

Chongqing Academy of Information and Communications Technology

Report No.:B18W50279 Rev3

4244.24	-52.65	7.8	12.6	-47.85	H
5093.65	-50.78	6.8	12.7	-44.88	V
5942.49	-52.11	1.4	13.1	-40.41	V

Test Data (3MHz Bandwidth 16QAM Mode channel 26690)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1627.45	-34.33	4.7	9.4	-29.63	V
2441.84	-38.54	5.9	10.6	-33.84	V
3255.67	-50.83	6.7	12.6	-44.93	V
4070.43	-52.67	7.6	12.6	-47.67	H
4884.76	-51.92	7.9	12.7	-47.12	V
5697.22	-52.57	1.7	13.1	-41.17	V

Test Data (3MHz Bandwidth 16QAM Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.45	-34.66	4.7	9.4	-29.96	H
2495.63	-37.45	5.9	10.6	-32.75	V
3325.56	-54.49	6.8	12.6	-48.69	V
4157.29	-54.37	7.6	12.6	-49.37	V
4990.95	-53.50	7.5	12.7	-48.30	V
5820.29	-53.70	1.4	13.1	-42.00	V

Test Data (3MHz Bandwidth 16QAM Mode channel 27040)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1698.38	-34.65	4.8	9.4	-30.05	V
2547.45	-38.22	5.9	10.6	-33.52	H
3395.68	-50.99	6.9	12.6	-45.29	V

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4244.77	-51.81	7.8	12.6	-47.01	V
5094.59	-51.87	6.8	12.7	-45.97	V
5942.67	-54.28	1.4	13.1	-42.58	V

Test Data (5MHz Bandwidth QPSK Mode channel 26715)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1630.65	-34.63	4.7	9.4	-29.93	V
2445.28	-38.53	5.9	10.6	-33.83	V
3259.64	-51.34	6.7	12.6	-45.44	H
4073.46	-54.97	7.6	12.6	-49.97	V
4887.88	-53.36	7.9	12.7	-48.56	V
5700.96	-52.33	1.7	13.1	-40.93	V

Test Data (5MHz Bandwidth QPSK Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.53	-33.83	4.7	9.4	-29.13	V
2494.82	-38.44	5.9	10.6	-33.74	V
3326.48	-50.30	6.8	12.6	-44.50	H
4157.97	-52.64	7.6	12.6	-47.64	V
4989.13	-53.82	7.5	12.7	-48.62	V
5820.67	-51.25	1.4	13.1	-39.55	V

Test Data (5MHz Bandwidth QPSK Mode channel 27015)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1696.35	-34.61	4.8	9.4	-30.01	V
2545.72	-38.53	5.9	10.6	-33.83	H
3394.47	-50.96	6.9	12.6	-45.26	V

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4243.82	-54.71	7.8	12.6	-49.91	H
5092.57	-51.32	6.8	12.7	-45.42	V
5941.93	-52.68	1.4	13.1	-40.98	V

Test Data (5MHz Bandwidth 16QAM Mode channel 26715)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1629.45	-34.72	4.7	9.4	-30.02	V
2443.48	-37.90	5.9	10.6	-33.20	V
3257.76	-50.18	6.7	12.6	-44.28	V
4072.68	-50.99	7.6	12.6	-45.99	V
4886.88	-52.60	7.9	12.7	-47.80	V
5699.49	-53.38	1.7	13.1	-41.98	H

Test Data (5MHz Bandwidth 16QAM Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.15	-33.65	4.7	9.4	-28.95	V
2495.84	-39.07	5.9	10.6	-34.37	V
3325.55	-52.51	6.8	12.6	-46.71	H
4157.89	-52.58	7.6	12.6	-47.58	H
4990.52	-51.96	7.5	12.7	-46.76	V
5820.59	-52.53	1.4	13.1	-40.83	V

Test Data (5MHz Bandwidth 16QAM Mode channel 27015)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1696.53	-34.62	4.8	9.4	-30.02	V
2545.31	-38.59	5.9	10.6	-33.89	V
3394.20	-50.94	6.9	12.6	-45.24	V

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4243.45	-54.33	7.8	12.6	-49.53	V
5092.23	-53.23	6.8	12.7	-47.33	H
5941.57	-51.11	1.4	13.1	-39.41	H

Test Data (10MHz Bandwidth QPSK Mode channel 26740)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1632.47	-34.73	4.7	9.4	-30.03	V
2447.47	-38.79	5.9	10.6	-34.09	V
3261.31	-51.47	6.7	12.6	-45.57	V
4075.79	-51.98	7.6	12.6	-46.98	V
4889.24	-52.71	7.9	12.7	-47.91	H
5702.62	-51.16	1.7	13.1	-39.76	V

Test Data (10MHz Bandwidth QPSK Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.41	-34.73	4.7	9.4	-30.03	V
2494.78	-38.70	5.9	10.6	-34.00	V
3326.52	-50.19	6.8	12.6	-44.39	H
4157.36	-51.27	7.6	12.6	-46.27	H
4989.82	-54.93	7.5	12.7	-49.73	V
5820.53	-52.18	1.4	13.1	-40.48	V

Test Data (10MHz Bandwidth QPSK Mode channel 26990)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1694.26	-33.87	4.8	9.4	-29.27	V
2543.14	-38.51	5.9	10.6	-33.81	V
3392.84	-50.53	6.9	12.6	-44.83	V

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4241.38	-52.15	7.8	12.6	-47.35	H
5090.78	-52.89	6.8	12.7	-46.99	V
5939.46	-52.62	1.4	13.1	-40.92	V

Test Data (10MHz Bandwidth 16QAM Mode channel 26740)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1632.53	-34.51	4.7	9.4	-29.81	V
2445.17	-39.07	5.9	10.6	-34.37	V
3259.47	-50.01	6.7	12.6	-44.11	H
4075.95	-52.78	7.6	12.6	-47.78	V
4888.60	-53.59	7.9	12.7	-48.79	H
5701.23	-51.17	1.7	13.1	-39.77	V

Test Data (10MHz Bandwidth 16QAM Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.42	-33.78	4.7	9.4	-29.08	V
2495.61	-38.64	5.9	10.6	-33.94	V
3325.49	-50.40	6.8	12.6	-44.60	H
4157.73	-53.33	7.6	12.6	-48.33	H
4990.69	-54.79	7.5	12.7	-49.59	V
5820.58	-53.39	1.4	13.1	-41.69	V

Test Data (10MHz Bandwidth 16QAM Mode channel 26990)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1694.56	-33.67	4.8	9.4	-29.07	V
2543.49	-39.64	5.9	10.6	-34.94	V
3392.63	-52.35	6.9	12.6	-46.65	V

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4241.48	-52.38	7.8	12.6	-47.58	V
5090.23	-54.30	6.8	12.7	-48.40	V
5939.47	-54.42	1.4	13.1	-42.72	V

Test Data (15MHz Bandwidth QPSK Mode channel 26765)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1634.28	-34.22	4.7	9.4	-29.52	V
2449.54	-38.74	5.9	10.6	-34.04	V
3263.58	-53.79	6.7	12.6	-47.89	V
4077.34	-50.06	7.6	12.6	-45.06	V
4891.39	-52.37	7.9	12.7	-47.57	V
5704.81	-51.33	1.7	13.1	-39.93	H

Test Data (15MHz Bandwidth QPSK Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.45	-34.91	4.7	9.4	-30.21	V
2494.72	-39.13	5.9	10.6	-34.43	V
3326.34	-50.54	6.8	12.6	-44.74	V
4157.84	-52.57	7.6	12.6	-47.57	H
4989.26	-52.35	7.5	12.7	-47.15	V
5820.53	-50.01	1.4	13.1	-38.31	V

Test Data (15MHz Bandwidth QPSK Mode channel 26965)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1692.41	-33.54	4.8	9.4	-28.94	V
2541.74	-38.81	5.9	10.6	-34.11	V
3390.36	-50.25	6.9	12.6	-44.55	H

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4239.51	-53.69	7.8	12.6	-48.89	V
5088.36	-52.23	6.8	12.7	-46.33	V
5937.73	-54.57	1.4	13.1	-42.87	V

Test Data (15MHz Bandwidth 16QAM Mode channel 26765)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1634.45	-33.86	4.7	9.4	-29.16	V
2449.16	-38.39	5.9	10.6	-33.69	V
3263.74	-52.44	6.7	12.6	-46.54	H
4077.58	-53.76	7.6	12.6	-48.76	V
4891.48	-53.25	7.9	12.7	-48.45	H
5704.64	-51.49	1.7	13.1	-40.09	V

Test Data (15MHz Bandwidth 16QAM Mode channel 26856)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1663.27	-34.52	4.7	9.4	-29.82	V
2495.57	-39.25	5.9	10.6	-34.55	V
3325.22	-54.57	6.8	12.6	-48.77	H
4157.21	-51.36	7.6	12.6	-46.36	H
4990.69	-52.37	7.5	12.7	-47.17	V
5820.40	-51.09	1.4	13.1	-39.39	V

Test Data (15MHz Bandwidth 16QAM Mode channel 26965)

Frequency [MHz]	Generator output power(P_g) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (P_d) [dBm]	Antenna Polarization [H/V]
1692.47	-33.62	4.8	9.4	-29.02	V
2541.54	-38.73	5.9	10.6	-34.03	V
3390.74	-52.37	6.9	12.6	-46.67	V

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4239.3	-51.11	7.8	12.6	-46.31	H
5088.89	-50.80	6.8	12.7	-44.90	V
5937.68	-50.77	1.4	13.1	-39.07	V

5.5 Band Edge

Specifications:	FCC Part 2.1051, 24.238, 2.1053, 22.917, 27.53
DUT Serial Number:	S1: D20618181ACDFF4
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit Level Construction:

According to Part 22.917 (a), i.e., Out of Band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to Part 24.238 (a), i.e., Out of Band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB, so the limit level is: $P(\text{dBm}) - (43 + 10 \log(P)) \text{ dB} = -13\text{dBm}$.

According to Part 27.53(h):

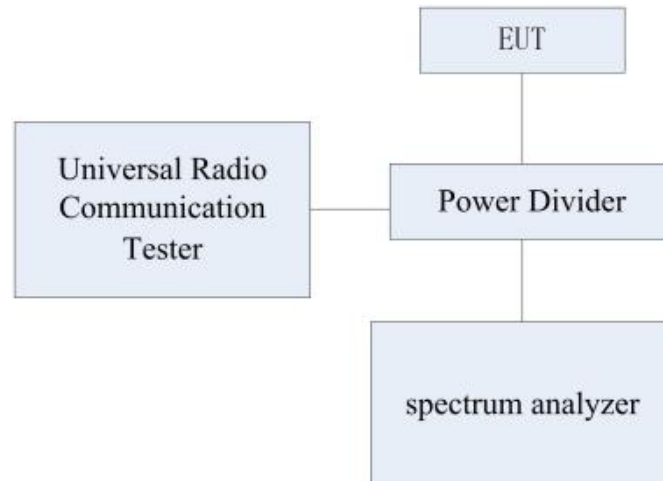
Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 Bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

According to Part 27.53(g):

For operations in the 600 MHz Band and the 698-746 MHz Band, the power of any emission outside a licensee's frequency Band(s) of operation shall be attenuated below the transmitter power (P) within the licensed Band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution Bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz Bands immediately outside and adjacent to a licensee's frequency block, a resolution Bandwidth of at least 30 kHz may be employed.

Test Setup:

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.

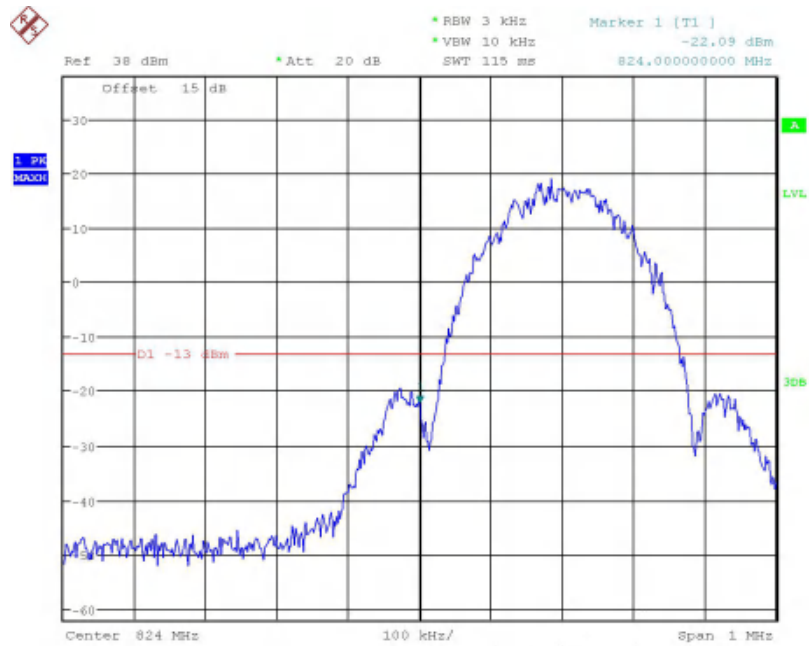


Test Method:

- 1) The EUT was coupled to the EMI test receiver analyzer mode and the base station simulator through a power divider. The loss of the cables the test system is calibrated to correct the readings.
- 2) The spectrum analyzer was set to Average Detector function and Maximum hold mode.
- 3) The resolution bandwidth of the spectrum analyzer is slightly greater than 1% of the transmission bandwidth of 26dB or greater than or equal to 30kHz.

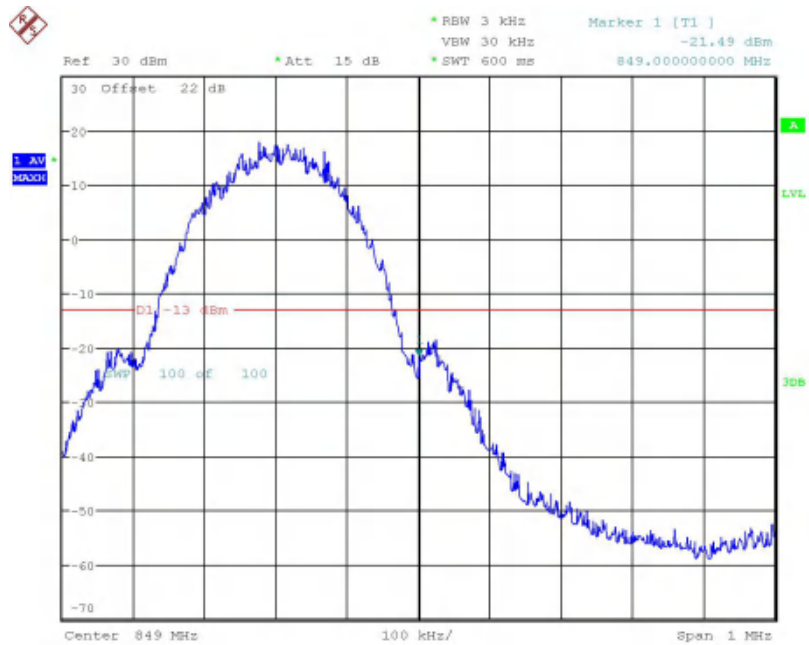
Note: In the graphical result description (X, Y), X represents the number of RB, Y represents the RB offset.

5.5.1 GSM850 Band Edge Results



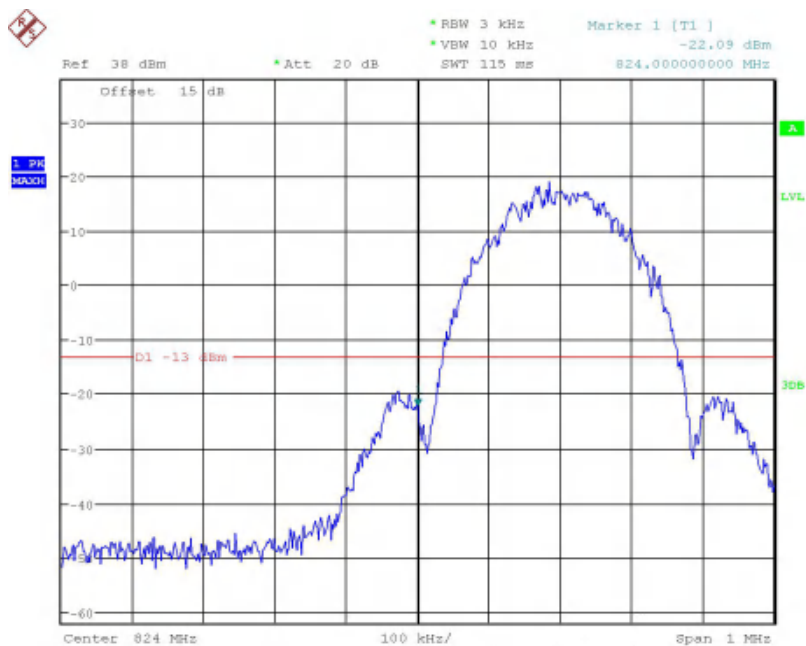
Date: 3.AUG.2018 11:28:13

GSMK-Cellular low channel-below 824 MHz



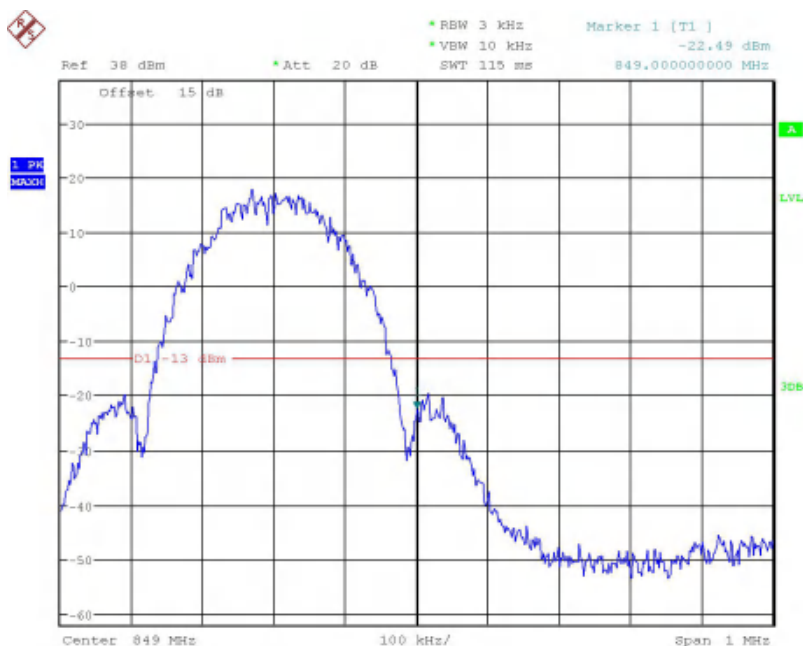
Date: 9.AUG.2018 10:15:26

GMSK-Cellular high channel-above 849 MHz



Date: 3.AUG.2018 11:28:13

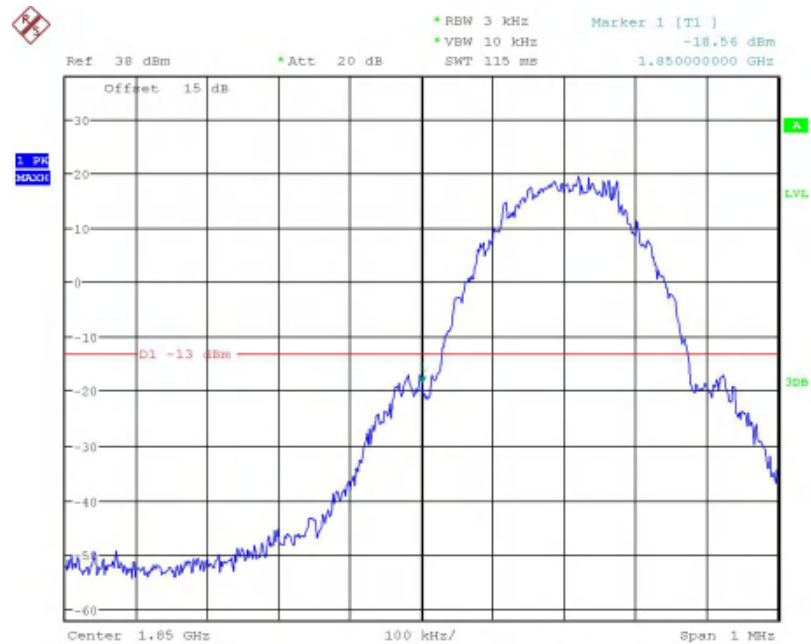
8PSK-Cellular low channel-below 824 MHz



Date: 3.AUG.2018 11:28:54

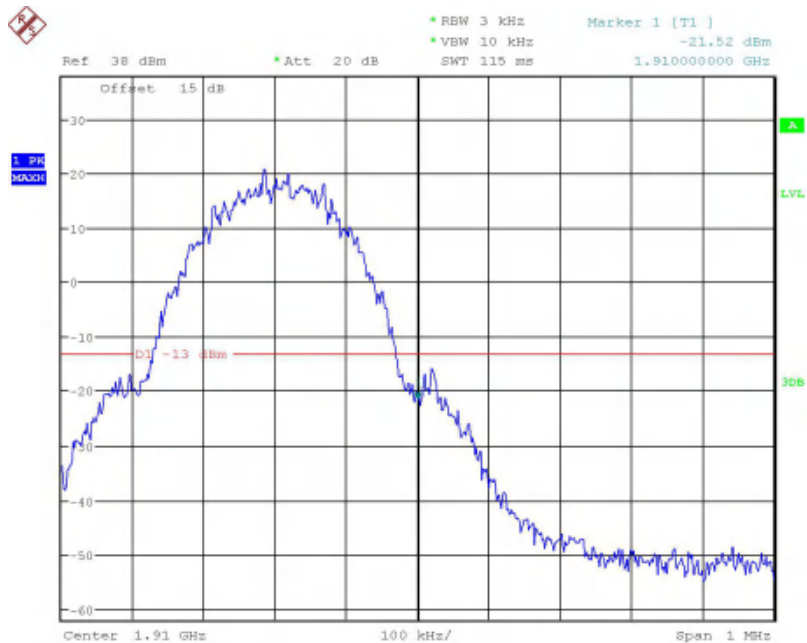
8PSK-Cellular high channel-above 849 MHz

5.5.2 PCS1900 Band Edge Results



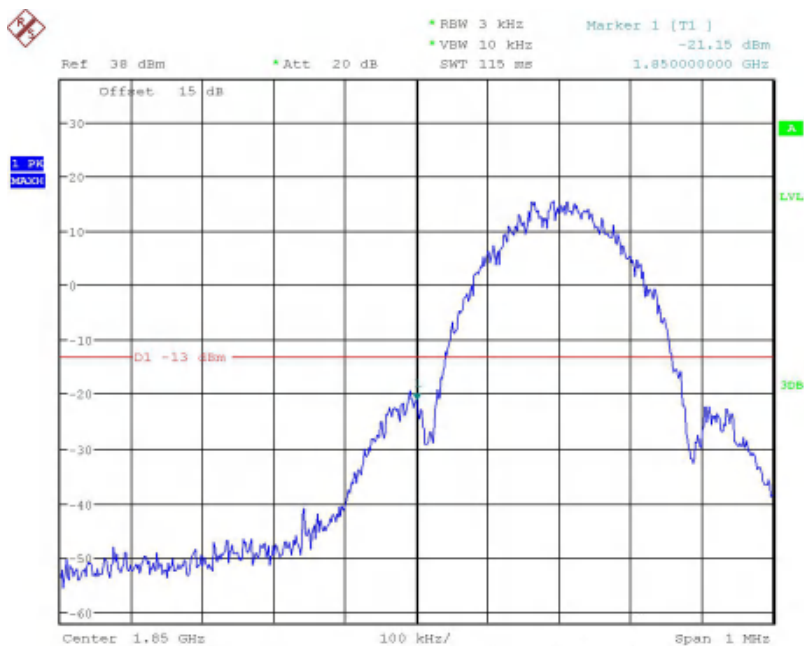
Date: 9.AUG.2018 11:17:50

GMSK-PCS low channel-below 1850 MHz



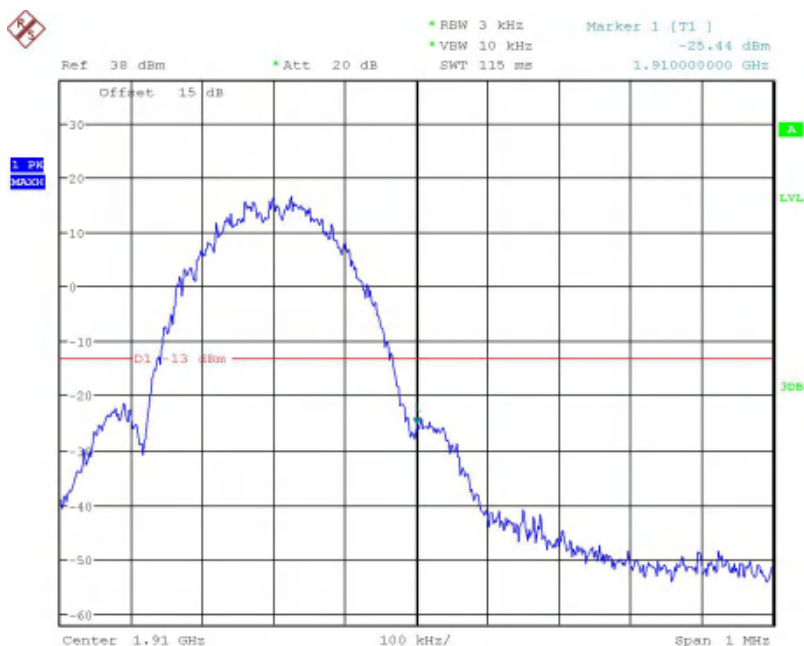
Date: 3.AUG.2018 11:18:37

GMSK-PCS high channel-above 1910 MHz



Date: 3.AUG.2018 11:12:18

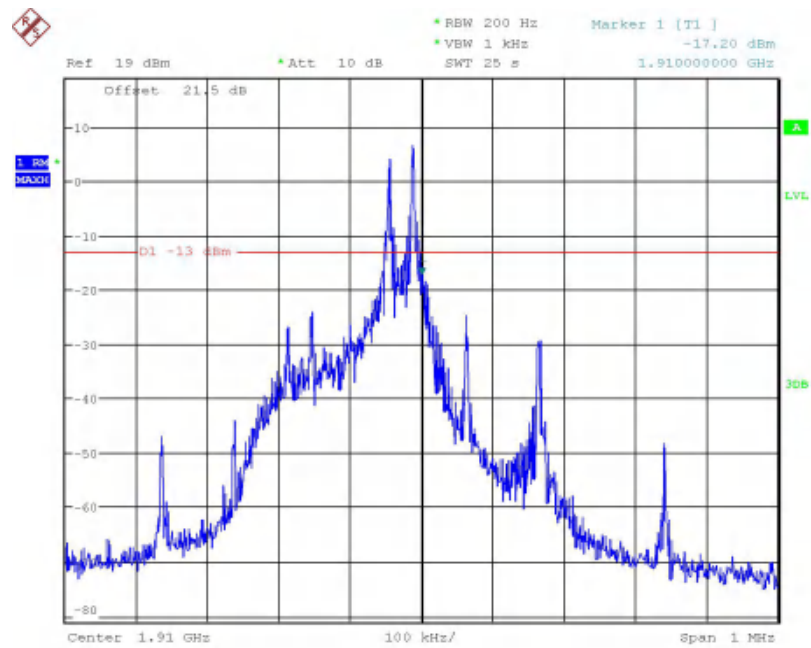
8PSK-PCS low channel-below 1850 MHz



Date: 3.AUG.2018 11:13:50

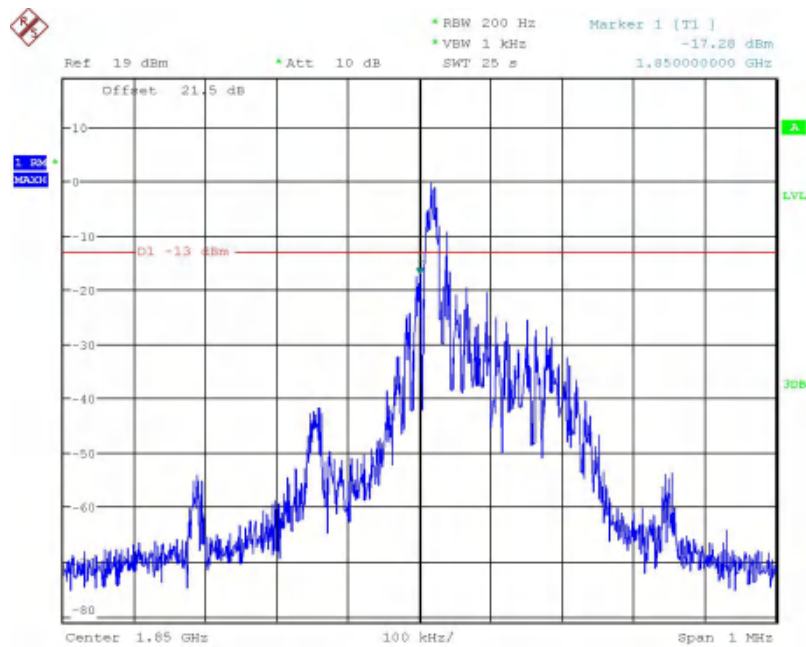
8PSK-PCS high channel-above 1910 MHz

5.5.3 NB-IoT Band2 Edge Results



Date: 5.AUG.2018 23:10:58

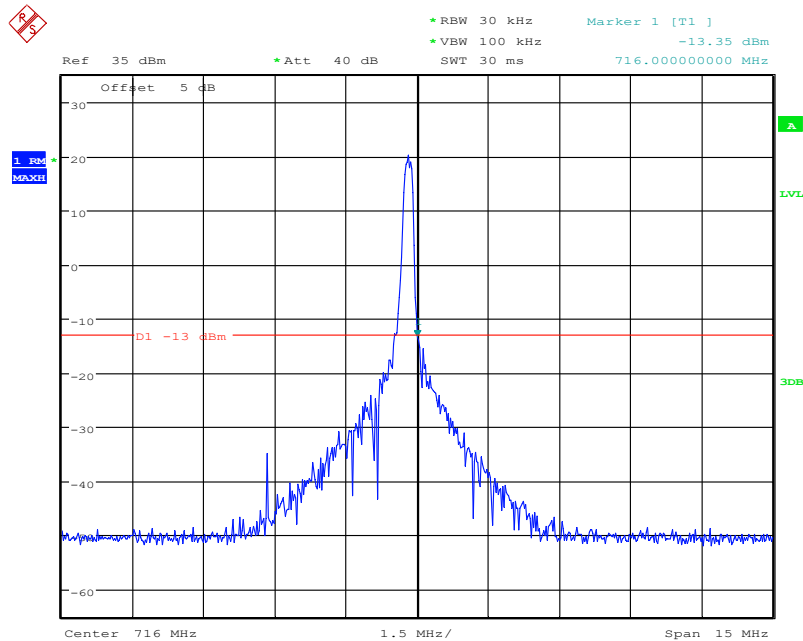
Band2-High Channel



Date: 5.AUG.2018 23:06:14

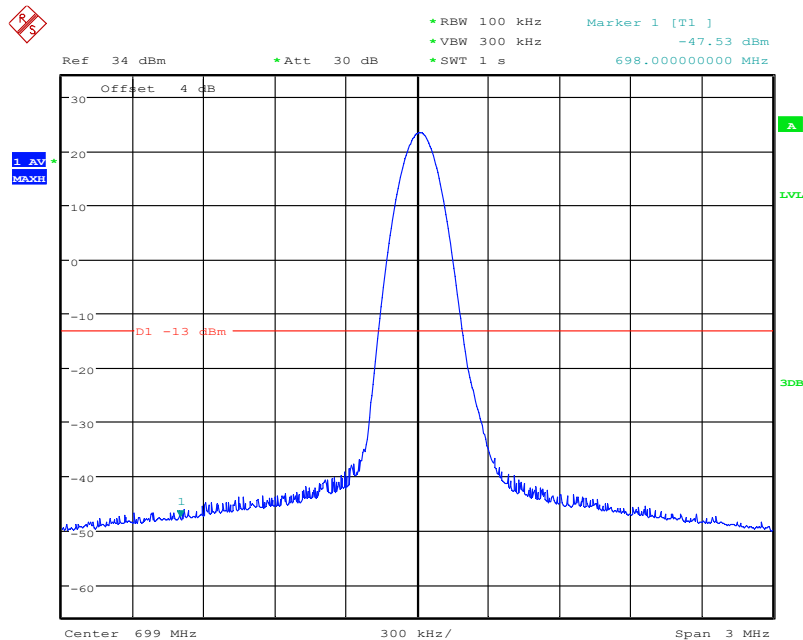
Band2-Low Channel

5.5.4 NB-IoT Band12 Edge Results



Date: 22.NOV.2019 05:20:18

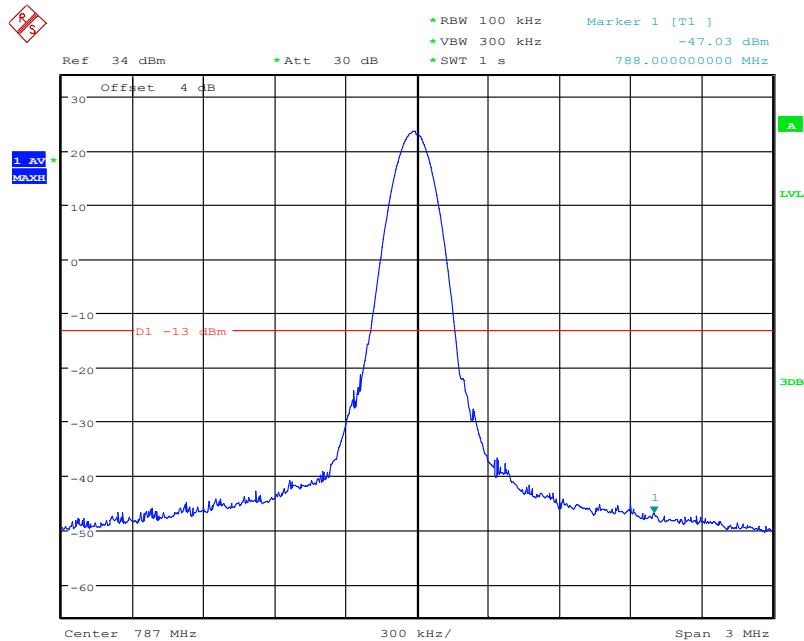
Band12-High Channel



Date: 22.OCT.2019 10:04:19

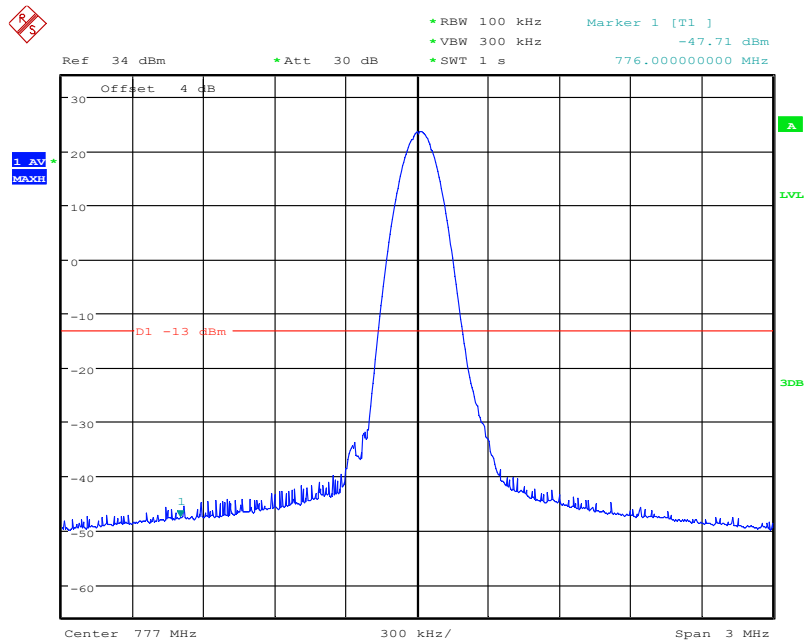
Band12-Low Channel

5.5.5 NB-IoT Band13 Edge Results



Date: 22.OCT.2019 10:28:49

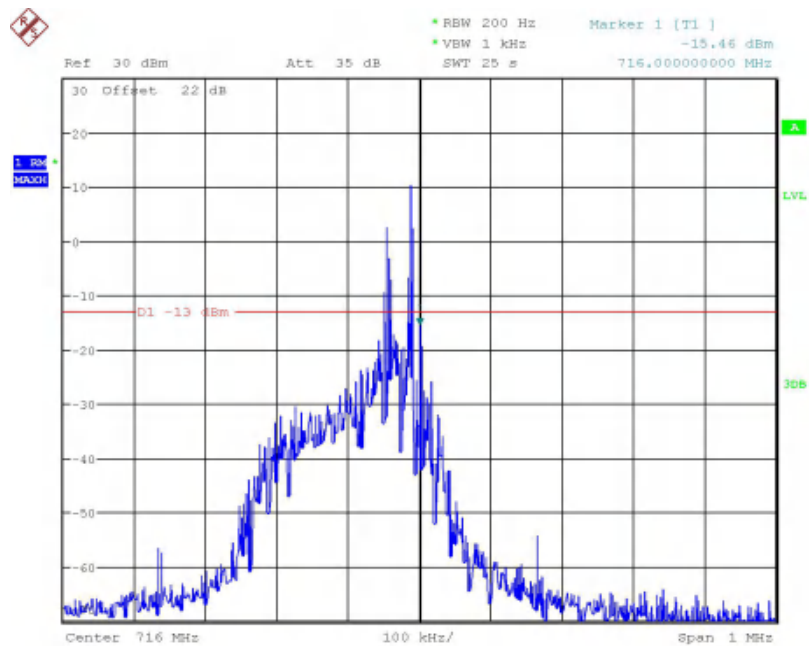
Band13-High Channel



Date: 22.OCT.2019 10:22:02

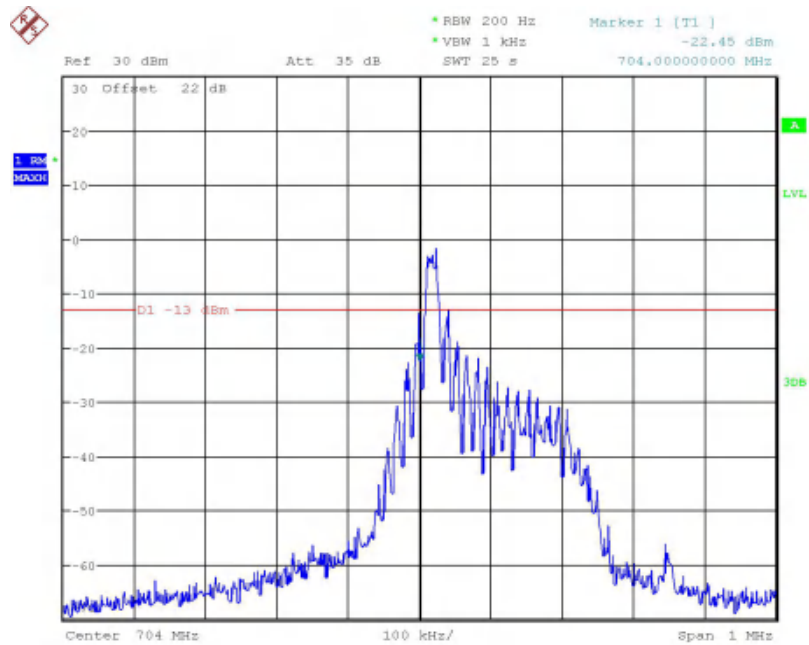
Band13-Low Channel

5.5.6 NB-IoT Band17 Edge Results



Date: 5.AUG.2018 21:48:20

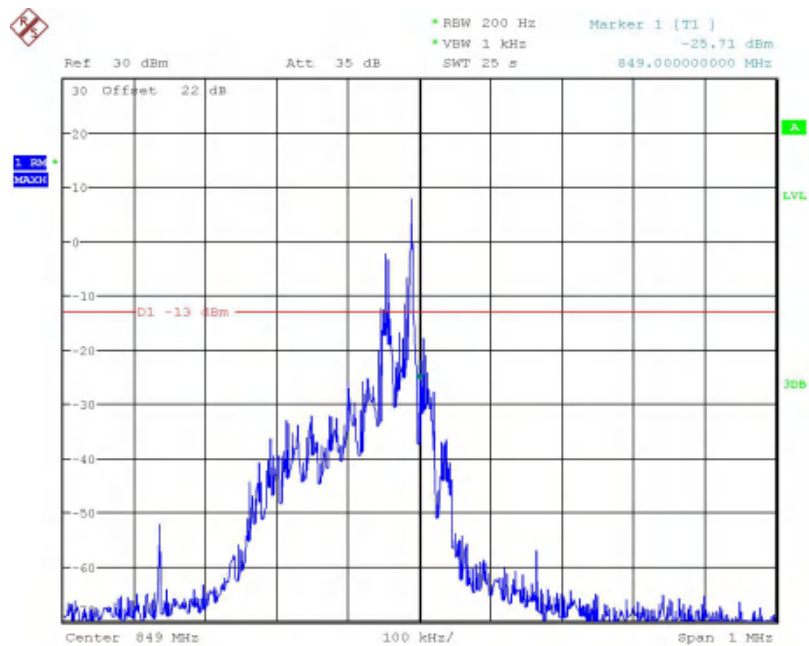
Band17-High Channel



Date: 5.AUG.2018 21:29:10

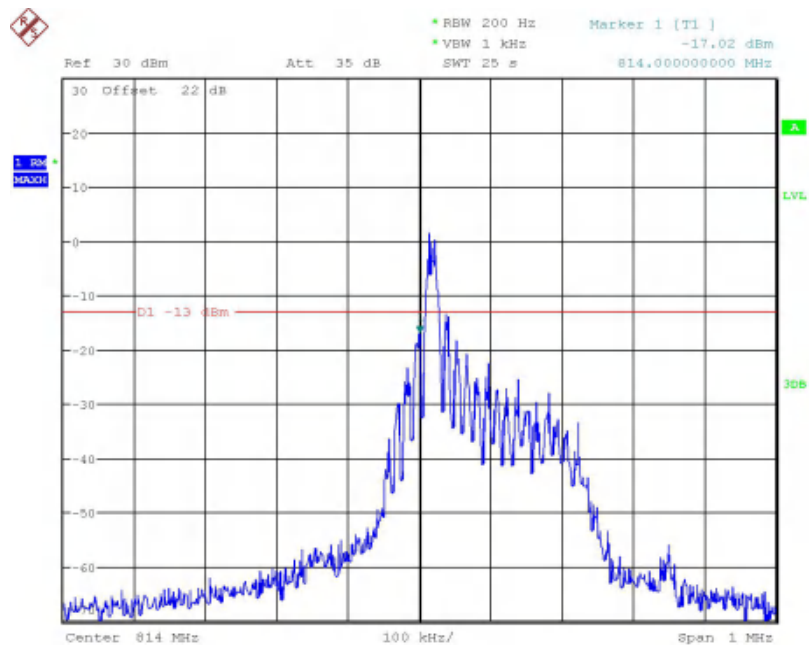
Band17-Low Channel

5.5.7 NB-IoT Band26 Edge Results



Date: 5.AUG.2018 21:44:00

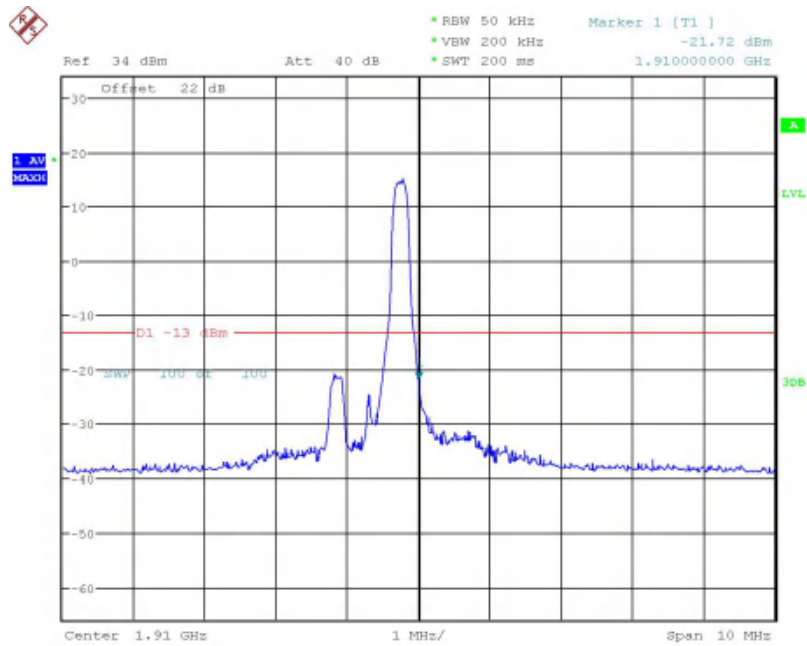
Band26-High Channel



Date: 5.AUG.2018 21:36:50

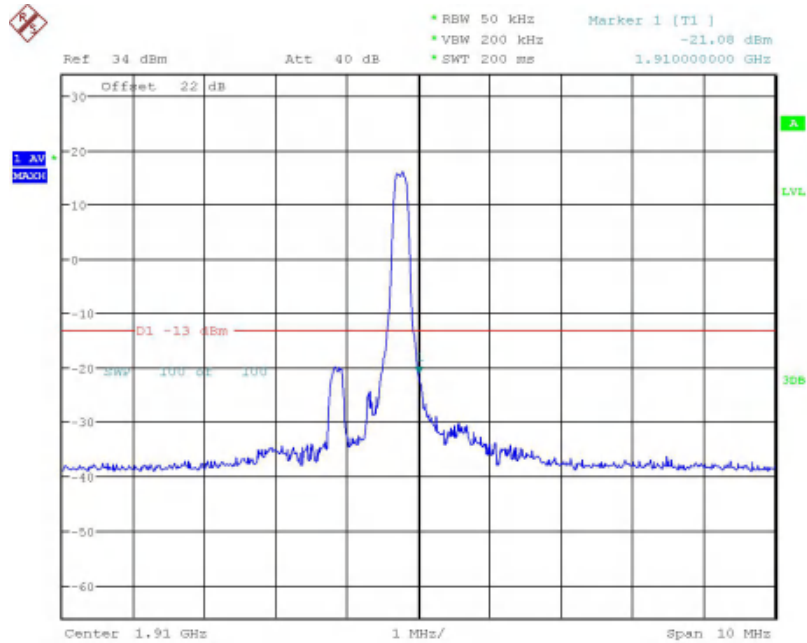
Band26-Low Channel

5.5.8 CAT-M Band2 Edge Results



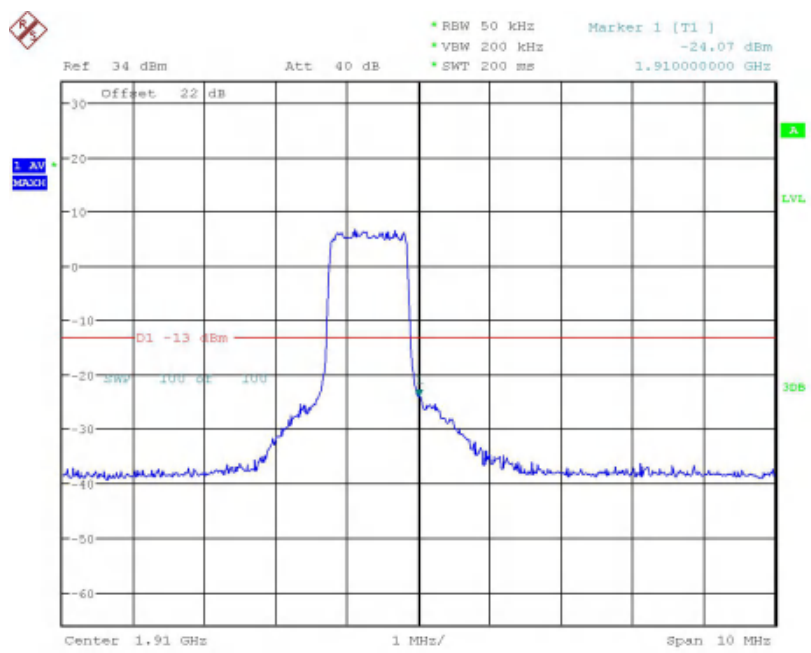
Date: 8.AUG.2018 14:38:25

Band2-High Channel-1.4MHz Bandwidth-1RB-16QAM



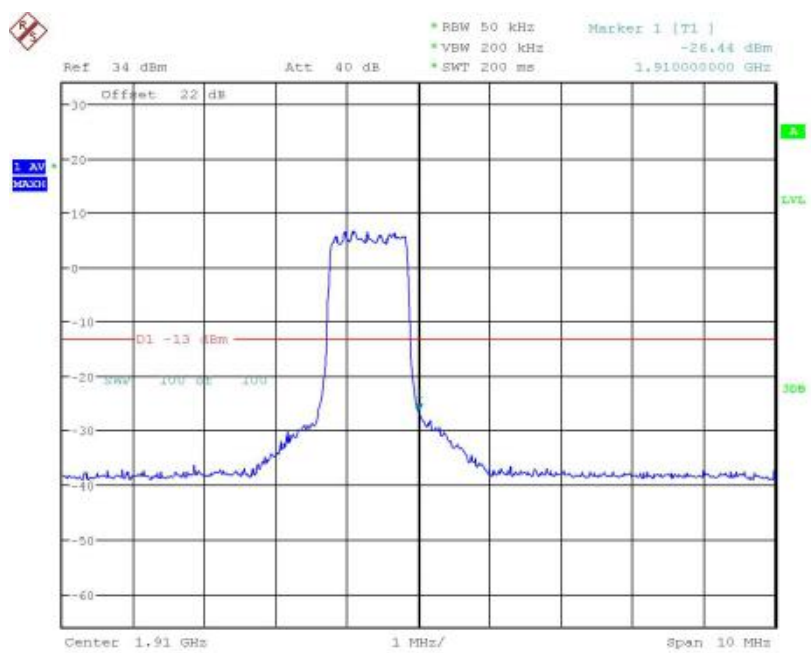
Date: 8.AUG.2018 14:37:41

Band2-High Channel-1.4MHz Bandwidth-1RB-QPSK



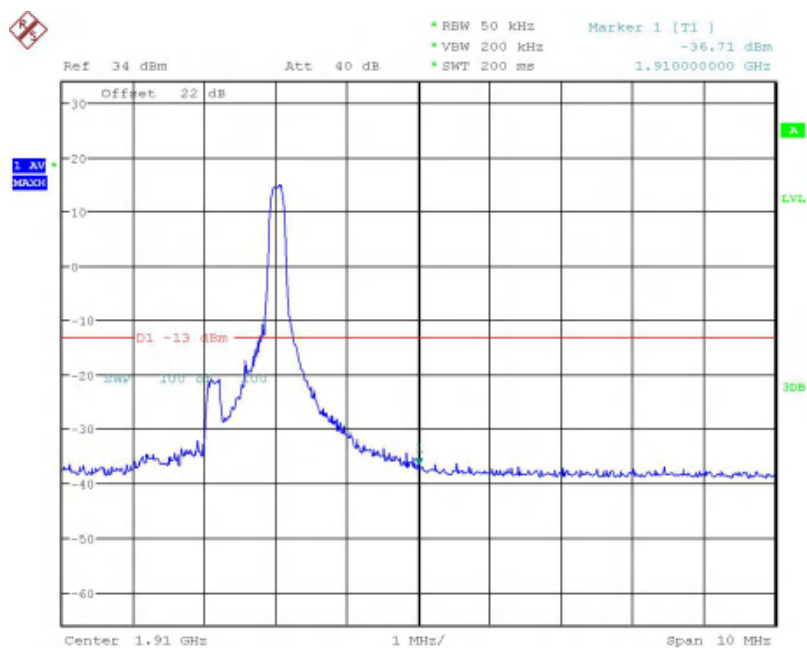
Date: 8.AUG.2018 14:38:54

Band2-High Channel-1.4MHz Bandwidth-6RB-16QAM



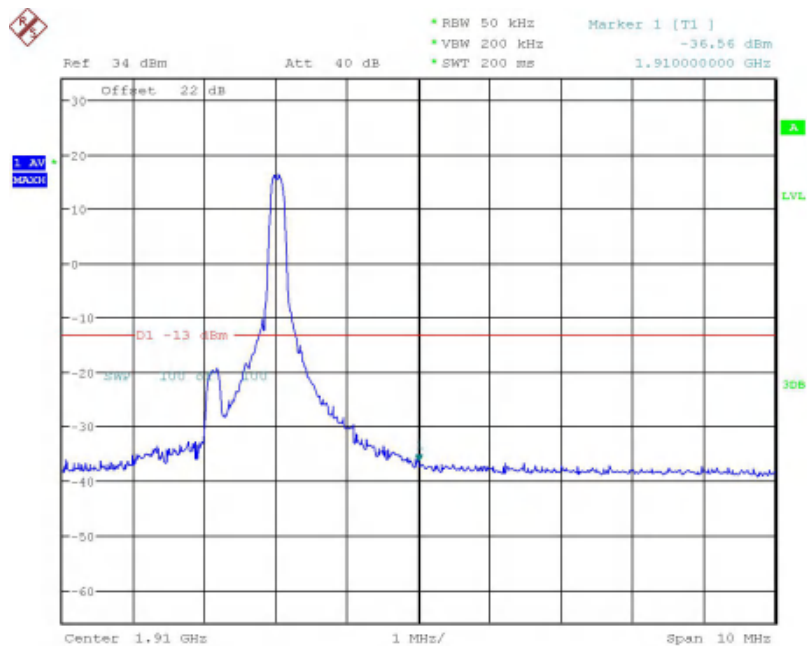
Date: 8.AUG.2018 14:37:08

Band2-High Channel-1.4MHz Bandwidth-6RB-QPSK



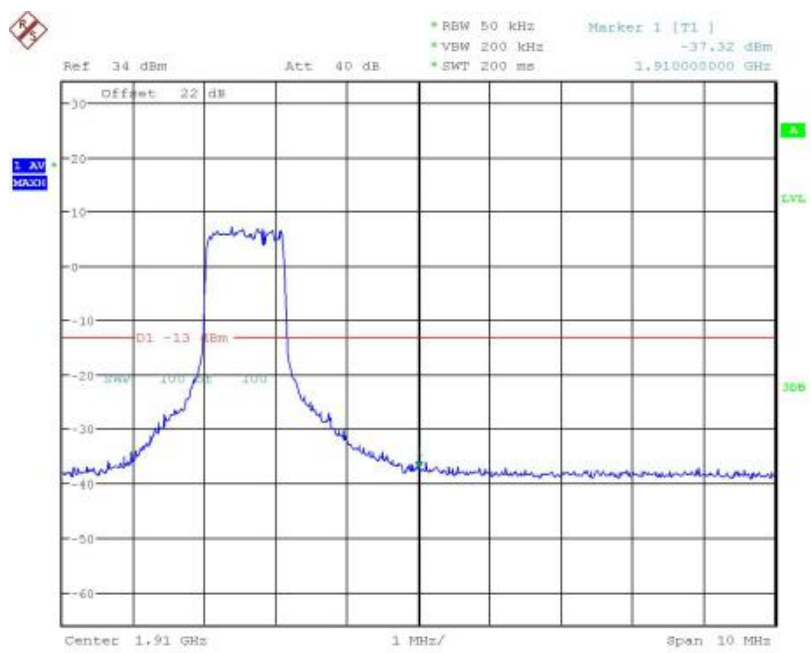
Date: 8.AUG.2018 14:33:49

Band2-High Channel-3MHz Bandwidth-1RB-16QAM



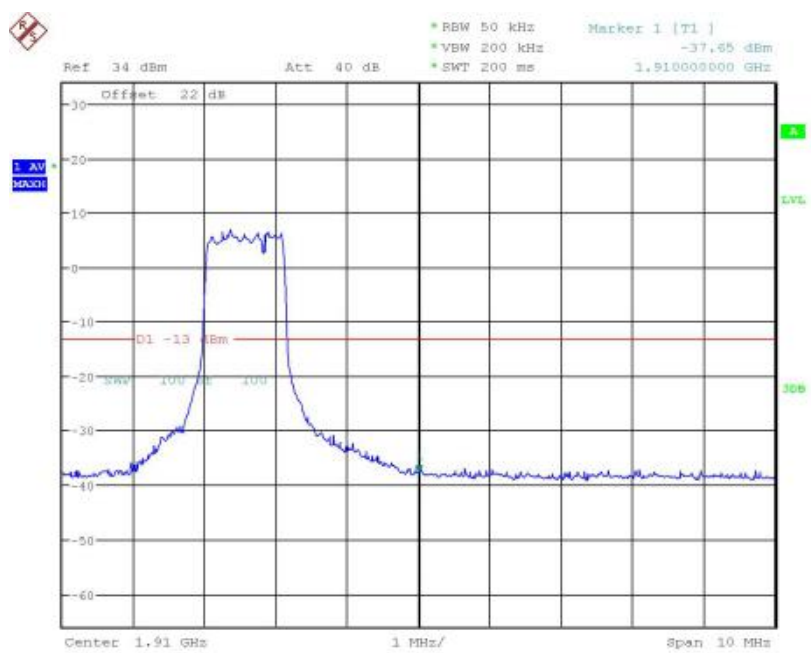
Date: 8.AUG.2018 14:34:22

Band2-High Channel-3MHz Bandwidth-1RB-QPSK



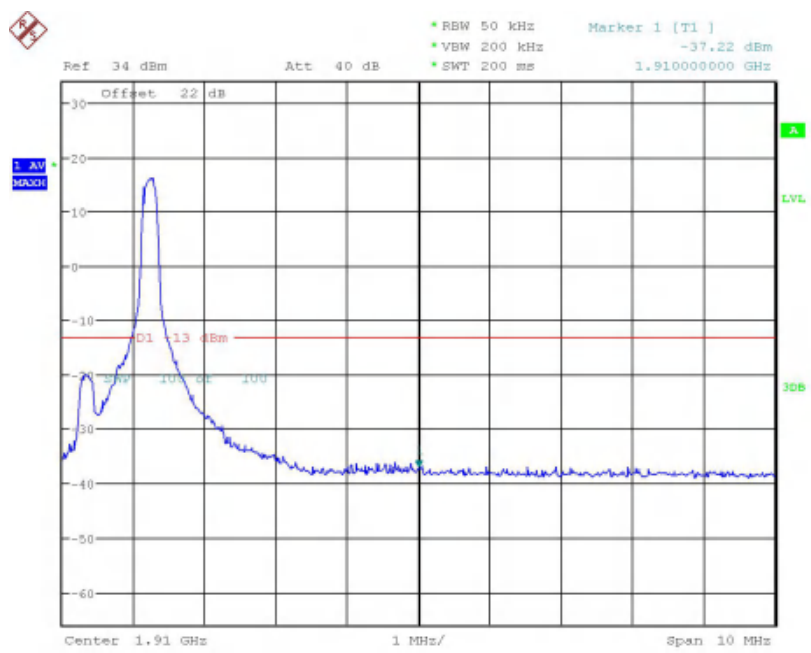
Date: 8.AUG.2018 14:33:16

Band2-High Channel-3MHz Bandwidth-6RB-16QAM



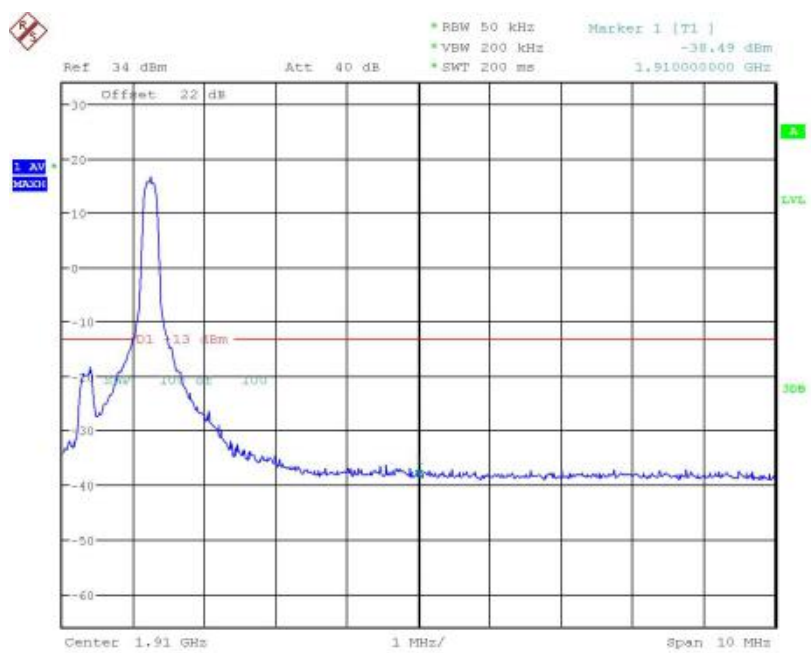
Date: 8.AUG.2018 14:34:53

Band2-High Channel-3MHz Bandwidth-6RB-QPSK



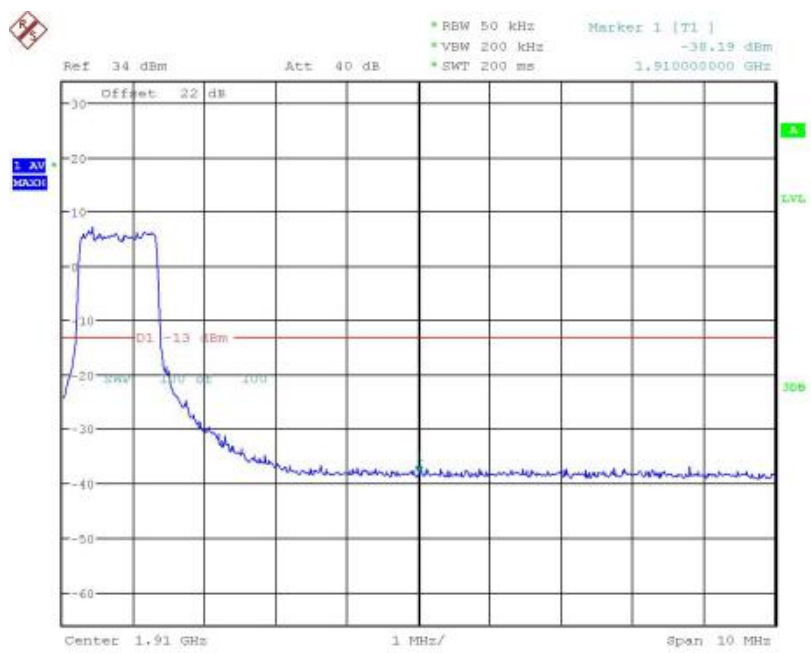
Date: 8.AUG.2018 14:31:38

Band2-High Channel-5MHz Bandwidth-1RB-16QAM



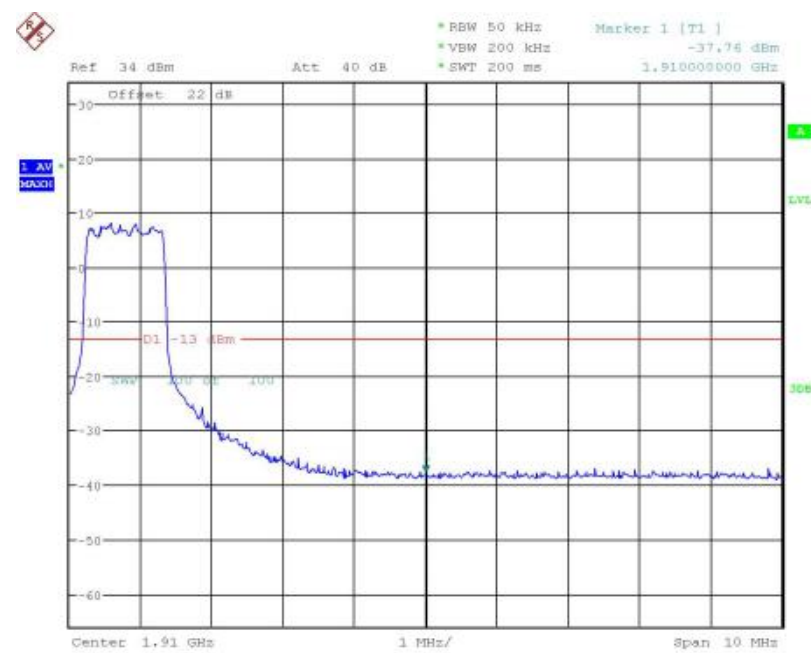
Date: 8.AUG.2018 14:30:56

Band2-High Channel-5MHz Bandwidth-1RB-QPSK



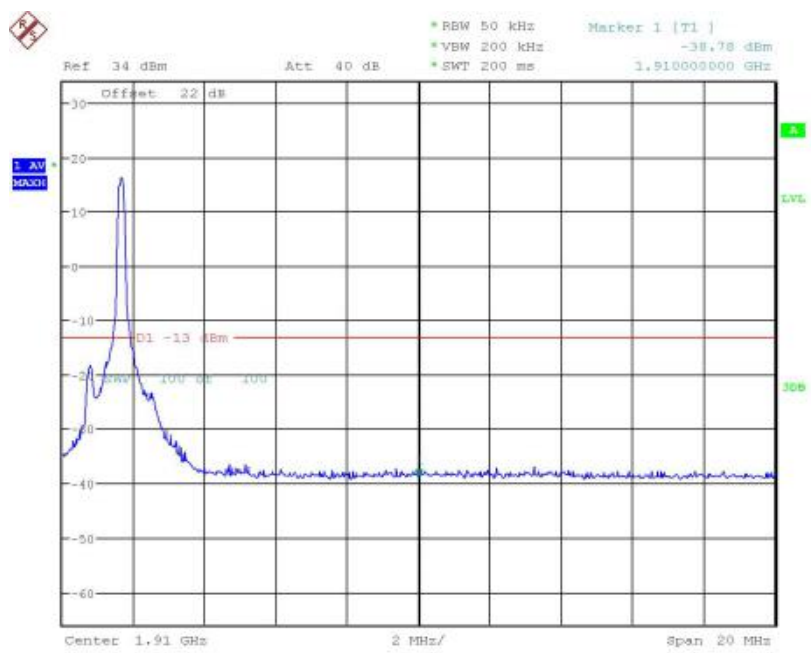
Date: 8.AUG.2018 14:32:09

Band2-High Channel-5MHz Bandwidth-6RB-16QAM



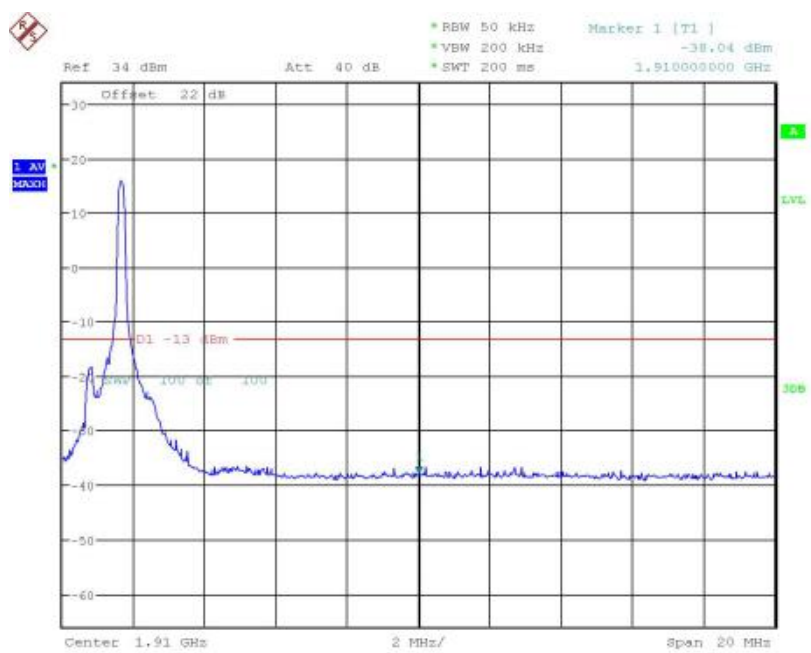
Date: 8.AUG.2018 14:30:22

Band2-High Channel-5MHz Bandwidth-6RB-QPSK



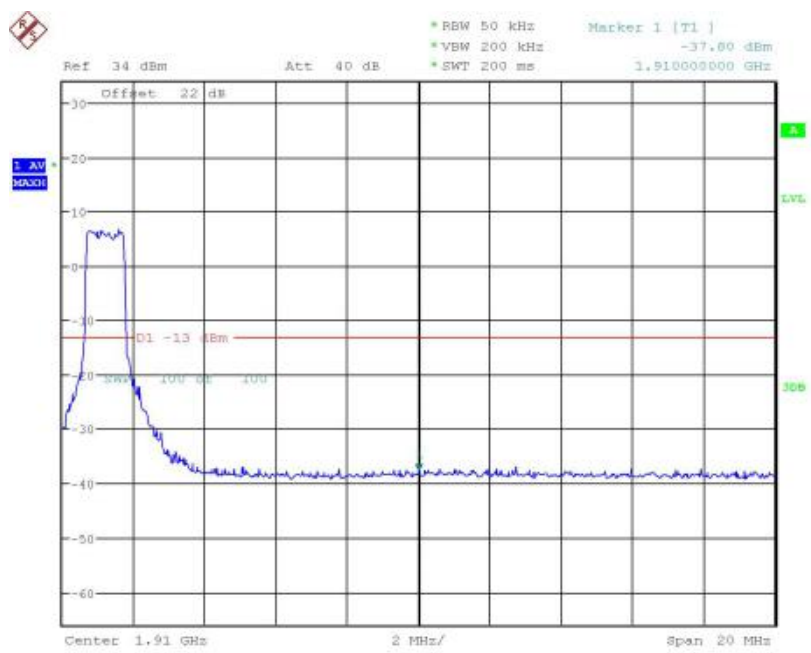
Date: 8.AUG.2018 14:27:04

Band2-High Channel-10MHz Bandwidth-1RB-16QAM



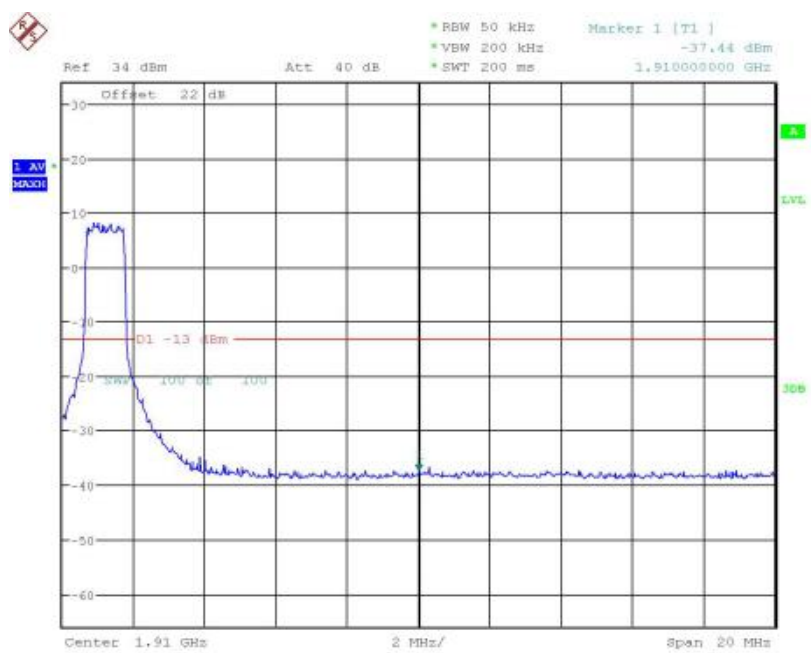
Date: 8.AUG.2018 14:27:53

Band2-High Channel-10MHz Bandwidth-1RB-QPSK



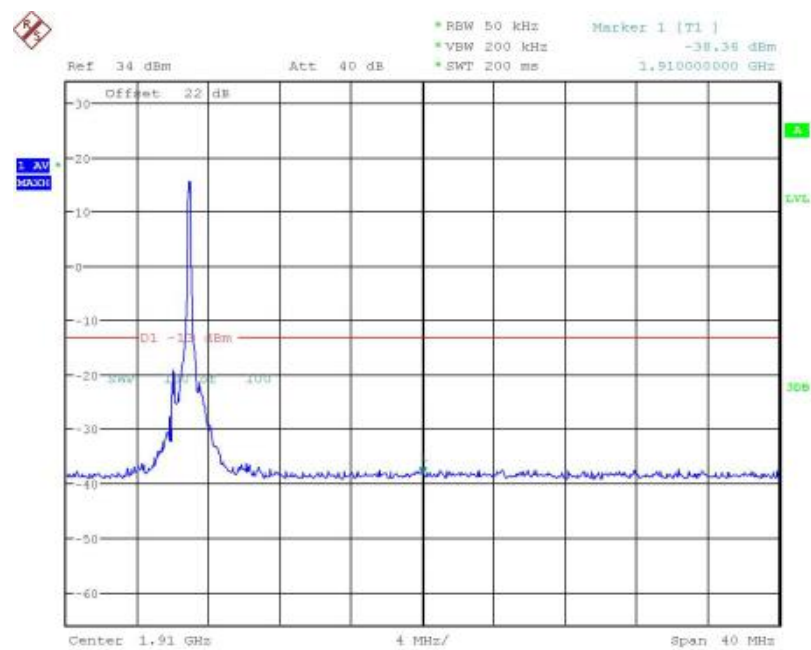
Date: 8.AUG.2018 14:26:31

Band2-High Channel-10MHz Bandwidth-6RB-16QAM



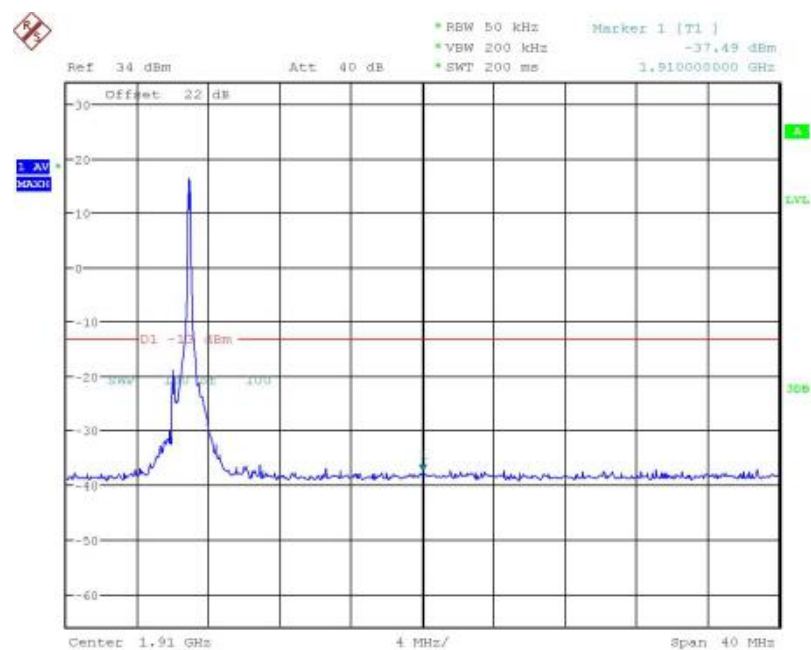
Date: 8.AUG.2018 14:29:00

Band2-High Channel-10MHz Bandwidth-6RB-QPSK



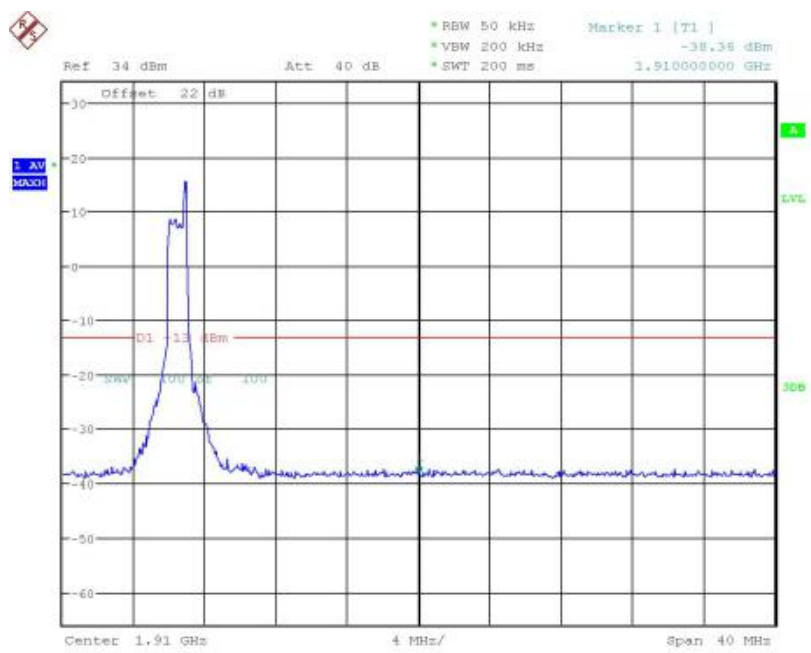
Date: 8.AUG.2018 14:23:58

Band2-High Channel-15MHz Bandwidth-1RB-16QAM



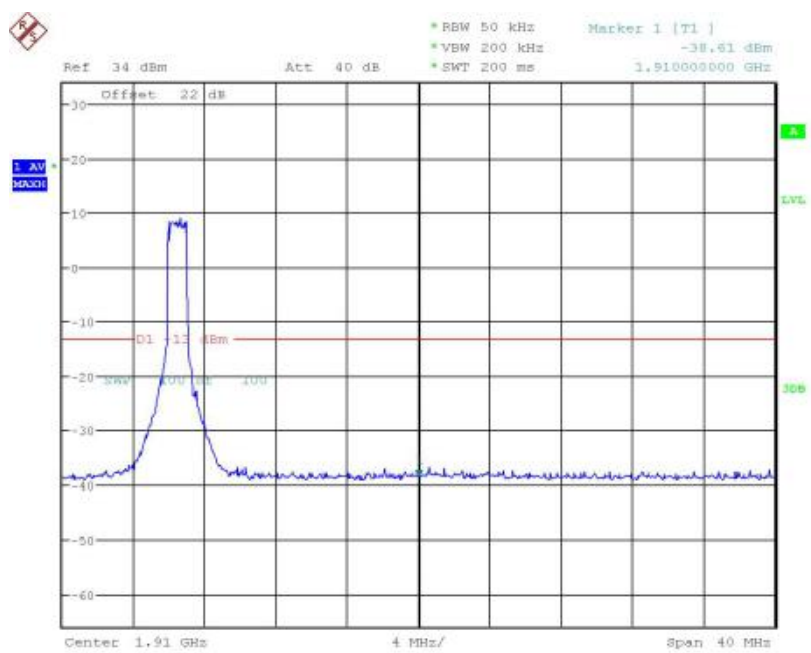
Date: 8.AUG.2018 14:23:23

Band2-High Channel-15MHz Bandwidth-1RB-QPSK



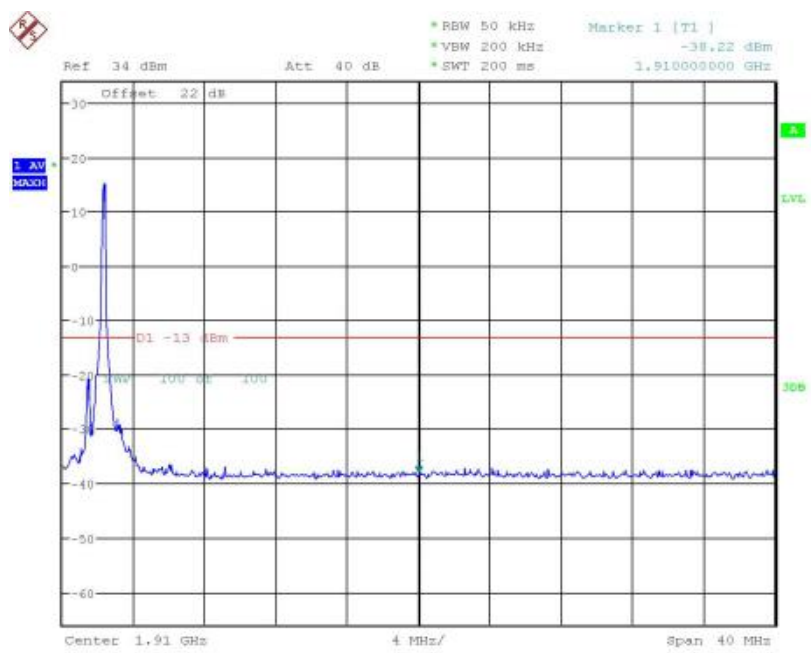
Date: 8.AUG.2018 14:24:21

Band2-High Channel-15MHz Bandwidth-6RB-16QAM



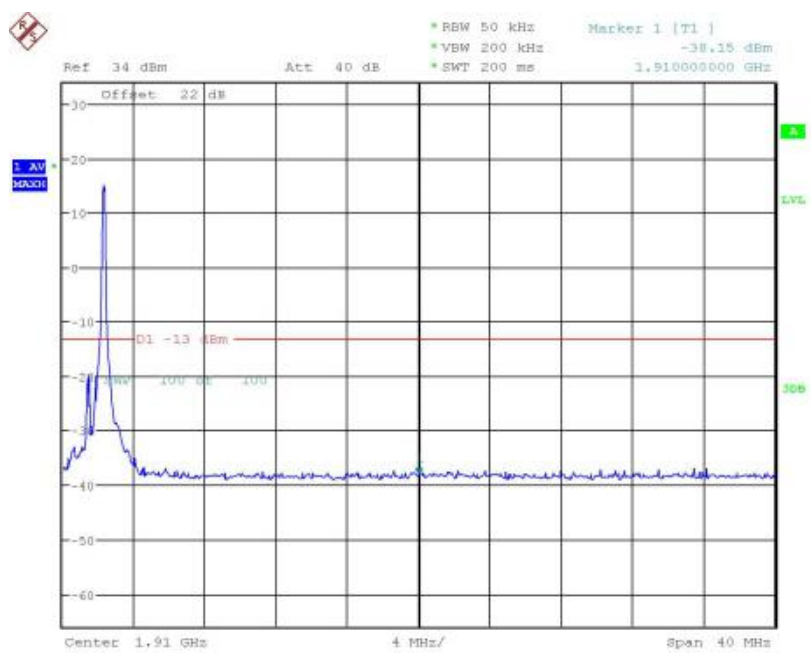
Date: 8.AUG.2018 14:22:45

Band2-High Channel-15MHz Bandwidth-6RB-QPSK



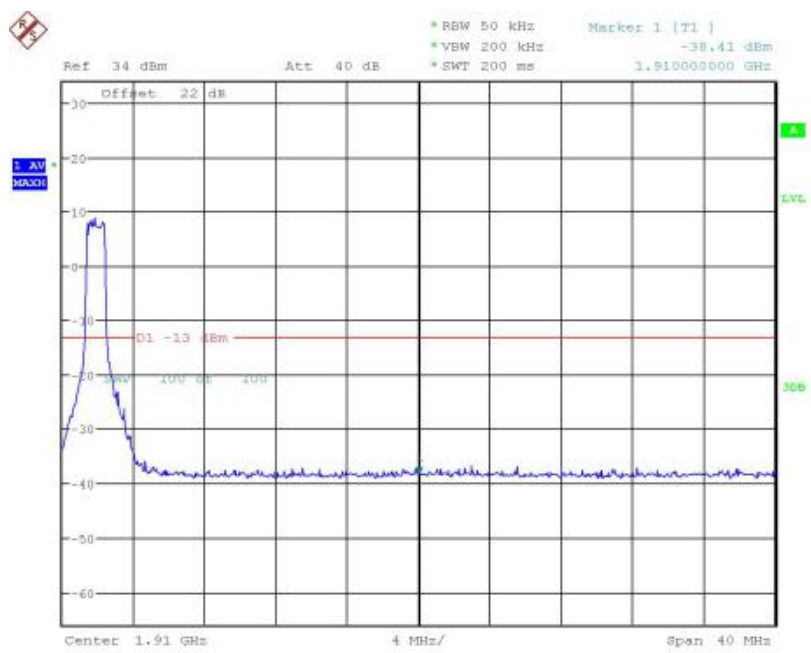
Date: 8.AUG.2018 14:19:20

Band2-High Channel-20MHz Bandwidth-1RB-16QAM



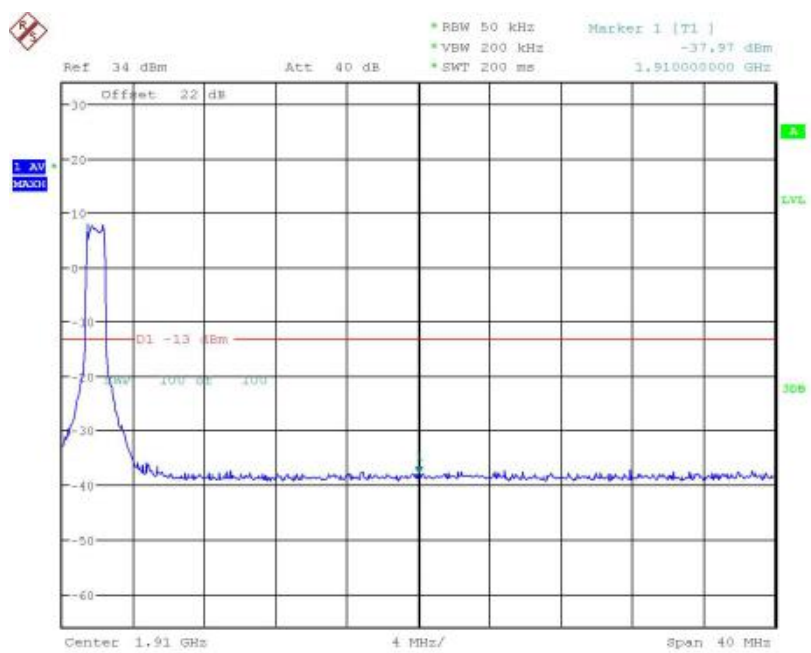
Date: 8.AUG.2018 14:20:12

Band2-High Channel-20MHz Bandwidth-1RB-QPSK



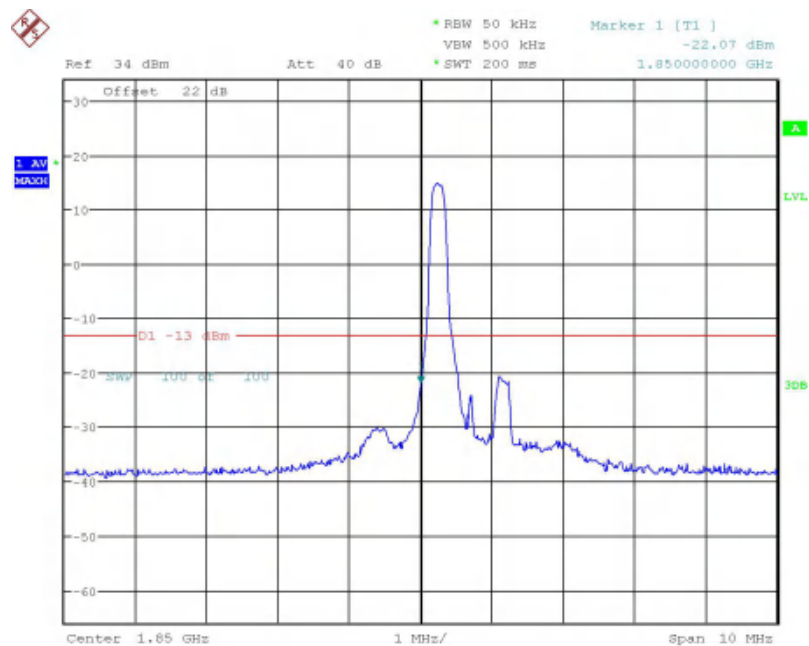
Date: 8.AUG.2018 14:18:31

Band2-High Channel-20MHz Bandwidth-6RB-16QAM



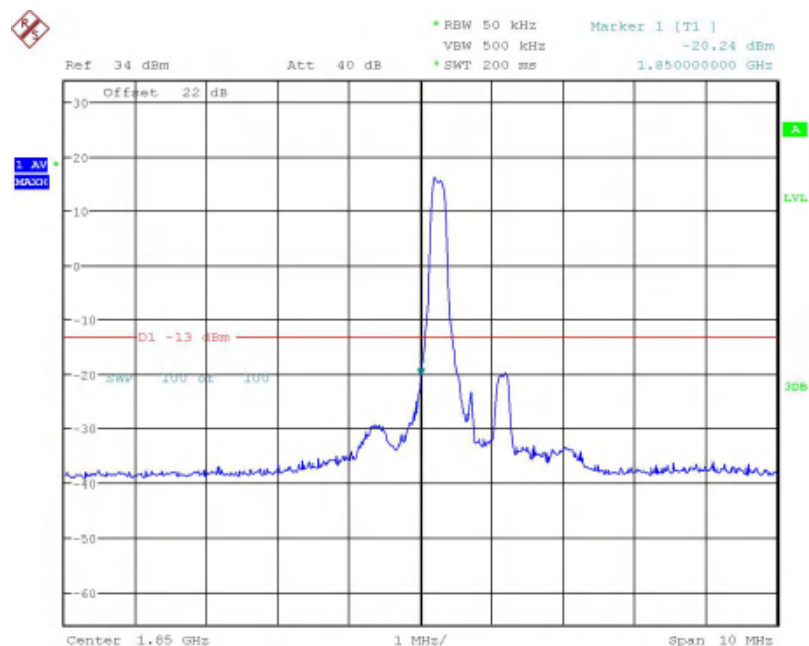
Date: 8.AUG.2018 14:20:46

Band2-High Channel-20MHz Bandwidth-6RB-QPSK



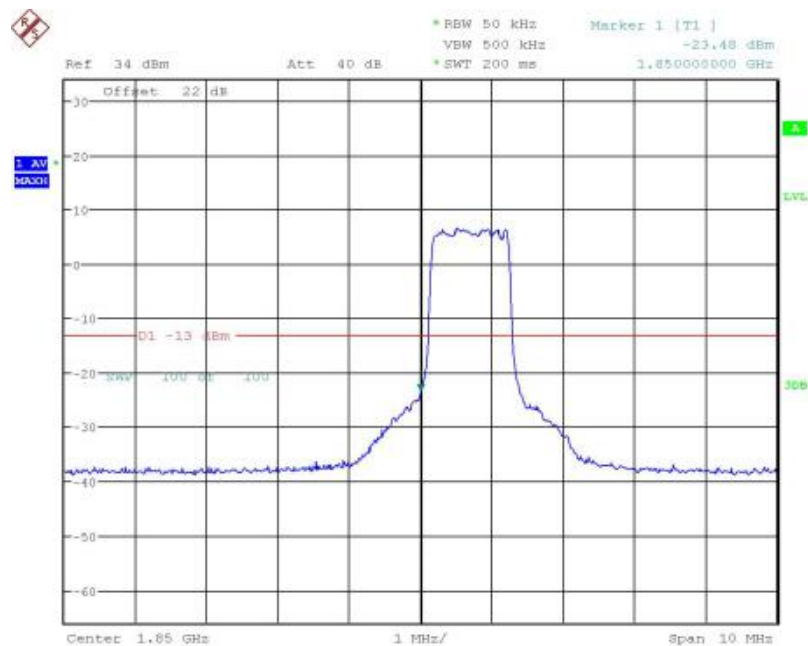
Date: 8.AUG.2018 13:54:54

Band2-Low Channel-1.4MHz Bandwidth-1RB-16QAM



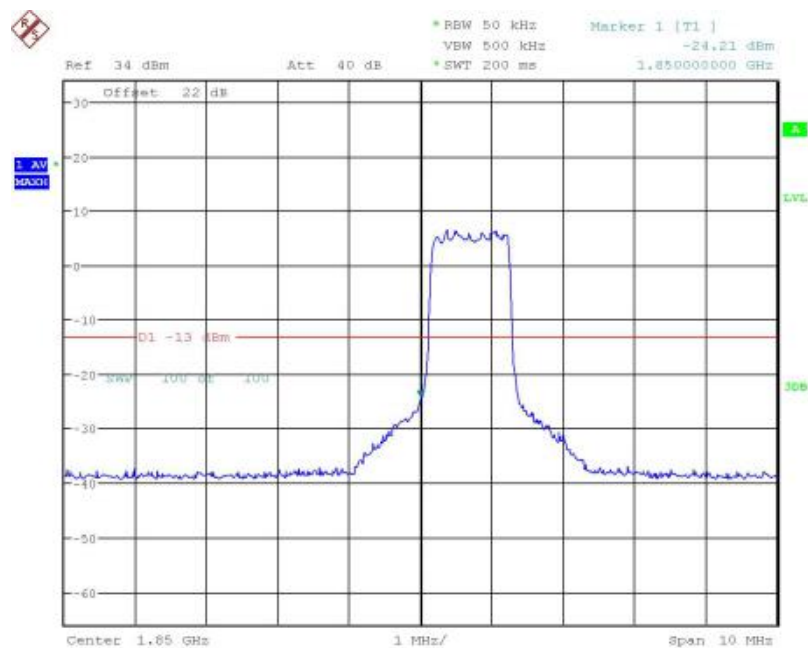
Date: 8.AUG.2018 13:56:00

Band2-Low Channel-1.4MHz Bandwidth-1RB-QPSK



Date: 8.AUG.2018 13:53:43

Band2-Low Channel-1.4MHz Bandwidth-6RB-16QAM



Date: 8.AUG.2018 13:56:35

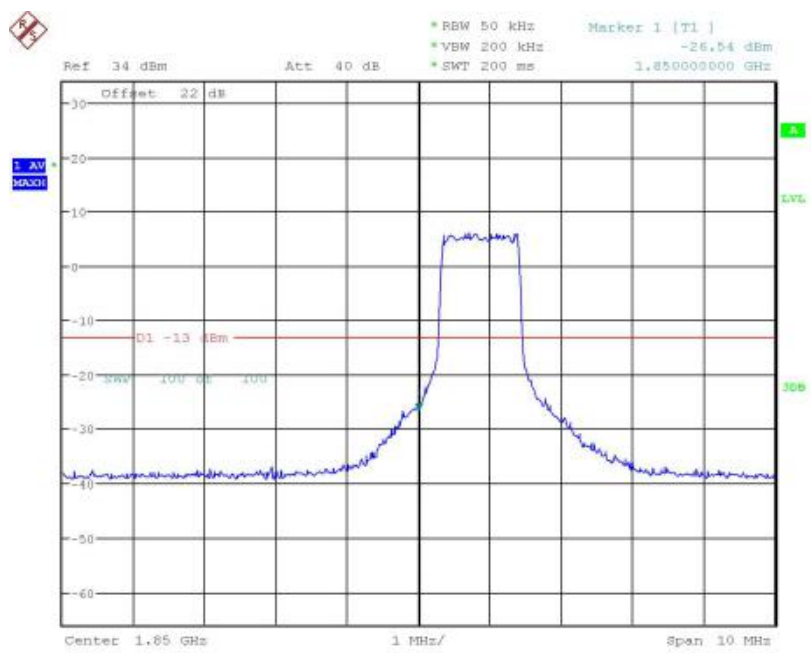
Band2-Low Channel-1.4MHz Bandwidth-6RB-QPSK

Date: 8.AUG.2018 14:01:00

Band2-Low Channel-3MHz Bandwidth-1RB-16QAM

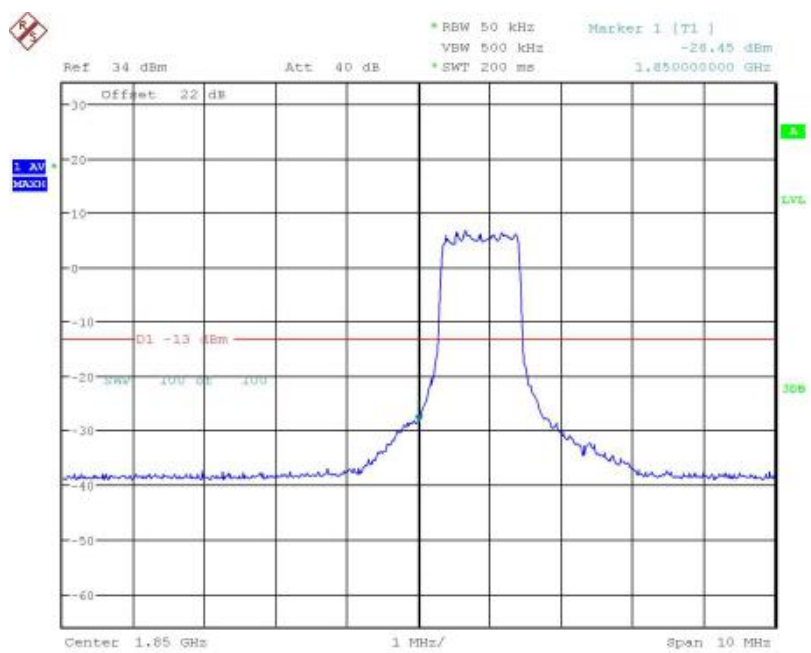
Date: 8.AUG.2018 14:00:17

Band2-Low Channel-3MHz Bandwidth-1RB-QPSK



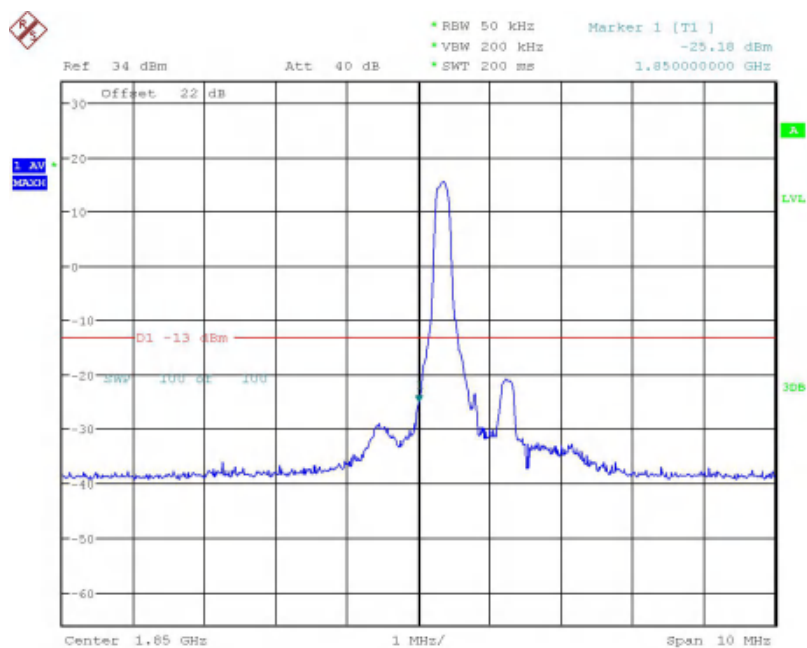
Date: 8.AUG.2018 14:01:35

Band2-Low Channel-3MHz Bandwidth-6RB-16QAM



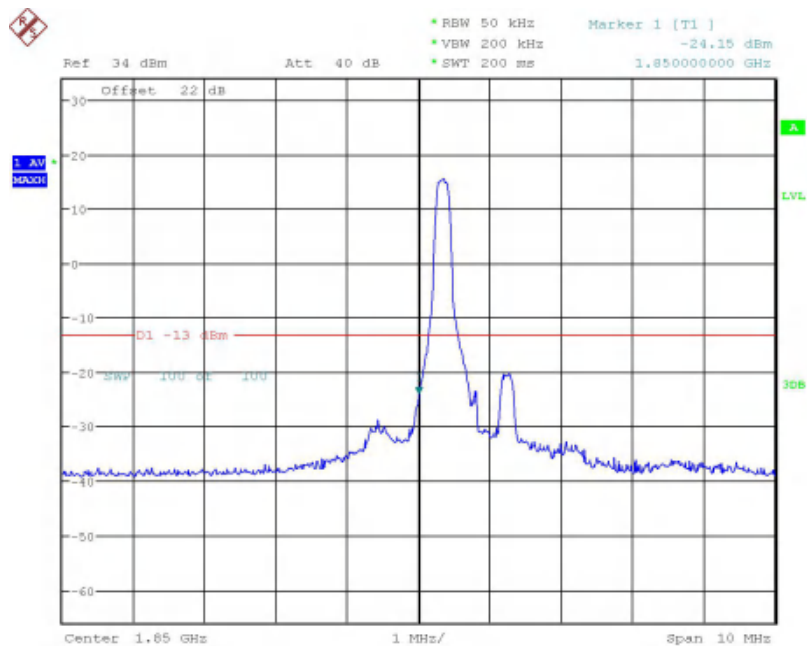
Date: 8.AUG.2018 13:59:38

Band2-Low Channel-3MHz Bandwidth-6RB-QPSK



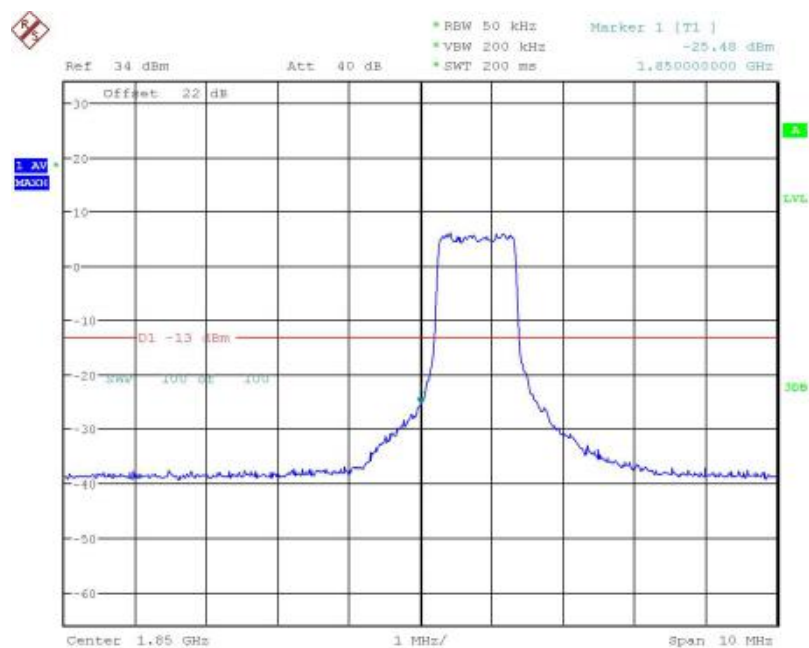
Date: 8.AUG.2018 14:03:47

Band2-Low Channel-5MHz Bandwidth-1RB-16QAM



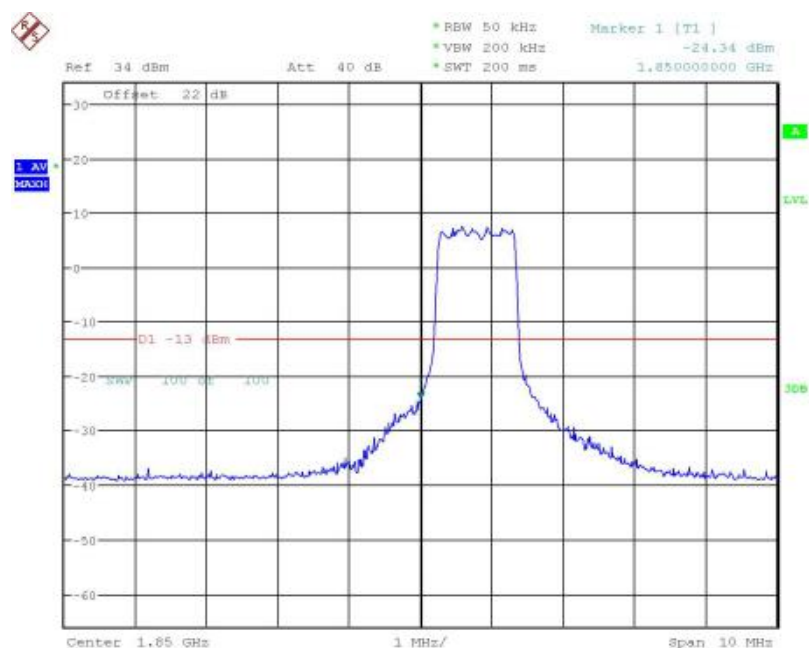
Date: 8.AUG.2018 14:04:28

Band2-Low Channel-5MHz Bandwidth-1RB-QPSK



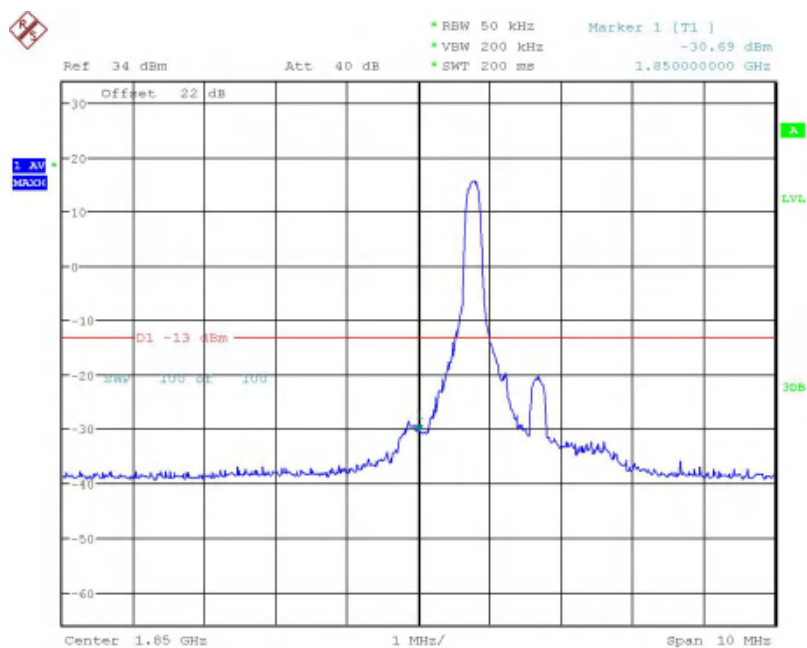
Date: 8.AUG.2018 14:03:16

Band2-Low Channel-5MHz Bandwidth-6RB-16QAM



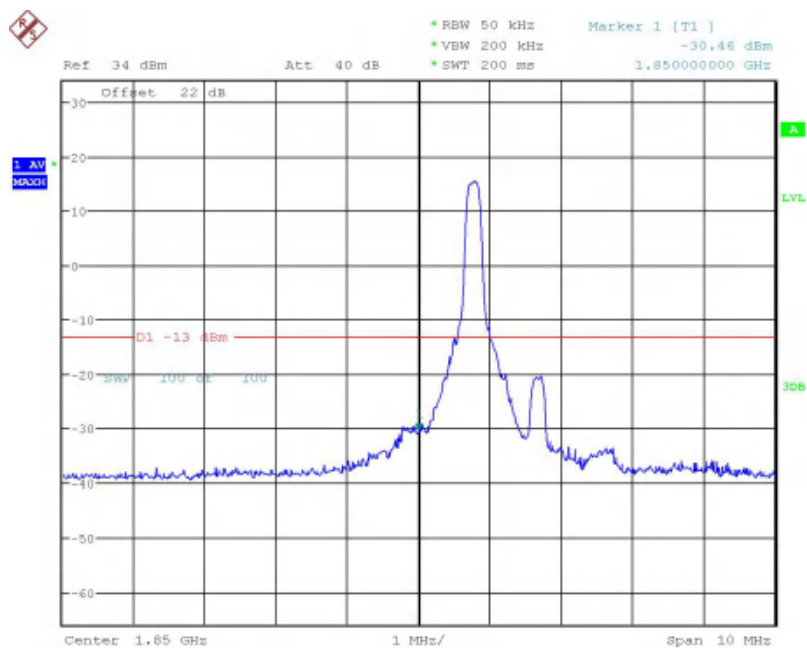
Date: 8.AUG.2018 14:05:05

Band2-Low Channel-5MHz Bandwidth-6RB-QPSK



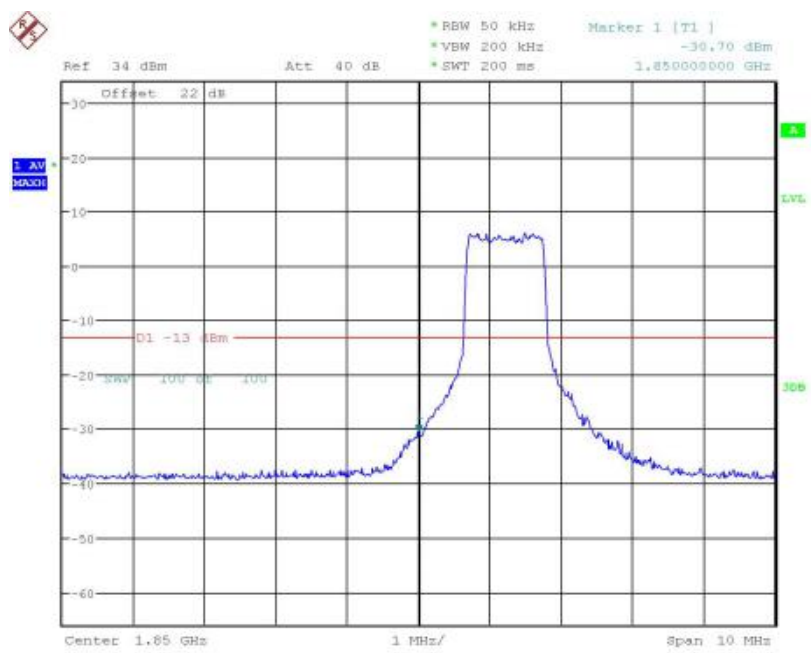
Date: 8.AUG.2018 14:07:15

Band2-Low Channel-10MHz Bandwidth-1RB-16QAM



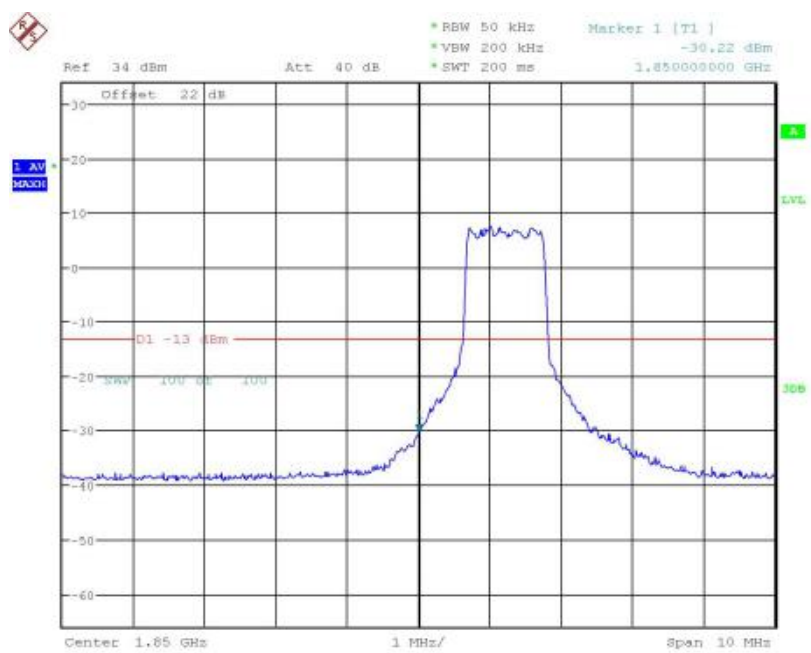
Date: 8.AUG.2018 14:06:42

Band2-Low Channel-10MHz Bandwidth-1RB-QPSK



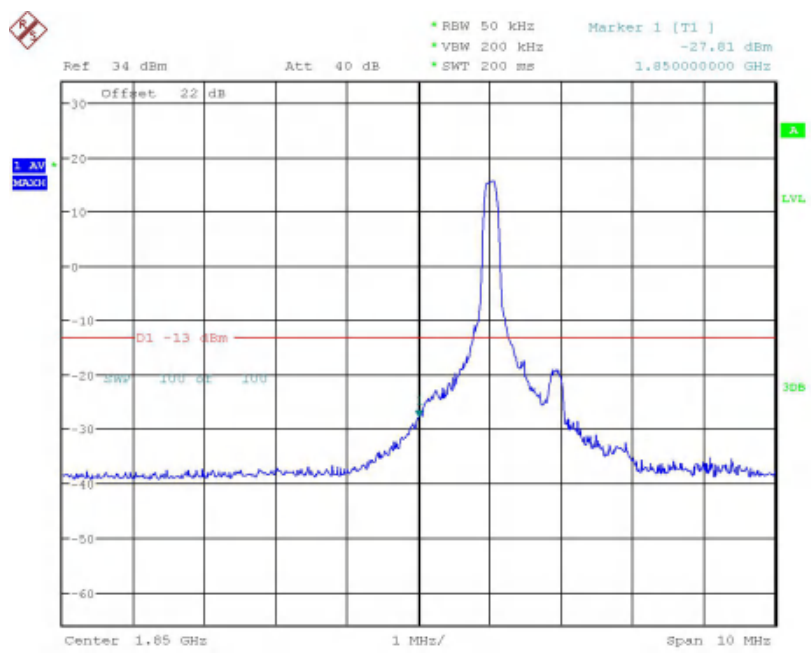
Date: 8.AUG.2018 14:07:42

Band2-Low Channel-10MHz Bandwidth-6RB-16QAM



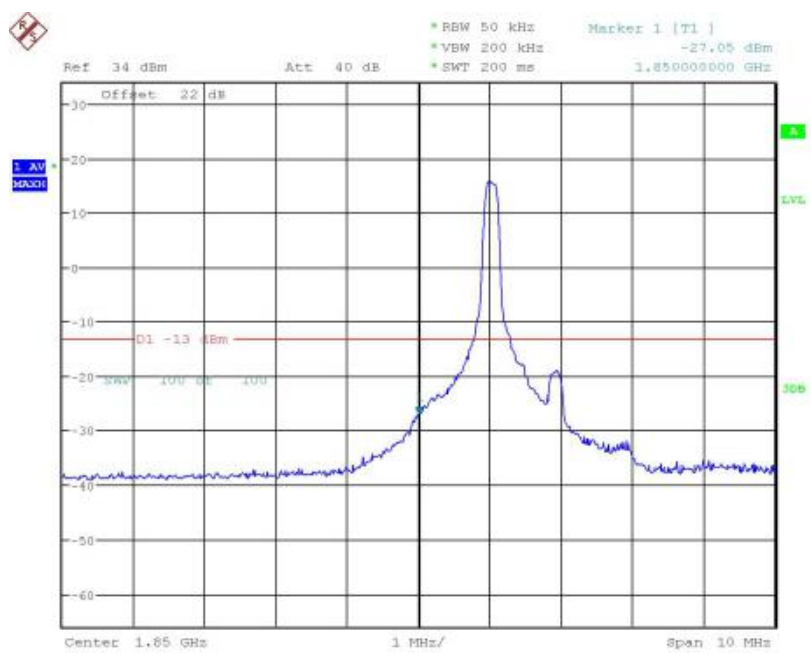
Date: 8.AUG.2018 14:06:17

Band2-Low Channel-10MHz Bandwidth-6RB-QPSK



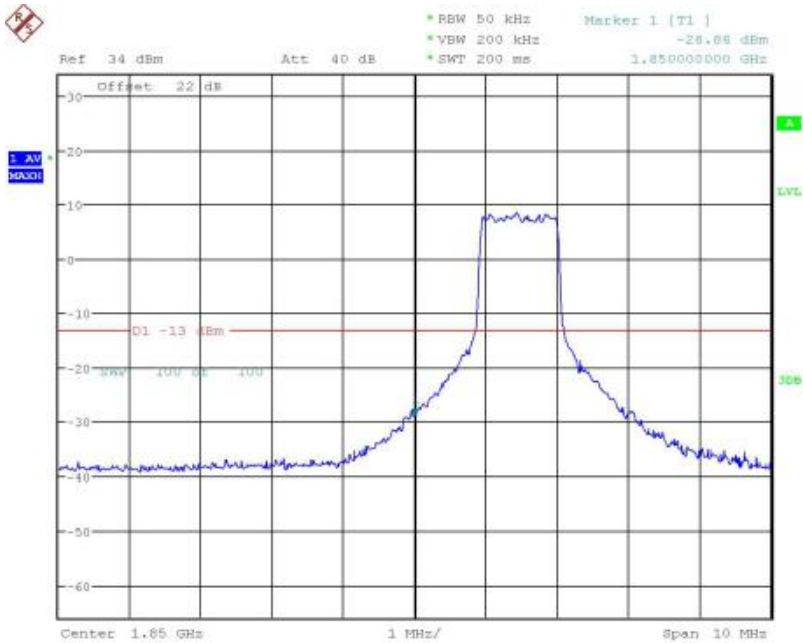
Date: 8.AUG.2018 14:09:33

Band2-Low Channel-15MHz Bandwidth-1RB-16QAM



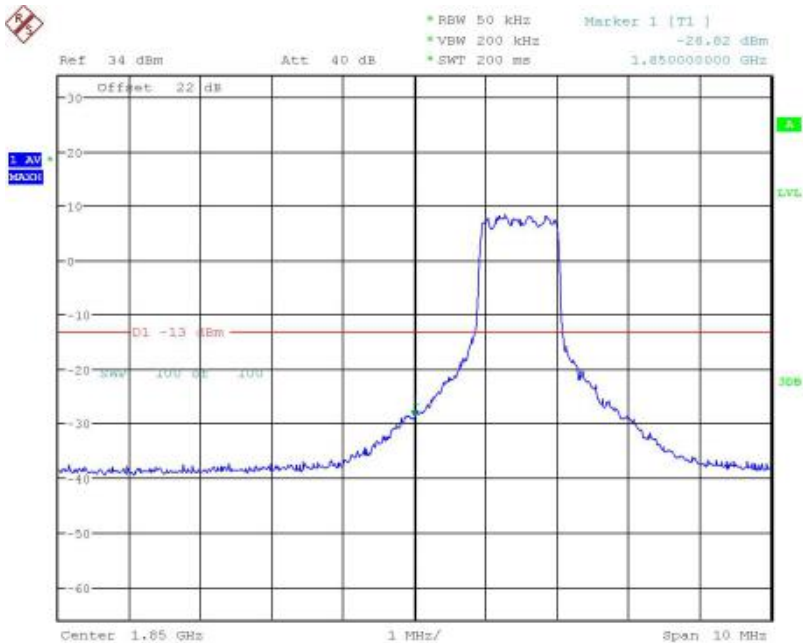
Date: 8.AUG.2018 14:10:44

Band2-Low Channel-15MHz Bandwidth-1RB-QPSK



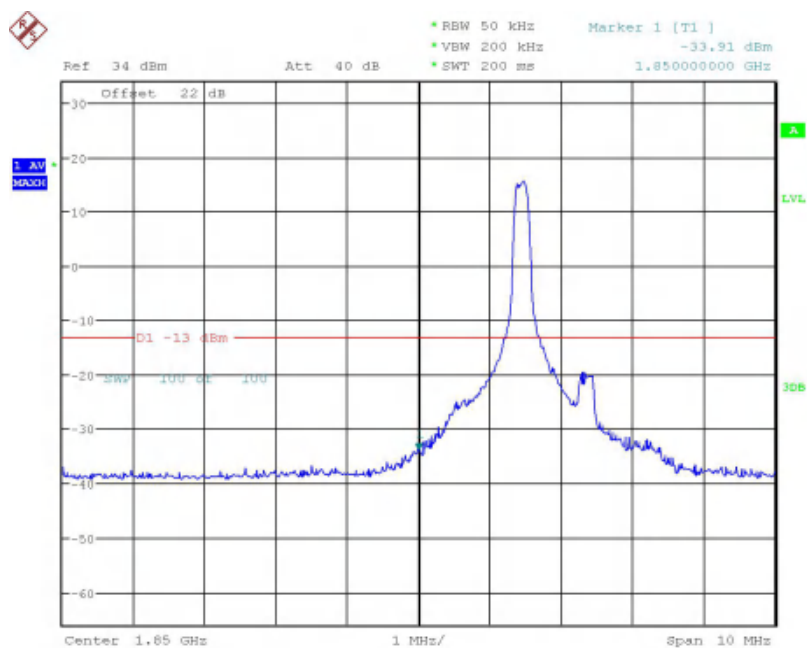
Date: 8.AUG.2018 14:09:01

Band2-Low Channel-15MHz Bandwidth-6RB-16QAM



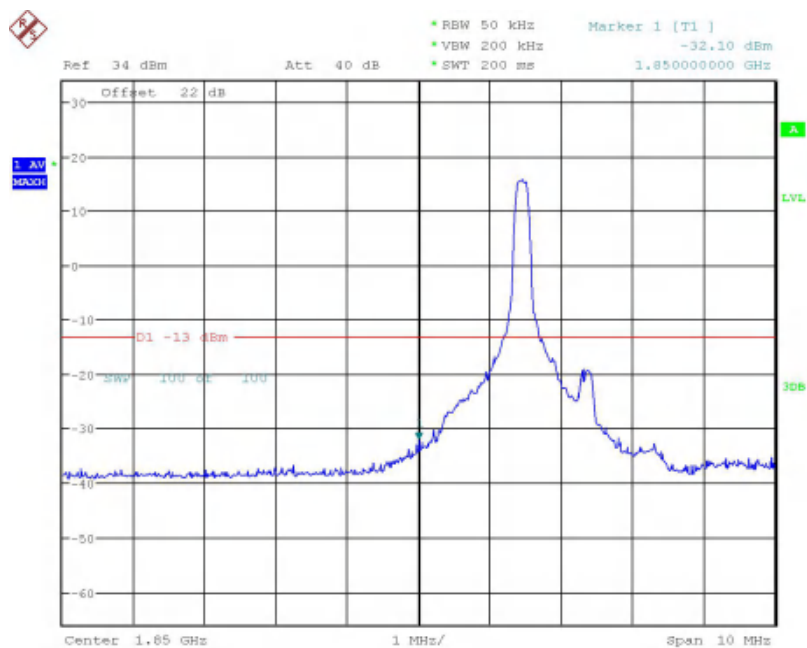
Date: 8.AUG.2018 14:11:20

Band2-Low Channel-15MHz Bandwidth-6RB-QPSK



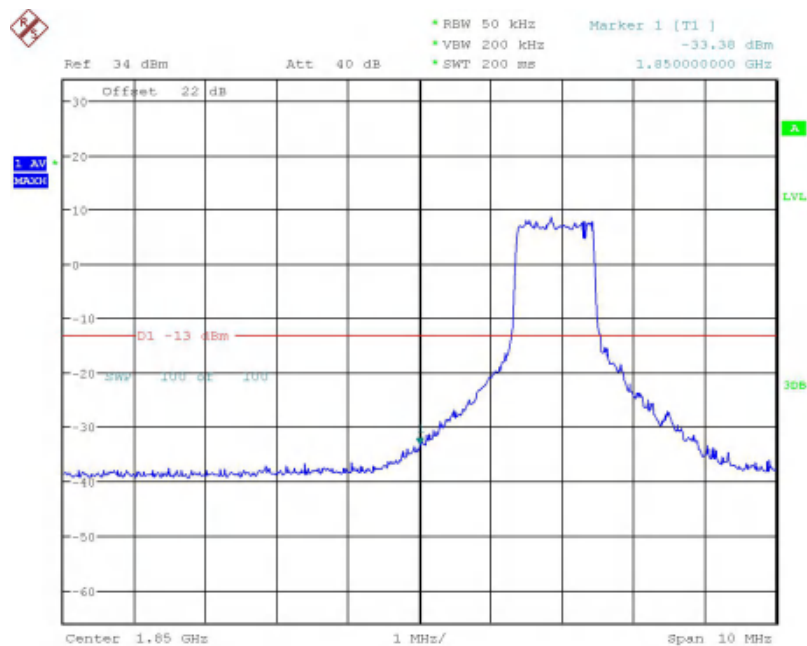
Date: 8.AUG.2018 14:14:22

Band2-Low Channel-20MHz Bandwidth-1RB-16QAM



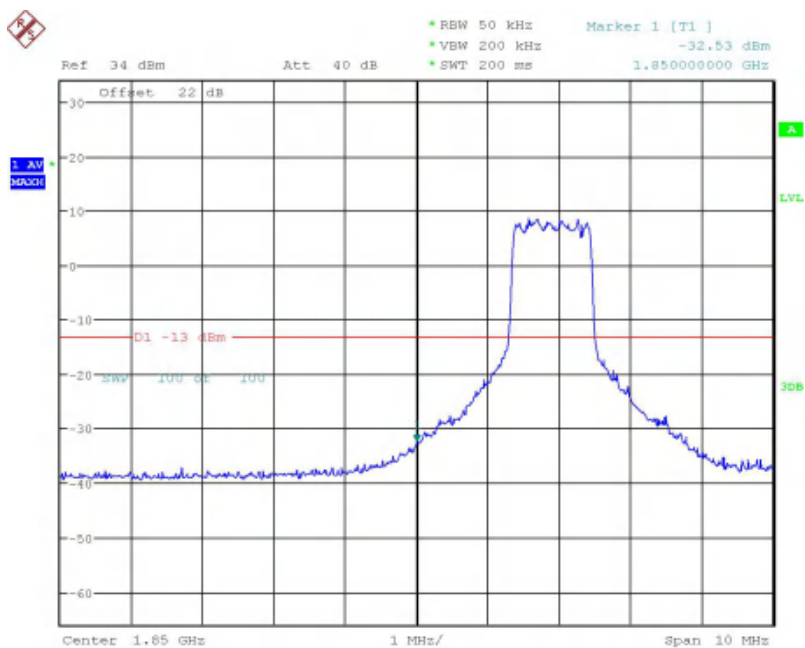
Date: 8.AUG.2018 14:13:31

Band2-Low Channel-20MHz Bandwidth-1RB-QPSK



Date: 8.AUG.2018 14:14:53

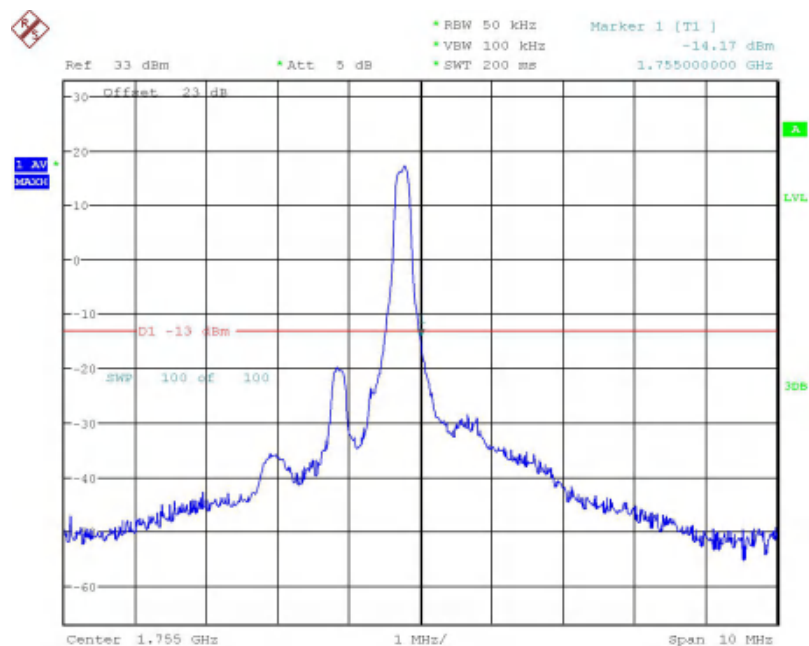
Band2-Low Channel-20MHz Bandwidth-6RB-16QAM



Date: 8.AUG.2018 14:12:51

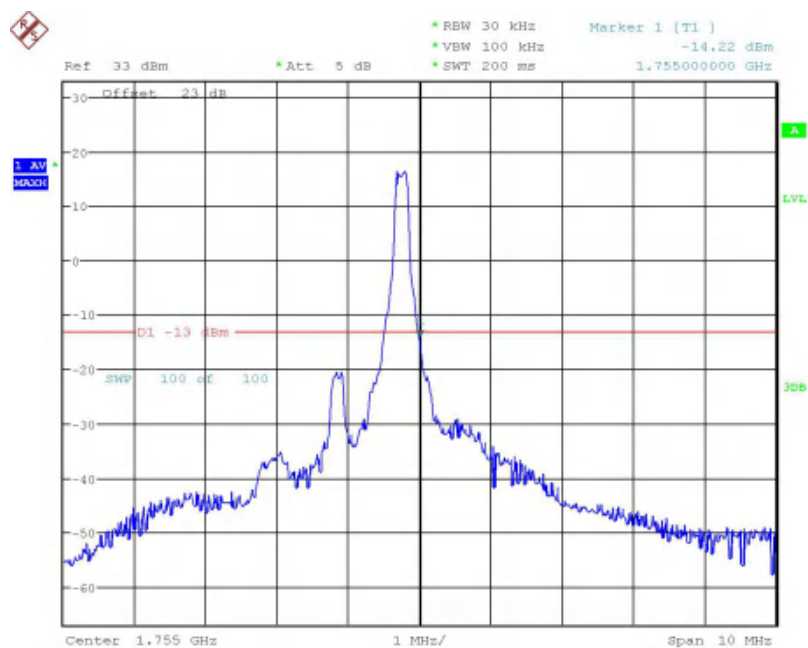
Band2-Low Channel-20MHz Bandwidth-6RB-QPSK

5.5.9 CAT-M Band4 Edge Results



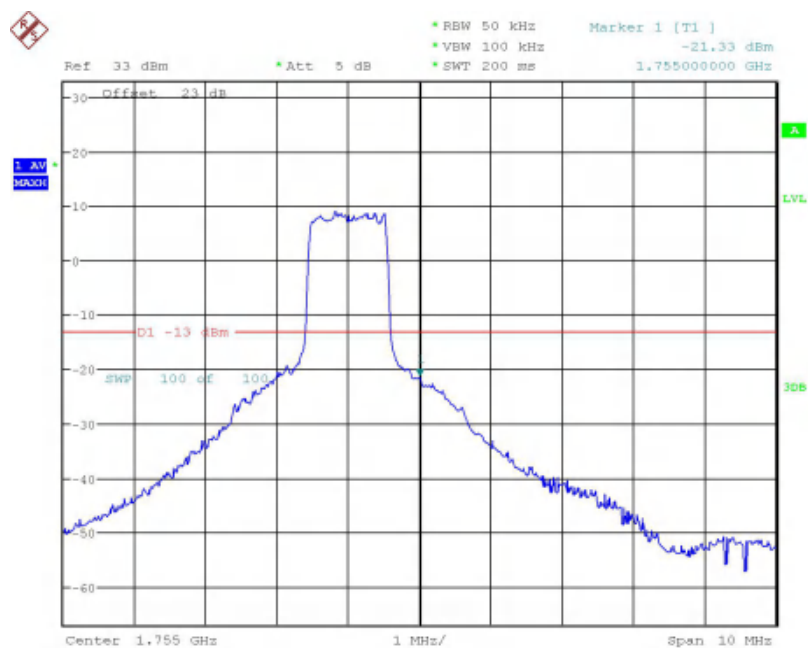
Date: 7.AUG.2018 10:45:32

Band4-High Channel-1.4MHz Bandwidth-1RB-16QAM



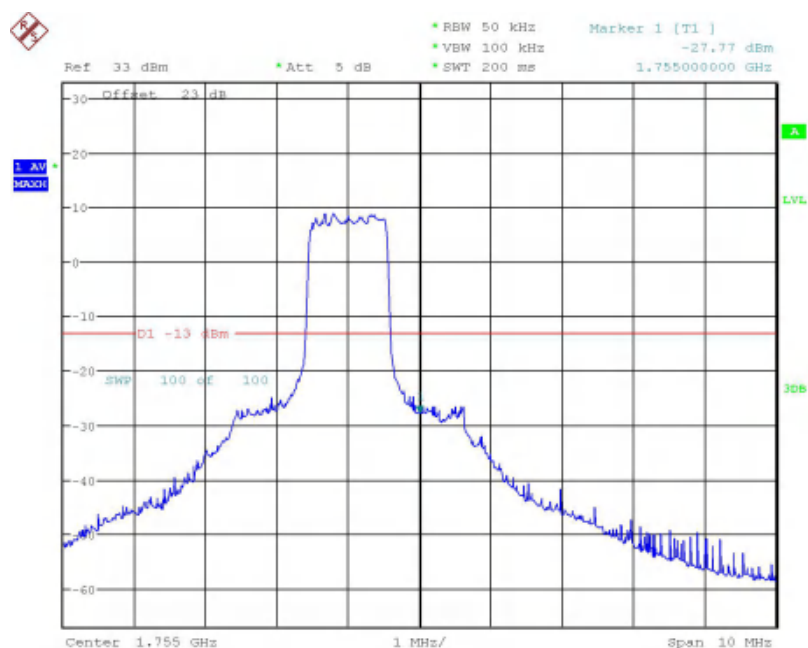
Date: 7.AUG.2018 10:46:56

Band4-High Channel-1.4MHz Bandwidth-1RB-QPSK



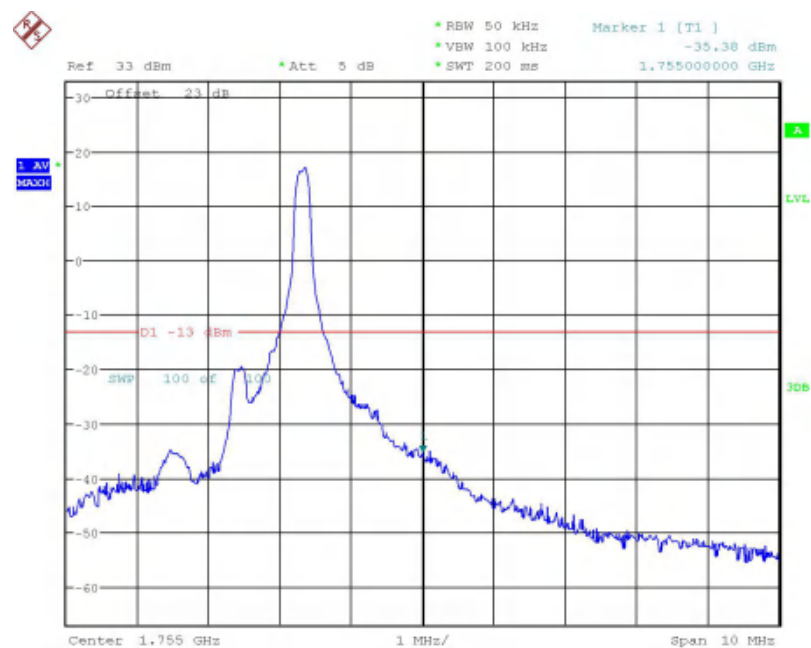
Date: 7.AUG.2018 10:34:48

Band4-High Channel-1.4MHz Bandwidth-6RB-16QAM



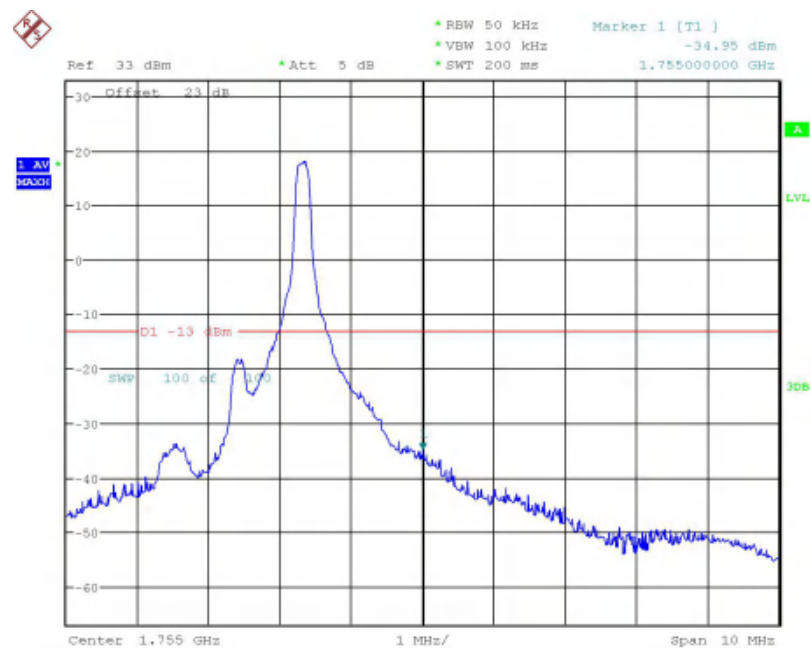
Date: 7.AUG.2018 10:37:09

Band4-High Channel-1.4MHz Bandwidth-6RB-QPSK



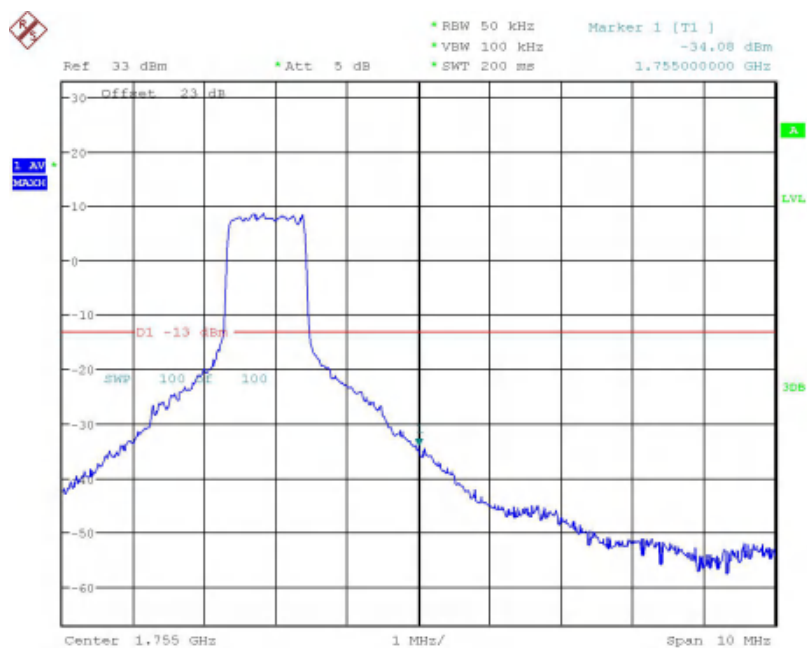
Date: 7.AUG.2018 10:41:33

Band4-High Channel-3MHz Bandwidth-1RB-16QAM



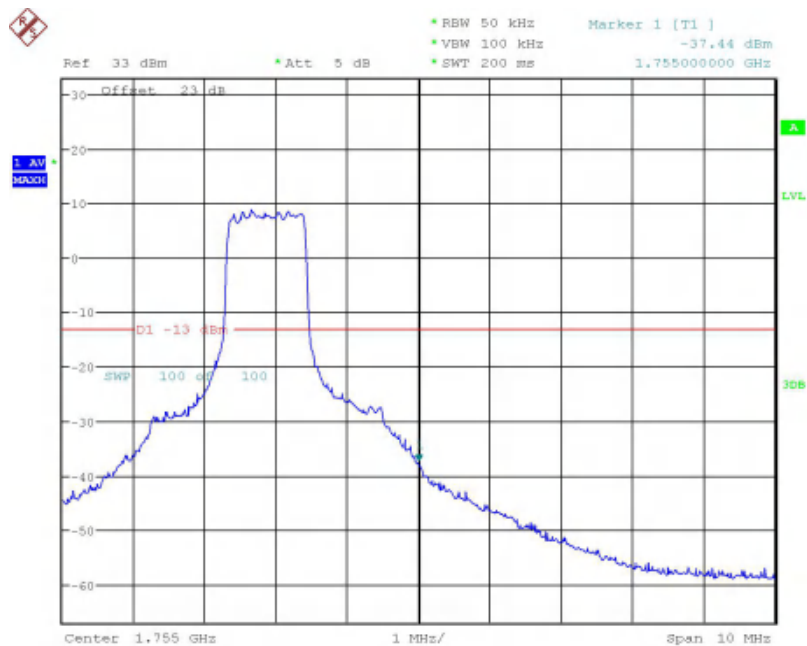
Date: 7.AUG.2018 10:40:12

Band4-High Channel-3MHz Bandwidth-1RB-QPSK



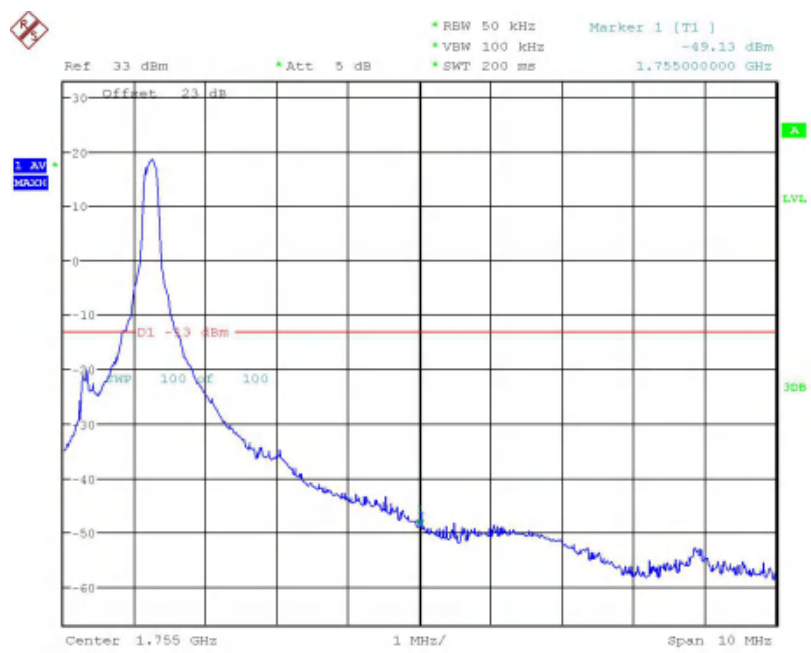
Date: 7.AUG.2018 10:42:23

Band4-High Channel-3MHz Bandwidth-6RB-16QAM



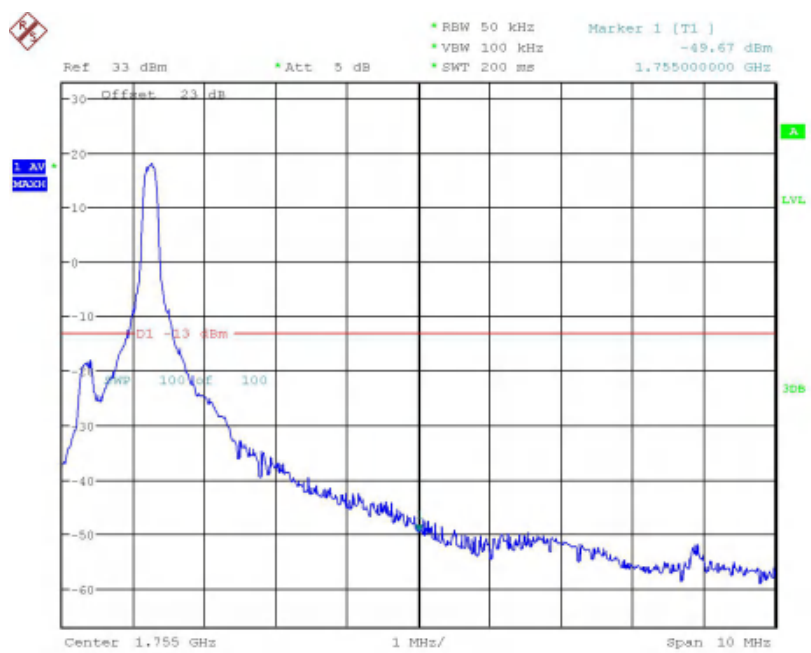
Date: 7.AUG.2018 10:39:07

Band4-High Channel-3MHz Bandwidth-6RB-QPSK



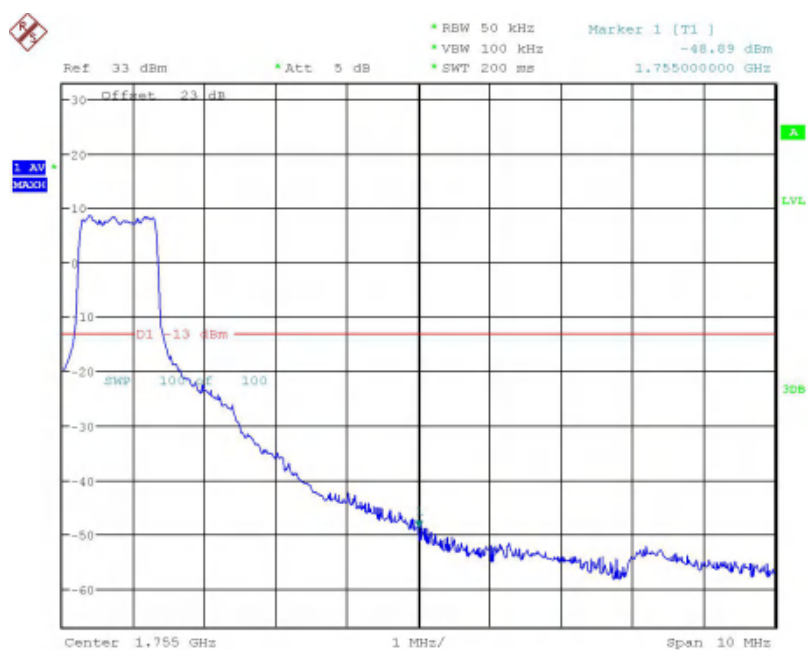
Date: 7.AUG.2018 10:50:47

Band4-High Channel-5MHz Bandwidth-1RB-16QAM



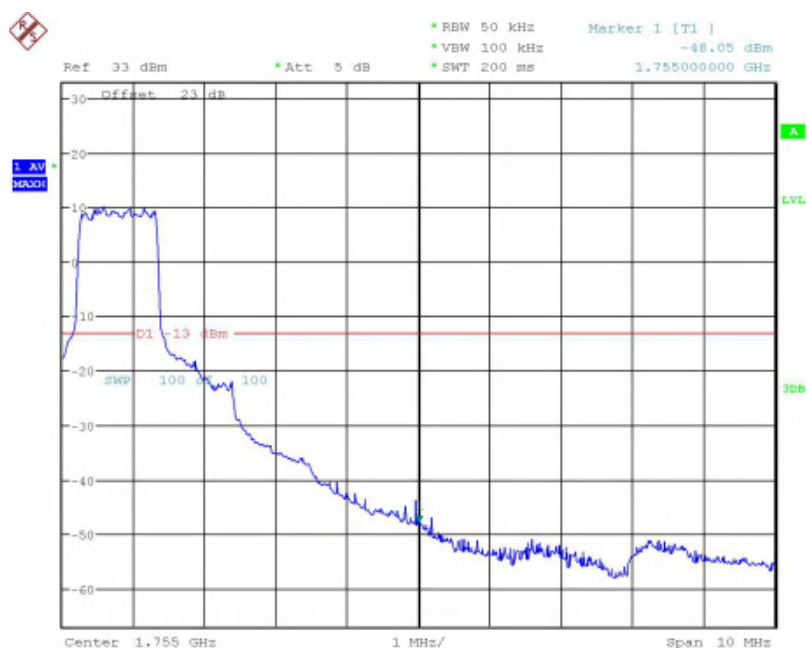
Date: 7.AUG.2018 10:53:41

Band4-High Channel-5MHz Bandwidth-1RB-QPSK



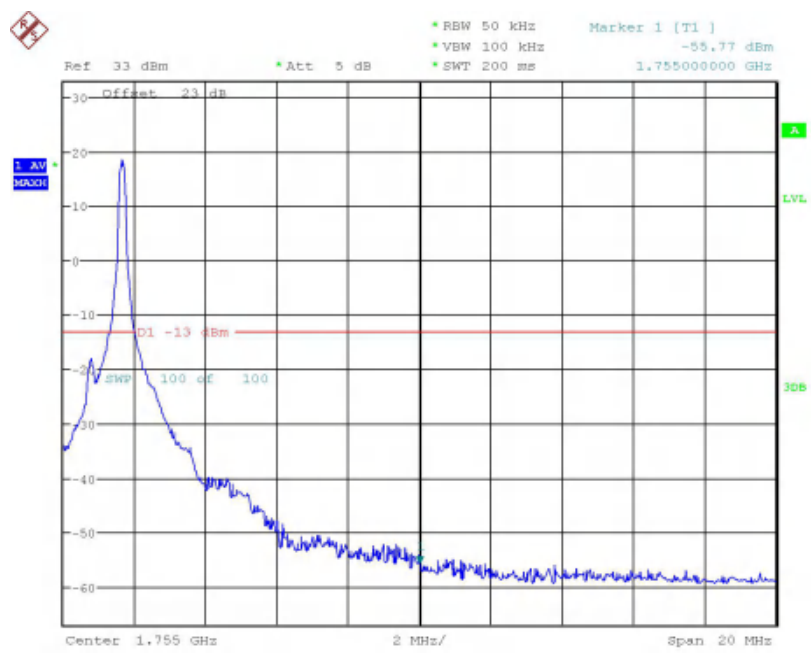
Date: 7.AUG.2018 10:52:19

Band4-High Channel-5MHz Bandwidth-6RB-16QAM



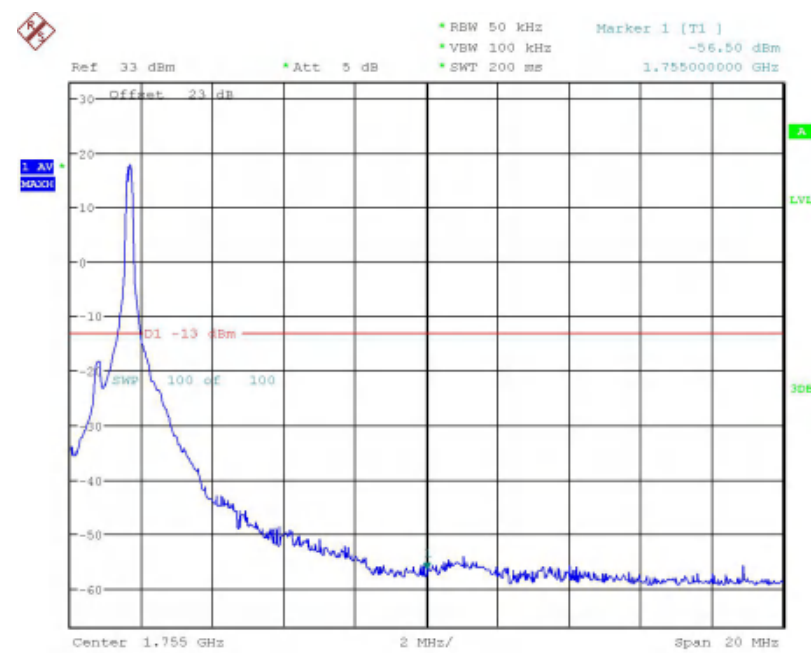
Date: 7.AUG.2018 10:48:56

Band4-High Channel-5MHz Bandwidth-6RB-QPSK



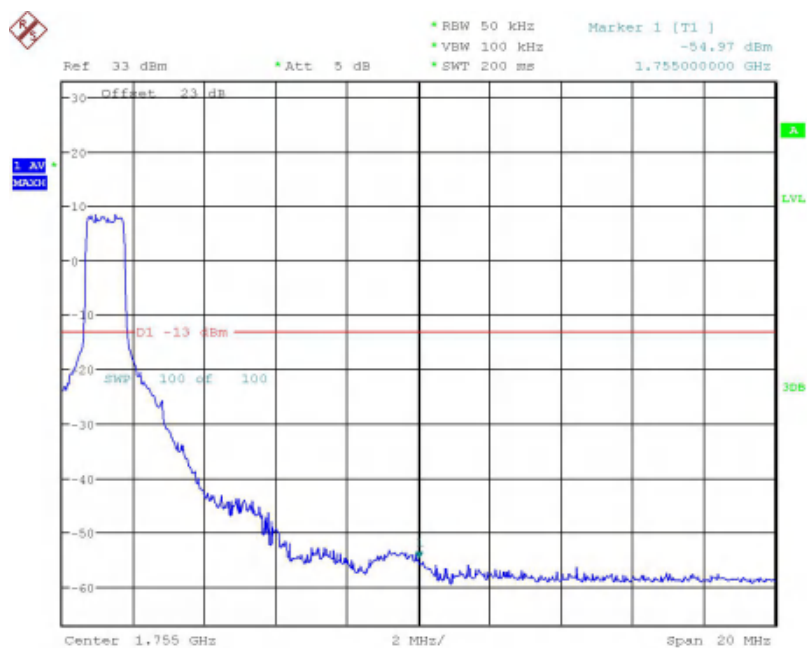
Date: 7.AUG.2018 10:56:56

Band4-High Channel-10MHz Bandwidth-1RB-16QAM



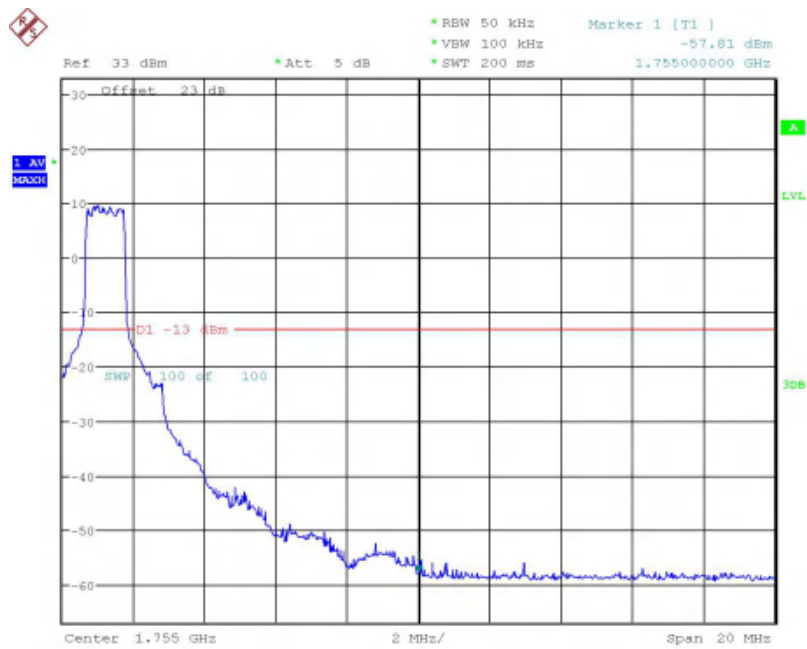
Date: 7.AUG.2018 10:56:07

Band4-High Channel-10MHz Bandwidth-1RB-QPSK



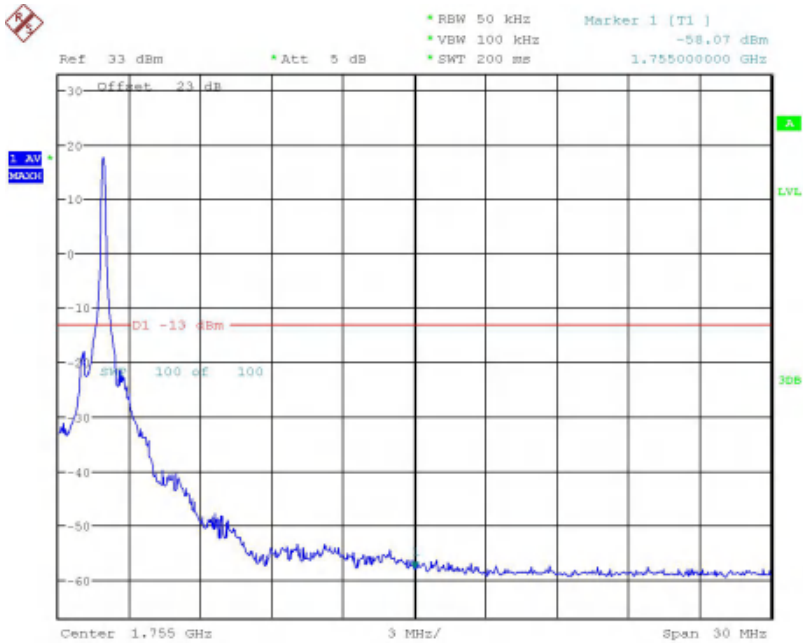
Date: 7.AUG.2018 10:57:45

Band4-High Channel-10MHz Bandwidth-6RB-16QAM



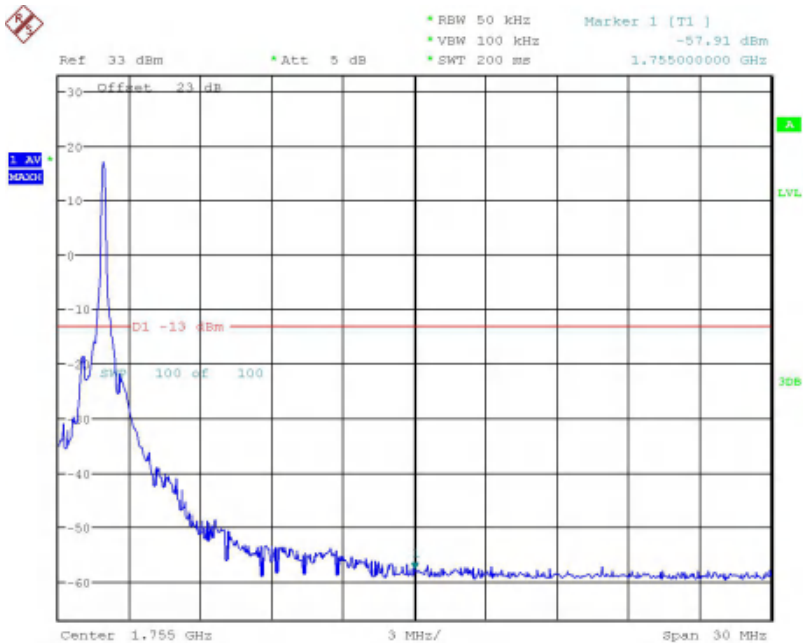
Date: 7.AUG.2018 10:55:27

Band4-High Channel-10MHz Bandwidth-6RB-QPSK



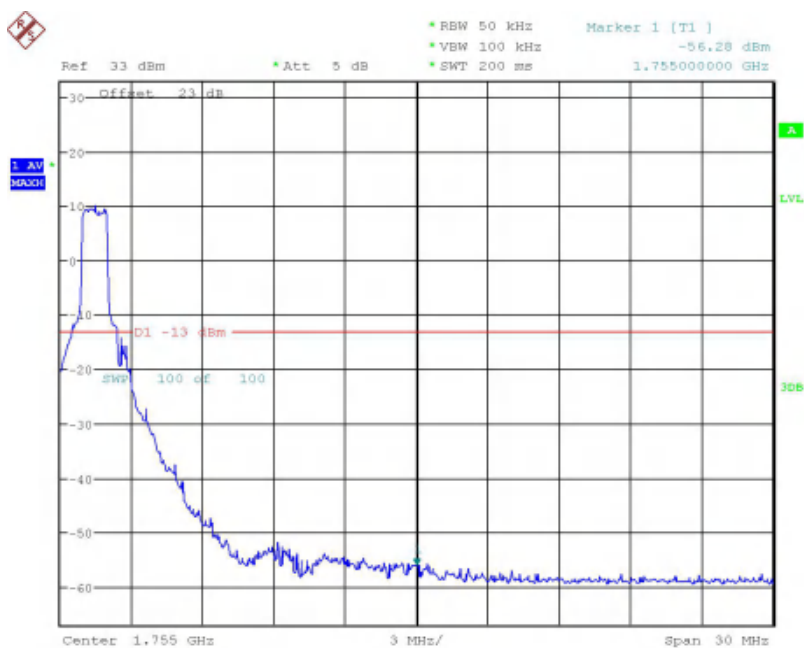
Date: 7.AUG.2018 11:02:02

Band4-High Channel-15MHz Bandwidth-1RB-16QAM



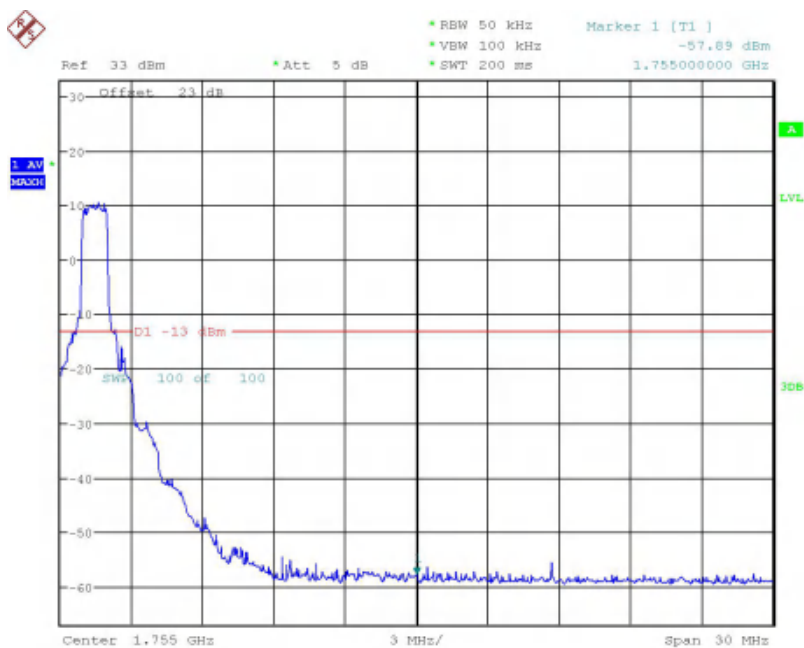
Date: 7.AUG.2018 11:02:43

Band4-High Channel-15MHz Bandwidth-1RB-QPSK



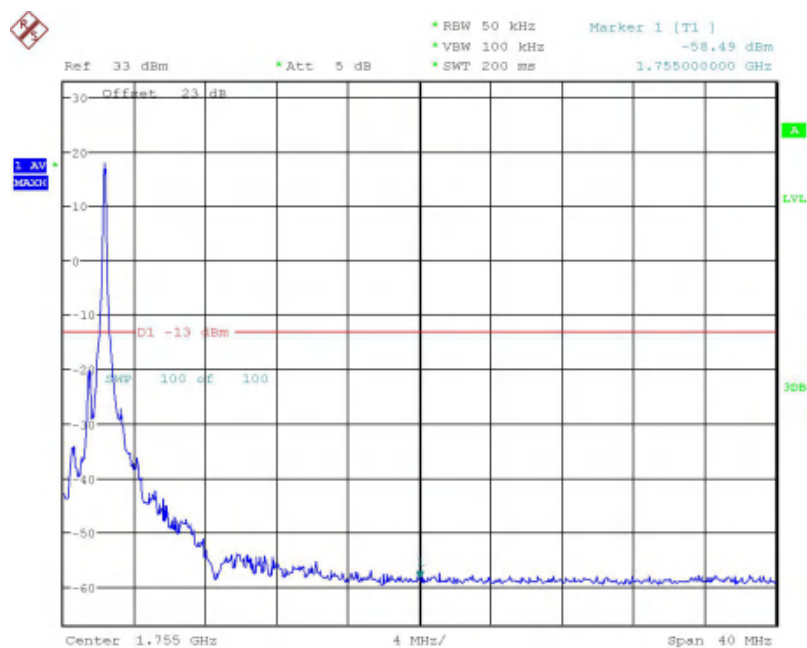
Date: 7.AUG.2018 10:59:12

Band4-High Channel-15MHz Bandwidth-6RB-16QAM



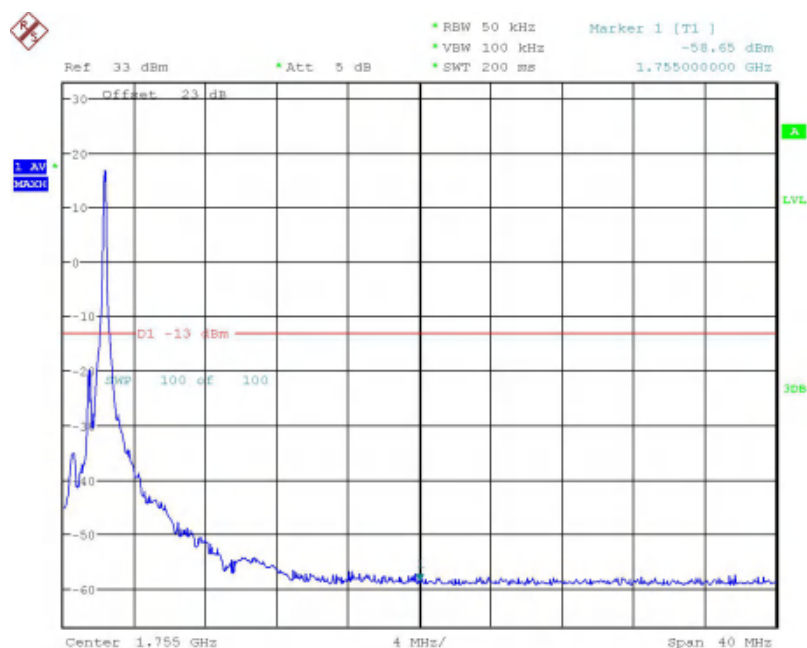
Date: 7.AUG.2018 10:59:55

Band4-High Channel-15MHz Bandwidth-6RB-QPSK



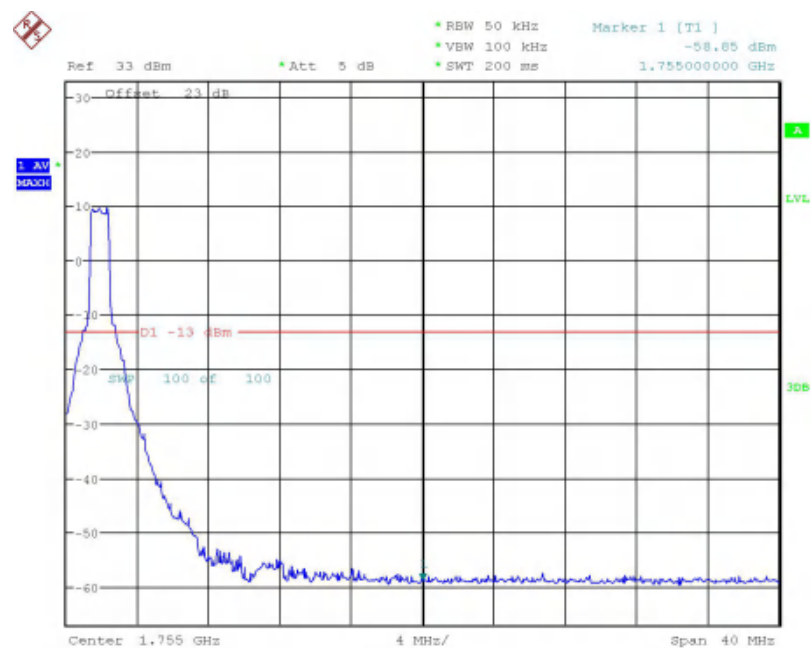
Date: 7.AUG.2018 11:05:40

Band4-High Channel-20MHz Bandwidth-1RB-16QAM



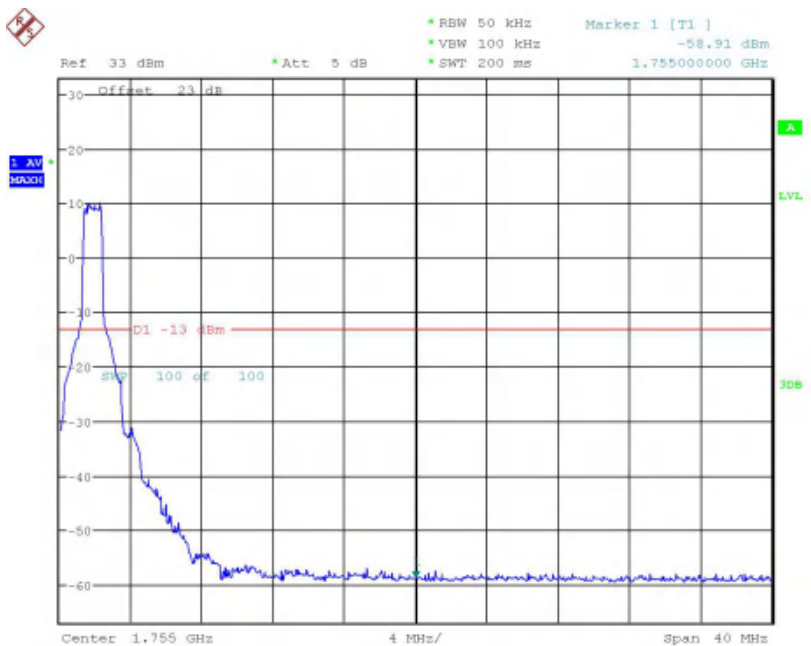
Date: 7.AUG.2018 11:06:38

Band4-High Channel-20MHz Bandwidth-1RB-QPSK



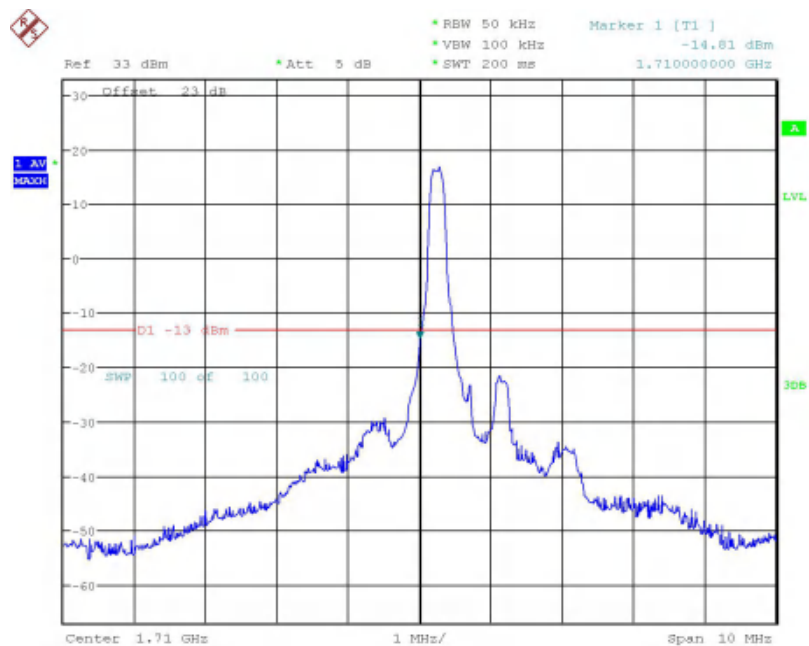
Date: 7.AUG.2018 11:04:48

Band4-High Channel-20MHz Bandwidth-6RB-16QAM



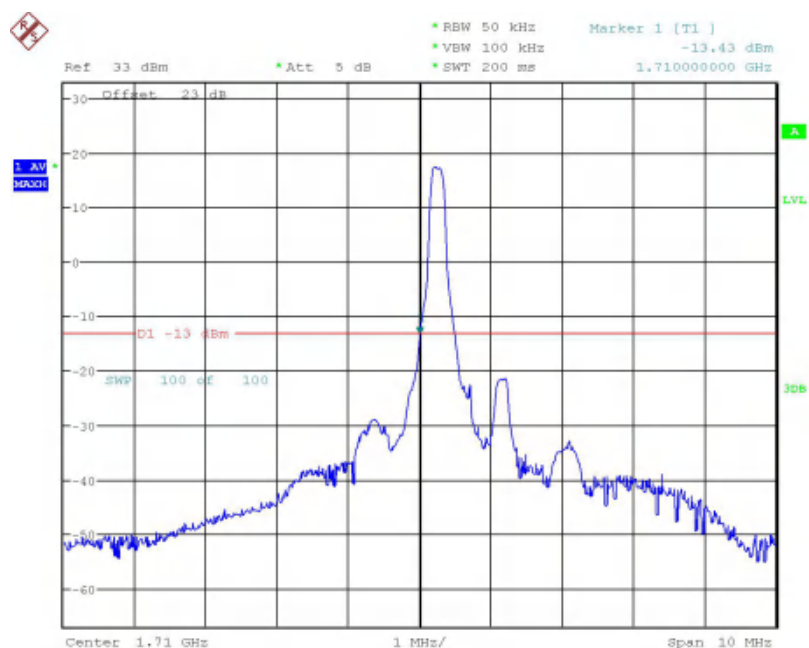
Date: 7.AUG.2018 11:03:58

Band4-High Channel-20MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 10:11:00

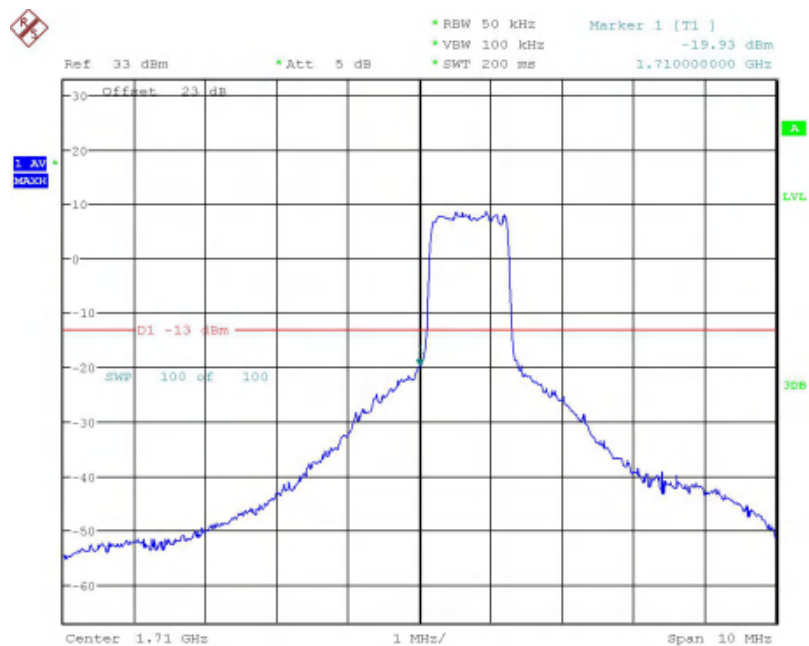
Band4-Low Channel-1.4MHz Bandwidth-1RB-16QAM



Date: 7.AUG.2018 10:07:09

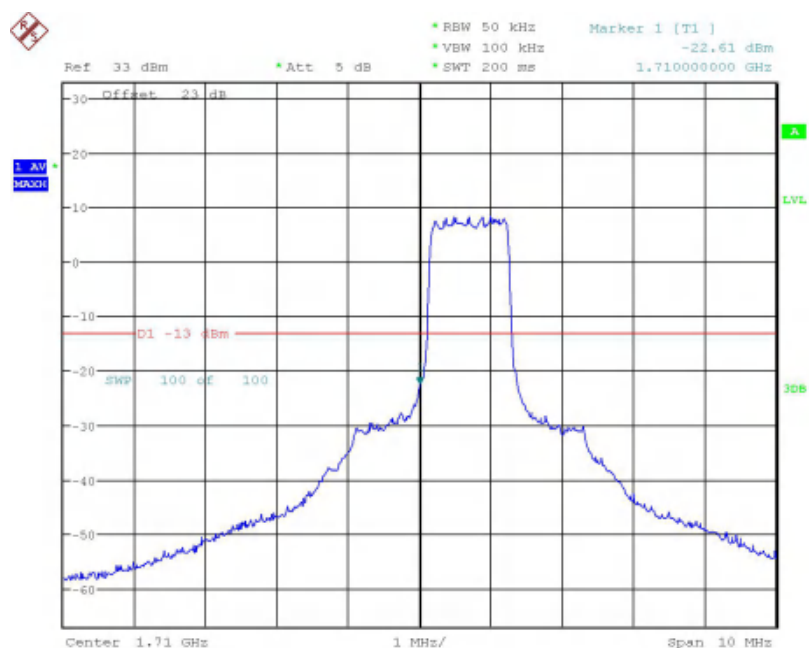
Band4-Low Channel-1.4MHz Bandwidth-1RB-QPSK

Report No.:B18W50279_Rev3



Date: 7.AUG.2018 10:10:02

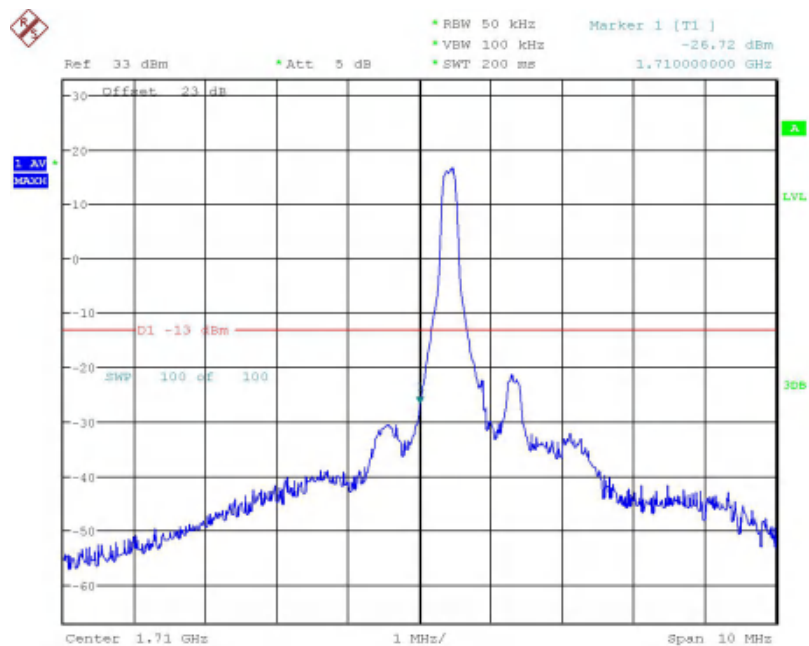
Band4-Low Channel-1.4MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 10:08:34

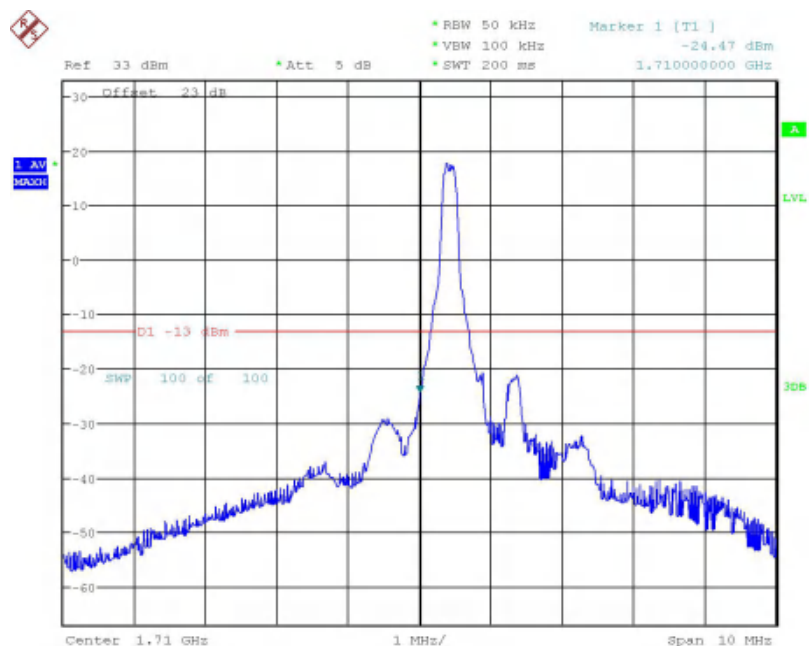
Band4-Low Channel-1.4MHz Bandwidth-6RB-QPSK

Report No.:B18W50279_Rev3



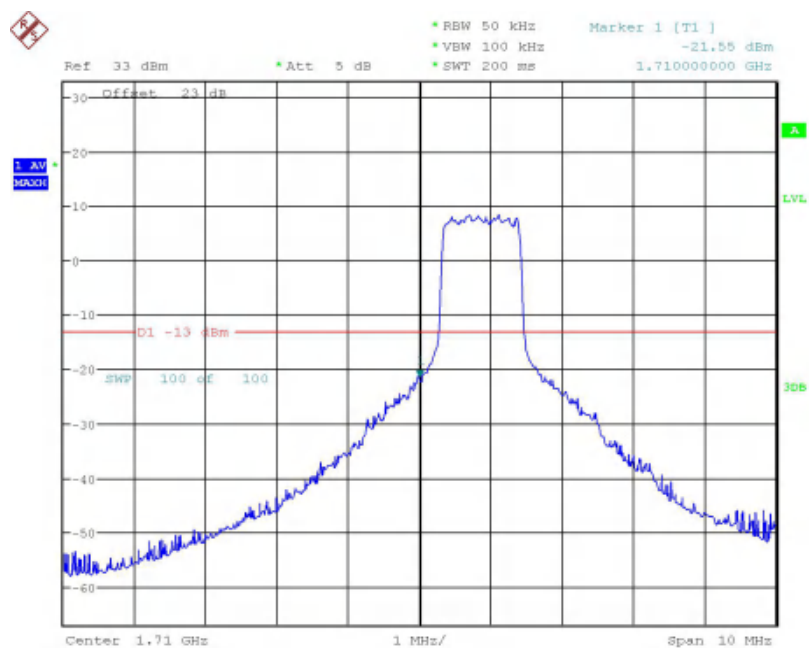
Date: 7.AUG.2018 10:14:24

Band4-Low Channel-3MHz Bandwidth-1RB-16QAM



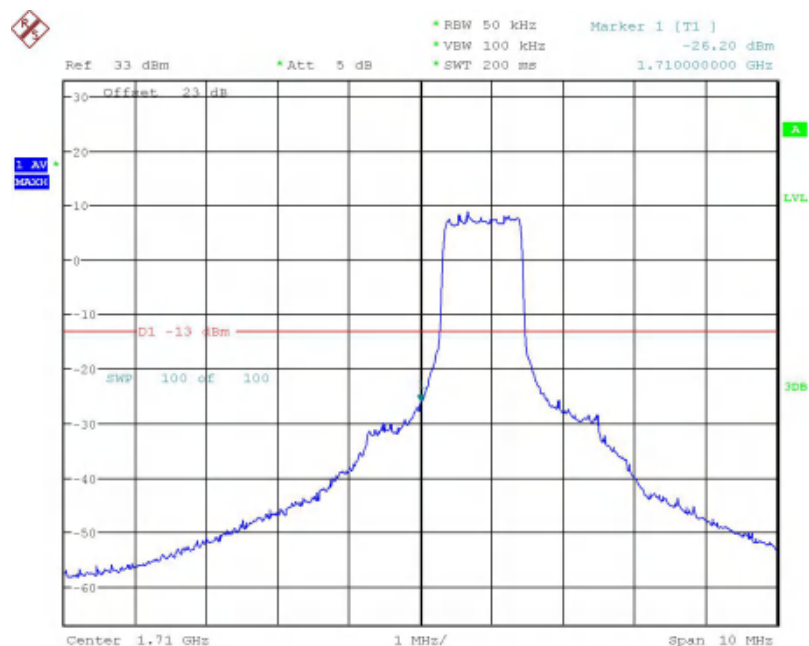
Date: 7.AUG.2018 10:15:14

Band4-Low Channel-3MHz Bandwidth-1RB-QPSK



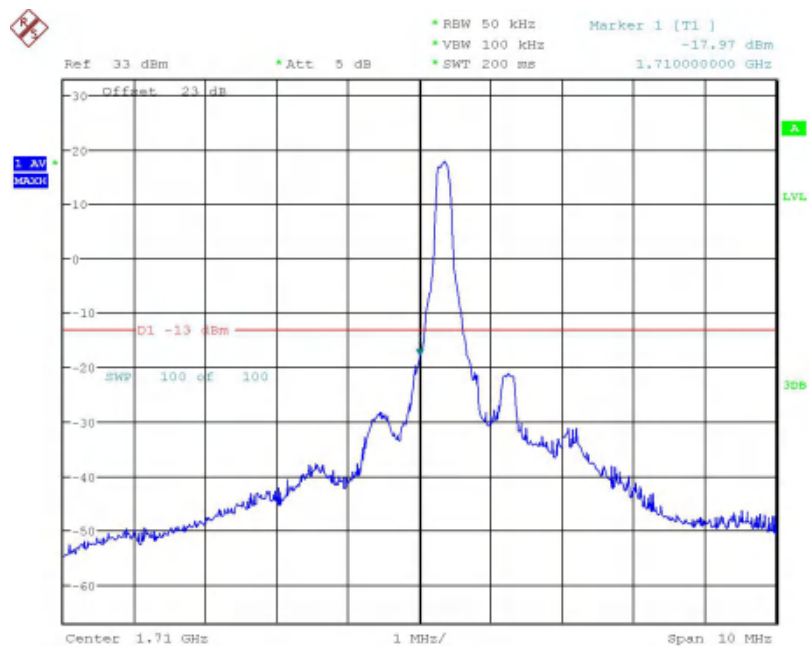
Date: 7.AUG.2018 10:13:35

Band4-Low Channel-3MHz Bandwidth-6RB-16QAM



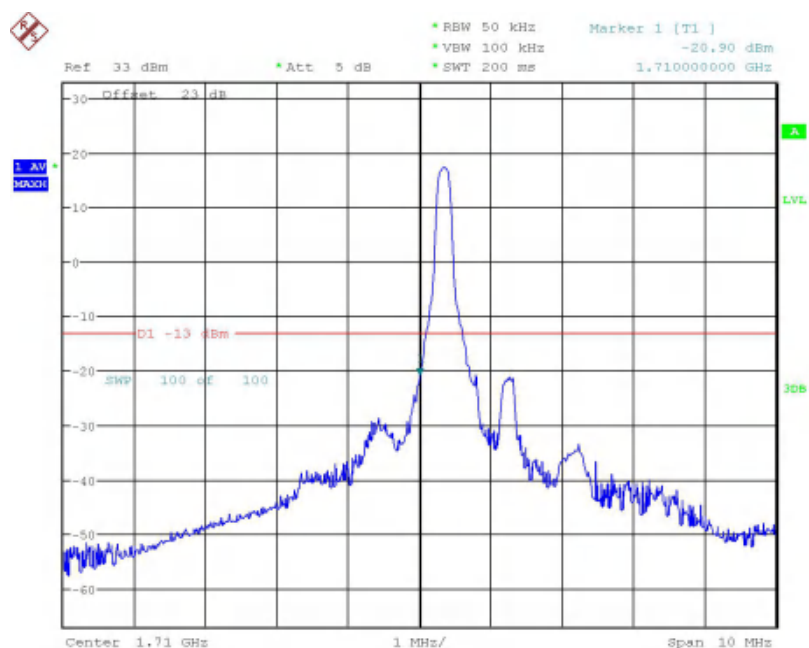
Date: 7.AUG.2018 10:15:51

Band4-Low Channel-3MHz Bandwidth-6RB-QPSK



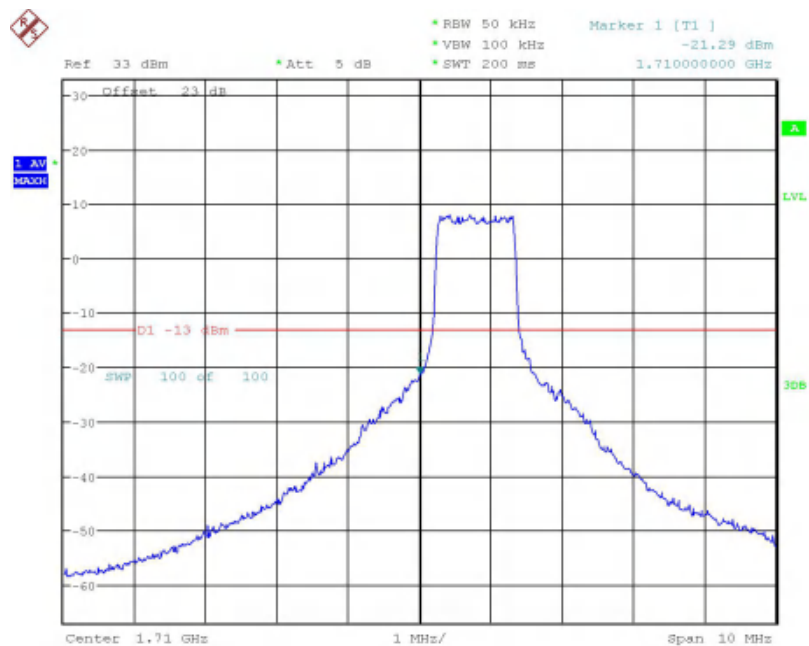
Date: 7.AUG.2018 10:20:08

Band4-Low Channel-5MHz Bandwidth-1RB-16QAM



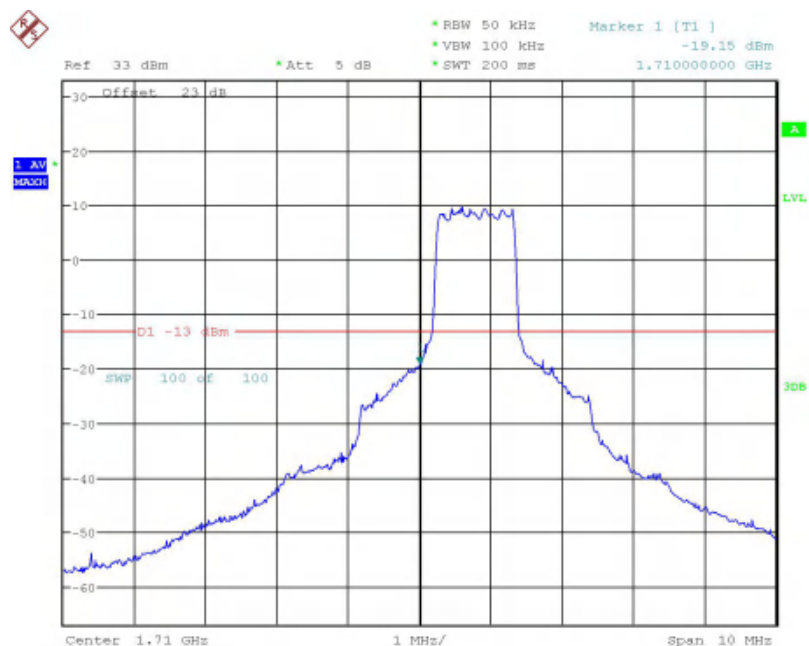
Date: 7.AUG.2018 10:19:19

Band4-Low Channel-5MHz Bandwidth-1RB-QPSK



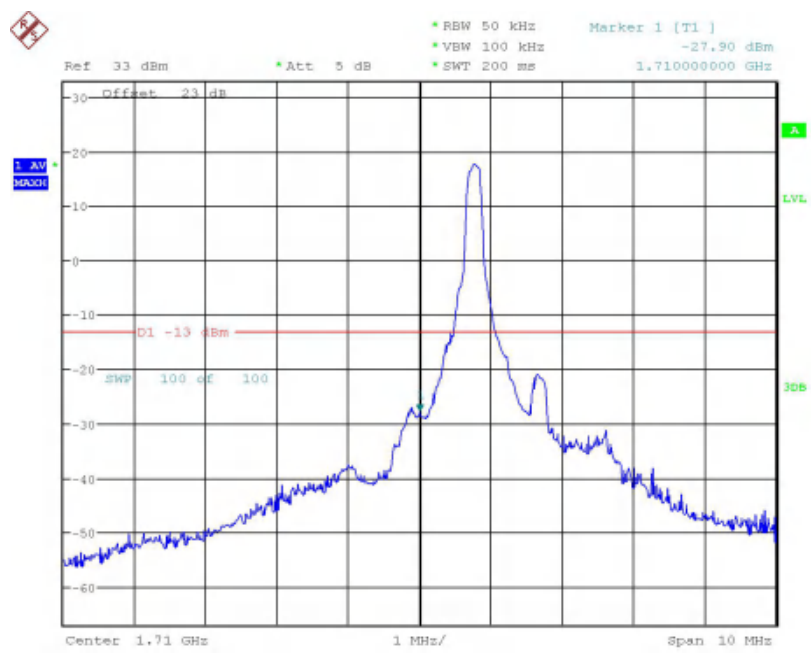
Date: 7.AUG.2018 10:20:52

Band4-Low Channel-5MHz Bandwidth-6RB-16QAM



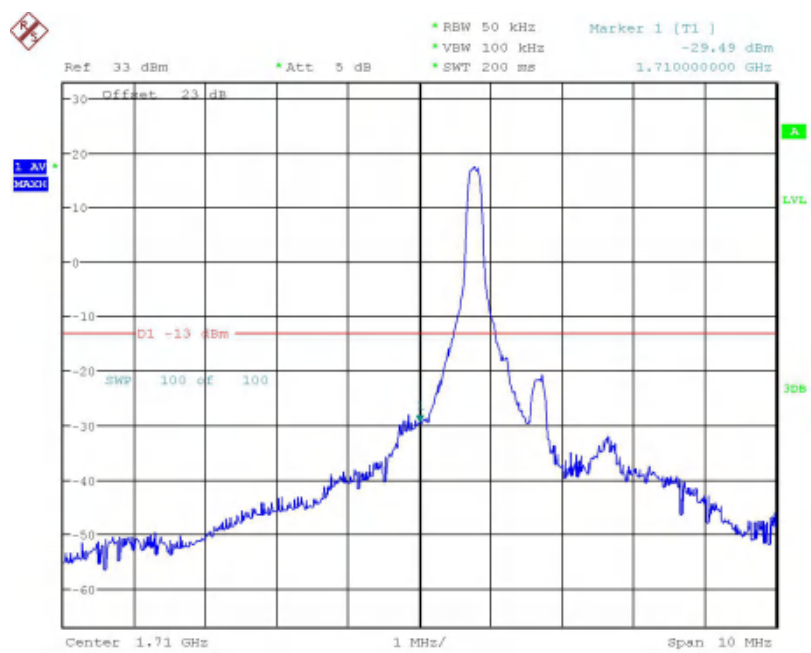
Date: 7.AUG.2018 10:18:40

Band4-Low Channel-5MHz Bandwidth-6RB-QPSK



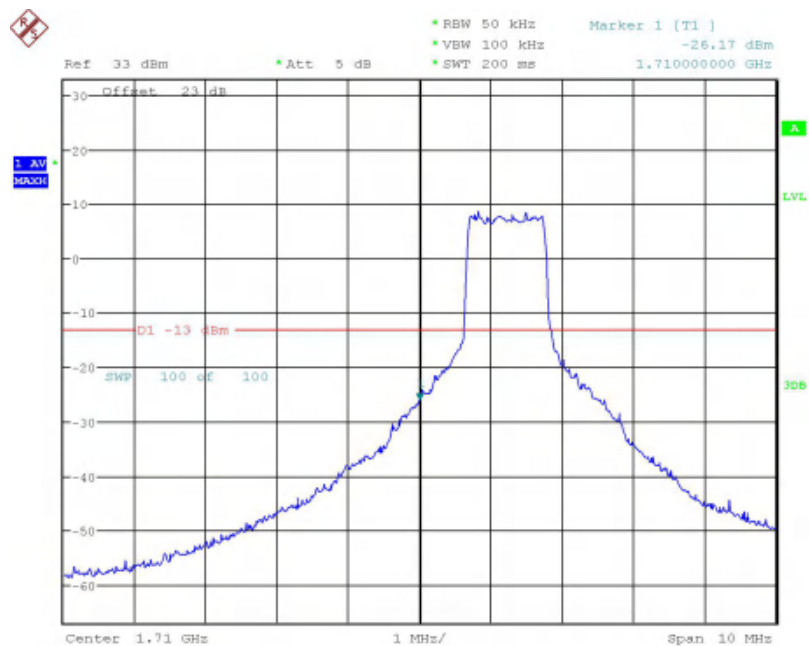
Date: 7.AUG.2018 10:23:12

Band4-Low Channel-10MHz Bandwidth-1RB-16QAM



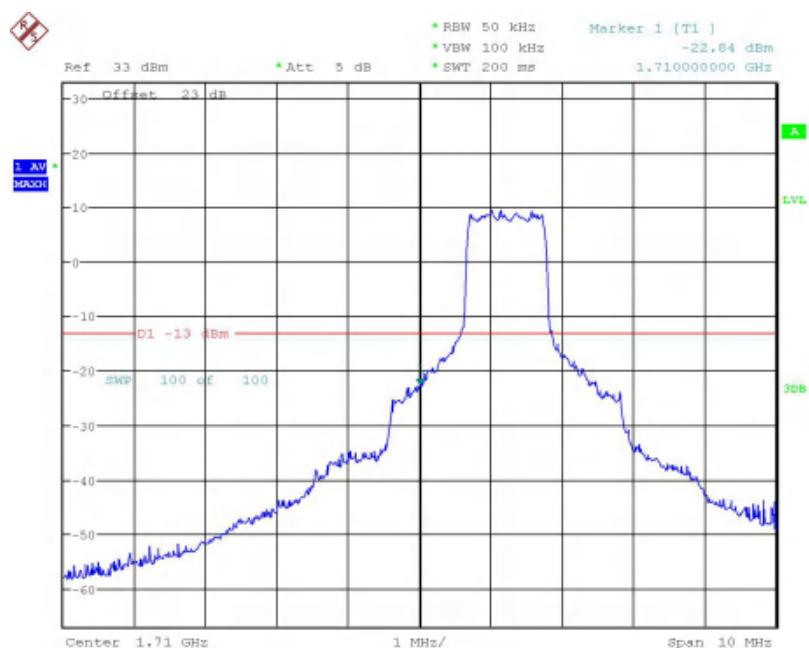
Date: 7.AUG.2018 10:24:00

Band4-Low Channel-10MHz Bandwidth-1RB-QPSK



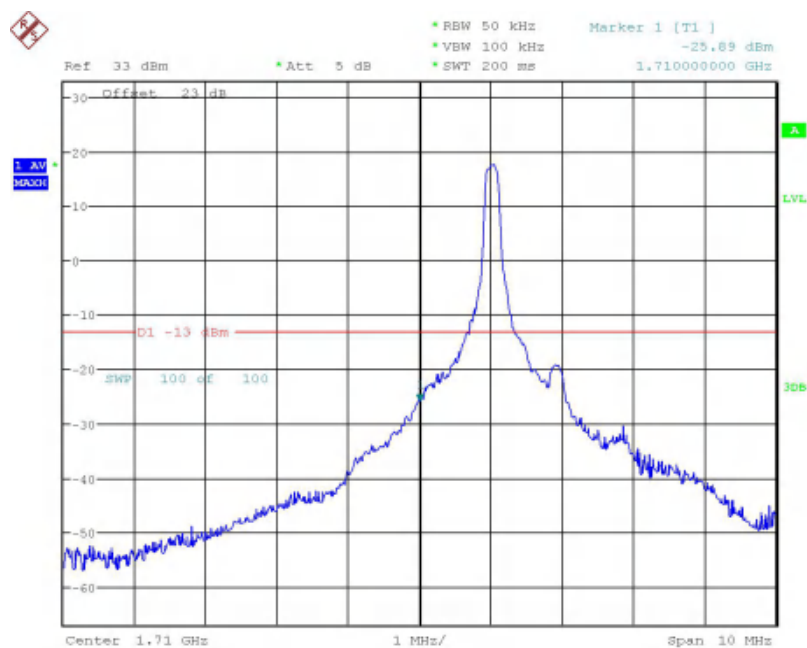
Date: 7.AUG.2018 10:22:26

Band4-Low Channel-10MHz Bandwidth-6RB-16QAM



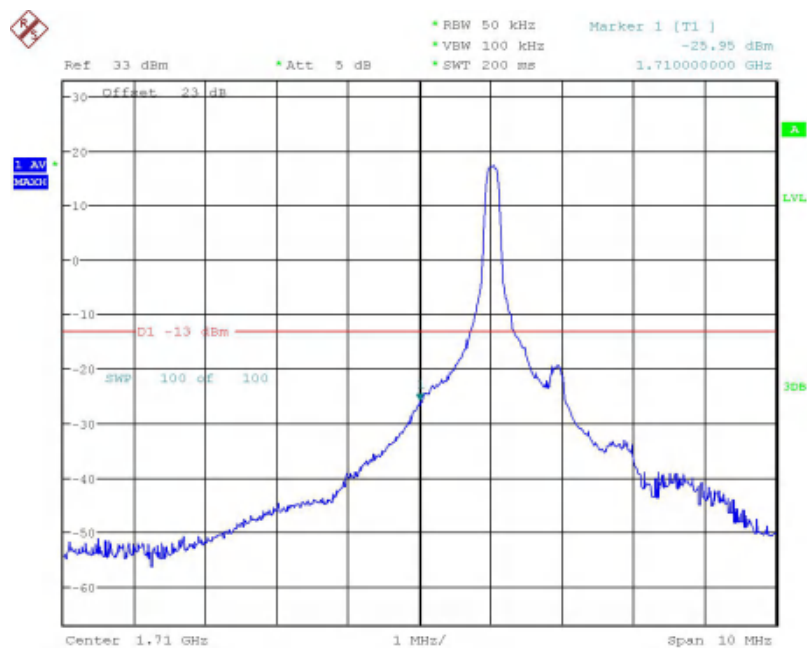
Date: 7.AUG.2018 10:24:49

Band4-Low Channel-10MHz Bandwidth-6RB-QPSK



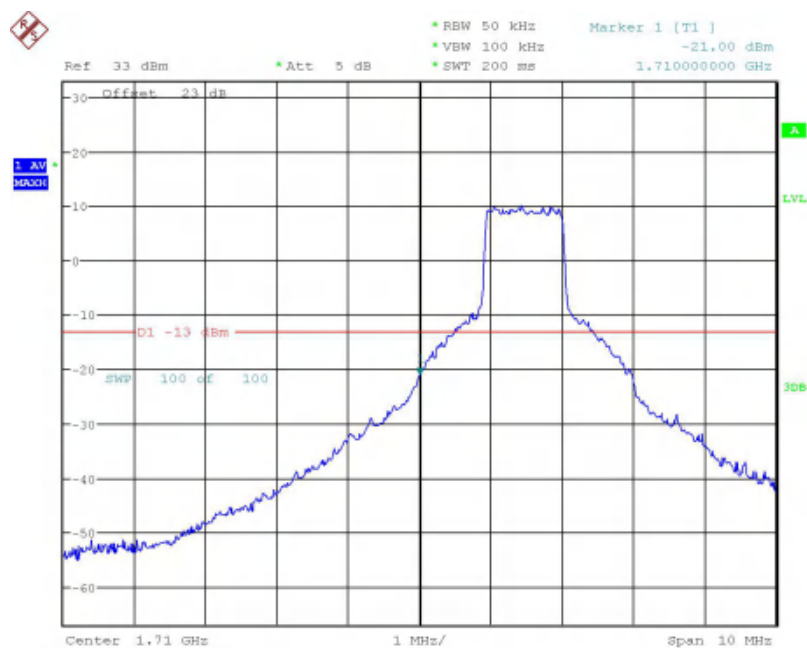
Date: 7.AUG.2018 10:27:35

Band4-Low Channel-15MHz Bandwidth-1RB-16QAM



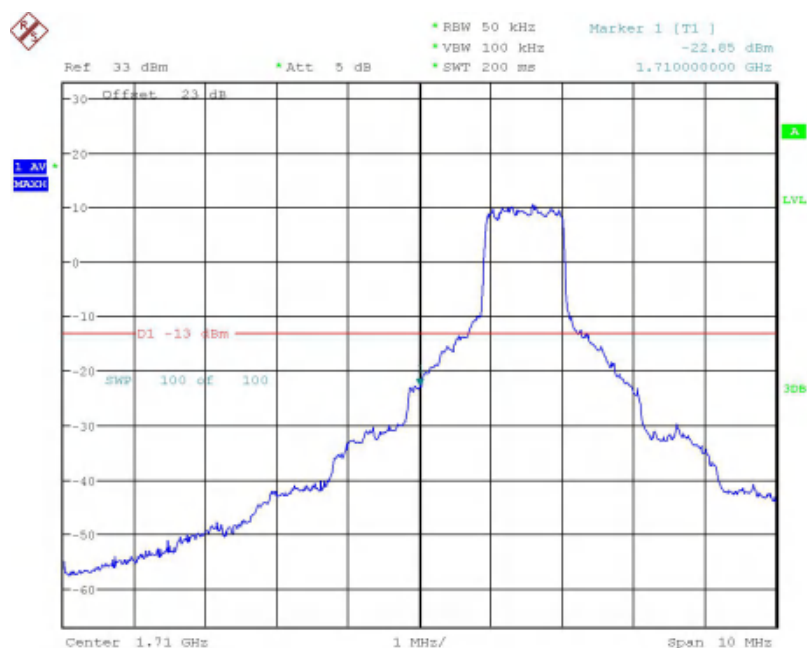
Date: 7.AUG.2018 10:26:24

Band4-Low Channel-15MHz Bandwidth-1RB-QPSK



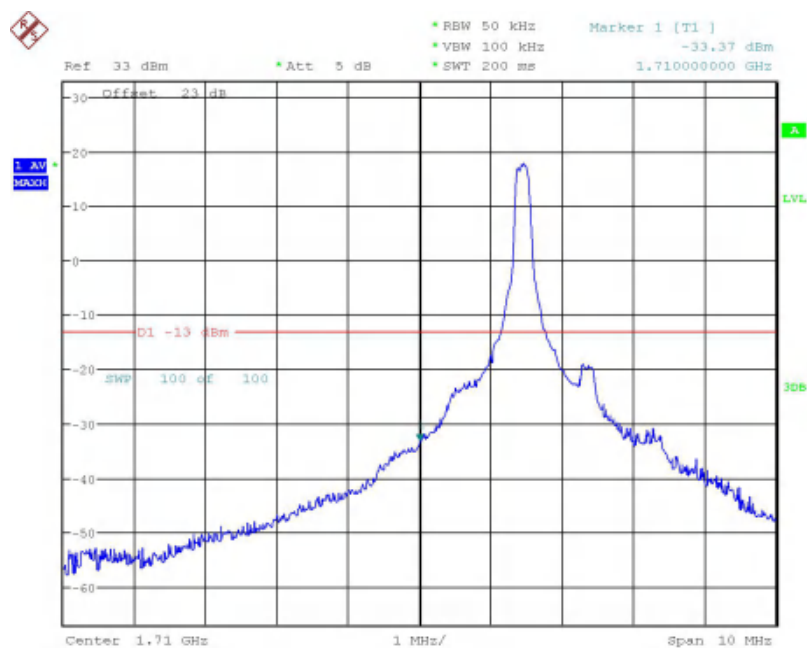
Date: 7.AUG.2018 10:28:21

Band4-Low Channel-15MHz Bandwidth-6RB-16QAM



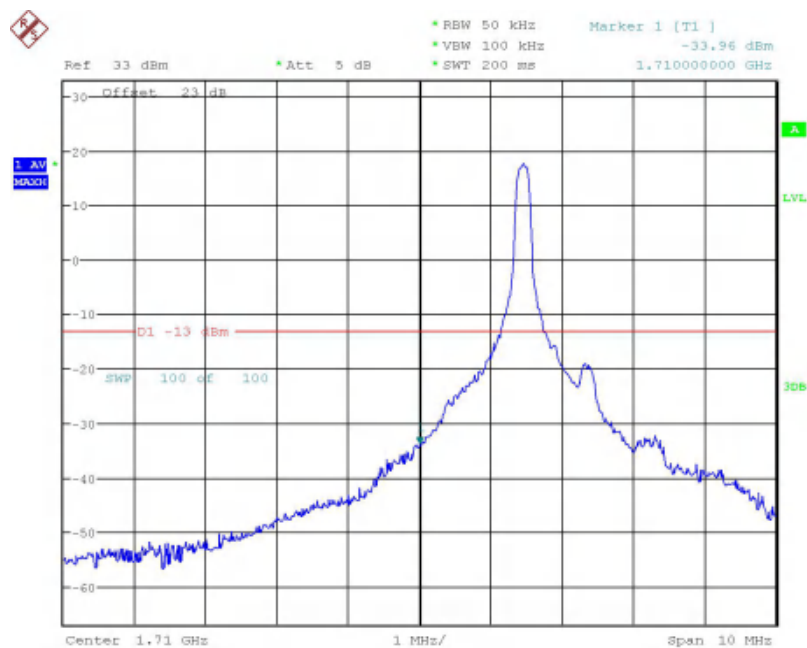
Date: 7.AUG.2018 10:25:46

Band4-Low Channel-15MHz Bandwidth-6RB-QPSK



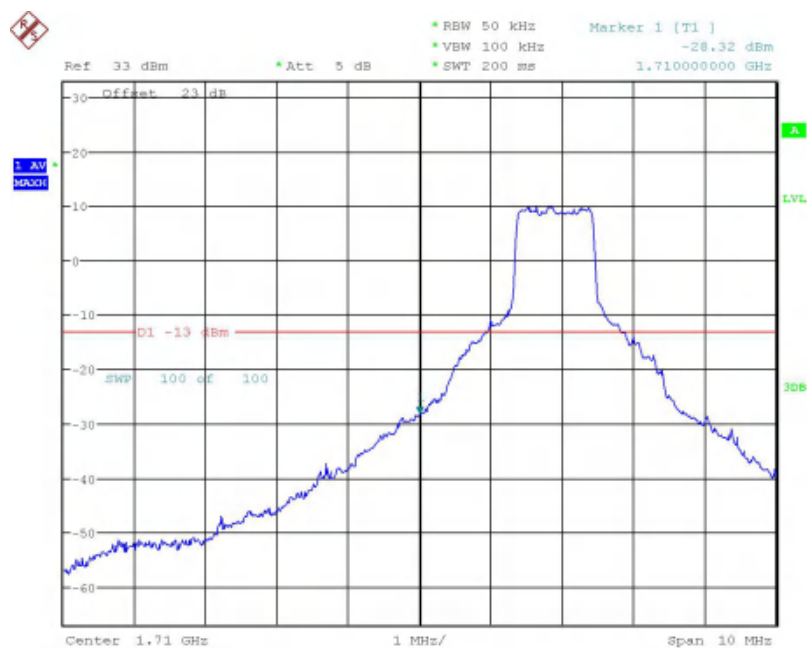
Date: 7.AUG.2018 10:31:45

Band4-Low Channel-20MHz Bandwidth-1RB-16QAM



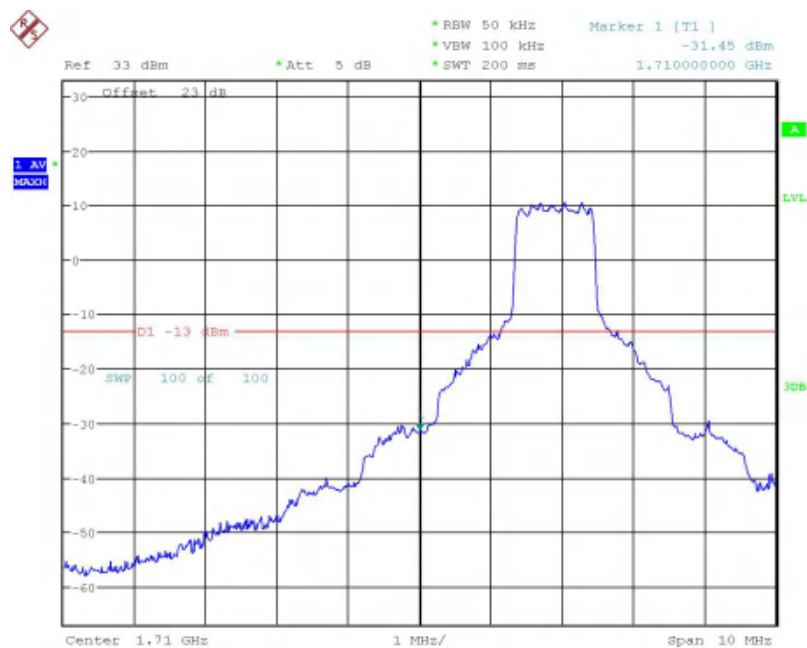
Date: 7.AUG.2018 10:30:47

Band4-Low Channel-20MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 10:32:38

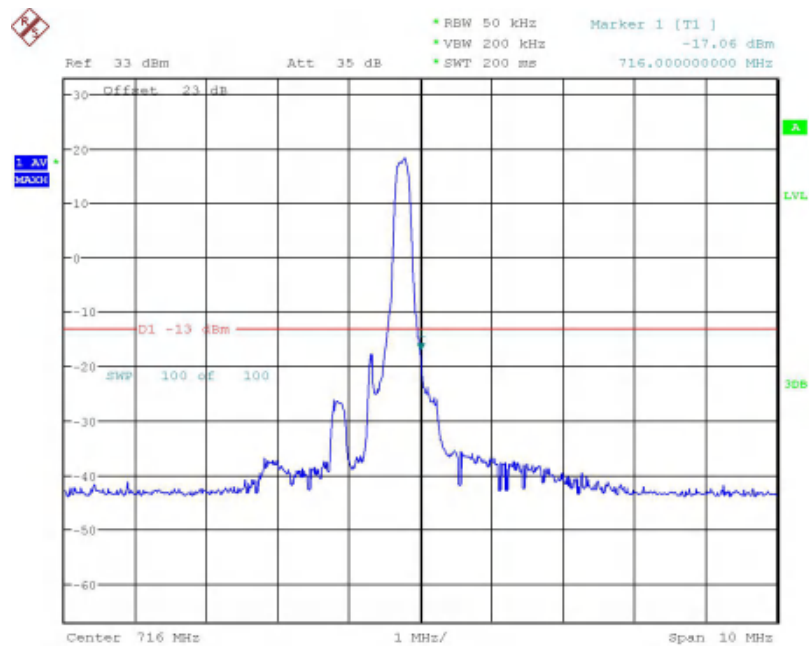
Band4-Low Channel-20MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 10:30:10

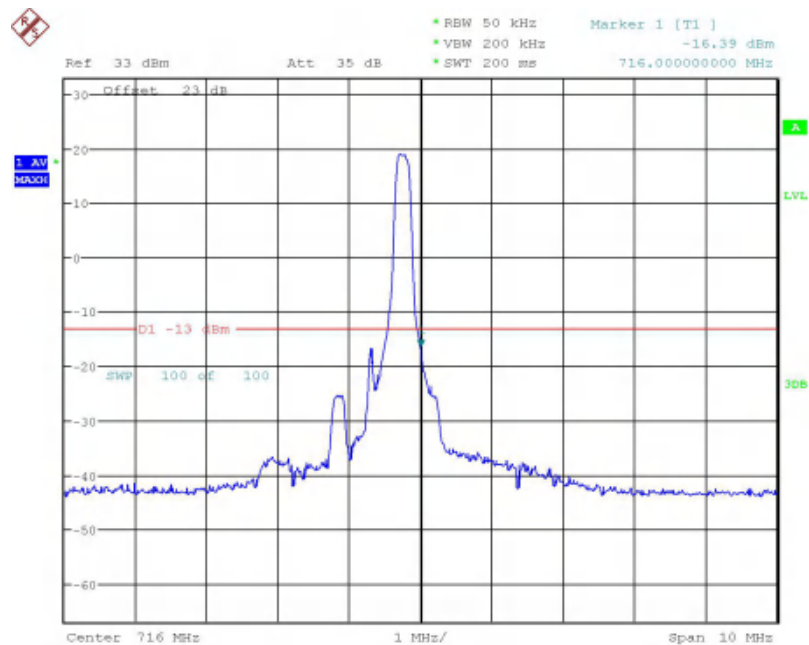
Band4-Low Channel-20MHz Bandwidth-6RB-QPSK

5.5.10 CAT-M Band12 Edge Results



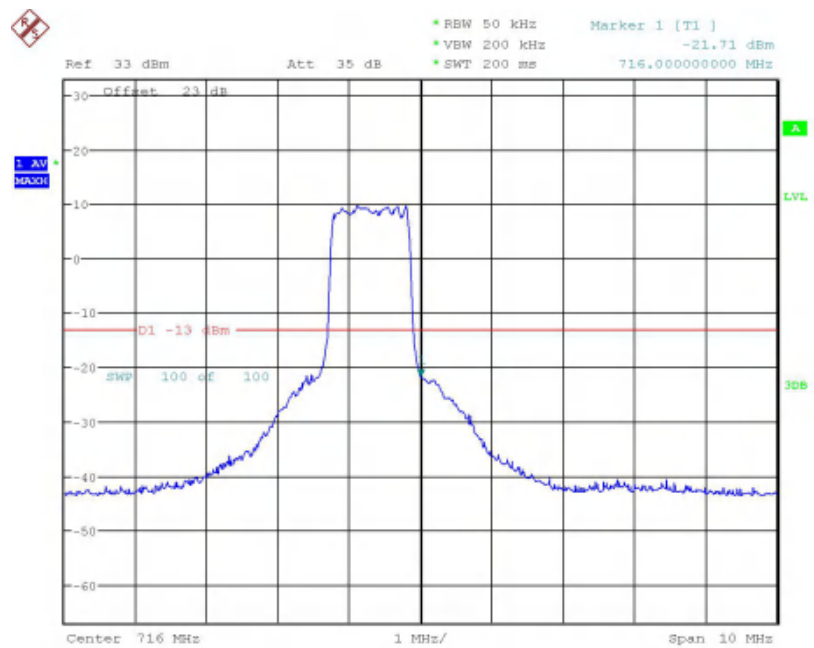
Date: 7.AUG.2018 14:57:52

Band12-High Channel-1.4MHz Bandwidth-1RB-16QAM



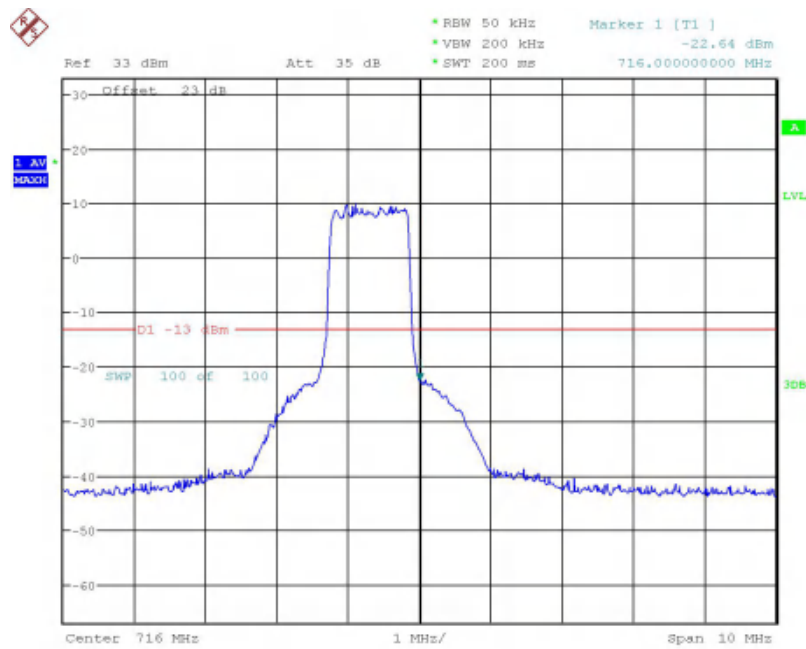
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Band12-High Channel-1.4MHz Bandwidth-1RB-QPSK



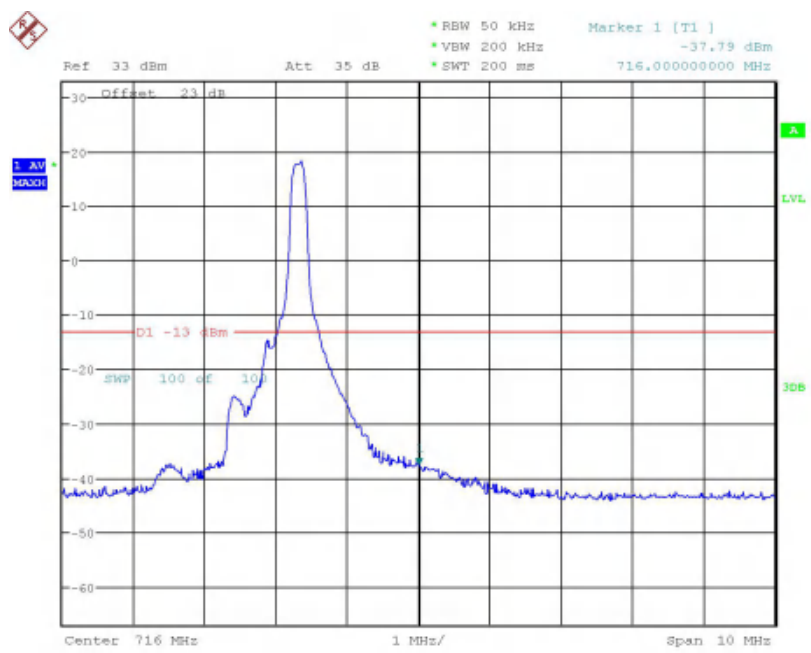
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Band12-High Channel-1.4MHz Bandwidth-6RB-16QAM



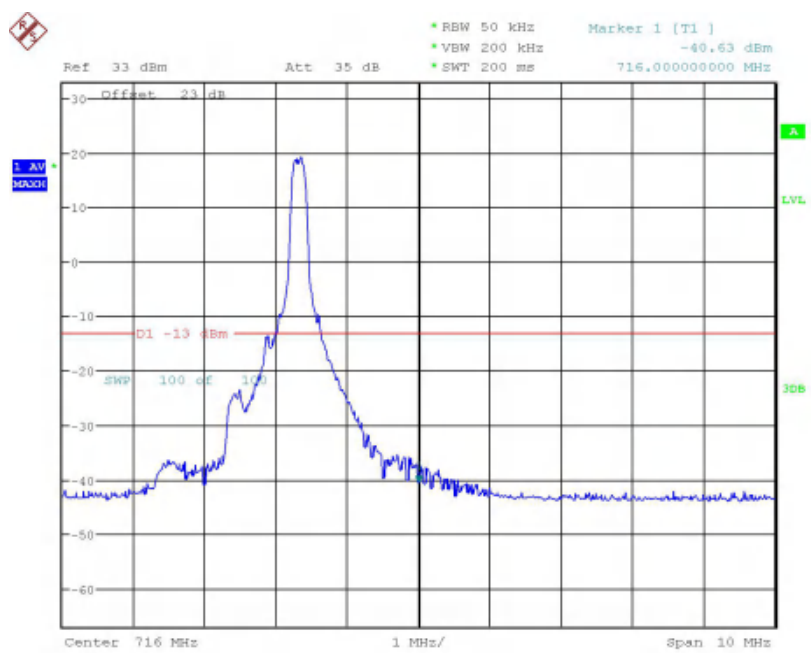
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Band12-High Channel-1.4MHz Bandwidth-6RB-QPSK



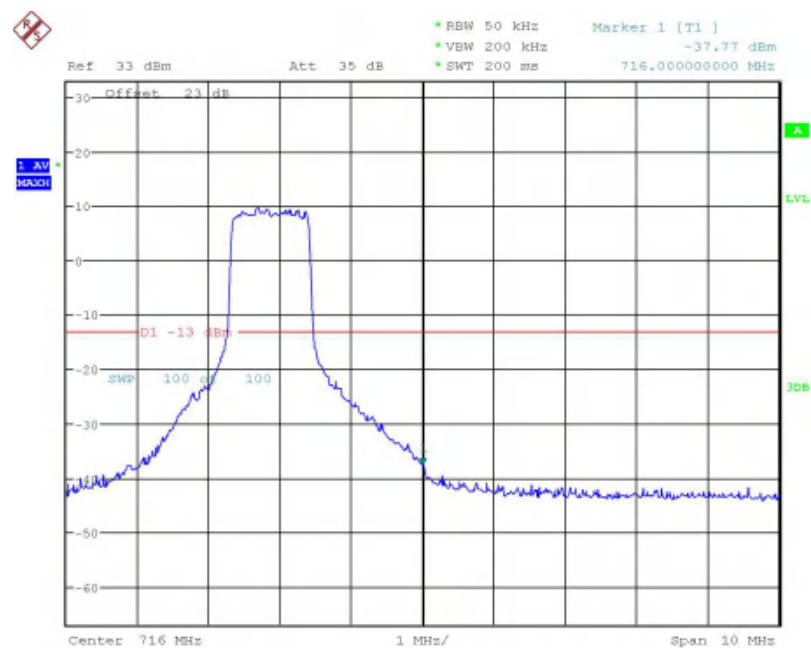
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Band12-High Channel-3MHz Bandwidth-1RB-16QAM



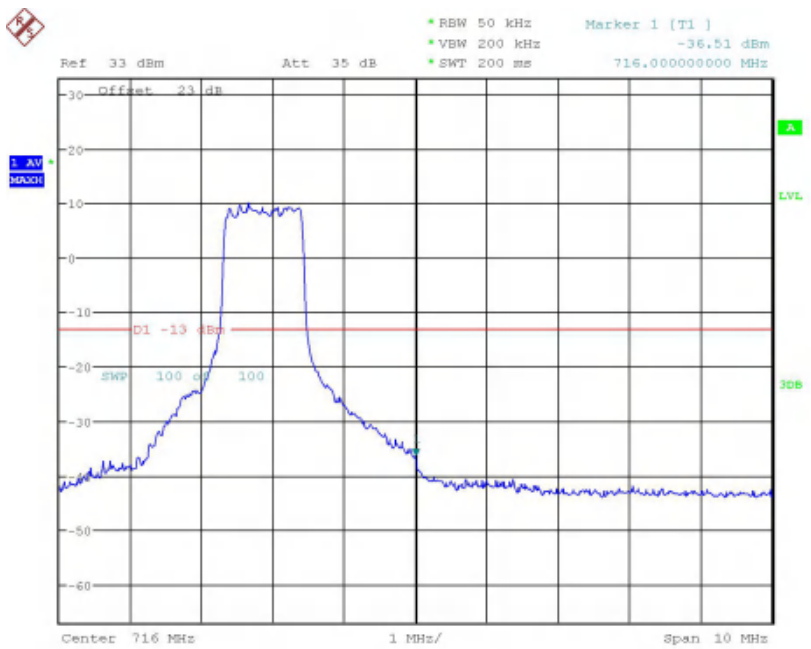
Date: 7.AUG.2018 14:54:40

Band12-High Channel-3MHz Bandwidth-1RB-QPSK



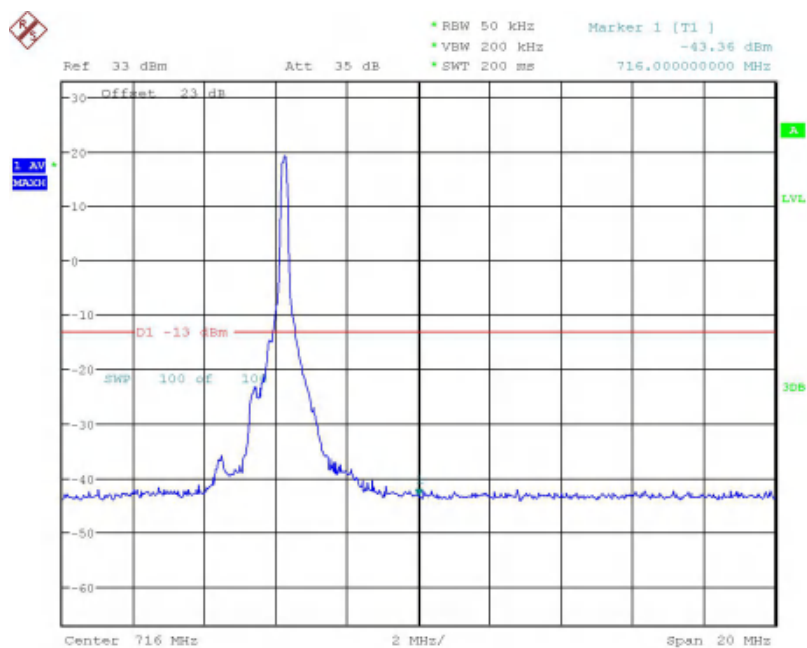
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Band12-High Channel-3MHz Bandwidth-6RB-16QAM



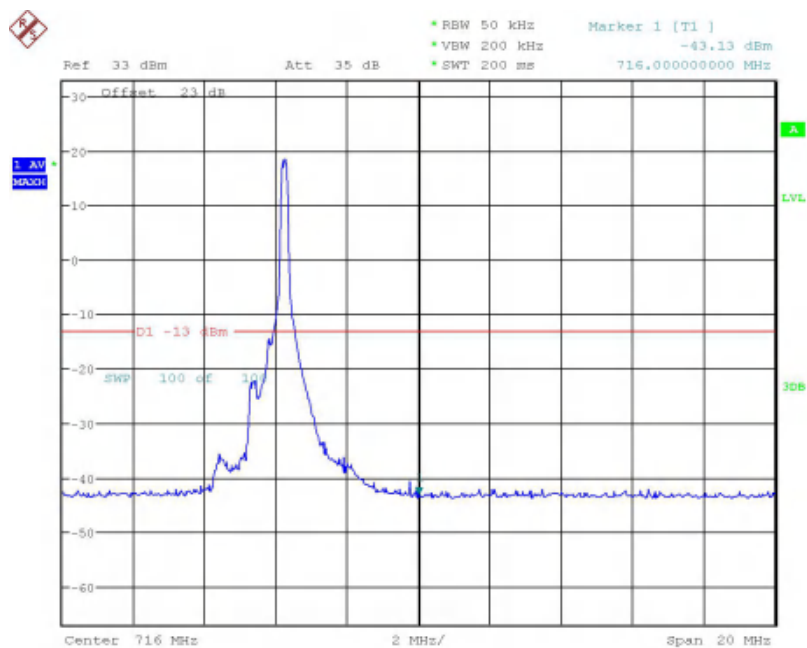
Date: 7.AUG.2018 14:53:56

Band12-High Channel-3MHz Bandwidth-6RB-QPSK



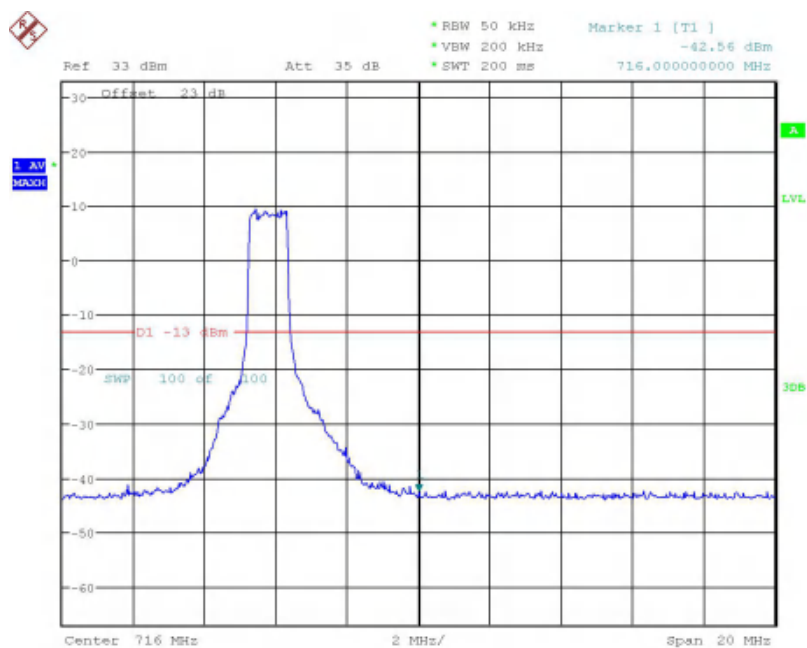
Date: 7.AUG.2018 14:48:41

Band12-High Channel-5MHz Bandwidth-1RB-16QAM



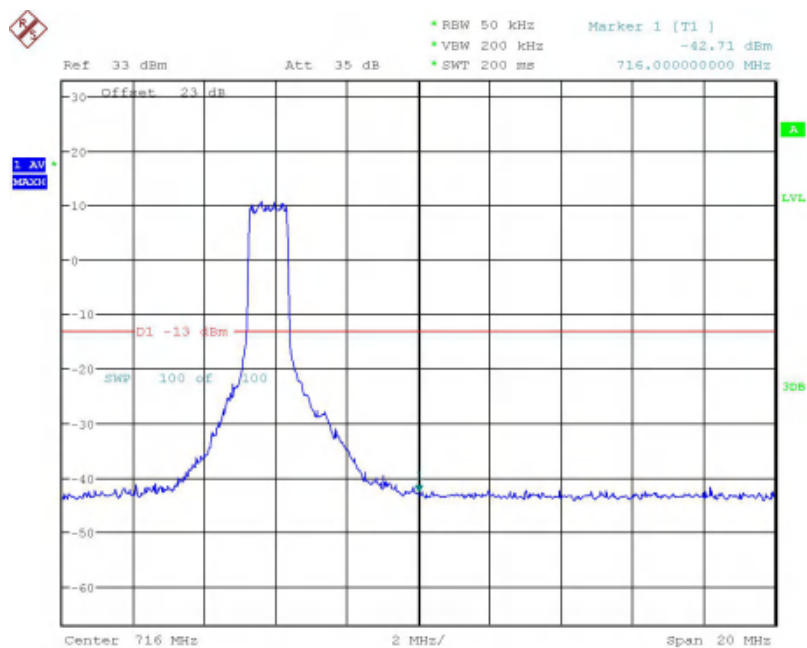
Date: 7.AUG.2018 14:51:27

Band12-High Channel-5MHz Bandwidth-1RB-QPSK



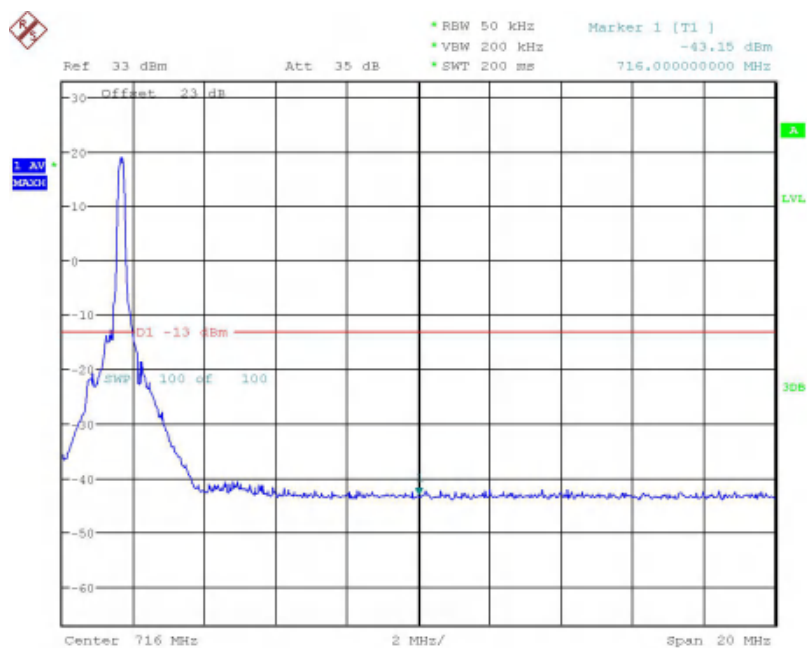
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Band12-High Channel-5MHz Bandwidth-6RB-16QAM



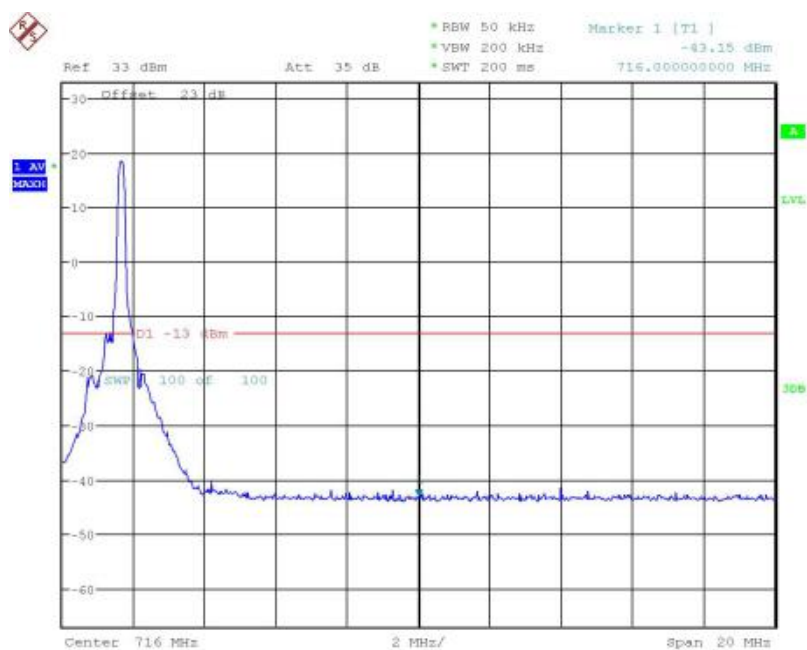
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Band12-High Channel-5MHz Bandwidth-6RB-QPSK



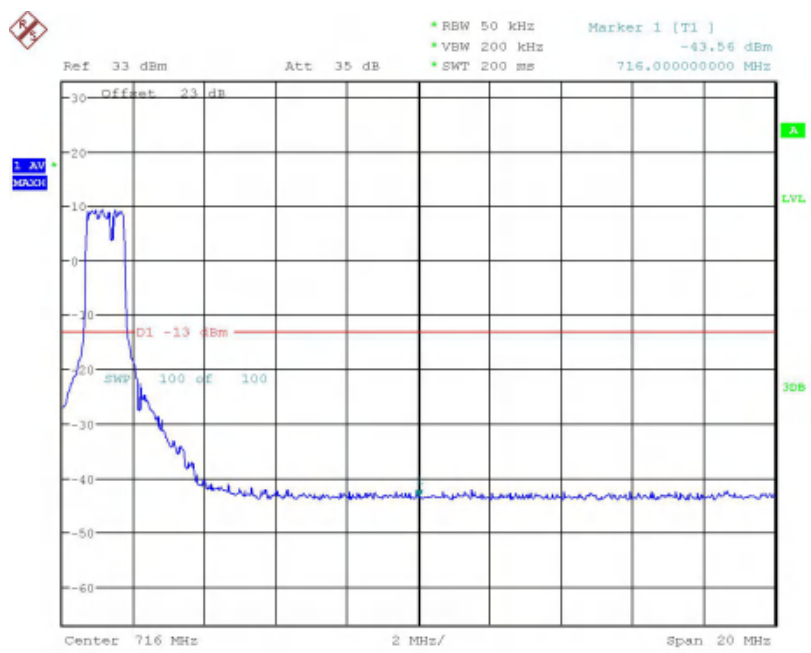
Date: 7.AUG.2018 14:45:52

Band12-High Channel-10MHz Bandwidth-1RB-16QAM



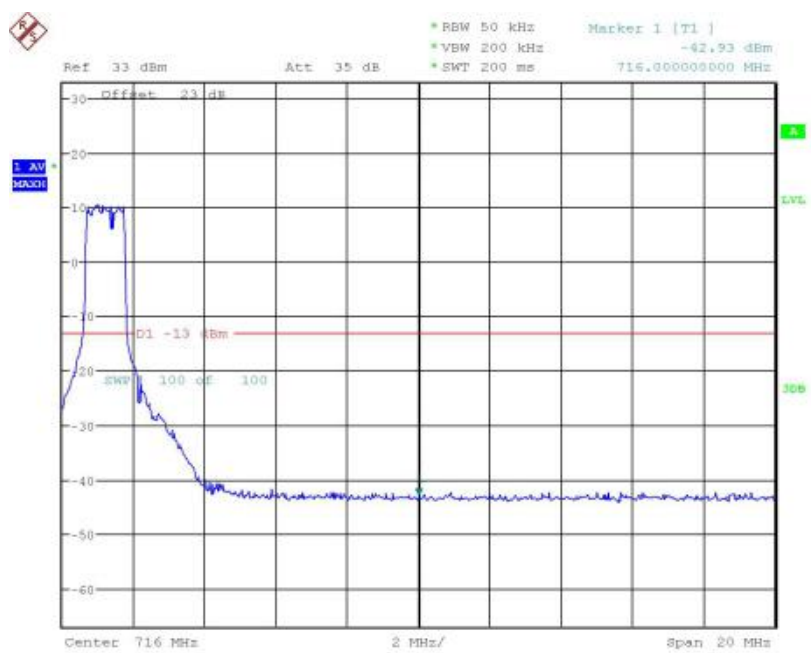
Date: 7.AUG.2018 14:45:03

Band12-High Channel-10MHz Bandwidth-1RB-QPSK



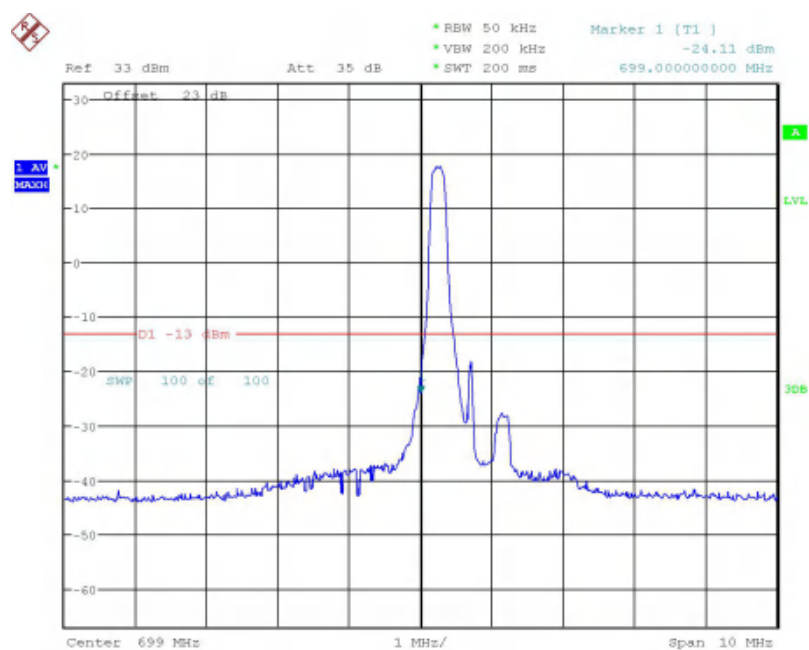
Date: 7.AUG.2018 14:46:31

Band12-High Channel-10MHz Bandwidth-6RB-16QAM



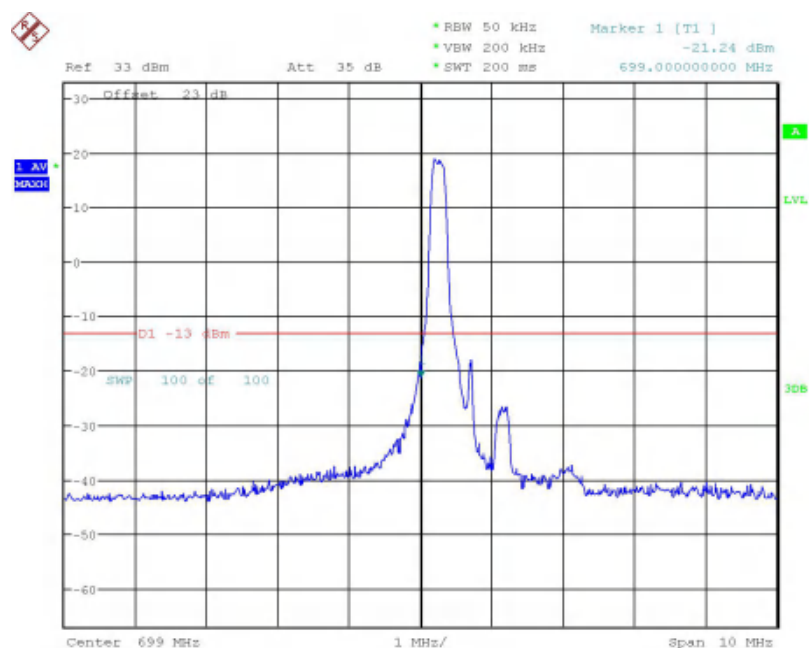
Date: 7.AUG.2018 14:44:14

Band12-High Channel-10MHz Bandwidth-6RB-QPSK



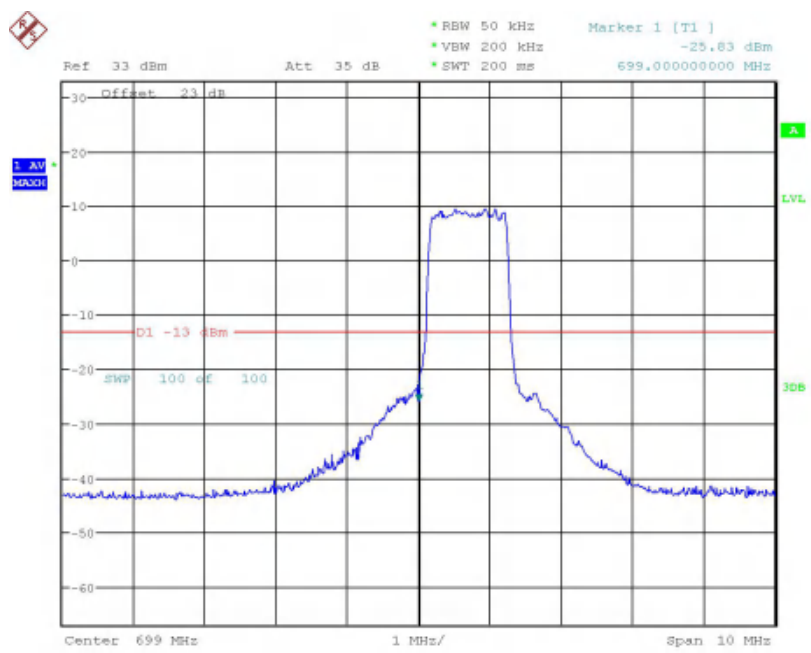
Date: 7.AUG.2018 14:29:26

Band12-Low Channel-1.4MHz Bandwidth-1RB-16QAM



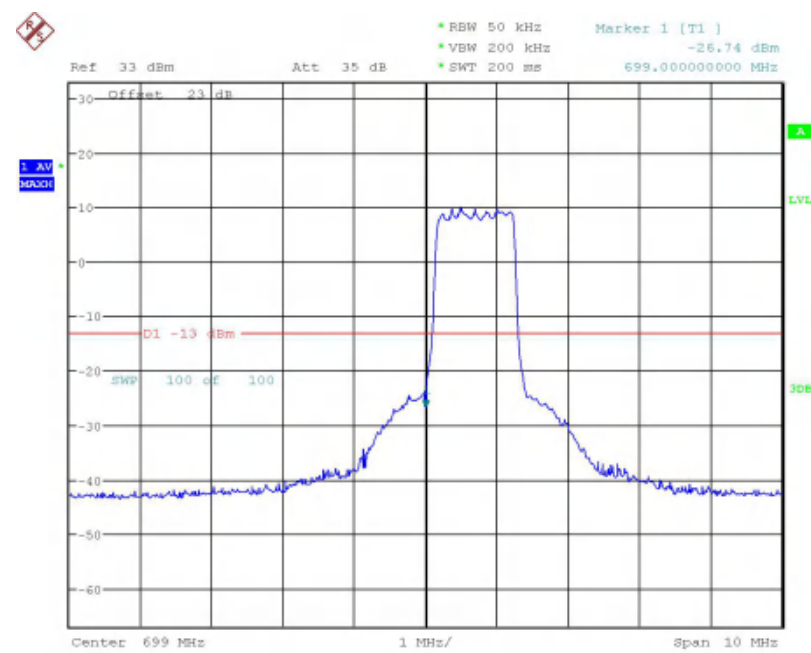
Date: 7.AUG.2018 14:29:41

Band12-Low Channel-1.4MHz Bandwidth-1RB-QPSK



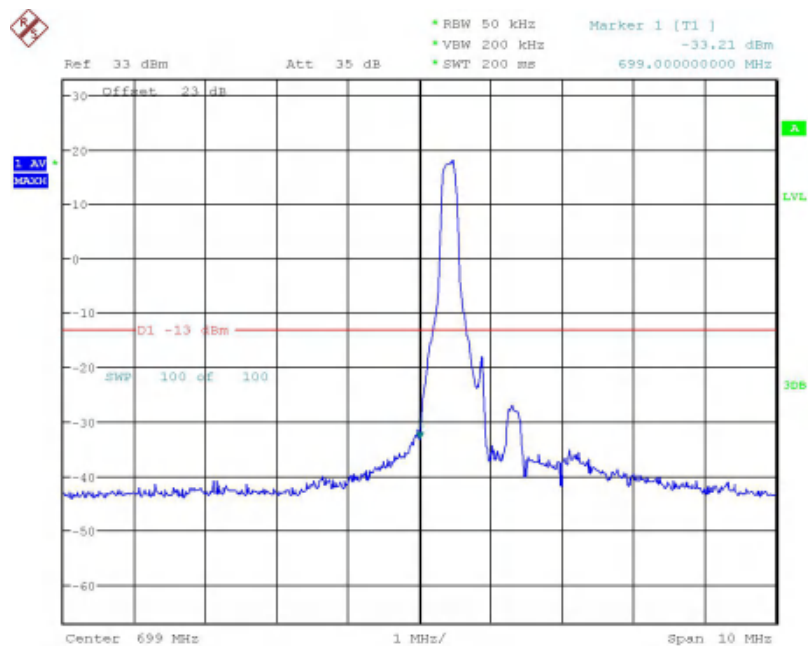
Date: 7.AUG.2018 14:30:15

Band12-Low Channel-1.4MHz Bandwidth-6RB-16QAM



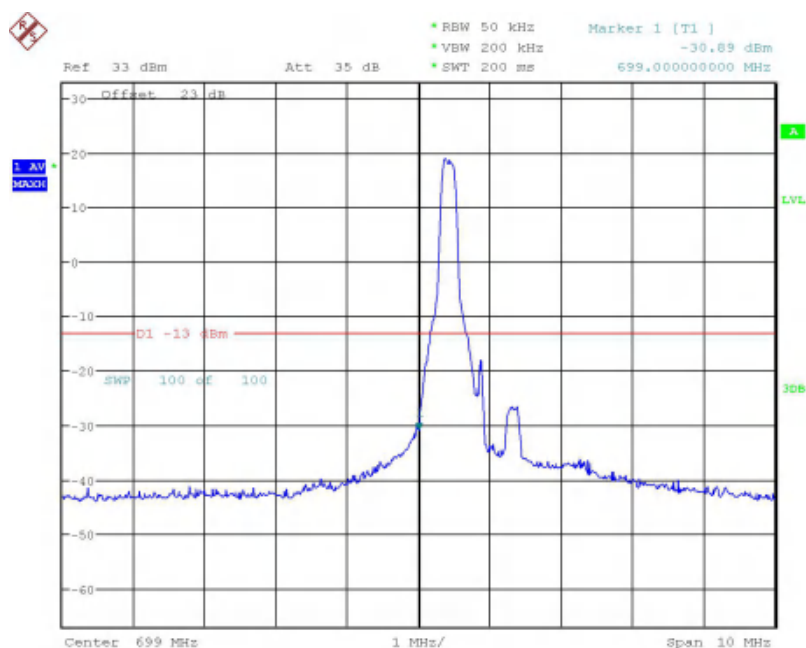
Date: 7.AUG.2018 14:27:50

Band12-Low Channel-1.4MHz Bandwidth-6RB-QPSK



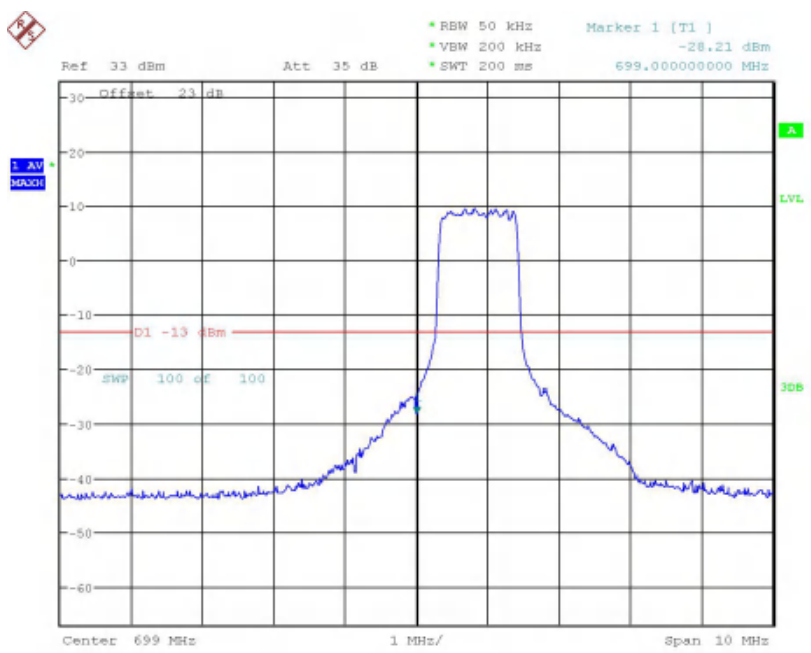
Date: 7.AUG.2018 14:33:01

Band12-Low Channel-3MHz Bandwidth-1RB-16QAM



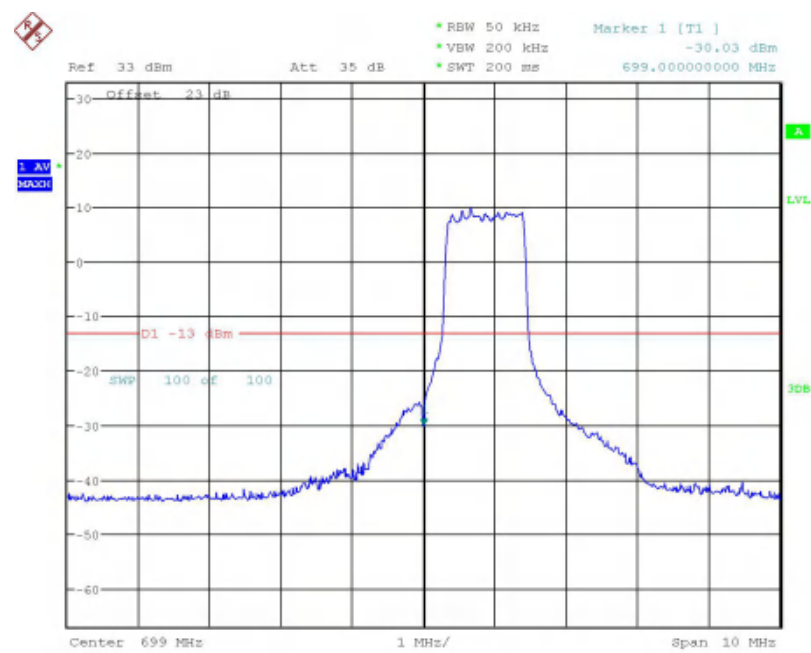
Date: 7.AUG.2018 14:33:56

Band12-Low Channel-3MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 14:31:59

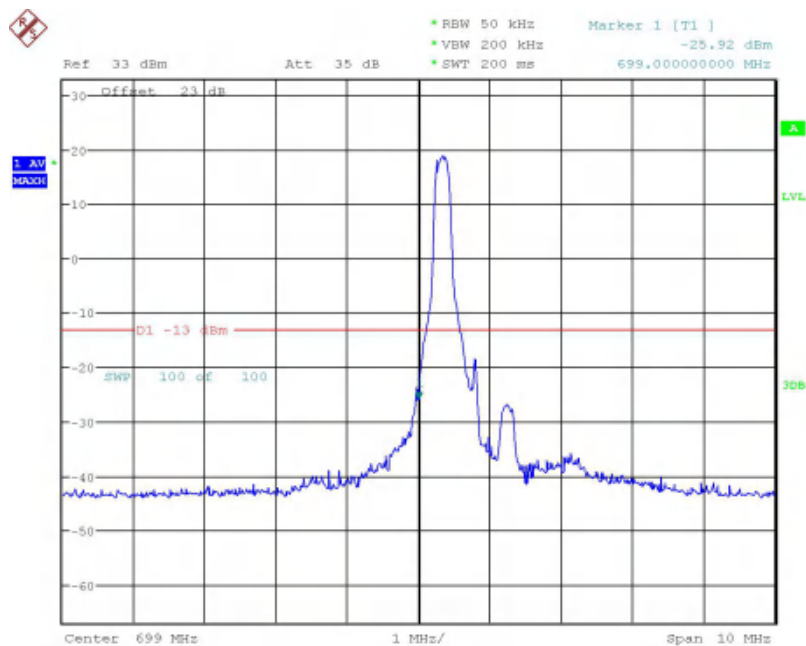
Band12-Low Channel-3MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 14:34:39

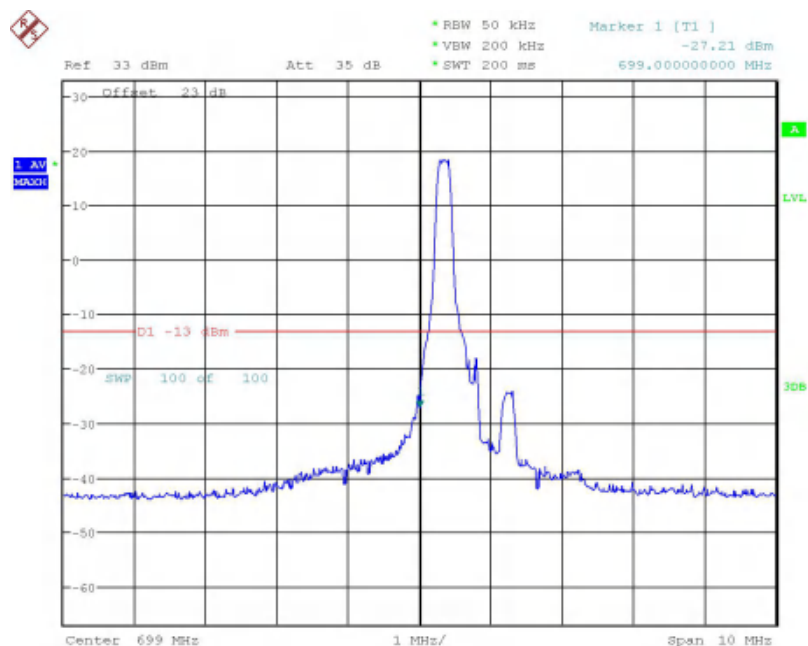
Band12-Low Channel-3MHz Bandwidth-6RB-QPSK

Report No.:B18W50279_Rev3



Date: 7.AUG.2018 14:37:24

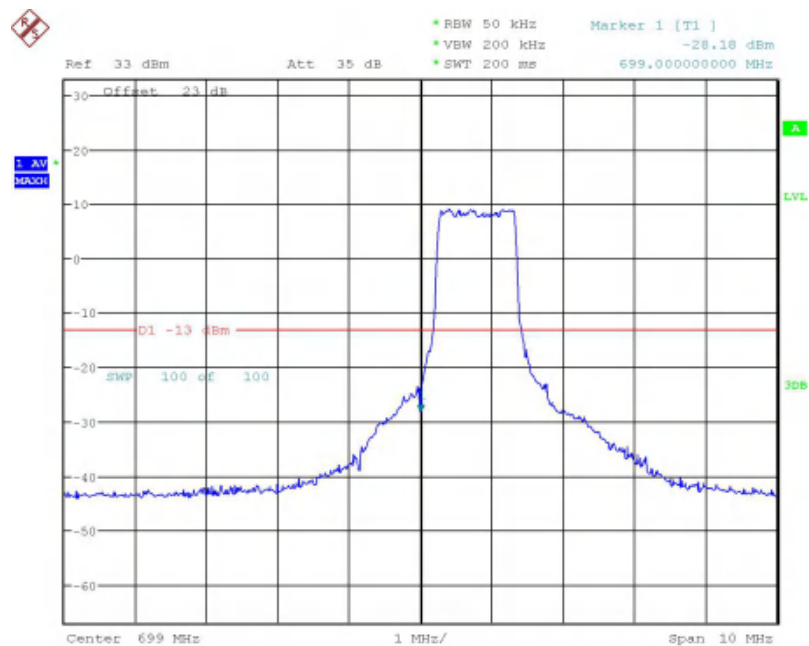
Band12-Low Channel-5MHz Bandwidth-1RB-16QAM



Date: 7.AUG.2018 14:36:43

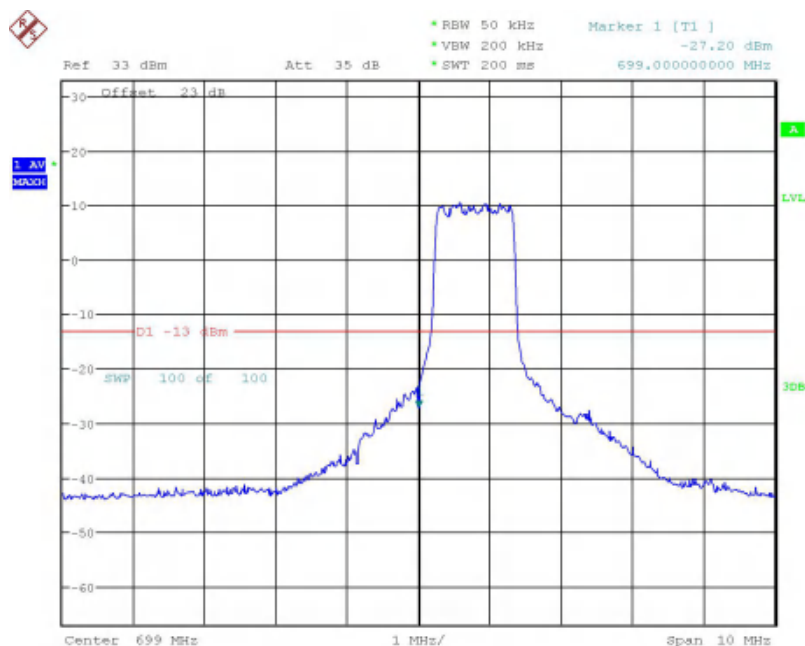
Band12-Low Channel-5MHz Bandwidth-1RB-QPSK

Report No.:B18W50279_Rev3



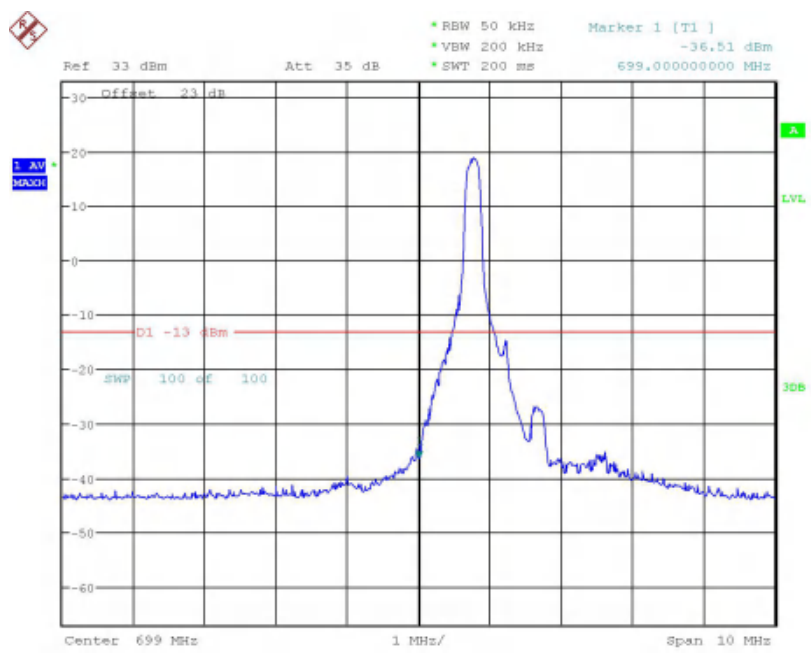
Date: 7.AUG.2018 14:38:10

Band12-Low Channel-5MHz Bandwidth-6RB-16QAM



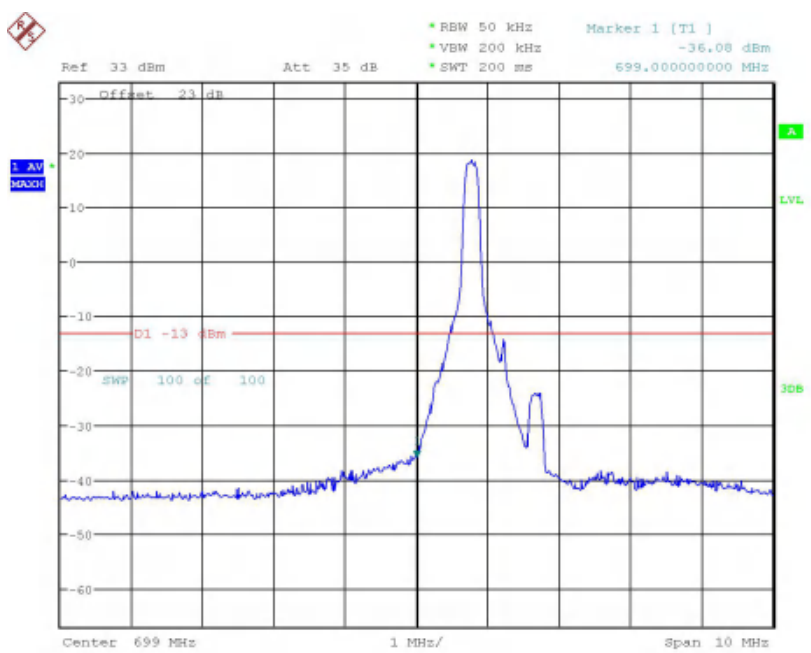
Date: 7.AUG.2018 14:35:59

Band12-Low Channel-5MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 14:40:30

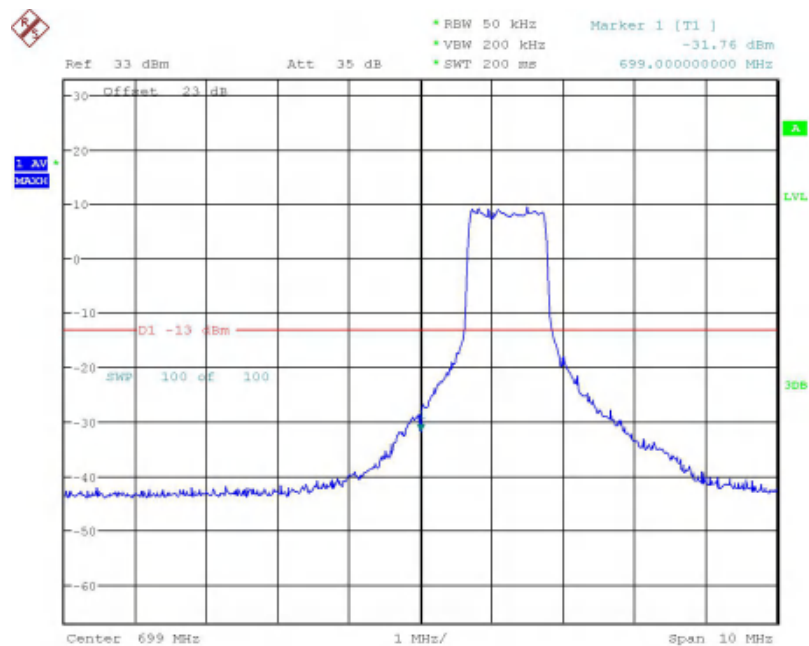
Band12-Low Channel-10MHz Bandwidth-1RB-16QAM



Date: 7.AUG.2018 14:41:16

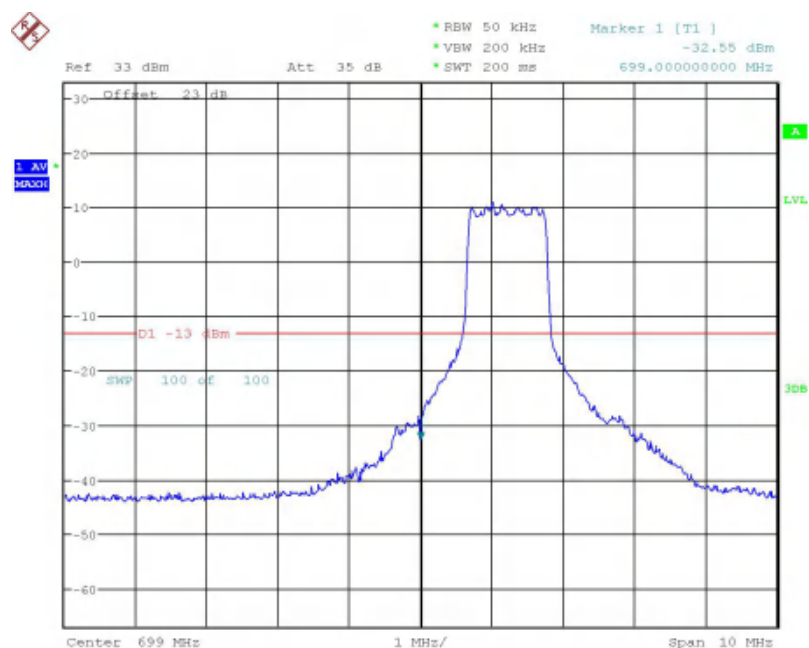
Band12-Low Channel-10MHz Bandwidth-1RB-QPSK

Report No.:B18W50279_Rev3



Date: 7.AUG.2018 14:39:51

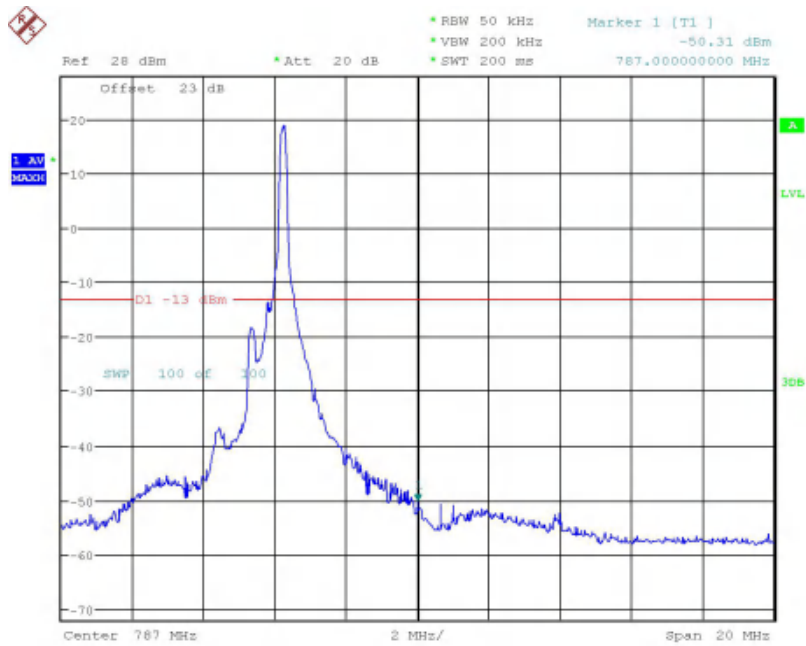
Band12-Low Channel-10MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 14:41:58

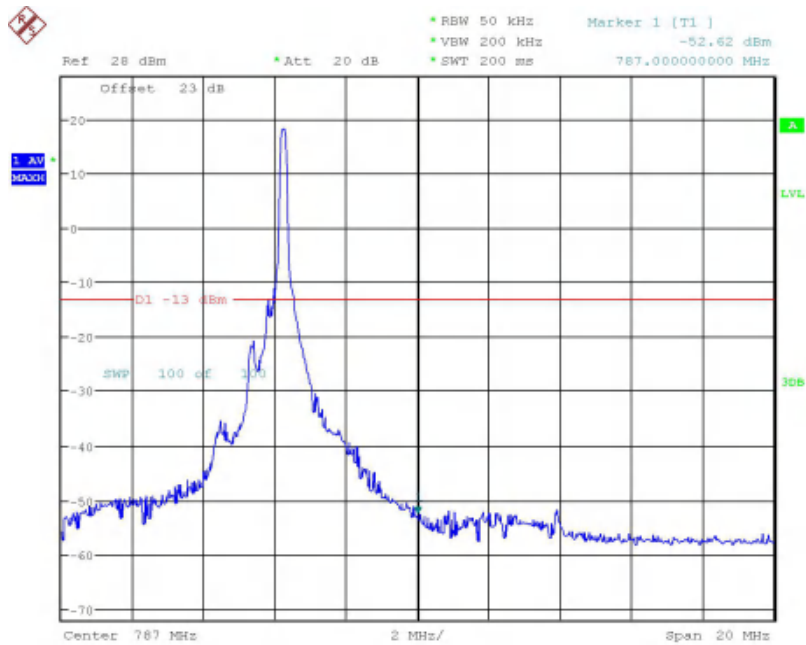
Band12-Low Channel-10MHz Bandwidth-6RB-QPSK

5.5.11 CAT-M Band13 Edge Results



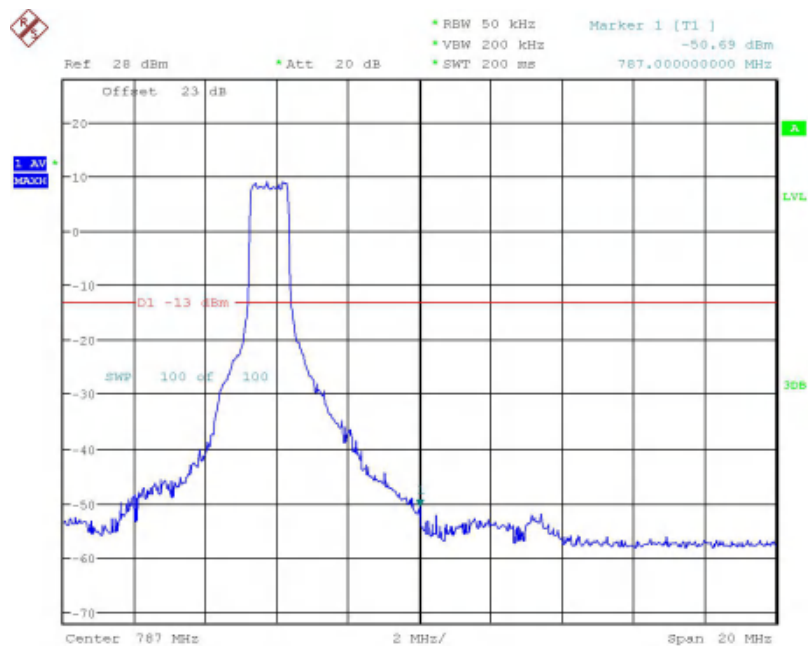
Date: 7.AUG.2018 16:07:02

Band13-High Channel-5MHz Bandwidth-1RB-16QAM



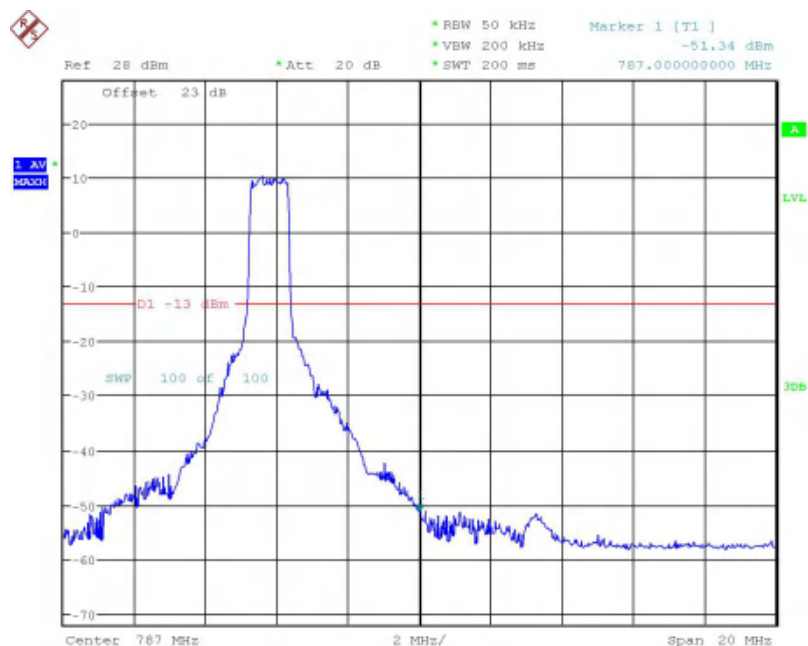
Date: 7.AUG.2018 16:07:36

Band13-High Channel-5MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 16:06:10

Band13-High Channel-5MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 16:08:13

Band13-High Channel-5MHz Bandwidth-6RB-QPSK