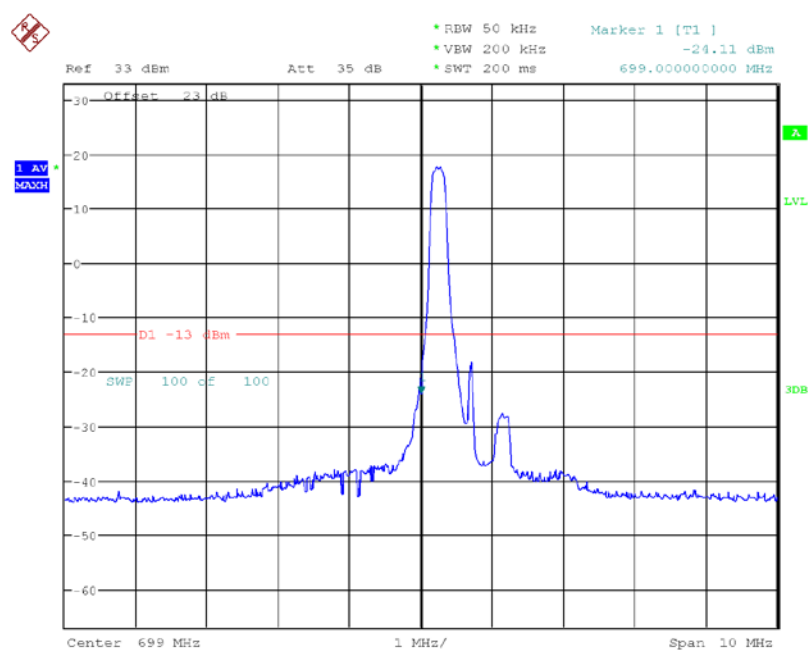
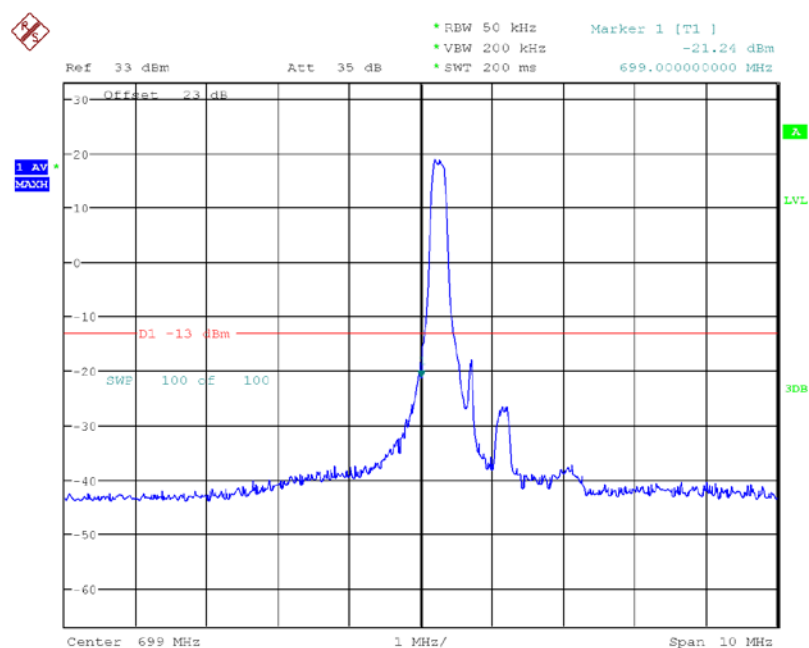


Report No.:B18W50279



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

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



Date: 7.AUG.2018 14:28:41

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

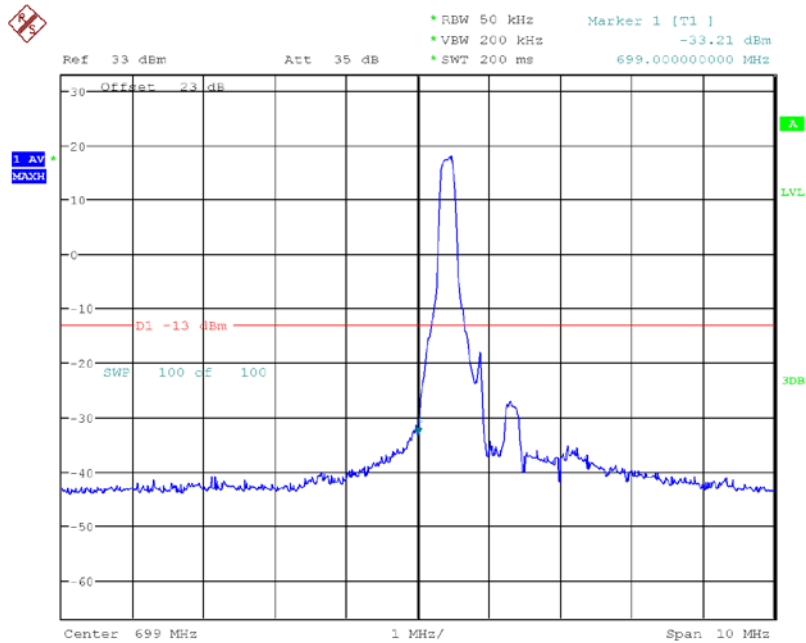
Date: 7.AUG.2018 14:30:15

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

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

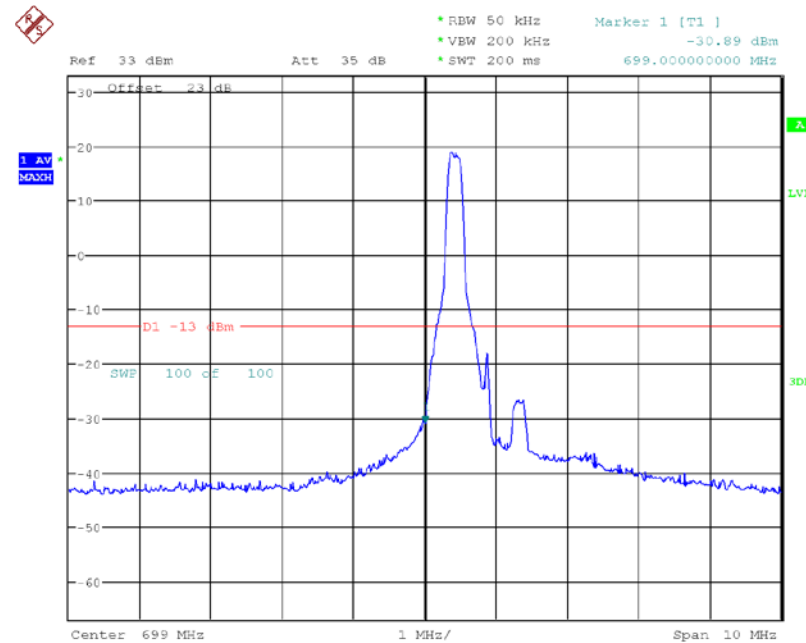
Band12-Low Channel-1.4MHz Bandwidth-6RB-QPSK

Report No.:B18W50279



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

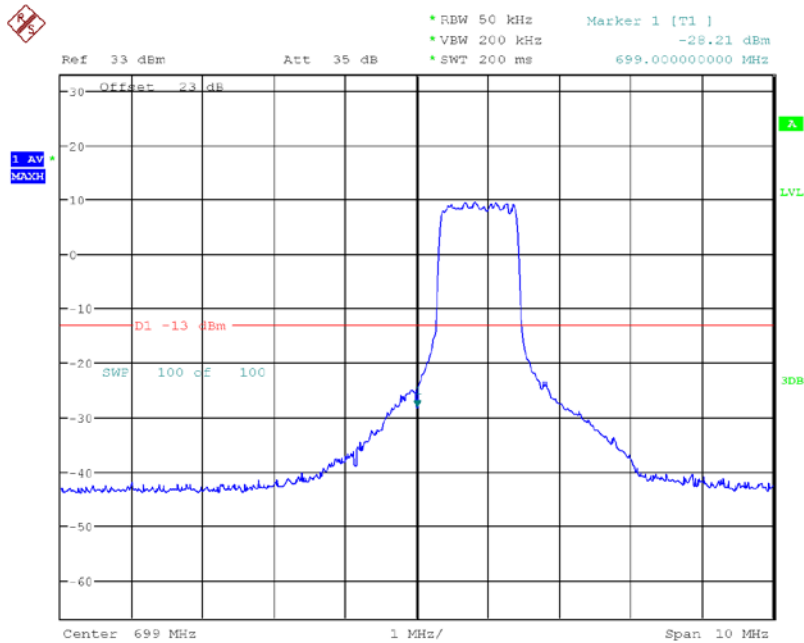
Band12-Low Channel-3MHz Bandwidth-1RB-16QAM



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

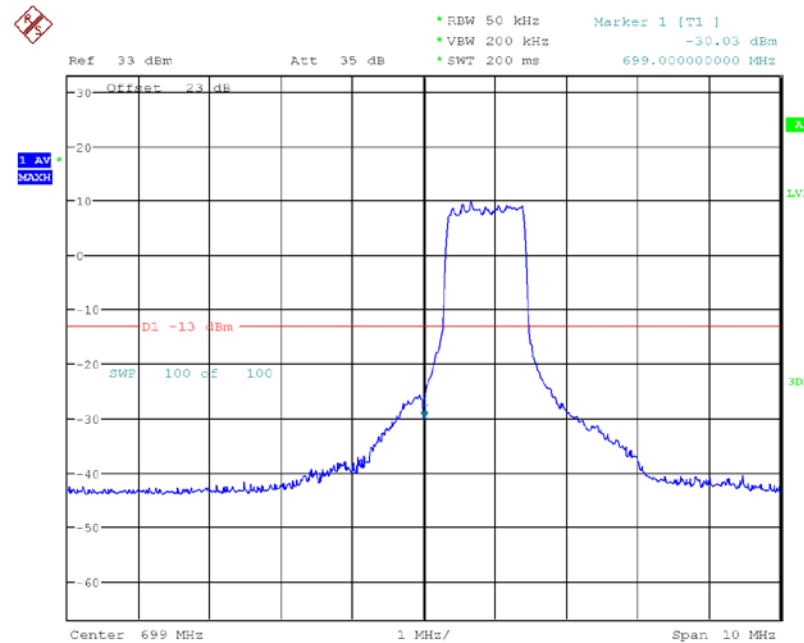
Band12-Low Channel-3MHz Bandwidth-1RB-QPSK

Report No.:B18W50279



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

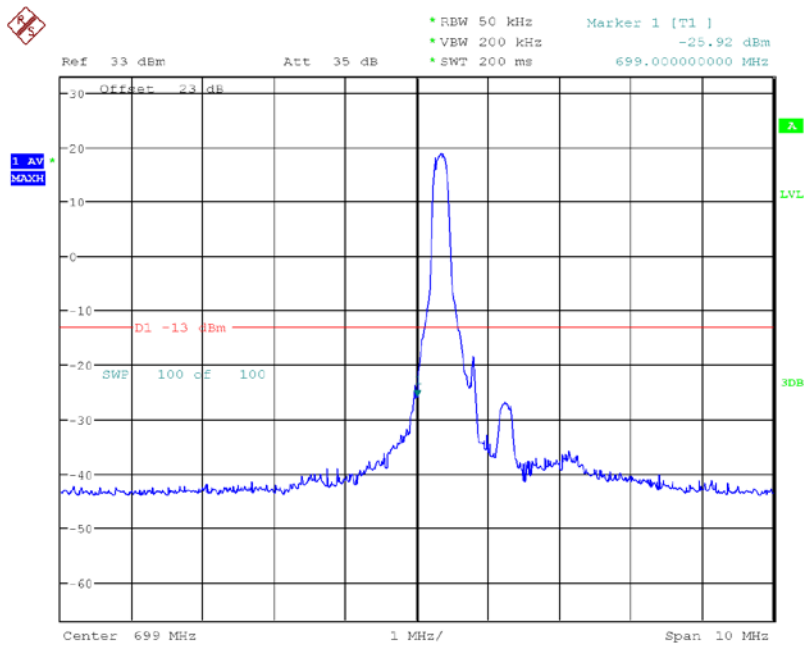
Band12-Low Channel-3MHz Bandwidth-6RB-16QAM



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

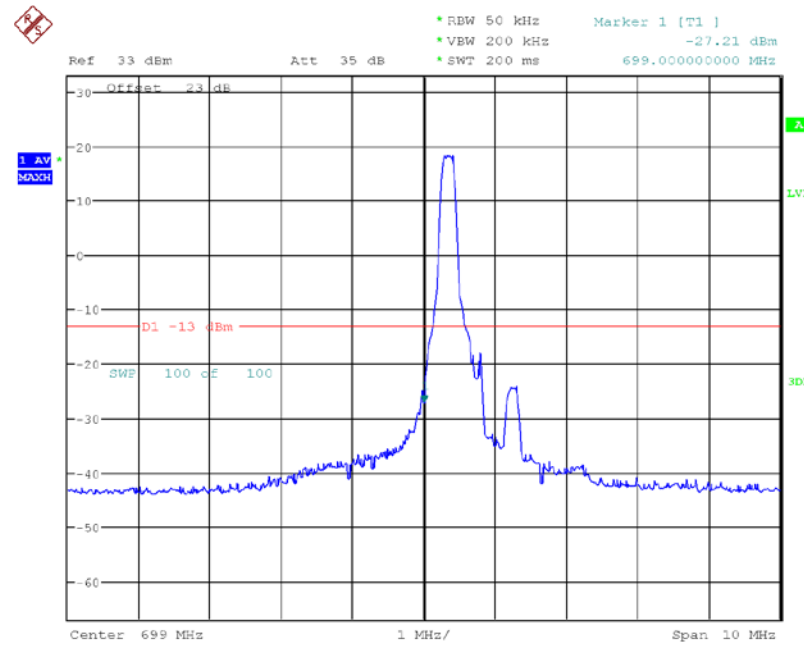
Band12-Low Channel-3MHz Bandwidth-6RB-QPSK

Report No.:B18W50279



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

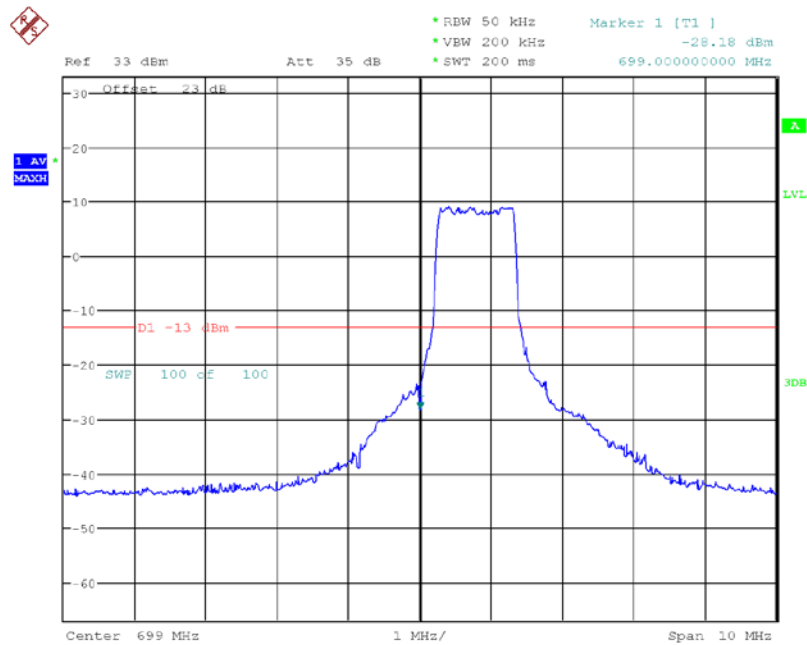
Band12-Low Channel-5MHz Bandwidth-1RB-16QAM



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

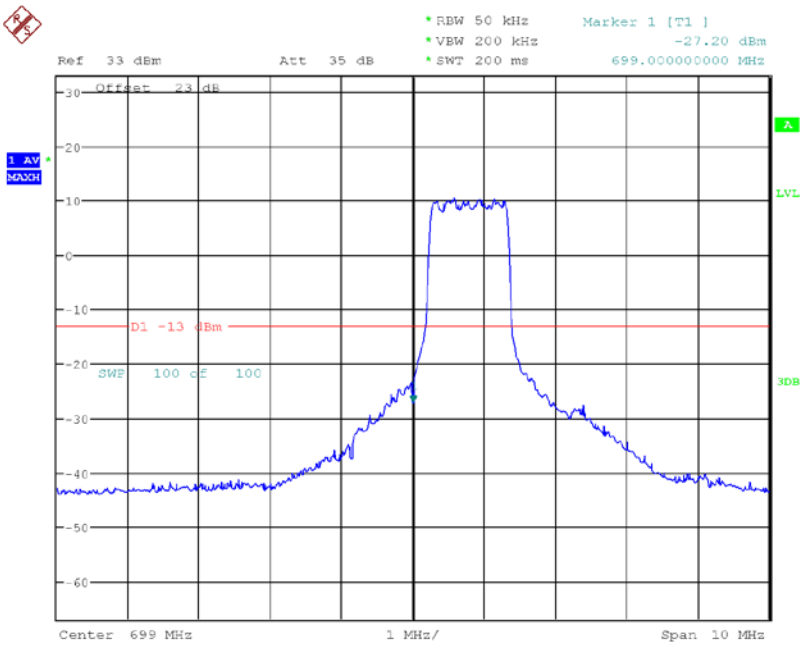
Band12-Low Channel-5MHz Bandwidth-1RB-QPSK

Report No.:B18W50279



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

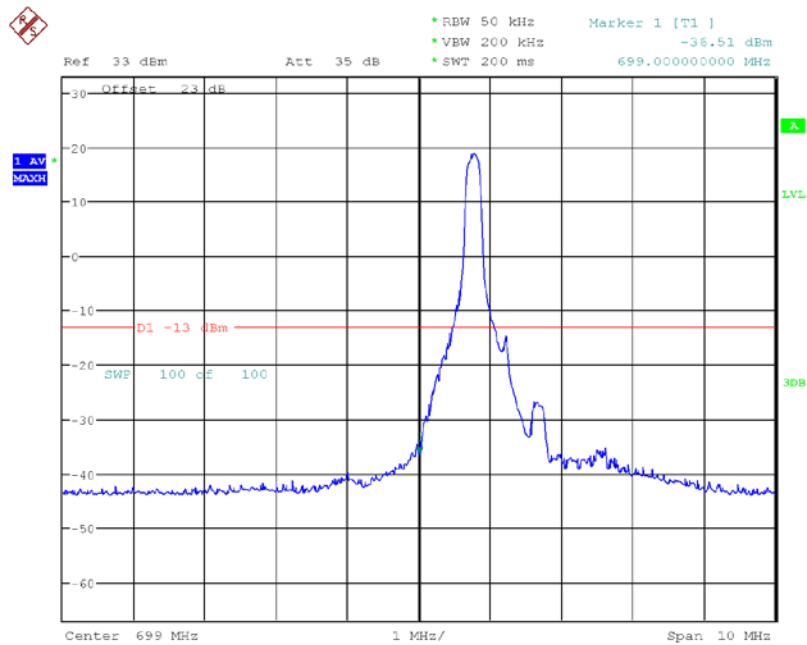
Band12-Low Channel-5MHz Bandwidth-6RB-16QAM



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

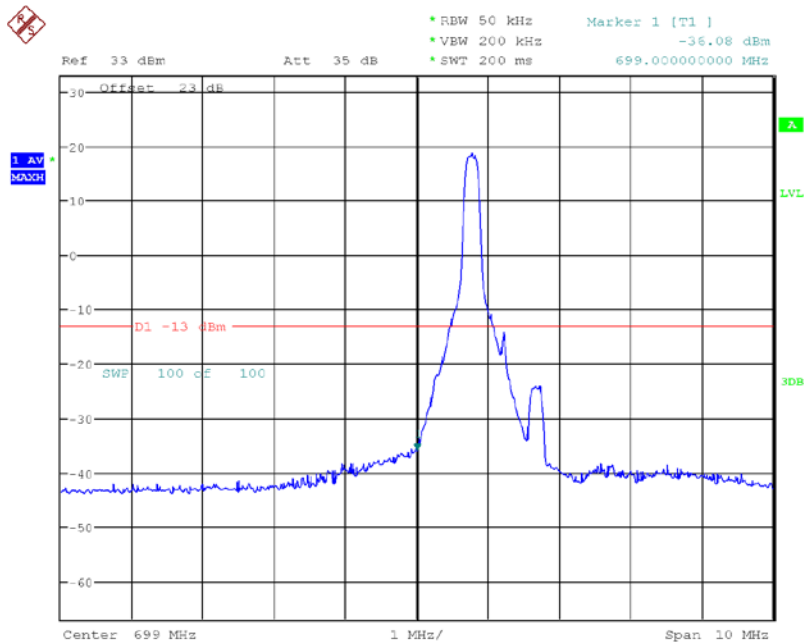
Band12-Low Channel-5MHz Bandwidth-6RB-QPSK

Report No.:B18W50279



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

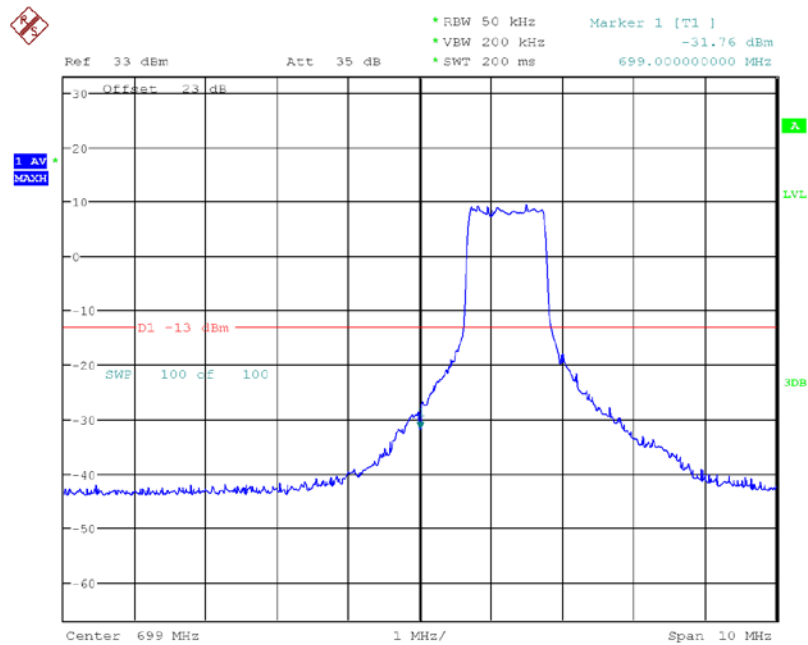
Band12-Low Channel-10MHz Bandwidth-1RB-16QAM



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

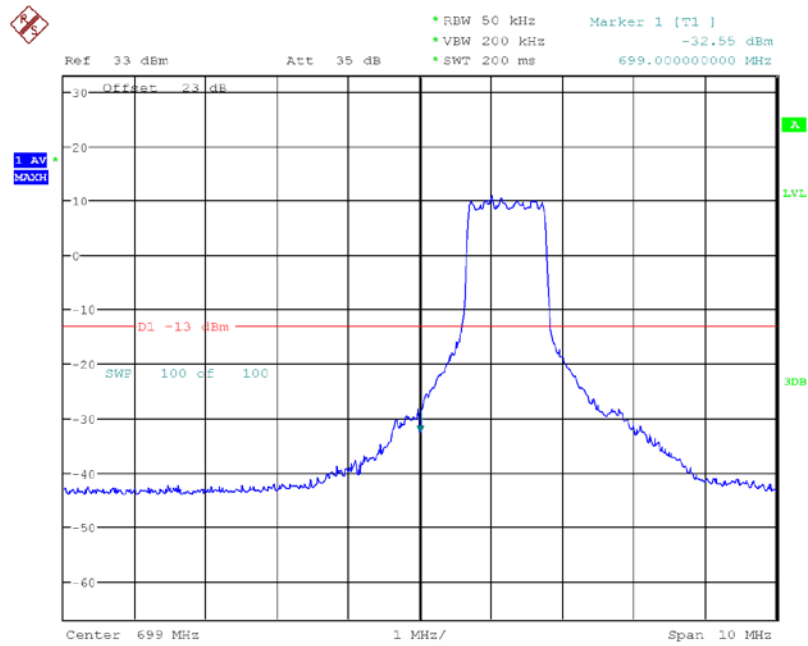
Band12-Low Channel-10MHz Bandwidth-1RB-QPSK

Report No.:B18W50279



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

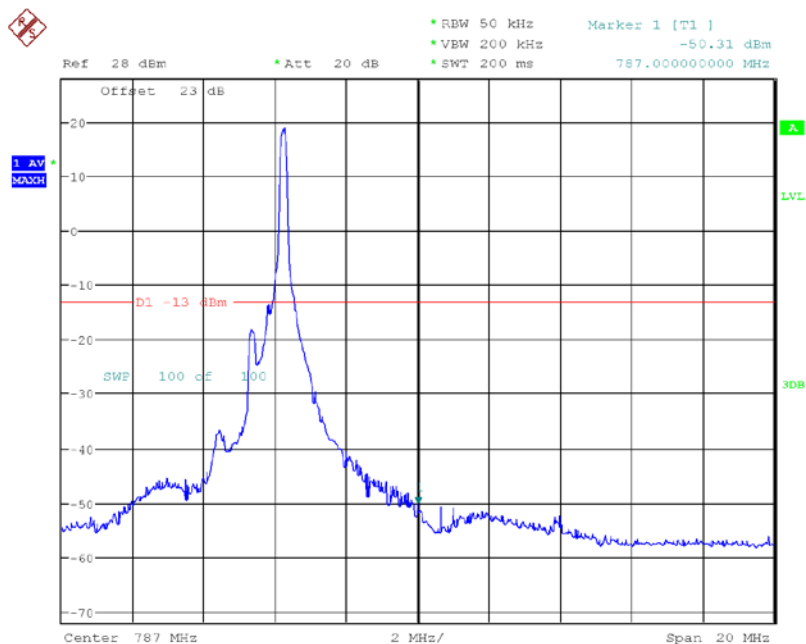
Band12-Low Channel-10MHz Bandwidth-6RB-16QAM



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

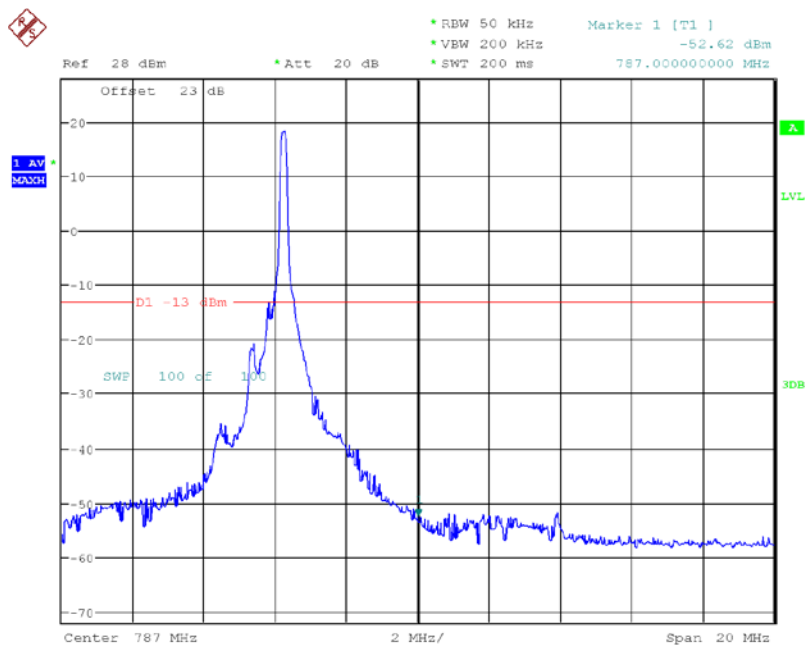
Band12-Low Channel-10MHz Bandwidth-6RB-QPSK

5.5.11 CAT-M Band13 Edge Results



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

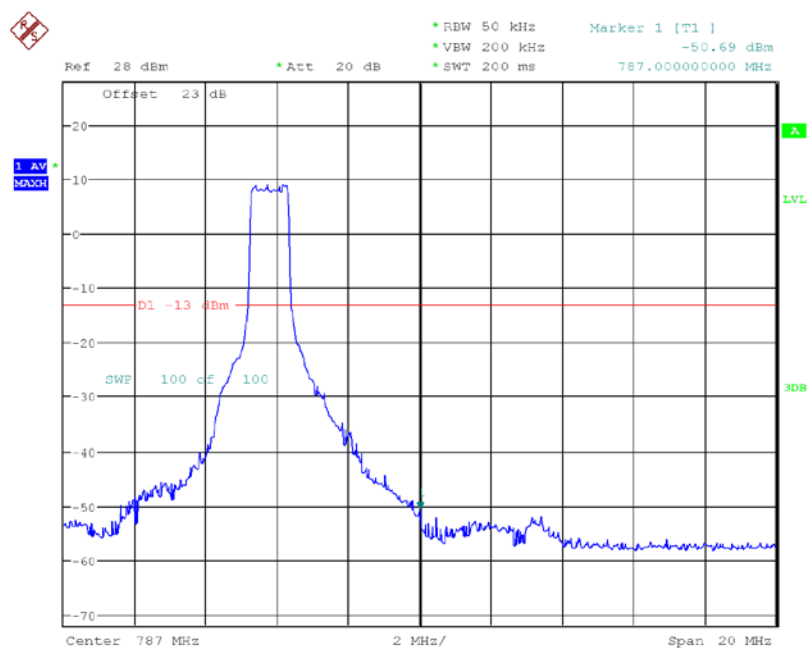
Band13-High Channel-5MHz Bandwidth-1RB-16QAM



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

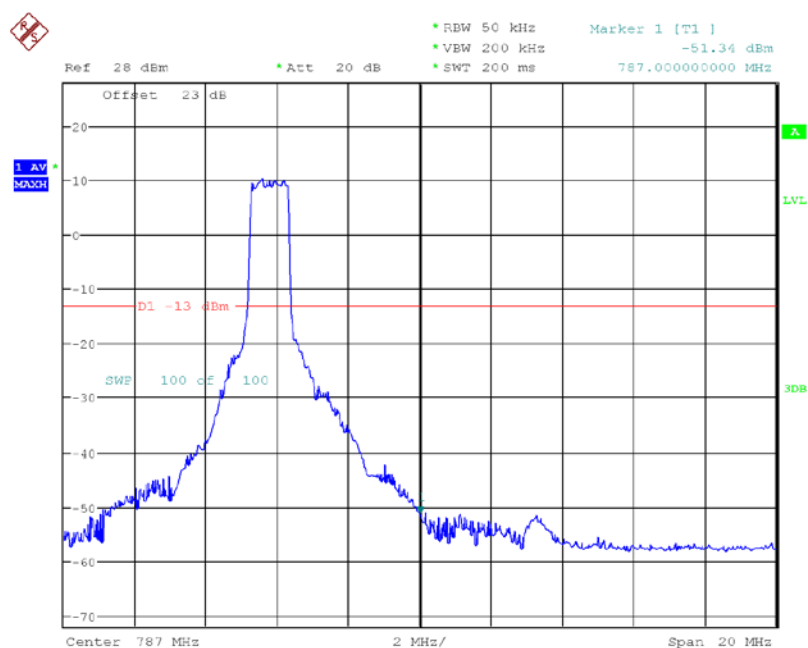
Band13-High Channel-5MHz Bandwidth-1RB-QPSK

Report No.:B18W50279



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

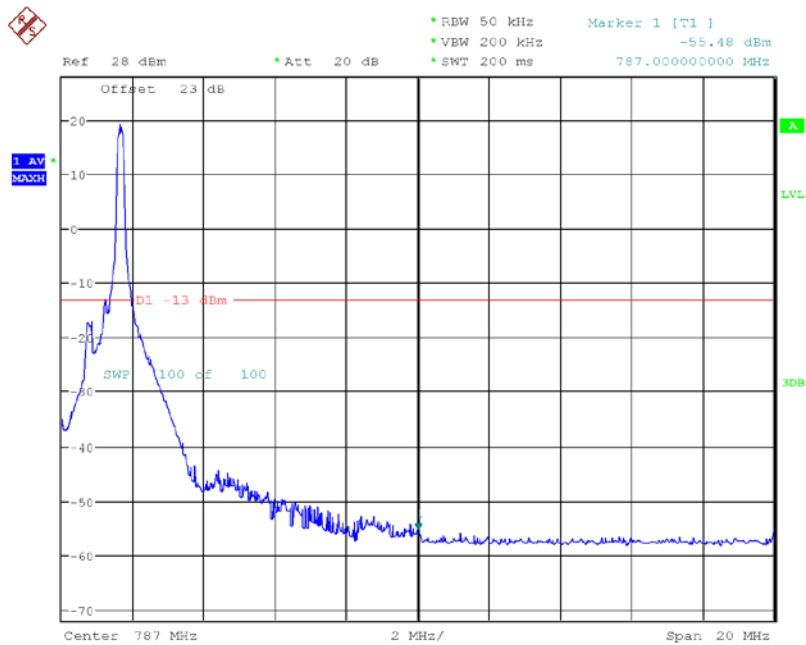
Band13-High Channel-5MHz Bandwidth-6RB-16QAM



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

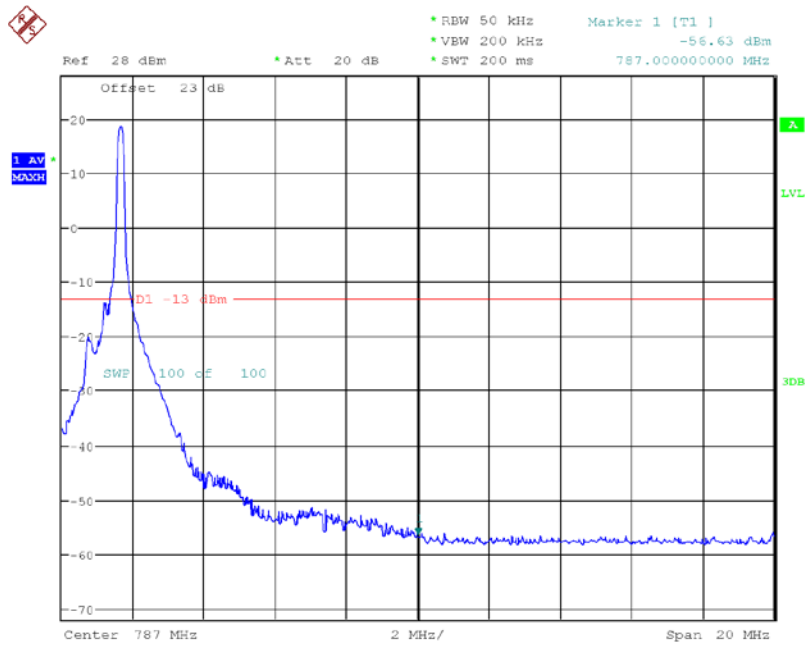
Band13-High Channel-5MHz Bandwidth-6RB-QPSK

Report No.:B18W50279



Date: 7.AUG.2018 16:04:49

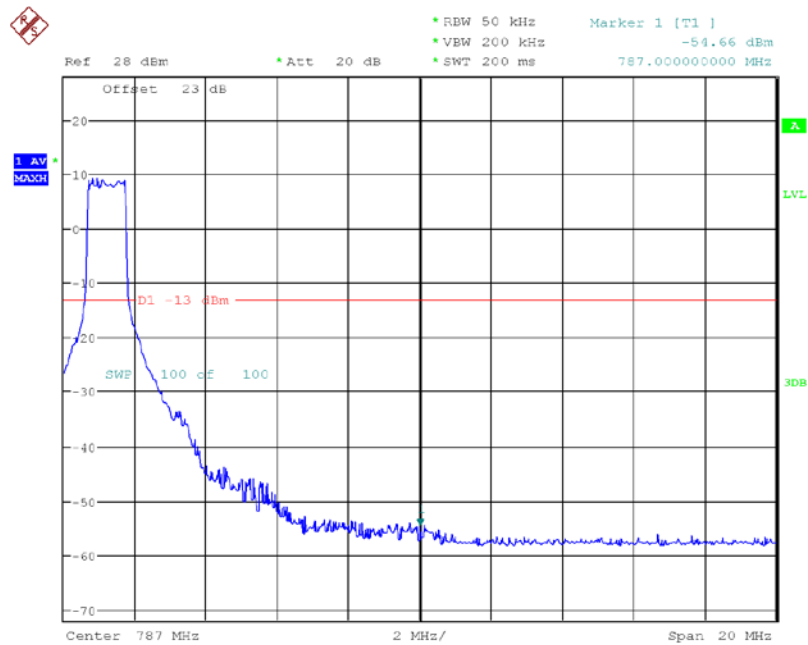
Band13-High Channel-10MHz Bandwidth-1RB-16QAM



Date: 7.AUG.2018 16:04:12

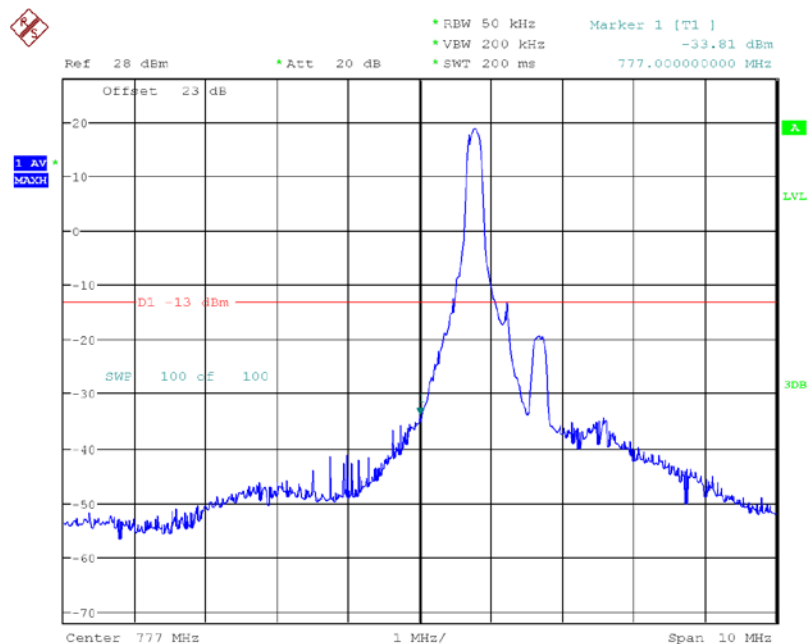
Band13-High Channel-10MHz Bandwidth-1RB-QPSK

Report No.:B18W50279



Date: 7.AUG.2018 16:05:18

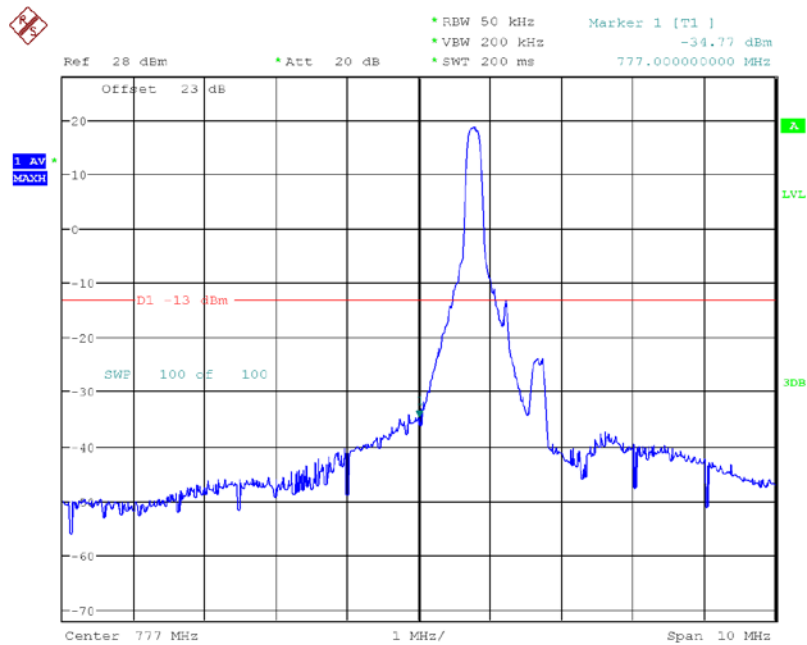
Band13-High Channel-10MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 16:00:29

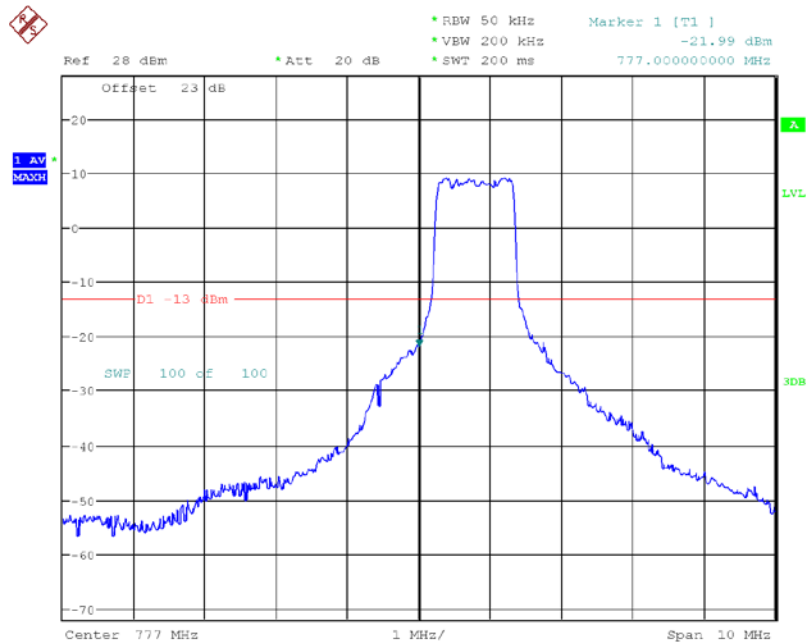
Band13-Low Channel-5MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 16:01:22

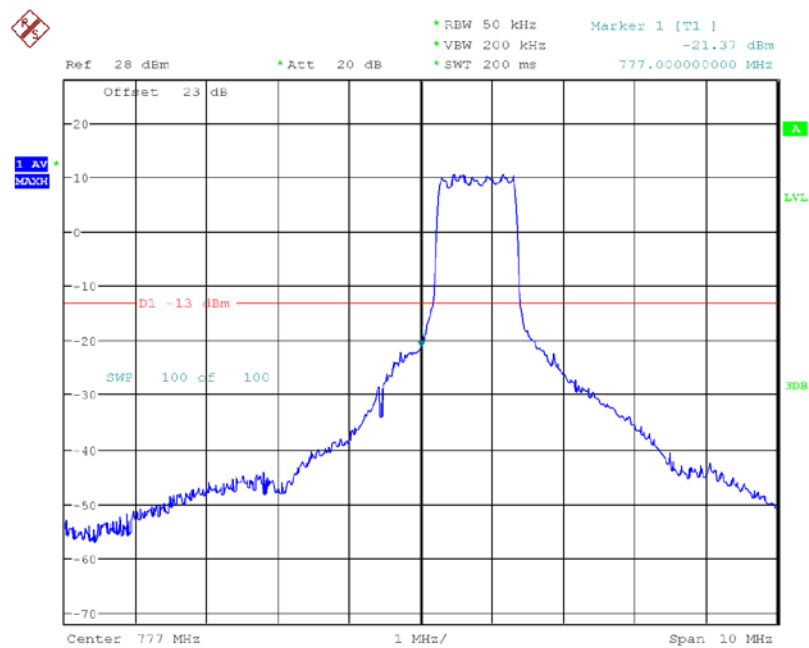
Band13-Low Channel-5MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 15:57:35

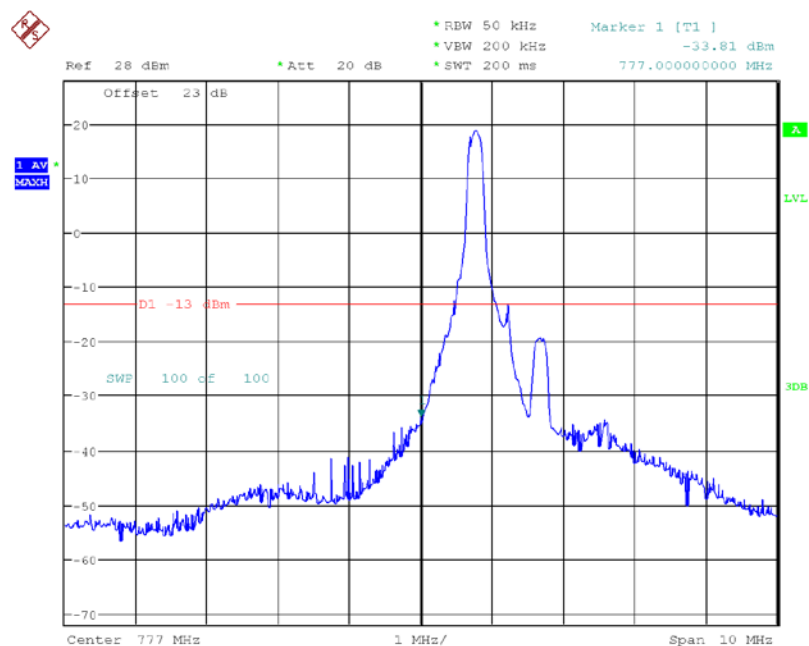
Band13-Low Channel-5MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 15:56:50

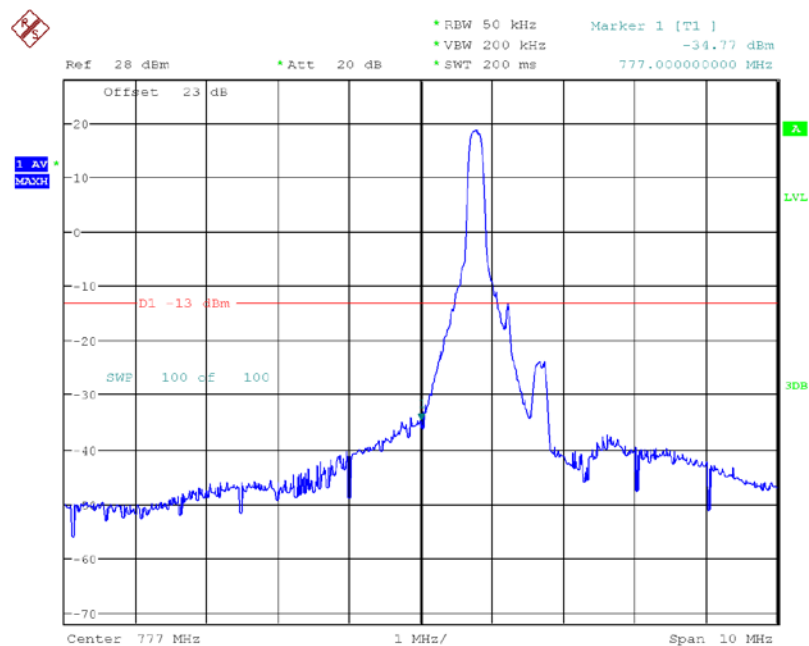
Band13-Low Channel-5MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 16:00:29

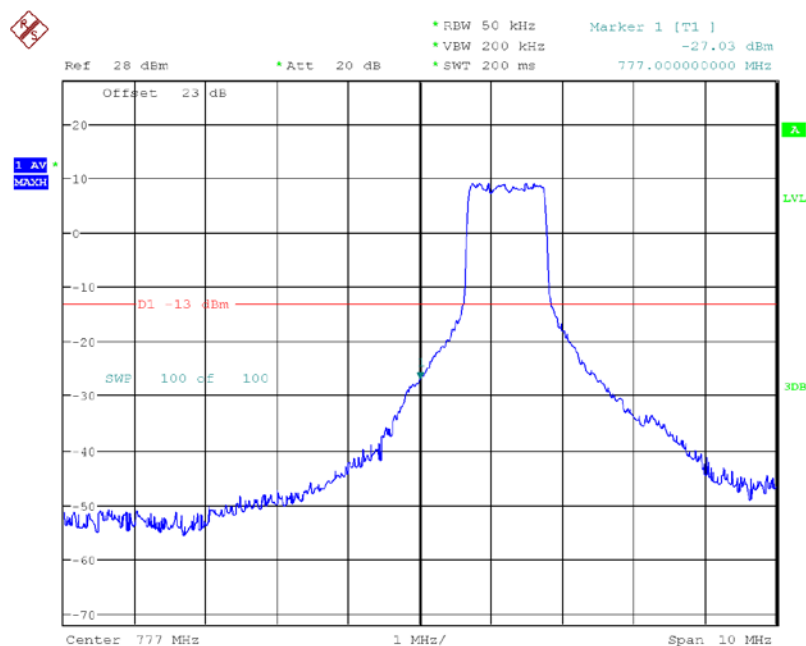
Band13-Low Channel-10MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



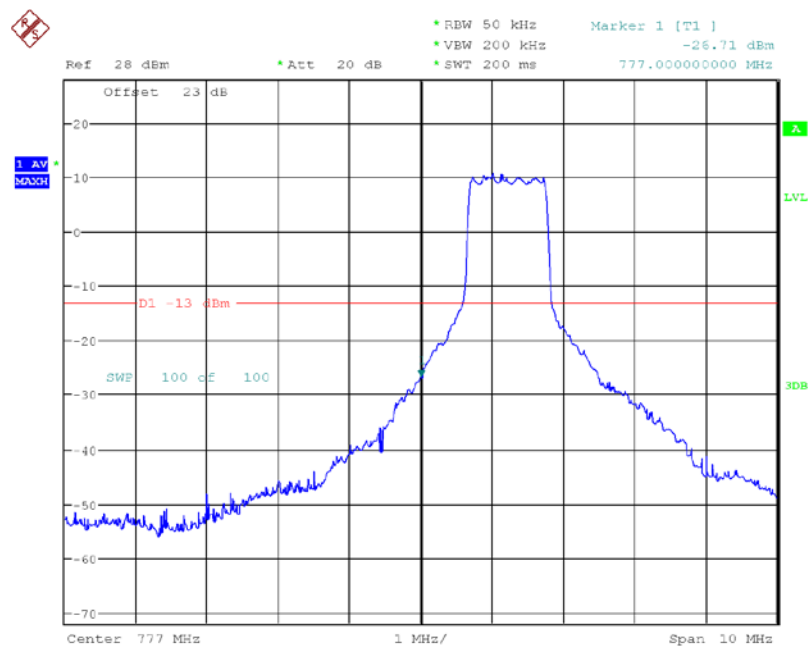
Date: 7.AUG.2018 16:01:22

Band13-Low Channel-10MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 15:59:50

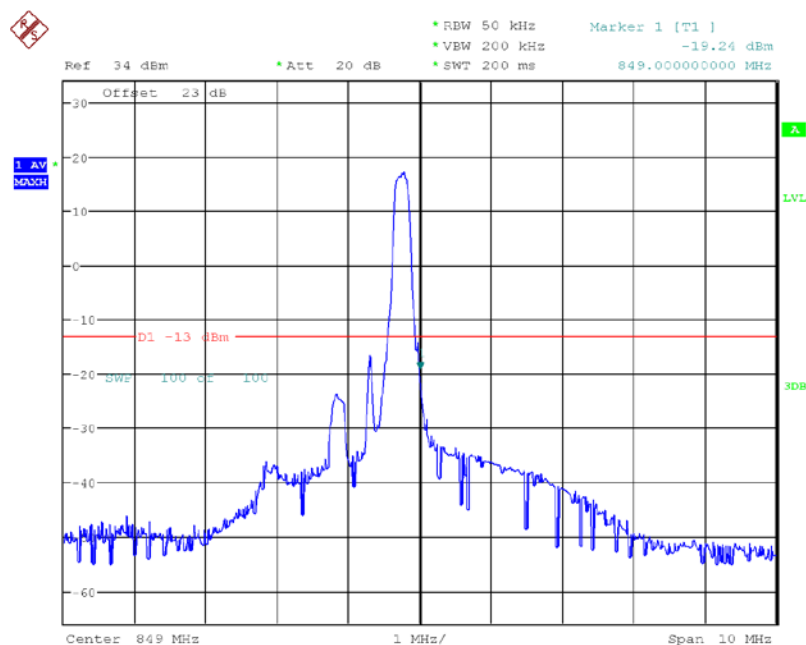
Band13-Low Channel-10MHz Bandwidth-6RB-16QAM



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

Band13-Low Channel-10MHz Bandwidth-6RB-QPSK

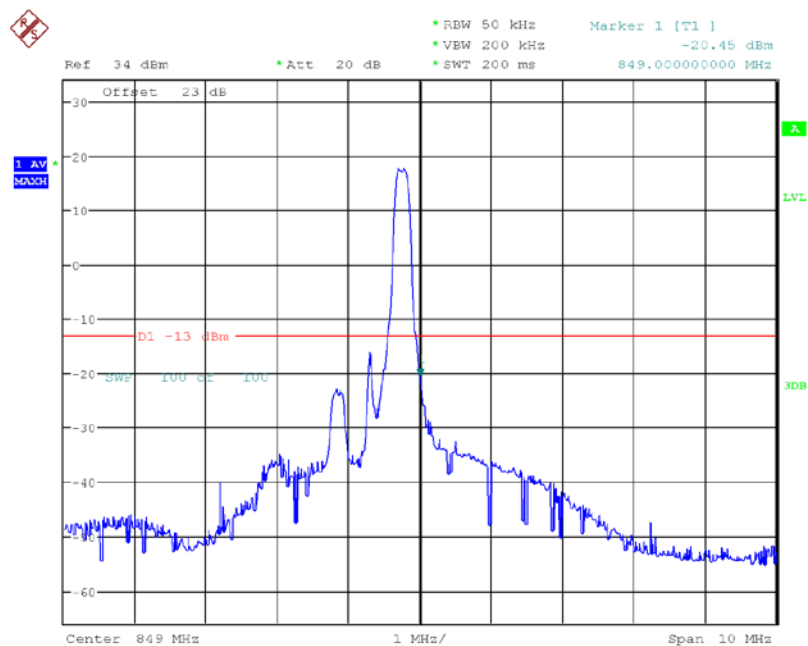
5.5.12 CAT-M Band26 Edge Results



Date: 7.AUG.2018 17:34:49

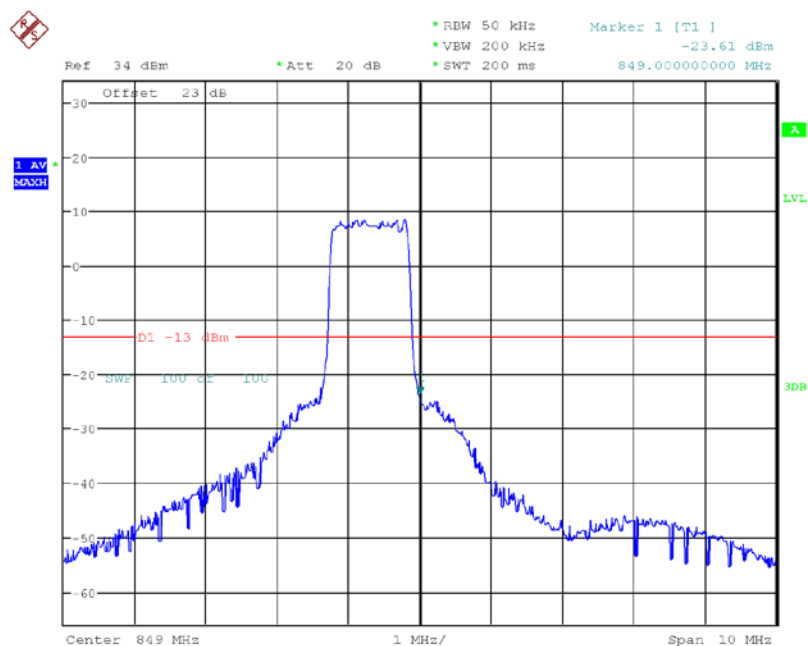
Band26-High Channel-1.4MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:38:10

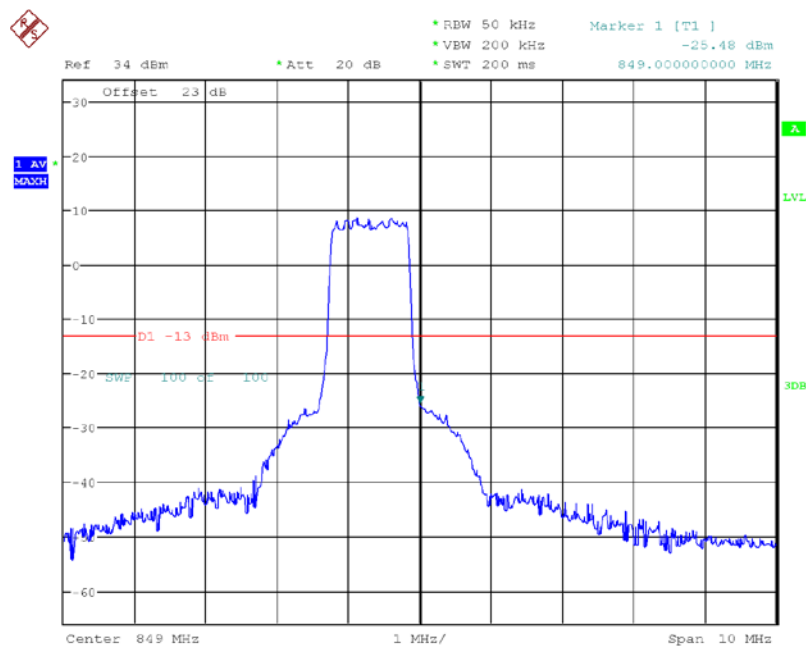
Band26-High Channel-1.4MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:34:00

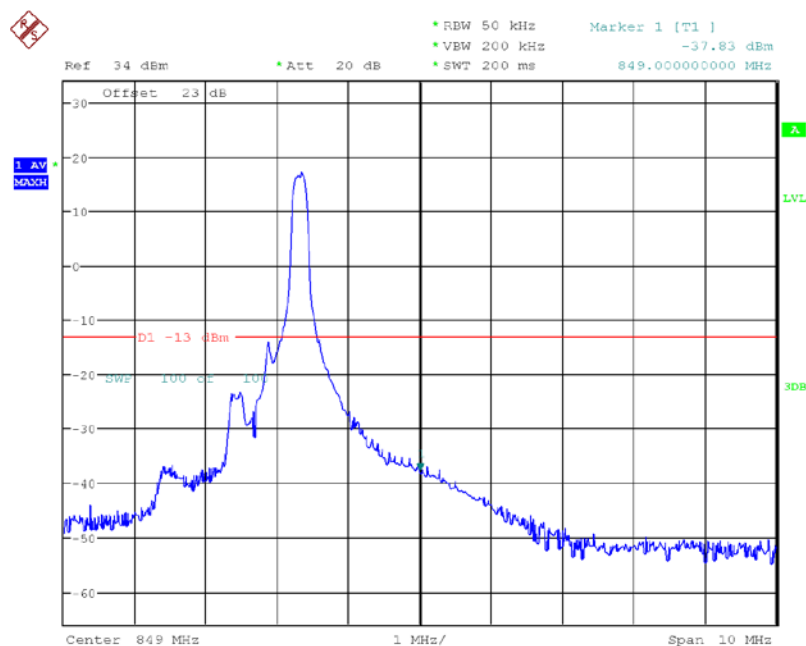
Band26-High Channel-1.4MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:37:31

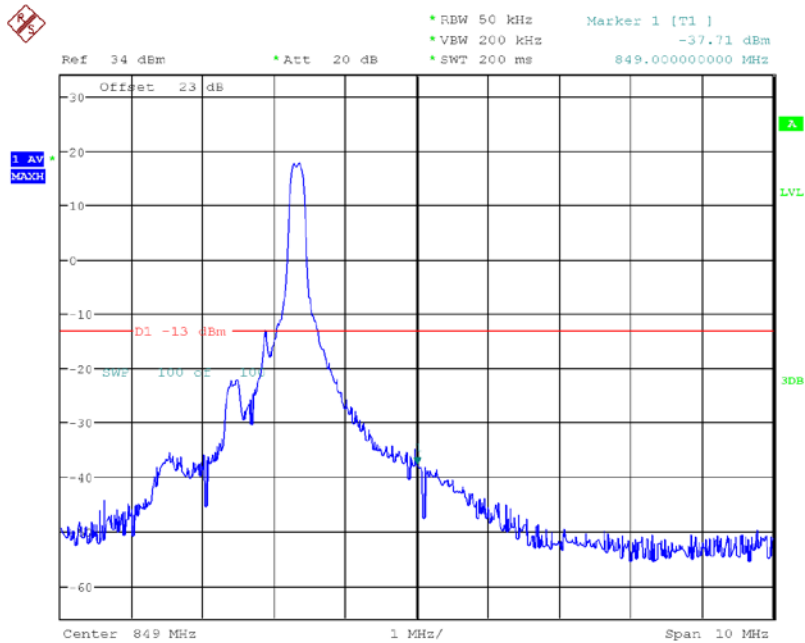
Band26-High Channel-1.4MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:41:11

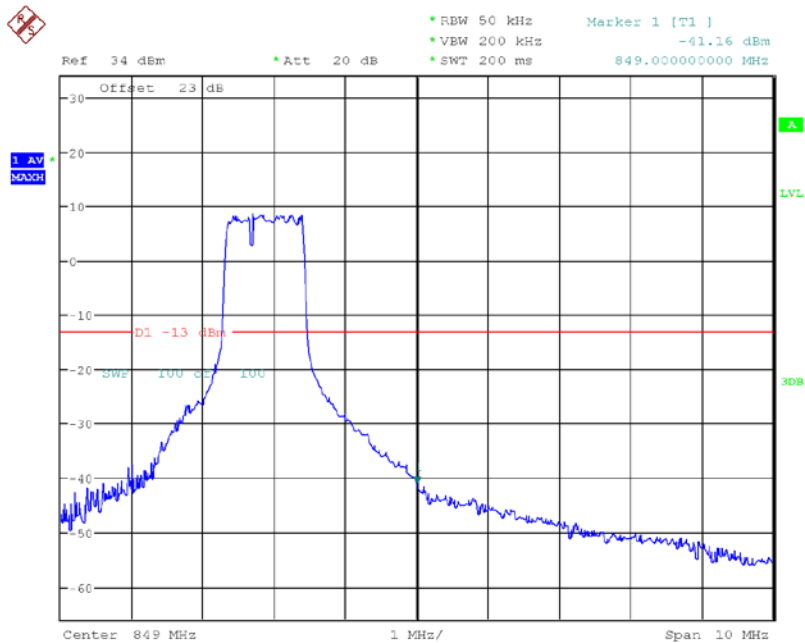
Band26-High Channel-3MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:40:26

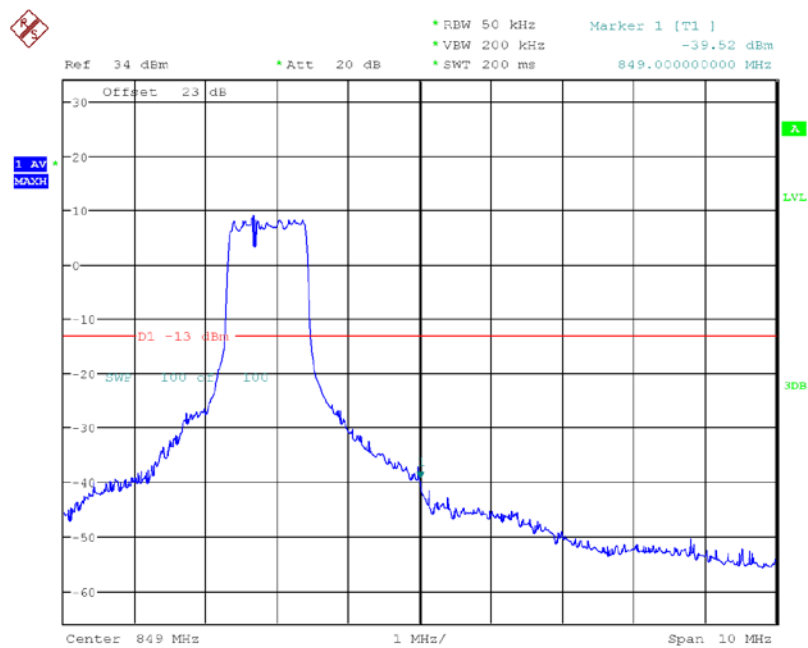
Band26-High Channel-3MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:41:48

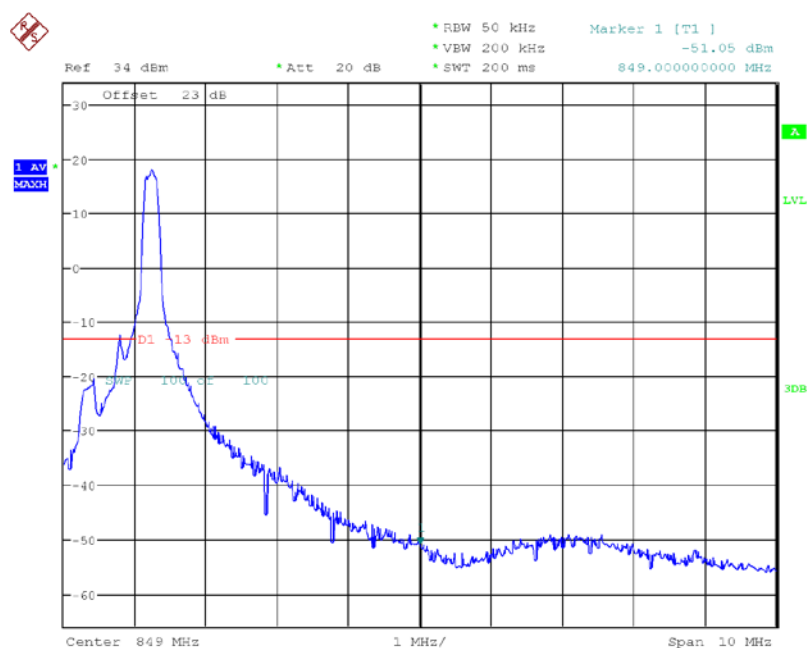
Band26-High Channel-3MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:39:53

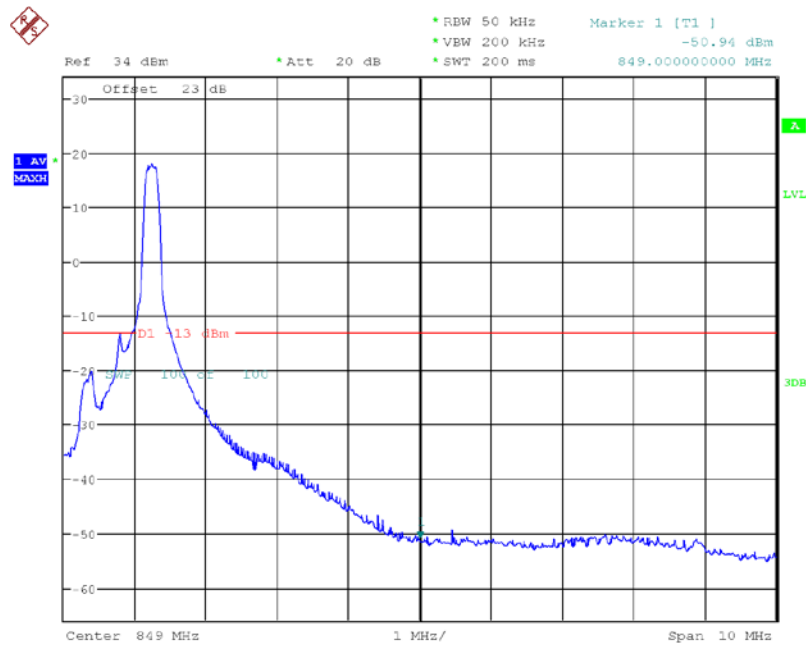
Band26-High Channel-3MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:44:26

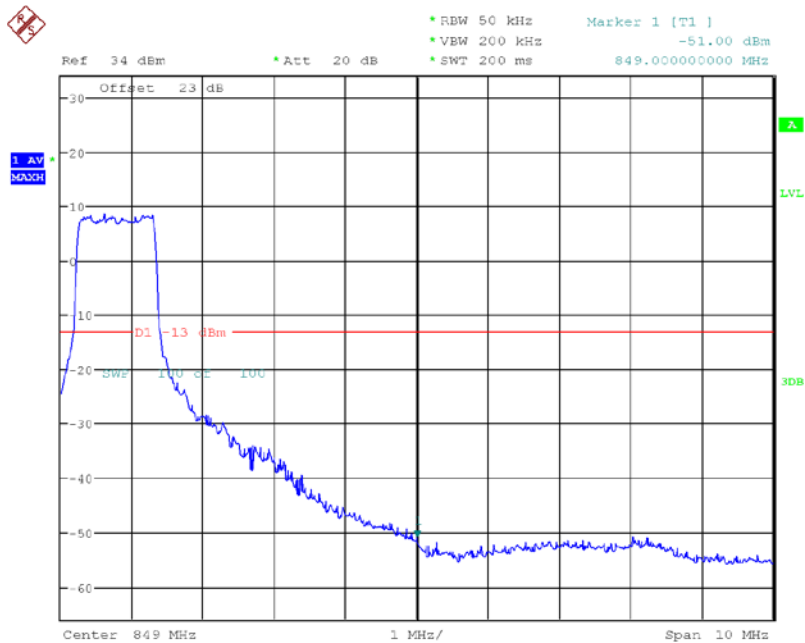
Band26-High Channel-5MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:48:53

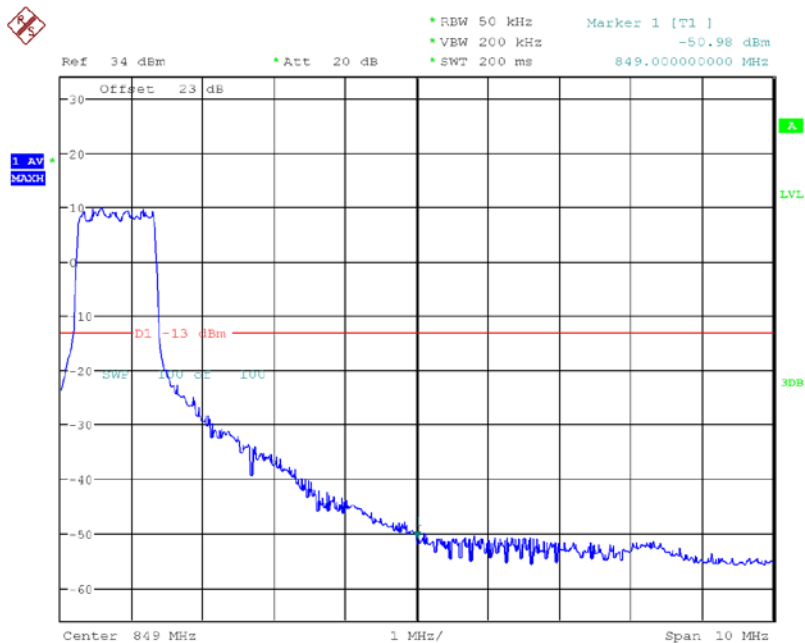
Band26-High Channel-5MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:43:47

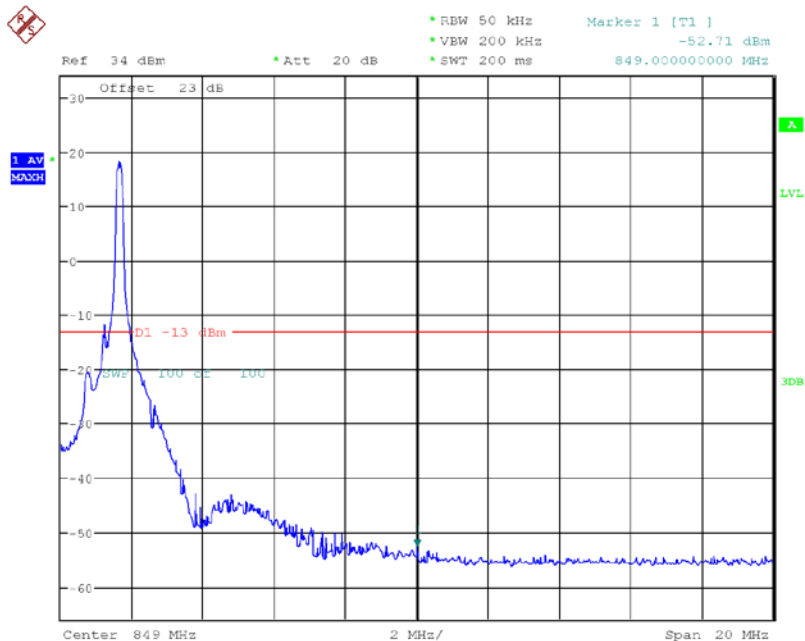
Band26-High Channel-5MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:49:30

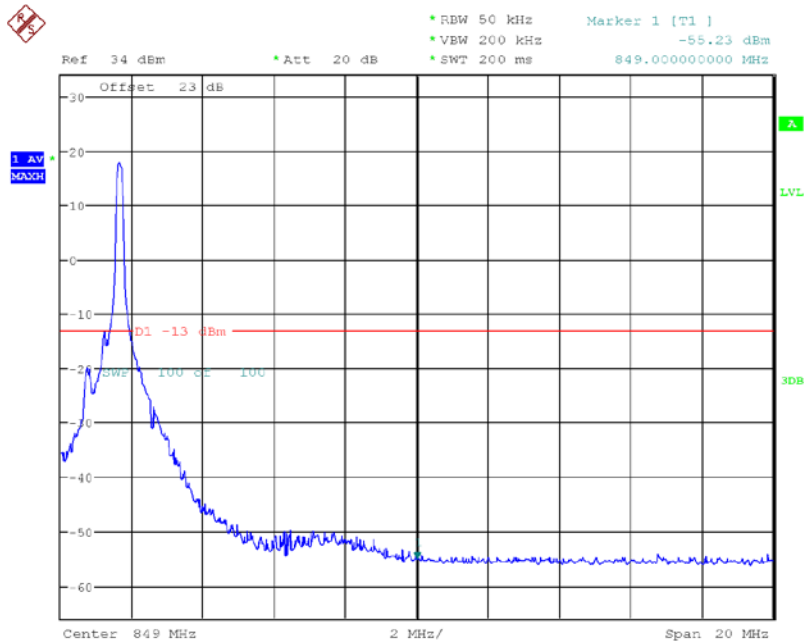
Band26-High Channel-5MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:53:29

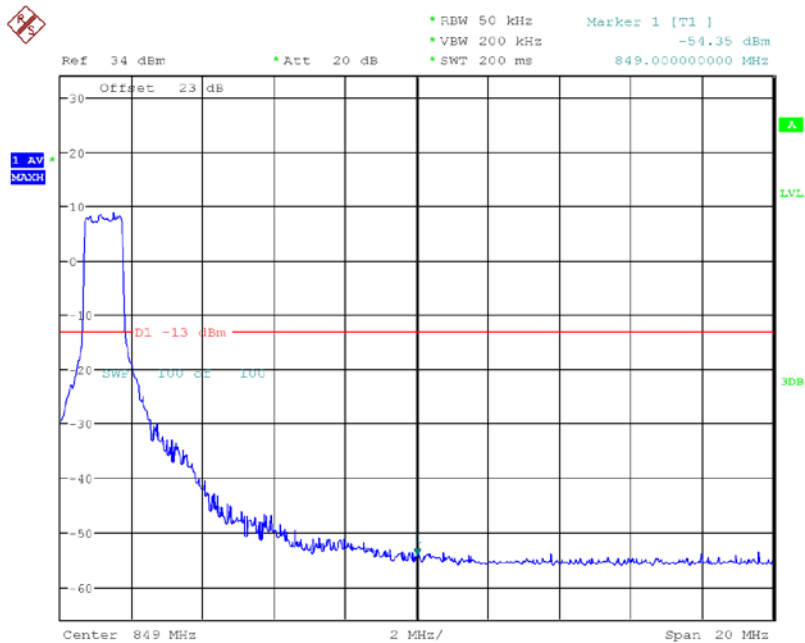
Band26-High Channel-10MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:52:18

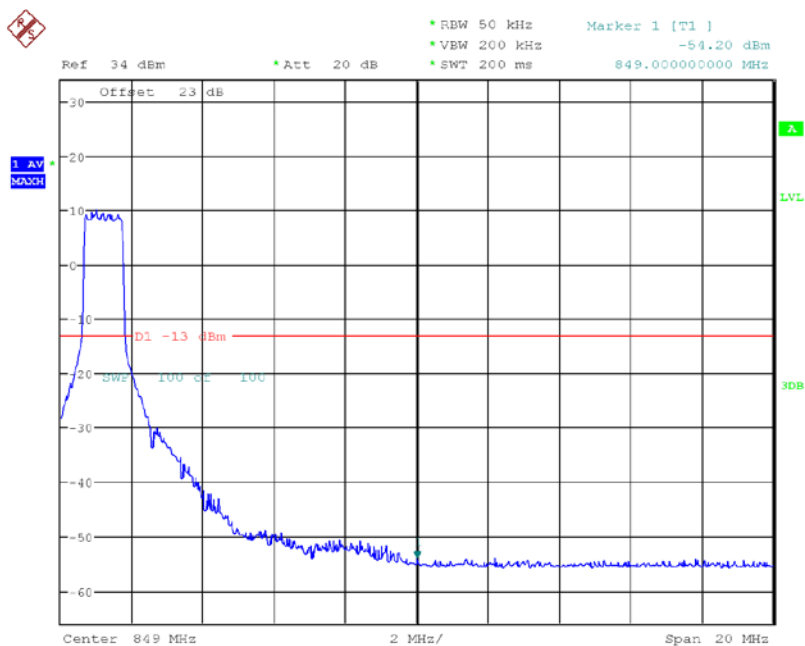
Band26-High Channel-10MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:54:13

Band26-High Channel-10MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:51:33

Band26-High Channel-10MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:58:12

Band26-High Channel-15MHz Bandwidth-1RB-16QAM

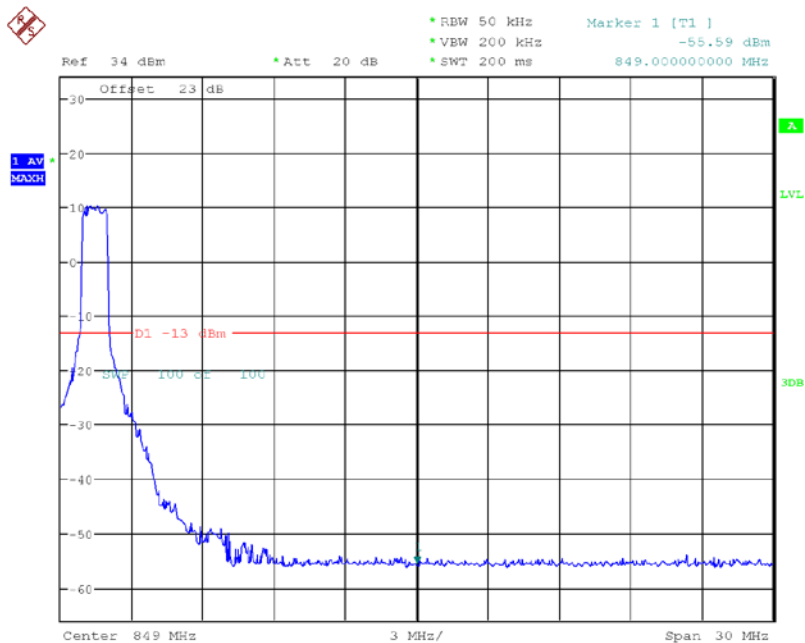
Date: 7.AUG.2018 17:59:55

Band26-High Channel-15MHz Bandwidth-1RB-QPSK

Date: 7.AUG.2018 17:57:04

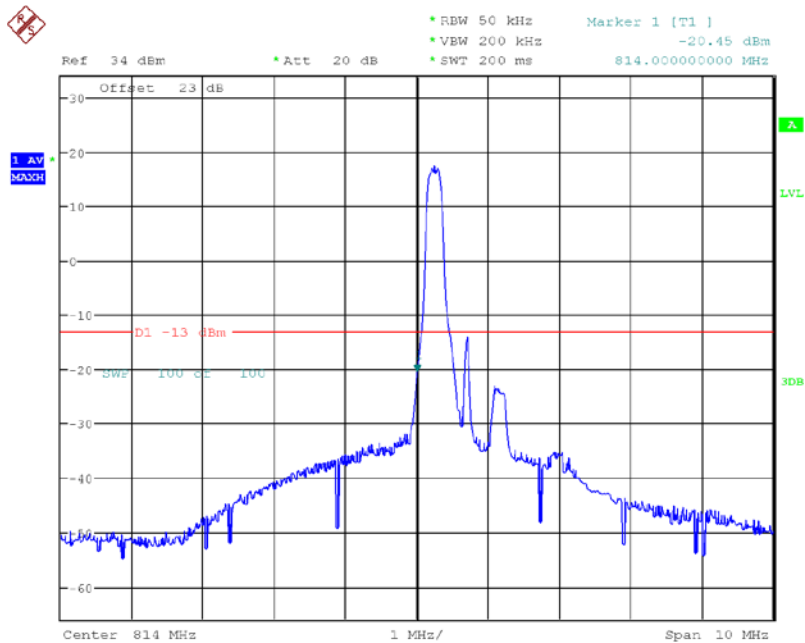
Band26-High Channel-15MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 18:00:33

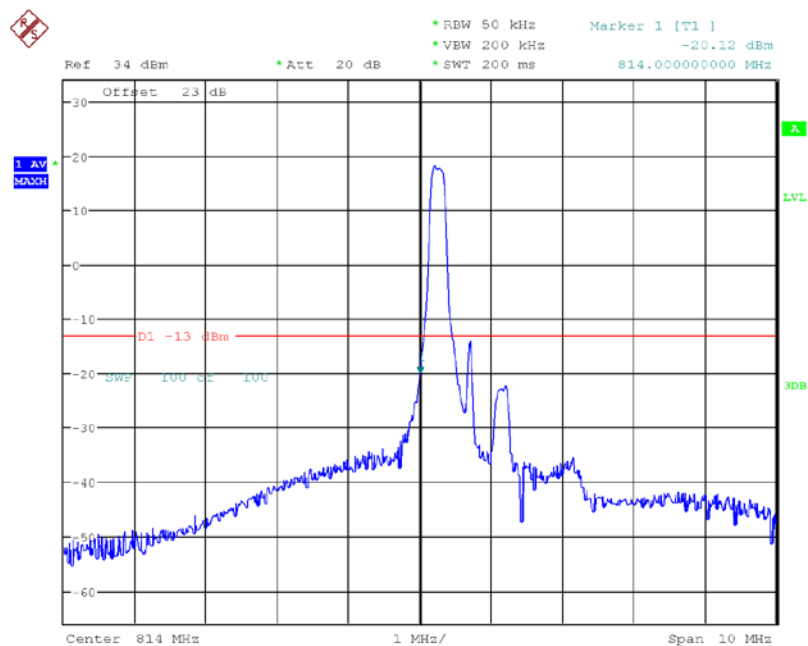
Band26-High Channel-15MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:10:22

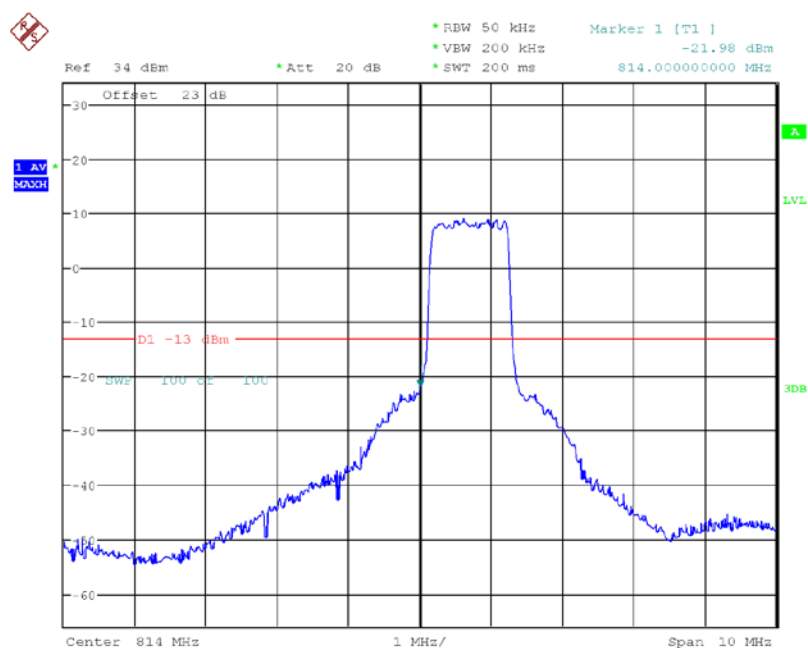
Band26-Low Channel-1.4MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:09:36

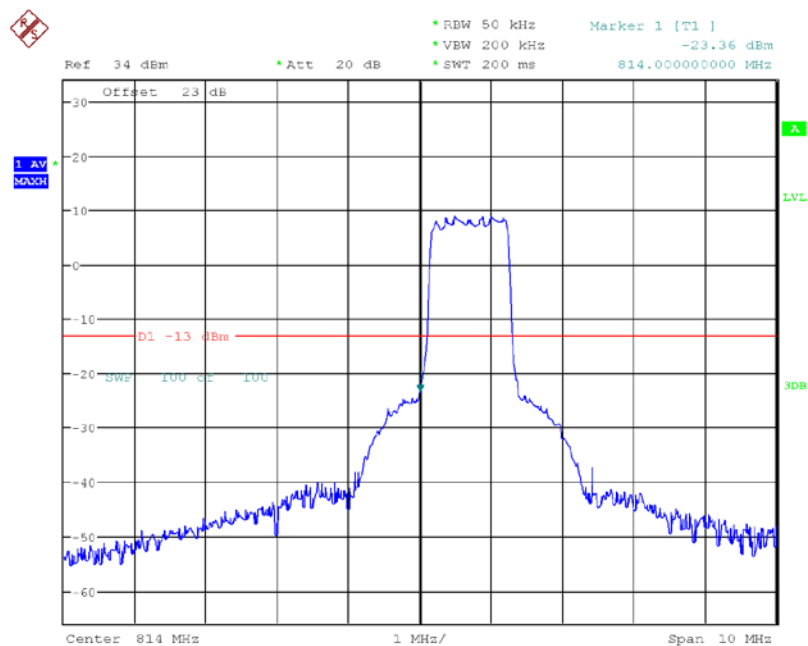
Band26-Low Channel-1.4MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:11:06

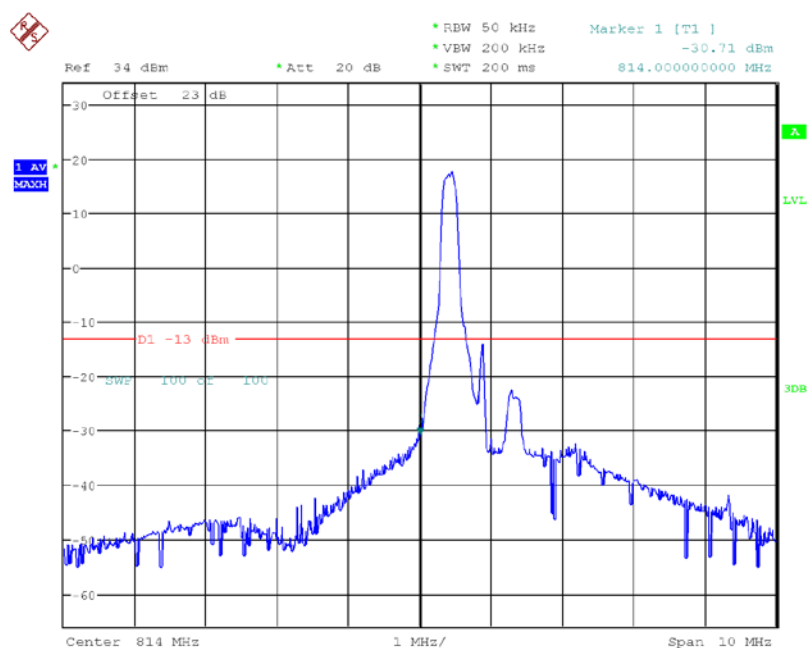
Band26-Low Channel-1.4MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:08:50

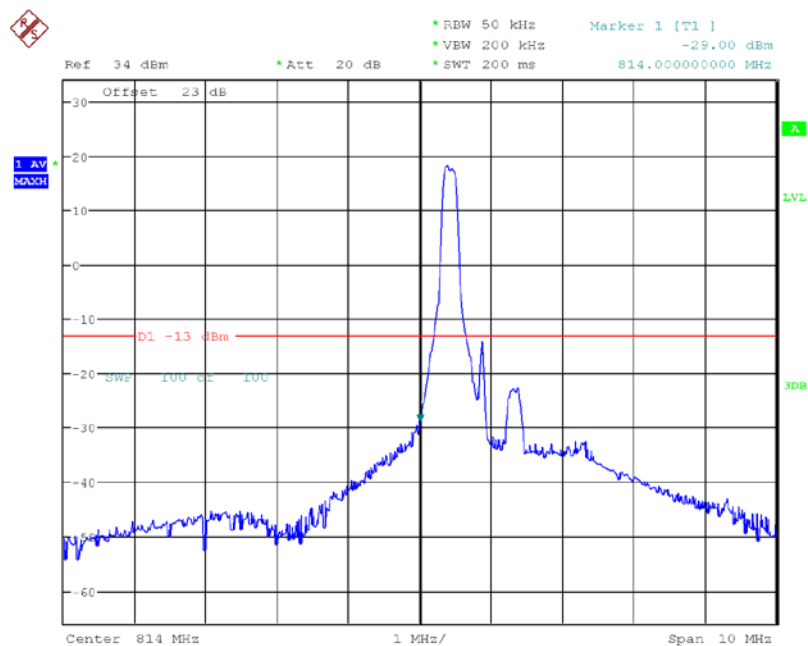
Band26-Low Channel-1.4MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:13:44

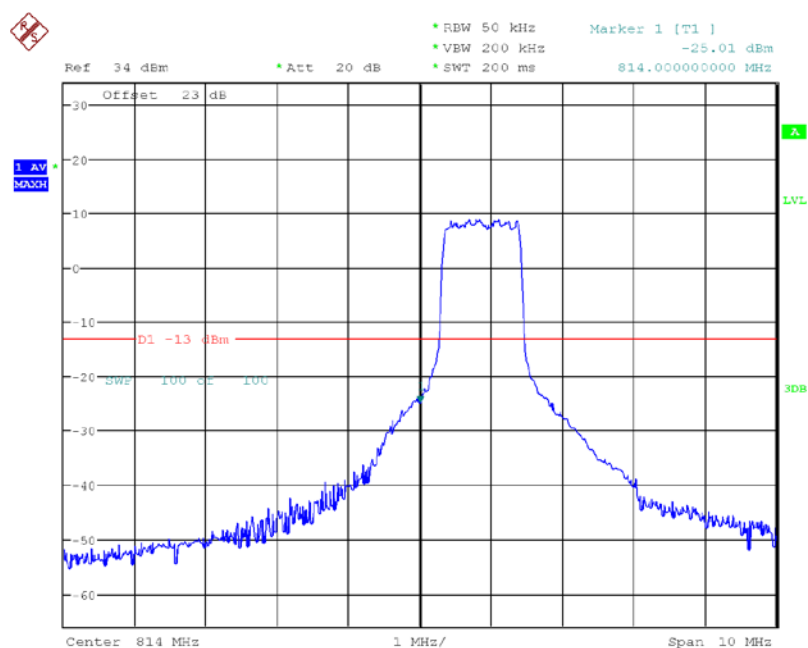
Band26-Low Channel-3MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:14:30

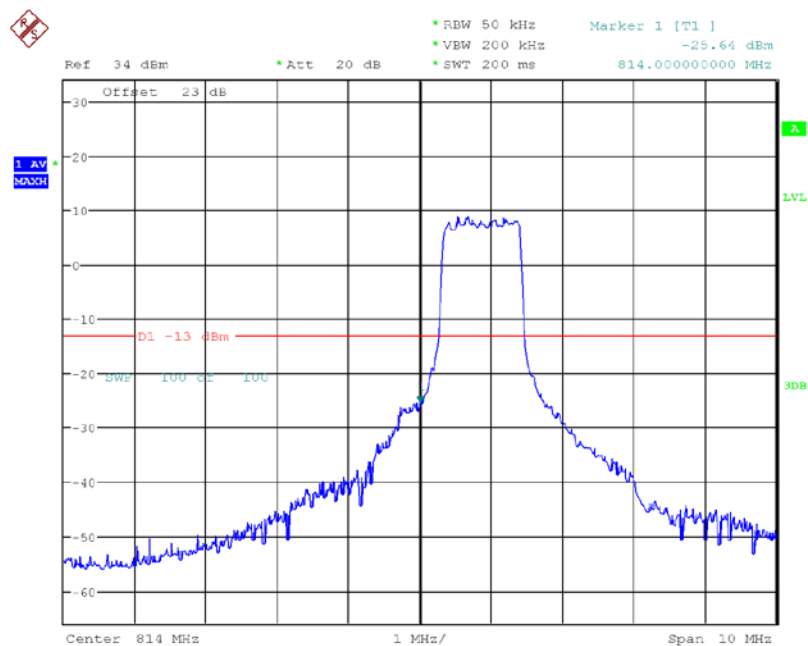
Band26-Low Channel-3MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:13:12

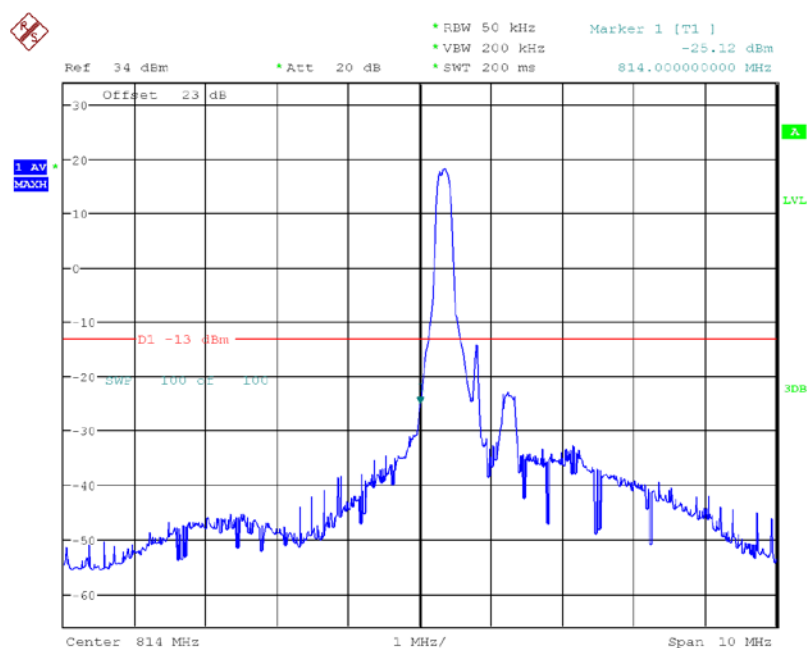
Band26-Low Channel-3MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:15:00

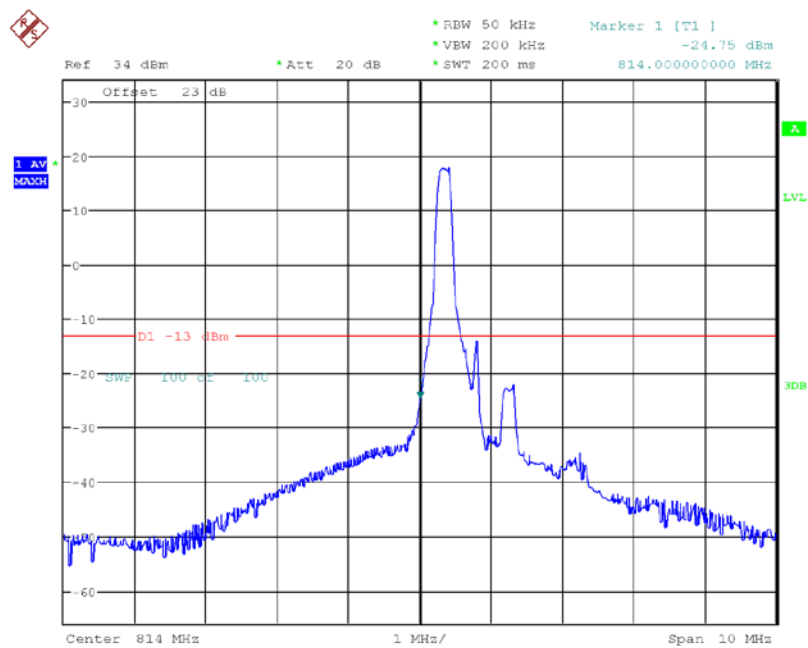
Band26-Low Channel-3MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:17:57

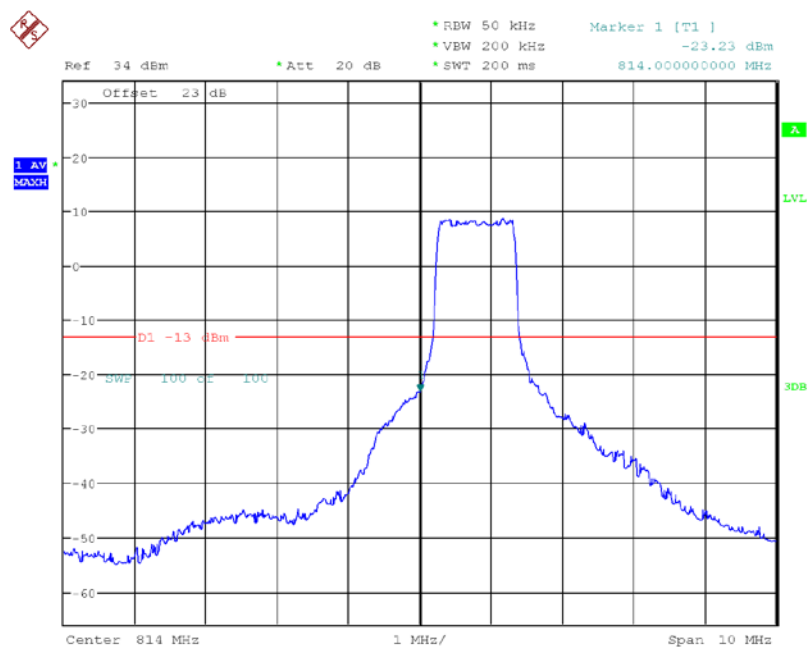
Band26-Low Channel-5MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:17:08

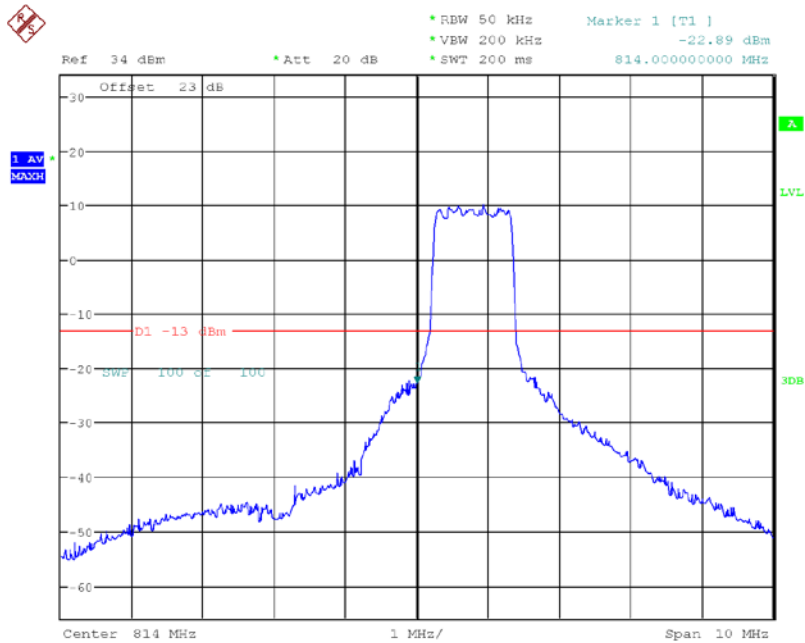
Band26-Low Channel-5MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:18:59

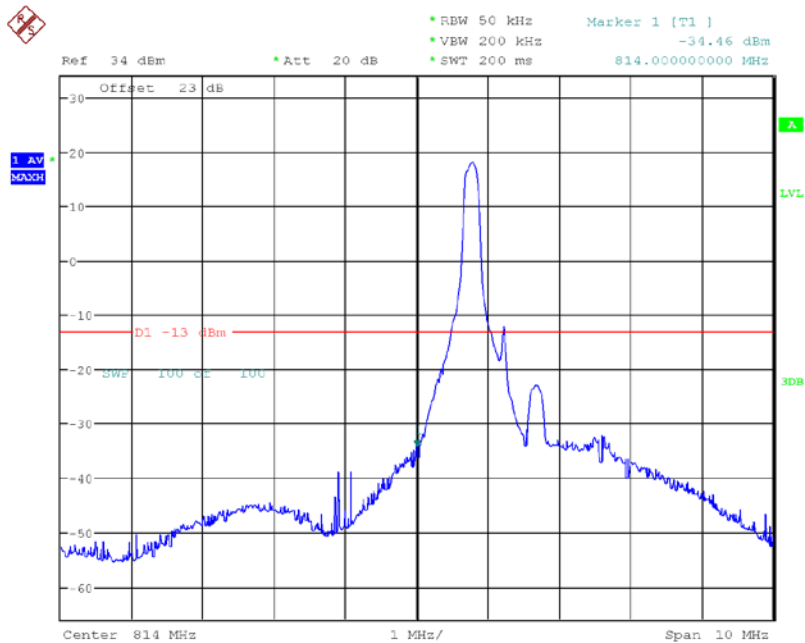
Band26-Low Channel-5MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:16:22

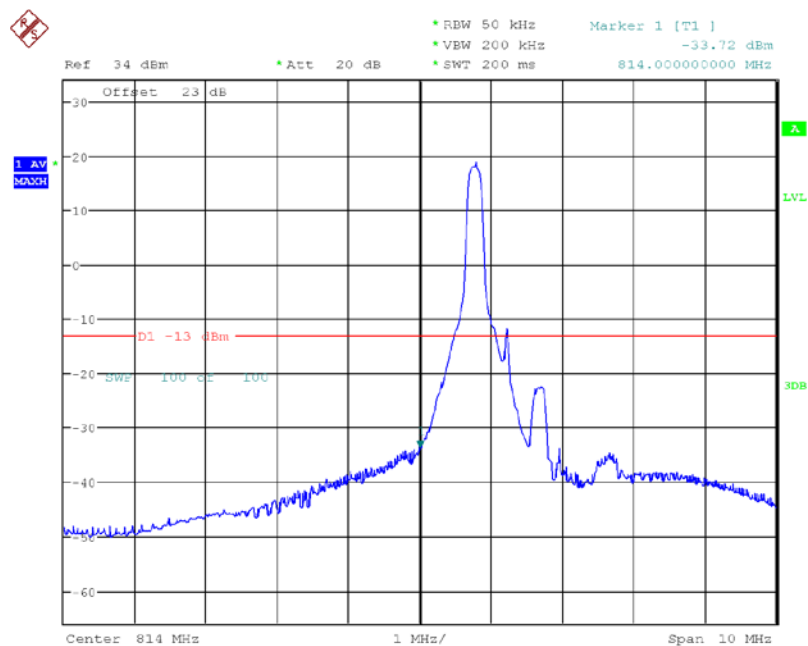
Band26-Low Channel-5MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:22:35

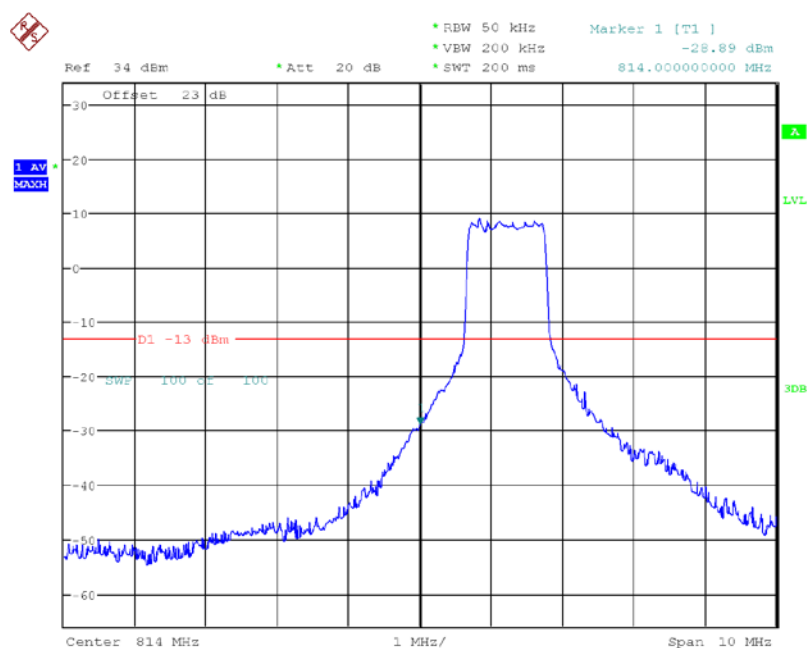
Band26-Low Channel-10MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:25:08

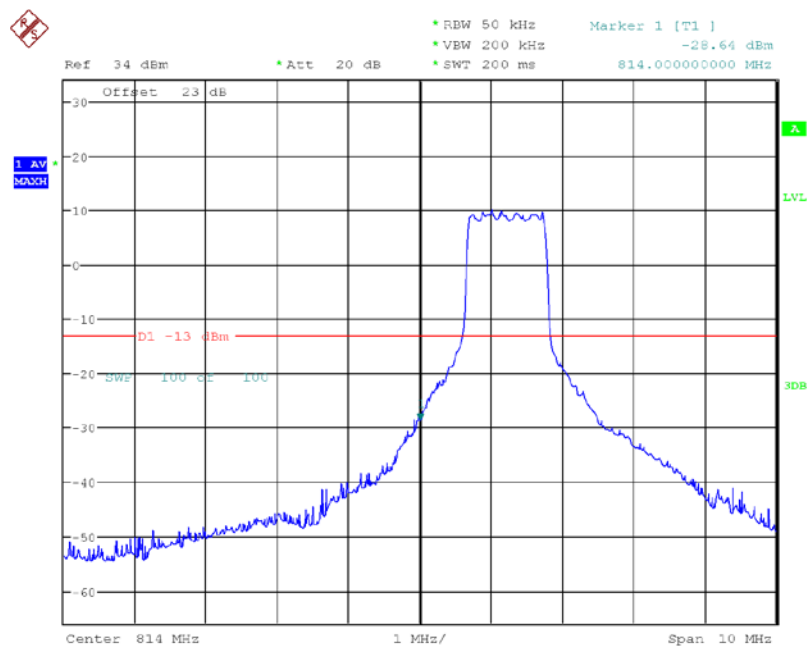
Band26-Low Channel-10MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:21:55

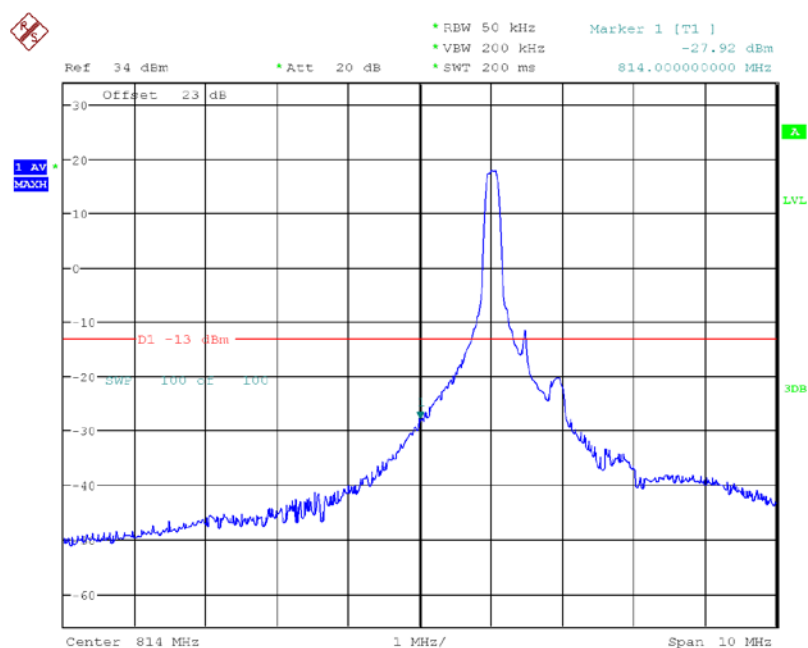
Band26-Low Channel-10MHz Bandwidth-6RB-16QAM

Report No.:B18W50279



Date: 7.AUG.2018 17:27:06

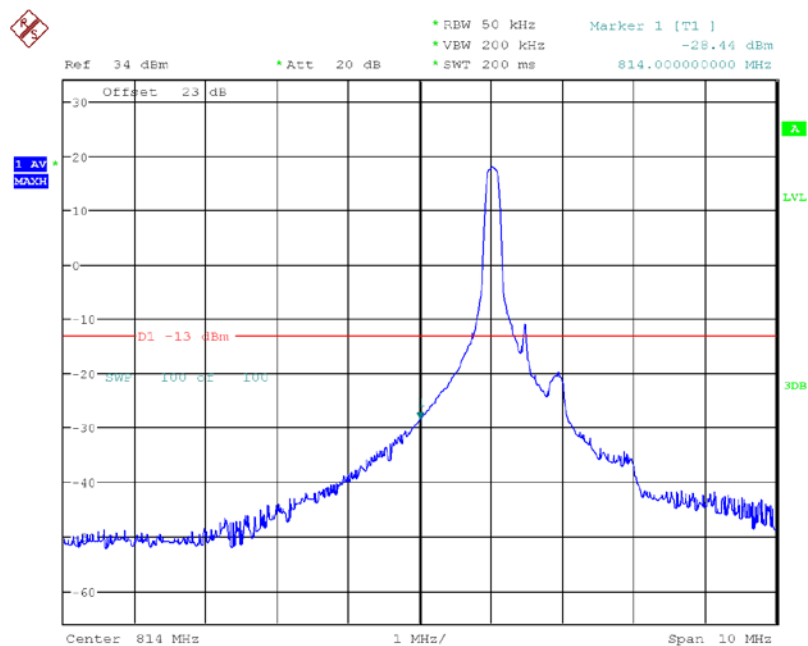
Band26-Low Channel-10MHz Bandwidth-6RB-QPSK



Date: 7.AUG.2018 17:31:06

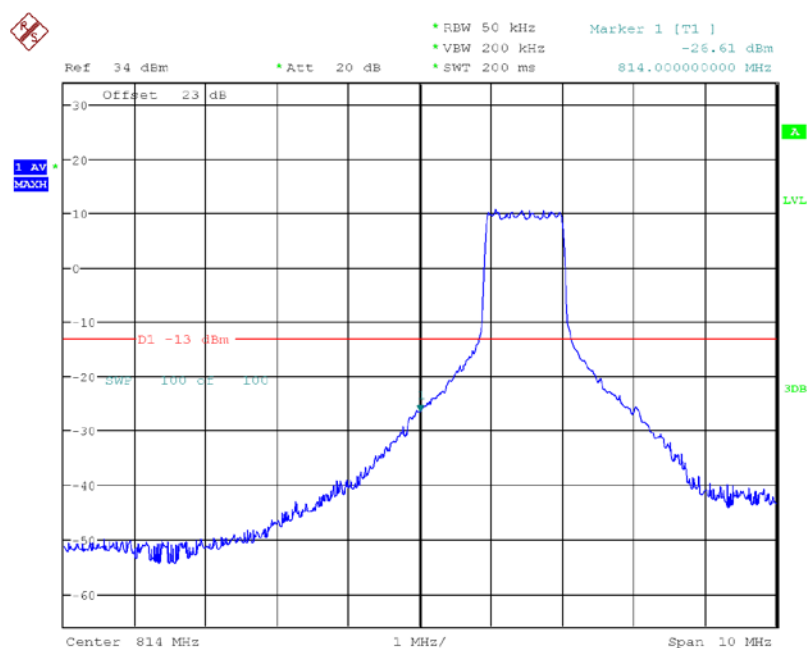
Band26-Low Channel-15MHz Bandwidth-1RB-16QAM

Report No.:B18W50279



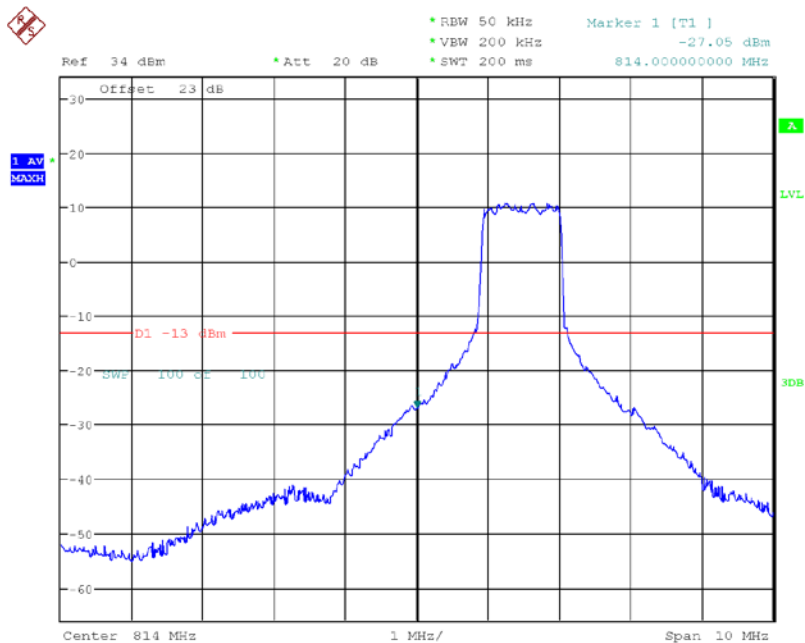
Date: 7.AUG.2018 17:29:38

Band26-Low Channel-15MHz Bandwidth-1RB-QPSK



Date: 7.AUG.2018 17:32:01

Band26-Low Channel-15MHz Bandwidth-6RB-16QAM



Date: 7.AUG.2018 17:28:40

Band26-Low Channel-15MHz Bandwidth-6RB-QPSK

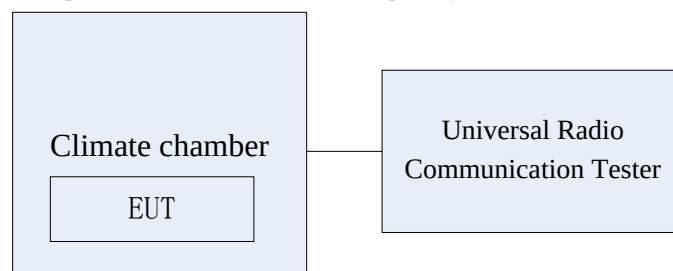
5.6 Frequency Stability over Temperature Variation

Specifications:	FCC Part 2.1055, 22.355, 24.235, 27.54
DUT Serial Number:	S1: D20618181ACDFF4
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit	
Frequency deviation [ppm]	±2.5

Test Setup

The EUT was placed in a temperature chamber, demonstrated as figure T. The Wireless Telecommunications Test Set was used to set the Tx channel and power level, modulate the TX signal with different bit patterns and measure the frequency of Tx.



Test Method

- 1、 The EUT was turned off and placed in the temperature chamber.
- 2、 The temperature of the chamber was set to -30°C and allowed to stabilize.
- 3、 The EUT temperature was allowed to stabilize for 45 minutes.
- 4、 The EUT was turned on and set to transmit with Wireless Telecommunications Test Set.
- 5、 The maximum transmit frequency deviation during one minute period was measured by Wireless Communications Test Set.
- 6、 The steps 3-5 were repeated for -30°C,-20°C, -10°C, 0°C, 10°C, 20°C, 30°C, 40°C and 50°C.

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5.6.1 GSM Band Frequency Stability over Temperature Variation Results

Band	Offset	Temperature[°C]								
		-30	-20	-10	0	10	20	30	40	50
GSM850 GMSK	Hz	17.61	-18.11	5.83	10.01	-2.12	3.01	-4.11	-3.08	8.78
	ppm	0.021	-0.022	0.007	0.012	-0.003	0.004	-0.005	-0.004	0.010
GSM850 8PSK	Hz	-13.55	-14.20	4.08	-6.55	7.14	2.08	4.44	6.17	-7.02
	ppm	-0.016	-0.017	0.005	-0.008	0.009	0.002	0.005	0.007	-0.008
PCS1900 GMSK	Hz	11.51	-10.98	5.71	4.30	-5.00	3.89	-1.42	-4.57	5.11
	ppm	0.006	-0.006	0.003	0.002	-0.003	0.002	-0.001	-0.002	0.003
PCS1900 8PSK	Hz	-10.00	-9.71	6.87	3.32	-5.61	-2.10	1.11	-5.10	-3.26
	ppm	-0.005	-0.005	0.004	0.002	-0.003	-0.001	0.001	-0.003	-0.002

5.6.2 NB-IoT Band Frequency Stability over Temperature Variation Results

Band	Offset	Temperature[°C]								
		-30	-20	-10	0	10	20	30	40	50
2	Hz	-6.54	-8.80	6.54	-3.88	4.61	-3.81	3.22	3.00	1.49
	ppm	-0.003	-0.005	0.003	-0.002	0.002	-0.002	0.002	0.002	0.001
12	Hz	-12.11	-13.64	13.55	-10.01	-5.30	-1.33	4.00	8.62	11.71
	ppm	-0.019	-0.019	0.019	-0.014	-0.007	-0.002	0.006	0.012	0.017
13	Hz	-1.00	-3.04	1.20	-5.08	-6.78	-5.22	9.18	5.11	-7.02
	ppm	-0.001	-0.004	0.002	-0.006	-0.009	-0.007	0.012	0.007	-0.009
17	Hz	-6.11	-5.86	-3.00	1.57	-8.91	-6.20	7.01	9.32	6.97
	ppm	-0.009	-0.008	-0.004	0.002	-0.013	-0.009	0.010	0.013	0.010
26	Hz	-13.11	-18.64	12.52	-9.51	-3.60	-5.33	4.12	8.87	11.72
	ppm	-0.016	-0.022	0.015	-0.011	-0.004	-0.006	0.005	0.011	0.014

5.6.3 CAT-M Band Frequency Stability over Temperature Variation Results

Band	Offset	Temperature[°C]								
		-30	-20	-10	0	10	20	30	40	50
2	Hz	8.18	-5.62	-4.71	9.19	9.16	-4.89	5.39	-8.92	5.71
	ppm	0.004	-0.003	-0.003	0.005	0.005	-0.003	0.003	-0.005	0.003
4	Hz	-9.23	-9.84	9.29	-8.37	-5.78	9.88	-6.65	6.88	4.31
	ppm	-0.005	-0.006	0.005	-0.005	-0.003	0.006	-0.004	0.004	0.002
12	Hz	4.15	-6.39	6.85	-8.24	-4.21	5.42	9.43	-9.75	-8.35
	ppm	0.006	-0.009	0.010	-0.012	-0.006	0.008	0.013	-0.014	-0.012
13	Hz	-5.78	-8.52	-6.98	4.34	-9.67	8.17	4.41	9.89	-6.87
	ppm	-0.007	-0.011	-0.010	0.006	-0.012	0.010	0.006	0.013	-0.009
26	Hz	4.65	-9.16	9.19	4.67	-7.31	6.41	-5.64	-7.78	6.91
	ppm	0.006	-0.011	0.011	0.006	-0.009	0.008	-0.007	-0.009	0.008

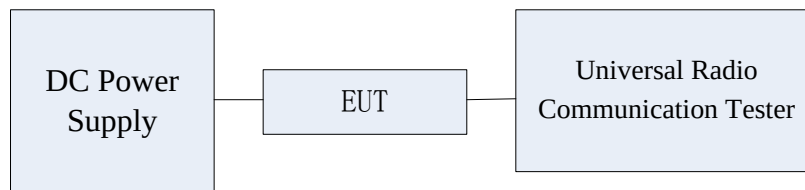
5.7 Frequency Stability over Voltage Variation

Specifications:	FCC Part 2.1055, 22.355, 24.235, 27.54
DUT Serial Number:	S1: D20618181ACDFF4
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit	
Frequency deviation [ppm]	±2.5

Test Setup

The EUT was placed in a shielding chamber and powered by an adjustable power supply, demonstrated as figure V. A Wireless Telecommunications Test Set was used to set the TX channel and power level, modulate the TX signal with different bit patterns and measure the frequency of TX.



Test Method

The EUT was powered by the adjustable power supply. The frequency stability is measured by the Wireless Telecommunications Test Set.

5.7.1 GSM Band Frequency Stability over Voltage Variation Results

Test data:

Band	Offset	Voltage (V)		
		3.0	3.8	4.3
GSM850 GMSK	Hz	3.61	-1.01	3.41
	ppm	0.004	-0.001	0.004
GSM850 8PSK	Hz	-5.60	-0.78	2.30
	ppm	-0.007	-0.001	0.003
PCS1900 GMSK	Hz	1.09	1.77	-1.56
	ppm	0.001	0.001	-0.001
PCS1900	Hz	2.11	-0.11	-4.01

8PSK	ppm	0.001	-0.001	-0.002
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5.7.2 NB-IoT Band Frequency Stability over Voltage Variation Results

Test data:

Band	Offset	Voltage (V)		
		3.0	3.8	4.3
2	Hz	-4.77	-4.84	9.74
	ppm	-0.003	-0.003	0.005
12	Hz	7.64	-4.83	-6.23
	ppm	0.011	-0.007	-0.009
13	Hz	-7.75	-6.23	5.18
	ppm	-0.010	-0.008	0.007
17	Hz	5.69	-6.91	-7.85
	ppm	0.008	-0.010	-0.011
26	Hz	4.44	4.79	-6.44
	ppm	0.005	0.006	-0.008

5.7.3 CAT-M Band Frequency Stability over Voltage Variation Results

Test data:

Band	Offset	Voltage (V)		
		3.0	3.8	4.3
2	Hz	-5.55	-4.68	7.46
	ppm	-0.003	-0.002	-0.004
4	Hz	4.21	-9.72	-5.68
	ppm	0.002	-0.006	-0.003
12	Hz	-9.22	-5.89	7.47
	ppm	-0.013	-0.008	0.011
13	Hz	-6.74	4.99	6.36
	ppm	-0.009	0.006	-0.008
26	Hz	-5.85	-5.33	-4.89
	ppm	-0.007	-0.006	-0.006

5.8 Peak to Average Ratio

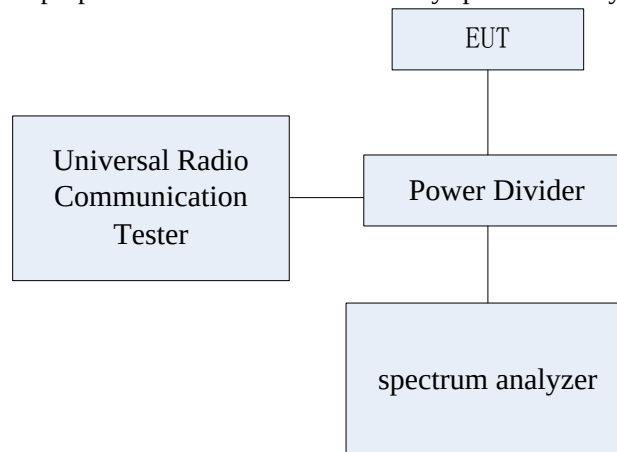
Specifications:	FCC Part 24.232, 27.50,
DUT Serial Number:	S1: D20618181ACDFF4
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit

The EUT meets the requirement of having a peak to average ratio of less than 13dB.

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

The transmitter output was connected to a CMW500 through a coaxial RF cable and directional coupler, and configured to operate at maximum power. The peak to average ratio was measured at the required operating frequencies in each Band on the Spectrum Analyzer.

5.8.1 GSM850 Peak to Average Ratio Results

Frequency (MHz)	Channel	Modulation	PAPR(dB)
836.6	190	GMSK	11.4
		8PSK	11.2

5.8.2 PCS1900 Peak to Average Ratio Results

Frequency (MHz)	Channel	Modulation	PAPR(dB)
1880	661	GMSK	11.4
		8PSK	11.1

5.8.3 NB-IoT Peak to Average Ratio Results

Mode	Channel	Frequency (MHz)	PAPR(dB)	PAPR(dB)
			QPSK	BPSK
Band2	18900	1880	3.7	7.0
Band12	23095	707.5	4.9	8.1
Band13	23230	782	7.1	7.1
Band17	23790	710	7.3	7.0
Band26	26865	831.5	6.9	5.9

5.8.4 CAT-M Peak to Average Ratio Results

Mode	Bandwidth	Modulation	Channel/Frequency (MHz)	PAPR (dB)
Band2	1.4MHz	QPSK	18900/1880	12.1
		16QAM	18900/1880	12.2
	3MHz	QPSK	18900/1880	12.8
		16QAM	18900/1880	12.0
	5MHz	QPSK	18900/1880	12.9
		16QAM	18900/1880	11.2
	10MHz	QPSK	18900/1880	9.7
		16QAM	18900/1880	10.1
	15MHz	QPSK	18900/1880	11.5
		16QAM	18900/1880	10.3
	20MHz	QPSK	18900/1880	9.1
		16QAM	18900/1880	7.0

Mode	Bandwidth	Modulation	Channel/Frequency (MHz)	PAPR (dB)
Band4	1.4MHz	QPSK	20175/1732.5	9.9
		16QAM	20175/1732.5	11.4
	3MHz	QPSK	20175/1732.5	10.6
		16QAM	20175/1732.5	10.7
	5MHz	QPSK	20175/1732.5	10.3
		16QAM	20175/1732.5	9.3
	10MHz	QPSK	20175/1732.5	6.8
		16QAM	20175/1732.5	7.8
	15MHz	QPSK	20175/1732.5	10.0
		16QAM	20175/1732.5	7.3
	20MHz	QPSK	20175/1732.5	7.3
		16QAM	20175/1732.5	6.5

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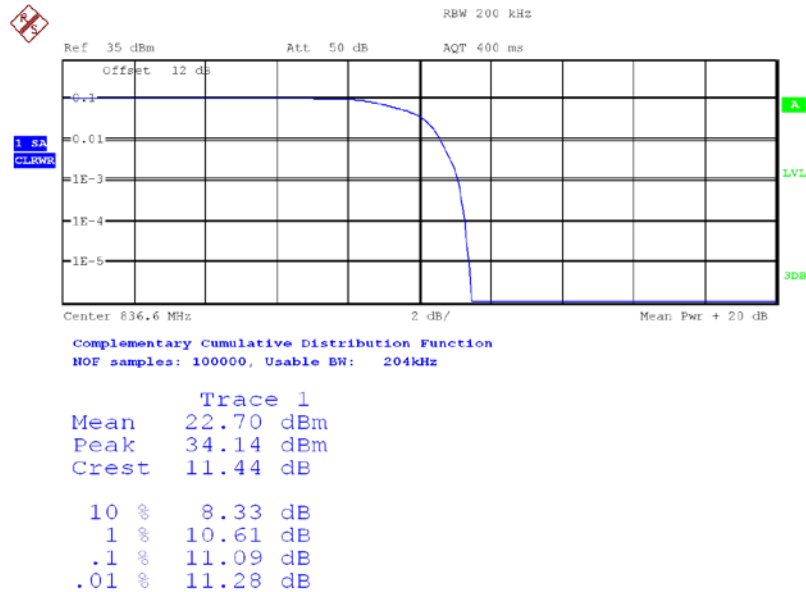
Report No.:B18W50279

Mode	Bandwidth	Modulation	Channel/Frequency (MHz)	PAPR (dB)
Band12	1.4MHz	QPSK	23095/707.5	11.2
		16QAM	23095/707.5	11.8
	3MHz	QPSK	23095/707.5	10.0
		16QAM	23095/707.5	10.6
	5MHz	QPSK	23095/707.5	9.3
		16QAM	23095/707.5	11.9
	10MHz	QPSK	23095/707.5	8.7
		16QAM	23095/707.5	9.3

Mode	Bandwidth	Modulation	Channel/Frequency (MHz)	PAPR (dB)
Band13	5MHz	QPSK	23230/782	11.2
		16QAM	23230/782	12.9
	10MHz	QPSK	23230/782	9.4
		16QAM	23230/782	11.0

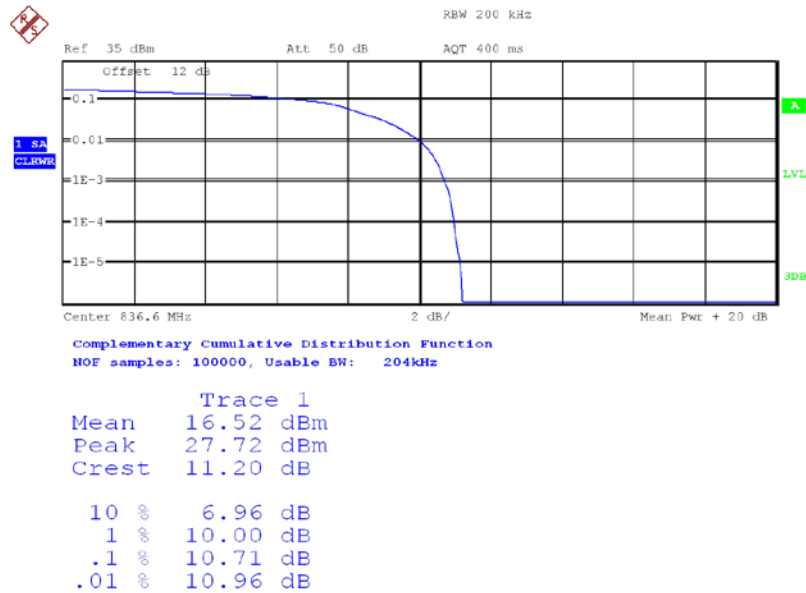
Mode	Bandwidth	Modulation	Channel/Frequency (MHz)	PAPR (dB)
Band26	1.4MHz	QPSK	26865/831.5	12.4
		16QAM	26865/831.5	12.9
	3MHz	QPSK	26865/831.5	10.7
		16QAM	26865/831.5	11.2
	5MHz	QPSK	26865/831.5	9.3
		16QAM	26865/831.5	12.8
	10MHz	QPSK	26865/831.5	8.7
		16QAM	26865/831.5	9.6
	15MHz	QPSK	26865/831.5	8.4
		16QAM	26865/831.5	11.1

Graphical for Peak to Average Ratio Results for GSM850:



Date: 13.AUG.2018 14:25:18

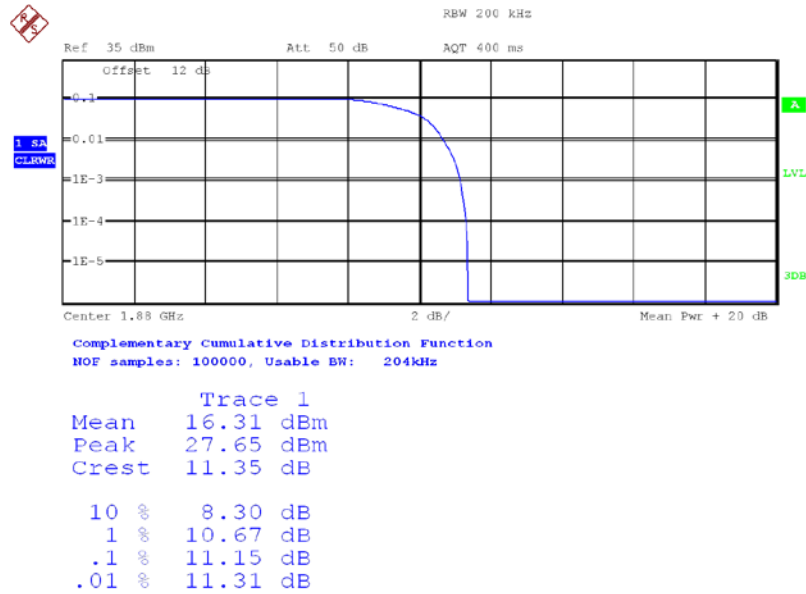
836.6MHz-CH190-GMSK



Date: 13.AUG.2018 14:28:57

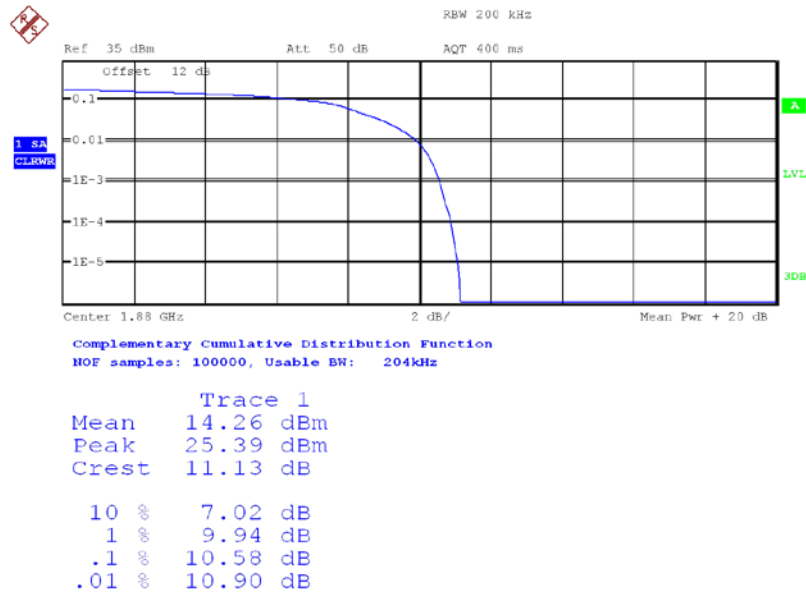
836.6MHz-CH190-8PSK

Graphical for Peak to Average Ratio Results for PCS1900:



Date: 13.AUG.2018 14:32:44

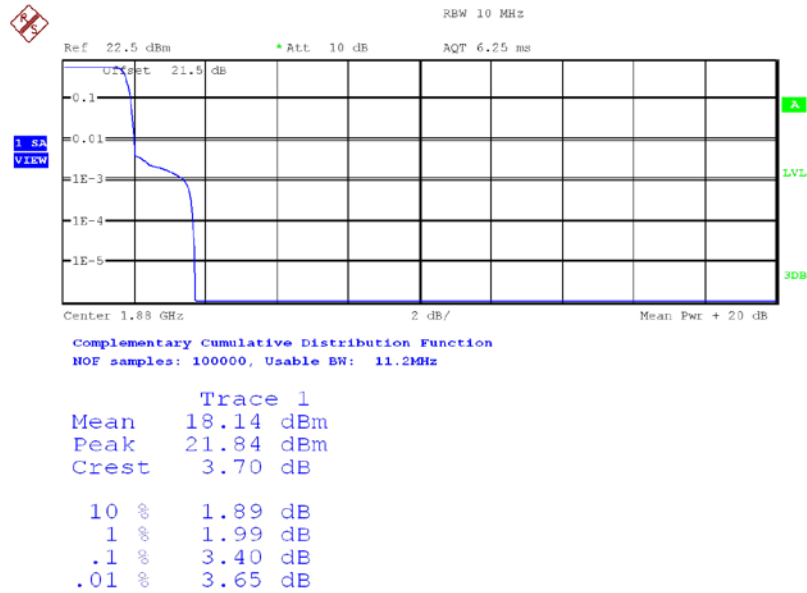
1880MHz-CH661-GMSK



Date: 13.AUG.2018 14:31:36

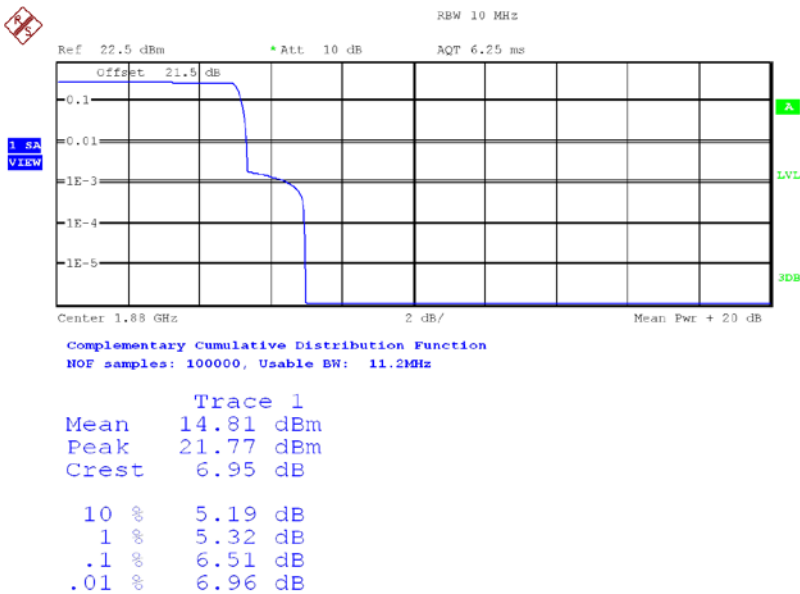
1880MHz-CH661-8PSK

Graphical for Peak to Average Ratio Results for NB-IoT:



Date: 5.AUG.2018 22:38:18

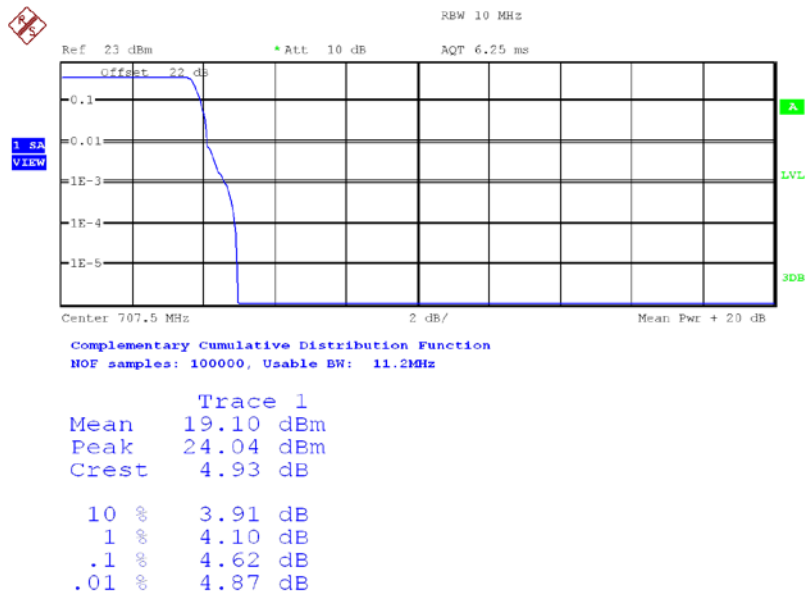
Band2-CH18900-1880MHz-QPSK



Date: 5.AUG.2018 22:37:33

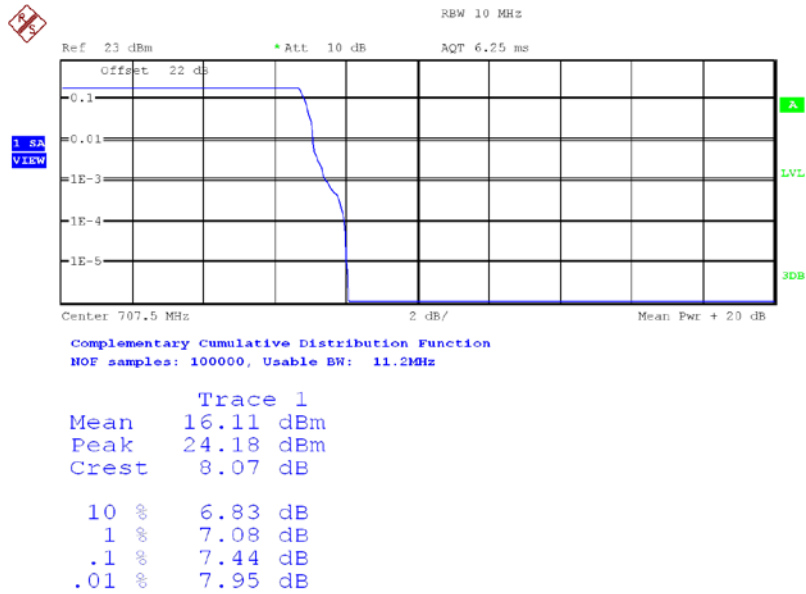
Report No.:B18W50279

Band2-CH18900-1880MHz-BPSK



Date: 5.AUG.2018 22:33:24

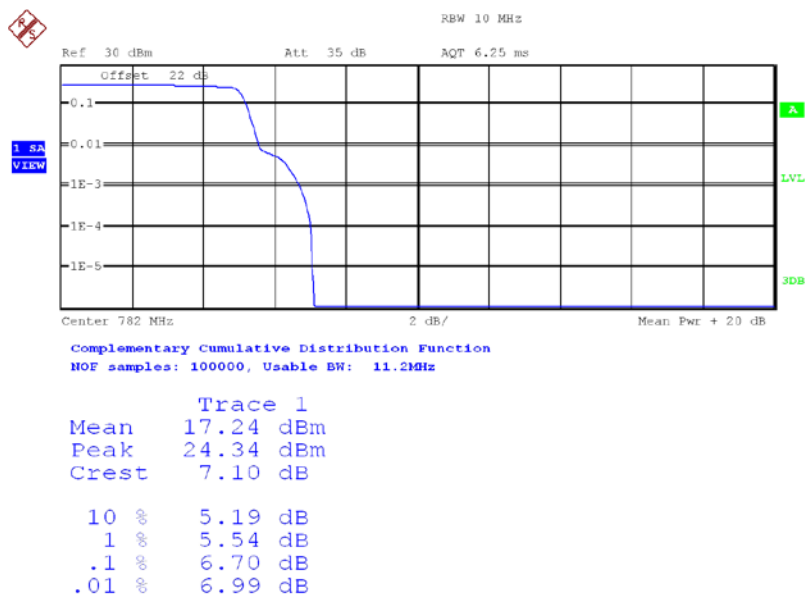
Band12-CH23095-707.5MHz Bandwidth-QPSK



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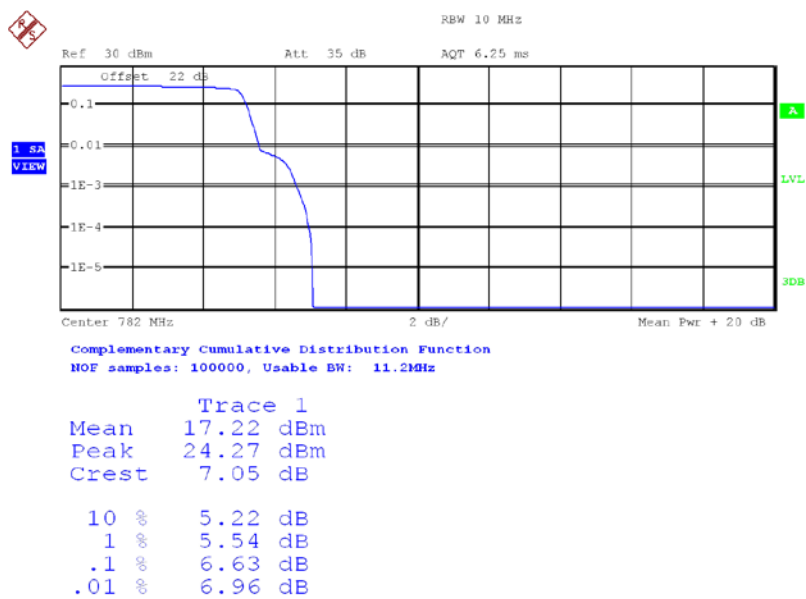
Band12-CH23095-707.5MHz Bandwidth-BPSK

Report No.:B18W50279



Date: 5.AUG.2018 21:57:02

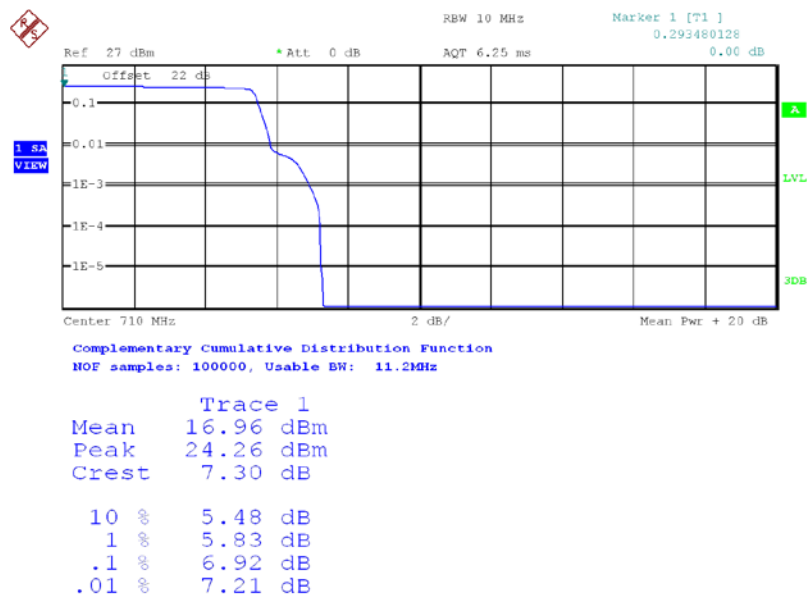
Band13-CH23230-782MHz-QPSK



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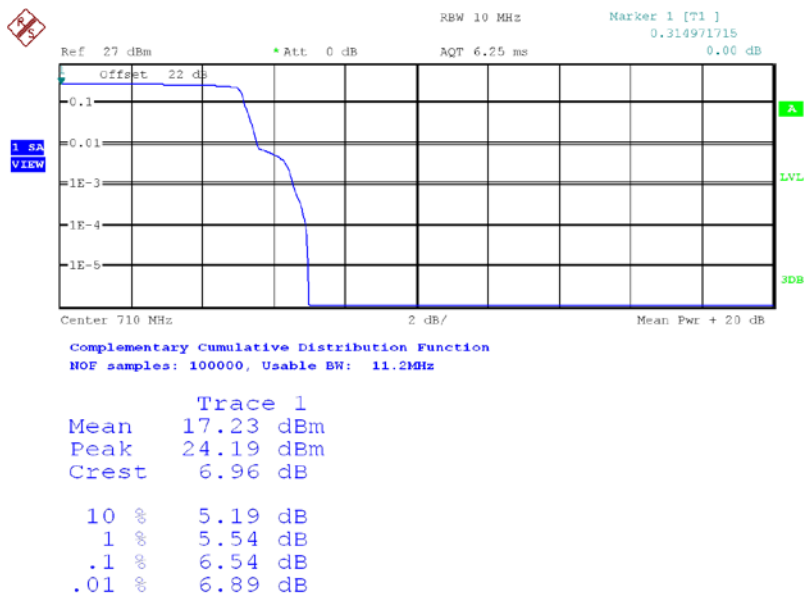
Band13-CH23230-782MHz-BPSK

Report No.:B18W50279



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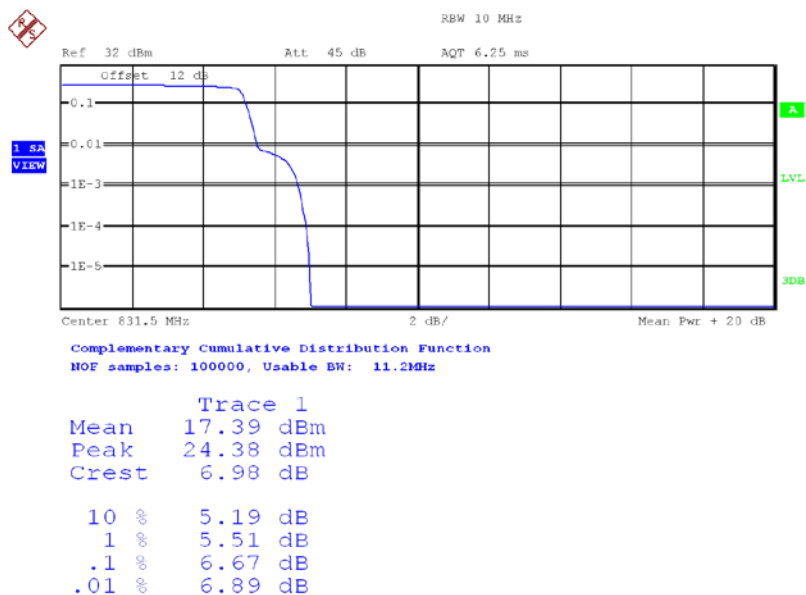
Band17-CH23790-710MHz Bandwidth-QPSK



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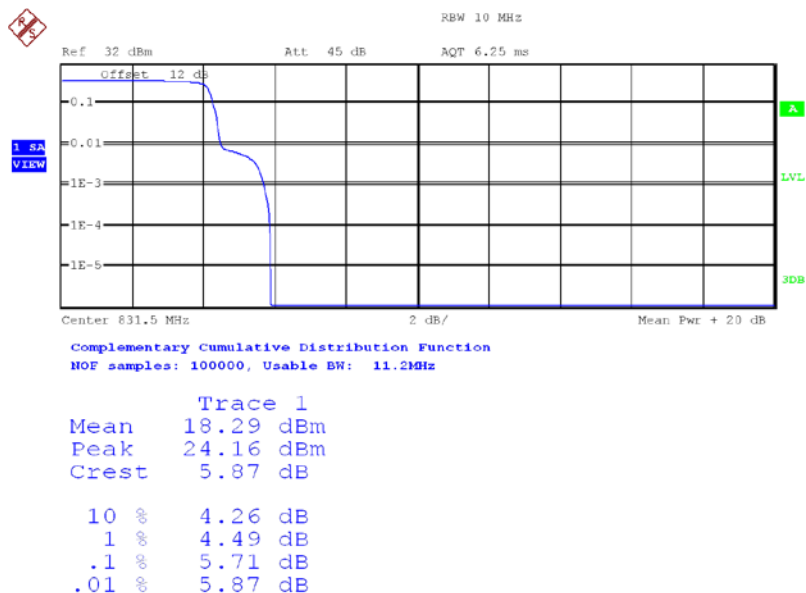
Band17-CH23790-710MHz Bandwidth-BPSK

Report No.:B18W50279



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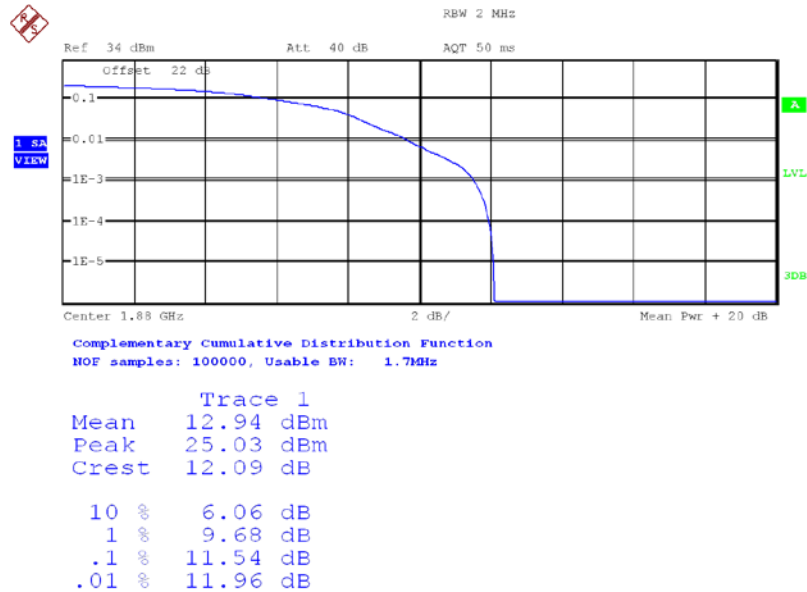
Band26-CH26865-831.5MHz Bandwidth-QPSK



Date: 5.AUG.2018 18:04:40

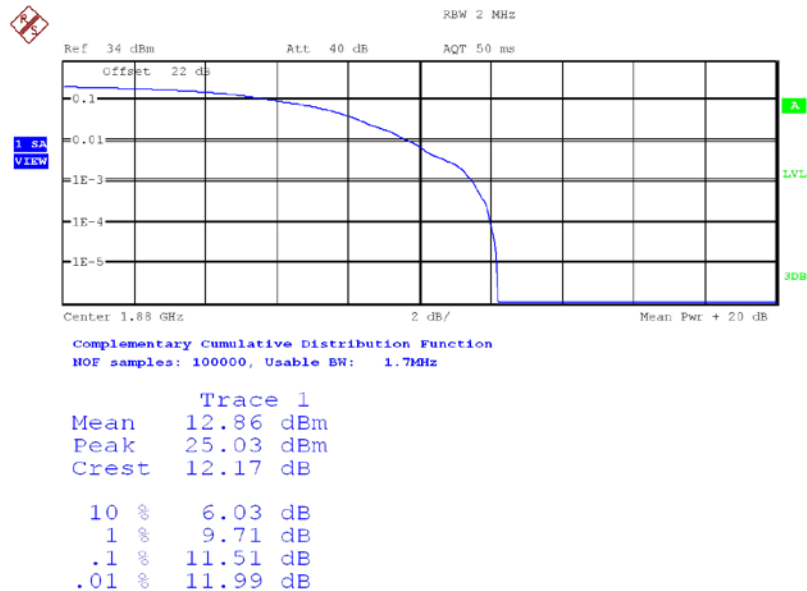
Band26-CH26865-831.5MHz Bandwidth-BPSK

Graphical for Peak to Average Ratio Results for CAT-M:



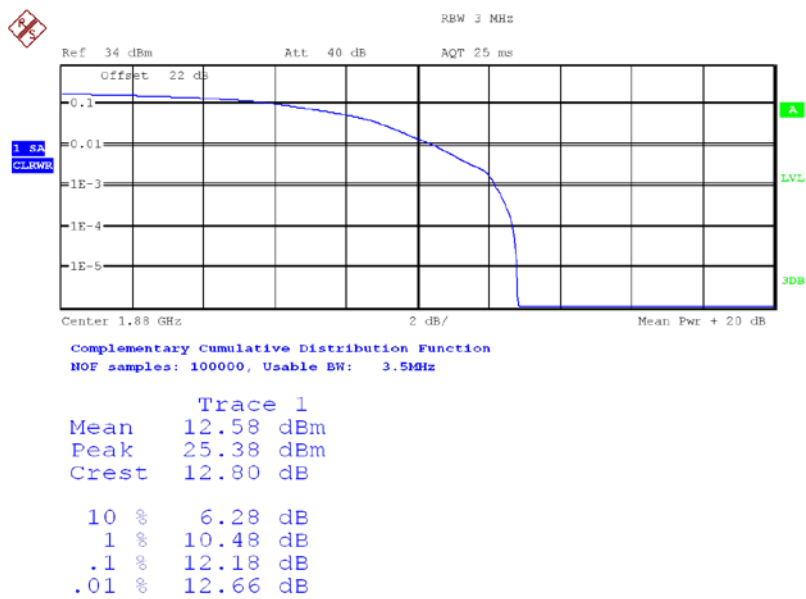
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Band2-CH18900-1880MHz-1.4MHz Bandwidth-QPSK



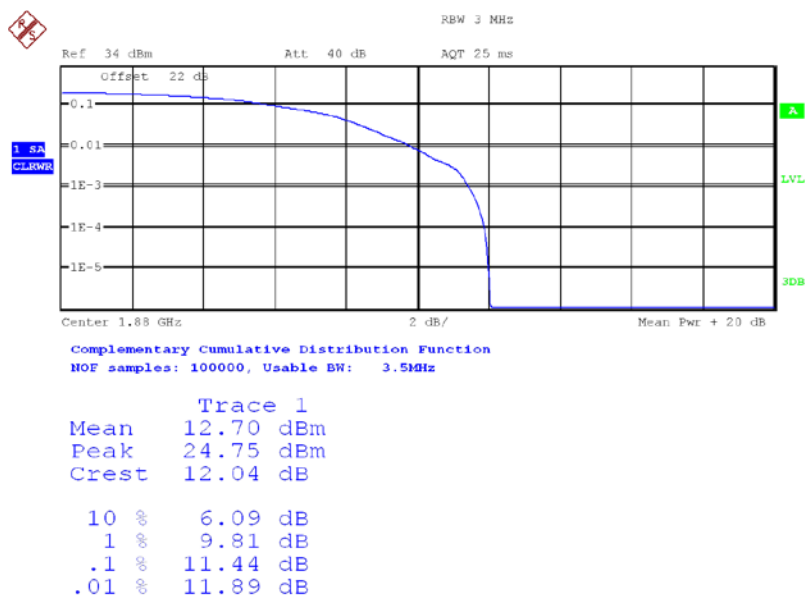
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Band2-CH18900-1880MHz-1.4MHz Bandwidth-16QAM



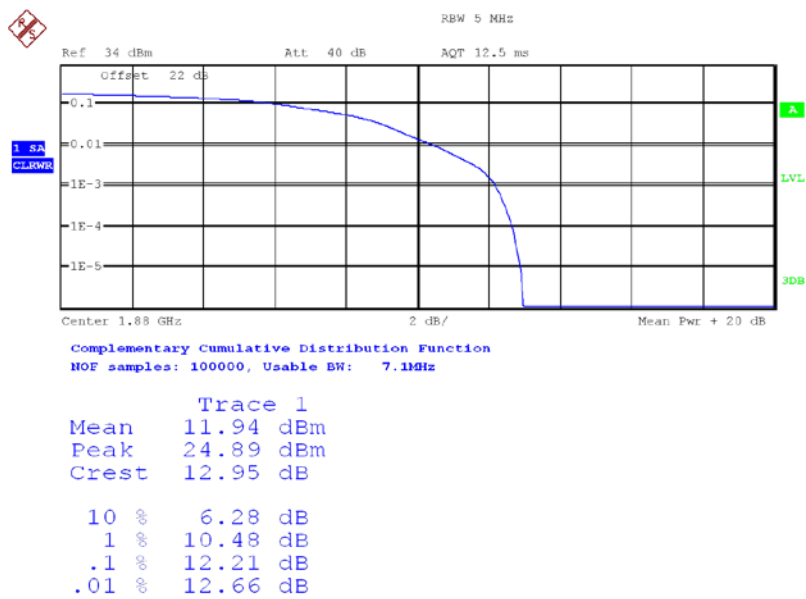
Date: 8.AUG.2018 13:47:24

Band2-CH18900-1880MHz-3MHz Bandwidth-QPSK



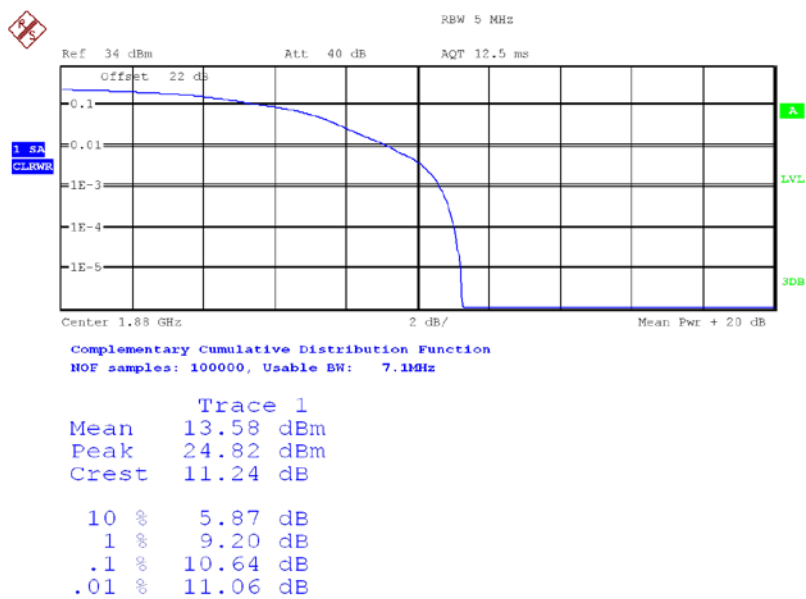
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Band2-CH18900-1880MHz-3MHz Bandwidth-16QAM



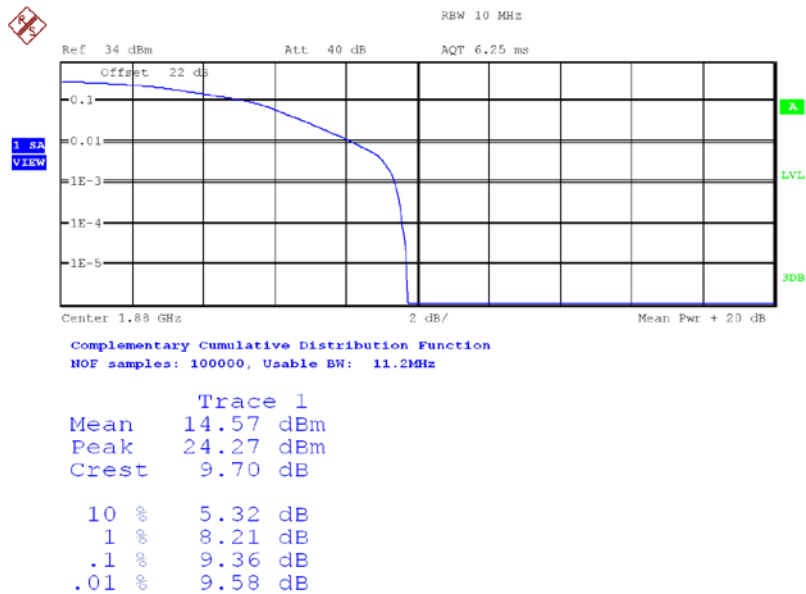
Date: 8.AUG.2018 13:45:30

Band2-CH18900-1880MHz-5MHz Bandwidth-QPSK



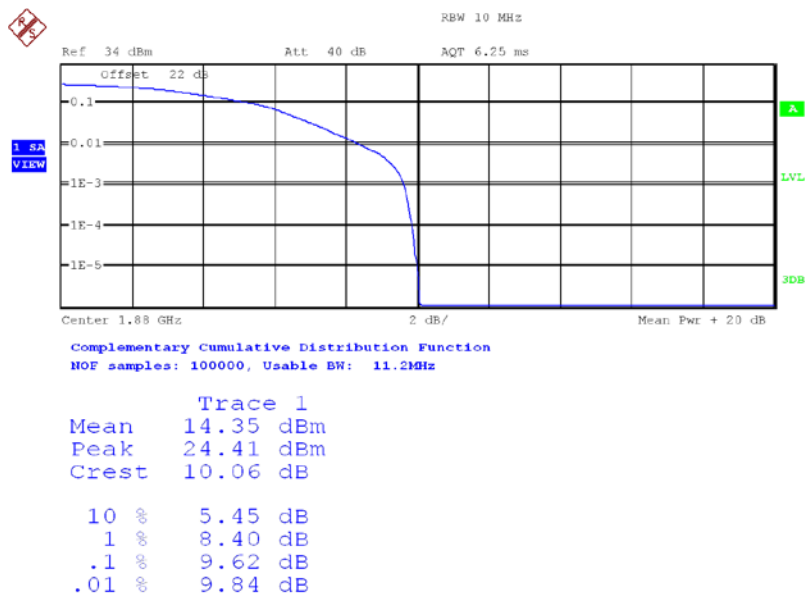
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Band2-CH18900-1880MHz-5MHz Bandwidth-16QAM



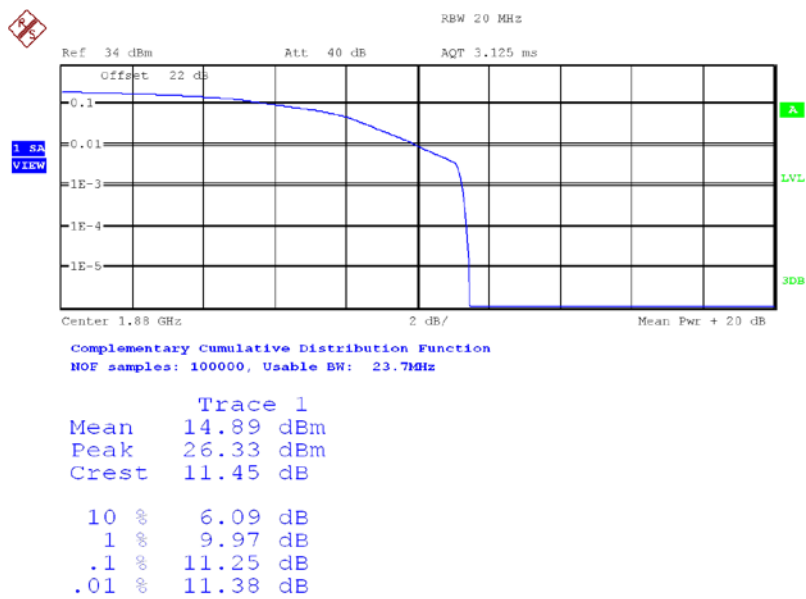
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Band2-CH18900-1880MHz-10MHz Bandwidth-QPSK



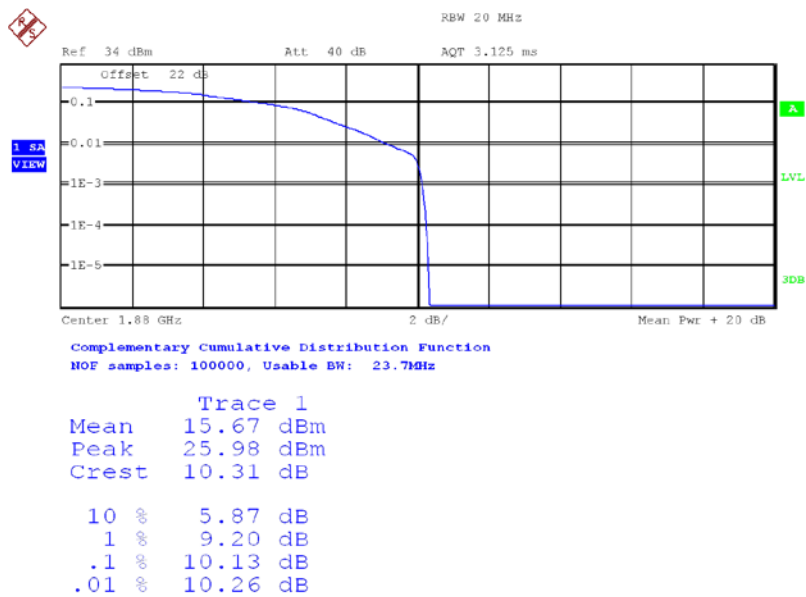
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Band2-CH18900-1880MHz-10MHz Bandwidth-16QAM



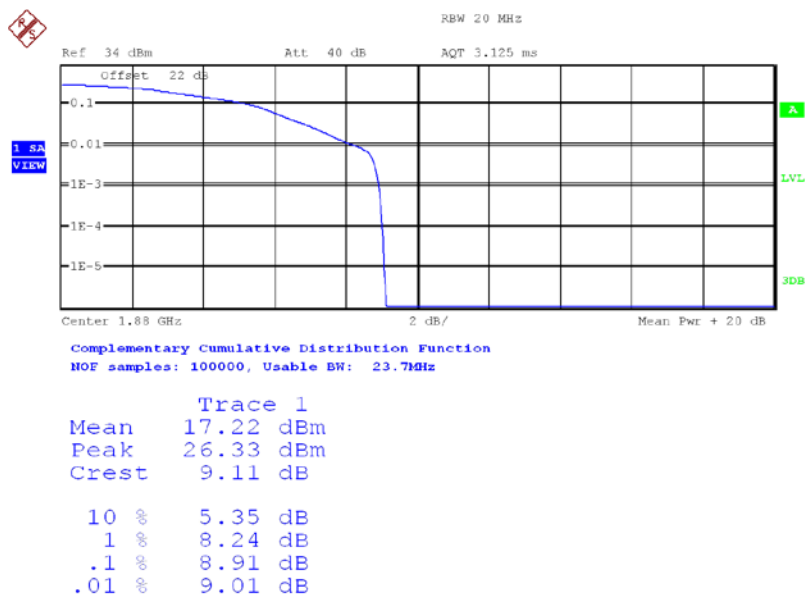
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Band2-CH18900-1880MHz-15MHz Bandwidth-QPSK



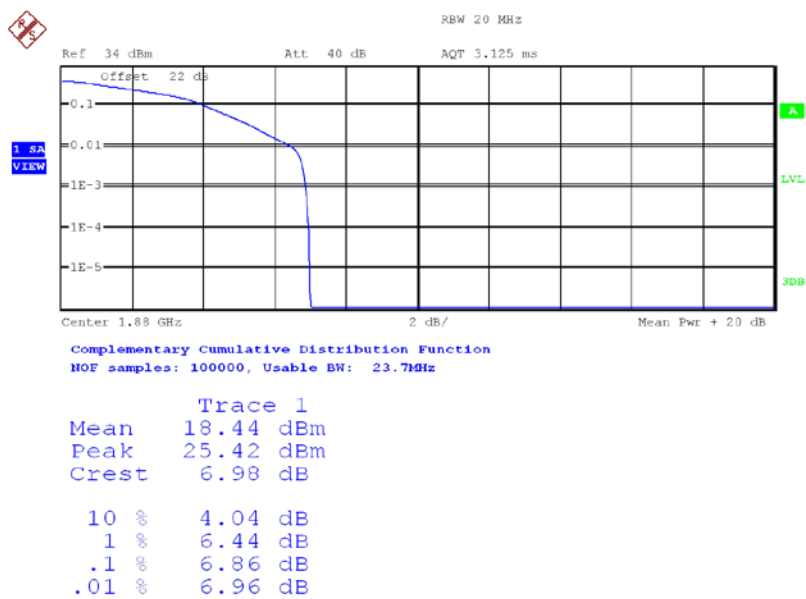
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Band2-CH18900-1880MHz-15MHz Bandwidth-16QAM



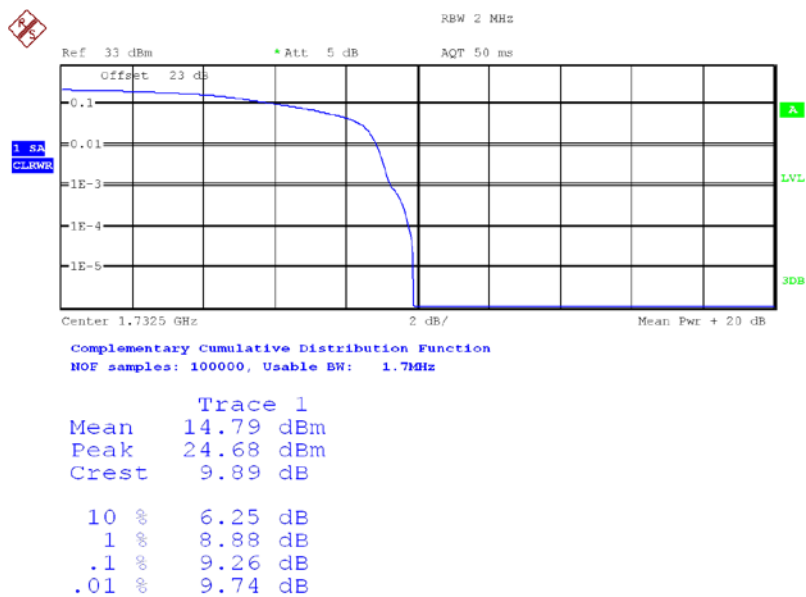
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Band2-CH18900-1880MHz-20MHz Bandwidth-QPSK



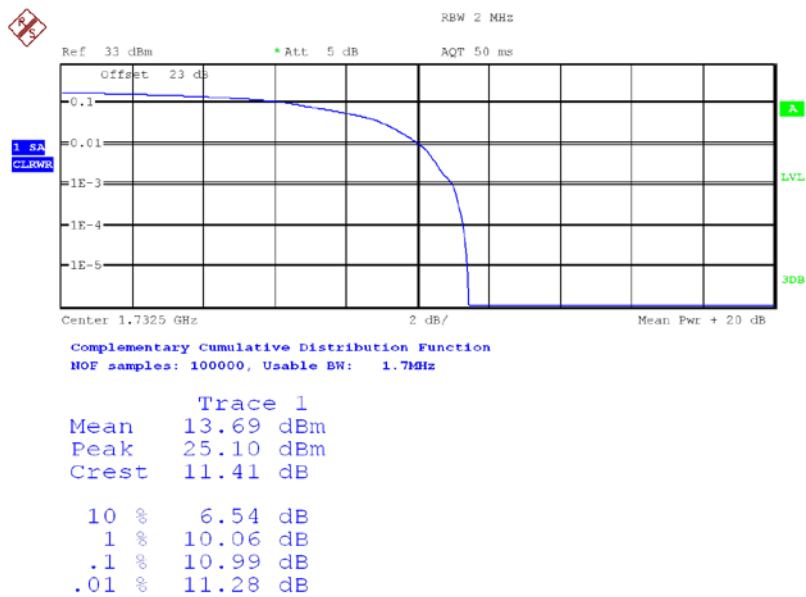
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Band2-CH18900-1880MHz-20MHz Bandwidth-16QAM



Date: 7.AUG.2018 11:09:30

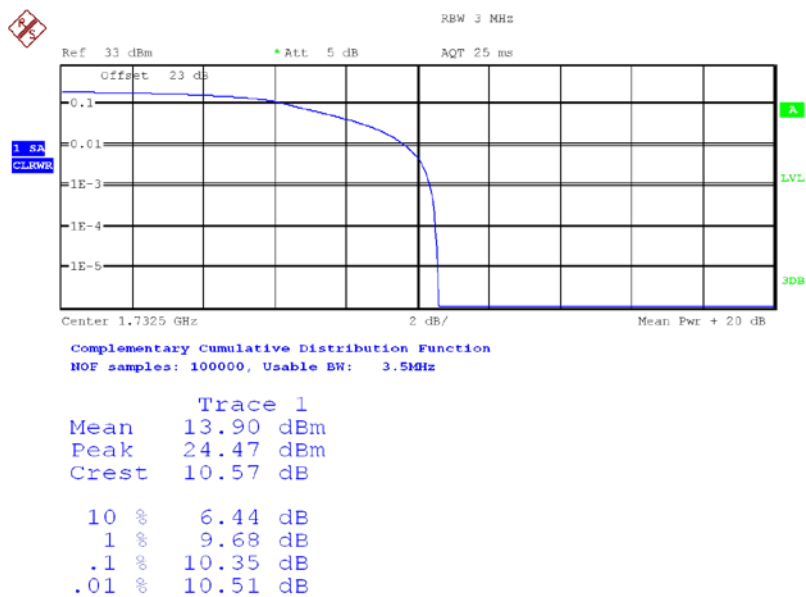
Band4-CH20175-707.5MHz -1.4MHz Bandwidth-QPSK



Date: 7.AUG.2018 11:09:51

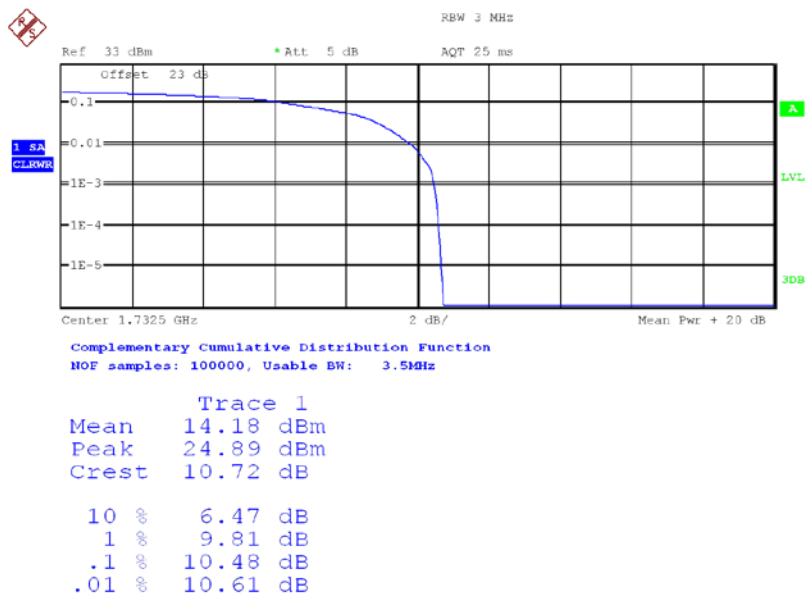
Band4-CH20175-707.5MHz -1.4MHz Bandwidth-16QAM

Report No.:B18W50279



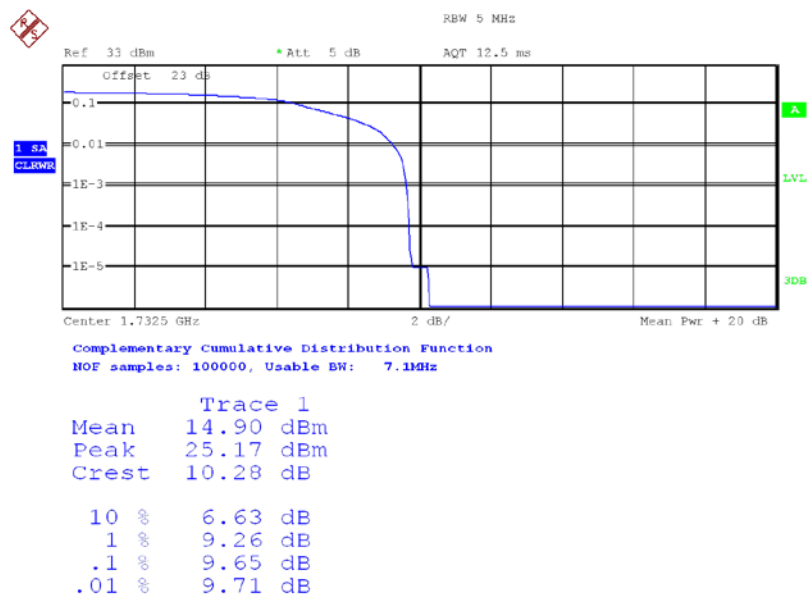
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Band4-CH20175-707.5MHz -3MHz Bandwidth-QPSK



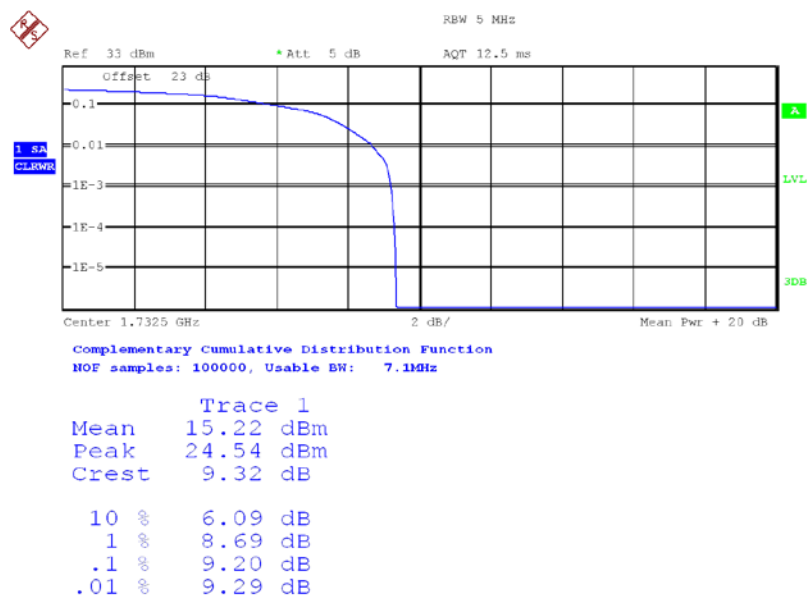
Date: 7.AUG.2018 11:10:18

Band4-CH20175-707.5MHz -3MHz Bandwidth-16QAM



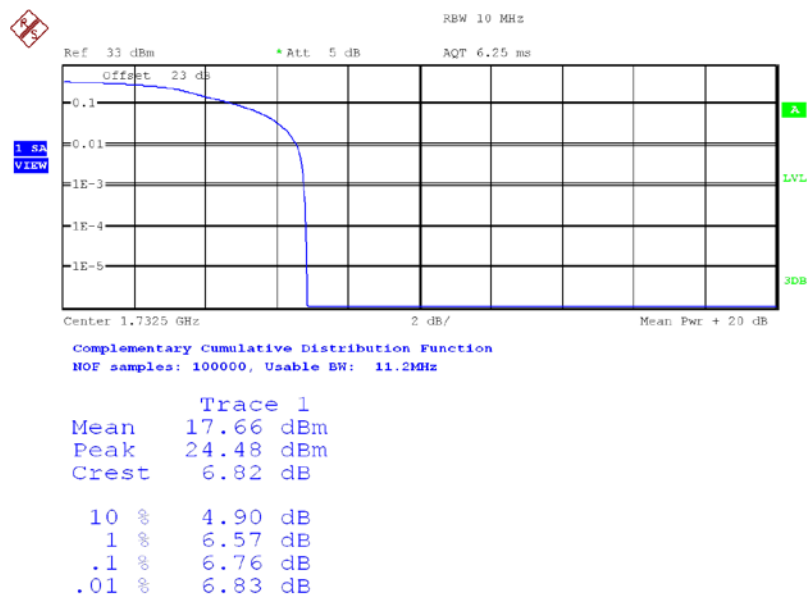
Date: 7.AUG.2018 11:11:13

Band4-CH20175-707.5MHz -5MHz Bandwidth-QPSK



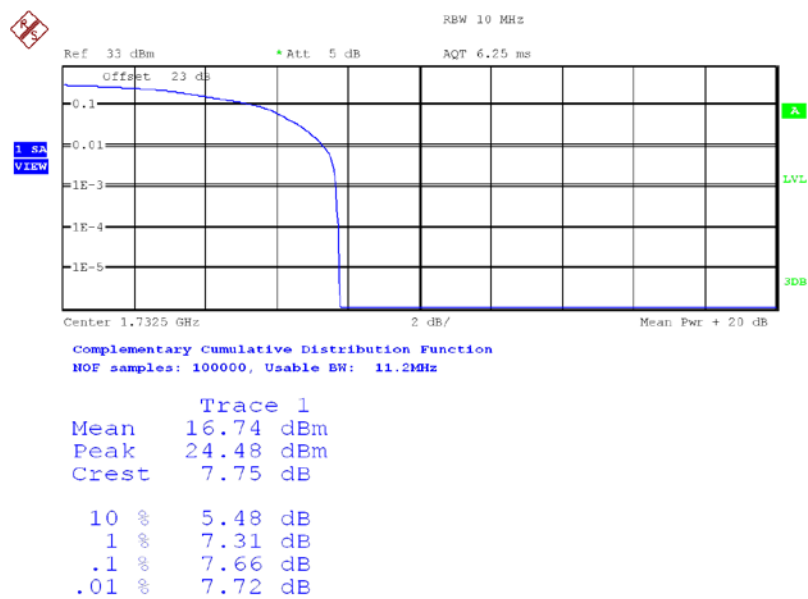
Date: 7.AUG.2018 11:11:32

Band4-CH20175-707.5MHz-5MHz Bandwidth-16QAM



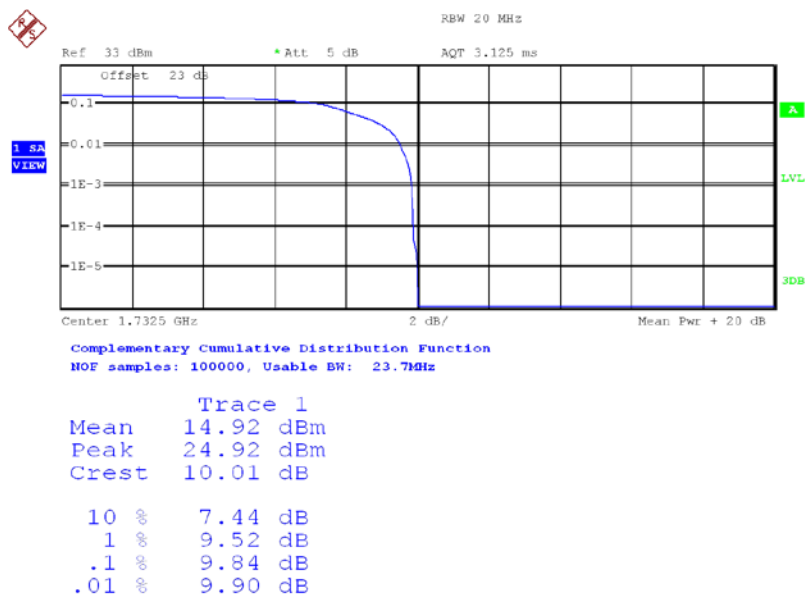
Date: 7.AUG.2018 11:12:33

Band4-CH20175-707.5MHz-10MHz Bandwidth-QPSK



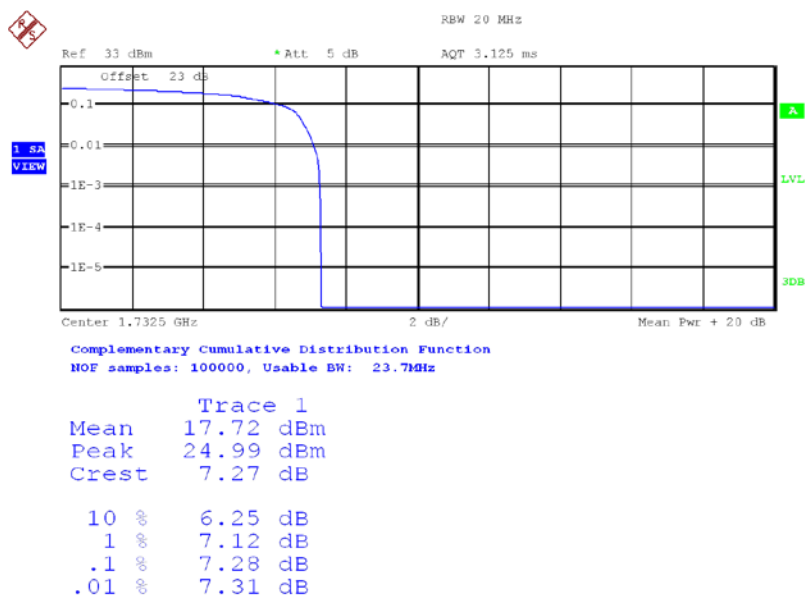
Date: 7.AUG.2018 11:12:07

Band4-CH20175-707.5MHz-10MHz Bandwidth-16QAM



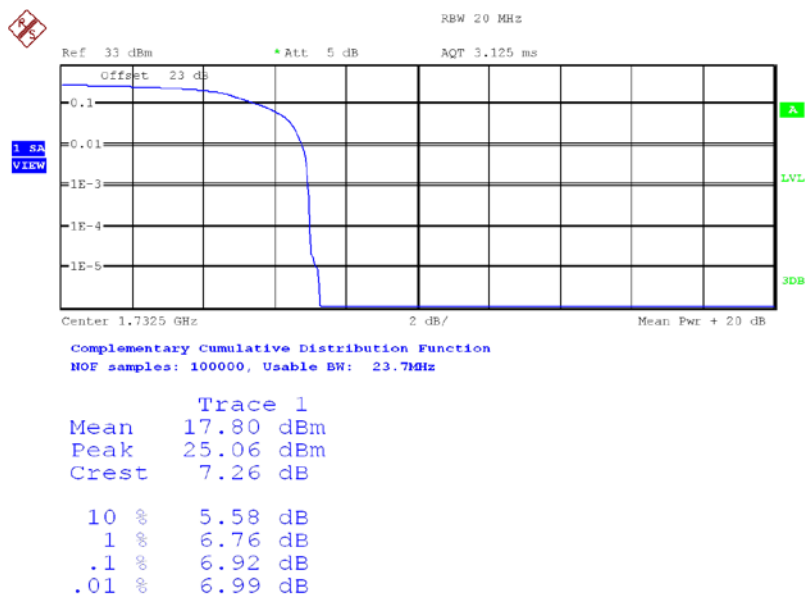
Date: 7.AUG.2018 11:13:10

Band4-CH20175-707.5MHz -15MHz Bandwidth-QPSK



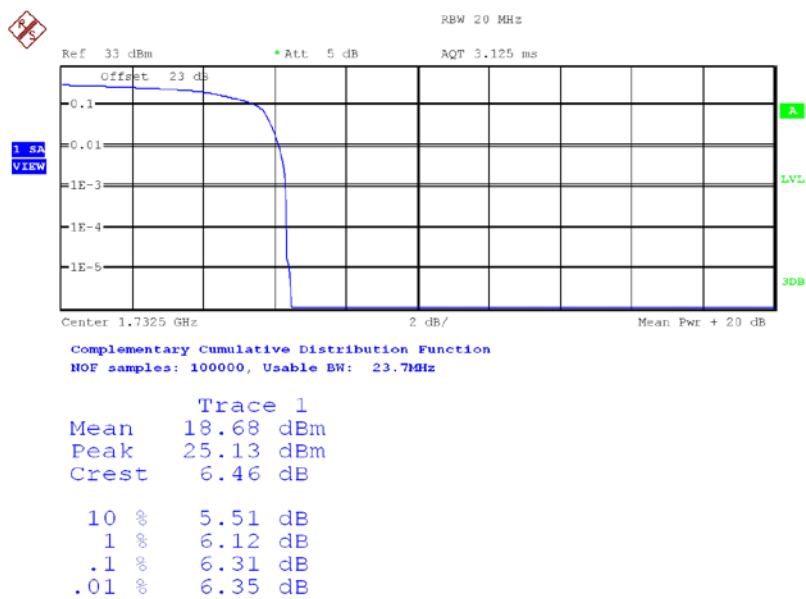
Date: 7.AUG.2018 11:13:38

Band4-CH20175-707.5MHz-15MHz Bandwidth-16QAM



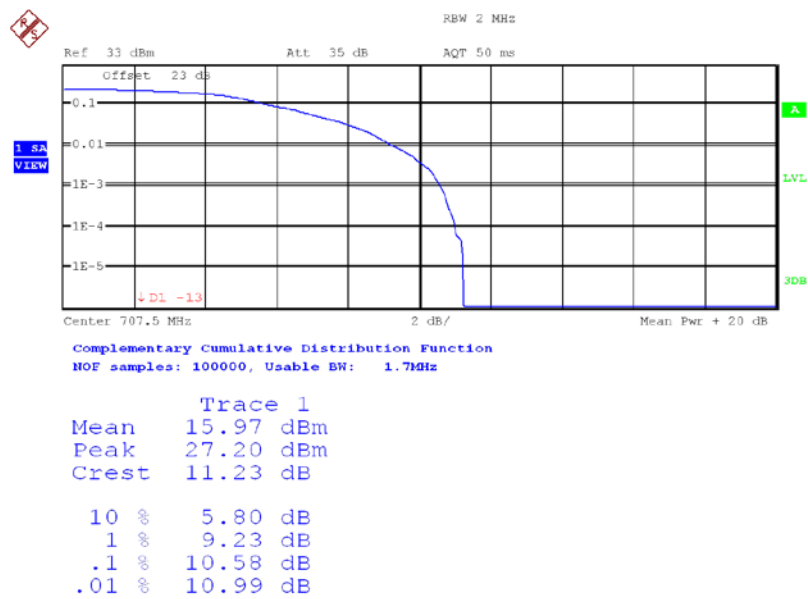
Date: 7.AUG.2018 11:14:38

Band4-CH20175-707.5MHz-20MHz Bandwidth-QPSK



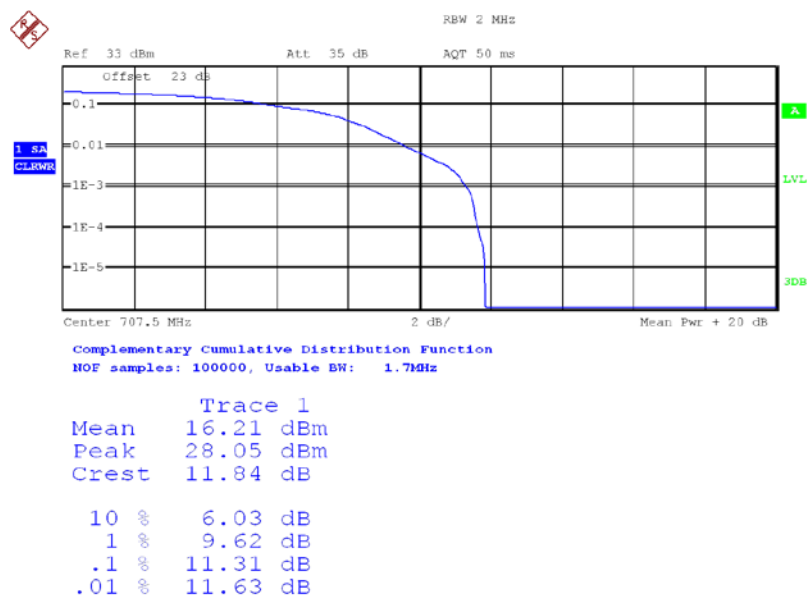
Date: 7.AUG.2018 11:14:10

Band4-CH20175-707.5MHz-20MHz Bandwidth-16QAM



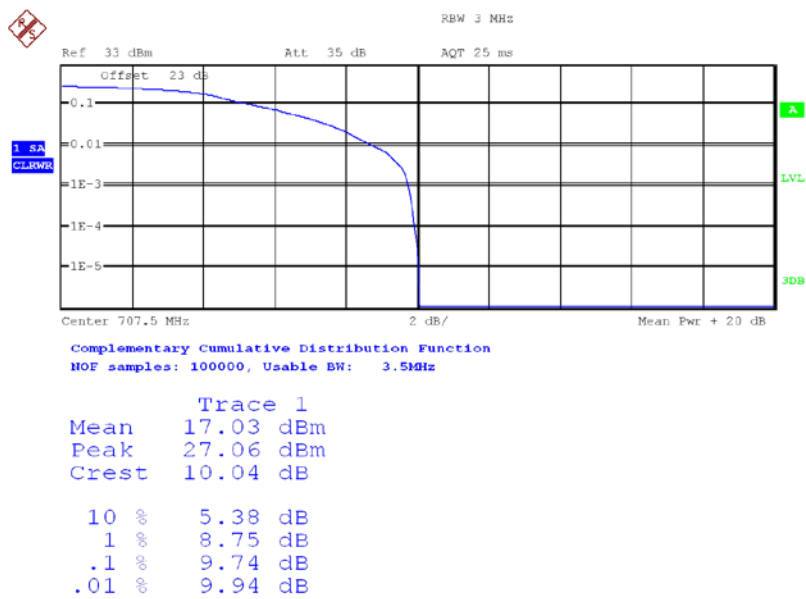
Date: 7.AUG.2018 15:01:38

Band12-CH23095-782MHz-1.4MHz Bandwidth-QPSK



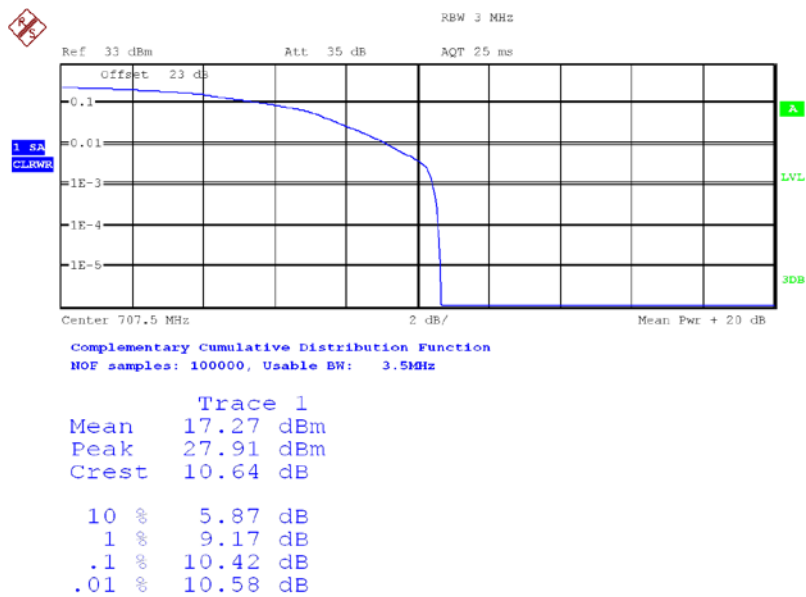
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Band12-CH23095-782MHz-1.4MHz Bandwidth-16QAM



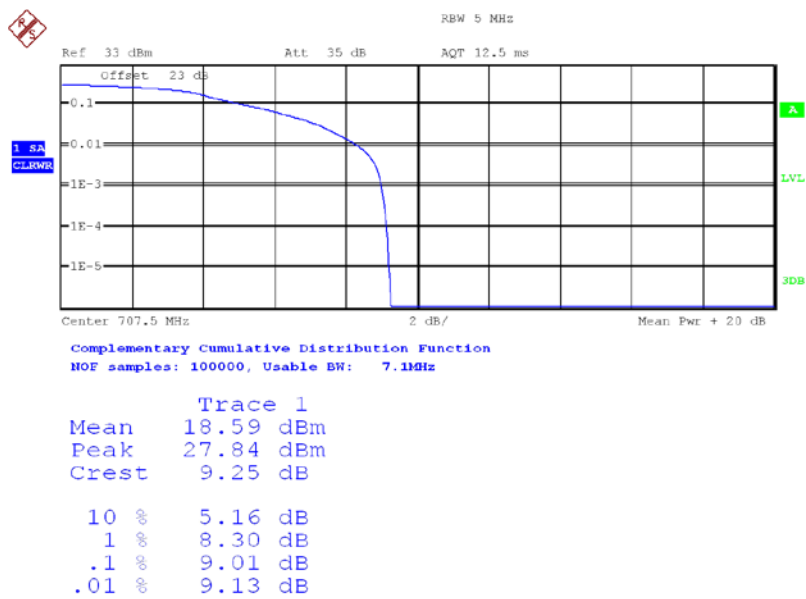
Date: 7.AUG.2018 15:03:52

Band12-CH23095-782MHz-3MHz Bandwidth-QPSK



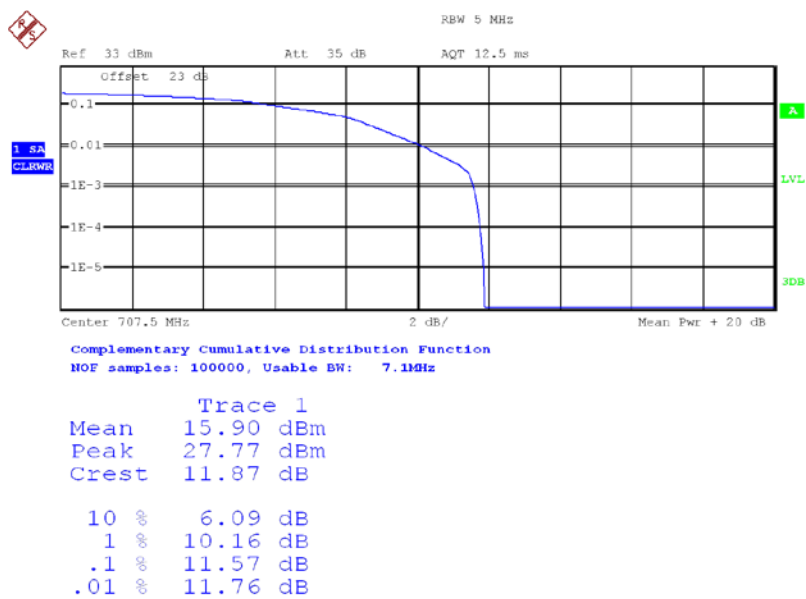
Date: 7.AUG.2018 15:03:37

Band12-CH23095-782MHz-3MHz Bandwidth-16QAM



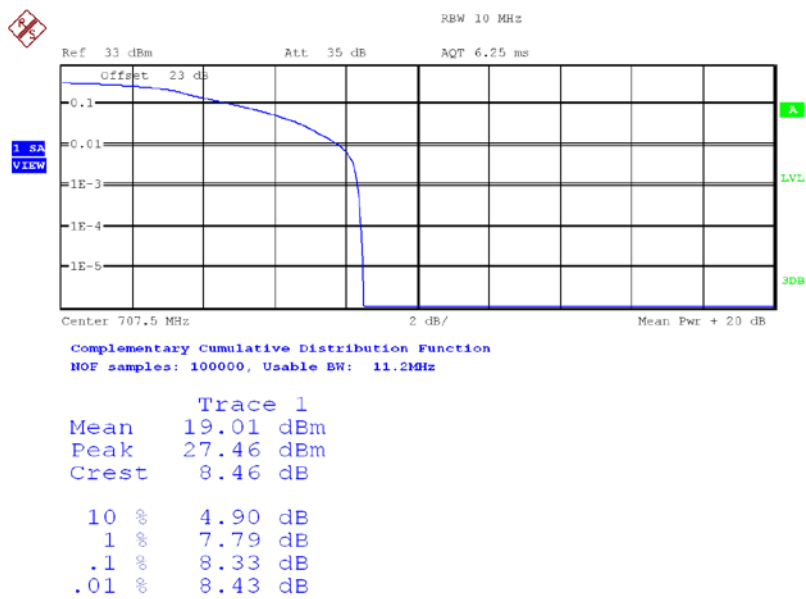
Date: 7.AUG.2018 15:04:13

Band12-CH23095-782MHz-5MHz Bandwidth-QPSK



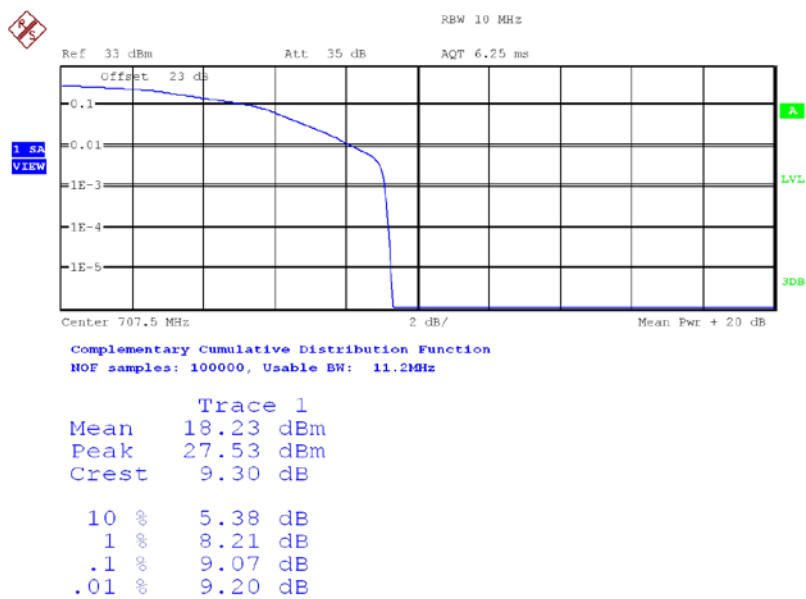
Date: 7.AUG.2018 15:04:24

Band12-CH23095-782MHz-5MHz Bandwidth-16QAM



Date: 7.AUG.2018 15:05:15

Band12-CH23095-782MHz-10MHz Bandwidth-QPSK



Date: 7.AUG.2018 15:04:59

Band12-CH23095-782MHz-10MHz Bandwidth-16QAM