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FCC TEST REPORT

Manufacturer: SAMSUNG Electronics Co., Ltd.

Model: SM-G9287

FCC ID: A3LSMG9287

Application Type: Certification

EUT Type: Portable Handset

All measurements reported here are in accordance with FCC Rules,
47CFR Part2, Part22 and Part24.

Prepared By  Date 2015.07.13
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Revision History

Rev. #	Issue Date	Revisions	Revised By
1	2015.07.13	▪ Initial issue	Jooha Bek

– End of this page –

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**§2.1033 General Information**

APPLICANT:	Samsung Electronics Co., Ltd.
APPLICANT ADDRESS:	129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Korea
TEST SITE:	Samsung Electronics Co., Ltd.
TEST SITE ADDRESS:	129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Korea
FCC RULE PART(S):	§2, §22, §24
TEST PROCEDURE(S):	ANSI/TIA603-C-2004, KDB971168 v02r02
BASE MODEL:	SM-G9287
FCC ID:	A3LSMG9287
FCC CLASSIFICATION:	PCS Licensed Transmitter Held to Ear (PCE)
MODE:	LTE
EMISSION DESIGNATOR:	See Table 0-1
TX FREQUENCY BLOCK	1850 – 1910MHz (Band 2) 824 – 849MHz (Band 5/26)
RX FREQUENCY BLOCK	1930 – 1990MHz (Band 2) 869 – 894MHz (Band 5/26)
MAX POWER RATING:	0.192 W EIRP LTE Band 2 (22.83 dBm) 0.071 W ERP LTE Band 5/26 (18.53 dBm)
TEST DEVICE SERIAL NO.:	FCM-019-A , FCM-019-B
DATE(S) OF TEST:	June 19 – July 13, 2015

Mode	Tx Frequency (MHz)	Emission Designator	Modulation	ERP/EIRP	
				Max. Power (Watt)	Max. Power (dBm)
LTE Band 2	1850.7 – 1909.3	1M10G7W	QPSK	0.192	22.83
LTE Band 2	1850.7 – 1909.3	1M10D7W	16QAM	0.182	22.59
LTE Band 2	1851.5 – 1908.5	2M69G7W	QPSK	0.145	21.61
LTE Band 2	1851.5 – 1908.5	2M69D7W	16QAM	0.143	21.54
LTE Band 2	1852.5 – 1907.5	4M50G7W	QPSK	0.164	22.14
LTE Band 2	1852.5 – 1907.5	4M49D7W	16QAM	0.159	22.02
LTE Band 2	1855.0 – 1905.0	8M95G7W	QPSK	0.174	22.40
LTE Band 2	1855.0 – 1905.0	8M97D7W	16QAM	0.184	22.65
LTE Band 2	1857.5 – 1902.5	13M5G7W	QPSK	0.182	22.60
LTE Band 2	1857.5 – 1902.5	13M4D7W	16QAM	0.177	22.48
LTE Band 2	1860.0 – 1900.0	17M9G7W	QPSK	0.166	22.20
LTE Band 2	1860.0 – 1900.0	17M9D7W	16QAM	0.147	21.68
LTE Band 5/26	824.7 – 848.3	1M09G7W	QPSK	0.071	18.53
LTE Band 5/26	824.7 – 848.3	1M09D7W	16QAM	0.060	17.78
LTE Band 5/26	825.5 – 847.5	2M69G7W	QPSK	0.071	18.51
LTE Band 5/26	825.5 – 847.5	2M69D7W	16QAM	0.065	18.14
LTE Band 5/26	826.5 – 846.5	4M49G7W	QPSK	0.068	18.33
LTE Band 5/26	826.5 – 846.5	4M49D7W	16QAM	0.061	17.84
LTE Band 5/26	829.0 – 844.0	8M95G7W	QPSK	0.067	18.24
LTE Band 5/26	829.0 – 844.0	8M95D7W	16QAM	0.064	18.08
LTE Band 26	831.5 – 841.5	13M5G7W	QPSK	0.061	17.84
LTE Band 26	831.5 – 841.5	13M4D7W	16QAM	0.064	18.08

Table 0-1. Emission Designator

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1. INTRODUCTION

1.1. General

These measurement tests were conducted at SAMSUNG ELECTRONICS CO., LTD. (SUWON). The site address is 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Korea.

2. PRODUCT INFORMATION

2.1. Equipment Description

The Equipment Under Test (EUT) is the Samsung Portable Handset FCC ID: A3LSMG9287. The test data contained in this report pertains only to the emissions due to the EUT's LTE function.

2.2. Device Capabilities

This device contains the following capabilities:

850/1900 GSM/GPRS/EDGE, 850/1900 WCDMA/HSPA, Multi-band LTE, 802.11a/b/g/n/ac WLAN, Bluetooth (1x, EDR, LE, HS), NFC, ANT+.

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3. DESCRIPTION OF TESTS

3.1. Evaluation Procedure

The measurement procedures described in the document titled “Land Mobile FM or PM - Communications Equipment- Measurements and Performance Standards” (ANSI/TIA-603-C-2004) and “Procedures for Compliance Measurement of the Fundamental Emission Power of Licensed Wideband (> 1MHz) Digital Transmission System” (KDB 971168) were used in the measurement of the Samsung Portable Handset FCC ID: A3LSMG9287.

3.2. Measurement Procedure for Radiated Power and Radiated Spurious Emissions

The radiated and spurious measurements were made at the full anechoic chamber. The equipment under test was placed on the Turn Device at the same height and a distance of 3-meters from the measuring antenna.

The turn device is designed for mobile device measurements. Different sized devices can be mounted on the mounting bracket made of Rohacell.

The turn device is mounted onto a turntable to have both 360° vertical and horizontal rotation. The measurement was made for each horizontal/vertical position in combination with horizontally and vertically polarized measuring antenna.

The substitution antenna will replace the EUT antenna at the same position. The frequency of the signal generator shall be set to the frequencies that were measured on the EUT. The output level of the signal generator shall be adjusted until an equal or a known related level that was measured from the EUT. This level was recorded. For emissions above 1 GHz, the above procedure is repeated by using horn antennas and dBi gain is taken into consideration.

The power of the emission is calculated using the following formula:

$$P_{d[dBm]} = P_{g[dBm]} - \text{cable loss}_{[dB]} + \text{antenna gain}_{[dBd, dBi]}$$

Where P_d is the dipole equivalent power, P_g is the generator output into the substitution antenna, and the antenna gain is the gain of the substitute antenna used relative to either a half-wave dipole(dBd) or an isotropic source(dBi). The cable connects the generator to the substitute antenna.

Radiated power levels and radiated spurious emissions levels are investigated per ANSI/TIA-603-C-2004.

3.3. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and no modifications were made during testing.

4. TEST EQUIPMENT LIST

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

Description	Model	Serial No.	Manufacturer	Cal. Date	Cal. Due
Wideband Radio Communication Tester	CMW500	140748	R&S	2014-10-28	2015-10-28
Wideband Radio Communication Tester	CMW500	100697	R&S	2014-11-03	2015-11-03
Signal & Spectrum Analyzer	FSW	100656	R&S	2014-11-04	2015-11-04
PXA Signal Analyzer	N9030A	MY52350977	Agilent	2014-10-24	2015-10-24
PSG Analog Signal Generator	E8257D	MY51501209	Agilent	2014-11-07	2015-11-07
EPM Series Power Meter	E4419B	GB41293846	Agilent	2014-09-22	2015-09-22
POWER SENSOR	E9300H	MY41495838	Agilent	2014-09-23	2015-09-23
DC Power Supply	E3642A	MY40022438	Agilent	2015-02-23	2016-02-23
Temperature Humidity Chamber	SH-641	92009178	Espec	2015-03-19	2016-03-19
Loop Antenna	HFH2-Z2	100276	R&S	2014-05-19	2016-05-19
DIPOLE ANTENNA	UHA 9105	9105-2412	Schwarzbeck	2013-10-16	2015-10-16
LOG PERIODIC DIPOLE ANTENNA	HL040	353255/019	R&S	2013-09-06	2015-09-06
HORN Antenna	3115	00156245	ETS LINDGREN	2015-05-07	2017-05-07
HORN Antenna	BBHA 9120	9120D-637	Schwarzbeck	2013-09-05	2015-09-05
HORN Antenna & Pre-amplifier assembly	HAP18-26N	216249	Flann	2013-09-24	2015-09-24
HORN Antenna & Pre-amplifier assembly	HAP18-26N	216251	Flann	2015-04-30	2017-04-30
PRE-AMPLIFIER	8449B	3008A00691	Agilent	2014-11-25	2015-11-25
RF Power Amplifier	5S1G4	304866	AR	2015-02-09	2016-02-09
Hygrothermograph Data Logger	SK-L200TH2a	005077	SATO	2014-10-31	2015-10-31
Hygrothermograph Data Logger	SK-L200TH2a	005078	SATO	2014-10-31	2015-10-31
Hygrothermograph Data Logger	SK-L200TH2a	005110	SATO	2014-10-31	2015-10-31
Power Divider	11636B	58456	Agilent	2015-04-27	2016-04-27
Highpass Filter	WHVX1.0/15G-10SS	39	Wainwright	2015-01-07	2016-01-07
Highpass Filter	WHKX3.0/18G-10SS	206	Wainwright	2015-01-07	2016-01-07
Attenuator 10dB	8491B	MY39264180	Agilent	2015-06-23	2016-06-23
Attenuator 20dB	8493C	74158	Agilent	2014-08-21	2015-08-21

Table 4-1. Test Equipment



Note

1. For equipment listed above that has calibration dates that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.

– End of this page –

5. SAMPLE CALCULATIONS

5.1. QPSK Modulation

Emission Designator = 8M62G7D

LTE BW = 8.62 MHz

G = Phase Modulation

7 = Quantized/Digital Info

W = Combination

5.2. 16QAM Modulation

Emission Designator = 8M45W7D

LTE BW = 8.45 MHz

D = Amplitude/Angle Modulation

7 = Quantized/Digital Info

W = Combination

5.3. Spurious Radiated Emission

Example: Spurious emission at 3700.40MHz

The receive spectrum analyzer reading at 3 meters with the EUT on the turn device was -81.0dBm. The gain of the substituted antenna is 8.1dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -81.0dBm on the spectrum analyzer. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0dB at 3700.40MHz. So 6.1dB is added to the signal generator reading of -30.9dBm yielding -24.80dBm. The fundamental EIRP was 25.50dBm so this harmonic was $25.50\text{dBm} - (-24.80) = 50.3\text{dBc}$.

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6. TEST RESULTS

6.1. Summary

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
TRANSMITTER MODE (TX)					
2.1046	Transmitter Conducted Output Power	N/A	CONDUCTED	PASS	See SAR Report
2.1049	Occupied Bandwidth	N/A		PASS	Section 6.2
2.1051 22.917(a) 24.238(a)	Conducted Band Edge / Spurious Emissions	$> 43 + 10\log_{10}(P[\text{Watts}])$ at Band Edge and for all out-of-band emissions		PASS	Sections 6.3, 6.4
24.232(d)	Peak-Average Ratio	$< 13 \text{ dB}$		PASS	Section 6.5
2.1055 22.355 24.235	Frequency Stability	$< 2.5 \text{ ppm}$ (Part 22) Emission must remain in band (Part 24)		PASS	Section 6.6
24.232(c)	Effective Isotropic Radiated Power (Band 2)	$< 2 \text{ Watts max. EIRP}$	RADIATED	PASS	Section 6.7
22.913(a.2)	Effective Radiated Power (Band 5/26)	$< 7 \text{ Watts max. ERP}$		PASS	Section 6.7
2.1053 22.917(a) 24.238(a)	Radiated Spurious Emissions	$> 43 + 10\log_{10}(P[\text{Watts}])$ for all out-of-band emissions		PASS	Section 6.8

Table 6-1. Summary of Test Results

Notes:

1. All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.
2. The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables, couplers, and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
3. All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and couplers.
4. The automated test software was used to measure emissions and capture the corresponding plots necessary to show compliance. The measurement software utilized is Rohde & Schwarz and SAMSUNG Electronics "CMWrun", Version 1.8.1.
5. This device supports LTE Band 5 and 26, however only Band 26 measurements are shown in this report since modulation and antenna paths are identical.

6.2. Occupied Bandwidth

§2.1049

Test Overview

The Occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

KDB 971168 v02r02 – Section 4.2

Test Settings

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% Occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1~5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2~7 were repeated after changing the RBW such that it would be within 1~5% of the 99% occupied bandwidth observed in Step 7

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

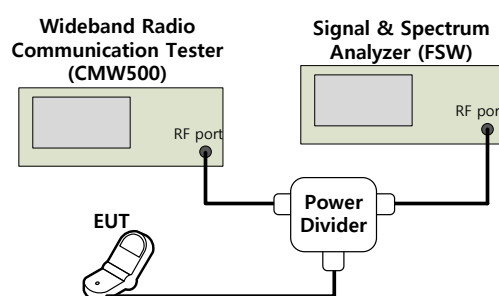
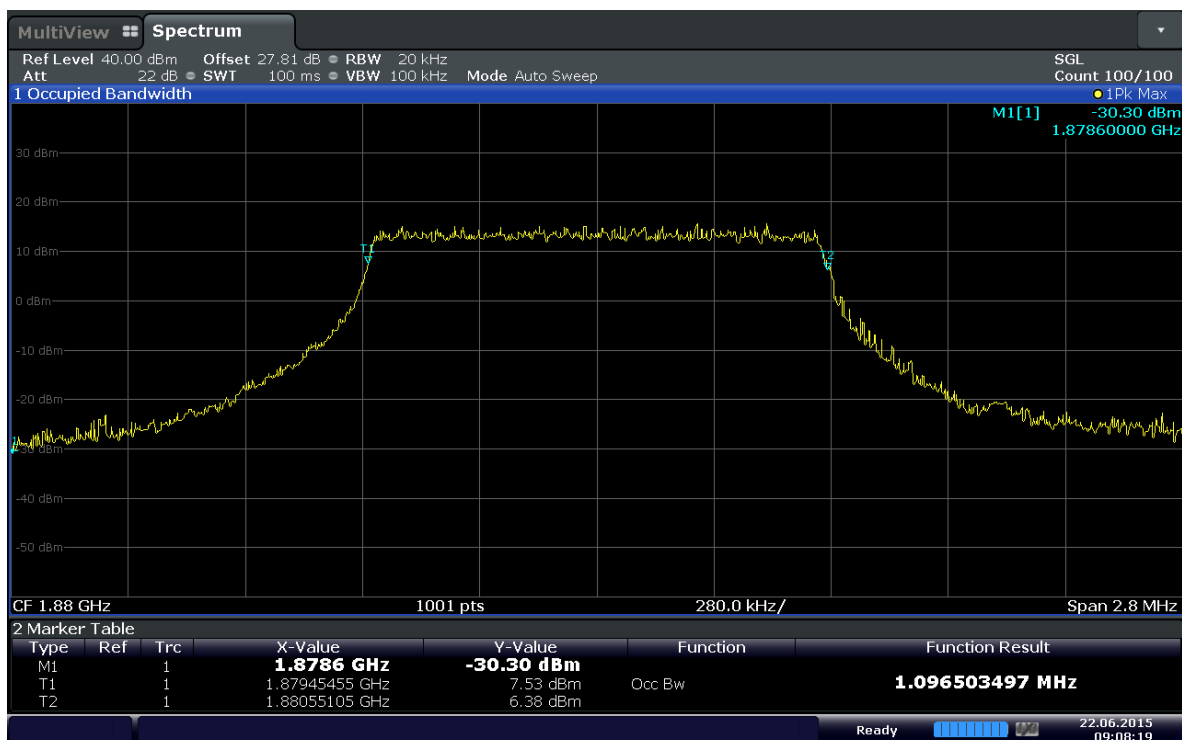


Figure 6-1. Test Instruments & Measurement Setup

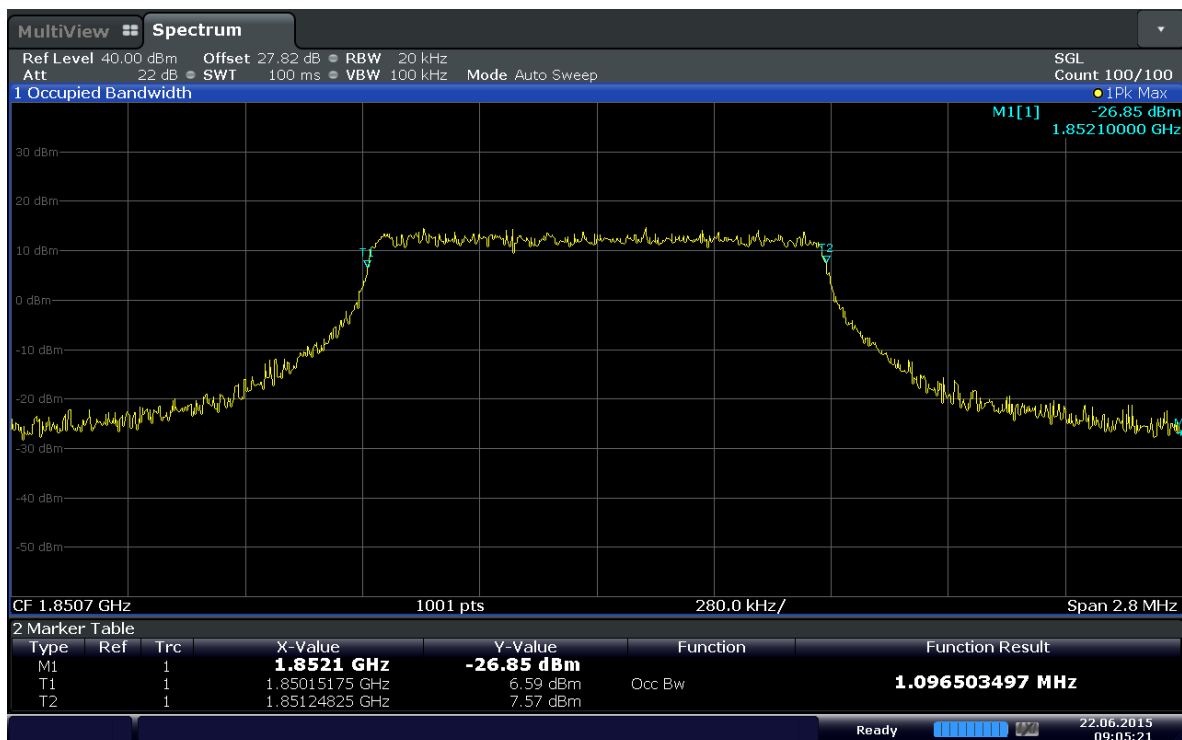


Test Plots



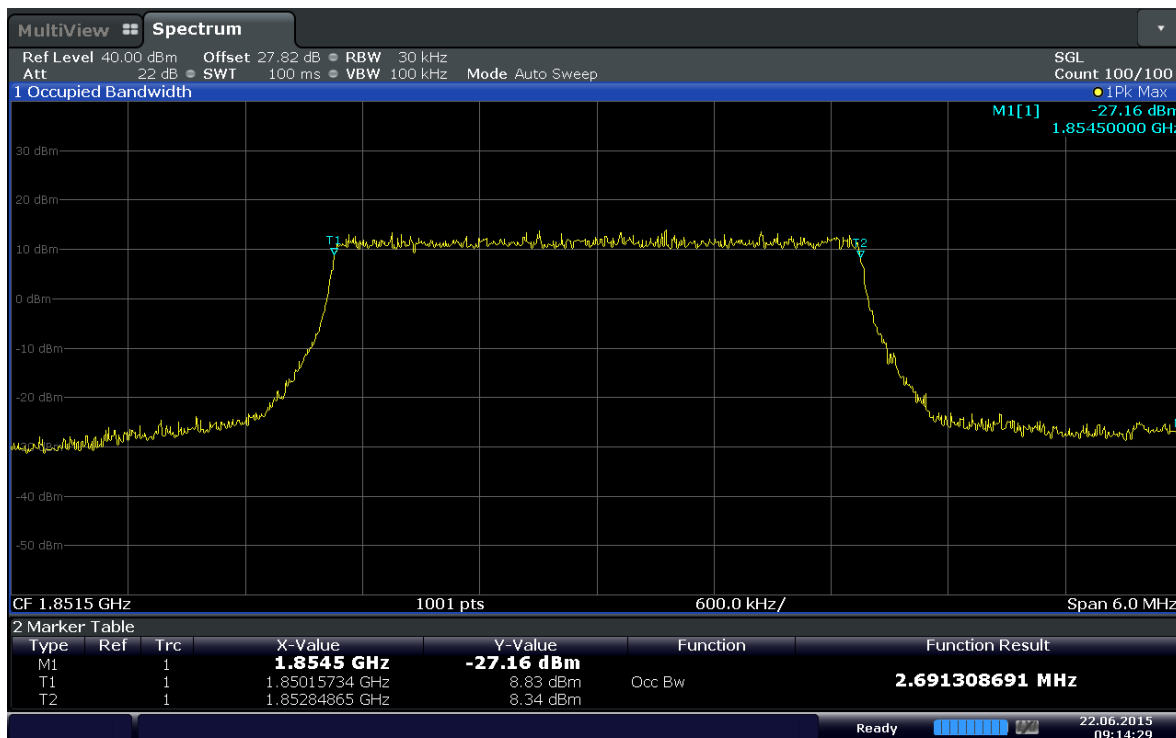
Date: 22.JUN.2015 09:08:19

Plot 6-1. Occupied Bandwidth Plot (Band 2 – 1.4MHz QPSK - RB Size 6)



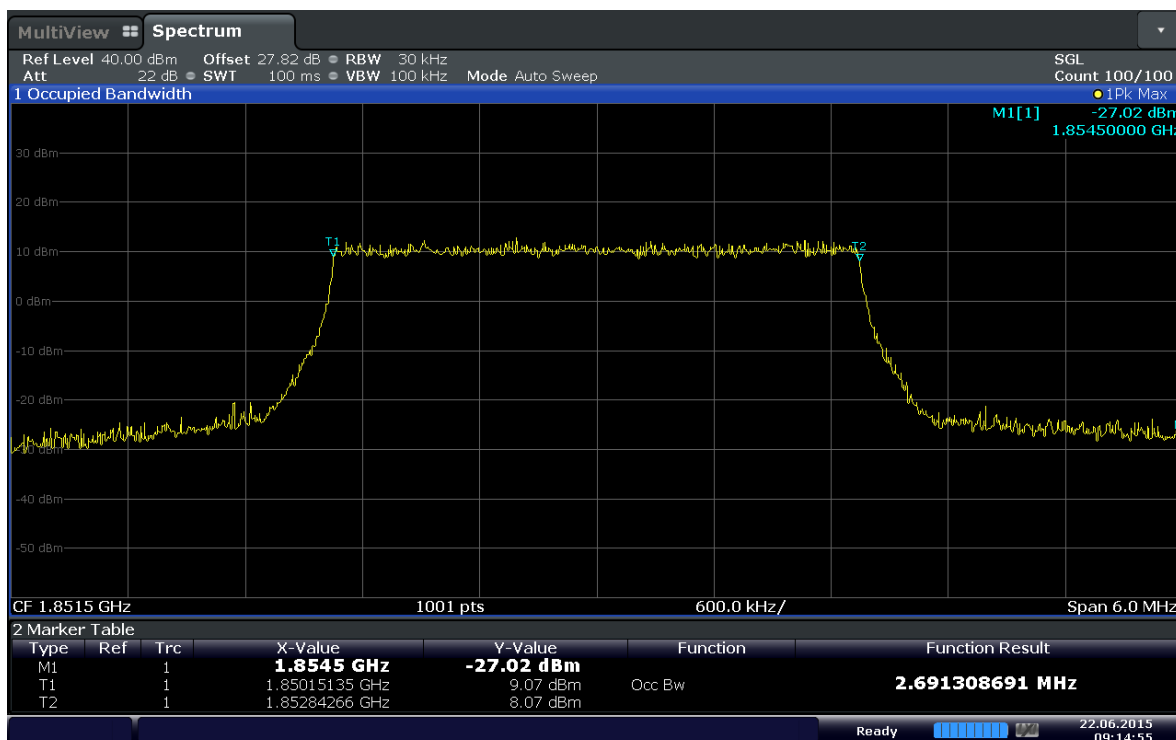
Date: 22.JUN.2015 09:05:22

Plot 6-2. Occupied Bandwidth Plot (Band 2 – 1.4MHz 16QAM - RB Size 6)



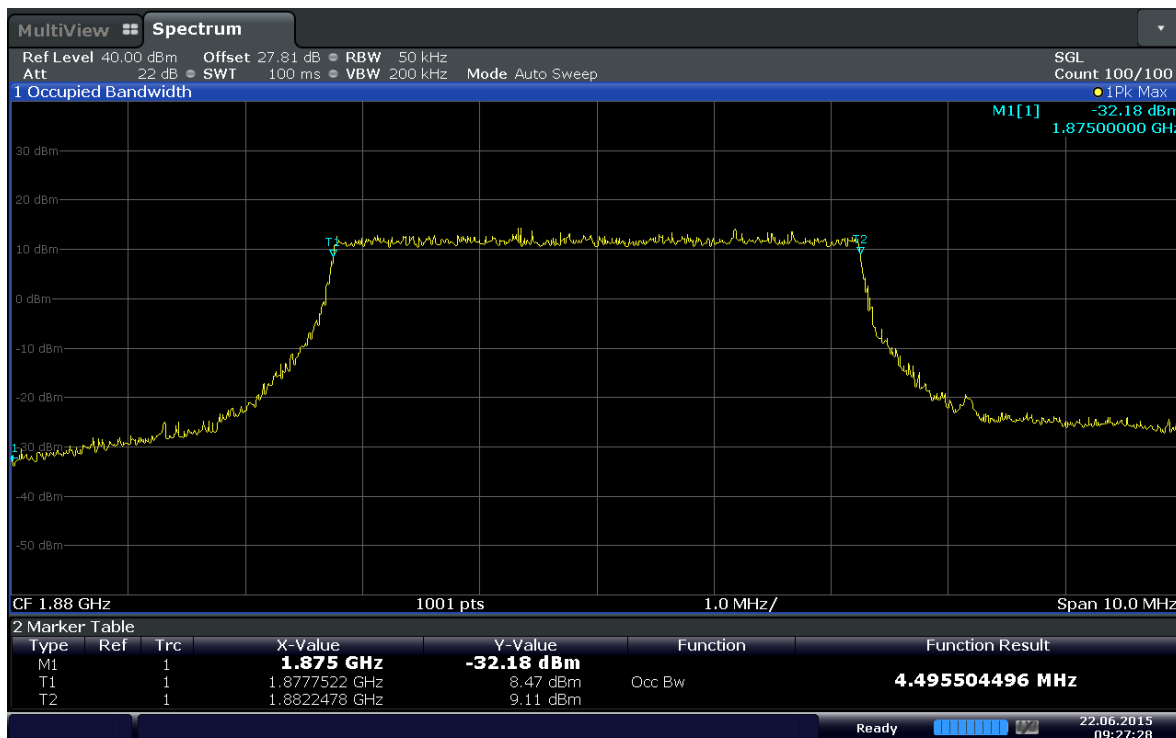
Date: 22.JUN.2015 09:14:29

Plot 6-3. Occupied Bandwidth Plot (Band 2 – 3.0MHz QPSK - RB Size 15)



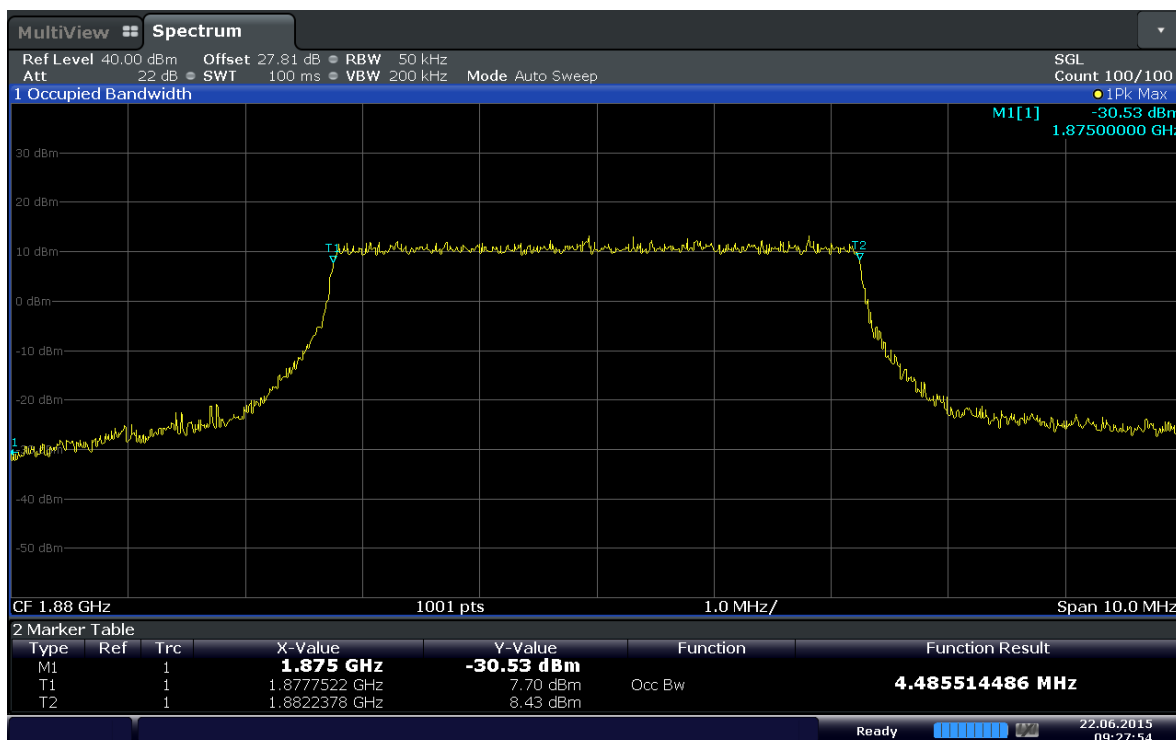
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Plot 6-4. Occupied Bandwidth Plot (Band 2 – 3.0MHz 16QAM - RB Size 15)



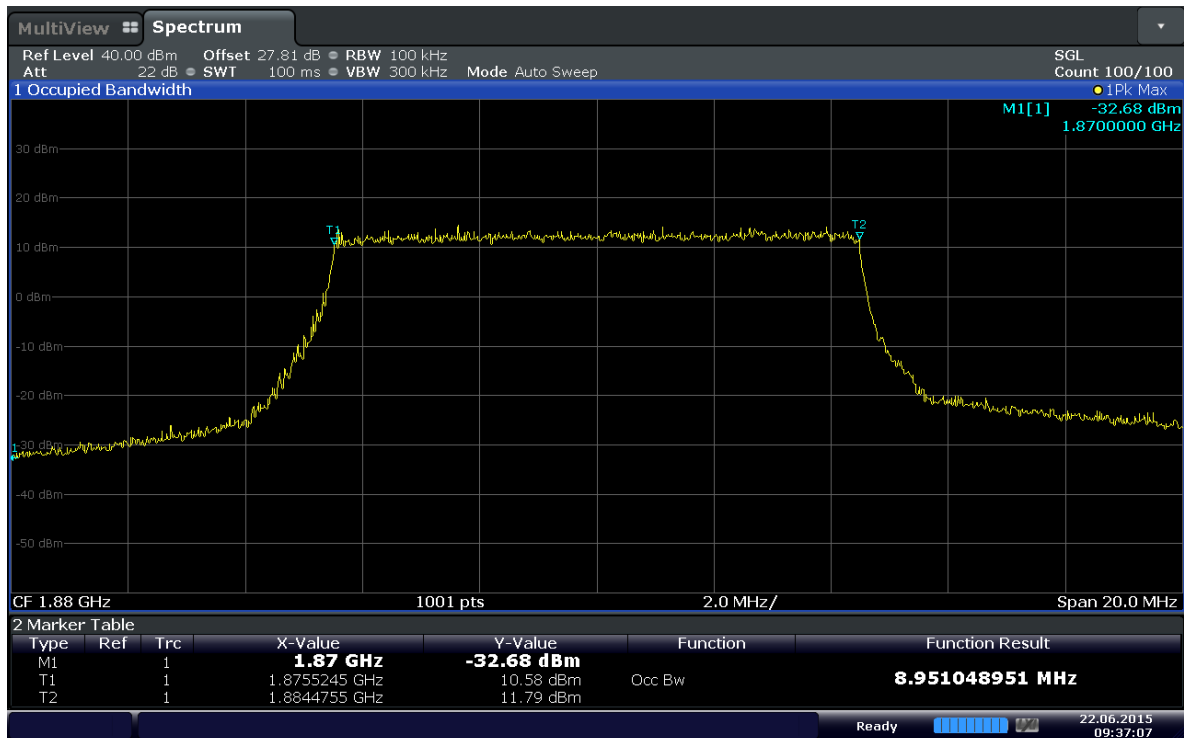
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Plot 6-5. Occupied Bandwidth Plot (Band 2 – 5.0MHz QPSK - RB Size 25)



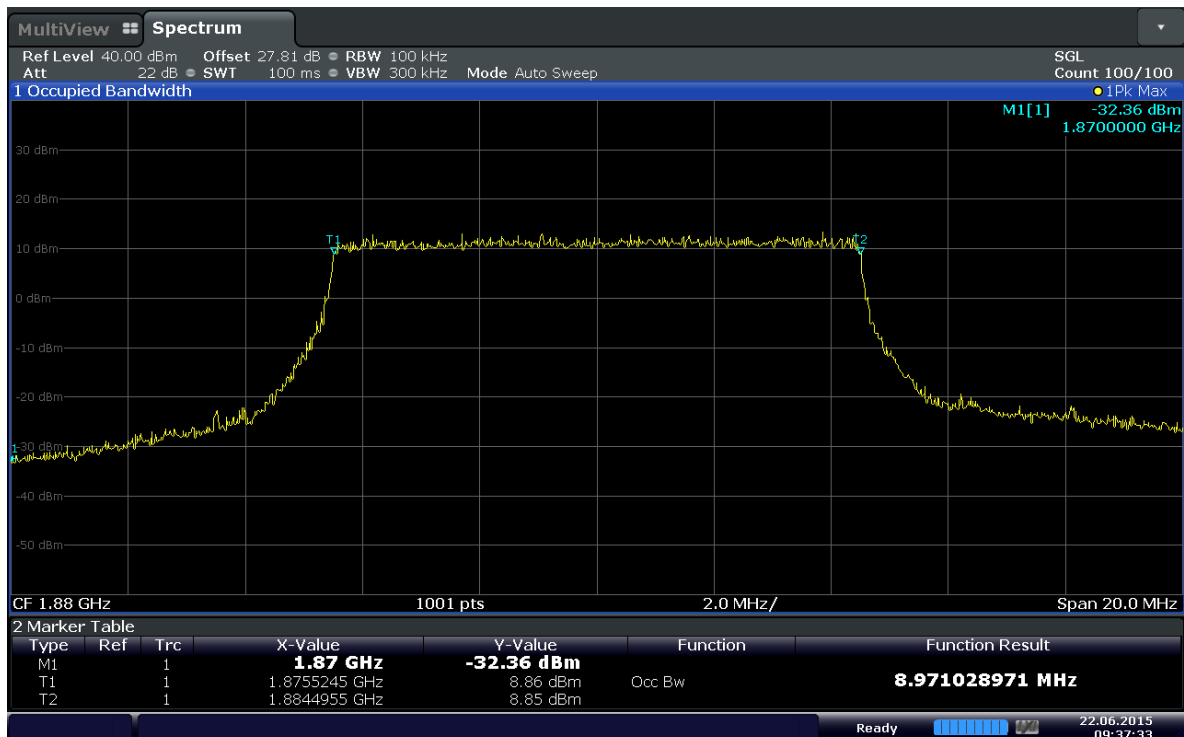
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Plot 6-6. Occupied Bandwidth Plot (Band 2 – 5.0MHz 16QAM - RB Size 25)



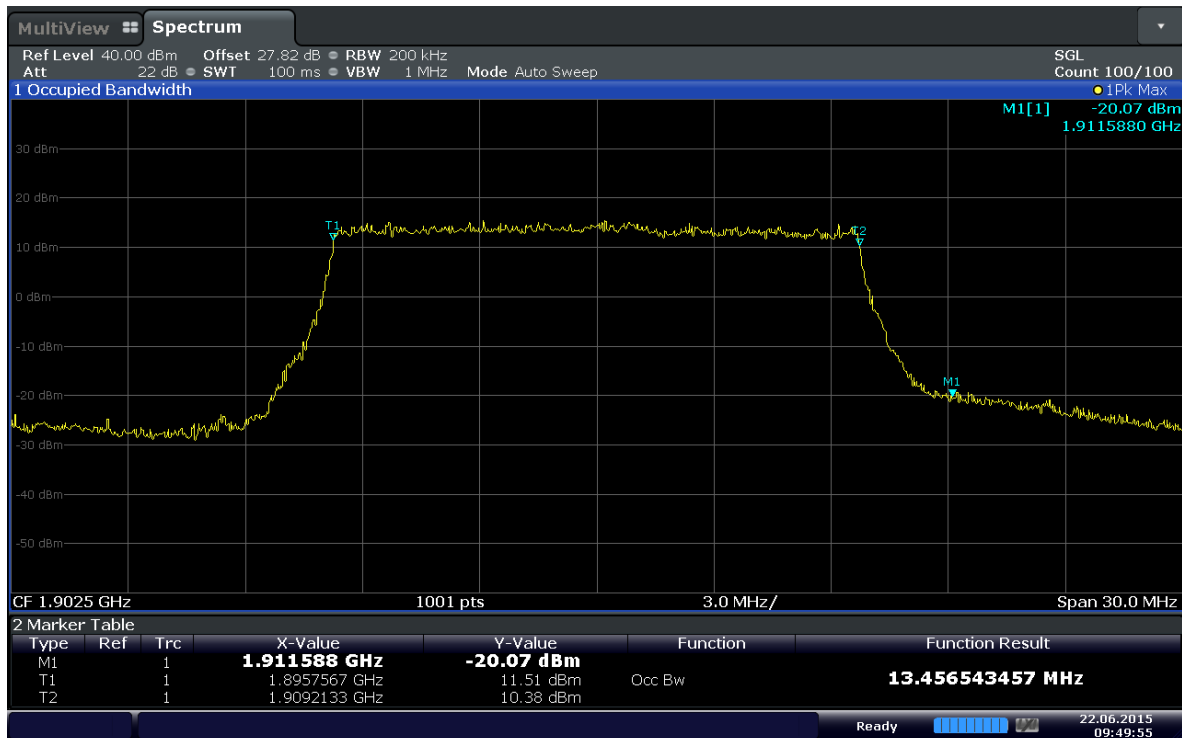
Date: 22.JUN.2015 09:37:07

Plot 6-7. Occupied Bandwidth Plot (Band 2 - 10.0MHz QPSK - RB Size 50)



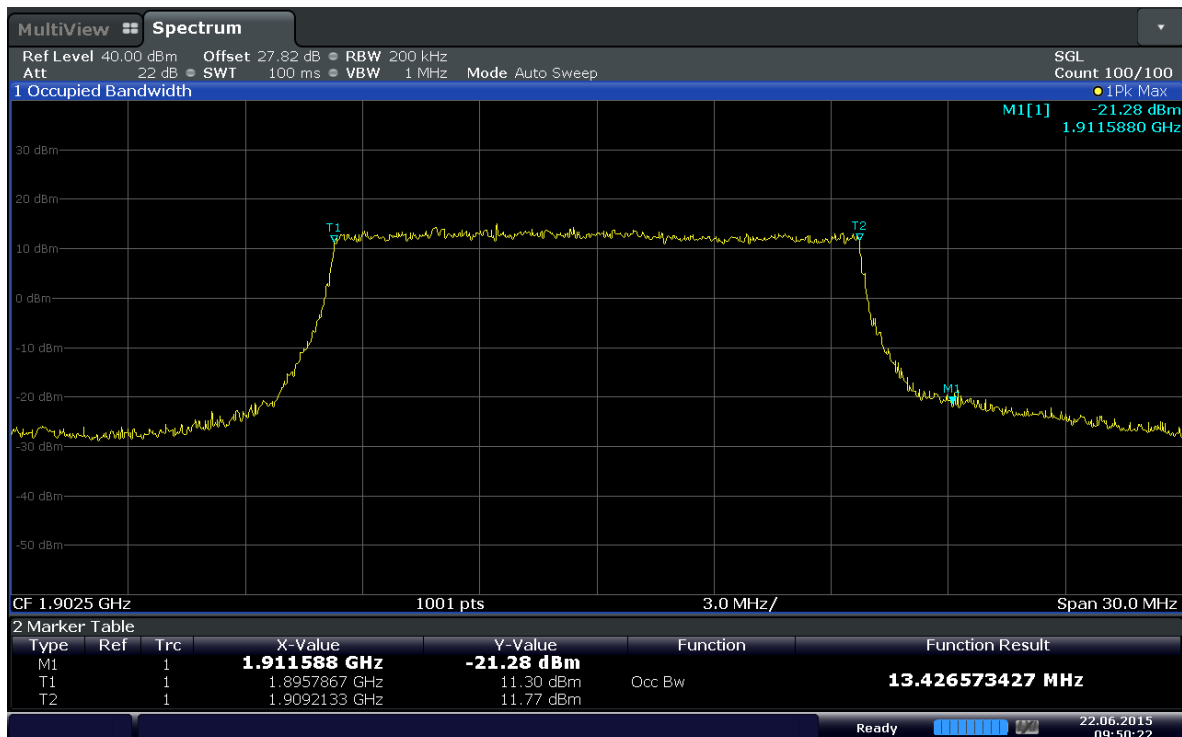
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Plot 6-8. Occupied Bandwidth Plot (Band 2 - 10.0MHz 16QAM - RB Size 50)



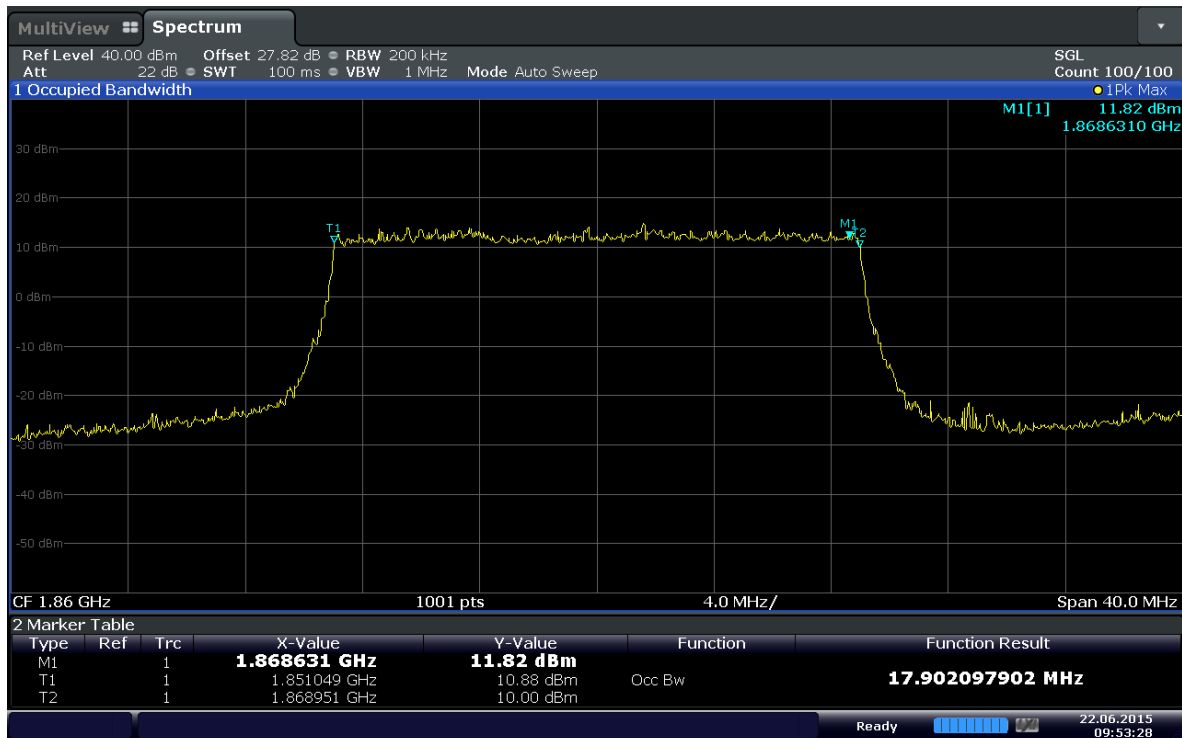
Date: 22.JUN.2015 09:49:55

Plot 6-9. Occupied Bandwidth Plot (Band 2 - 15.0MHz QPSK - RB Size 75)



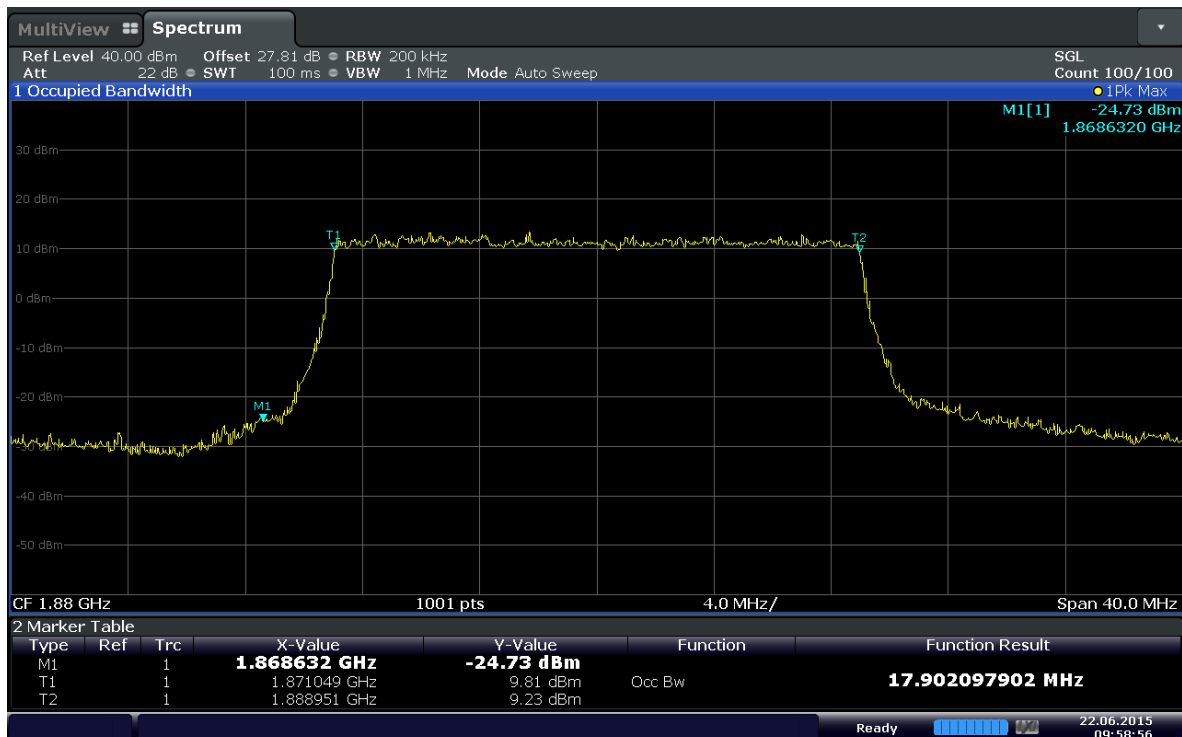
Date: 22.JUN.2015 09:50:22

Plot 6-10. Occupied Bandwidth Plot (Band 2 - 15.0MHz 16QAM - RB Size 75)



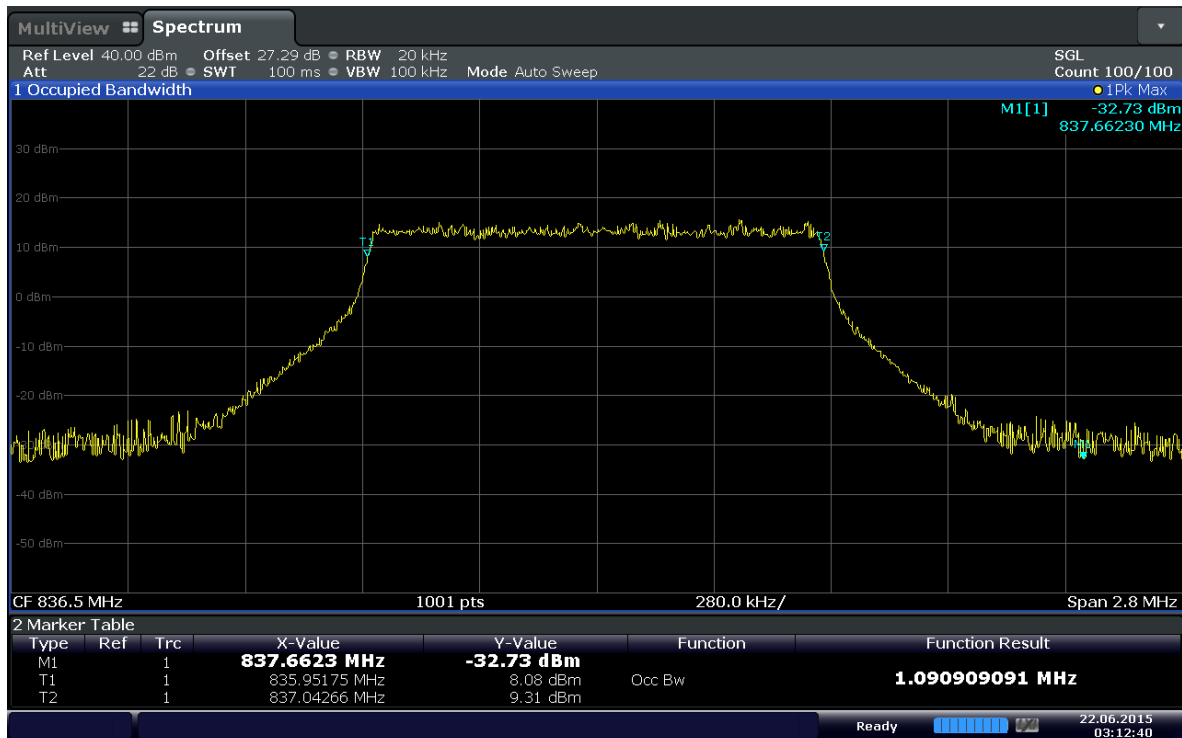
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Plot 6-11. Occupied Bandwidth Plot (Band 2 - 20.0MHz QPSK - RB Size 100)



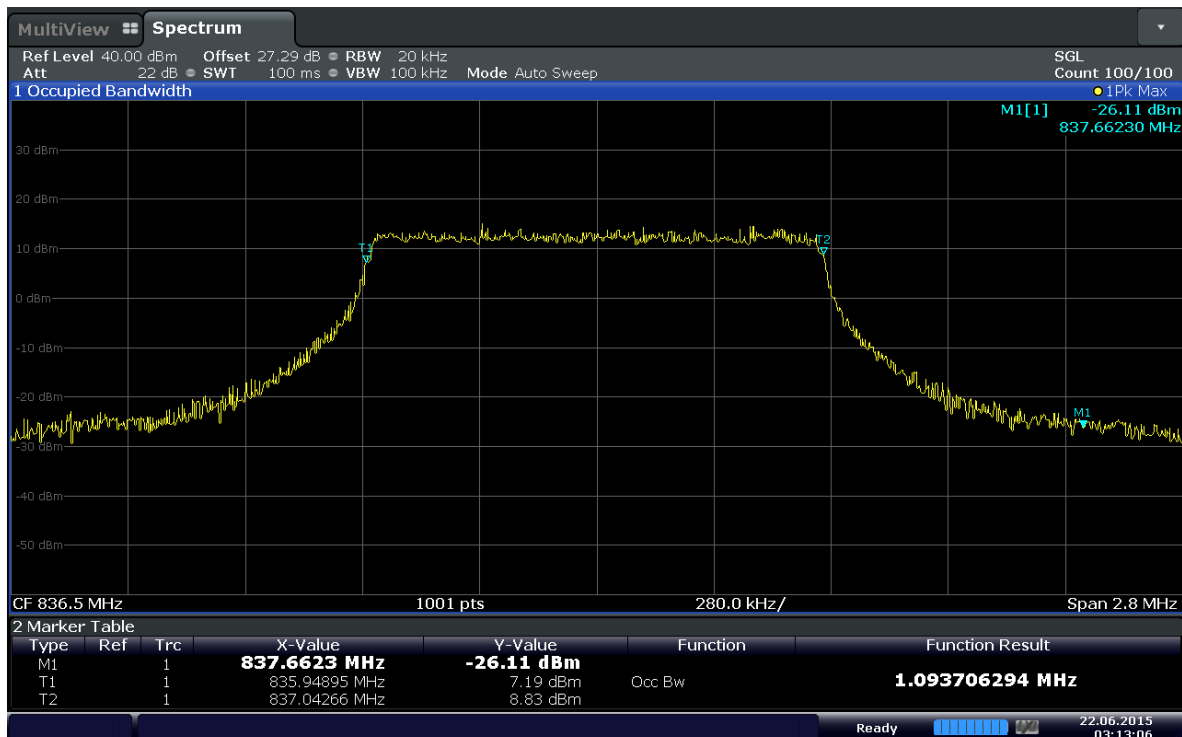
Date: 22.JUN.2015 09:58:56

Plot 6-12. Occupied Bandwidth Plot (Band 2 - 20.0MHz 16QAM - RB Size 100)



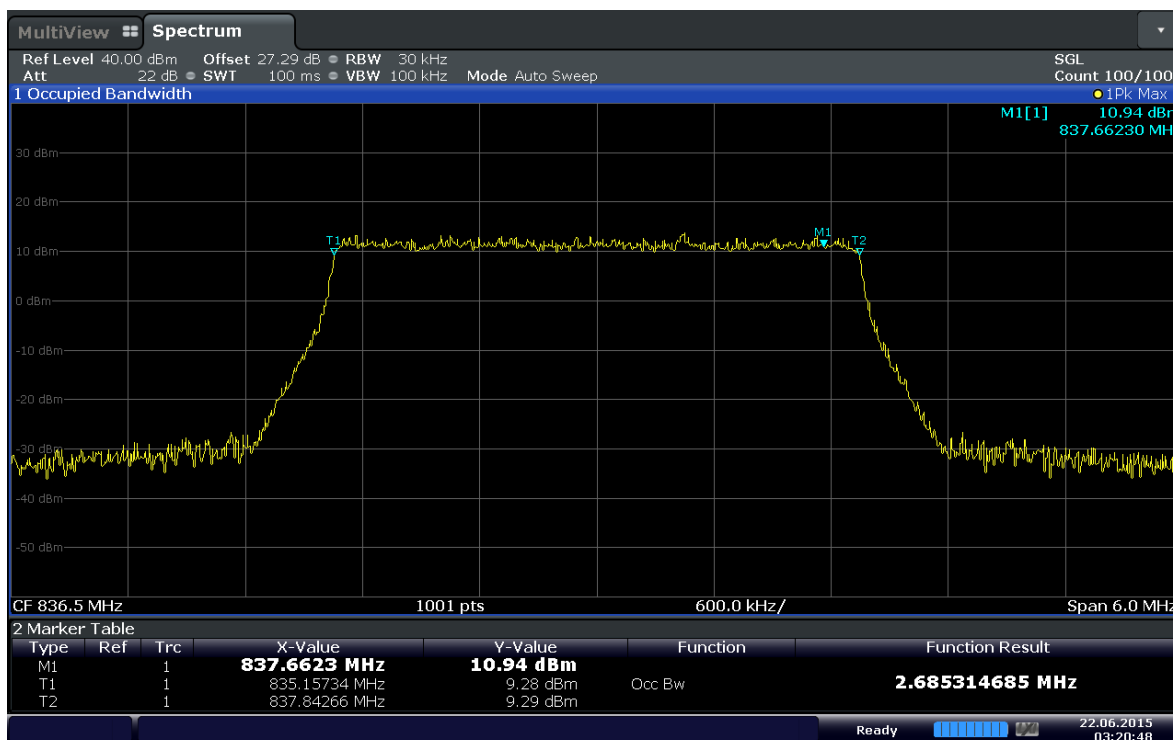
Date: 22.JUN.2015 03:12:40

Plot 6-13. Occupied Bandwidth Plot (Band 26 – 1.4MHz QPSK - RB Size 6)



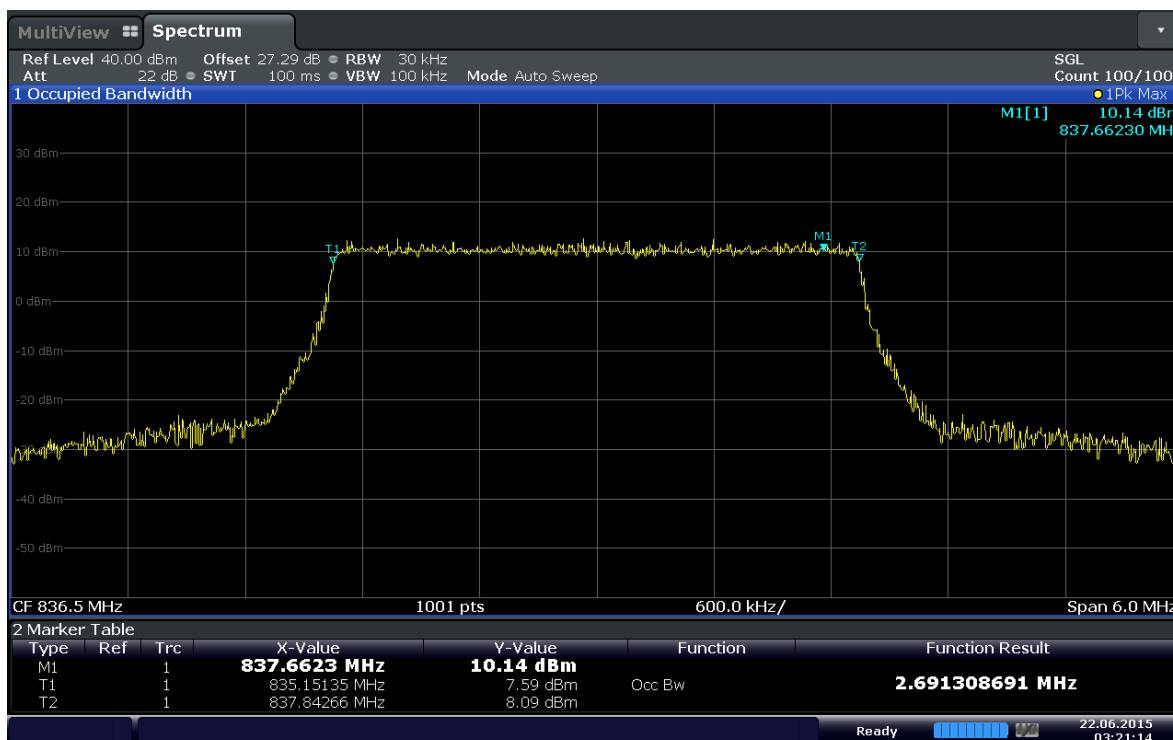
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Plot 6-14. Occupied Bandwidth Plot (Band 26 – 1.4MHz 16QAM - RB Size 6)



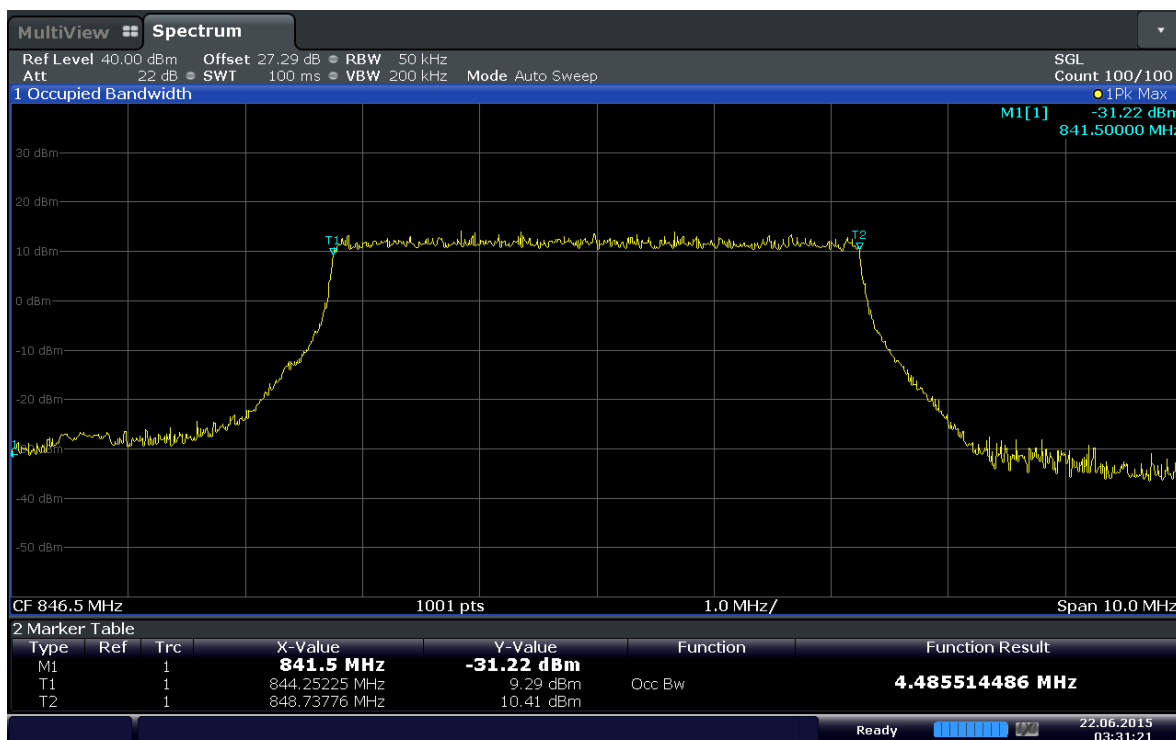
Date: 22.JUN.2015 03:20:48

Plot 6-15. Occupied Bandwidth Plot (Band 26 - 3.0MHz QPSK - RB Size 15)



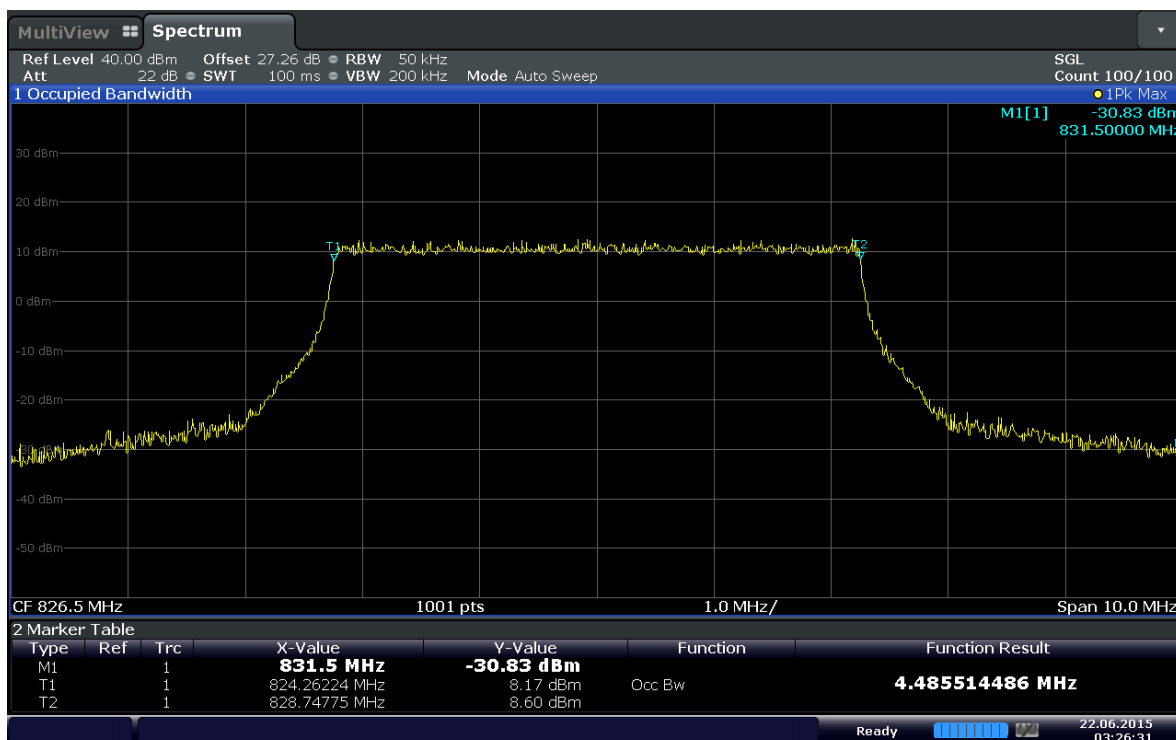
Date: 22.JUN.2015 03:21:14

Plot 6-16. Occupied Bandwidth Plot (Band 26 - 3.0MHz 16QAM - RB Size 15)



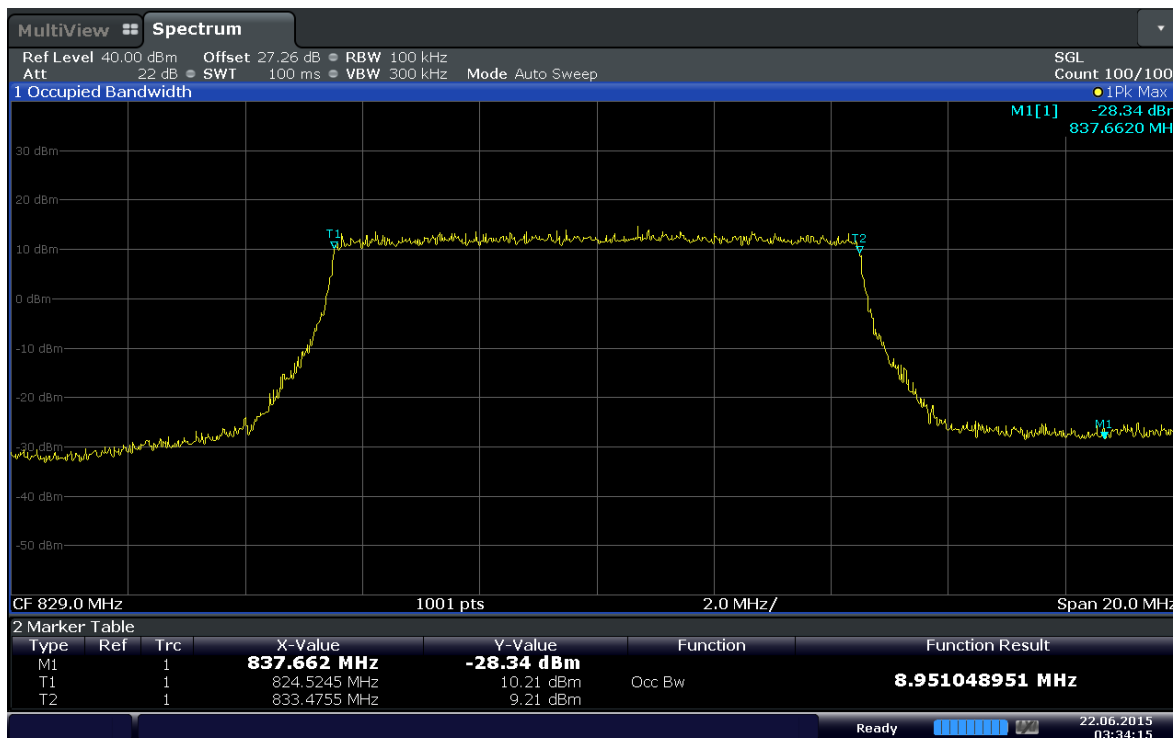
Date: 22.JUN.2015 03:31:22

Plot 6-17. Occupied Bandwidth Plot (Band 26 - 5.0MHz QPSK - RB Size 25)



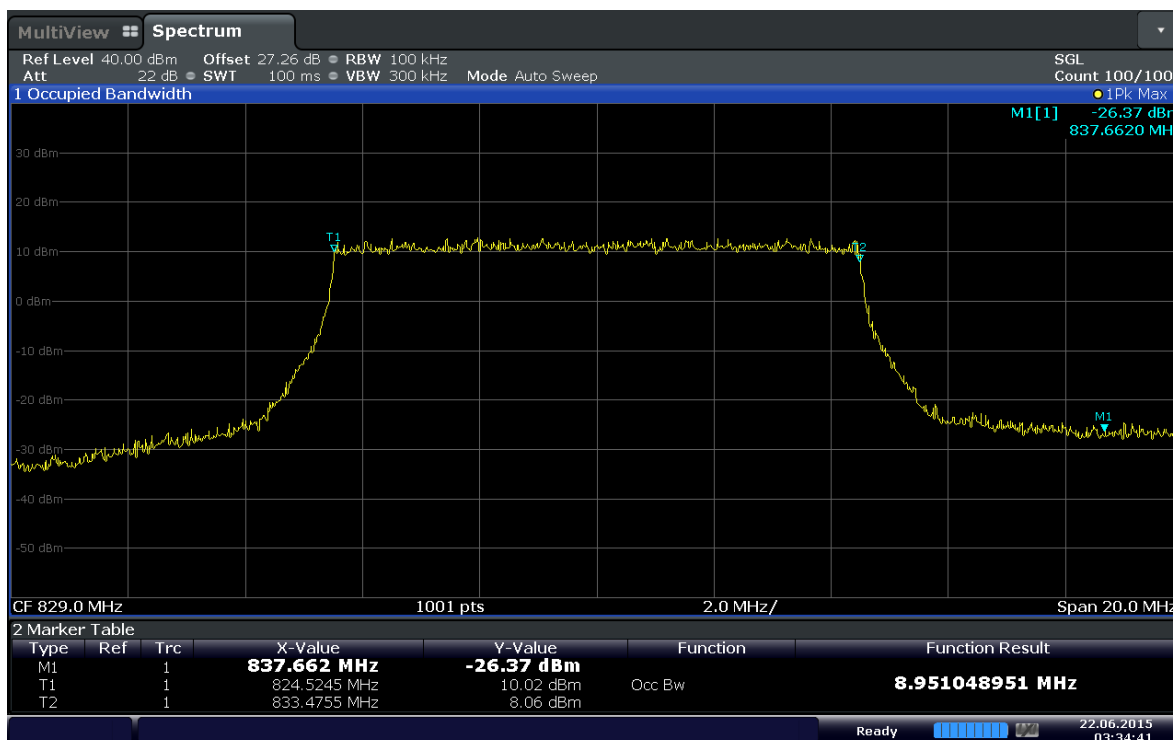
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Plot 6-18. Occupied Bandwidth Plot (Band 26 - 5.0MHz 16QAM - RB Size 25)



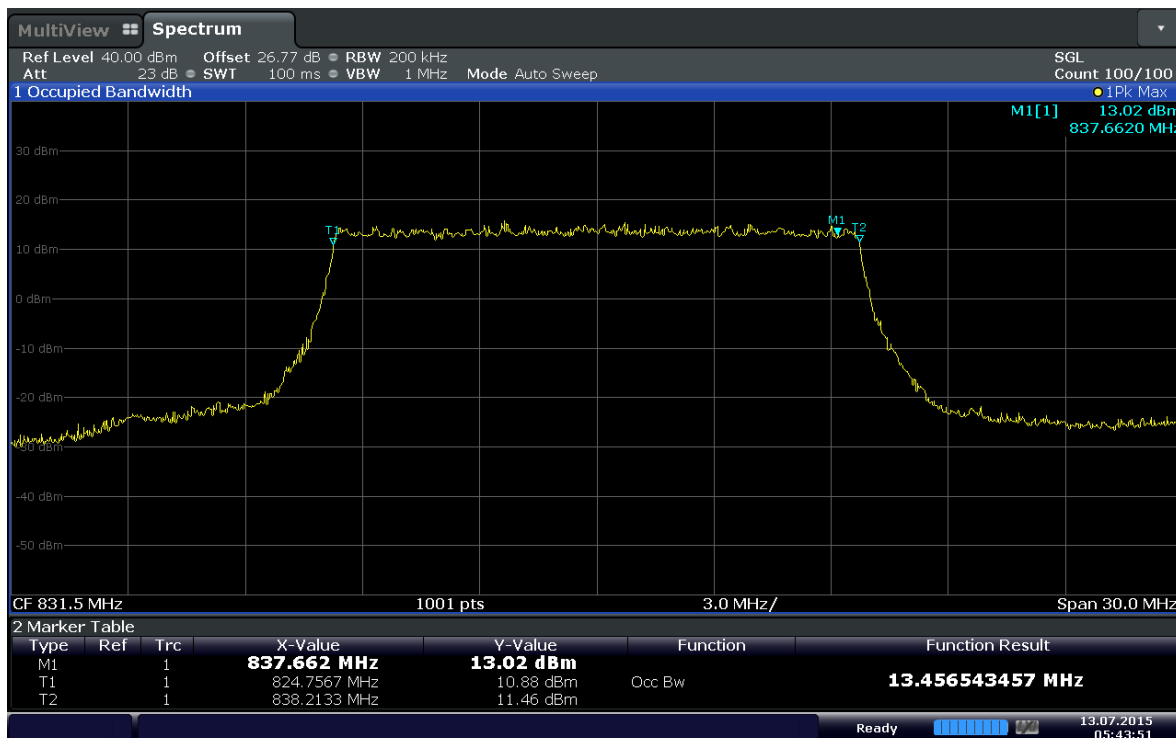
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Plot 6-19. Occupied Bandwidth Plot (Band 26 - 10.0MHz QPSK - RB Size 50)



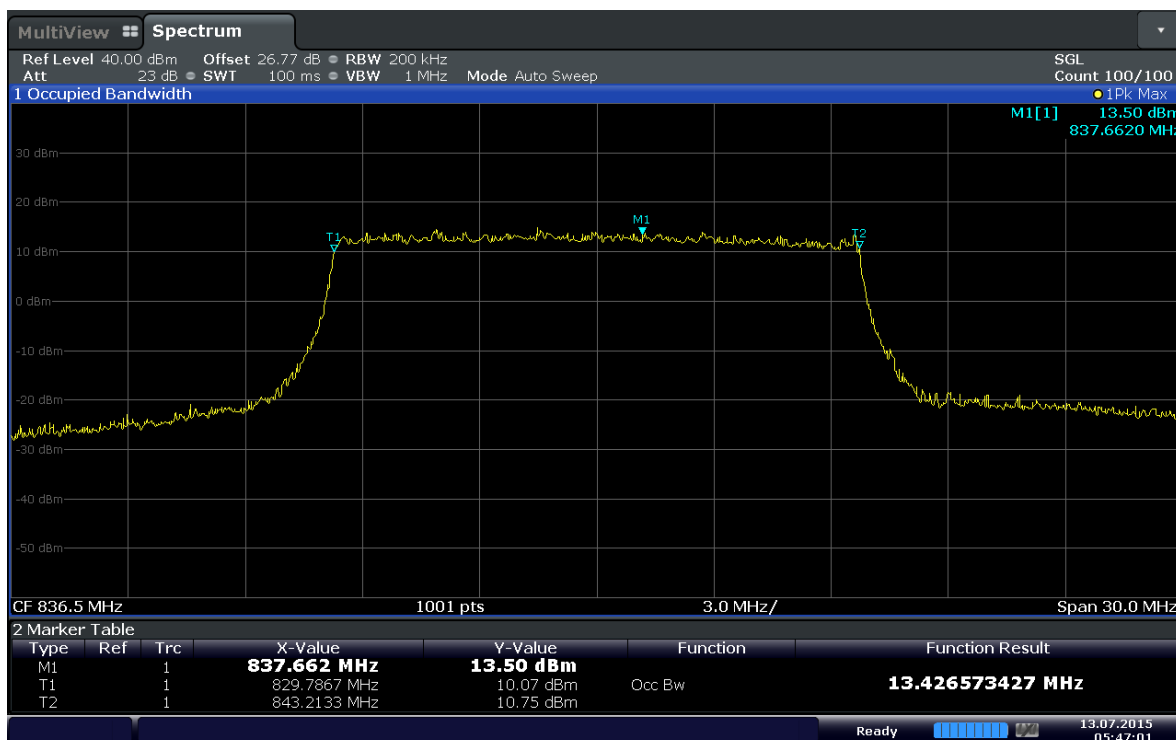
Date: 22.JUN.2015 03:34:42

Plot 6-20. Occupied Bandwidth Plot (Band 26 - 10.0MHz 16QAM - RB Size 50)



Date: 13.JUL.2015 05:43:51

Plot 6-21. Occupied Bandwidth Plot (Band 26 - 15.0MHz QPSK - RB Size 75)



Date: 13.JUL.2015 05:47:01

Plot 6-22. Occupied Bandwidth Plot (Band 26 - 15.0MHz 16QAM - RB Size 75)

6.3. Spurious and Harmonic Emissions at Antenna Terminal §2.1051 §22.917(a) §24.238(a)

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

The minimum permissible attenuation level of any spurious emission is $43 + 10 \log_{10}(P_{[\text{Watts}]})$, where P is the transmitter power in Watts. Limit equivalent to -13dBm, calculation shown below.

$$\begin{aligned} 43 + 10 \log_{10}(1.567\text{W}) &= 44.95 \text{ dB} \\ 1.567\text{W} &= 31.95 \text{ dBm} \\ 31.95 \text{ dBm} - 44.95 \text{ dB} &= -13 \text{ dBm} \end{aligned}$$

Test Procedure Used

KDB 971168 v02r02 – Section 6.0

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 10GHz for Cell, 20GHz for PCS
2. RBW $\geq$ 1MHz
3. VBW $\geq$ 3 x RBW
4. Detector = RMS
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

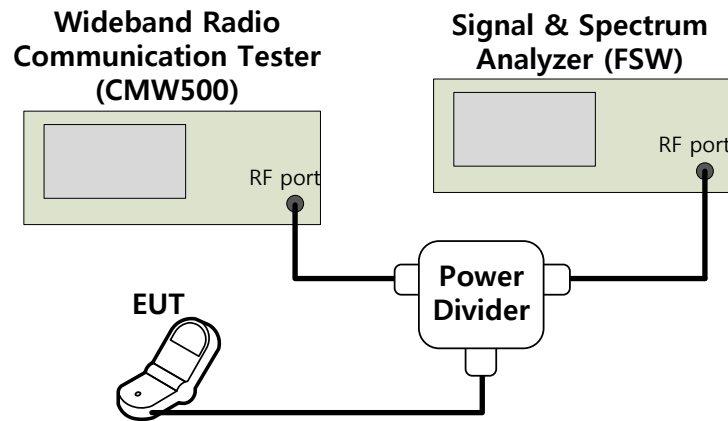
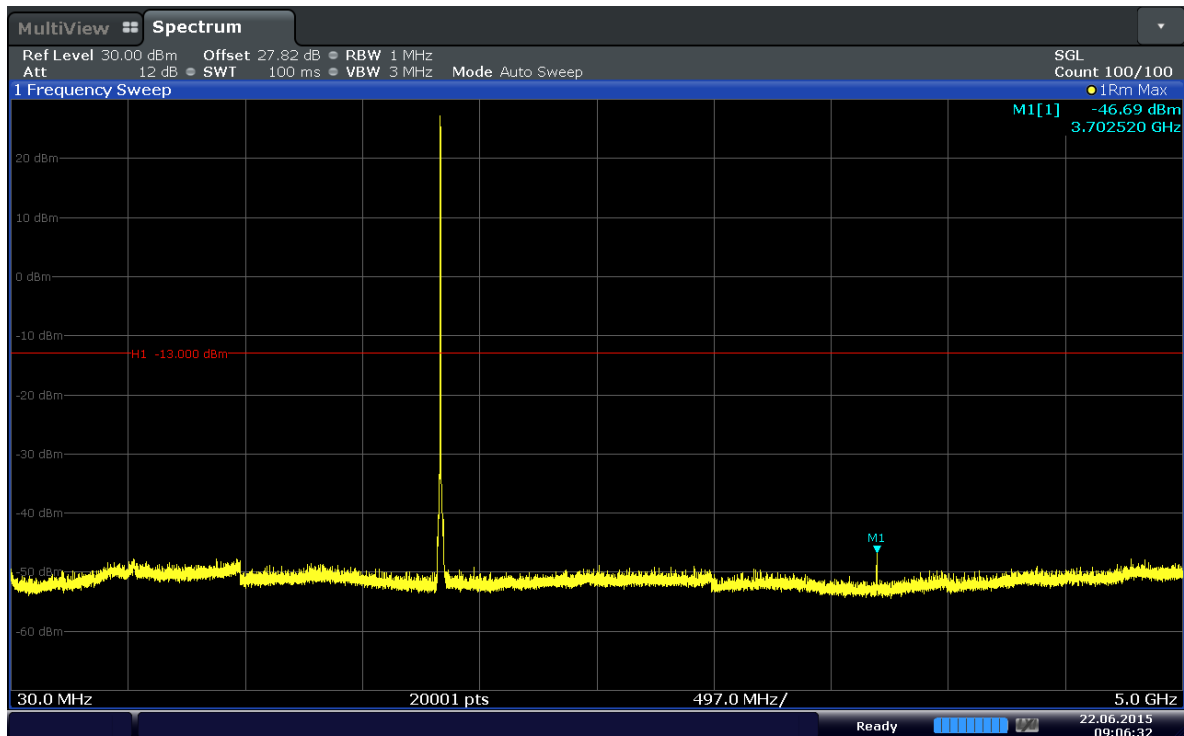


Figure 6-2. Test Instruments & Measurement Setup

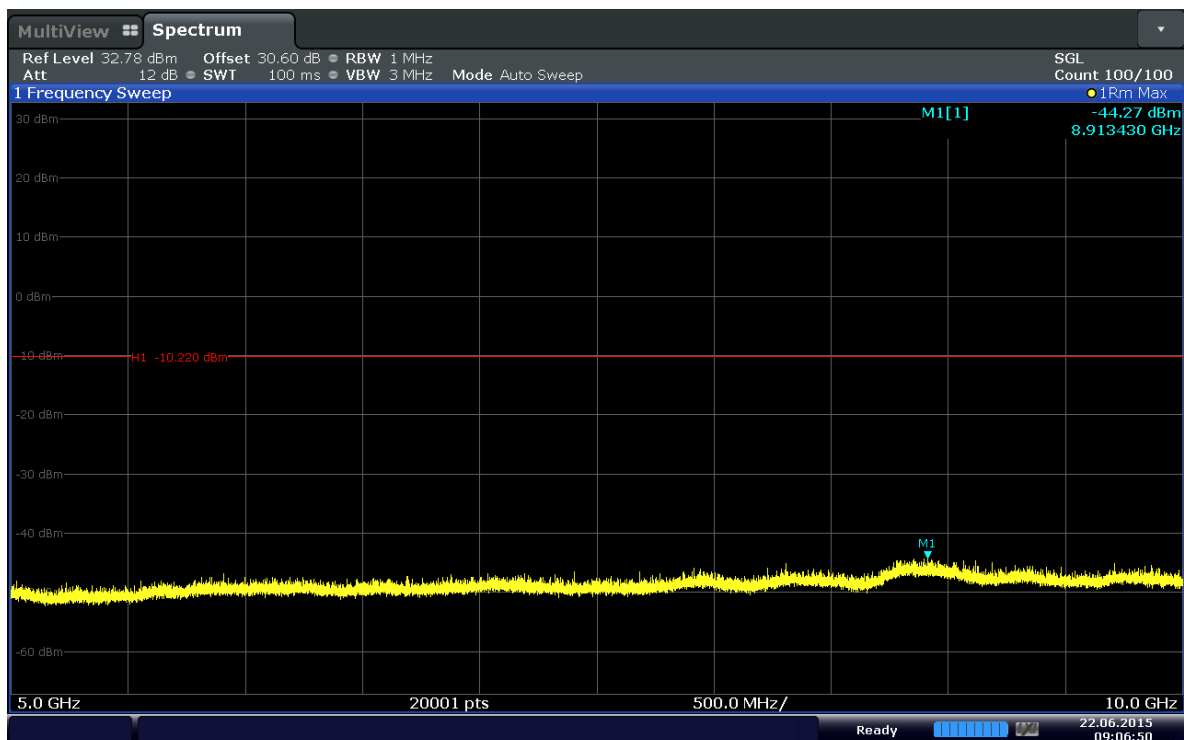
– End of this page –

Test Plots



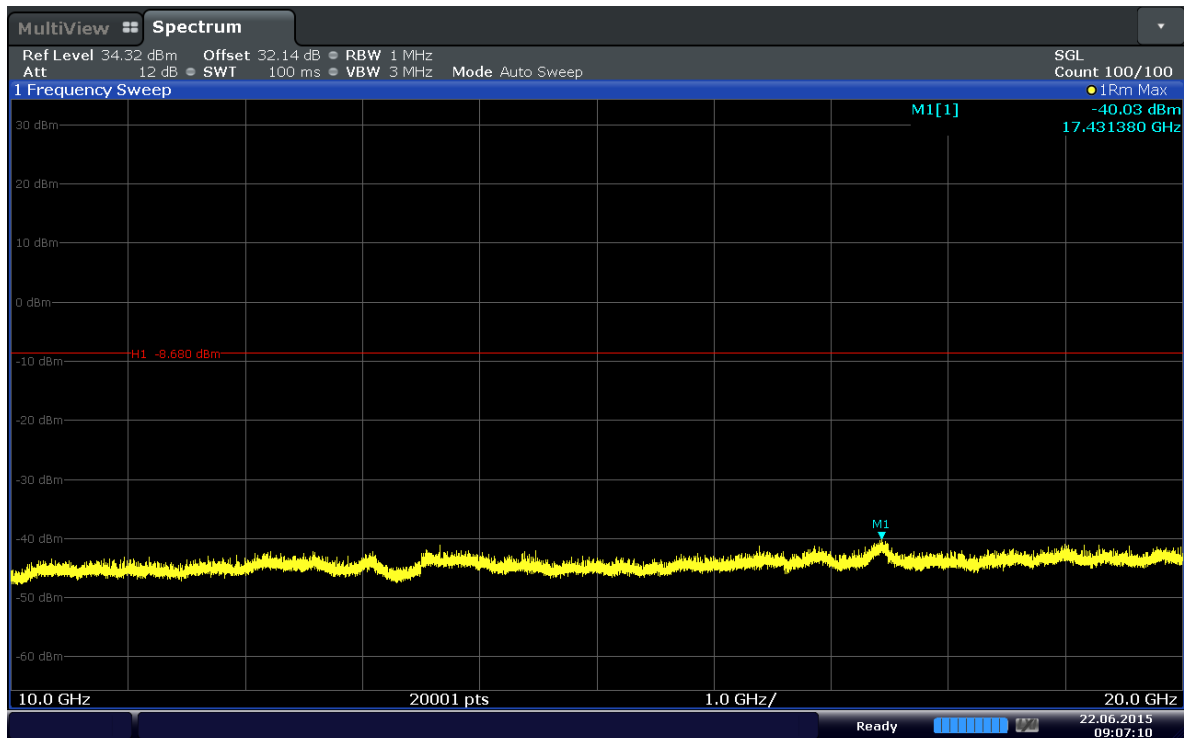
Date: 22.JUN.2015 09:06:33

Plot 6-23. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.18607)



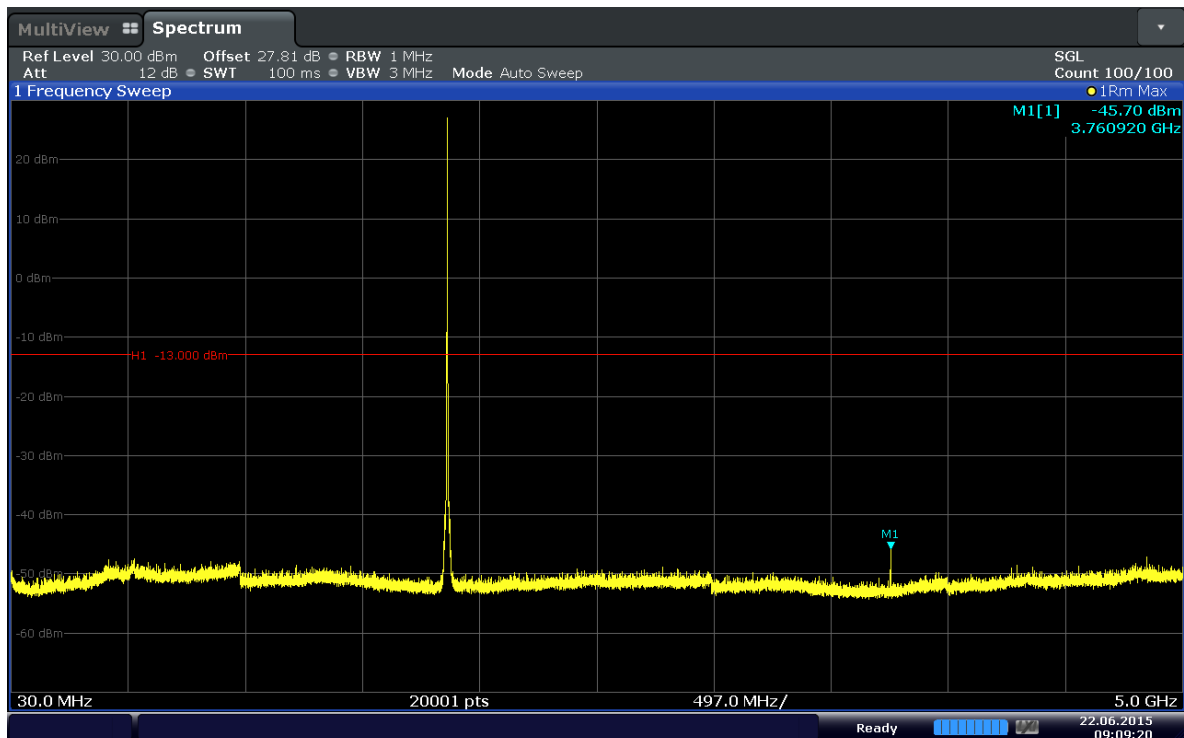
Date: 22.JUN.2015 09:06:50

Plot 6-24. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.18607)



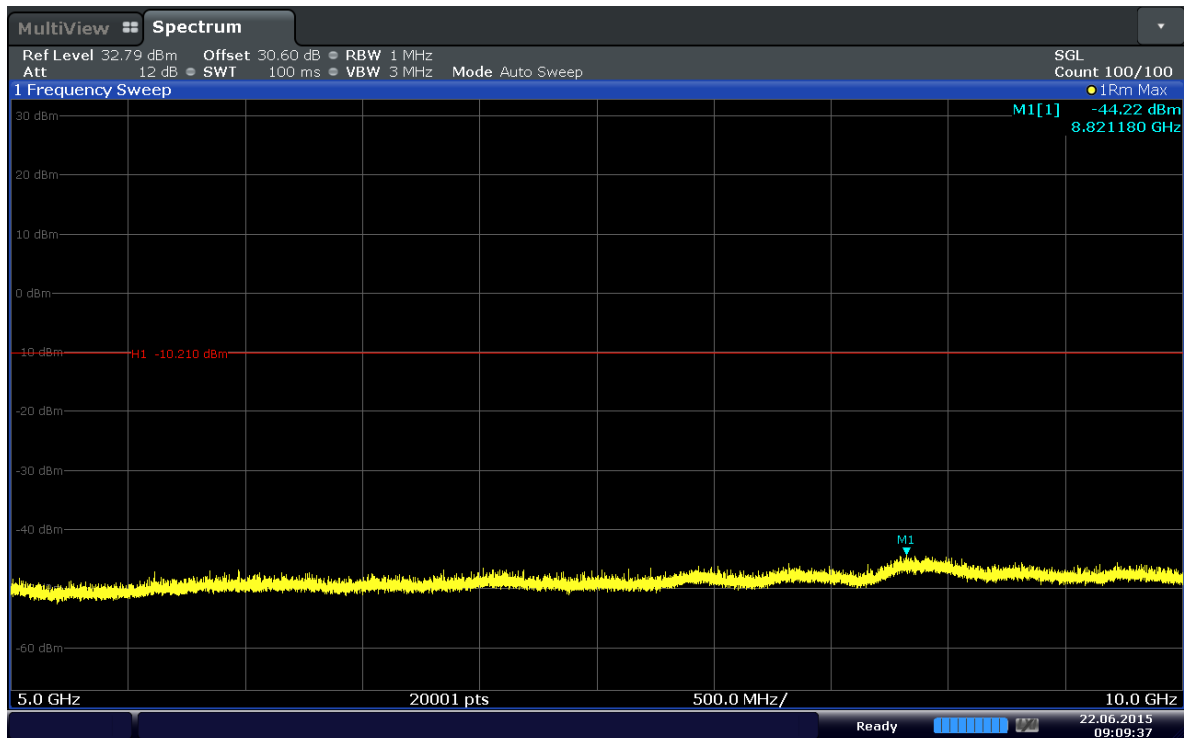
Date: 22.JUN.2015 09:07:11

Plot 6-25. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.18607)



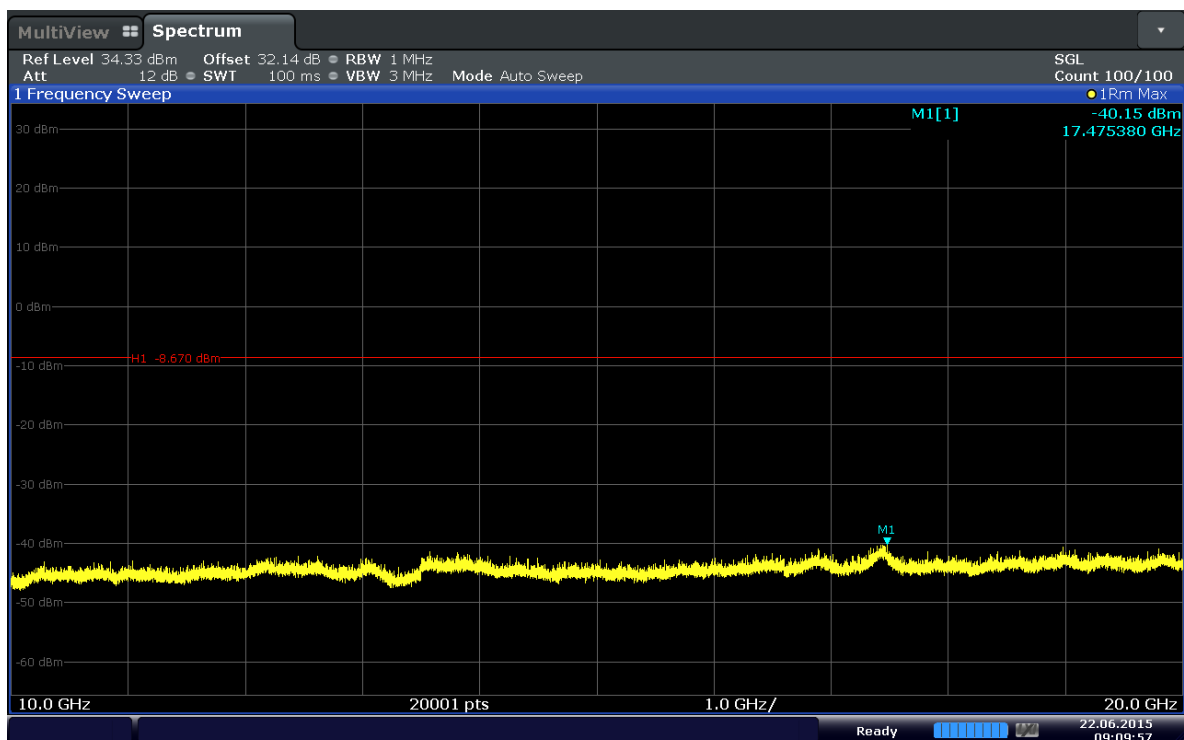
Date: 22.JUN.2015 09:09:20

Plot 6-26. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.18900)



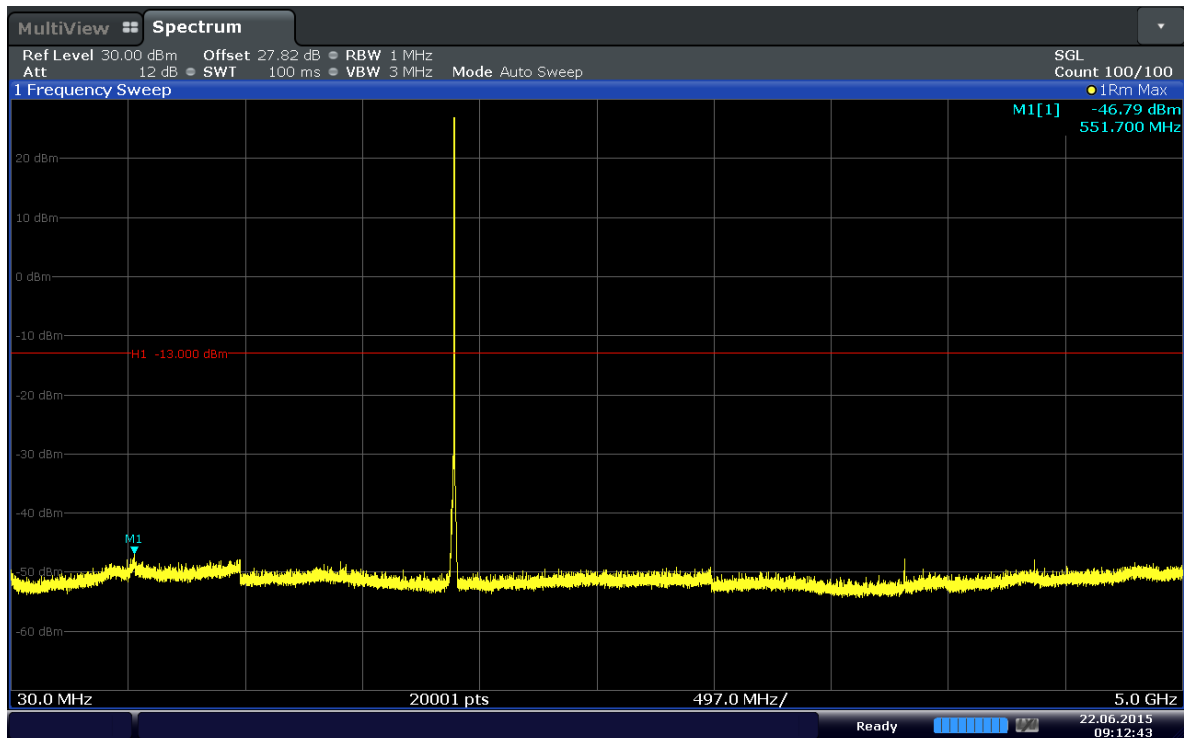
Date: 22.JUN.2015 09:09:37

Plot 6-27. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.18900)



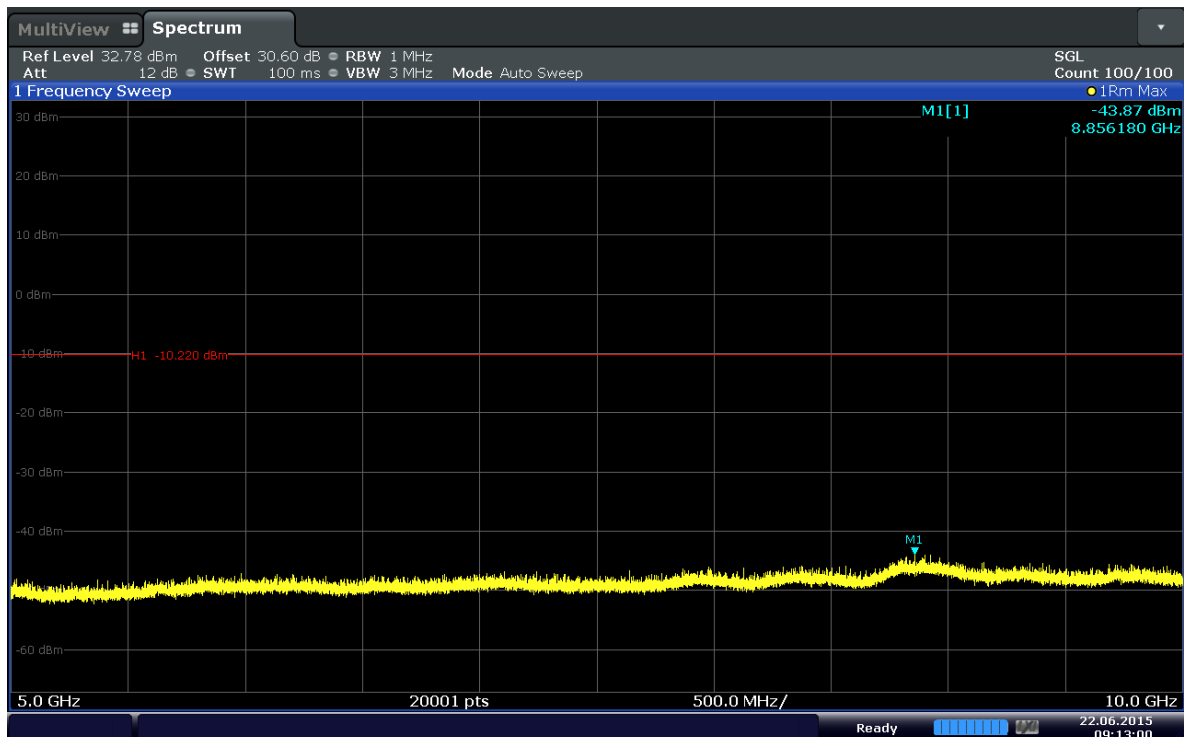
Date: 22.JUN.2015 09:09:57

Plot 6-28. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.18900)



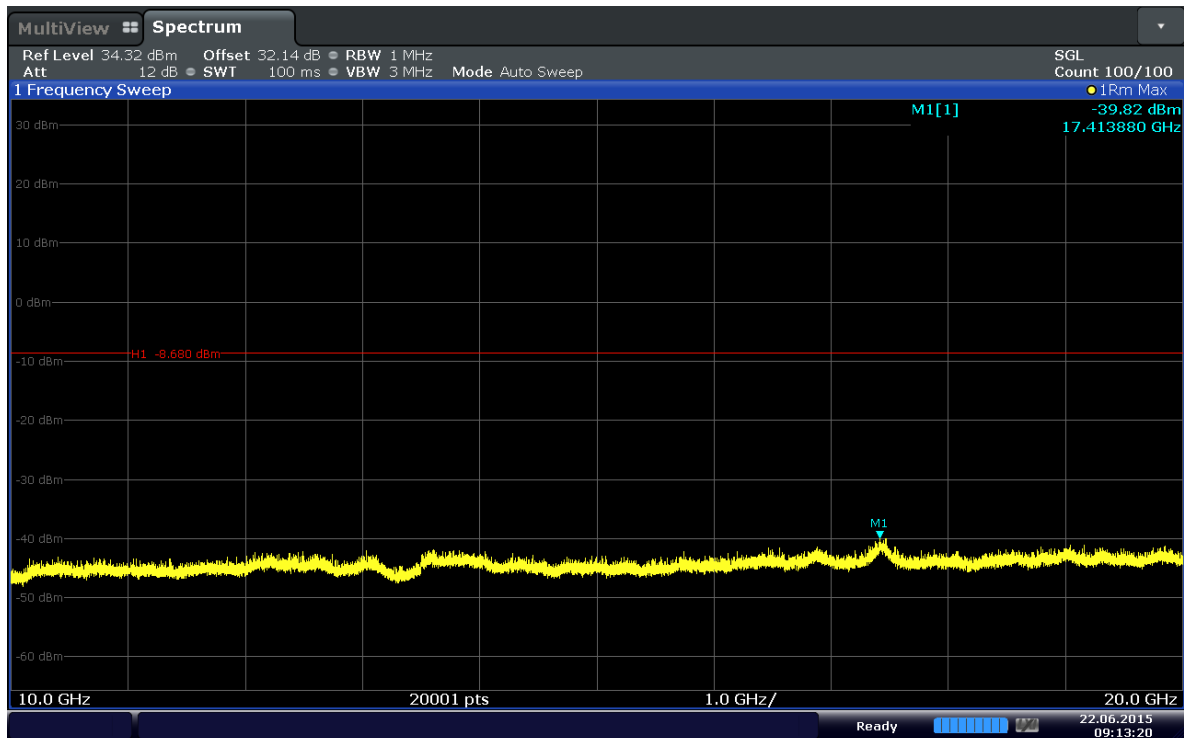
Date: 22.JUN.2015 09:12:43

Plot 6-29. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.19193)



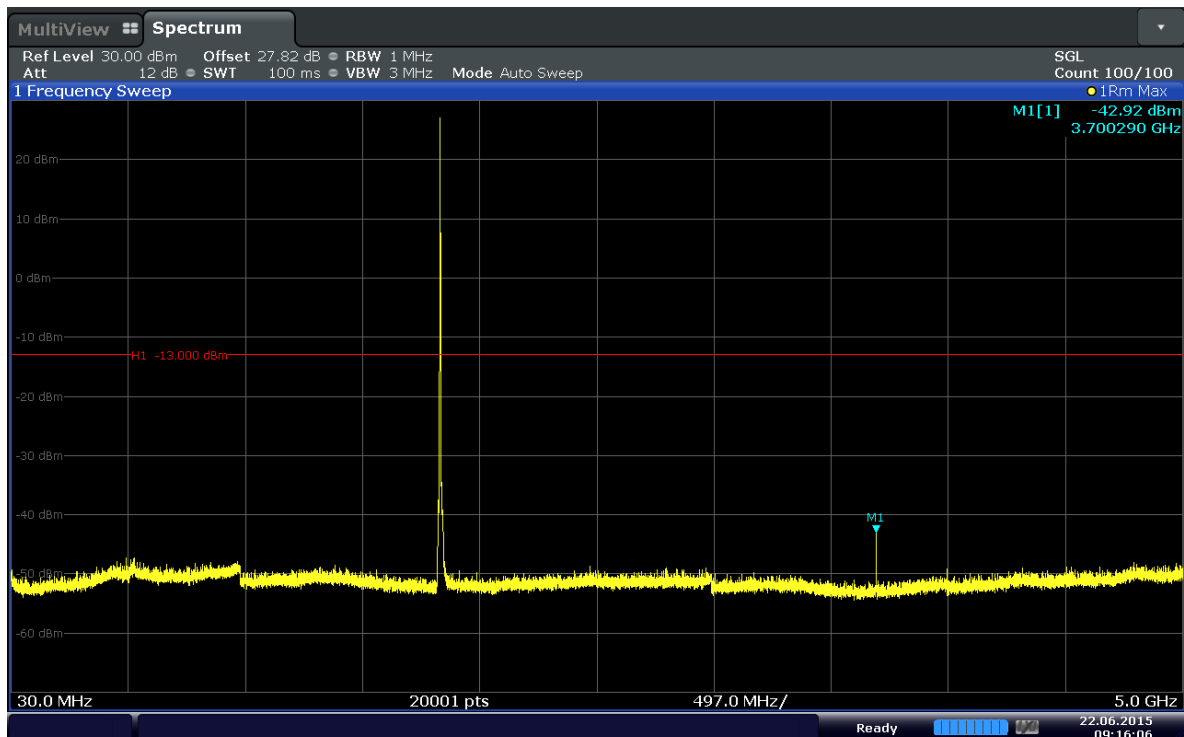
Date: 22.JUN.2015 09:13:00

Plot 6-30. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.19193)



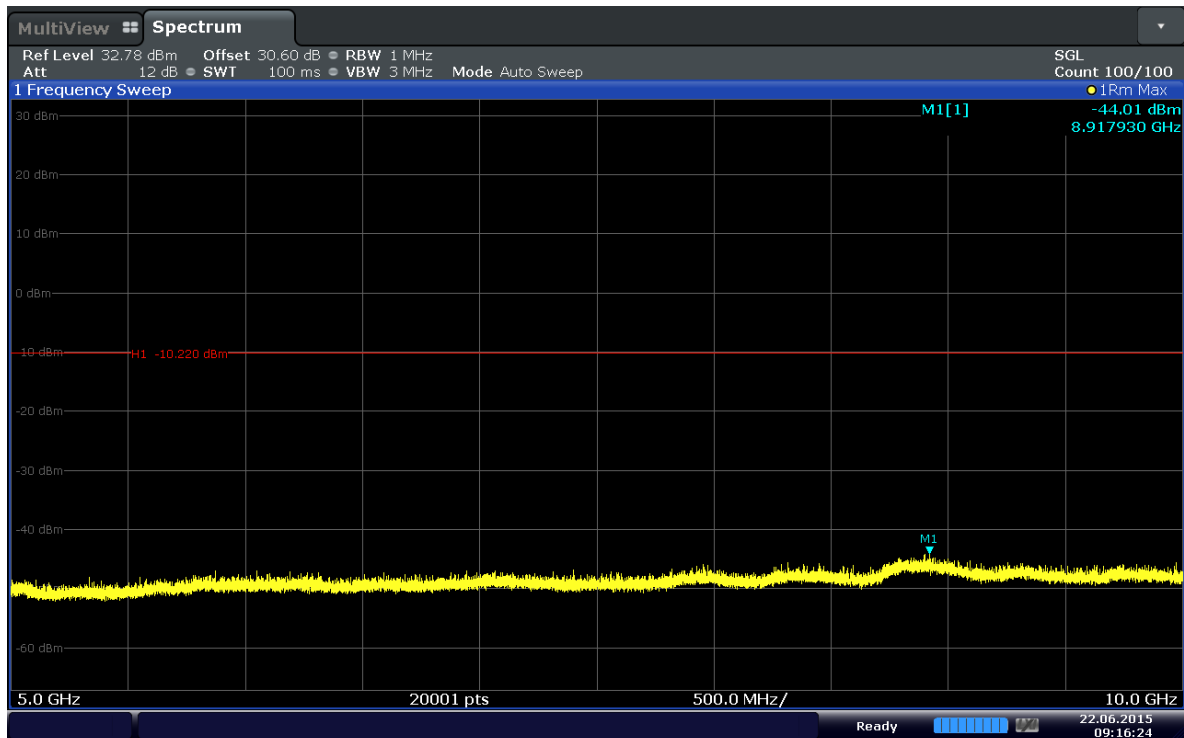
Date: 22.JUN.2015 09:13:20

Plot 6-31. Conducted Spurious Plot (Band 2–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.19193)



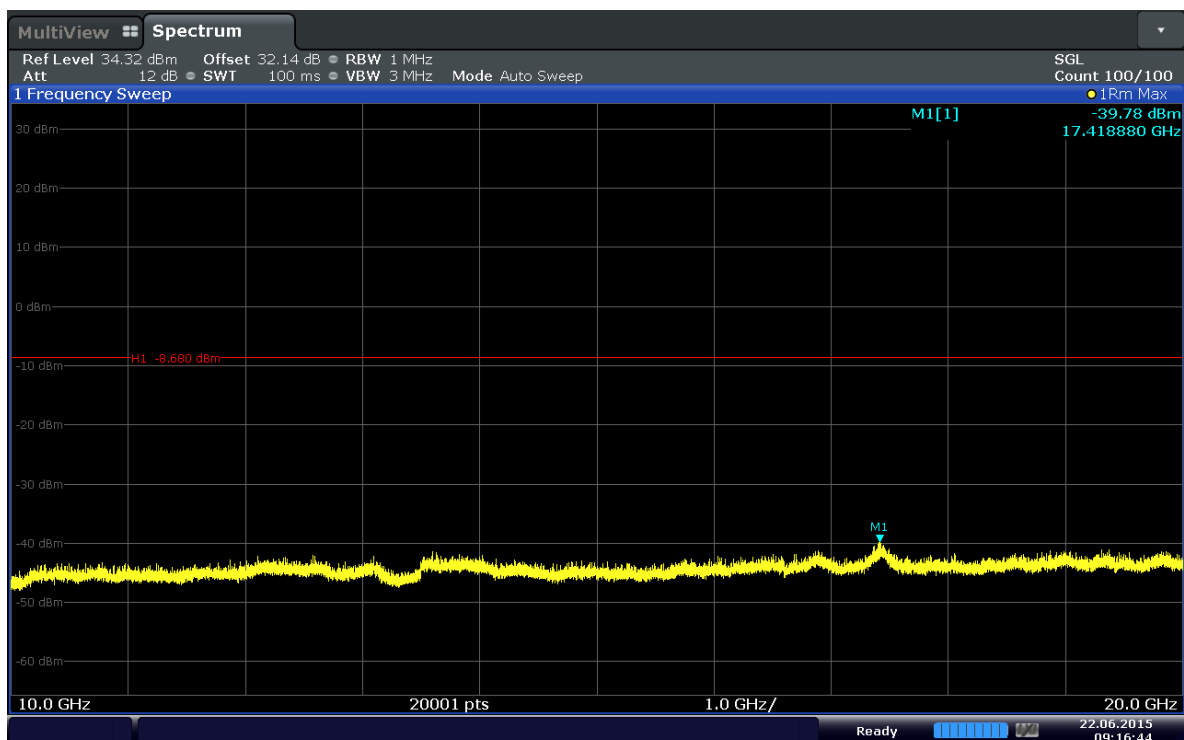
Date: 22.JUN.2015 09:16:06

Plot 6-32. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18615)



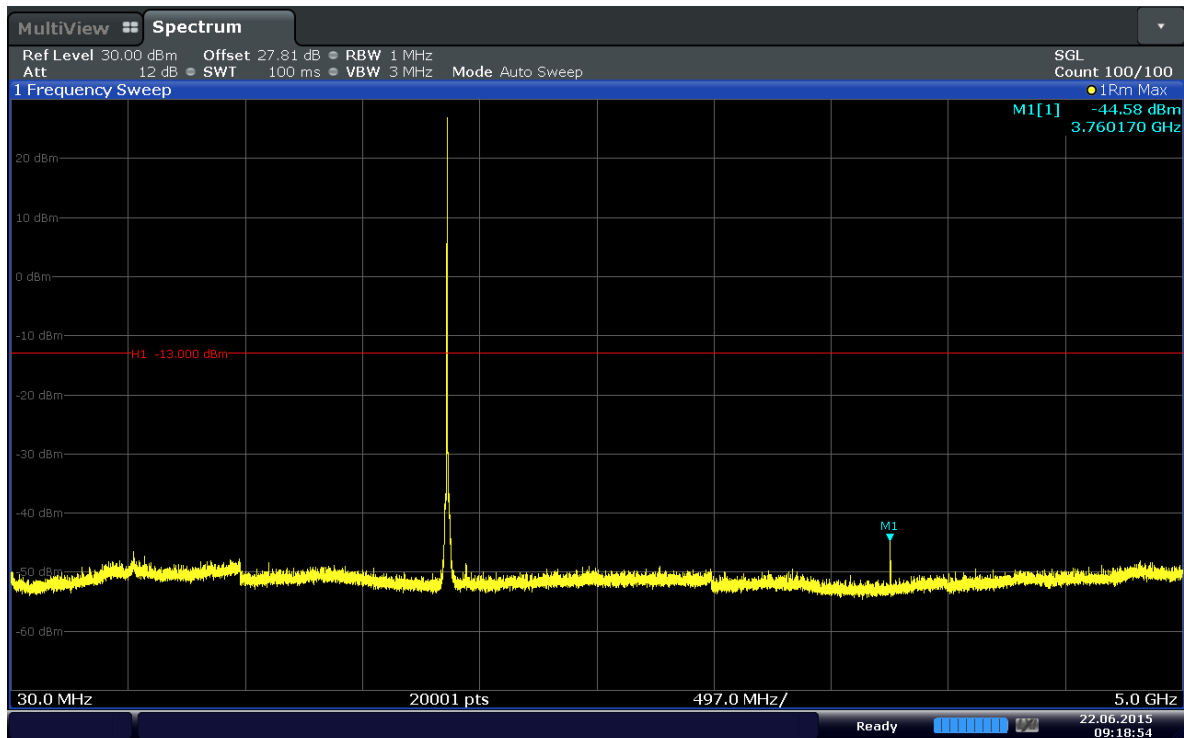
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Plot 6-33. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18615)



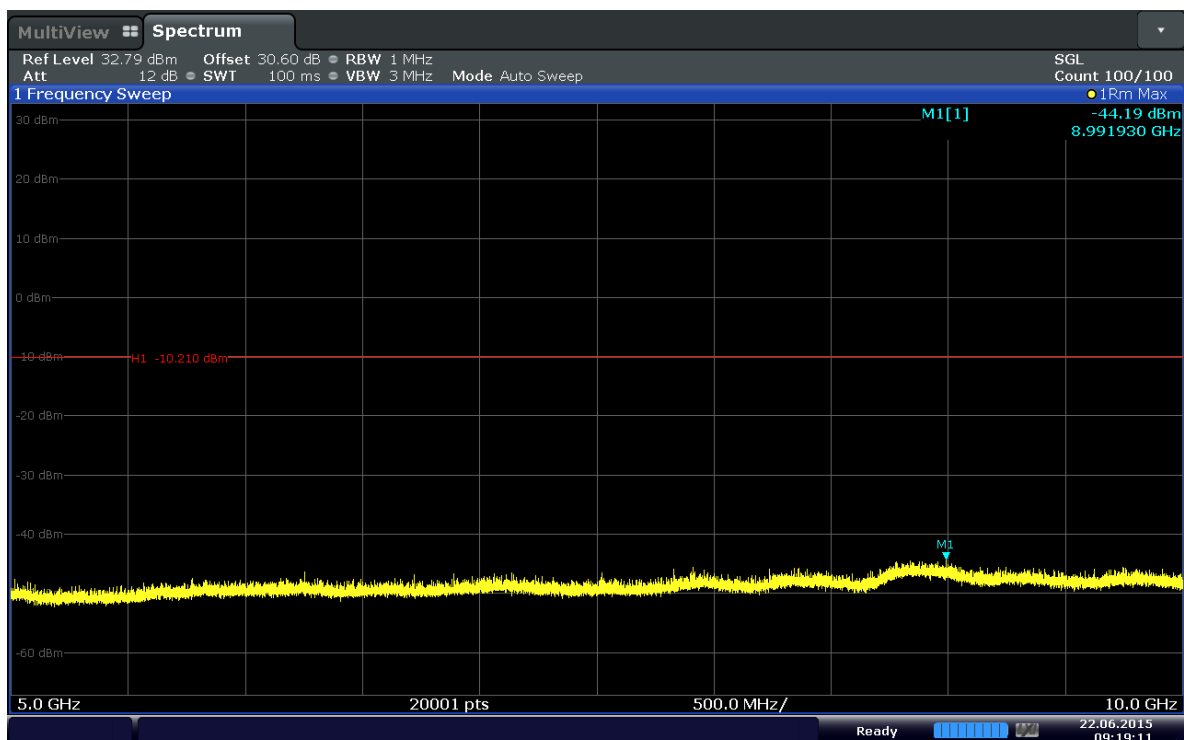
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Plot 6-34. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18615)



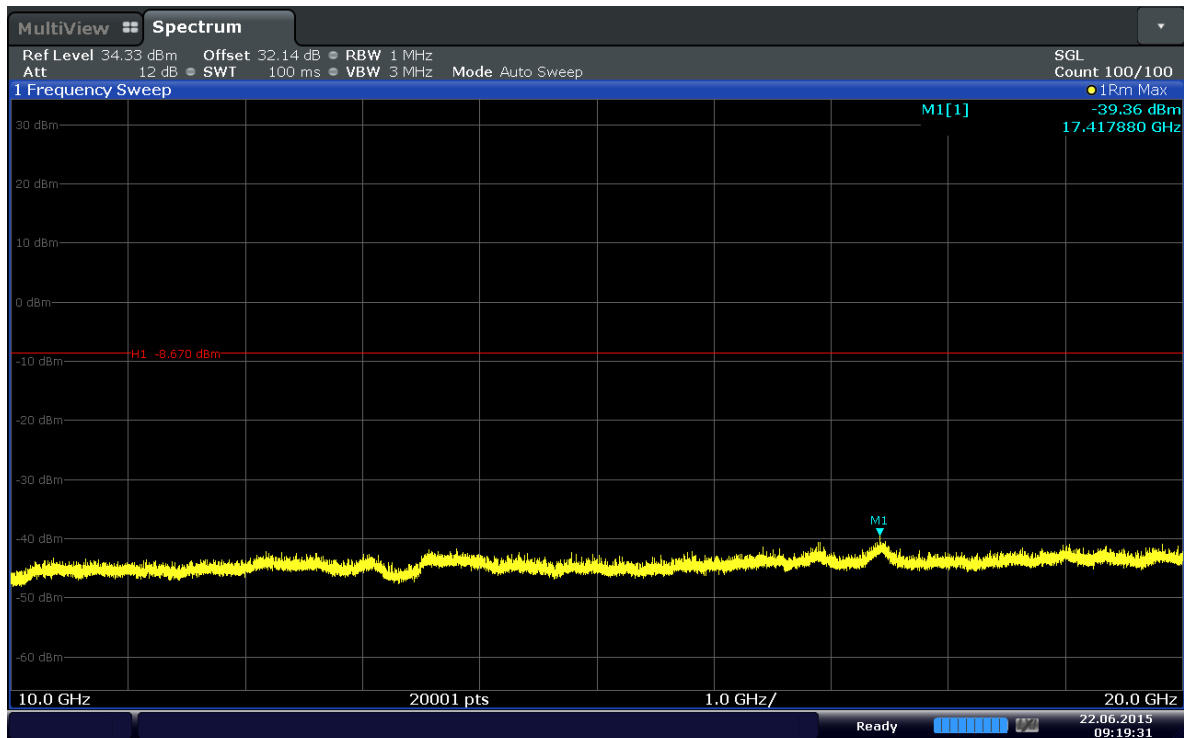
Date: 22.JUN.2015 09:18:54

Plot 6-35. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 7–Ch.18900)



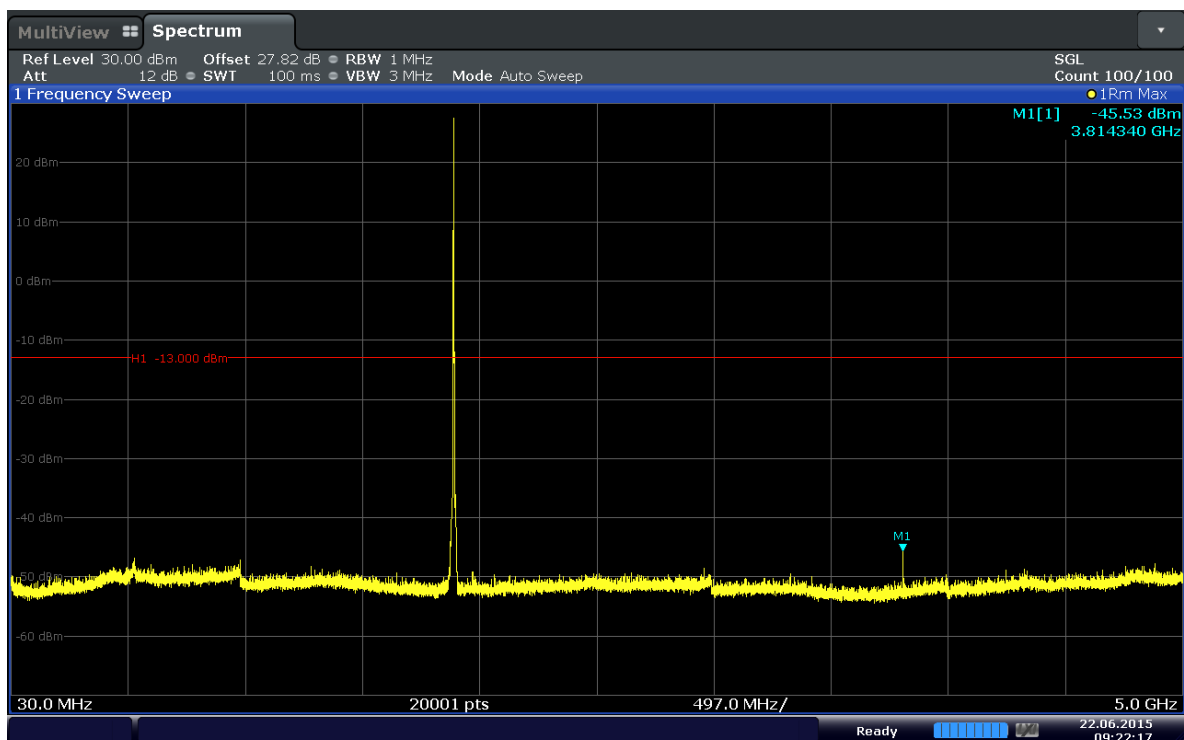
Date: 22.JUN.2015 09:19:11

Plot 6-36. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 7–Ch.18900)



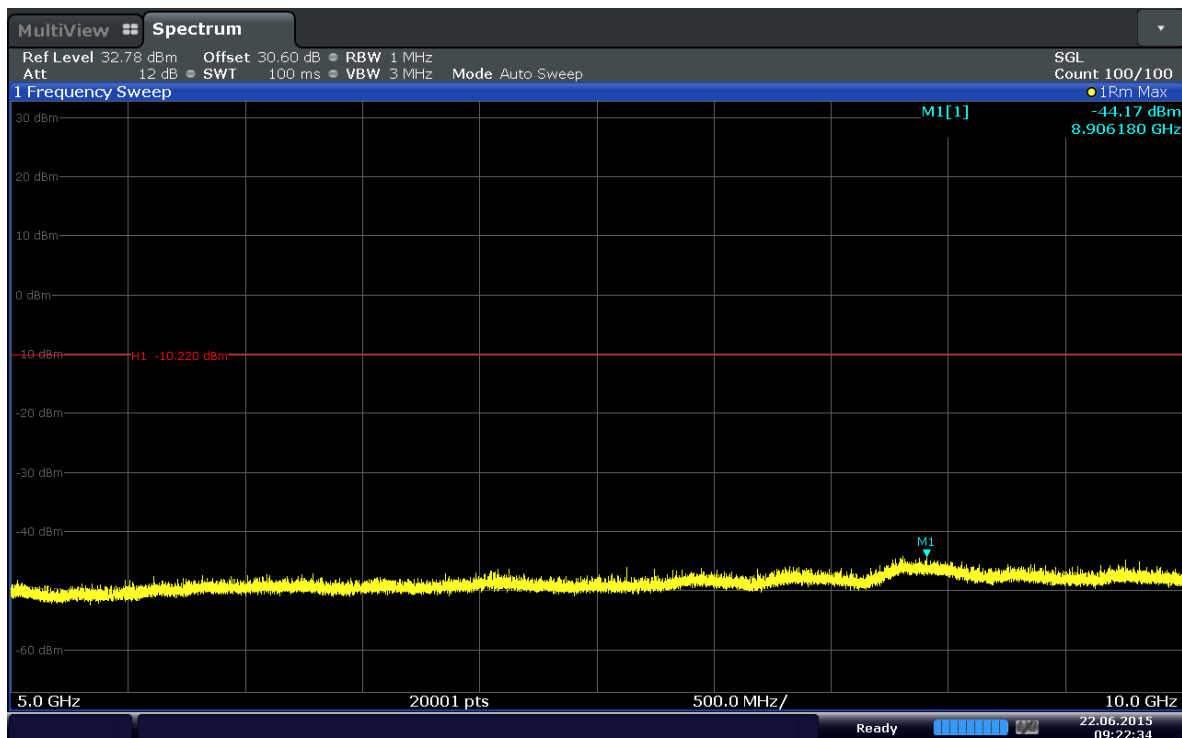
Date: 22.JUN.2015 09:19:31

Plot 6-37. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 7–Ch.18900)



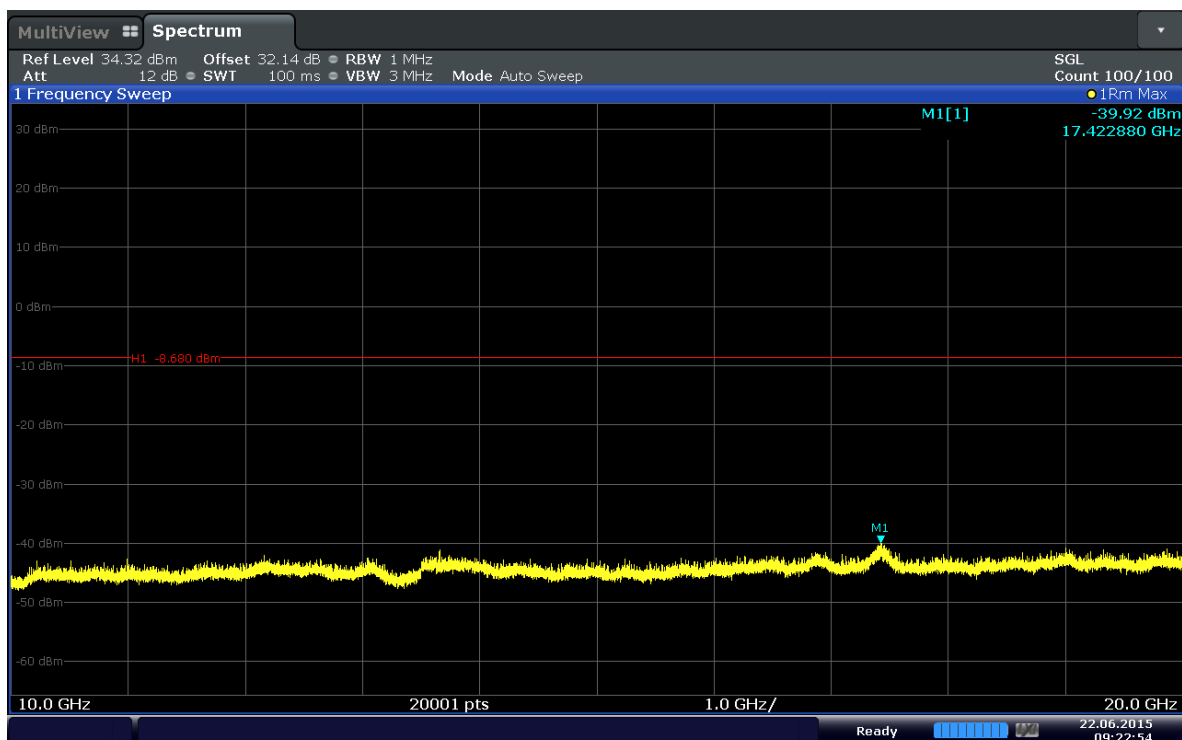
Date: 22.JUN.2015 09:22:17

Plot 6-38. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19185)



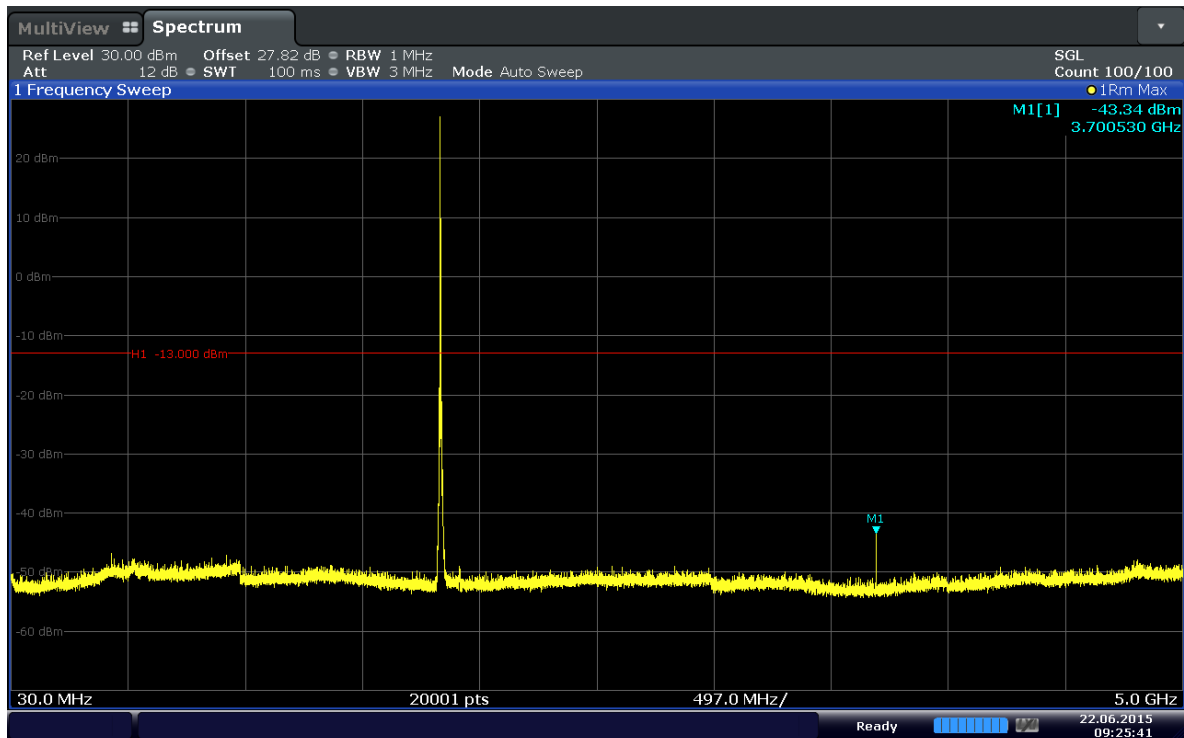
Date: 22.JUN.2015 09:22:34

Plot 6-39. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19185)



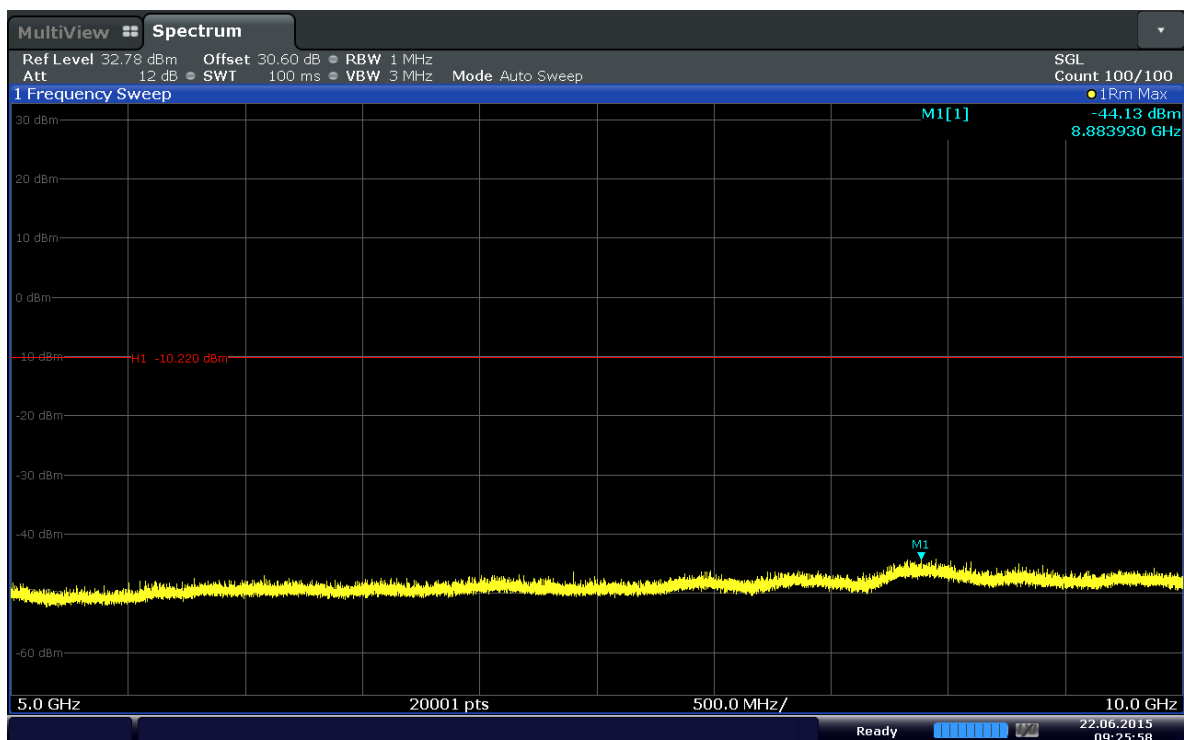
Date: 22.JUN.2015 09:22:55

Plot 6-40. Conducted Spurious Plot (Band 2–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19185)



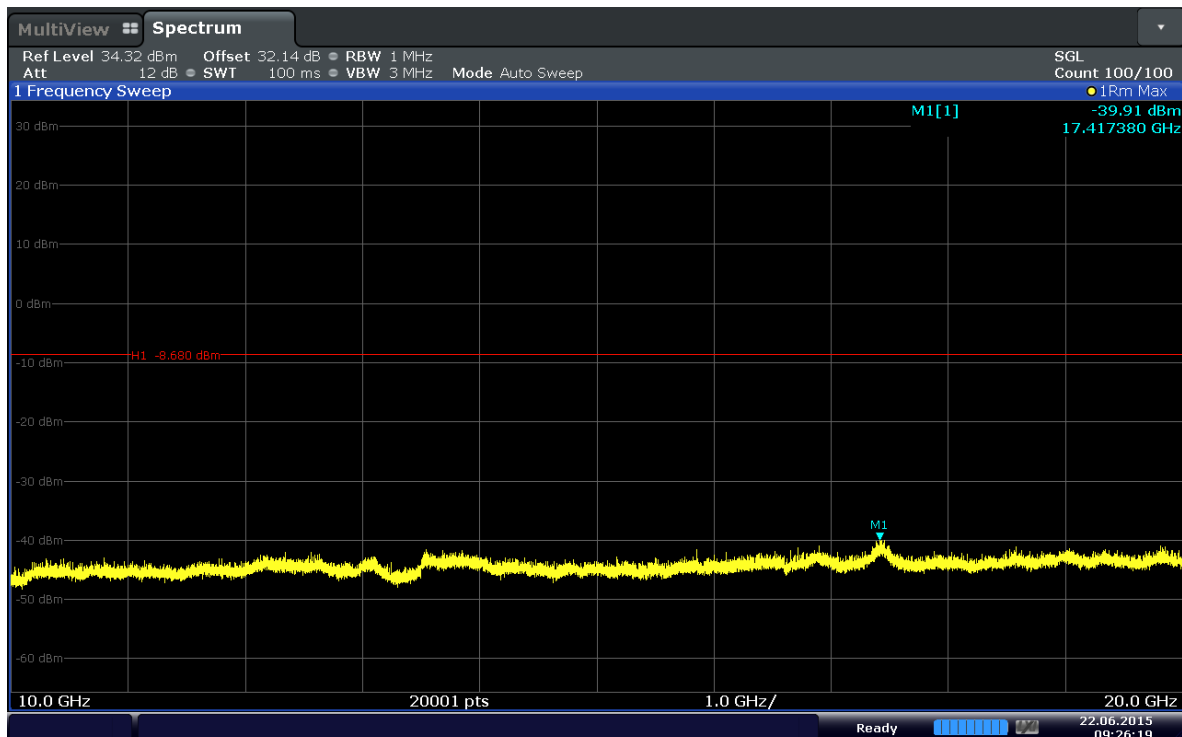
Date: 22.JUN.2015 09:25:41

Plot 6-41. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18625)



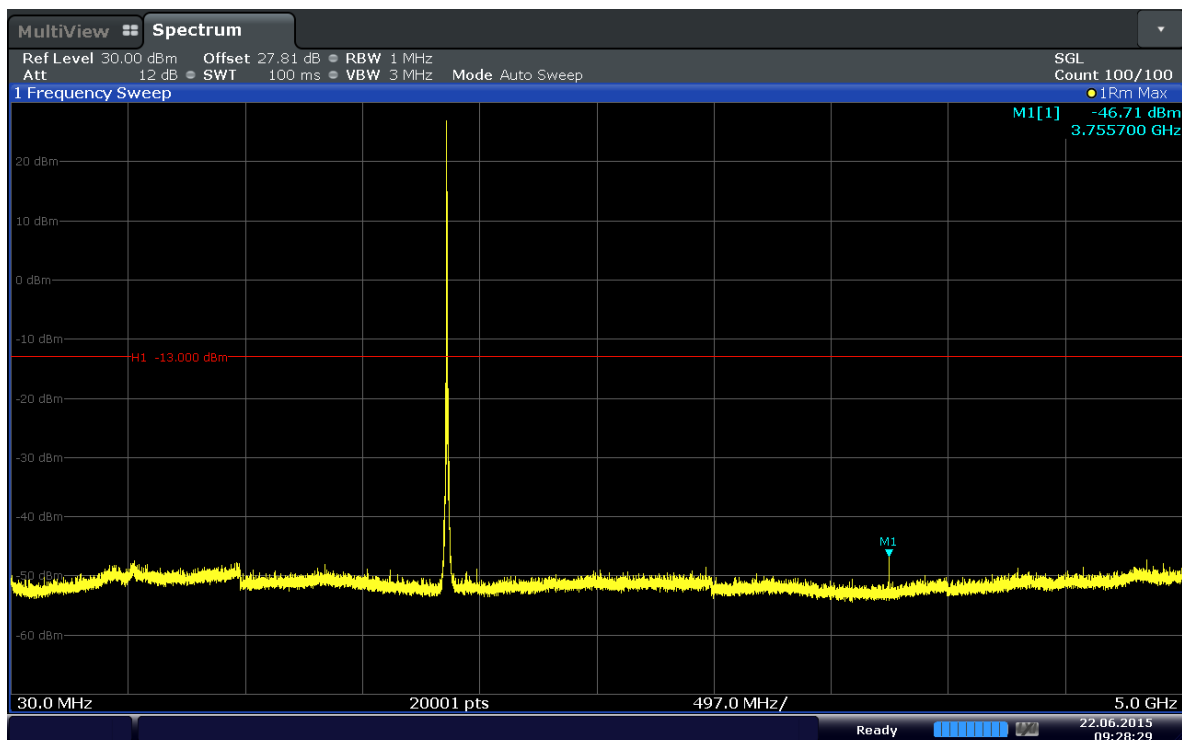
Date: 22.JUN.2015 09:25:58

Plot 6-42. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18625)



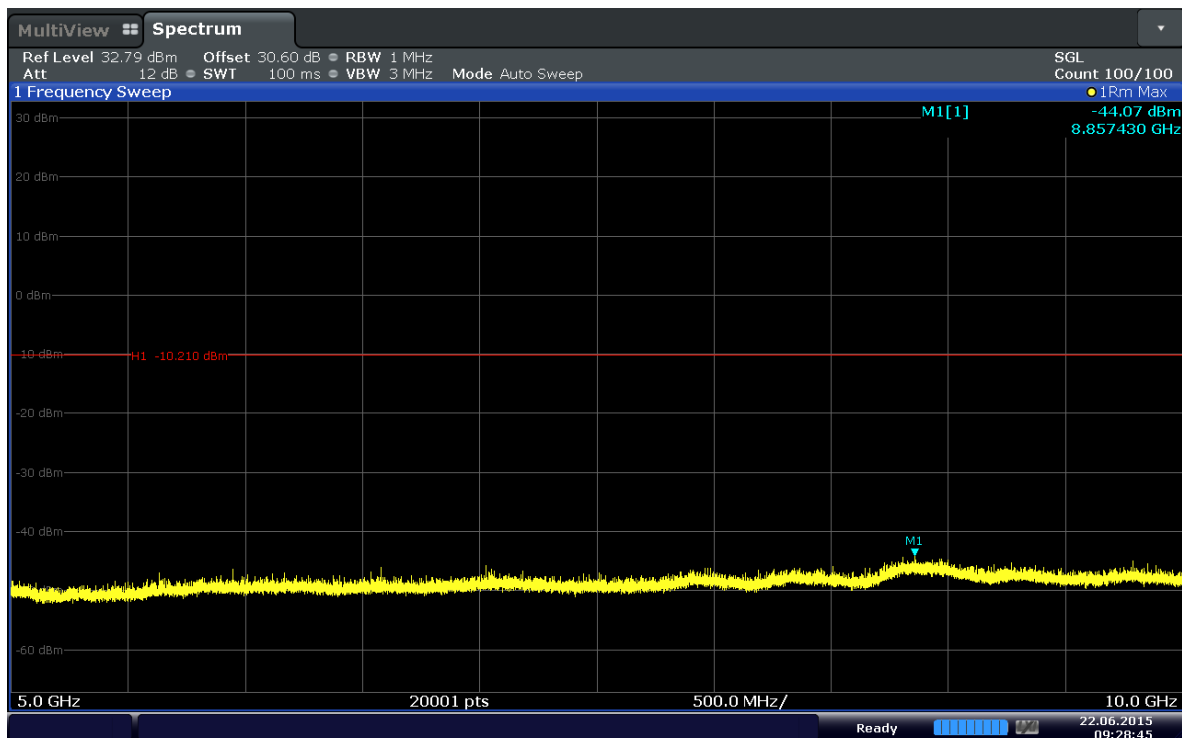
Date: 22 JUN.2015 09:26:19

Plot 6-43. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18625)



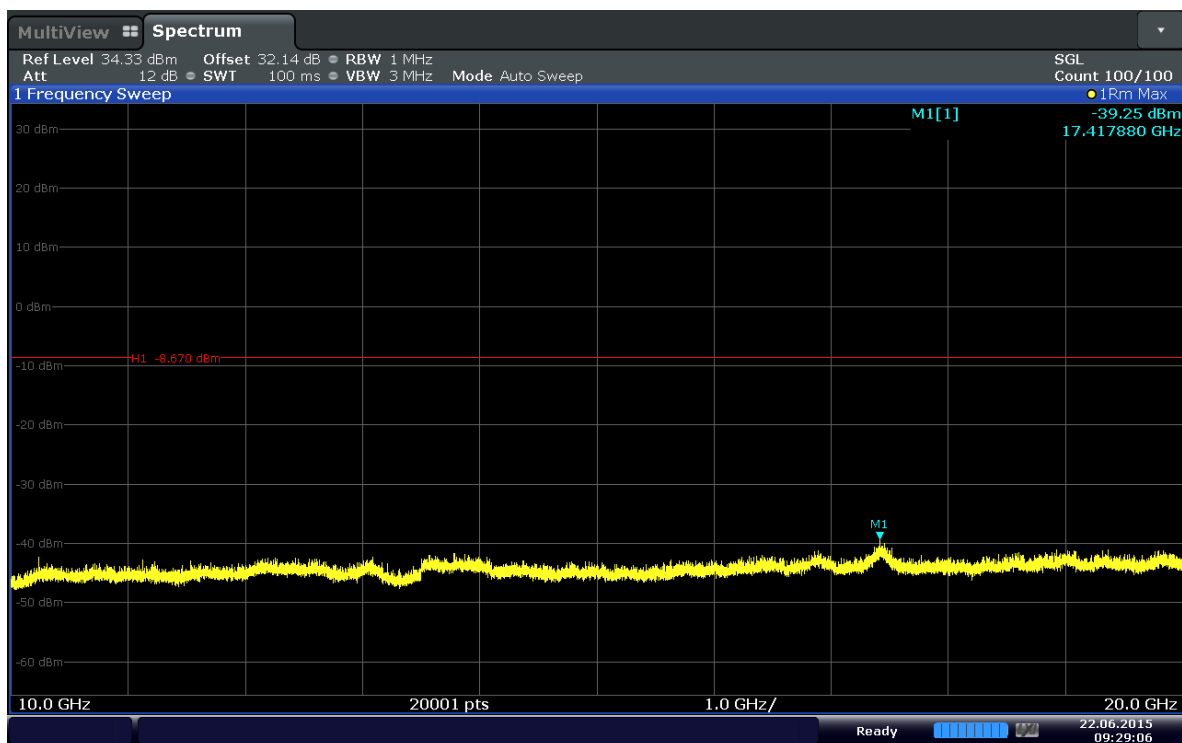
Date: 22 JUN.2015 09:28:28

Plot 6-44. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18900)



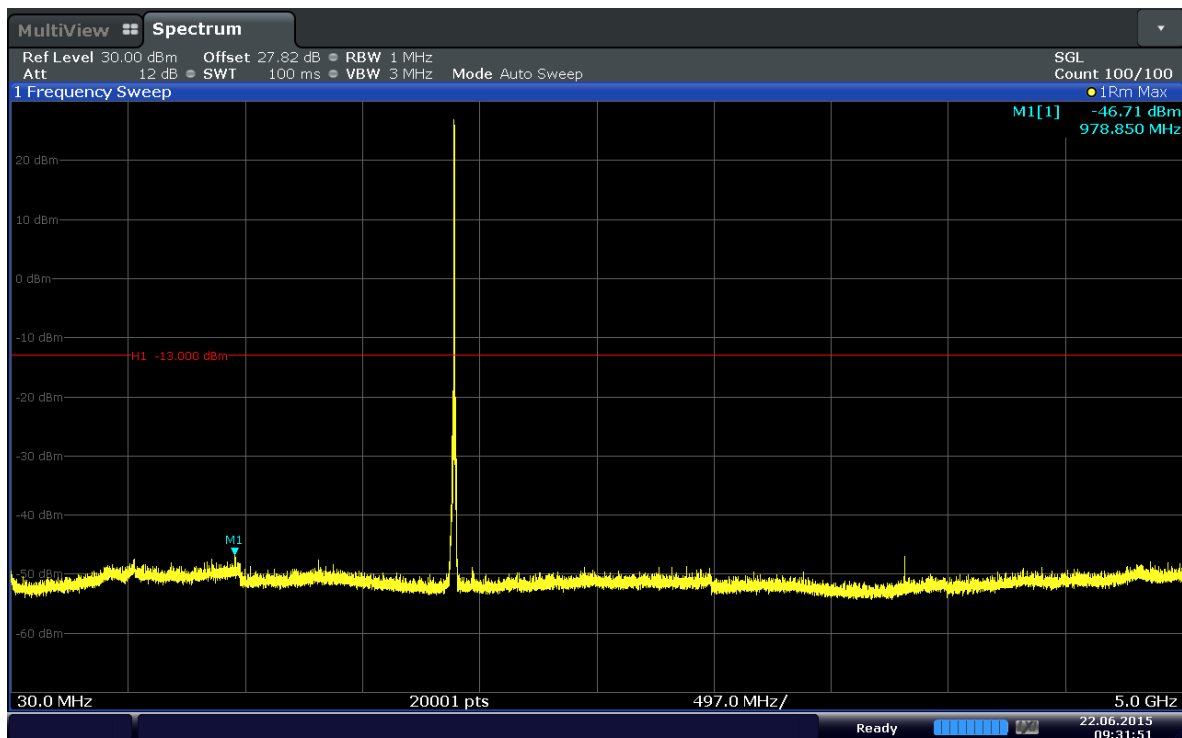
Date: 22.JUN.2015 09:28:45

Plot 6-45. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18900)



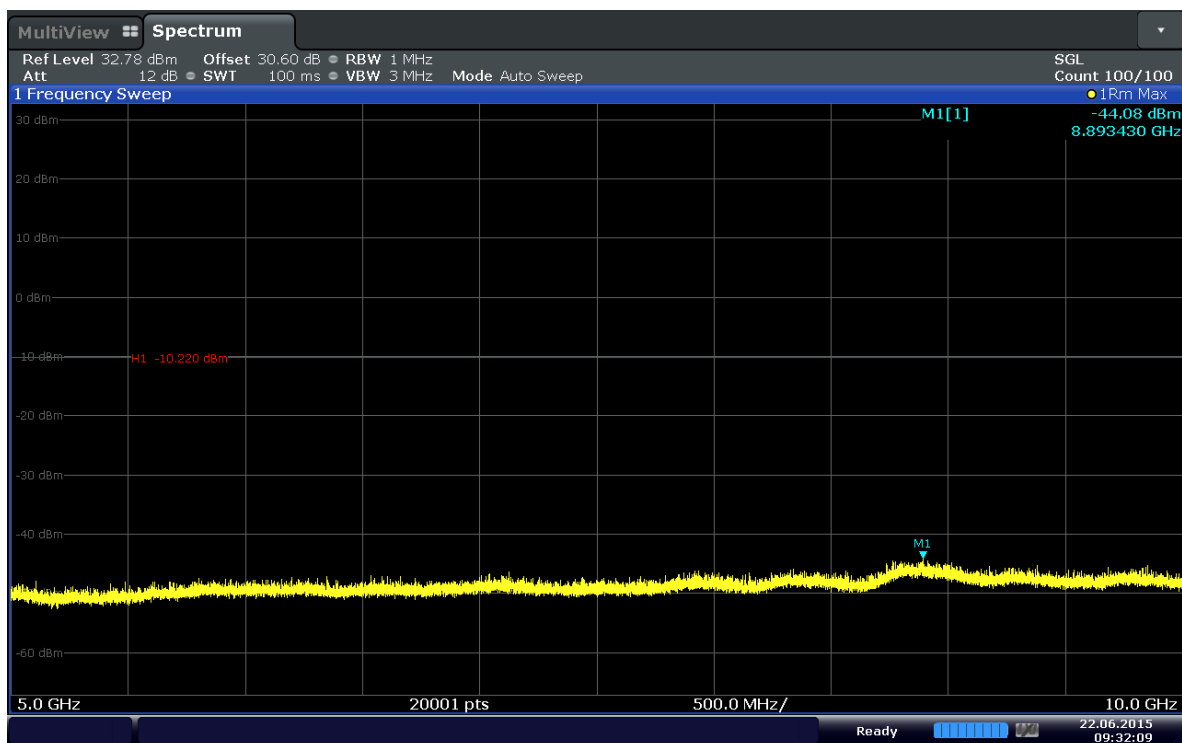
Date: 22.JUN.2015 09:29:06

Plot 6-46. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18900)



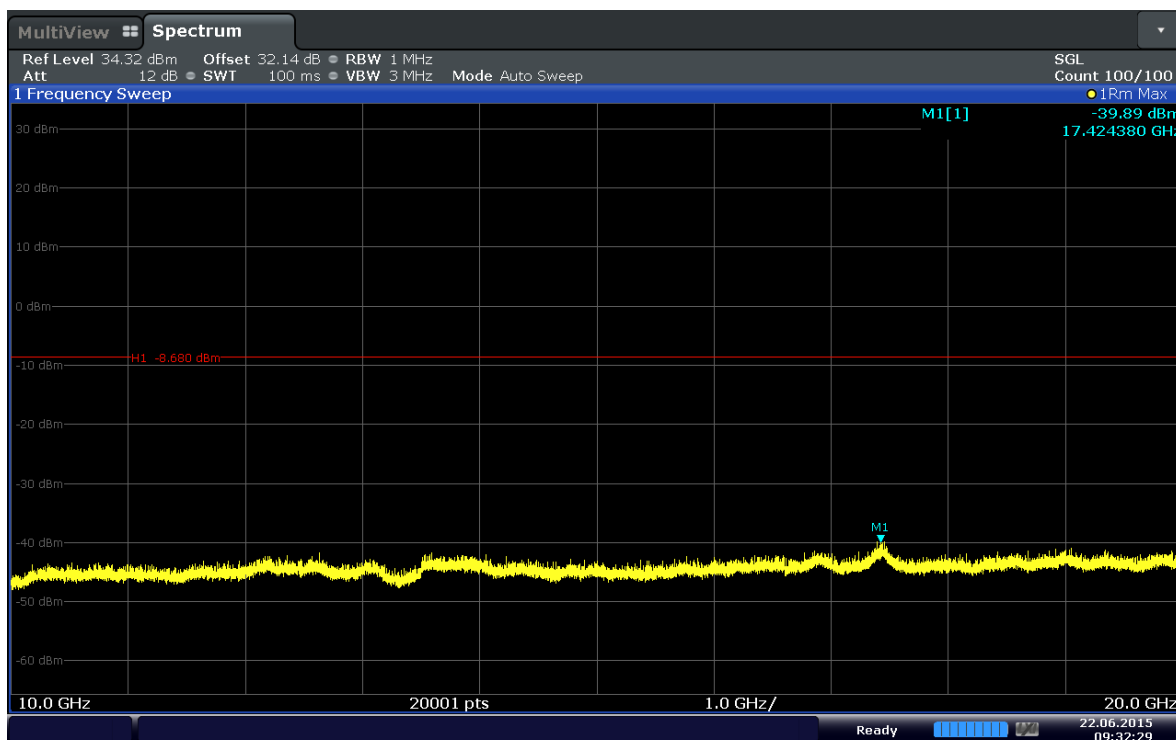
Date: 22.JUN.2015 09:31:51

Plot 6-47. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.19175)



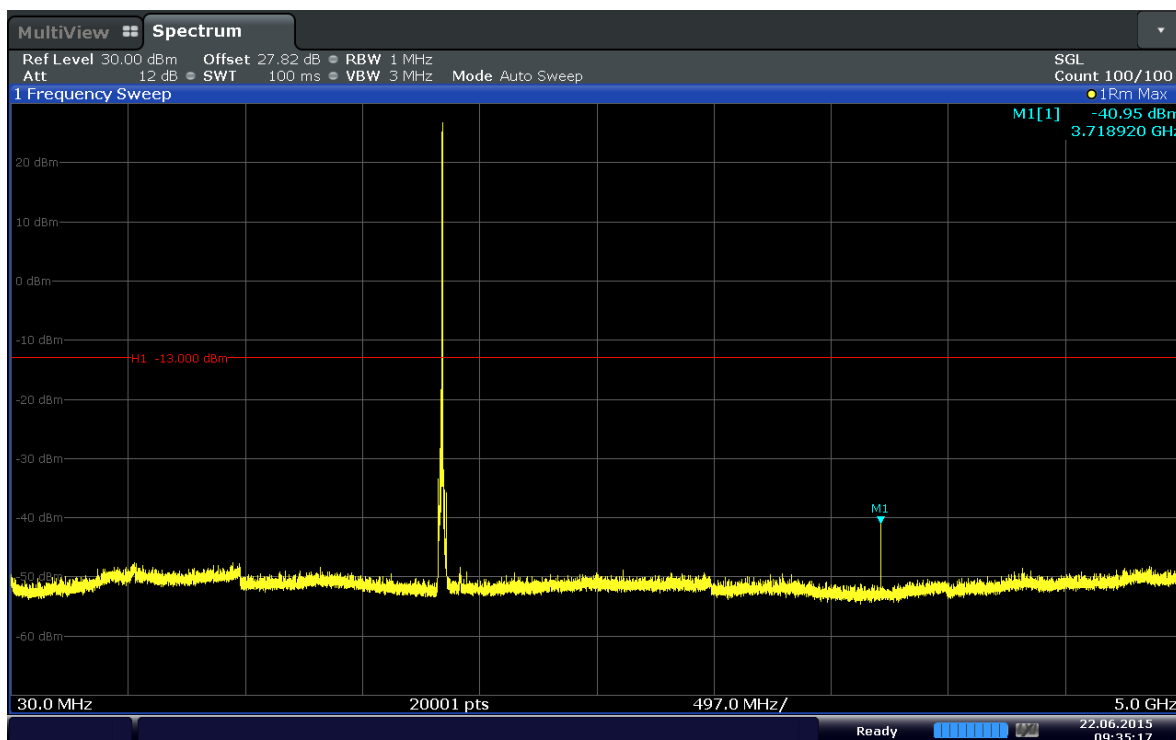
Date: 22.JUN.2015 09:32:08

Plot 6-48. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.19175)



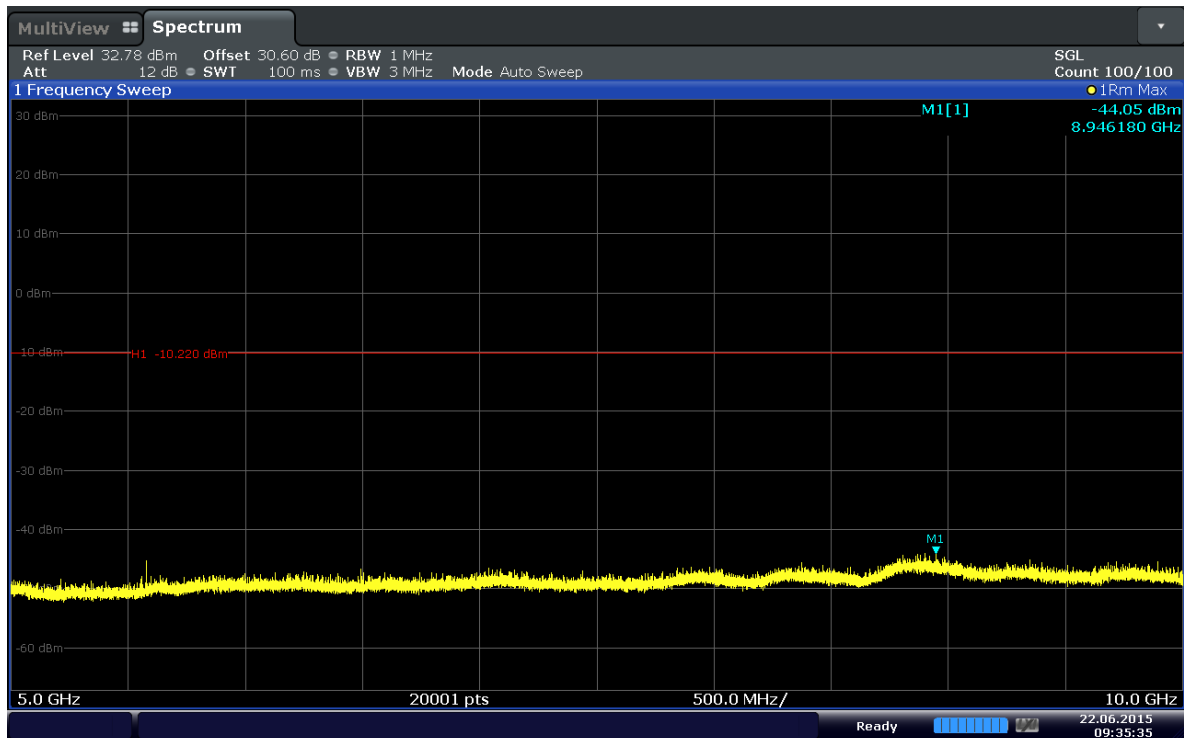
Date: 22.JUN.2015 09:32:29

Plot 6-49. Conducted Spurious Plot (Band 2–5.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.19175)



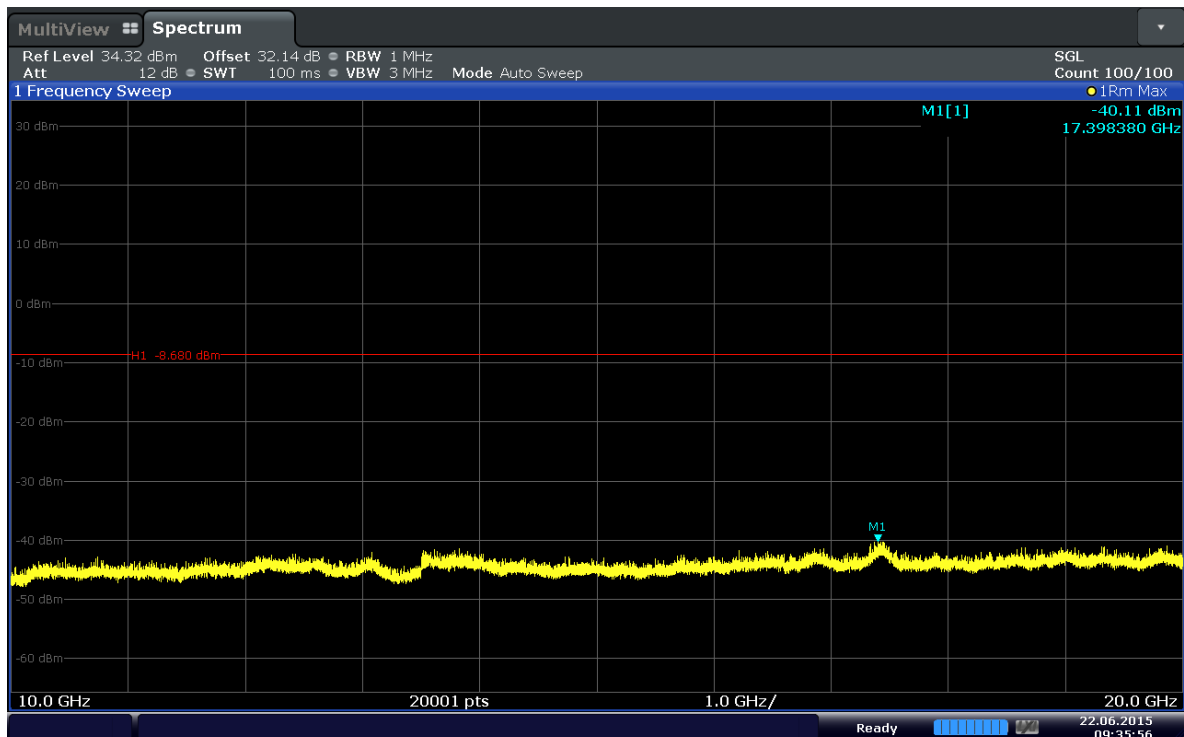
Date: 22.JUN.2015 09:35:18

Plot 6-50. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 49–Ch.18650)



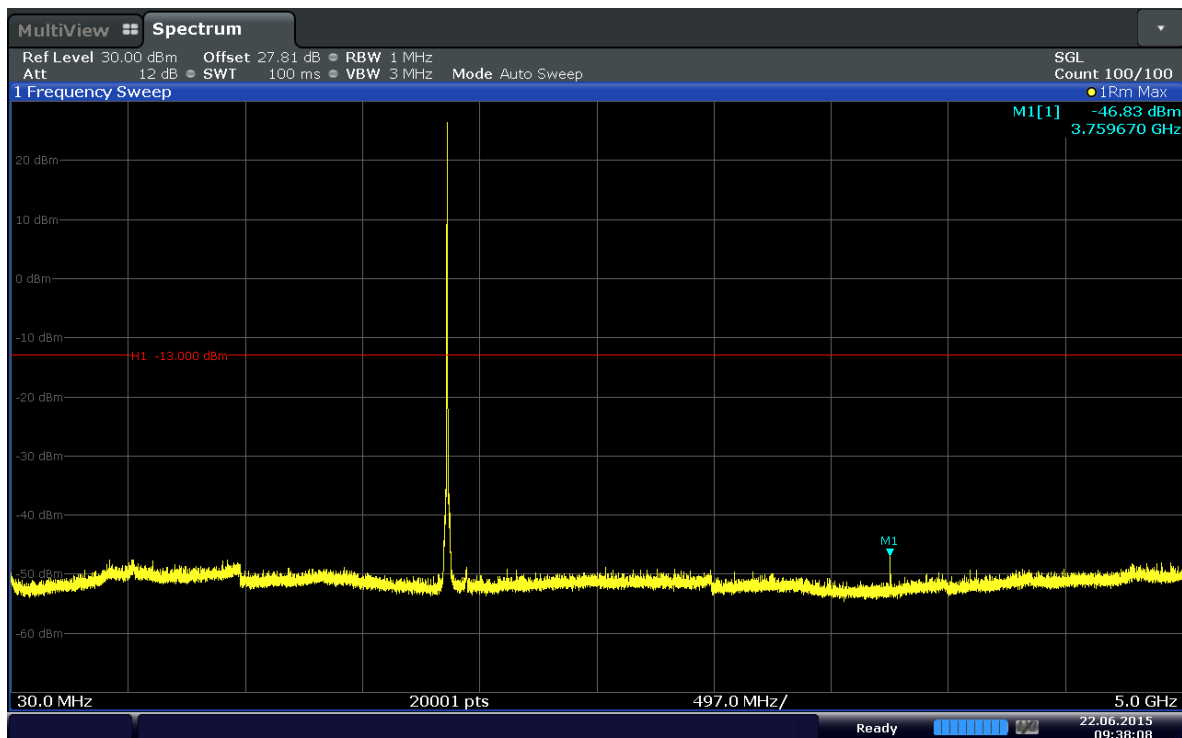
Date: 22.JUN.2015 09:35:35

Plot 6-51. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 49–Ch.18650)



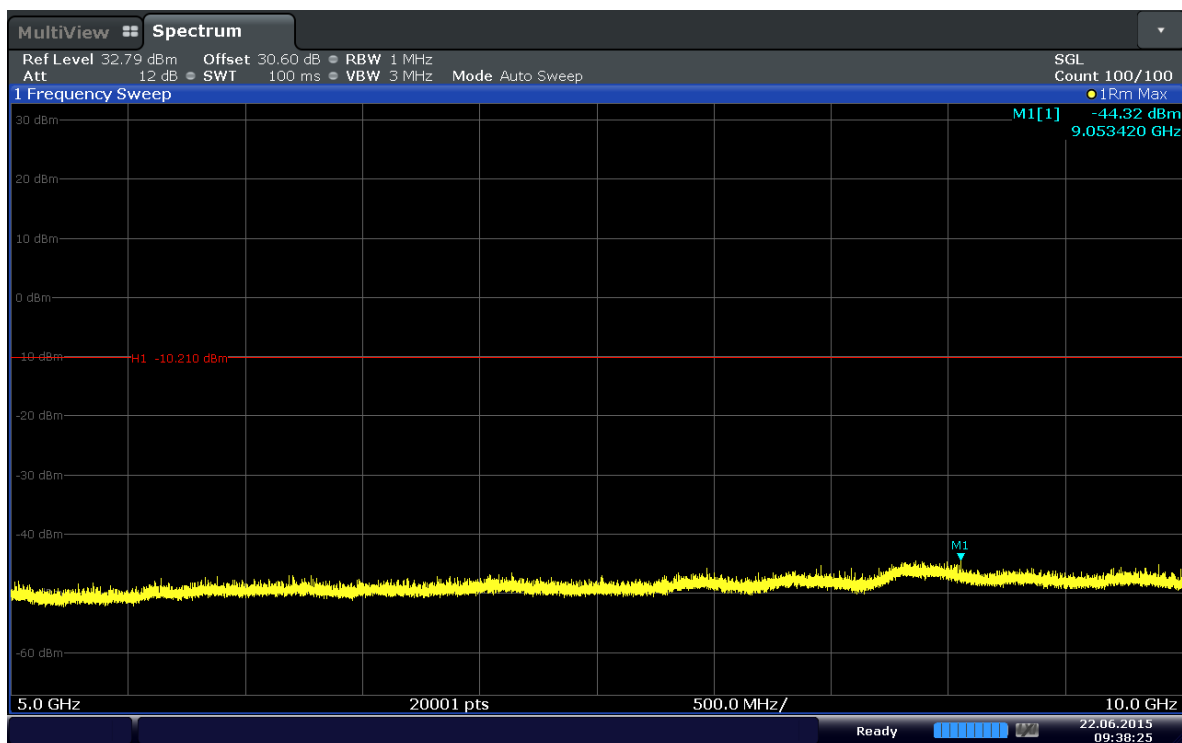
Date: 22.JUN.2015 09:35:56

Plot 6-52. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 49–Ch.18650)



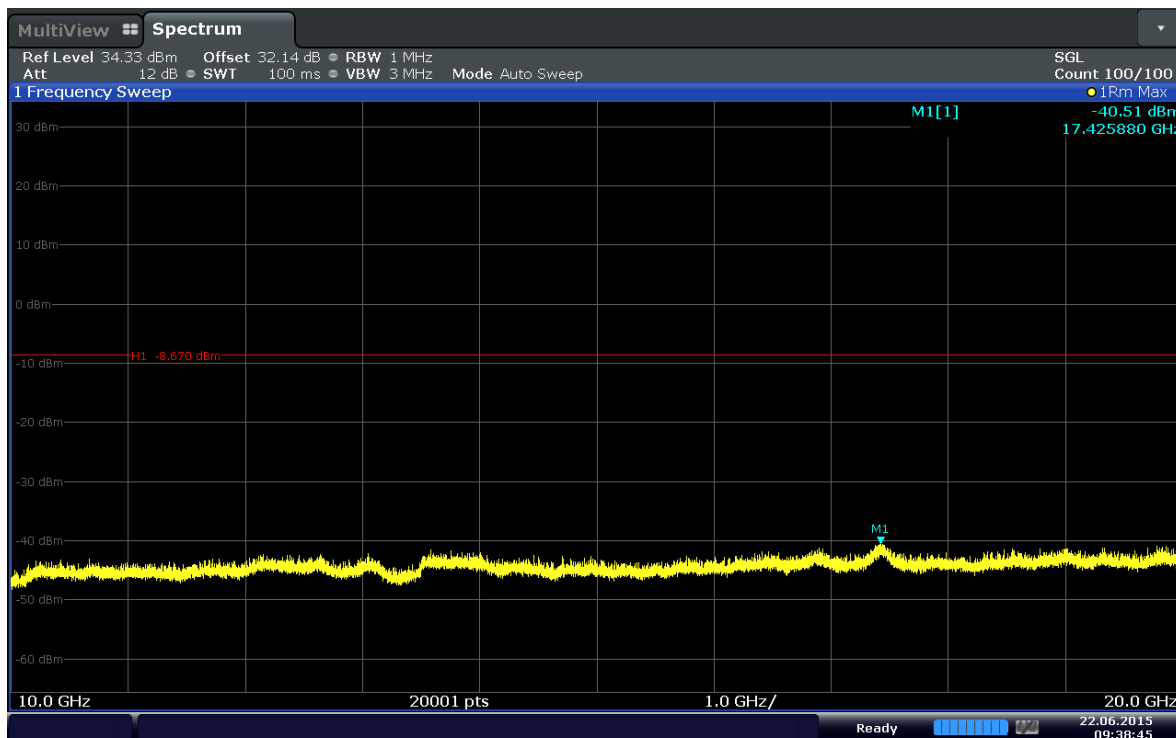
Date: 22.JUN.2015 09:38:08

Plot 6-53. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.18900)



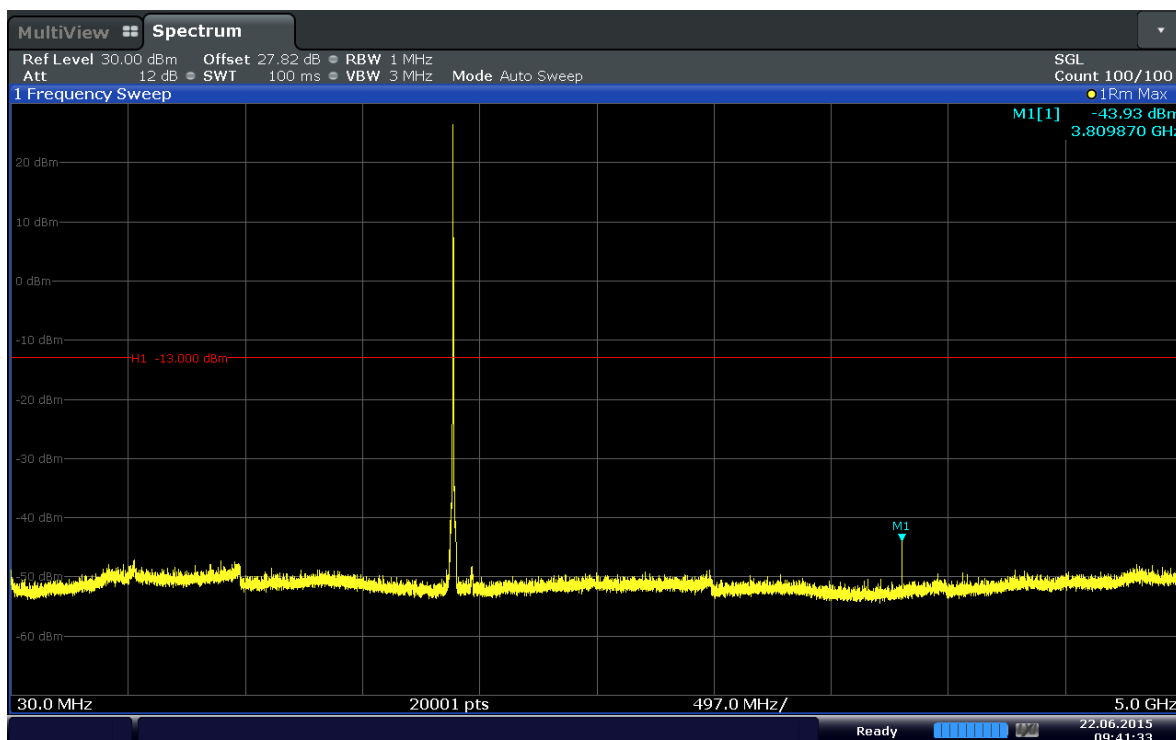
Date: 22.JUN.2015 09:38:25

Plot 6-54. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.18900)



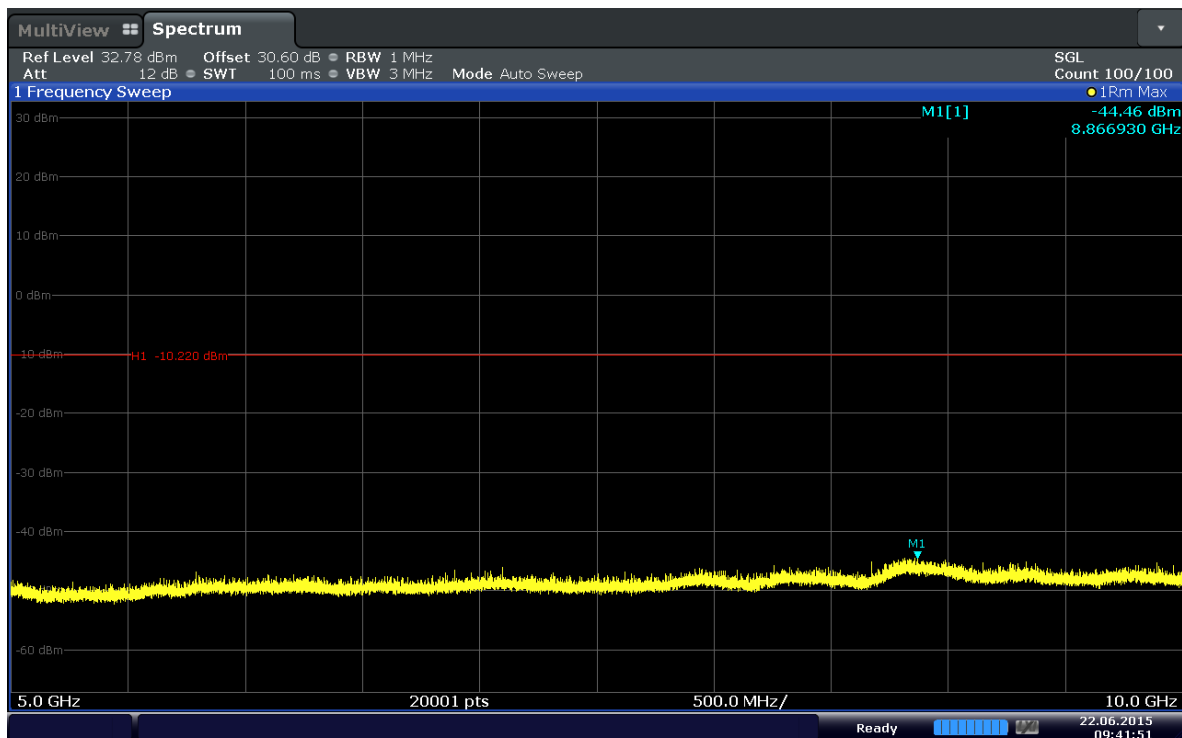
Date: 22.JUN.2015 09:38:46

Plot 6-55. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.18900)



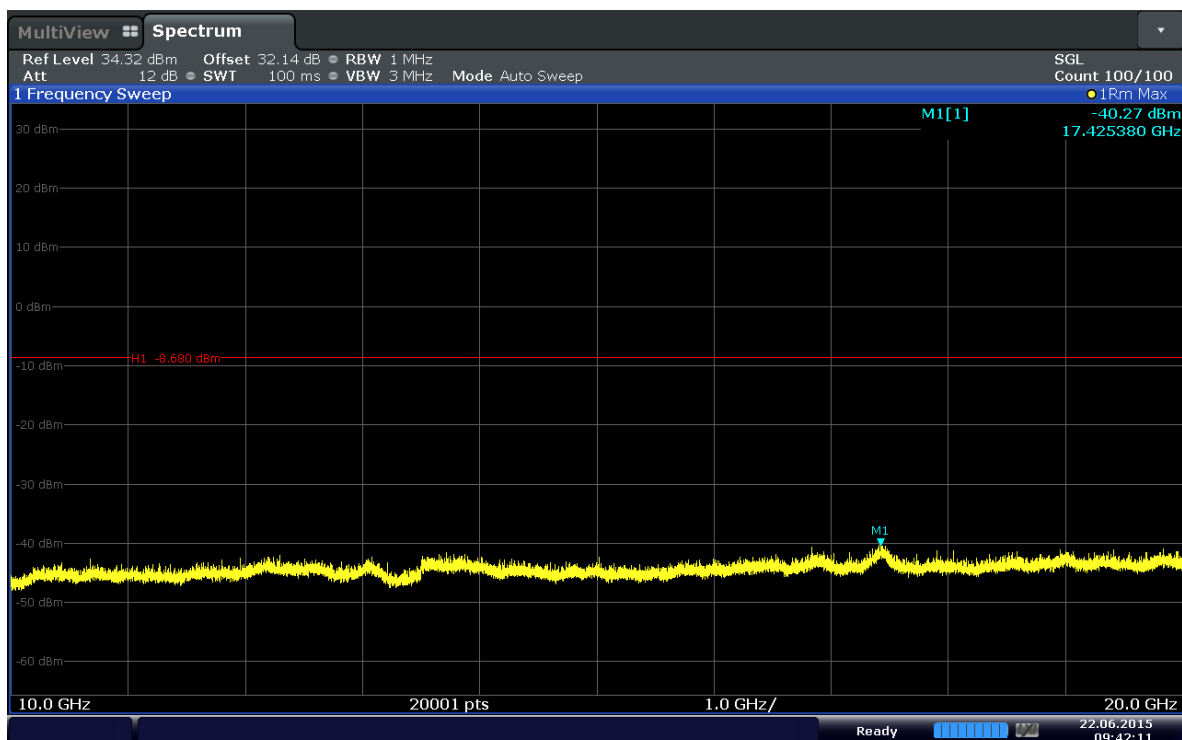
Date: 22.JUN.2015 09:41:34

Plot 6-56. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.19150)



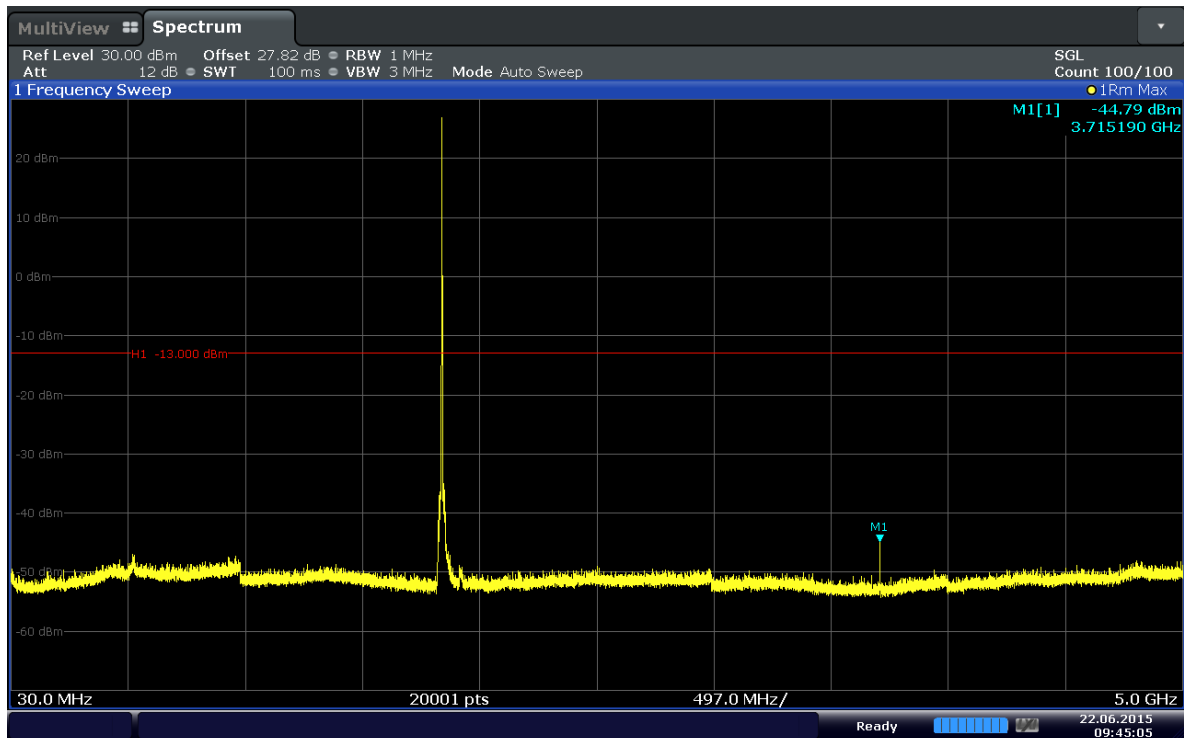
Date: 22.JUN.2015 09:41:51

Plot 6-57. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.19150)



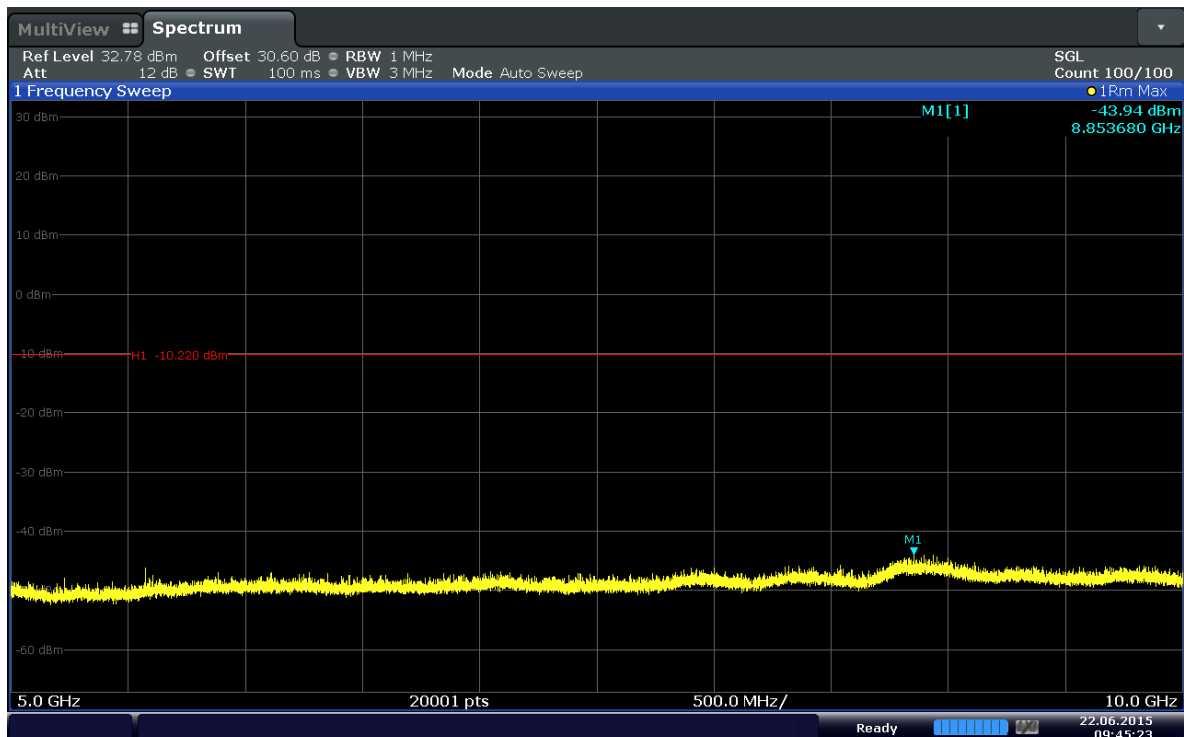
Date: 22.JUN.2015 09:42:12

Plot 6-58. Conducted Spurious Plot (Band 2–10.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.19150)



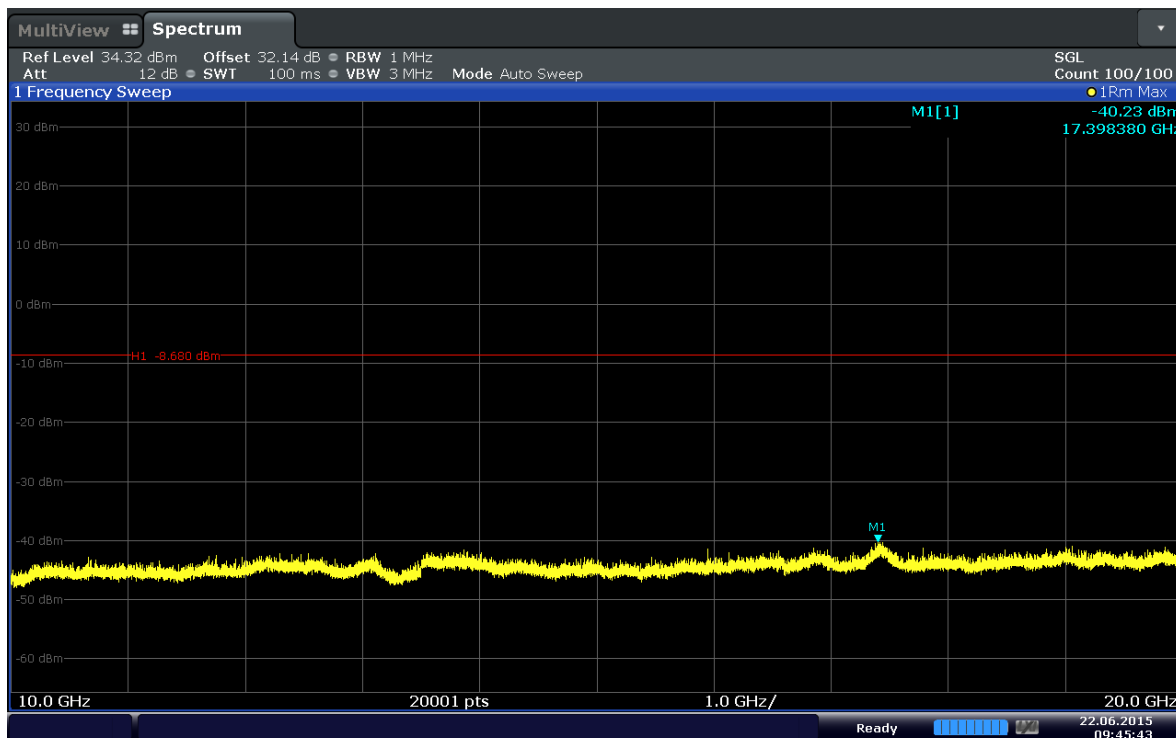
Date: 22.JUN.2015 09:45:06

Plot 6-59. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 37–Ch.18675)



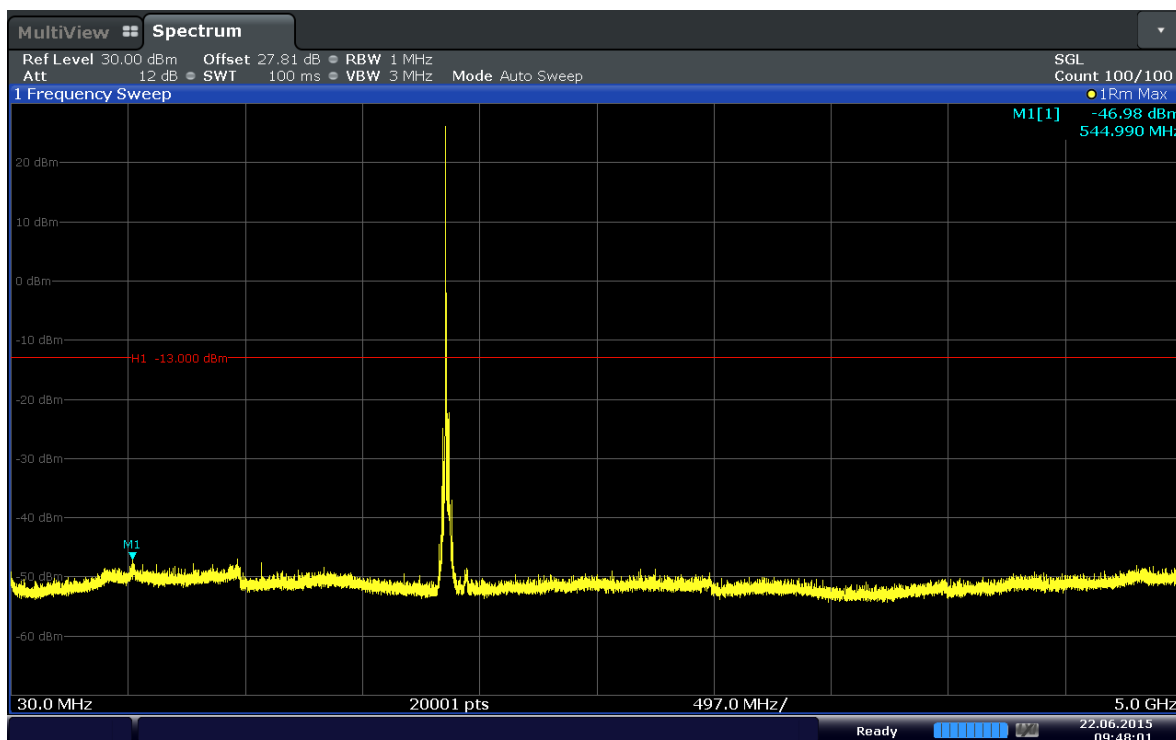
Date: 22.JUN.2015 09:45:23

Plot 6-60. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 37–Ch.18675)



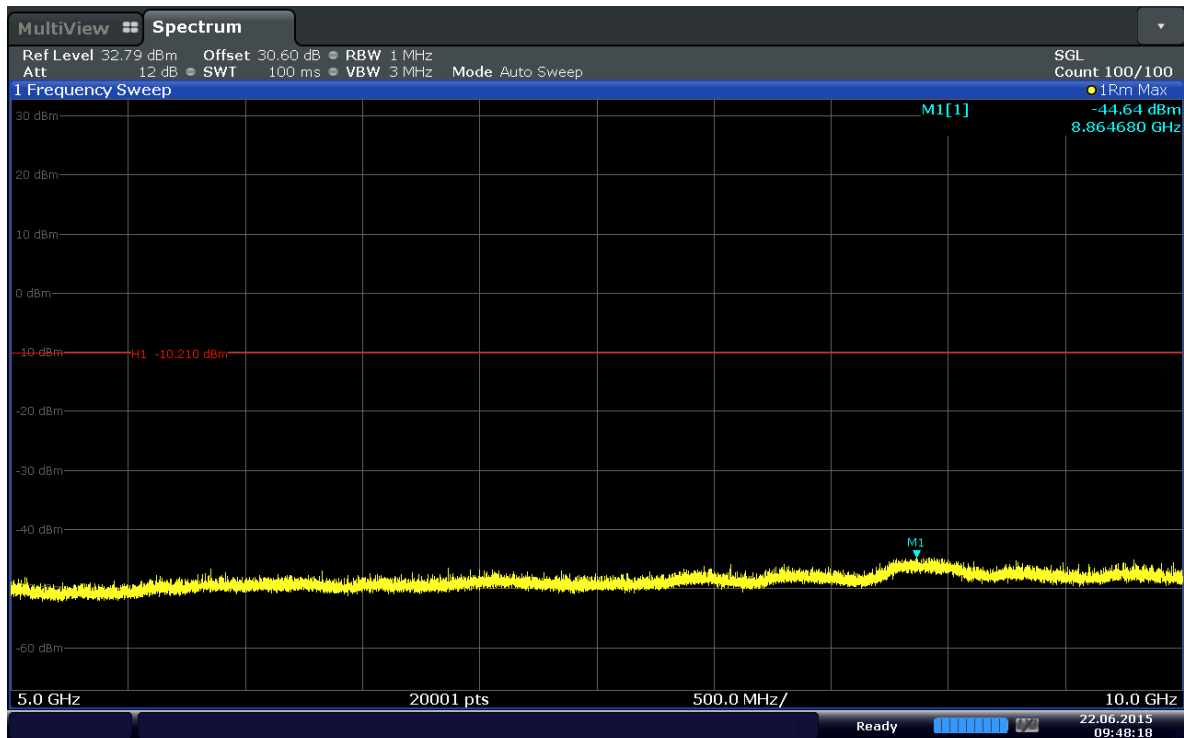
Date: 22.JUN.2015 09:45:43

Plot 6-61. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 37–Ch.18675)



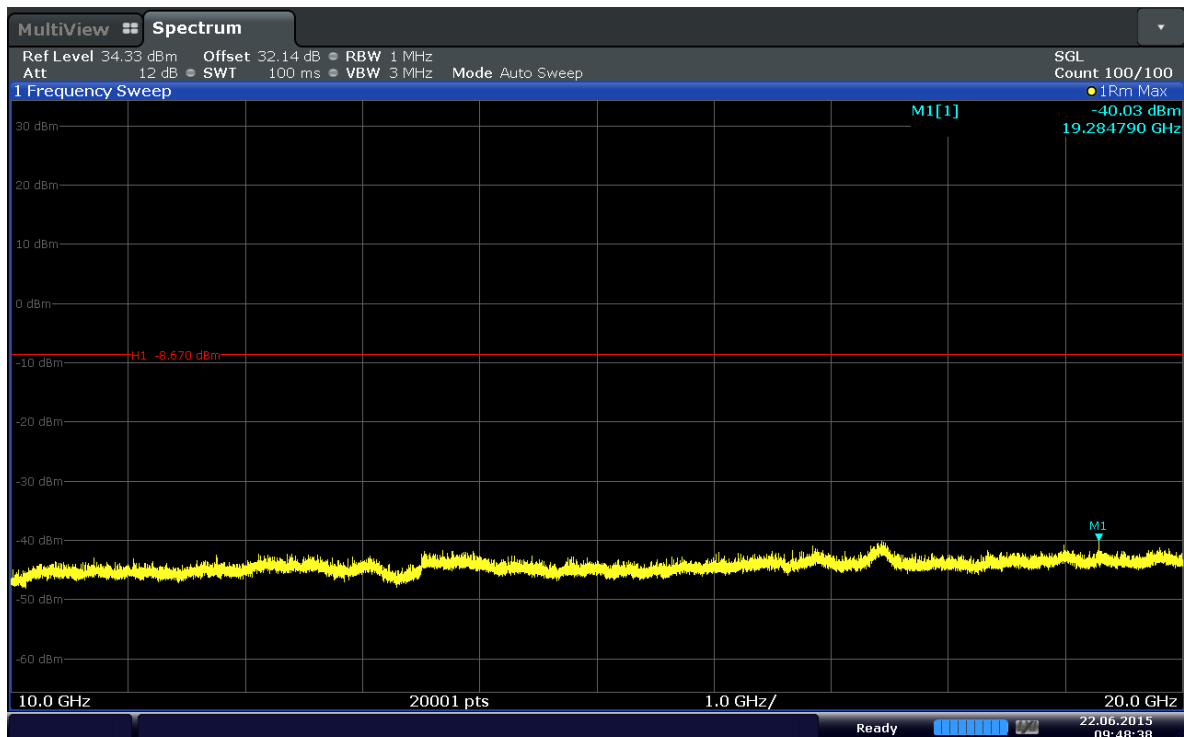
Date: 22.JUN.2015 09:48:01

Plot 6-62. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18900)



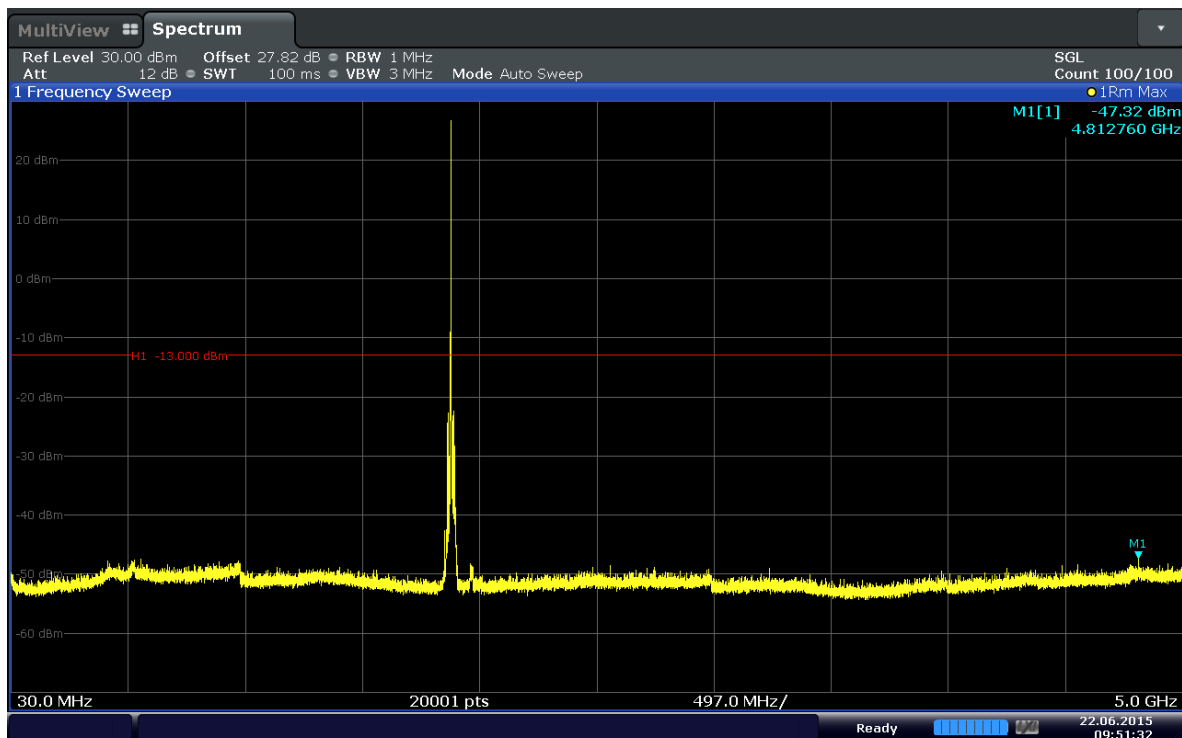
Date: 22.JUN.2015 09:48:18

Plot 6-63. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18900)



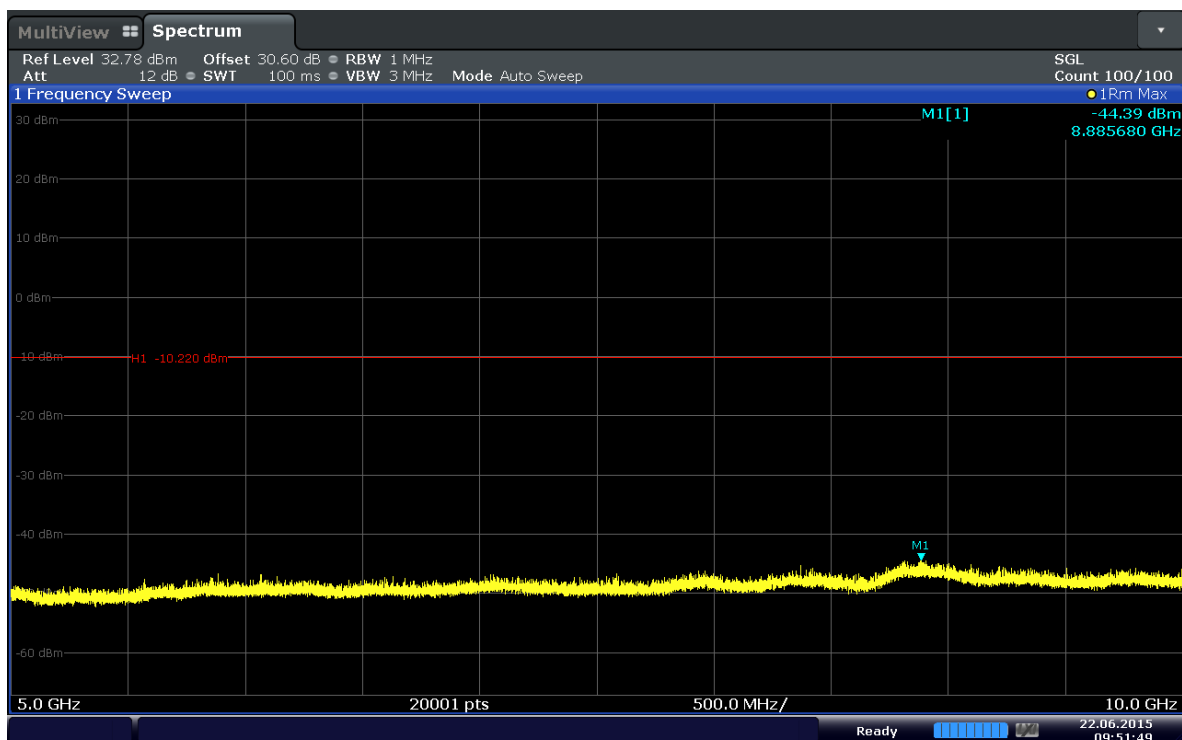
Date: 22.JUN.2015 09:48:39

Plot 6-64. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18900)



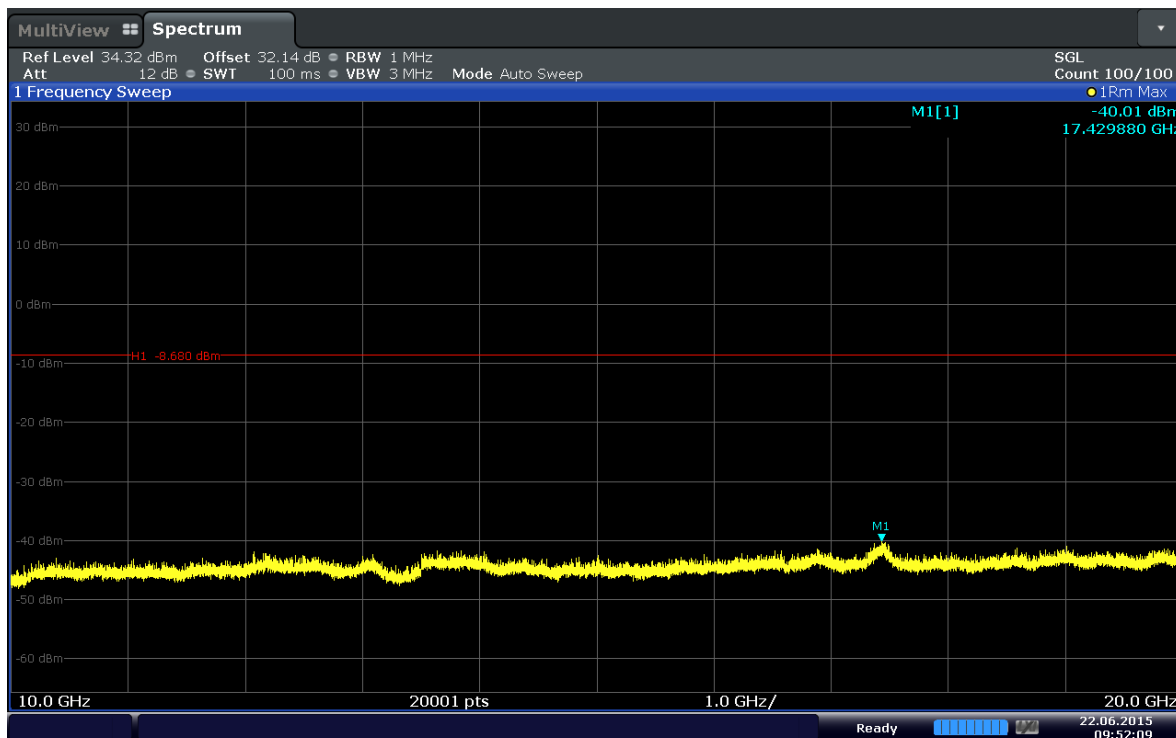
Date: 22.JUN.2015 09:51:32

Plot 6-65. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19125)



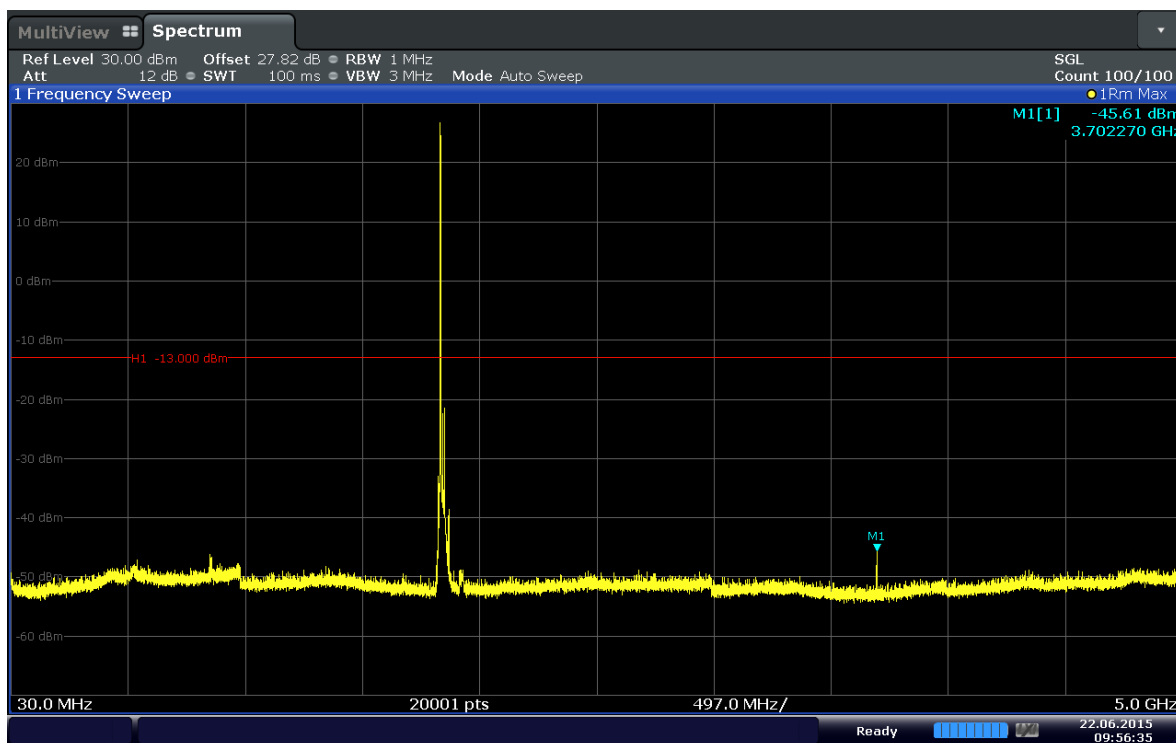
Date: 22.JUN.2015 09:51:49

Plot 6-66. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19125)



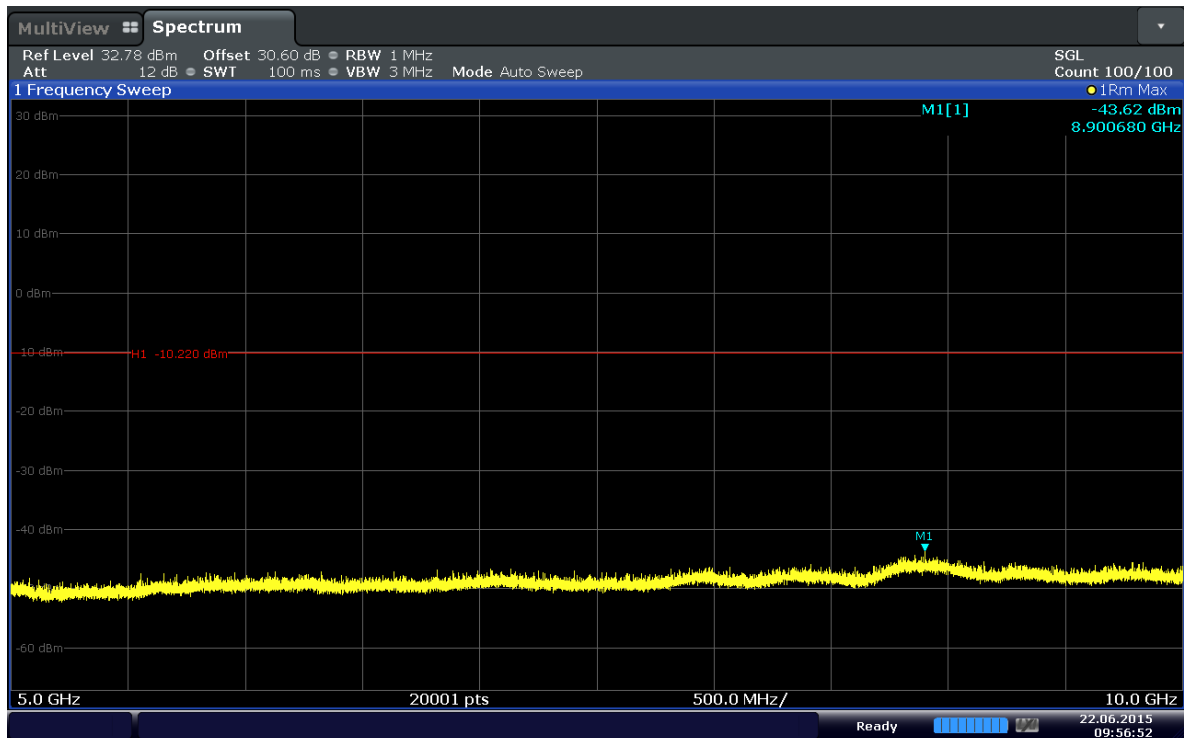
Date: 22.JUN.2015 09:52:10

Plot 6-67. Conducted Spurious Plot (Band 2–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19125)



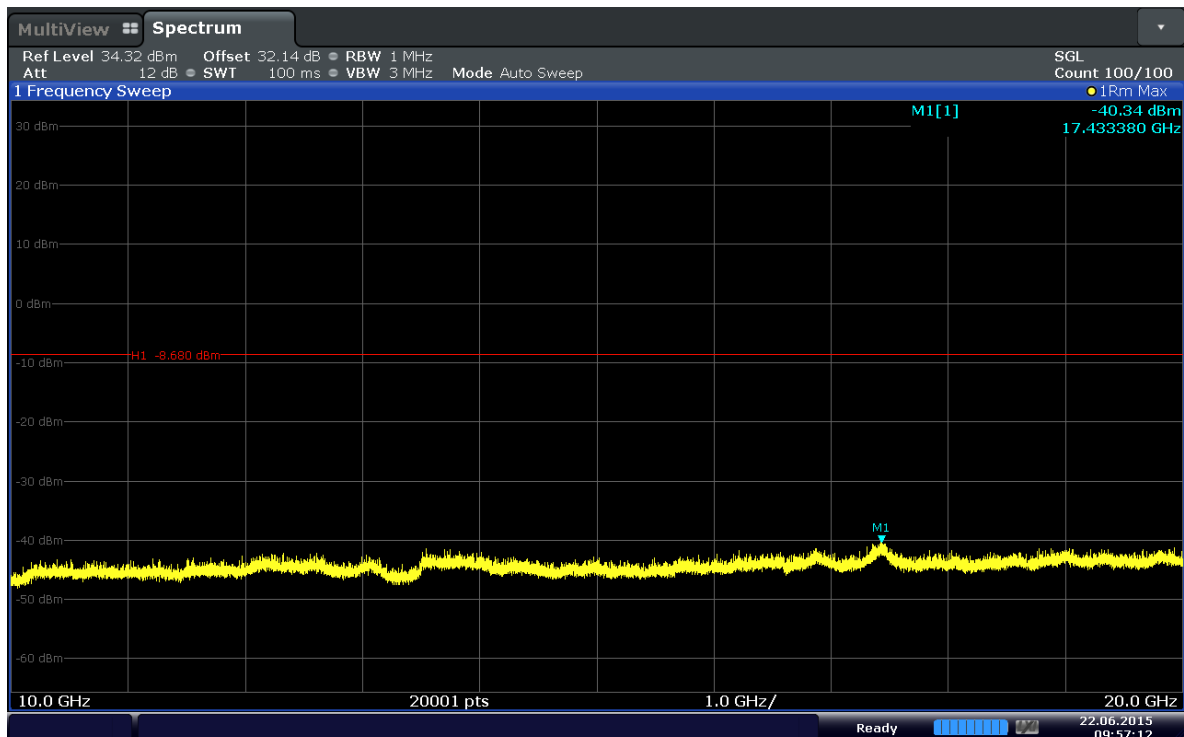
Date: 22.JUN.2015 09:56:35

Plot 6-68. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18700)



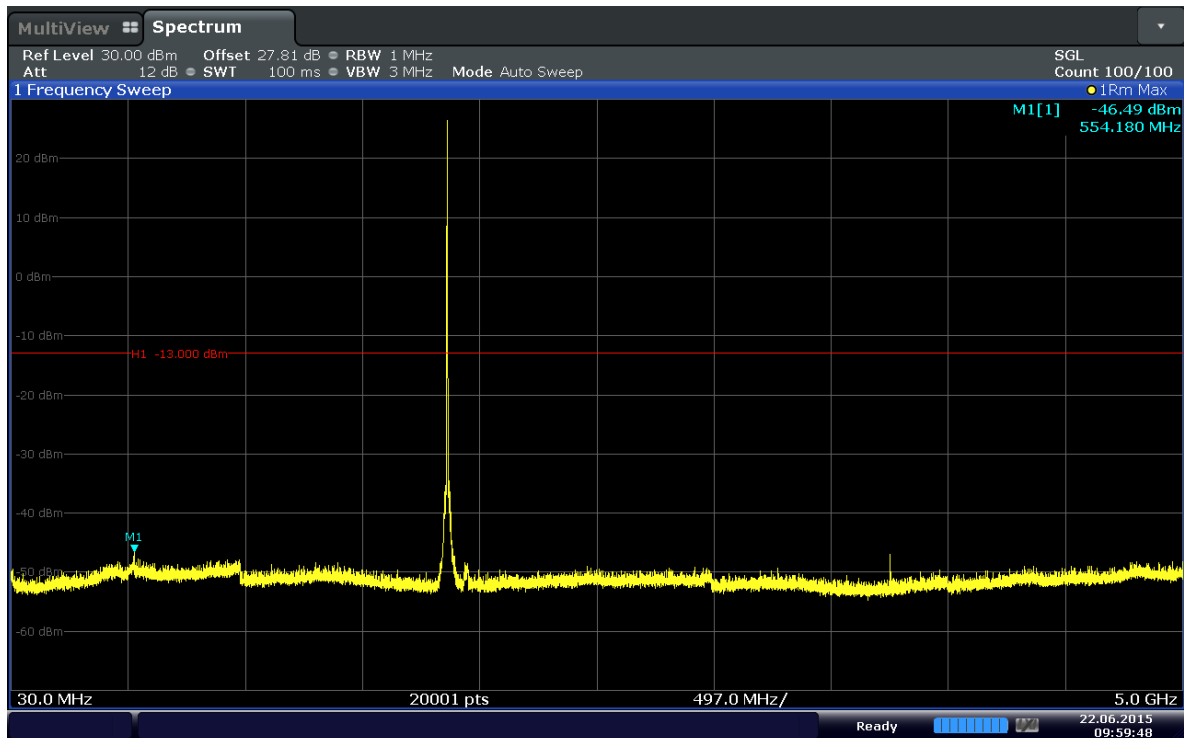
Date: 22.JUN.2015 09:56:52

Plot 6-69. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18700)



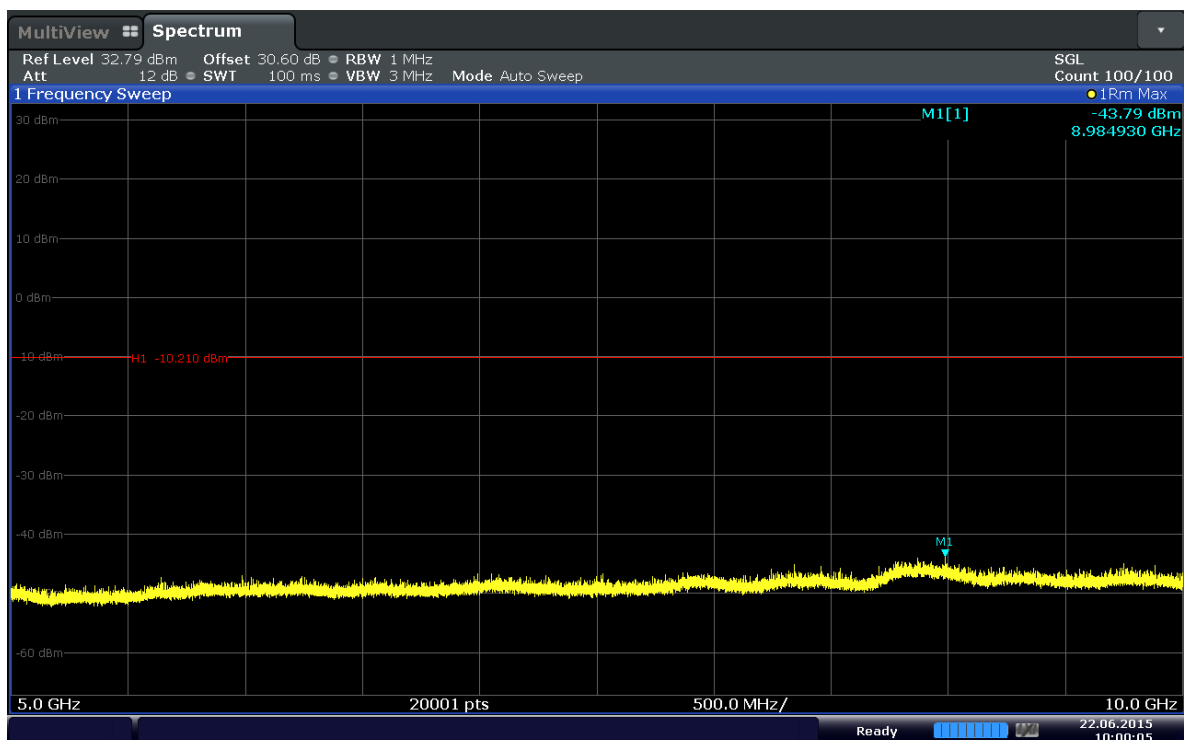
Date: 22.JUN.2015 09:57:13

Plot 6-70. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.18700)



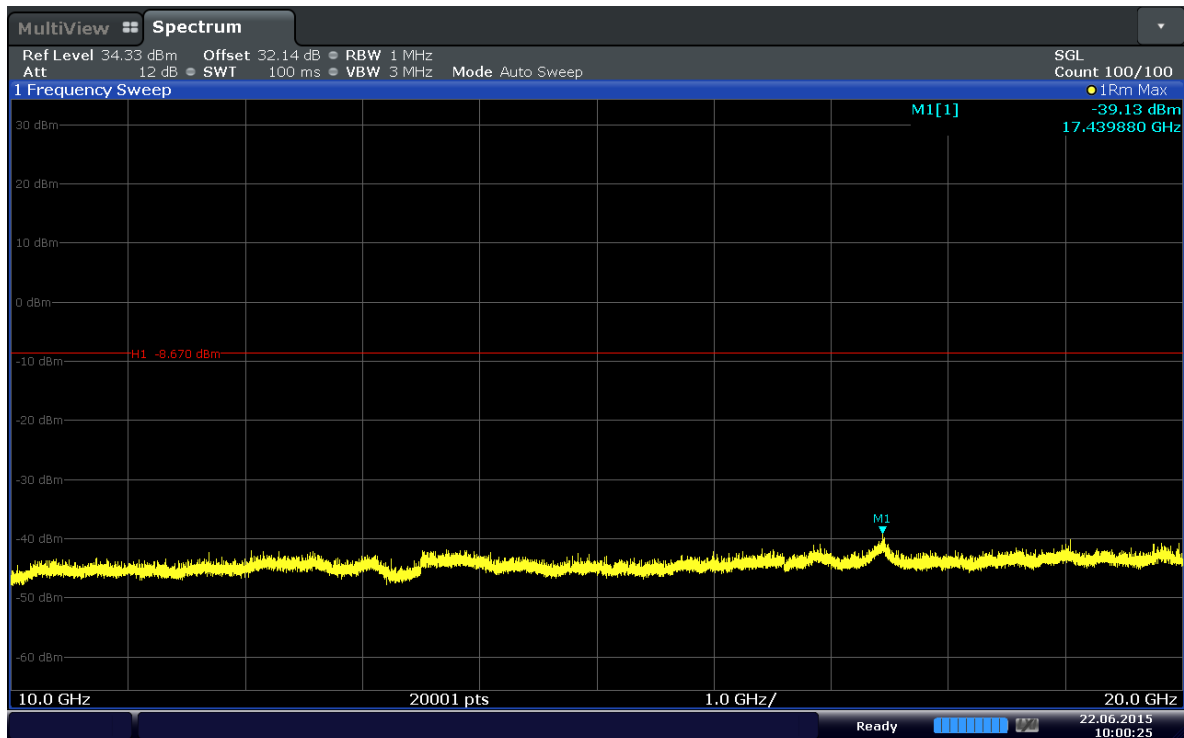
Date: 22.JUN.2015 09:59:48

Plot 6-71. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 49–Ch.18900)



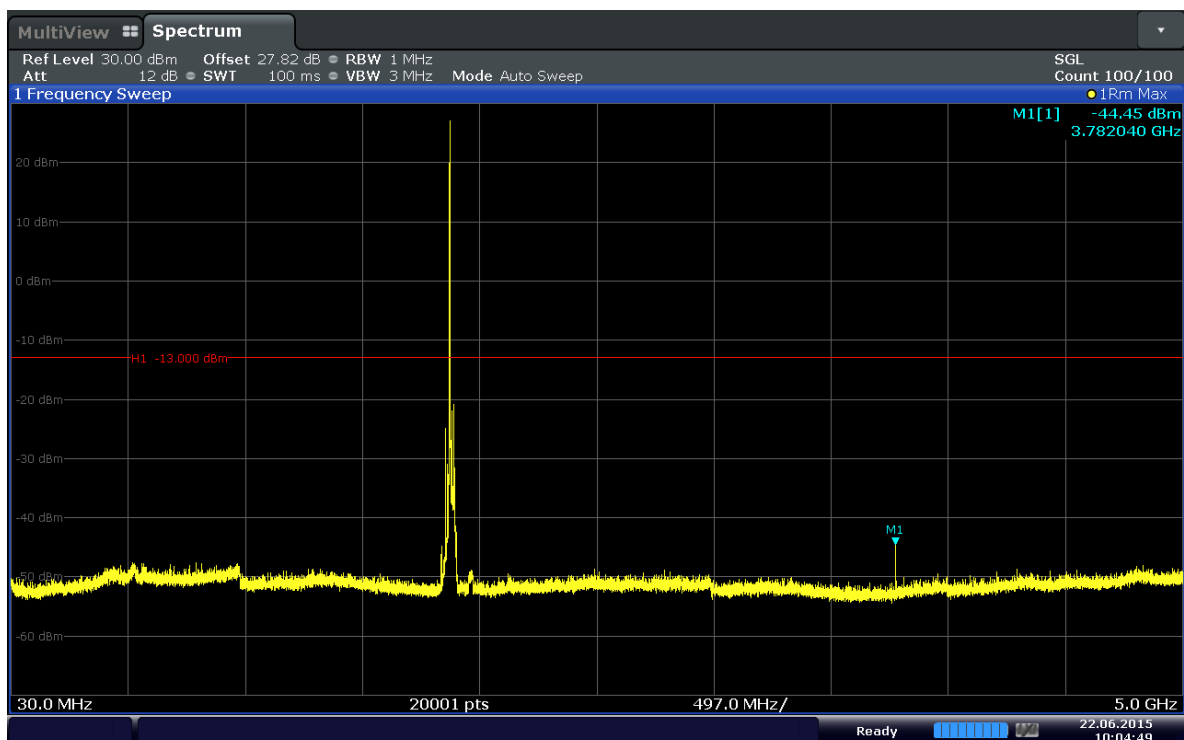
Date: 22.JUN.2015 10:00:05

Plot 6-72. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 49–Ch.18900)



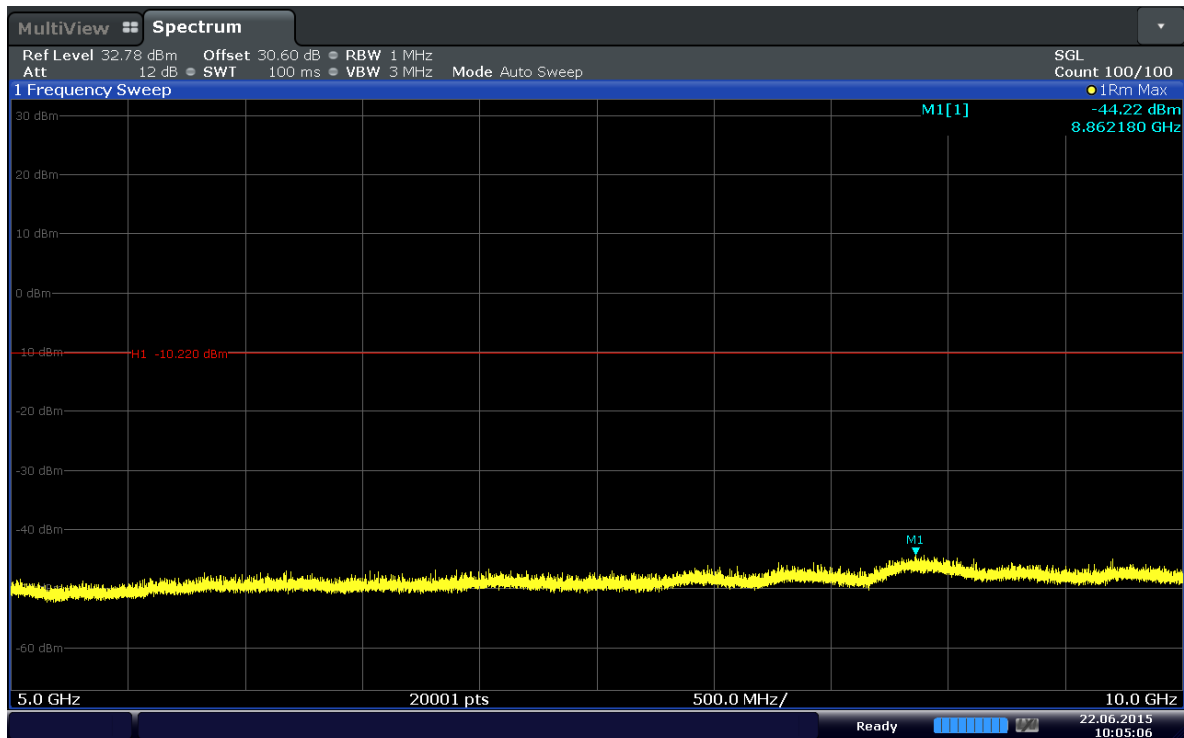
Date: 22.JUN.2015 10:00:25

Plot 6-73. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 49–Ch.18900)



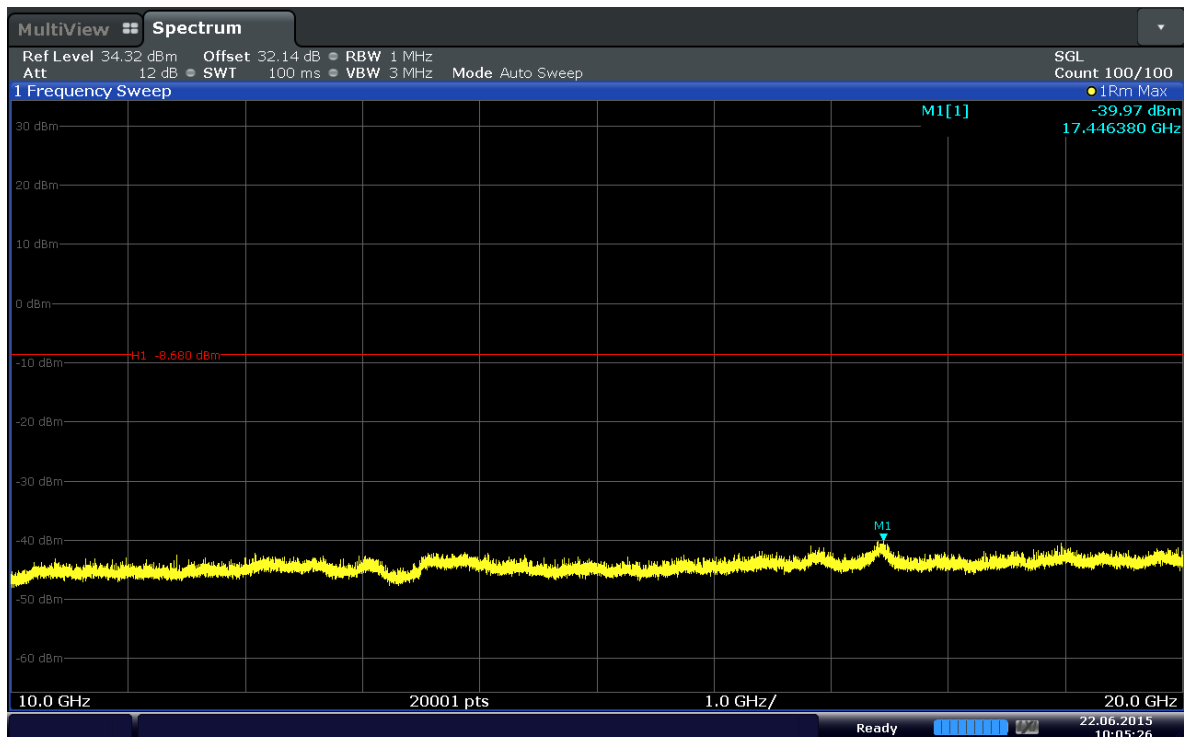
Date: 22.JUN.2015 10:04:49

Plot 6-74. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19100)



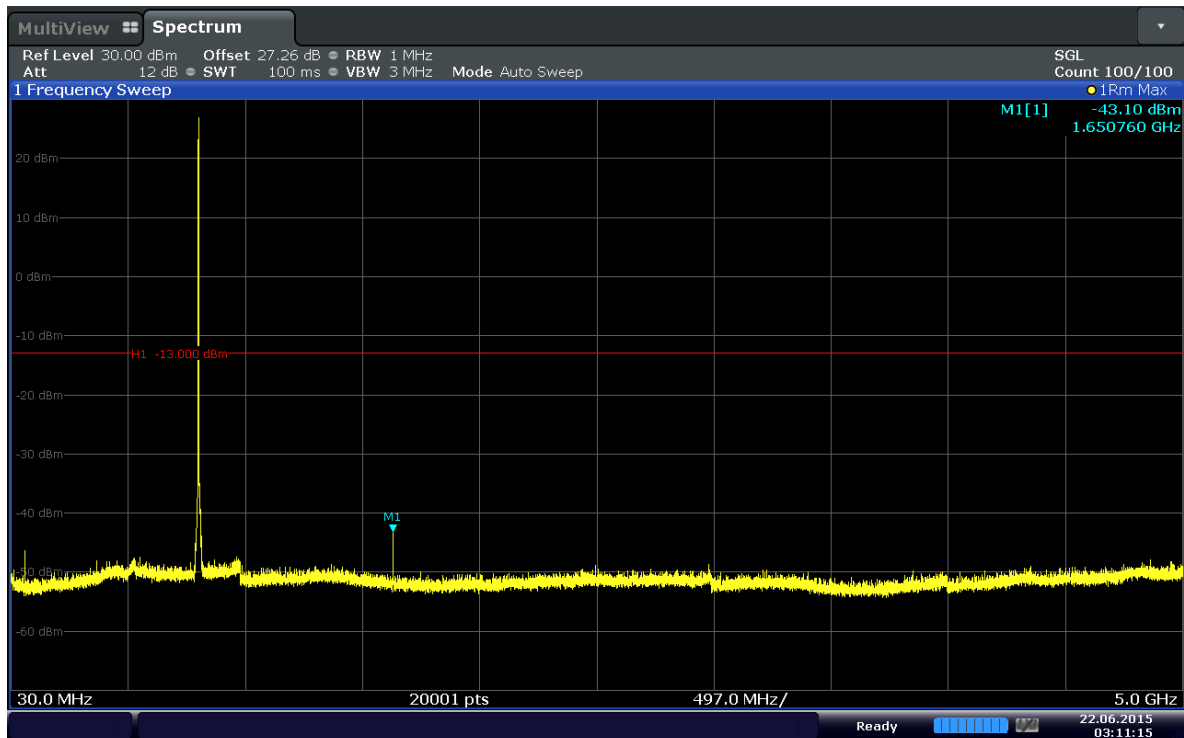
Date: 22.JUN.2015 10:05:06

Plot 6-75. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19100)



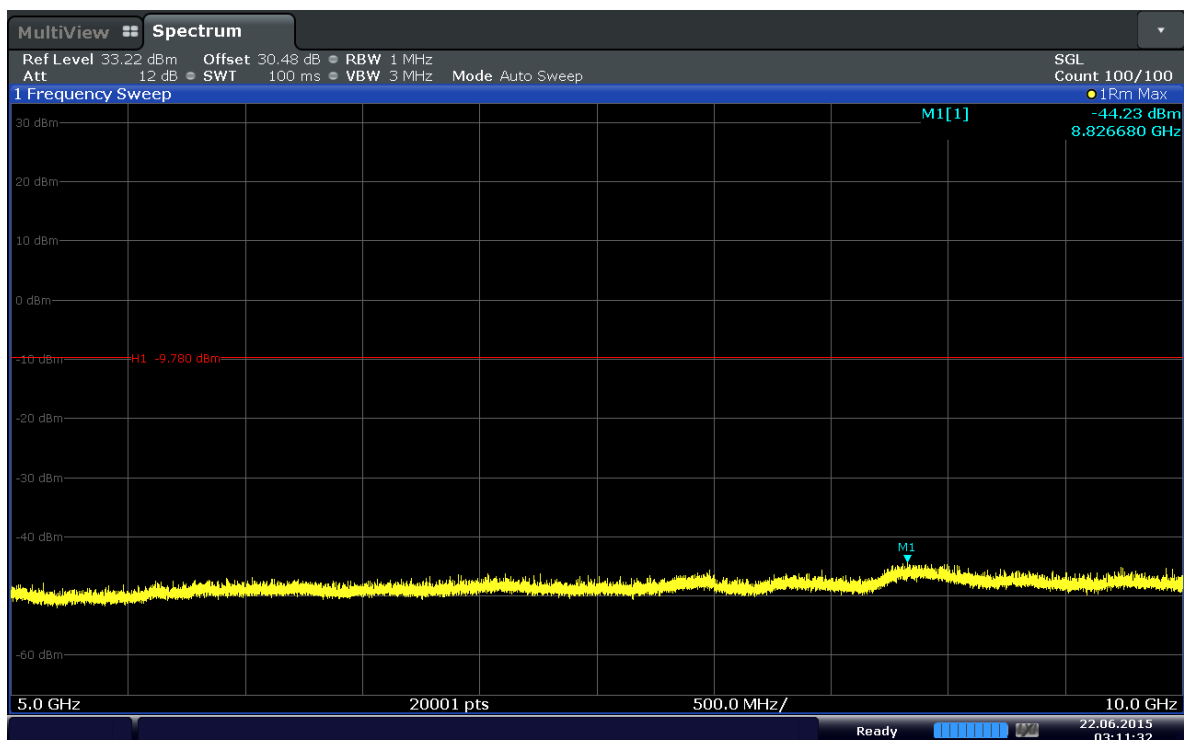
Date: 22.JUN.2015 10:05:26

Plot 6-76. Conducted Spurious Plot (Band 2–20.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.19100)



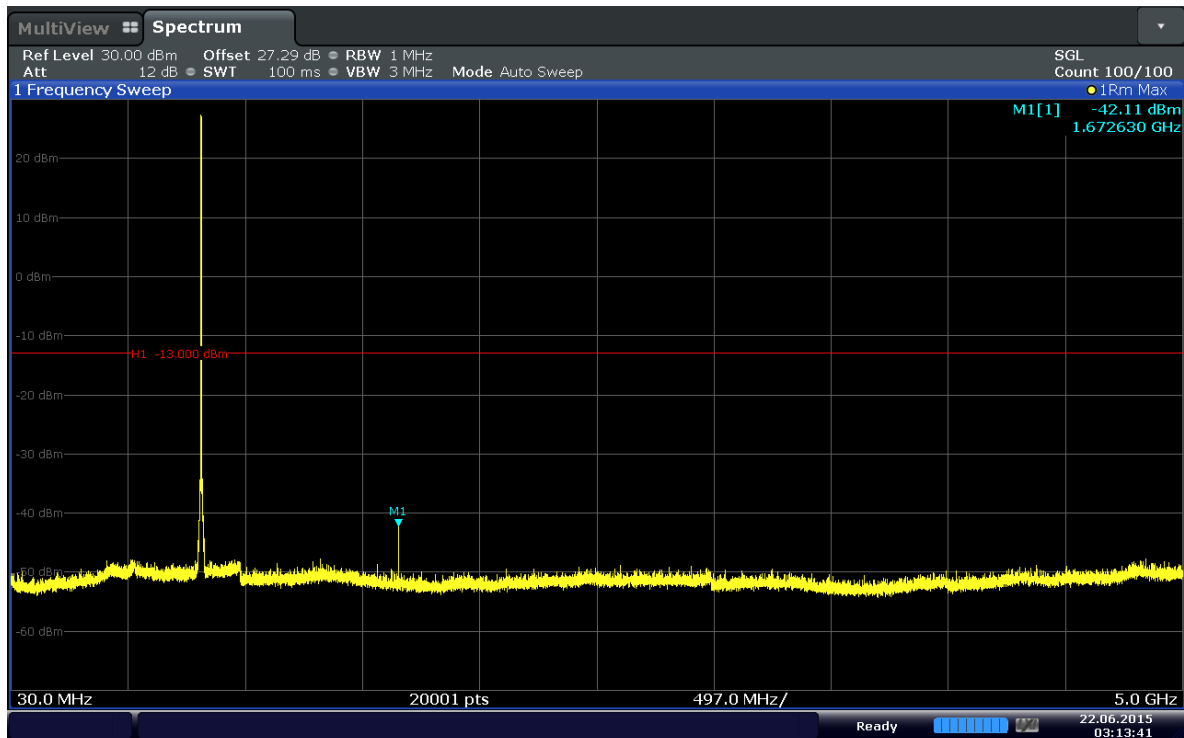
Date: 22.JUN.2015 03:11:15

Plot 6-77. Conducted Spurious Plot (Band 26–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.26797)



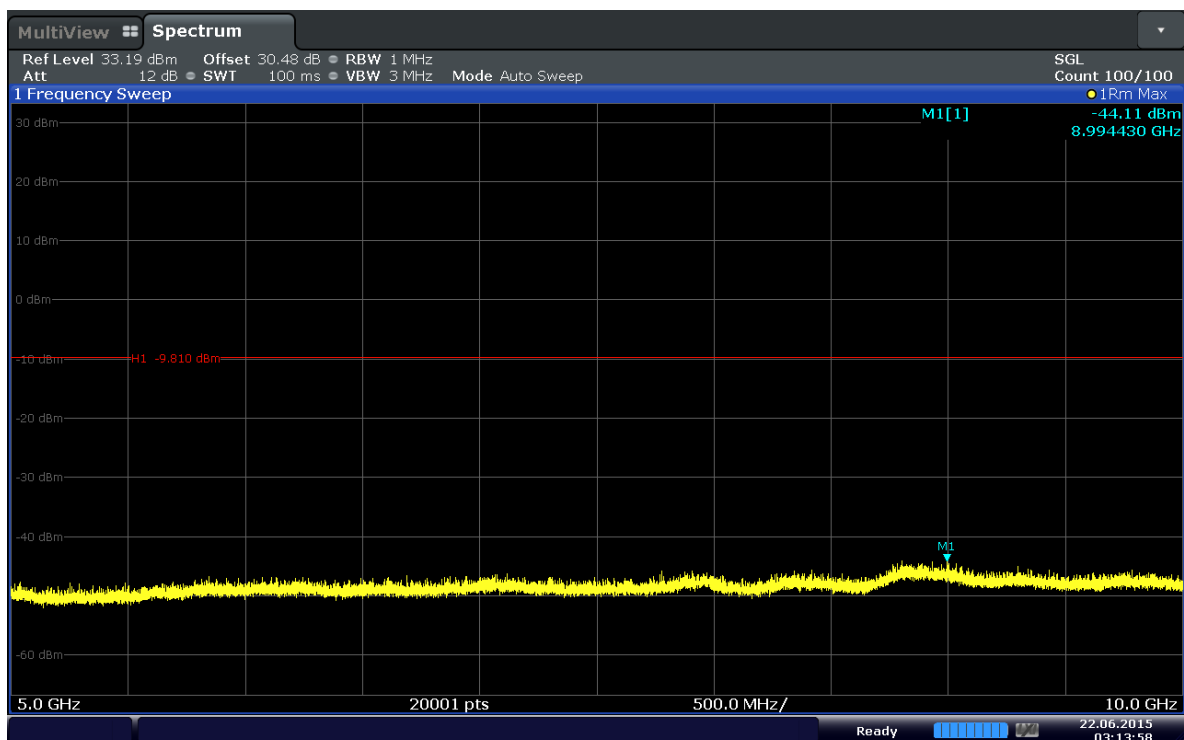
Date: 22.JUN.2015 03:11:32

Plot 6-78. Conducted Spurious Plot (Band 26–1.4MHz–QPSK–RB Size 1–RB Offset 5–Ch.26797)



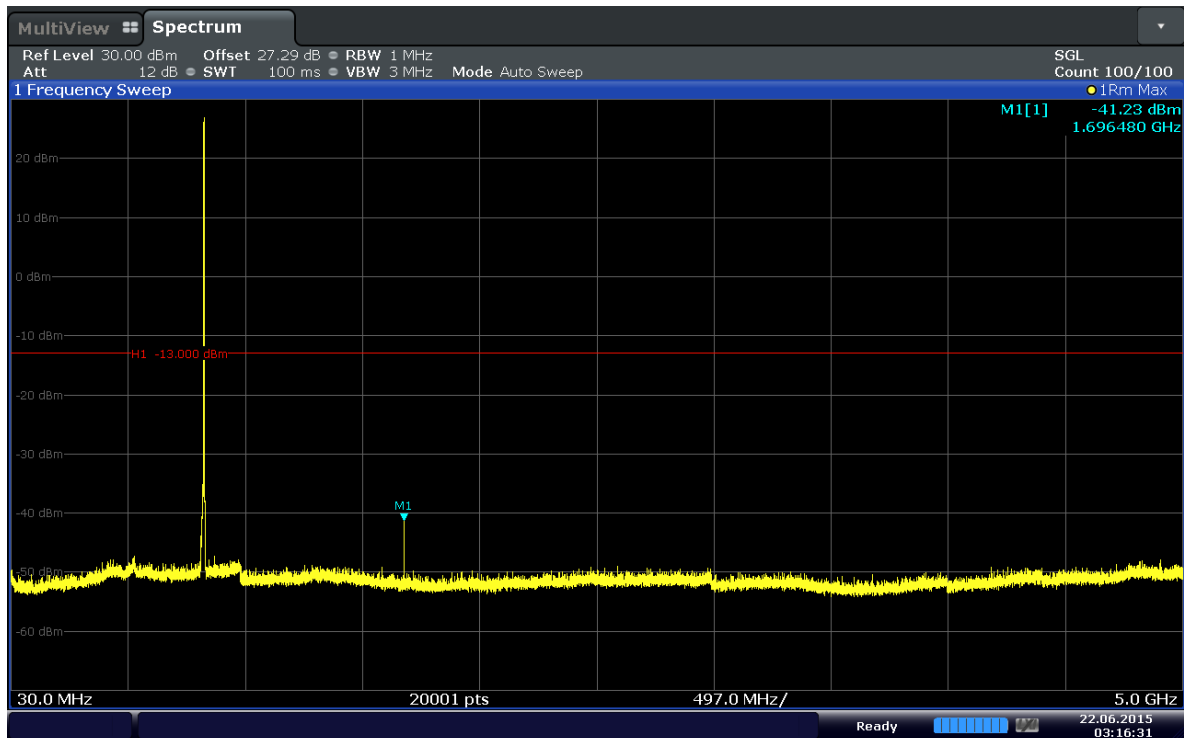
Date: 22.JUN.2015 03:13:41

Plot 6-79. Conducted Spurious Plot (Band 26–1.4MHz–QPSK–RB Size 1–RB Offset 2–Ch.26915)



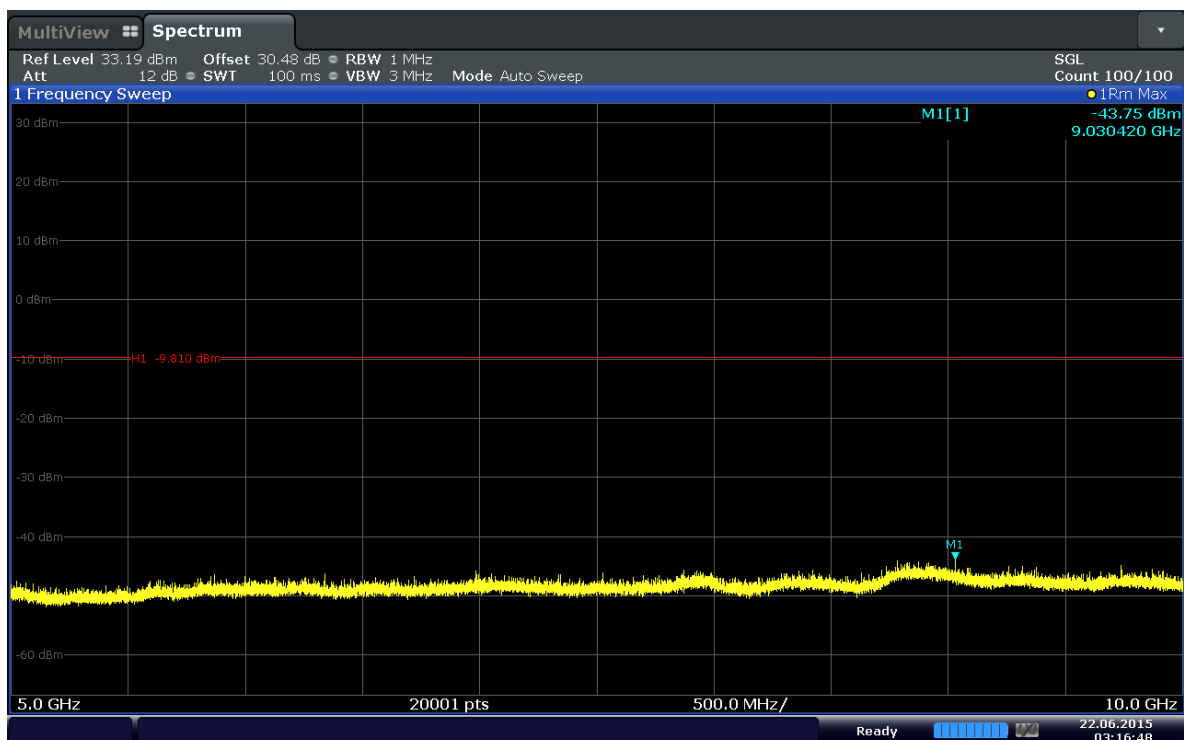
Date: 22.JUN.2015 03:13:58

Plot 6-80. Conducted Spurious Plot (Band 26–1.4MHz–QPSK–RB Size 1–RB Offset 2–Ch.26915)



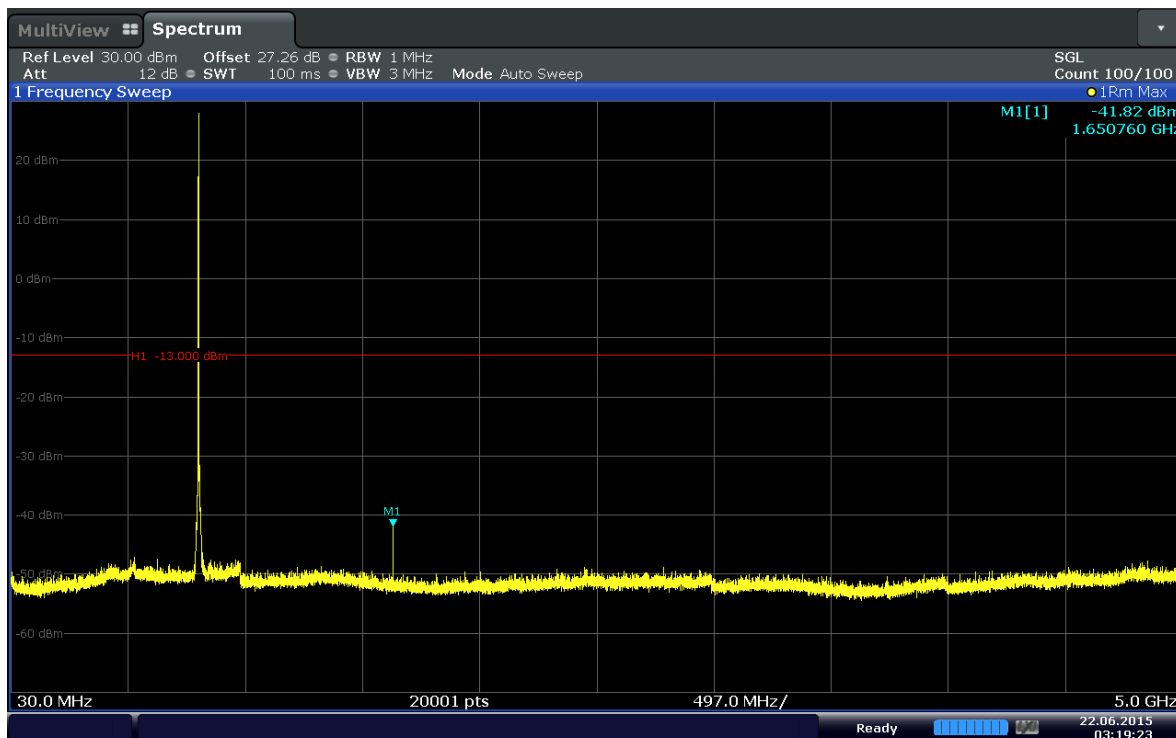
Date: 22.JUN.2015 03:16:31

Plot 6-81. Conducted Spurious Plot (Band 26–1.4MHz–QPSK–RB Size 1–RB Offset 2–Ch.27033)



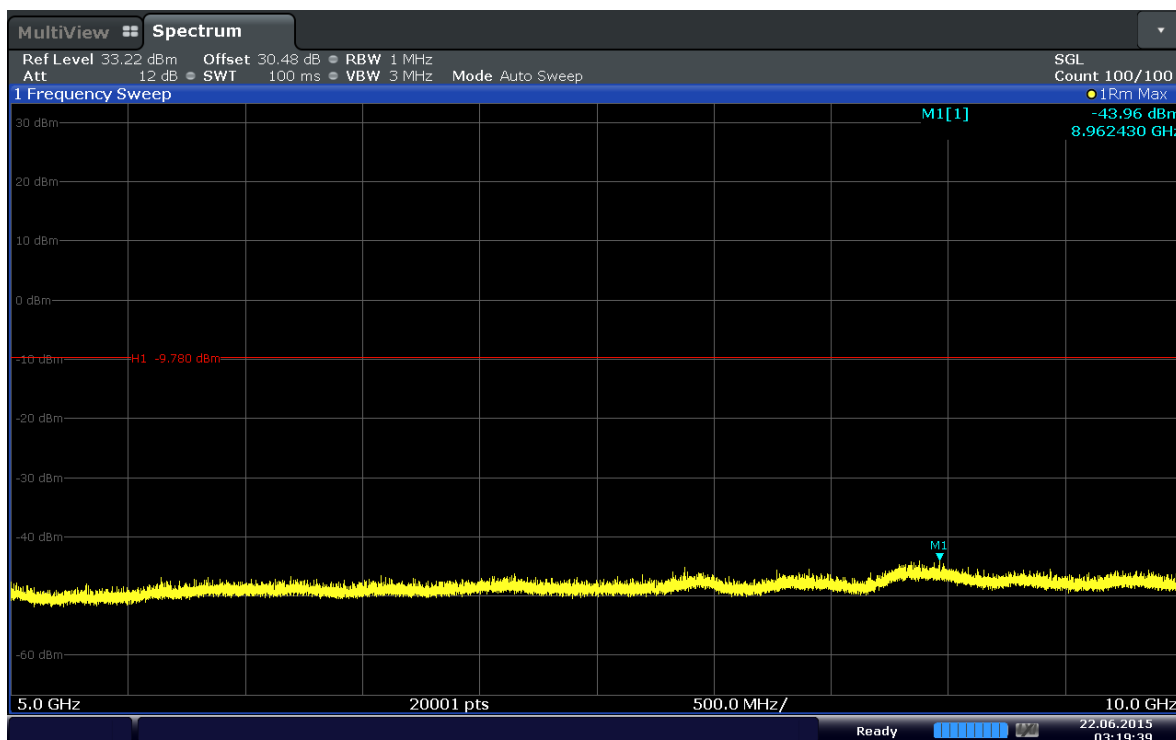
Date: 22.JUN.2015 03:16:48

Plot 6-82. Conducted Spurious Plot (Band 26–1.4MHz–QPSK–RB Size 1–RB Offset 2–Ch.27033)



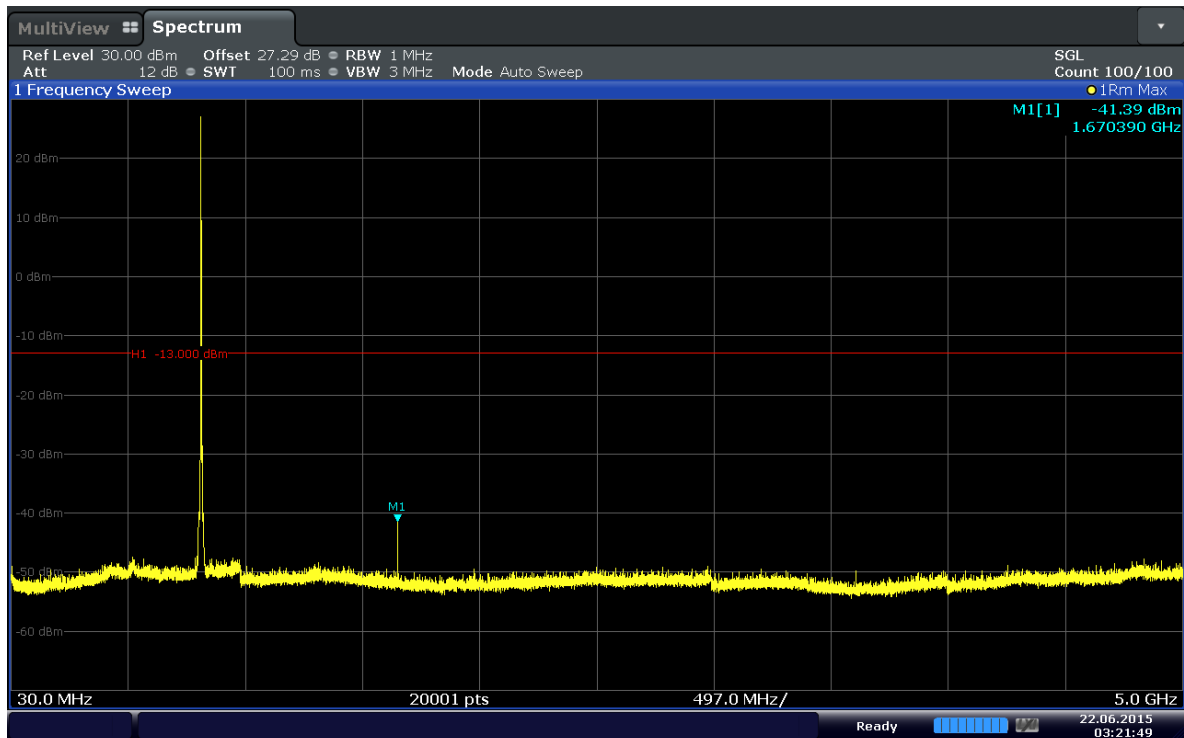
Date: 22.JUN.2015 03:19:22

Plot 6-83. Conducted Spurious Plot (Band 26–3.0MHz–QPSK–RB Size 1–RB Offset 7–Ch.26805)



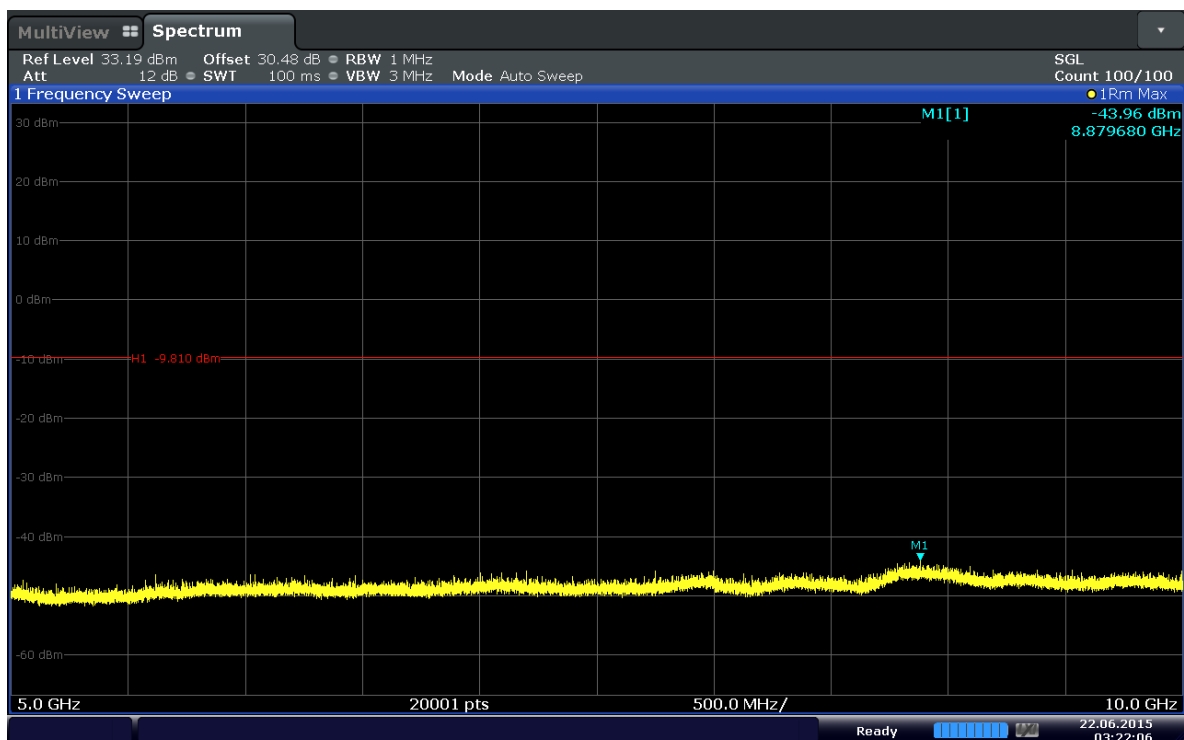
Date: 22.JUN.2015 03:19:39

Plot 6-84. Conducted Spurious Plot (Band 26–3.0MHz–QPSK–RB Size 1–RB Offset 7–Ch.26805)



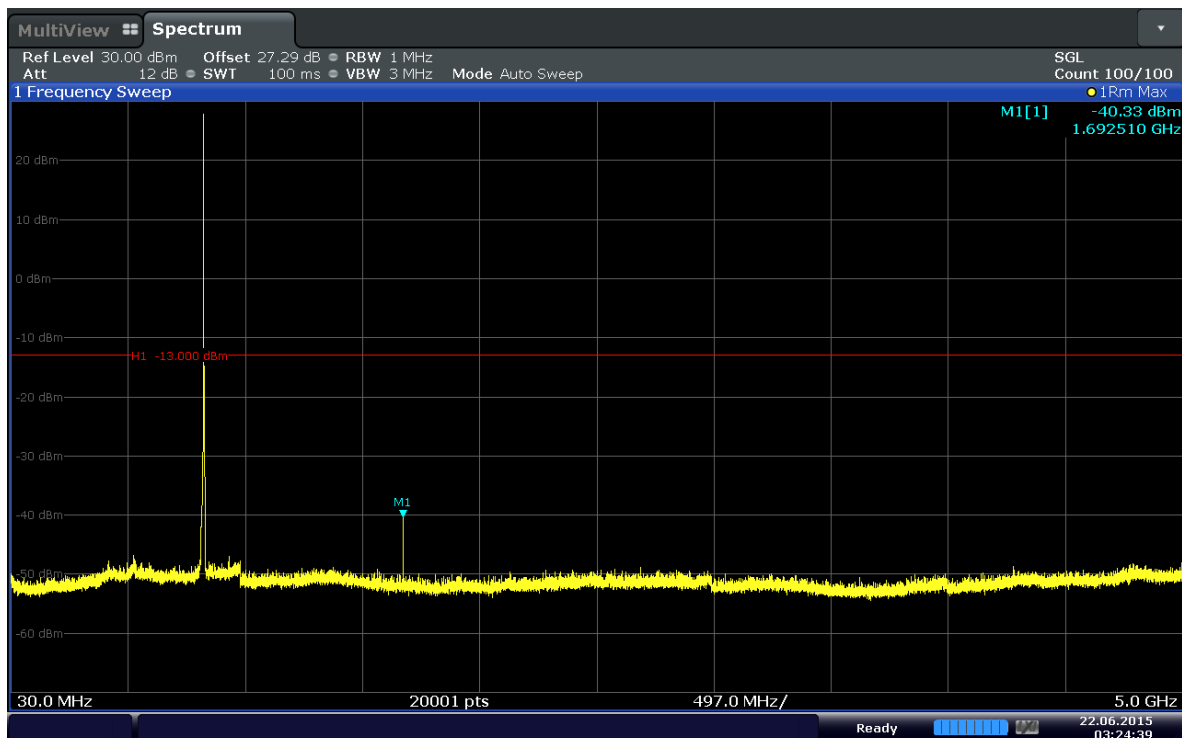
Date: 22.JUN.2015 03:21:49

Plot 6-85. Conducted Spurious Plot (Band 26–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



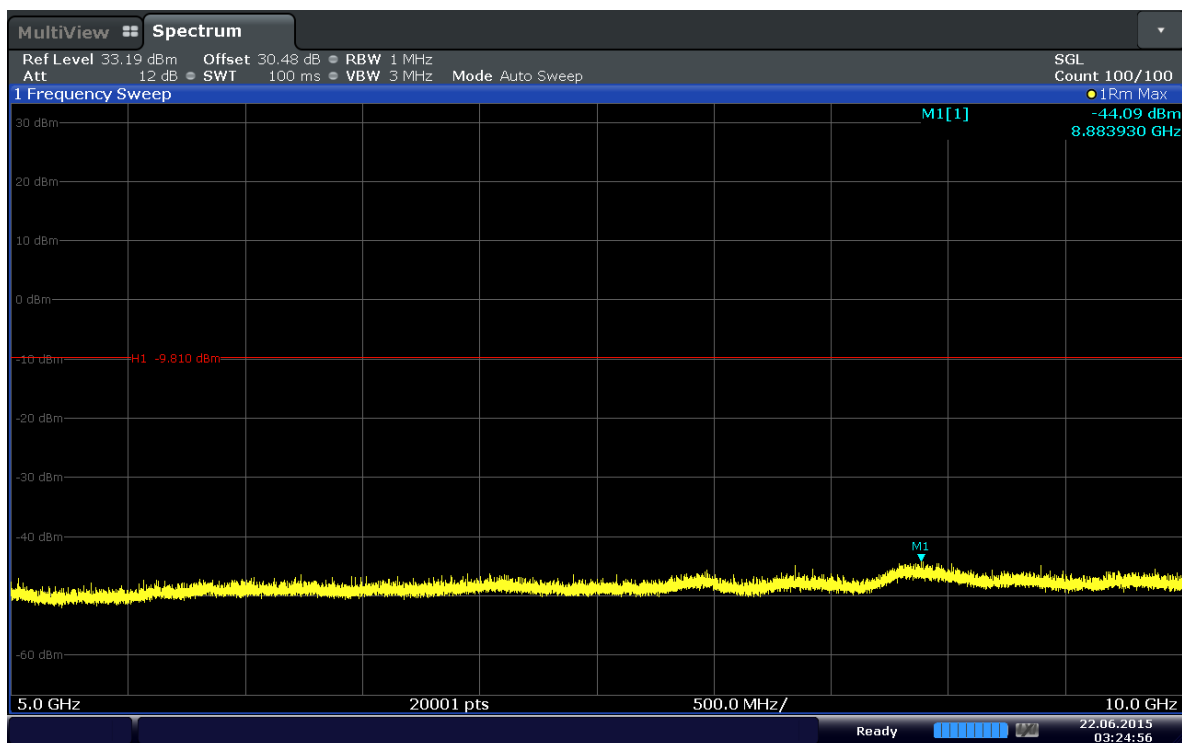
Date: 22.JUN.2015 03:22:06

Plot 6-86. Conducted Spurious Plot (Band 26–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



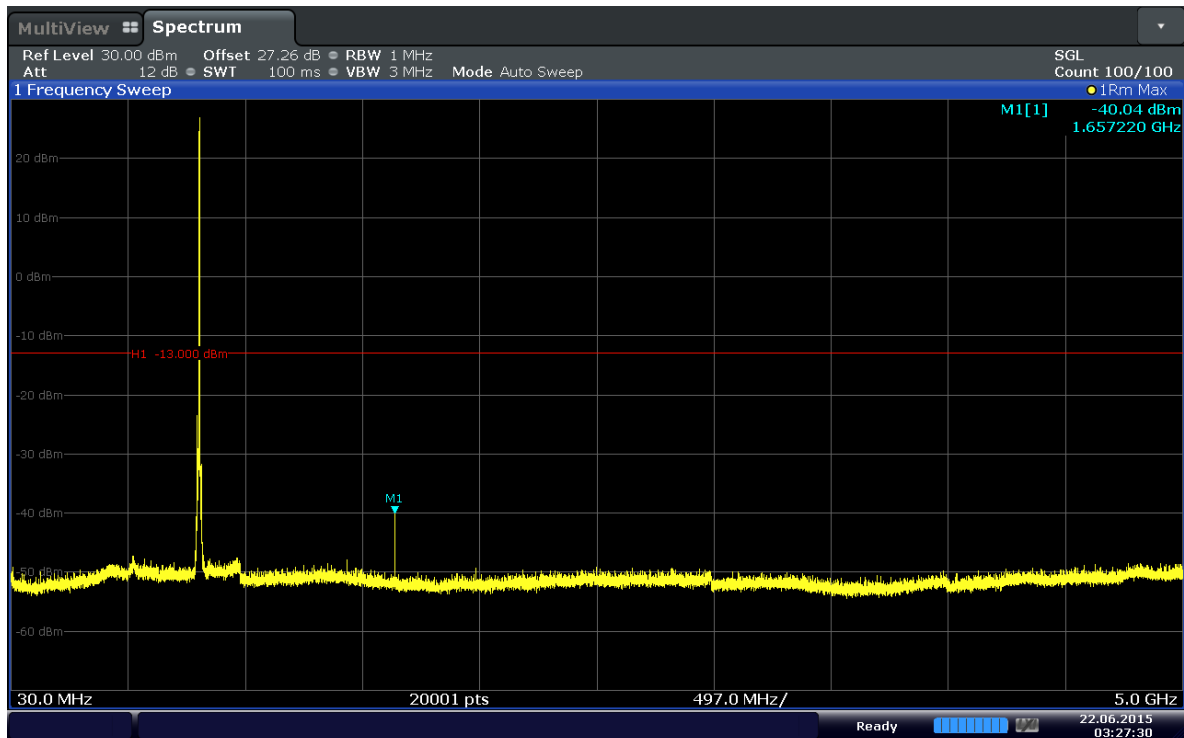
Date: 22.JUN.2015 03:24:40

Plot 6-87. Conducted Spurious Plot (Band 26–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.27025)



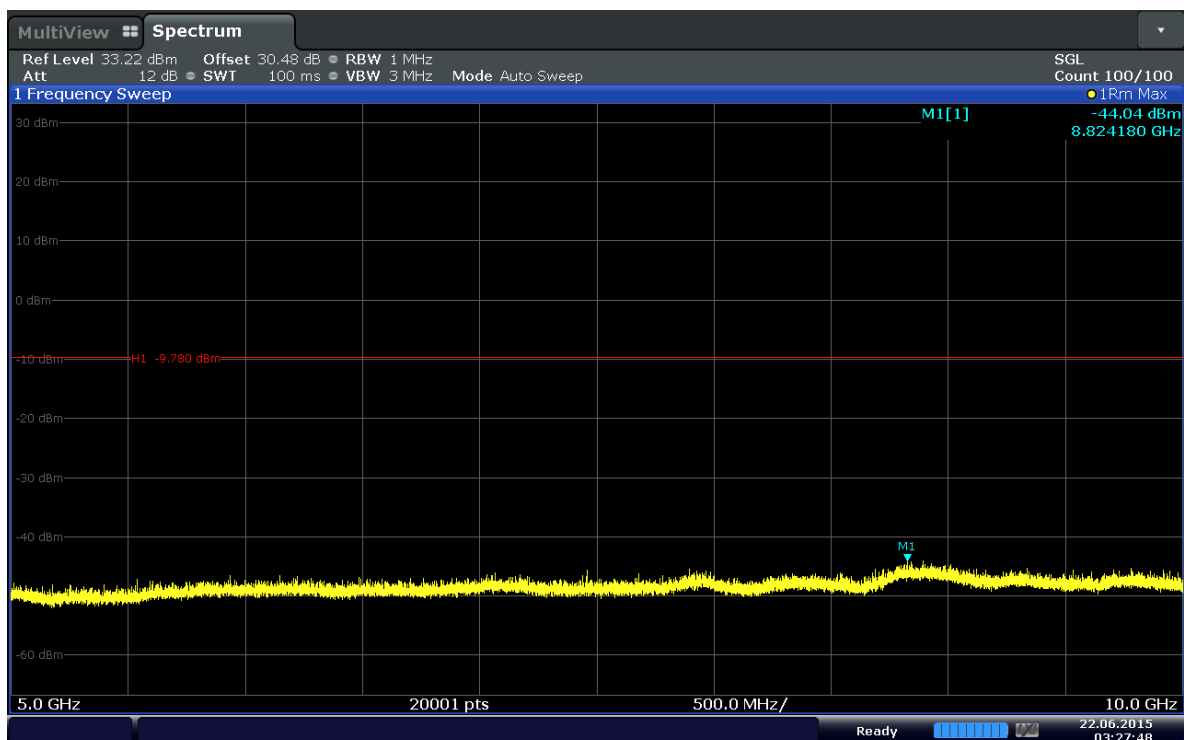
Date: 22.JUN.2015 03:24:57

Plot 6-88. Conducted Spurious Plot (Band 26–3.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.27025)



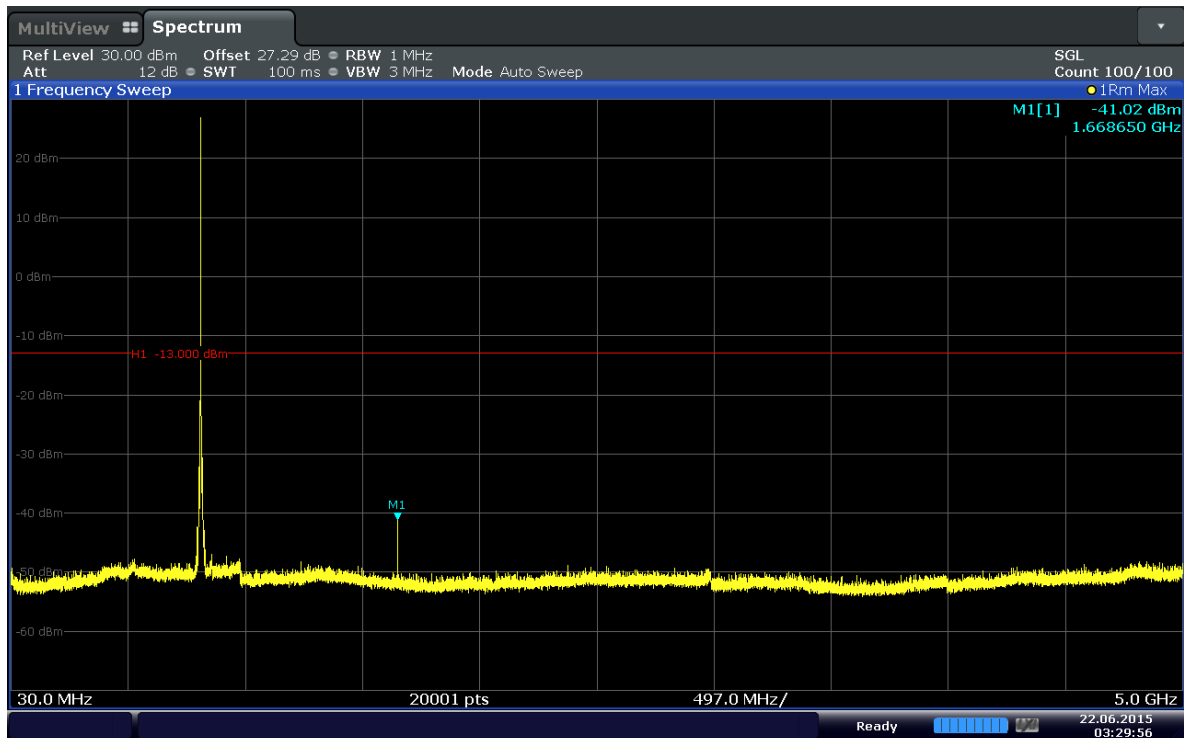
Date: 22.JUN.2015 03:27:30

Plot 6-89. Conducted Spurious Plot (Band 26–5.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.26815)



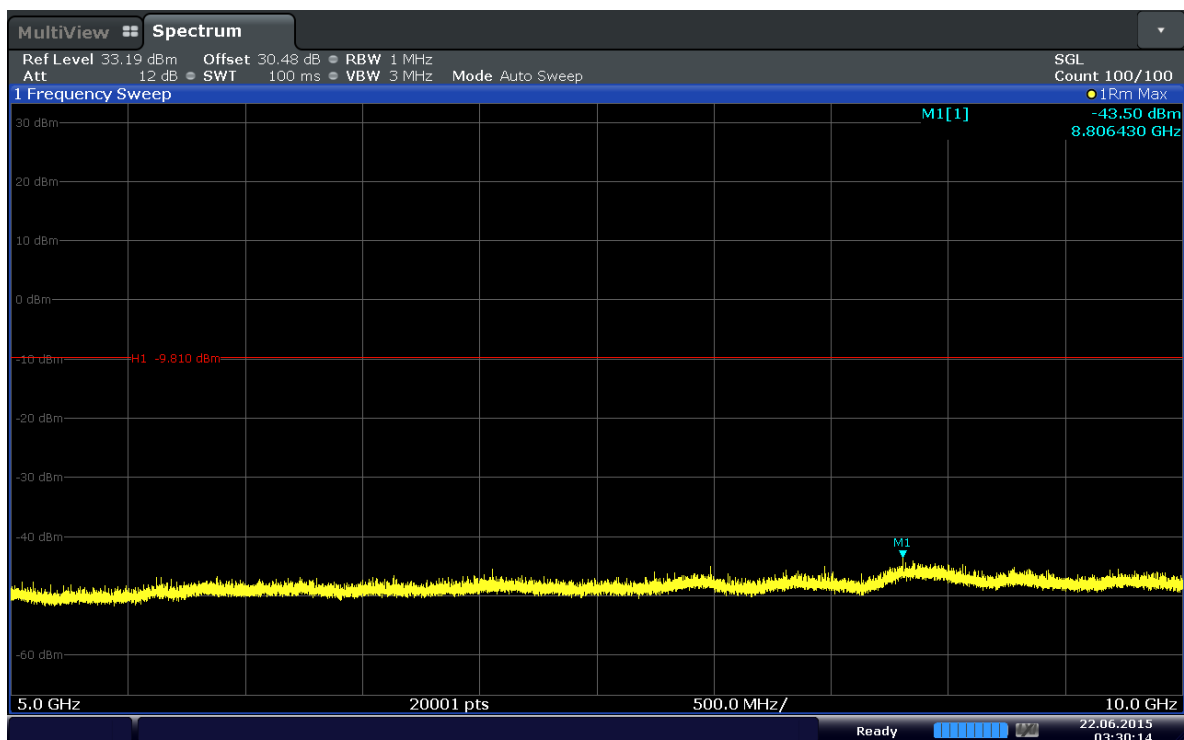
Date: 22.JUN.2015 03:27:47

Plot 6-90. Conducted Spurious Plot (Band 26–5.0MHz–QPSK–RB Size 1–RB Offset 24–Ch.26815)



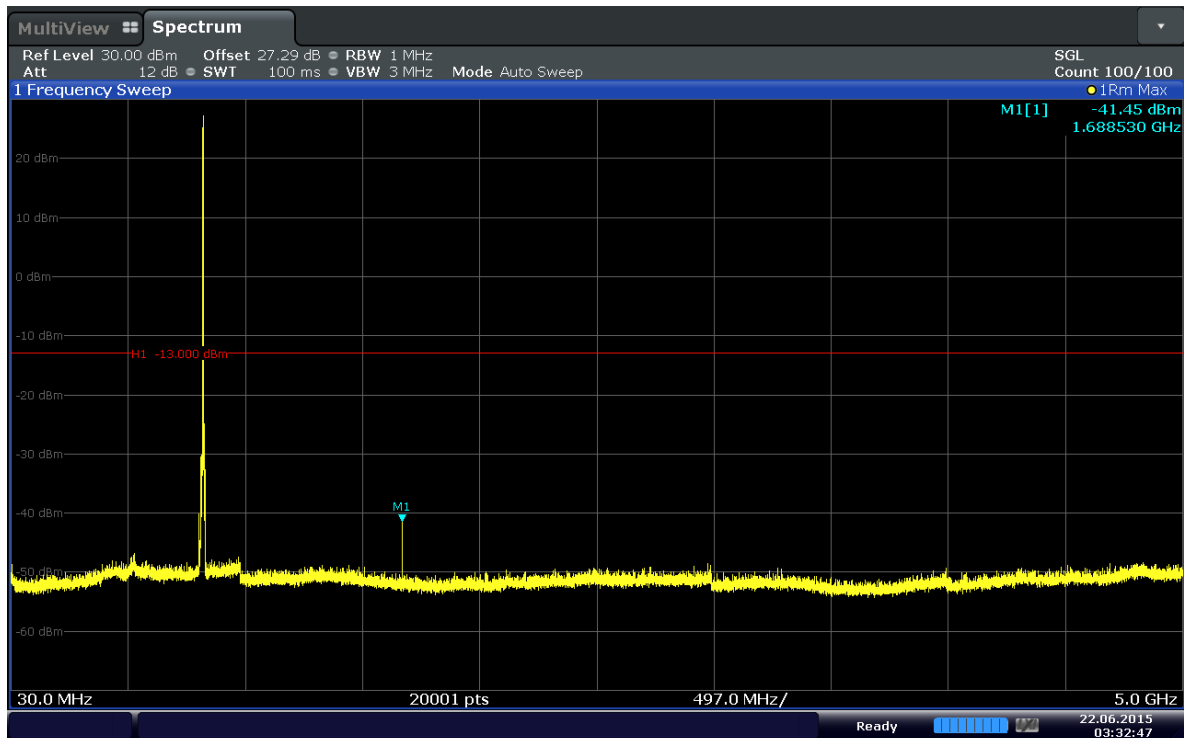
Date: 22.JUN.2015 03:29:57

Plot 6-91. Conducted Spurious Plot (Band 26–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



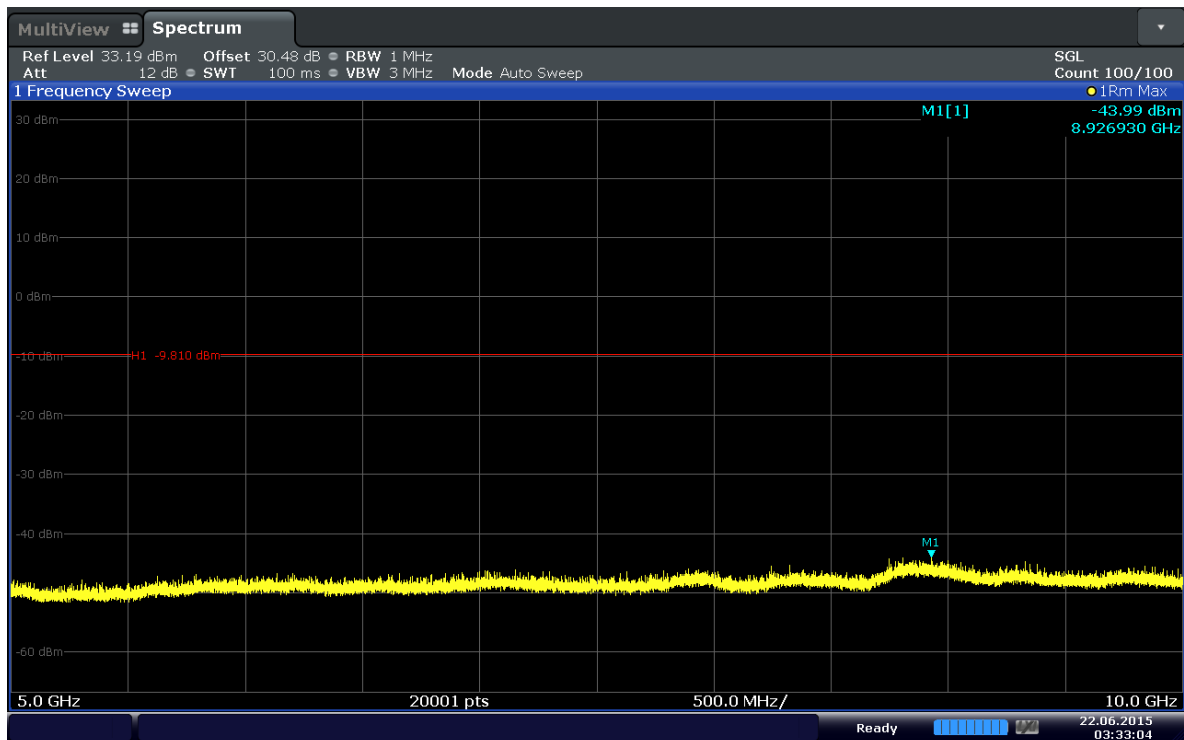
Date: 22.JUN.2015 03:30:14

Plot 6-92. Conducted Spurious Plot (Band 26–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



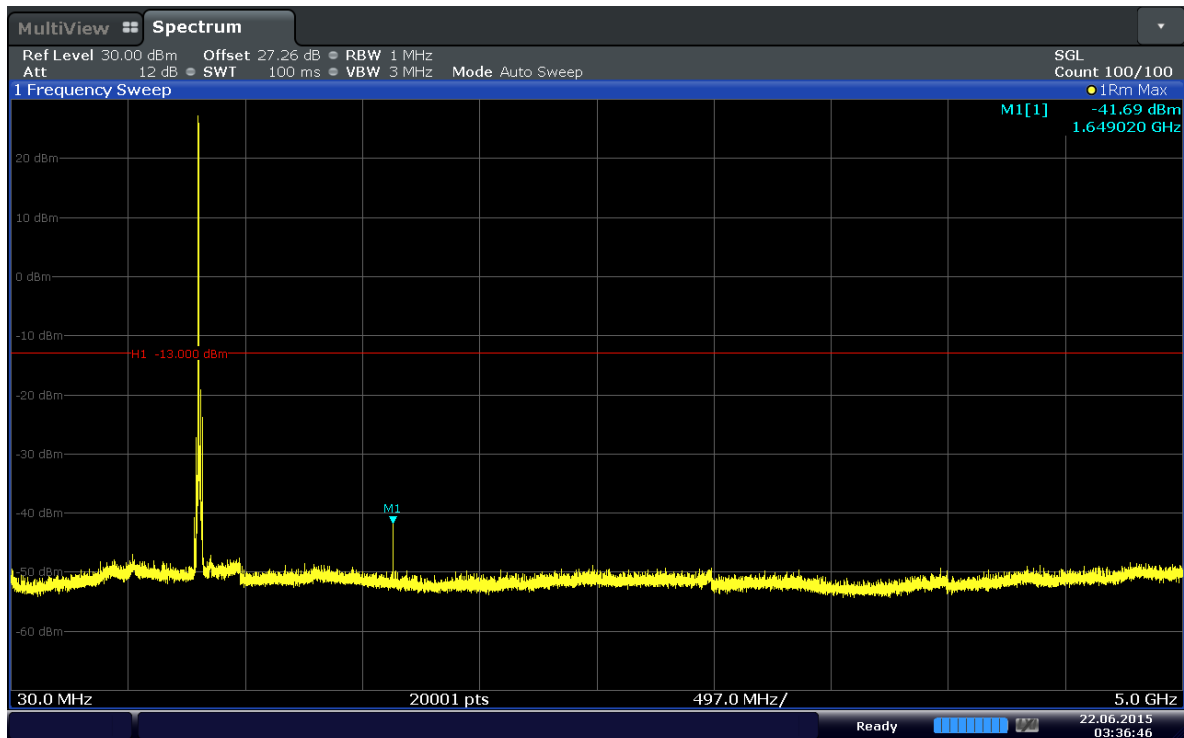
Date: 22.JUN.2015 03:32:47

Plot 6-93. Conducted Spurious Plot (Band 26–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.27015)



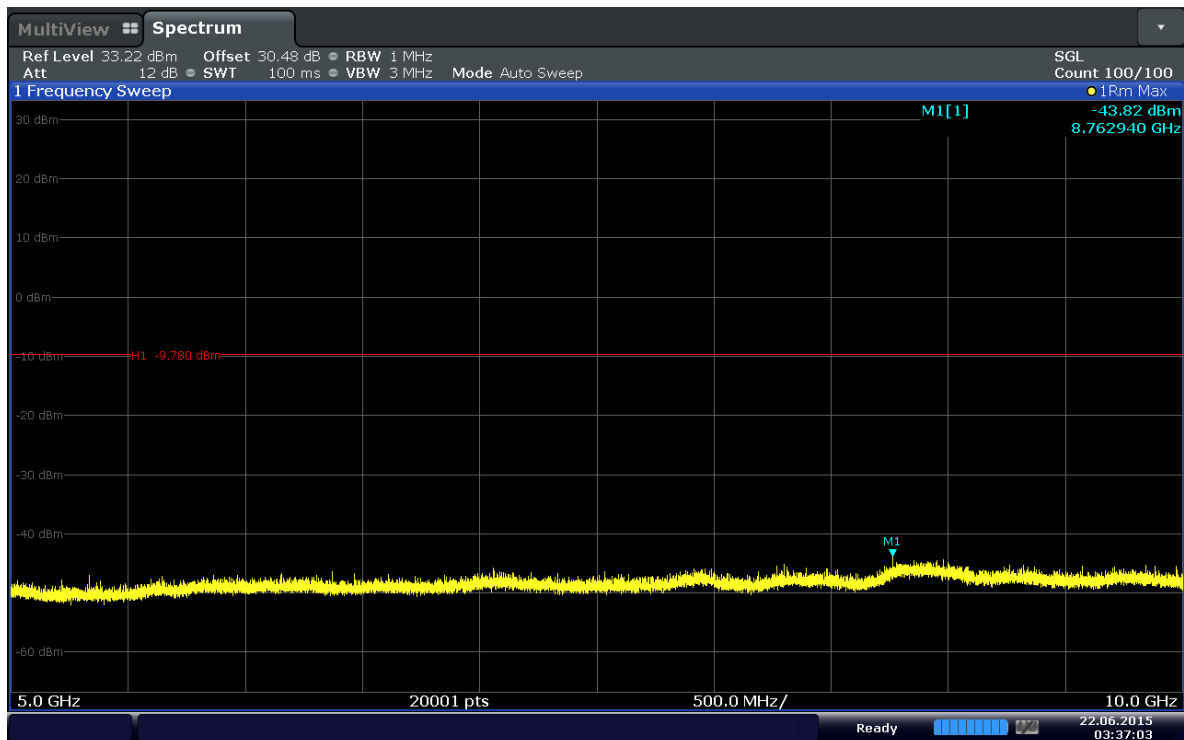
Date: 22.JUN.2015 03:33:04

Plot 6-94. Conducted Spurious Plot (Band 26–5.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.27015)



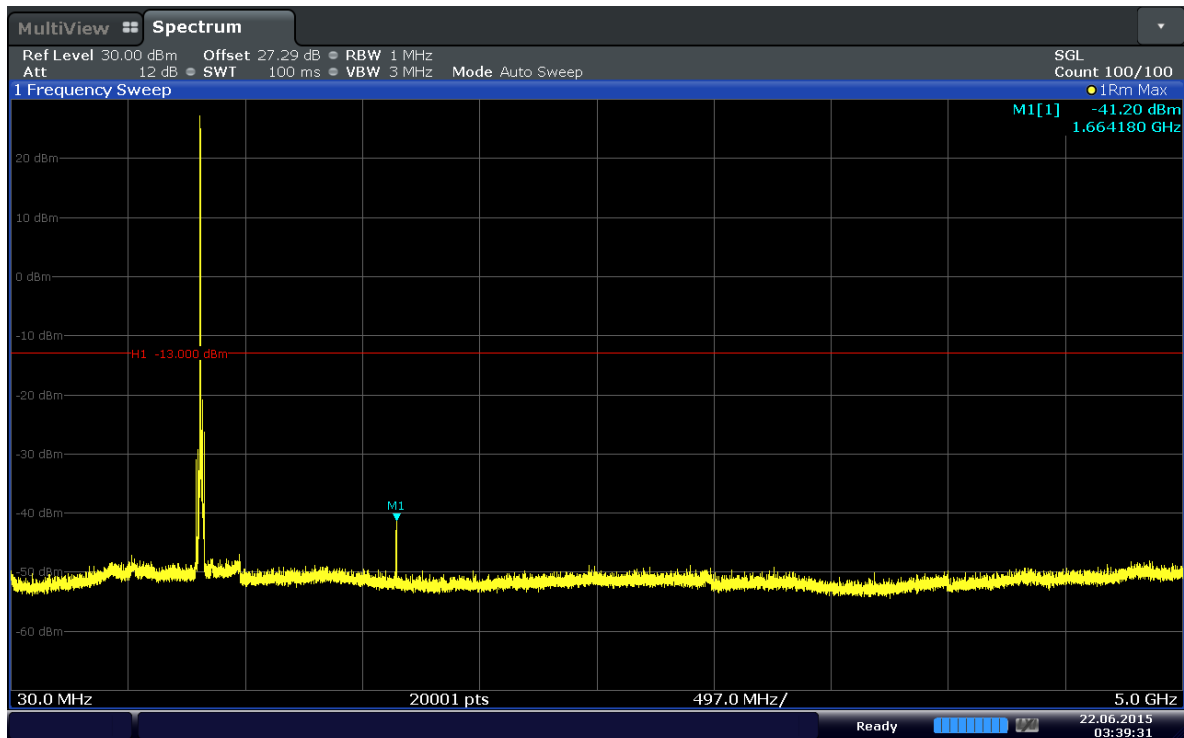
Date: 22.JUN.2015 03:36:46

Plot 6-95. Conducted Spurious Plot (Band 26–10.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26840)



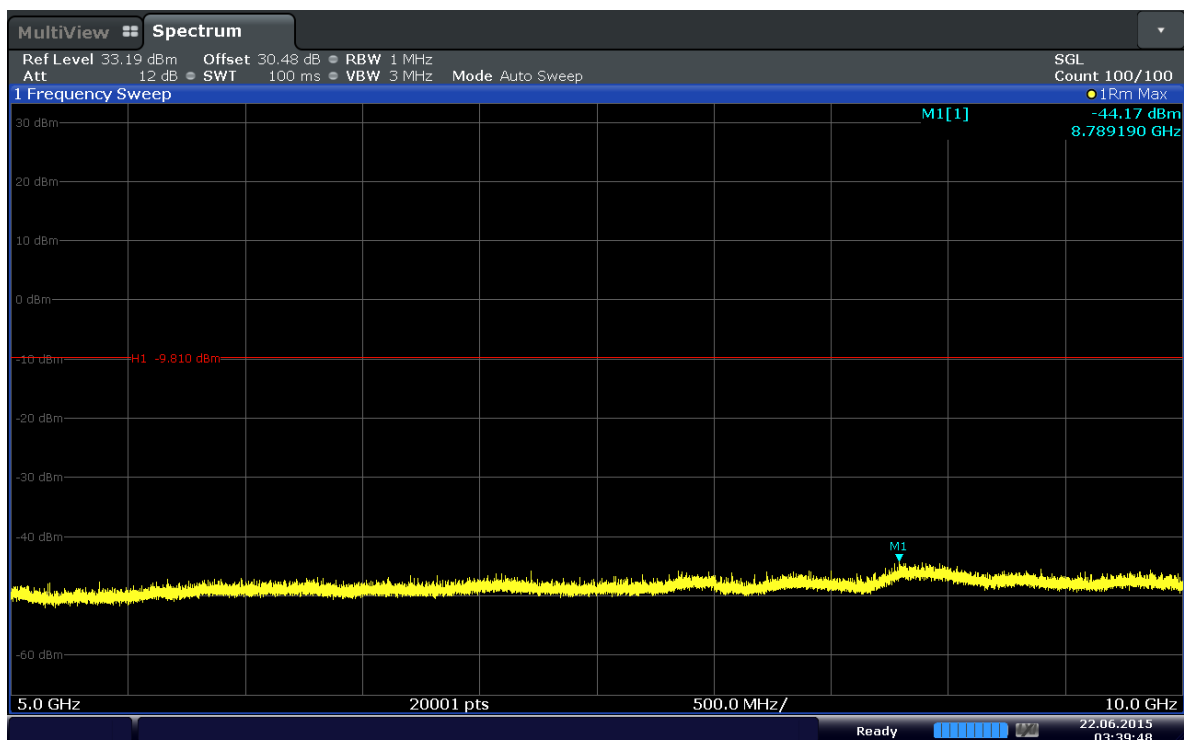
Date: 22.JUN.2015 03:37:03

Plot 6-96. Conducted Spurious Plot (Band 26–10.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26840)



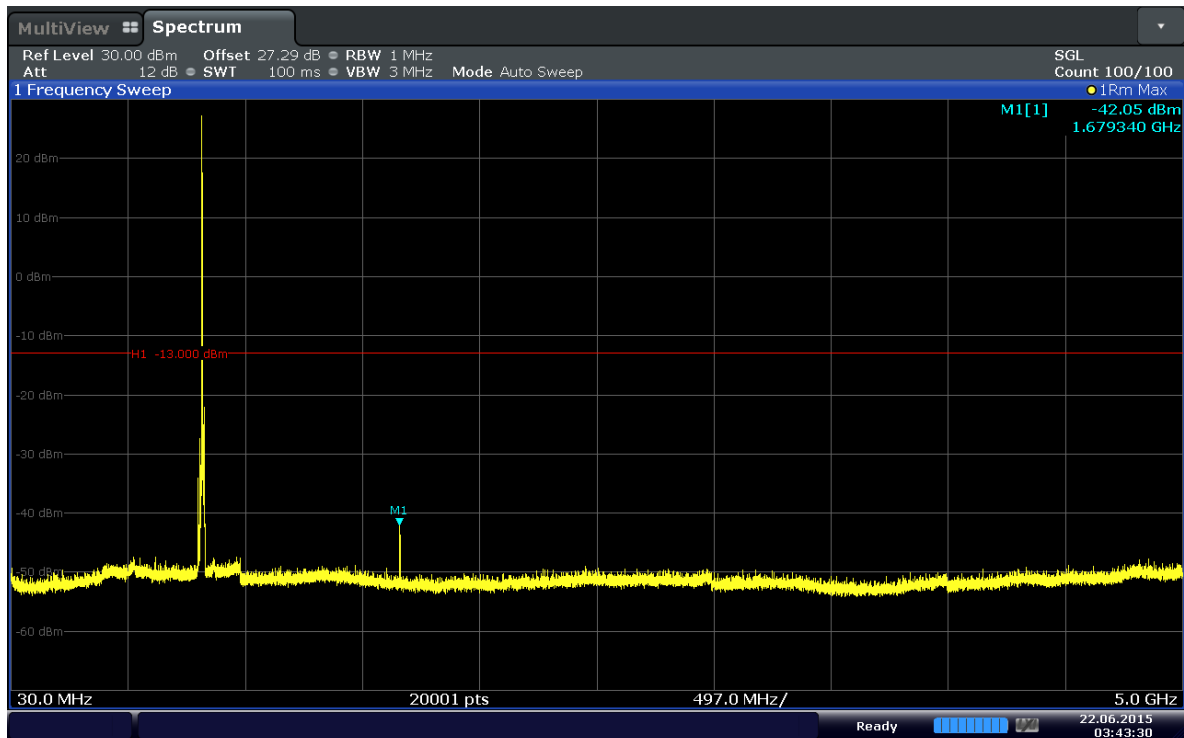
Date: 22.JUN.2015 03:39:32

Plot 6-97. Conducted Spurious Plot (Band 26–10.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



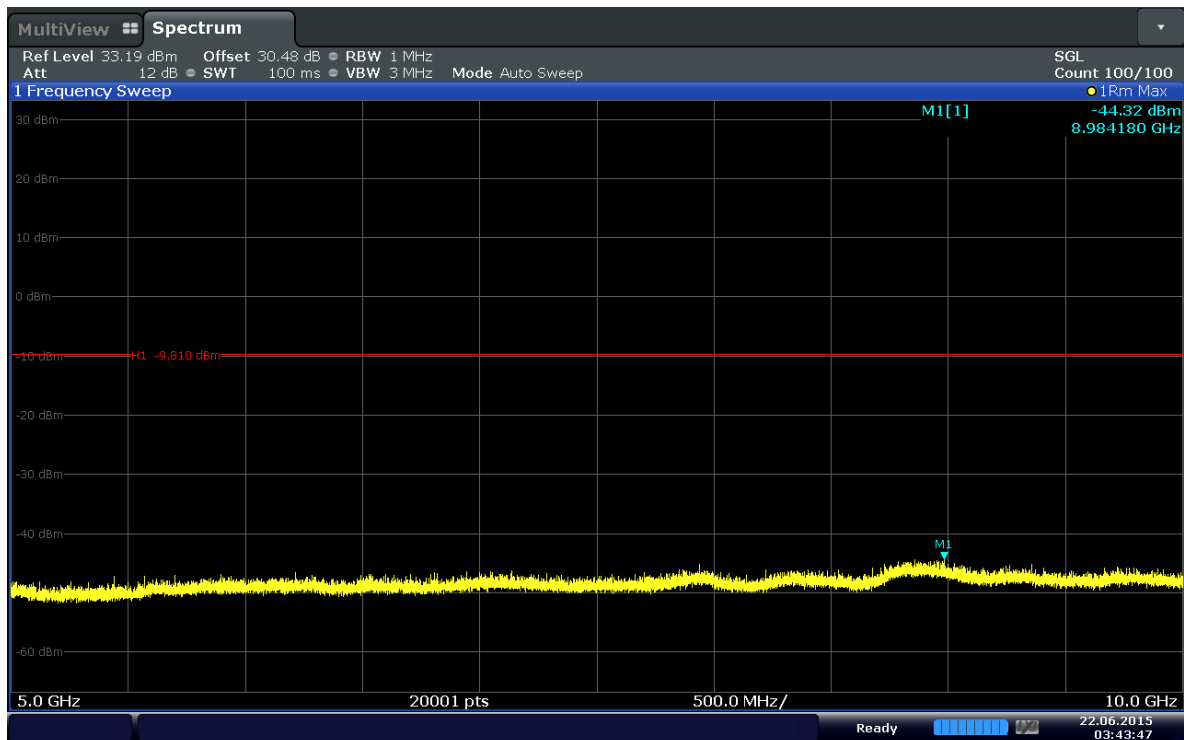
Date: 22.JUN.2015 03:39:49

Plot 6-98. Conducted Spurious Plot (Band 26–10.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



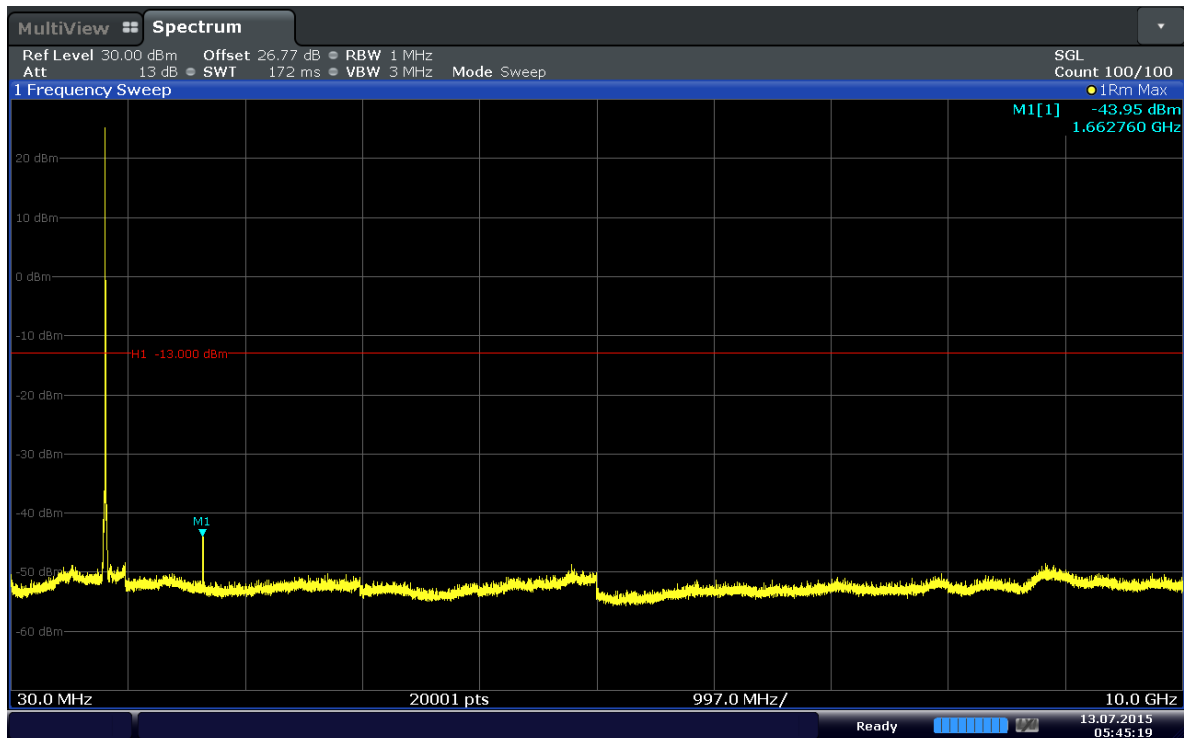
Date: 22.JUN.2015 03:43:30

Plot 6-99. Conducted Spurious Plot (Band 26–10.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26990)



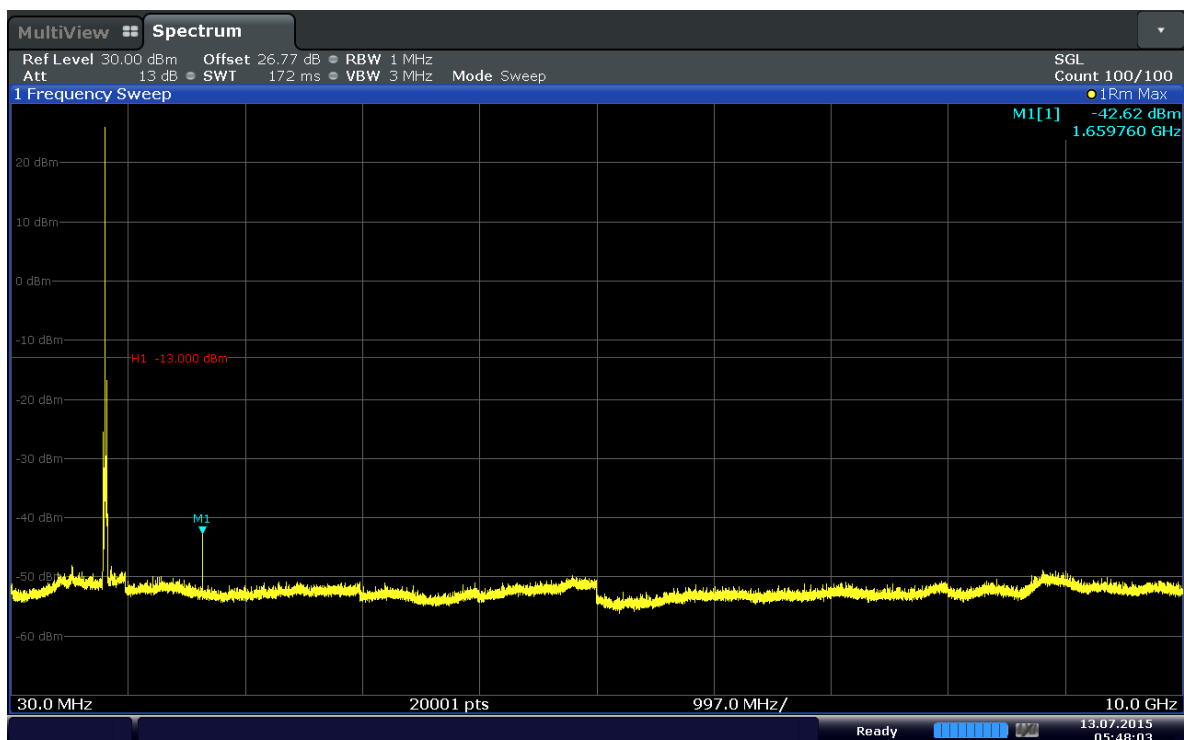
Date: 22.JUN.2015 03:43:47

Plot 6-100. Conducted Spurious Plot (Band 26–10.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26990)



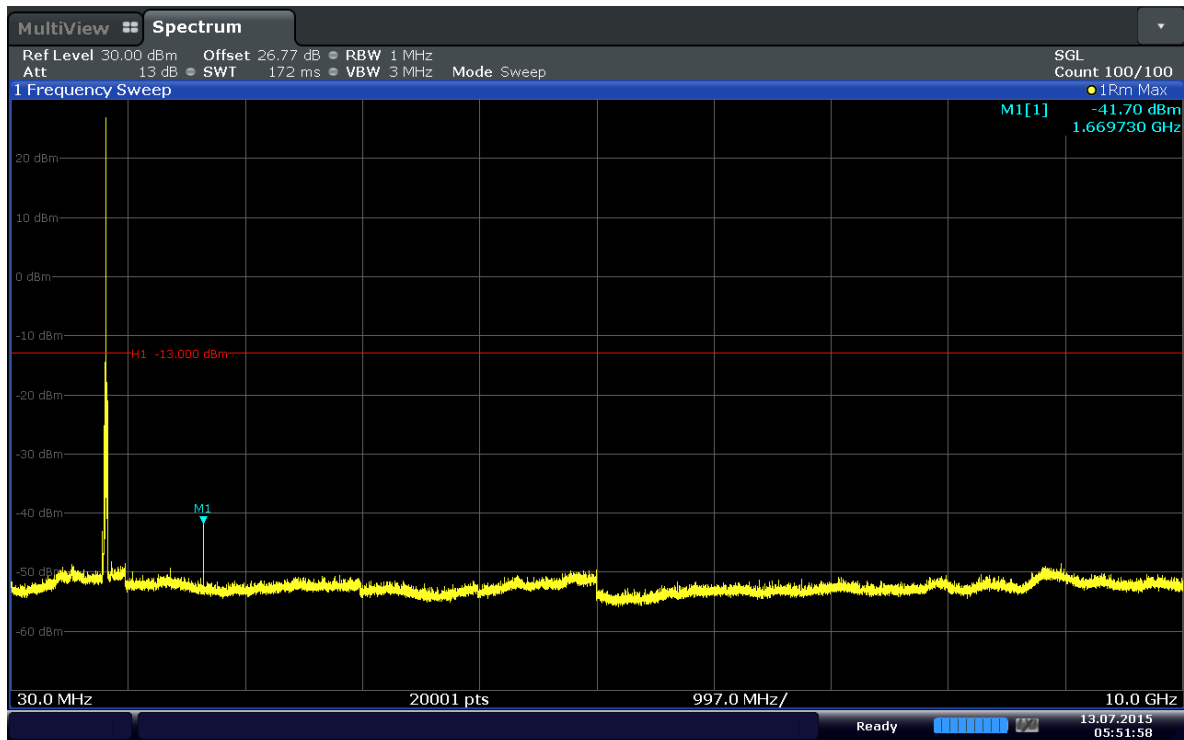
Date: 13.JUL.2015 05:45:20

Plot 6-101. Conducted Spurious Plot (Band 26–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26865)



Date: 13.JUL.2015 05:48:03

Plot 6-102. Conducted Spurious Plot (Band 26–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26915)



Date: 13.JUL.2015 05:51:59

Plot 6-103. Conducted Spurious Plot (Band 26–15.0MHz–QPSK–RB Size 1–RB Offset 0–Ch.26965)

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