

Annex 1: Measurement diagrams
to TEST REPORT
No.: 15-1-0017001T05a

According to:
FCC Regulations
Part 15.209, Part 15.247

IC-Regulations
RSS-Gen, Issue 4, RSS-247, Issue 1

for

peiker acoustic GmbH & Co. KG

ATM-01 T2-US-4GW

FCC-ID: QWY-ATM-T-622
IC: 6588A-ATMT622
PMN: ATM trunk version
HVIN: ATM-01 T2-US-4GW







Laboratory Accreditation and Listings			
 DAkks Deutsche Akkreditierungsstelle D-PL-12047-01-01	 FEDERAL COMMUNICATIONS COMMISSION U.S.A. MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
 WiFi ALLIANCE AUTHORIZED RF LABORATORY	 ctia Authorized Test Lab Lab Code: 20011130-00		
accredited according to DIN EN ISO/IEC 17025			
<p align="center">CETECOM GmbH Laboratory Radio Communications & 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. Conducted EMI measurements on AC-mains port according 15.207, class B

Not applicable since powered from car equipment (12V)

1.2. Magnetic field strength measurements in the range 9 kHz to 30 MHz

1.2.1. b-Mode Modulation

2.01_TX_Ch1_bMode_11MBit

Date:	20.04.2016	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	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 15.205 § 15.209; RSS-Gen: Issue 4	

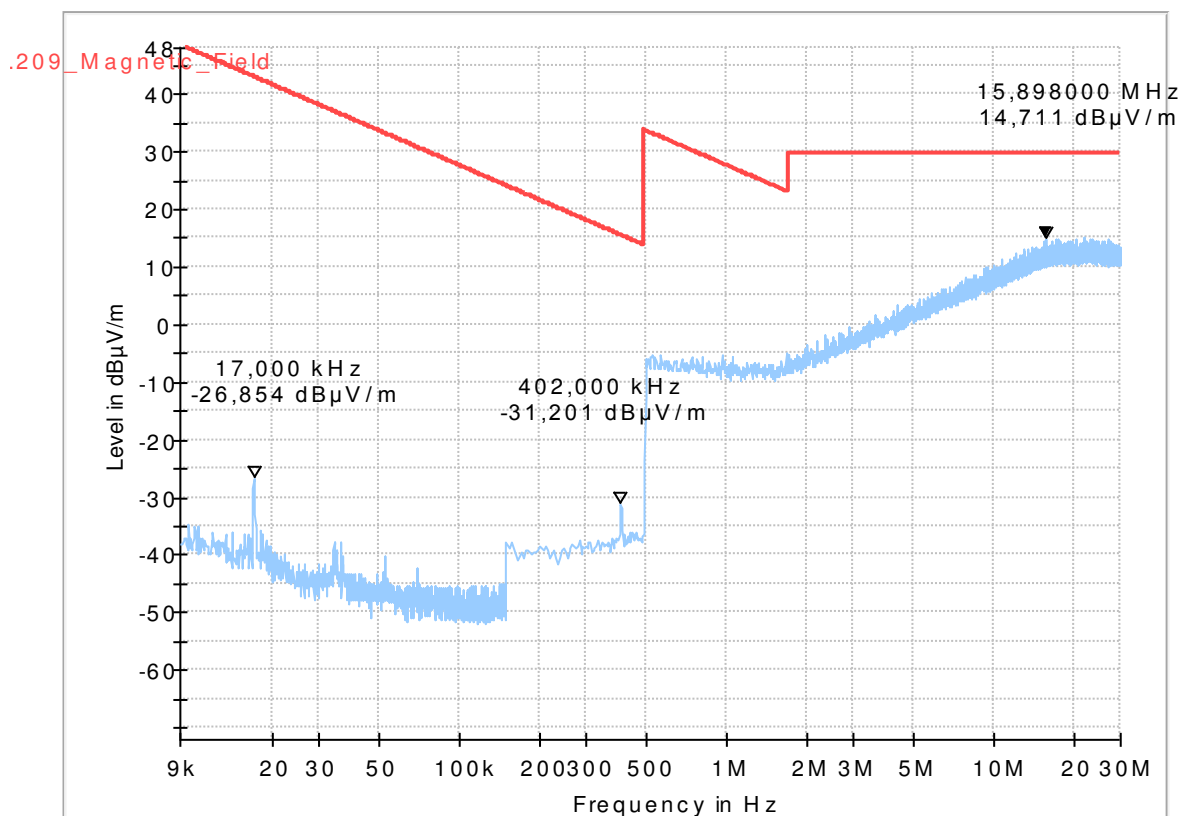
Operator:	KMo
Operating conditions:	W-LAN, b-Mode, 11MBit, Ch1
Power during tests:	13.4V DC

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748817
IMEI:	35382407000094-4
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	

Full Spectrum



1.2.2. g-Mode Modulation

2.02_TX_Ch6_gMode_12MBit

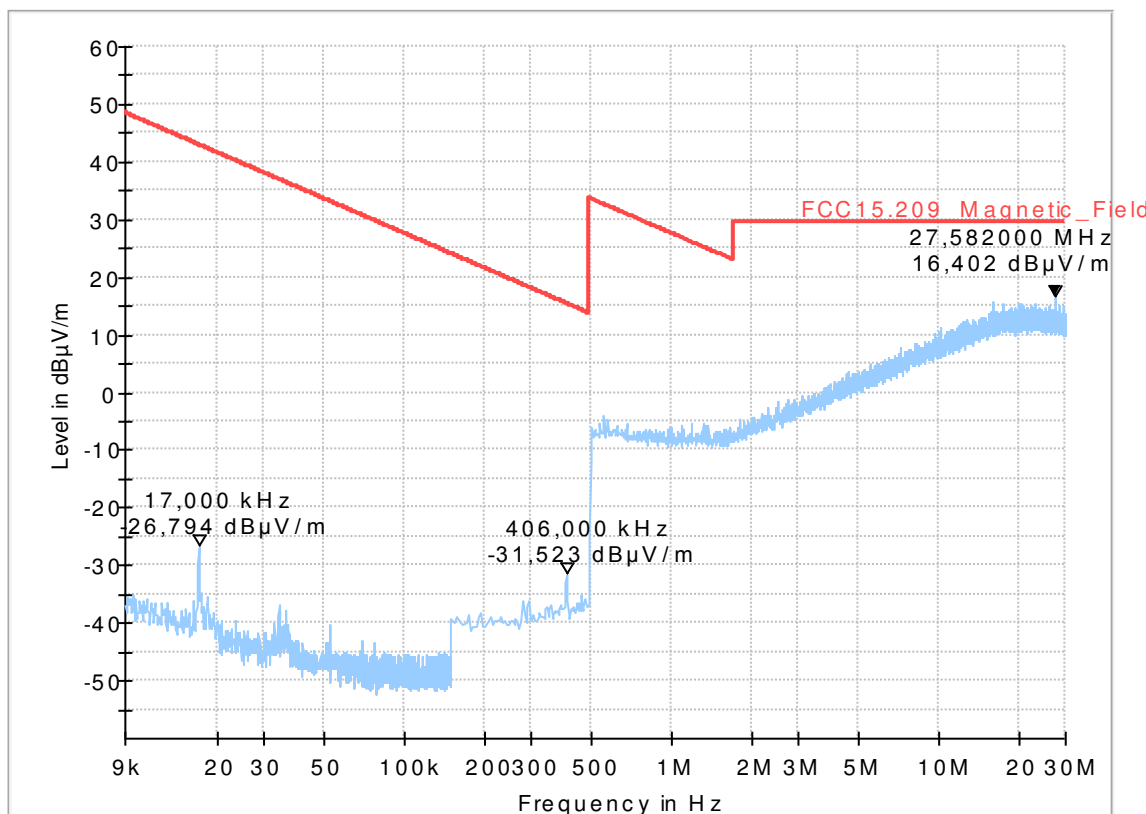
Date:	20.04.2016	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	EMC32 V9.25.0	
Distance correction:	used accord. table, pls. see test 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 15.205 § 15.209; RSS-Gen: Issue 4	
Operator:	KMo	
Operating conditions:	W-LAN, g-Mode, 12MBit, Ch6	
Power during tests:	14.0 V DC	

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748817
IMEI:	35382407000094-4
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	

Full Spectrum



1.2.3. n-Mode Modulation

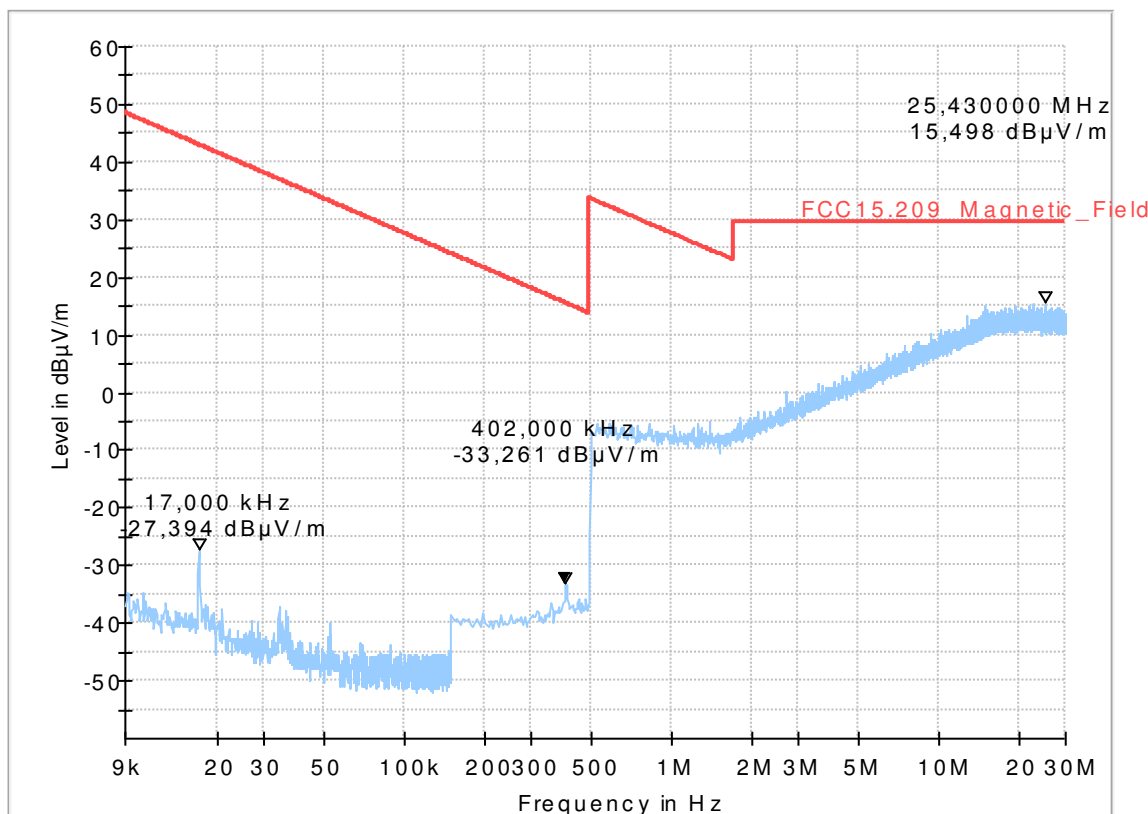
2.03_TX_Ch13_nMode_MCS1

Date:	20.04.2016	Page 1 of 1
Test description:	Magnetic Field Strength Measurement related to 30/300 m distance	
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance	
Version of Testsoftware:	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 15.205 § 15.209; RSS-Gen: Issue 4	
Operator:	KMo	
Operating conditions:	W-LAN, n-Mode, MCS1, Ch13	
Power during	14.0V DC	
Power during tests:	14.0 V DC	

EUT Information

Manufacturer:	peker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW
-----	-----
HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748817
IMEI:	35382407000094-4
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	

Full Spectrum



1.3. Field strength measurements 30MHz <f <1GHz

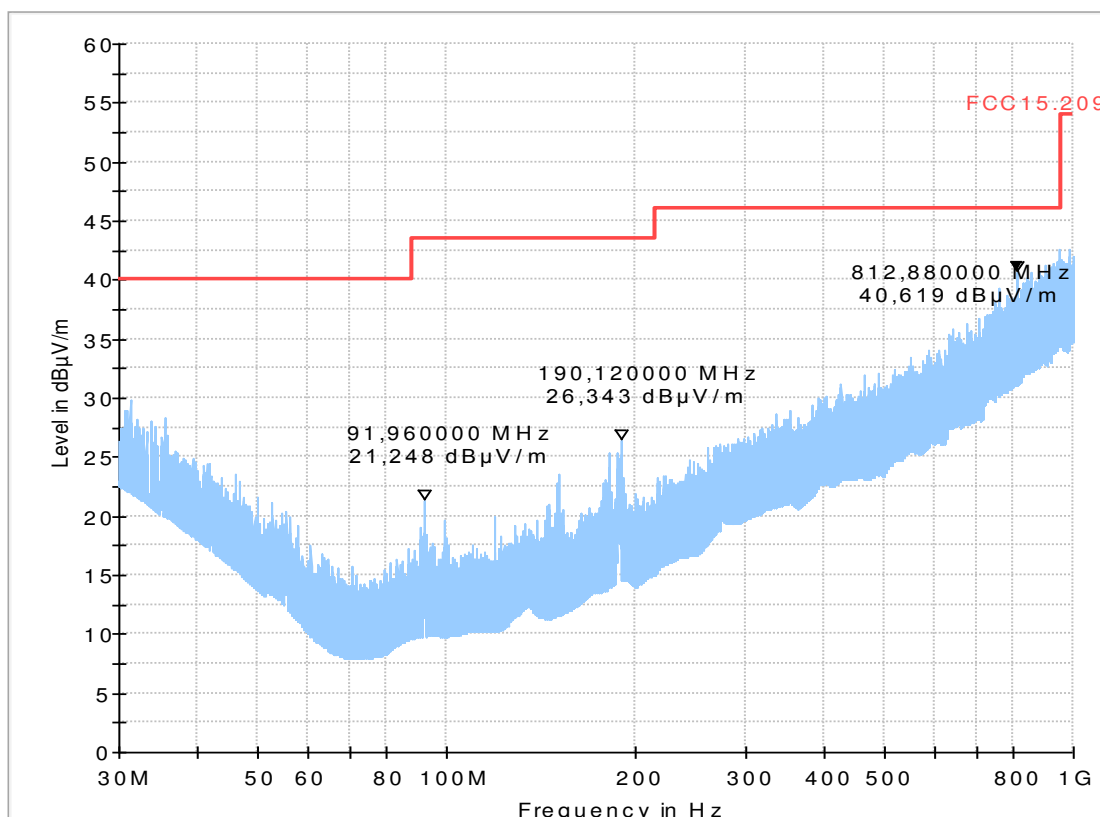
1.3.1. b-Mode Modulation

Diagram No. 3.02_TX_Ch1_bMode_11MBit

Test description:	20.04.2016 Page 1 of 4
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
	FCC 15.209; RSS-247, Issue 1
Operator:	HLa
Operating conditions:	W-LAN, b-Mode, 11MBit, Ch1
Power during	14.0V DC
Power during tests:	-- 14.0 V DC

EUT Information:	14.0 V DC
Manufacturer:	peiker acustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW
-----	-----
HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748817
IMEI:	35382407000094-4
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	

Full Spectrum



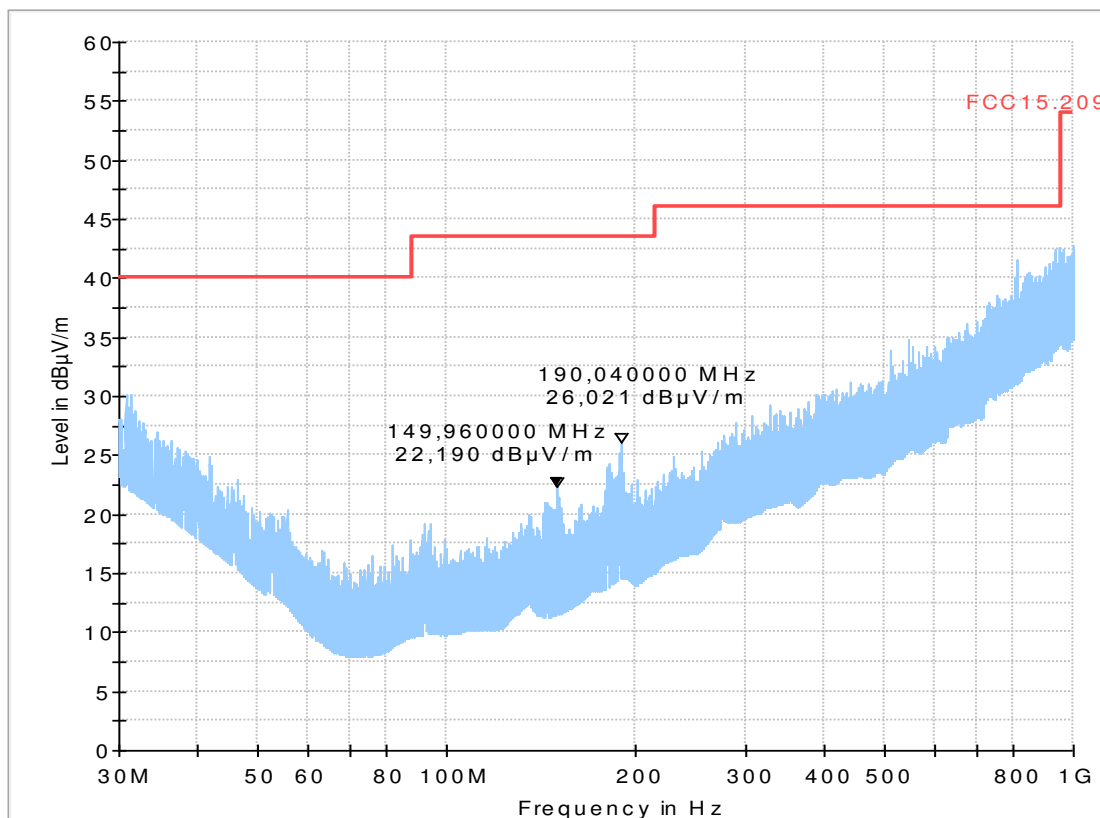
1.3.2. g-Mode Modulation

Diagram No. 3.03_TX_Ch6_gMode_12MBit

Test description:	20.04.2016 Page 1 of 4
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
	FCC 15.209; RSS-247, Issue 1
Operator:	HLa
Operating conditions:	W-LAN, g-Mode, 12MBit, Ch6
Power during	14.0V DC
Power during tests:	-- 14.0 V DC

EUT Information	14.0 V DC
Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW
-----	-----
HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748817
IMEI:	35382407000094-4
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	

Full Spectrum



1.3.3. n-Mode Modulation

Diagram No. 3.04_TX_Ch13_nMode_MCS2

20.04.2016 Page 1 of 3

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
 Distance correction: not used
 Used filter: not used
 Technical Data: please see page 2 for detailed data of measurement setup
 Test specification.: FCC 15.209; RSS-247, Issue 1

Operator: HLa
 Operating conditions: W-LAN, n-Mode, MCS2, Ch13
 Power during: 14.0V DC
 Power during tests: -- 14.0 V DC

EUT Information

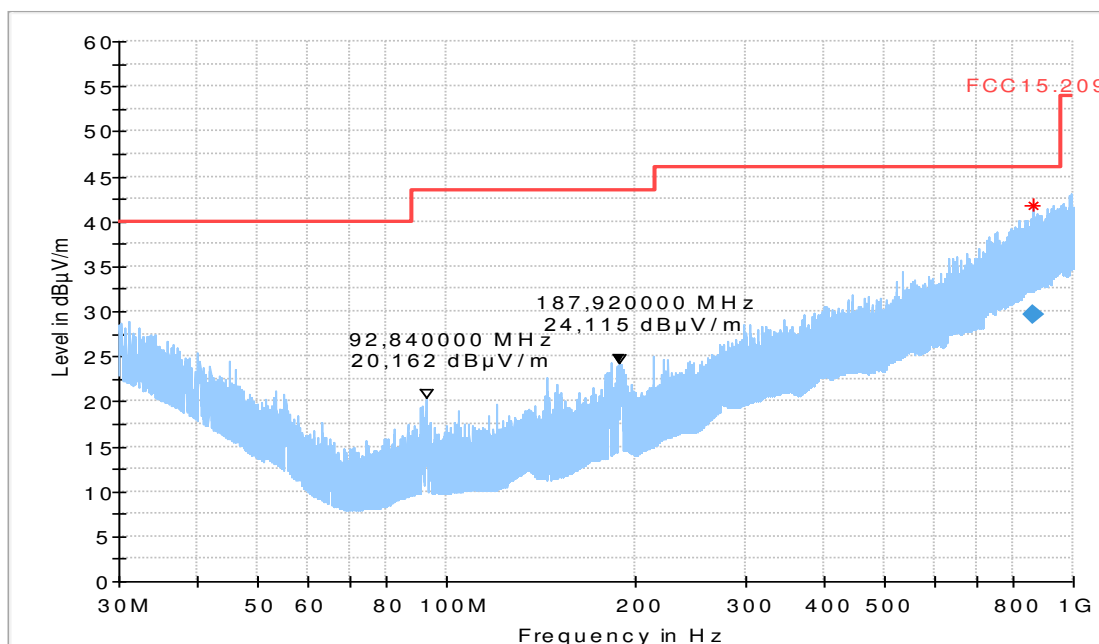
Power during tests: 14.0 V DC
 Manufacturer: peiker acoustic GmbH & Co. KG
 EuT: ATM-01 T2-US-4GW

 HW Version: 213.002.002
 SW Version: 001.024.047
 Serial Number: 748817
 IMEI: 35382407000094-4
 Connected Interfaces: shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
 Power Supply: 14.0 V DC
 Comments:

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Marginal (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
862.300000	29.67	46.00	16.33	1000.0	120.000	328.0	H	200.0	25.8

Full Spectrum



1.4. Field strength measurements 1GHz < f < 18GHz

1.4.1. b-Mode Modulation

4.01_TX_WLAN_Ch1_b-Mode_11Mbits

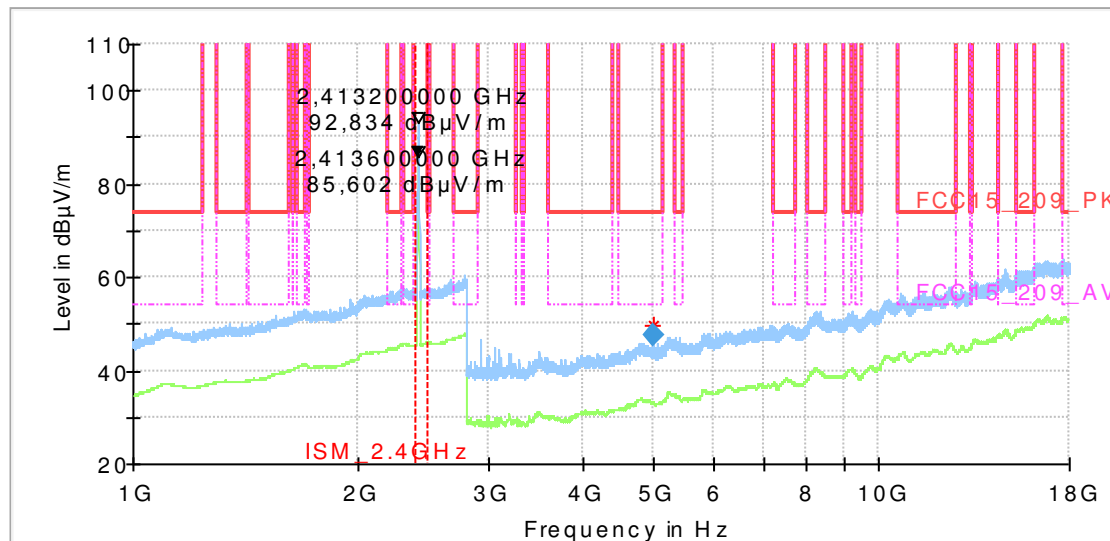
Common Information

Test Description:	Radiated field strength emission WLAN 2.4GHz
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 802.11b-mode, BW 20 MHz channel 1; Data rate 11Mbit ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margi n (dB)	Meas . Time	Bandwid th (kHz)	Heigh t (cm)	Pol	Azimet h (deg)	Elevatio n (deg)
4986.530000	47.70	---	74.00	26.30	100.0	1000.000	155.0	V	93.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr .
4986.530000	4.1

1.4.2. g-Mode Modulation

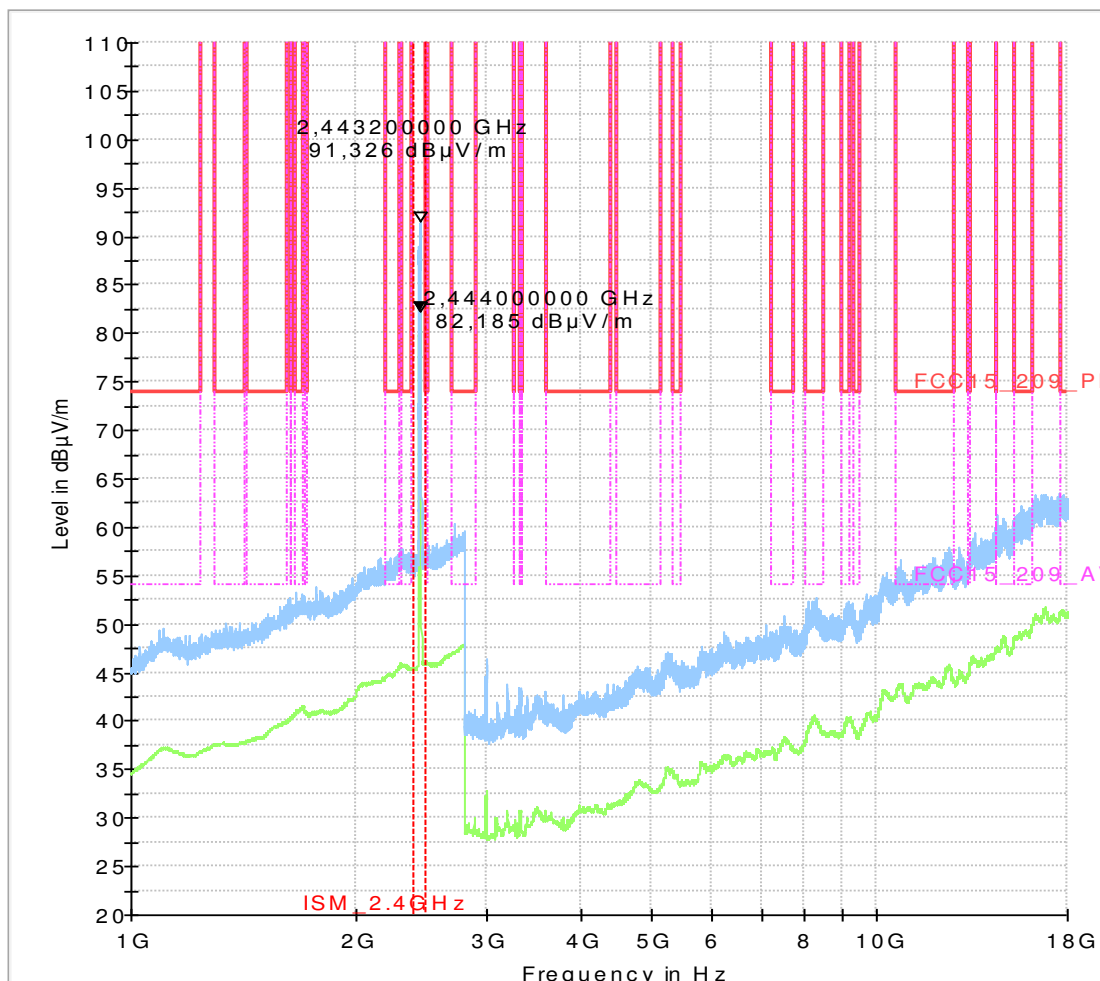
4.02_TX_WLAN_Ch6_g-Mode_12Mbits

Common Information

Test Description:	Radiated field strength emission WLAN 2.4GHz
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 802.11g-mode, BW 20 MHz channel 6; Data rate 12Mbit ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW
-----	-----
HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



1.4.3. n-Mode Modulation

4.03_TX_WLAN_Ch13_n-Mode_MCS2

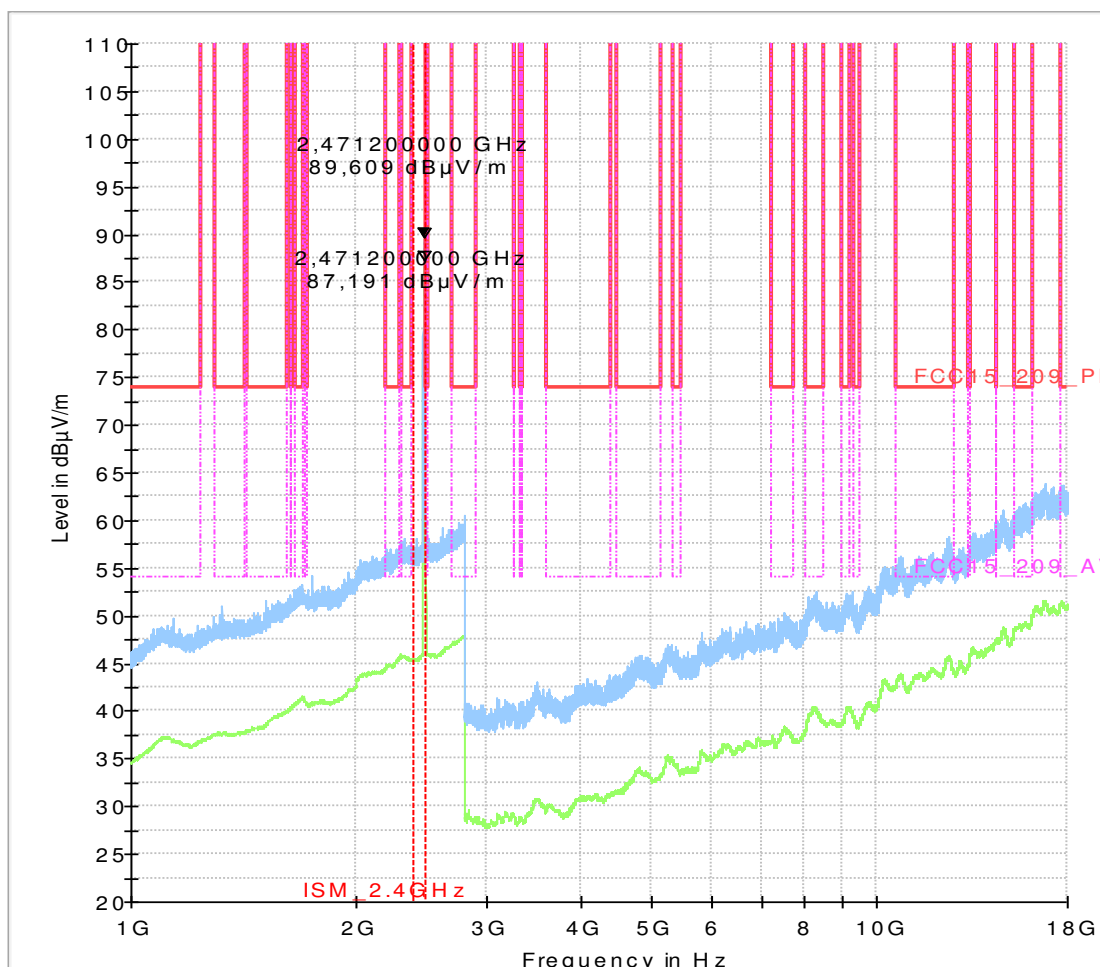
Common Information

Test Description:	Radiated field strength emission WLAN 2.4GHz
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 4
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 802.11n-mode, BW 20 MHz channel 13; Data rate MCS0 ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



1.5. Radiated band-edge measurements accord. §15.209 & §15.205 (§15.247)

1.5.1. Channel 1 (left band edge)

9.01a_Ch1_b-Mode_11Mbits

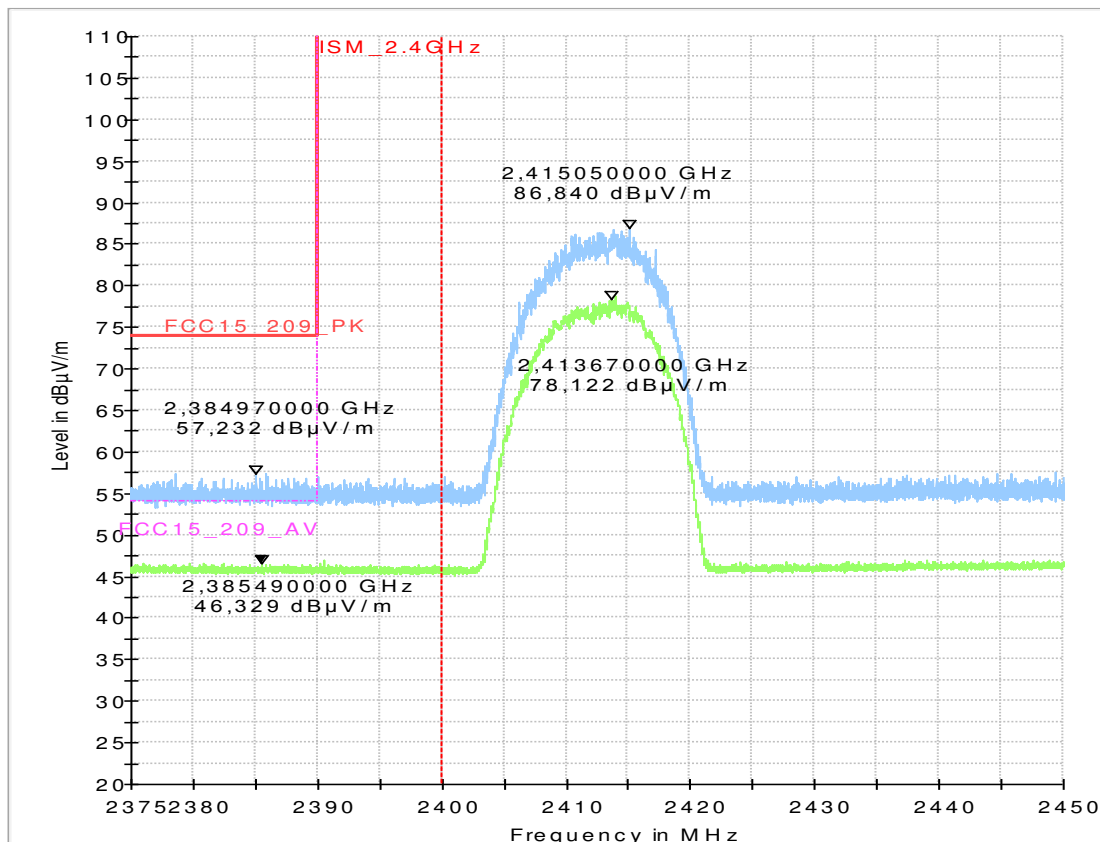
Common Information

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:	WLAN 802.11b-mode, BW 20 MHz channel 1; Data rate 11Mbit ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



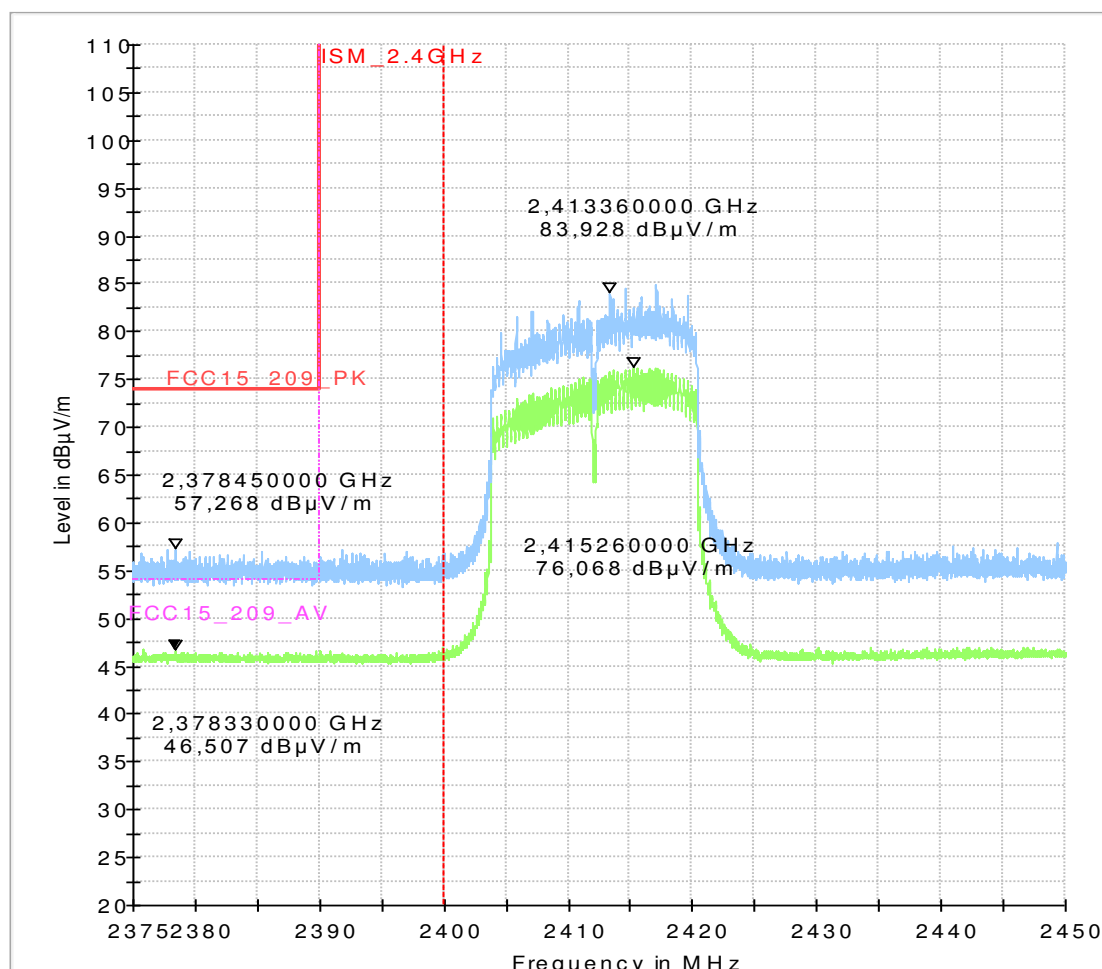
9.02a_Ch1_g-Mode_12Mbits

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:	WLAN 802.11g-mode, BW 20 MHz channel 1; Data rate 12Mbit ; Power 0 dBm
Operator Name:	KMo

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



9.03a_Ch1_n-mode_MCS2

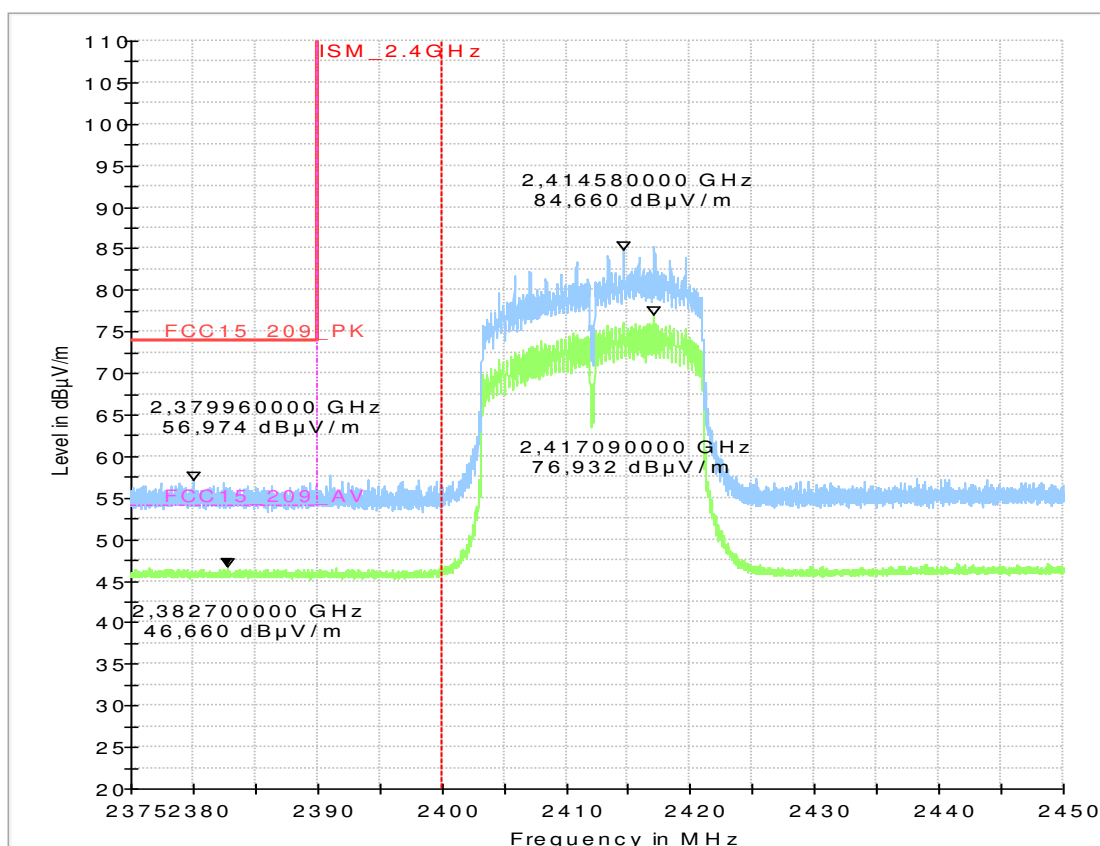
Common Information

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:	WLAN 802.11n-mode, BW 20 MHz channel 1; Data rate MCS2 ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



1.5.2. Channel 13 (right band edge)

9.01b_Ch13_b-mode_11Mbit

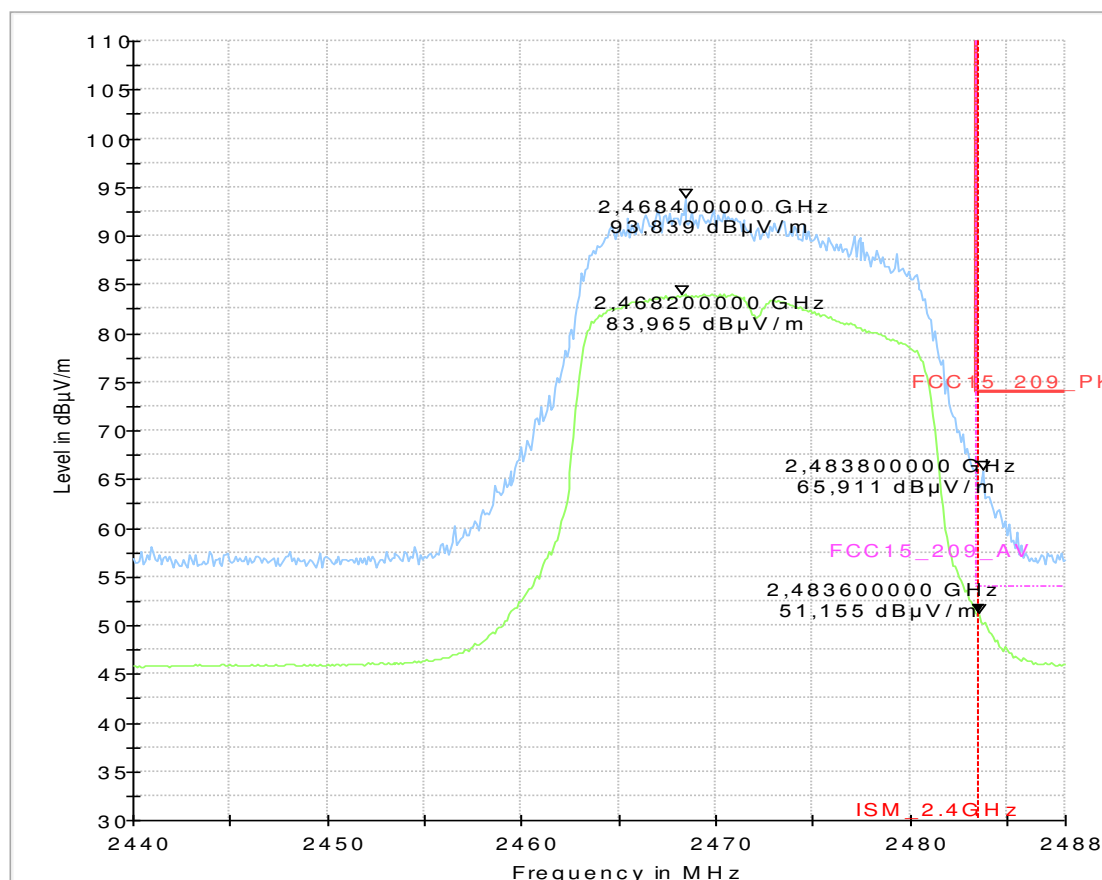
Common Information

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:	WLAN 802.11b-mode, BW 20 MHz channel 13; Data rate 11Mbit ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



9.02b_Ch13_g-mode_12Mbit

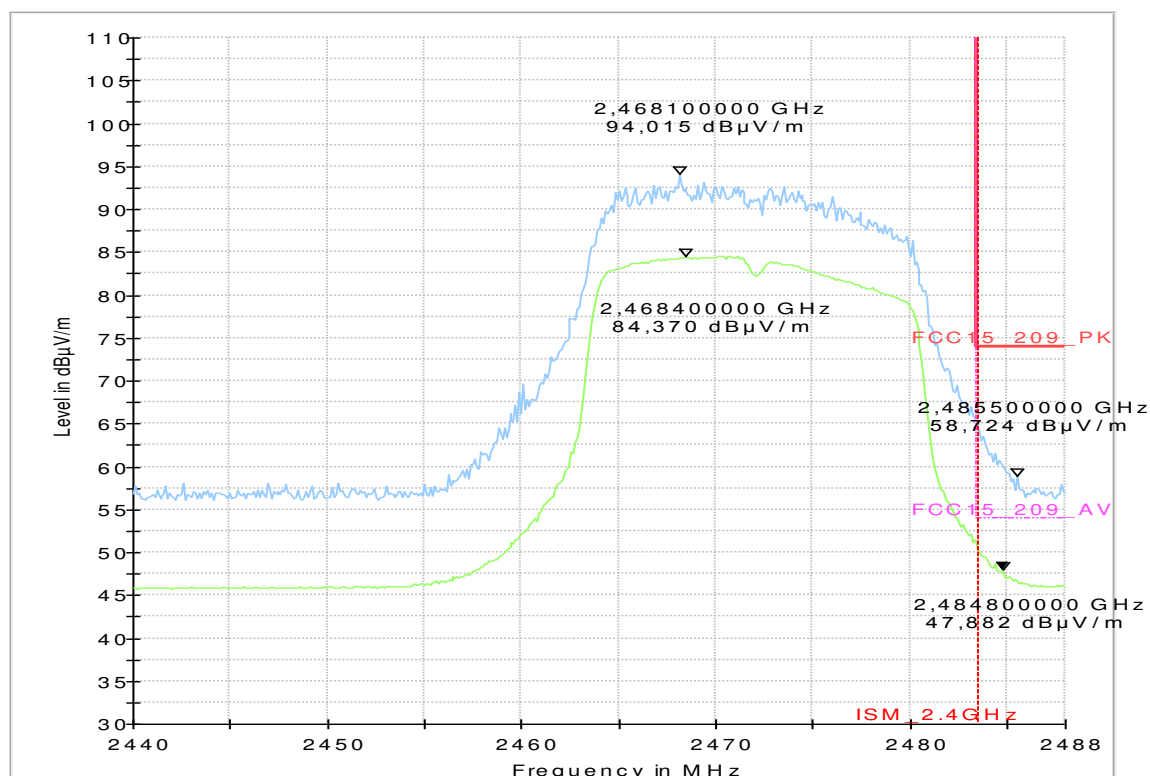
Common Information

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:	WLAN 802.11g-mode, BW 20 MHz channel 13; Data rate 12Mbit ; Power 0 dBm
Operator Name:	KMo

EUT Information

Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



9.03b_Ch13_n-mode_MCS2

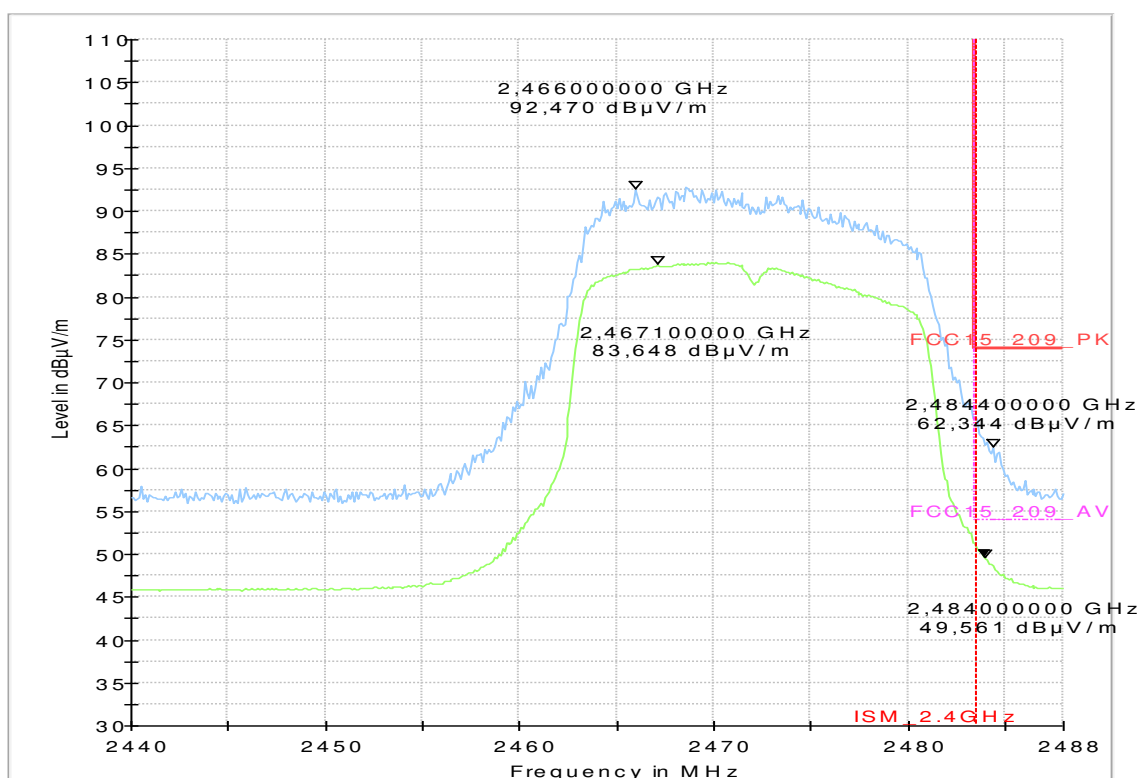
Common Information

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:	WLAN 802.11n-mode, BW 20 MHz channel 13; Data rate MCS2 ; Power 0 dBm
Operator Name:	KMo

EUT Information

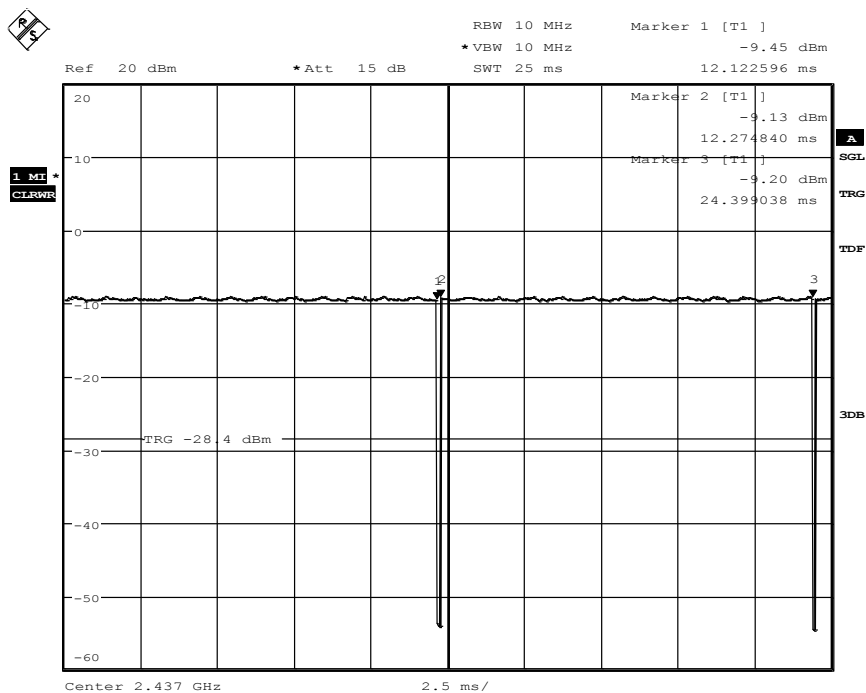
Manufacturer:	peiker acoustic GmbH & Co. KG
EuT:	ATM-01 T2-US-4GW

HW Version:	213.002.002
SW Version:	001.024.047
Serial Number:	748740
IMEI:	353824070000894
Connected Interfaces:	shark antenna with ground plane, Backup antenna, microphone, loudspeaker, cables
Power Supply:	14.0 V DC
Comments:	



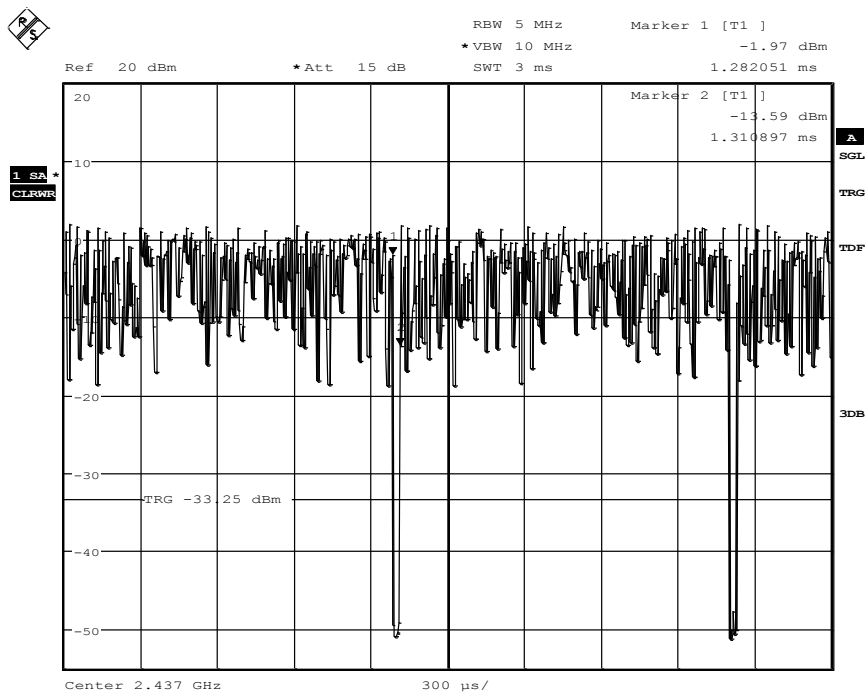
1.6. Duty-Cycle

1.6.1. b-Mode



Date: 7.APR.2016 16:18:33

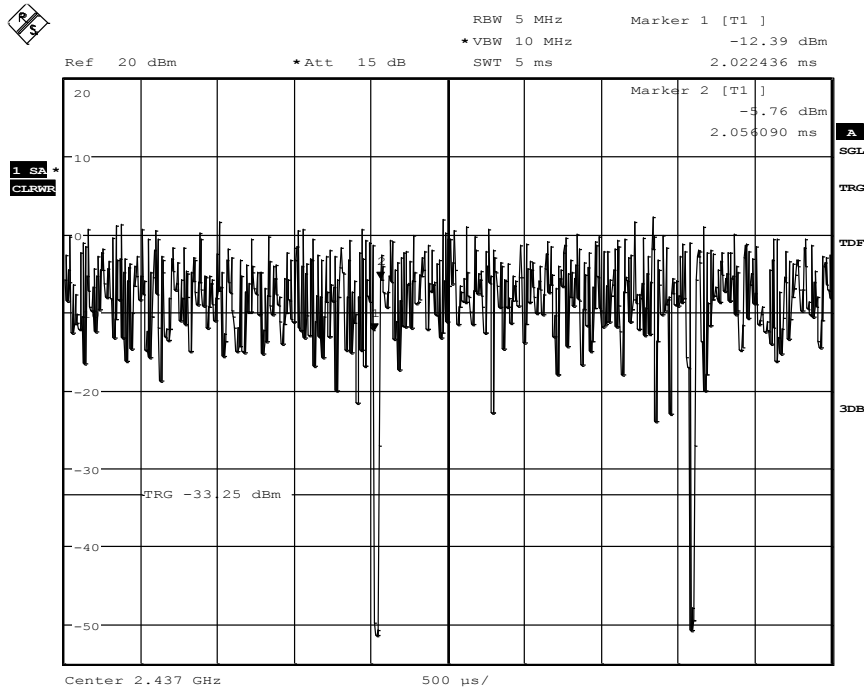
DutyCycle_Ch6_1MBit



Date: 7.APR.2016 16:12:03

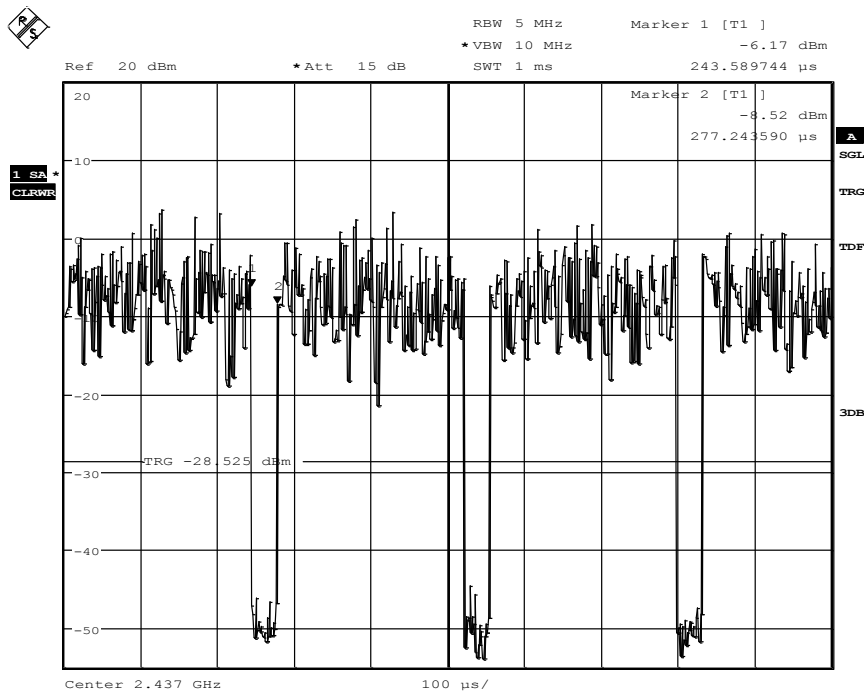
DutyCycle_Ch6_11MBit

1.6.2. g-Mode



Date: 7.APR.2016 16:11:10

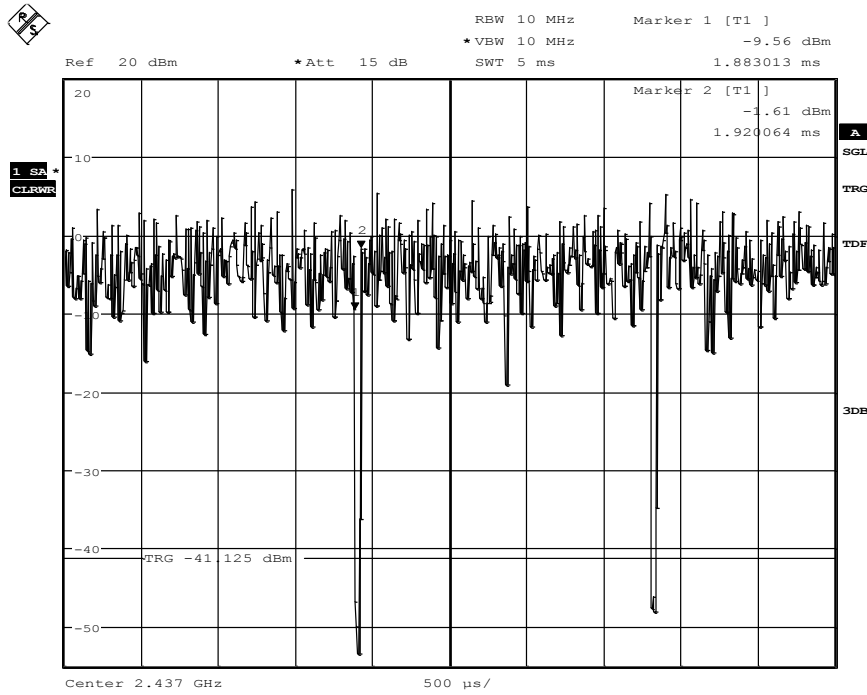
DutyCycle_Ch6_6MBit



Date: 7.APR.2016 16:10:05

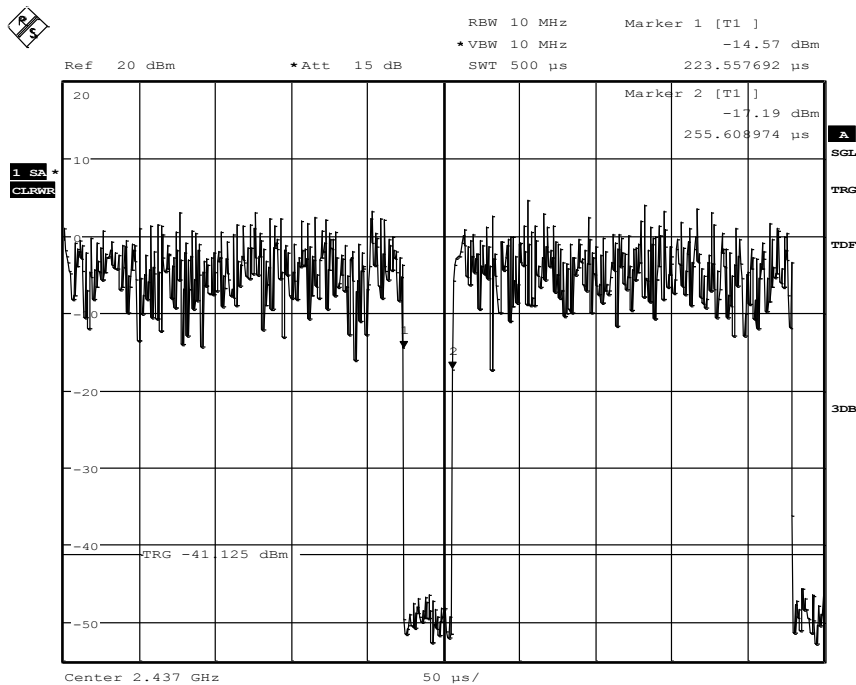
DutyCycle_Ch6_54MBit

1.6.3. n-Mode



Date: 7.APR.2016 16:15:29

DutyCycle_Ch6_MCS0



Date: 7.APR.2016 16:16:40

DutyCycle_Ch6_MCS7

1.7. Conducted RF-measurements on antenna port

1.7.1. Conducted RF-power

b-mode		Channel no. / [dBm]			Max-Value / [dBm]
Data rate	Modulation	1	6	13	
1MBit		1,26	0,77	1,05	1,26
2Mbit		1,24	0,70	0,93	
5.5Mbit		1,20	0,70	0,93	
11MBit		0,98	0,31	1,03	
22MBit					

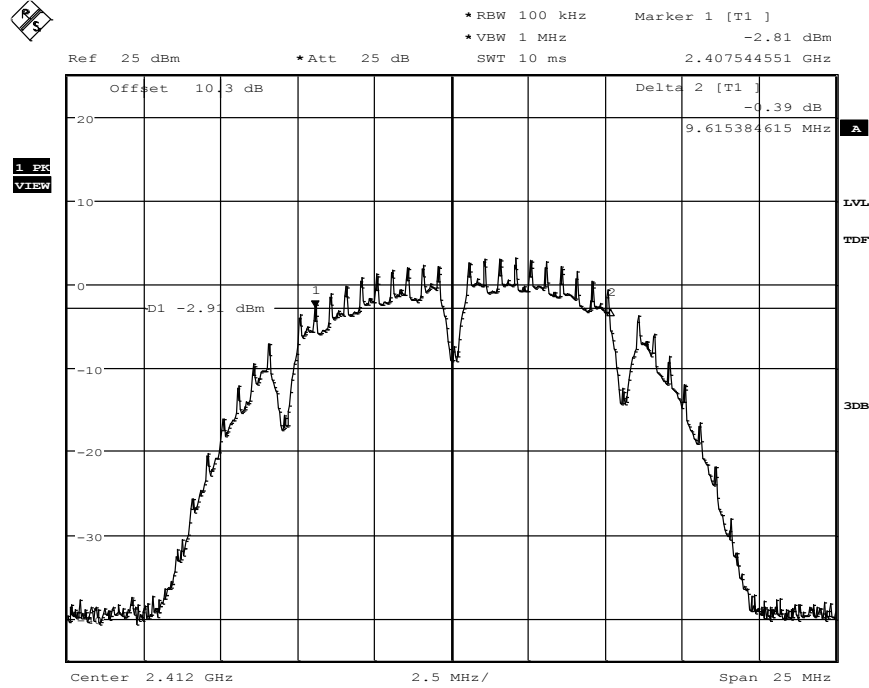
g-Mode		Channel no. / [dBm]			Max-Value / [dBm]
Data rate	Modulation	1	6	13	
6Mbit		1,19	1,15	1,04	1,48
9Mbit		1,19	1,16	1,04	
12Mbit		1,22	1,17	1,04	
18Mbit		1,25	1,21	1,14	
24Mbit		1,37	1,15	1,02	
36Mbit		1,40	1,19	1,07	
48Mbit		1,34	1,05	1,00	
54Mbit		1,48	1,19	1,11	

n-Mode HT20 (1 spatial stream: 1SS)		Channel no. / [dBm]			Max-Value / [dBm]
Data rate	Modulation	1	6	13	
MCS0 -6.5Mbps	BPSK	1,11	1,01	0,84	1,37
MCS1 - 13Mbps	QPSK	1,15	1,07	0,89	
MCS2 - 19.5Mbps	QPSK	1,13	1,05	0,85	
MCS3 - 26Mbps	QAM16	1,25	1,02	0,85	
MCS4 -39Mbps	QAM16	1,28	1,05	0,85	
MCS5 - 52Mbps	QAM64	1,28	1,06	0,84	
MCS6 - 58.5Mbps	QAM64	1,36	1,12	0,94	
MCS7 - 65Mbps	QAM64	1,37	1,11	0,89	

1.7.2. 6-dB Bandwidth

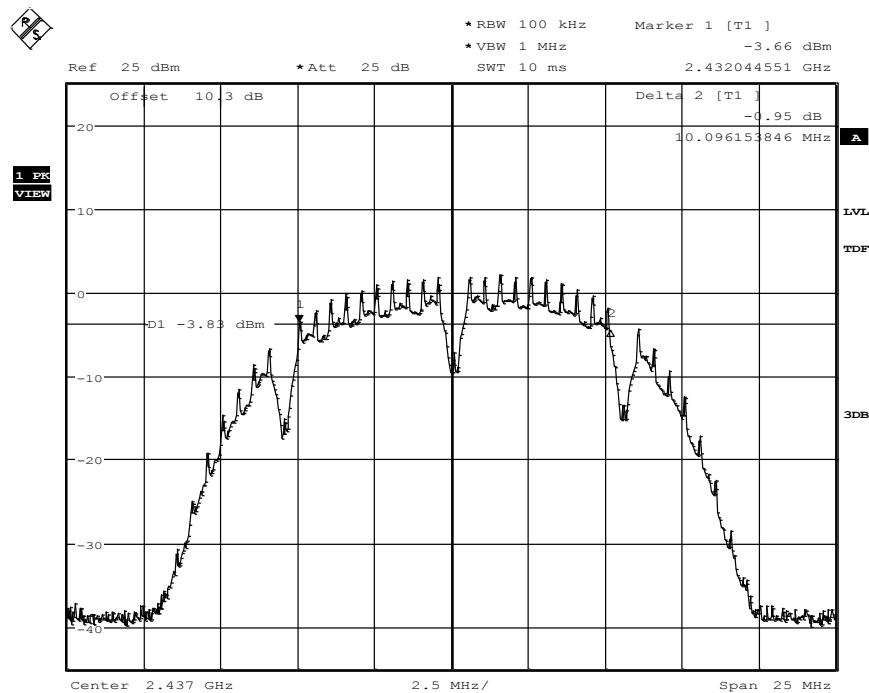
1.7.3. 6-dB Bandwidth (b-Mode) (1Mbit)

Channel 1 - Worst-Case 6dB-Bandwidth



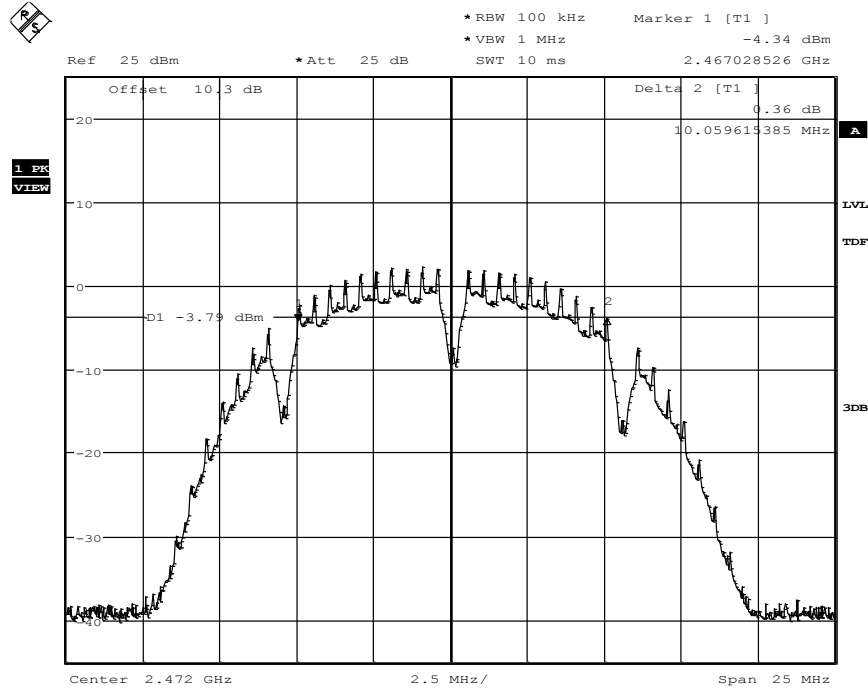
Date: 6.APR.2016 10:31:09

Channel 6 - Worst-Case 6dB-Bandwidth



Date: 6.APR.2016 10:57:19

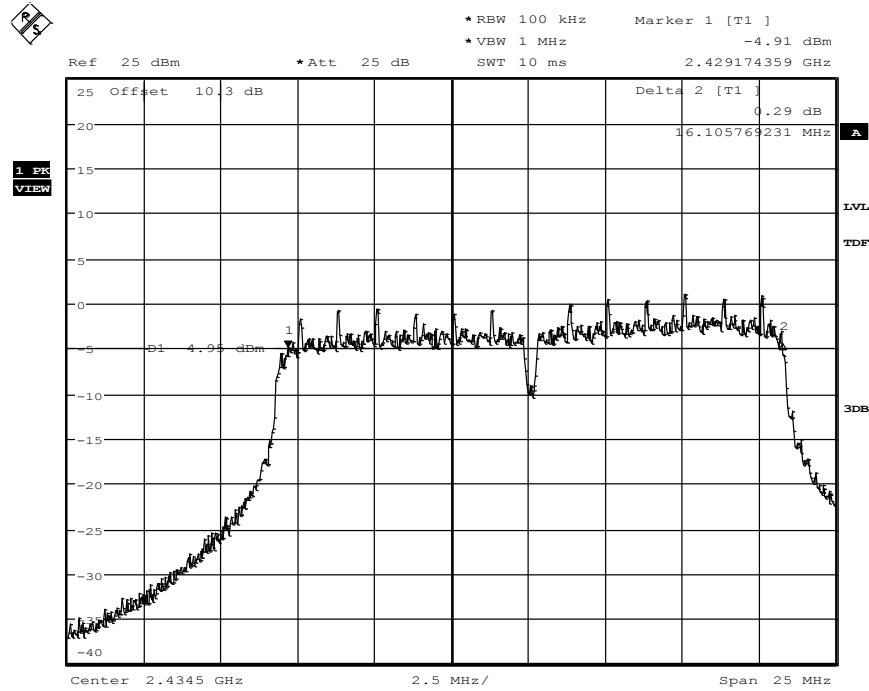
Channel 13 - Worst-Case 6dB-Bandwidth



Date: 6.APR.2016 11:01:53

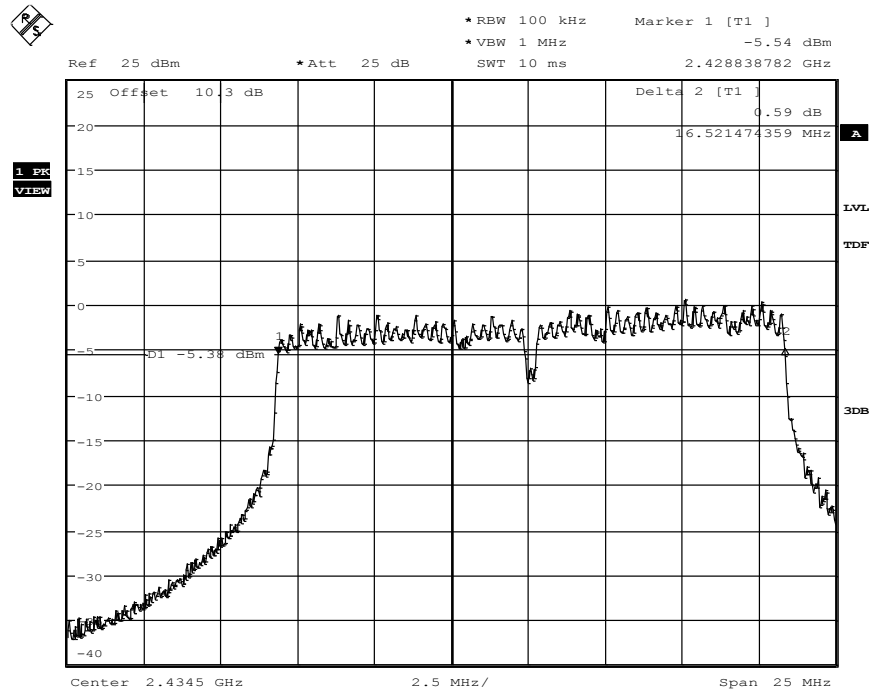
1.7.4. 6-dB Bandwidth (g-Mode)

Channel 6 6MBit- Worst-Case 6dB-Bandwidth



Date: 6.APR.2016 11:15:38

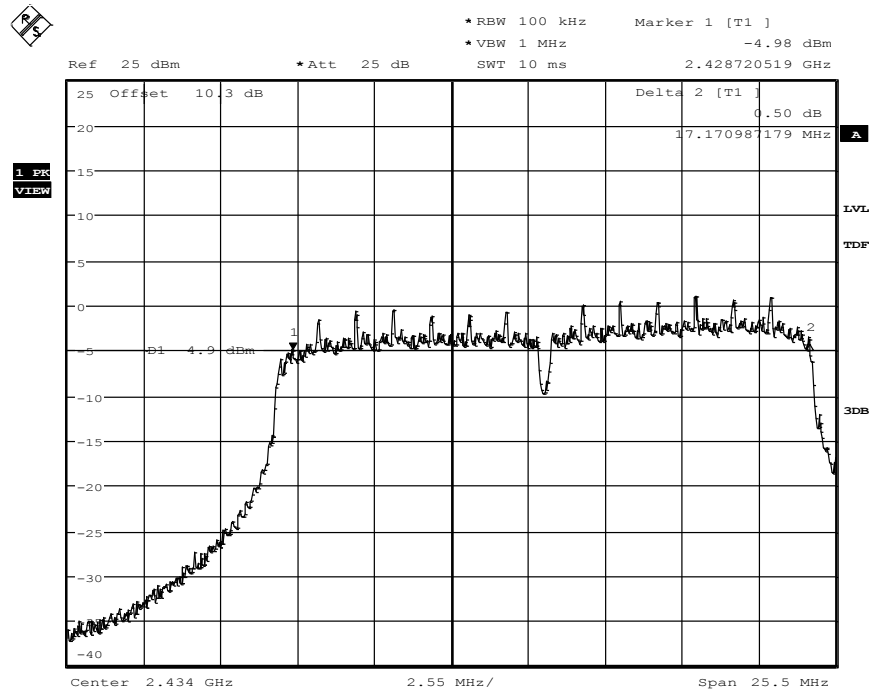
Channel 6 -54Mbit Worst-Case 6dB-Bandwidth



Date: 6.APR.2016 11:21:21

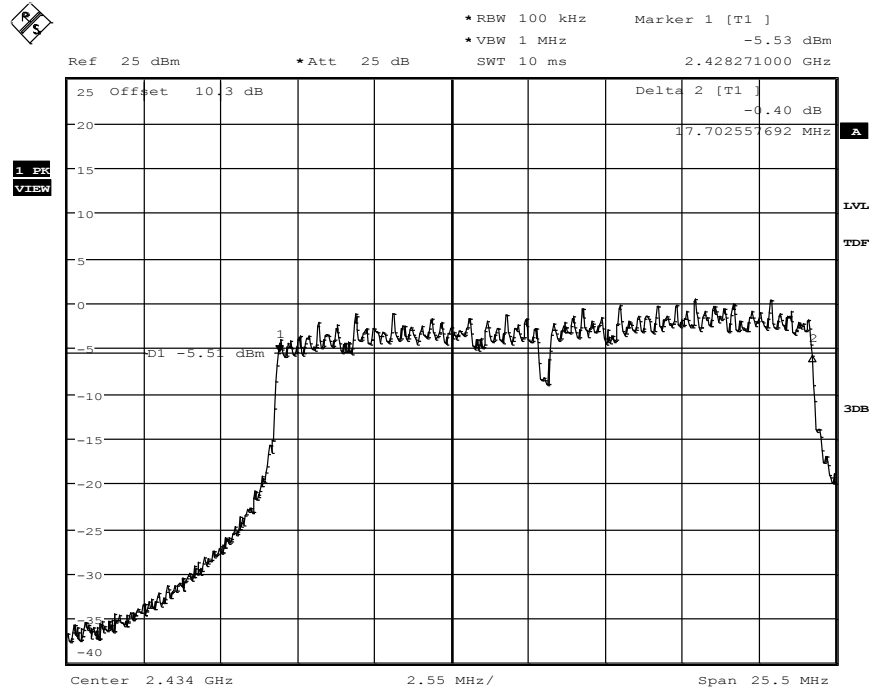
1.7.5. 6-dB Bandwidth (n-Mode)

Channel 6 – MCS0 Worst-Case 6dB-Bandwidth



Date: 6.APR.2016 11:42:25

Channel 6 – MCS7 Worst-Case 6dB-Bandwidth

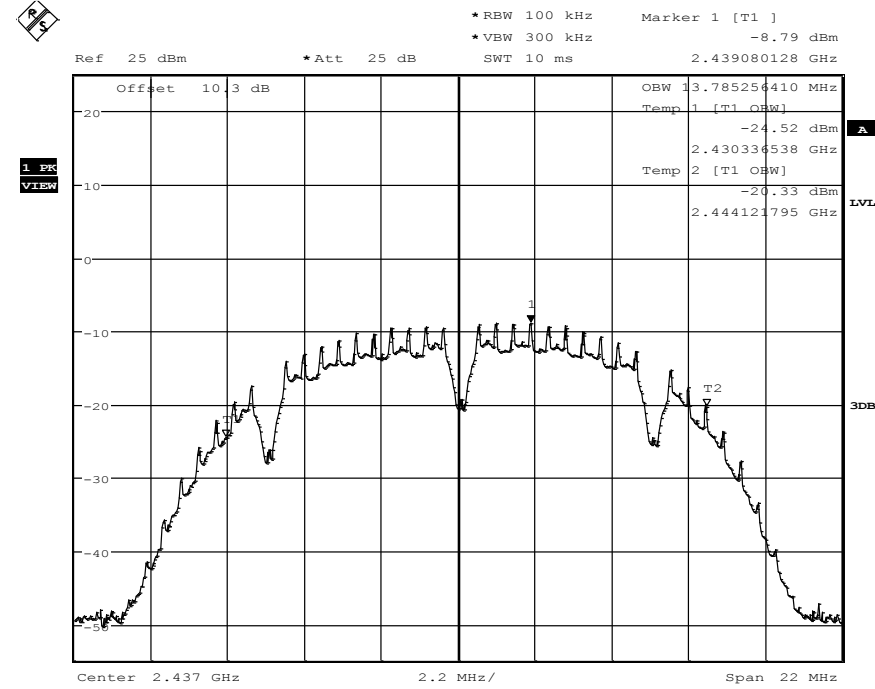


Date: 6.APR.2016 11:48:35

1.8. 99% Occupied Bandwidth

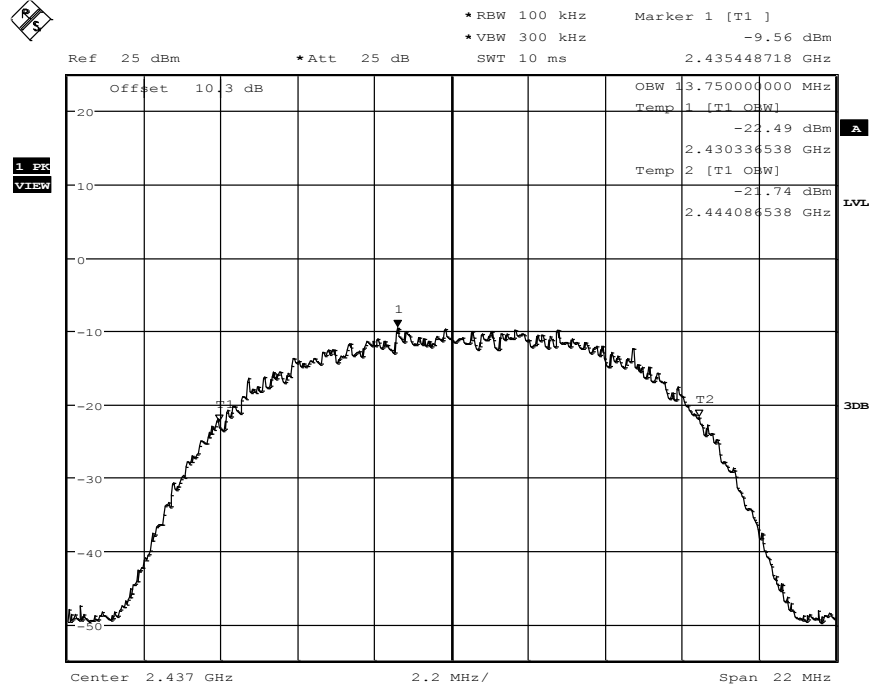
1.8.1. OBW - Bandwidth (b-Mode)

Channel 6 (1MBit)



Date: 6.APR.2016 12:27:05

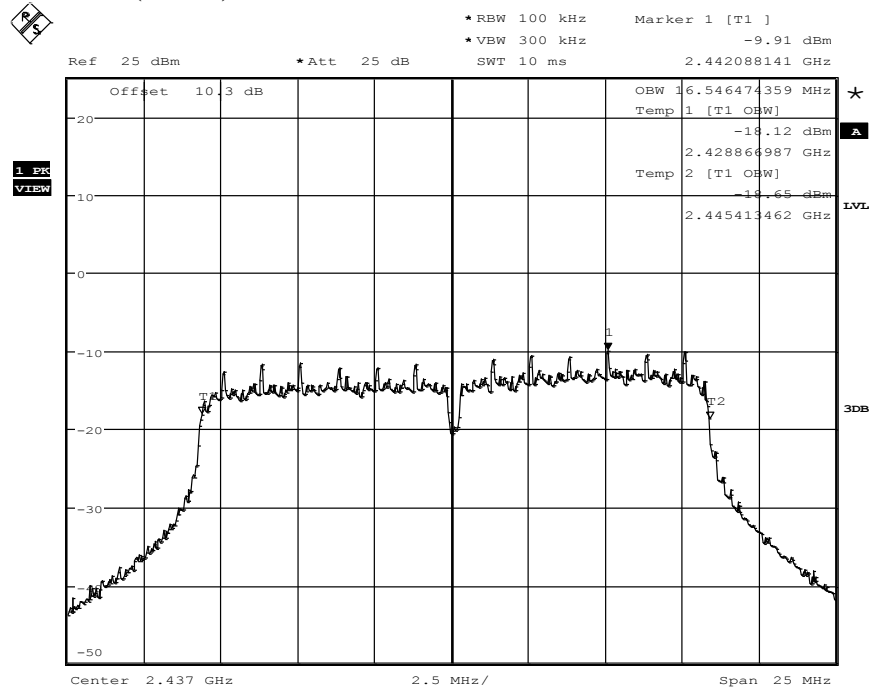
Channel 6 (11 MBit)



Date: 6.APR.2016 12:20:28

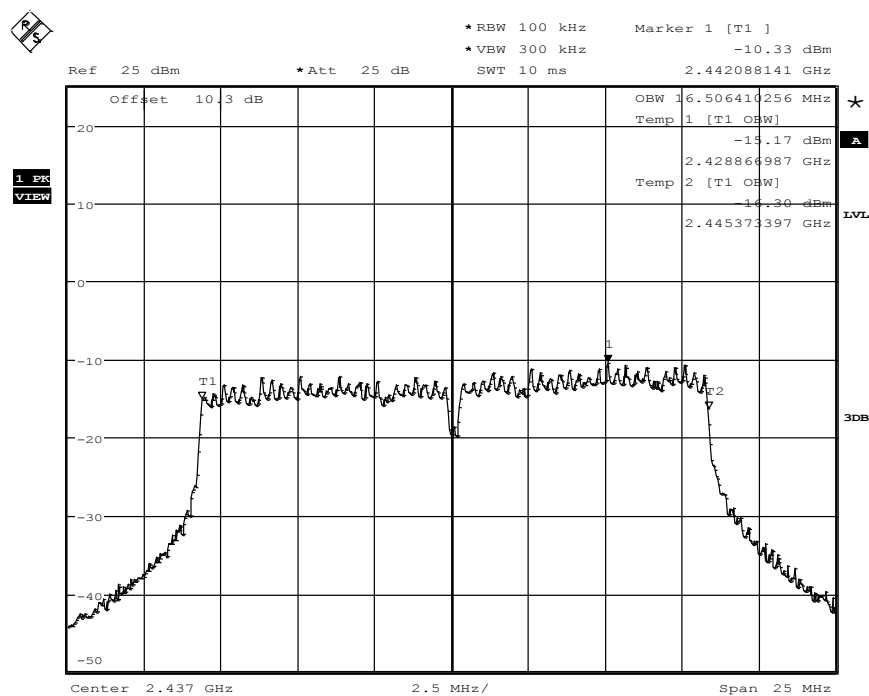
1.8.2. OBW - Bandwidth (g-Mode)

Channel 6 (6 MBit)



Date: 6.APR.2016 12:13:02

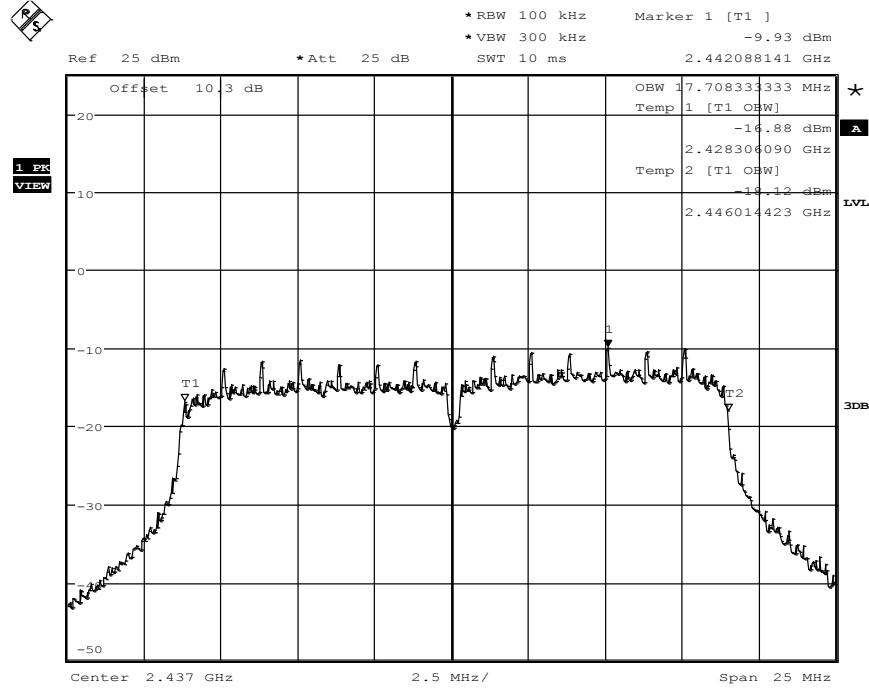
Channel 54 (MBit)



Date: 6.APR.2016 12:07:53

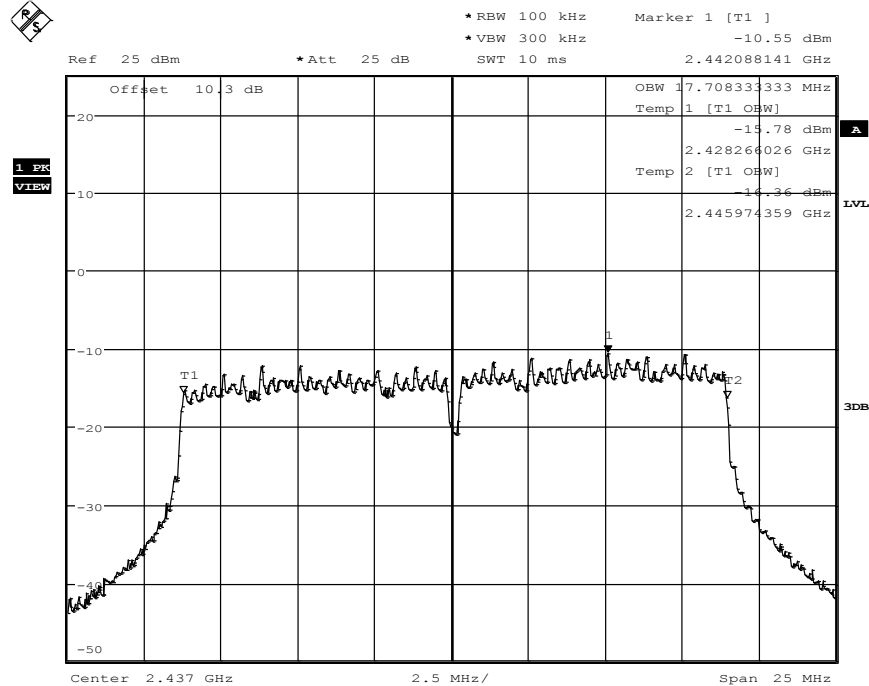
1.8.3. OBW - Bandwidth (n-Mode)

Channel 6 MCS0



Date: 6.APR.2016 12:02:28

Channel 6 MCS7

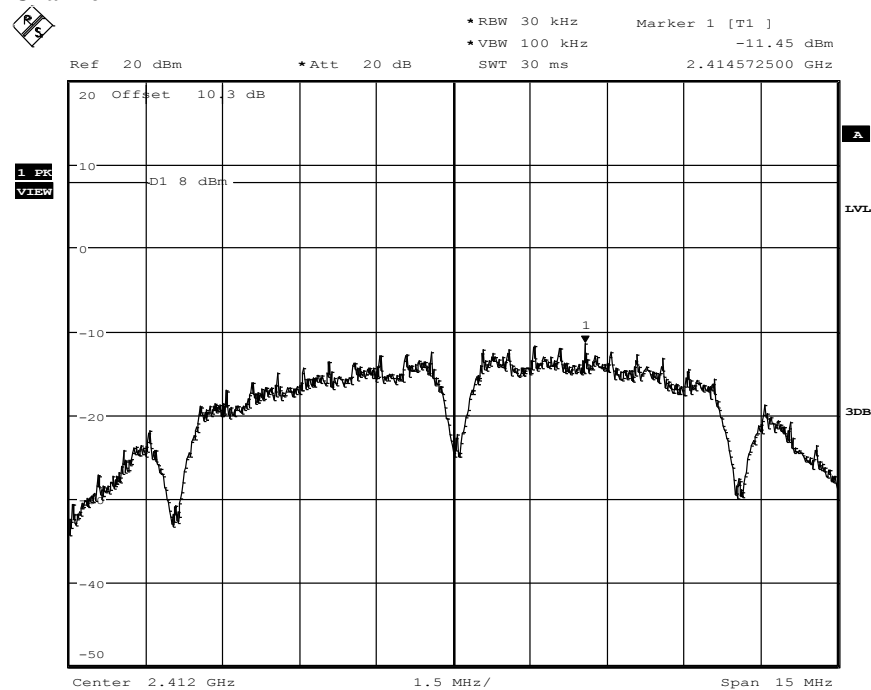


Date: 6.APR.2016 11:56:59

1.9. Power Spectral Density

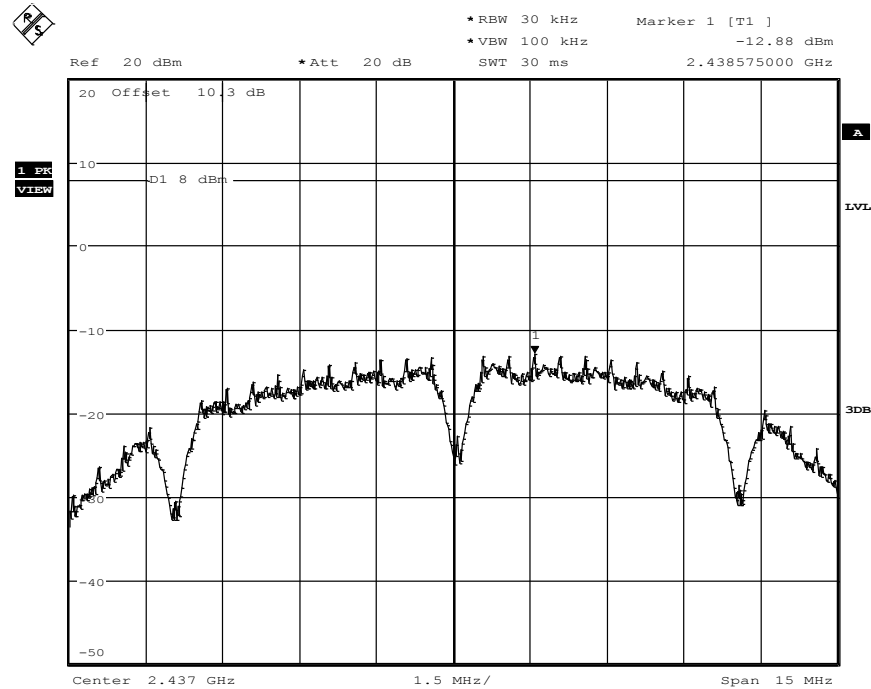
1.9.1. PSD (b-Mode) (1Mbit)

Channel 1



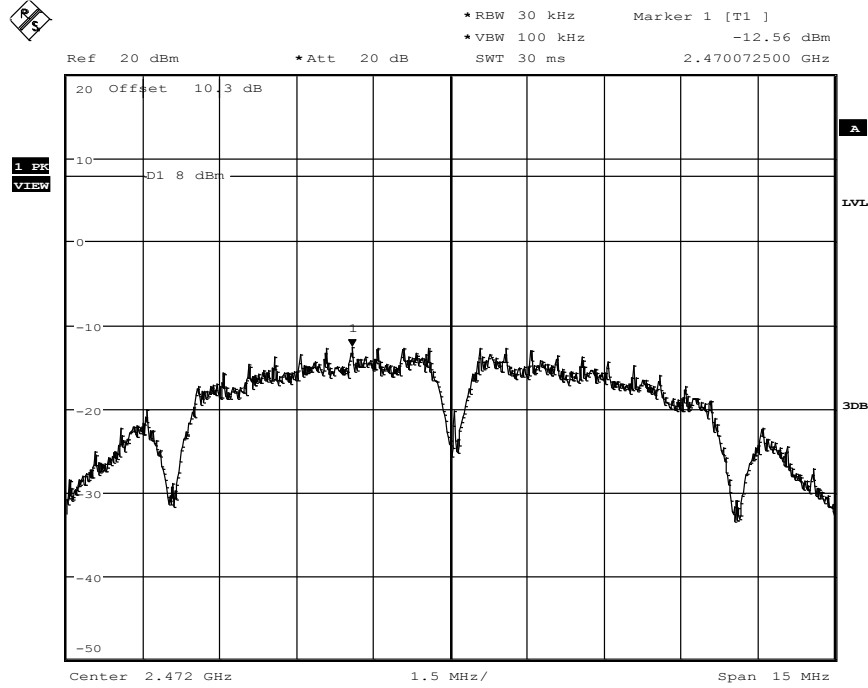
Date: 6.APR.2016 12:38:31

Channel 6



Date: 6.APR.2016 12:34:24

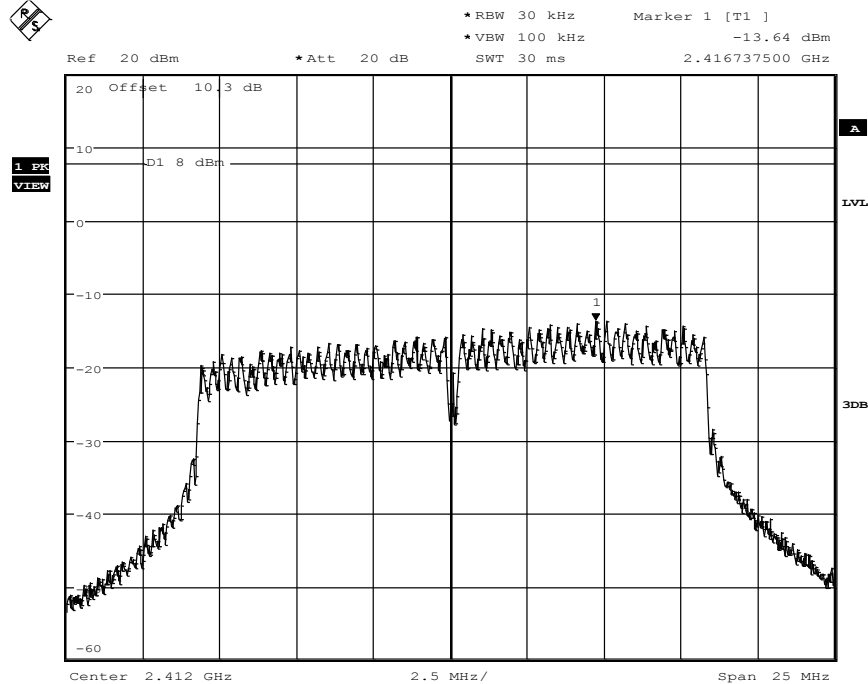
Channel 11



Date: 6.APR.2016 12:42:35

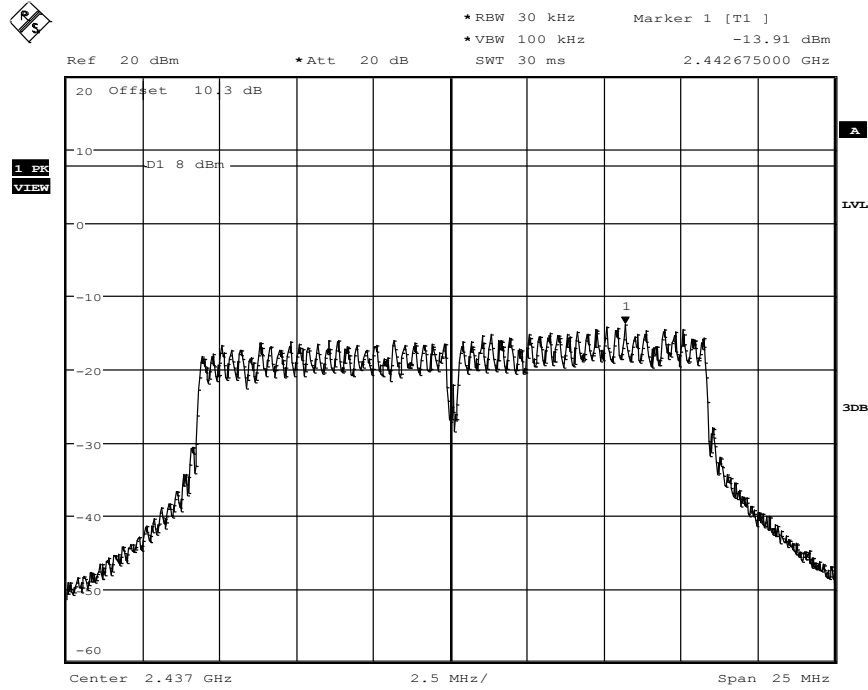
1.9.2. PSD (g-Mode)(54Mbit)

Channel 1



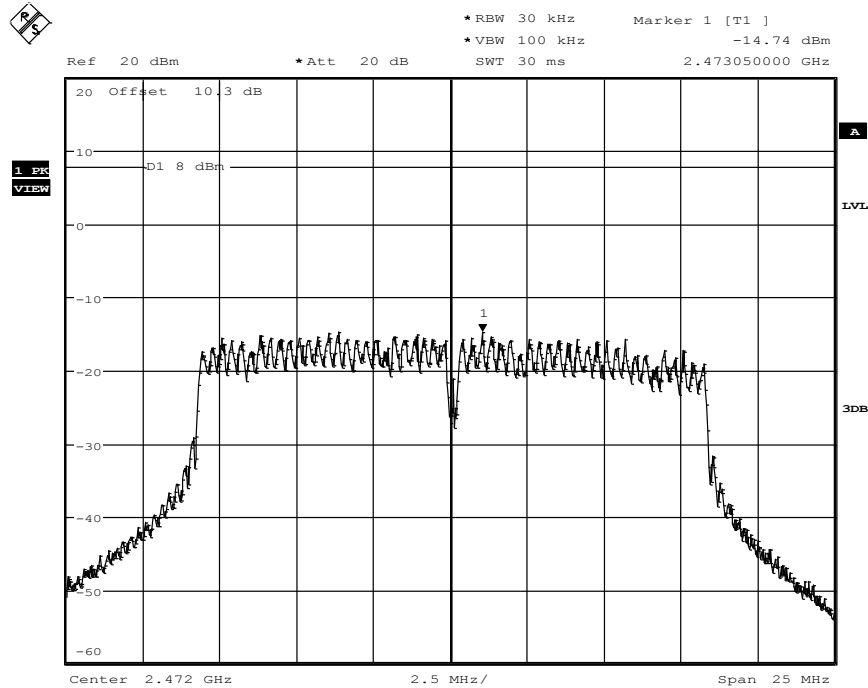
Date: 6.APR.2016 12:57:42

Channel 6



Date: 6.APR.2016 12:55:44

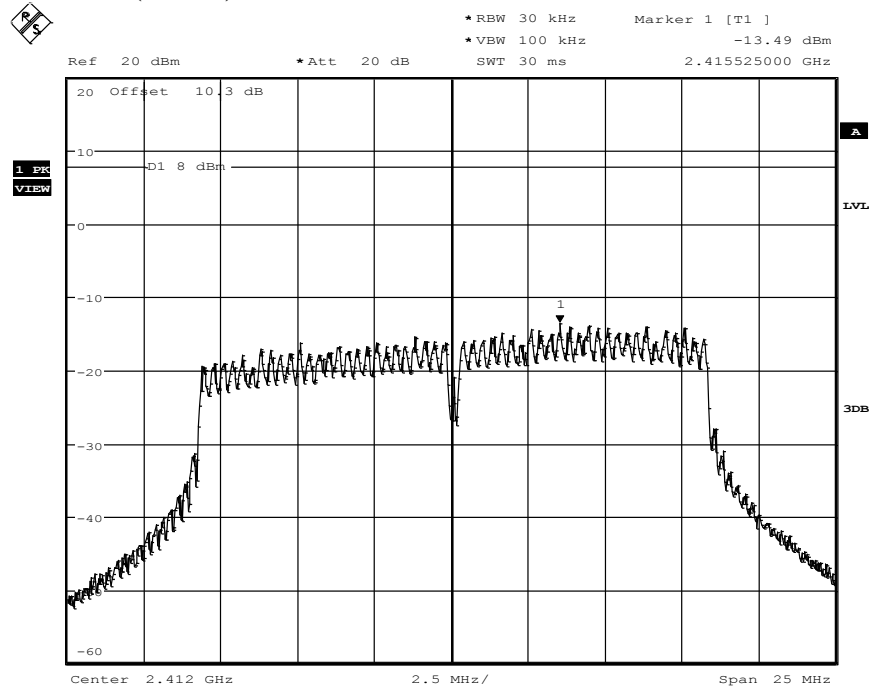
Channel 13



Date: 6.APR.2016 12:49:27

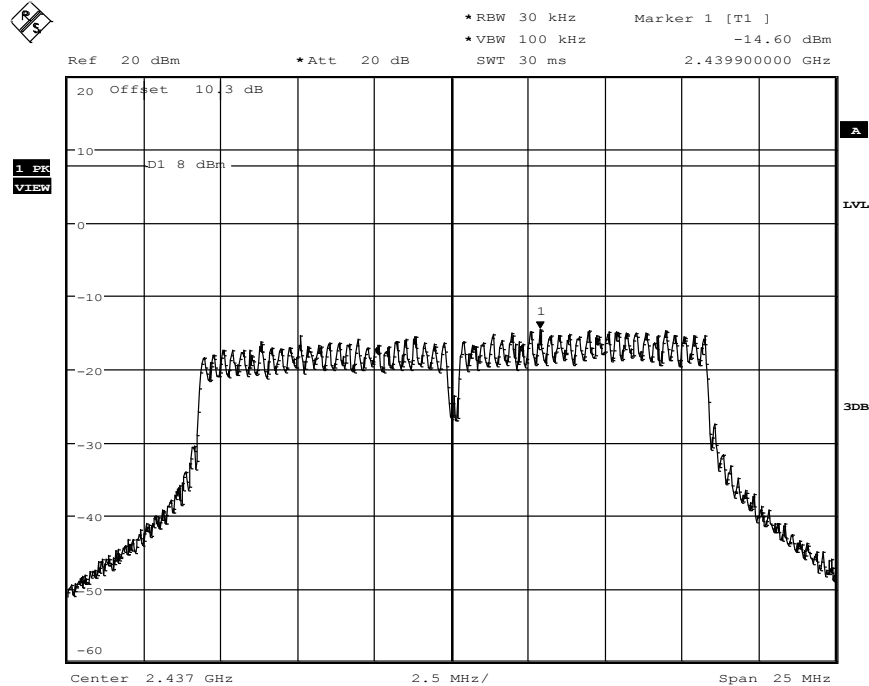
1.9.3. PSD (g-Mode) (18Mbit)

Channel 1 (36Mbit)



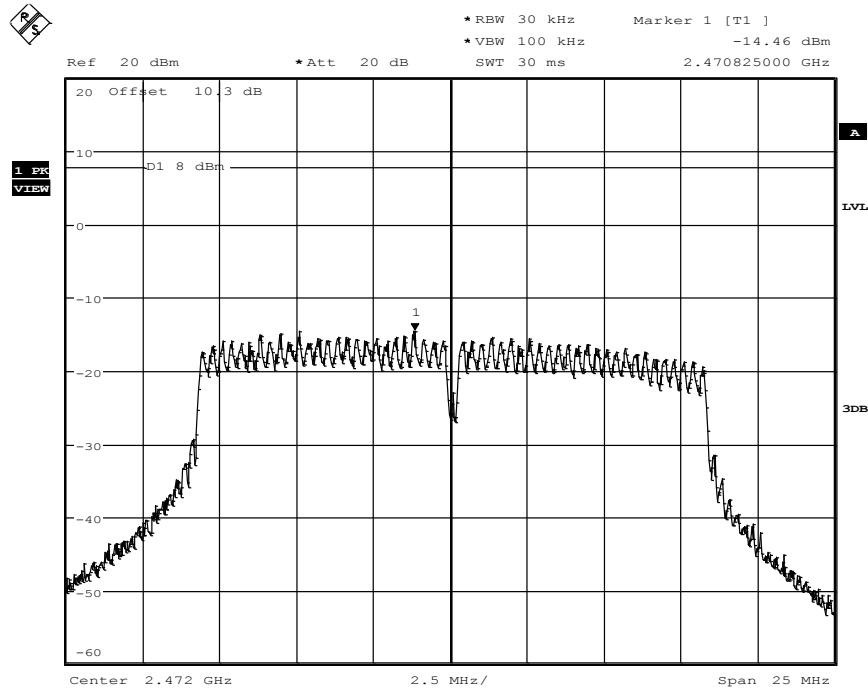
Date: 6.APR.2016 13:25:50

Channel 6



Date: 6.APR.2016 13:30:34

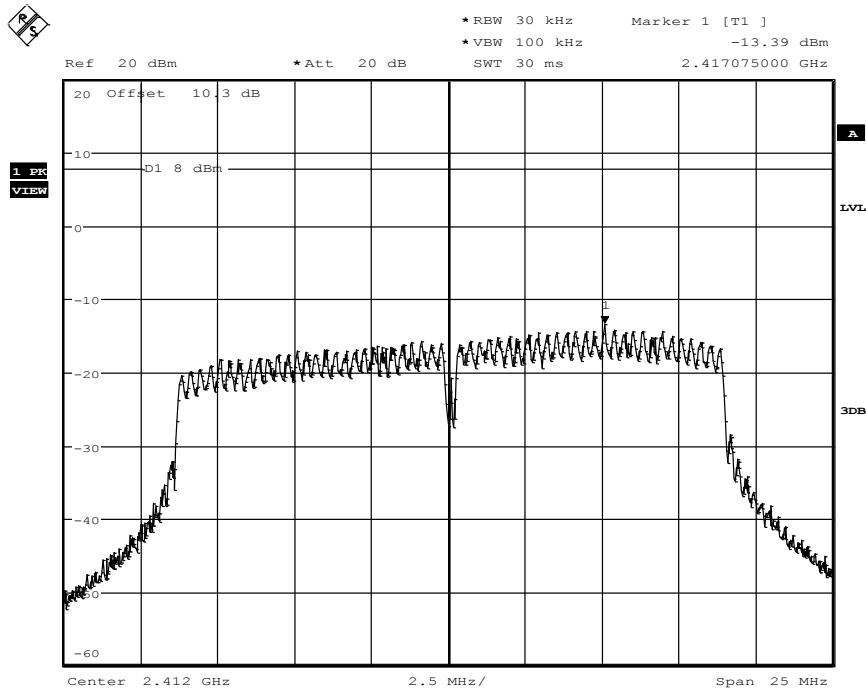
Channel 13



Date: 6.APR.2016 13:33:35

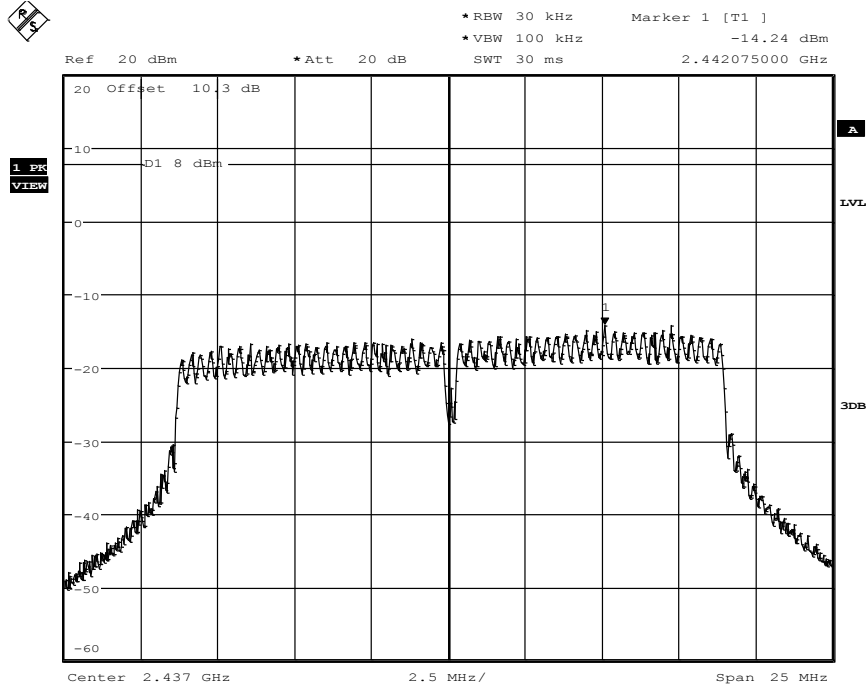
1.9.4. PSD (n-Mode) (MCS1)

Channel 1



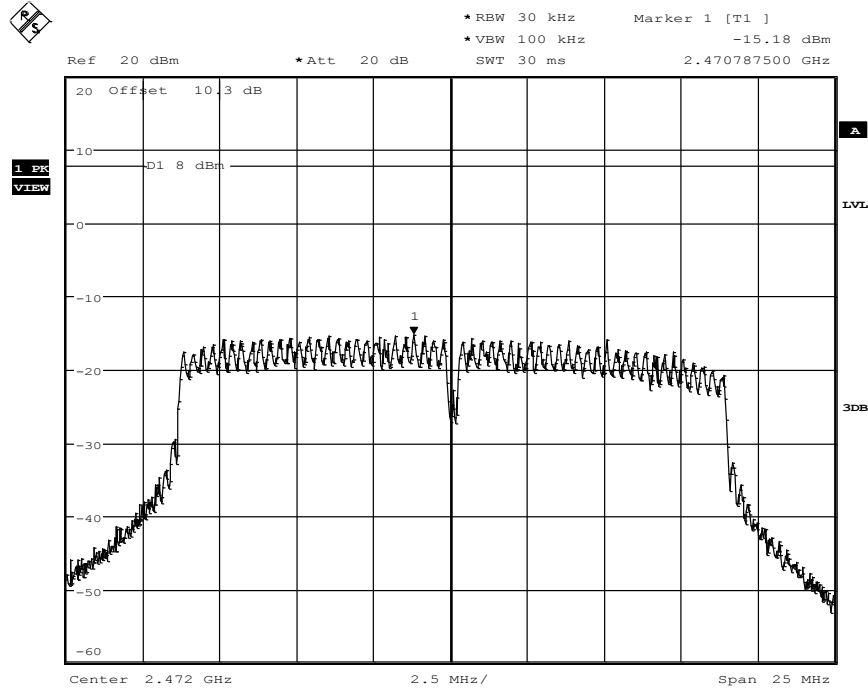
Date: 6.APR.2016 14:09:48

Channel 6



Date: 6.APR.2016 13:47:36

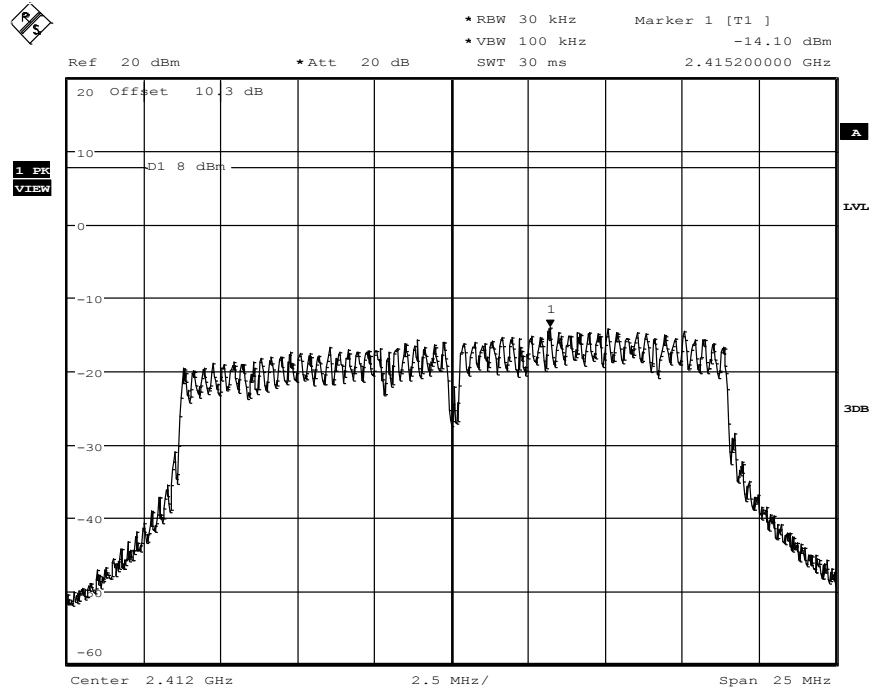
Channel 13



Date: 6.APR.2016 13:42:57

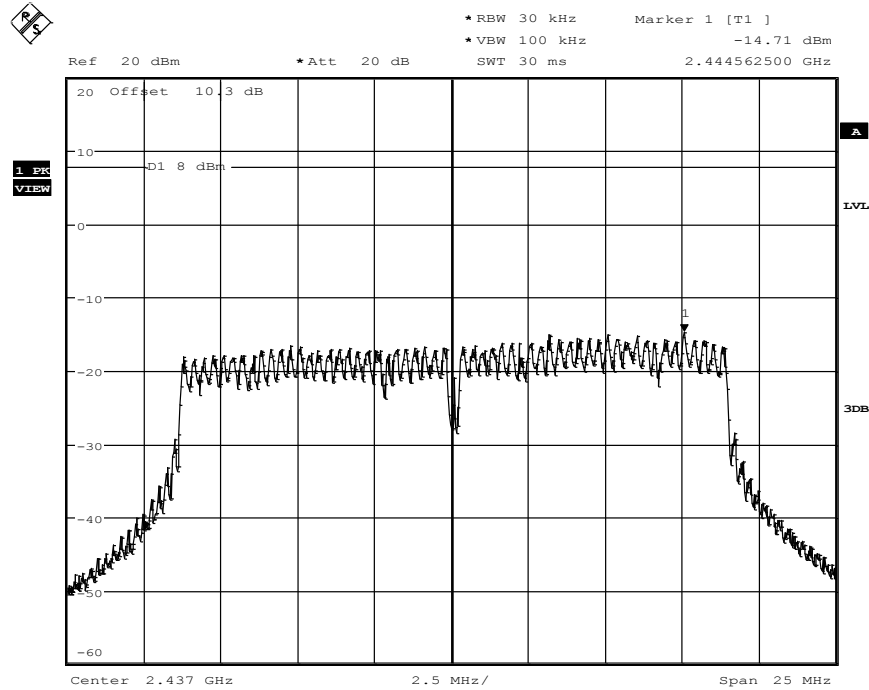
1.9.5. PSD (n-Mode) (MCS7)

Channel 1



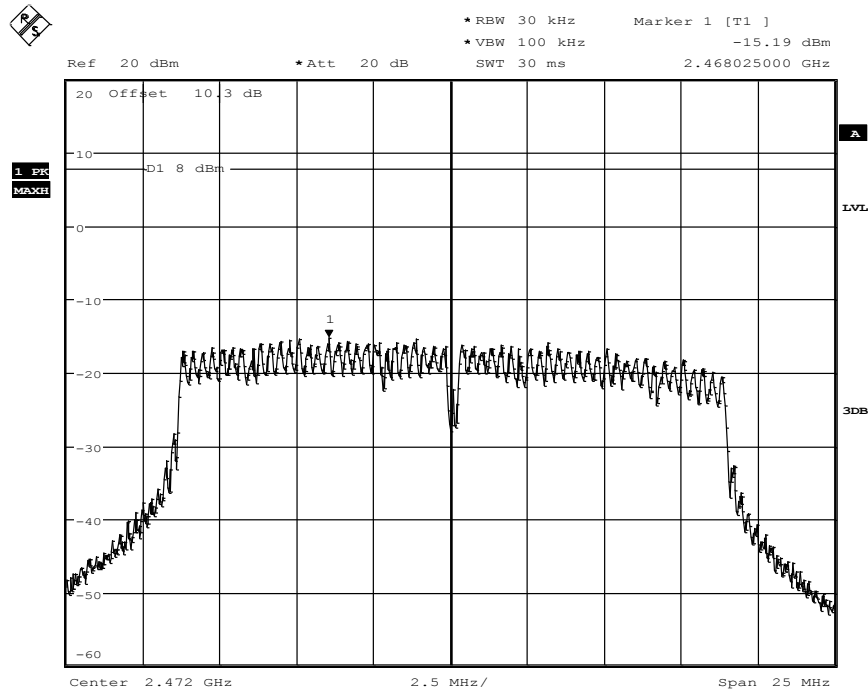
Date: 6.APR.2016 13:58:06

Channel 6



Date: 6.APR.2016 13:51:46

Channel 11

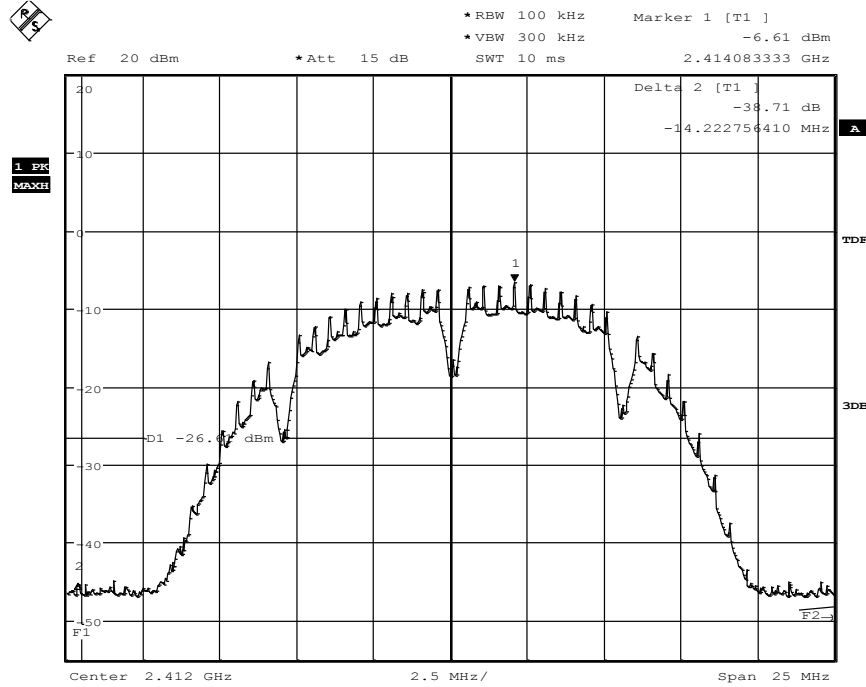


Date: 6.APR.2016 13:38:46

1.10. 20dBc Emissions

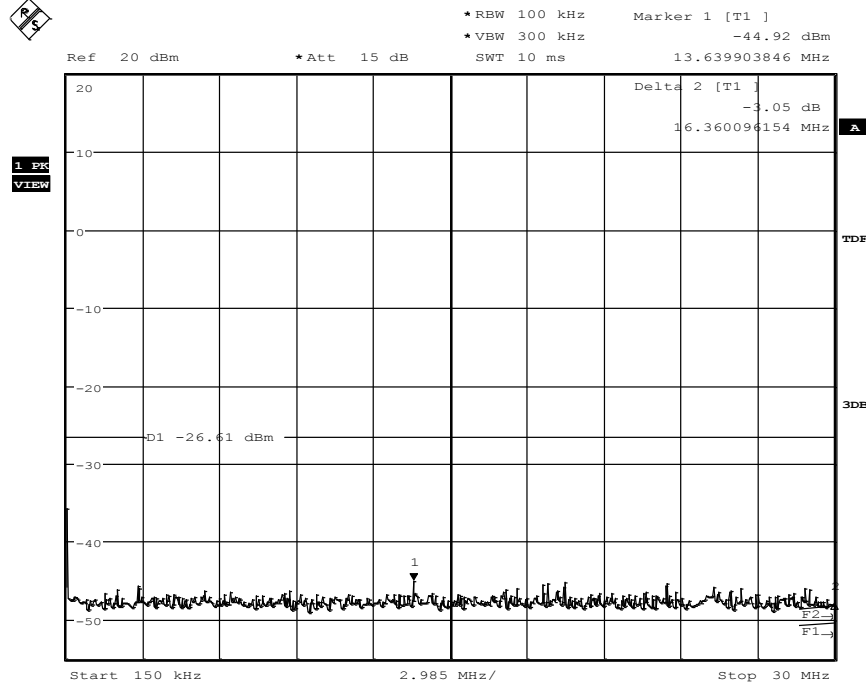
1.10.1. b-Mode Channel 1 (1 Mbit)

1.10.1.1. Channel 1 Reference



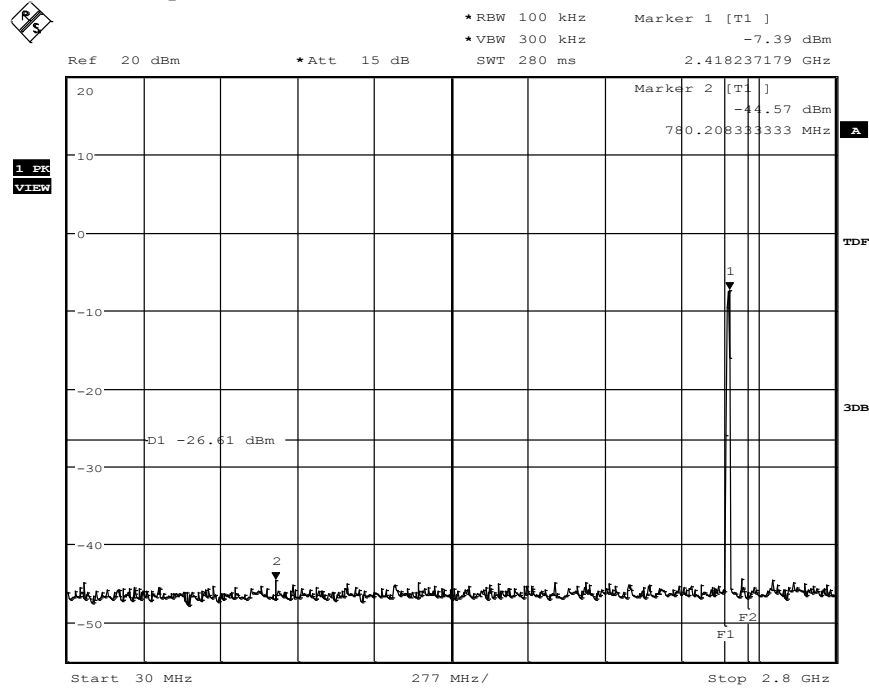
Date: 7.APR.2016 15:50:27

1.10.1.2. Sweep 1: 150kHz to 30MHz



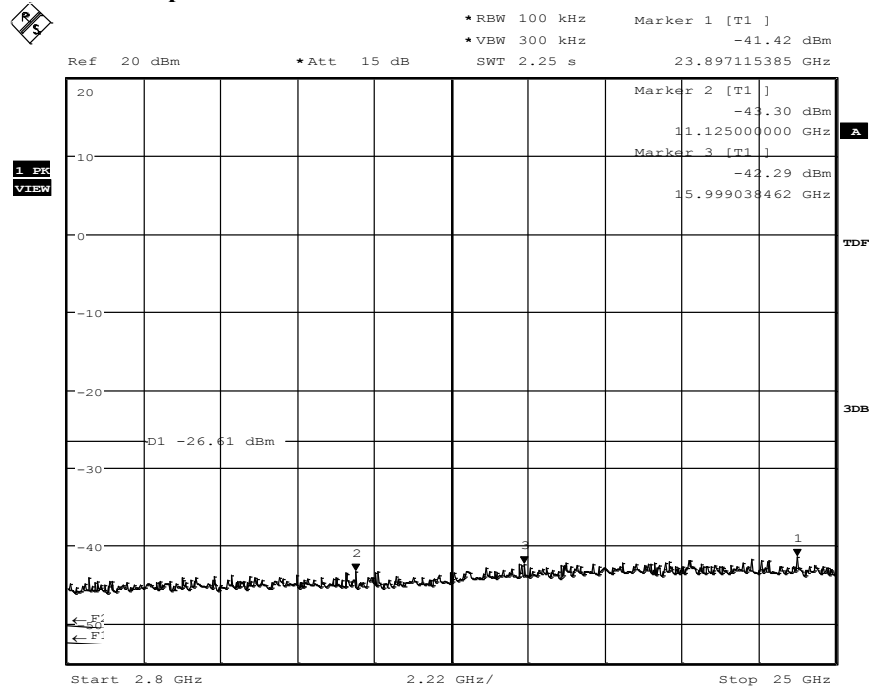
Date: 7.APR.2016 15:53:42

1.10.1.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 15:56:41

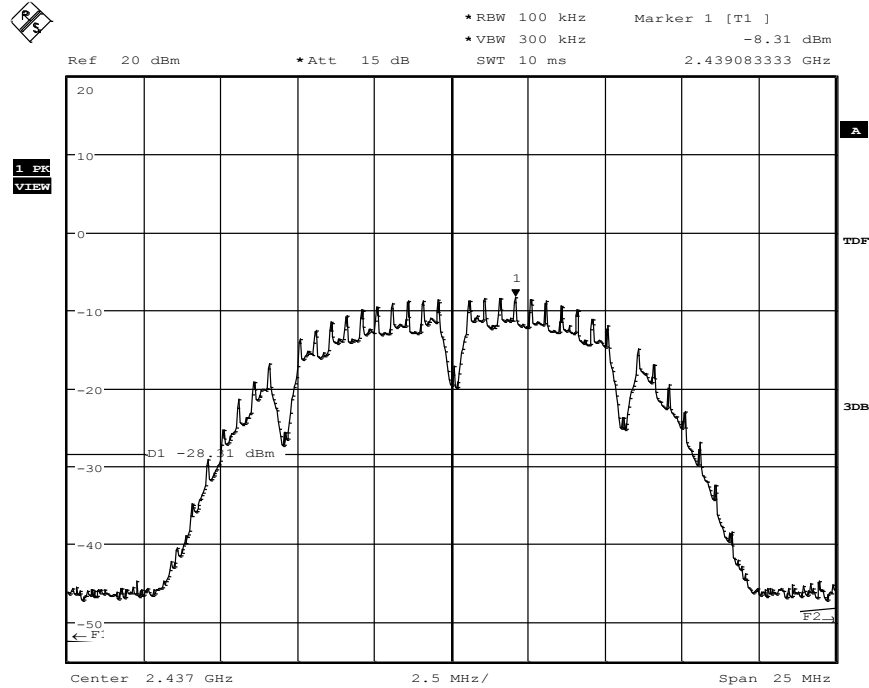
1.10.1.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 16:05:11

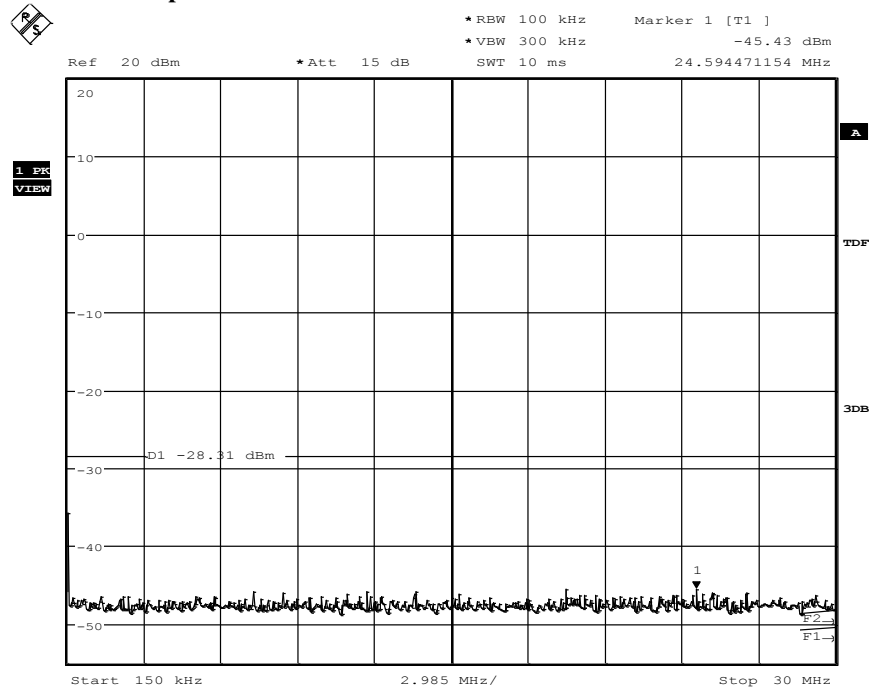
1.10.2. b-Channel 6

1.10.2.1. Channel 6 Reference



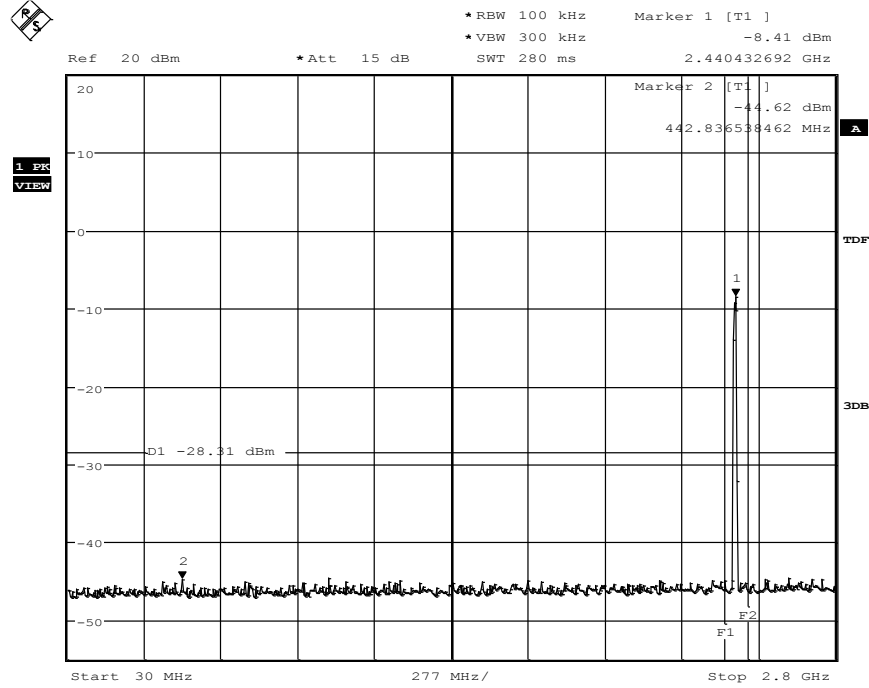
Date: 7.APR.2016 15:30:03

1.10.2.2. Sweep 1: 150kHz to 30MHz



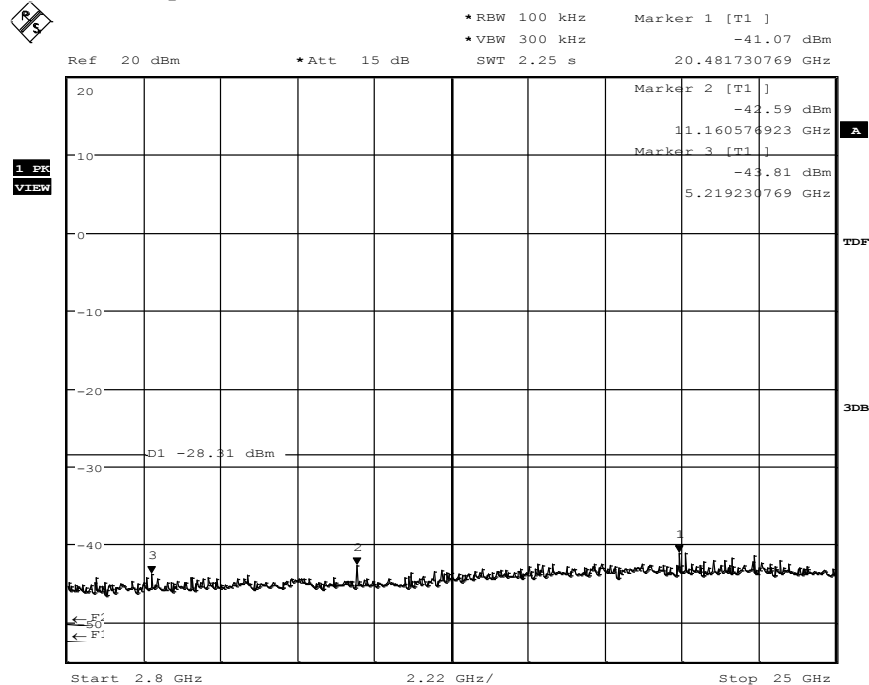
Date: 7.APR.2016 15:34:05

1.10.2.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 15:39:11

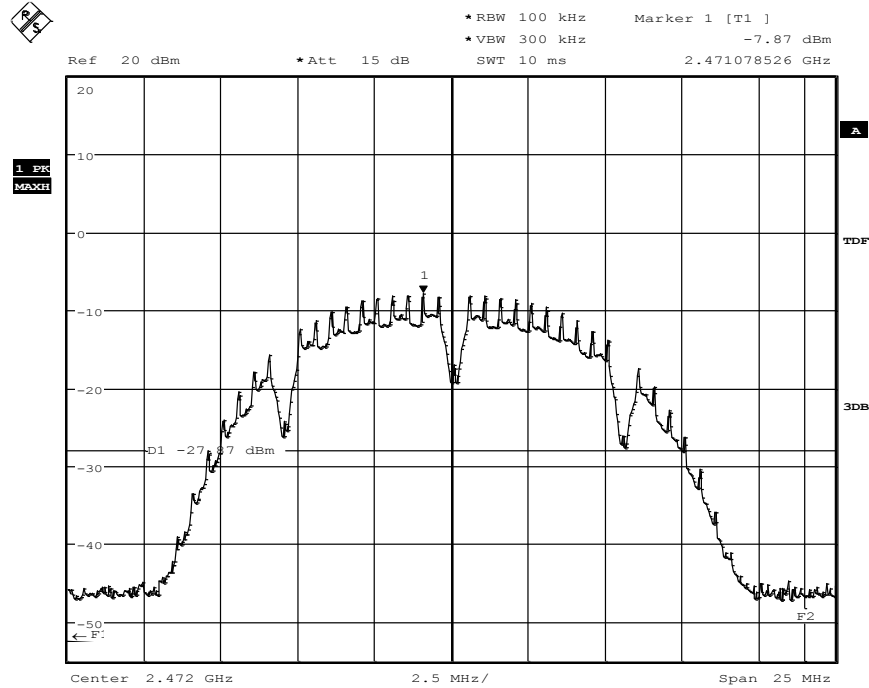
1.10.2.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 15:44:01

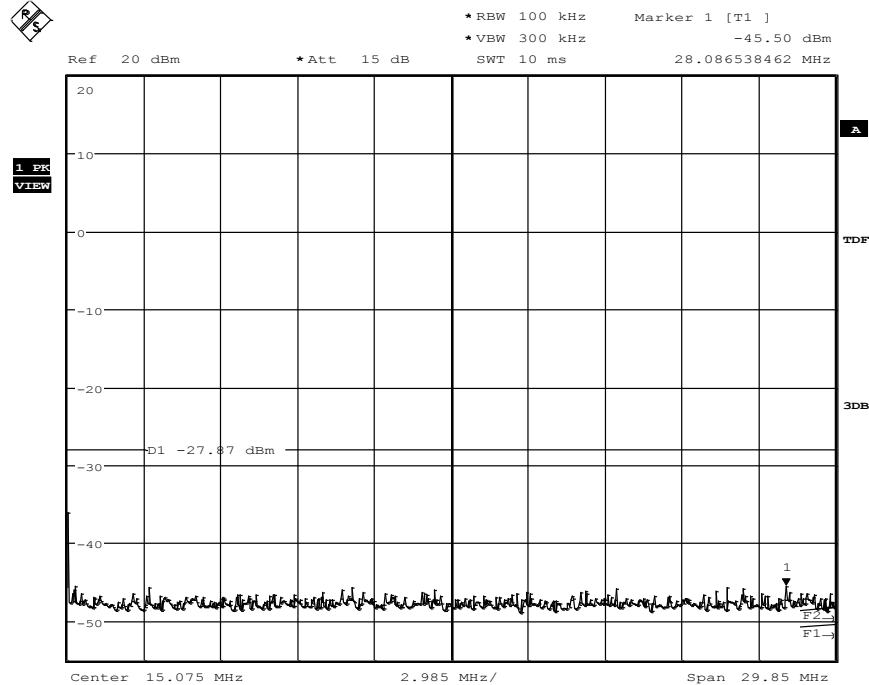
1.10.3. b-Mode Channel 13 (1 Mbit)

1.10.3.1. Channel 11 Reference



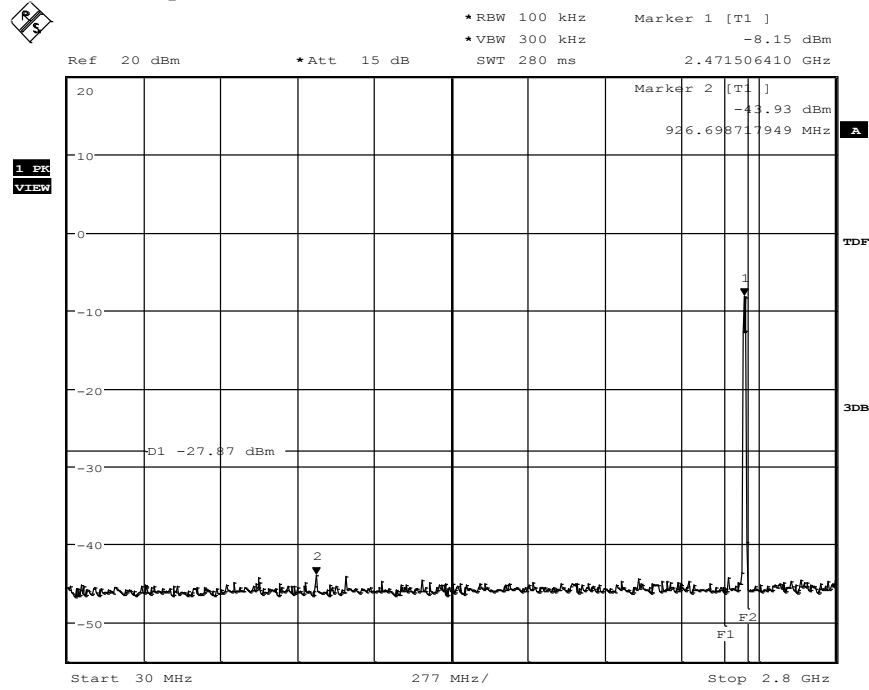
Date: 7.APR.2016 15:04:28

1.10.3.2. Sweep 1: 150kHz to 30MHz



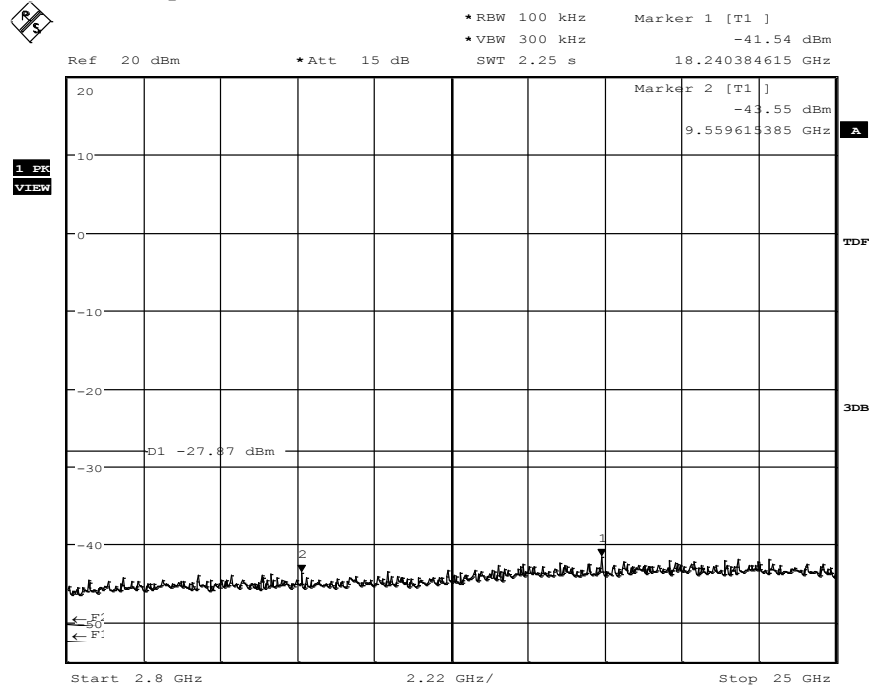
Date: 7.APR.2016 15:07:51

1.10.3.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 15:19:46

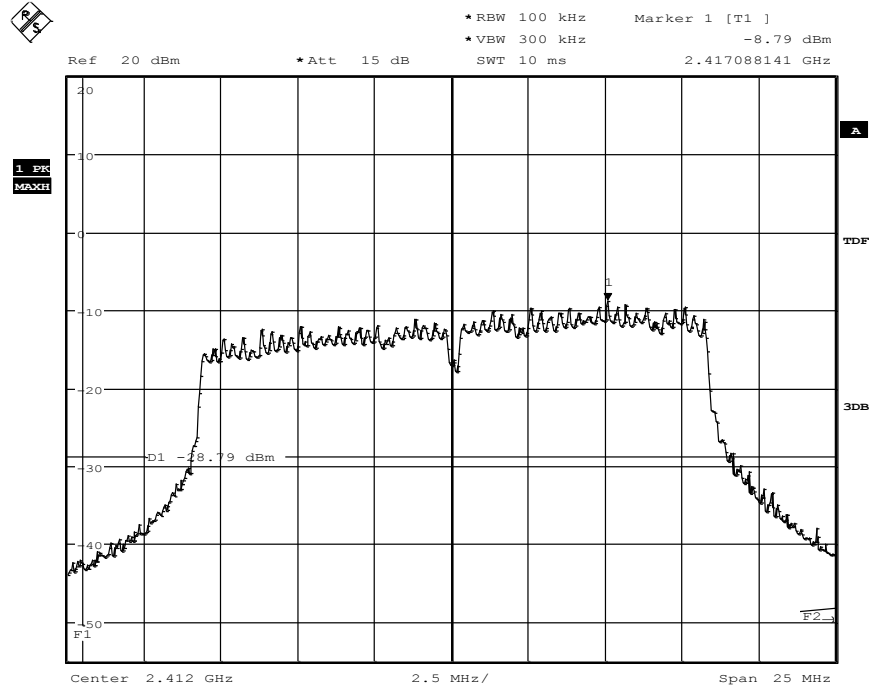
1.10.3.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 15:24:31

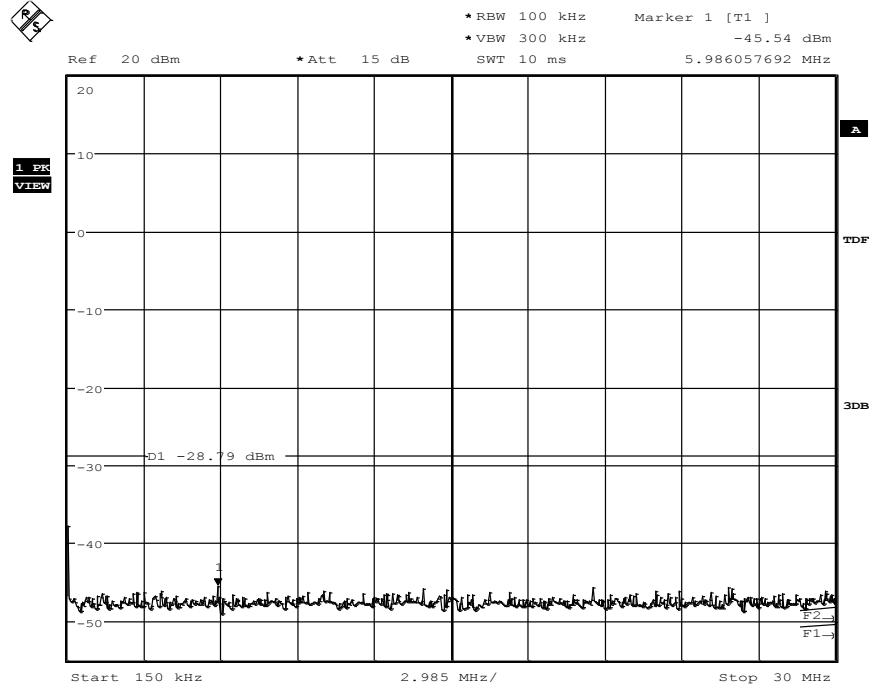
1.10.4. g-Mode Channel 1 (54 Mbit)

1.10.4.1. Channel 1 Reference



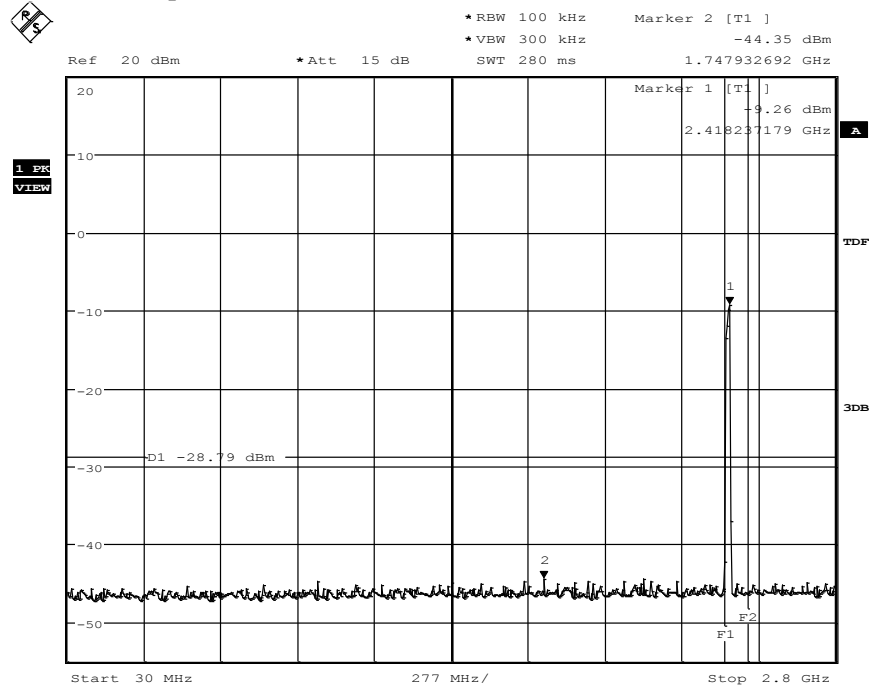
Date: 7.APR.2016 13:40:16

1.10.4.2. Sweep 1: 150kHz to 30MHz



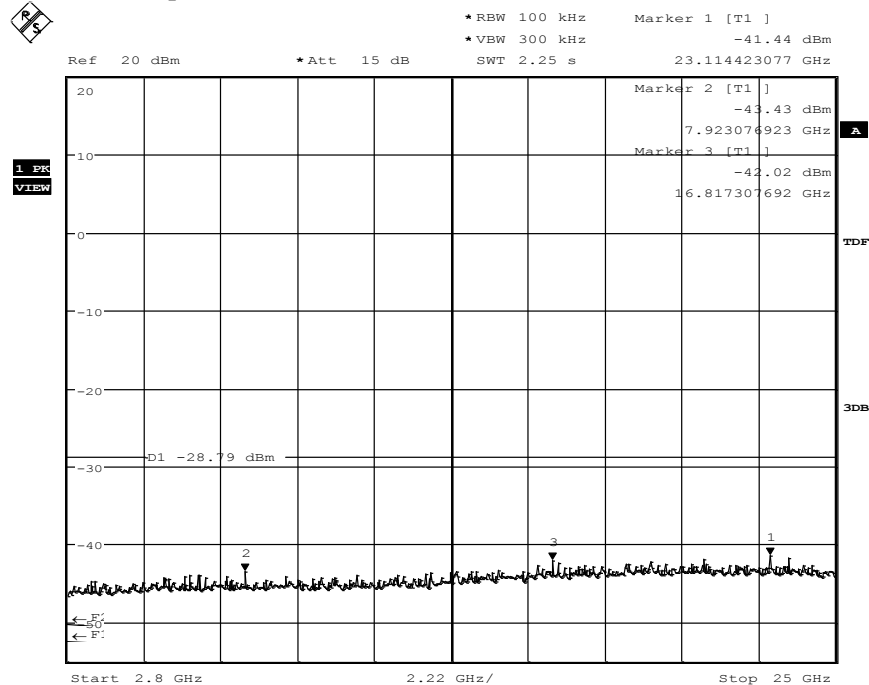
Date: 7.APR.2016 13:44:26

1.10.4.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 13:48:16

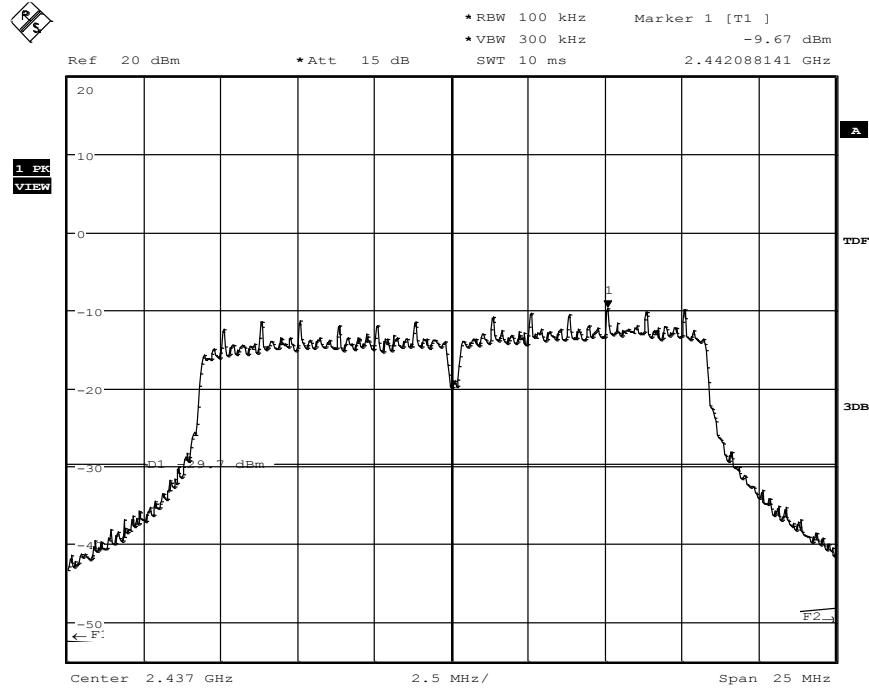
1.10.4.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 13:56:15

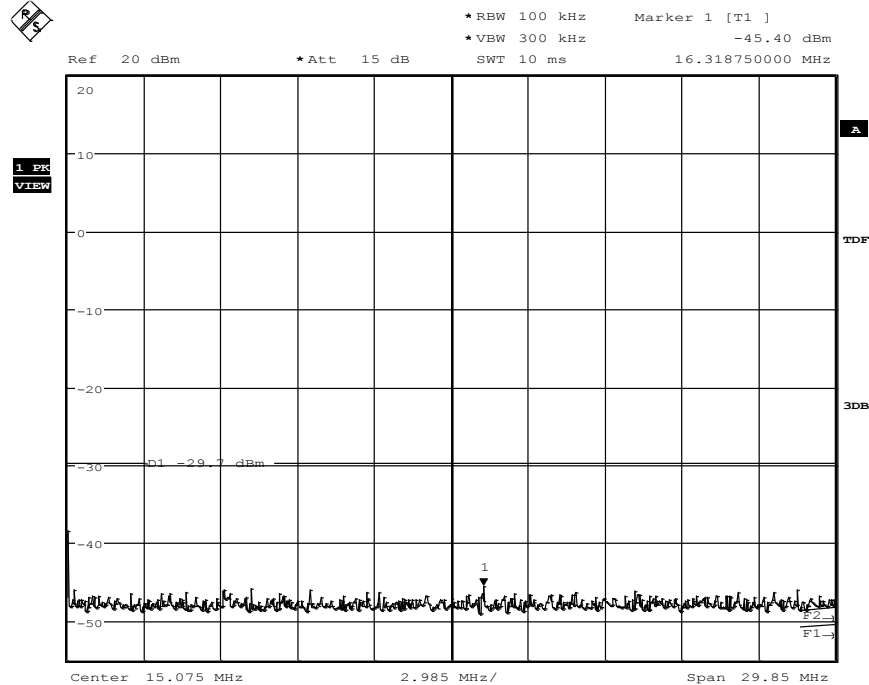
1.10.5. g-Mode Channel 6 (18 Mbit)

1.10.5.1. Channel 6 Reference



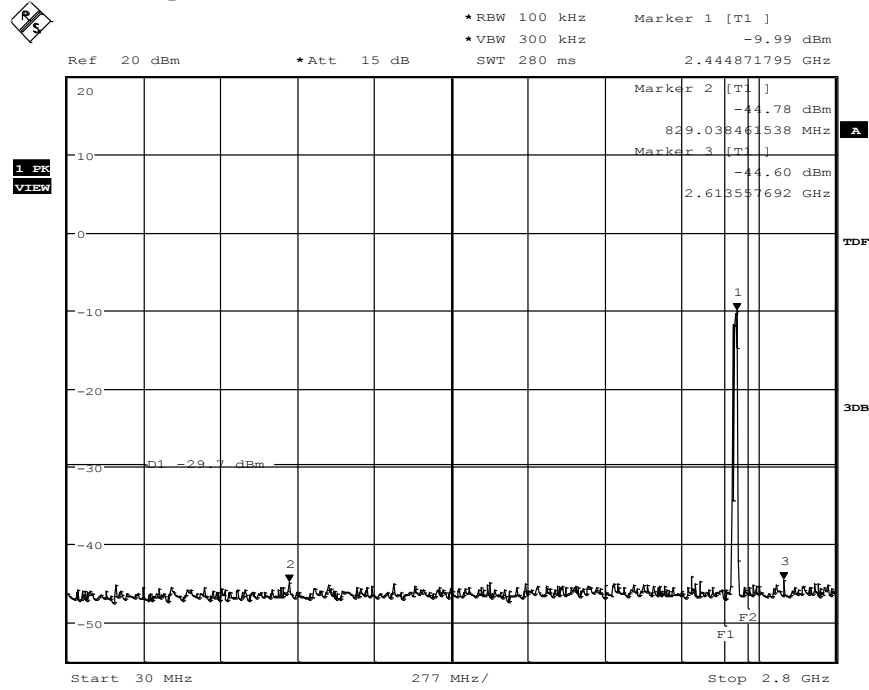
Date: 7.APR.2016 12:40:44

1.10.5.2. Sweep 1: 150kHz to 30MHz



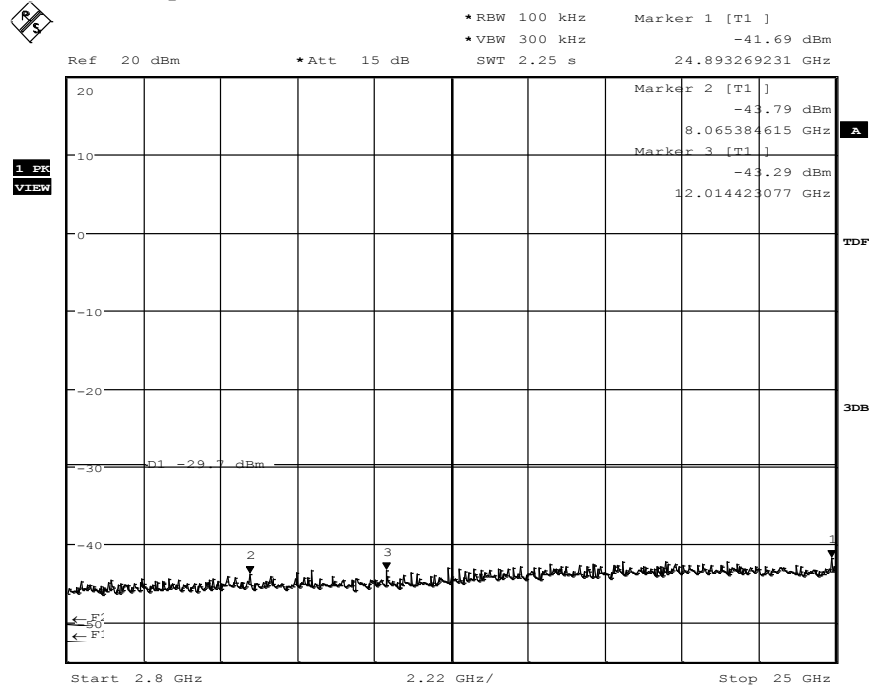
Date: 7.APR.2016 12:43:54

1.10.5.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 12:47:19

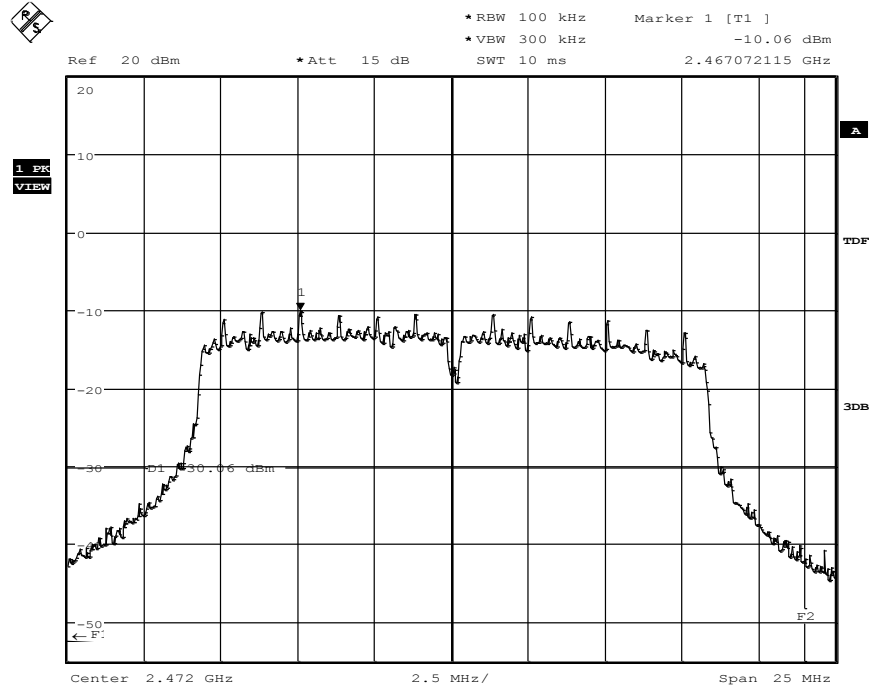
1.10.5.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 12:51:34

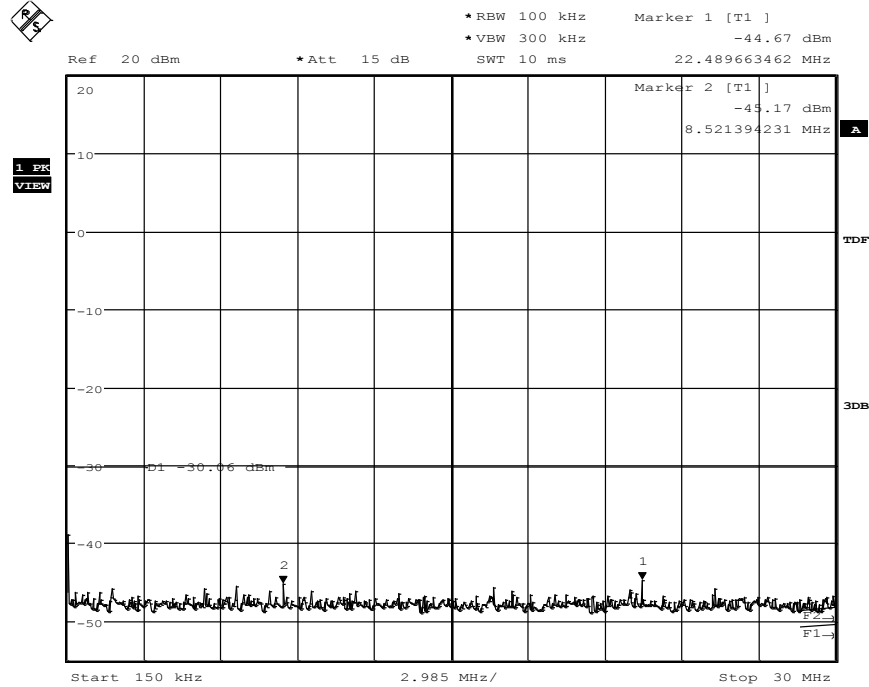
1.10.6. g-Mode Channel 13 (18 Mbit)

1.10.6.1. Channel 13 Reference



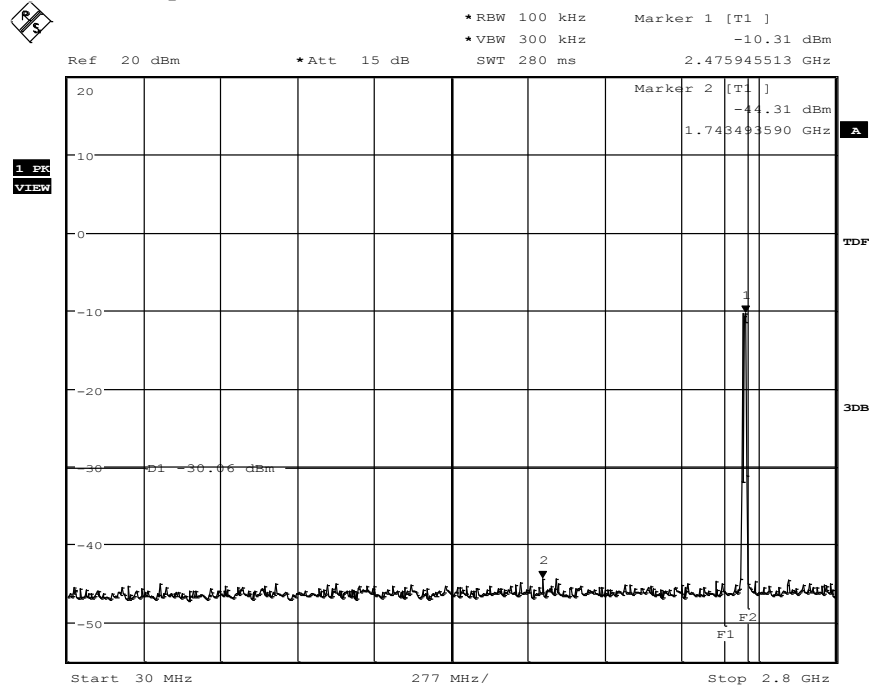
Date: 7.APR.2016 12:54:40

1.10.6.2. Sweep 1: 150kHz to 30MHz



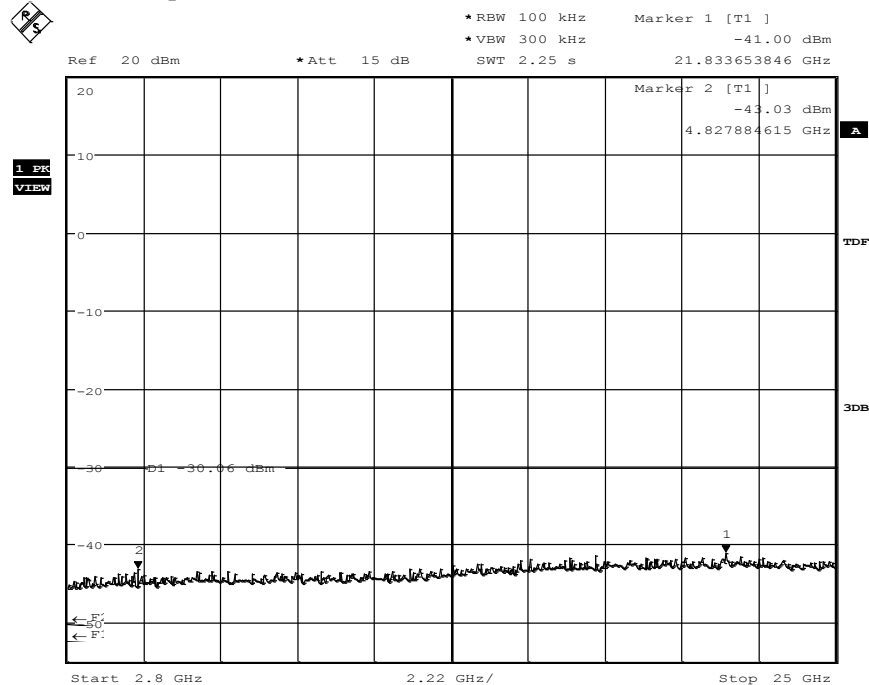
Date: 7.APR.2016 12:57:21

1.10.6.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 13:01:39

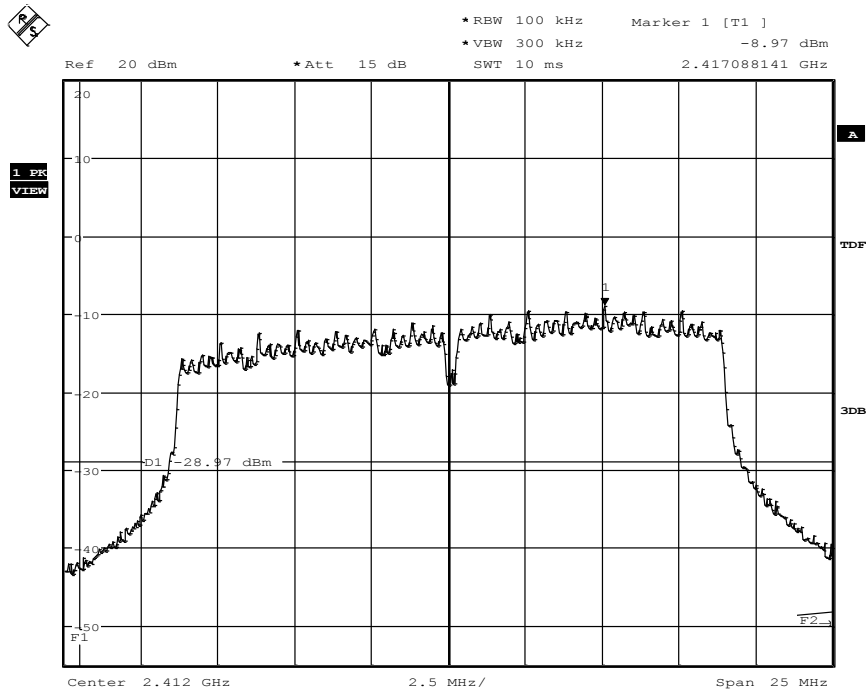
1.10.6.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 13:35:27

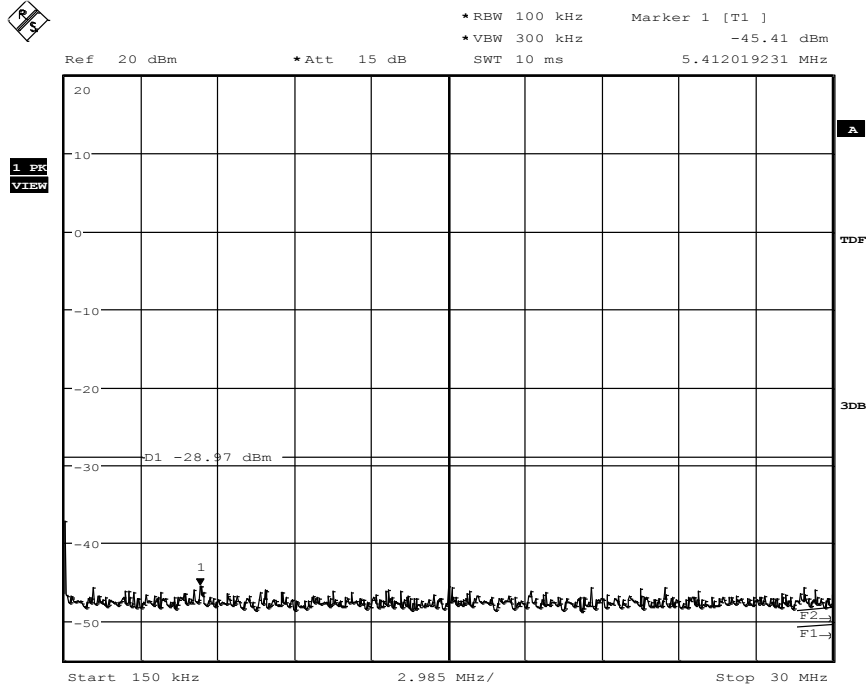
1.10.7. n-Mode Channel 1 (MCS7)

1.10.7.1. Channel 1 Reference



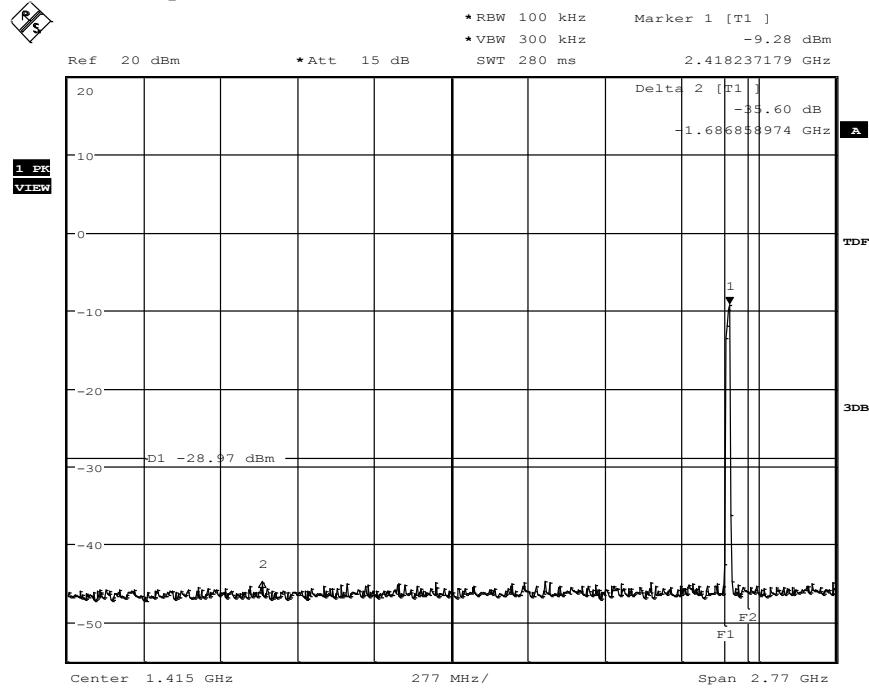
Date: 7.APR.2016 14:02:33

1.10.7.2. Sweep 1: 150kHz to 30MHz



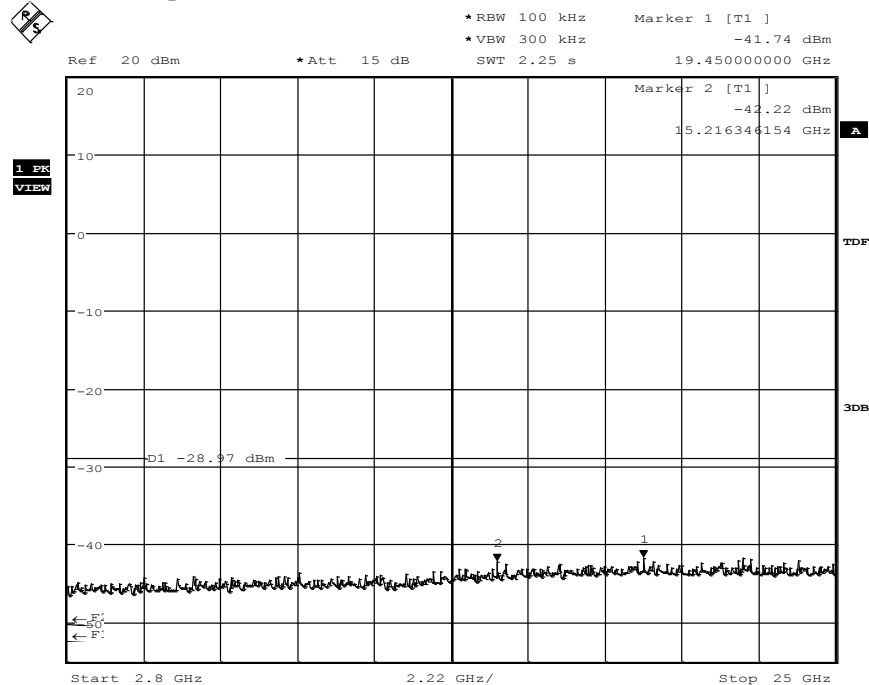
Date: 7.APR.2016 14:06:35

1.10.7.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 14:10:33

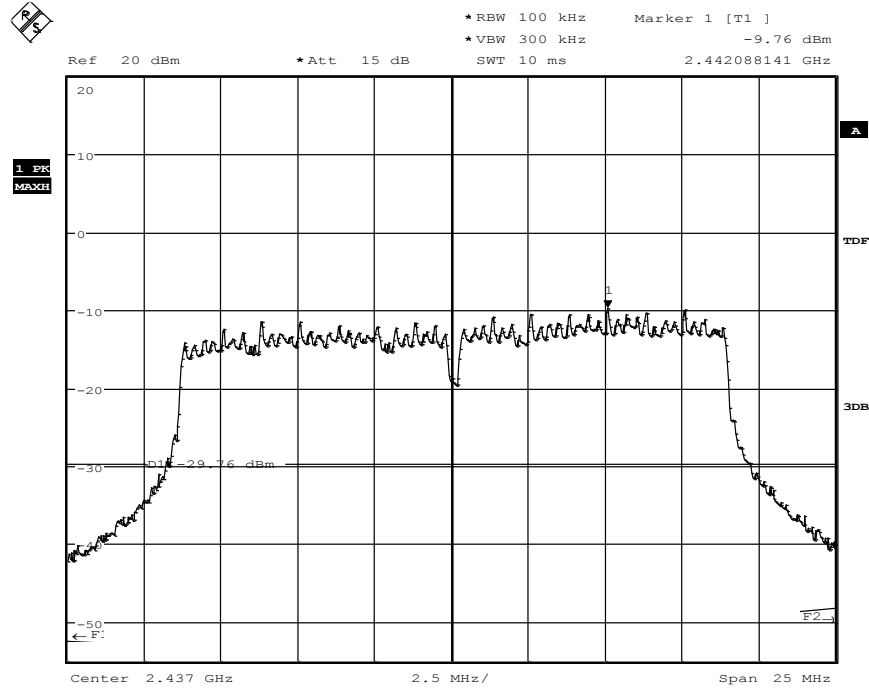
1.10.7.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 14:14:54

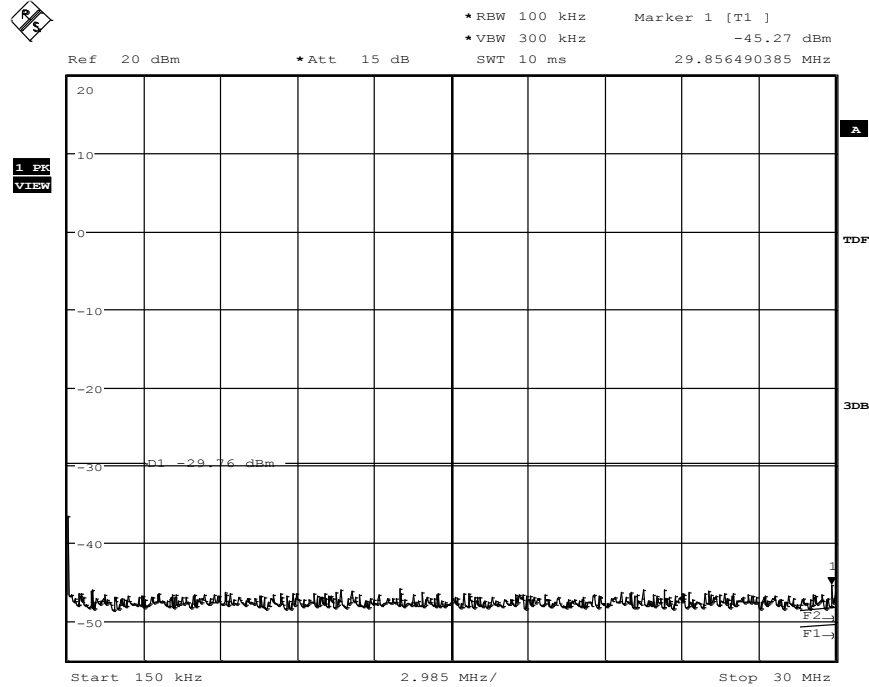
1.10.8. n-Mode Channel 6 (MCS7)

1.10.8.1. Channel 6 Reference



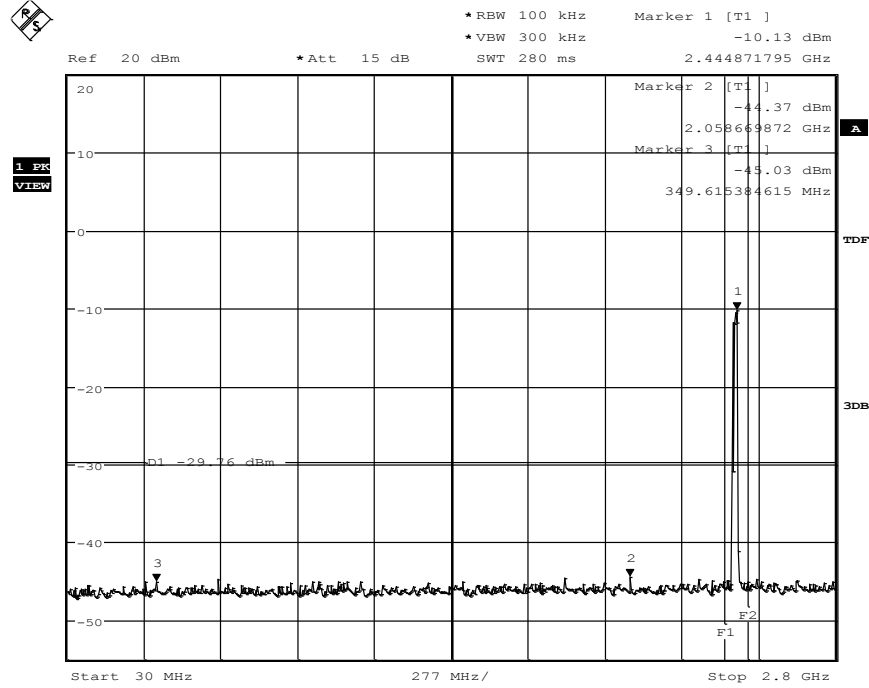
Date: 7.APR.2016 14:19:53

1.10.8.2. Sweep 1: 150kHz to 30MHz



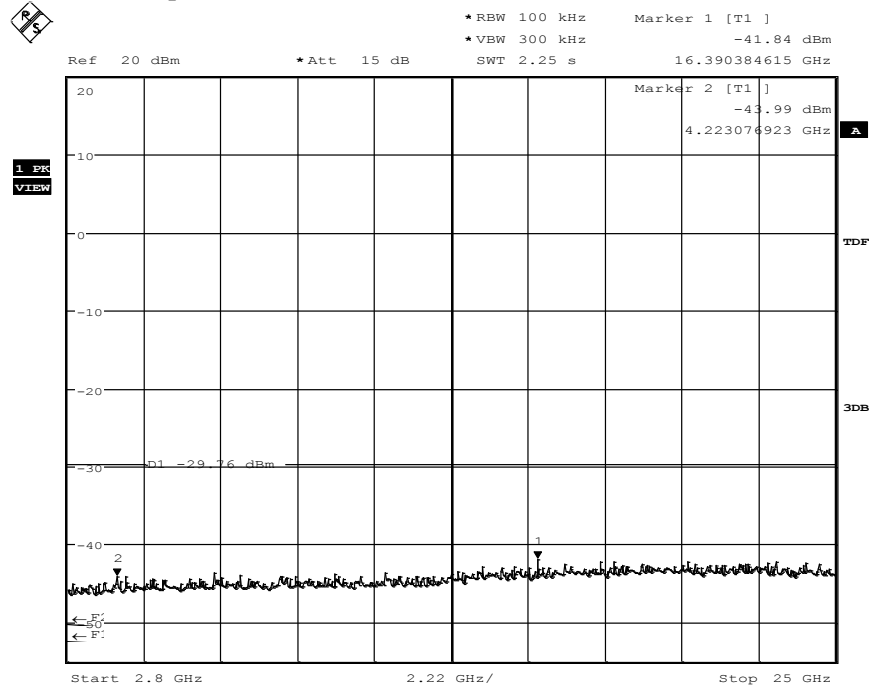
Date: 7.APR.2016 14:24:30

1.10.8.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 14:30:34

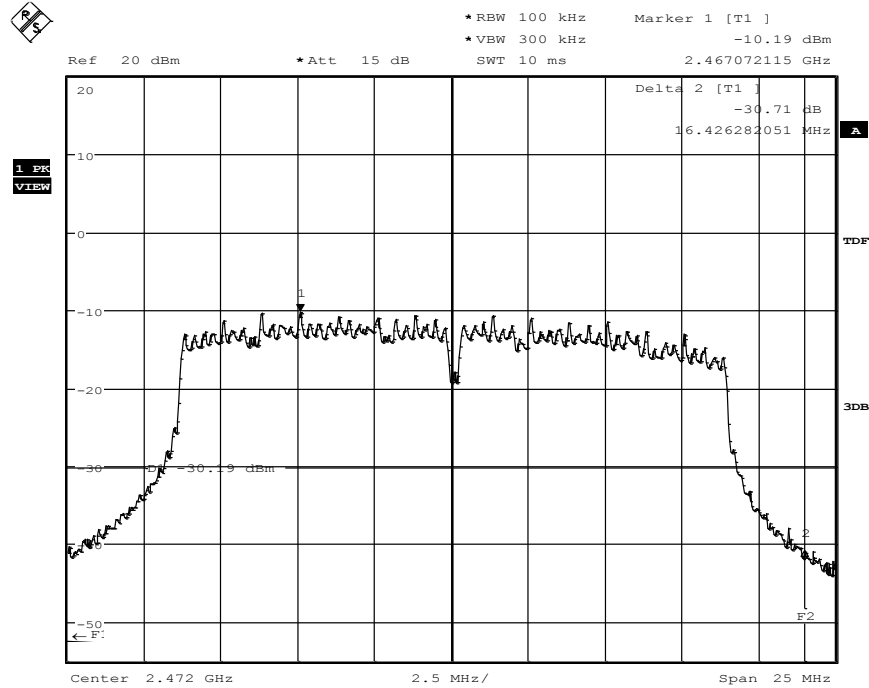
1.10.8.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 14:35:24

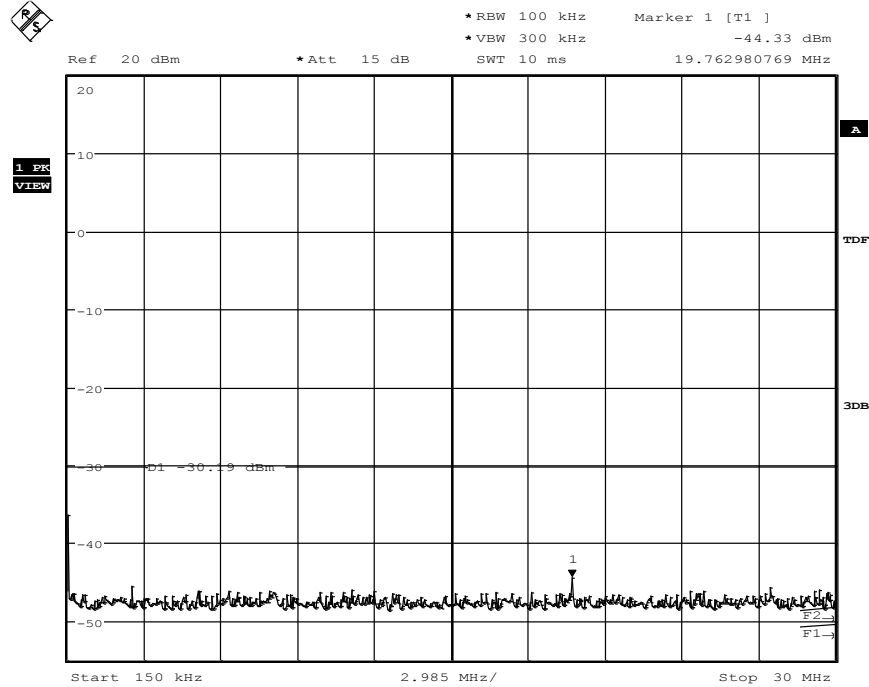
1.10.9. n-Mode Channel 13 (MCS7)

1.10.9.1. Channel 11 Reference



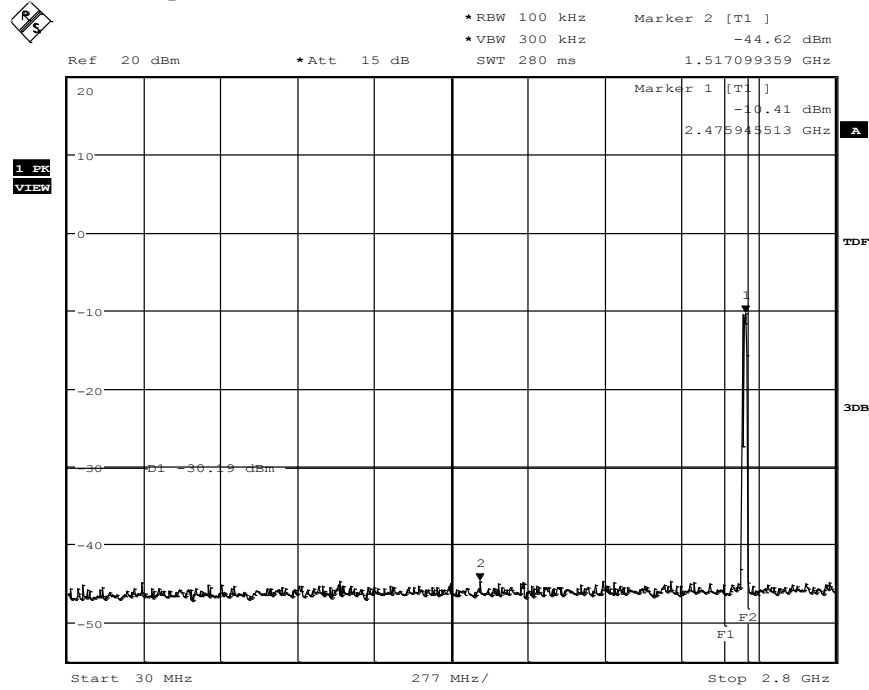
Date: 7.APR.2016 14:41:39

1.10.9.2. Sweep 1: 150kHz to 30MHz



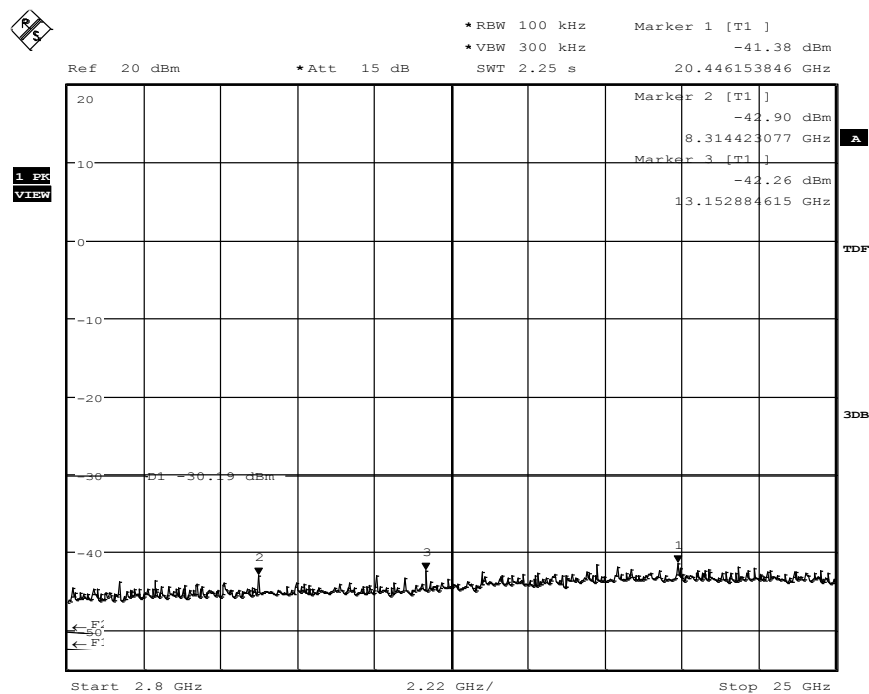
Date: 7.APR.2016 14:46:13

1.10.9.3. Sweep 2: 30MHz to 2.8GHz



Date: 7.APR.2016 14:51:56

1.10.9.4. Sweep 3: 2.8GHz to 25GHz



Date: 7.APR.2016 14:57:12