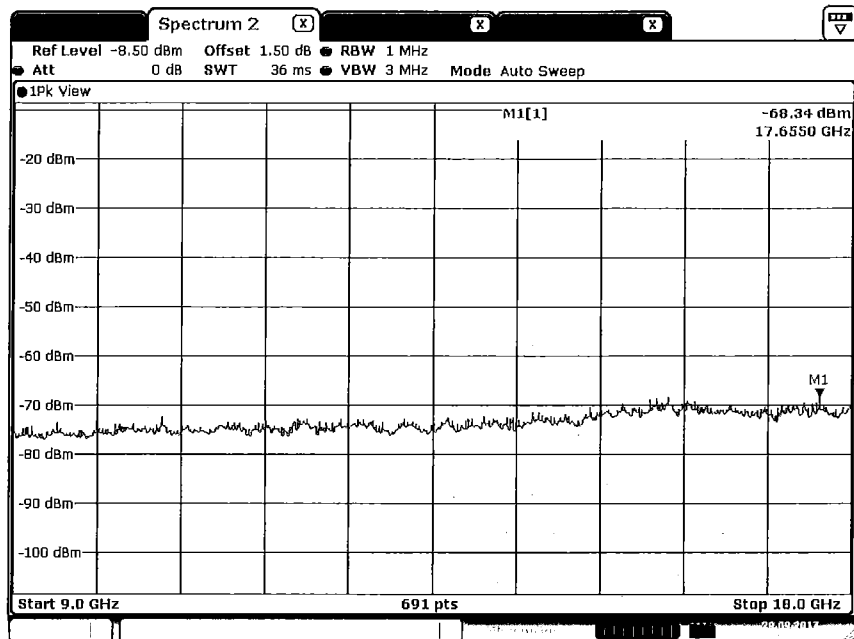


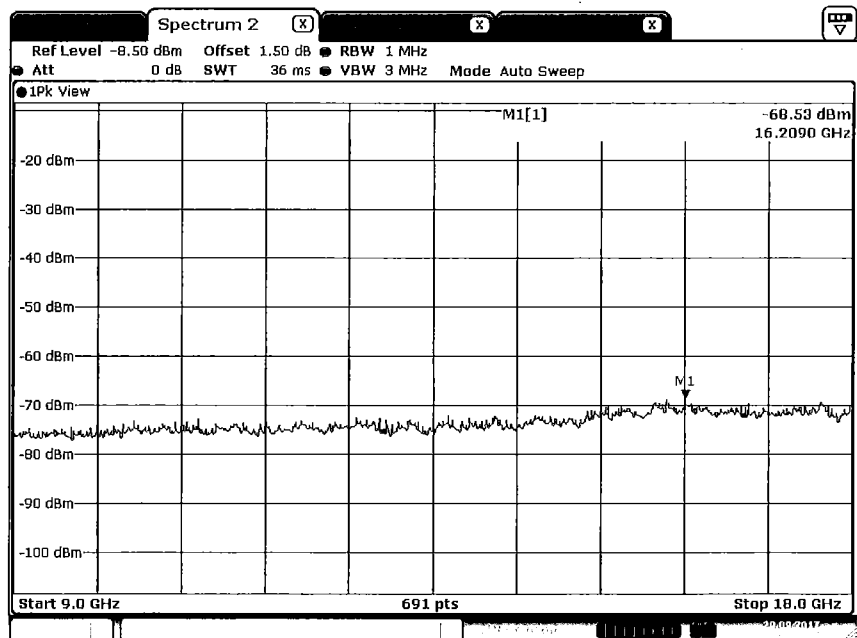


Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 1 / 9GHz~18GHz

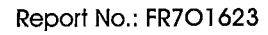


Date: 29.SEP.2017 16:52:47

Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29.SEP.2017 16:53:02



Spectrum 2

Ref Level -8.50 dBm Offset 1.50 dB RBW 1 MHz
 Att 0 dB SWT 8.8 s VBW 1 kHz Mode Auto Sweep

1Pk Max

M1[1] -80.59 dBm
 16.0140 GHz

Start 9.0 GHz 691 pts Stop 18.0 GHz

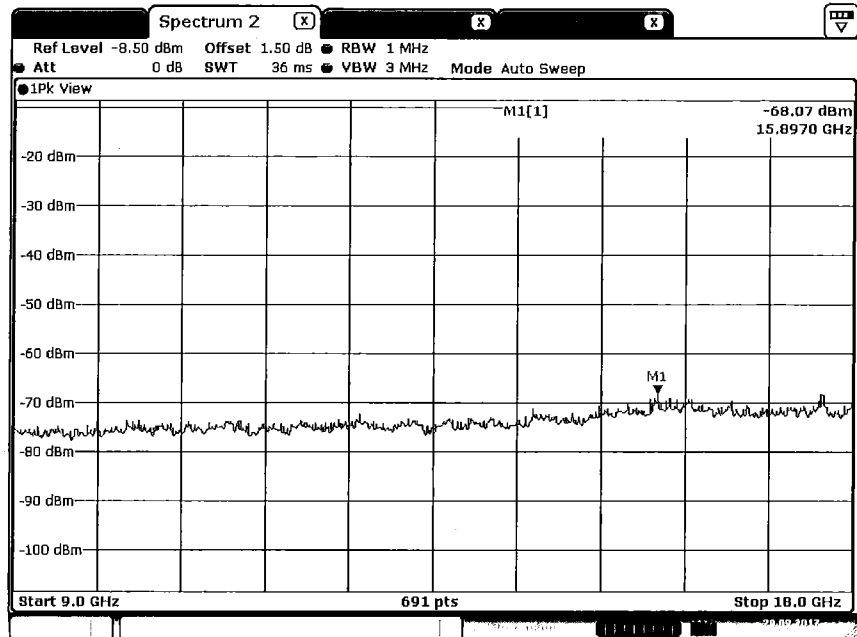
The screenshot shows a spectrum analyzer interface with the following settings and data:

- Title:** Spectrum 2
- Ref Level:** -8.50 dBm
- Offset:** 1.50 dB
- RBW:** 1 MHz
- Att:** 0 dB
- SWT:** 8.8 s
- VBW:** 1 kHz
- Mode:** Auto Sweep
- View:** 1Pk View
- Frequency Range:** Start 9.0 GHz, Stop 18.0 GHz
- Resolution:** 691 pts
- Signal Label:** M1[1] at -80.65 dBm, 16.0140 GHz
- Marker Label:** M1

Issued Date : Nov. 06, 2017

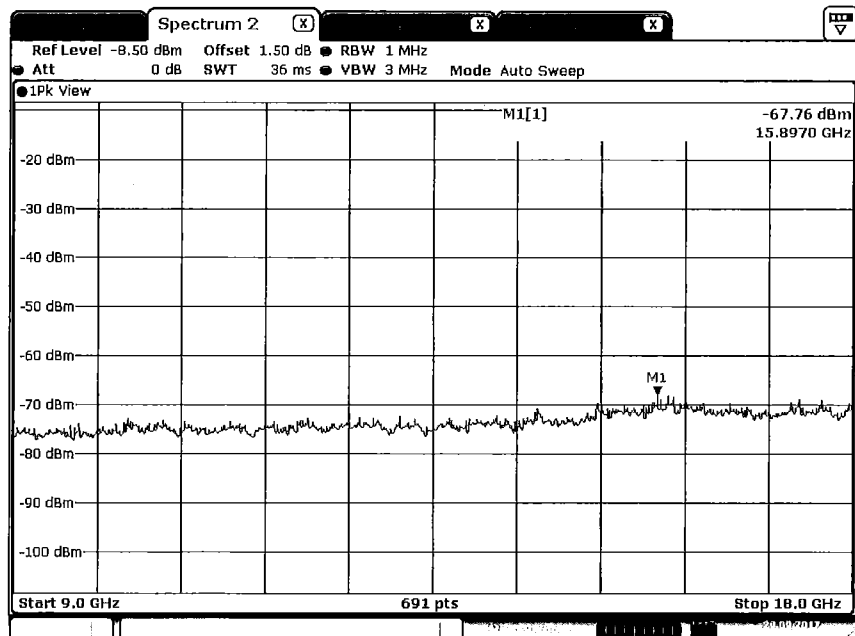


Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 16:55:31

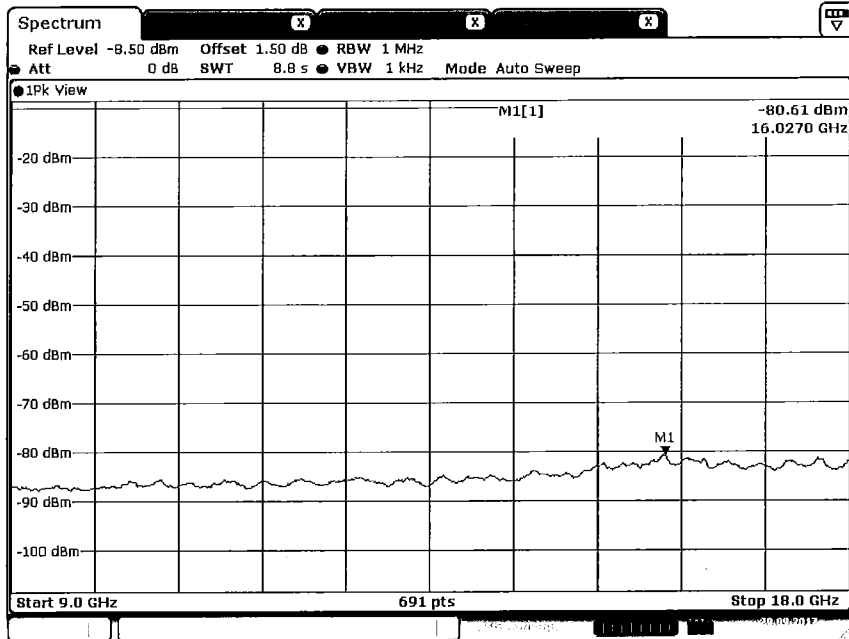
Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 16:55:46

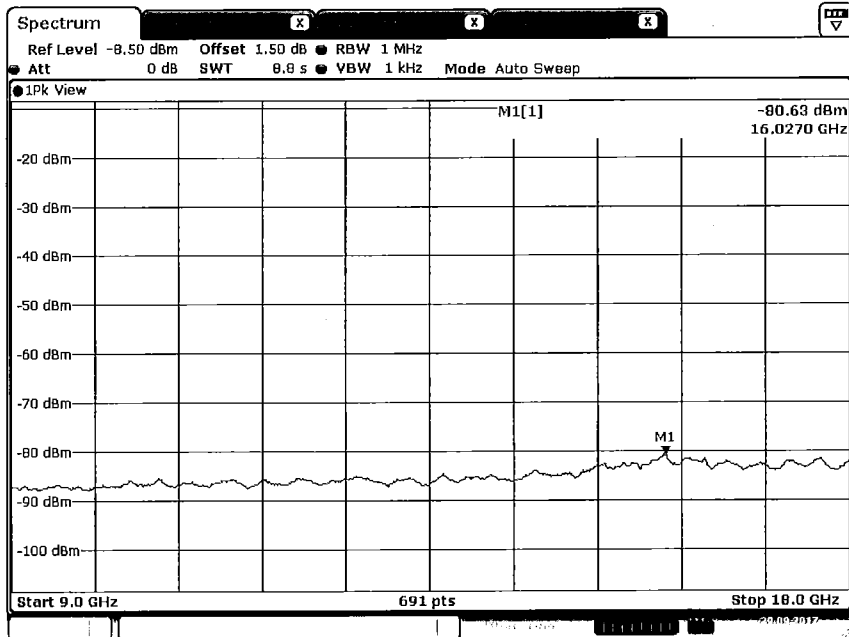


Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 23:18:22

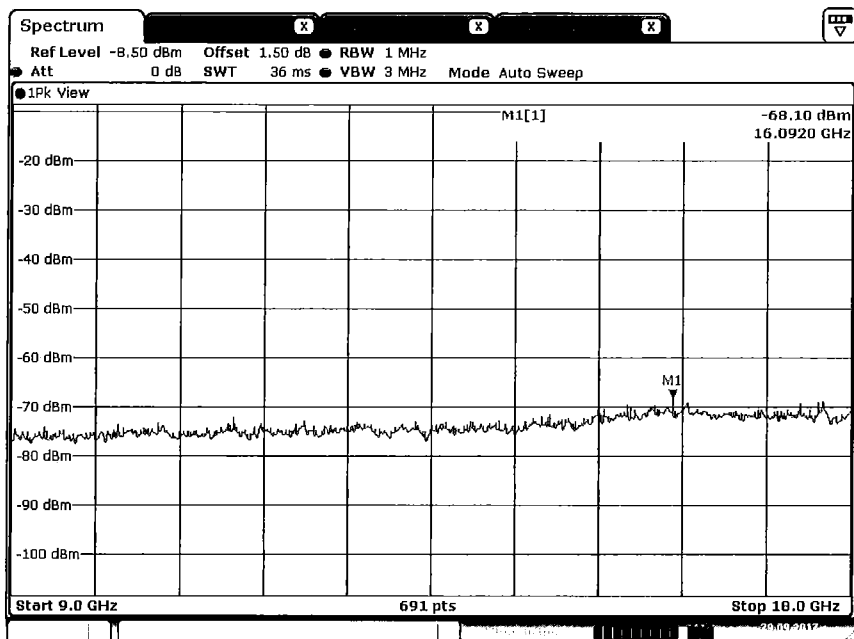
Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 23:18:46

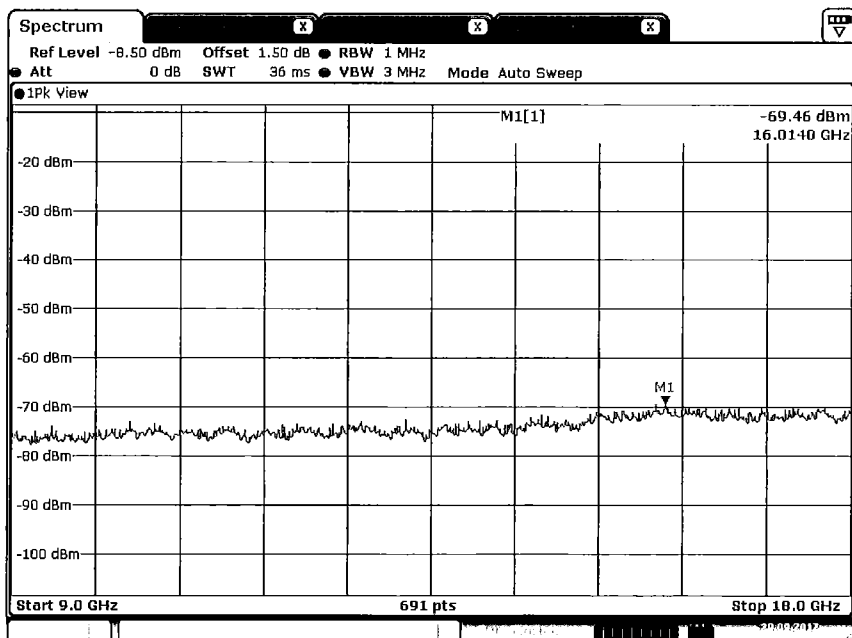


Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 23:22:49

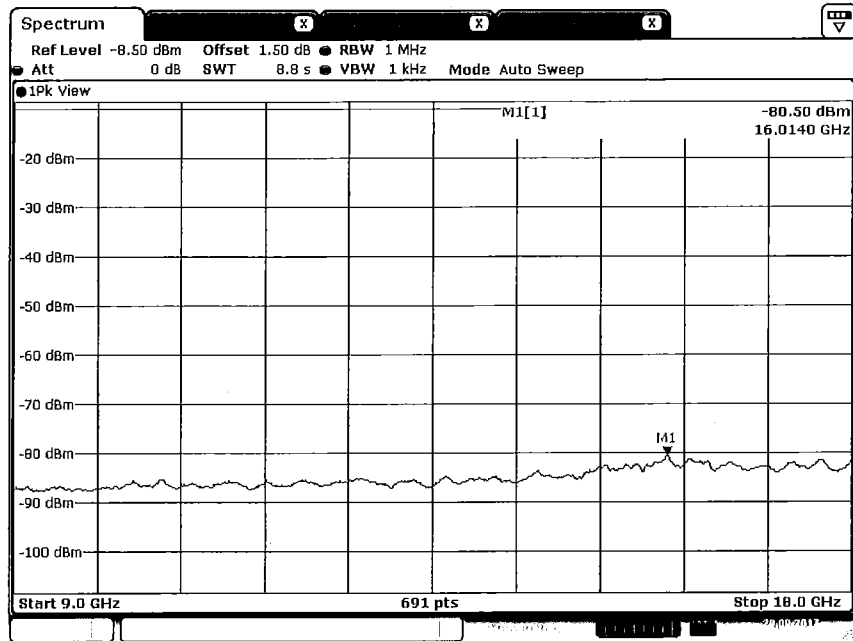
Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 23:20:34

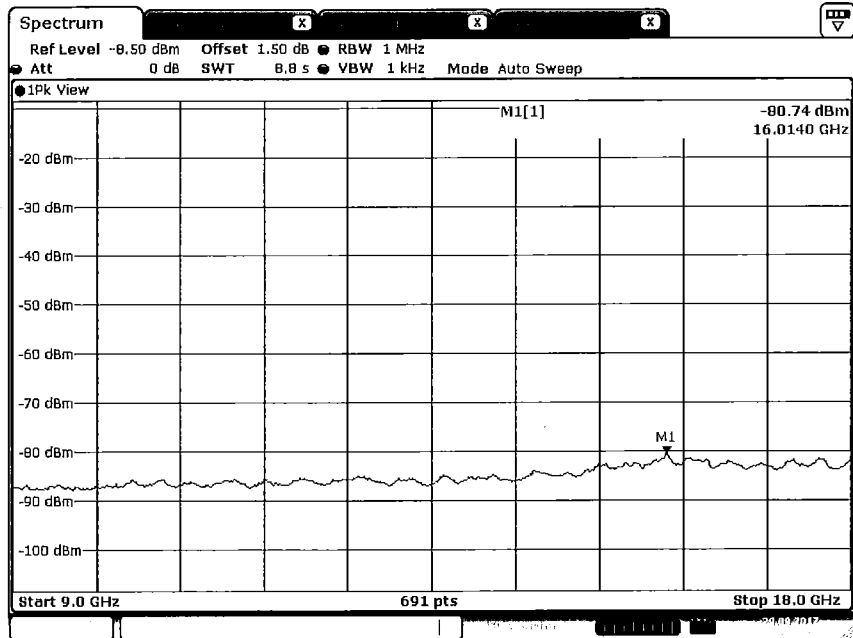


Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP. 2017 23:19:17

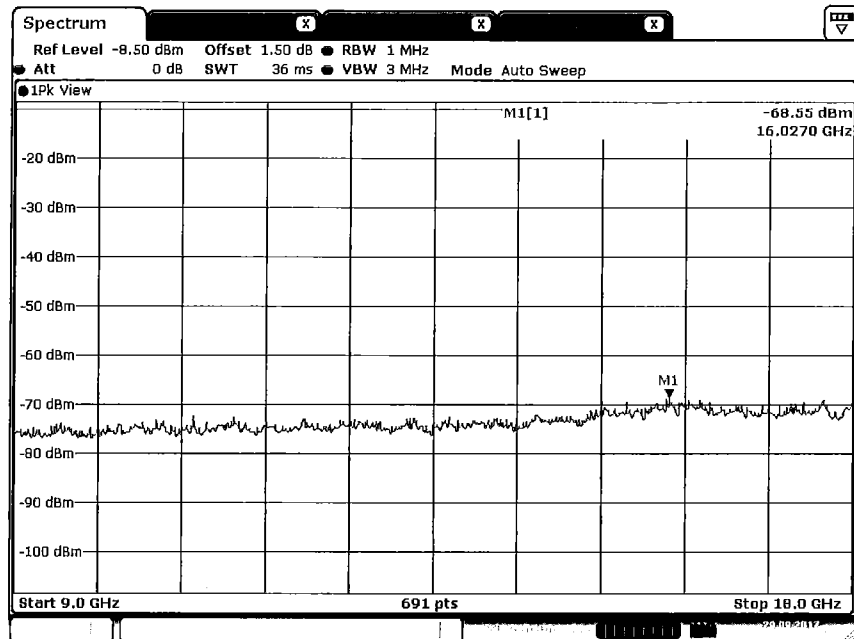
Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP. 2017 23:19:50

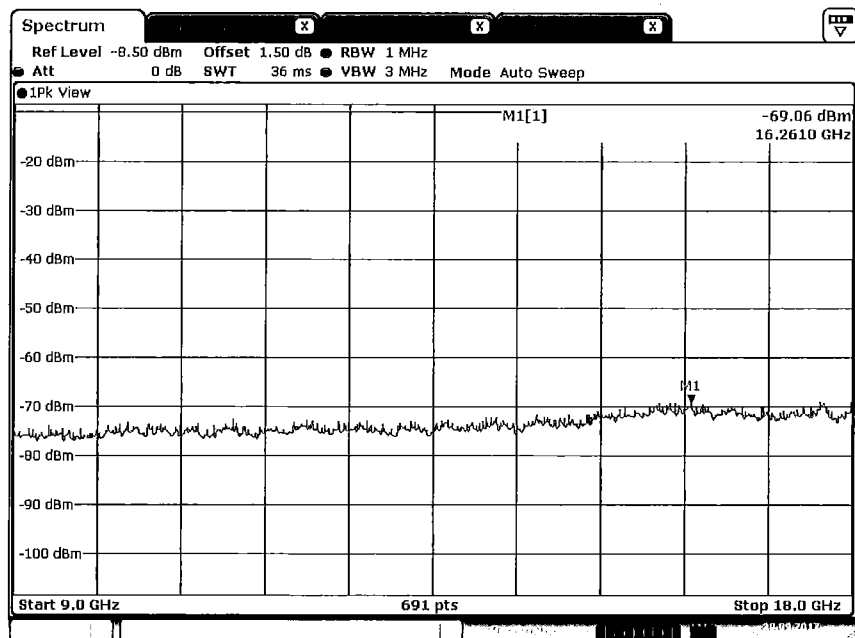


Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 23:21:01

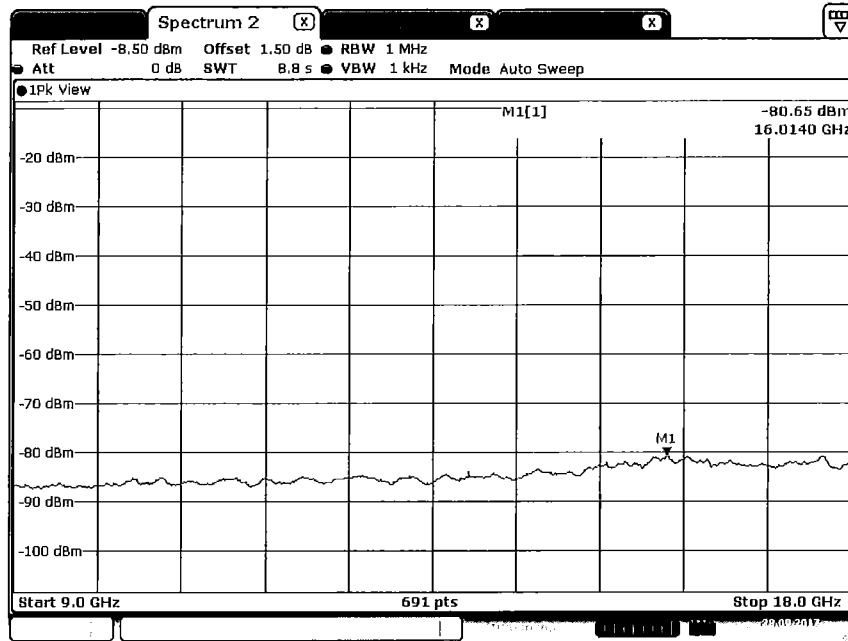
Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 23:21:21

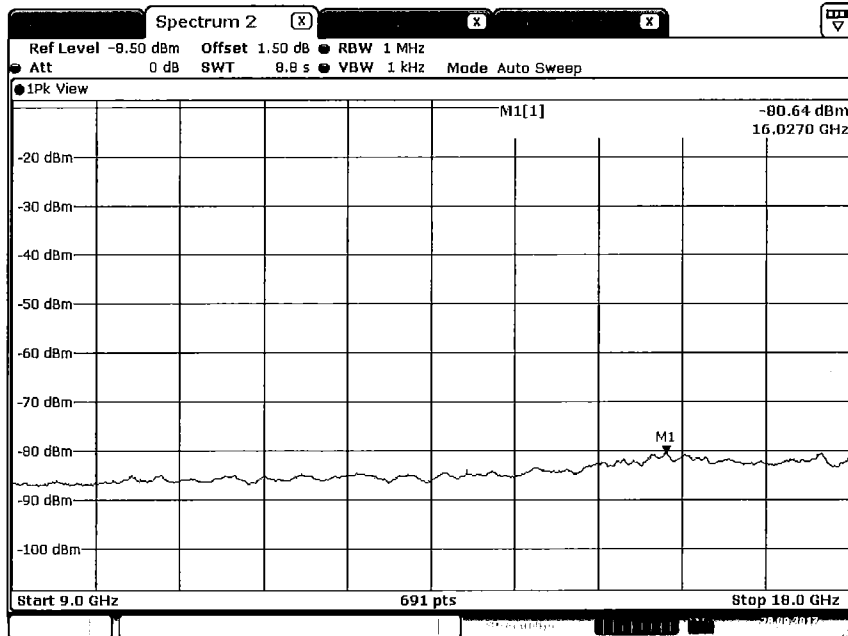


Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 1 / 9GHz~18GHz



Date: 28.SEP.2017 09:12:03

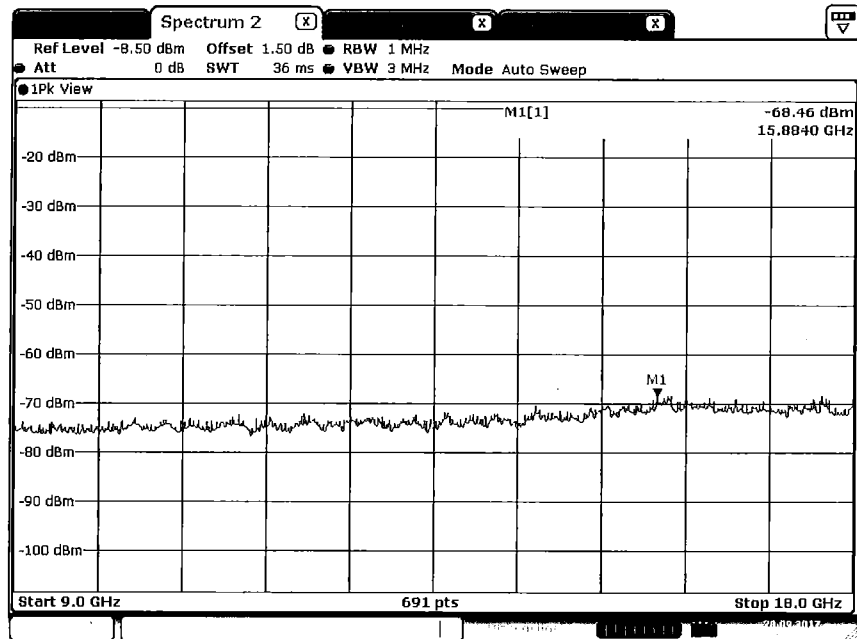
Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 2 / 9GHz~18GHz



Date: 28.SEP.2017 09:15:09

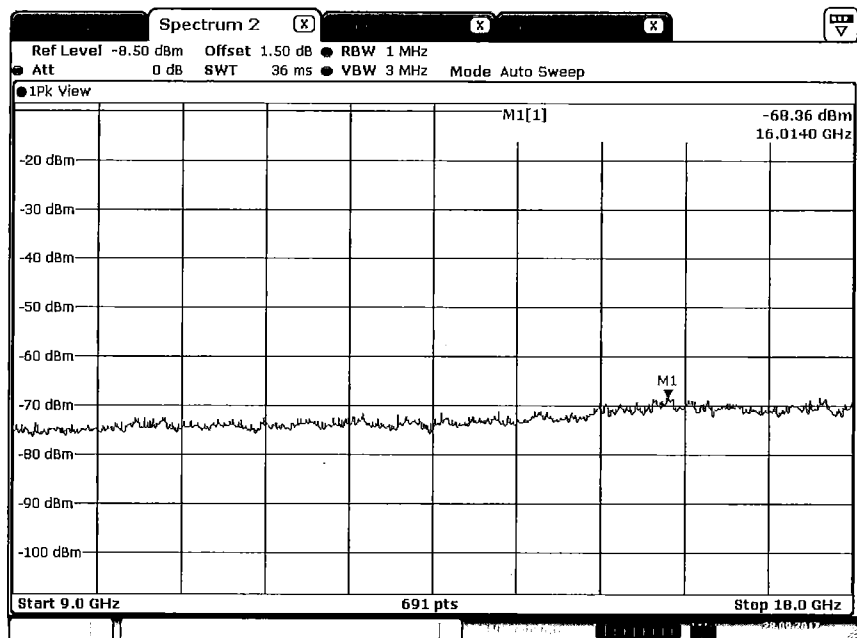


Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:15:29

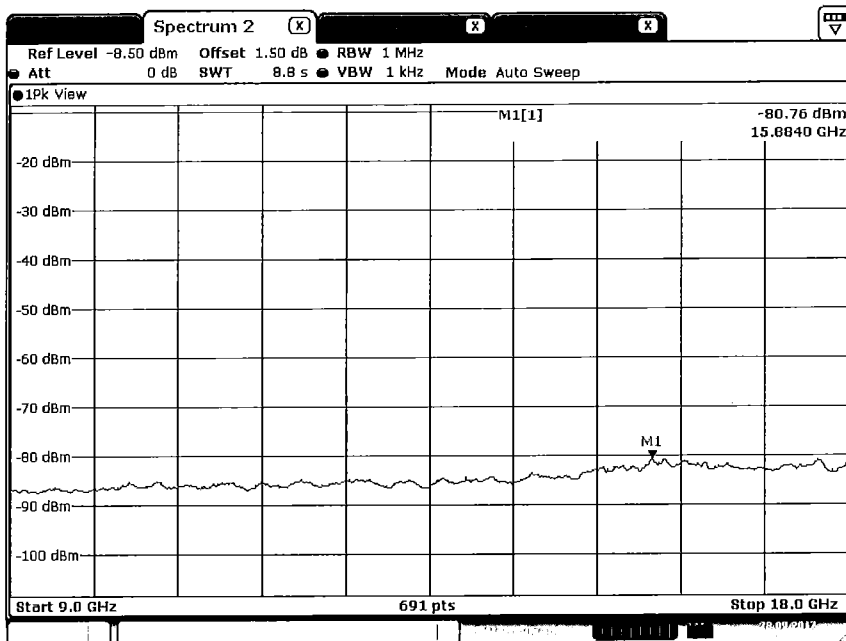
Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:15:54

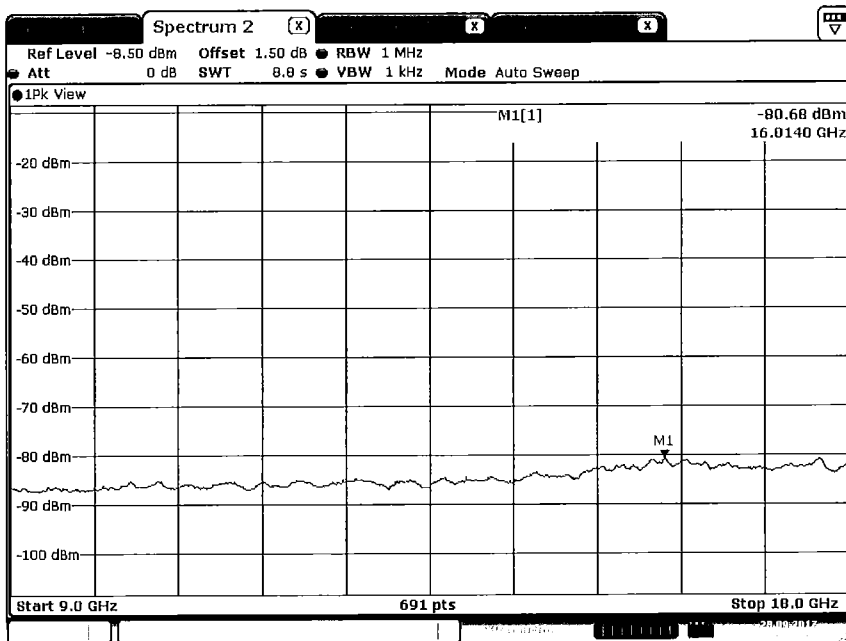


Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:16:21

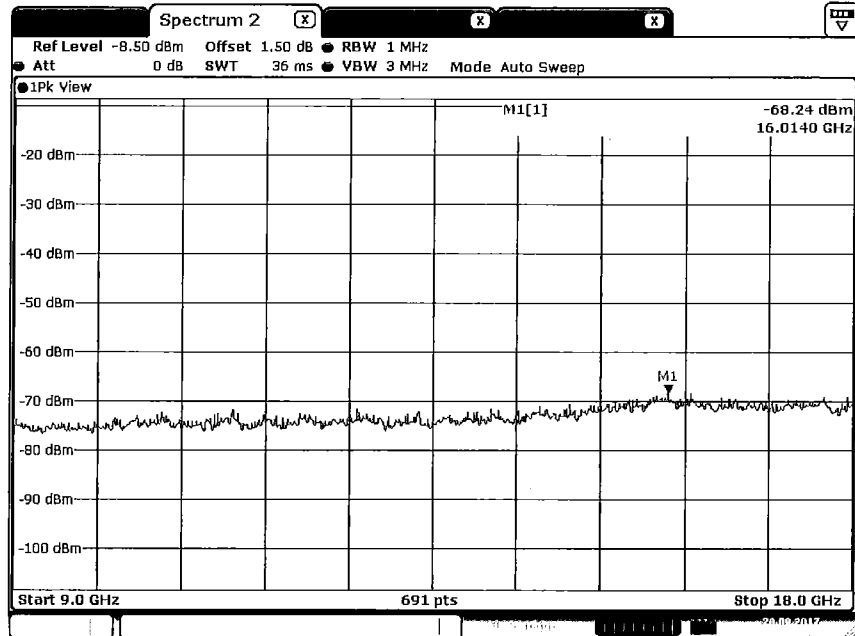
Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:16:43

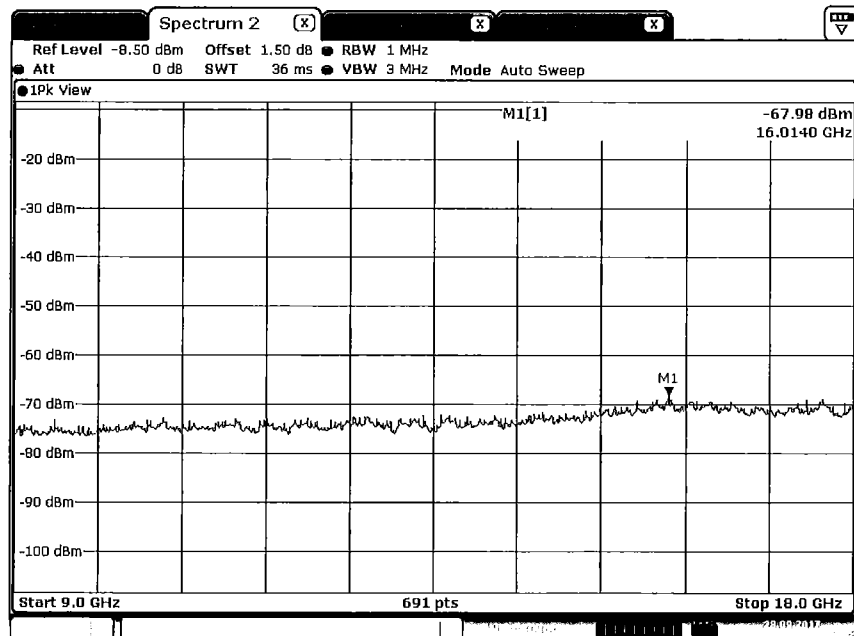


Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:17:03

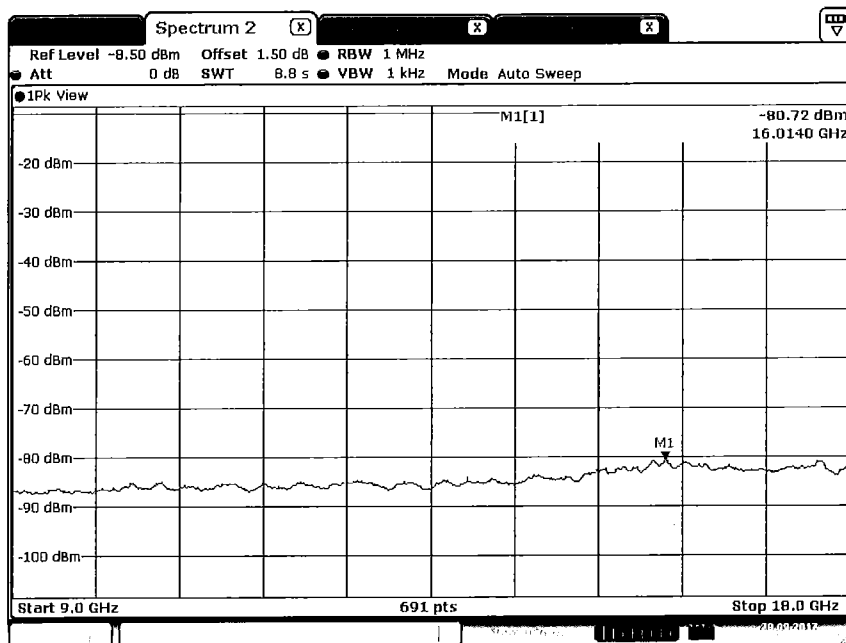
Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:17:24

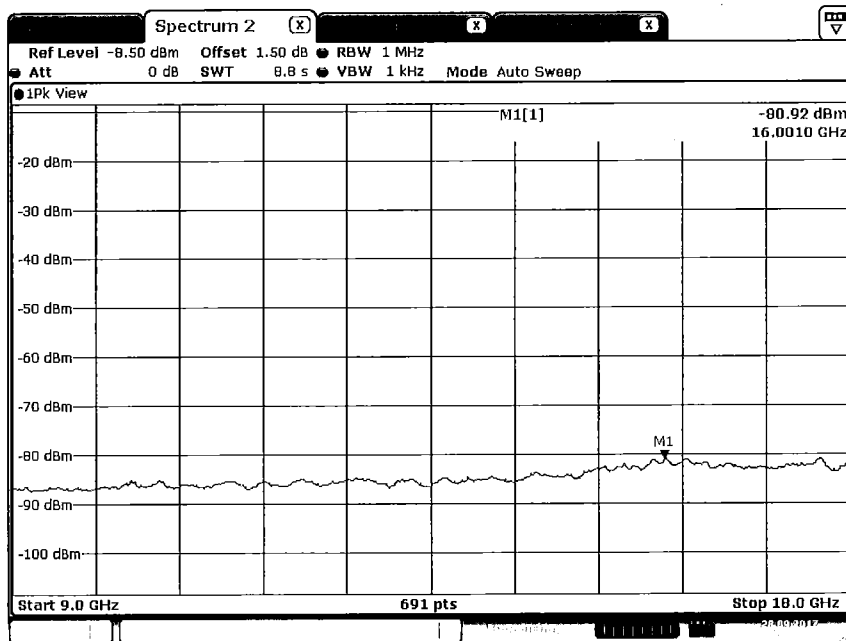


Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:18:10

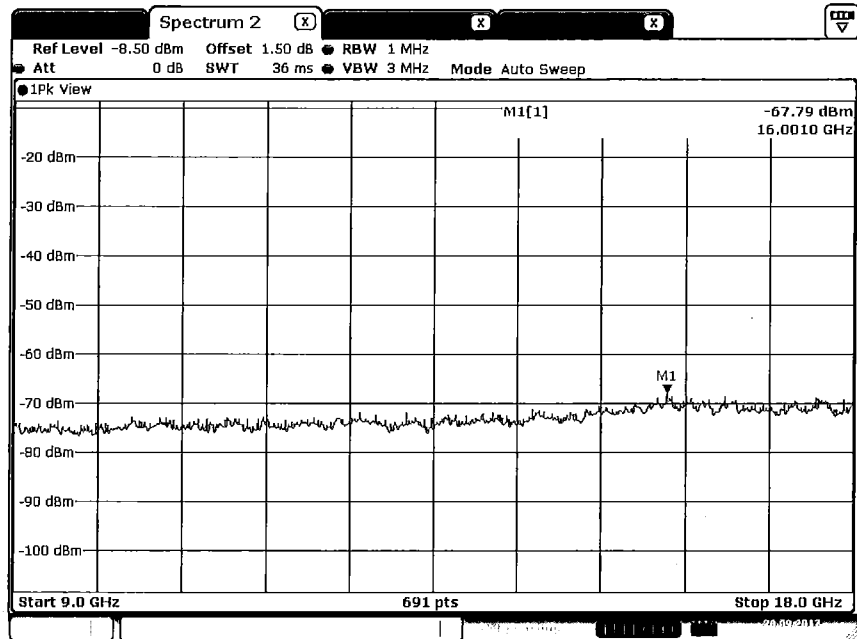
Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:18:33

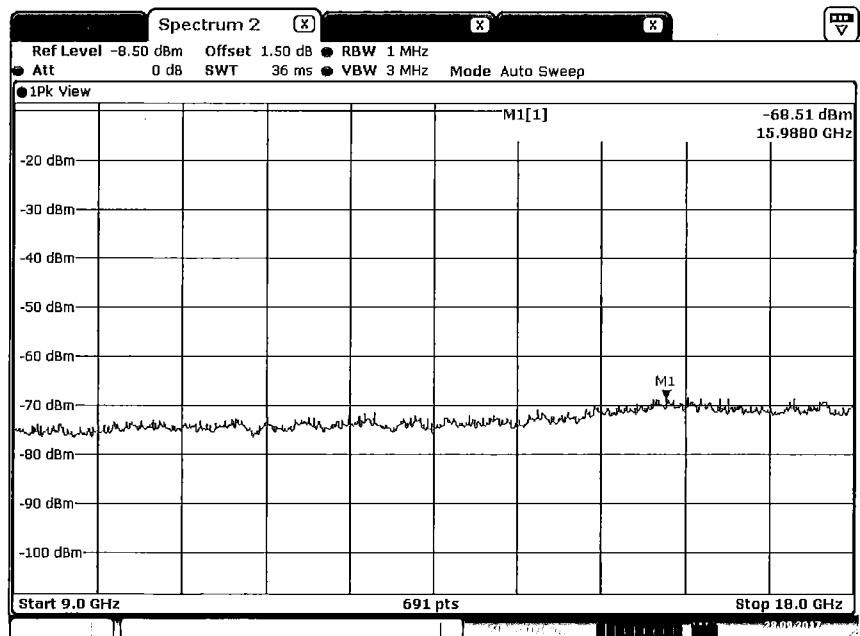


Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 1 / 9GHz~18GHz

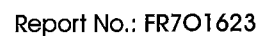


Date: 28 SEP 2017 09:19:10

Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:19:30



Spectrum 2 [X] [X] [X]
 Ref Level -8.50 dBm Offset 1.50 dB RBW 1 MHz
 Att 0 dB SWT 8.8 s VBW 1 kHz Mode Auto Sweep
 1Pk View
 M1[1] -80.73 dBm 16.0010 GHz
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm
 -80 dBm
 -90 dBm
 -100 dBm
 Start 9.0 GHz 691 pts Stop 18.0 GHz

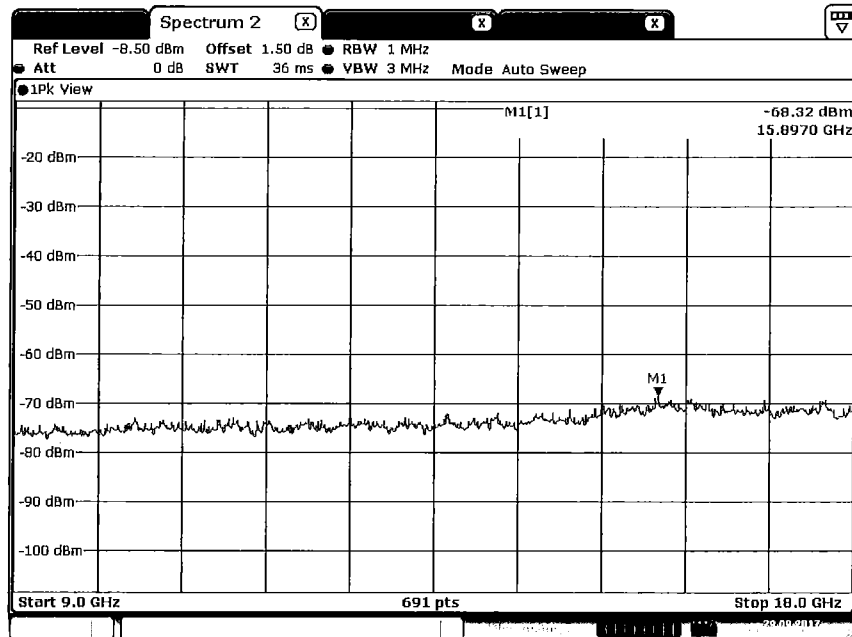
The screenshot shows a Spectrum Analyzer interface with the following settings and data:

- Title:** Spectrum 2
- Ref Level:** -8.50 dBm
- Offset:** 1.50 dB
- RBW:** 1 MHz
- Att:** 0 dB
- SWT:** 8.8 s
- VBW:** 1 kHz
- Mode:** Auto Sweep
- View:** 1Pk View
- Frequency Range:** Start 9.0 GHz, Stop 18.0 GHz
- Resolution:** 691 pts
- Peak Data:** M1[1] at 16.0010 GHz, level -80.65 dBm
- Y-axis:** Power level from -100 dBm to -20 dBm
- X-axis:** Frequency from 9.0 GHz to 18.0 GHz

Date: 29 SEP 2017 10:42:59

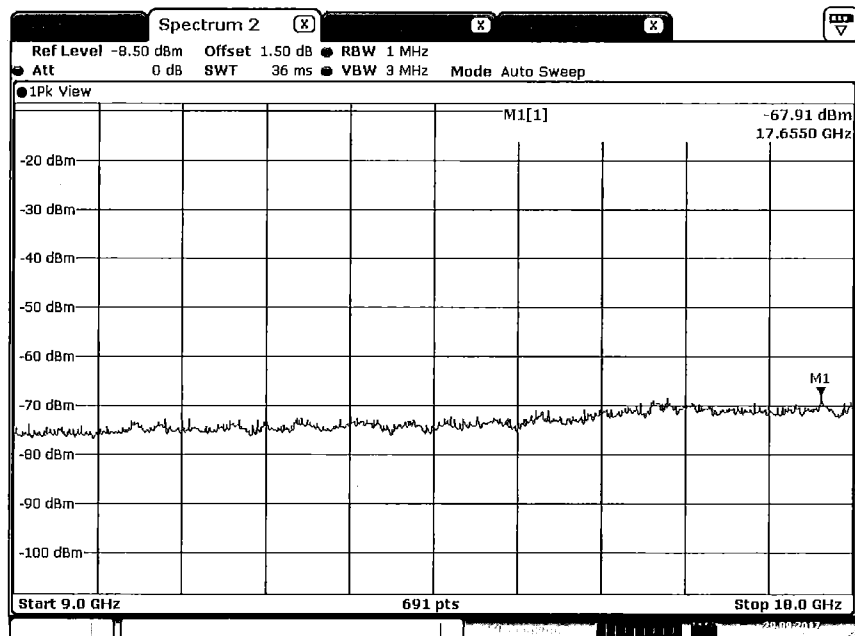


Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:43:17

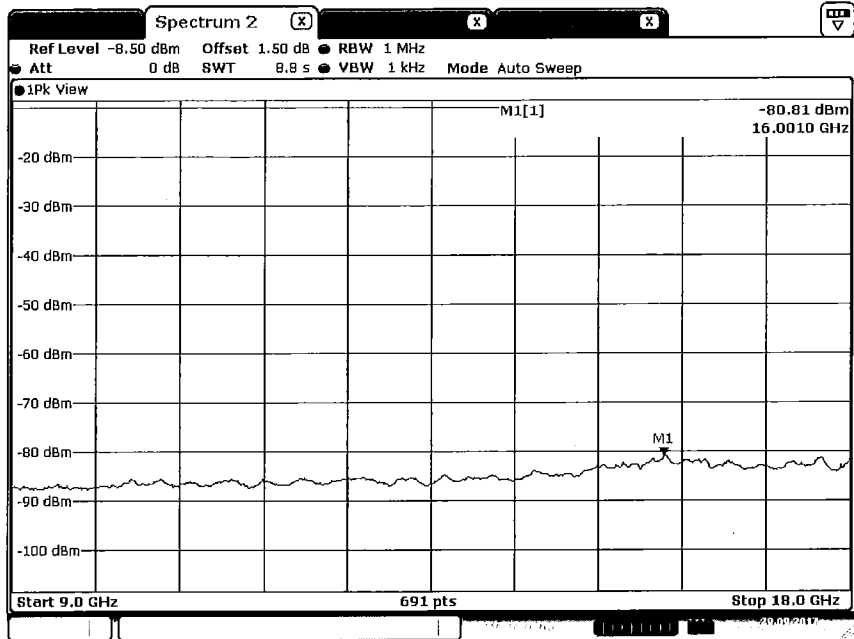
Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:43:38

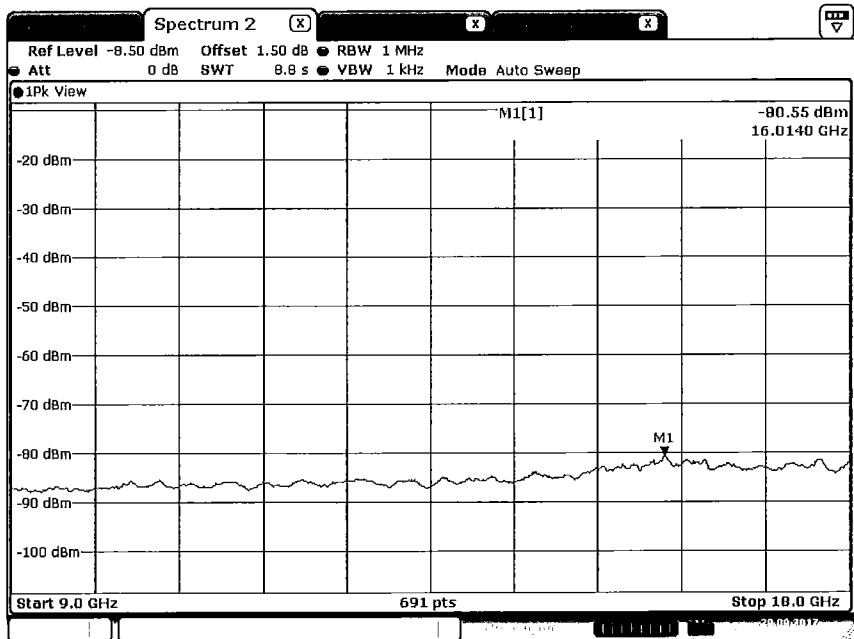


Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:44:07

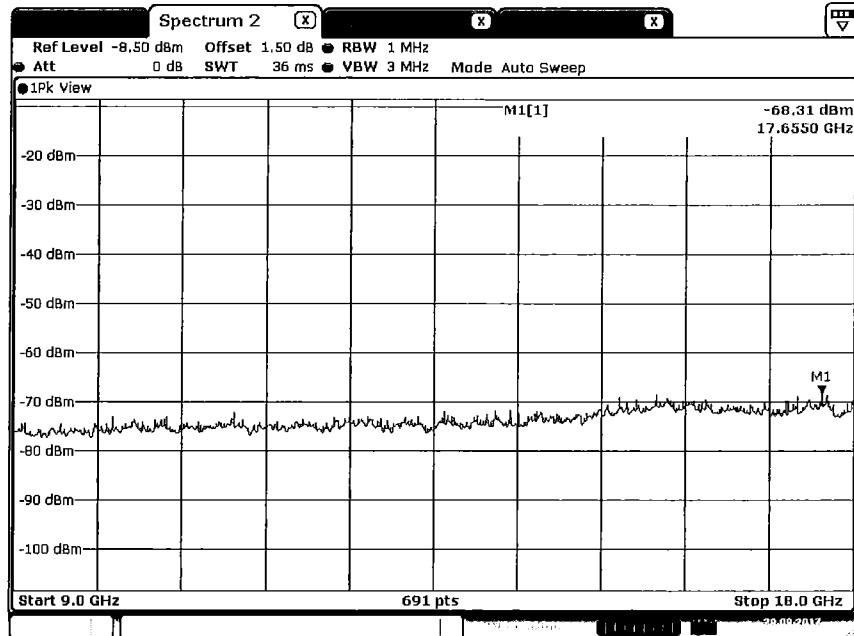
Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:44:38

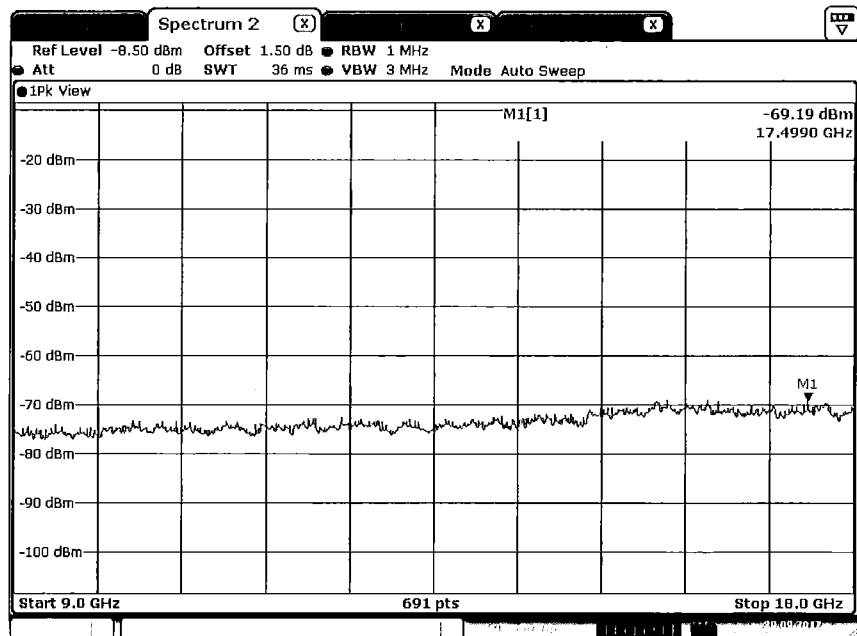


Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:45:00

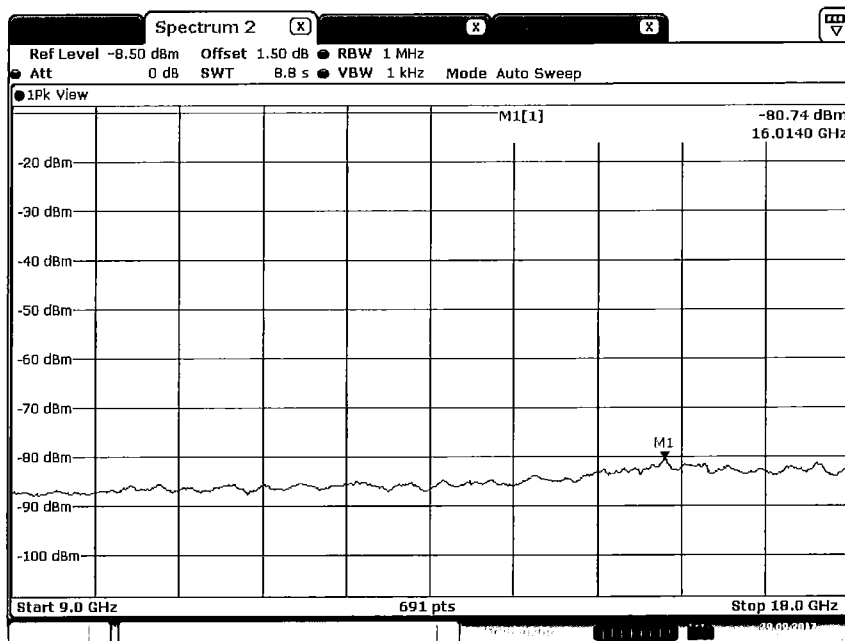
Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:45:28

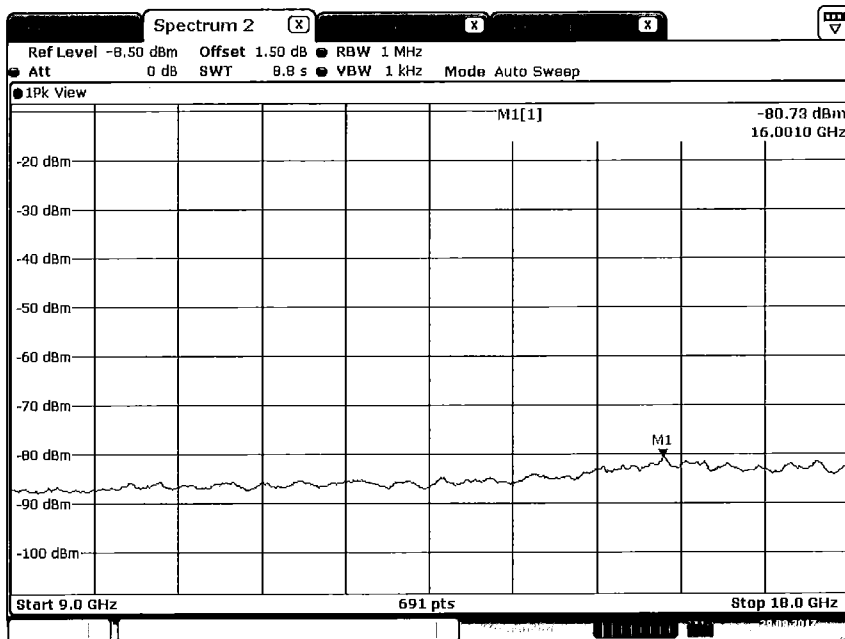


Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP. 2017 10:46:20

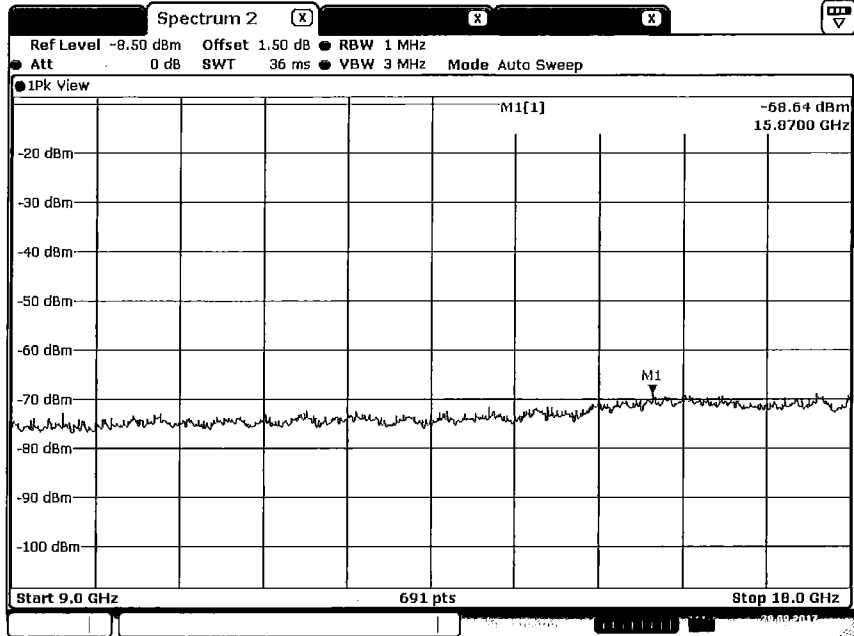
Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP. 2017 10:46:50

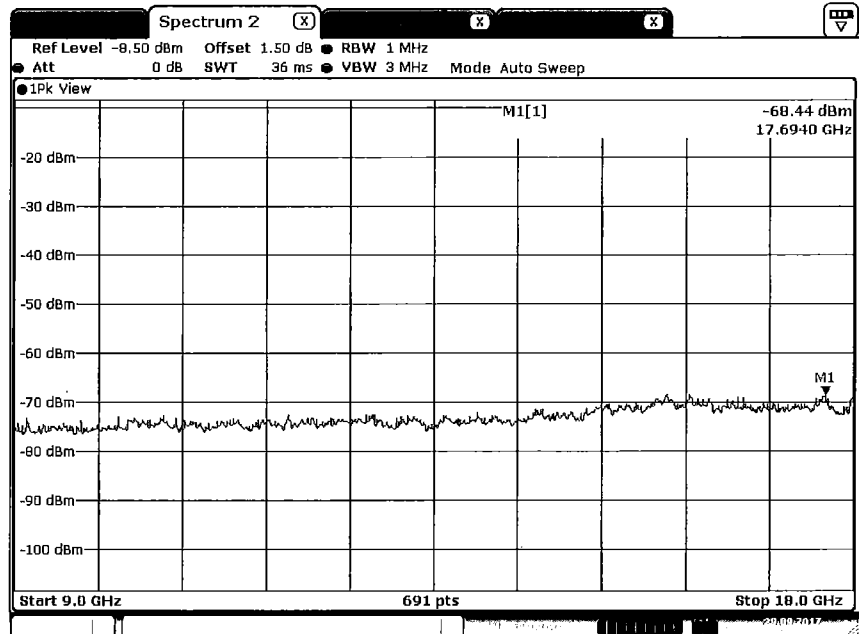


Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:47:12

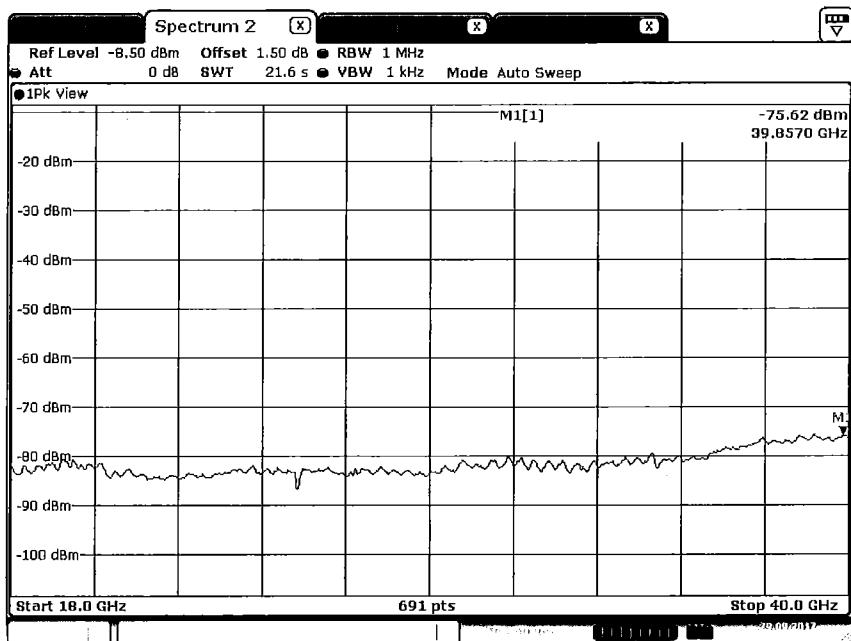
Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:47:34

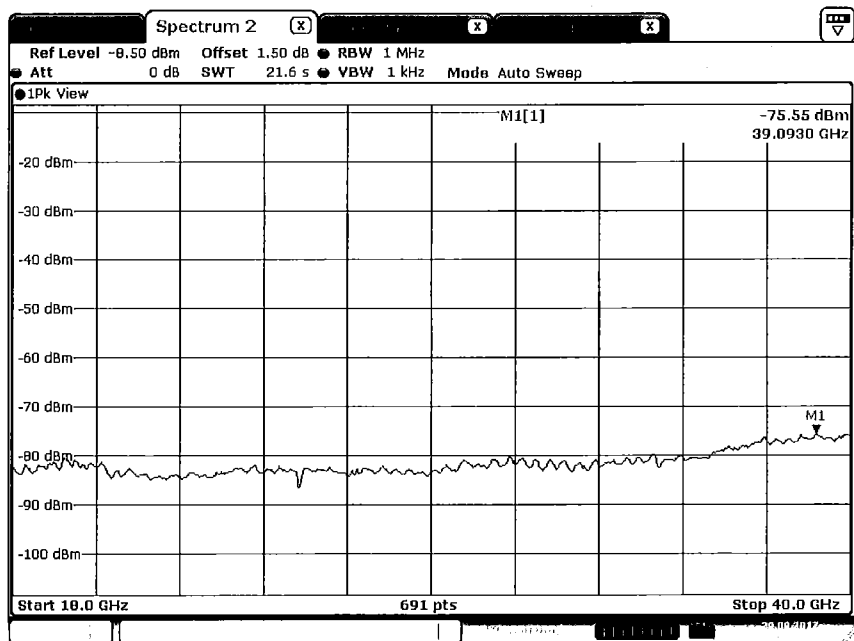


Plot on Configuration QPSK, 20M / 5180 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 16:57:31

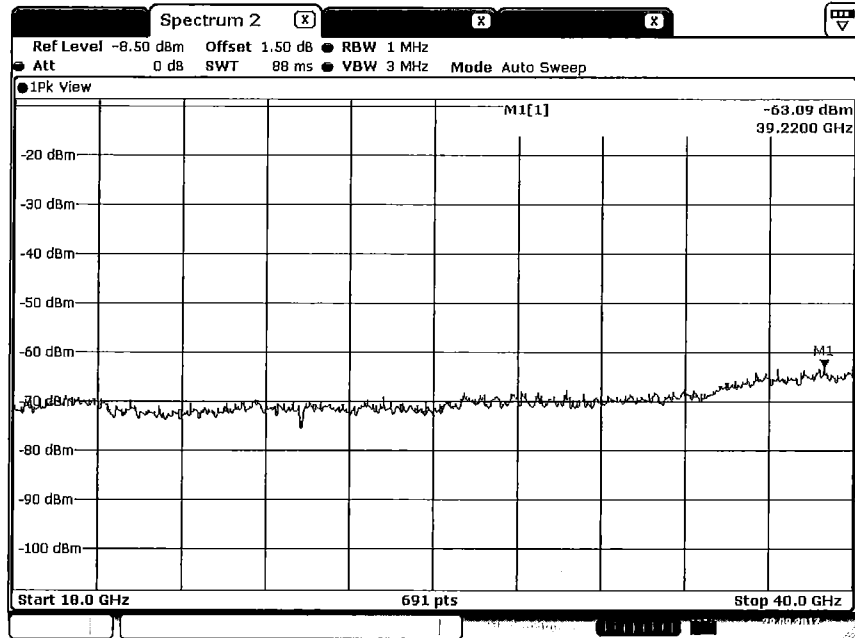
Plot on Configuration QPSK, 20M / 5180 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 16:58:12

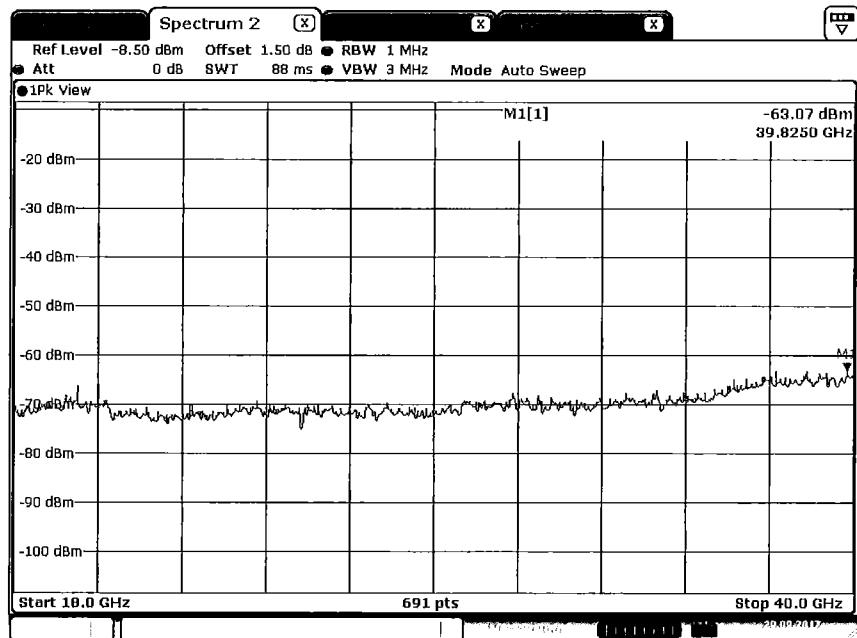


Plot on Configuration QPSK, 20M / 5180 MHz / Peak / Port 1 / 18GHz~40GHz

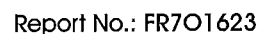


Date: 29 SEP 2017 16:58:29

Plot on Configuration QPSK, 20M / 5180 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:01:31



The screenshot shows a Spectrum Analyzer interface. At the top, there are three tabs labeled 'Spectrum 2', '(X)', and '(X)'. Below the tabs, the following settings are displayed: 'Ref Level -8.50 dBm', 'Offset 1.50 dB', 'RBW 1 MHz', 'Att 0 dB', 'SWT 21.6 s', 'VBW 1 kHz', and 'Mode Auto Sweep'. The main display area is labeled '1Pk View' and shows a spectrum plot with a grid. The vertical axis is labeled from -20 dBm to -100 dBm in 10 dB increments. The horizontal axis is labeled 'Start 18.0 GHz' and 'Stop 40.0 GHz'. A peak labeled 'M1' is visible on the right side of the plot, with a value of -75.59 dBm and a frequency of 39.0930 GHz. The plot shows a noisy baseline that rises slightly towards the right.

Spectrum 2 [X] [X] [X]

Ref Level -8.50 dBm Offset 1.50 dB ● RBW 1 MHz
 Att 0 dB SWT 21.6 s ● VBW 1 kHz Mode Auto Sweep

● 1Pk View

M1[1] -75.76 dBm
 39.8890 GHz

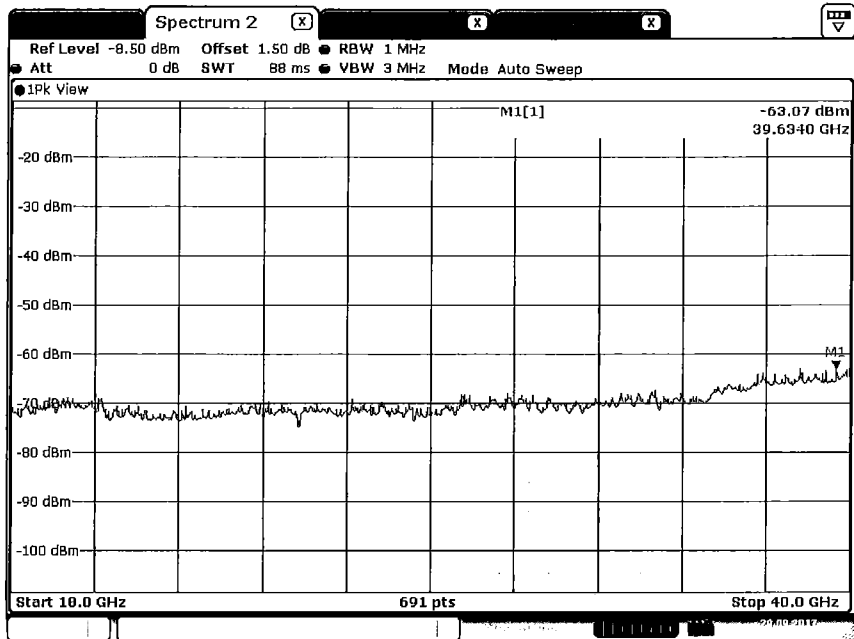
-20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm
 -80 dBm
 -90 dBm
 -100 dBm

Start 18.0 GHz 691 pts Stop 40.0 GHz

Date: 29 SEP 2017 17:00:06

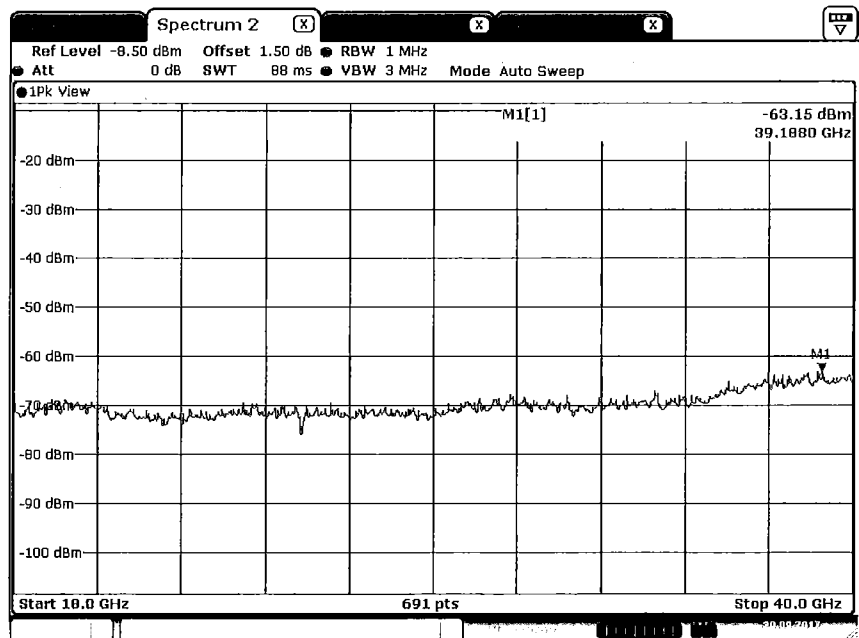


Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 17:03:21

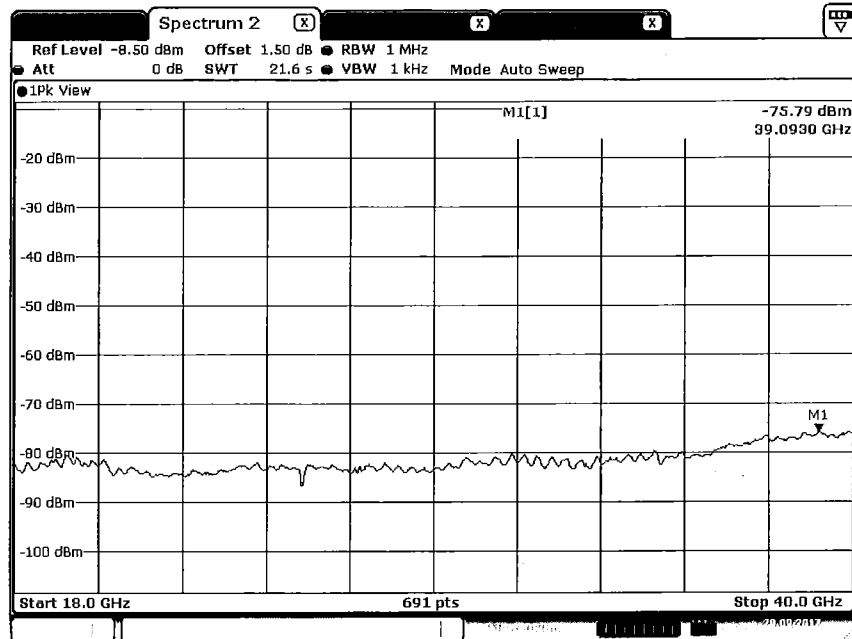
Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:03:48

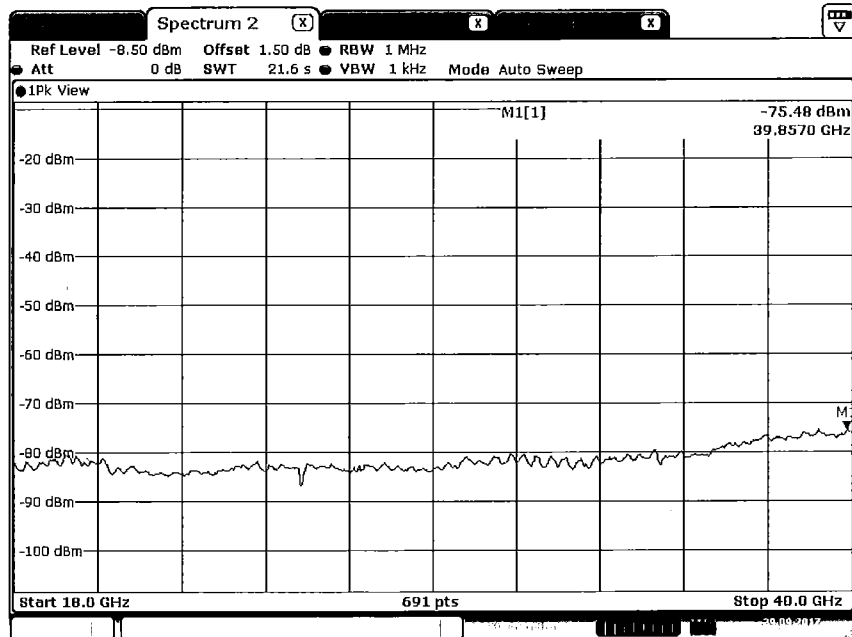


Plot on Configuration QPSK, 20M / 5240 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 17:02:19

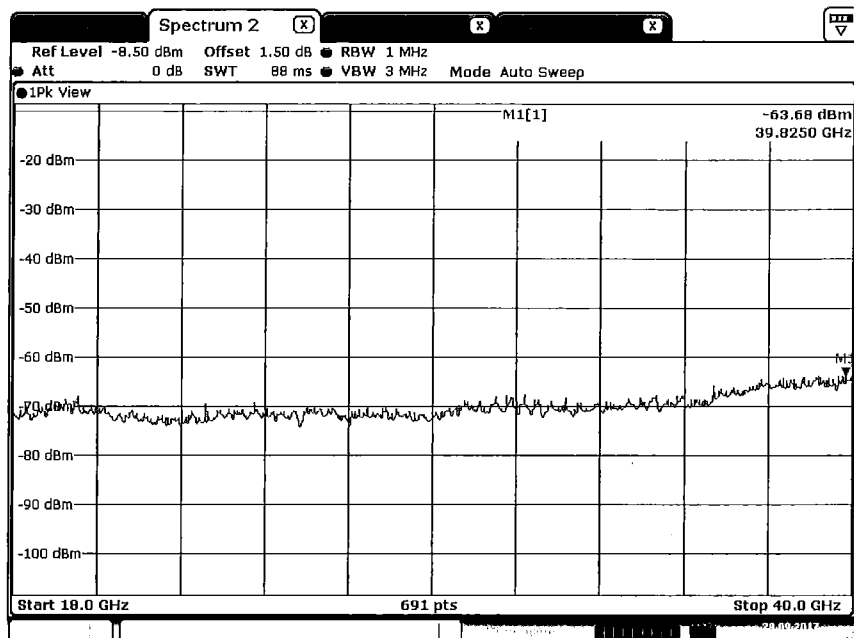
Plot on Configuration QPSK, 20M / 5240 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:02:57

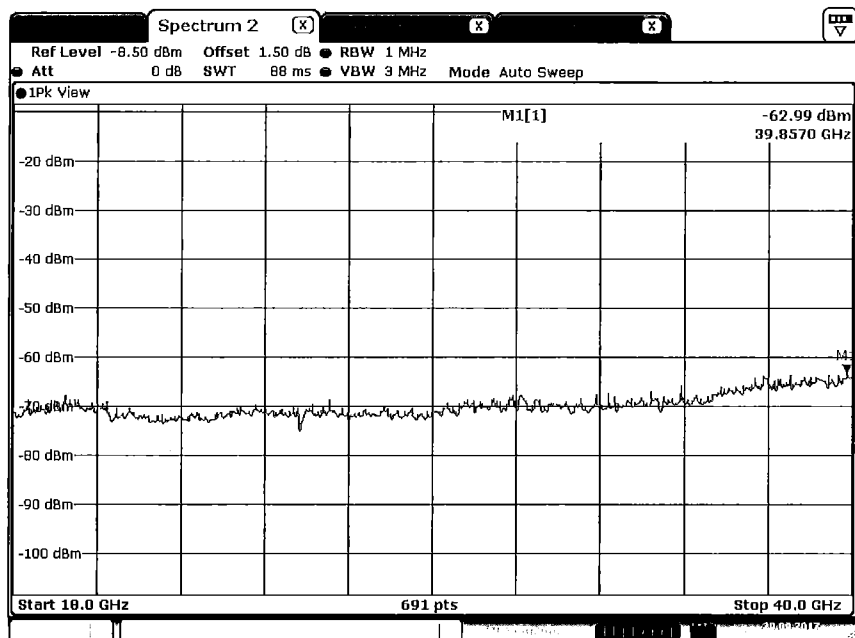


Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 17:04:27

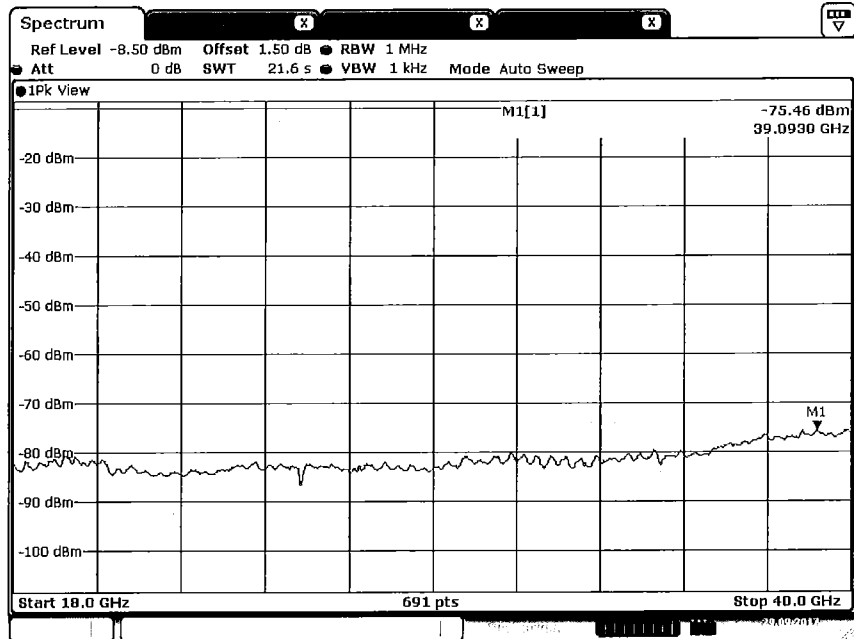
Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:04:44

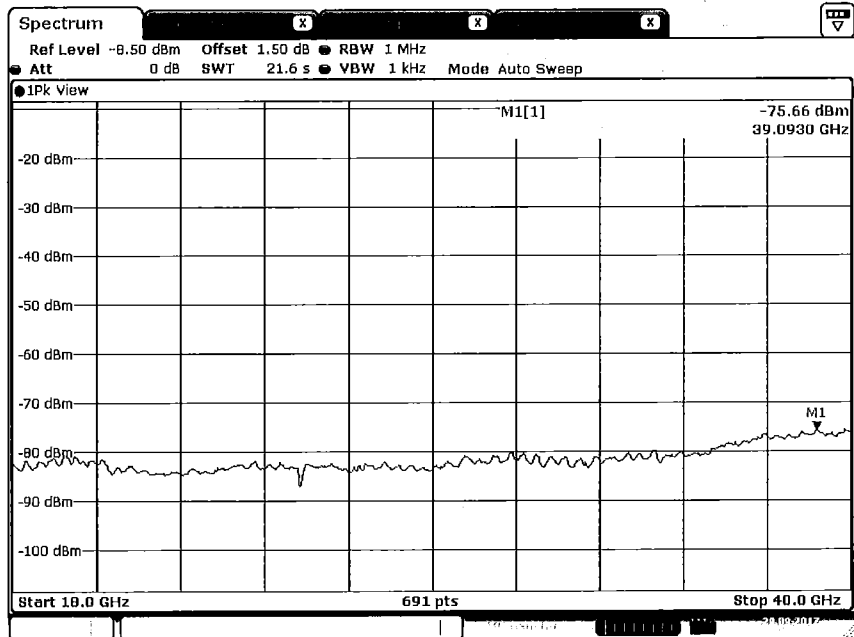


Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 23:29:23

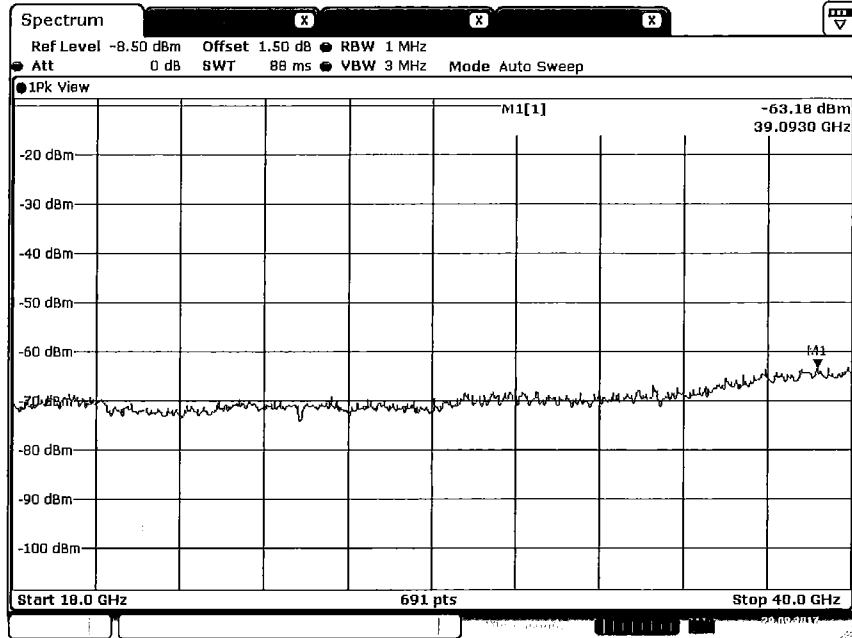
Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 23:30:04

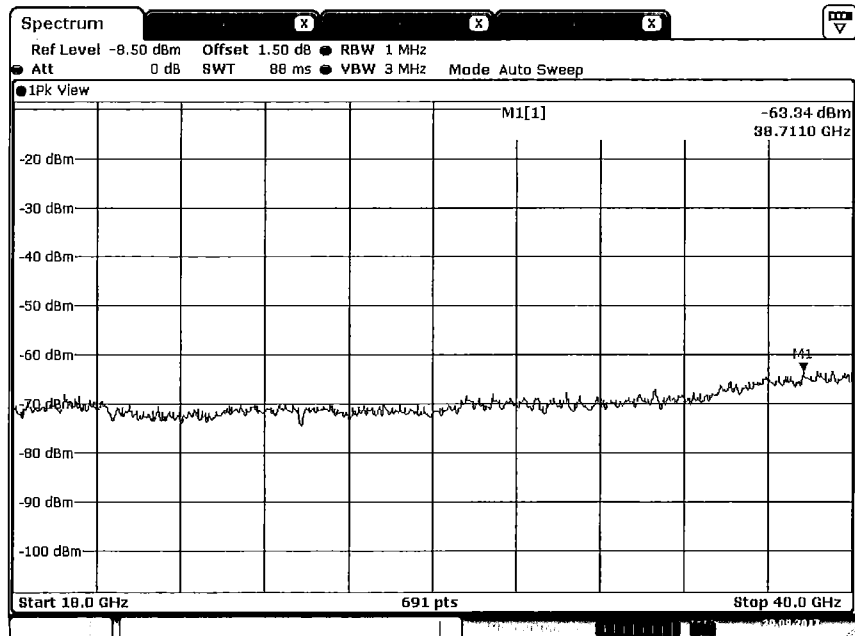


Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 23:33:08

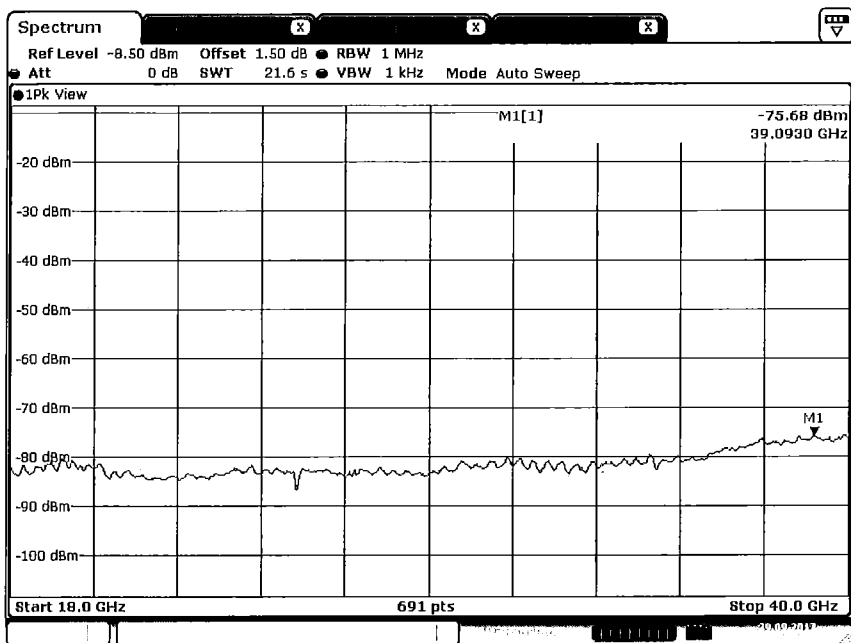
Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 23:33:52

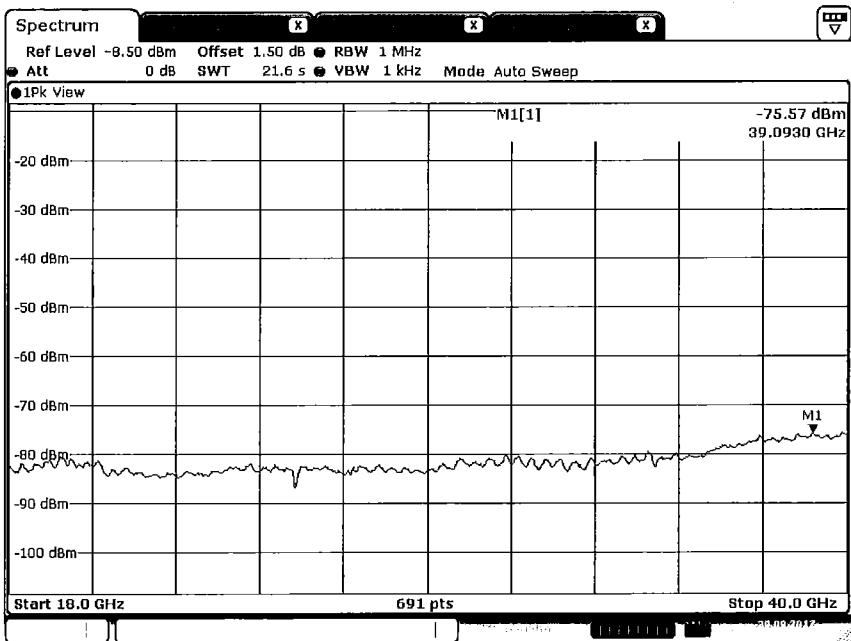


Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 23:30:50

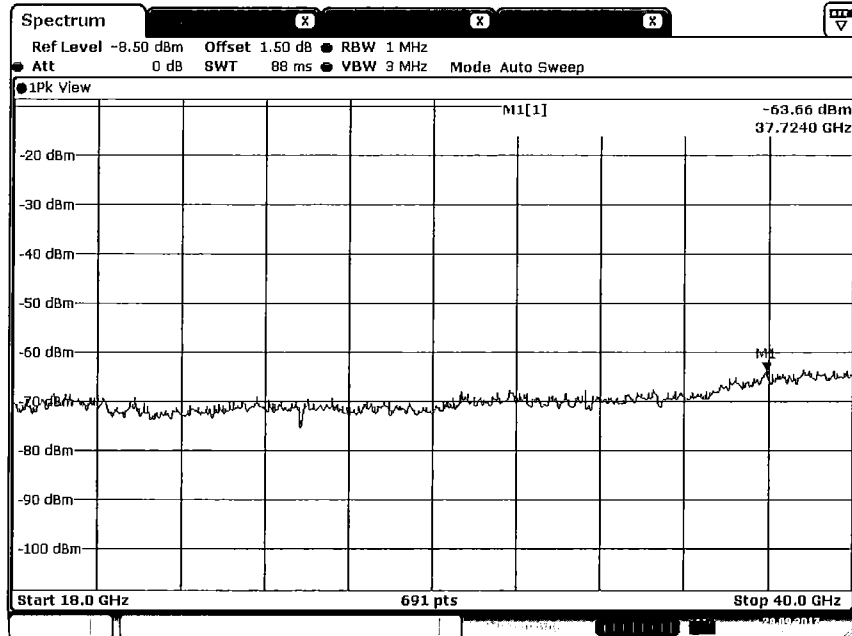
Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 23:31:37

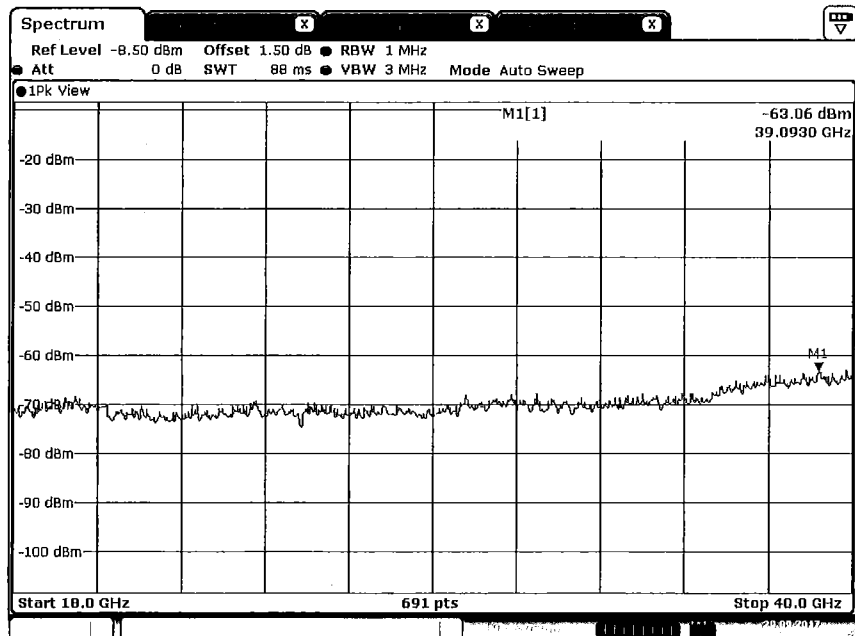


Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29.SEP.2017 23:34:28

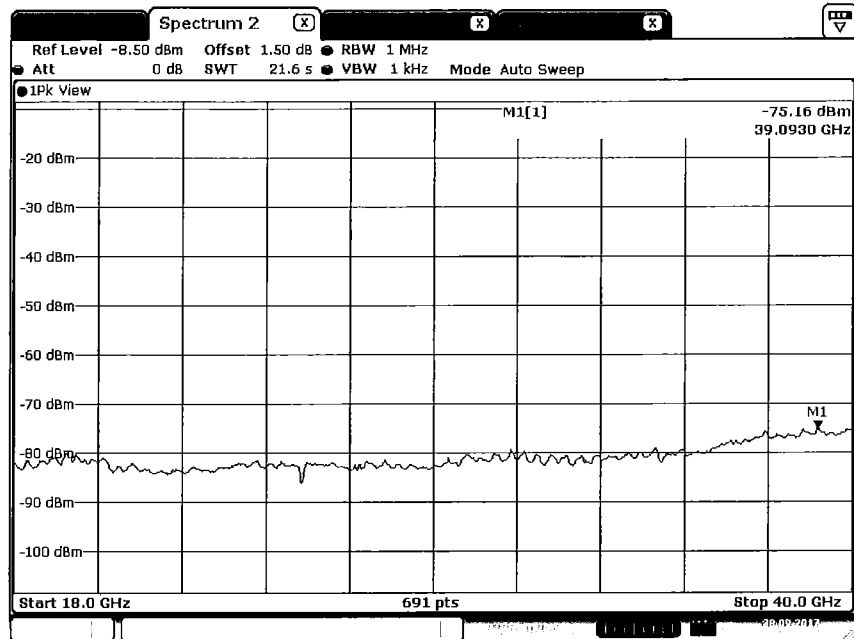
Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29.SEP.2017 23:35:07

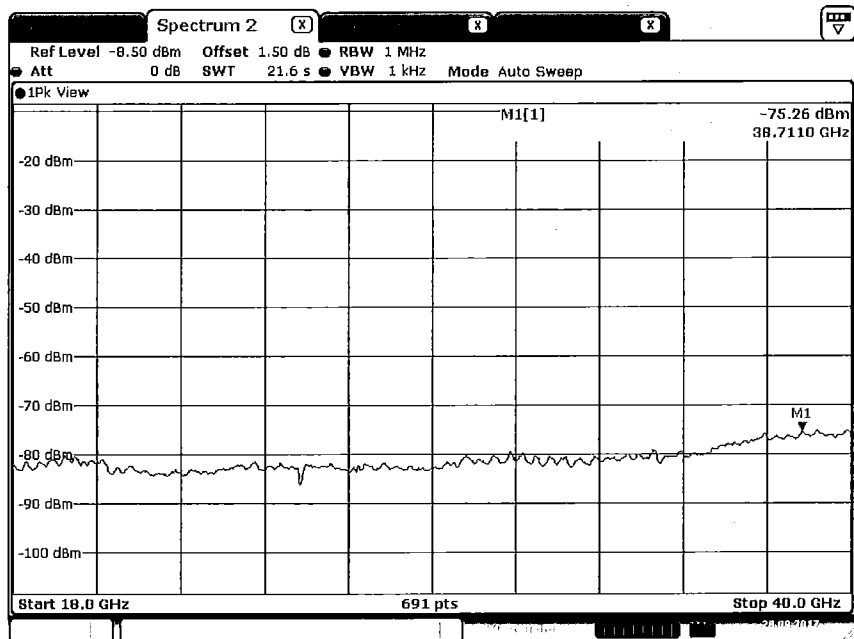


Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 1 / 18GHz~40GHz



Date: 28.SEP.2017 09:24:22

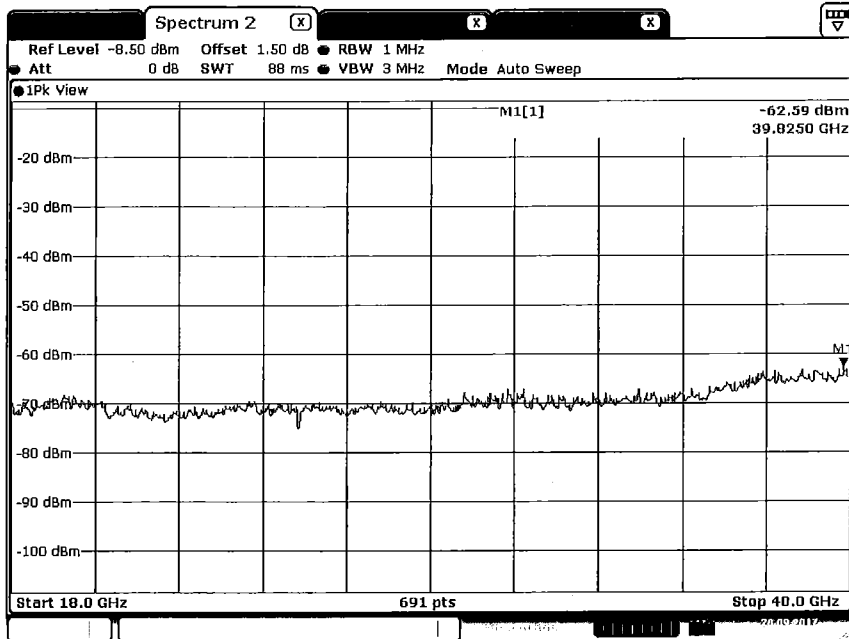
Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 2 / 18GHz~40GHz



Date: 28.SEP.2017 09:24:58

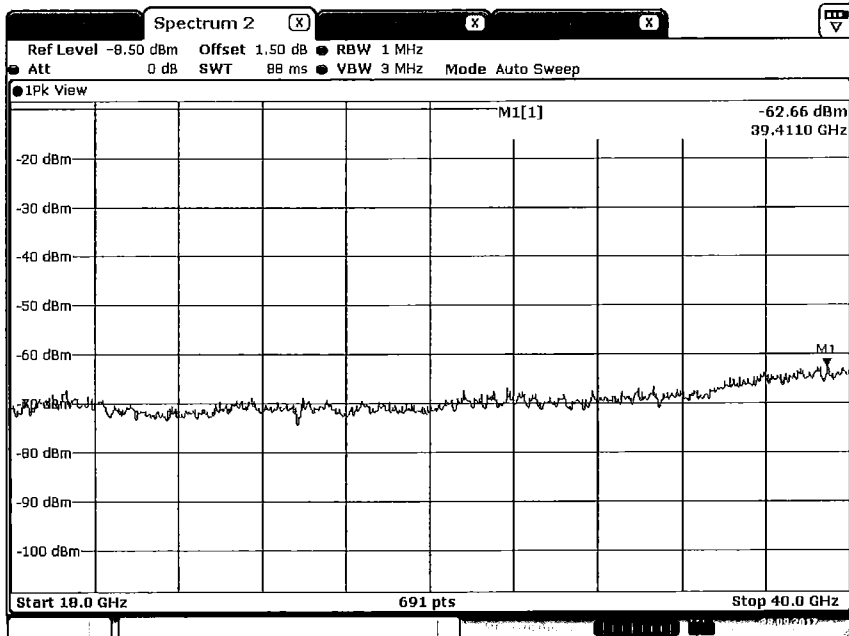


Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 28.SEP.2017 09:25:17

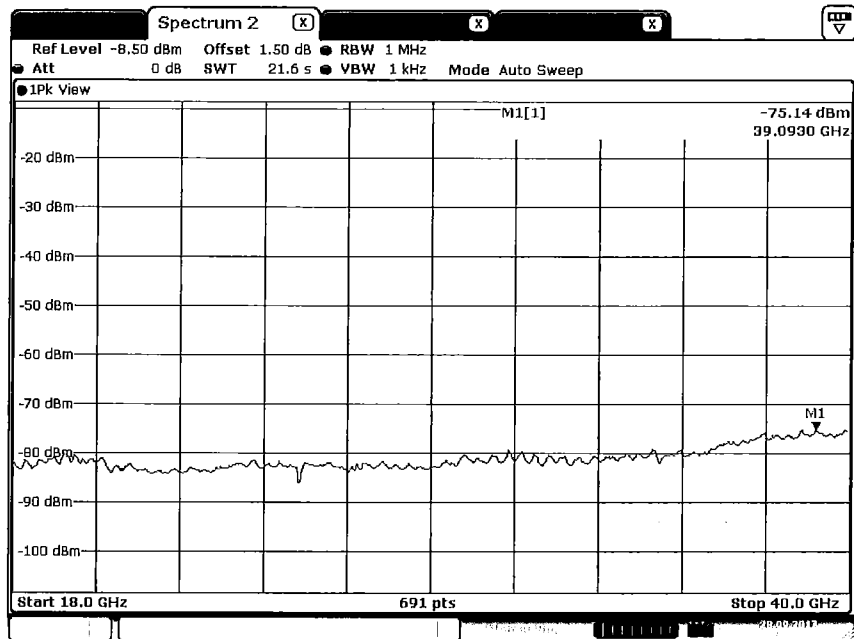
Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 28.SEP.2017 09:25:36

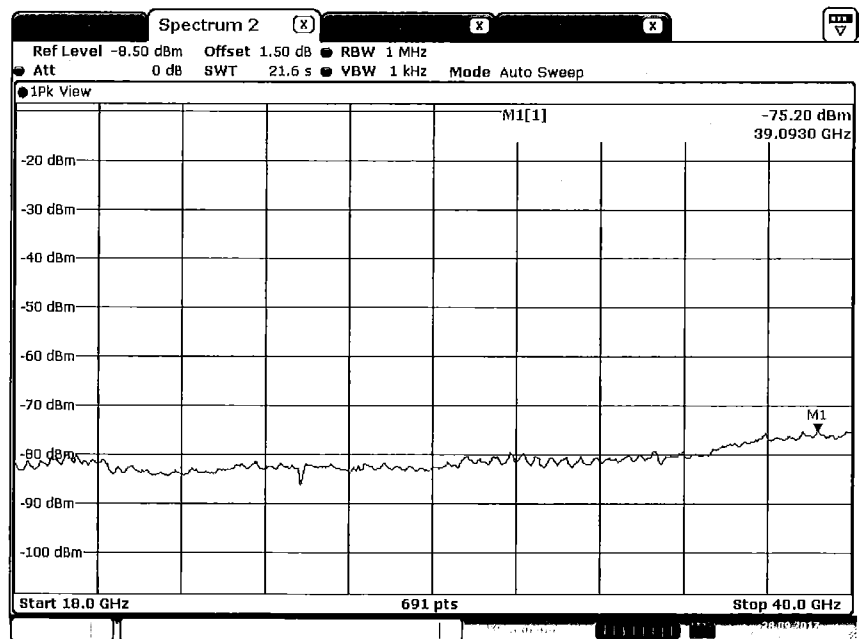


Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 1 / 18GHz~40GHz



Date: 28 SEP 2017 09:27:42

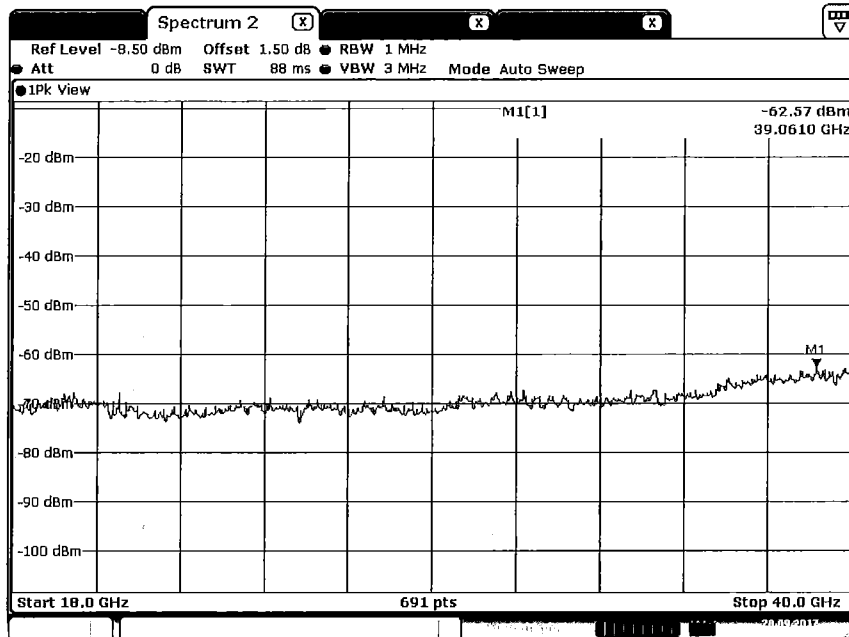
Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 2 / 18GHz~40GHz



Date: 28 SEP 2017 09:26:27

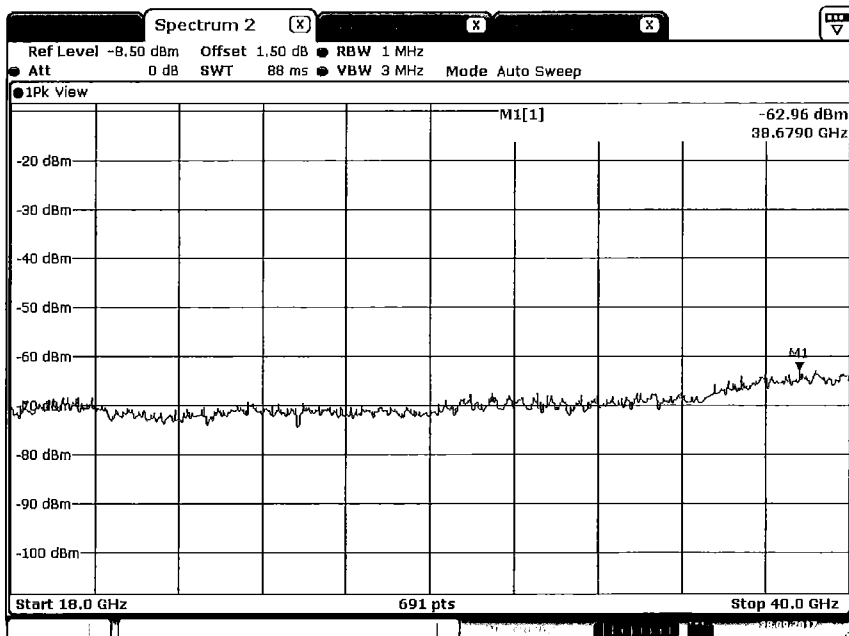


Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 28.SEP.2017 09:26:45

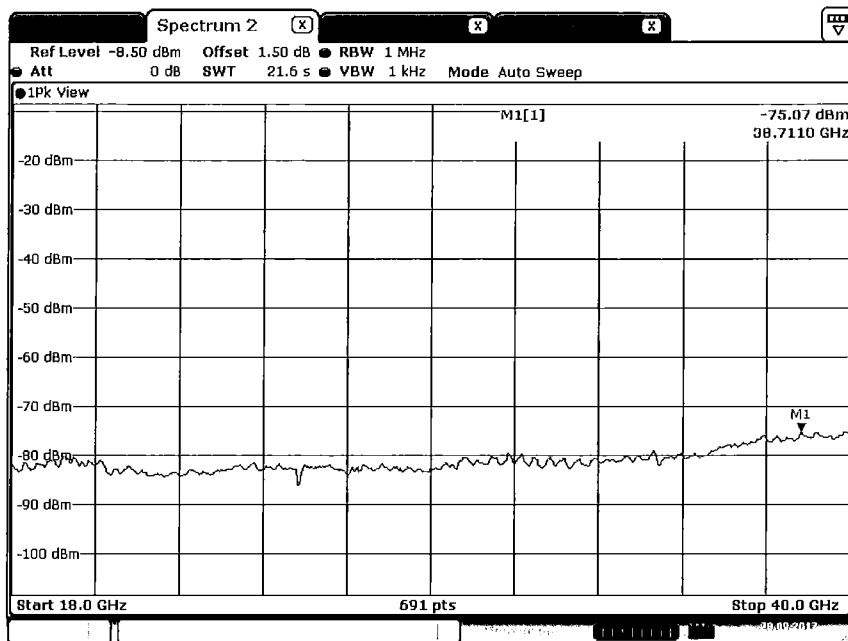
Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 28.SEP.2017 09:27:01

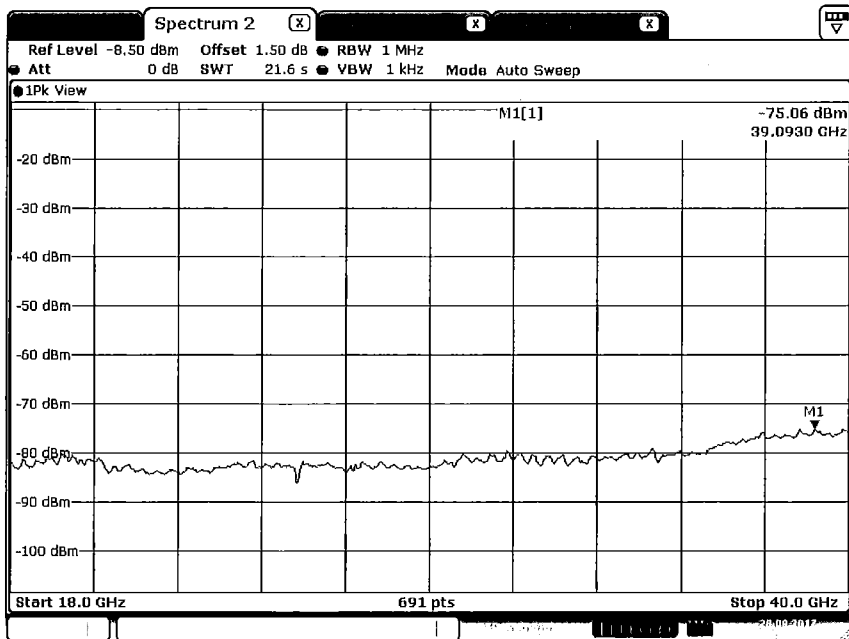


Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 1 / 18GHz~40GHz

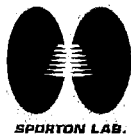


Date: 28.SEP.2017 09:29:04

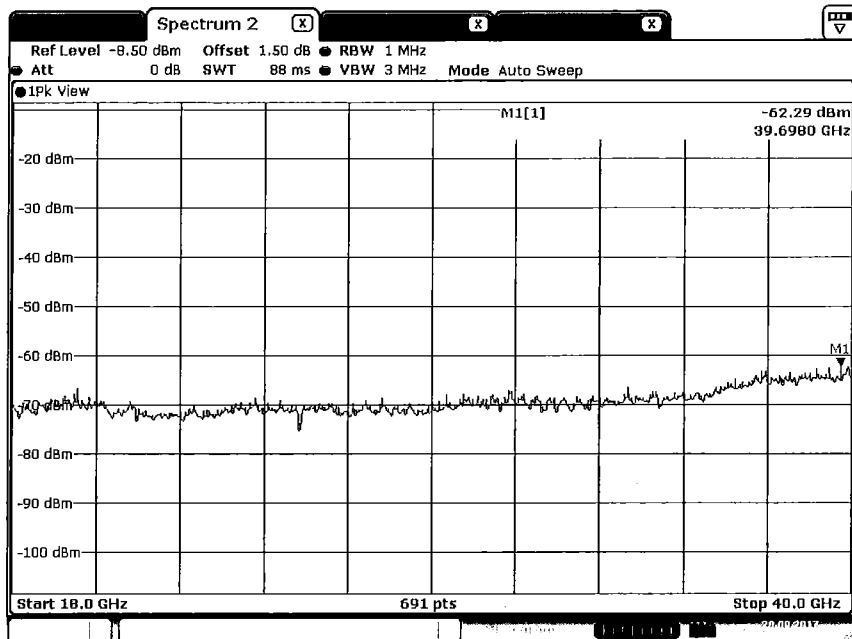
Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 2 / 18GHz~40GHz



Date: 28.SEP.2017 09:29:39

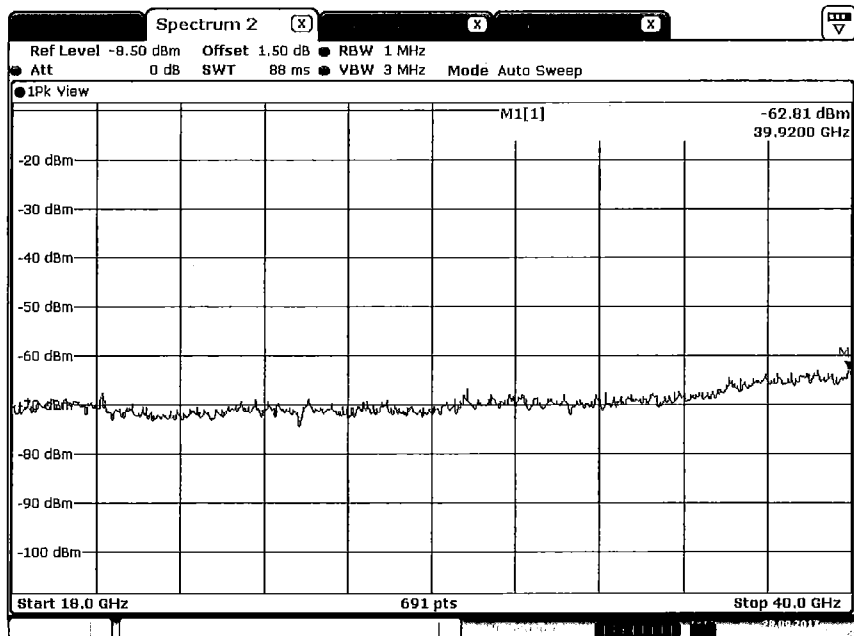


Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 28 SEP 2017 09:29:57

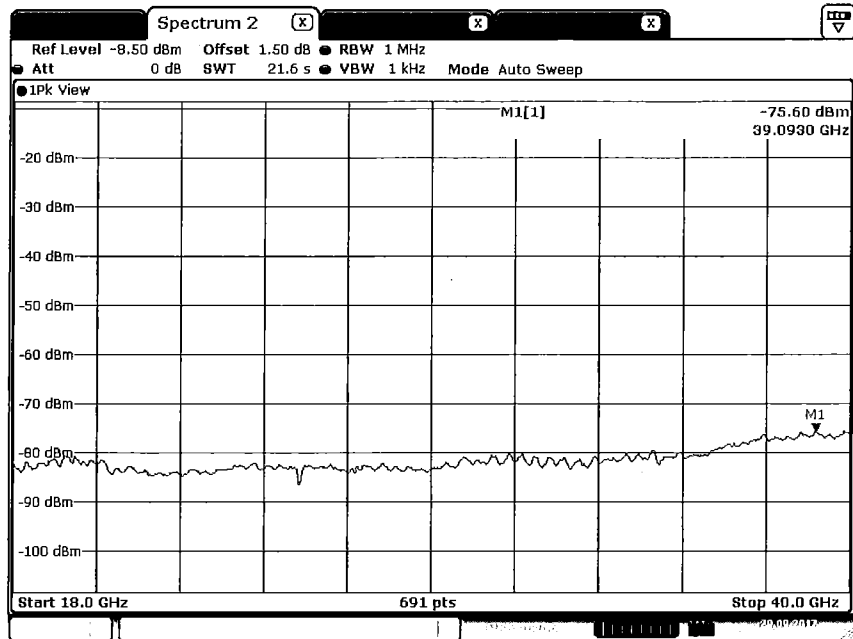
Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 28 SEP 2017 09:30:15

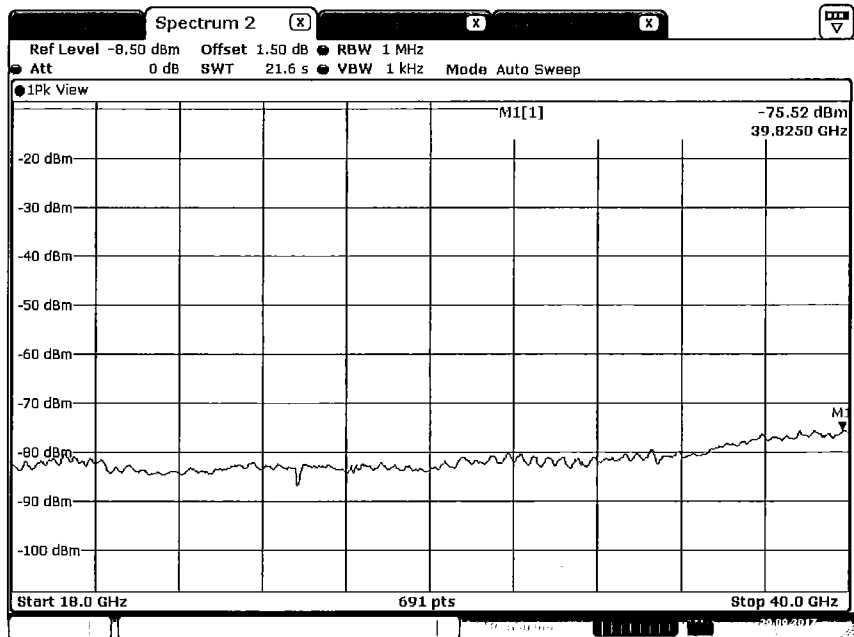


Plot on Configuration QPSK, 80M / 5765 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 10:49:04

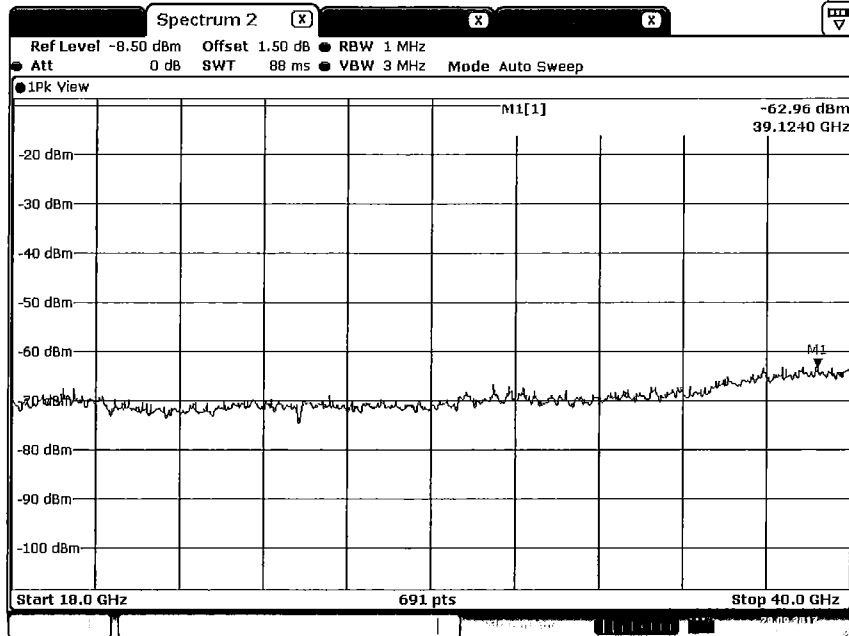
Plot on Configuration QPSK, 80M / 5765 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 10:50:16

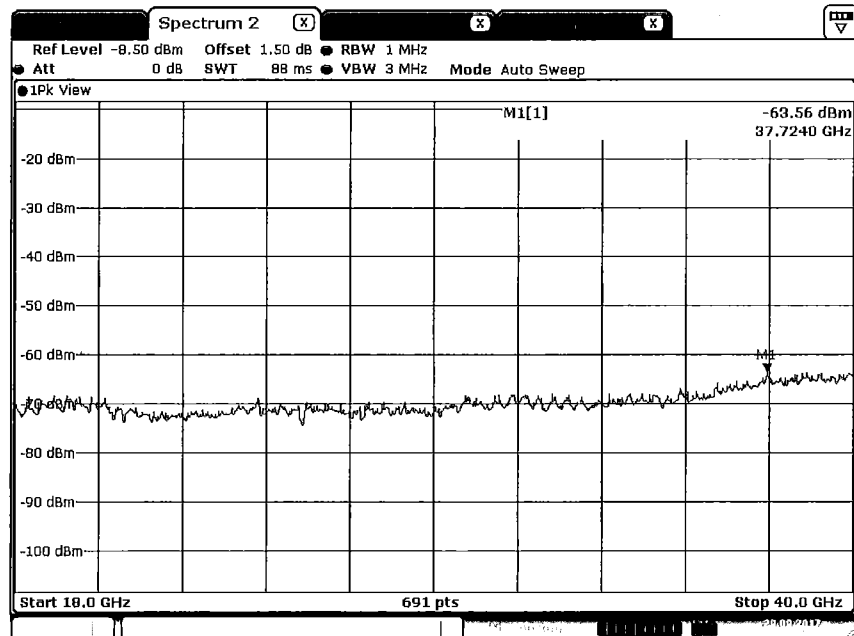


Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 10:50:44

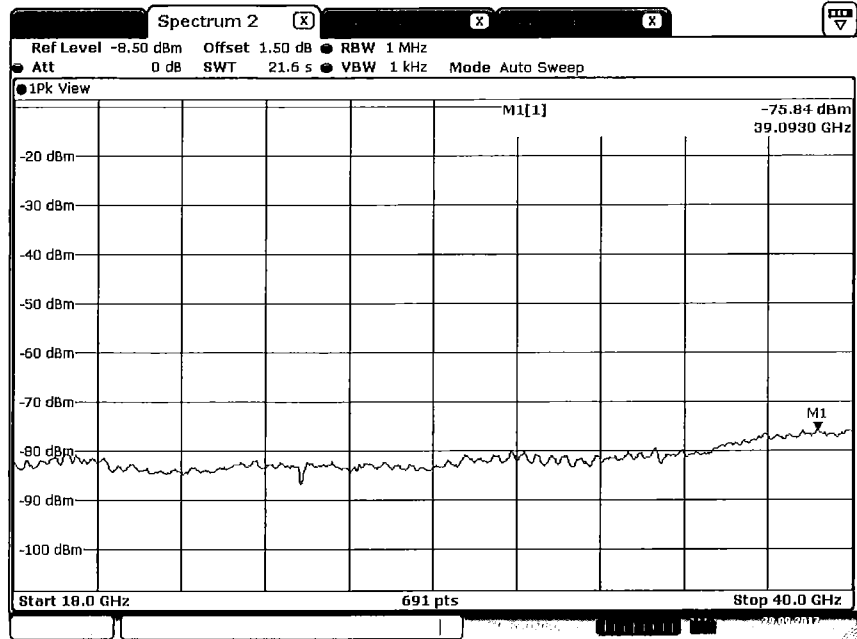
Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 10:51:03

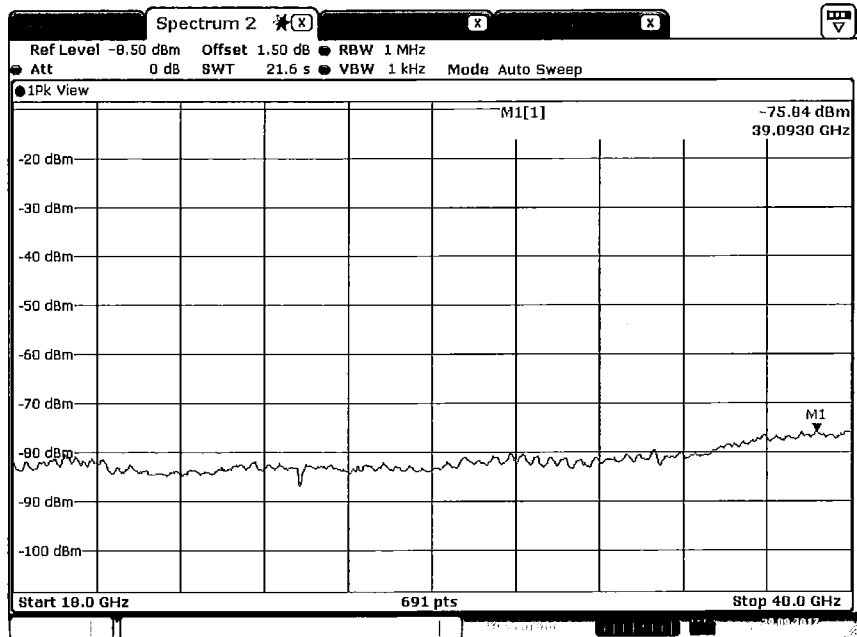


Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29.SEP.2017 10:51:54

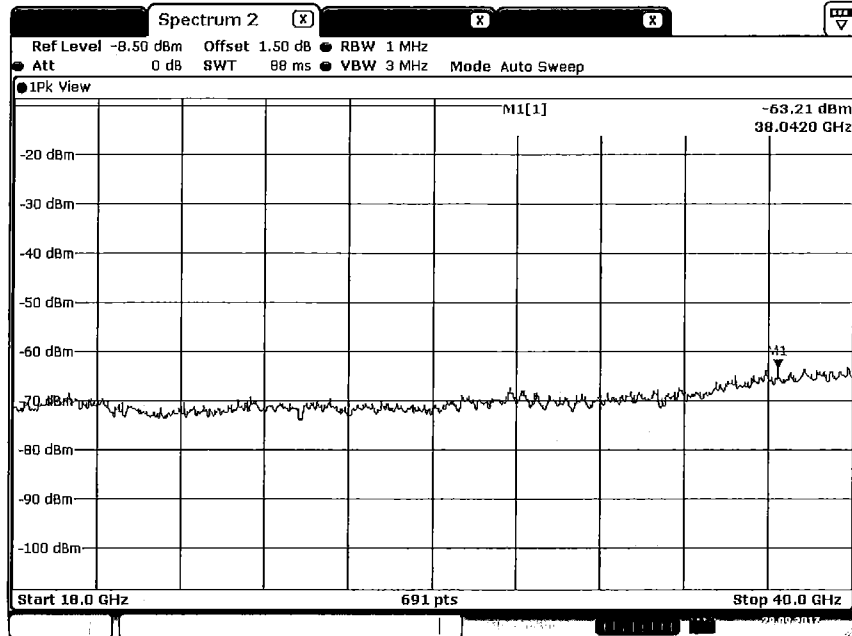
Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29.SEP.2017 10:52:21

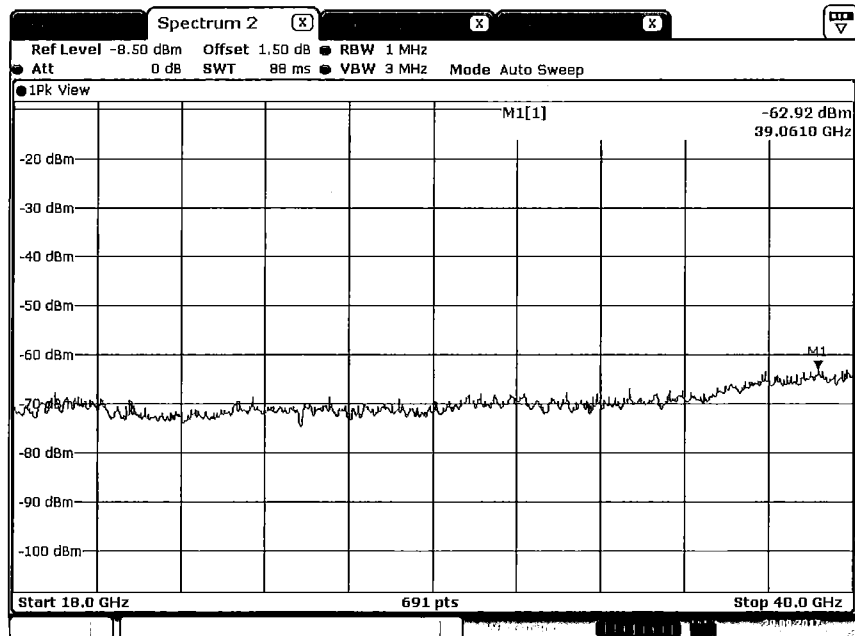


Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29-SEP-2017 10:52:43

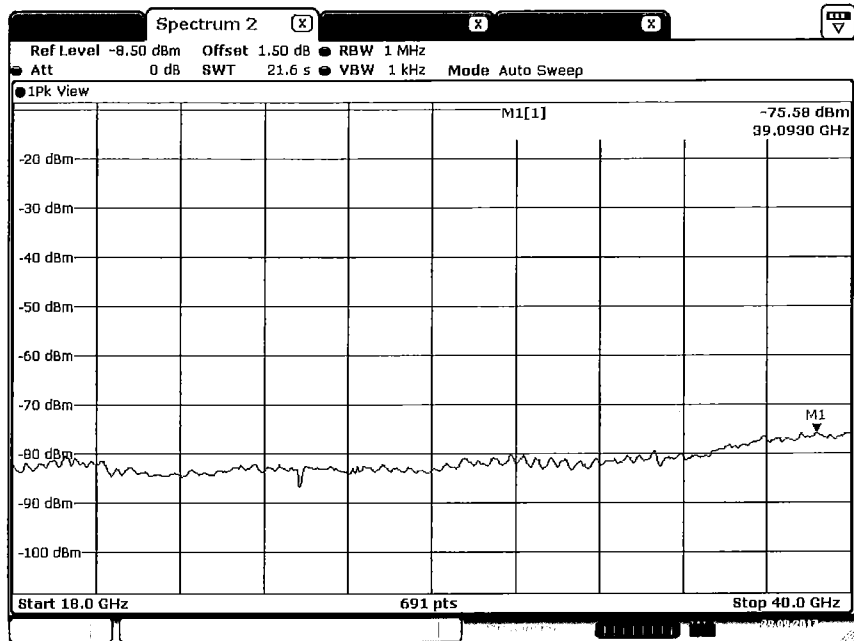
Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29-SEP-2017 10:53:02

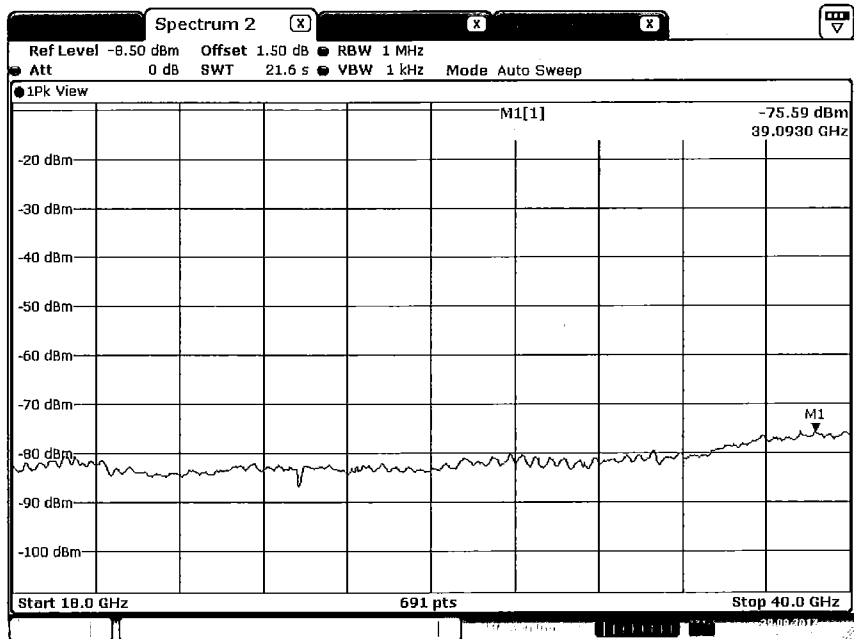


Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP. 2017 10:53:48

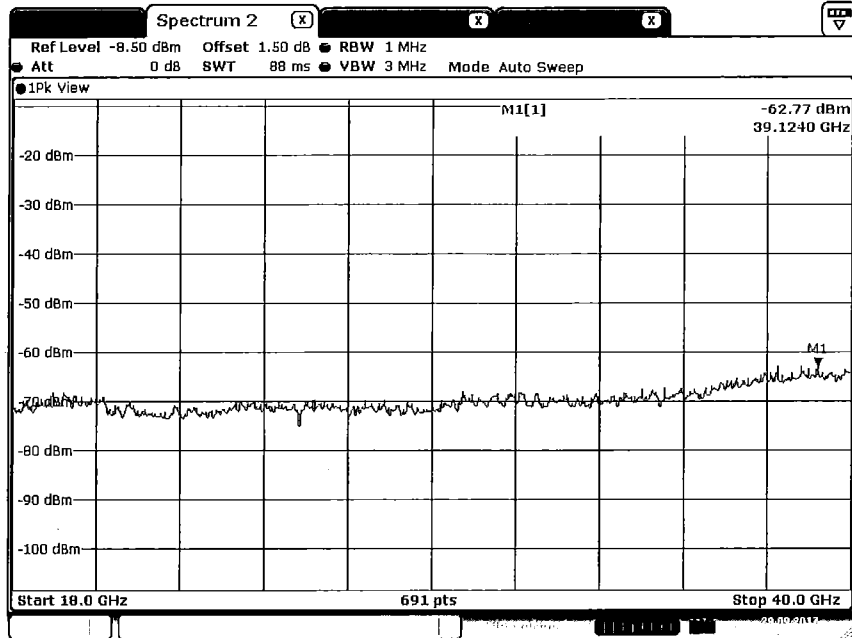
Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP. 2017 10:54:30

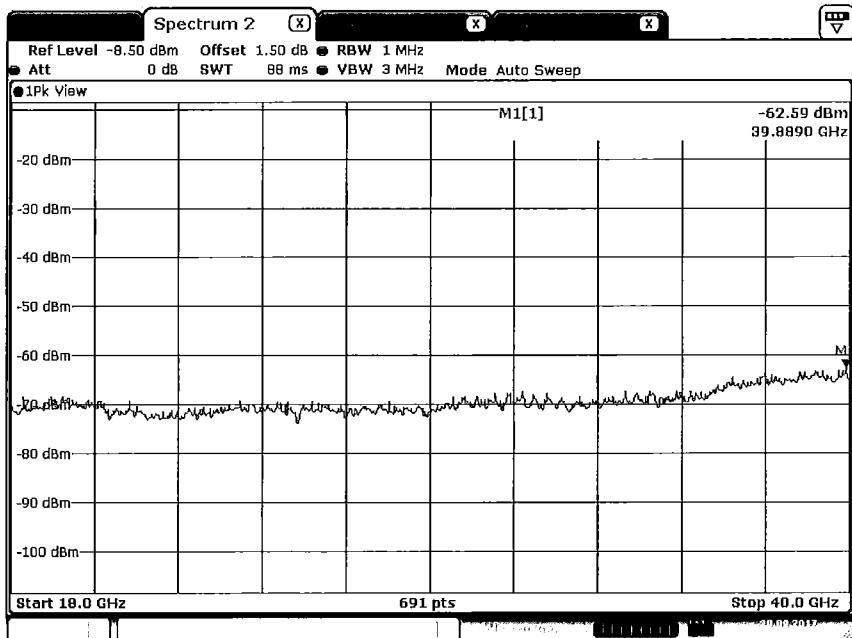


Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 10:54:52

Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 2 / 18GHz~40GHz

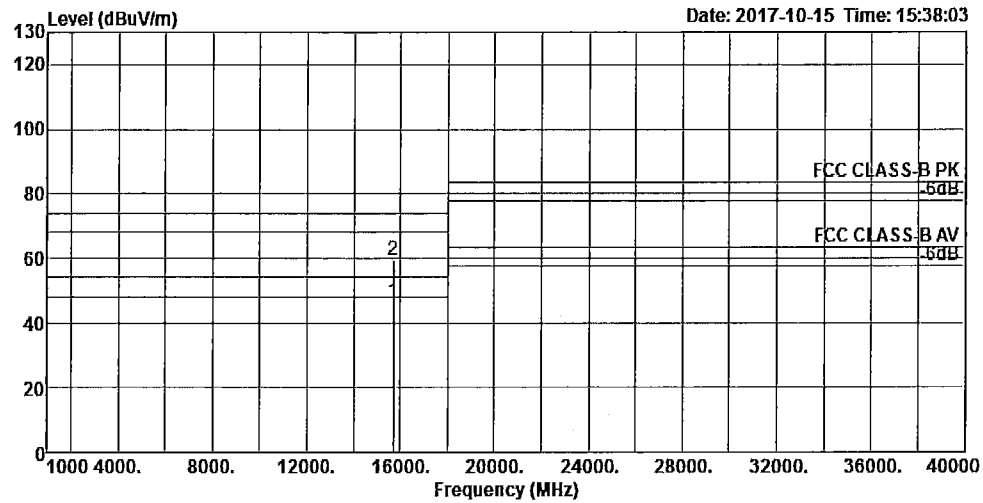


Date: 29 SEP 2017 10:55:36



For Cabinet test:

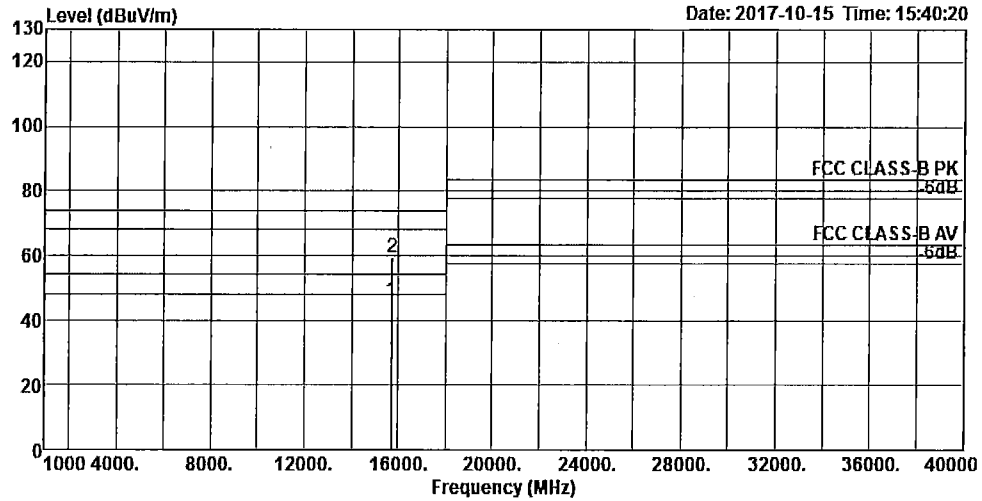
Polarization	Vertical
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	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15723.24	46.45	54.00	-7.55	28.30	15.25	37.85	34.95	148	342 Average	VERTICAL
2	15723.24	59.37	74.00	-14.63	41.22	15.25	37.85	34.95	148	342 Peak	VERTICAL



Polarization	Horizontal
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	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15728.34	45.84	54.00	-8.16	27.69	15.25	37.85	34.95	245	143	Average	HORIZONTAL
2	15734.70	59.26	74.00	-14.74	41.11	15.25	37.85	34.95	245	143	Peak	HORIZONTAL

4.7. Band Edge Emissions Measurement

4.7.1. Limit

For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.7.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RBW / VBW (Emission in restricted band)	1 MHz / 3MHz for Peak, 1 MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1 MHz / 3MHz for Peak

4.7.3. Test Procedures

The test procedure is the same as section 4.5.3.

4.7.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.