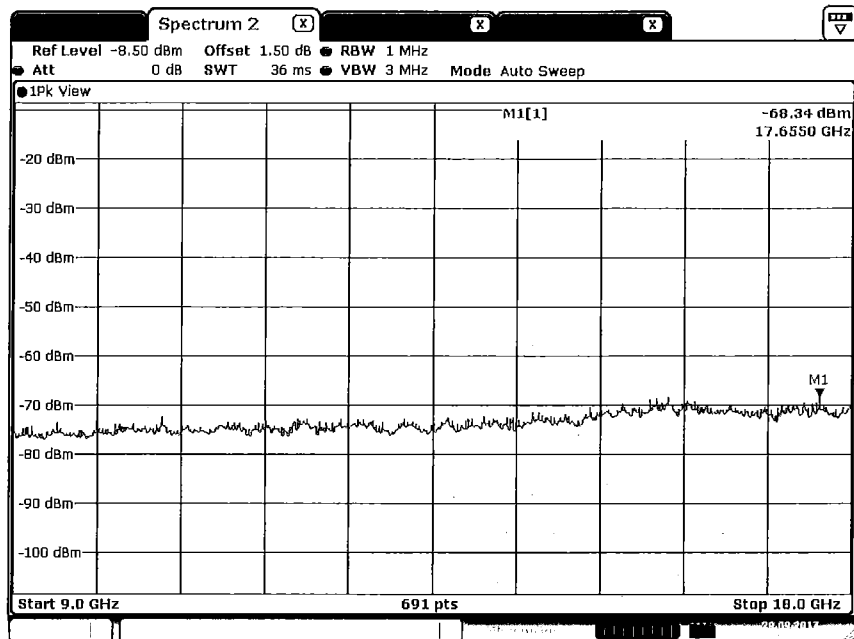


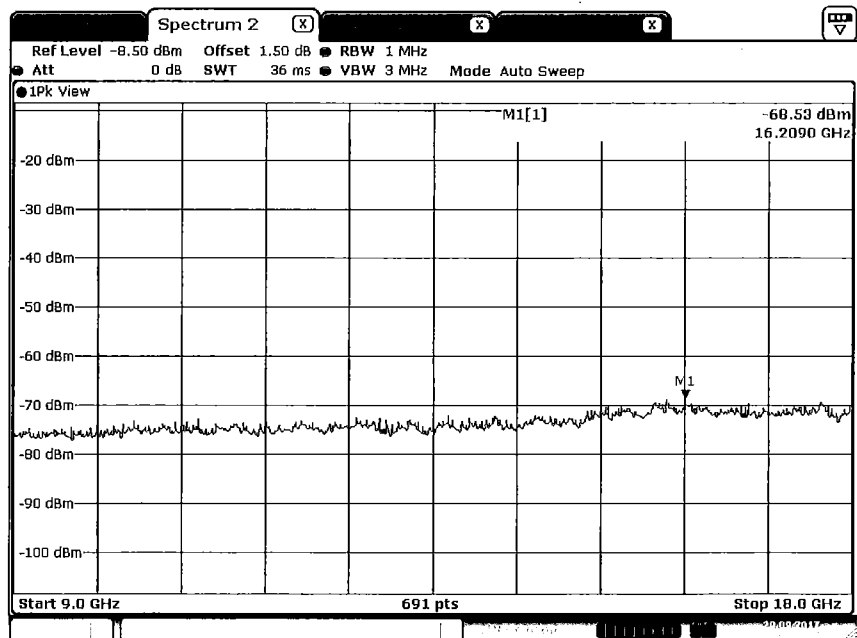


Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 1 / 9GHz~18GHz

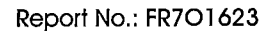


Date: 29 SEP 2017 16:52:47

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



Date: 29 SEP 2017 16:53:02



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
- Cursor:** 1Pk Max
- Frequency Range:** Start 9.0 GHz, Stop 18.0 GHz, 691 pts
- Y-axis (Power):** -100 dBm to -20 dBm
- Peak Data:** M1[1] at -80.59 dBm, 16.0140 GHz

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 View

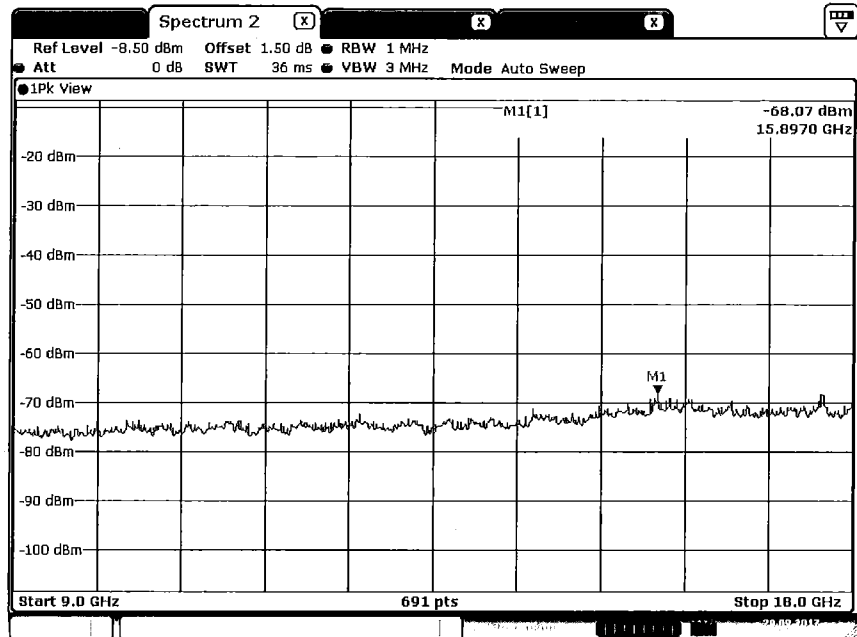
M1[1] -80.65 dBm
 16.0140 GHz

Start 9.0 GHz 691 pts Stop 18.0 GHz

Issued Date : Nov. 06, 2017

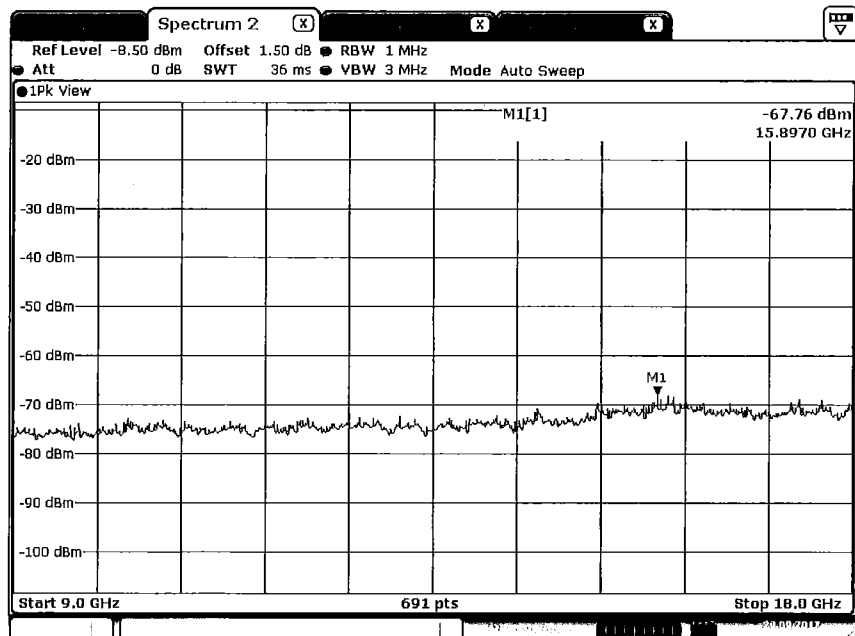


Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 16:55:31

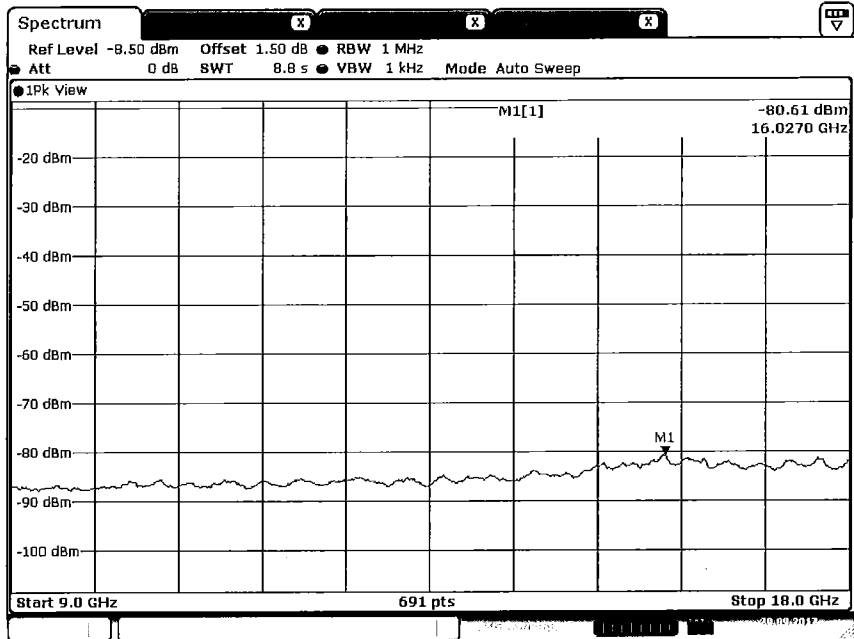
Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 16:55:46

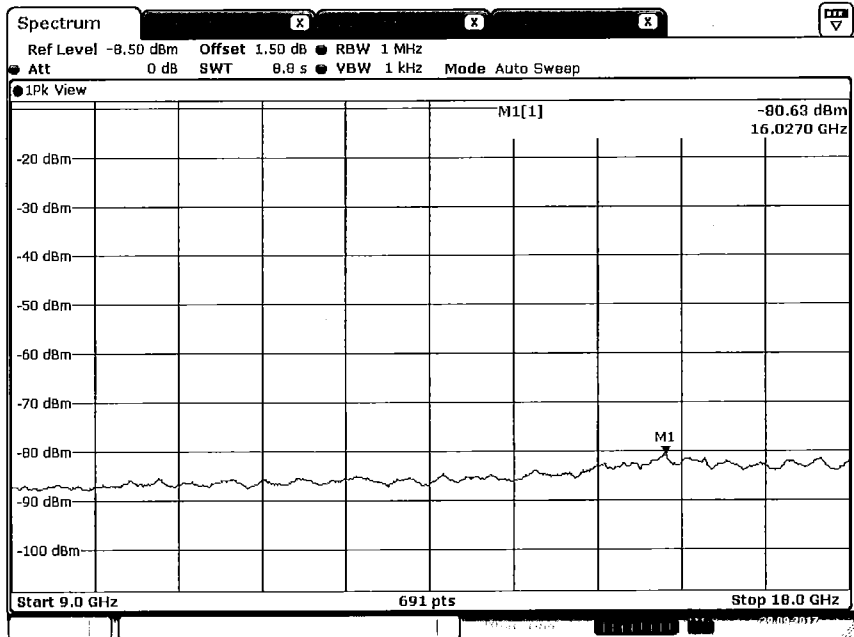


Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 23:18:22

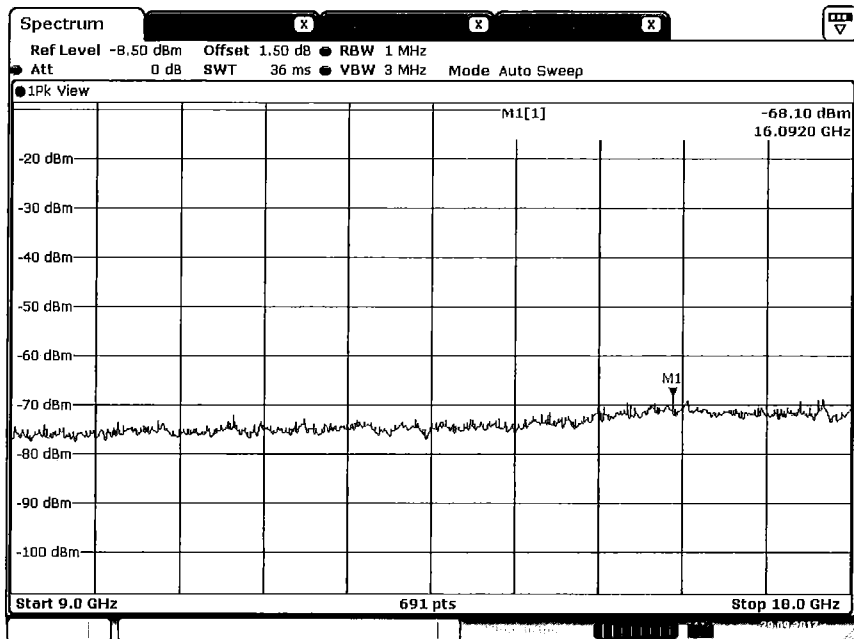
Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 23:18:46

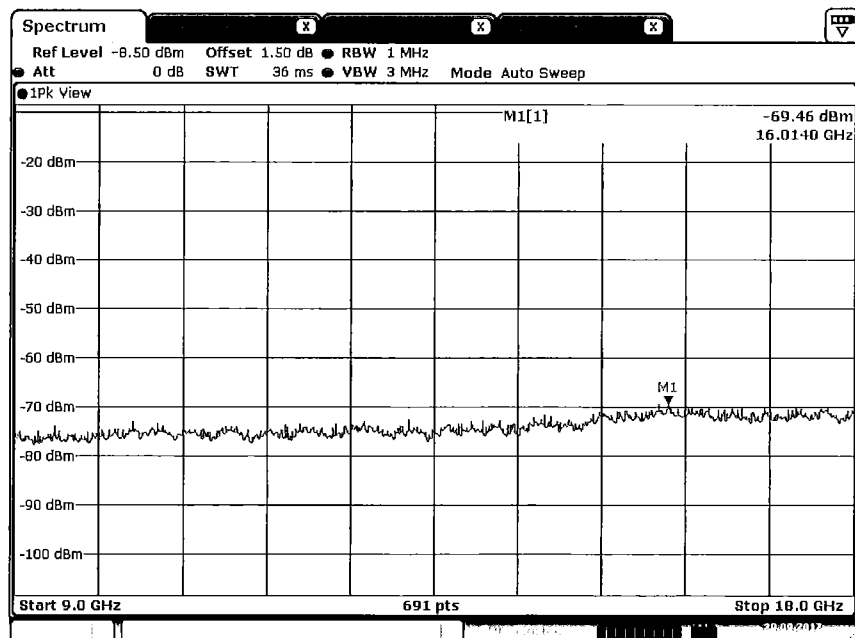


Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 23:22:49

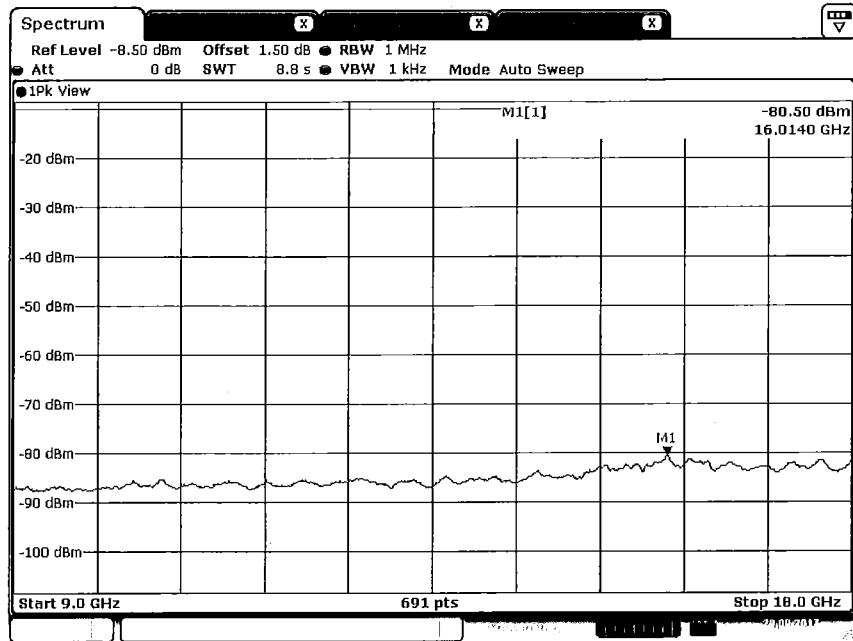
Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 23:20:34

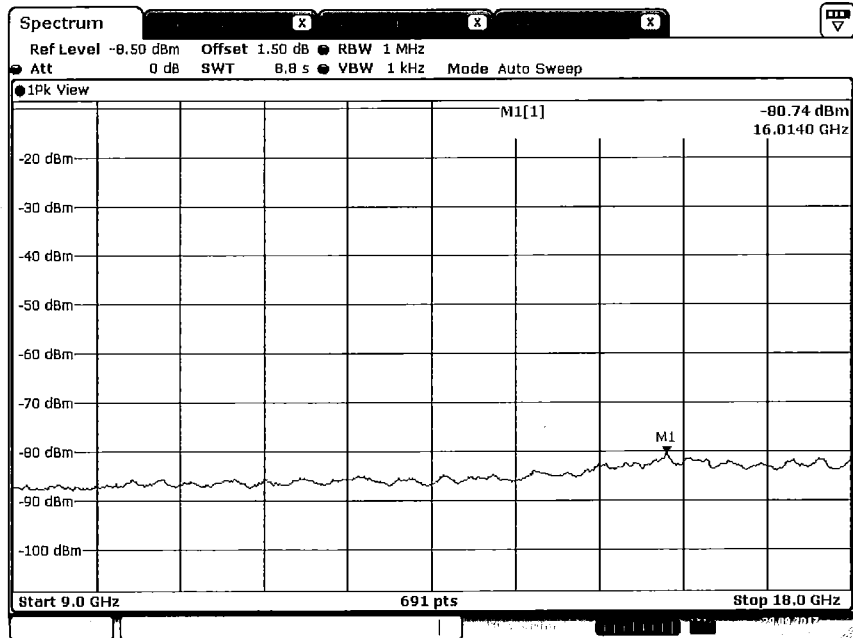


Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP. 2017 23:19:17

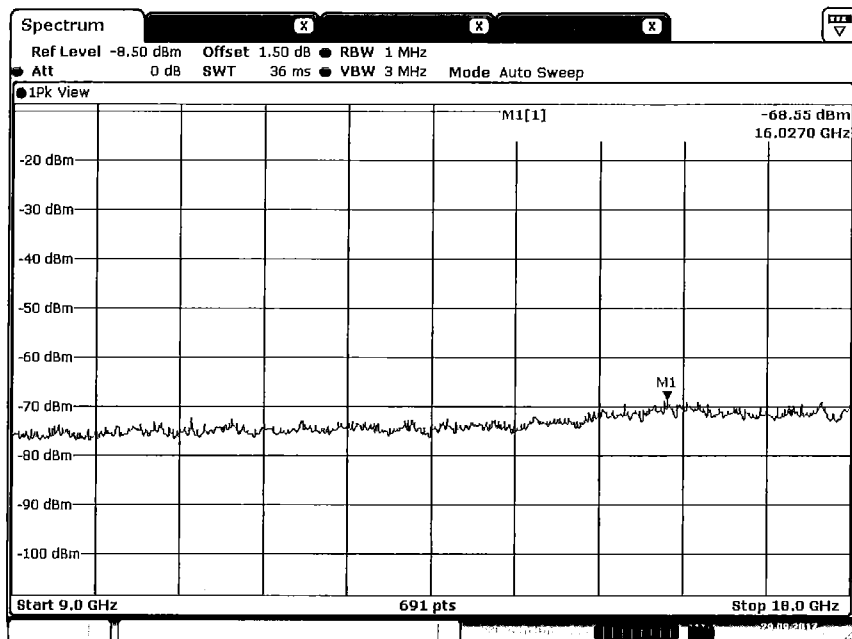
Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP. 2017 23:19:50

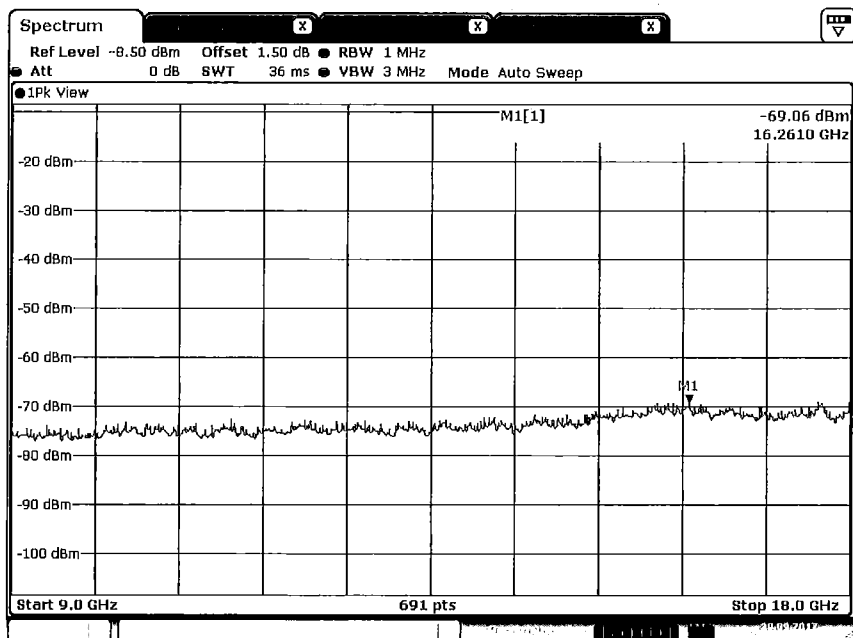


Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 23:21:01

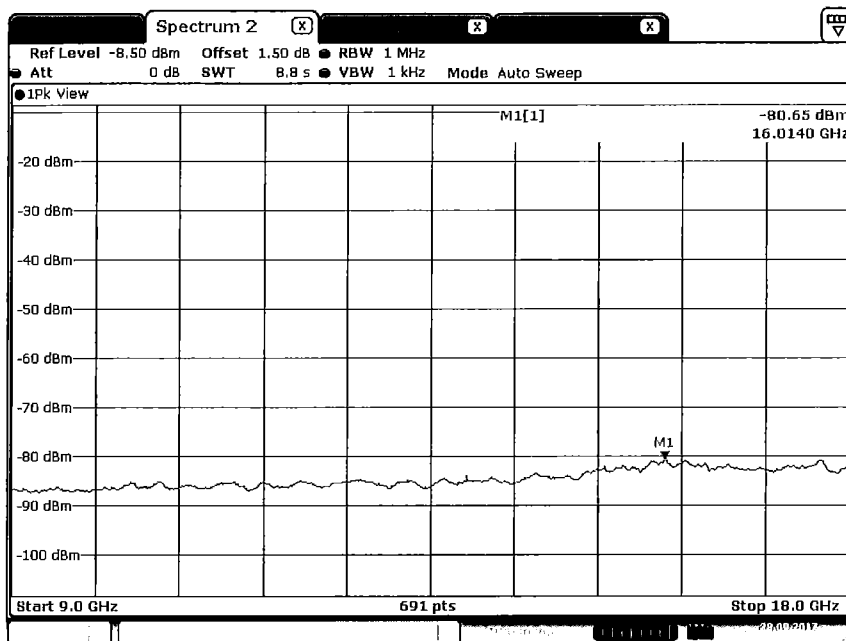
Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 23:21:21

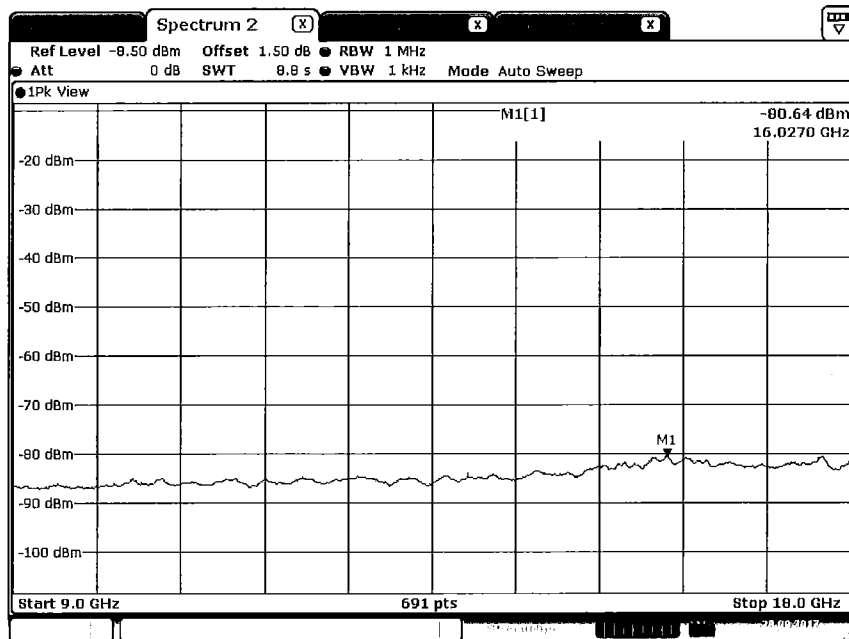


Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 1 / 9GHz~18GHz



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

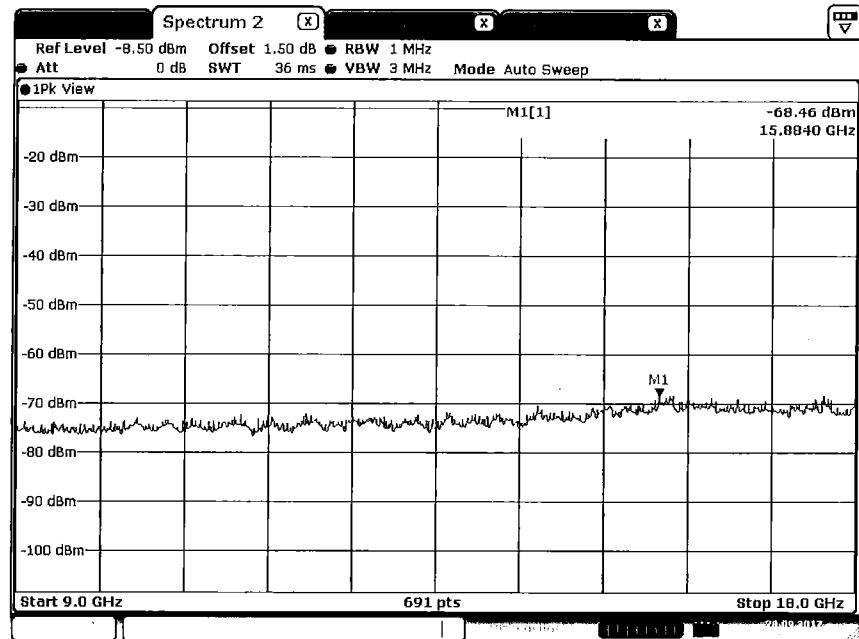
Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 2 / 9GHz~18GHz



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

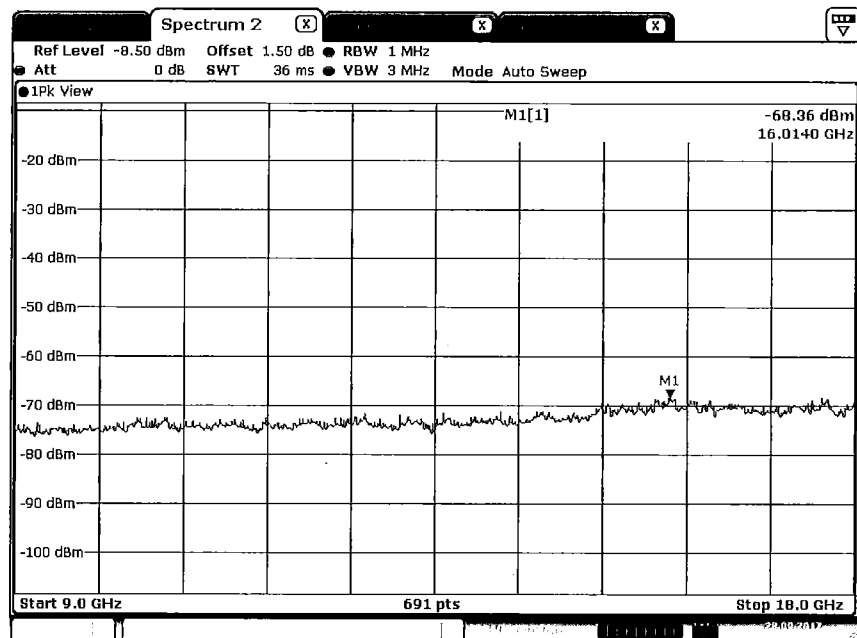


Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:15:29

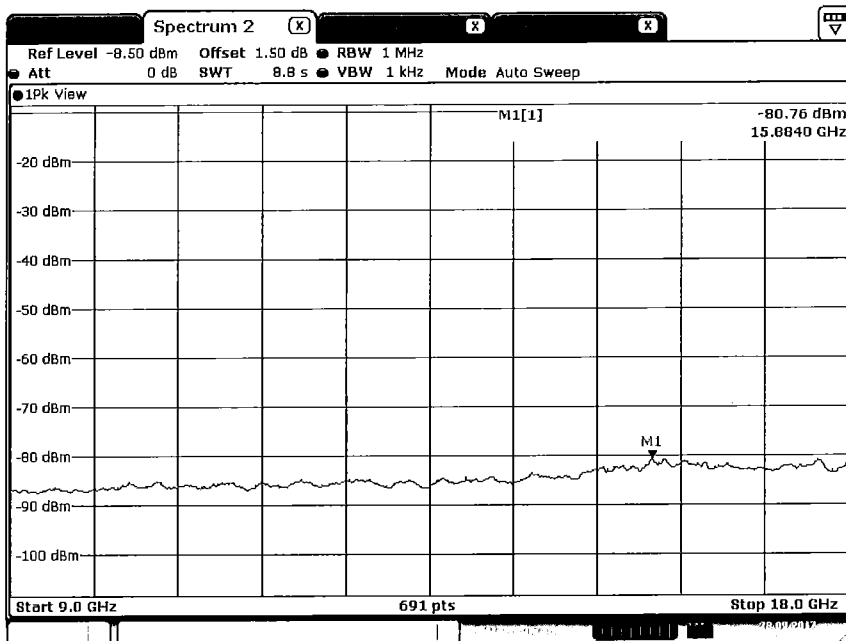
Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:15:54

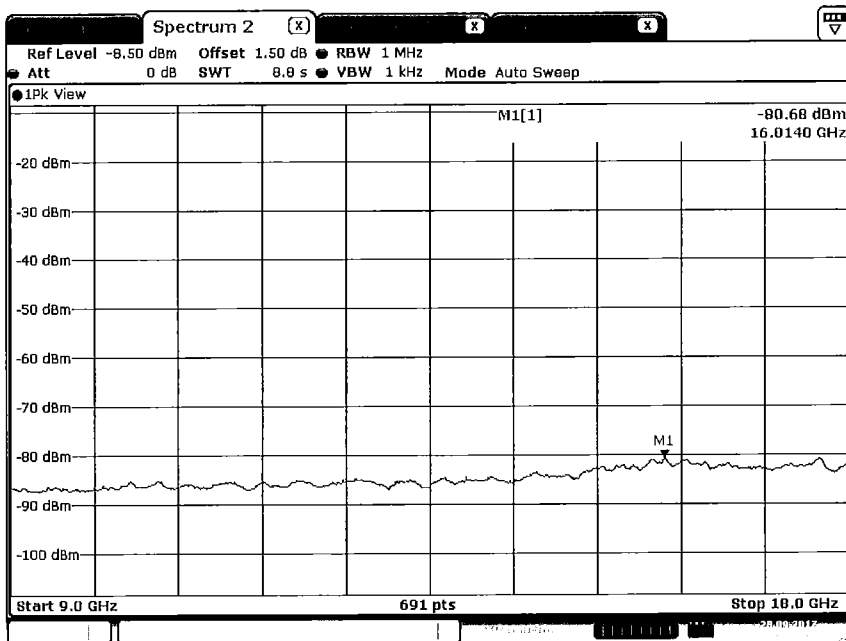


Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:16:21

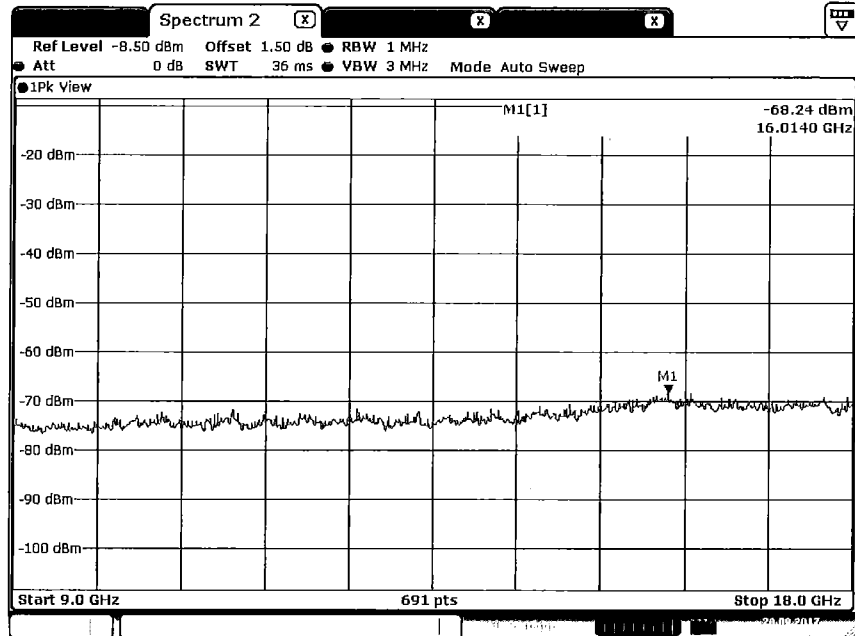
Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:16:43

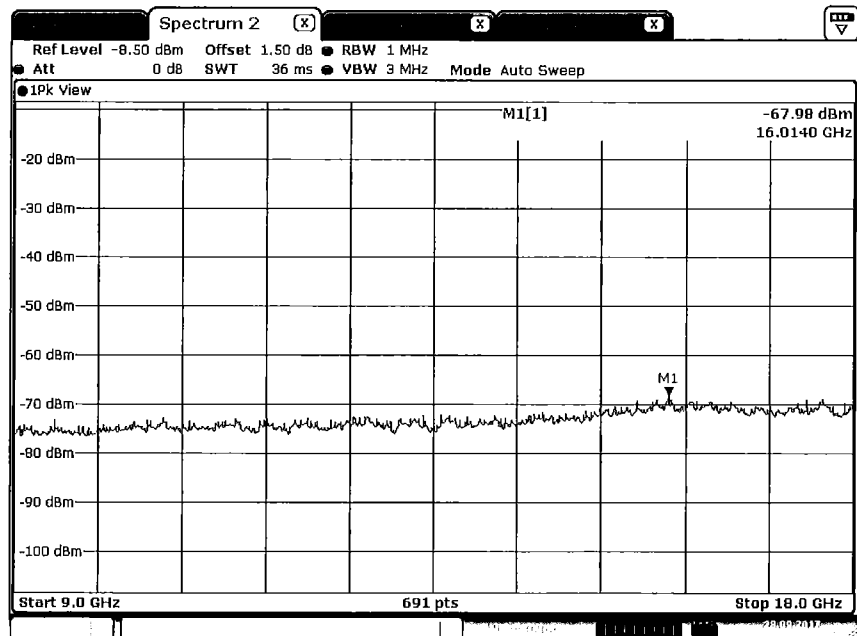


Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:17:03

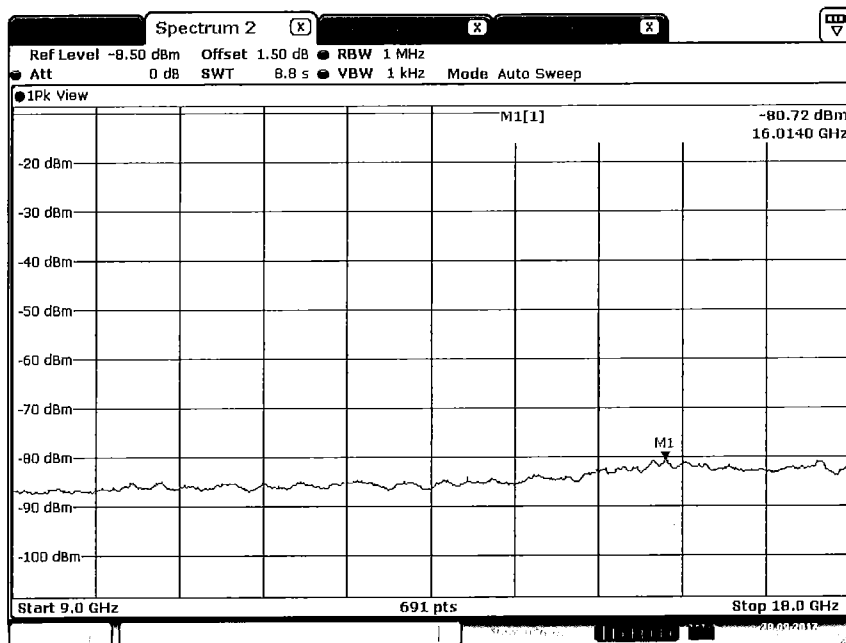
Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:17:24

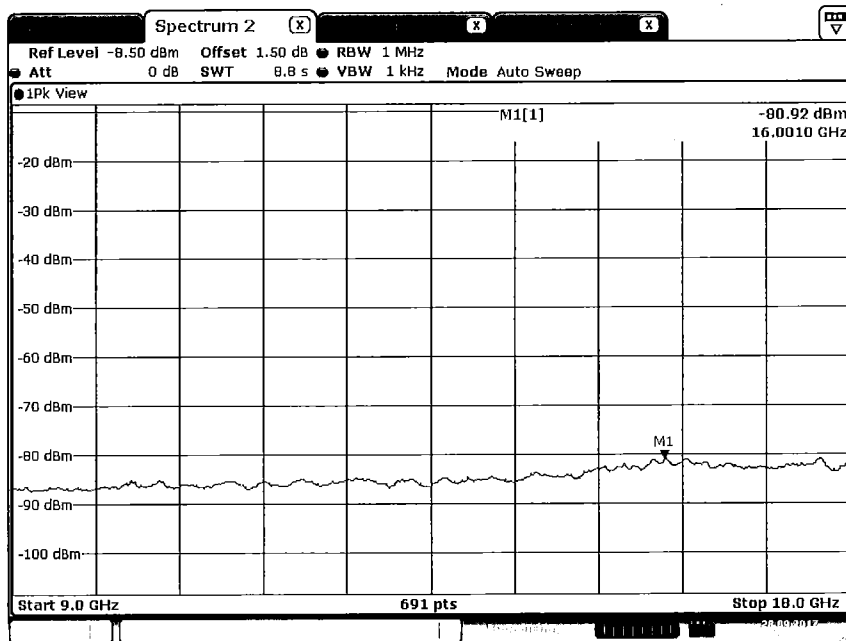


Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 1 / 9GHz~18GHz



Date: 28 SEP 2017 09:18:10

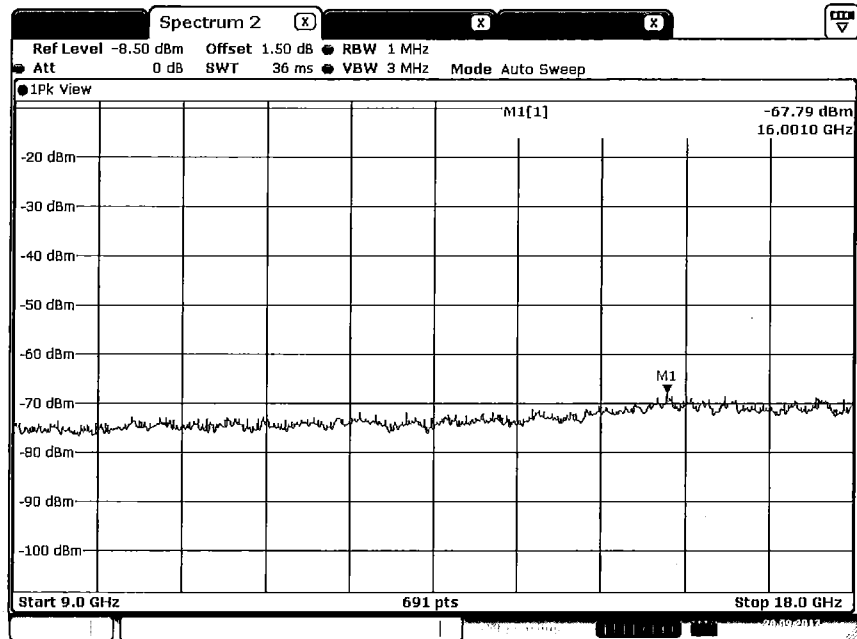
Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 2 / 9GHz~18GHz



Date: 28 SEP 2017 09:18:33

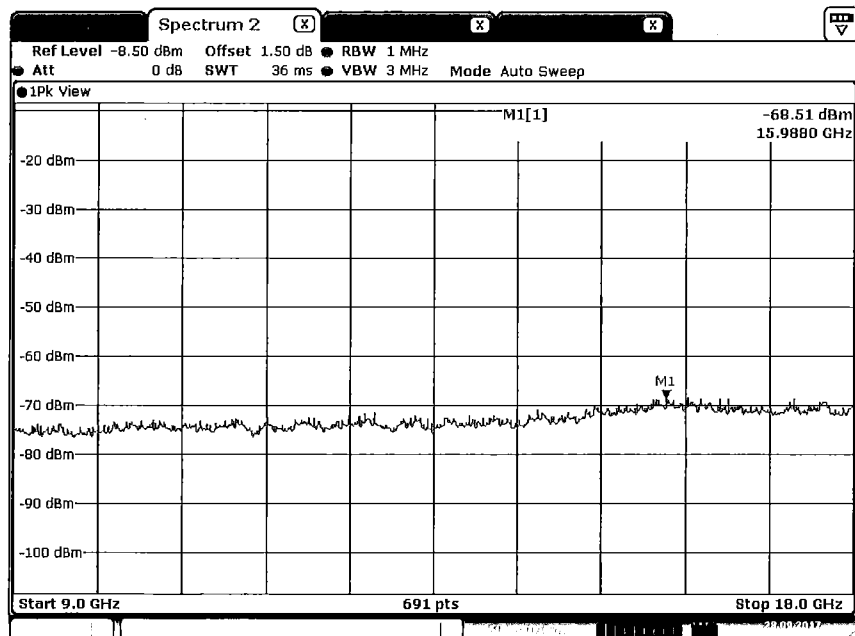


Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 1 / 9GHz~18GHz

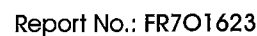


Date: 28 SEP 2017 09:19:10

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



Date: 28 SEP 2017 09:19:30



Spectrum 2

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

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 View

M1[1] -80.65 dBm
 16.0010 GHz

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

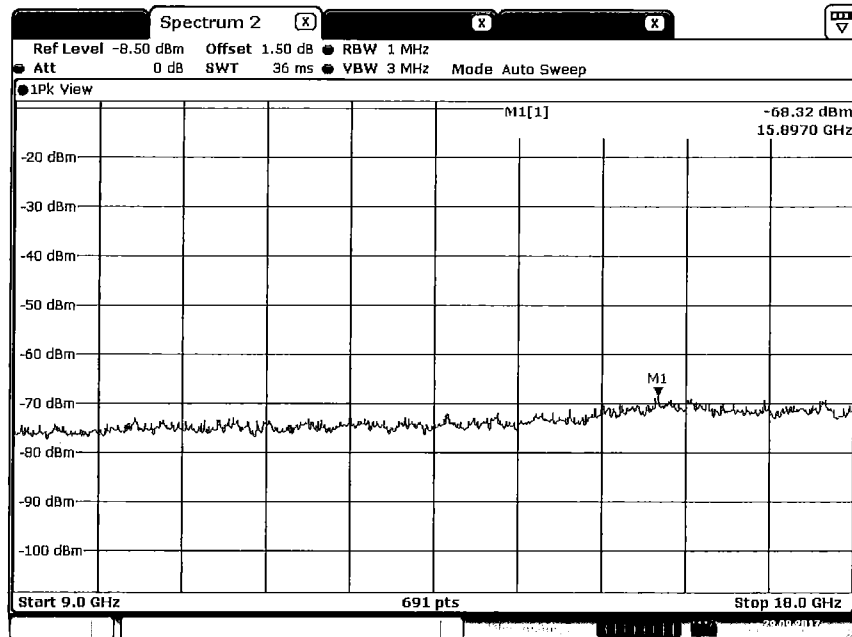
Start 9.0 GHz 691 pts Stop 18.0 GHz

20.08.2012

Date: 29 SEP 2017 10:42:59

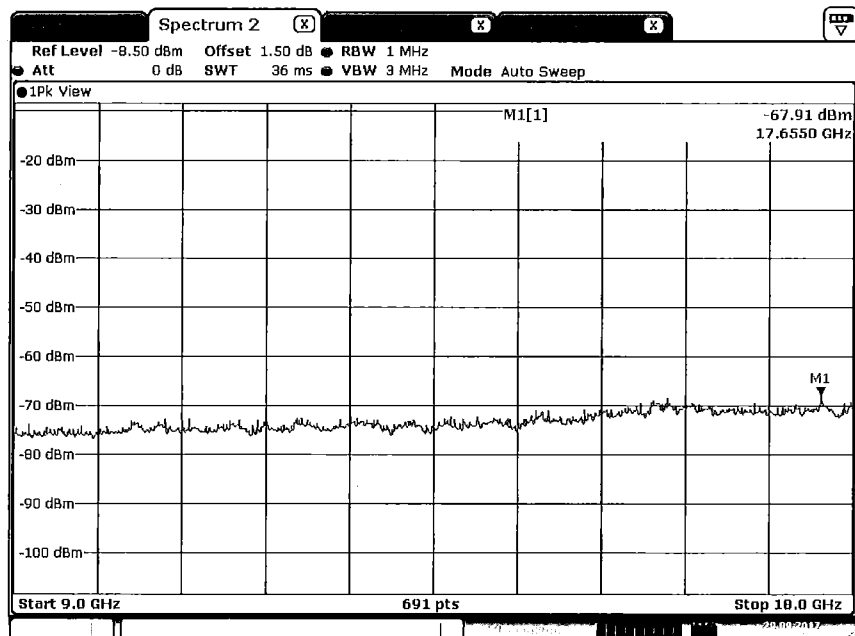


Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:43:17

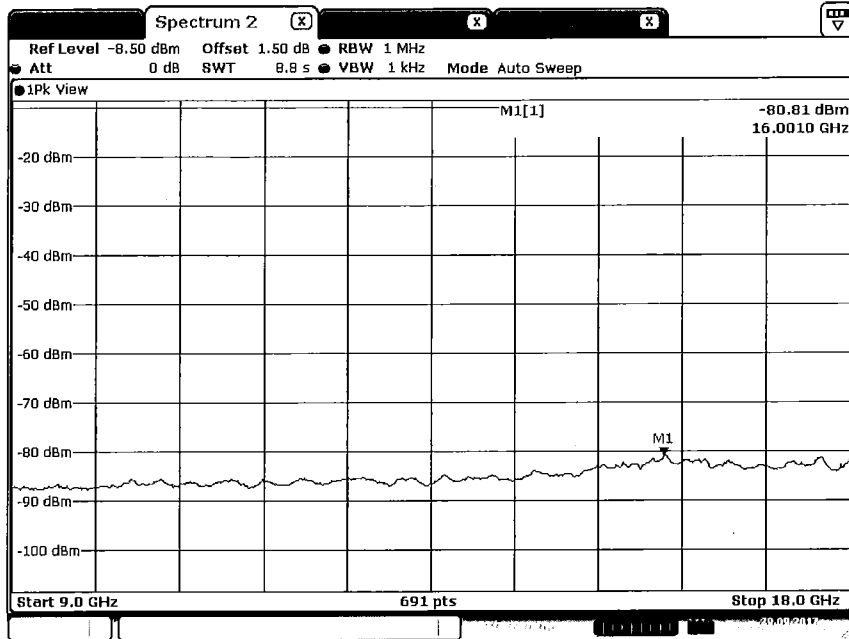
Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:43:38

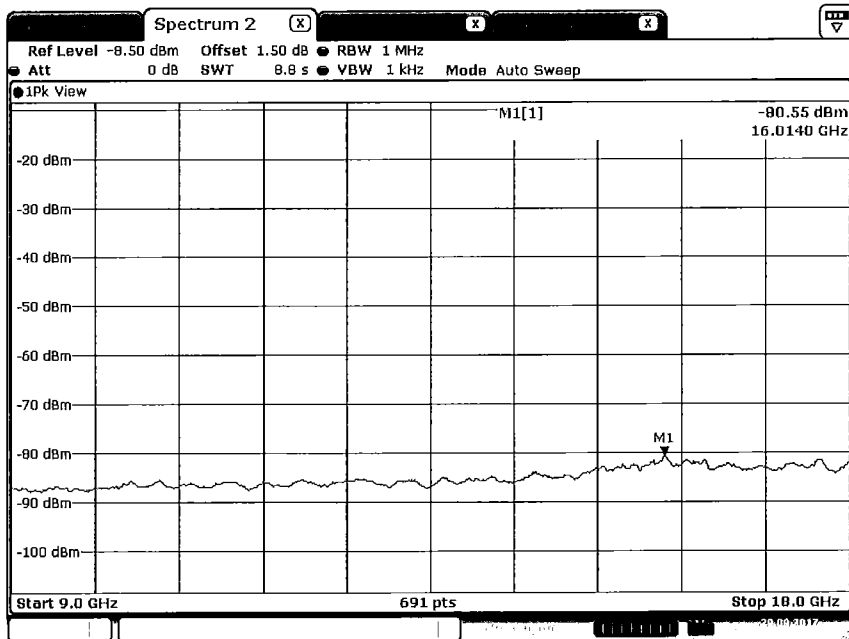


Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29.SEP.2017 10:44:07

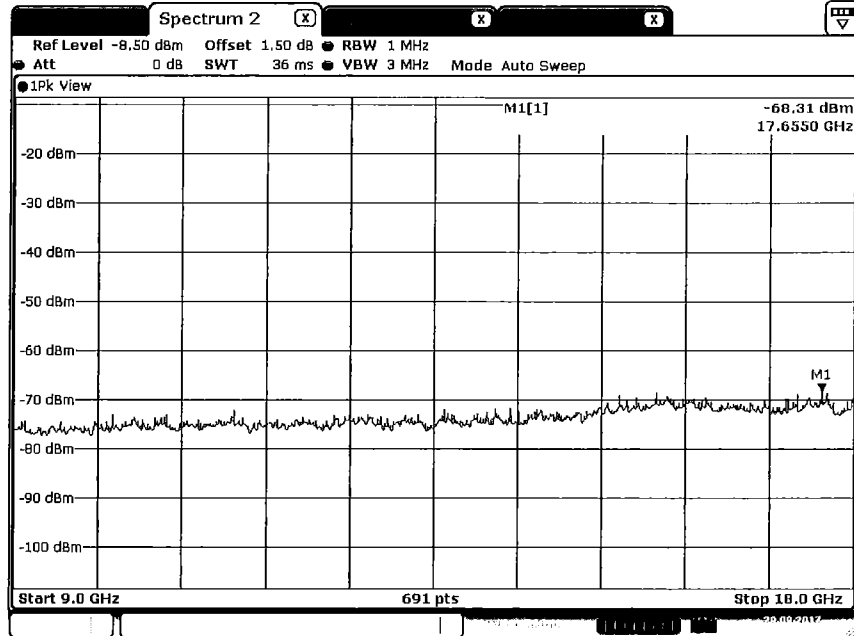
Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29.SEP.2017 10:44:38

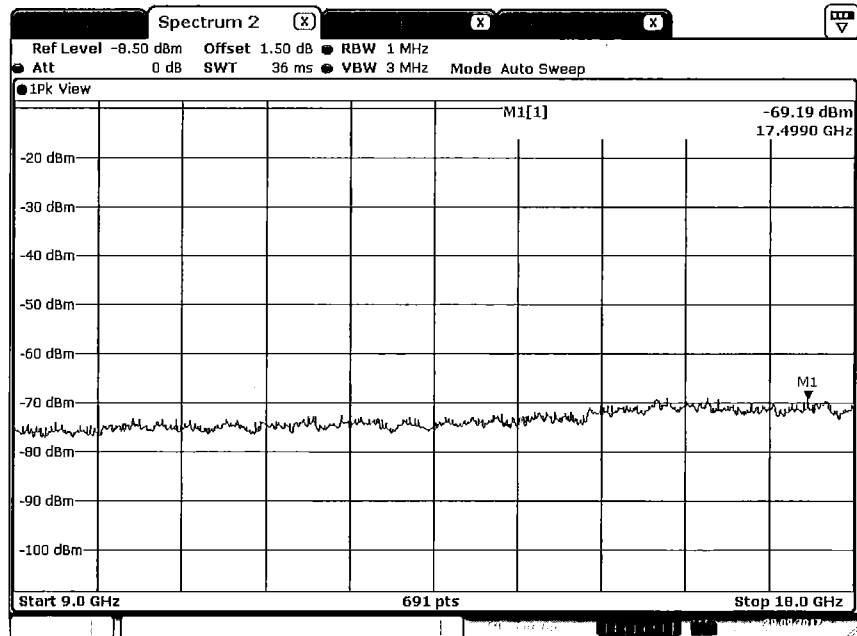


Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:45:00

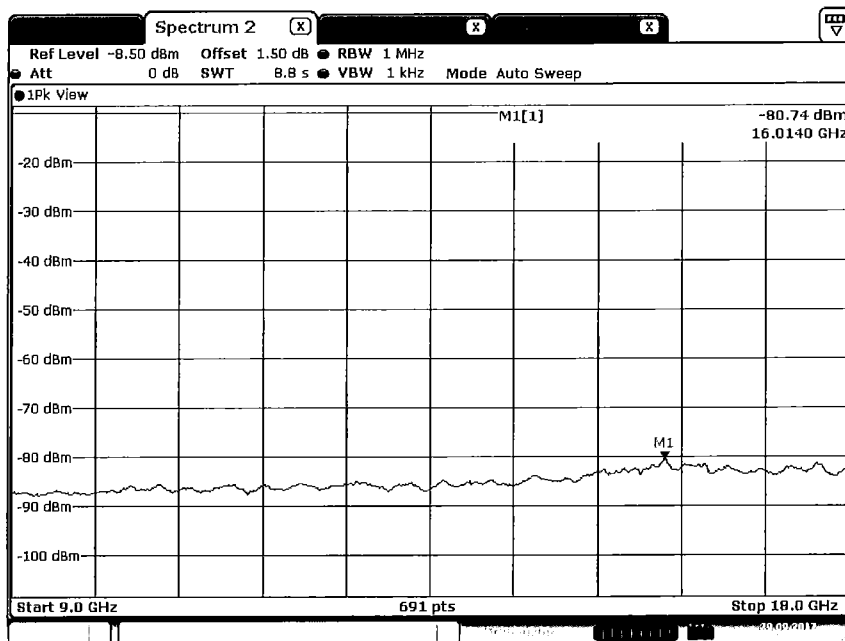
Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:45:28

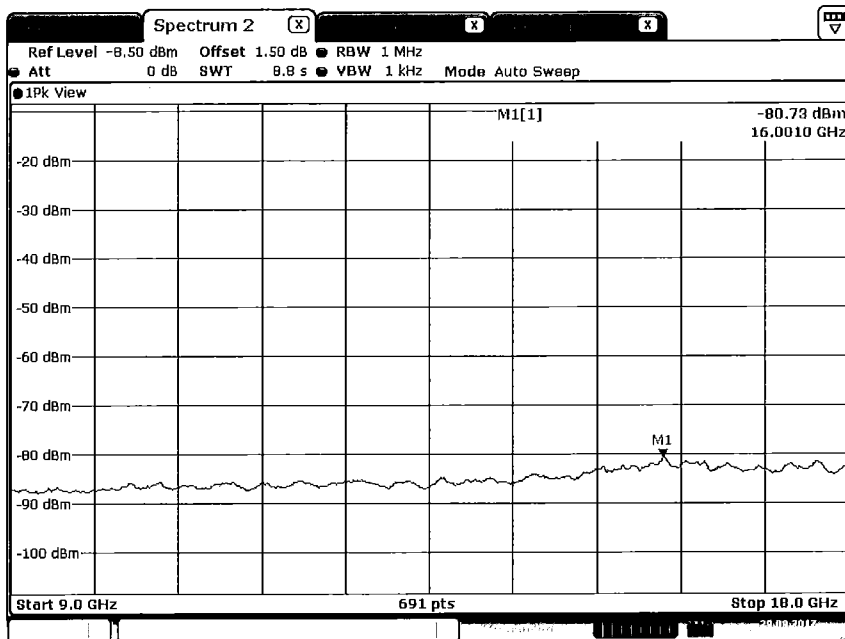


Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:46:20

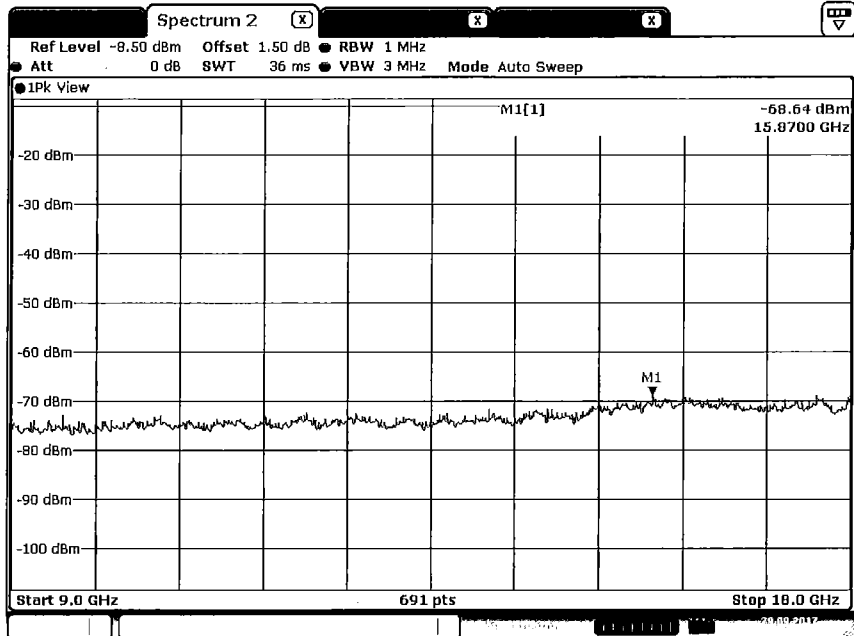
Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:46:50

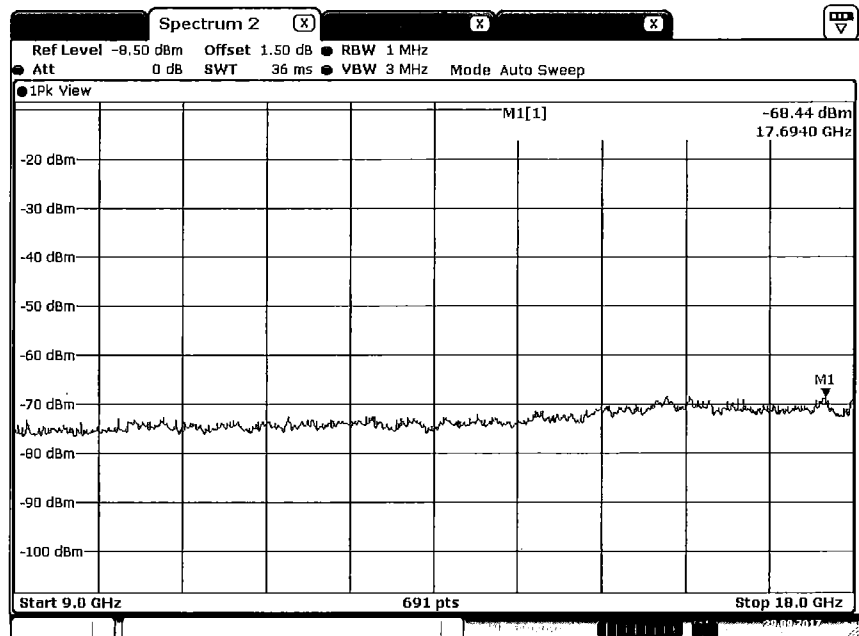


Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 1 / 9GHz~18GHz



Date: 29 SEP 2017 10:47:12

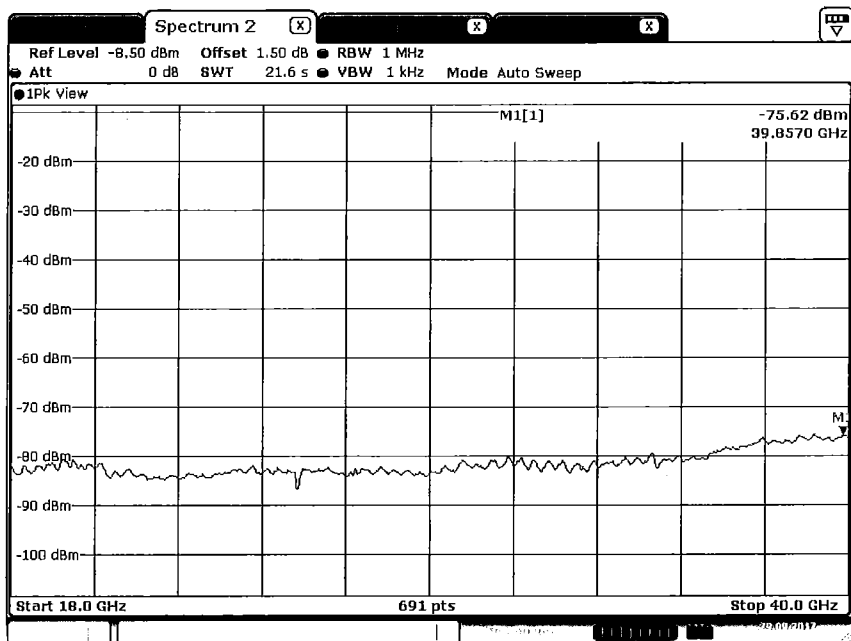
Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 2 / 9GHz~18GHz



Date: 29 SEP 2017 10:47:34

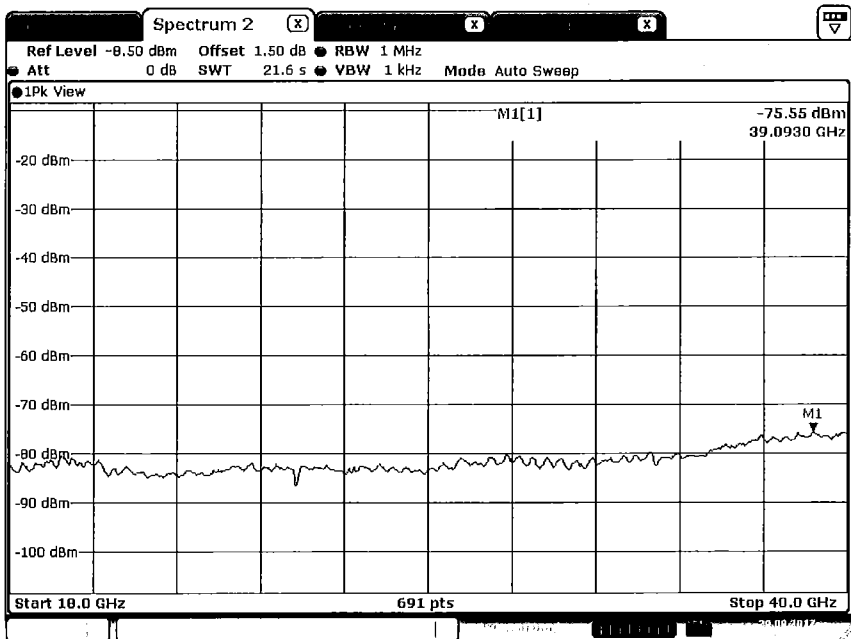


Plot on Configuration QPSK, 20M / 5180 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 16:57:31

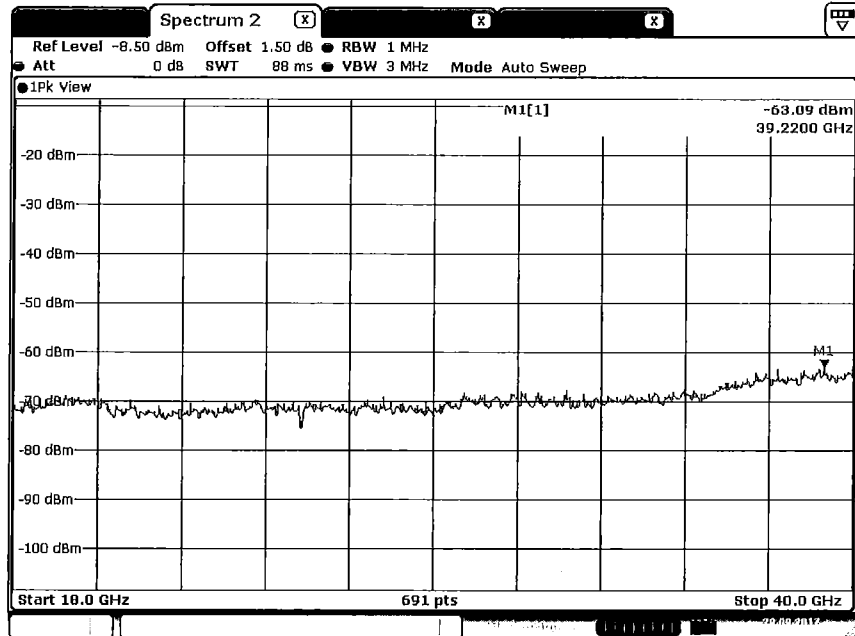
Plot on Configuration QPSK, 20M / 5180 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 16:58:12

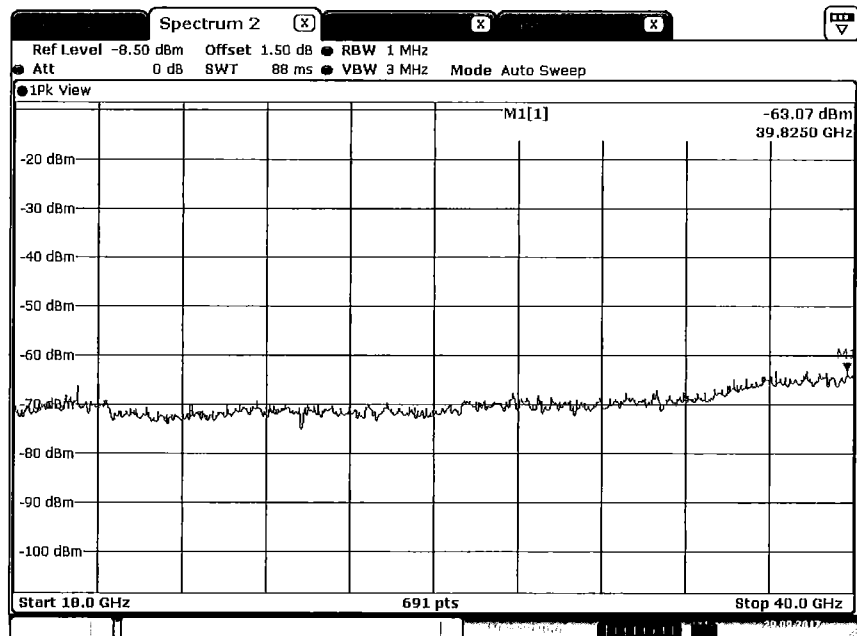


Plot on Configuration QPSK, 20M / 5180 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29.SEP.2017 16:58:29

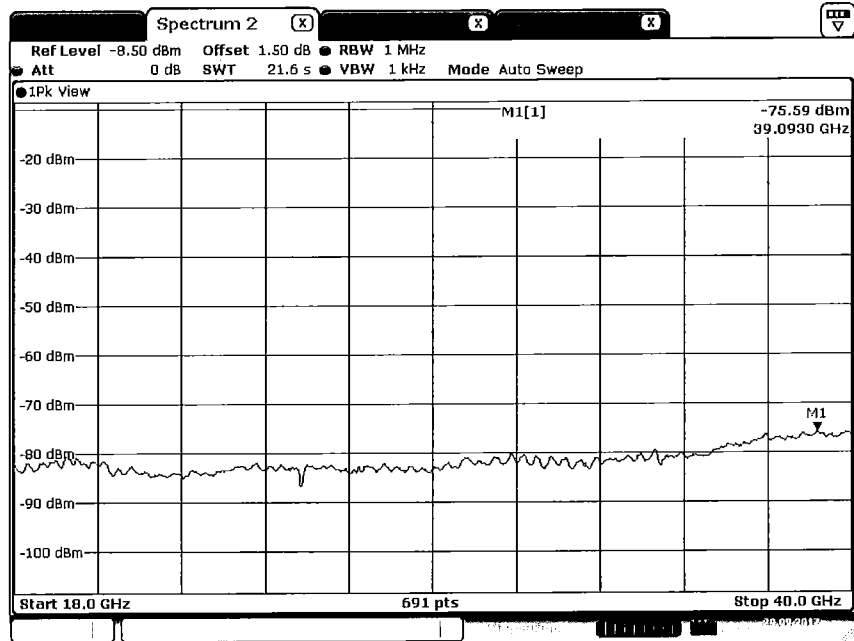
Plot on Configuration QPSK, 20M / 5180 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29.SEP.2017 17:01:31

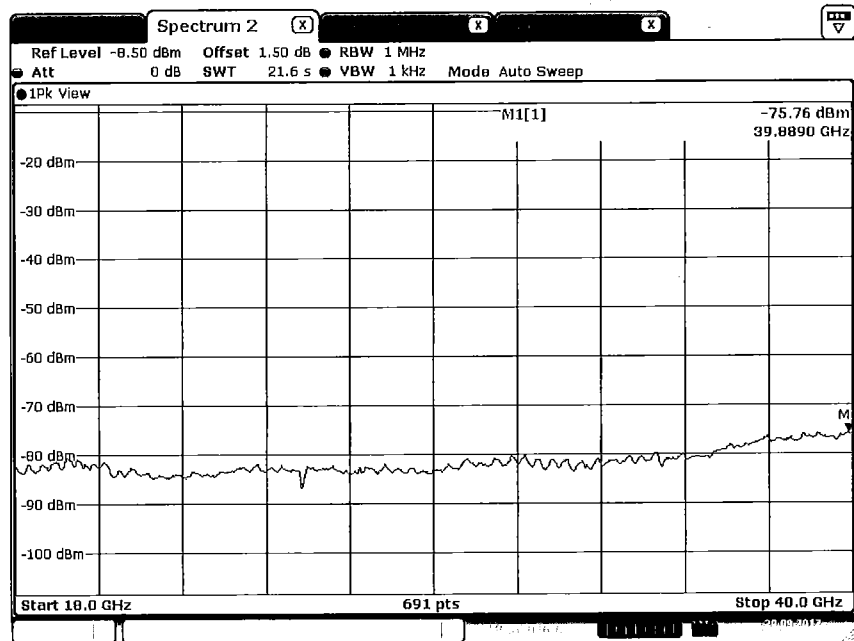


Plot on Configuration QPSK, 20M / 5200 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 16:59:22

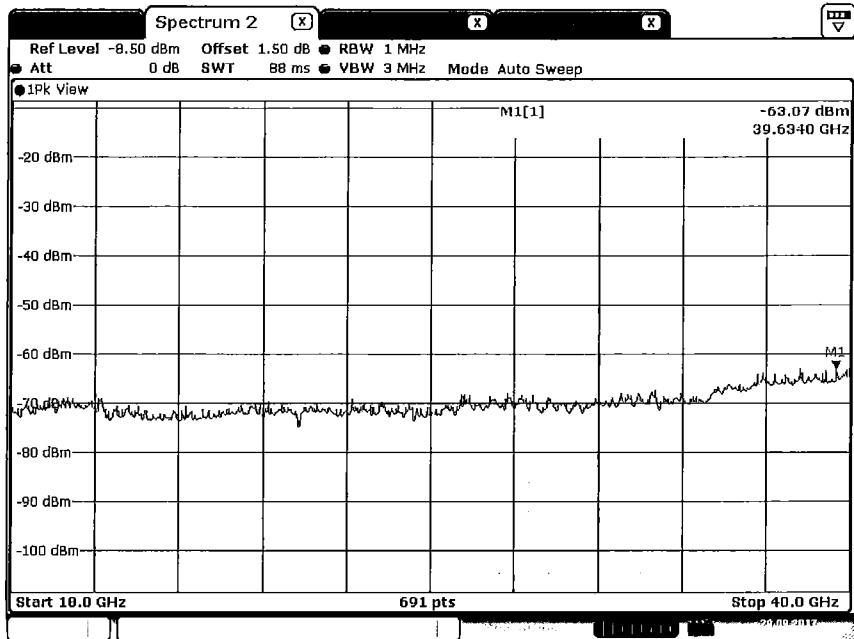
Plot on Configuration QPSK, 20M / 5200 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:00:06

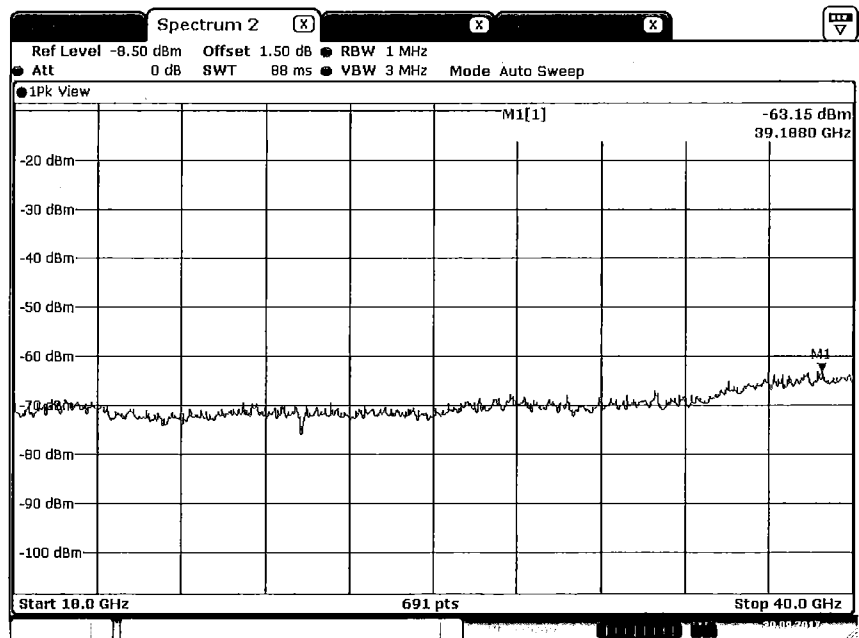


Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 17:03:21

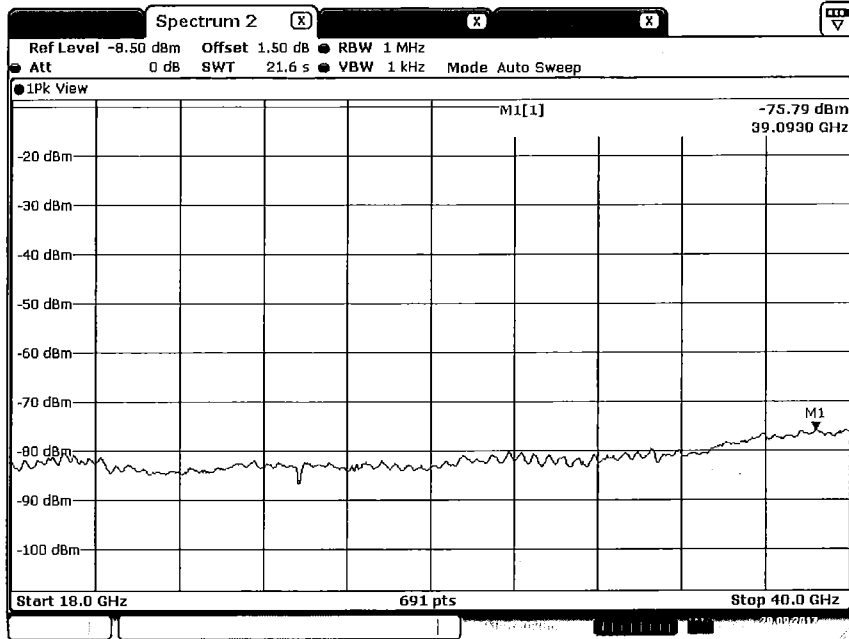
Plot on Configuration QPSK, 20M / 5200 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:03:48

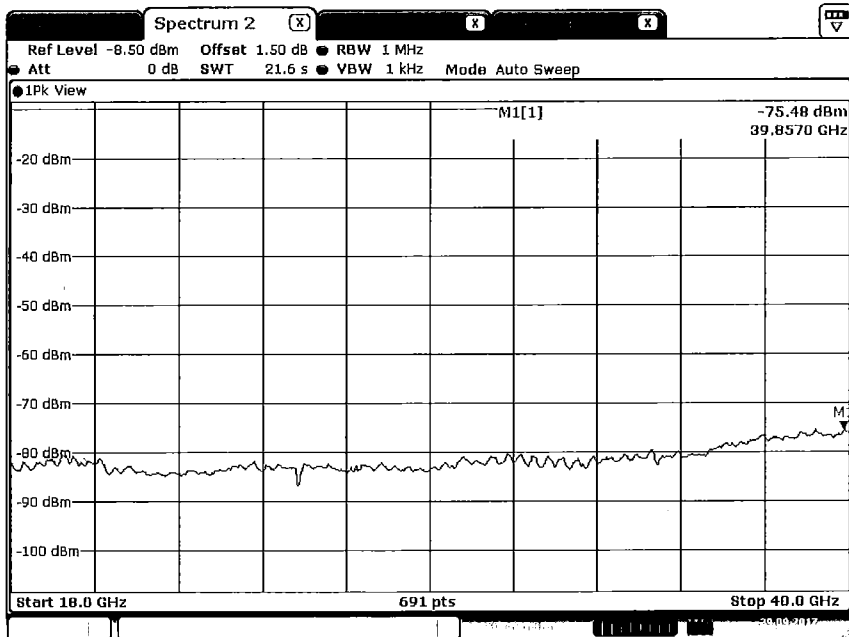


Plot on Configuration QPSK, 20M / 5240 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29.SEP.2017 17:02:19

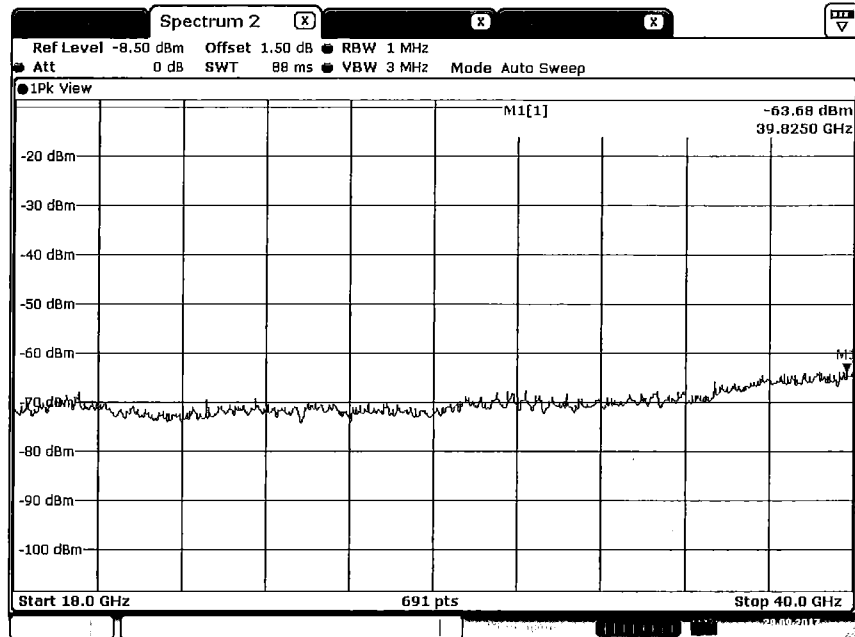
Plot on Configuration QPSK, 20M / 5240 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29.SEP.2017 17:02:57

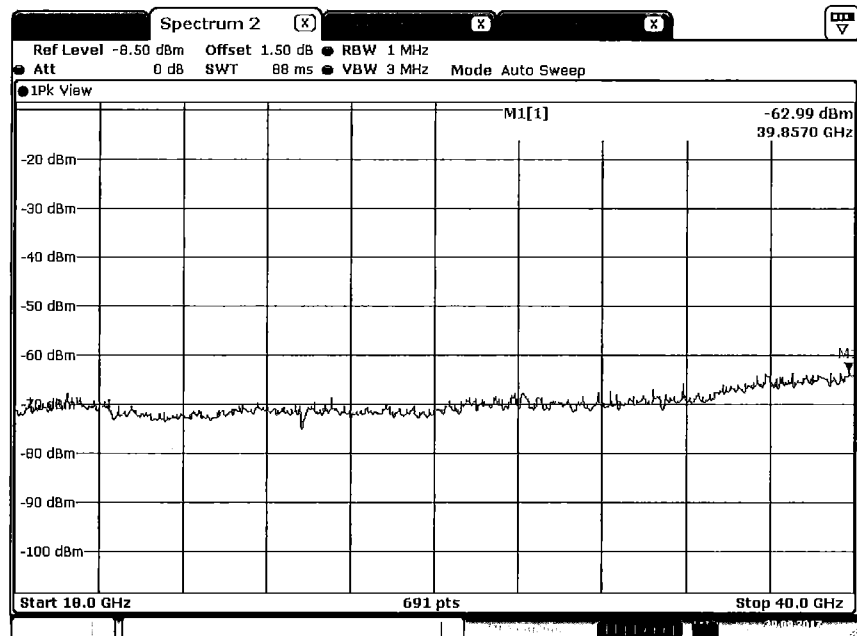


Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 17:04:27

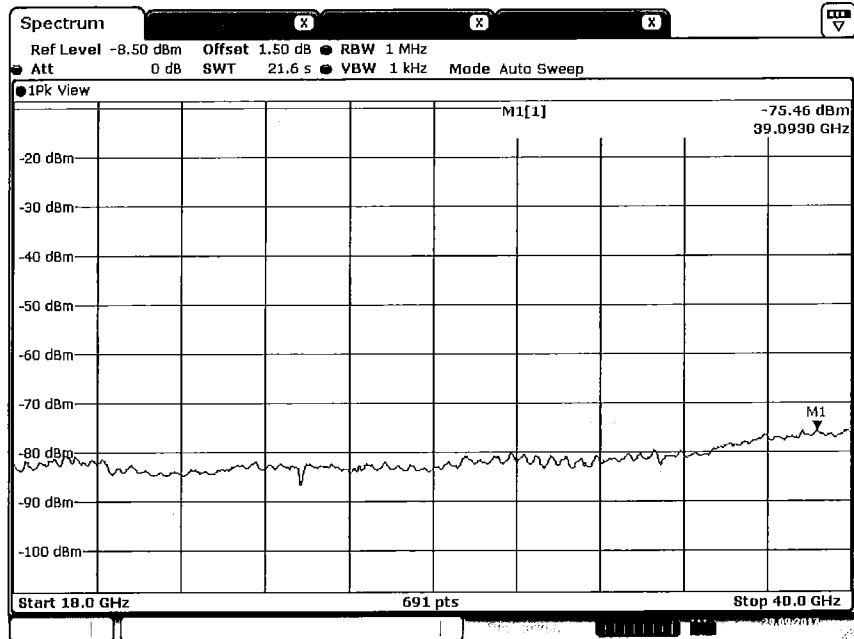
Plot on Configuration QPSK, 20M / 5240 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 17:04:44

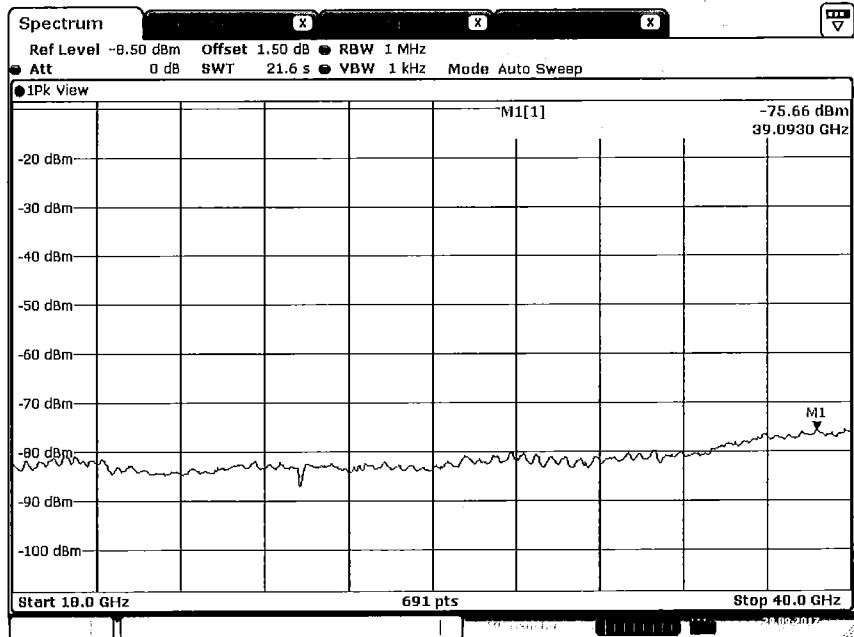


Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 23:29:23

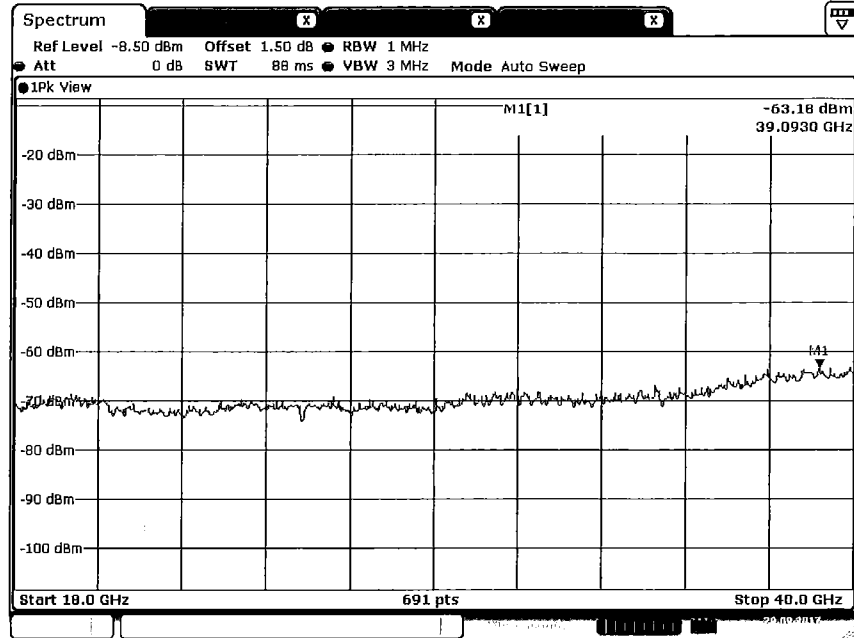
Plot on Configuration QPSK, 80M / 5200 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 23:30:04

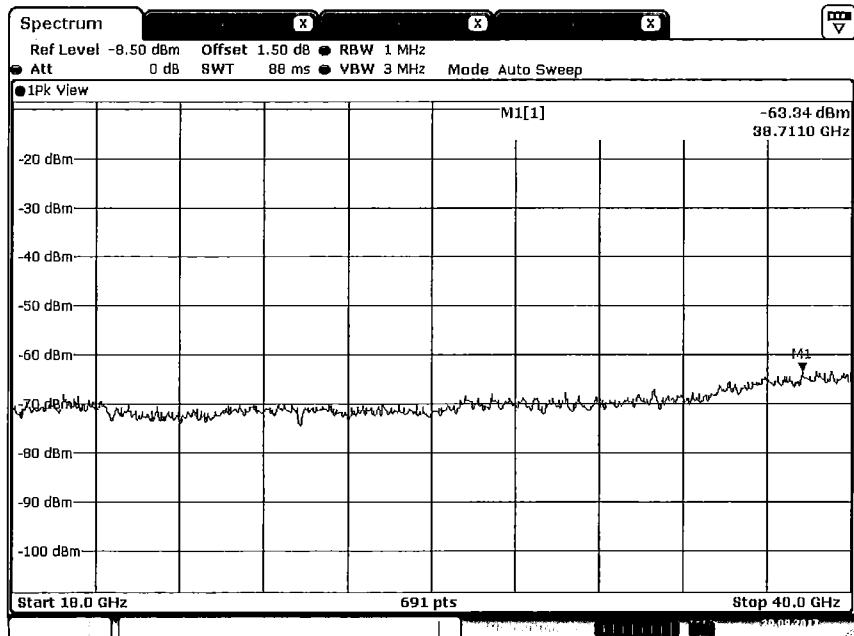


Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 23:33:08

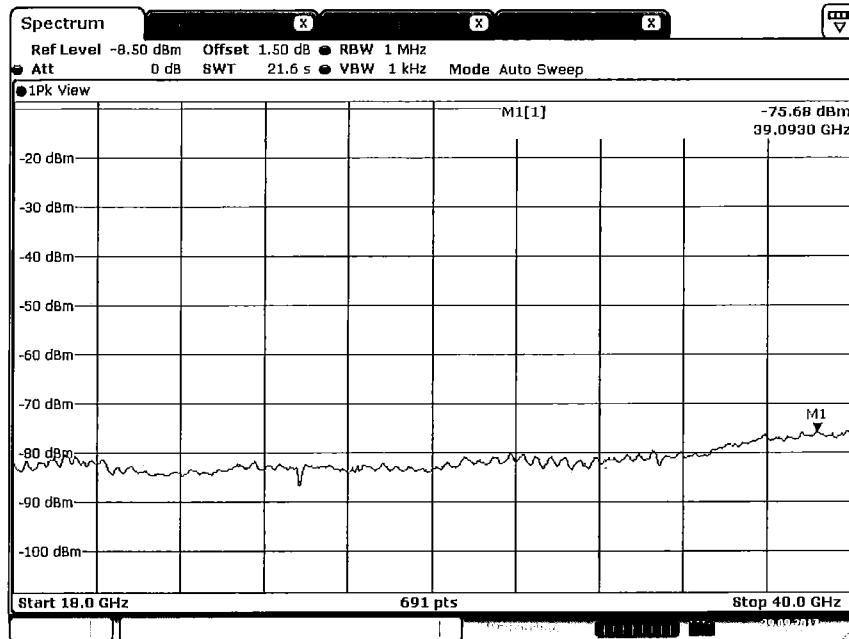
Plot on Configuration QPSK, 80M / 5200 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 23:33:52

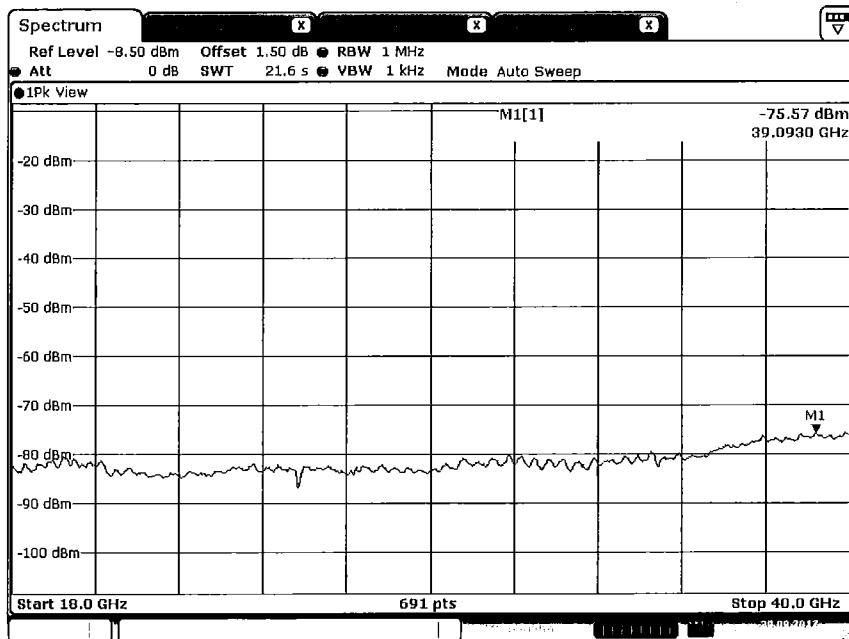


Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 23:30:50

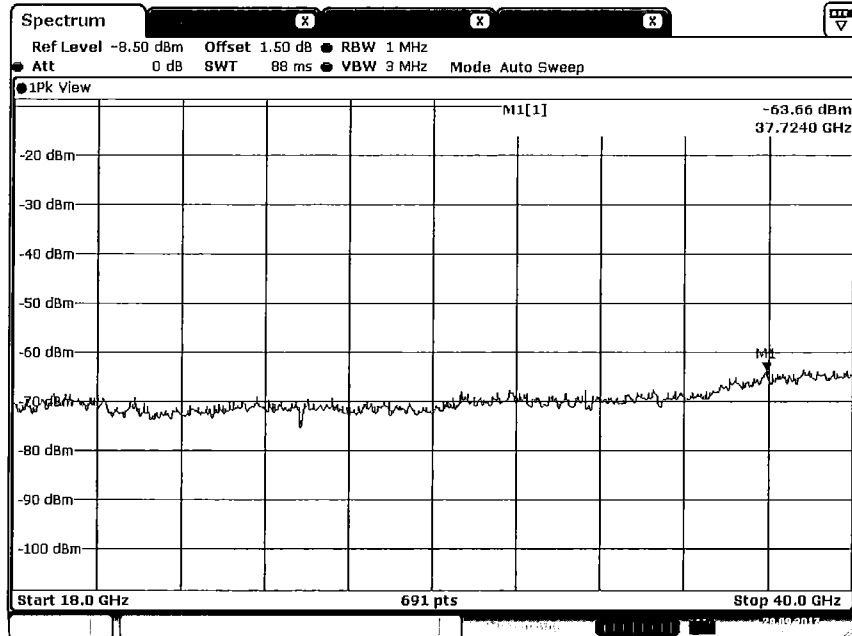
Plot on Configuration QPSK, 80M / 5210 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 23:31:37

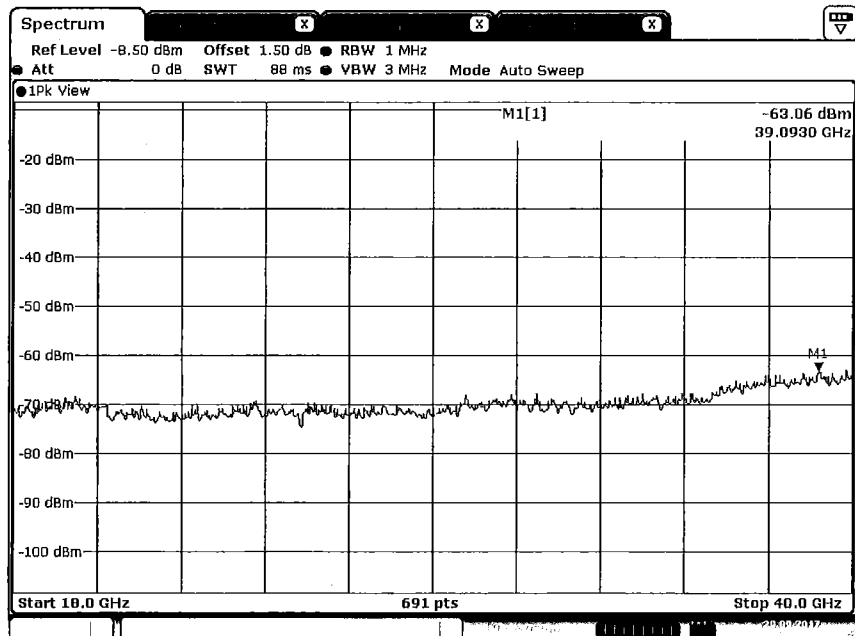


Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 1 / 18GHz~40GHz



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

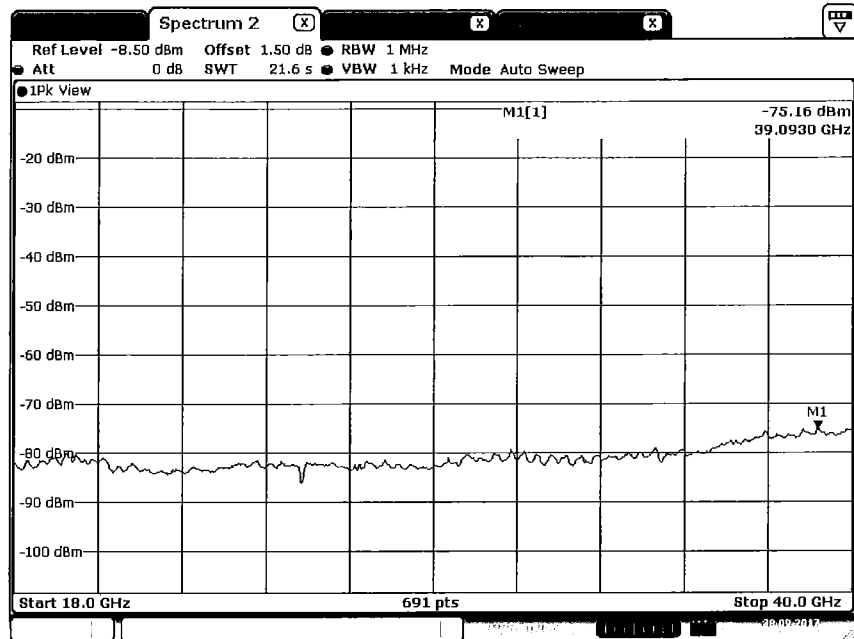
Plot on Configuration QPSK, 80M / 5210 MHz / Peak / Port 2 / 18GHz~40GHz



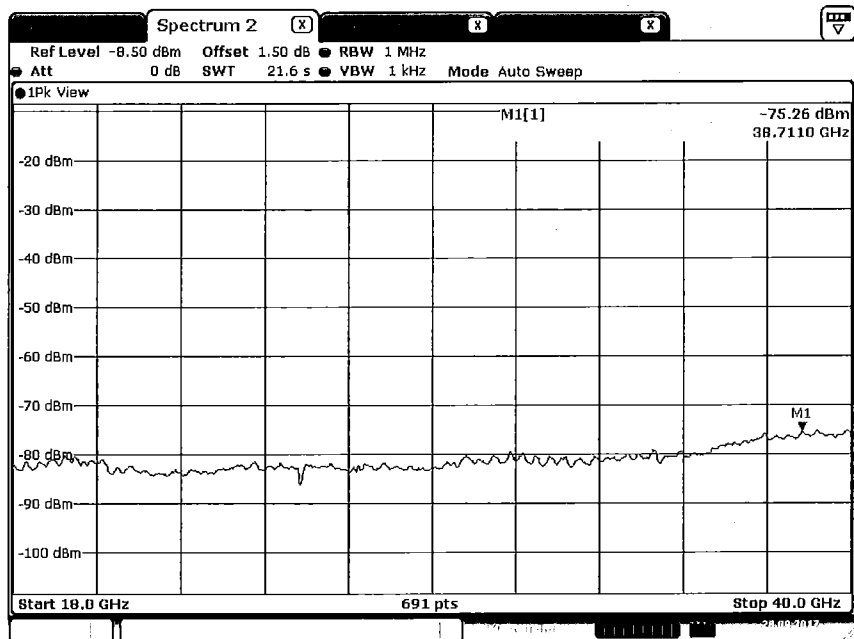
Date: 29.SEP.2017 23:35:07



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

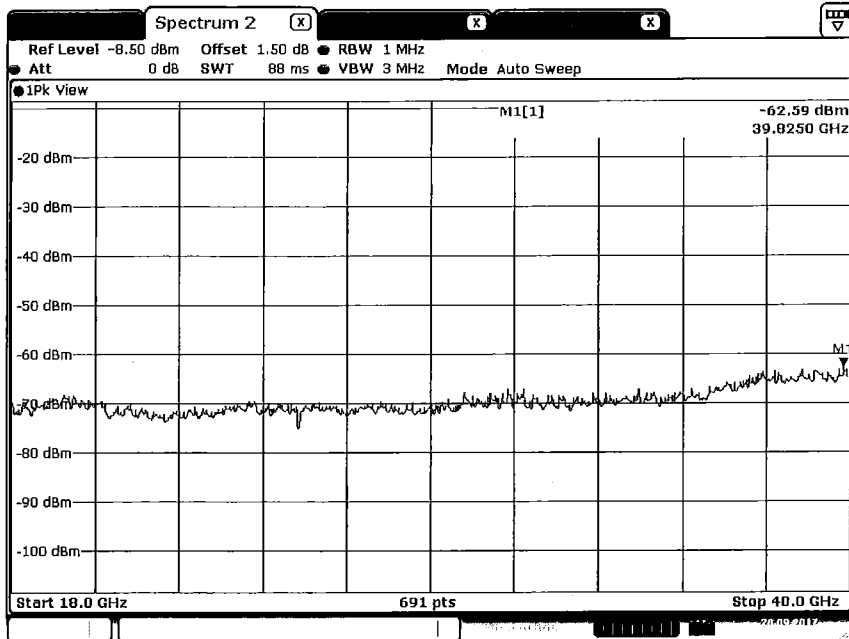


Plot on Configuration QPSK, 20M / 5745 MHz / Average / Port 2 / 18GHz~40GHz



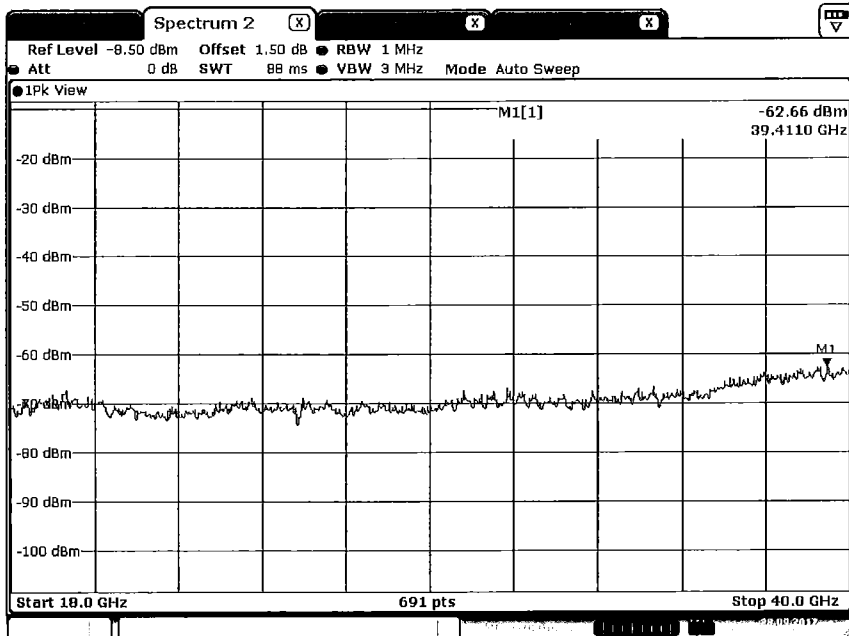


Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 1 / 18GHz~40GHz



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

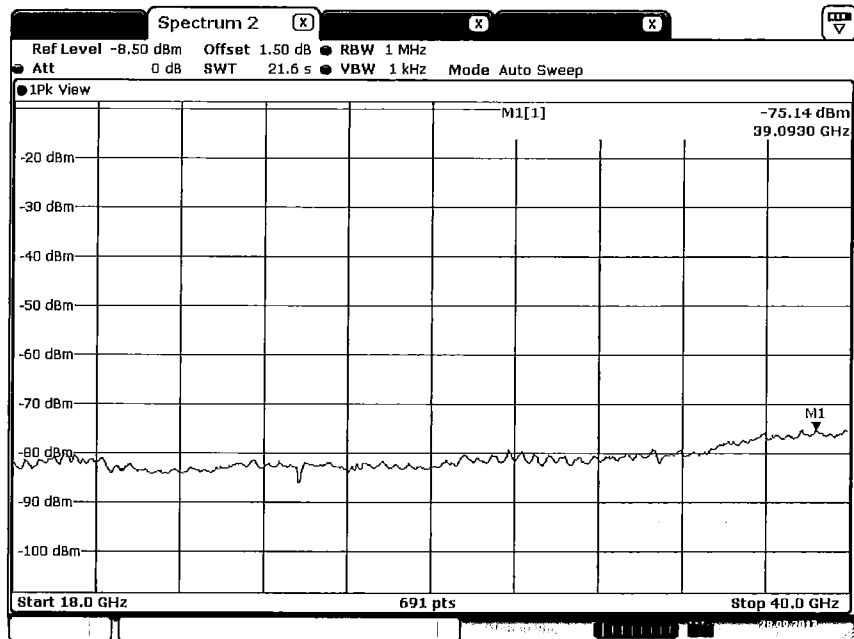
Plot on Configuration QPSK, 20M / 5745 MHz / Peak / Port 2 / 18GHz~40GHz



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

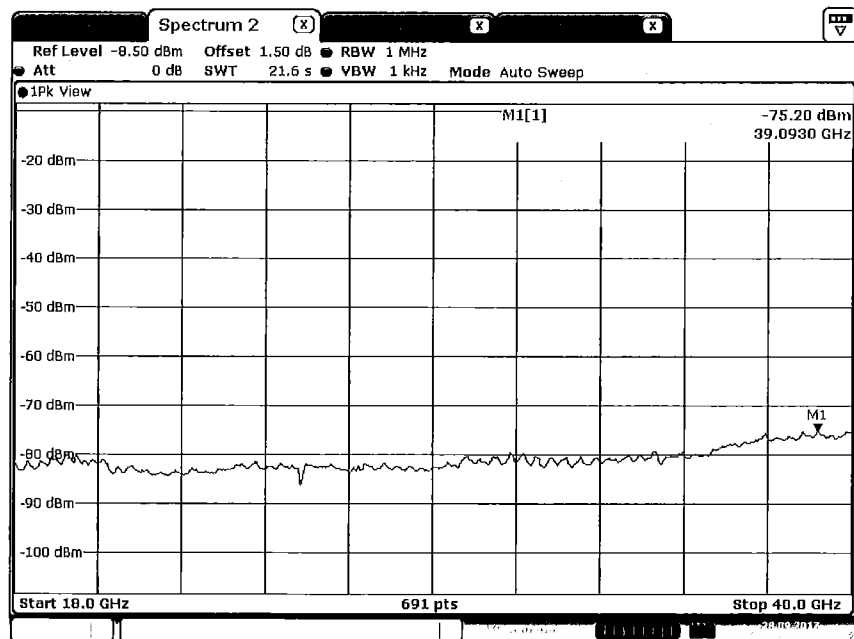


Plot on Configuration QPSK, 20M / 5785 MHz / Average / Port 1 / 18GHz~40GHz



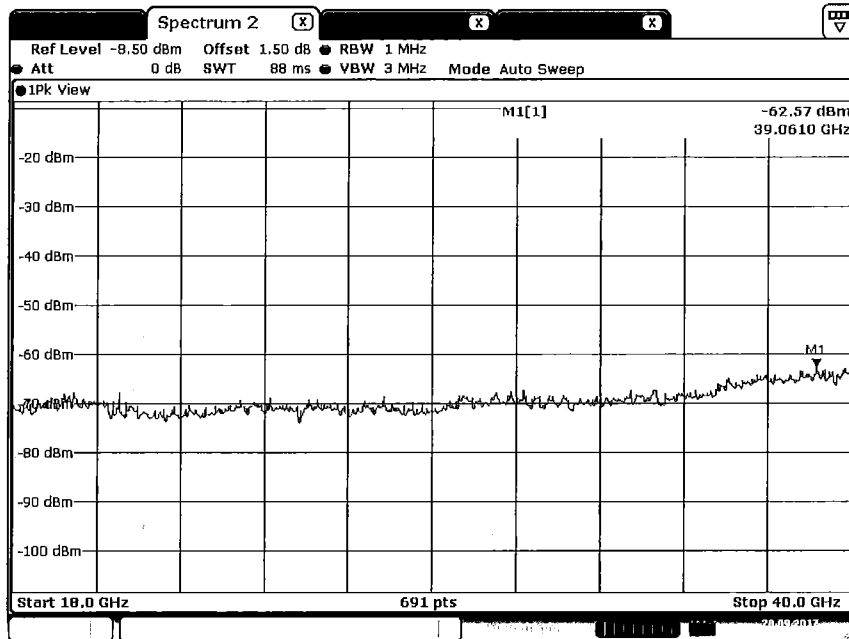
Date: 28 SEP 2017 09:27:42

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



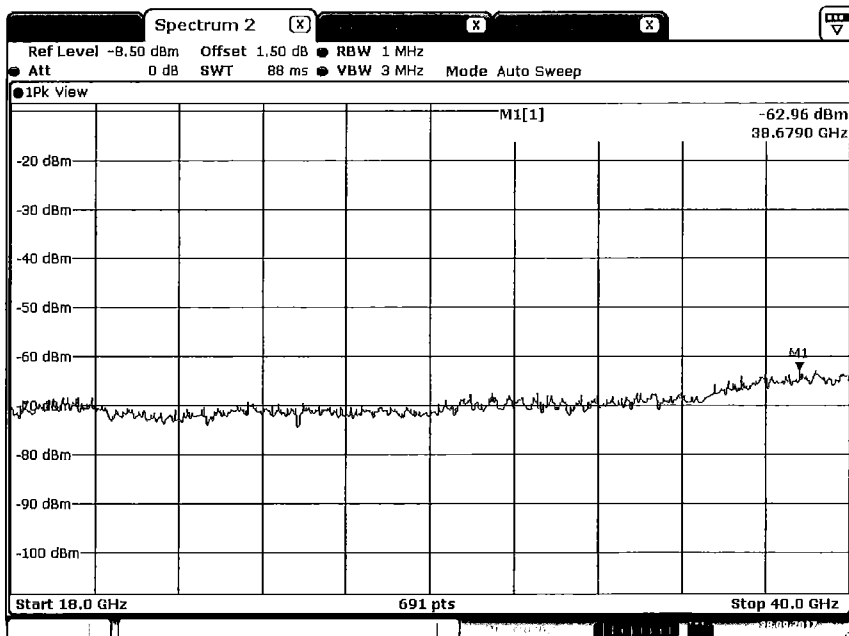
Date: 28 SEP 2017 09:26:27

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



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

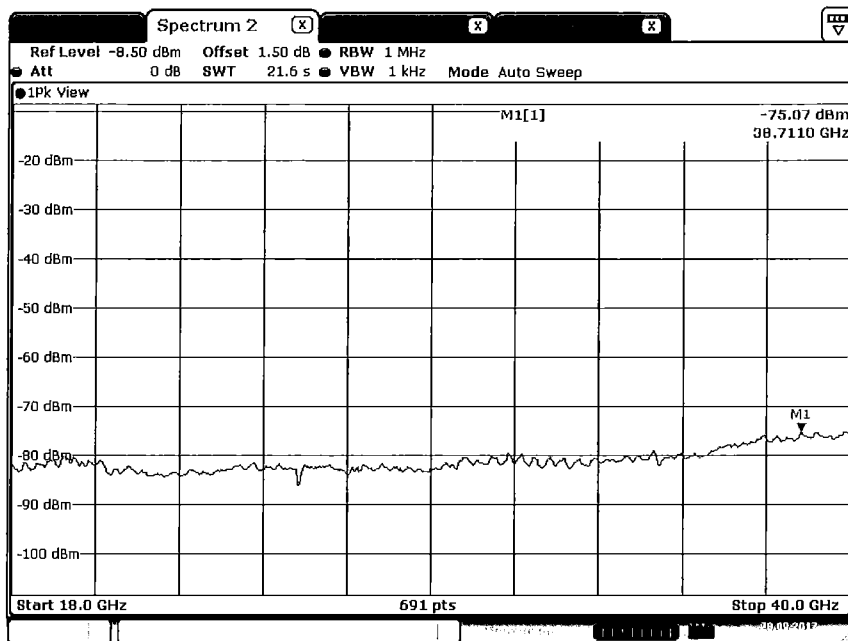
Plot on Configuration QPSK, 20M / 5785 MHz / Peak / Port 2 / 18GHz~40GHz



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

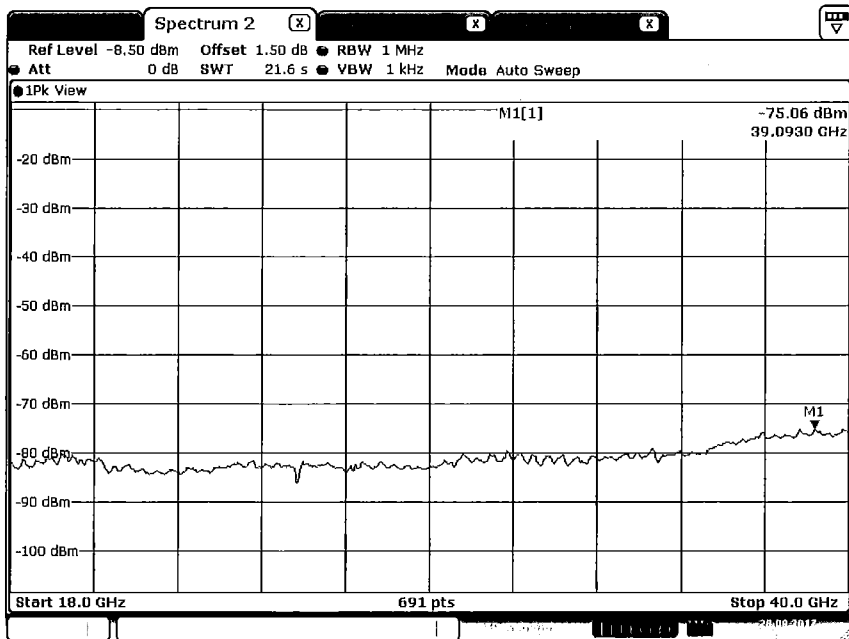


Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 1 / 18GHz~40GHz

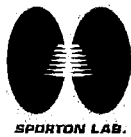


Date: 28.SEP.2017 09:29:04

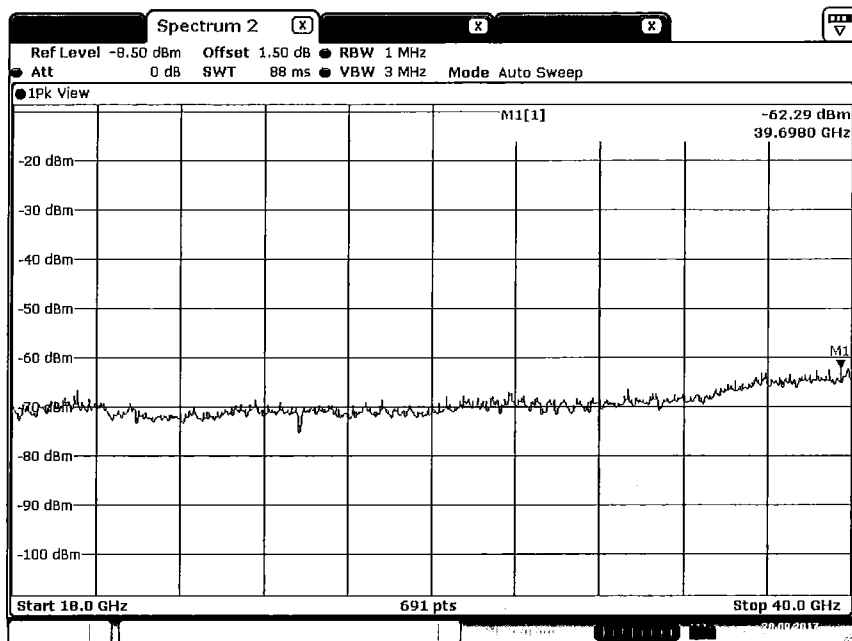
Plot on Configuration QPSK, 20M / 5825 MHz / Average / Port 2 / 18GHz~40GHz



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

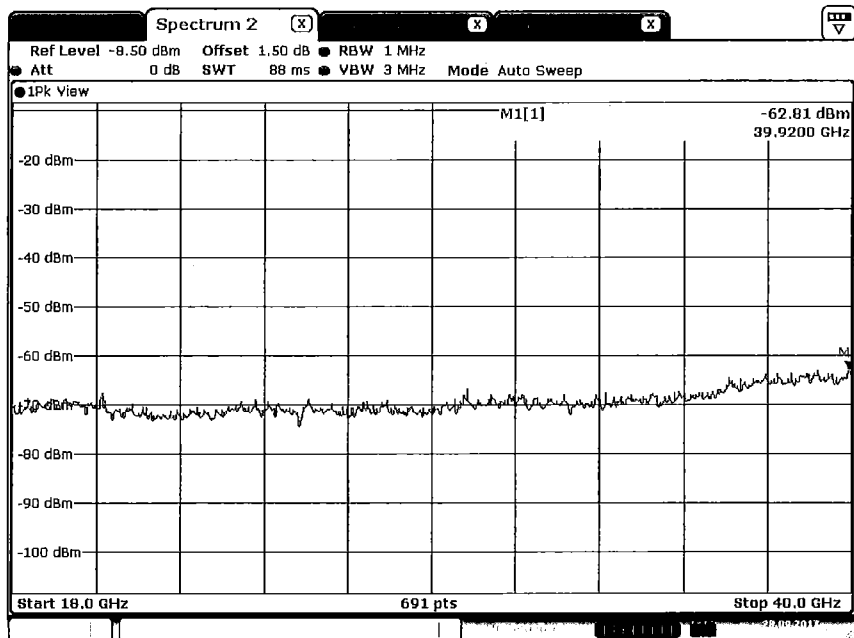


Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 28 SEP 2017 09:29:57

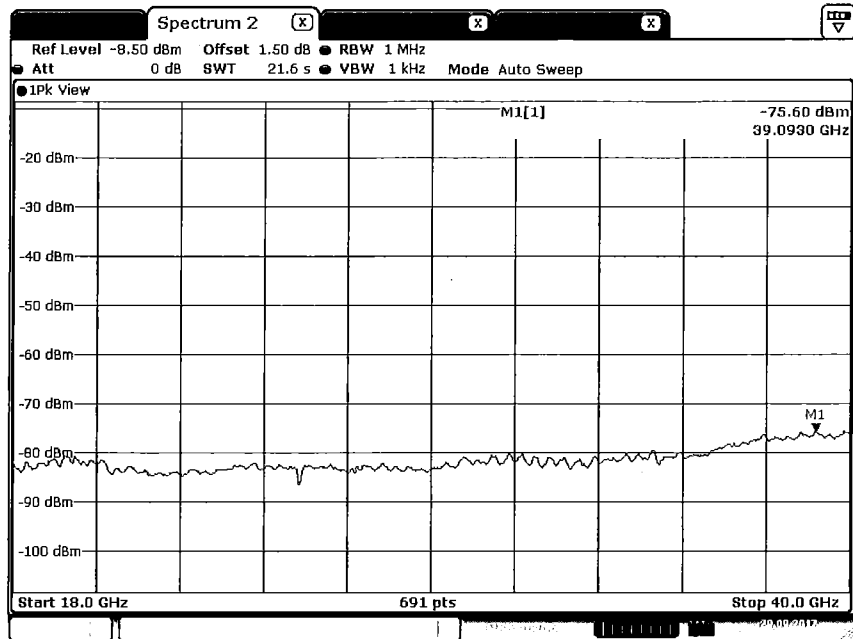
Plot on Configuration QPSK, 20M / 5825 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 28 SEP 2017 09:30:15

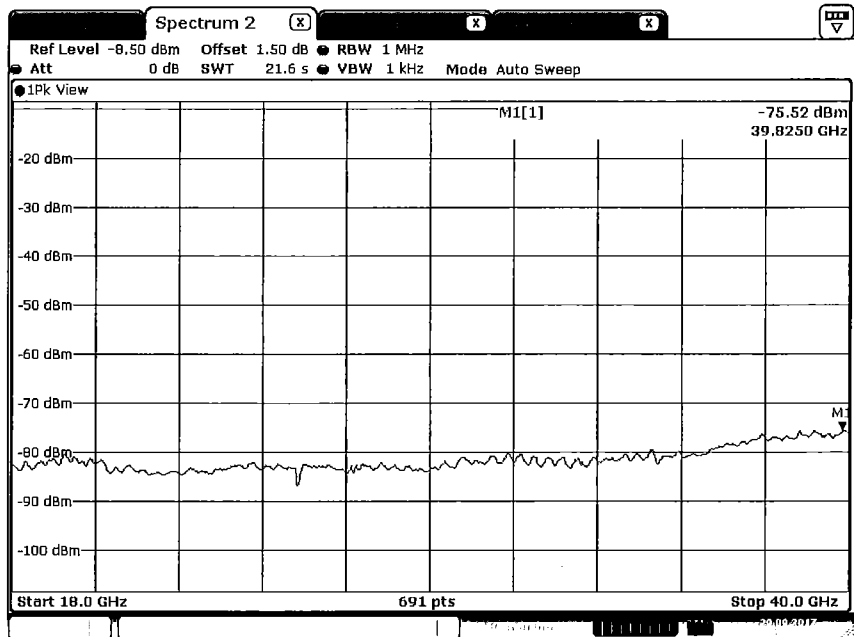


Plot on Configuration QPSK, 80M / 5765 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 10:49:04

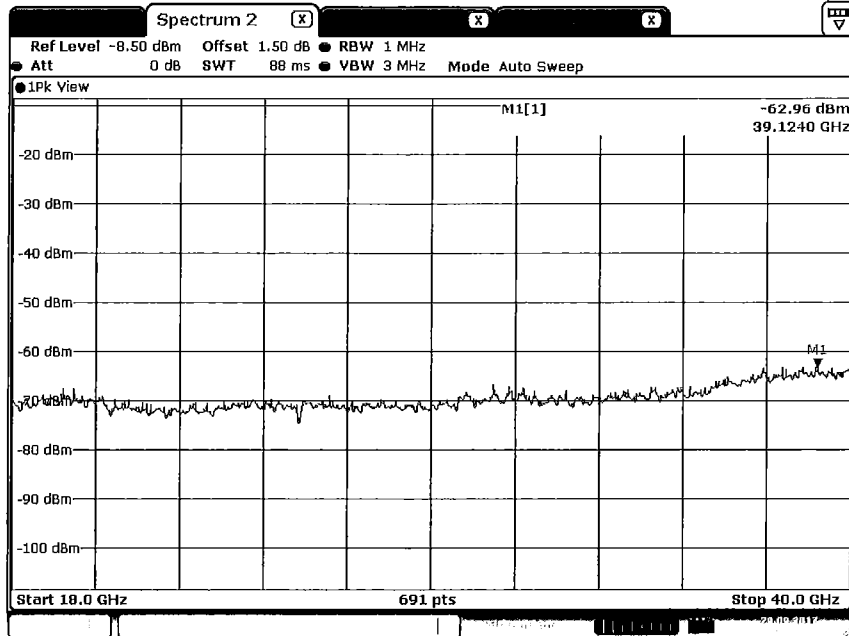
Plot on Configuration QPSK, 80M / 5765 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 10:50:16

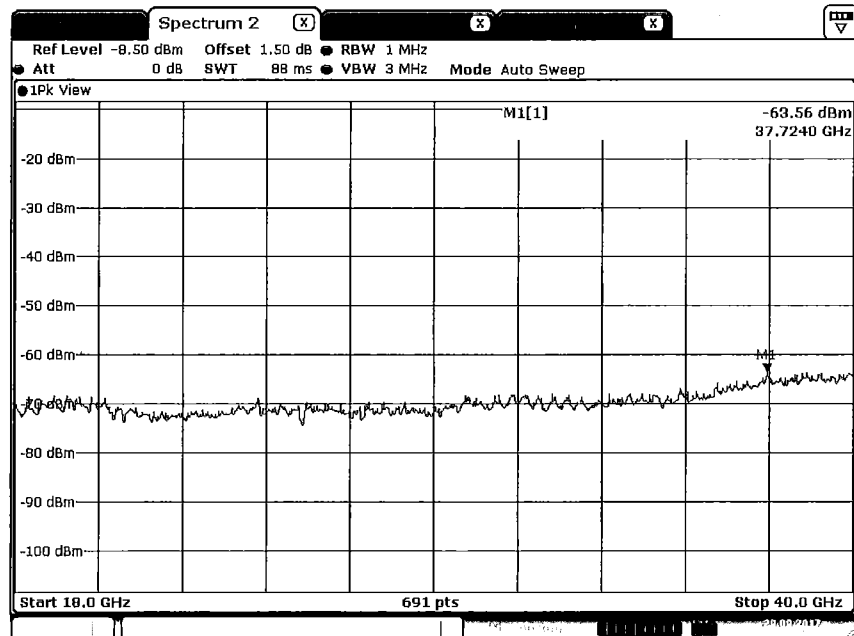


Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 10:50:44

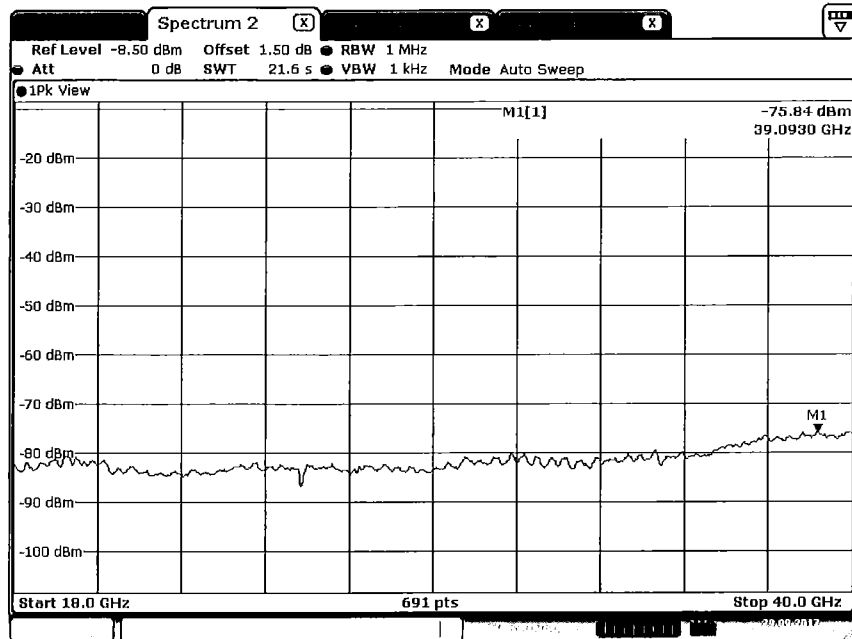
Plot on Configuration QPSK, 80M / 5765 MHz / Peak / Port 2 / 18GHz~40GHz



Date: 29 SEP 2017 10:51:03

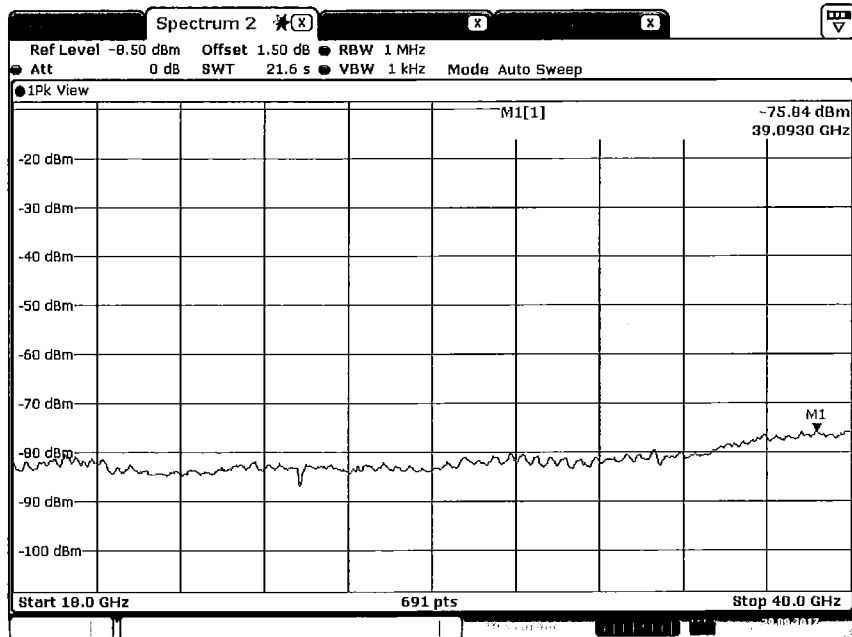


Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 1 / 18GHz~40GHz



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

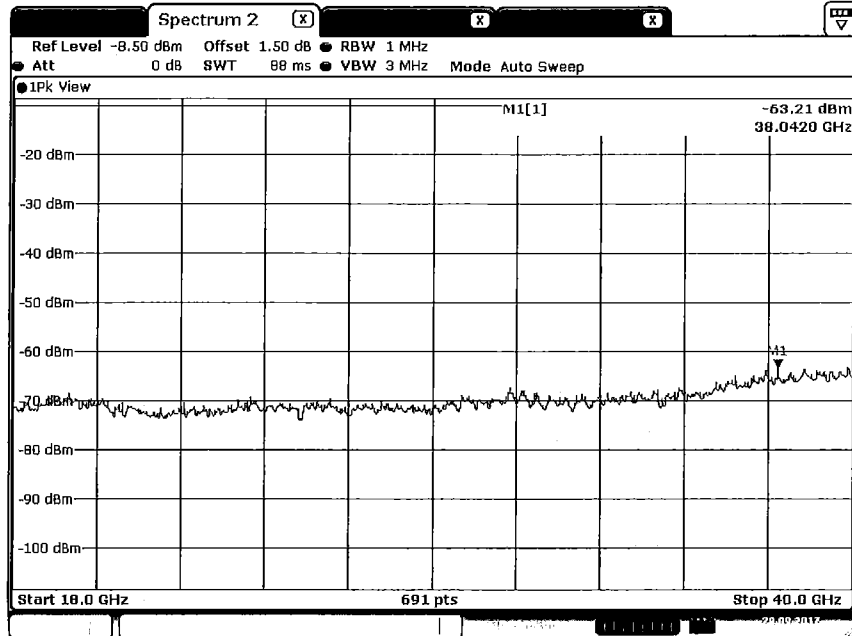
Plot on Configuration QPSK, 80M / 5785 MHz / Average / Port 2 / 18GHz~40GHz



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

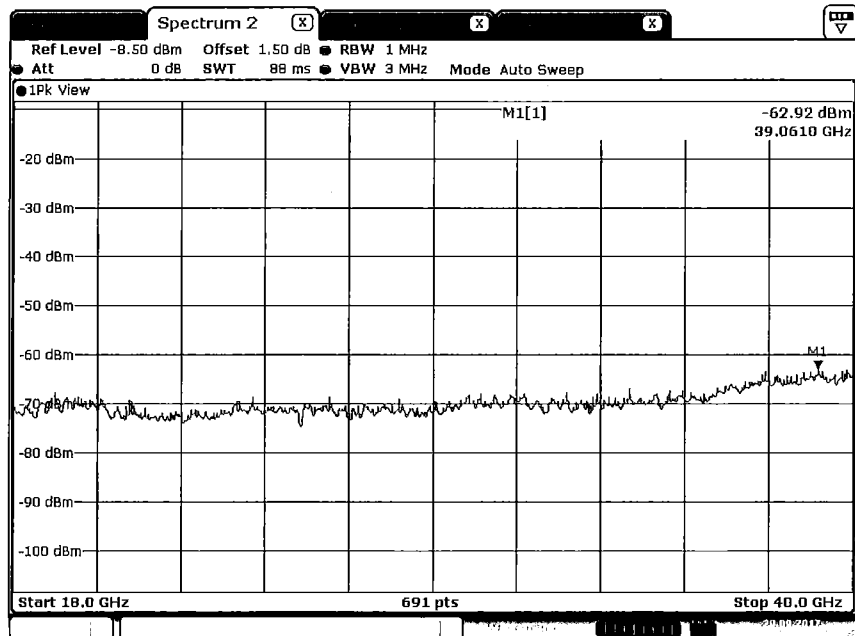


Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 1 / 18GHz~40GHz



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

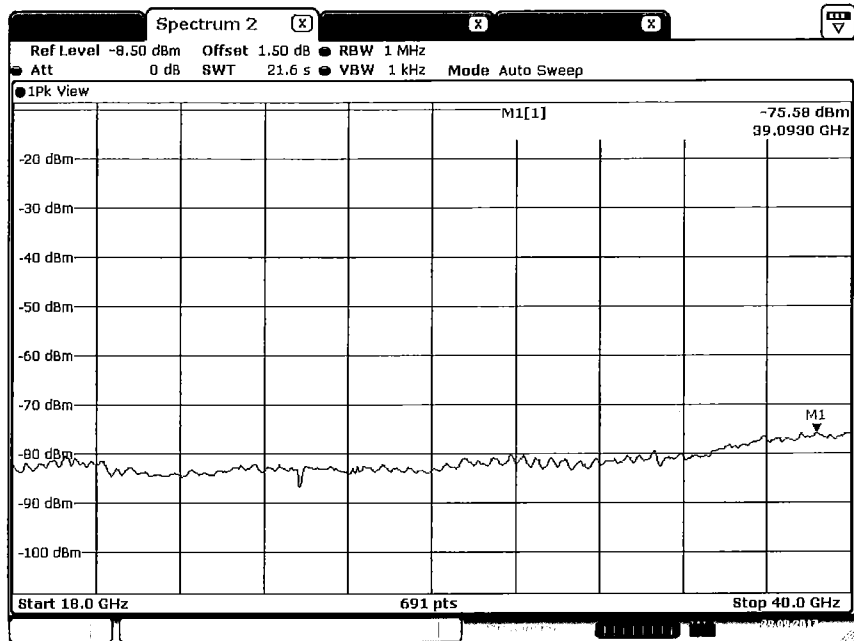
Plot on Configuration QPSK, 80M / 5785 MHz / Peak / Port 2 / 18GHz~40GHz



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

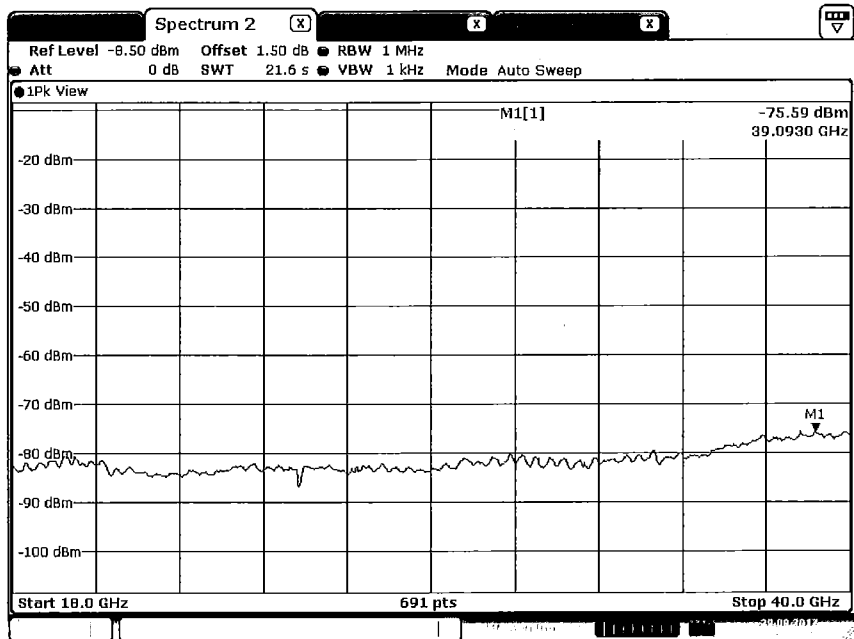


Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 1 / 18GHz~40GHz



Date: 29 SEP. 2017 10:53:48

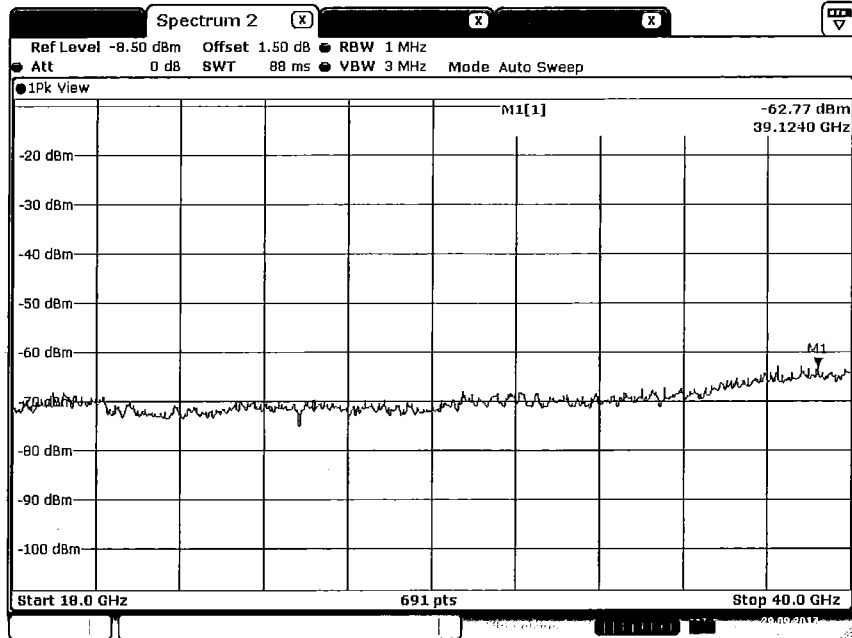
Plot on Configuration QPSK, 80M / 5805 MHz / Average / Port 2 / 18GHz~40GHz



Date: 29 SEP. 2017 10:54:30

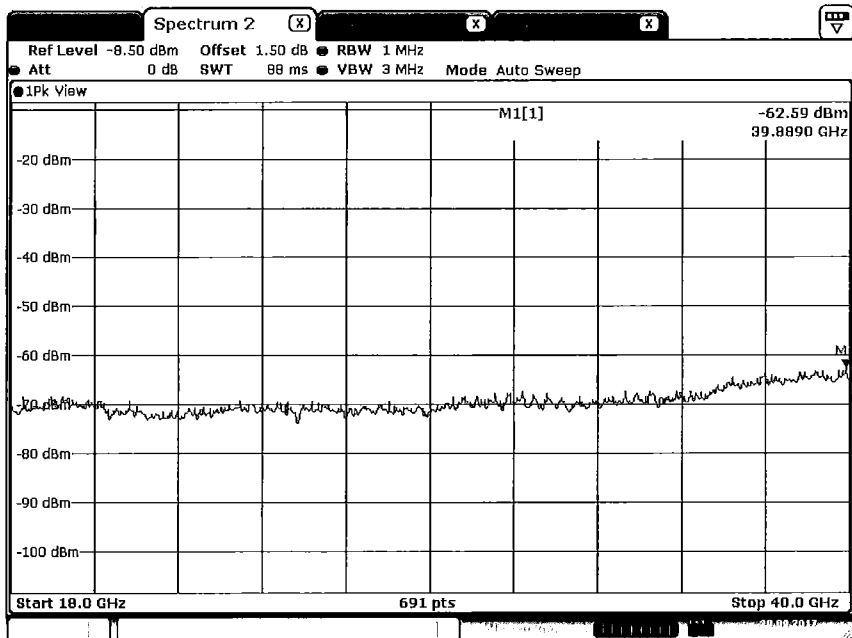


Plot on Configuration QPSK, 80M / 5805 MHz / Peak / Port 1 / 18GHz~40GHz



Date: 29 SEP 2017 10:54:52

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

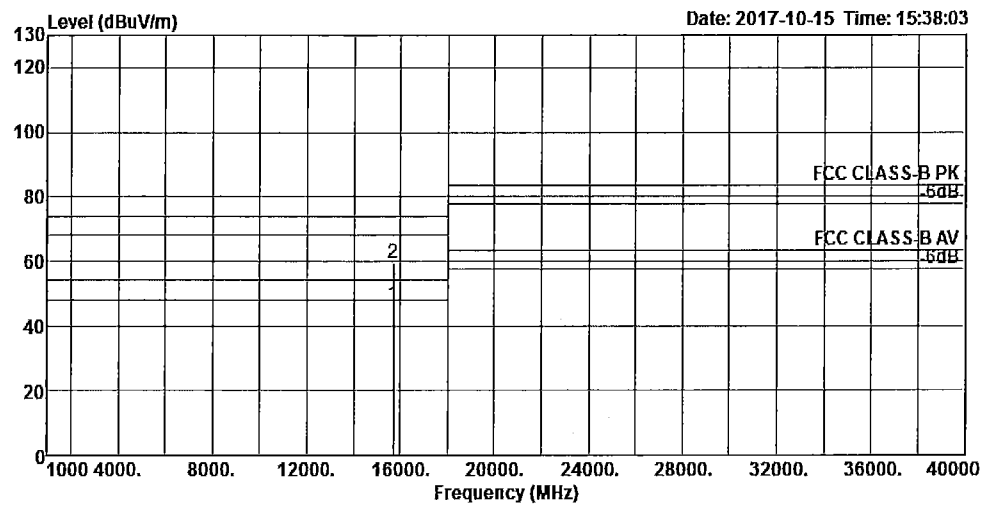


Date: 29 SEP 2017 10:55:36



For Cabinet test:

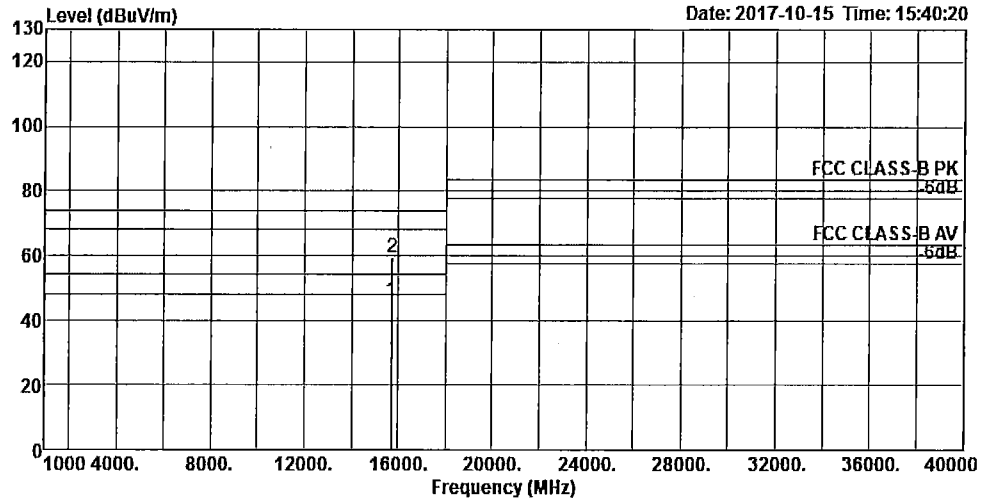
Polarization	Vertical
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	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15723.24	46.45	54.00	-7.55	28.30	15.25	37.85	34.95	148	342 Average	VERTICAL
2	15723.24	59.37	74.00	-14.63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



Polarization	Horizontal
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	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	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.