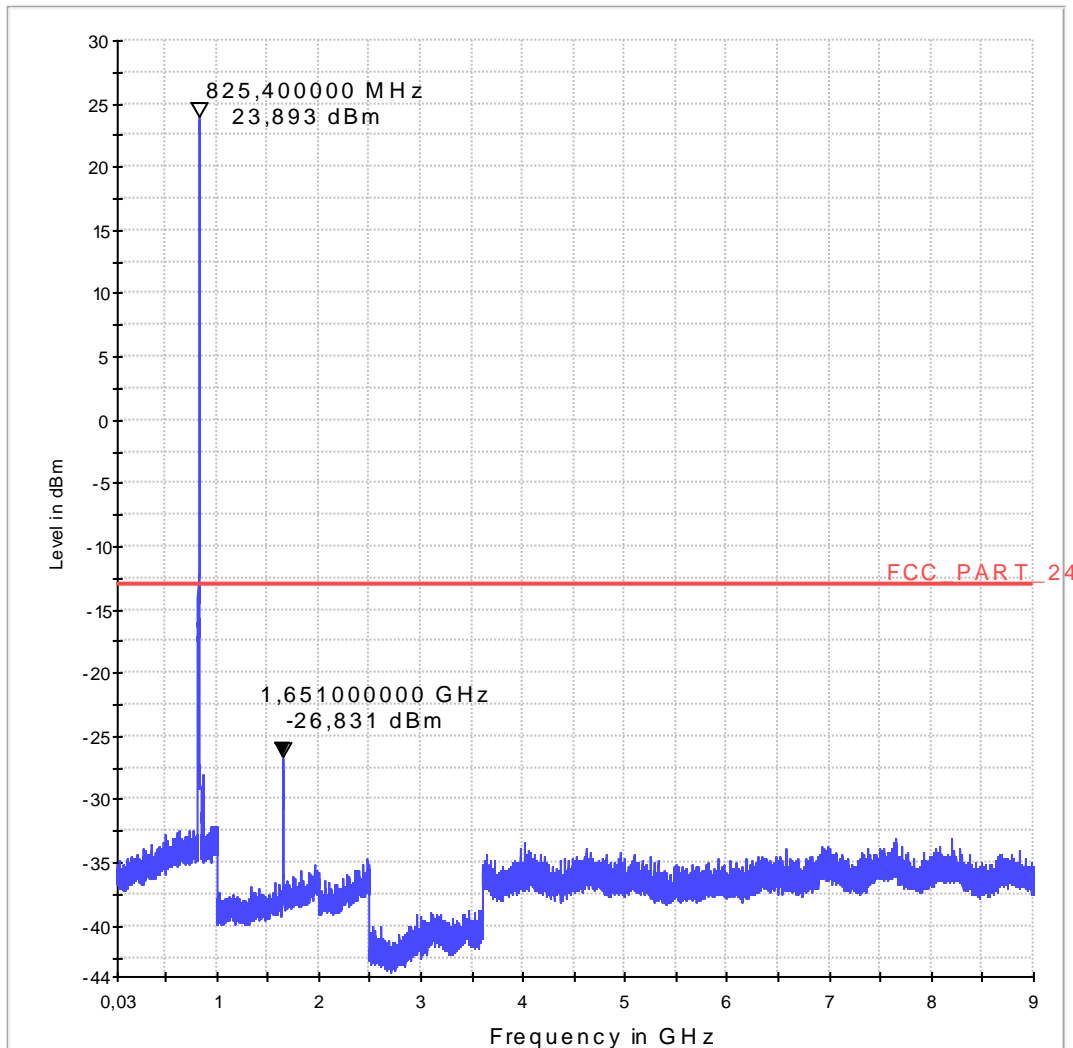
### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22, RSS-132
Operation mode:	TX - FDD V (RMC), low channel on U-ARFCN 4132
Operator Name:	Tas
Comment:	TX carrier visible and for spurious emission test shall be ignored 6-0147-12-9-3b

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756000
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_2





### Diagram No.: 12.14\_to 30M

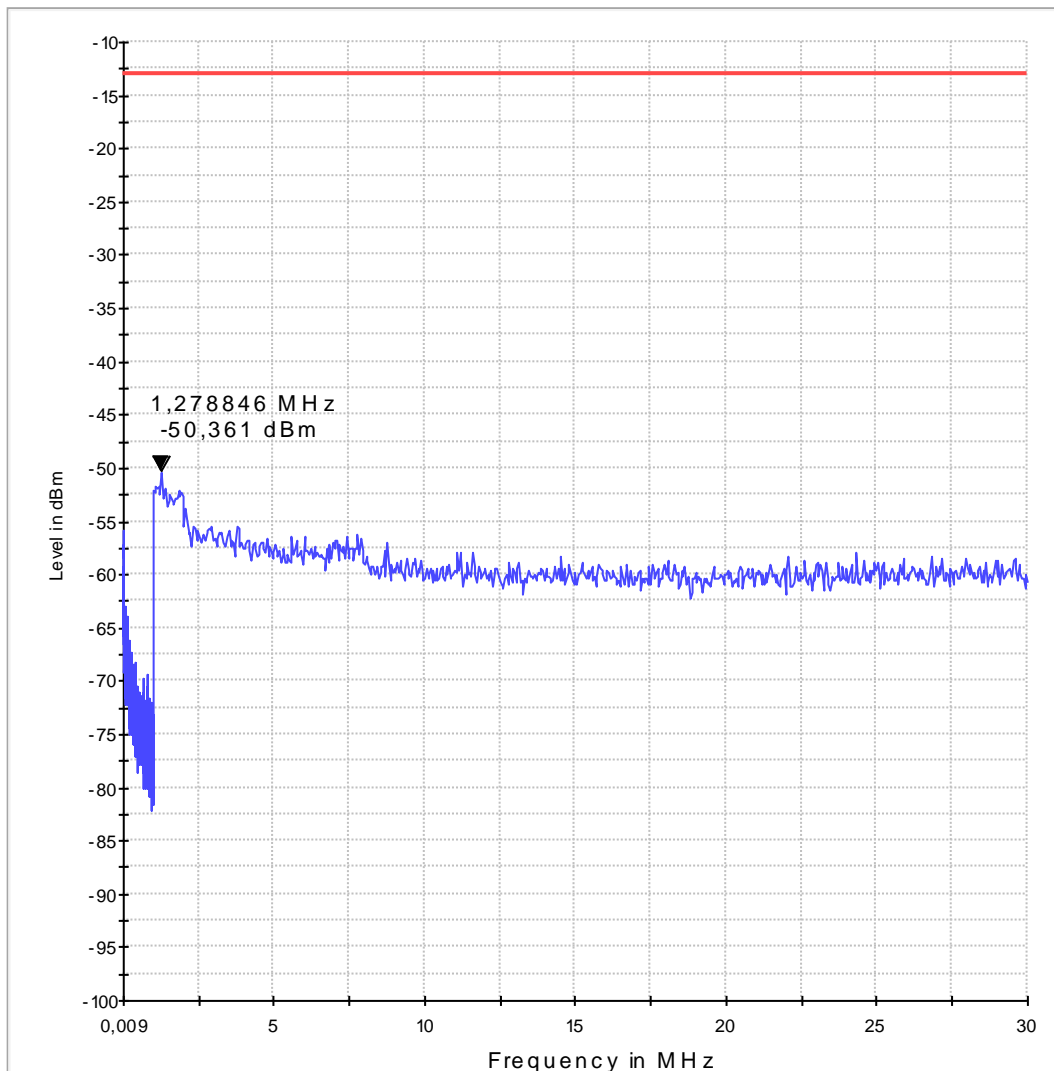
#### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22, RSS-132
Operation mode:	TX - FDD V (RMC), middle channel on U-ARFCN 4182
Operator Name:	Tas
Comment:	6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_1



## Diagram No.: 12.14\_to 9G

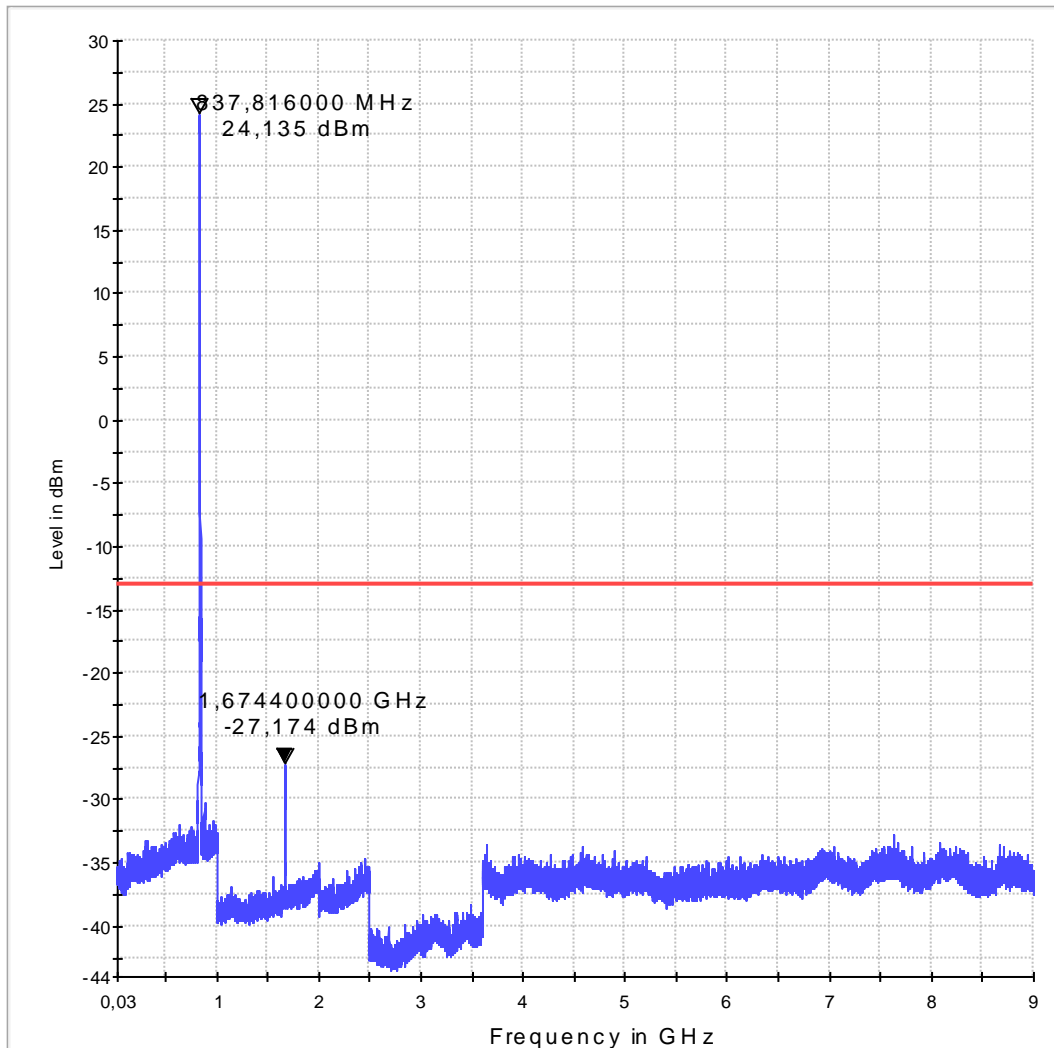
### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22, RSS-132
Operation mode:	TX - FDD V (RMC), middle channel on U-ARFCN 4182
Operator Name:	Tas
Comment:	TX carrier visible and for spurious emission test shall be ignored 6-0147-12-9-3b

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_2



### Diagram No.: 12.15\_to 30 M

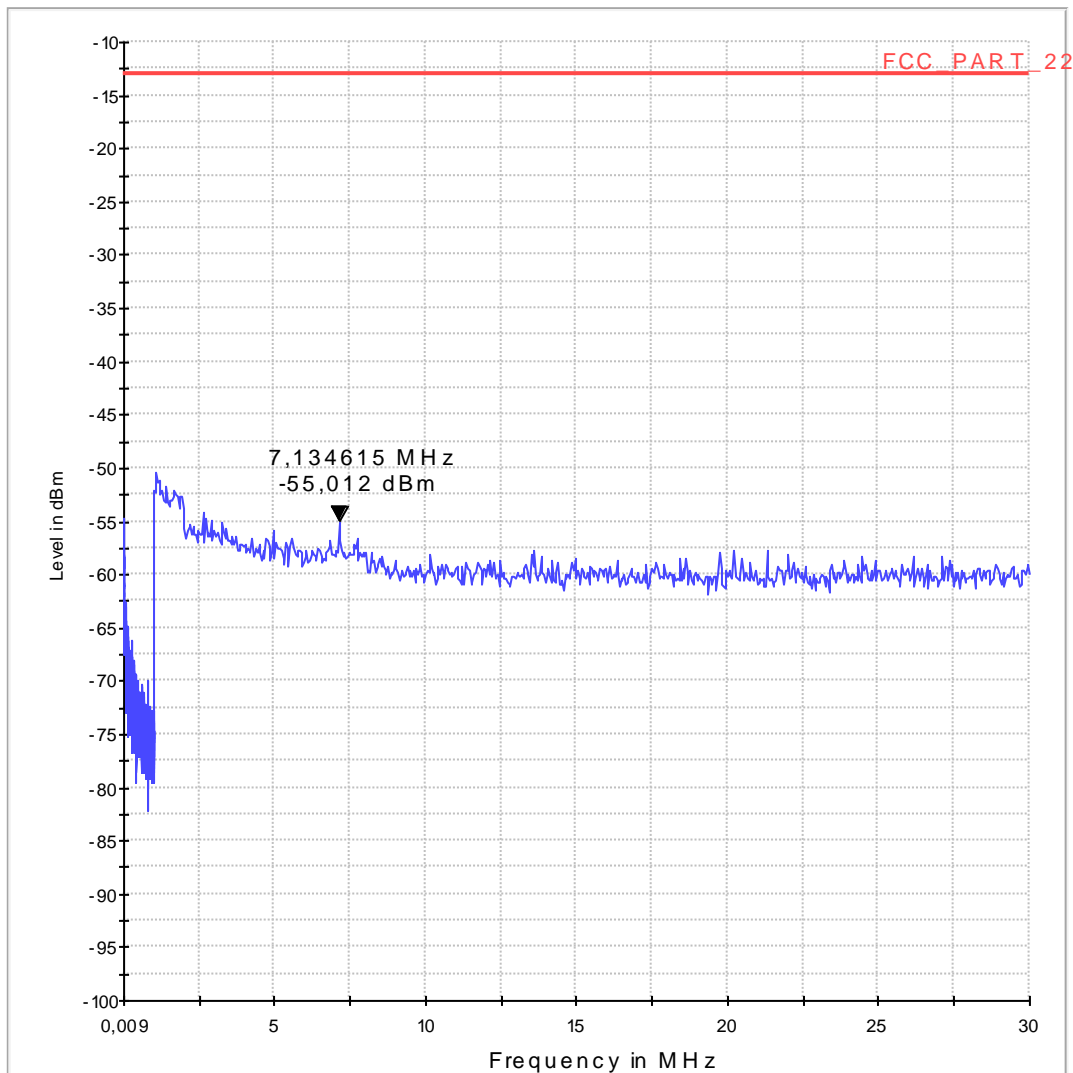
#### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22, RSS-132
Operation mode:	TX - FDD V (RMC), high channel on U-ARFCN 4233
Operator Name:	Tas
Comment:	6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_1



### Diagram No.: 12.15\_to 9G

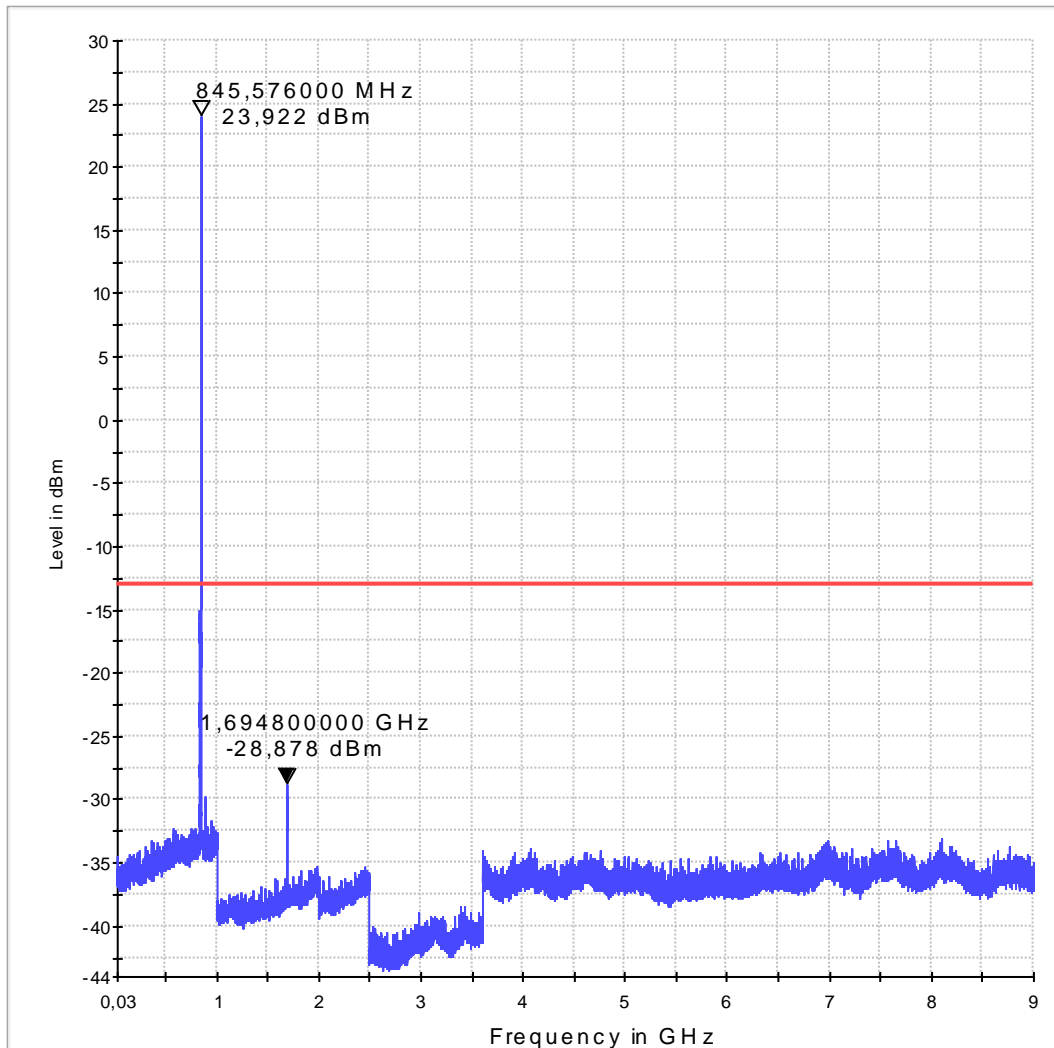
#### Common Information

Test Description:	TX Spurious Emission conducted
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22, RSS-132
Operation mode:	TX - FDD V (RMC), high channel on U-ARFCN 4233
Operator Name:	Tas
Comment:	TX carrier visible and for spurious emission test shall be ignored 6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_2



1.3.4. Band-Edge compliance: FDD V Mode (RMC99)

### Diagram no.: 14.19

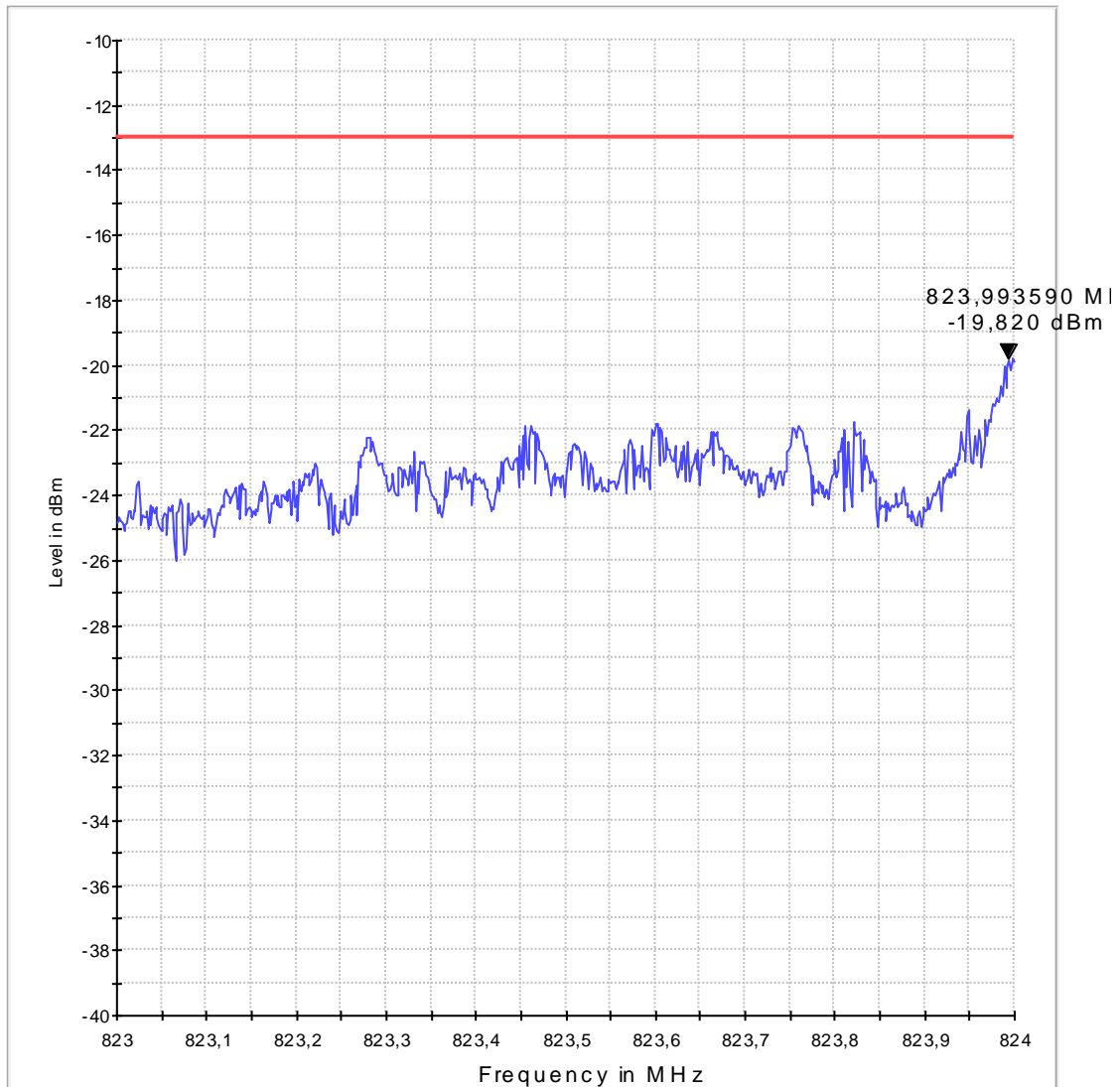
#### Common Information

Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test site	Radio laboratory 1
Test specification	FCC Part 22, RSS-132
Op Mode	TX - FDD V (RMC), low channel on U-ARFCN 4132
Operator	Tas 6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_3a\_Band\_Edge\_Channel\_4132\_PK



### Diagram No.: 14.20

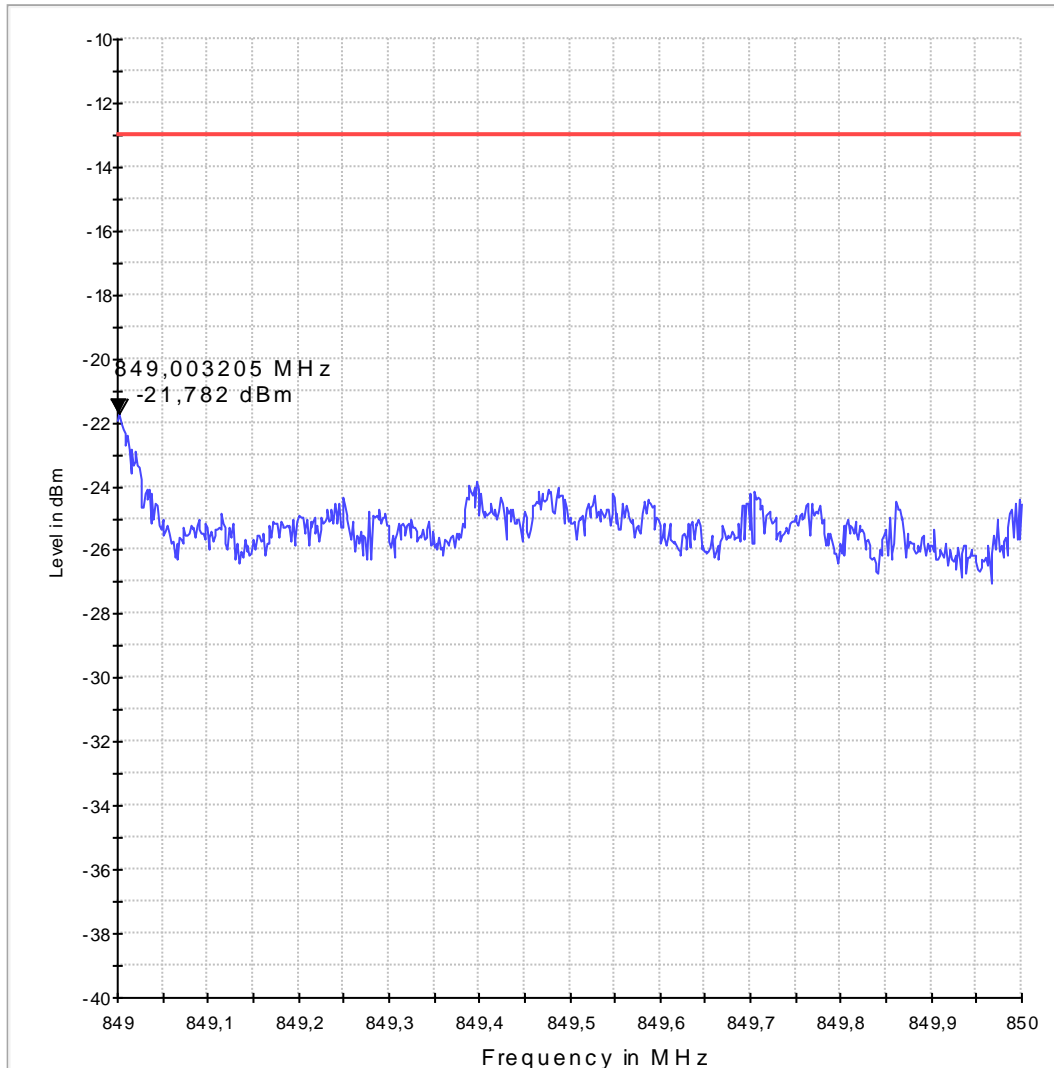
#### Common Information

Test Description:	Transmitter unwanted emissions (Band-Edge)/ FCC requirements
Test Site:	Radio laboratory 1
Test Standard:	FCC Part 22, RSS-132
Environment Conditions:	23.4°C, 40%
Operator Name:	Tas
Operating mode:	TX_RMC, high channel on U-ARFCN 4233 6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	00440108075600
Hardware Rev:	B2 rev.3
Software Rev:	00.260
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 cable

Sweep\_3a\_Band\_Edge\_Channel\_4233\_PK



1.4. Spurious emissions radiated (30 MHz < f < 20 GHz)

1.4.1. FDD II mode (RMC99)

### 8.16\_RSE\_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 (fc = 1852.4 MHz)  
 Environmental Conditions: Humidity: 49%rH; Temperature: 20°C  
 Operator: HLa  
 6-0147-12-9-3b

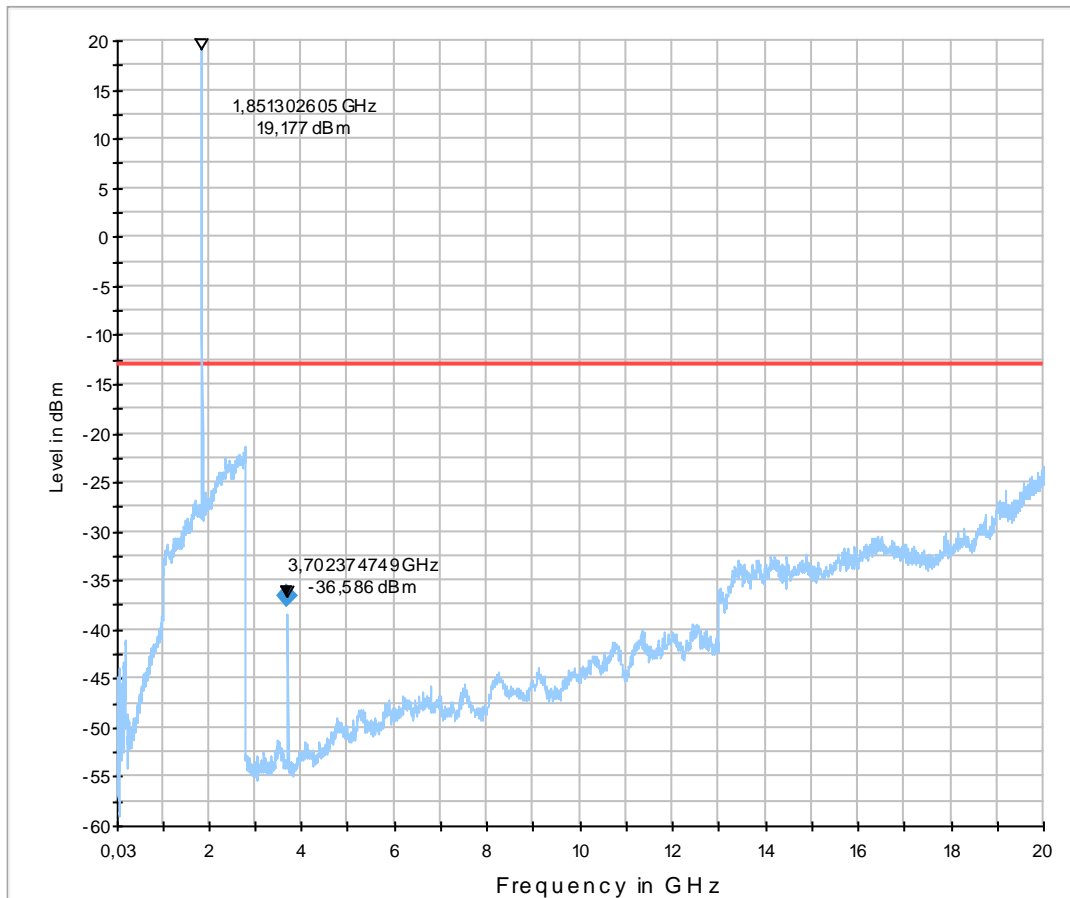
**EUT Information**

EUT Name: EHS5-US  
 Manufacturer: Cinterion  
 Serial Number: 004401080756915  
 Hardware Rev: B2 rev.3  
 Software Rev: 00.207  
 Comment: Interface R232  
 Accessories: Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

**Final Result 1**

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
3702.374749	-36.6	10000.0	1000.000	H	308.0	90.0	-94.9	23.6	-13.0

030414\_FCC\_Part24\_UMTS-FDDII\_TX\_all\_channels\_30M-25G



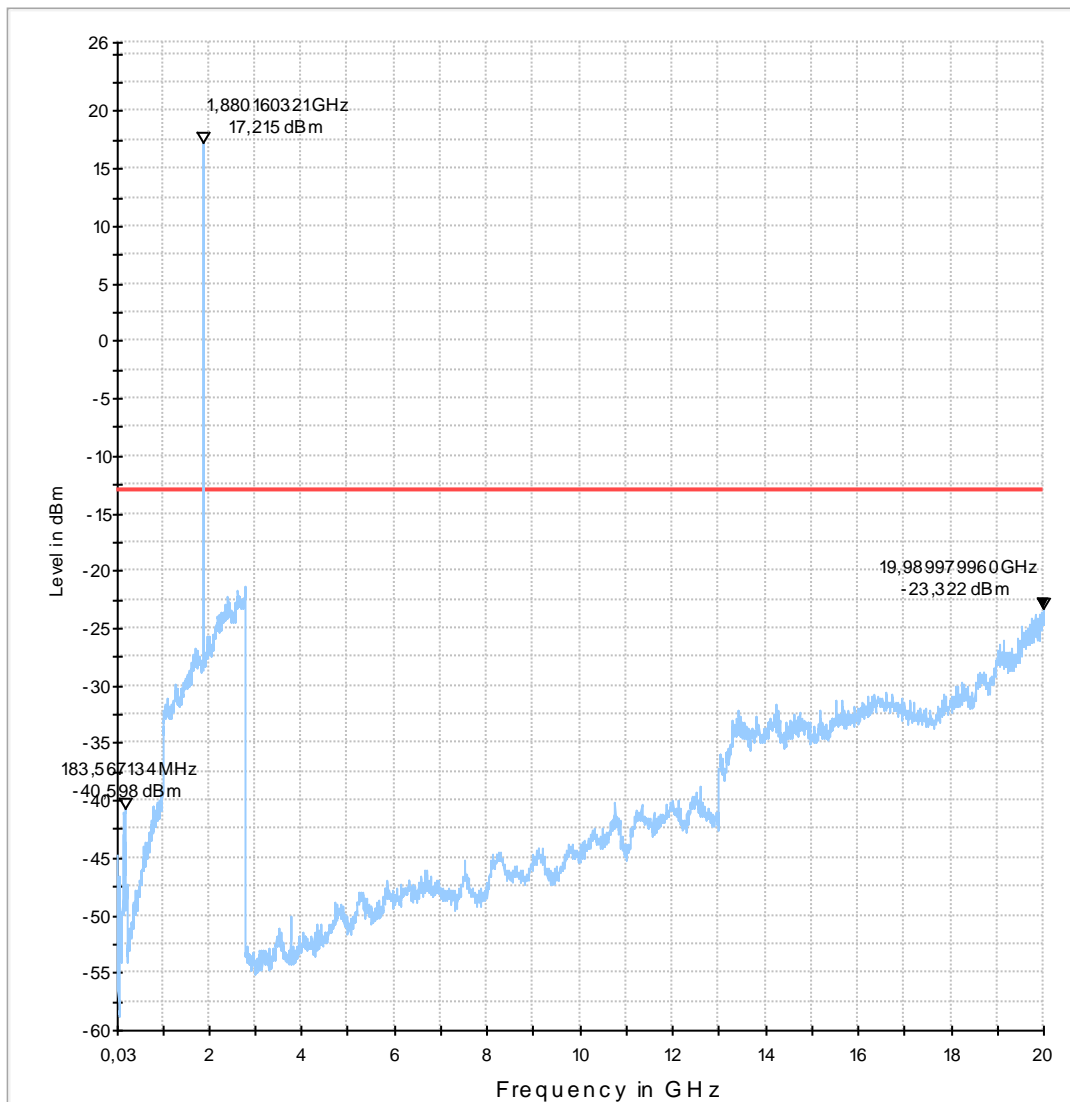
## 8.17\_RSE\_RMC

### 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 = 1880.0 MHz)
Environmental Conditions:	Humidity: 49%rH; Temperature: 20°C
Operator:	HLA 6-0147-12-9-3b

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0





### 8.18\_RSE\_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 9538 (fc = 1907.6 MHz)  
 Environmental Conditions: Humidity: 49%rH; Temperature: 20°C  
 Operator: HLa

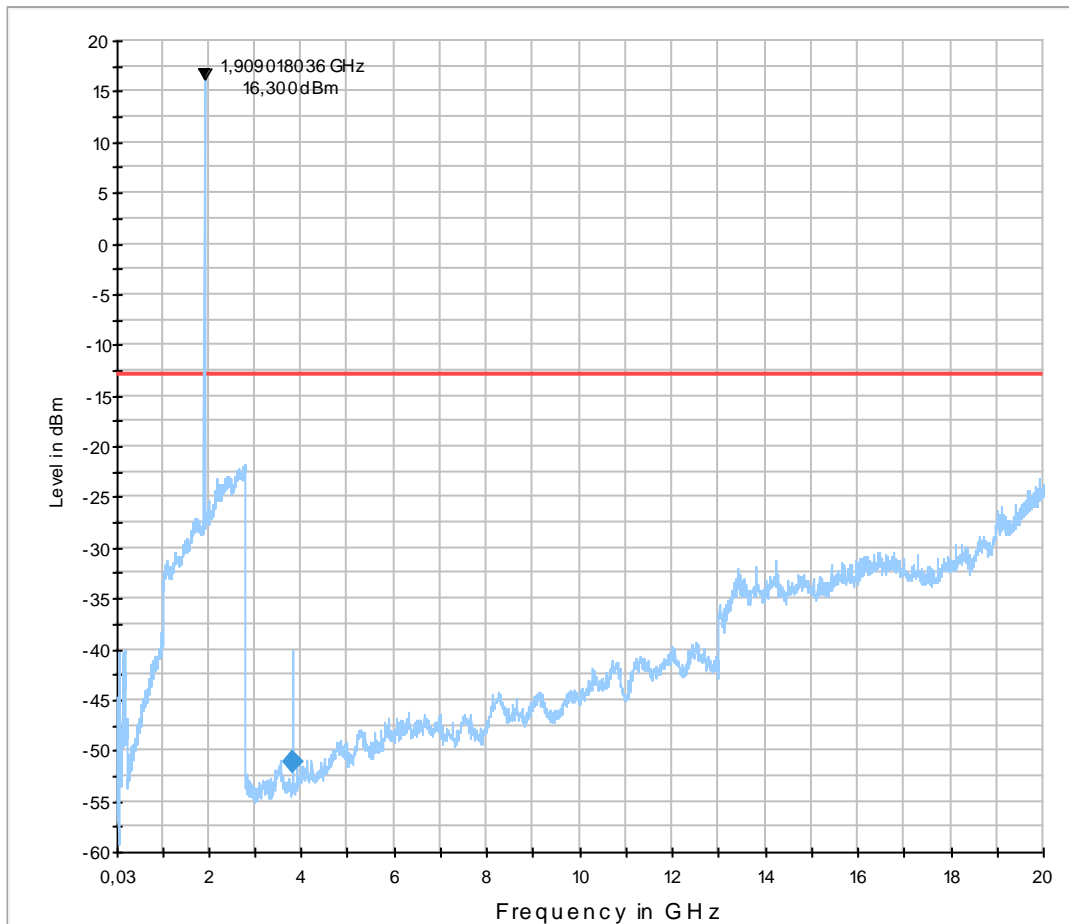
#### EUT Information

EUT Name: EHS5-US  
 Manufacturer: Cinterion  
 Serial Number: 004401080756915  
 Hardware Rev: B2 rev.3  
 Software Rev: 00.207  
 Comment: Interface R232  
 Accessories: Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

#### Final Result 1

Frequency (MHz)	MaxPeak (dBm)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)	Limit (dBm)
3817.344690	-51.1	10000.0	1000.000	H	41.0	90.0	-95.1	38.1	-13.0

030414\_FCC\_Part24\_UMTS-FDDII\_TX\_all\_channels\_30M-25G



## 1.4.2. Band-Edge FDD II mode (RMC99)

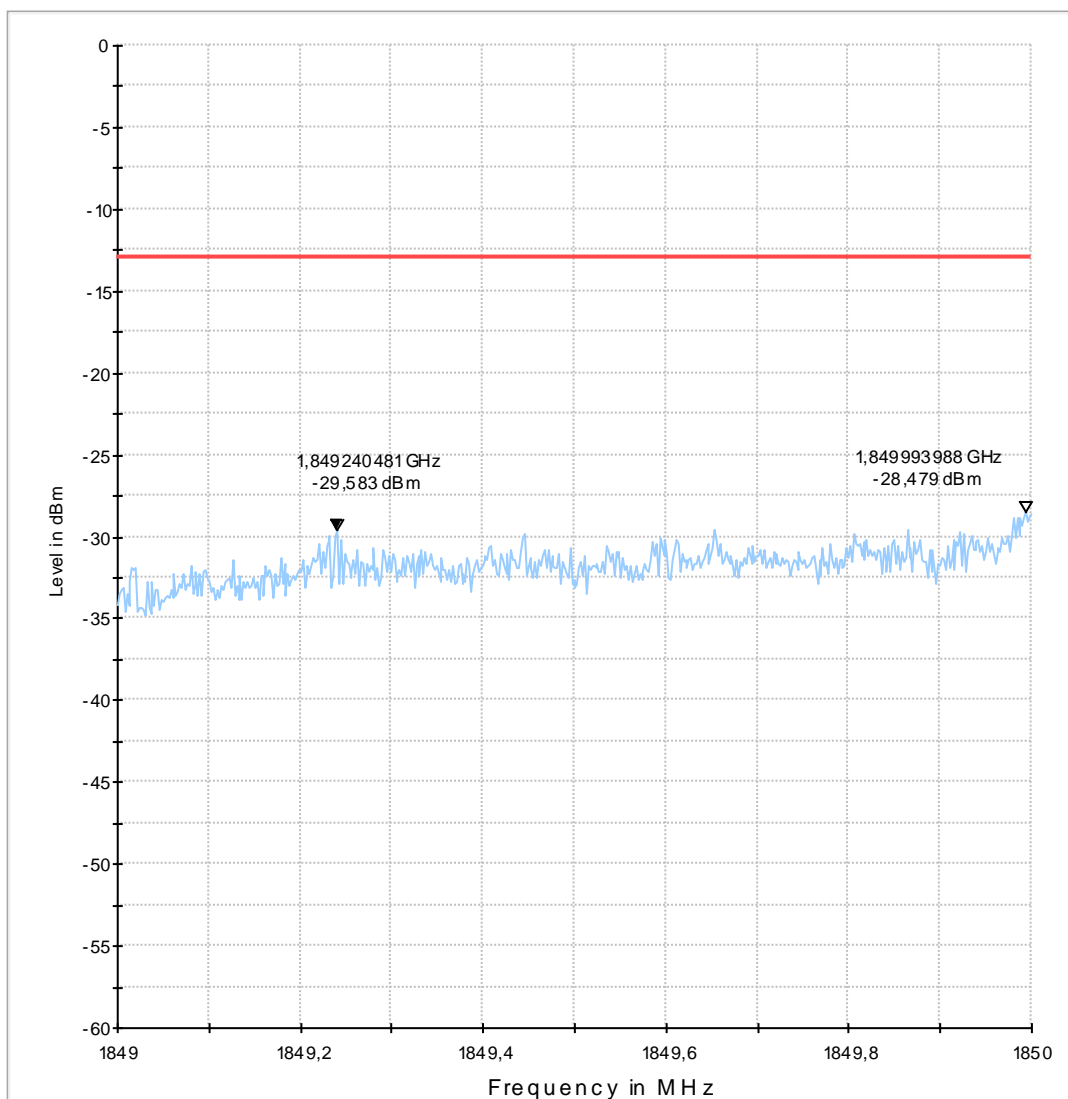
**8.16\_BE\_RMC****Common Information**

Test Description:	Radiated Band Edge Compliance FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	UE allocated channel 9262 (fc = 1852.4 MHz), RMC
Environmental Conditions:	Humidity: 49%rH; Temperature: 20°C
Operator:	HLA

**EUT Information**

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

030415\_FCC\_Part24\_UMTS-FDDII\_TX\_low\_channel\_band\_edge



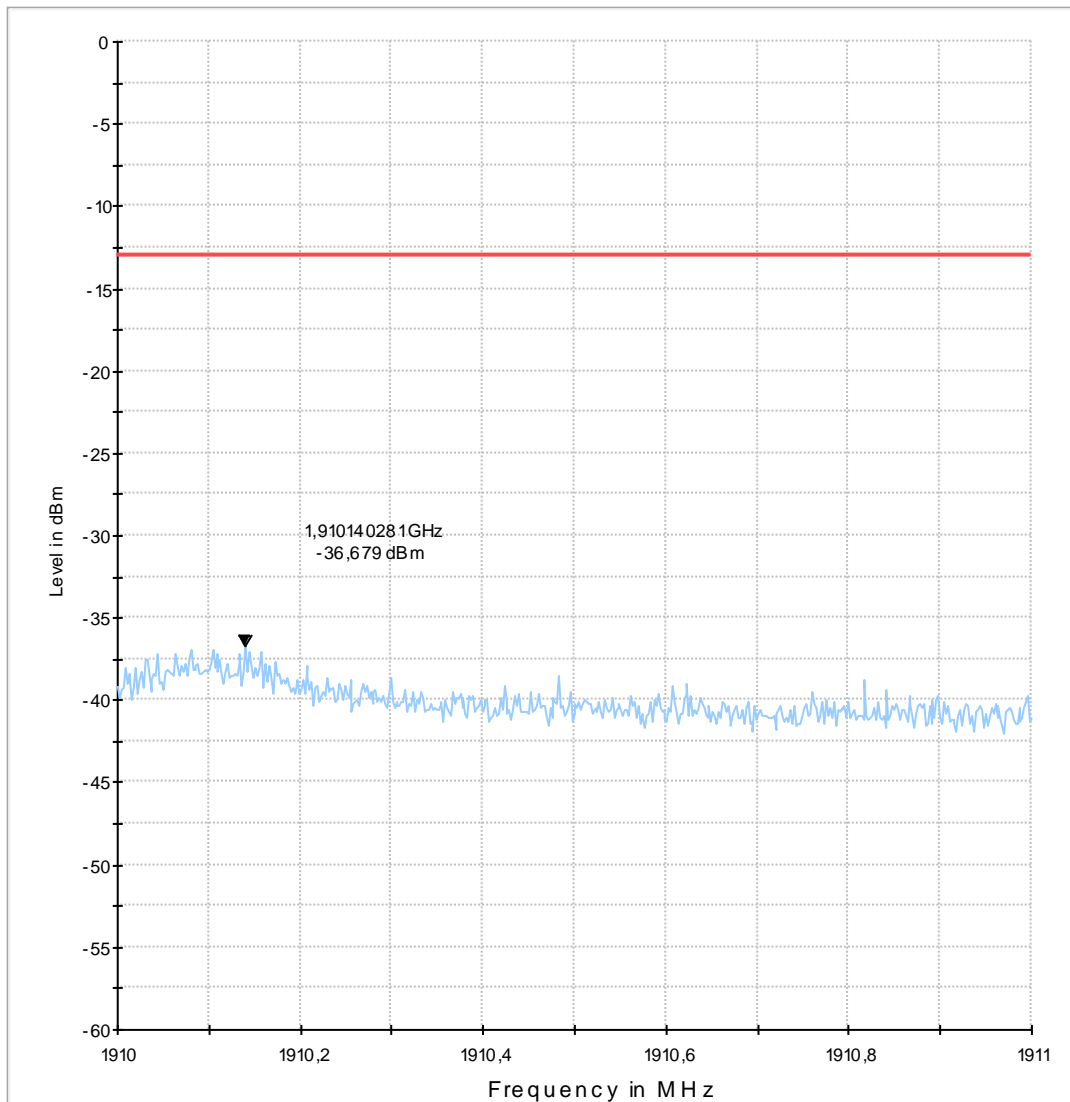
### 8.18\_FDDII\_BE\_RMC

#### Common Information

Test Description:	Radiated Band Edge Compliance FDDII
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 24
Operating Mode:	UE allocated channel 9538 (fc = 1907.6 MHz), RMC
Environmental Conditions:	Humidity: 69%rH; Temperature: 19°C
Operator:	YZH 6-0147-12-9-3b

#### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0



## 1.5. Spurious emissions radiated ( $30 \text{ MHz} < f < 9 \text{ GHz}$ )

### 1.5.1. FDD V mode (RMC99)

## 8.10\_RSE\_RMC

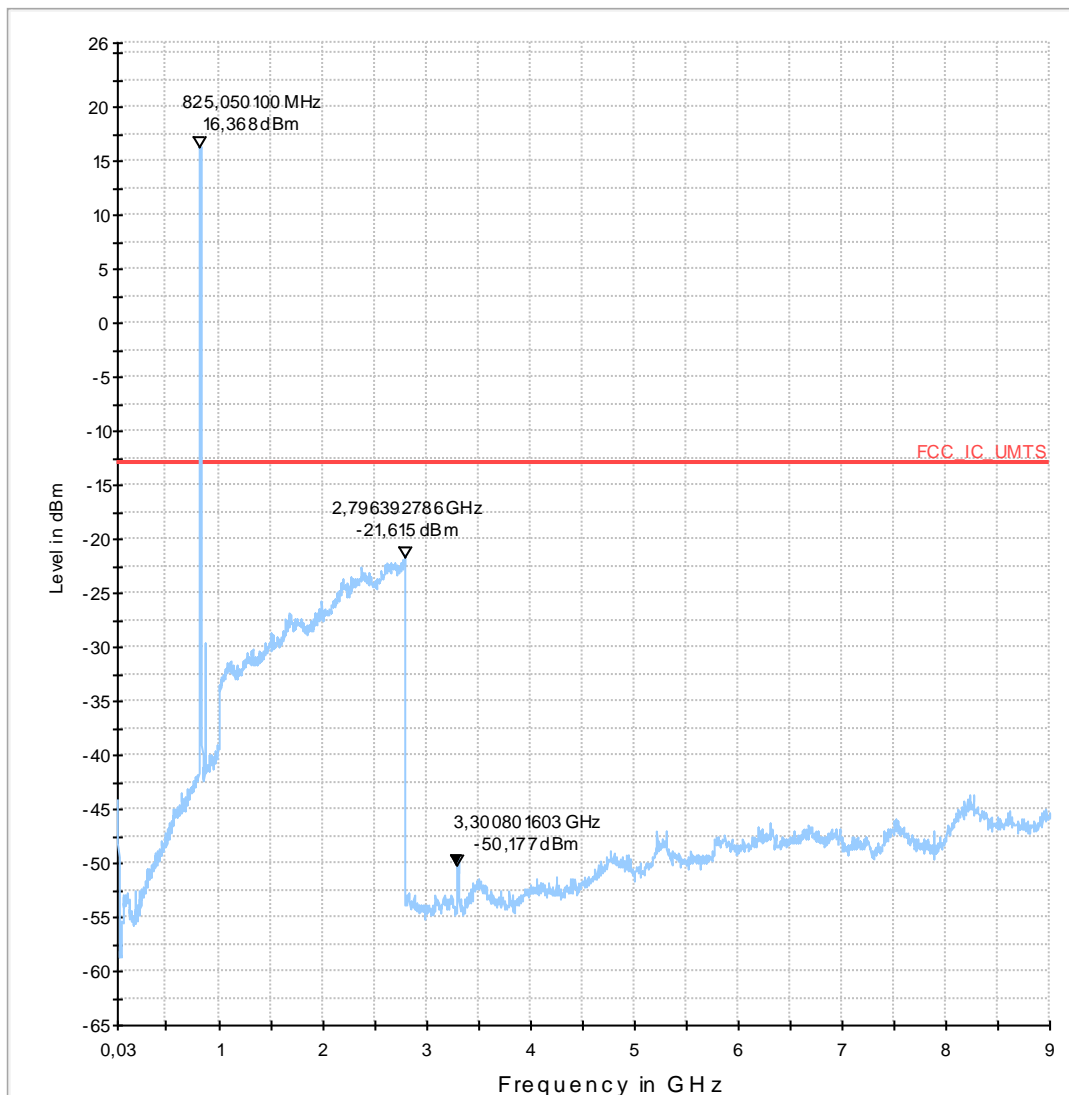
### Common Information

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 4133 ( $f_c = 826.6 \text{ MHz}$ ), RSE
Environmental Conditions:	Humidity: 61%rH; Temperature: 19°C
Operator:	HLa

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232, Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

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



## 8.11\_RSE\_RMC

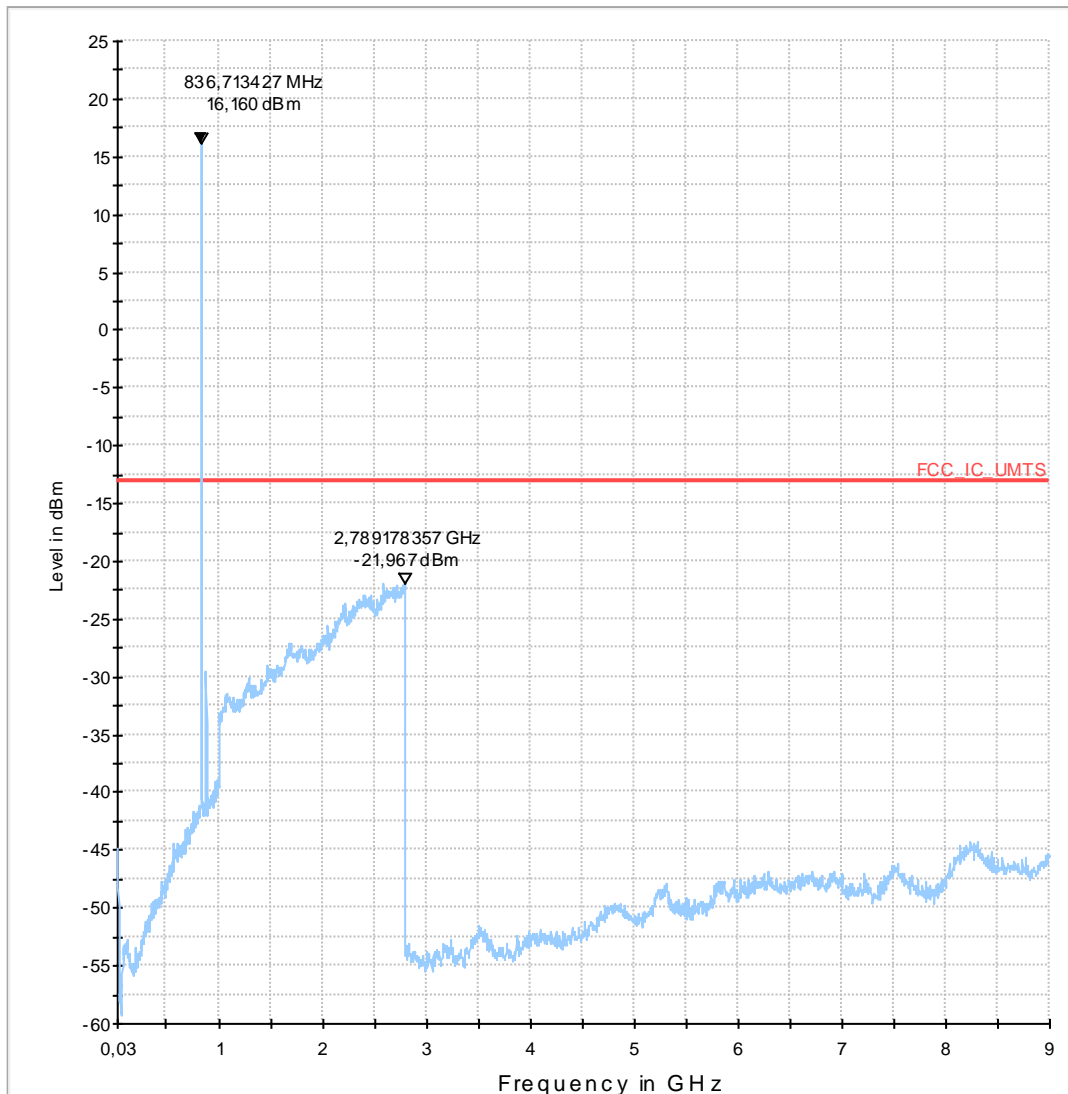
### Common Information

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 4182 (fc = 836.4 MHz), RMC
Environmental Conditions:	Humidity: 61%rH; Temperature: 19°C
Operator:	HLa

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

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



## 8.12\_RSE\_RMC

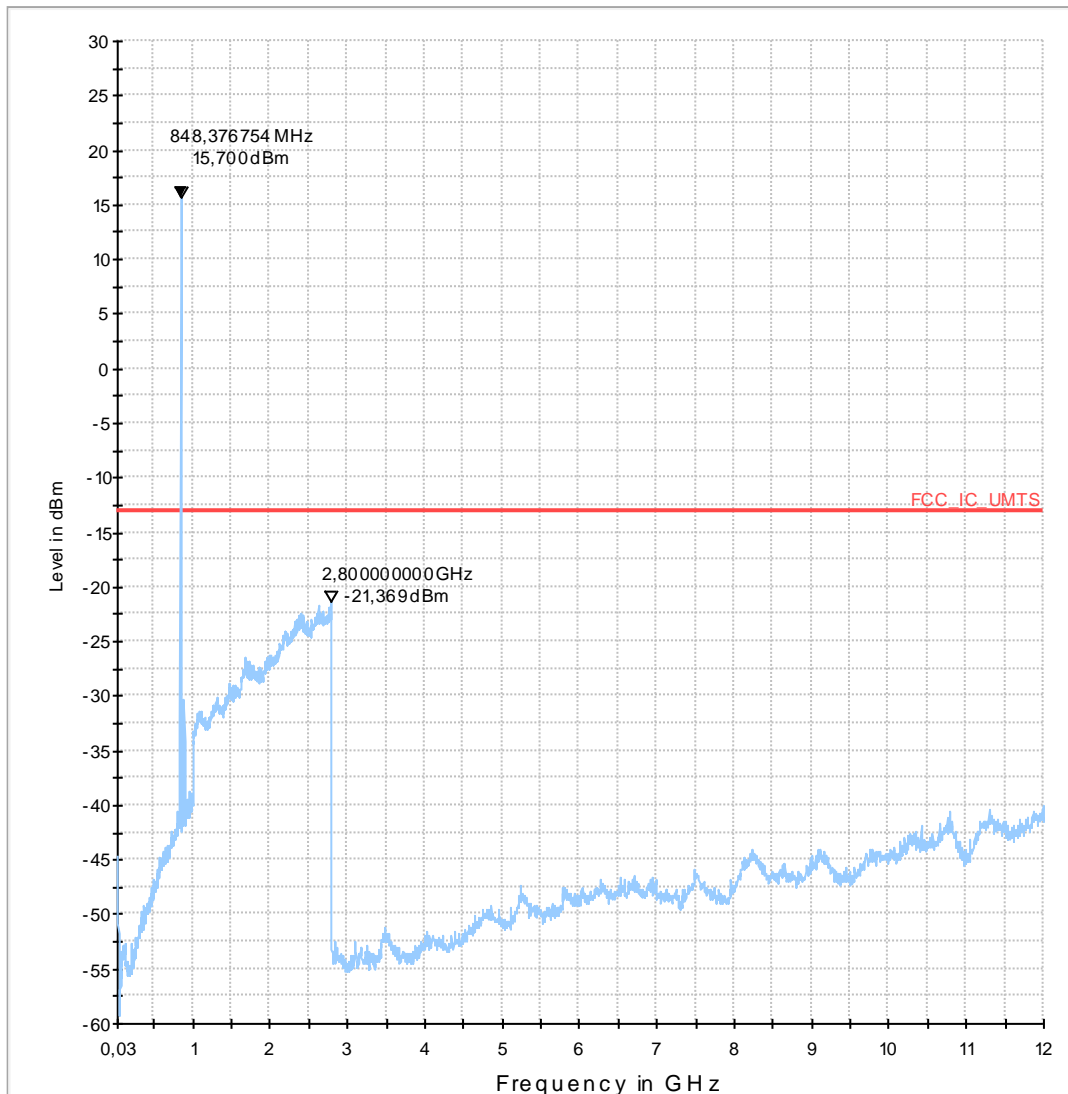
### Common Information

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 = 846.6 MHz), RMC
Environmental Conditions:	Humidity: 61%rH; Temperature: 19°C
Operator:	HLa

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

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



1.5.2. Band-Edge FDD V mode (RMC99)

### 8.10\_BE\_RMC

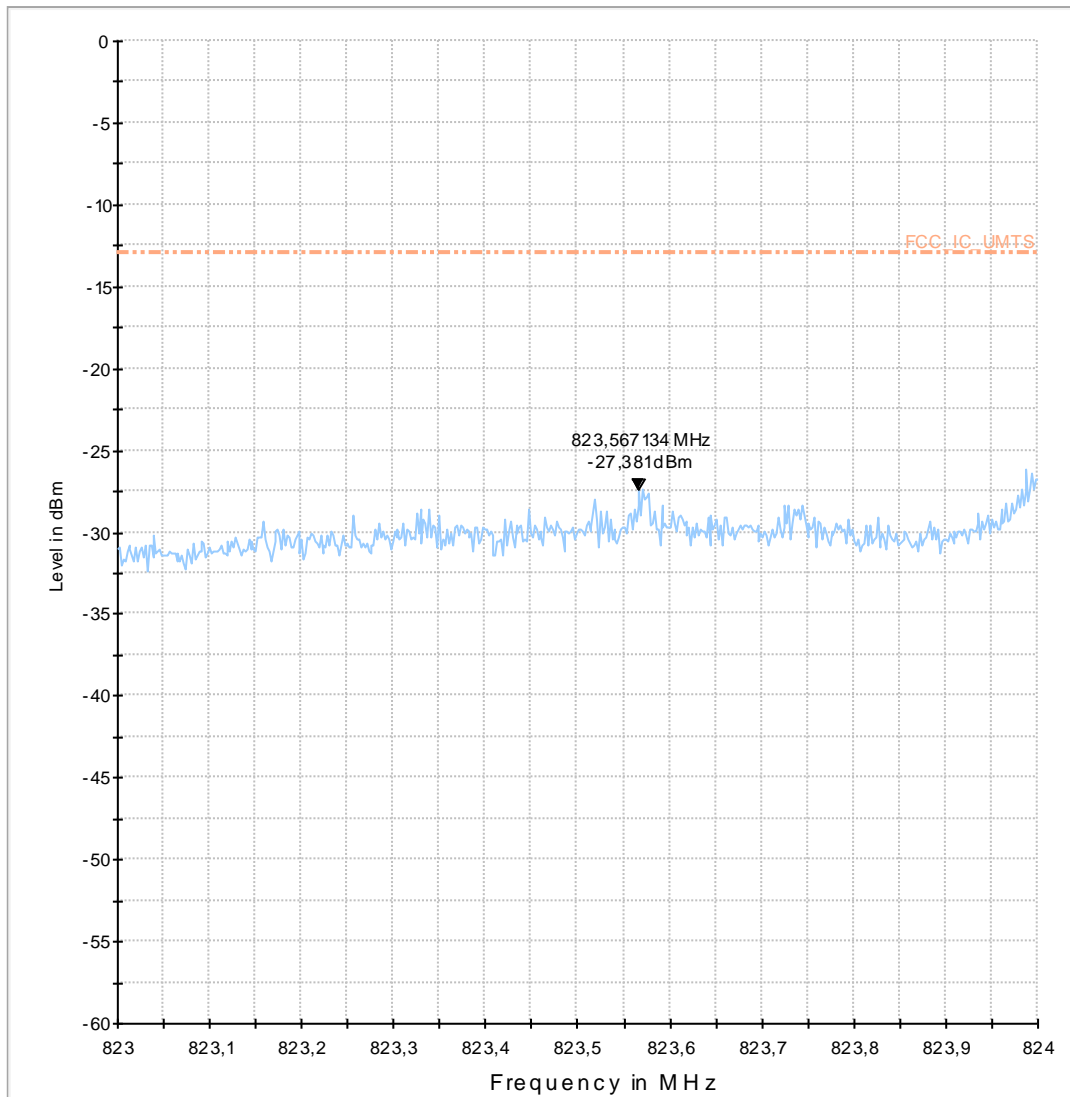
**Common Information**

Test Description:	Radiated Band Edge Compliance 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 4133 (fc = 826.6 MHz),RMC
Environmental Conditions:	Humidity: 61%rH; Temperature: 19°C
Operator:	HLA

**EUT Information**

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

030412\_FCC\_Part22\_UMTS-FDDV\_TX\_low\_channel\_band\_edge



## 8.12\_BE\_RMC

### Common Information

Test Description:	Radiated Band Edge Compliance 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 = 846.6 MHz), RMC
Environmental Conditions:	Humidity: 61%rH; Temperature: 19°C
Operator:	HLA

### EUT Information

EUT Name:	EHS5-US
Manufacturer:	Cinterion
Serial Number:	004401080756915
Hardware Rev:	B2 rev.3
Software Rev:	00.207
Comment:	Interface R232
Accessories:	Power supply (12V DC), Data/Voice transmission via RS232 , Mounting Ant. 1140.26 SMA, Handset HH-SI30.3/v3.0/0

030413\_FCC\_Part22\_UMTS-FDDV\_TX\_high\_channel\_band\_edge

