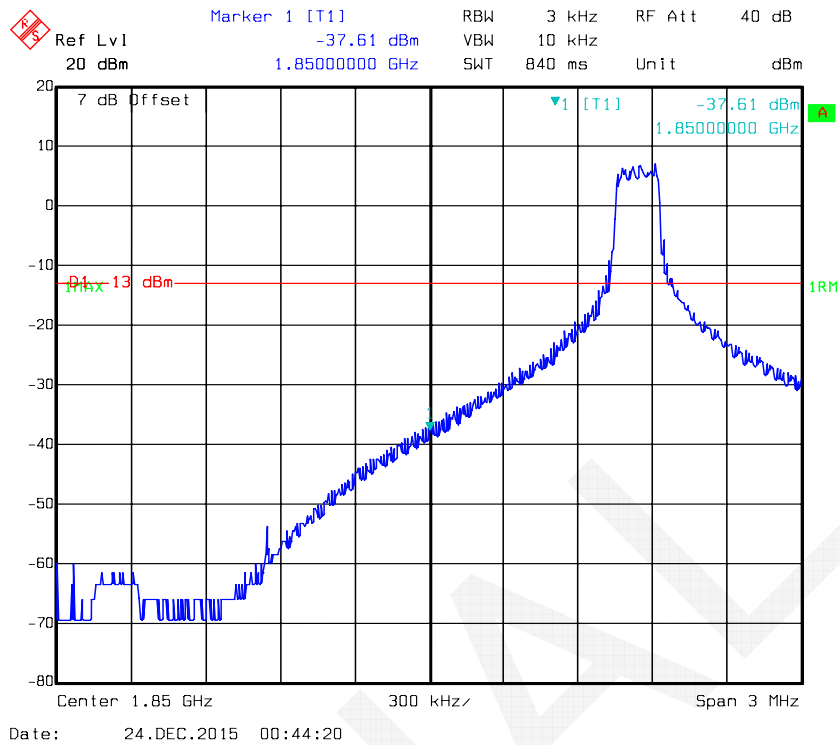
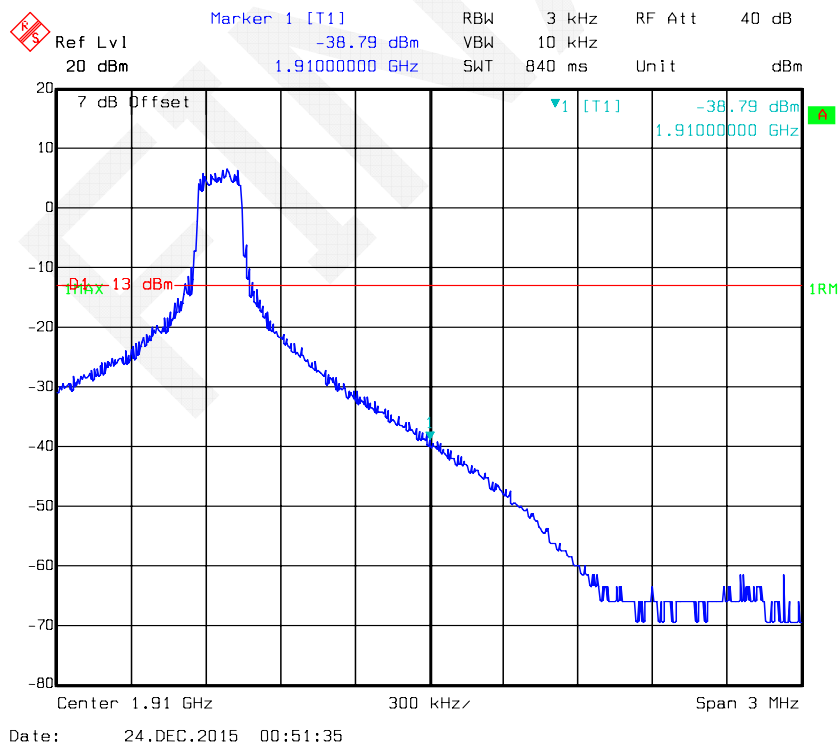
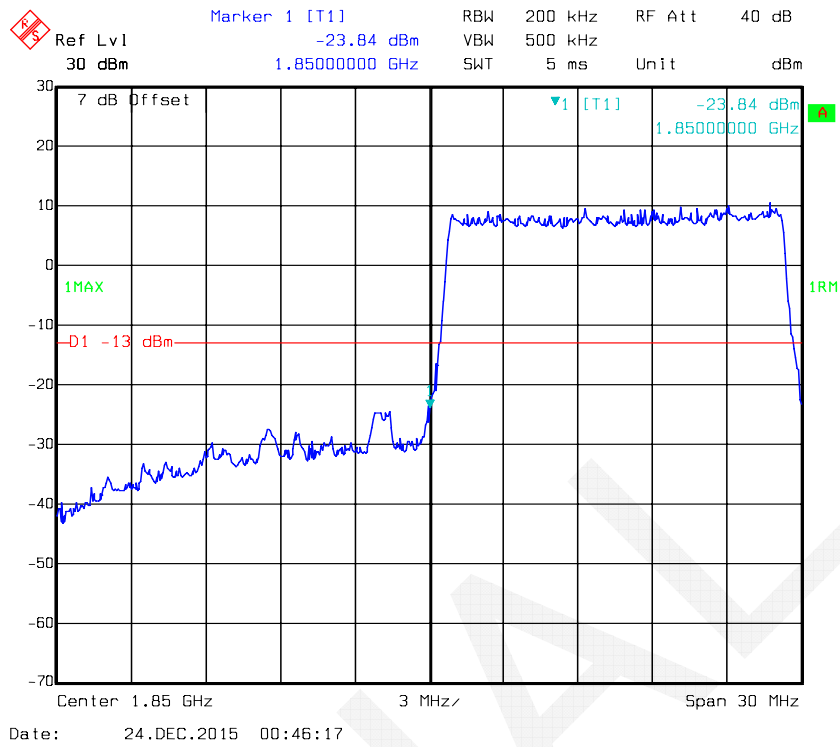
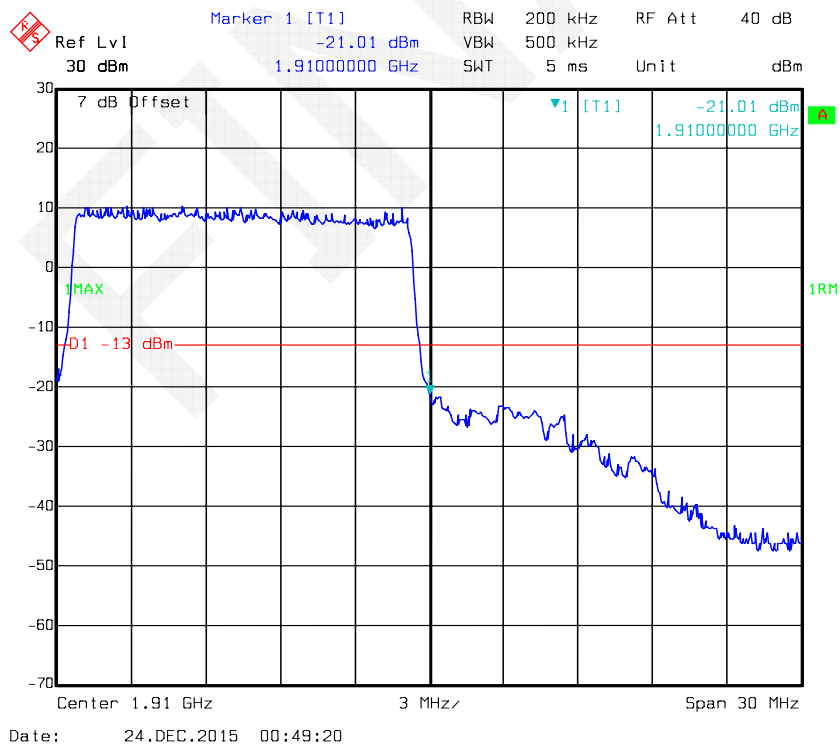
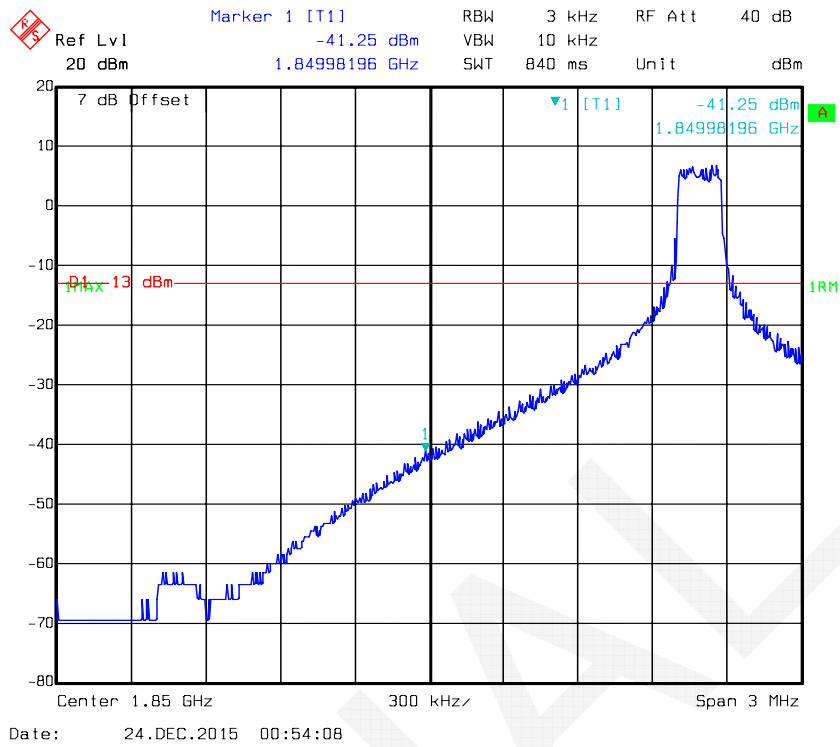


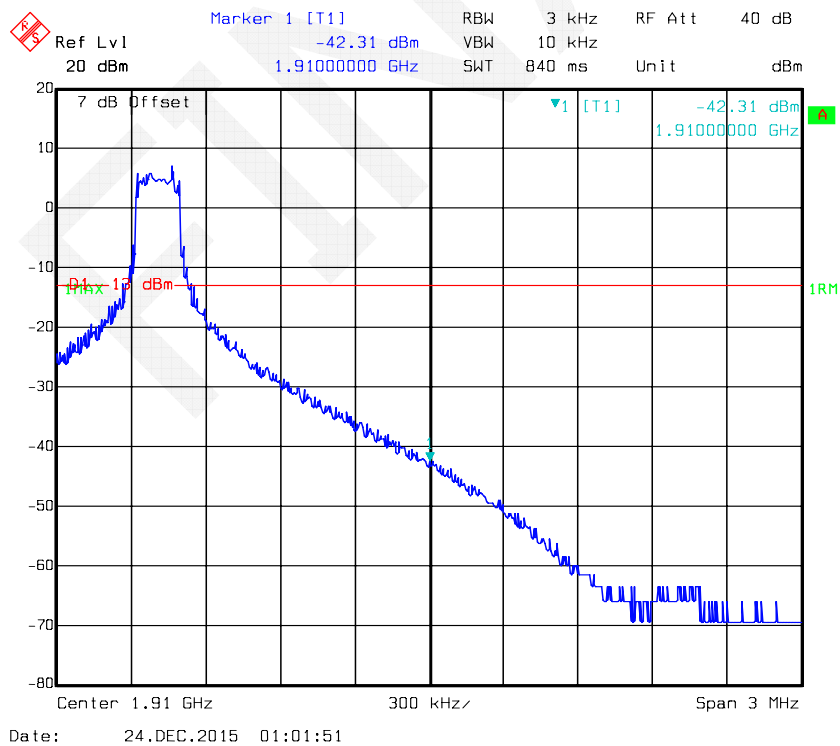
16QAM -15M 1RB, Left Band Edge**16QAM -15M 1RB, Right Band Edge**

16QAM -15M Full RB, Left Band Edge**16QAM -15M Full RB, Right Band Edge**

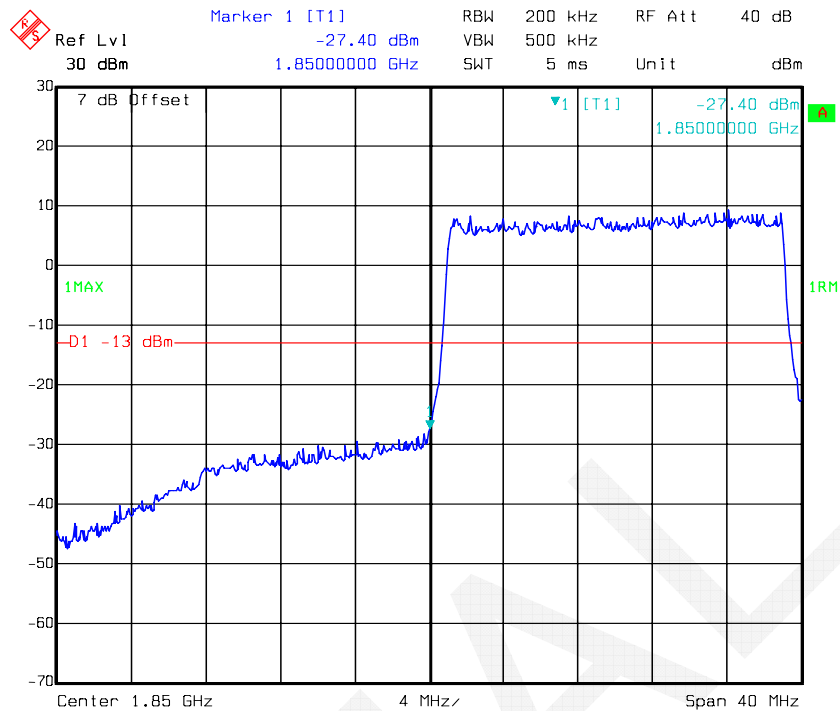
16QAM -20M 1RB, Left Band Edge



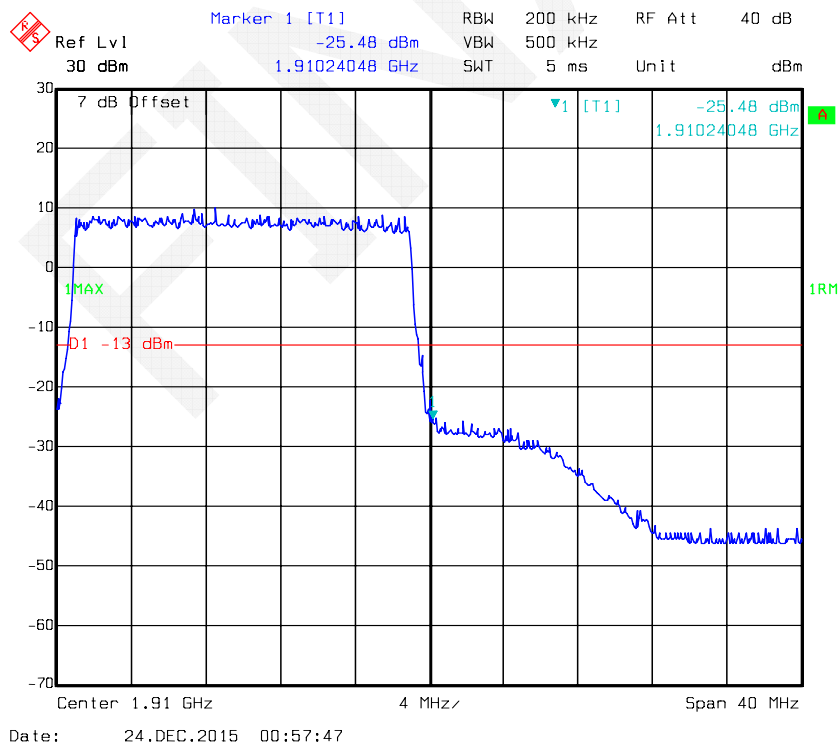
16QAM -20M 1RB, Right Band Edge



16QAM -20M Full RB, Left Band Edge

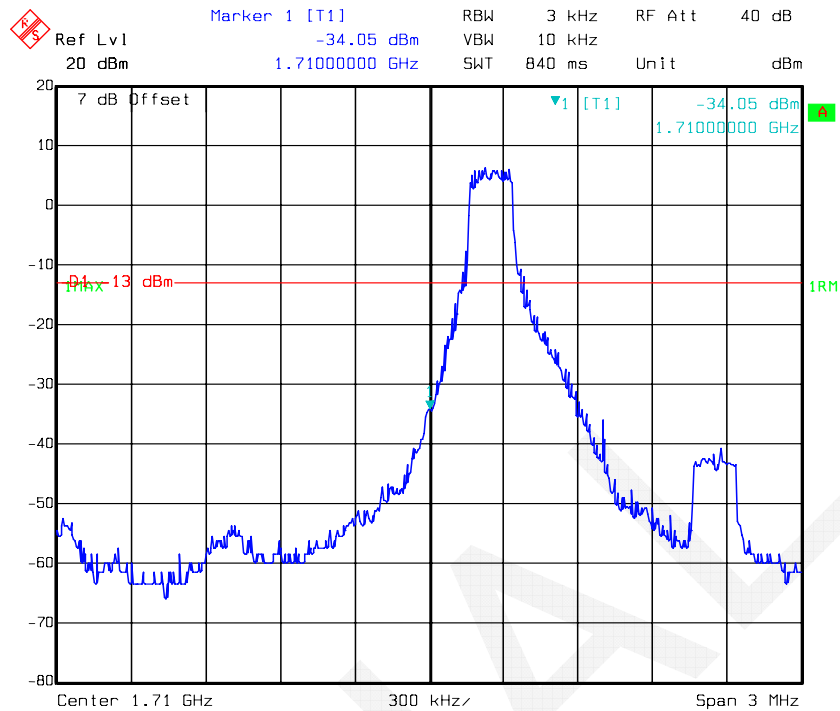


16QAM-20M Full RB, Right Band Edge

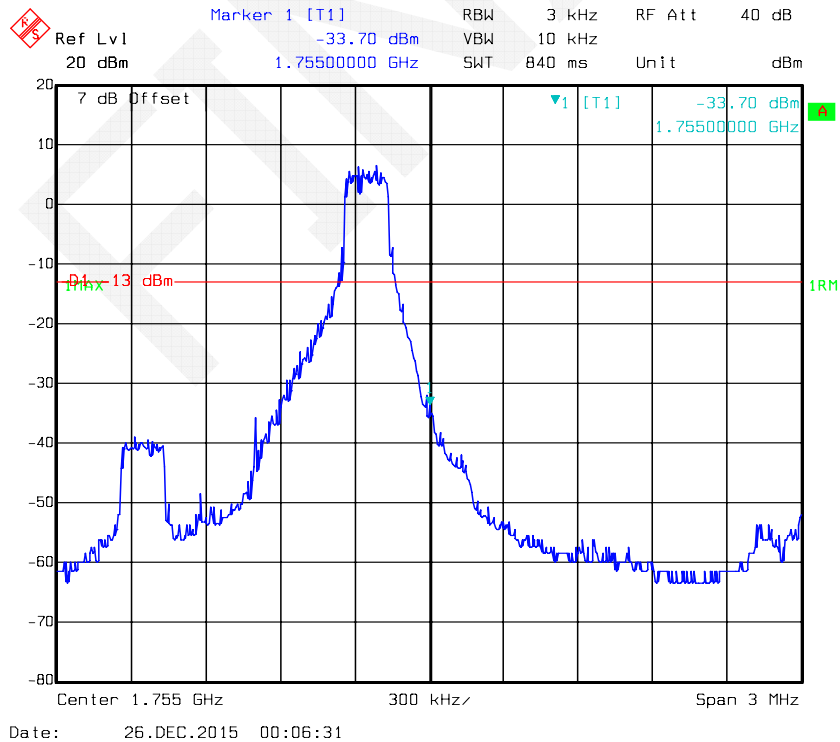


LTE Band 4:

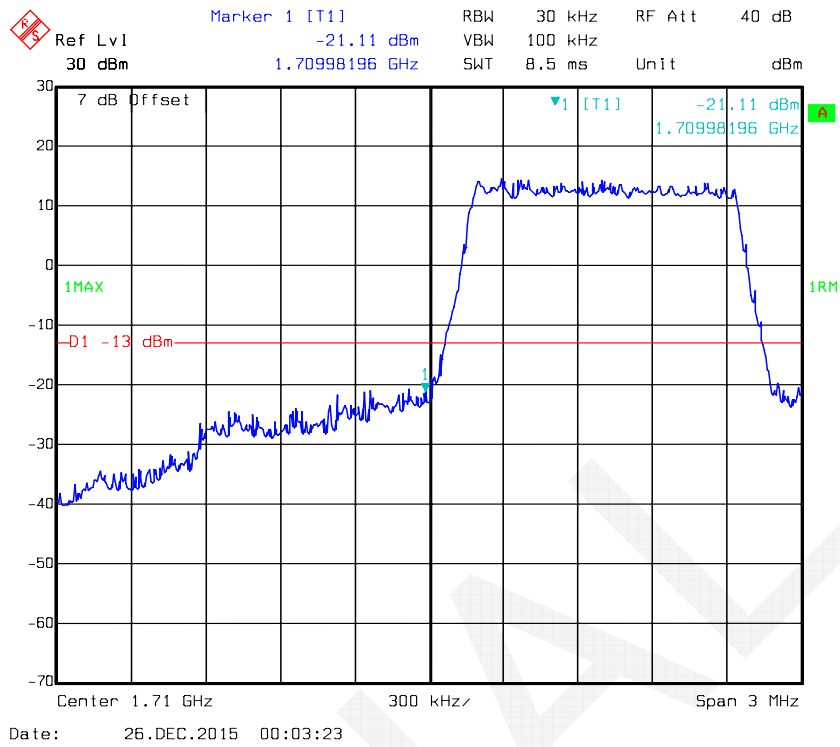
QPSK-1.4M 1RB, Left Band Edge



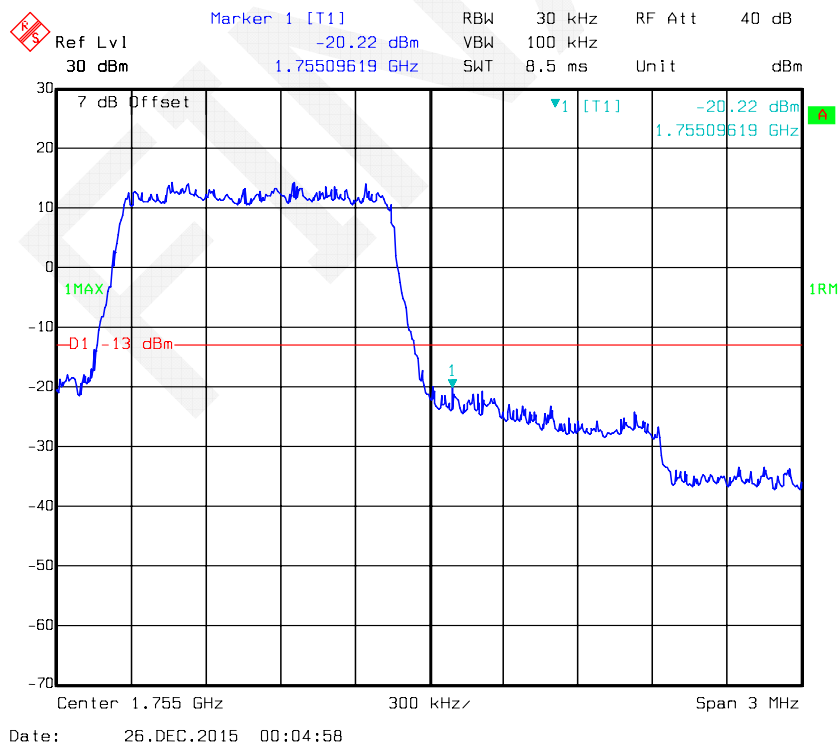
QPSK-1.4M 1RB, Right Band Edge



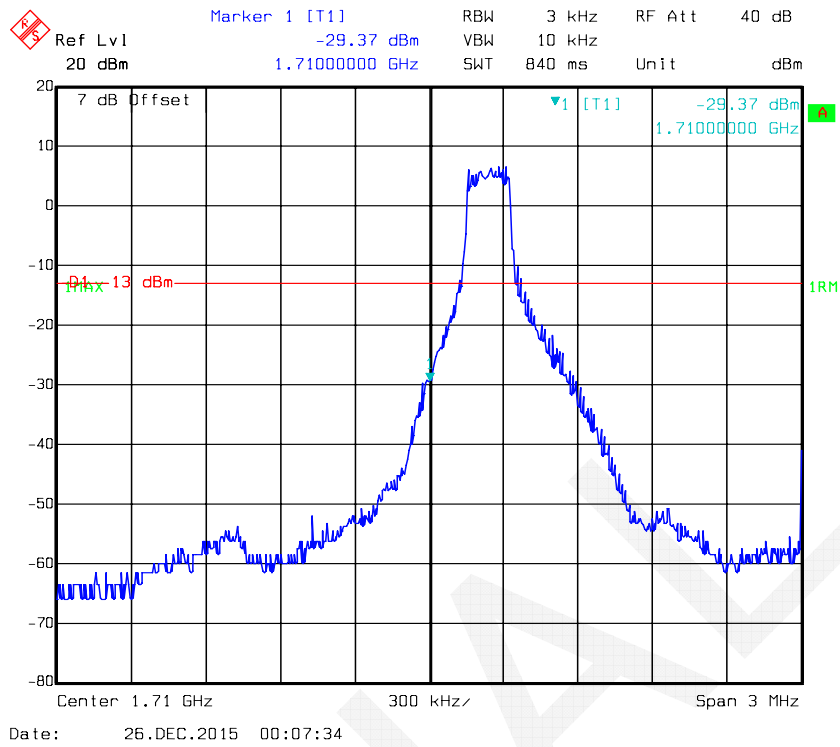
QPSK-1.4M Full RB, Left Band Edge



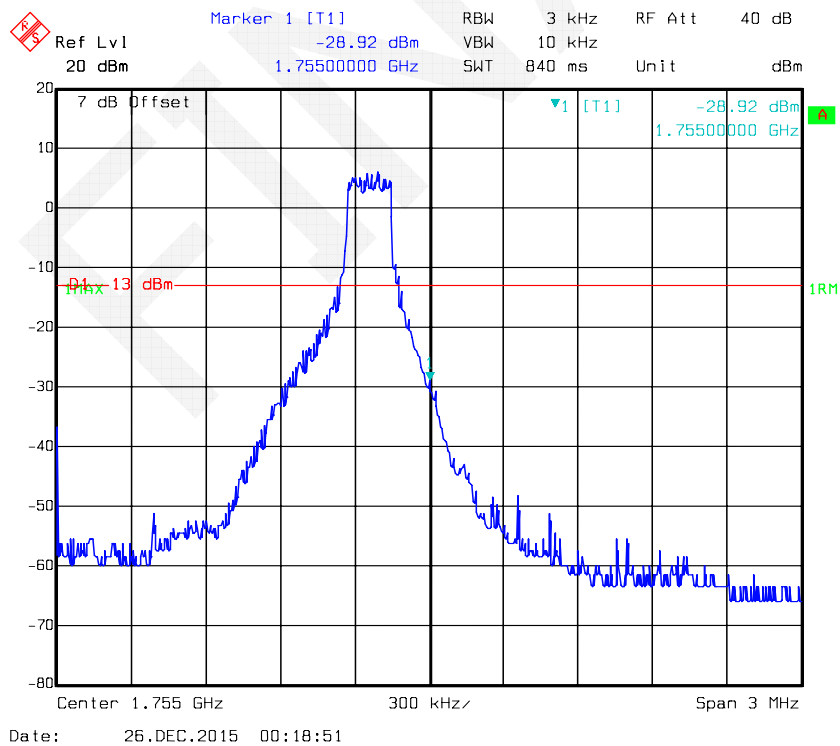
QPSK-1.4M Full RB, Right Band Edge



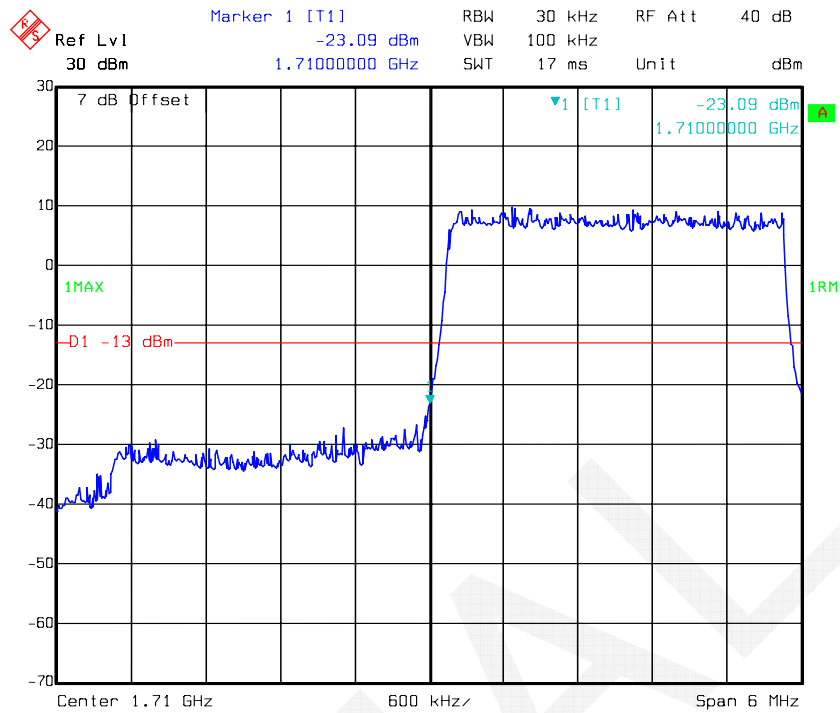
QPSK-3M 1RB, Left Band Edge



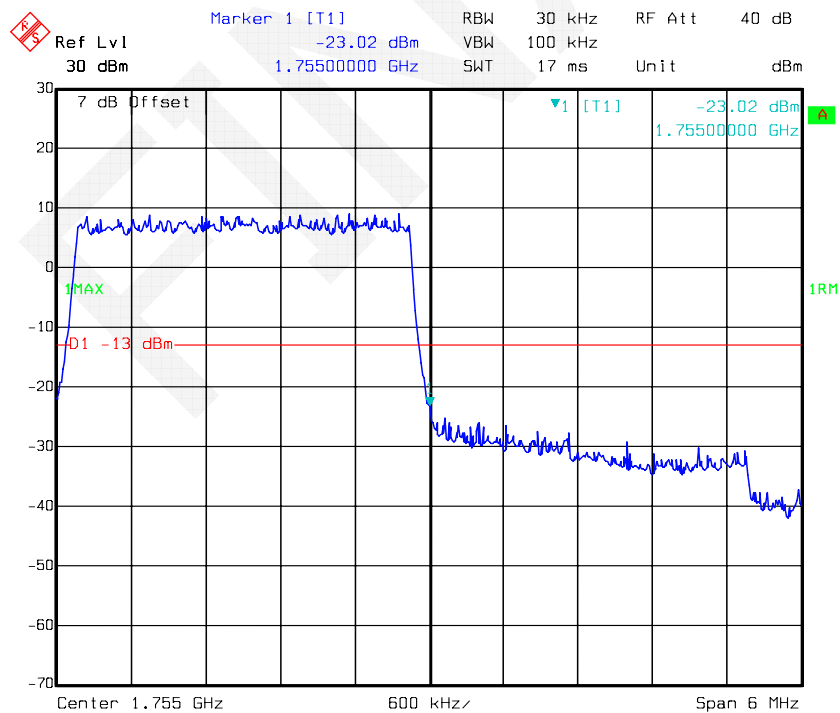
QPSK-3M 1RB, Right Band Edge



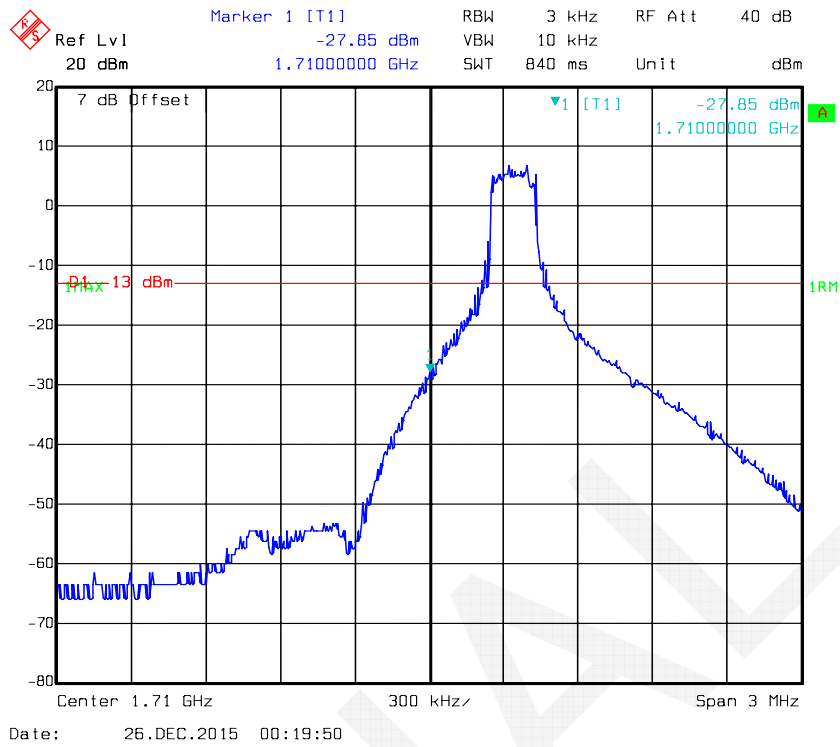
QPSK-3M Full RB, Left Band Edge



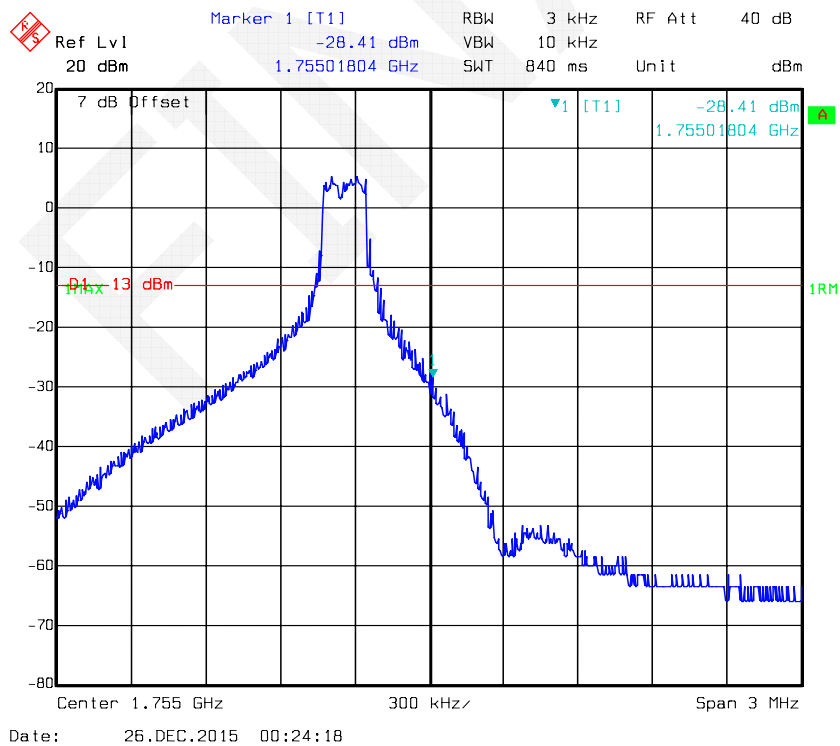
QPSK-3M Full RB, Right Band Edge



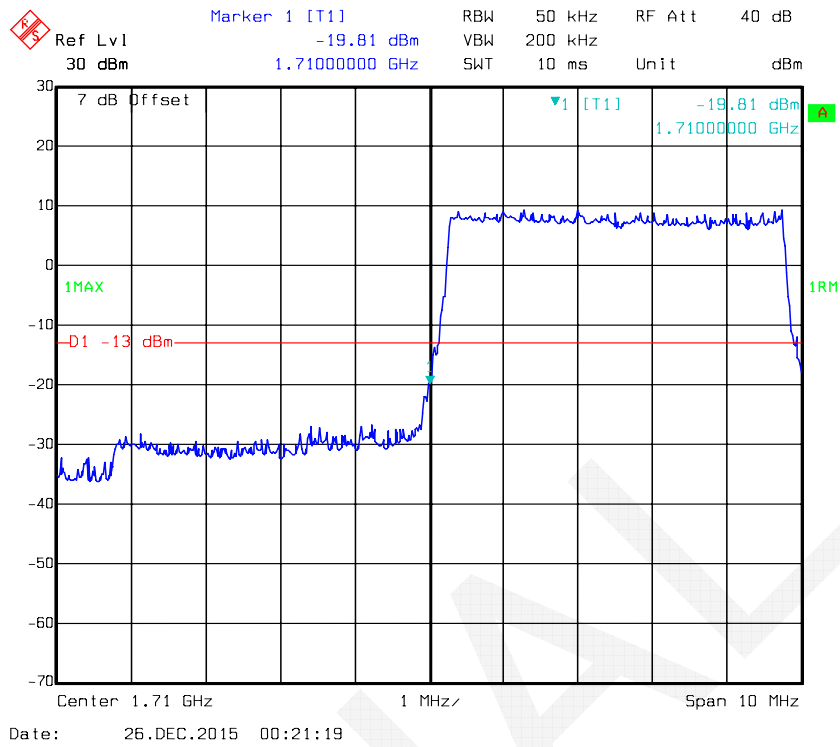
QPSK-5M 1RB, Left Band Edge



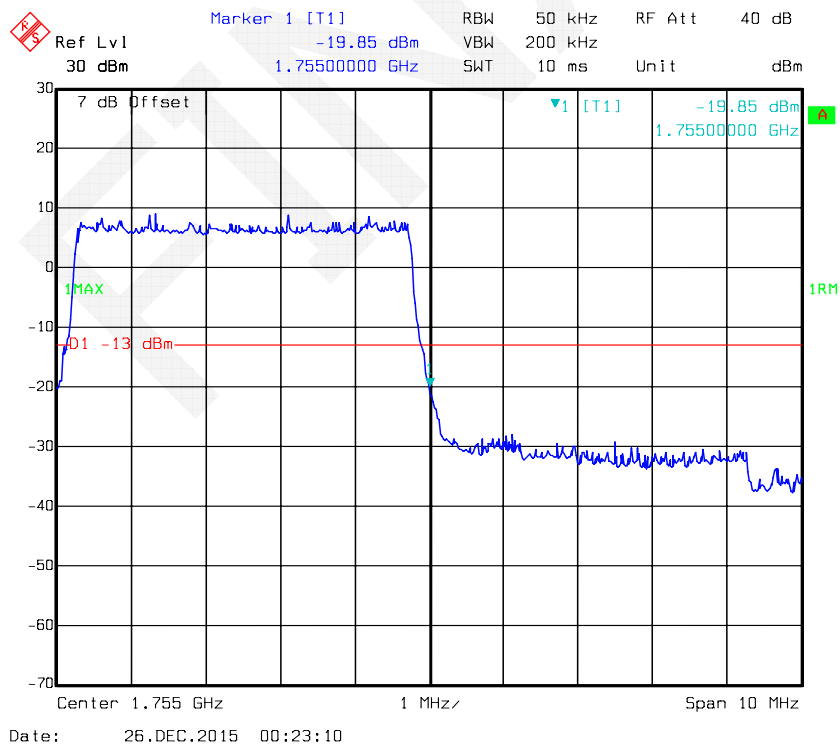
QPSK-5M 1RB, Right Band Edge



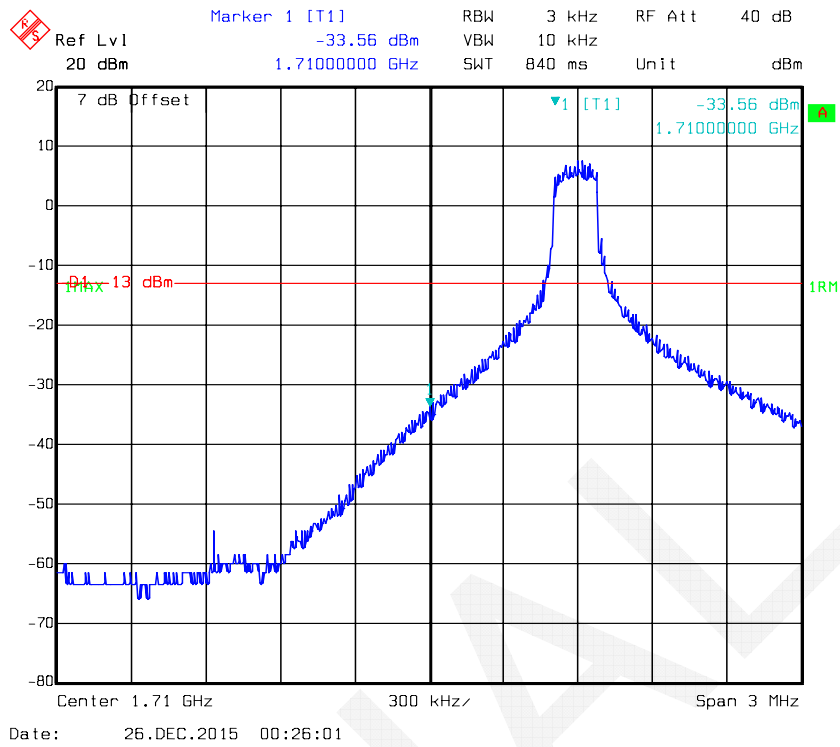
QPSK-5M Full RB, Left Band Edge



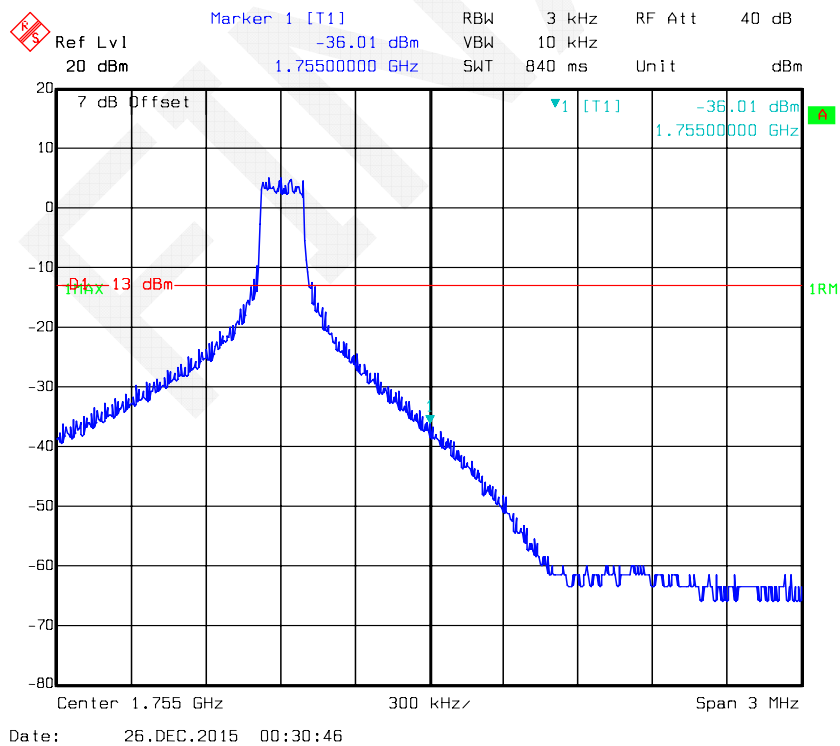
QPSK-5M Full RB, Right Band Edge



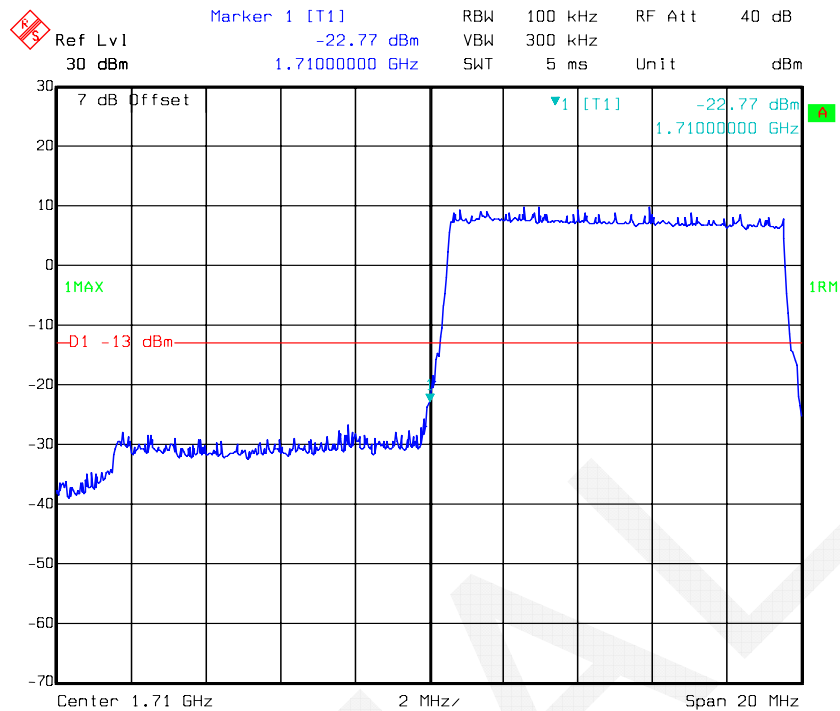
QPSK-10M 1RB, Left Band Edge



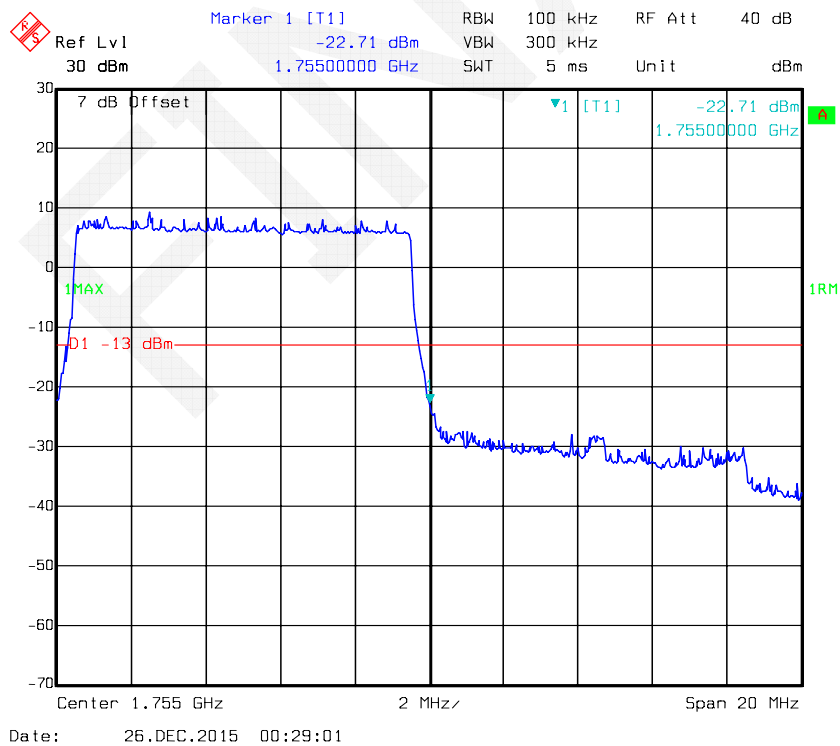
QPSK-10M 1RB, Right Band Edge



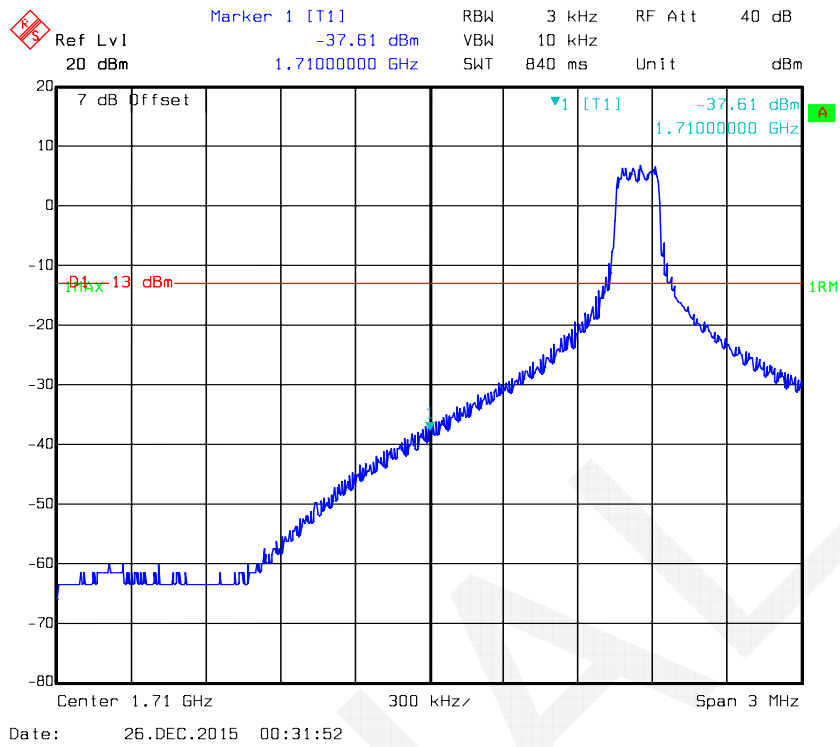
QPSK-10M Full RB, Left Band Edge



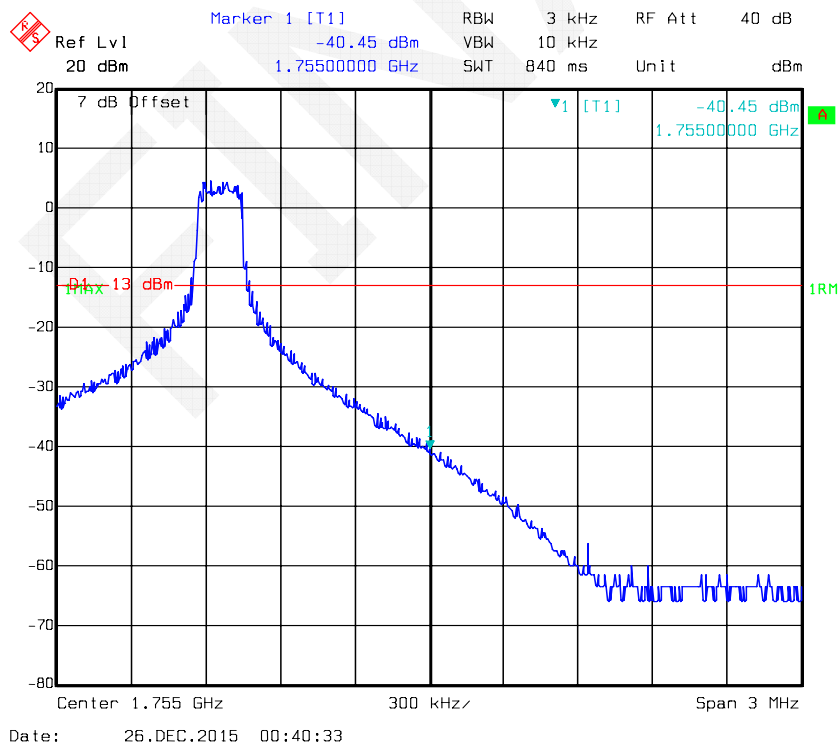
QPSK-10M Full RB, Right Band Edge



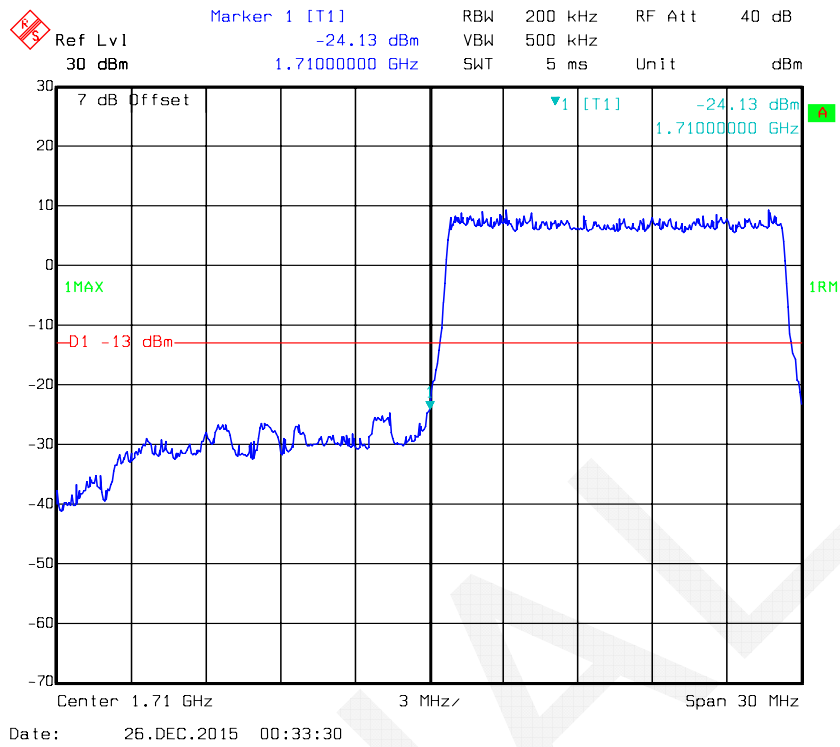
QPSK-15M 1RB, Left Band Edge



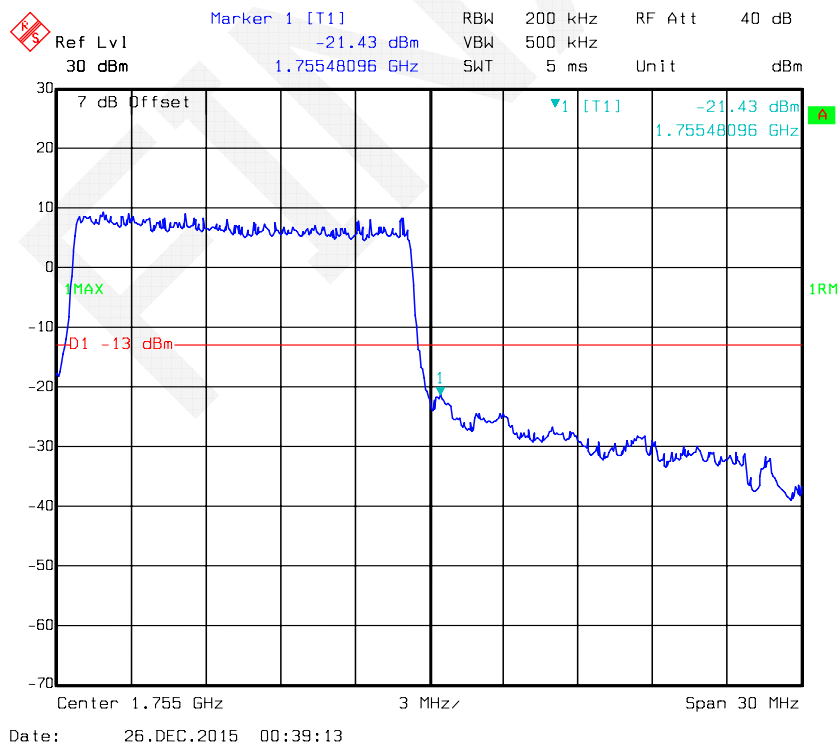
QPSK-15M 1RB, Right Band Edge



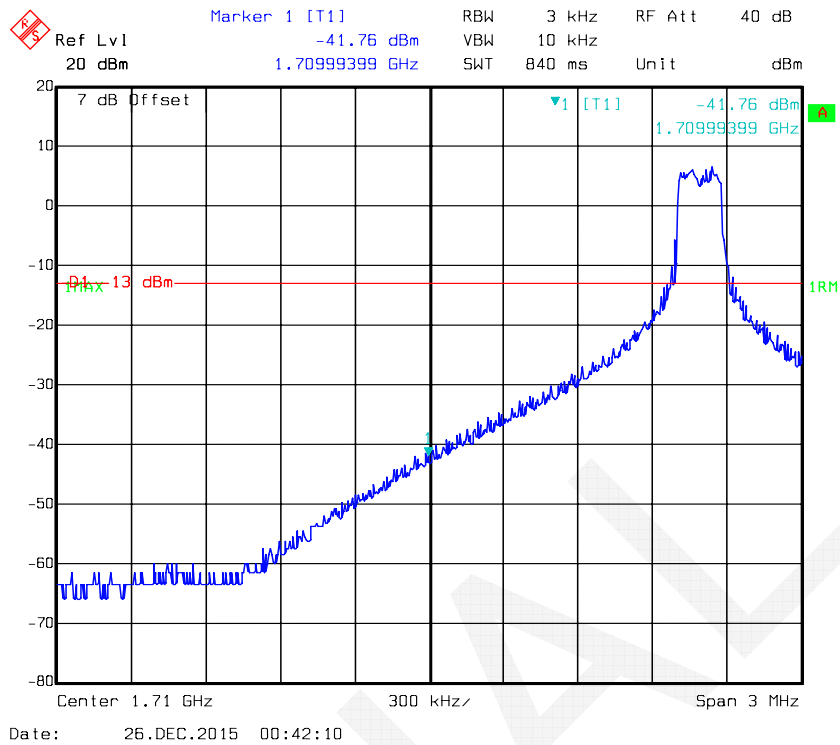
QPSK-15M Full RB, Left Band Edge



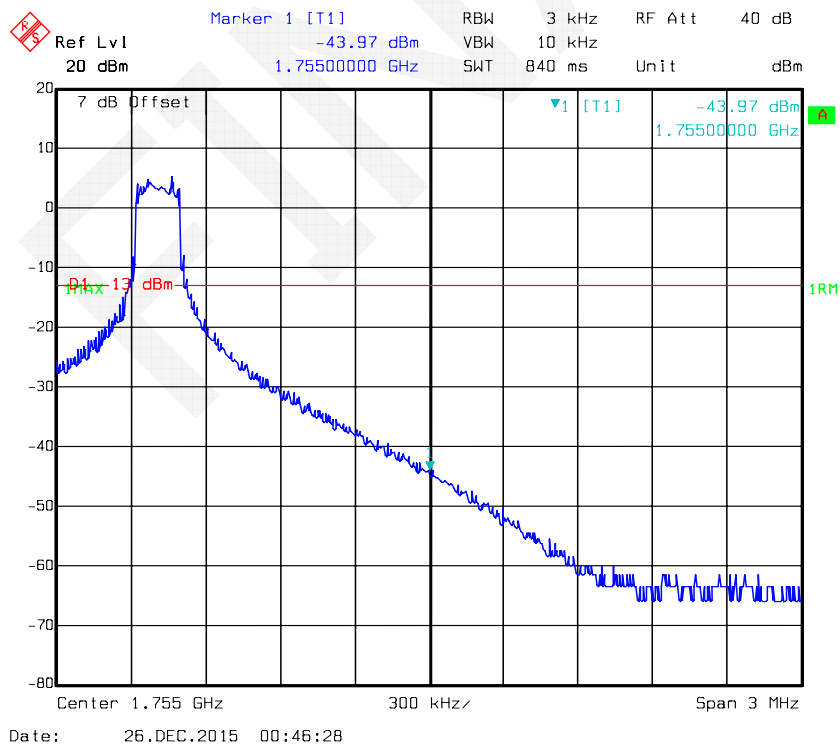
QPSK-15M Full RB, Right Band Edge



QPSK-20M 1RB, Left Band Edge



QPSK-20M 1RB, Right Band Edge



Ref Lvl 30 dBm

Marker 1 [T1] -26.48 dBm

RBW 200 kHz RF Att 40 dB

VBW 500 kHz

SWT 5 ms Unit dBm

7 dB Offset

1MAX

-D1 -13 dBm

1

1 [T1] -26.48 dBm

1.70038076 GHz

Center 1.71 GHz

4 MHz

Span 40 MHz

Date: 26.DEC.2015 00:43:49

Ref Lvl 30 dBm

Marker 1 [T1] -21.81 dBm

RBW 200 kHz RF Att 40 dB

VBW 500 kHz

SWT 5 ms Unit dBm

7 dB Offset

1MAX

D1 -13 dBm

1

1RM

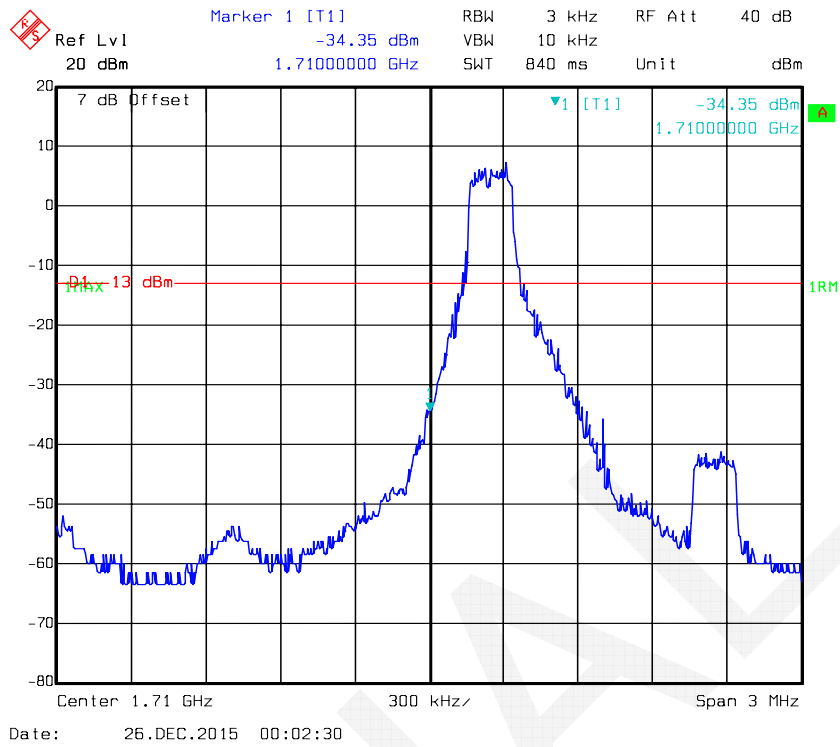
Center 1.755 GHz

4 MHz

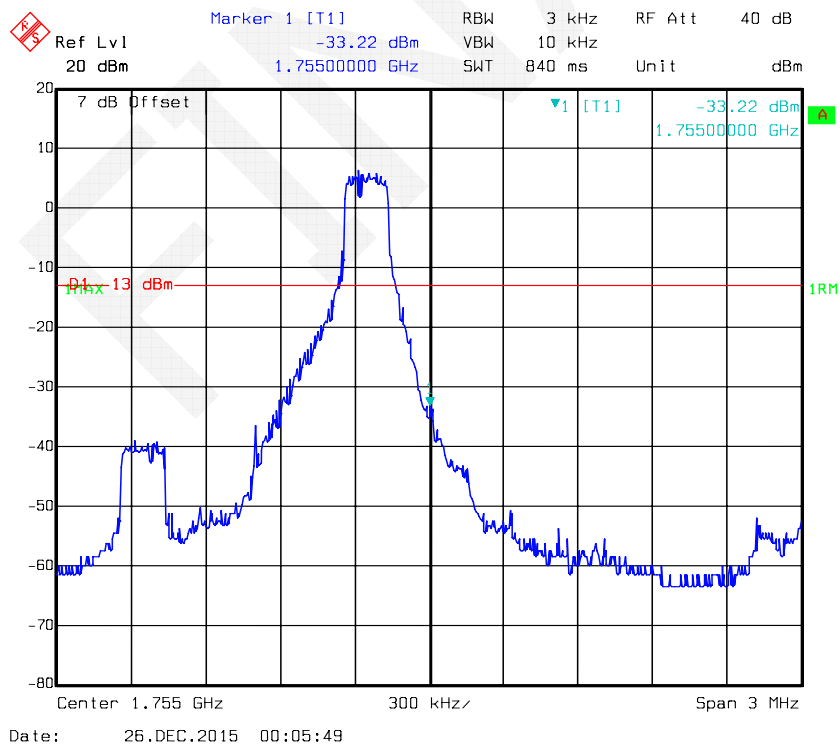
Span 40 MHz

Date: 26.DEC.2015 00:45:09

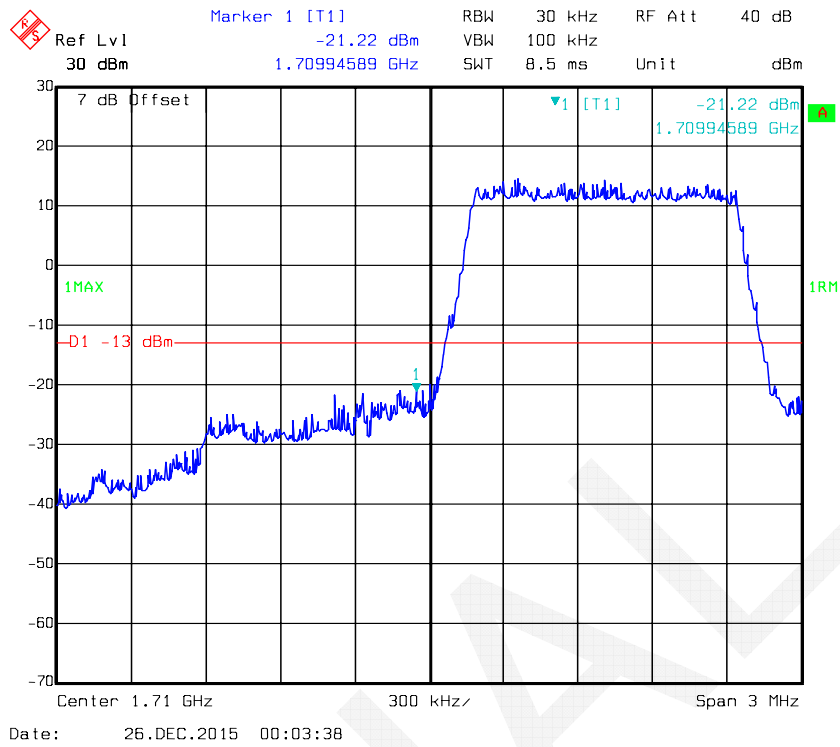
16QAM -1.4M 1RB, Left Band Edge



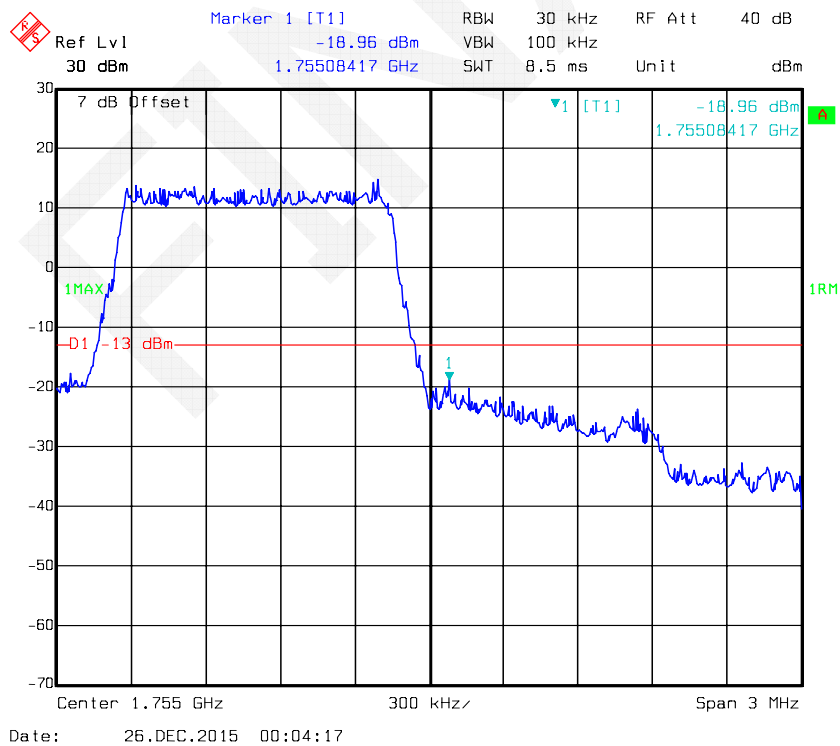
16QAM -1.4M 1RB, Right Band Edge



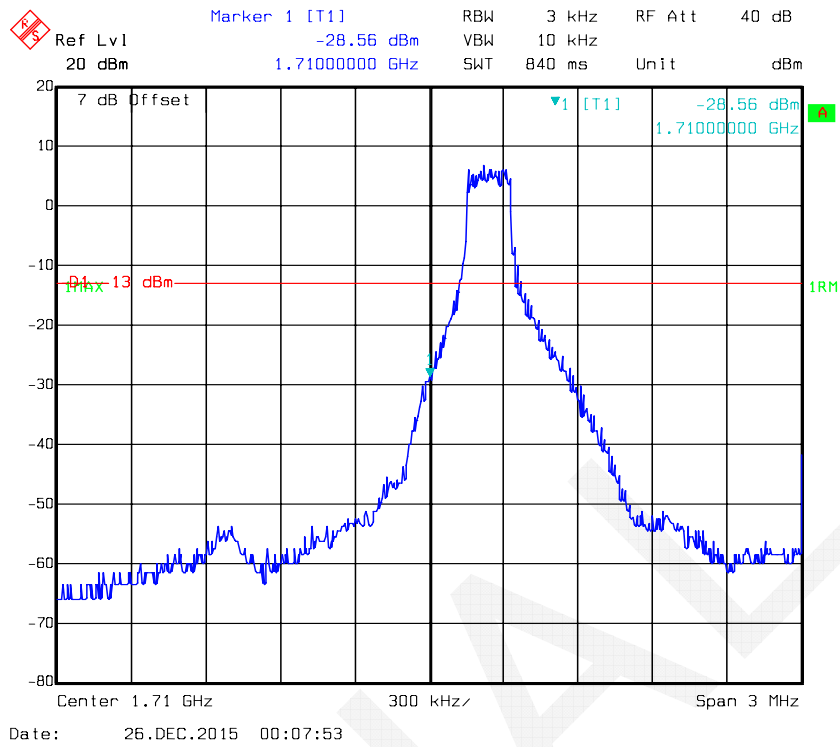
16QAM -1.4M Full RB, Left Band Edge



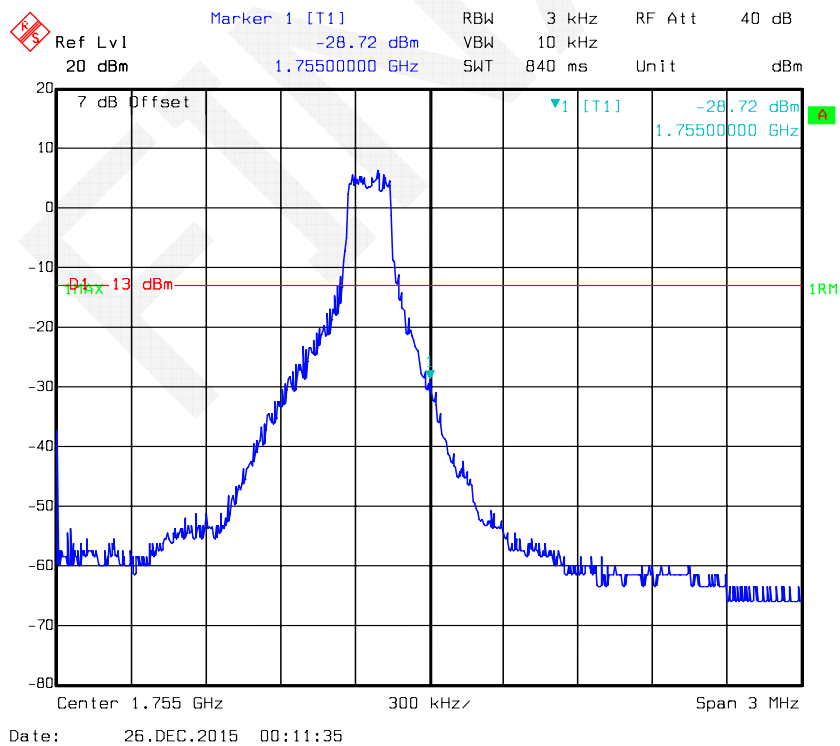
16QAM -1.4M Full RB, Right Band Edge

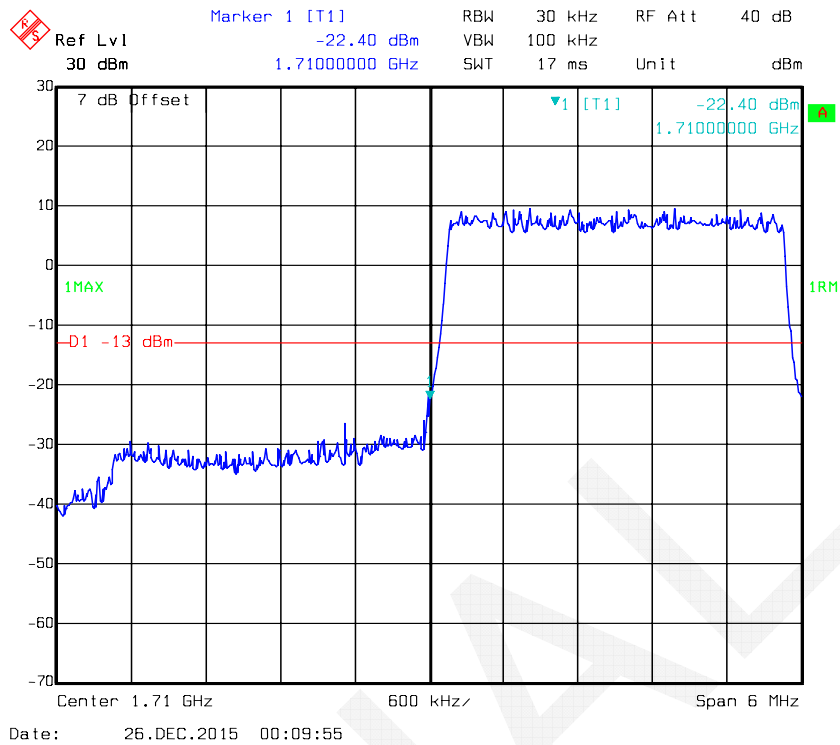
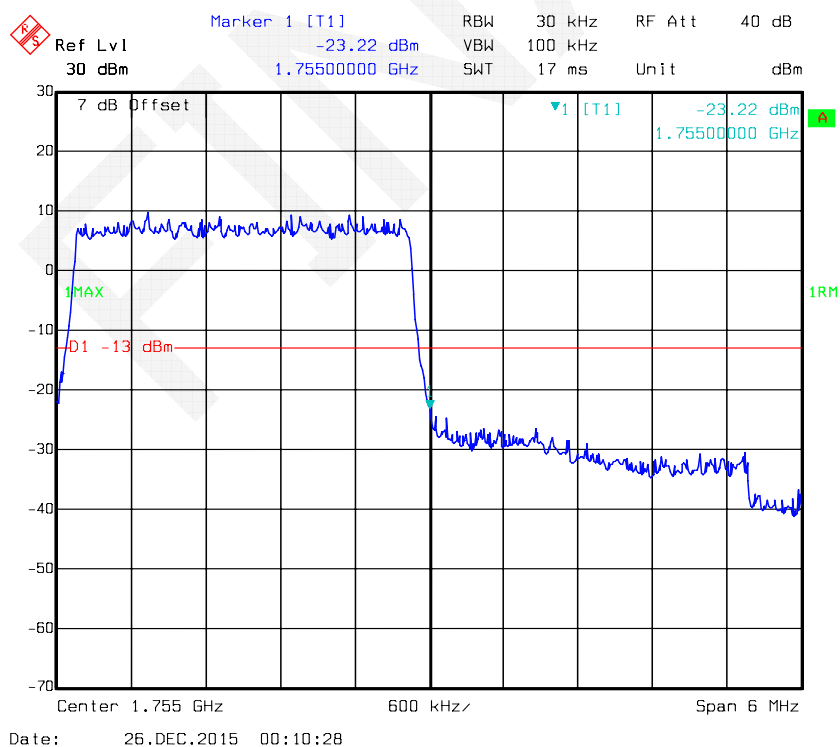


16QAM -3M 1RB, Left Band Edge

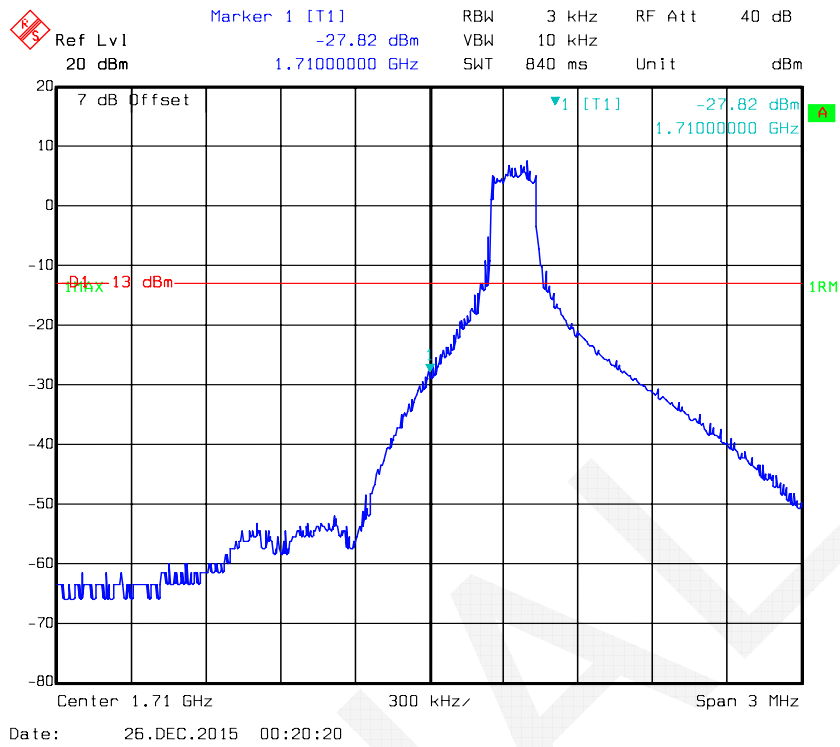


16QAM -3M 1RB, Right Band Edge

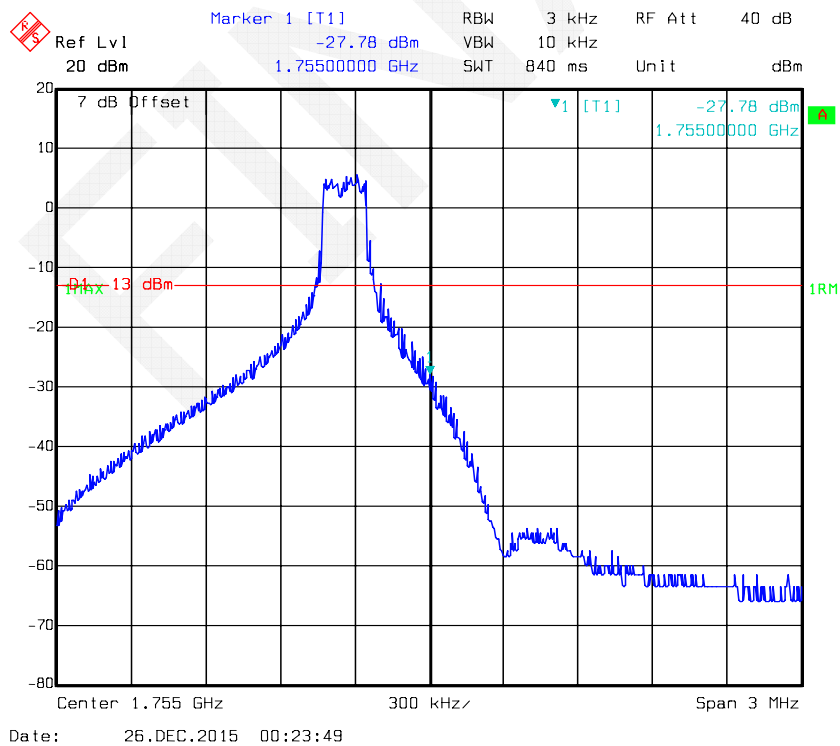


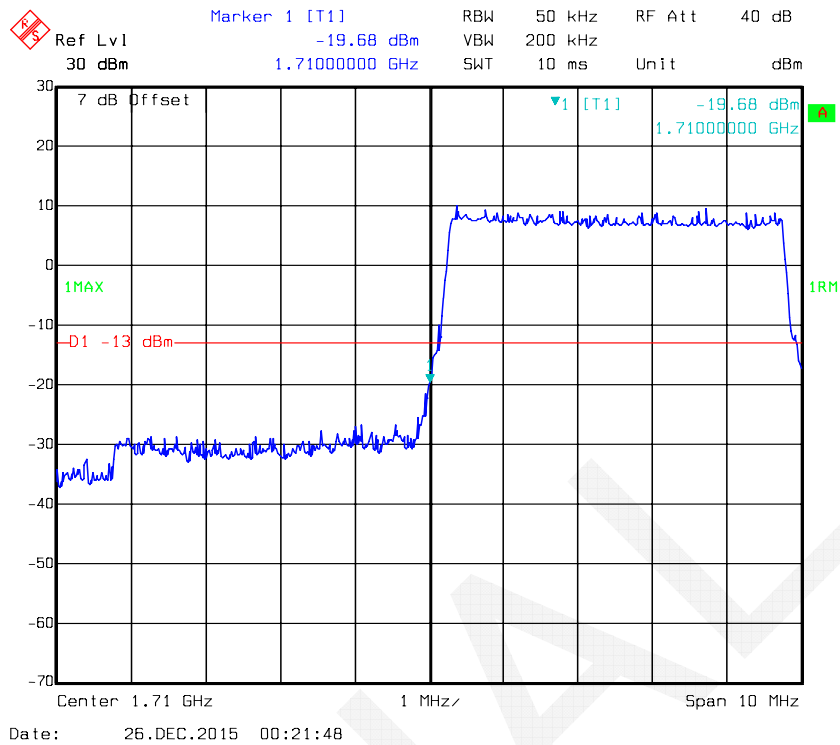
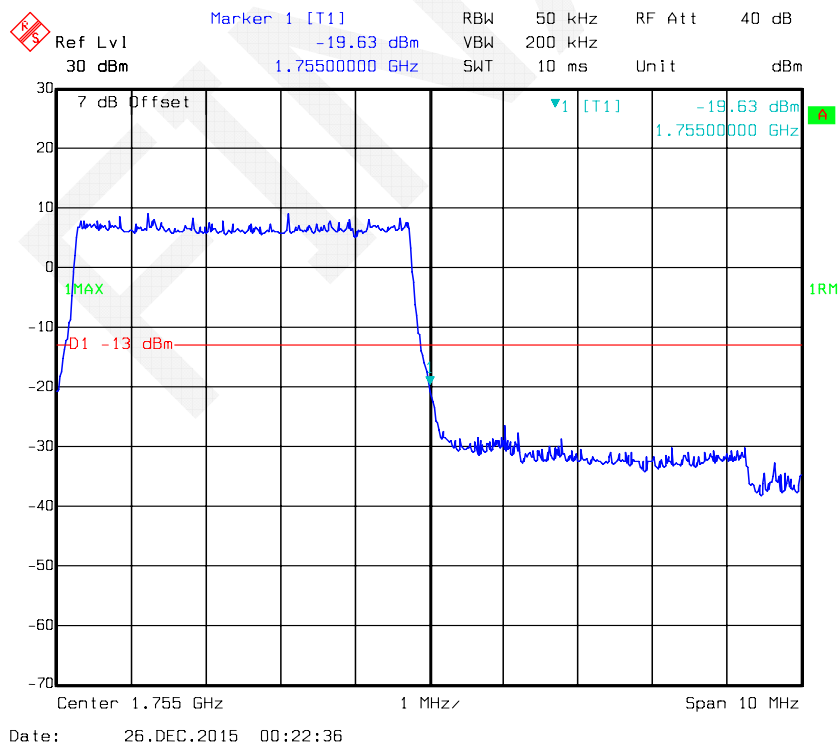
16QAM -3M Full RB, Left Band Edge**16QAM -3M Full RB, Right Band Edge**

16QAM -5M 1RB, Left Band Edge

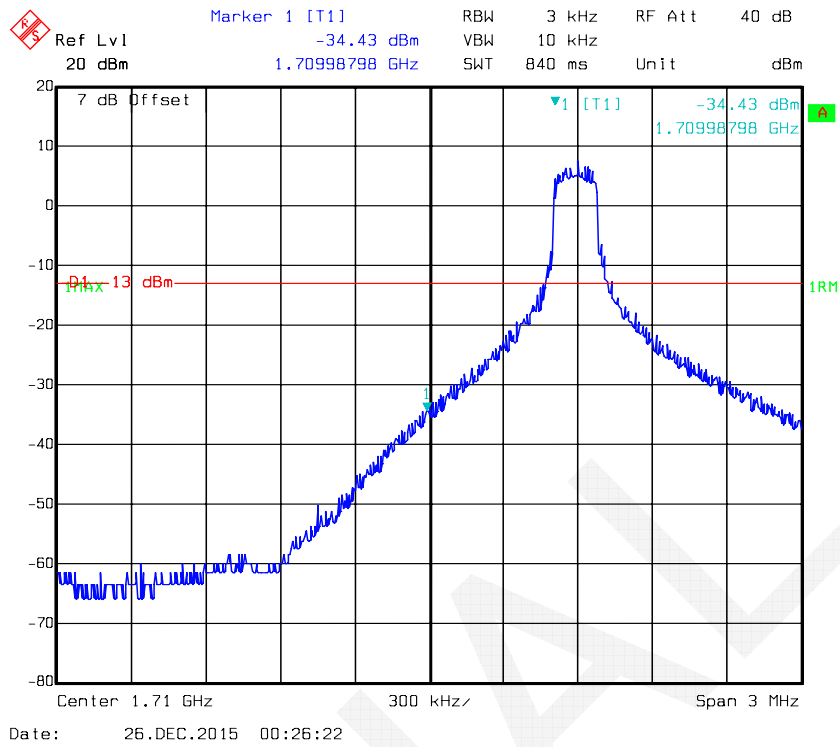


16QAM -5M 1RB, Right Band Edge

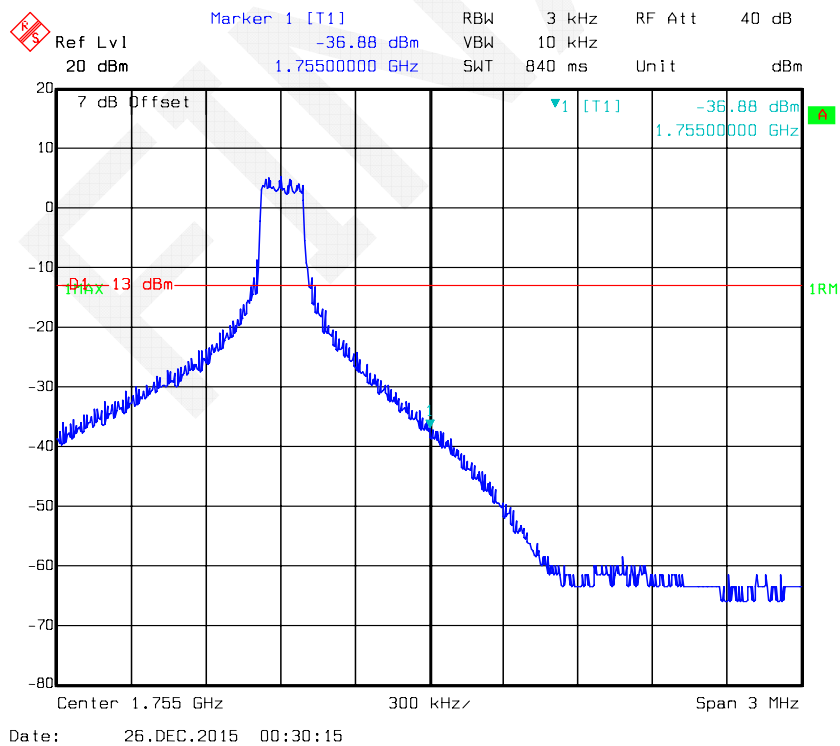


16QAM -5M Full RB, Left Band Edge**16QAM -5M Full RB, Right Band Edge**

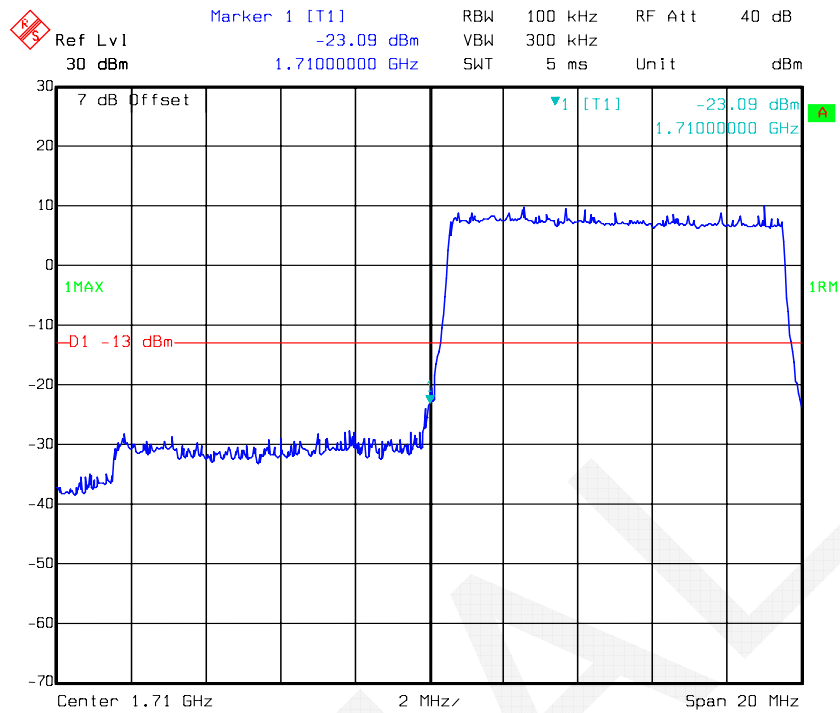
16QAM -10M 1RB, Left Band Edge



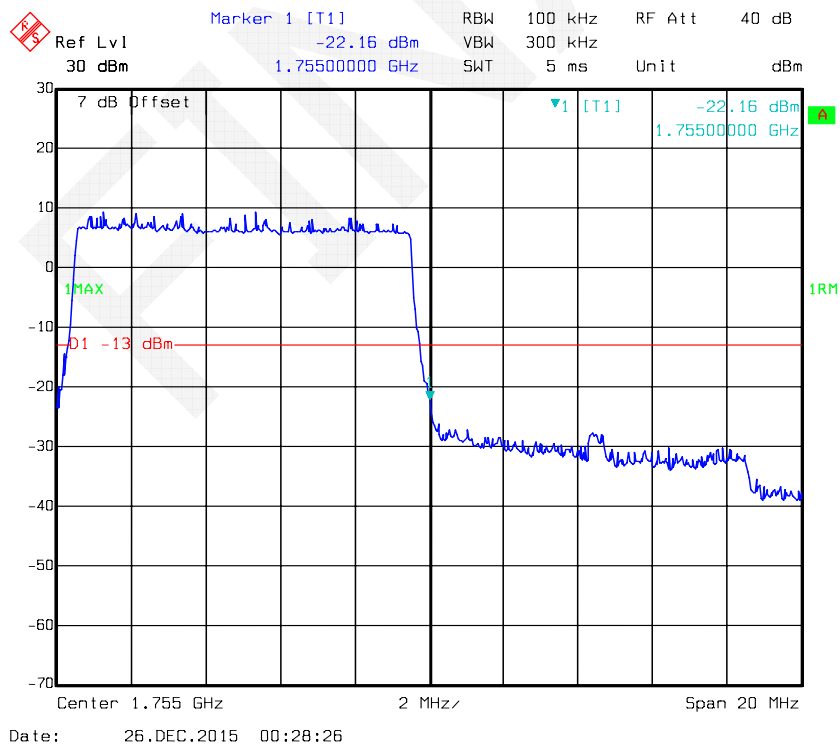
16QAM -10M 1RB, Right Band Edge

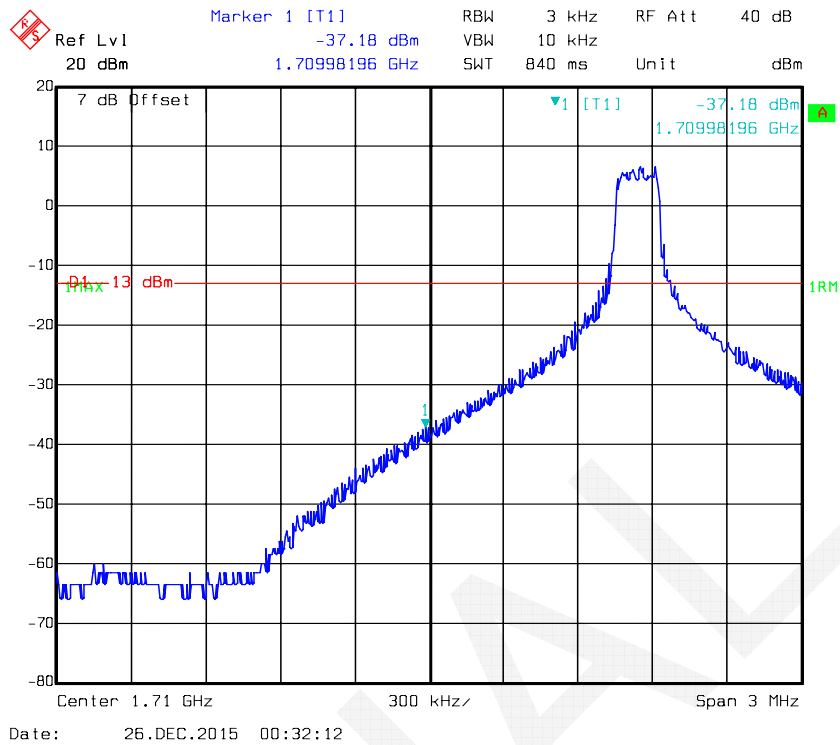
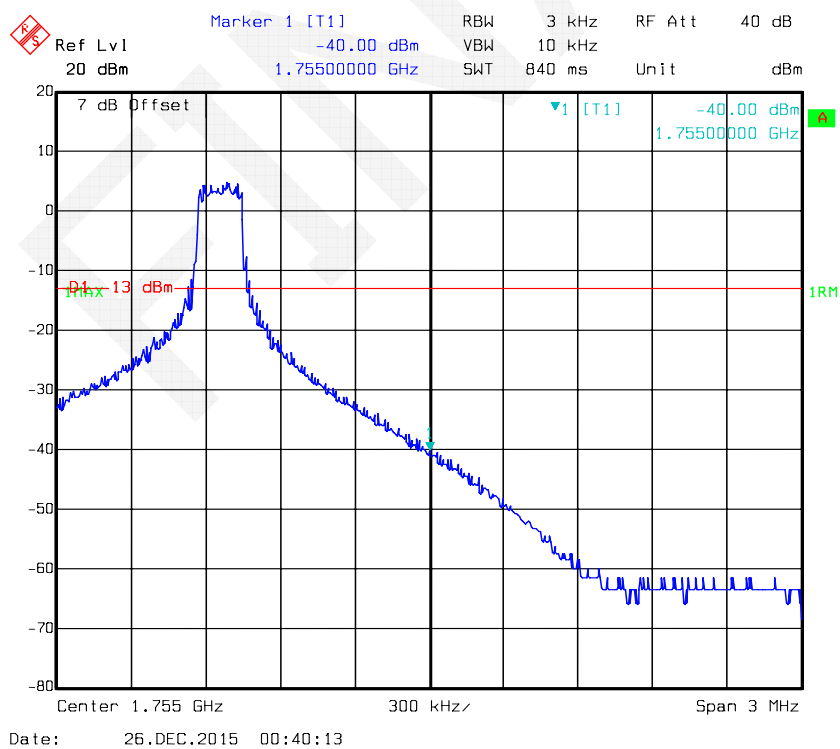


16QAM -10M Full RB, Left Band Edge

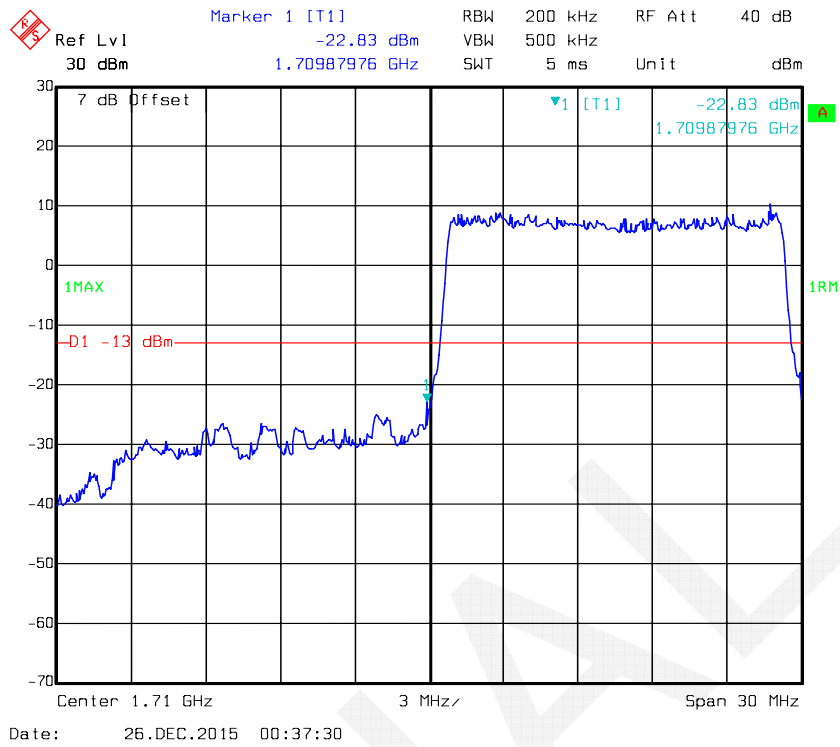


16QAM -10M Full RB, Right Band Edge



16QAM -15M 1RB, Left Band Edge**16QAM -15M 1RB, Right Band Edge**

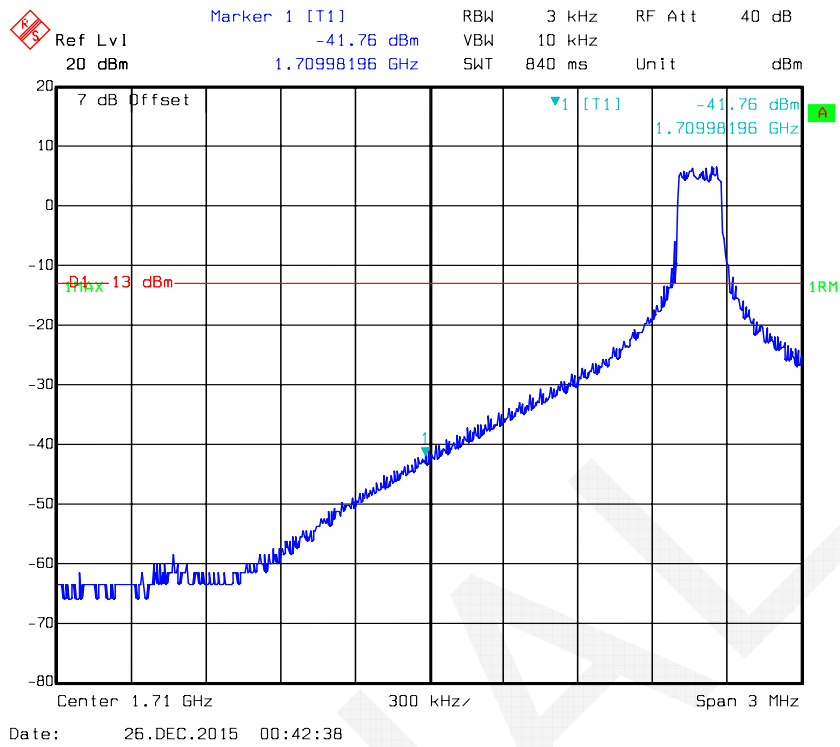
16QAM -15M Full RB, Left Band Edge



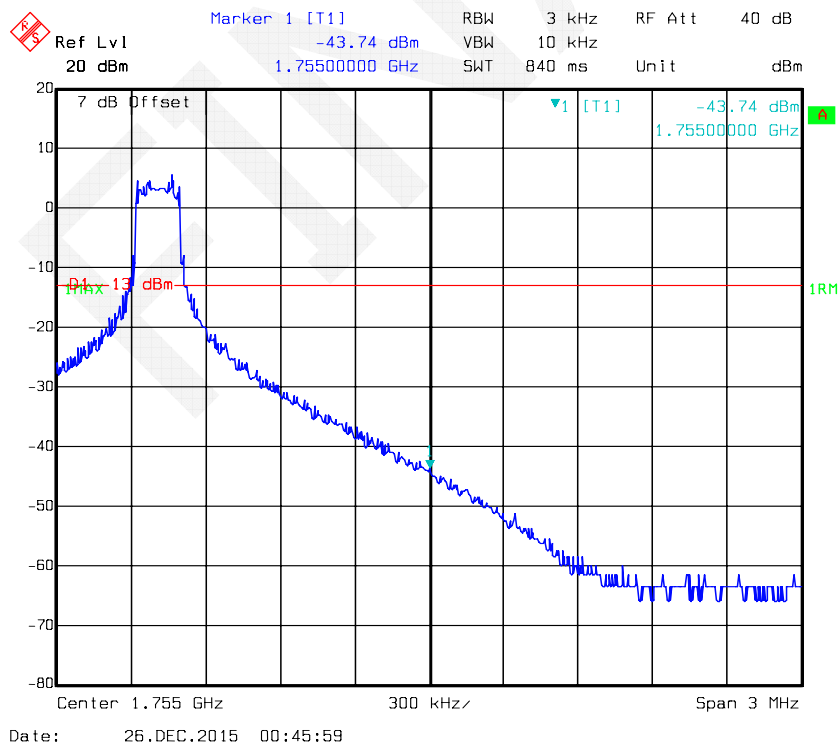
16QAM -15M Full RB, Right Band Edge



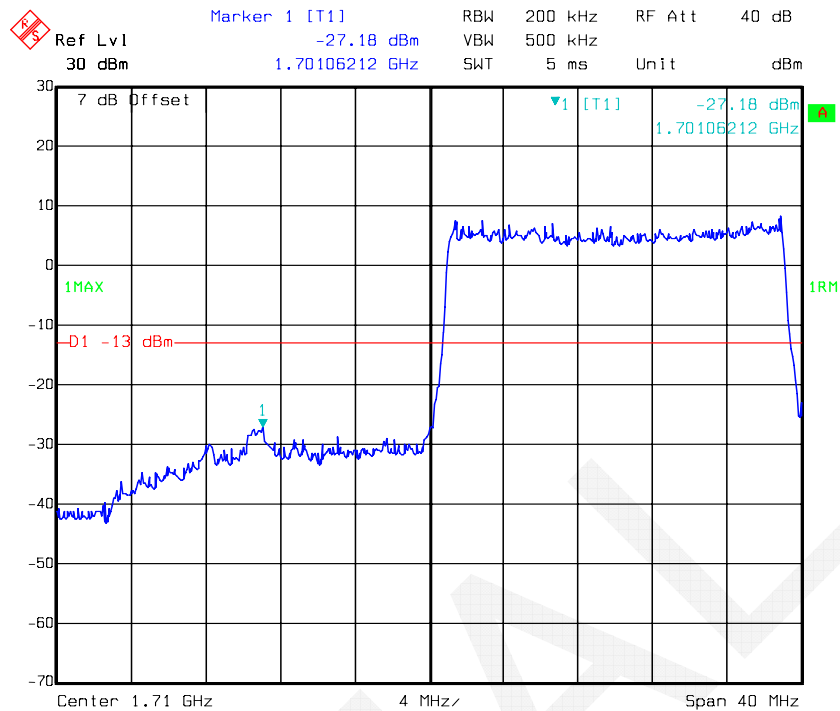
16QAM -20M 1RB, Left Band Edge



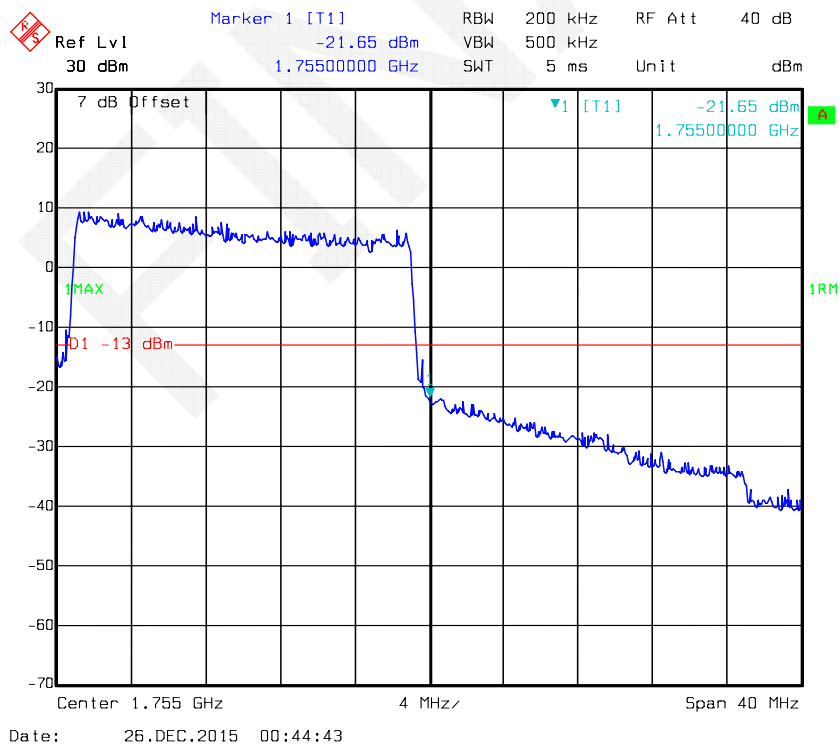
16QAM -20M 1RB, Right Band Edge



16QAM -20M Full RB, Left Band Edge

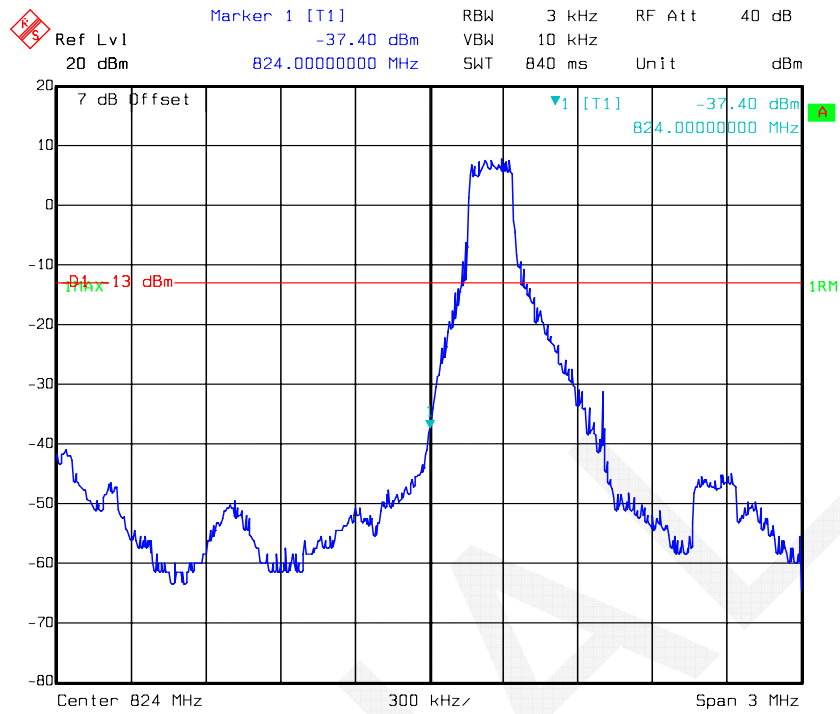


16QAM-20M Full RB, Right Band Edge



LTE Band 5:

QPSK-1.4M 1RB, Left Band Edge



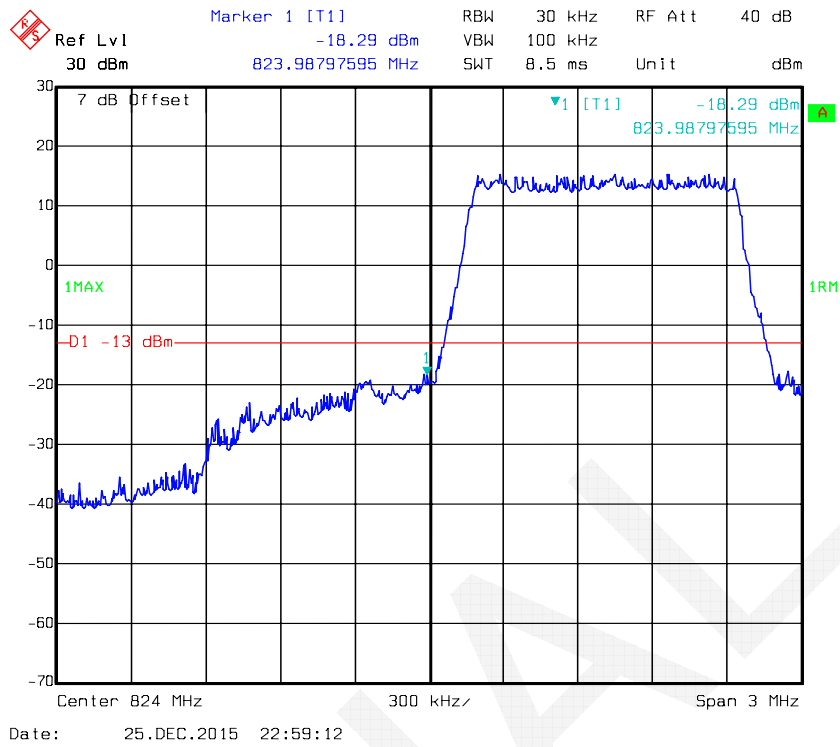
Date: 25.DEC.2015 22:56:05

QPSK-1.4M 1RB, Right Band Edge

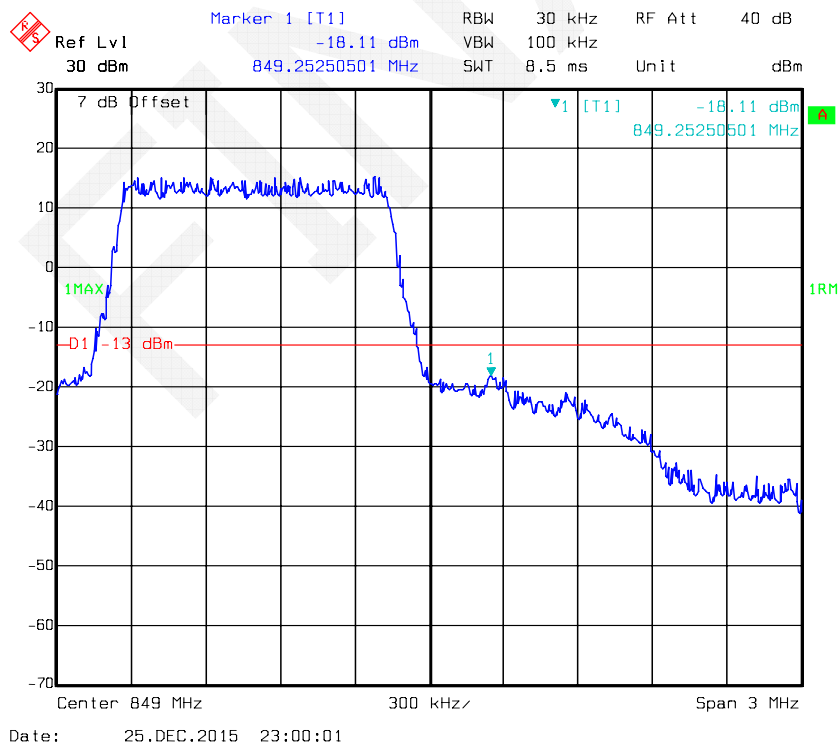


Date: 25.DEC.2015 23:00:47

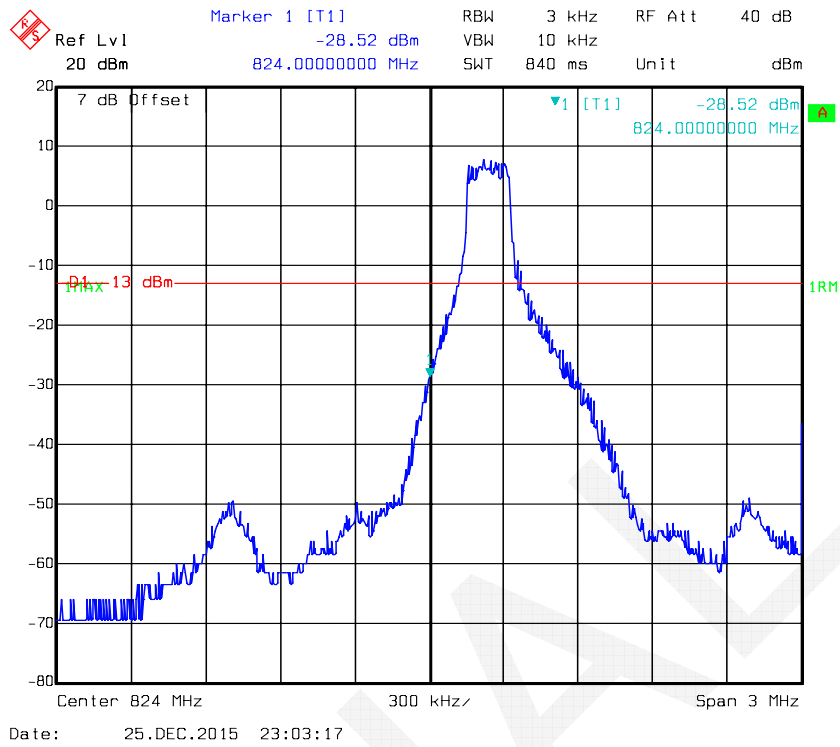
QPSK-1.4M Full RB, Left Band Edge



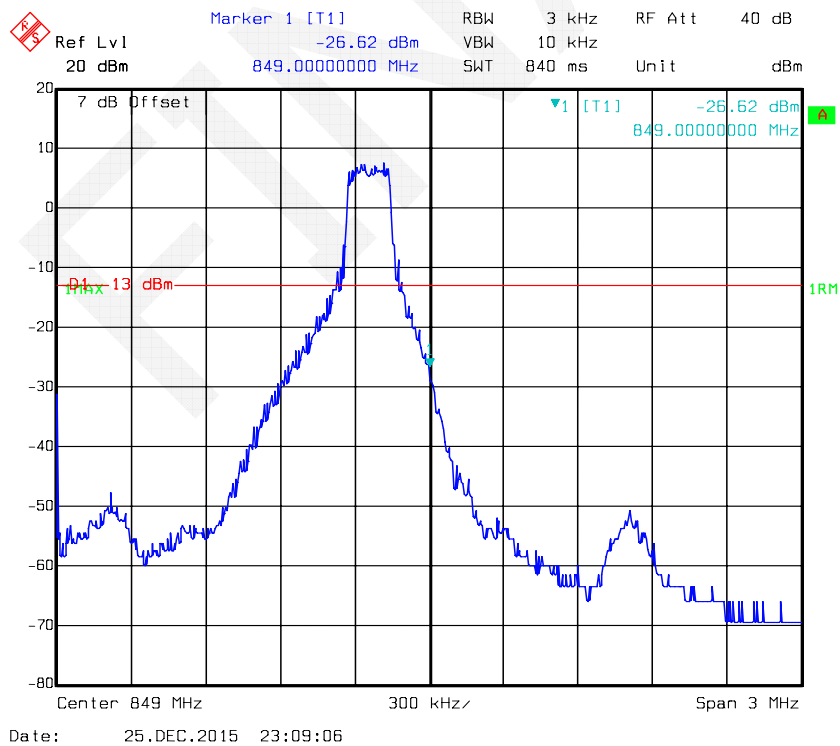
QPSK-1.4M Full RB, Right Band Edge



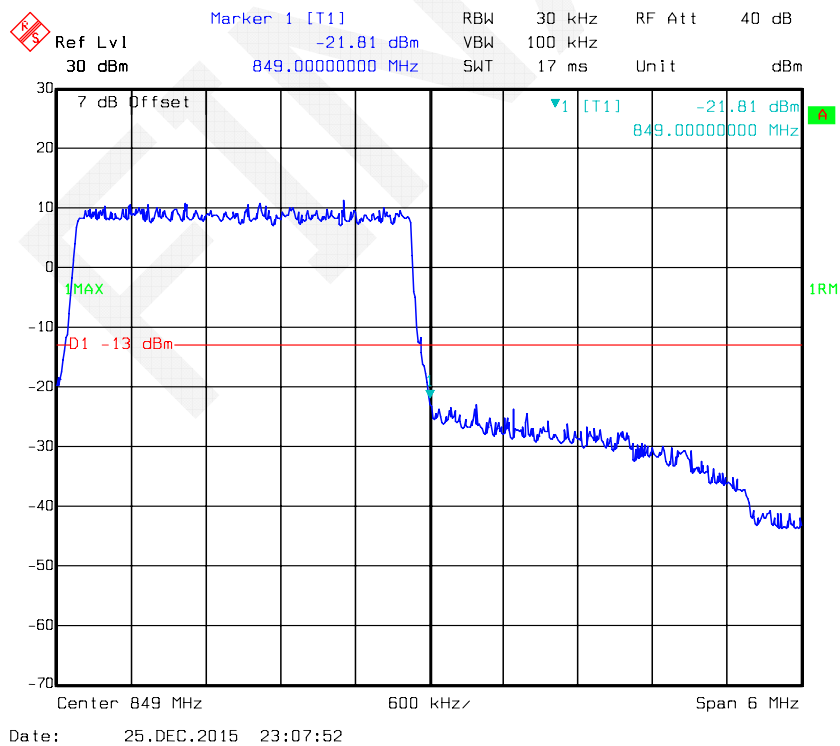
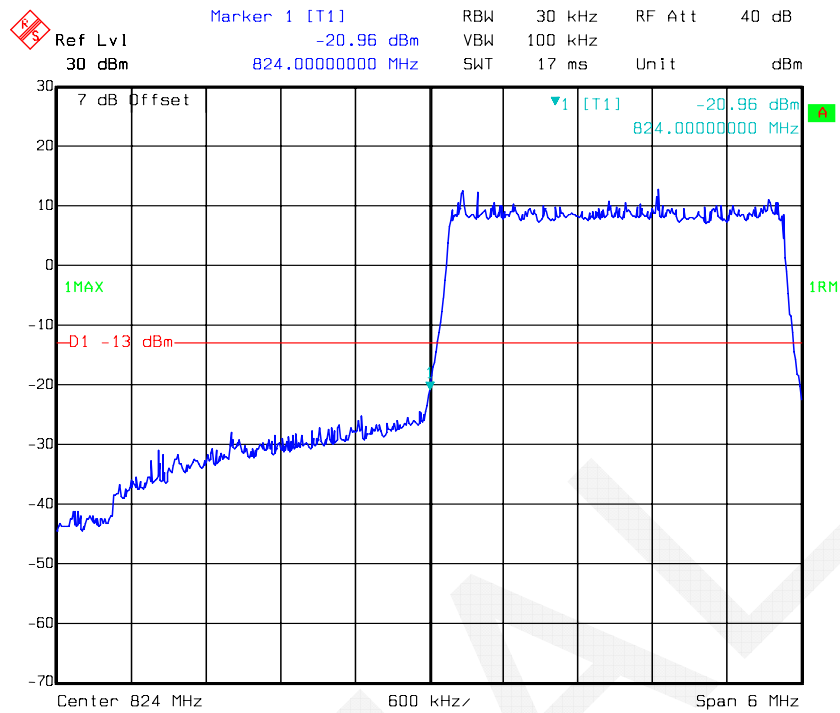
QPSK-3M 1RB, Left Band Edge



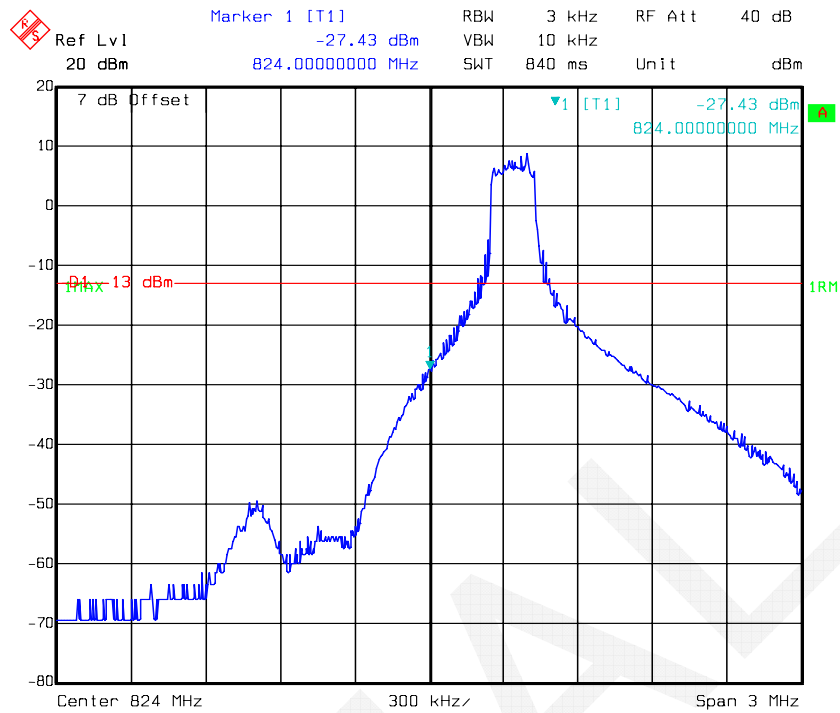
QPSK-3M 1RB, Right Band Edge



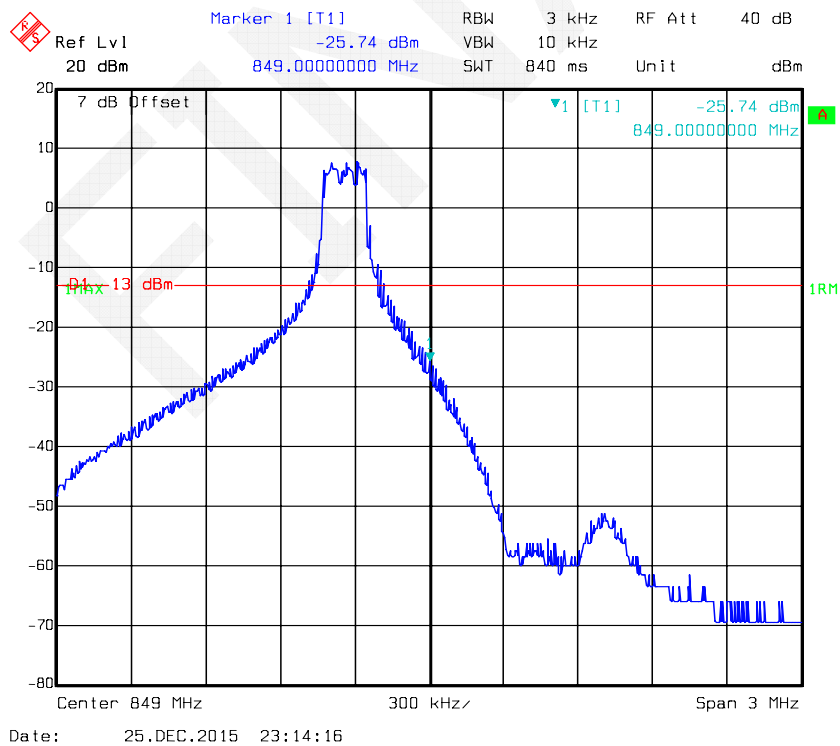
QPSK-3M Full RB, Left Band Edge



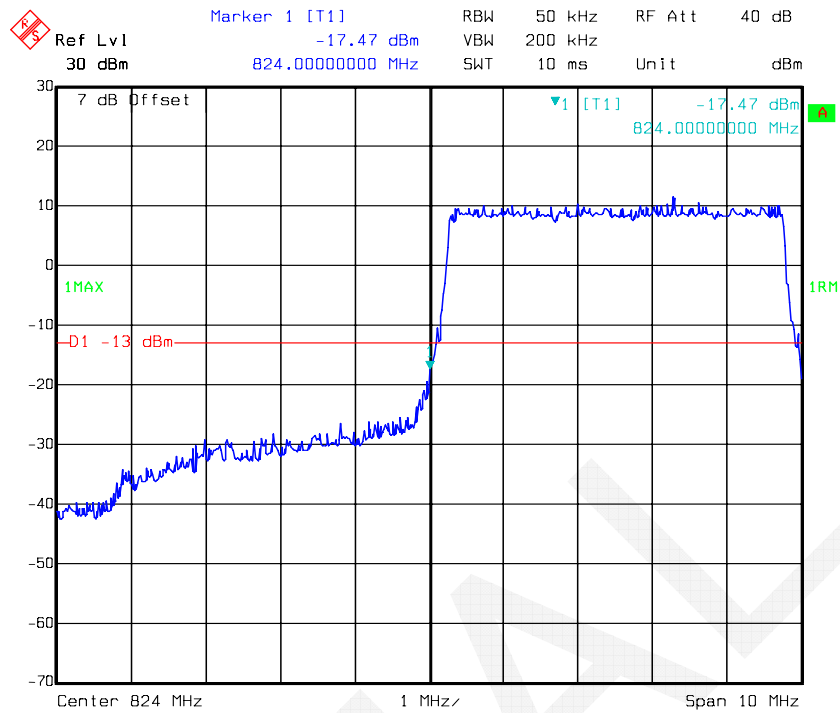
QPSK-5M 1RB, Left Band Edge



QPSK-5M 1RB, Right Band Edge

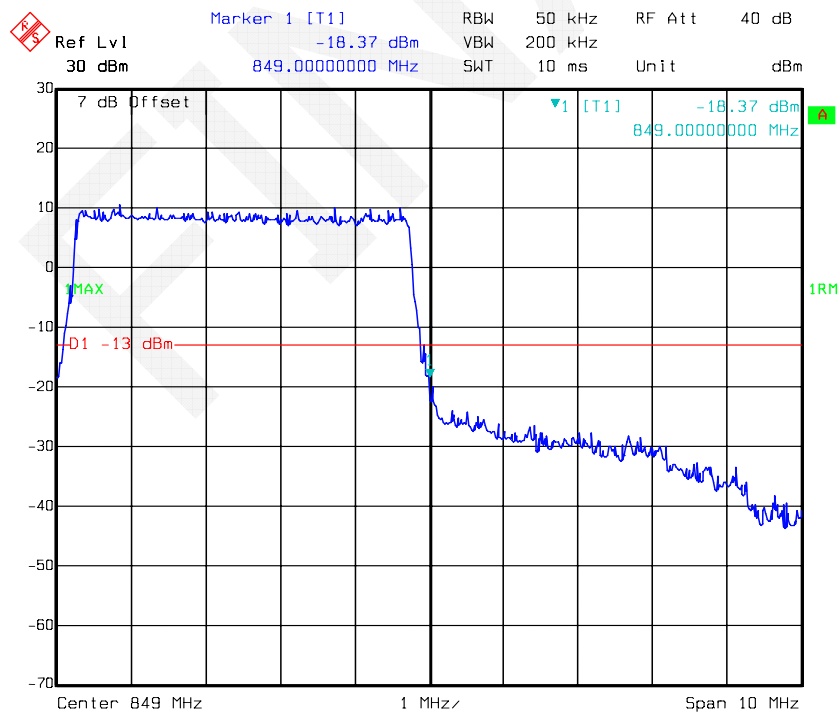


QPSK-5M Full RB, Left Band Edge



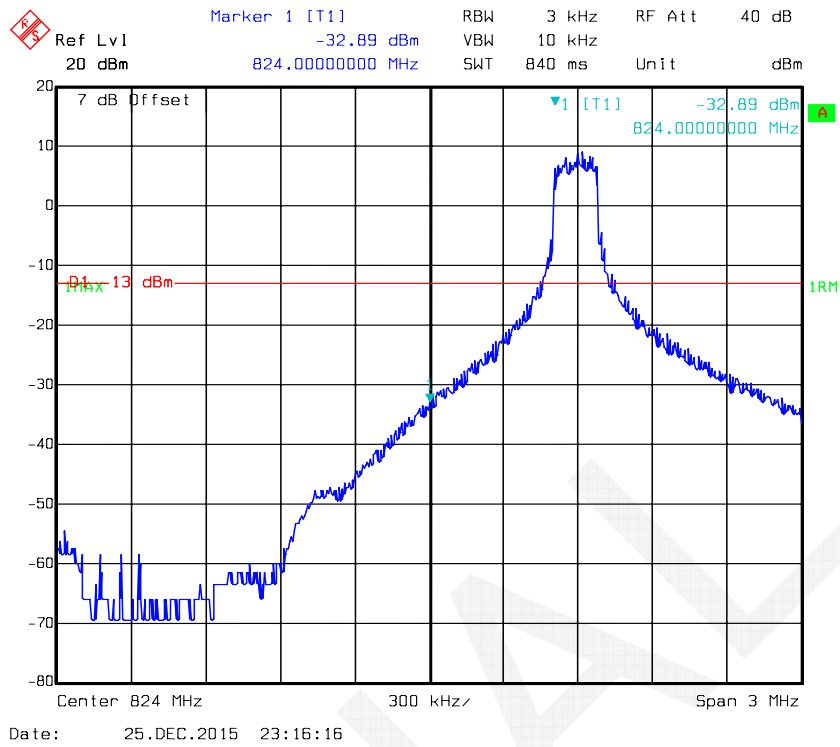
Date: 25.DEC.2015 23:11:43

QPSK-5M Full RB, Right Band Edge

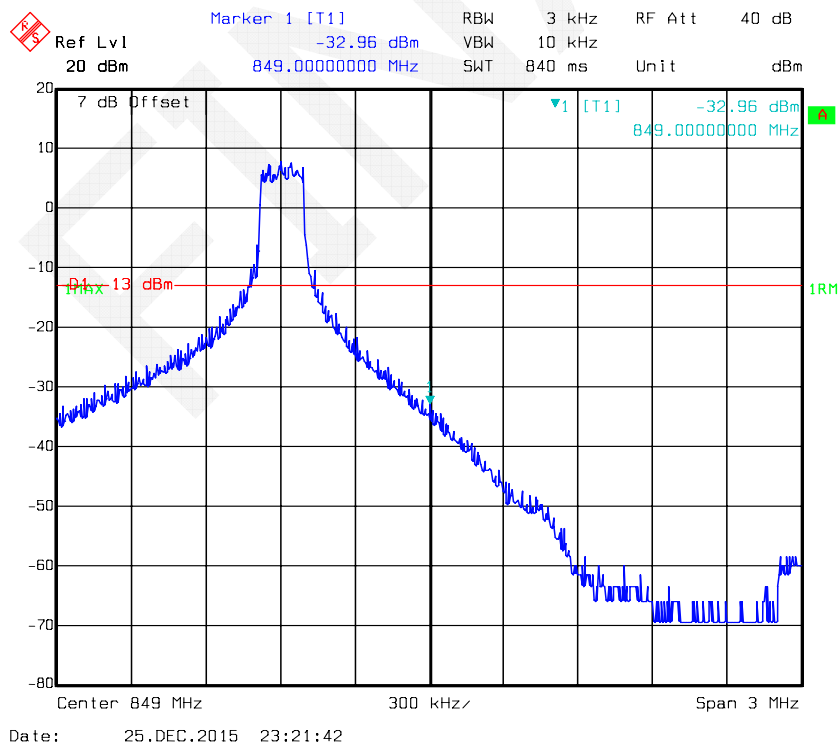


Date: 25.DEC.2015 23:13:02

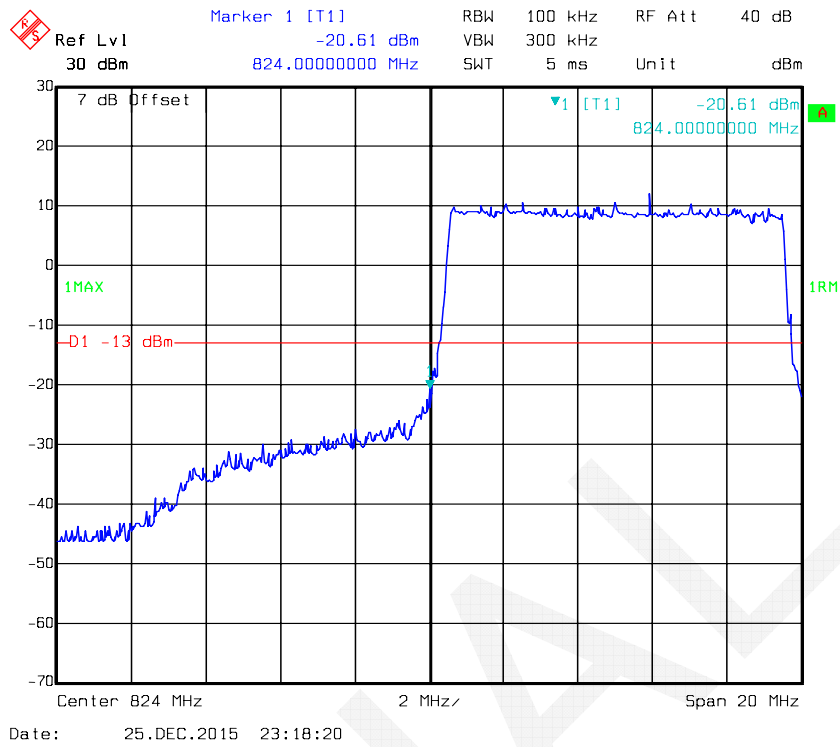
QPSK-10M 1RB, Left Band Edge



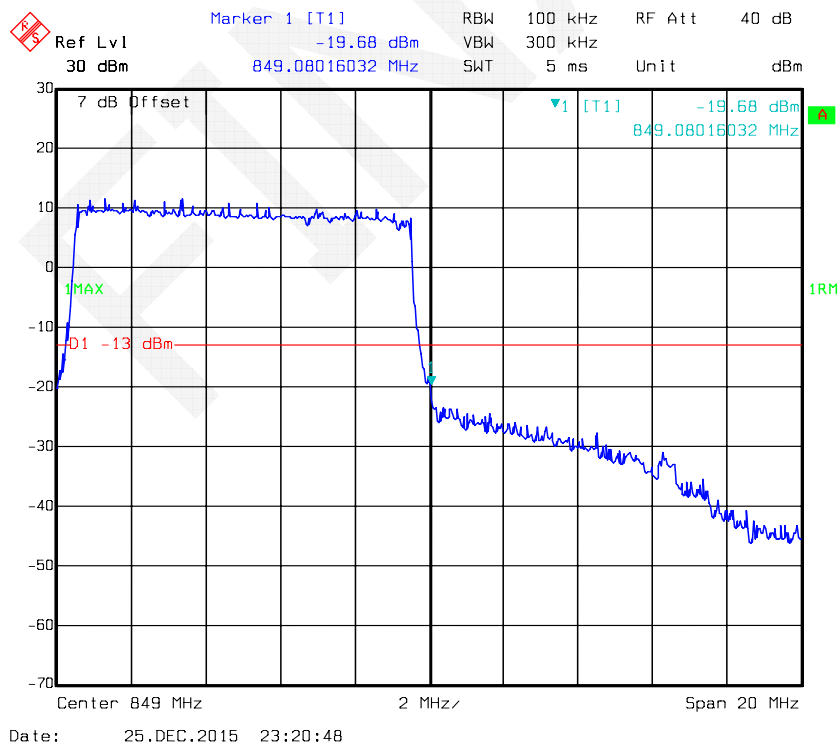
QPSK-10M 1RB, Right Band Edge



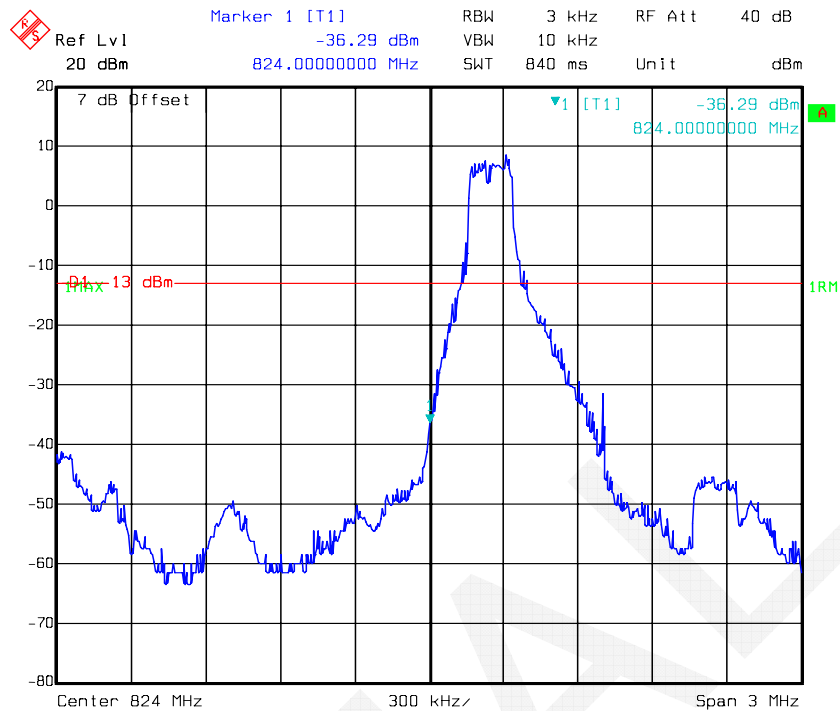
QPSK-10M Full RB, Left Band Edge



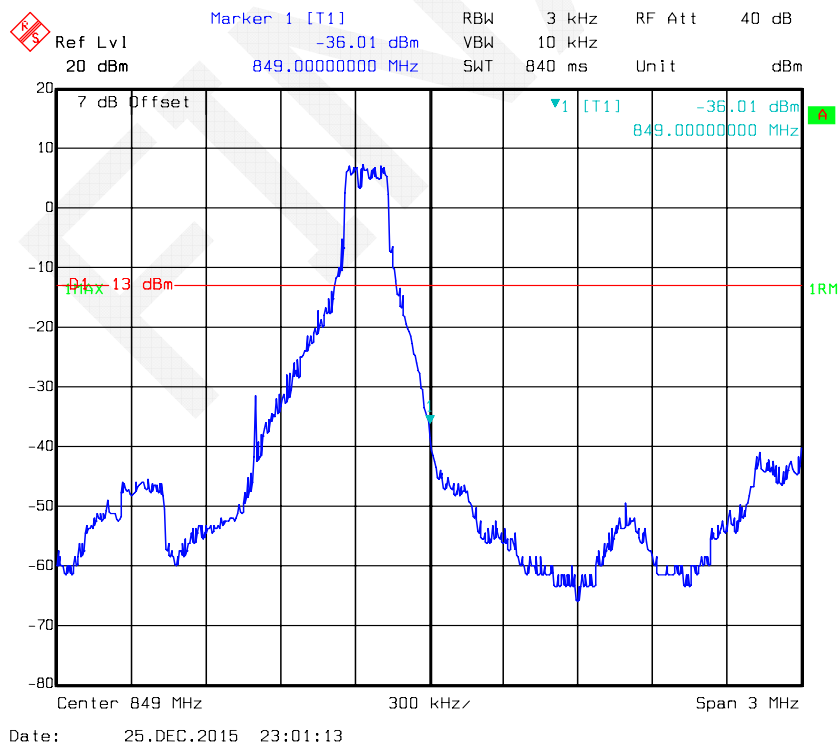
QPSK-10M Full RB, Right Band Edge



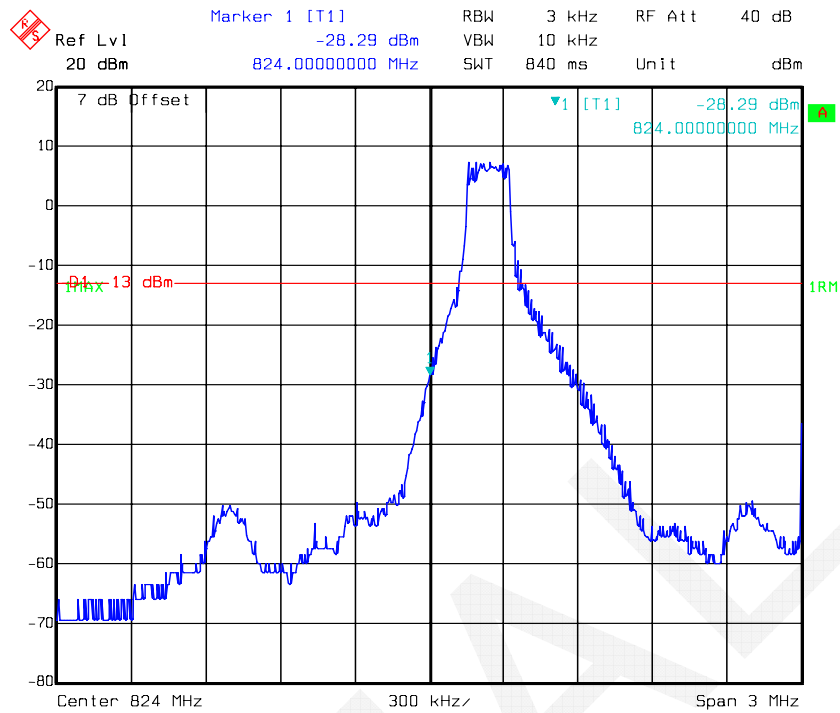
16QAM -1.4M 1RB, Left Band Edge



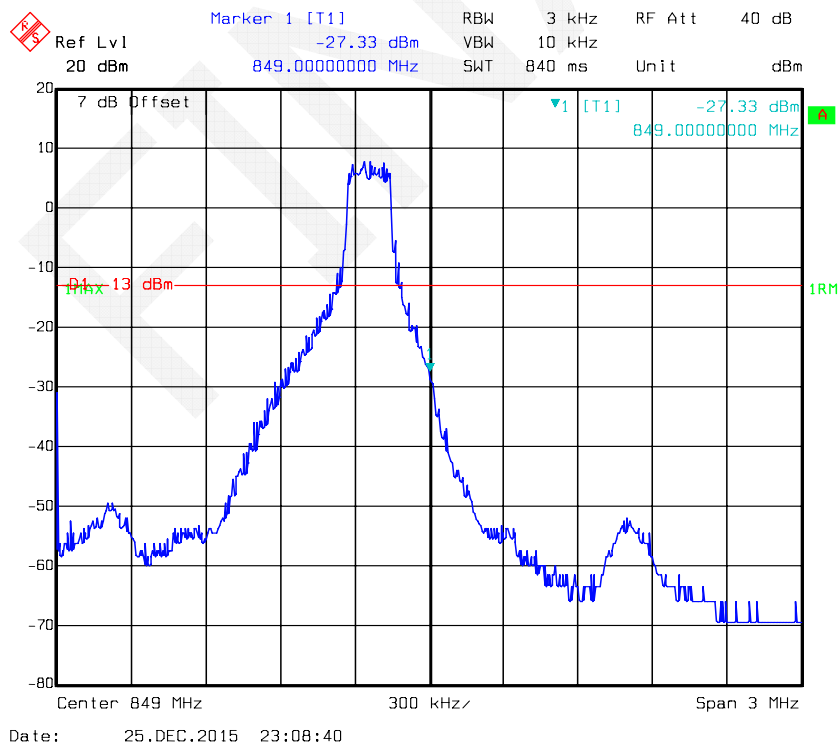
16QAM -1.4M 1RB, Right Band Edge



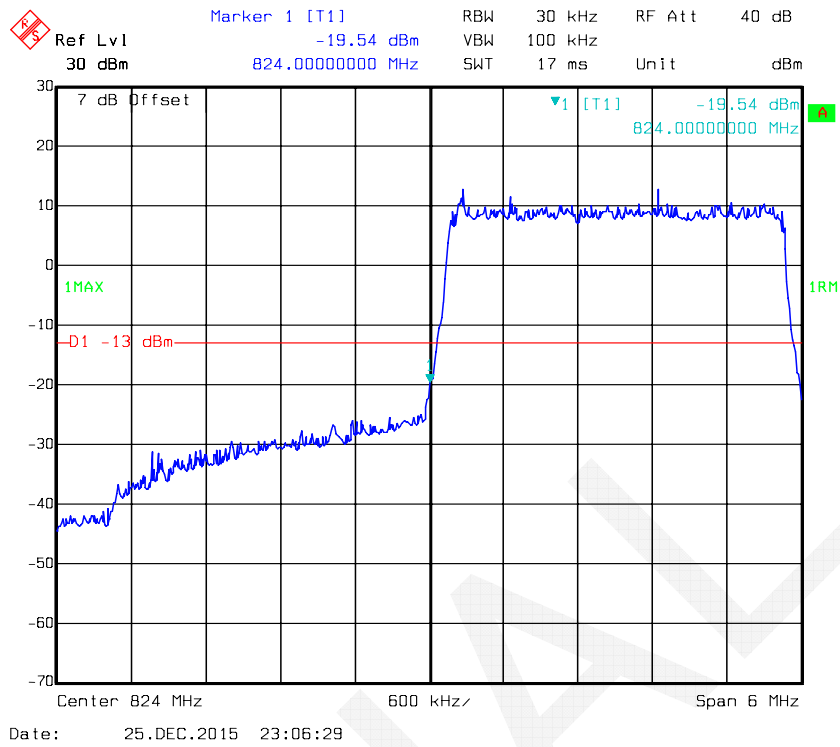
16QAM -3M 1RB, Left Band Edge



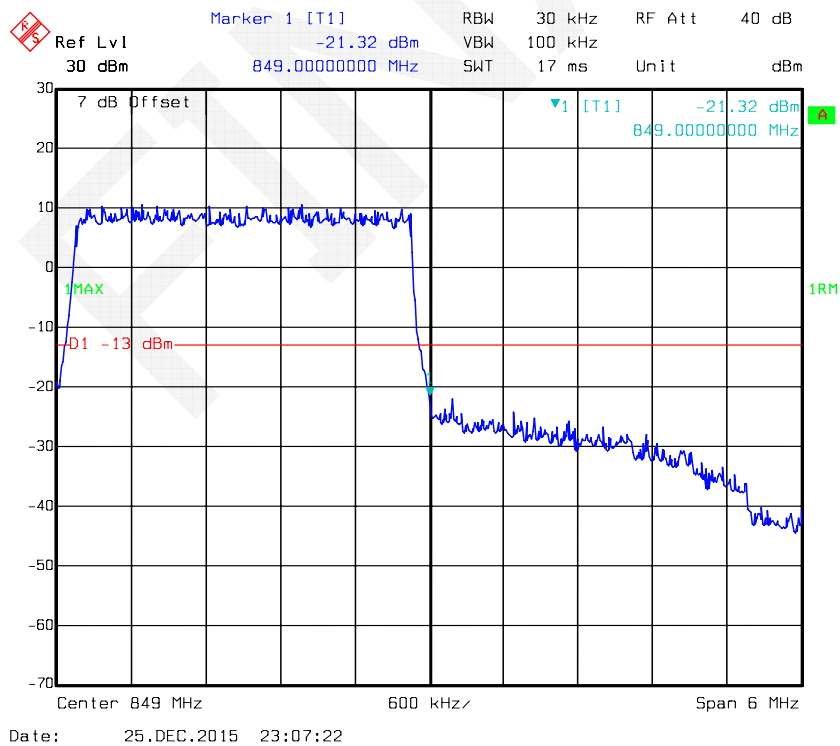
16QAM -3M 1RB, Right Band Edge



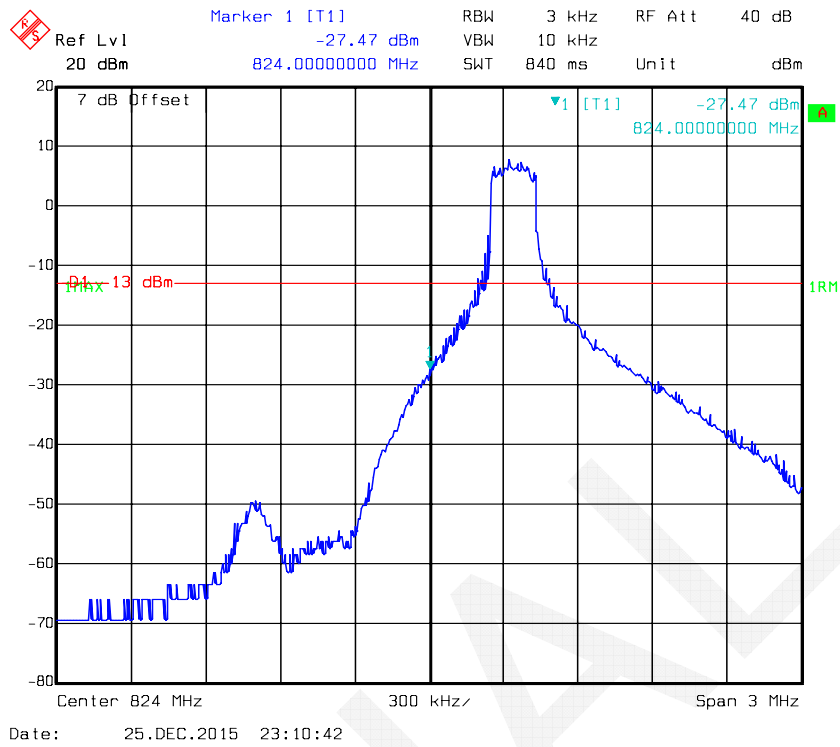
16QAM -3M Full RB, Left Band Edge



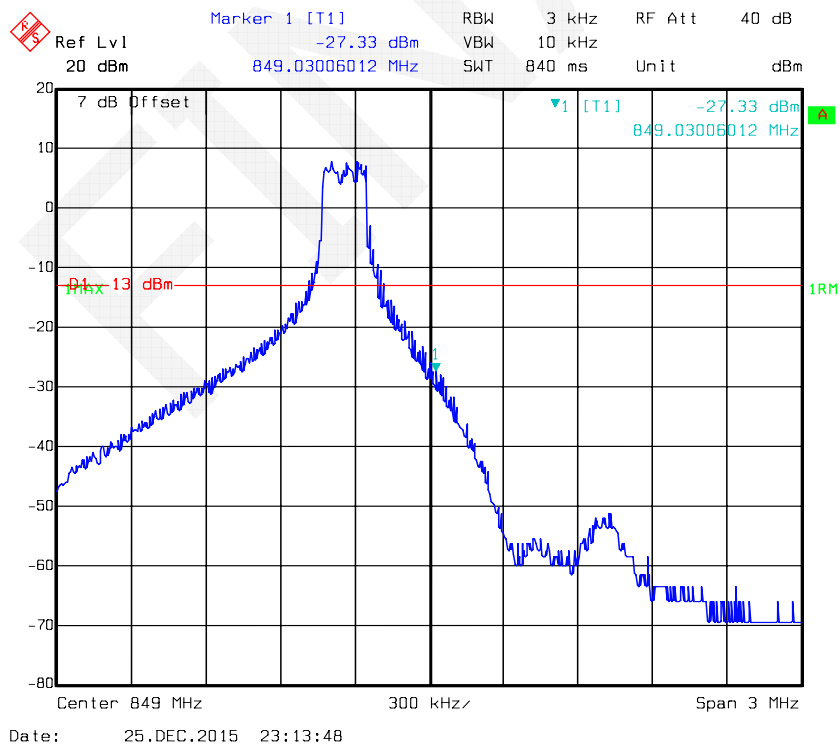
16QAM -3M Full RB, Right Band Edge



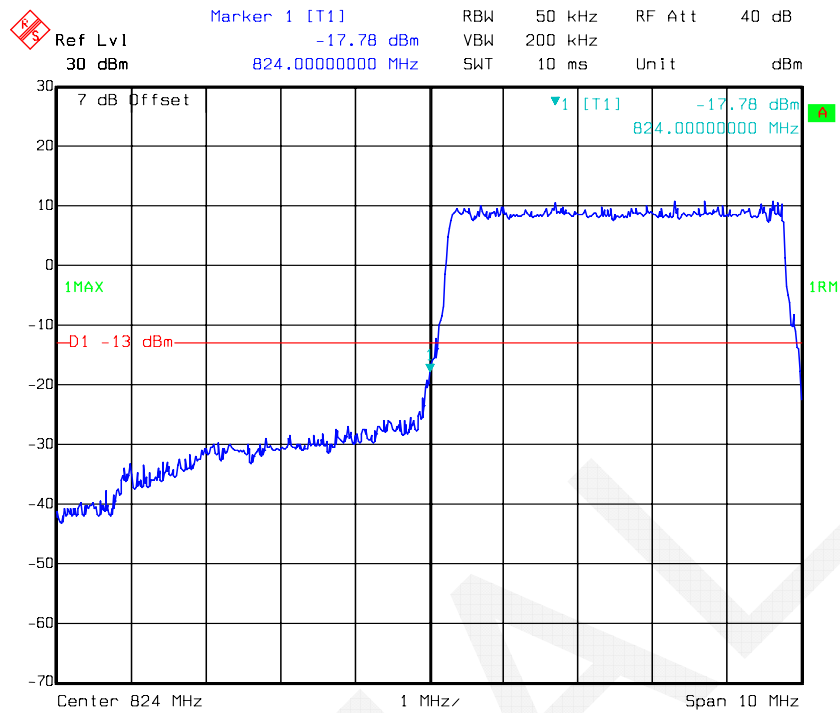
16QAM -5M 1RB, Left Band Edge



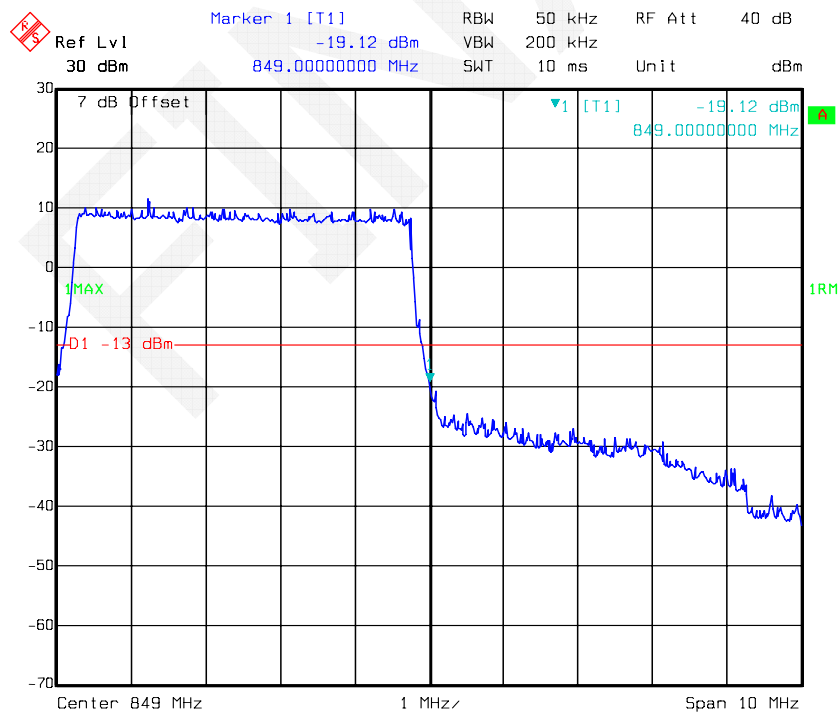
16QAM -5M 1RB, Right Band Edge



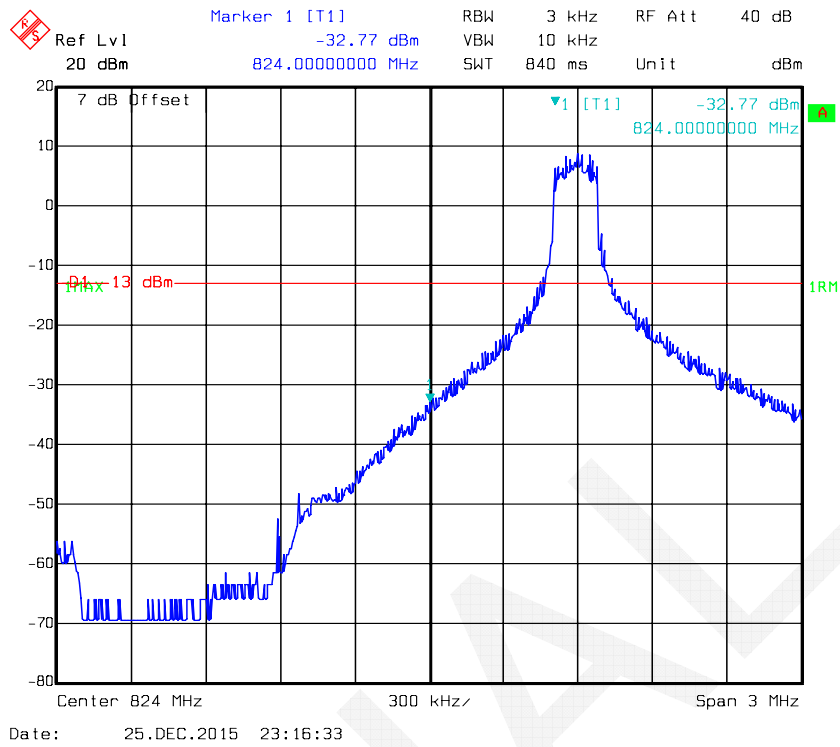
16QAM -5M Full RB, Left Band Edge



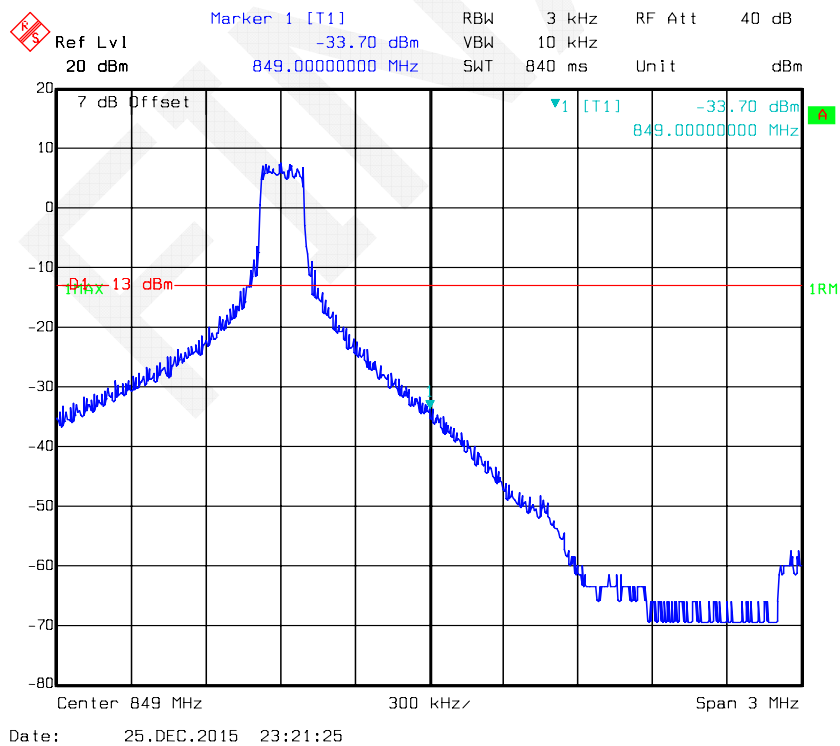
16QAM -5M Full RB, Right Band Edge



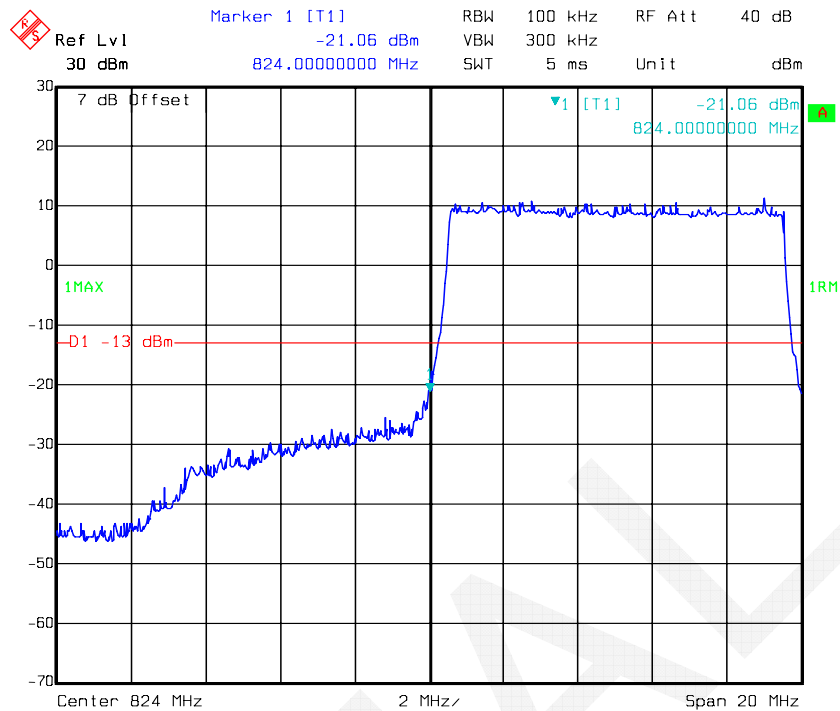
16QAM -10M 1RB, Left Band Edge



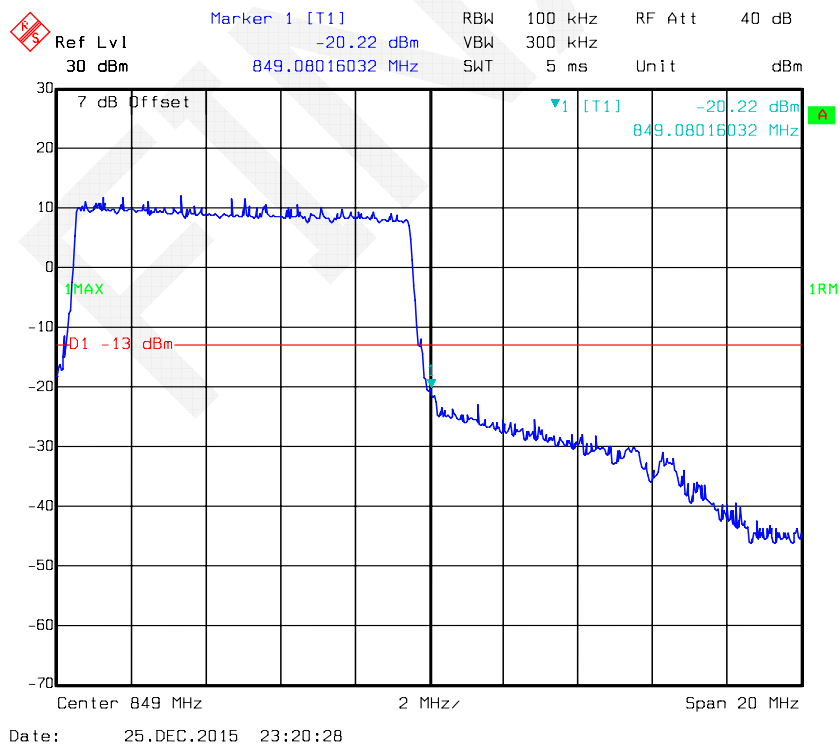
16QAM -10M 1RB, Right Band Edge



16QAM -10M Full RB, Left Band Edge

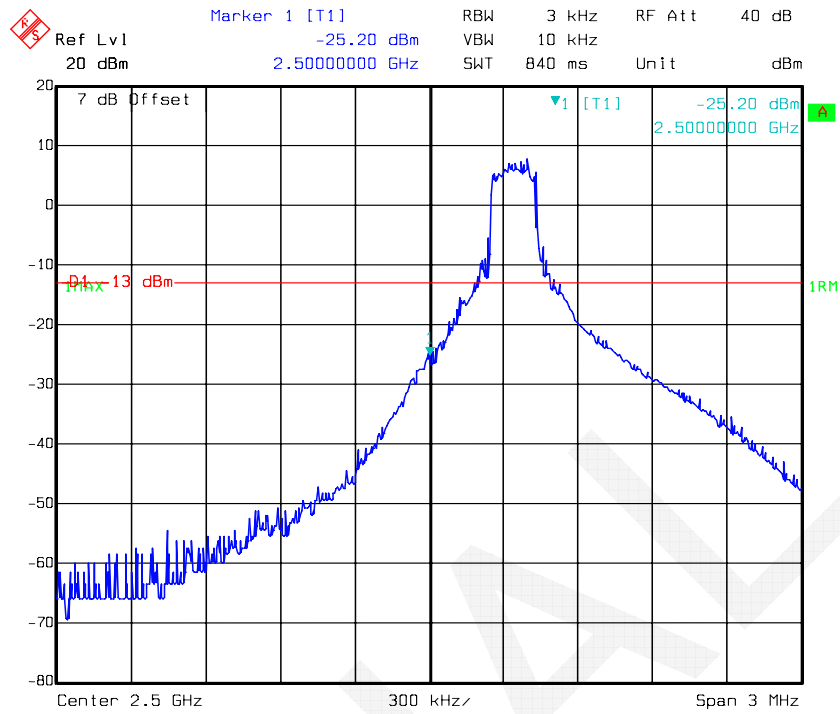


16QAM -10M Full RB, Right Band Edge



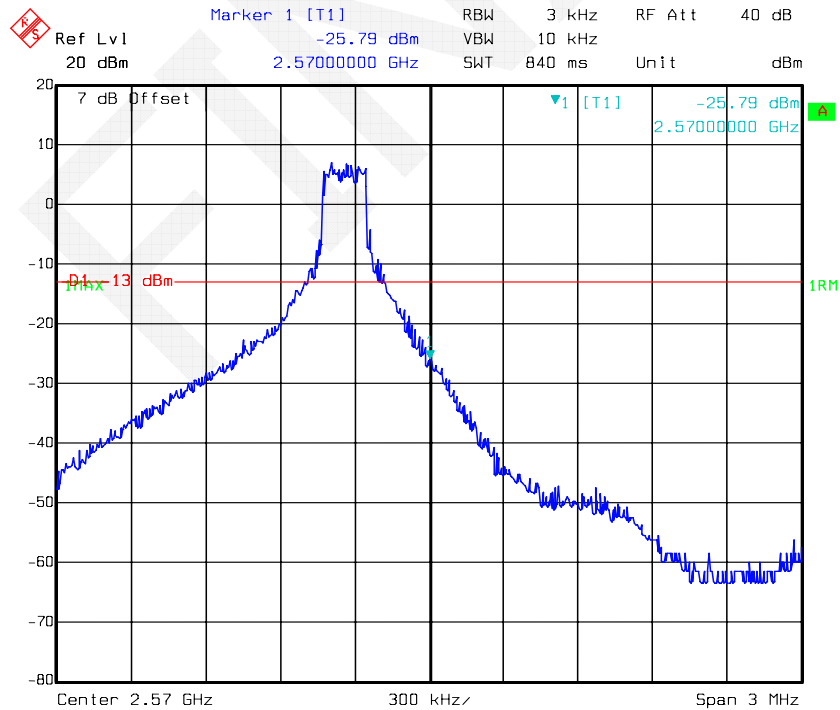
LTE Band 7

QPSK-5M 1RB, Left Band Edge



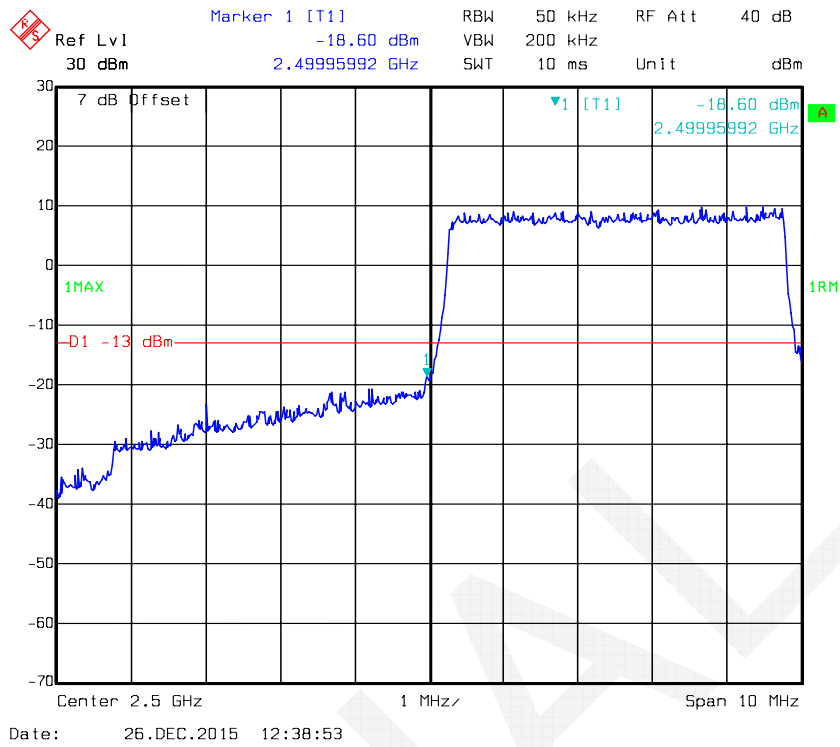
Date: 26.DEC.2015 12:36:36

QPSK-5M 1RB, Right Band Edge

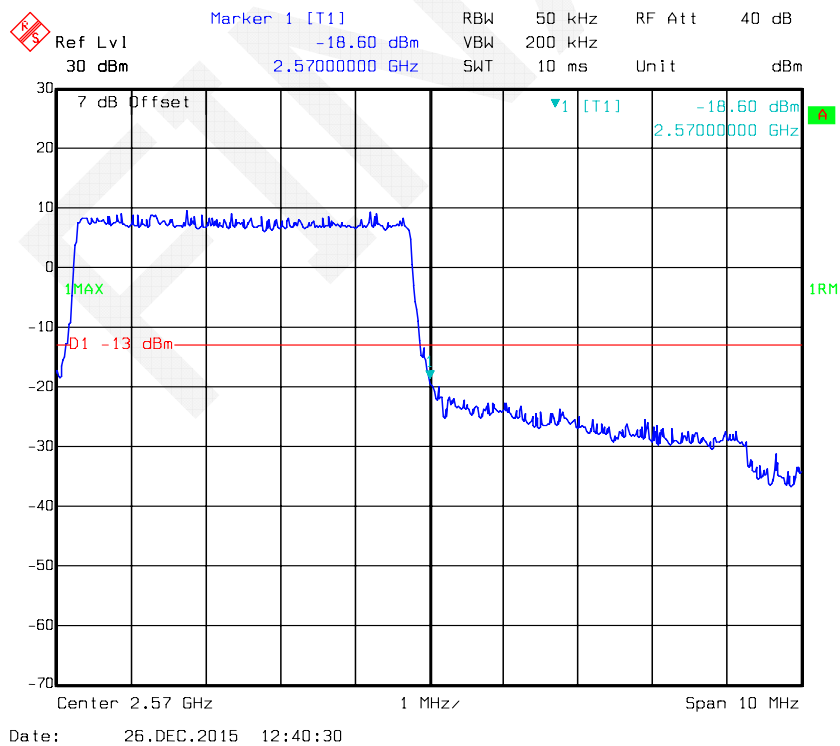


Date: 26.DEC.2015 12:41:53

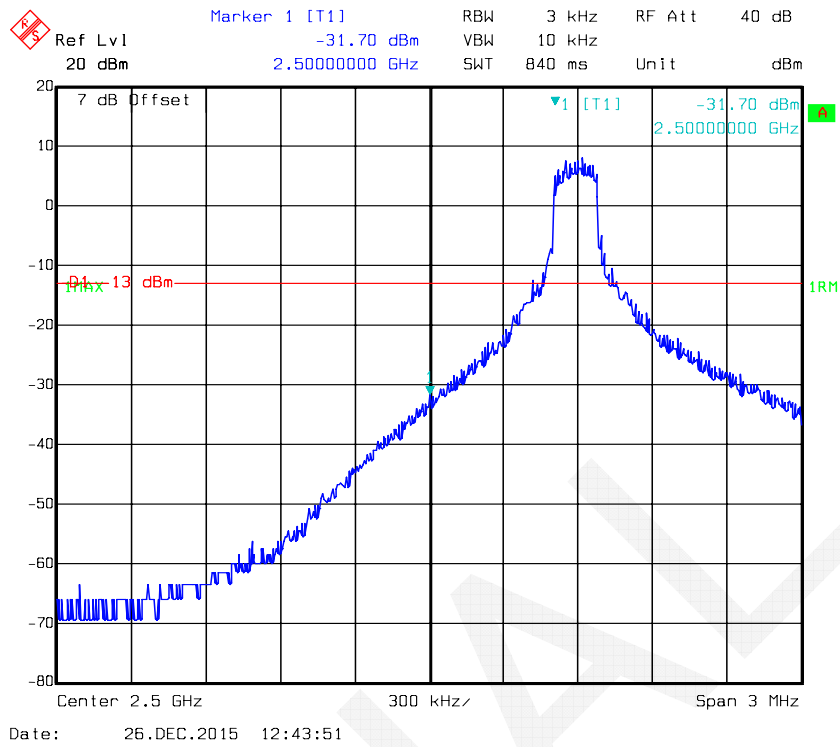
QPSK-5M Full RB, Left Band Edge



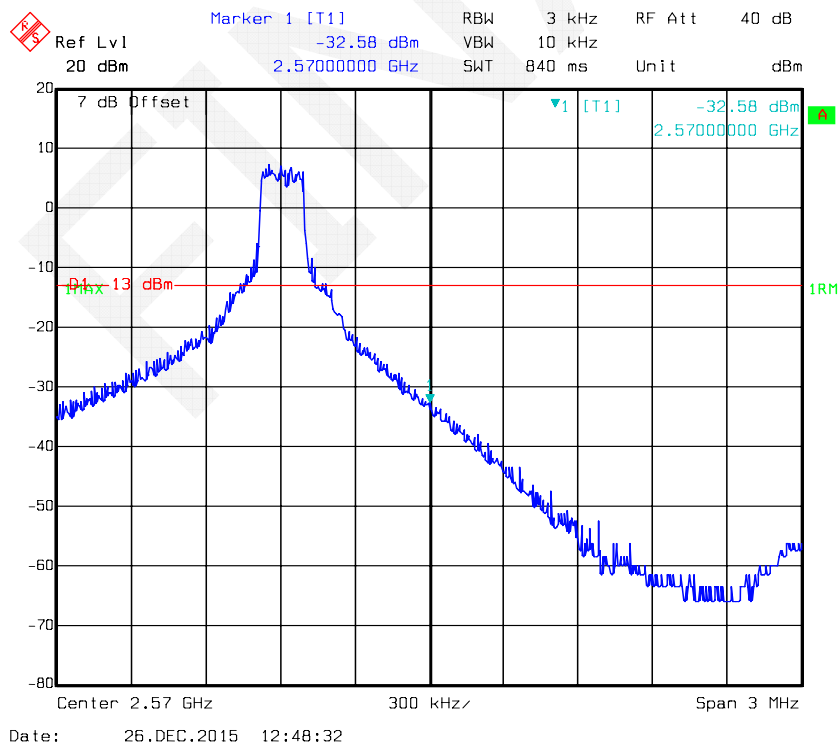
QPSK-5M Full RB, Right Band Edge



QPSK-10M 1RB, Left Band Edge

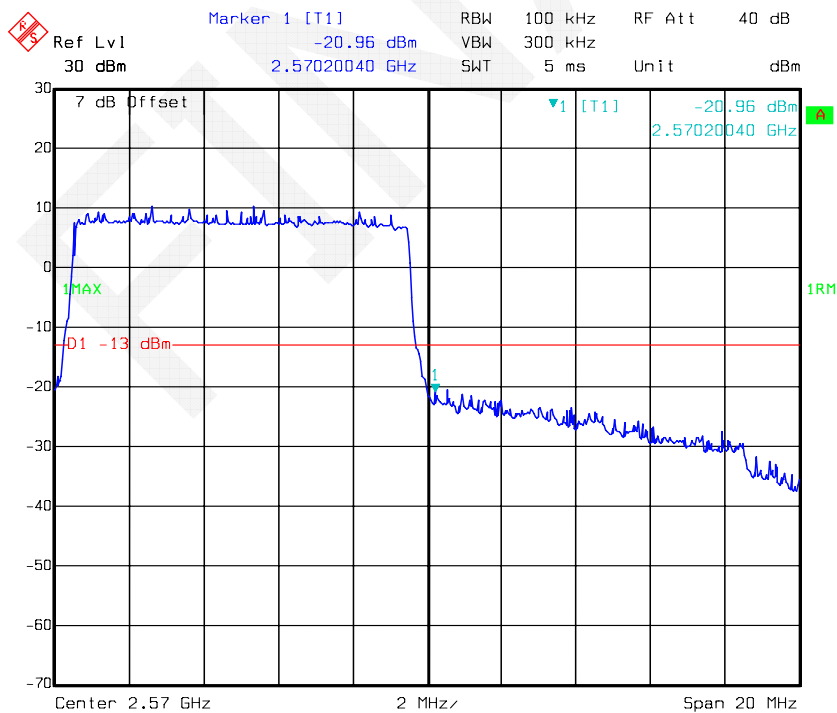


QPSK-10M 1RB, Right Band Edge



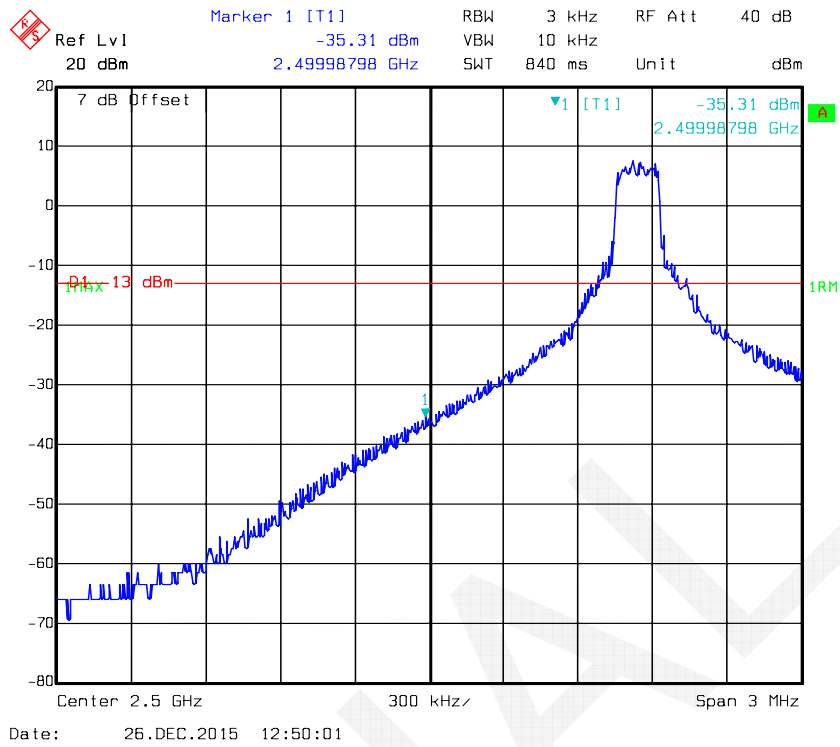
A screenshot of a spectrum analyzer interface. The top bar contains various settings: RBW 100 kHz, RF Att 40 dB, VBW 300 kHz, Span 20 MHz, Center 2.5 GHz, and Resolution 2 MHz. The main plot area shows a signal trace in blue, rising from approximately -40 dBm at 2.49995 GHz to -10 dBm at 2.49996 GHz. A red horizontal line is drawn at -13 dBm. The bottom bar shows the current settings: Center 2.5 GHz, Span 20 MHz, and Resolution 2 MHz.

QPSK-10M Full RB, Right Band Edge

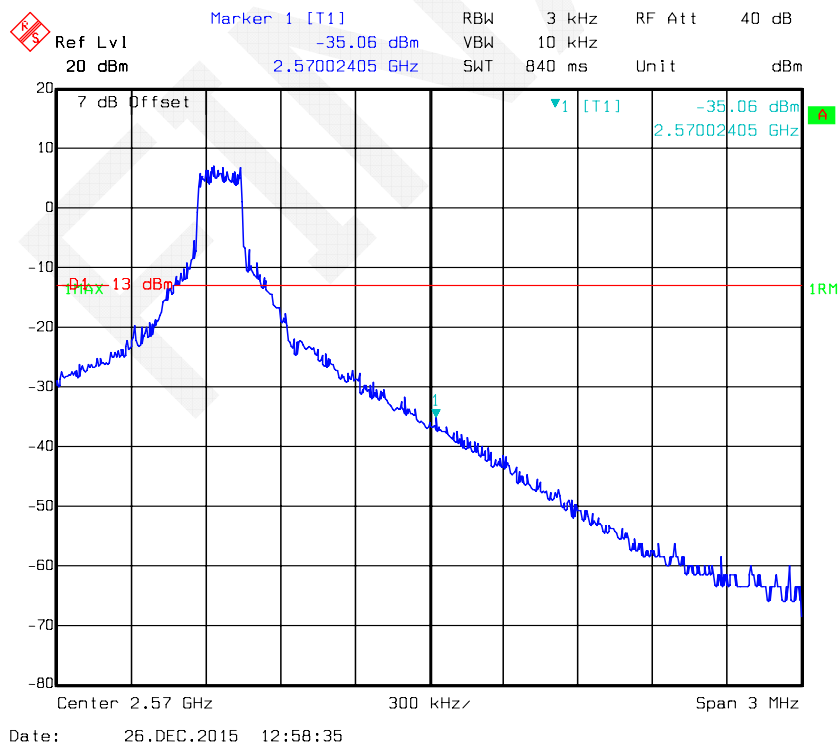


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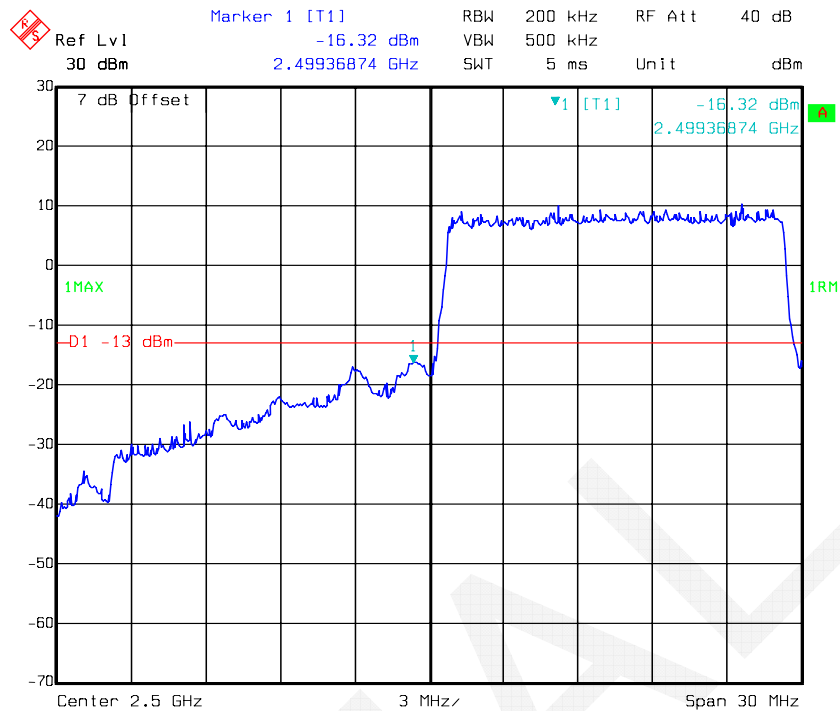
QPSK-15M 1RB, Left Band Edge



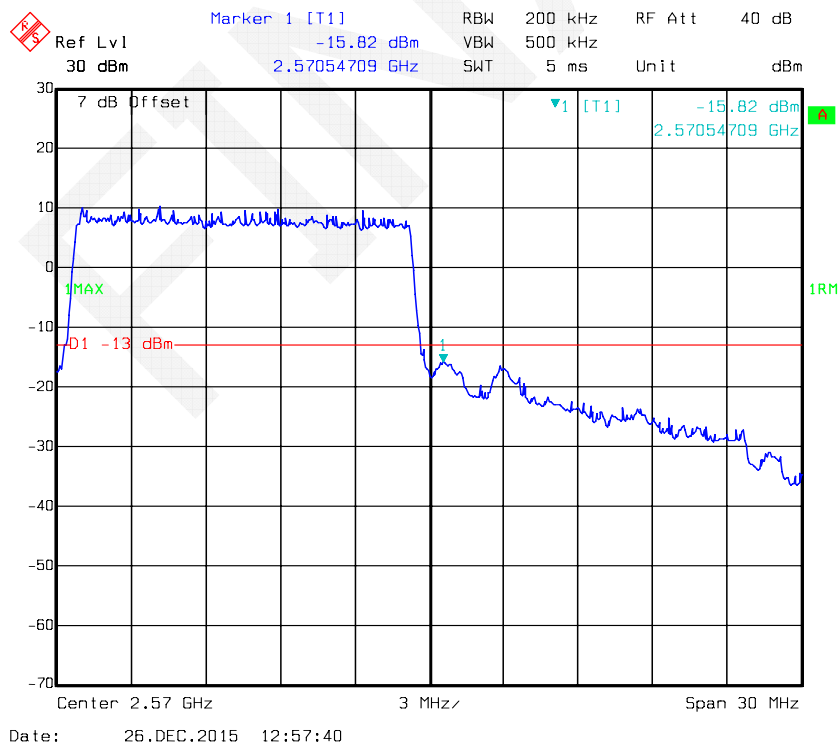
QPSK-15M 1RB, Right Band Edge



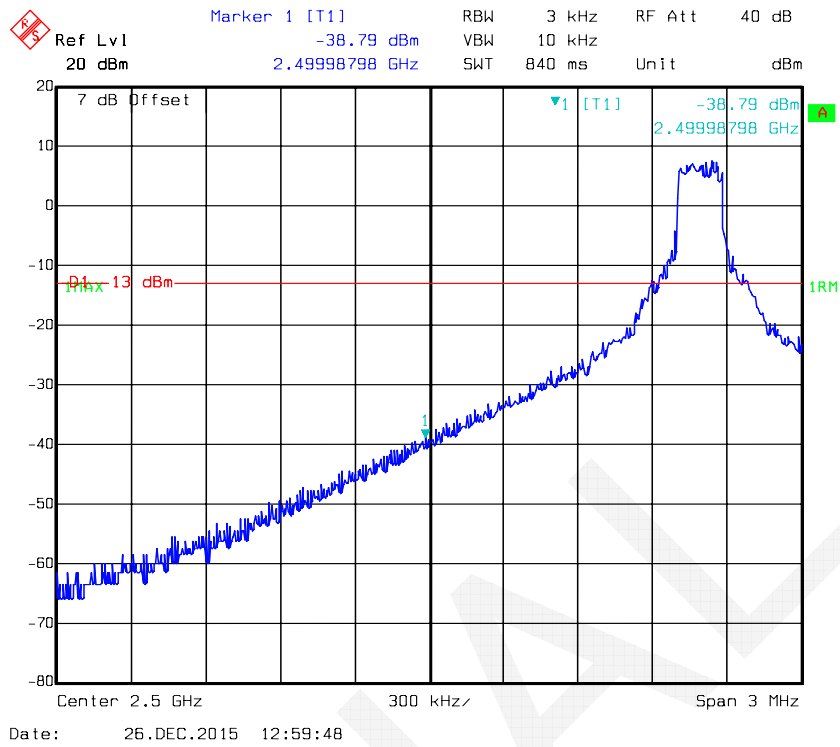
QPSK-15M Full RB, Left Band Edge



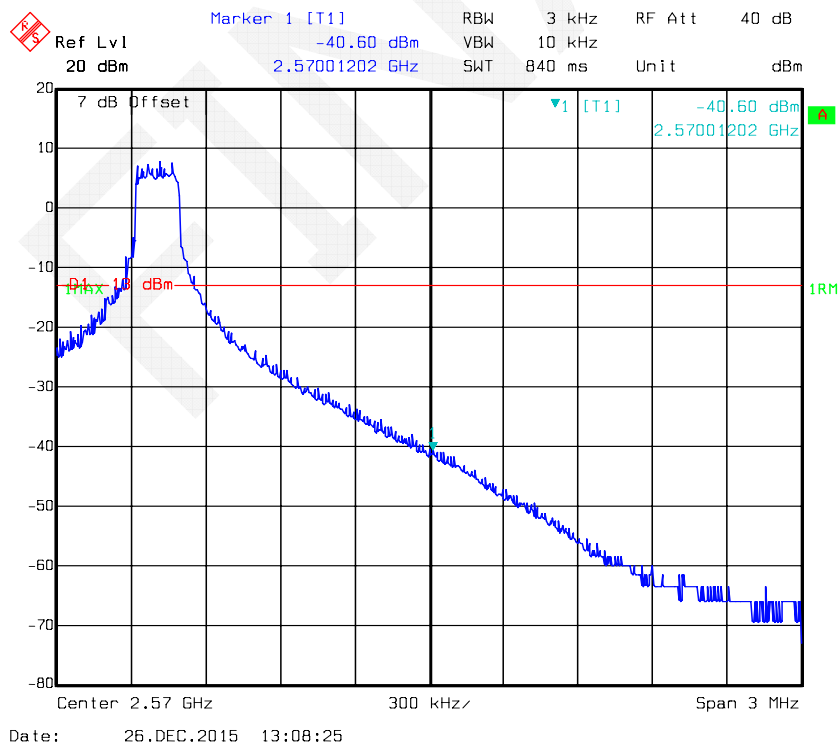
QPSK-15M Full RB, Right Band Edge



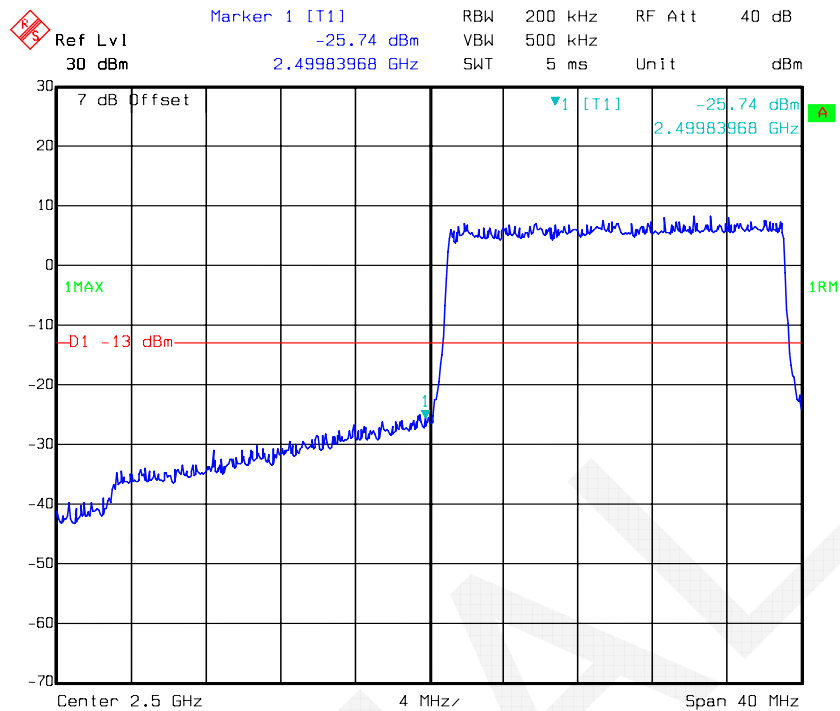
QPSK-20M 1RB, Left Band Edge



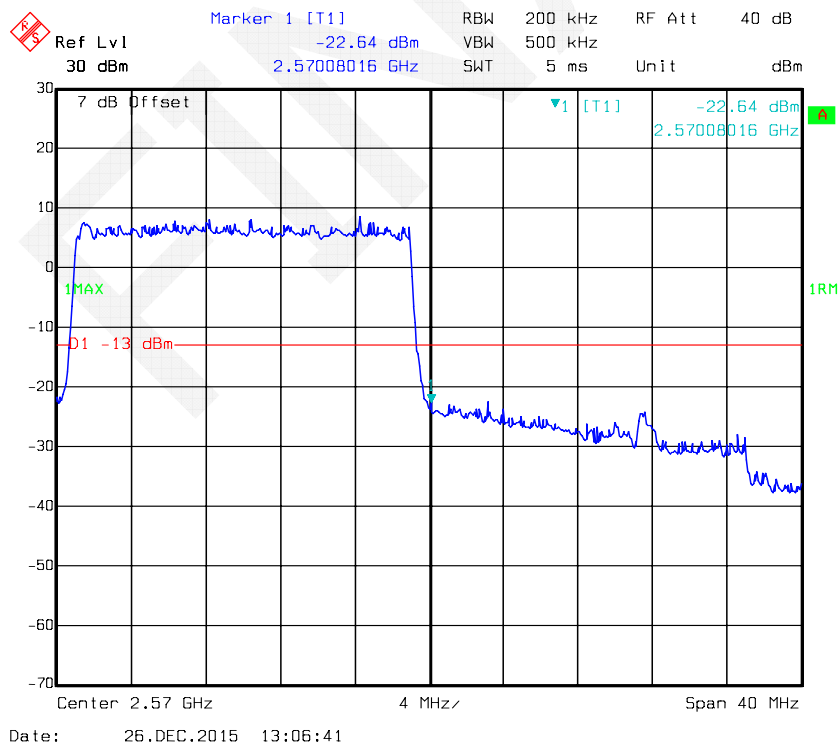
QPSK-20M 1RB, Right Band Edge



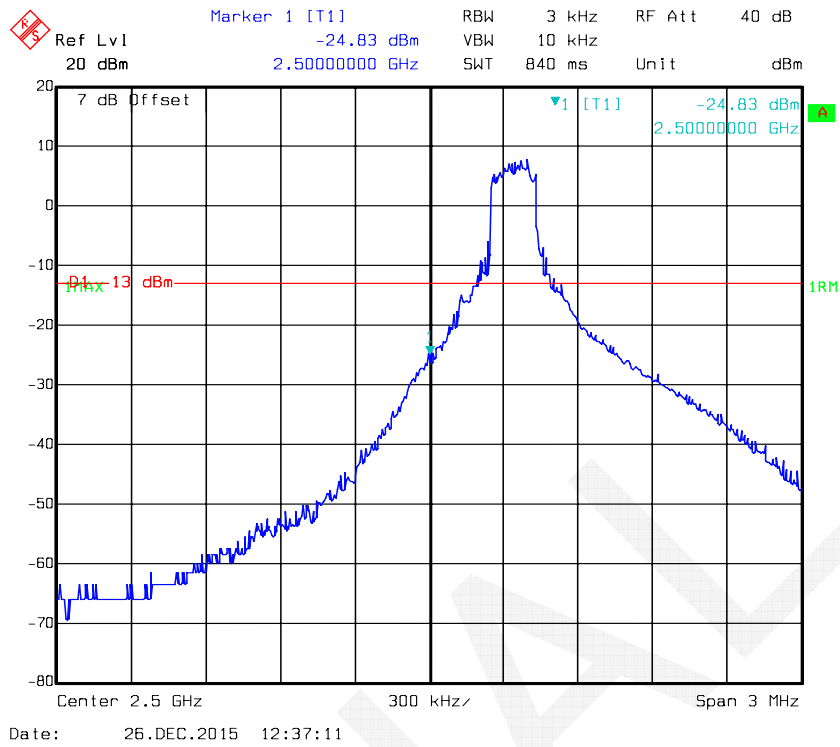
QPSK-20M Full RB, Left Band Edge



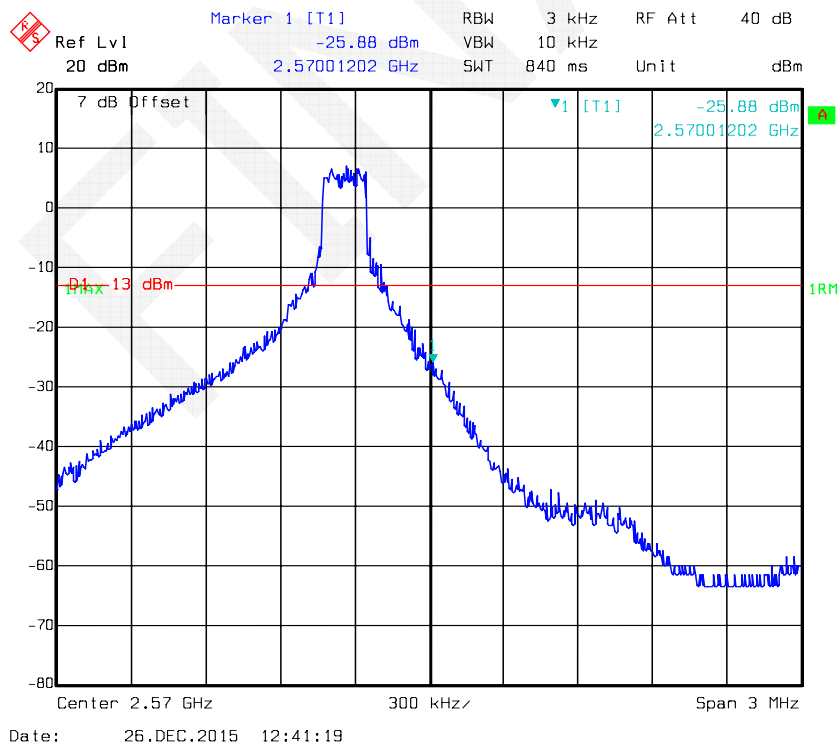
QPSK-20M Full RB, Right Band Edge



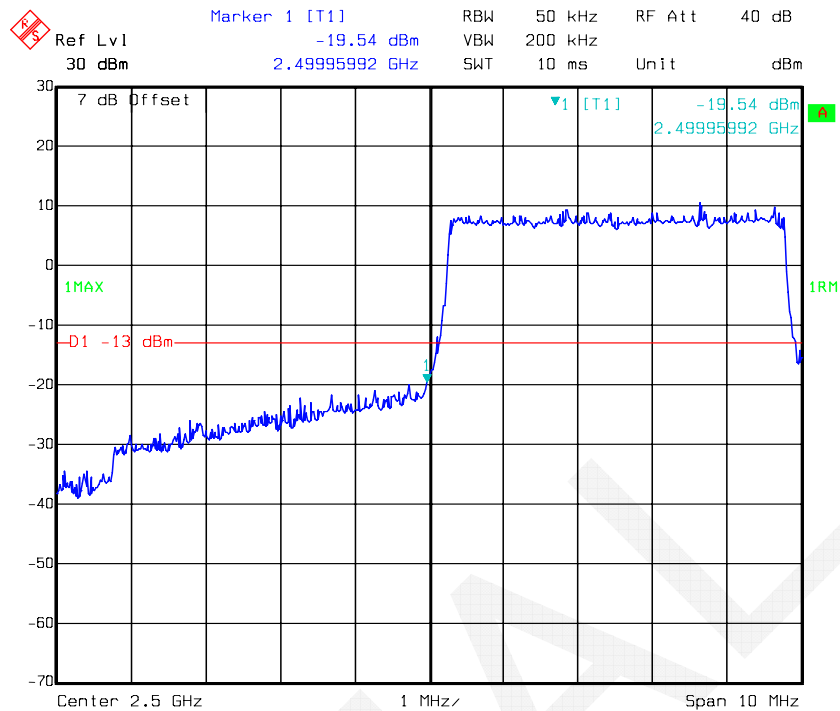
16QAM -5M 1RB, Left Band Edge



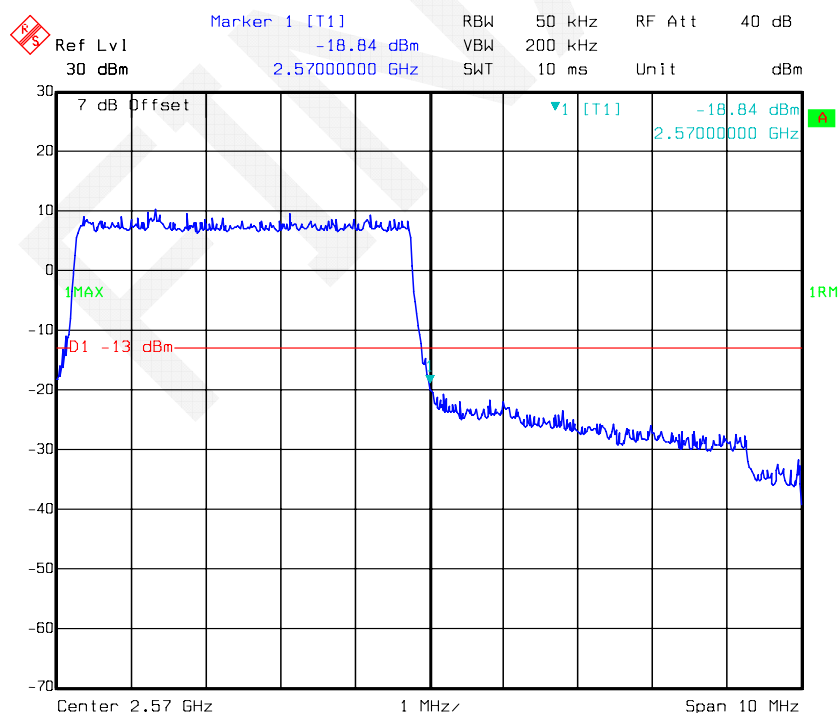
16QAM -5M 1RB, Right Band Edge



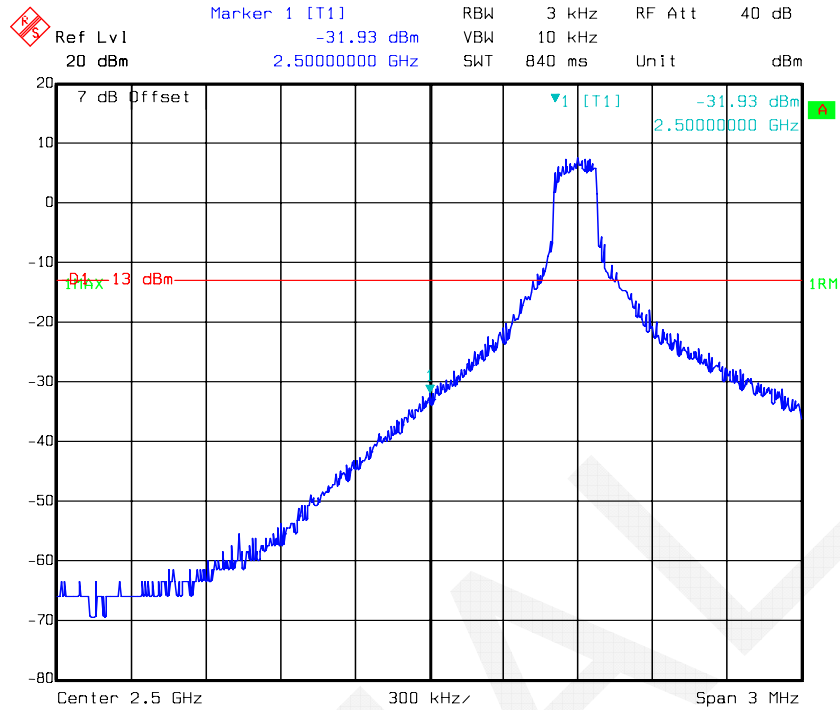
16QAM -5M Full RB, Left Band Edge



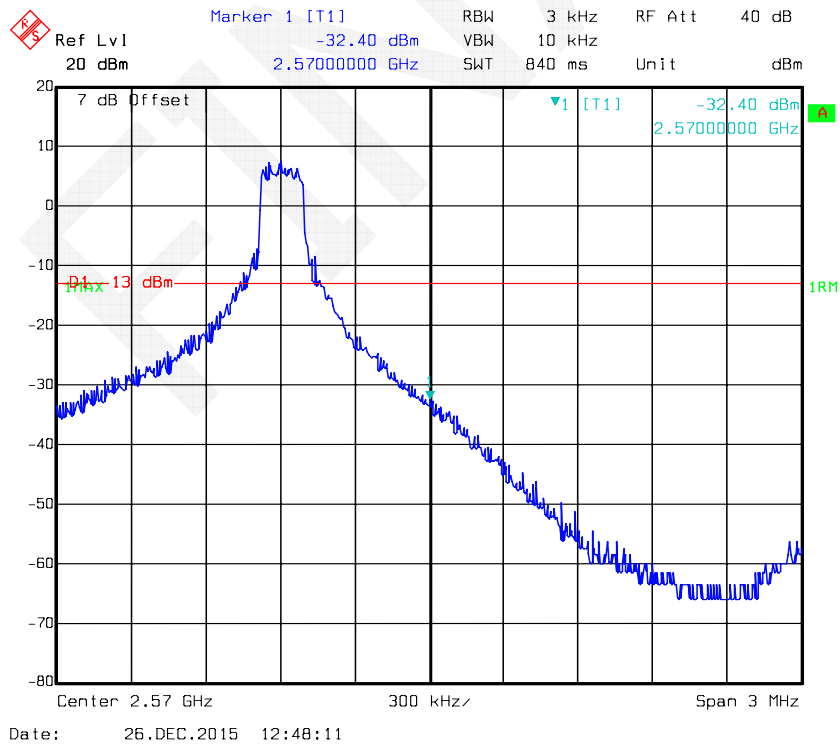
16QAM -5M Full RB, Right Band Edge

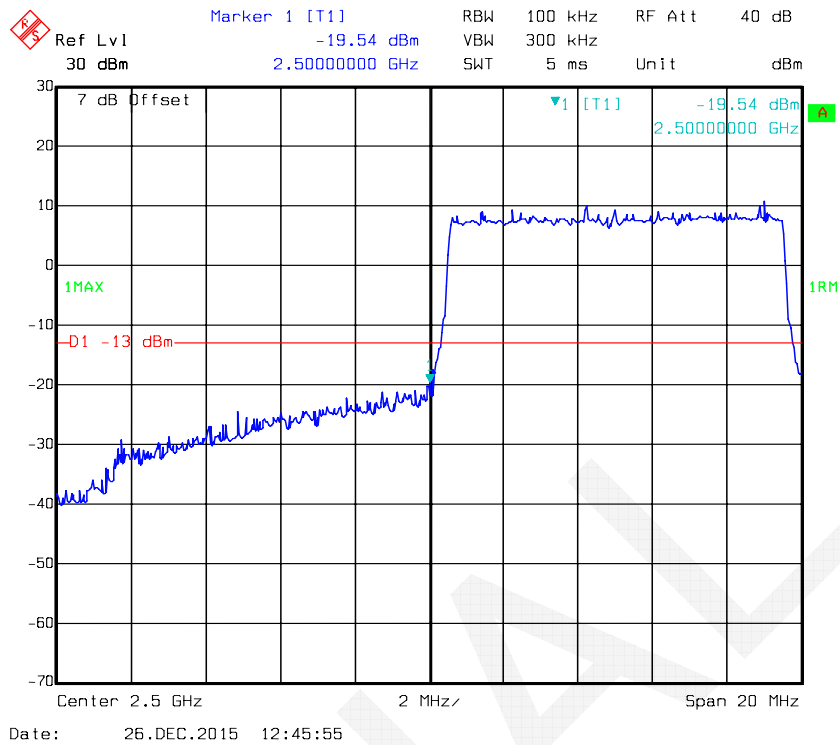
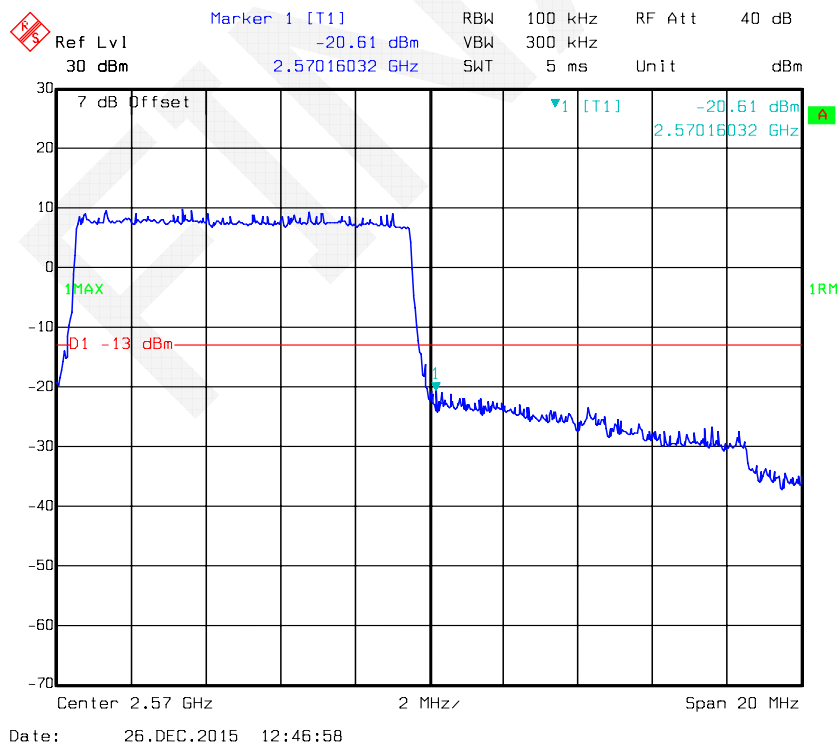


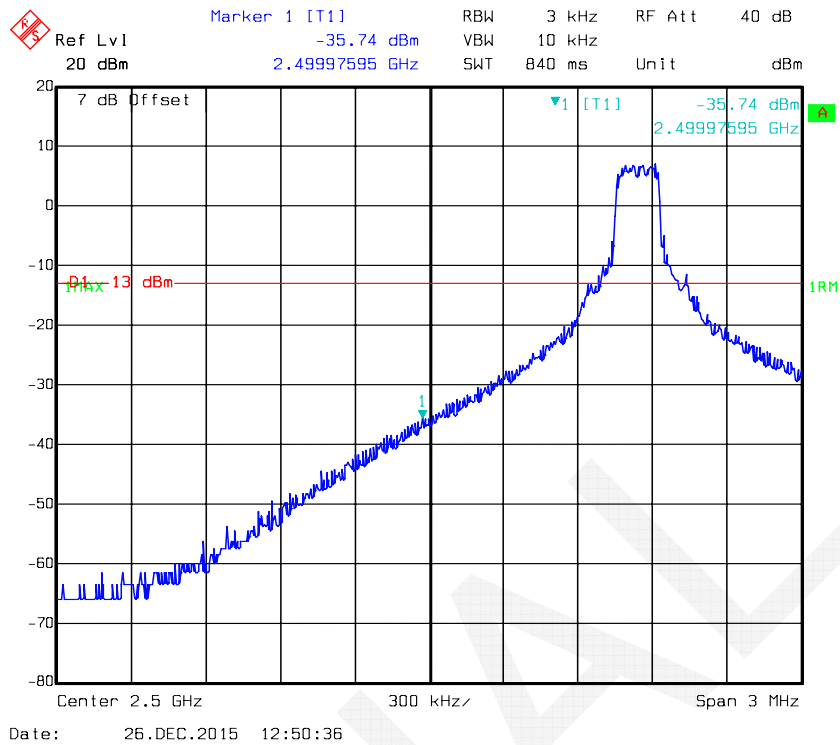
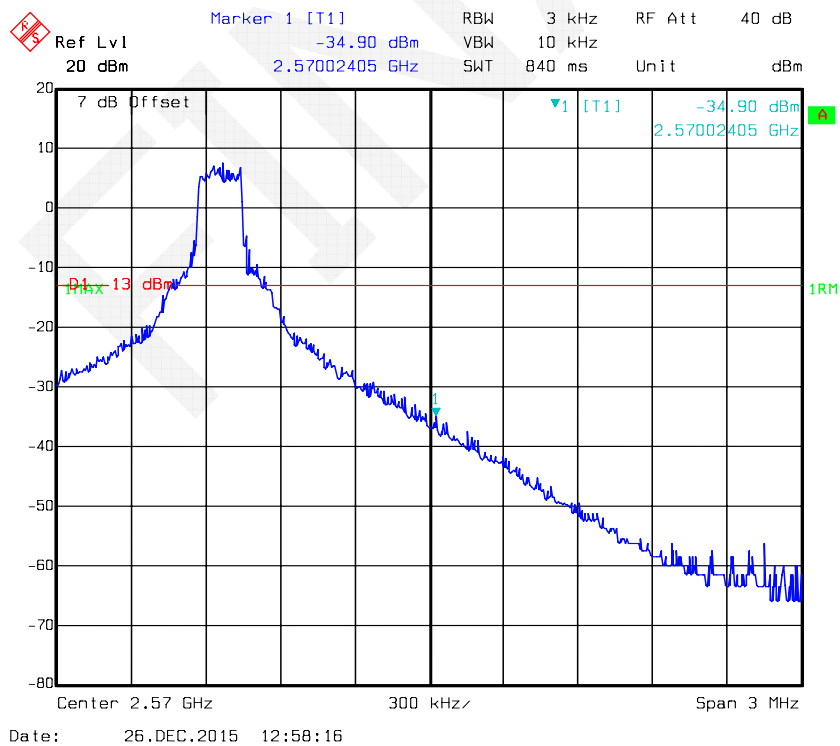
16QAM -10M 1RB, Left Band Edge

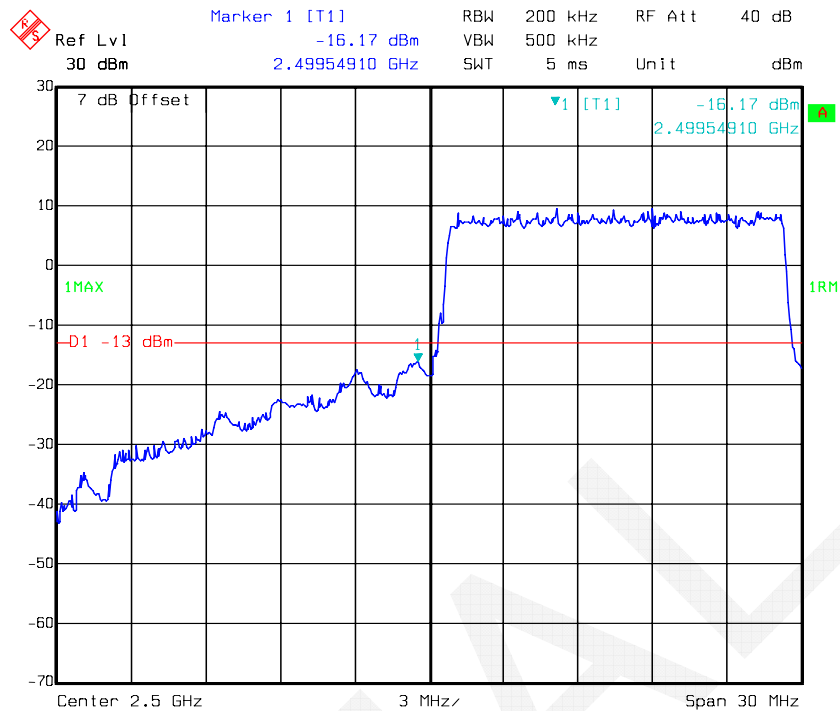
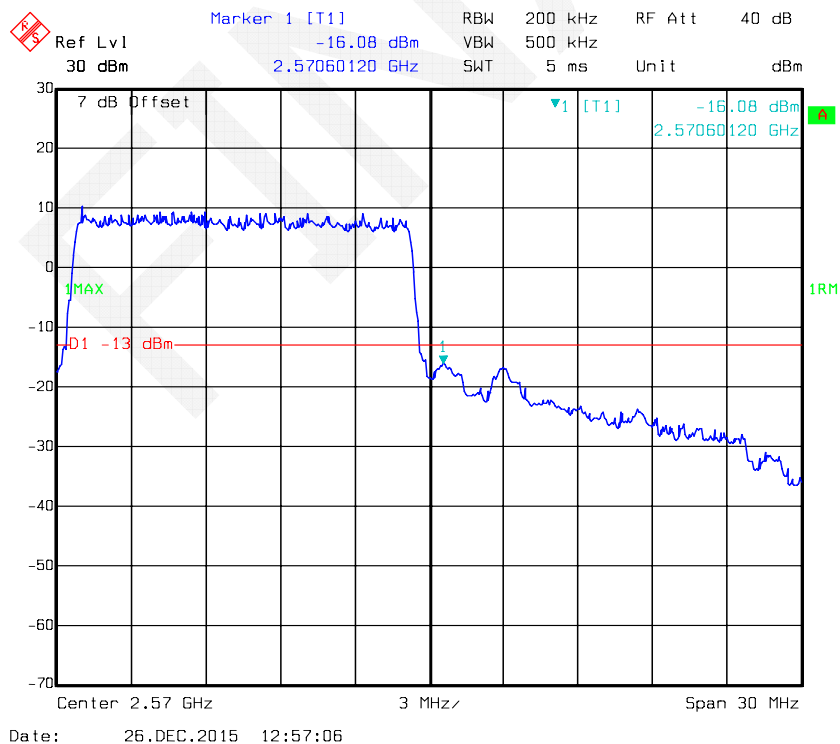


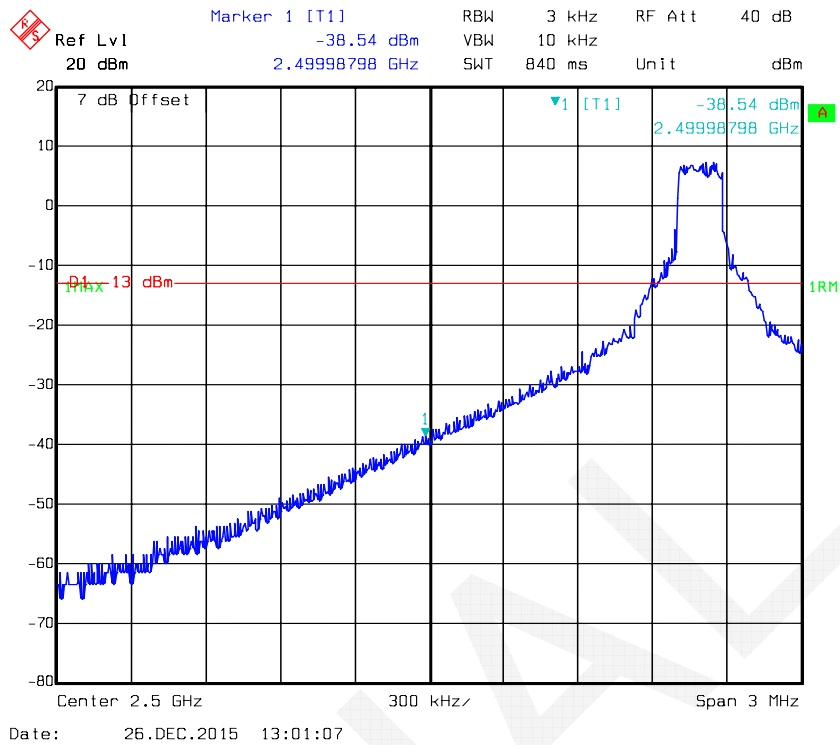
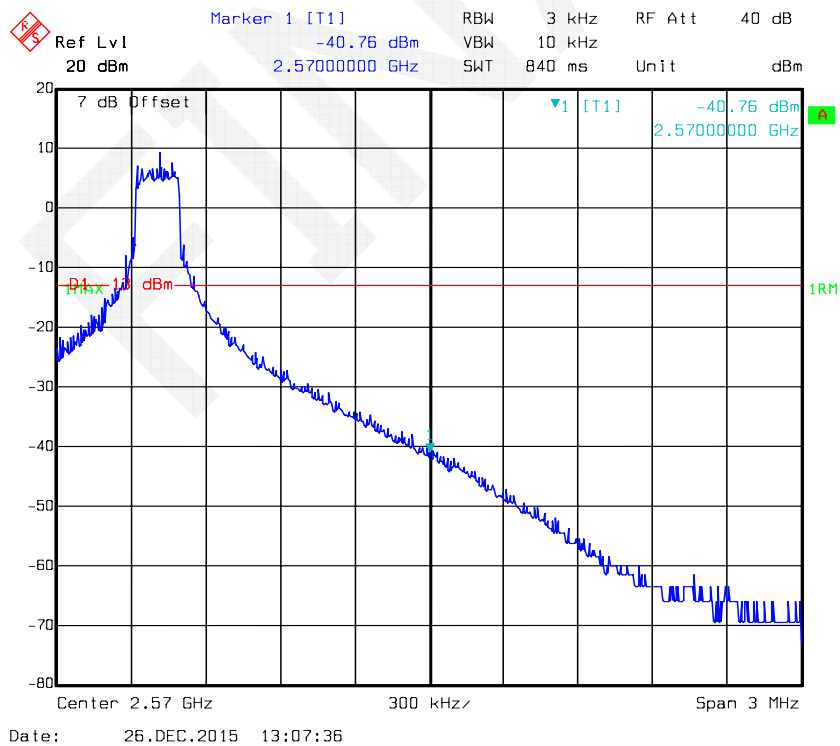
16QAM -10M 1RB, Right Band Edge

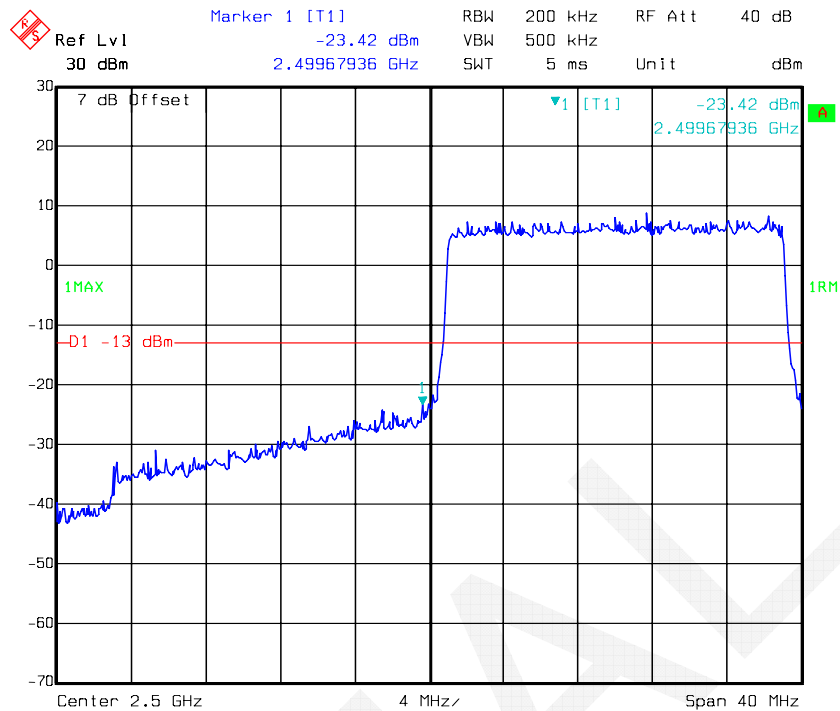


16QAM -10M Full RB, Left Band Edge**16QAM -10M Full RB, Right Band Edge**

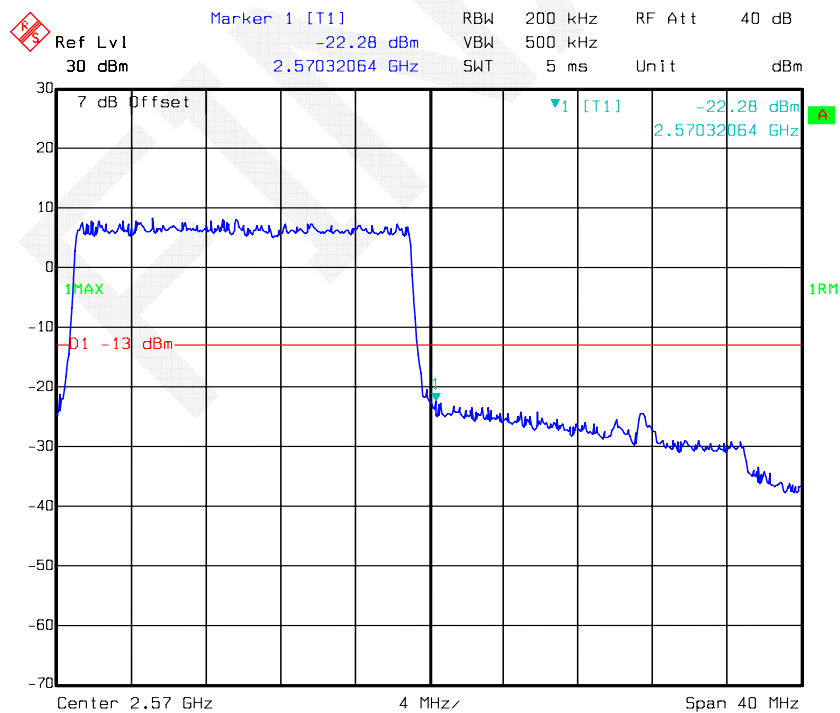
16QAM -15M 1RB, Left Band Edge**16QAM -15M 1RB, Right Band Edge**

16QAM -15M Full RB, Left Band Edge**16QAM -15M Full RB, Right Band Edge**

16QAM -20M 1RB, Left Band Edge**16QAM -20M 1RB, Right Band Edge**

16QAM -20M Full RB, Left Band Edge

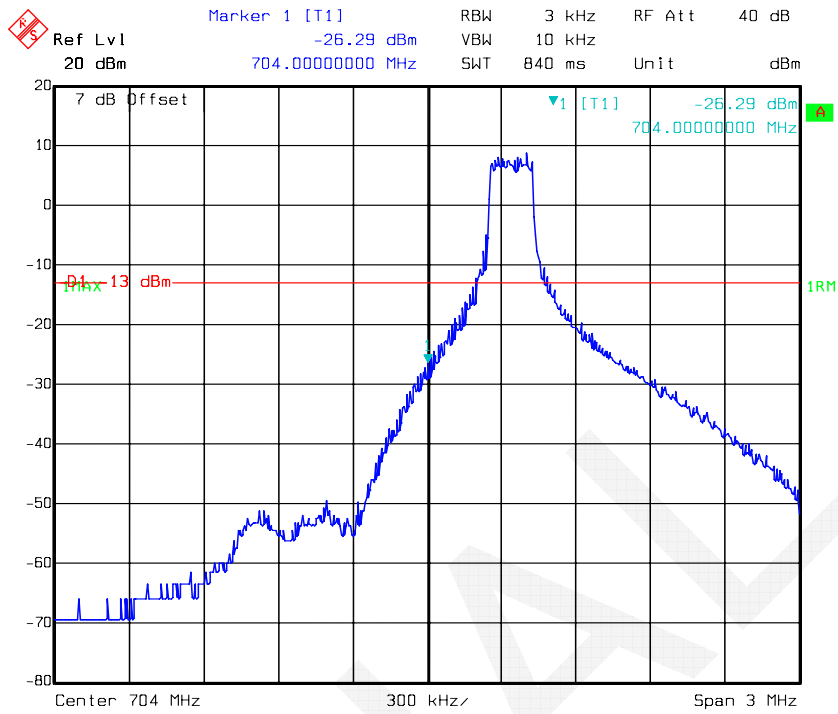
Date: 26.DEC.2015 13:05:14

16QAM-20M Full RB, Right Band Edge

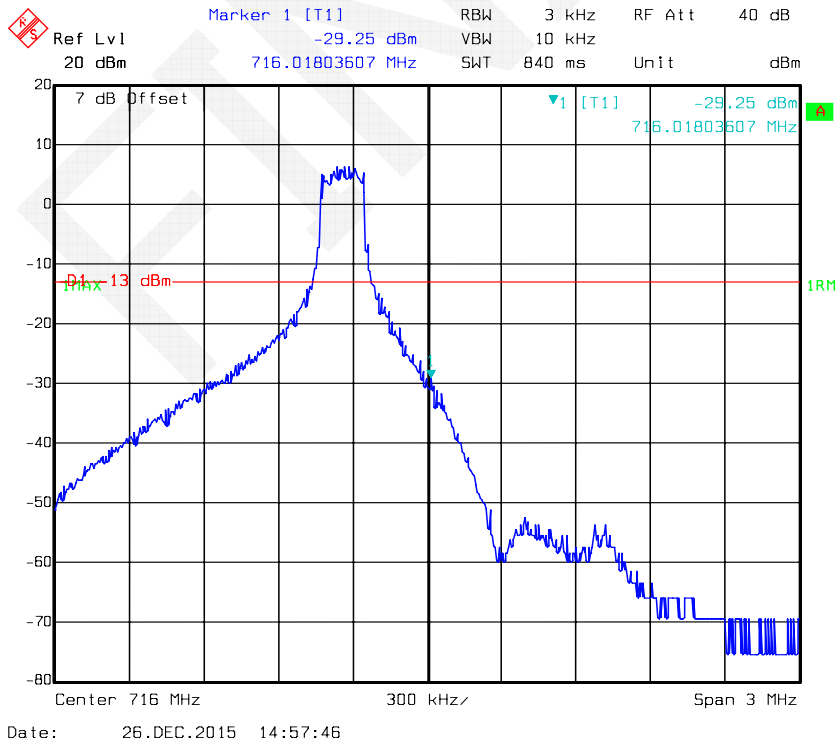
Date: 26.DEC.2015 13:06:17

LTE Band 17

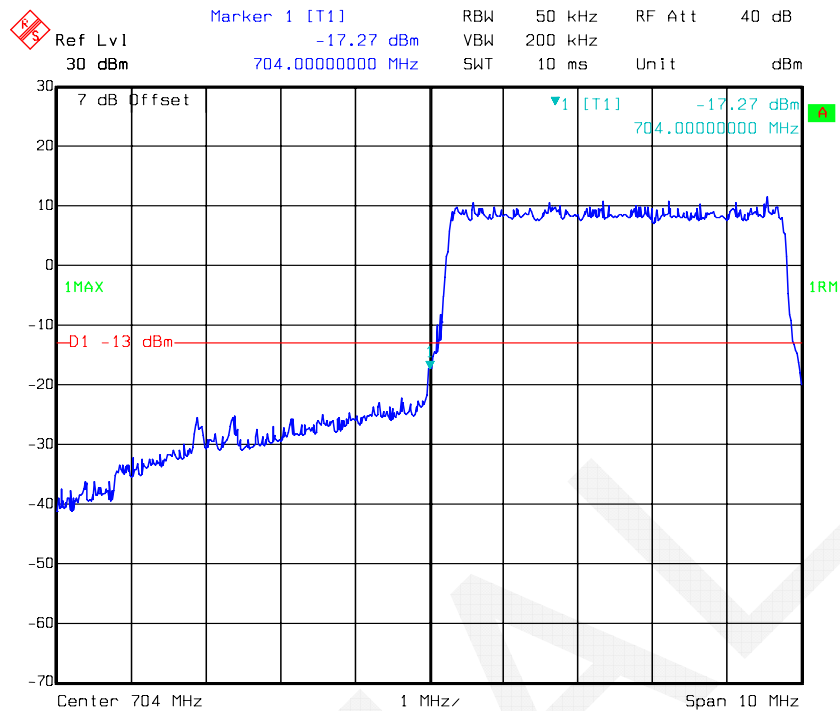
QPSK-5M 1RB, Left Band Edge



QPSK-5M 1RB, Right Band Edge

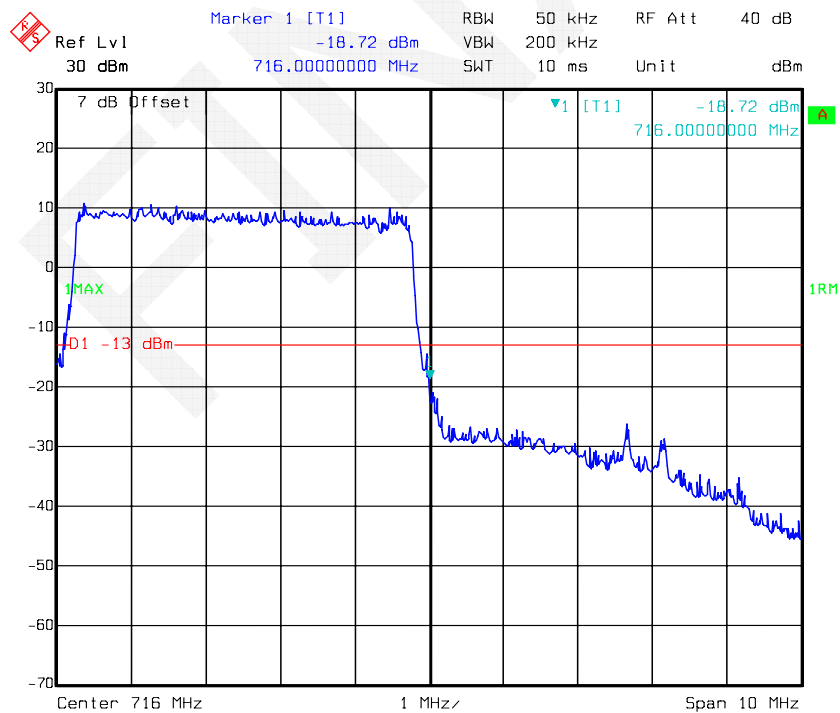


QPSK-5M Full RB, Left Band Edge



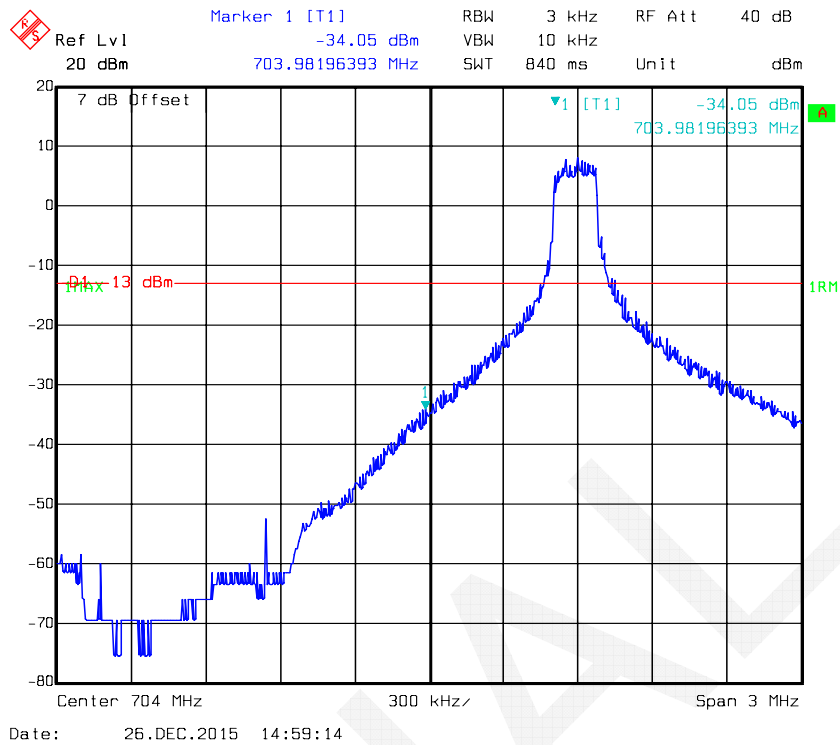
Date: 26.DEC.2015 14:54:42

QPSK-5M Full RB, Right Band Edge

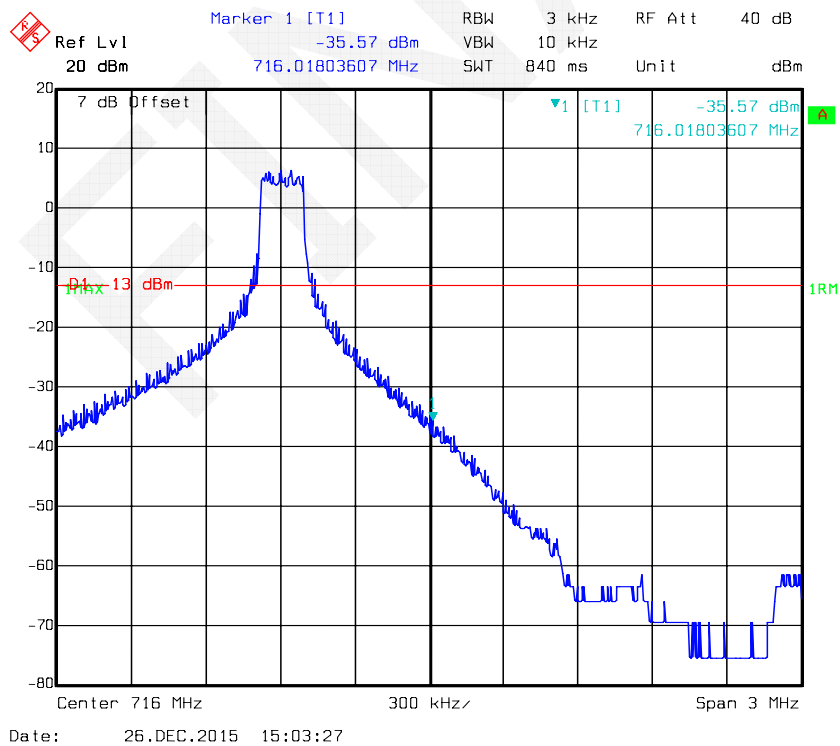


Date: 26.DEC.2015 14:56:37

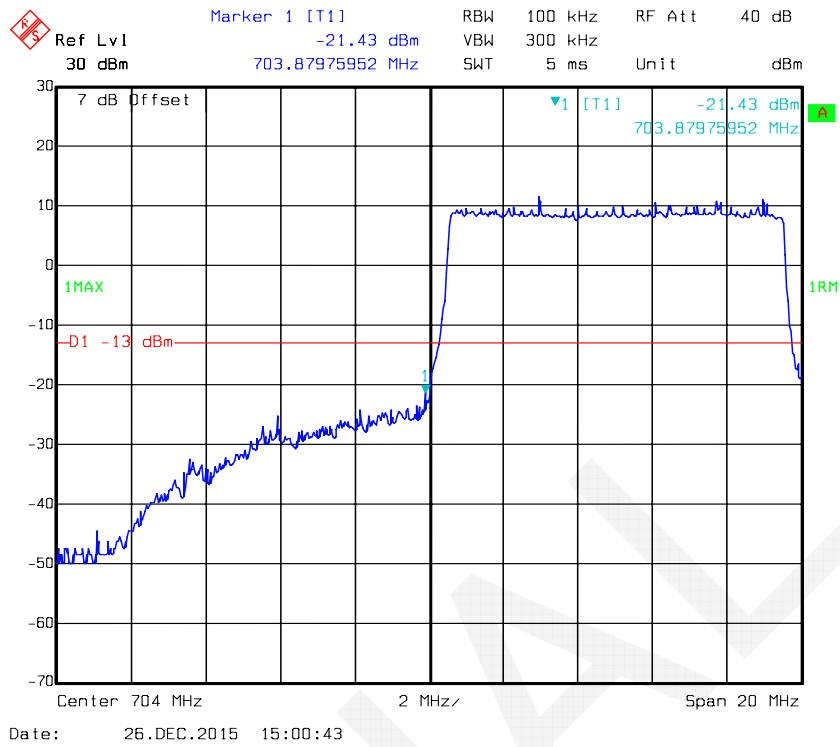
QPSK-10M 1RB, Left Band Edge



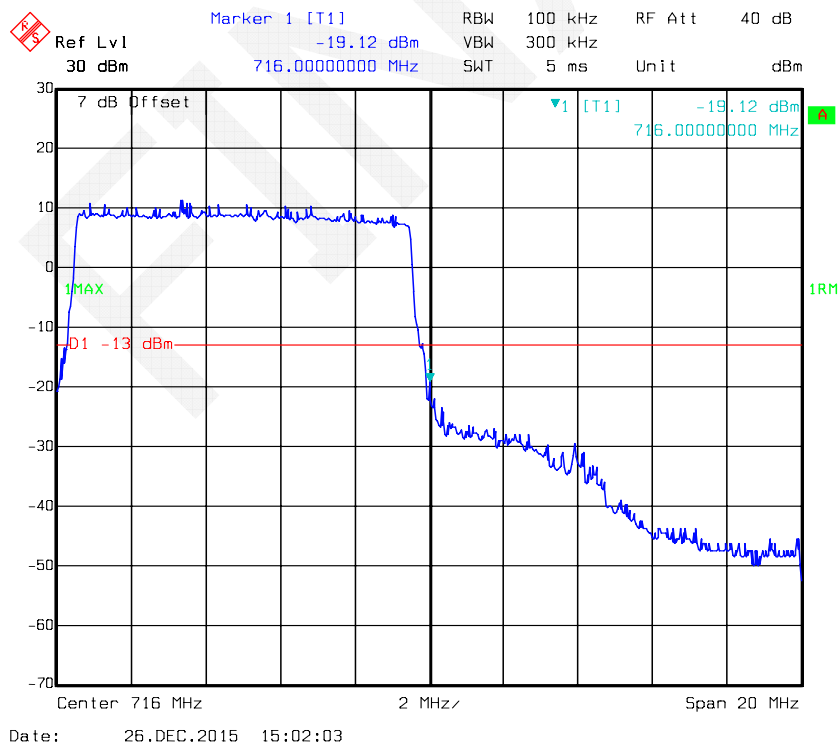
QPSK-10M 1RB, Right Band Edge



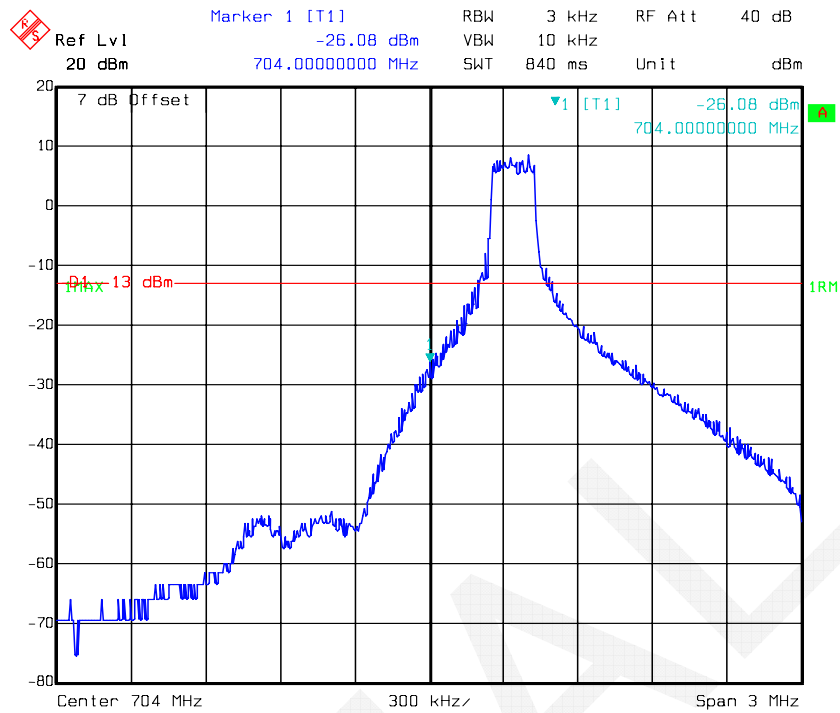
QPSK-10M Full RB, Left Band Edge



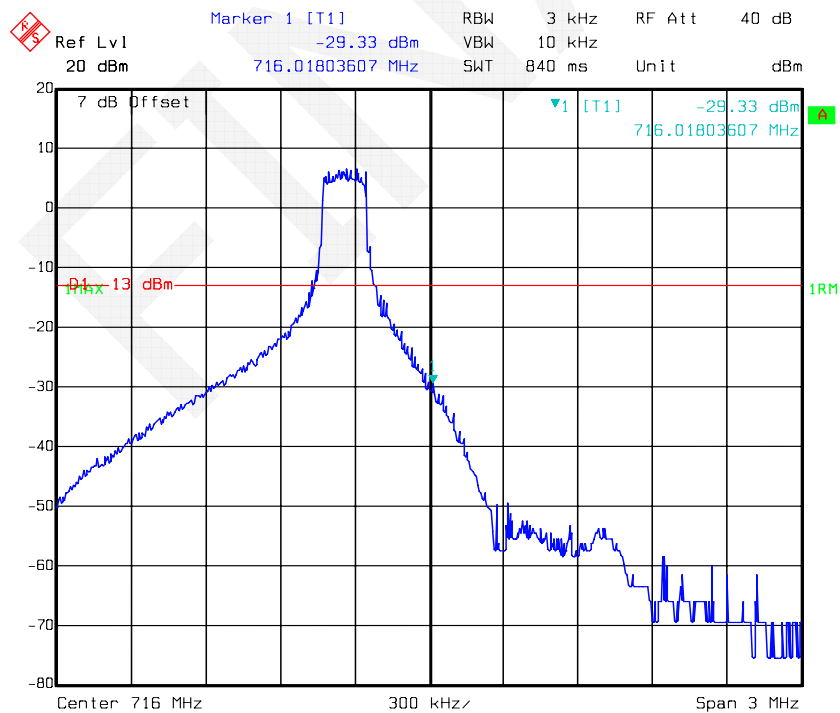
QPSK-10M Full RB, Right Band Edge



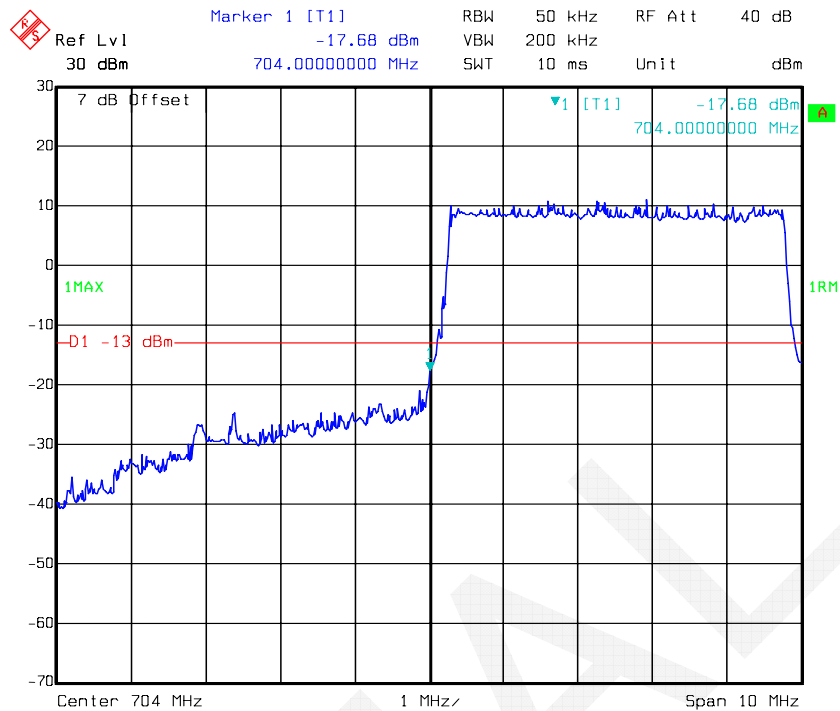
16QAM -5M 1RB, Left Band Edge



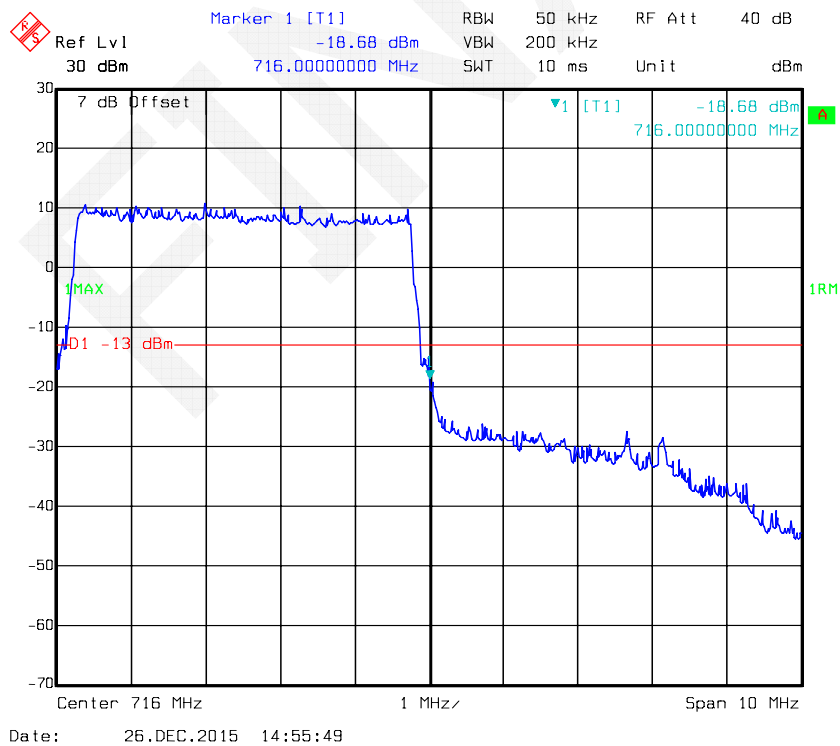
16QAM -5M 1RB, Right Band Edge

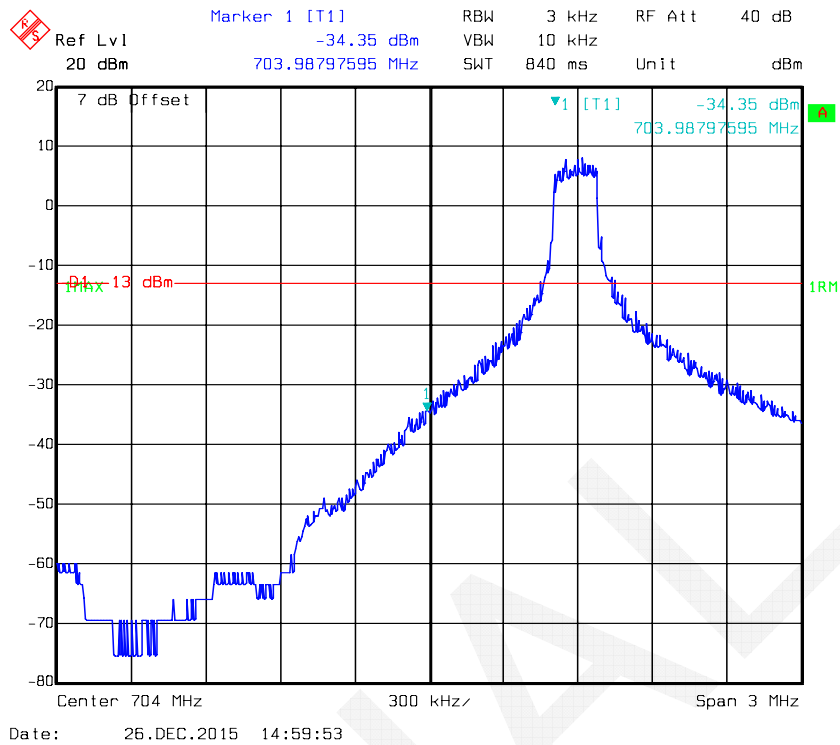
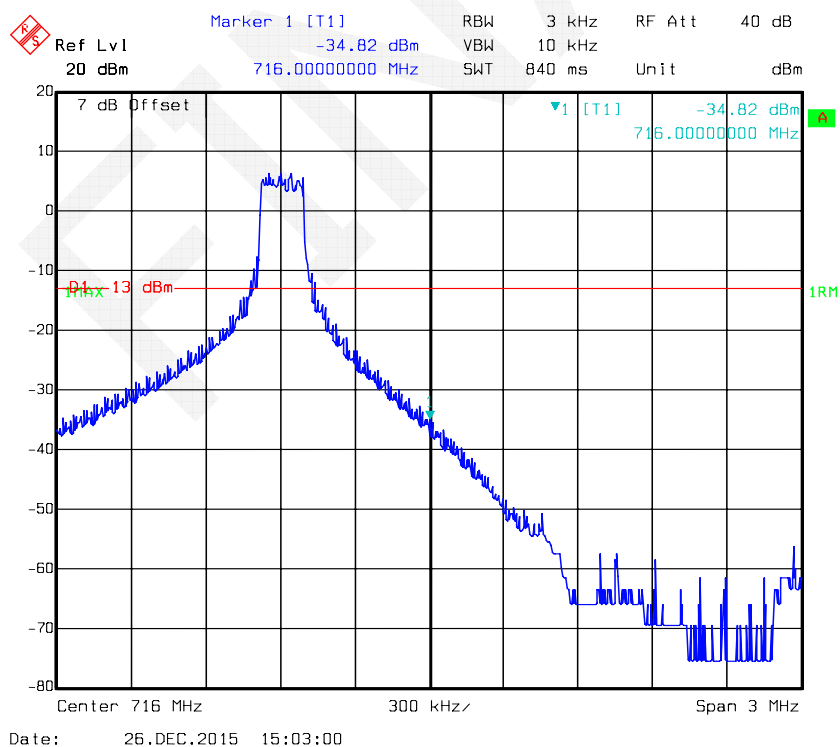


16QAM -5M Full RB, Left Band Edge

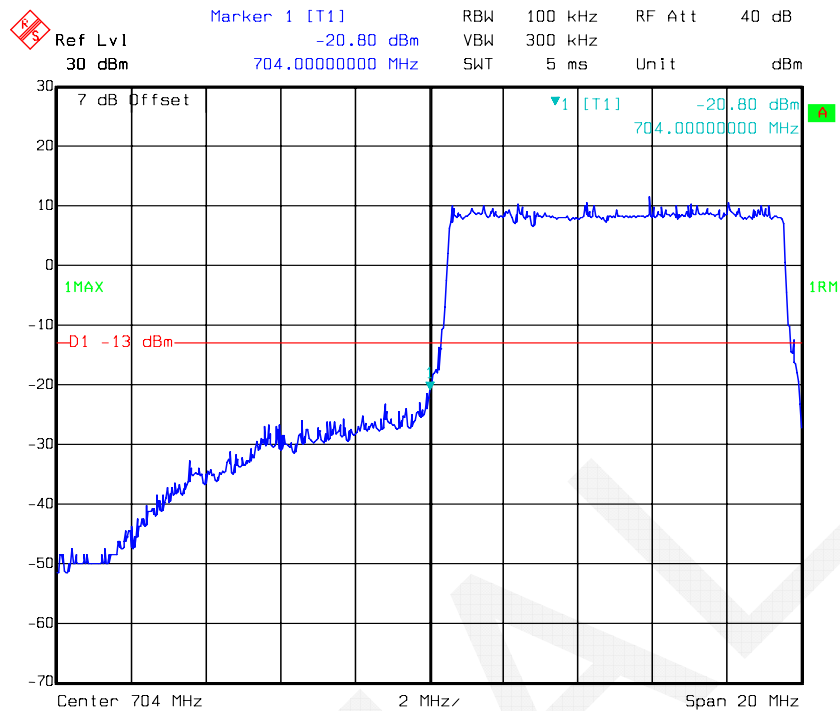


16QAM -5M Full RB, Right Band Edge



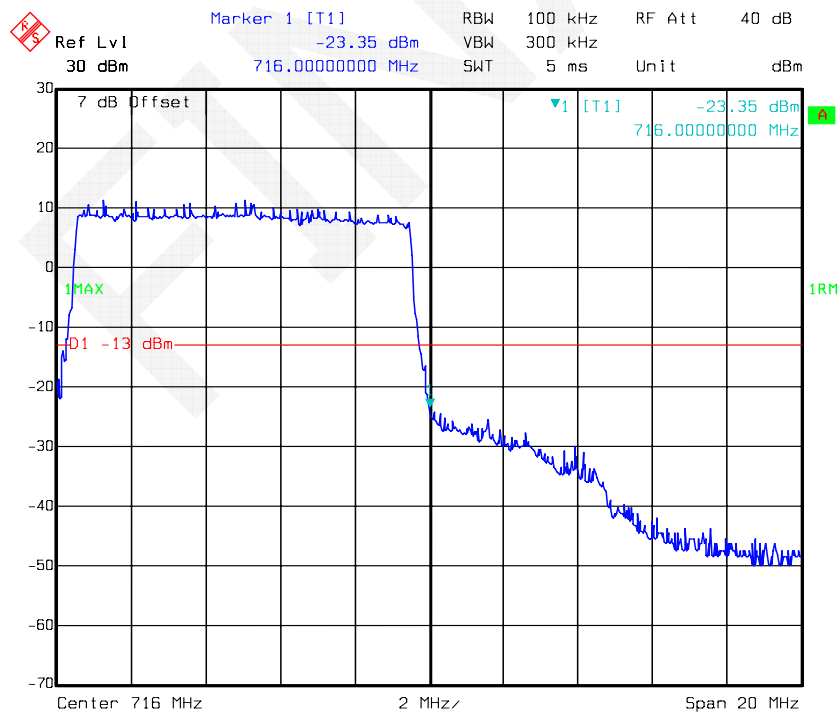
16QAM -10M 1RB, Left Band Edge**16QAM -10M 1RB, Right Band Edge**

16QAM -10M Full RB, Left Band Edge



Date: 26.DEC.2015 15:00:57

16QAM -10M Full RB, Right Band Edge



Date: 26.DEC.2015 15:01:34

FCC §2.1055, §22.355 & §24.235 & §27.54 - FREQUENCY STABILITY

Applicable Standard

FCC § 2.1055 (a), § 2.1055 (d), §22.355, §24.235, §27.54

According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:

Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency Range (MHz)	Base, fixed (ppm)	Mobile > 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929.	5.0	N/A	N/A
929 to 960.	1.5	N/A	N/A
2110 to 2220	10.0	N/A	N/A

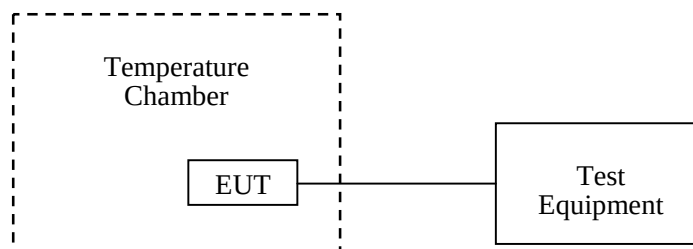
According to §24.235, the frequency stability shall be sufficient to ensure that the fundamental emissions stays within the authorized frequency block.

Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to communication test set via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from the communication test set.

Frequency Stability vs. Voltage: An external variable DC power supply was connected to the battery terminals of the equipment under test. The voltage was set from 85% to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the battery end point. The output frequency was recorded for each battery voltage.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Dongzhixu	High Temperature Test Chamber	DP1000	201105083-3	2015-09-10	2016-09-09
R&S	Universal Radio Communication Tester	CMU200	109 038	2015-05-09	2016-05-09
R&S	Wideband Radio Communication Tester	CMW500	1201.002K50-146520-wh	2015-12-19	2016-12-19

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data**Environmental Conditions**

Temperature:	24.6 °C
Relative Humidity:	43 %
ATM Pressure:	101.5 kPa

The testing was performed by Dean Liu on 2015-12.26.

Cellular Band (Part 22H)

GMSK, Middle Channel, $f_c = 836.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V _{DC}	Hz	ppm	ppm
-30	3.8	21	0.025	2.5
-20	3.8	23	0.027	2.5
-10	3.8	24	0.029	2.5
0	3.8	19	0.023	2.5
10	3.8	26	0.031	2.5
20	3.8	29	0.035	2.5
30	3.8	18	0.022	2.5
40	3.8	22	0.026	2.5
50	3.8	24	0.029	2.5
25	3.6	25	0.030	2.5
25	4.3	27	0.032	2.5

EDGE, Middle Channel, $f_c = 836.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V _{DC}	Hz	ppm	ppm
-30	3.8	26	0.031	2.5
-20	3.8	21	0.025	2.5
-10	3.8	24	0.029	2.5
0	3.8	33	0.039	2.5
10	3.8	34	0.041	2.5
20	3.8	26	0.031	2.5
30	3.8	24	0.029	2.5
40	3.8	22	0.026	2.5
50	3.8	27	0.032	2.5
25	3.6	32	0.038	2.5
25	4.3	29	0.035	2.5

WCDMA Band V: Re199

Middle Channel, $f_c = 836.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V _{DC}	Hz	ppm	ppm
-30	3.8	22	0.026	2.5
-20	3.8	23	0.027	2.5
-10	3.8	26	0.031	2.5
0	3.8	19	0.023	2.5
10	3.8	16	0.019	2.5
20	3.8	16	0.019	2.5
30	3.8	24	0.029	2.5
40	3.8	28	0.033	2.5
50	3.8	16	0.019	2.5
25	3.6	18	0.022	2.5
25	4.3	22	0.026	2.5

WCDMA Band V: HSDPA

Middle Channel, $f_c = 836.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V _{DC}	Hz	ppm	ppm
-30	3.8	16	0.019	2.5
-20	3.8	12	0.014	2.5
-10	3.8	19	0.023	2.5
0	3.8	18	0.022	2.5
10	3.8	16	0.019	2.5
20	3.8	14	0.017	2.5
30	3.8	13	0.016	2.5
40	3.8	14	0.017	2.5
50	3.8	18	0.022	2.5
25	3.6	11	0.013	2.5
25	4.3	16	0.019	2.5

WCDMA Band V: HSUPA

Middle Channel, $f_c = 836.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V _{DC}	Hz	ppm	ppm
-30	3.8	24	0.029	2.5
-20	3.8	29	0.035	2.5
-10	3.8	25	0.030	2.5
0	3.8	18	0.022	2.5
10	3.8	13	0.016	2.5
20	3.8	12	0.014	2.5
30	3.8	22	0.026	2.5
40	3.8	21	0.025	2.5
50	3.8	19	0.023	2.5
25	3.6	24	0.029	2.5
25	4.3	21	0.025	2.5

PCS Band (Part 24E)

GMSK, Middle Channel, $f_c = 1880.0$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	19	0.010	Compliance
-20	3.8	22	0.012	Compliance
-10	3.8	11	0.006	Compliance
0	3.8	14	0.007	Compliance
10	3.8	26	0.014	Compliance
20	3.8	15	0.008	Compliance
30	3.8	28	0.015	Compliance
40	3.8	17	0.009	Compliance
50	3.8	16	0.009	Compliance
25	3.6	22	0.012	Compliance
25	4.3	24	0.013	Compliance

EDGE, Middle Channel, $f_c = 1880.0$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	18	0.010	Compliance
-20	3.8	11	0.006	Compliance
-10	3.8	16	0.009	Compliance
0	3.8	11	0.006	Compliance
10	3.8	21	0.011	Compliance
20	3.8	18	0.010	Compliance
30	3.8	16	0.009	Compliance
40	3.8	23	0.012	Compliance
50	3.8	21	0.011	Compliance
25	3.6	14	0.007	Compliance
25	4.3	18	0.010	Compliance

WCDMA Band II: Re199

Middle Channel, $f_c = 1880.0$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	19	0.010	Compliance
-20	3.8	24	0.013	Compliance
-10	3.8	25	0.013	Compliance
0	3.8	20	0.011	Compliance
10	3.8	18	0.010	Compliance
20	3.8	23	0.012	Compliance
30	3.8	21	0.011	Compliance
40	3.8	14	0.007	Compliance
50	3.8	18	0.010	Compliance
25	3.6	21	0.011	Compliance
25	4.3	19	0.010	Compliance

WCDMA Band II: HSDPA

Middle Channel, $f_c = 1880.0$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	14	0.007	Compliance
-20	3.8	13	0.007	Compliance
-10	3.8	23	0.012	Compliance
0	3.8	17	0.009	Compliance
10	3.8	14	0.007	Compliance
20	3.8	16	0.009	Compliance
30	3.8	15	0.008	Compliance
40	3.8	19	0.010	Compliance
50	3.8	18	0.010	Compliance
25	3.6	13	0.007	Compliance
25	4.3	10	0.005	Compliance

WCDMA Band II: HSUPA

Middle Channel, $f_c = 1880.0$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	18	0.010	Compliance
-20	3.8	22	0.012	Compliance
-10	3.8	21	0.011	Compliance
0	3.8	19	0.010	Compliance
10	3.8	23	0.012	Compliance
20	3.8	24	0.013	Compliance
30	3.8	16	0.009	Compliance
40	3.8	19	0.010	Compliance
50	3.8	23	0.012	Compliance
25	3.6	21	0.011	Compliance
25	4.3	20	0.011	Compliance

WCDMA Band IV: Re199

Middle Channel, $f_c = 1732.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	16	0.009	Compliance
-20	3.8	13	0.008	Compliance
-10	3.8	18	0.010	Compliance
0	3.8	14	0.008	Compliance
10	3.8	11	0.006	Compliance
20	3.8	19	0.011	Compliance
30	3.8	17	0.010	Compliance
40	3.8	16	0.009	Compliance
50	3.8	16	0.009	Compliance
25	3.6	18	0.010	Compliance
25	4.3	16	0.009	Compliance

WCDMA Band IV: HSDPA

Middle Channel, $f_c = 1732.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	13	0.008	Compliance
-20	3.8	15	0.009	Compliance
-10	3.8	11	0.006	Compliance
0	3.8	13	0.008	Compliance
10	3.8	19	0.011	Compliance
20	3.8	14	0.008	Compliance
30	3.8	16	0.009	Compliance
40	3.8	18	0.010	Compliance
50	3.8	11	0.006	Compliance
25	3.6	12	0.007	Compliance
25	4.3	14	0.008	Compliance

WCDMA Band IV: HSUPA

Middle Channel, $f_c = 1732.6$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	12	0.007	Compliance
-20	3.8	14	0.008	Compliance
-10	3.8	19	0.011	Compliance
0	3.8	11	0.006	Compliance
10	3.8	14	0.008	Compliance
20	3.8	16	0.009	Compliance
30	3.8	15	0.009	Compliance
40	3.8	13	0.008	Compliance
50	3.8	14	0.008	Compliance
25	3.6	16	0.009	Compliance
25	4.3	19	0.011	Compliance

LTE Band 2:

QPSK, Channel Bandwidth:10MHz Middle Channel, $f_c = 1880$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	-6.52	-0.0035	Compliance
-20	3.8	-6.34	-0.0034	Compliance
-10	3.8	-5.49	-0.0029	Compliance
0	3.8	-6.41	-0.0034	Compliance
10	3.8	-5.68	-0.0030	Compliance
20	3.8	-5.89	-0.0031	Compliance
30	3.8	-5.94	-0.0032	Compliance
40	3.8	-6.01	-0.0032	Compliance
50	3.8	-6.44	-0.0034	Compliance
25	3.6	-6.56	-0.0035	Compliance
25	4.3	-6.13	-0.0033	Compliance

16QAM, Channel Bandwidth:10MHz Middle Channel, $f_c = 1880$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V _{DC}	Hz	ppm	
-30	3.8	-3.79	-0.0020	Compliance
-20	3.8	-2.59	-0.0014	Compliance
-10	3.8	-4.13	-0.0022	Compliance
0	3.8	-3.14	-0.0017	Compliance
10	3.8	-3.53	-0.0019	Compliance
20	3.8	-3.66	-0.0019	Compliance
30	3.8	-2.99	-0.0016	Compliance
40	3.8	-3.47	-0.0018	Compliance
50	3.8	-3.67	-0.0020	Compliance
25	3.6	-3.72	-0.0020	Compliance
25	4.3	-3.86	-0.0021	Compliance

LTE Band 4:

QPSK, Channel Bandwidth:10MHz Middle Channel, $f_c = 1732.5$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	-7.46	-0.0043	Compliance
-20	3.8	-5.69	-0.0033	Compliance
-10	3.8	-7.61	-0.0044	Compliance
0	3.8	-6.94	-0.0040	Compliance
10	3.8	-6.13	-0.0035	Compliance
20	3.8	-7.01	-0.0040	Compliance
30	3.8	-6.56	-0.0038	Compliance
40	3.8	-5.93	-0.0034	Compliance
50	3.8	-6.34	-0.0037	Compliance
25	3.6	-7.31	-0.0042	Compliance
25	4.3	-6.58	-0.0038	Compliance

16QAM, Channel Bandwidth:10MHz Middle Channel, $f_c = 1732.5$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	-4.98	-0.0029	Compliance
-20	3.8	-5.13	-0.0030	Compliance
-10	3.8	-6.23	-0.0036	Compliance
0	3.8	-5.46	-0.0032	Compliance
10	3.8	-4.74	-0.0027	Compliance
20	3.8	-5.33	-0.0031	Compliance
30	3.8	-5.26	-0.0030	Compliance
40	3.8	-4.89	-0.0028	Compliance
50	3.8	-5.64	-0.0033	Compliance
25	3.6	-5.26	-0.0030	Compliance
25	4.3	-4.78	-0.0028	Compliance

LTE Band 5:

QPSK, Channel Bandwidth:10MHz Middle Channel, $f_c = 836.5$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V_{DC}	Hz	ppm	ppm
-30	3.8	-6.68	-0.0080	2.5
-20	3.8	-6.14	-0.0073	2.5
-10	3.8	-6.11	-0.0073	2.5
0	3.8	-7.06	-0.0084	2.5
10	3.8	-6.72	-0.0080	2.5
20	3.8	-6.83	-0.0082	2.5
30	3.8	-6.18	-0.0074	2.5
40	3.8	-6.74	-0.0081	2.5
50	3.8	-6.74	-0.0081	2.5
25	3.6	-6.94	-0.0083	2.5
25	4.3	-6.69	-0.0080	2.5

16QAM, Channel Bandwidth:10MHz Middle Channel, $f_c = 836.5$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Limit
°C	V_{DC}	Hz	ppm	ppm
-30	3.8	-6.71	-0.0080	2.5
-20	3.8	-6.58	-0.0079	2.5
-10	3.8	-6.04	-0.0072	2.5
0	3.8	-6.63	-0.0079	2.5
10	3.8	-6.12	-0.0073	2.5
20	3.8	-6.31	-0.0075	2.5
30	3.8	-6.37	-0.0076	2.5
40	3.8	-7.04	-0.0084	2.5
50	3.8	-6.62	-0.0079	2.5
25	3.6	-6.28	-0.0075	2.5
25	4.3	-6.13	-0.0073	2.5

LTE Band 7:

QPSK, Channel Bandwidth:10MHz Middle Channel, $f_c = 2535$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	-8.94	-0.0035	Compliance
-20	3.8	-7.36	-0.0029	Compliance
-10	3.8	-8.41	-0.0033	Compliance
0	3.8	-8.53	-0.0034	Compliance
10	3.8	-7.48	-0.0030	Compliance
20	3.8	-7.92	-0.0031	Compliance
30	3.8	-8.11	-0.0032	Compliance
40	3.8	-7.87	-0.0031	Compliance
50	3.8	-8.25	-0.0033	Compliance
25	3.6	-7.96	-0.0031	Compliance
25	4.3	-8.14	-0.0032	Compliance

16QAM, Channel Bandwidth:10MHz Middle Channel, $f_c = 2535$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	-4.69	-0.0019	Compliance
-20	3.8	-5.42	-0.0021	Compliance
-10	3.8	-5.37	-0.0021	Compliance
0	3.8	-5.41	-0.0021	Compliance
10	3.8	-5.01	-0.0020	Compliance
20	3.8	-5.21	-0.0021	Compliance
30	3.8	-5.44	-0.0021	Compliance
40	3.8	-4.78	-0.0019	Compliance
50	3.8	-4.95	-0.0020	Compliance
25	3.6	-5.28	-0.0021	Compliance
25	4.3	-5.33	-0.0021	Compliance

LTE Band 17:

QPSK, Channel Bandwidth:10MHz Middle Channel, $f_c = 710$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	-9.01	-0.0127	Compliance
-20	3.8	-7.42	-0.0105	Compliance
-10	3.8	-7.39	-0.0104	Compliance
0	3.8	-8.22	-0.0116	Compliance
10	3.8	-8.63	-0.0122	Compliance
20	3.8	-7.95	-0.0112	Compliance
30	3.8	-8.21	-0.0116	Compliance
40	3.8	-7.83	-0.0110	Compliance
50	3.8	-8.14	-0.0115	Compliance
25	3.6	-7.64	-0.0108	Compliance
25	4.3	-9.13	-0.0129	Compliance

16QAM, Channel Bandwidth:10MHz Middle Channel, $f_c = 710$ MHz				
Temperature	Voltage	Frequency Error	Frequency Error	Result
°C	V_{DC}	Hz	ppm	
-30	3.8	-6.54	-0.0092	Compliance
-20	3.8	-4.96	-0.0070	Compliance
-10	3.8	-5.76	-0.0081	Compliance
0	3.8	-6.31	-0.0089	Compliance
10	3.8	-5.47	-0.0077	Compliance
20	3.8	-6.84	-0.0096	Compliance
30	3.8	-5.21	-0.0073	Compliance
40	3.8	-5.69	-0.0080	Compliance
50	3.8	-5.24	-0.0074	Compliance
25	3.6	-5.37	-0.0076	Compliance
25	4.3	-5.74	-0.0081	Compliance

Note: The fundamental emissions stay within the authorized bands of operation based on the frequency deviation measured is small.

DECLARATION LETTER

Shenzhen Jingwah Information Technology Co., Ltd.
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Product Similarity Declaration

To Whom It May Concern,

We, Shenzhen Jingwah Information Technology Co., Ltd. , hereby declare that we have a product named as Smart Phone(Model no: S55L) was tested by BACL, meanwhile, for our marketing purpose, we would like to list a series model (S55) on reports and certificate. all the models are identical schematics, except for the different Model No.

No other changes are made to them.

We confirm that all information above is true, and we'll be responsible for all the consequences. Please contact me if you have any question.

Signature:

Sun MingXue

Manager

2015/12/28



***** END OF REPORT *****