

Annex 1: Measurement diagrams to  
**PARTIAL TEST REPORT**  
 No.: 17-1-0221001T23a

According to:  
**FCC Regulations**  
 Part 15.205 & Part 15.209  
 Part 15.247







**ISED-Regulations**  
 RSS-Gen, Issue 4  
 RSS-247, Issue 2

for

Actia Nordic AB

Telematic Device  
 ACUII-06

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

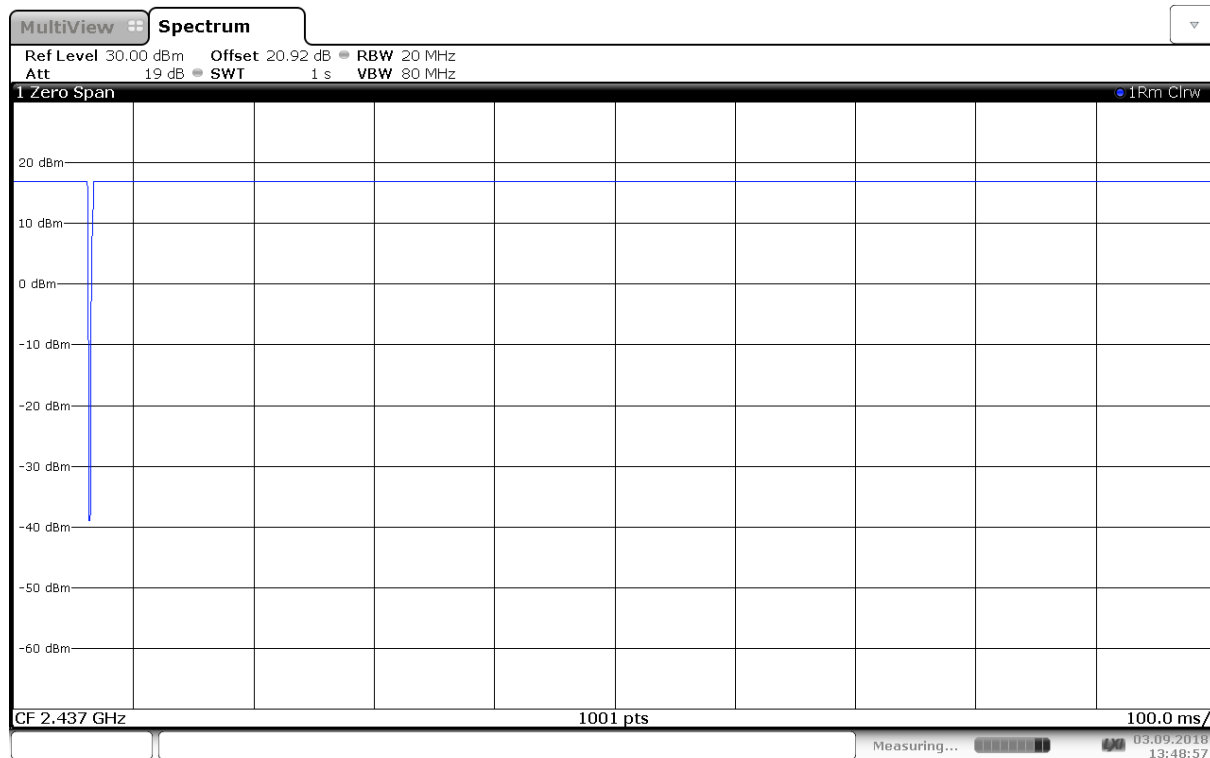
Laboratory Accreditation and Listings		
 <p>Accredited EMC-Test Laboratory</p>	 <p>Industry Canada            Reg. No.: 3462D-1            Reg. No.: 3462D-2            Reg. No.: 3462D-3</p>	 <p>Voluntary Controls for Electromagnetic Emissions            Reg. No.:            R-4452, C-20009,            T-20006, G-20013</p>
 <p>AUTHORIZED            RF LABORATORY</p>	 <p>Lab Code: 20011130-00</p>	 <p>MRA US-EU 0003</p>
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<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>		

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# 1. Measurement diagrams

## 1.1. Duty Cycle



13:48:57 03.09.2018

## 1.2. Conducted output power

Worst Case channel6			
	Worst Case datenrate	PEAK _max peak pwr in dBm	SW PWR Setting
bmode	1	20,49	17
gmode	6	17,84	13
nmode	MCS0_6,5	17,74	13

### 1.3. Radiated magnetic field measurements below 30 MHz

#### 2.01a\_b-mode\_1mbit\_CH6\_PWR17

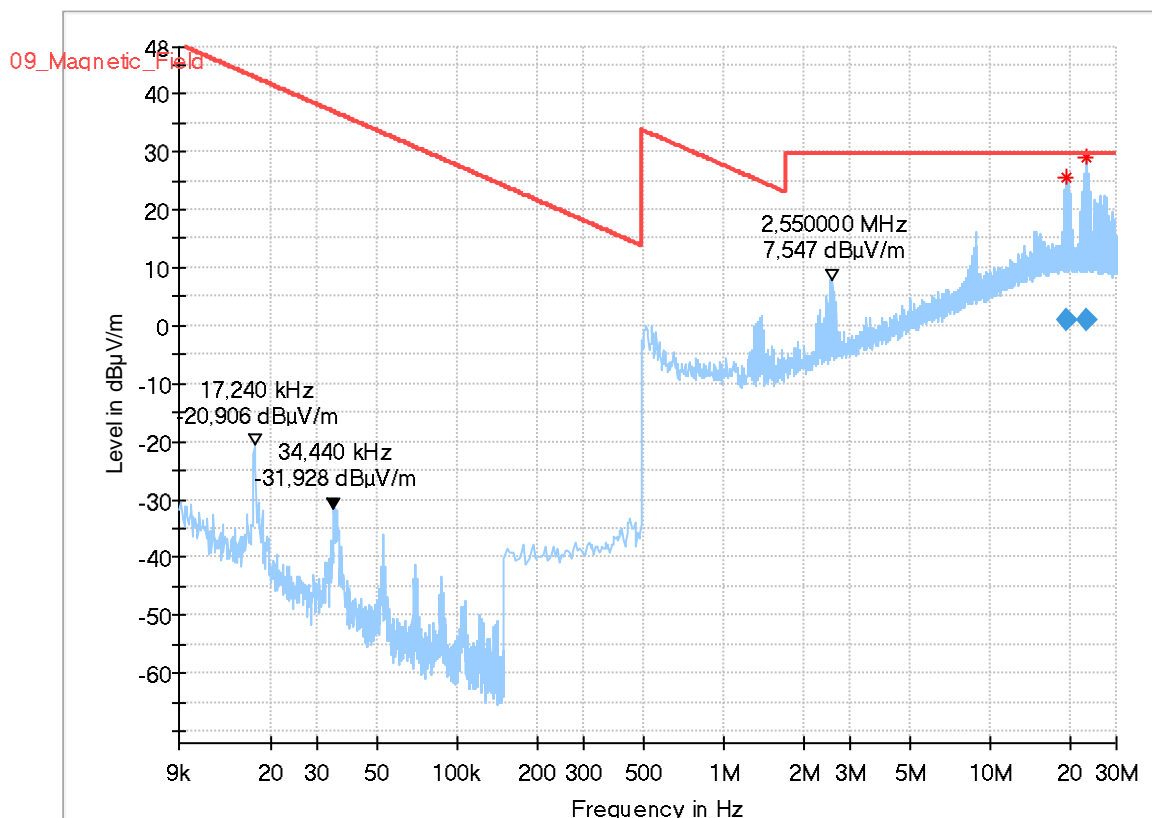
##### Common Information

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
Test specification.:	FCC 15.209
Operator:	MBe
Operating conditions:	bmode 1mbit channel 6[2437] Power 17 standing
Power during tests:	13,8V DC
Comment 1:	EUT standing

##### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 2.01b\_b-mode\_1mbit\_CH6\_PWR17

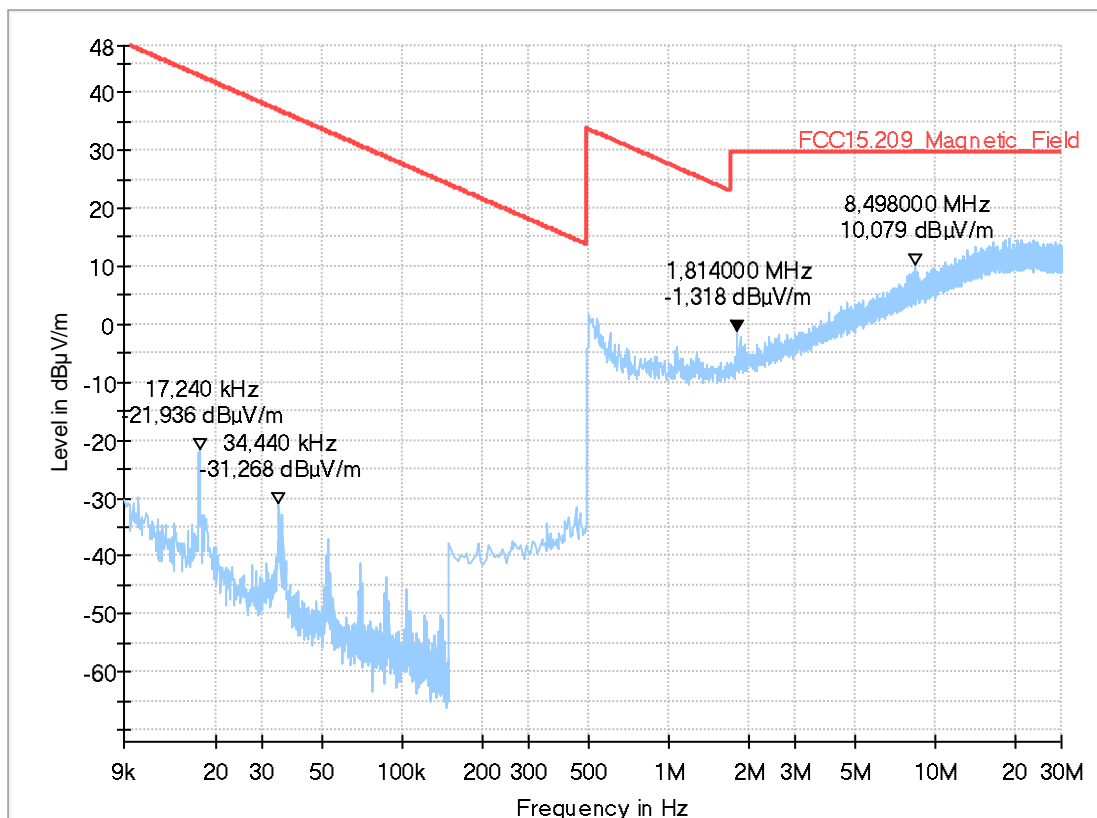
### Common Information

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
Test specification.:	FCC 15.209
Operator:	MBe
Operating conditions:	bmode 1mbit channel 6[2437] Power 17 laying
Power during tests:	13,8V DC
Comment 1:	EUT laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 2.02a\_g-mode\_6mbit\_CH6\_PWR13

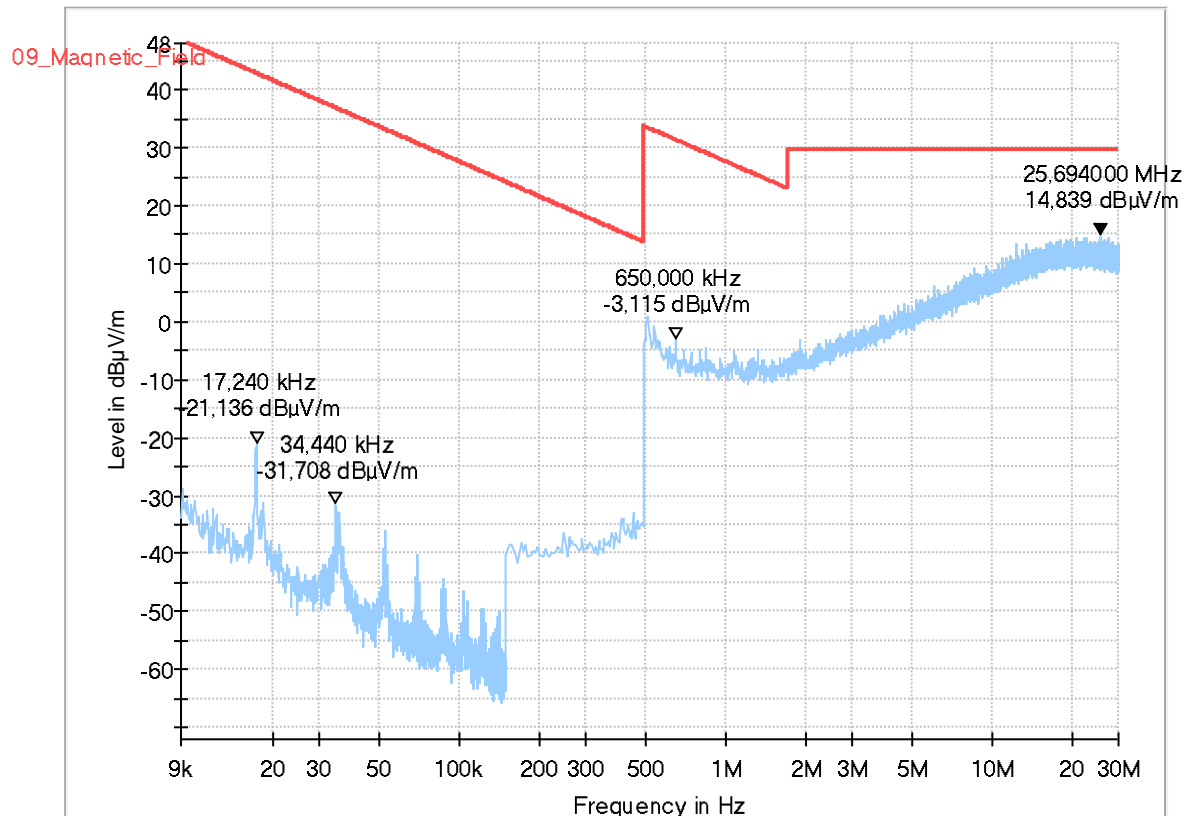
### Common Information

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
Test specification.:	FCC 15.209
Operator:	MBe
Operating conditions:	gmode 6mbit channel 6[2437] Power 13 standing
Power during tests:	13,8V DC
Comment 1:	EUT standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 2.02b\_g-mode\_6mbit\_CH6\_PWR13\_Laying

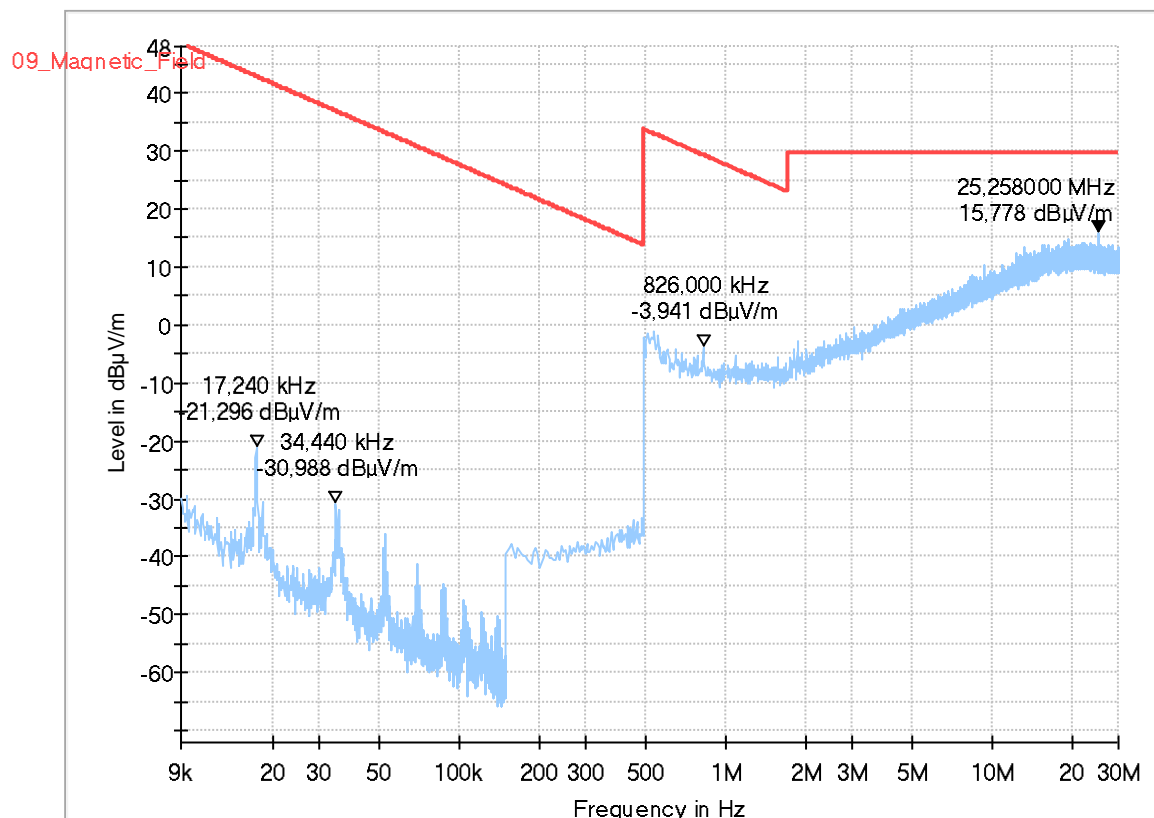
### Common Information

	08.06.2018 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
Test specification.:	FCC 15.209
Operator:	MBe
Operating conditions:	gmode 6mbit channel 6 [2437] Power 13 laying
Power during tests:	13,8V DC
Comment 1:	EUT laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 2.03a\_n-mode\_MCS0\_CH6\_PWR13

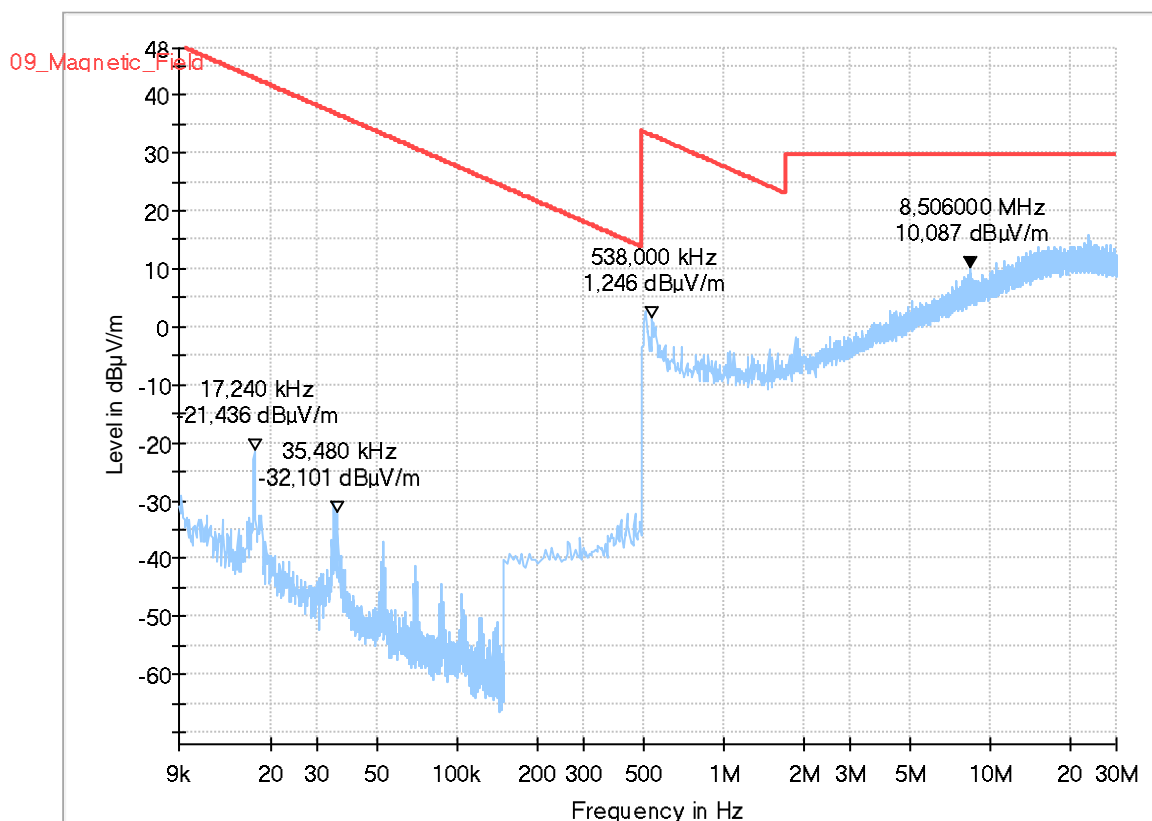
### Common Information

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
Test specification.:	FCC 15.209
Operator:	MBe
Operating conditions:	nmode MCS0 channel 6[2437] Power 13 standing
Power during tests:	13,8V DC
Comment 1:	EUT standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum





## 2.03b\_n-mode\_MCS0\_CH6\_PWR13-Laying

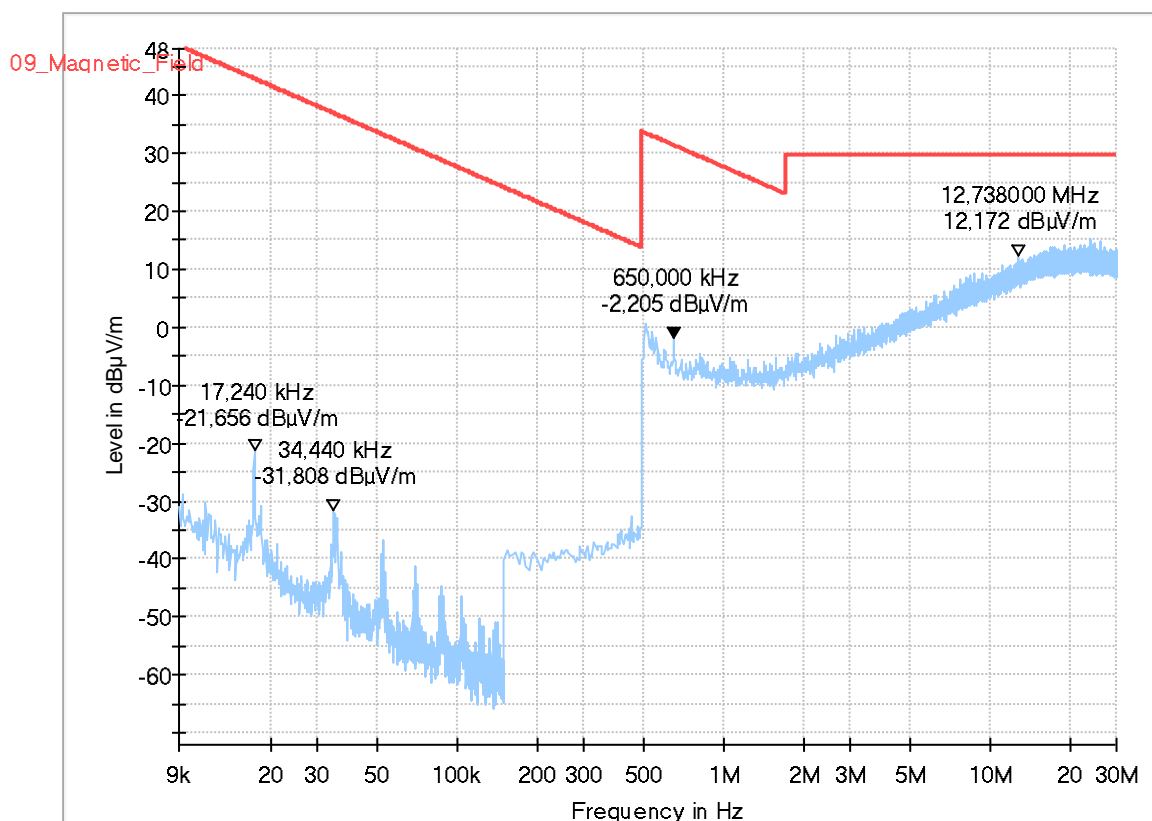
### Common Information

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
Test specification.:	FCC 15.209
Operator:	MBe
Operating conditions:	nmode MCS0 channel 6[2437 Power 13 laying
Power during tests:	13,8V DC
Comment 1:	EUT laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 1.4. Radiated electric field measurements above 30 MHz

### 3.01a\_b-mode\_1mbit\_CH6\_PWR17

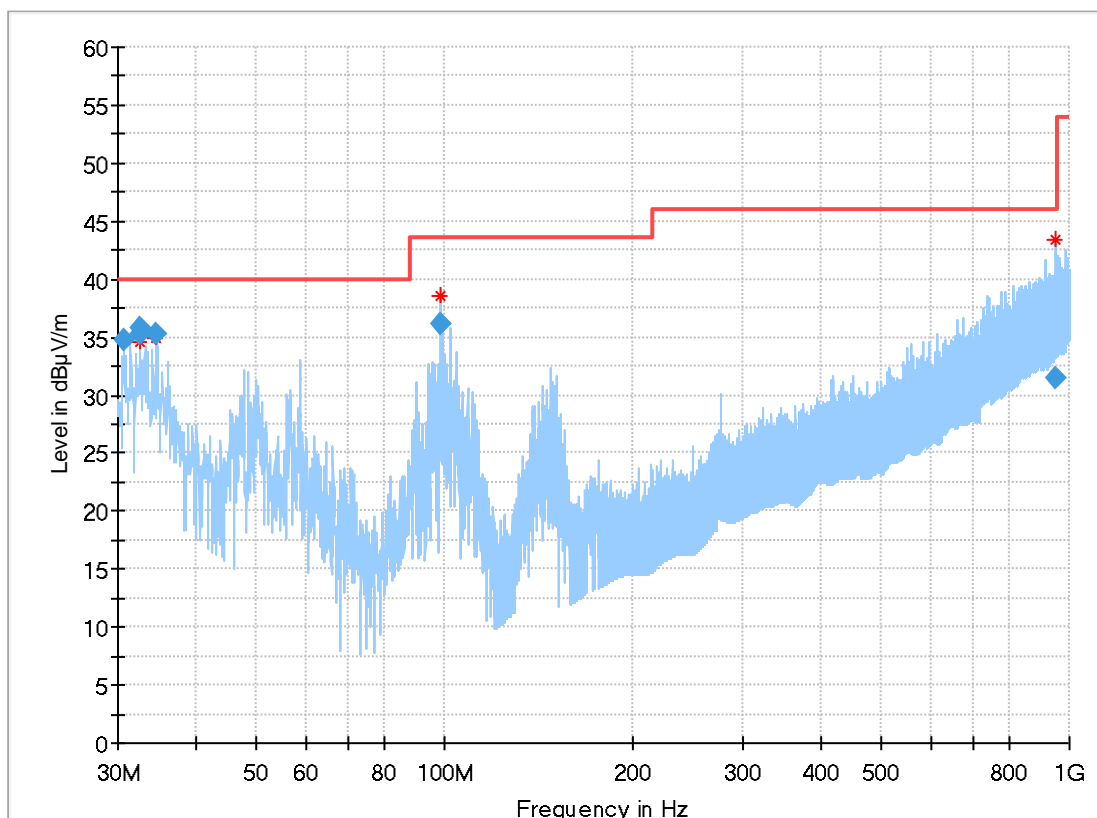
#### Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Test specification.:	FCC 15.109 Class B; RSS-Gen. Issue 4
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operator	DLe
Operating Mode	bmode 1mbit channel 6 2437 Power 17 standing
Comment 1:	Power: 13,85V DC

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr (dB)
30.600000	34.80	40.00	120.000	360.0	V	152.0	21.3
32.590000	35.20	40.00	120.000	109.0	H	153.0	20.4
32.600000	35.80	40.00	120.000	134.0	H	171.0	20.4
34.630000	35.22	40.00	120.000	310.0	H	180.0	19.4
950.080000	31.42	46.00	120.000	329.0	H	206.0	27.2

### 3.01b\_b-mode\_1mbit\_CH6\_PWR17

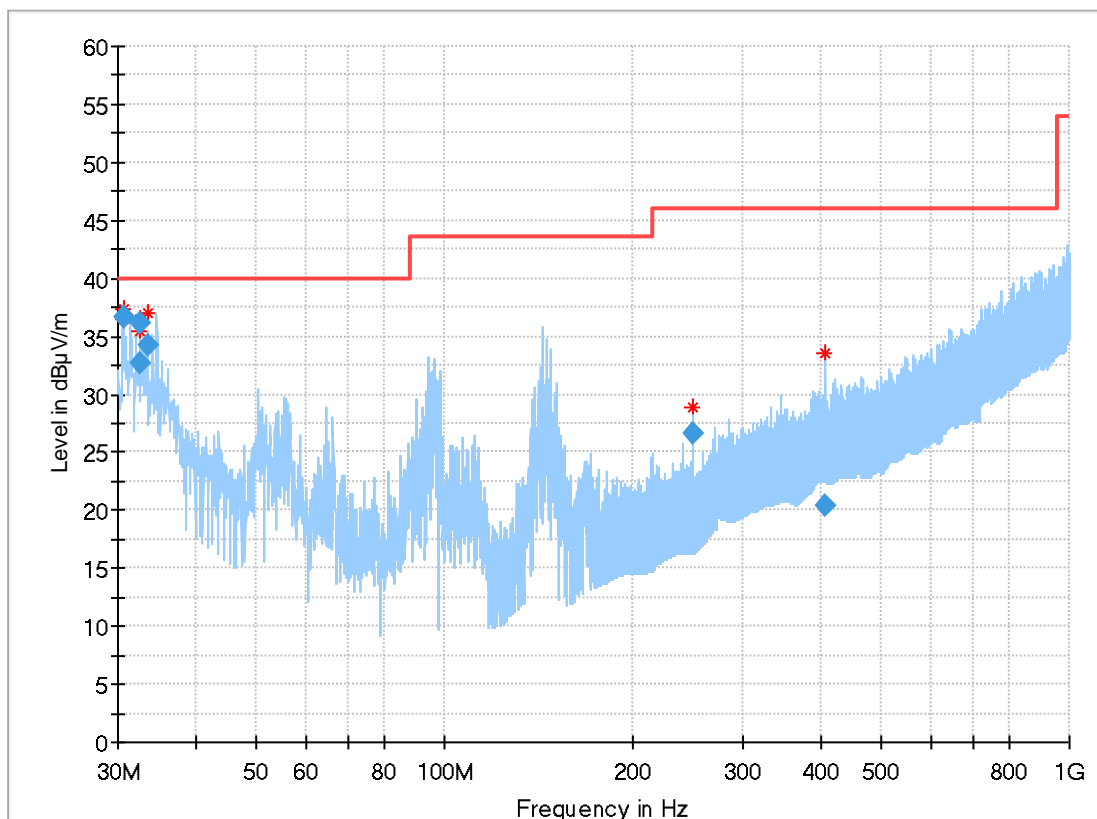
#### Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Test specification.:	FCC 15.109 Class B; RSS-Gen. Issue 4
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operator	DLe
Operating Mode	bmode 1mbit channel 6[2437] Power 17 laying
Comment 1:	Power: 13,85V DC

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.63000	36.66	40.00	120.000	185.0	H	132.0	21.3
30.64000	36.60	40.00	120.000	156.0	H	145.0	21.2
32.56000	32.70	40.00	120.000	125.0	H	186.0	20.4
32.60000	36.06	40.00	120.000	134.0	H	151.0	20.4
249.990	26.61	46.00	120.000	105.0	H	93.0	13.0
407.180	20.42	46.00	120.000	105.0	V	283.0	18.6

### 3.02a\_g-mode\_6mbit\_CH6\_PWR13\_

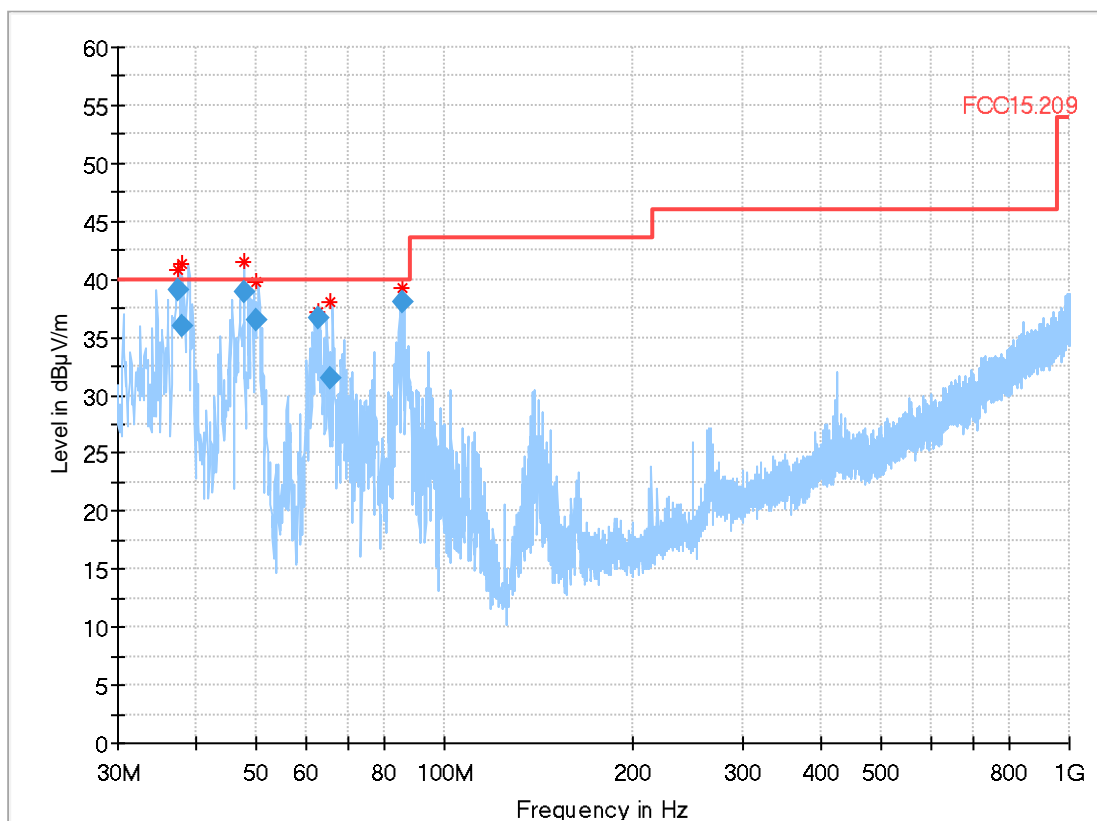
#### Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operator:	SLo
Operating conditions:	gmode 6mbit channel 6[2437] Power 13 standing
Comment:	DUT is standing

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.360000	39.04	40.00	0.96	1000.0	120.000	242.0	H	21.0	18.2
38.070000	35.93	40.00	4.07	1000.0	120.000	199.0	H	12.0	17.9
47.800000	38.85	40.00	1.15	1000.0	120.000	105.0	V	41.0	13.8
49.840000	36.45	40.00	3.55	1000.0	120.000	109.0	V	0.0	13.0
62.750000	36.67	40.00	3.33	1000.0	120.000	242.0	V	21.0	7.9
65.760000	31.54	40.00	8.46	1000.0	120.000	153.0	V	19.0	7.0
85.540000	38.03	40.00	1.97	1000.0	120.000	109.0	V	0.0	7.9

### 3.02b\_g-mode\_6mbit\_CH6\_PWR13

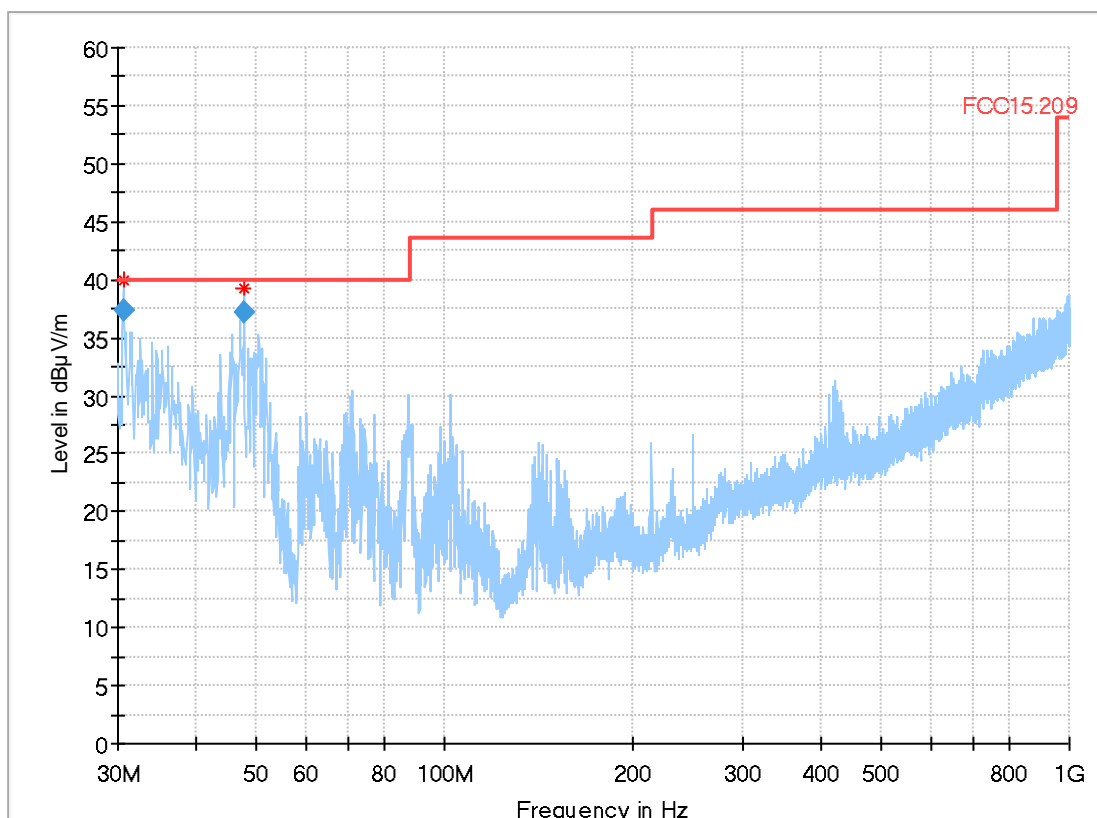
#### Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Test specification.:	FCC 15.209; RSS-Gen: Issue 3
Operator:	SLo
Operating conditions:	gmode 6mbit channel 6 [2437] Power 13 laying
Comment:	DUT is laying

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



#### Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.640000	37.40	40.00	2.60	1000.0	120.000	352.0	H	214.0	21.2
47.800000	37.13	40.00	2.87	1000.0	120.000	105.0	V	312.0	13.8

### 3.03a\_n-mode\_MCS0\_CH6\_PWR13

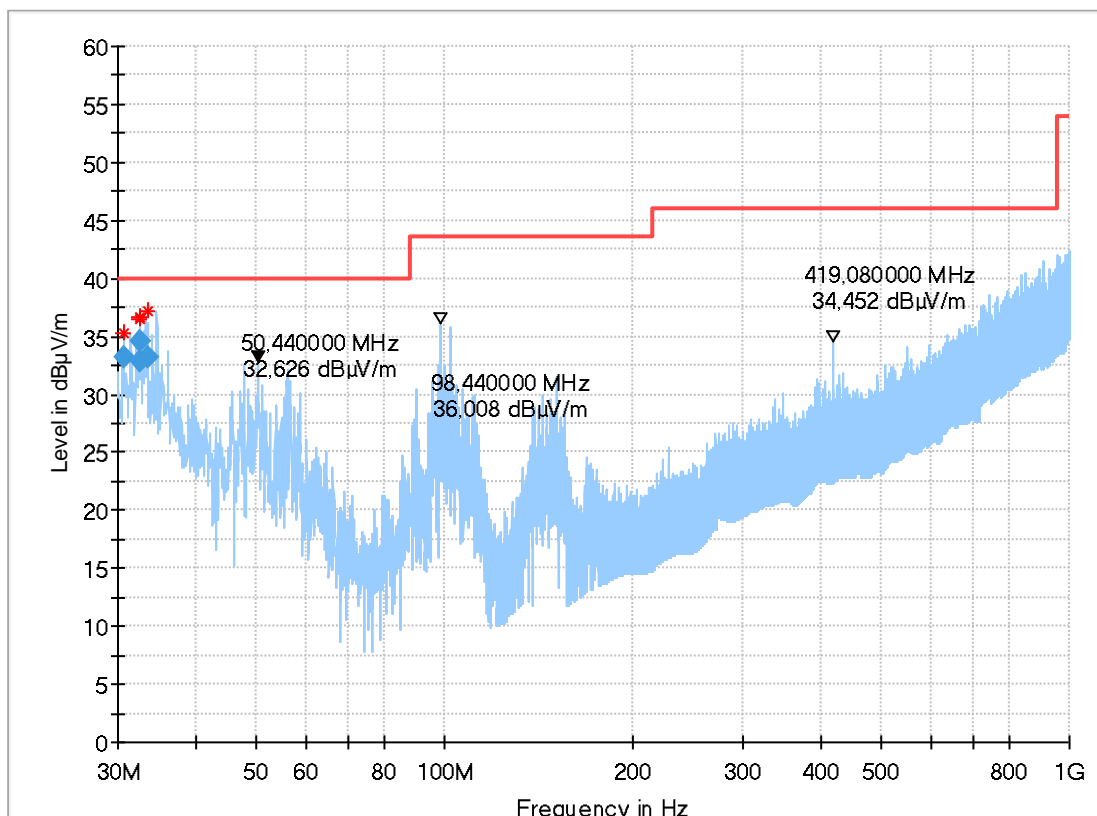
#### Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Test specification.:	FCC 15.109 Class B; RSS-Gen. Issue 4
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operator	DLe
Operating Mode	nmode MCS0 channel 6[2437] Power 13 standing
Comment 1:	Power: 13,85V DC

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr (dB)
30.61000	33.26	40.00	120.000	122.0	H	121.0	21.3
32.57000	34.63	40.00	120.000	132.0	H	169.0	20.4
32.58000	32.79	40.00	120.000	160.0	H	113.0	20.4
33.47000	33.25	40.00	120.000	105.0	H	265.0	19.9

### 3.03b\_n-mode\_MCS0\_CH6\_PWR13

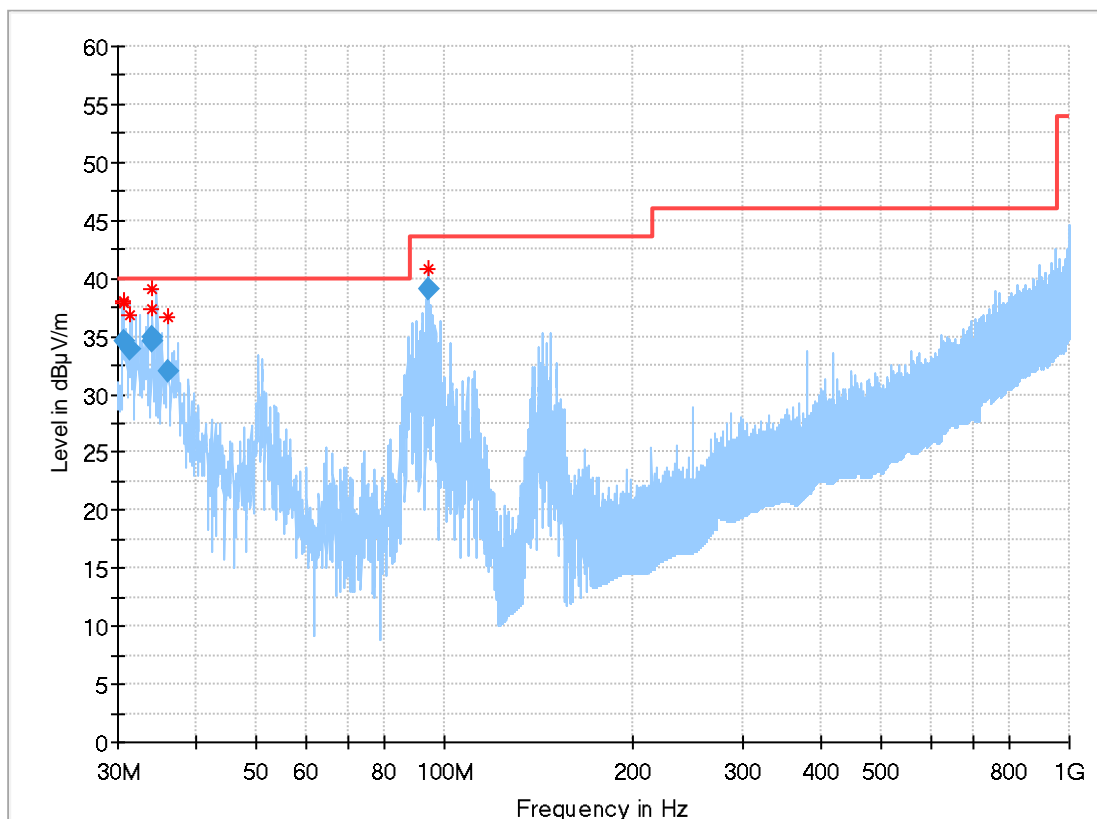
#### Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Test specification.:	FCC 15.109 Class B; RSS-Gen. Issue 4
Operating conditions:	Humidity: 48%rH; Temperature: 20°C
Operator	DLe
Operating Mode	nmode MCS0 channel 6 2437 Power 13 laying
Comment 1:	Power: 13,85V DC

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr (dB)
30.64000	34.55	40.00	120.000	313.0	H	231.0	21.2
31.42000	33.97	40.00	120.000	126.0	H	188.0	20.9
34.07000	34.55	40.00	120.000	114.0	H	153.0	19.6
34.10000	34.95	40.00	120.000	113.0	H	169.0	19.6
36.12000	32.04	40.00	120.000	149.0	H	111.0	18.8
94.38000	39.09	43.50	120.000	133.0	V	189.0	8.2

## 1.5. Radiated electric field measurement 1 GHz to 18 GHz

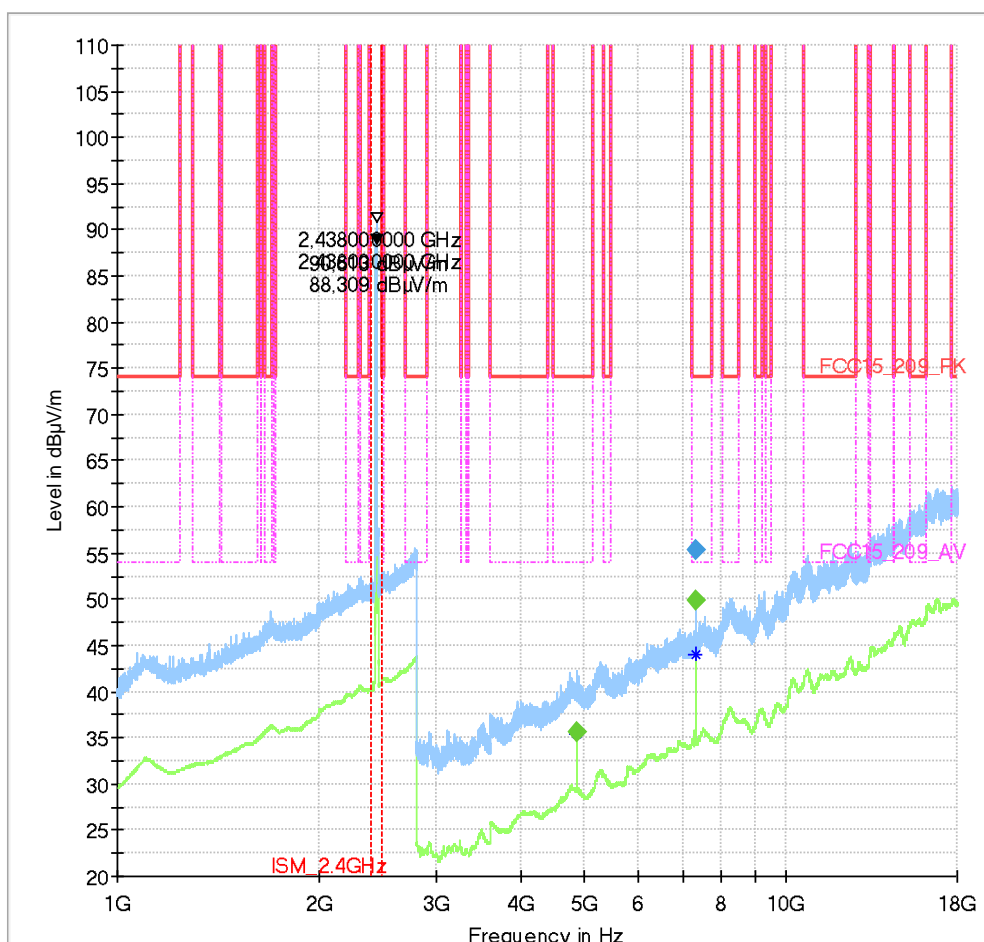
### 4.01a\_b-mode\_1mbit\_CH6\_PWR17\_laying

#### Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFR

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margi n (dB)	Meas . Time	Bandwid th (kHz)	Heigh t (cm)	Azimut h (deg)
4873.970000	---	35.56	54.00	18.44	100.0	1000.000	155.0	18.0
7310.370000	---	49.78	54.00	4.22	100.0	1000.000	155.0	307.0
7311.950000	55.40	---	74.00	18.60	100.0	1000.000	155.0	307.0



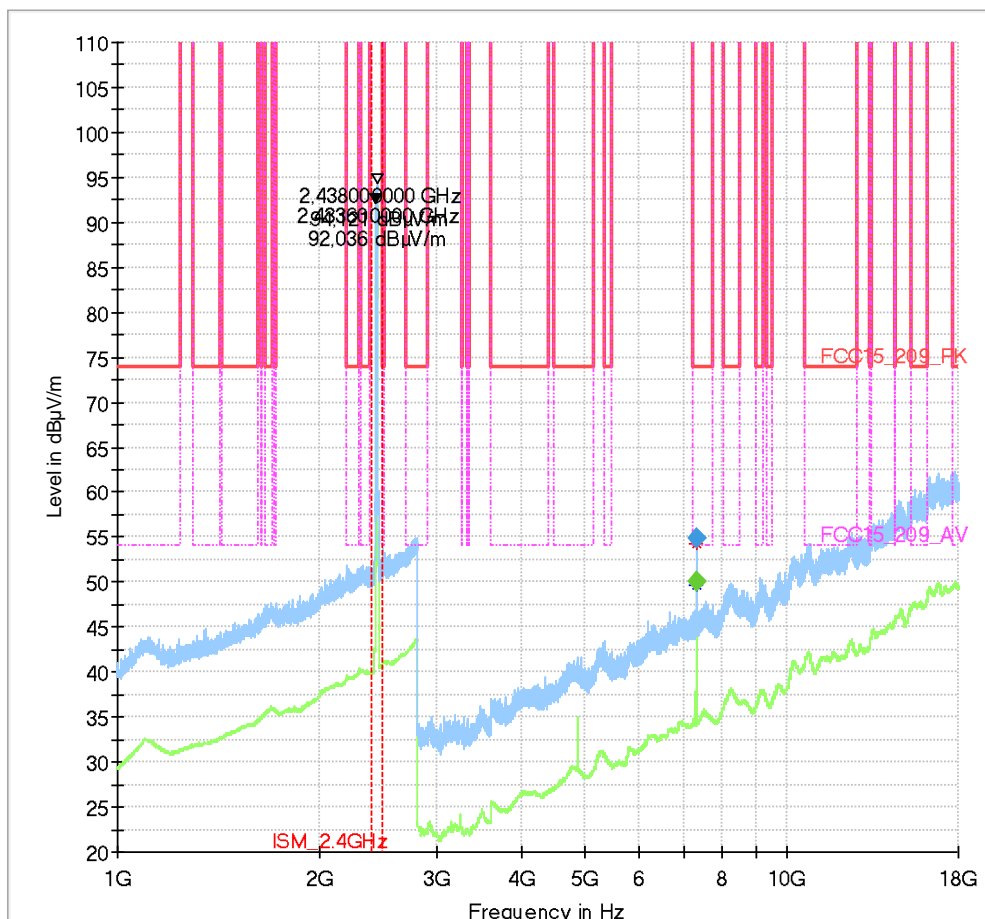
## 4.01b\_b-mode\_1mbit\_CH6\_PWR17

### Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	4.01b_b-mode_1mbit_CH6_PWR17
Operator Name:	SLo
Comment:	DUT is Standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC



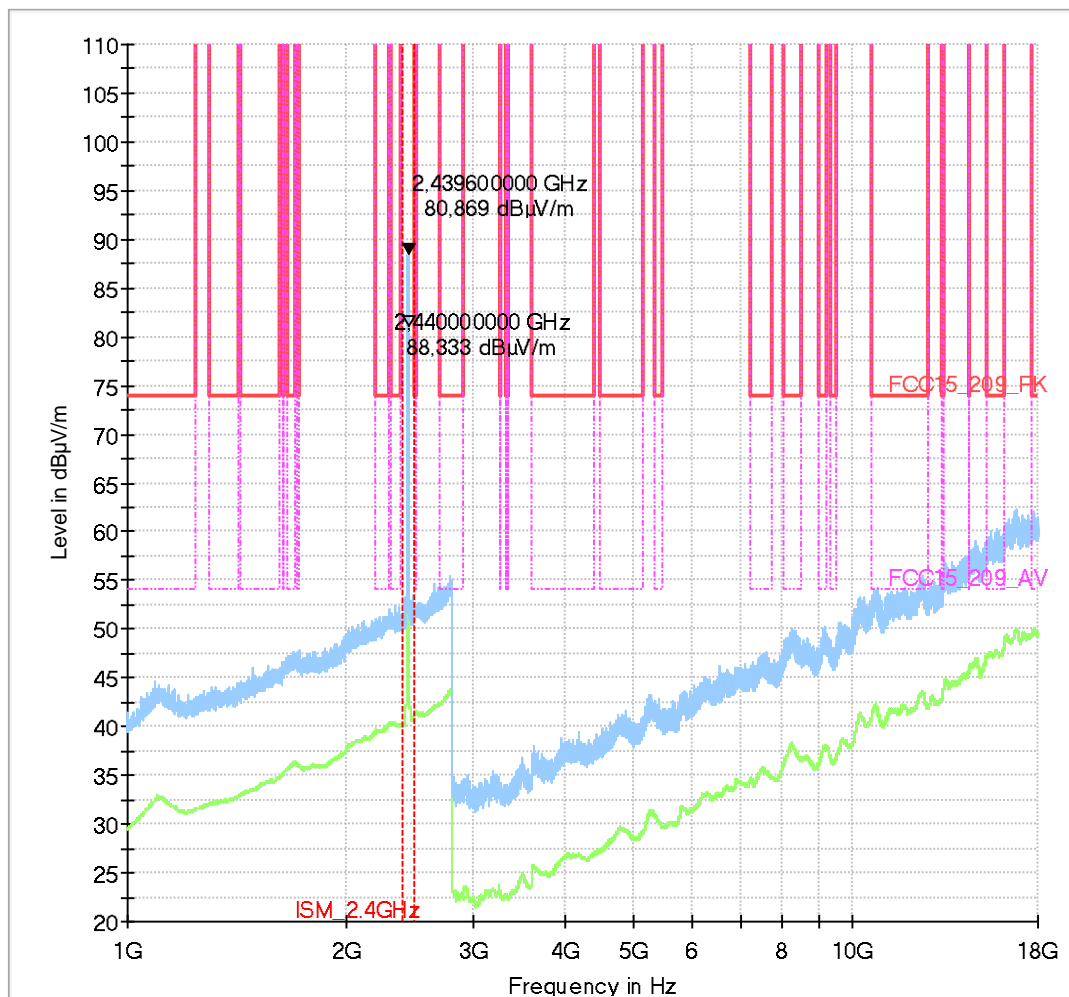
## 4.02a\_g-mode\_6mbit\_CH6\_PWR13\_laying

### Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	gmode 6mbit channel 6[2437] Power 13
Operator Name:	SLo
Comment:	DUT is Laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC



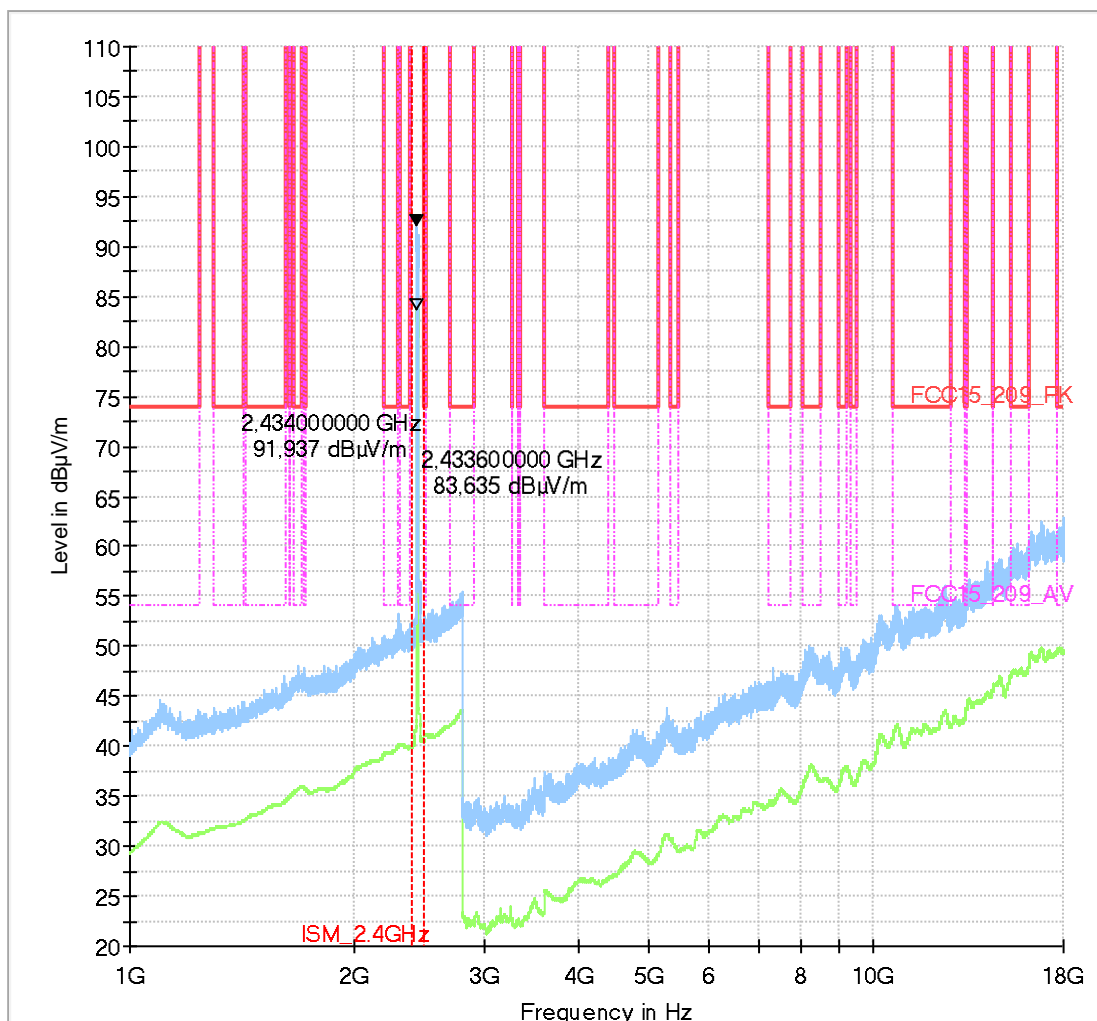
## 4.02b\_g-mode\_6mbit\_CH6\_PWR13\_standing

### Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Version of Testsoftware:	EMC32 V9.25.0
Antenna polarisation:	horizontal/vertical
Operation mode:	gmode 6mbit channel 6[2437] Power 13
Operator Name:	SLo
Comment:	DUT is Standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30198257
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC



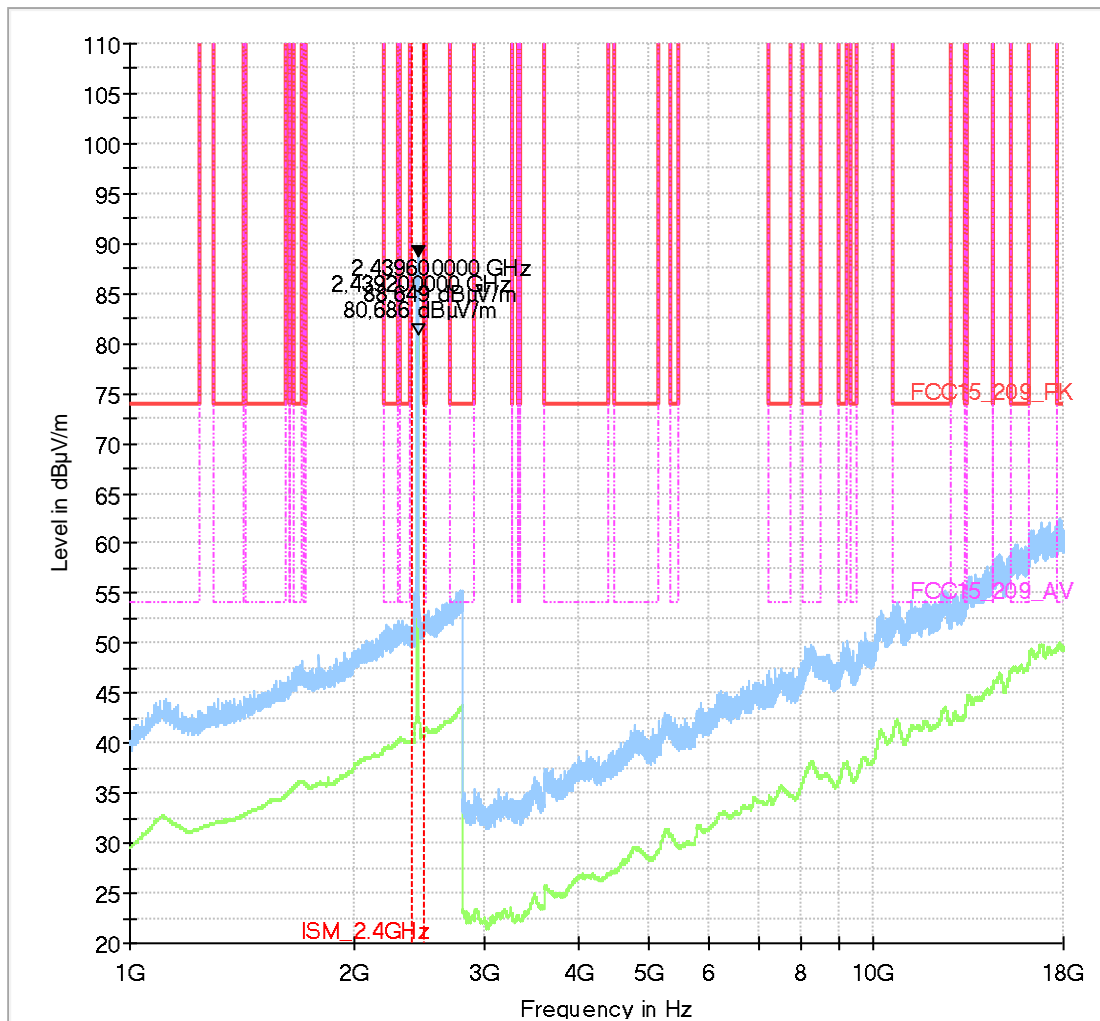
### 4.03a\_n-mode\_MCS0\_CH6\_PWR13\_laying

#### Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Version of Testsoftware:	EMC32 V9.25.0
Antenna polarisation:	horizontal/vertical
Operation mode:	nmode MCS0 channel 6[2437] Power 13
Operator Name:	SLo
Comment:	DUT is Laying

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC



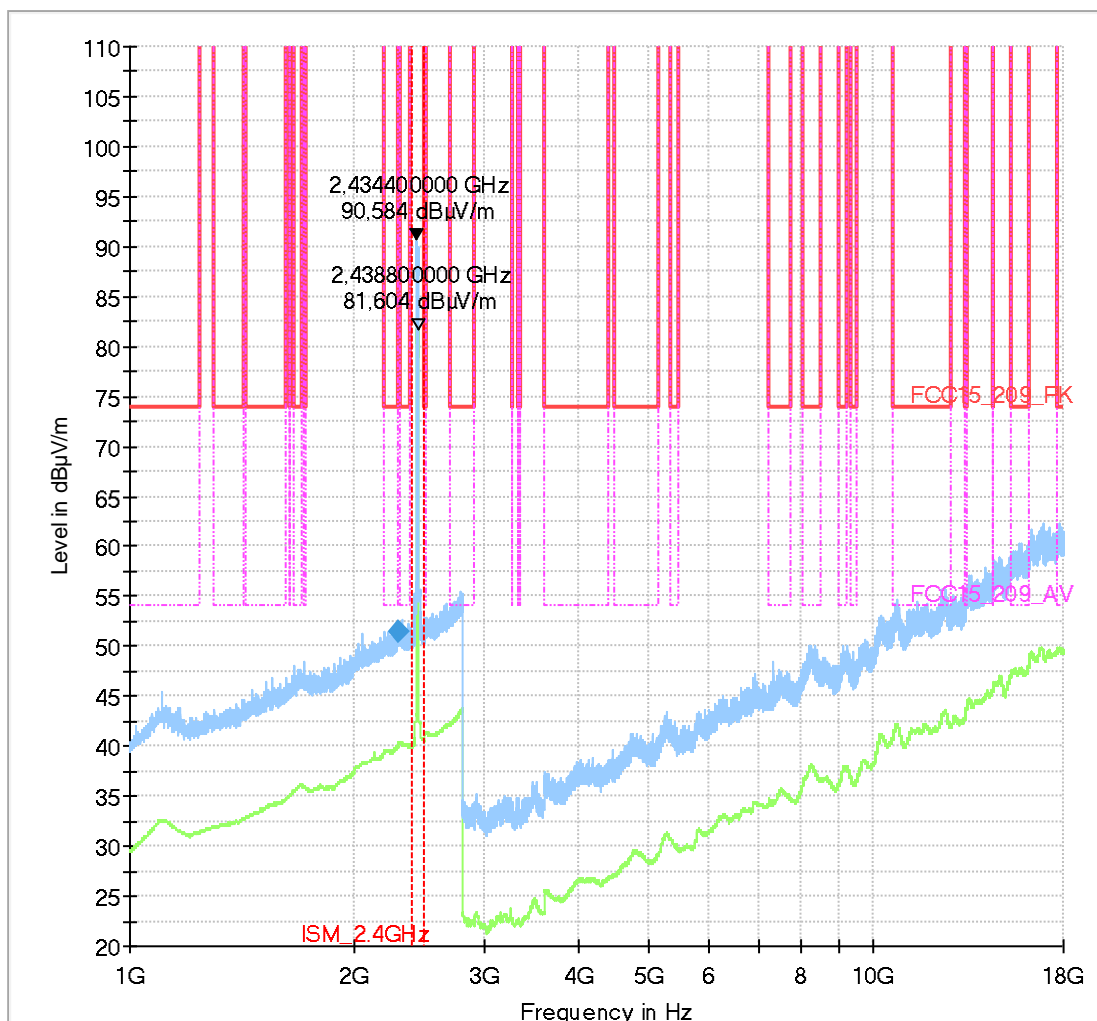
### 4.03b\_n-mode\_MCS0\_CH6\_PWR13\_standing

#### Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Version of Testsoftware:	EMC32 V9.25.0
Antenna polarisation:	horizontal/vertical
Operation mode:	nmode MCS0 channel 6[2437] Power 13
Operator Name:	SLo
Comment:	DUT is Standing

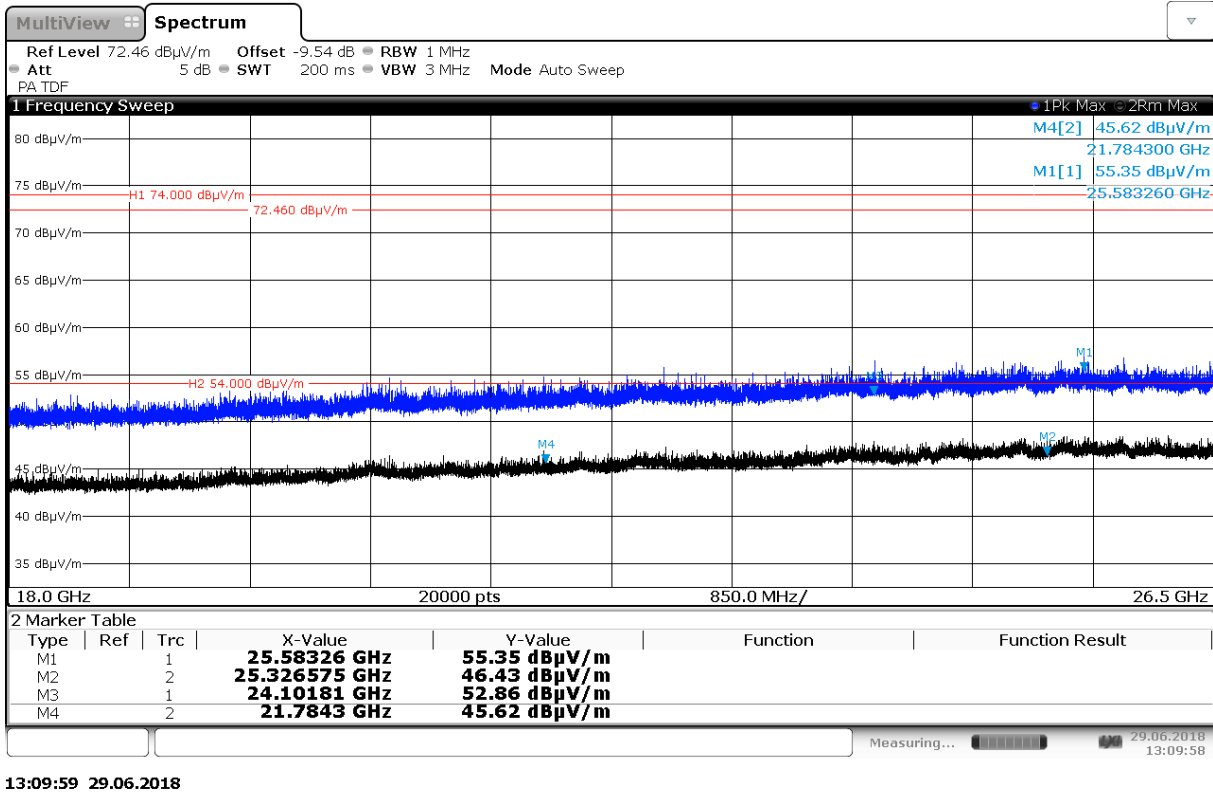
#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

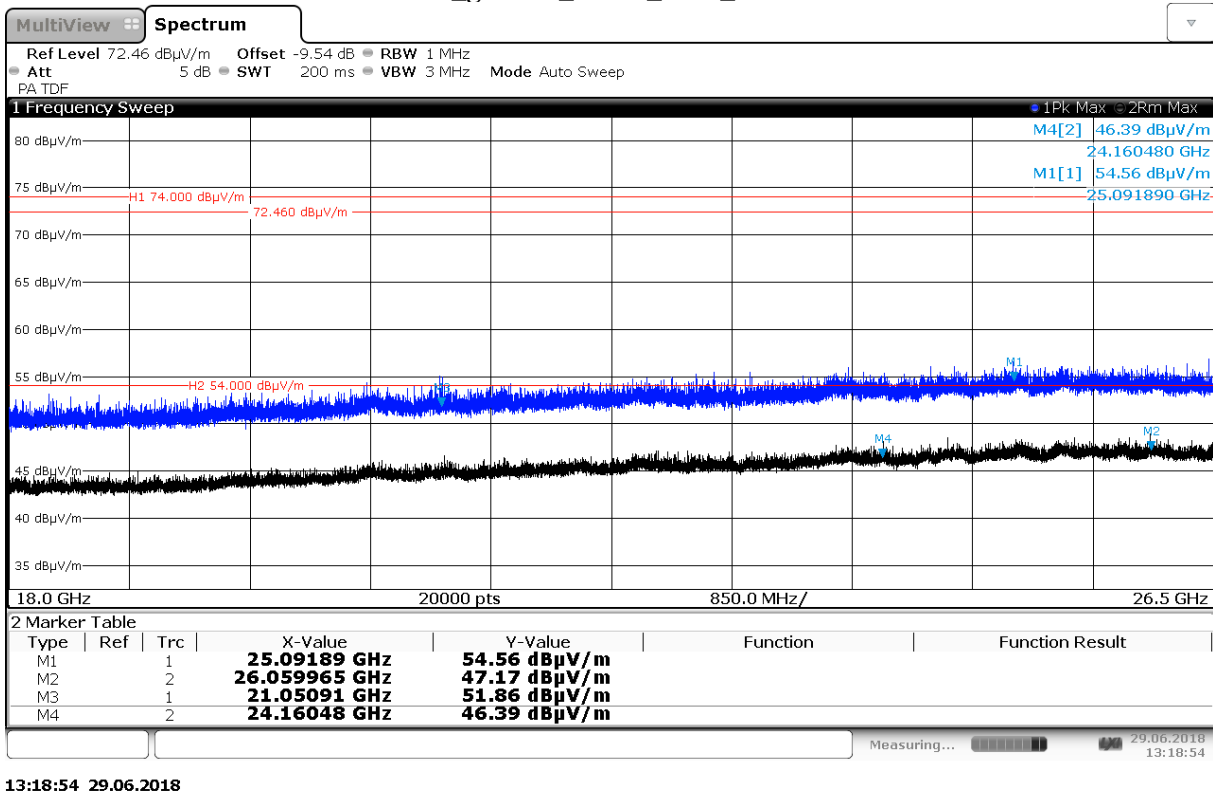


### 1.6. Radiated electric field measurement 18 GHz to 26.5 GHz

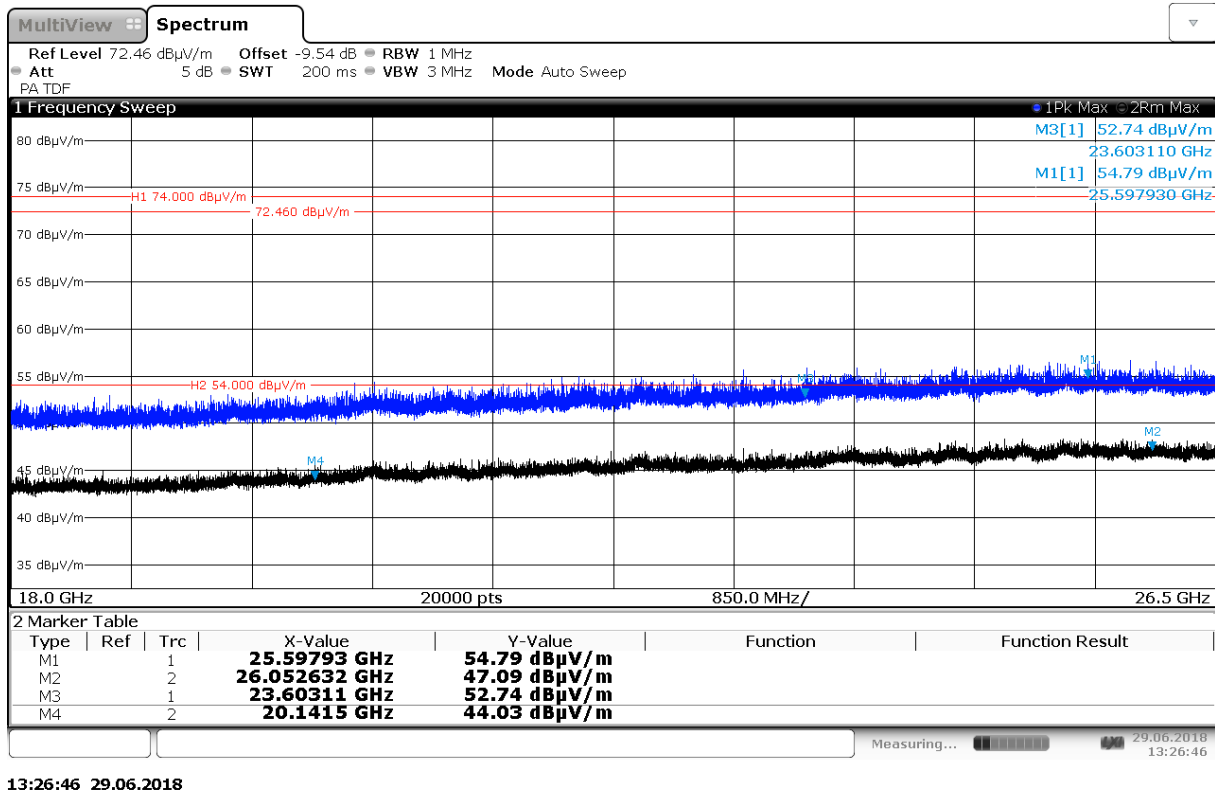
#### 4.01c\_b-mode\_1mbit\_CH6\_PWR17



#### 4.02c\_g-mode\_6mbit\_CH6\_PWR13



### 4.03c\_n-mode\_MCS0\_CH6\_PWR13



## 1.7. Low Band edge compliance

### 9.01a\_low\_b-mode\_1mbit\_CH1\_PWR17

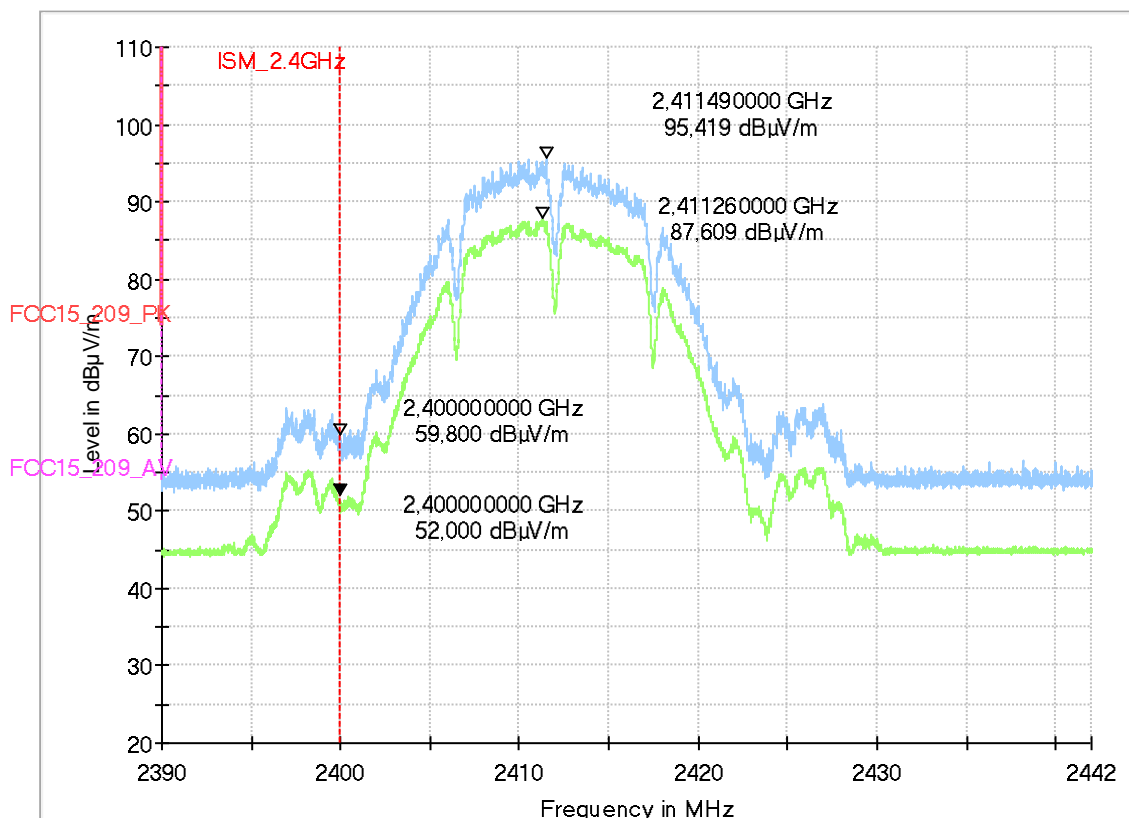
#### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. low, standing

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum





## 9.01b\_low\_b-mode\_1mbit\_CH1\_PWR17

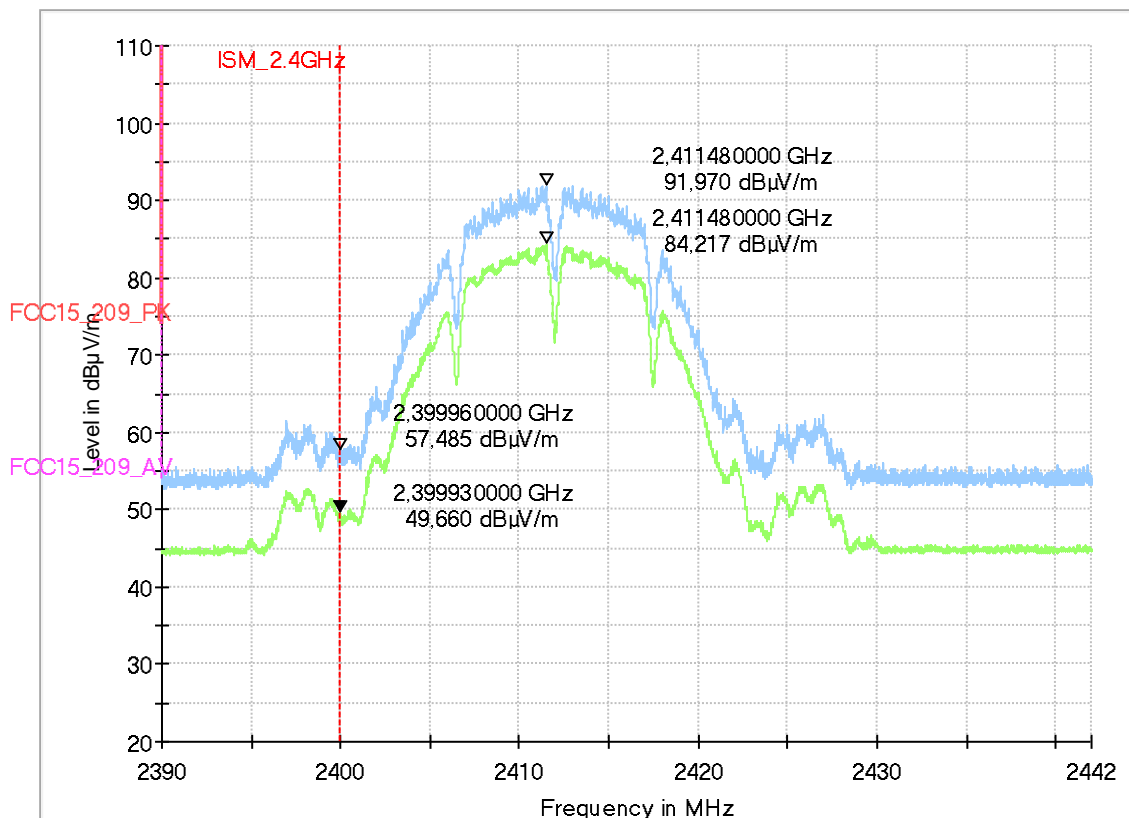
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. low, laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



### 9.03a\_low\_g-mode\_6mbit\_CH1\_PWR13

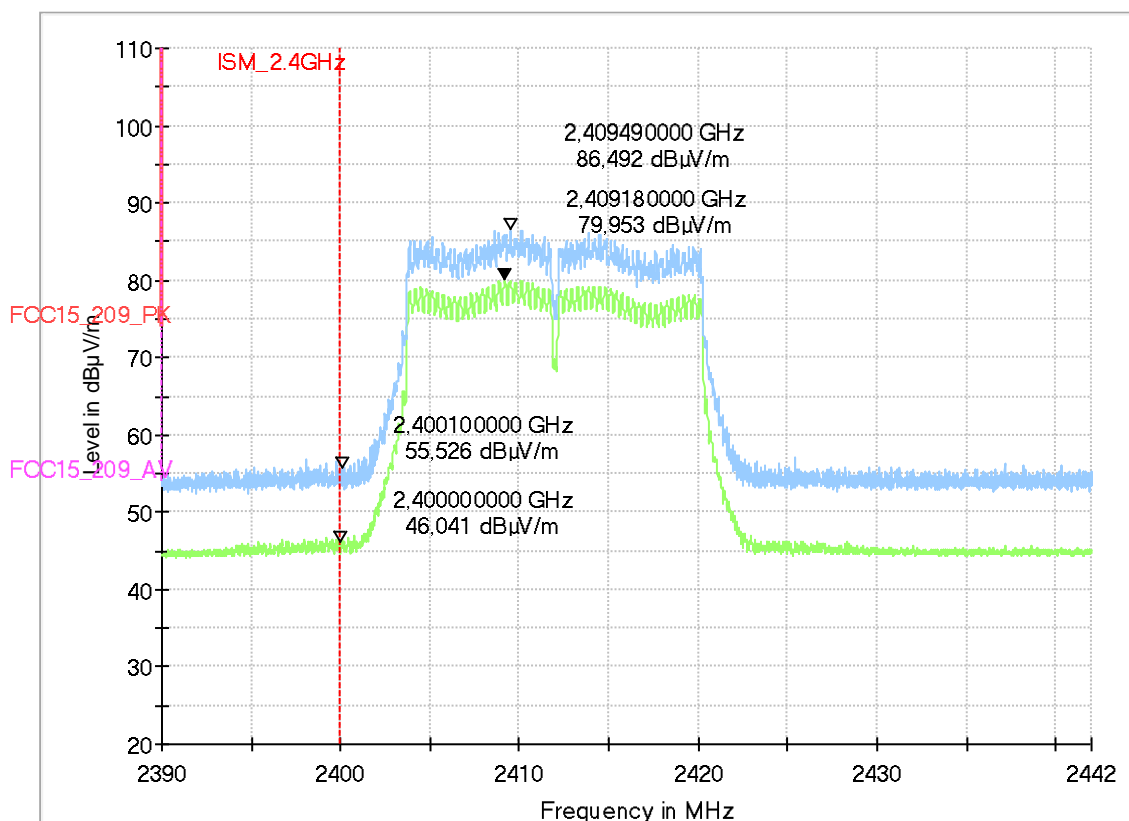
#### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. low, standing

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Conected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.03b\_low\_g-mode\_6mbit\_CH1\_PWR13

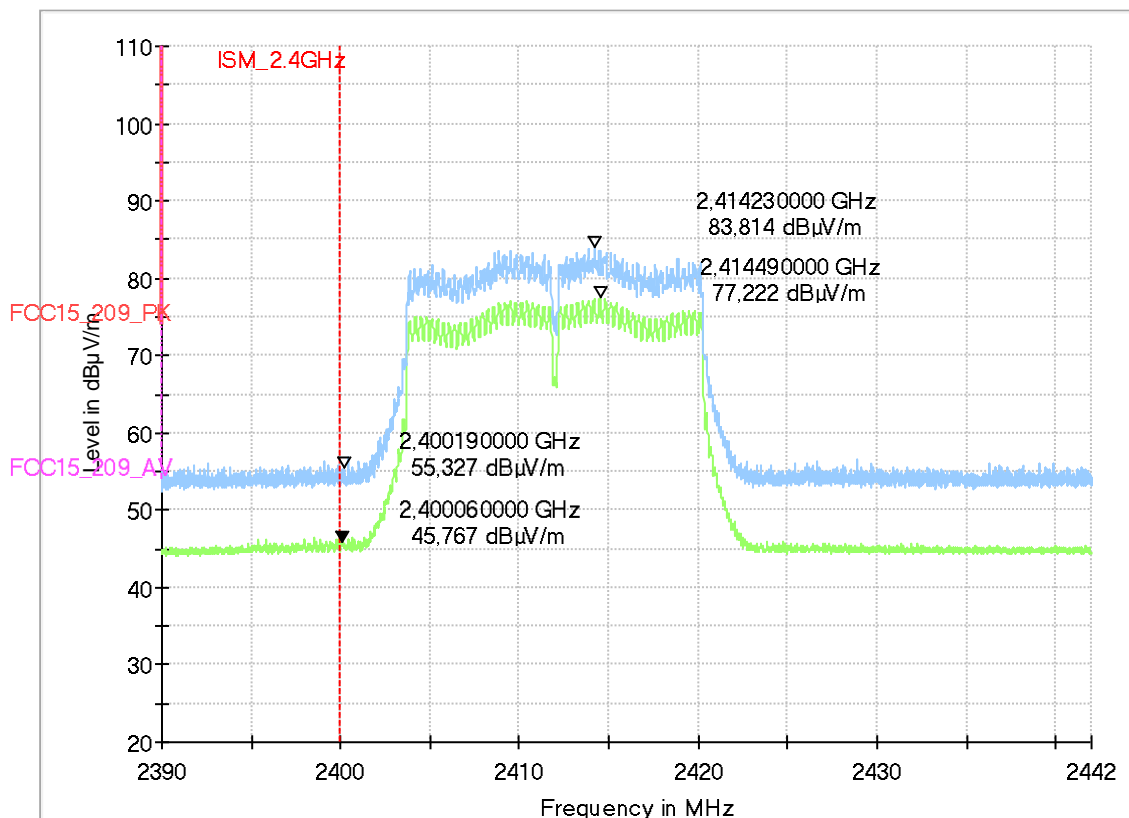
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. low, laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.05a\_low\_n-mode\_MCS0\_CH1\_PWR13

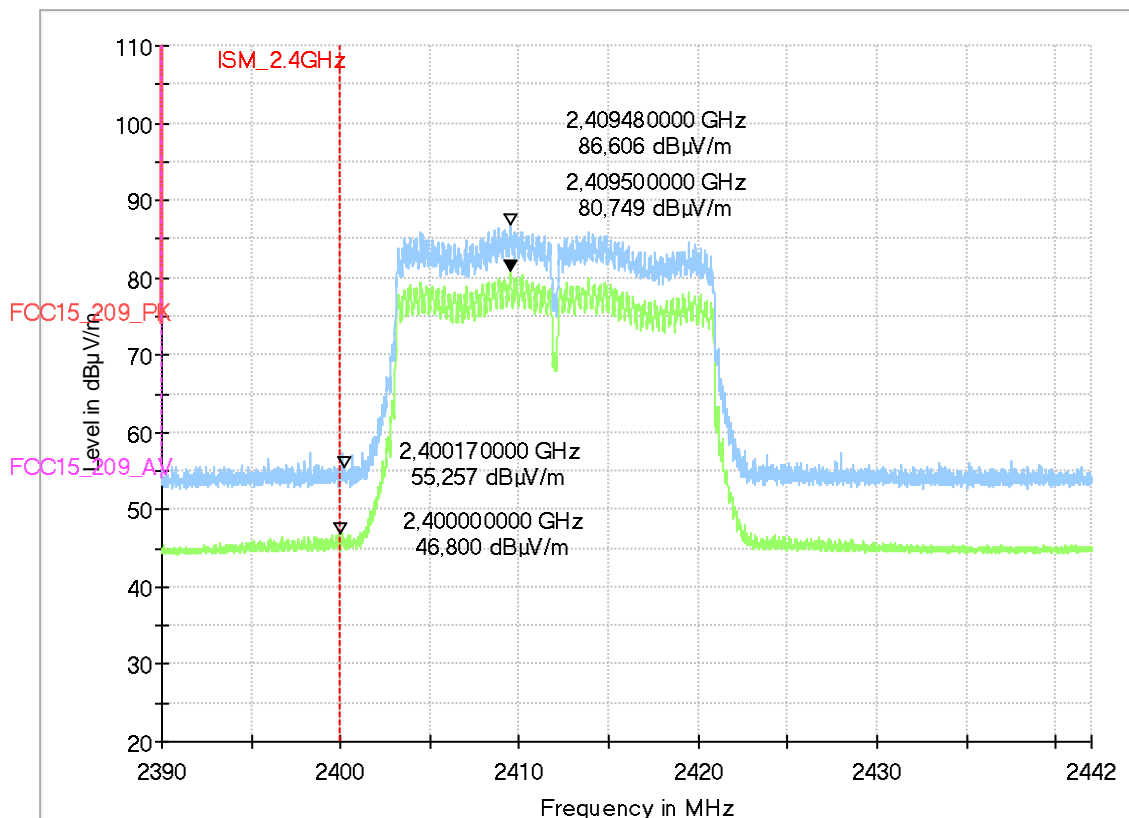
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. low, standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.05b\_low\_n-mode\_MCS0\_CH1\_PWR13

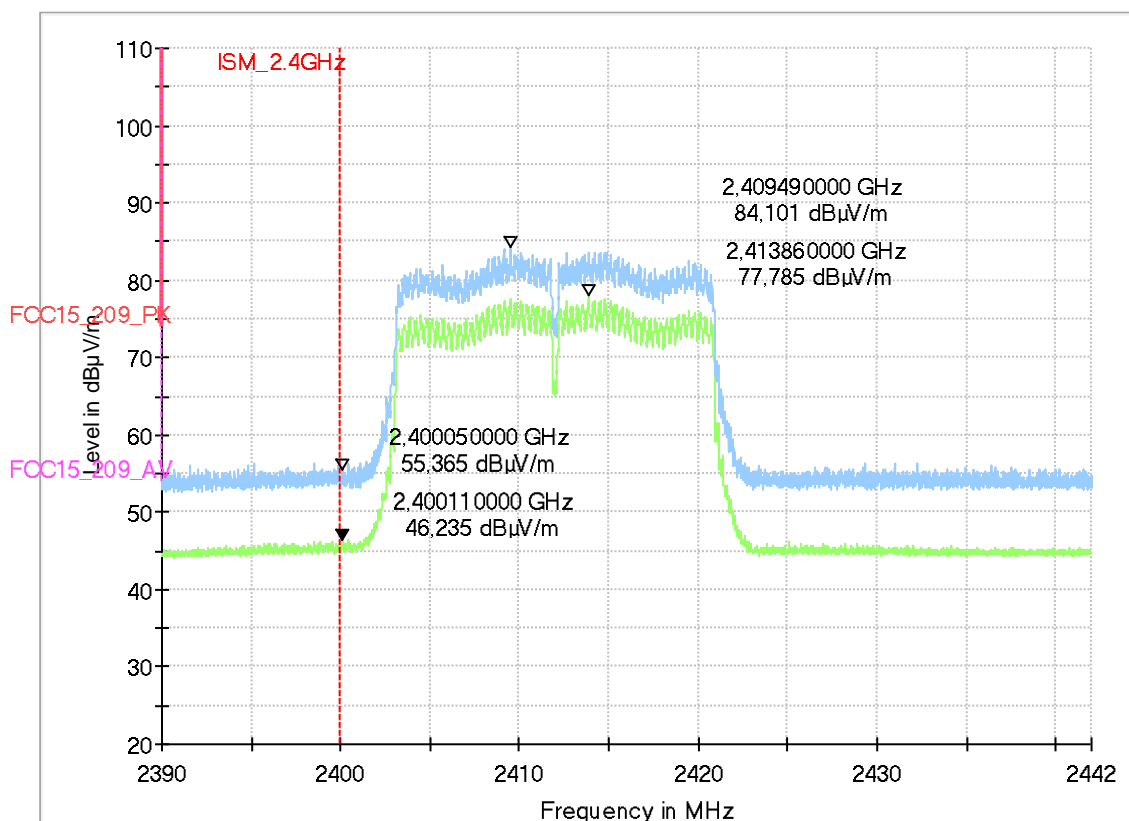
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. low, laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 1.8. High Band edge compliance

### 9.02a\_high\_b-mode\_1mbit\_CH11\_PWR17

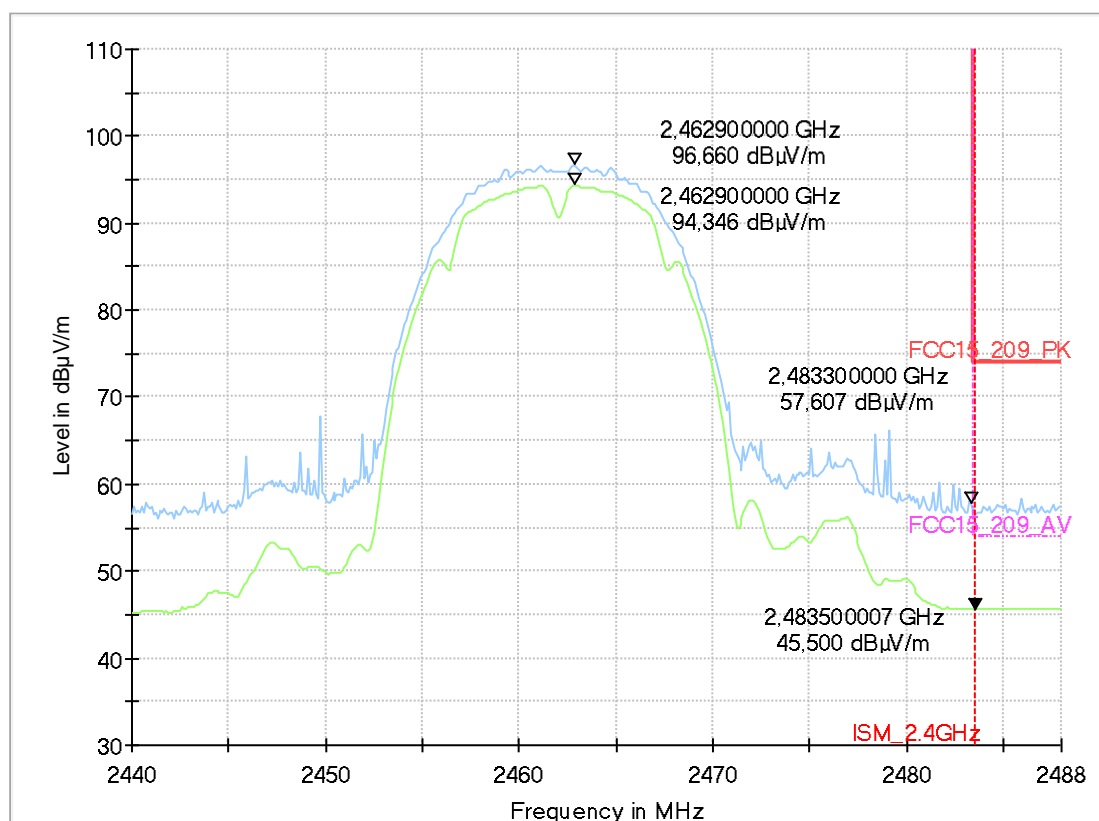
#### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. high, standing

#### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.02b\_high\_b-mode\_1mbit\_CH11\_PWR17

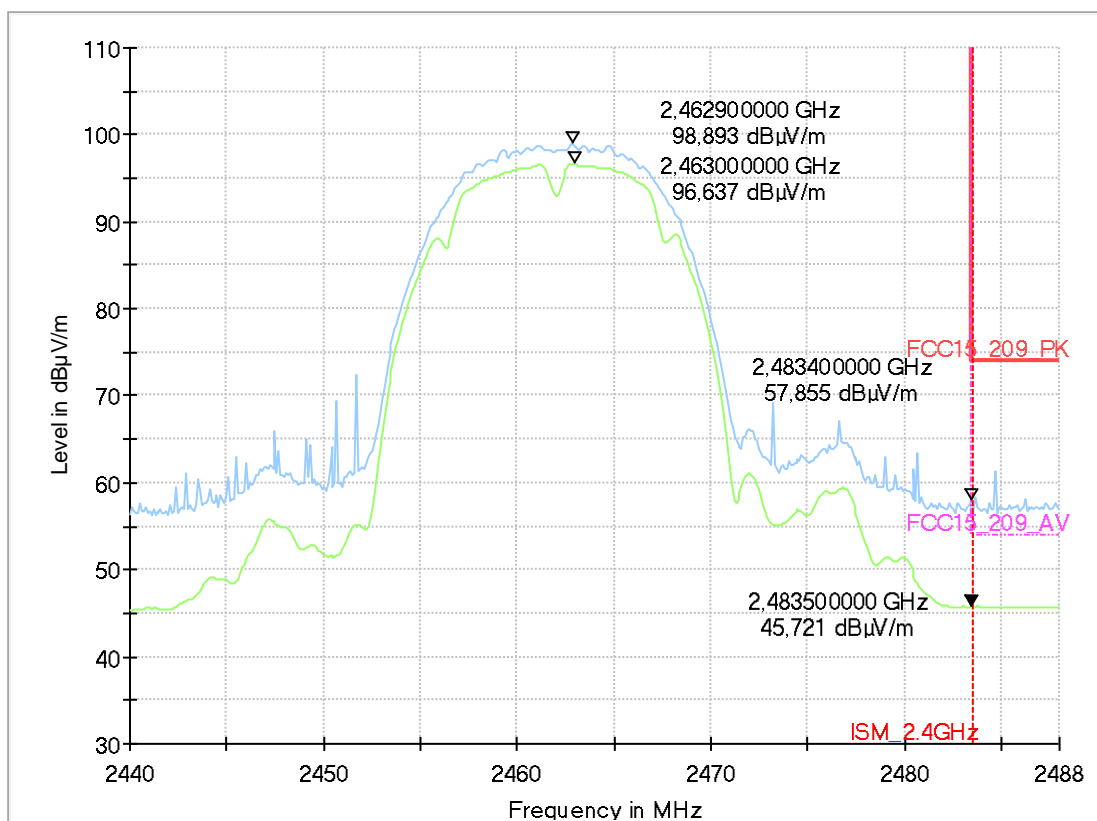
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. high, laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.04a\_high\_g-mode\_6mbit\_CH11\_PWR13

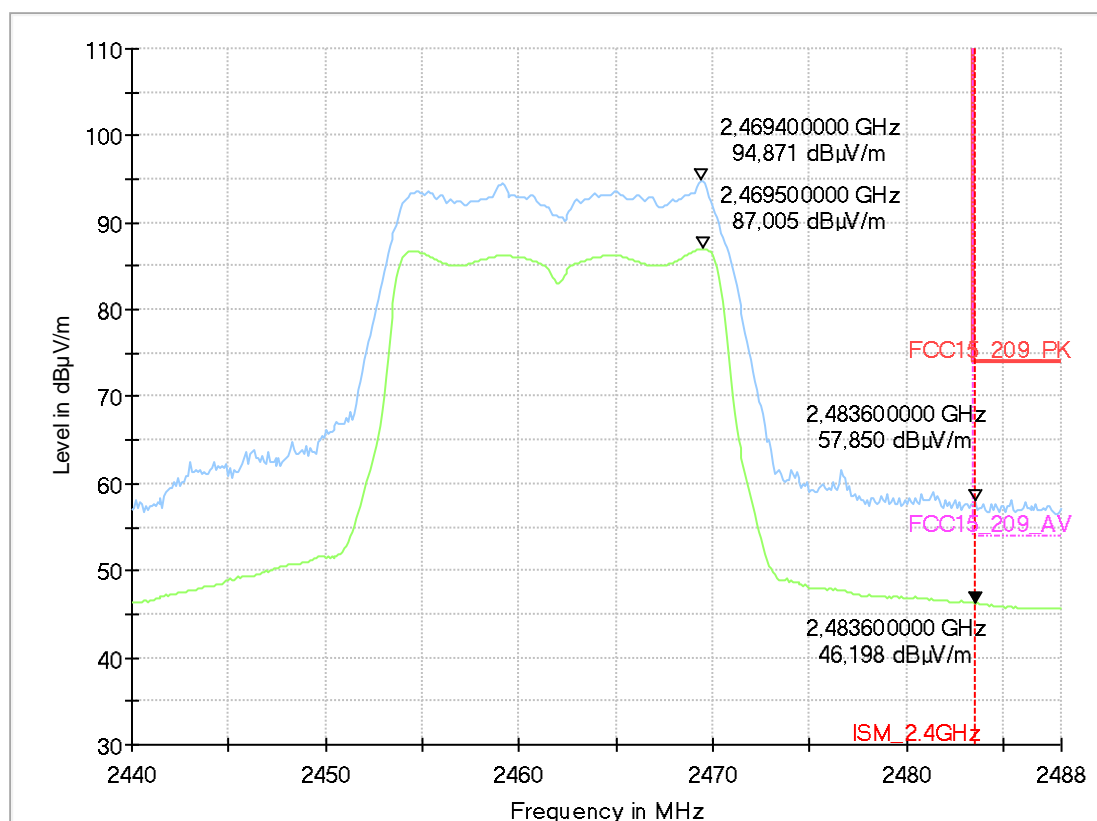
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. high, standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum





## 9.04b\_high\_g-mode\_6mbit\_CH11\_PWR13

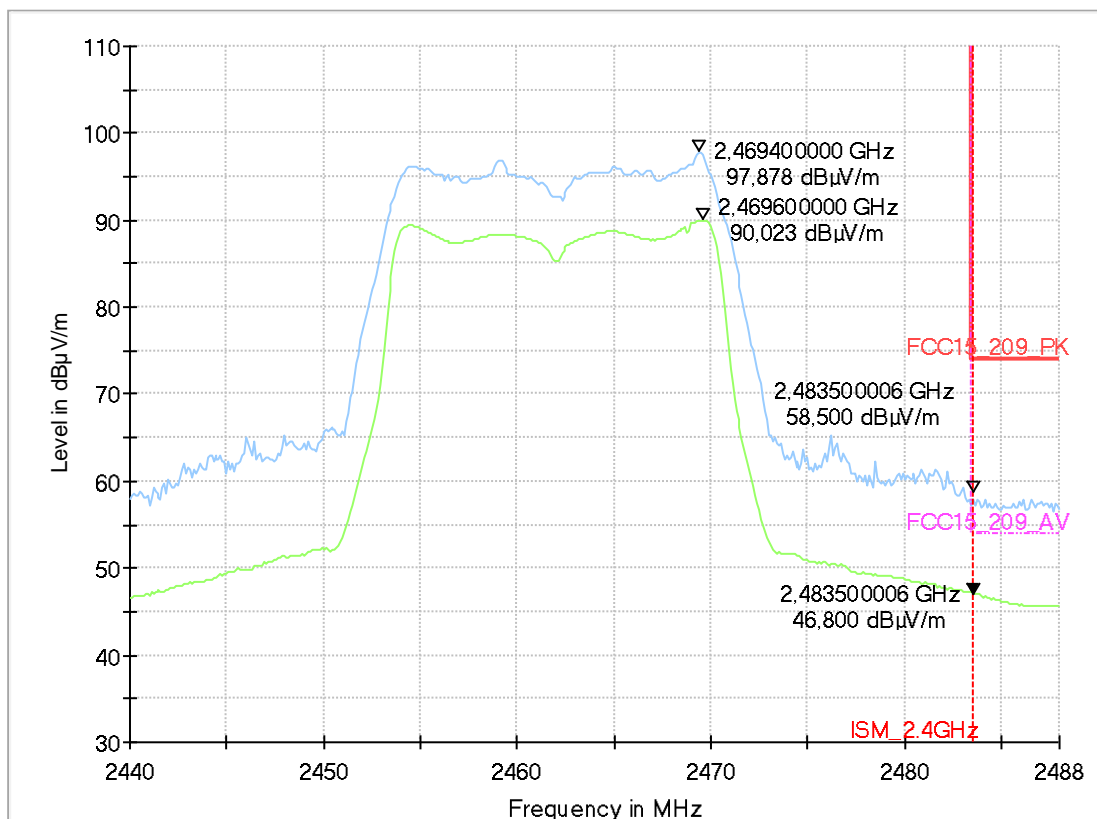
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. high, laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.06a\_high\_n-mode\_MCS0\_CH11\_PWR13

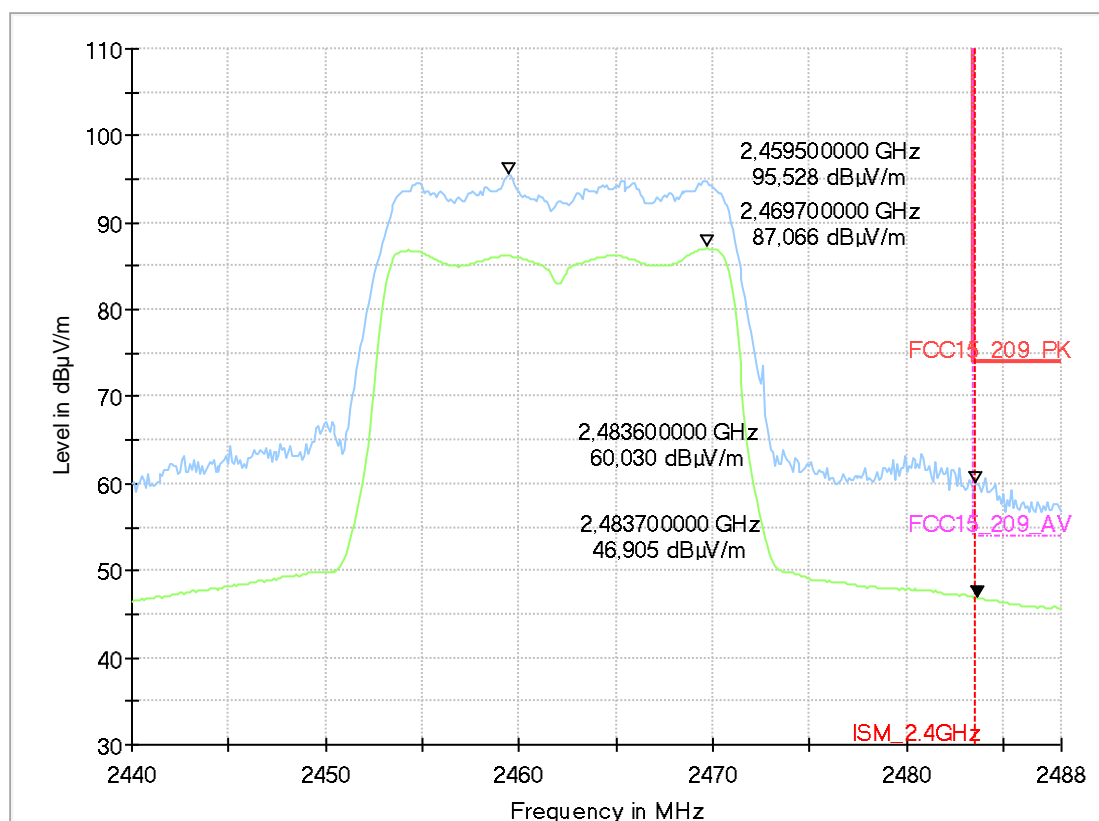
### Common Information

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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. high, standing

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum



## 9.06b\_high\_n-mode\_MCS0\_CH11\_PWR13

### 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
Version of Testsoftware:	EMC32 V9.26.0
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	TFra
Comment:	Channel no. high, laying

### EUT Information

Manufacturer:	ACTIA Nordic AB
Product:	Telematic device
EUT Model:	ACUII-06
HW:	H2
SW:	14
Serial Nr.:	30207089
Connected Connected Interfaces:	Mic + speaker + Antenna with ground plan + main wiring + antenna cable
Power Supply:	13,8VDC

Full Spectrum

