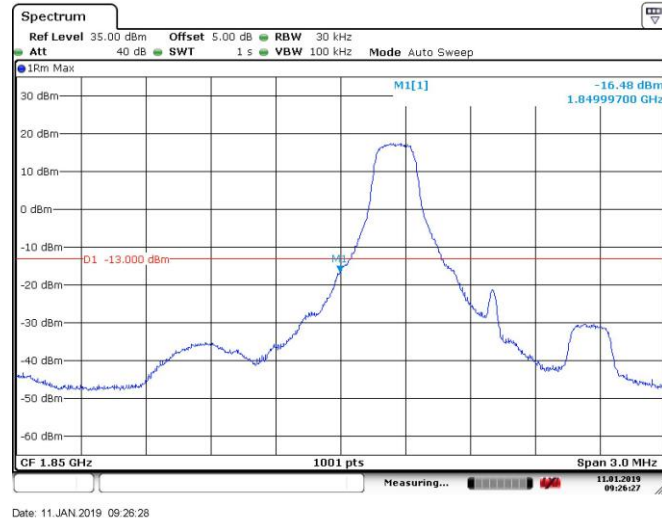


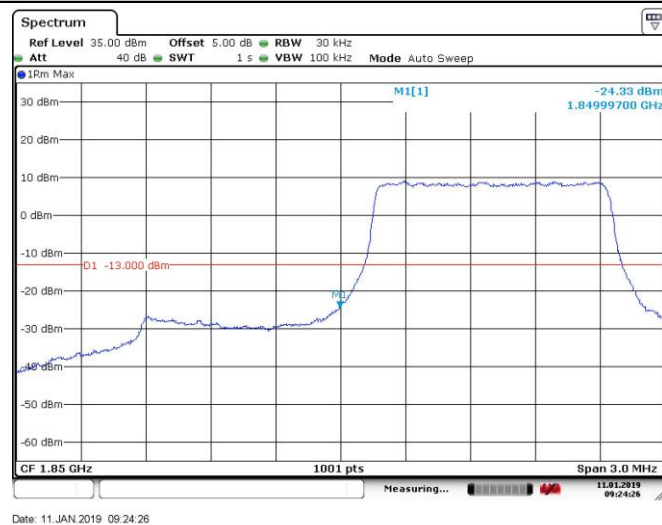
7. Band Edge Compliance

7.1. Test Plots

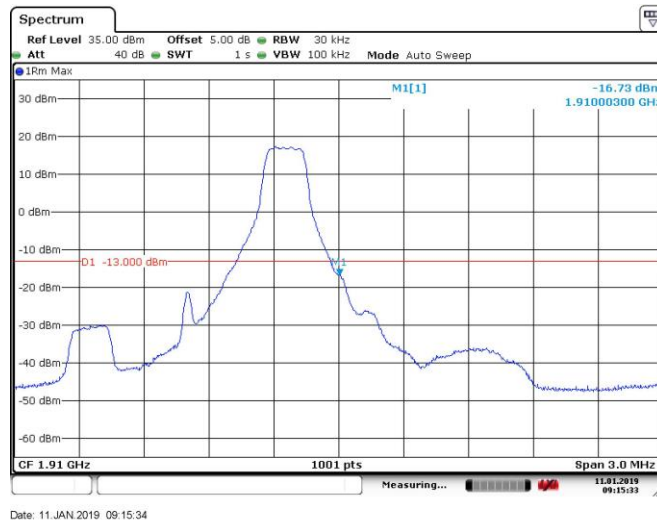
Band2_1.4MHz_QPSK_18607_1RB#0



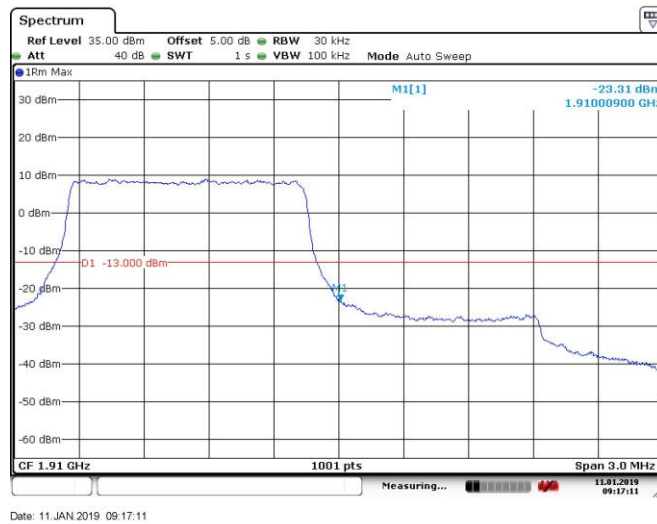
Band2_1.4MHz_QPSK_18607_6RB#0



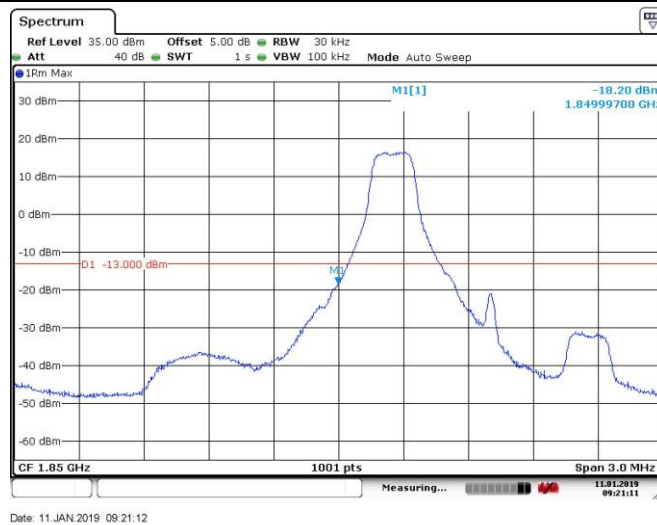
Band2_1.4MHz_QPSK_19193_1RB#5



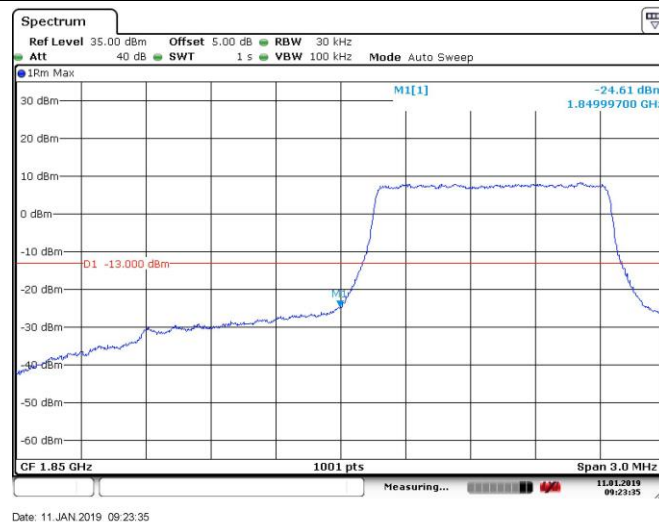
Band2_1.4MHz_QPSK_19193_6RB#0



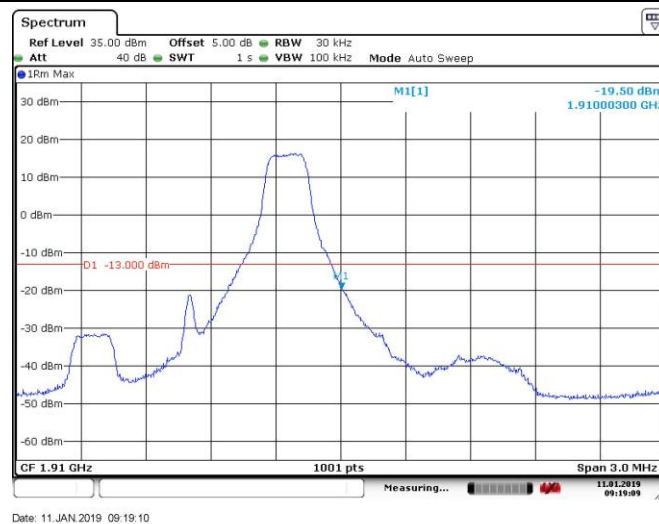
Band2_1.4MHz_16QAM_18607_1RB#0



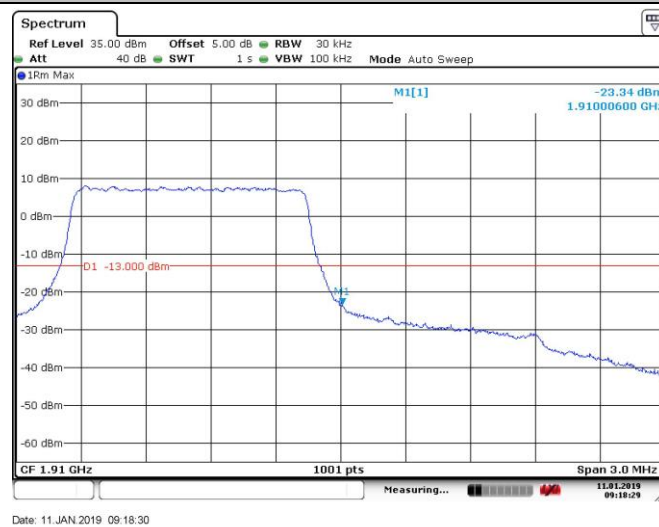
Band2_1.4MHz_16QAM_18607_6RB#0



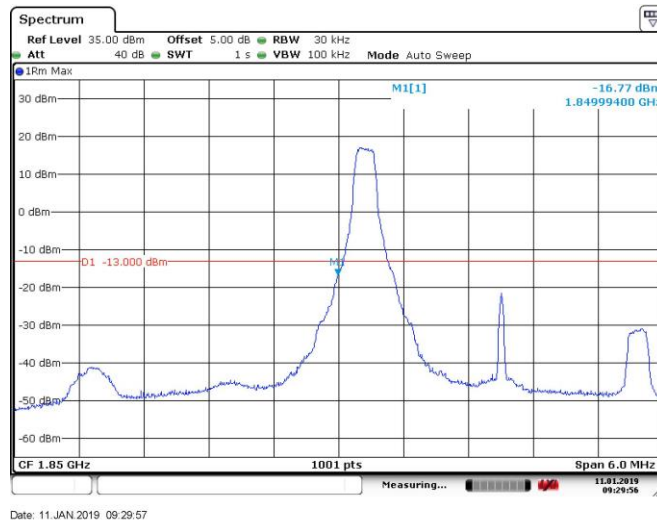
Band2_1.4MHz_16QAM_19193_1RB#5



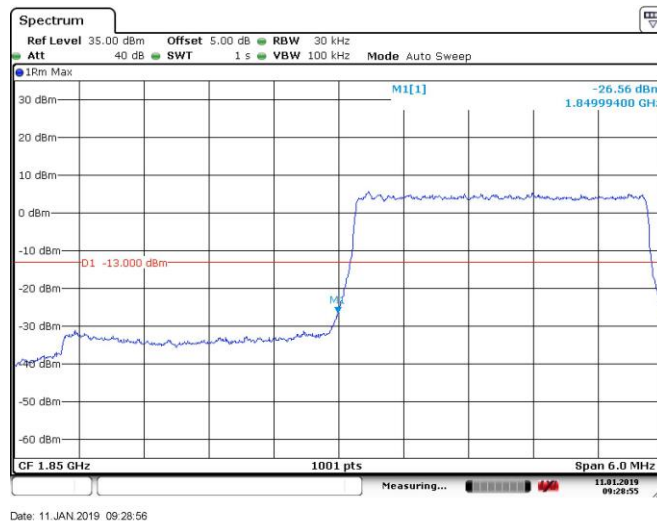
Band2_1.4MHz_16QAM_19193_6RB#0



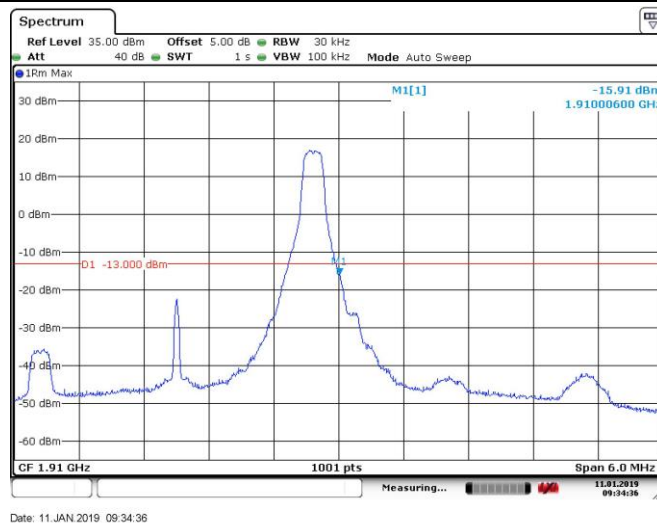
Band2_3MHz_QPSK_18615_1RB#0



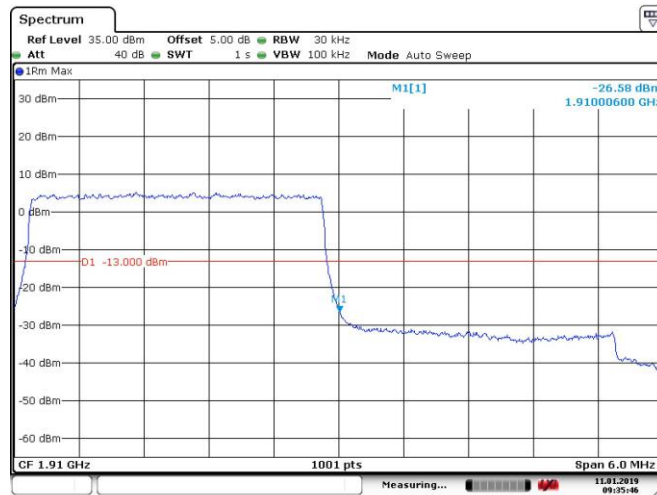
Band2_3MHz_QPSK_18615_15RB#0



Band2_3MHz_QPSK_19185_1RB#14

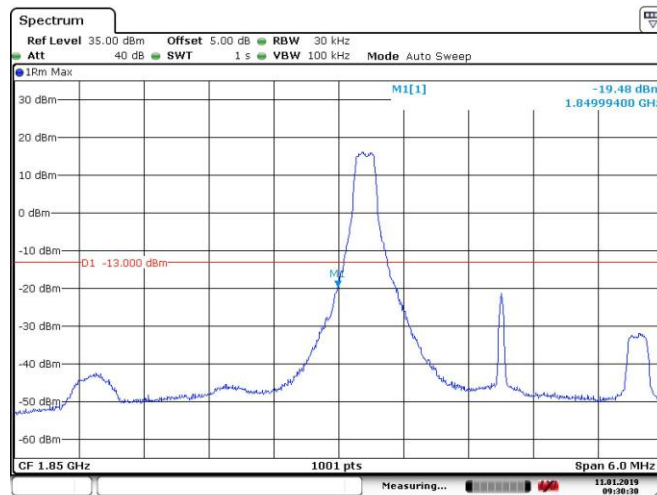


Band2_3MHz_QPSK_19185_15RB#0



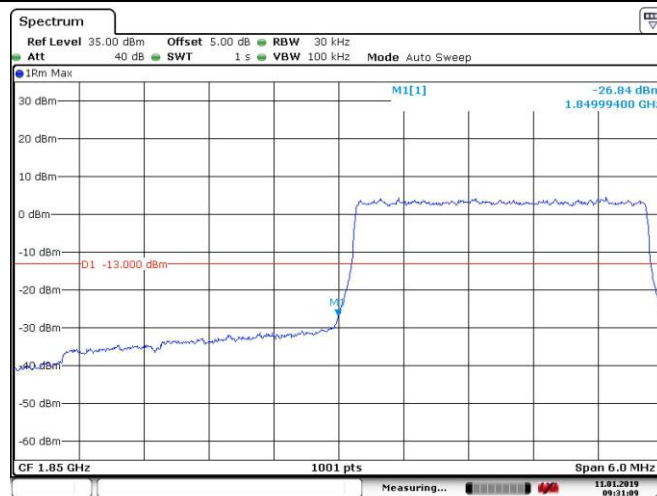
Date: 11.JAN.2019 09:35:47

Band2_3MHz_16QAM_18615_1RB#0



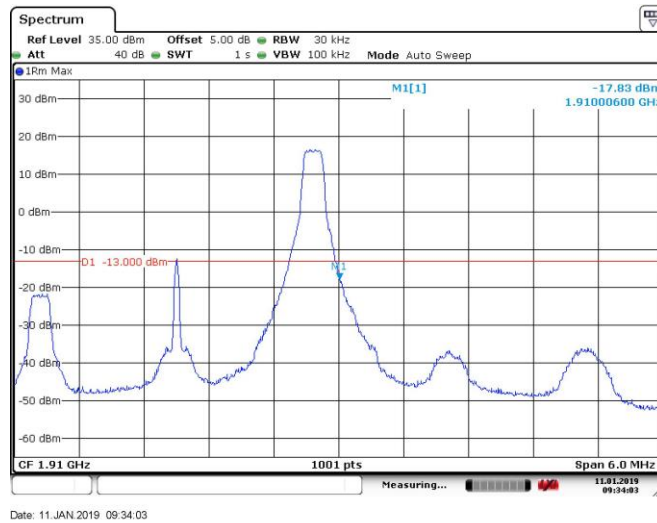
Date: 11.JAN.2019 09:36:30

Band2_3MHz_16QAM_18615_15RB#0

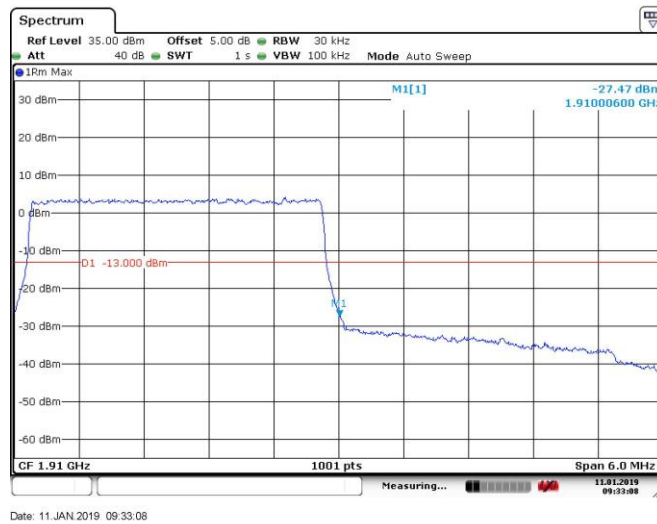


Date: 11.JAN.2019 09:31:10

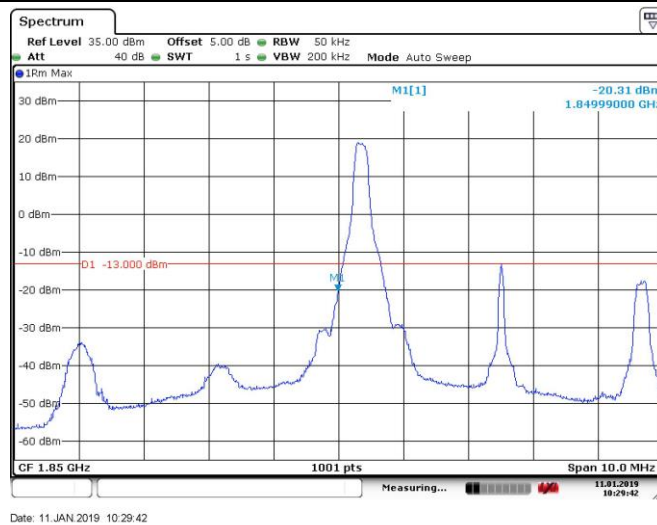
Band2_3MHz_16QAM_19185_1RB#14



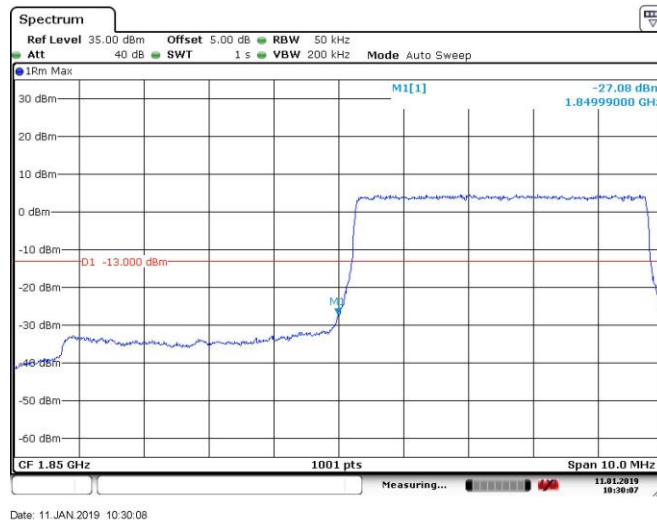
Band2_3MHz_16QAM_19185_15RB#0



Band2_5MHz_QPSK_18625_1RB#0

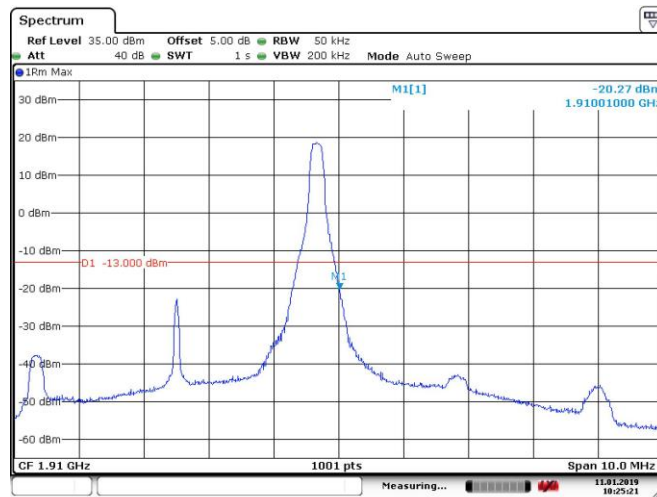


Band2_5MHz_QPSK_18625_25RB#0



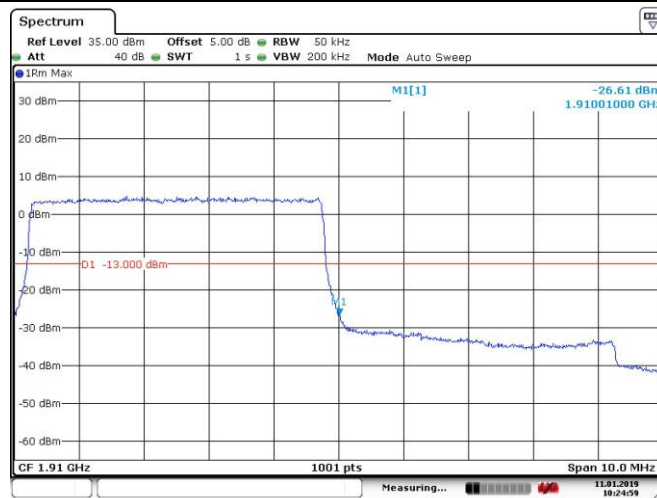
Date: 11.JAN.2019 10:30:08

Band2_5MHz_QPSK_19175_1RB#24



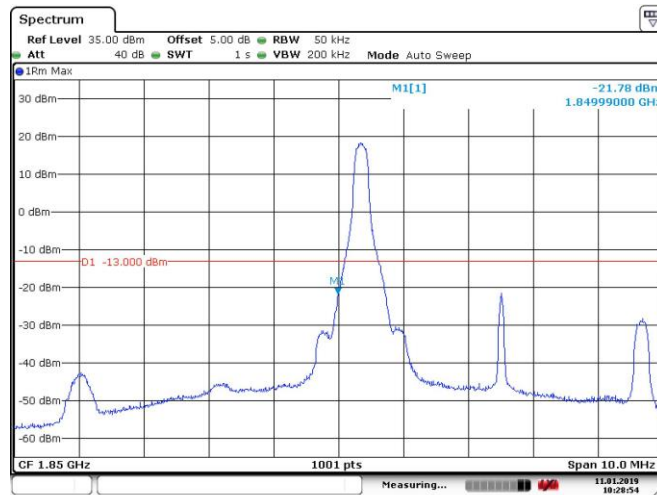
Date: 11.JAN.2019 10:25:22

Band2_5MHz_QPSK_19175_25RB#0



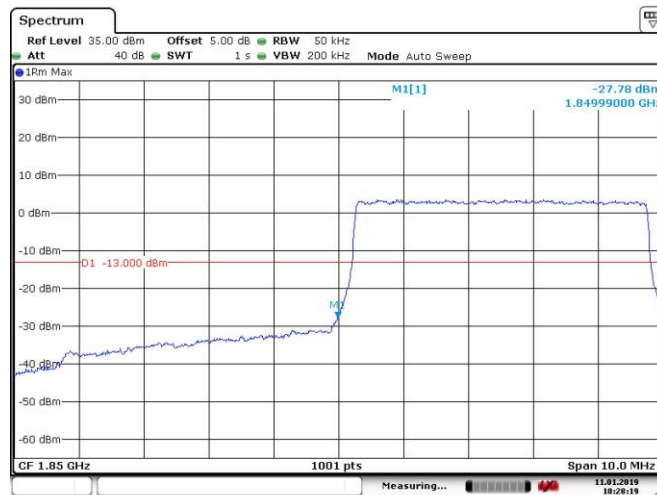
Date: 11.JAN.2019 10:24:59

Band2_5MHz_16QAM_18625_1RB#0



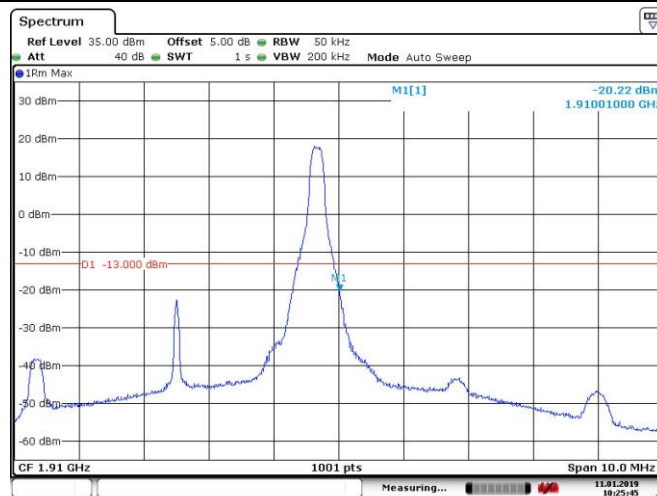
Date: 11.JAN.2019 10:28:54

Band2_5MHz_16QAM_18625_25RB#0



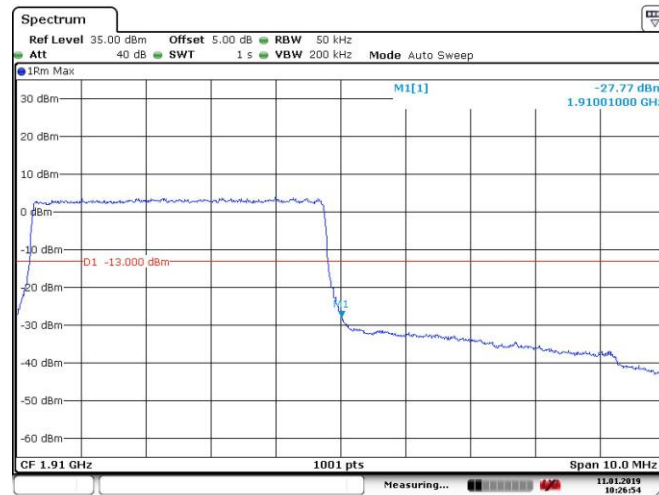
Date: 11.JAN.2019 10:28:19

Band2_5MHz_16QAM_19175_1RB#24



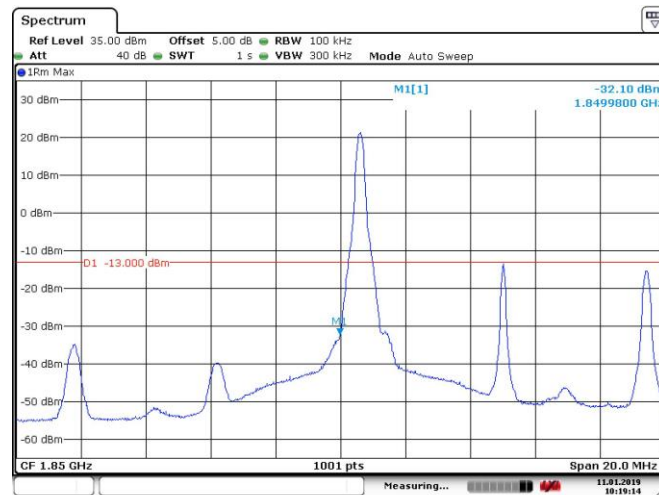
Date: 11.JAN.2019 10:25:45

Band2_5MHz_16QAM_19175_25RB#0



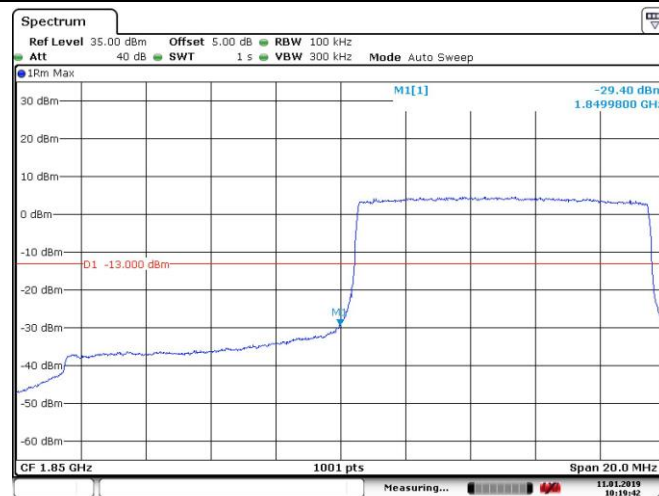
Date: 11.JAN.2019 10:26:54

Band2_10MHz_QPSK_18650_1RB#0



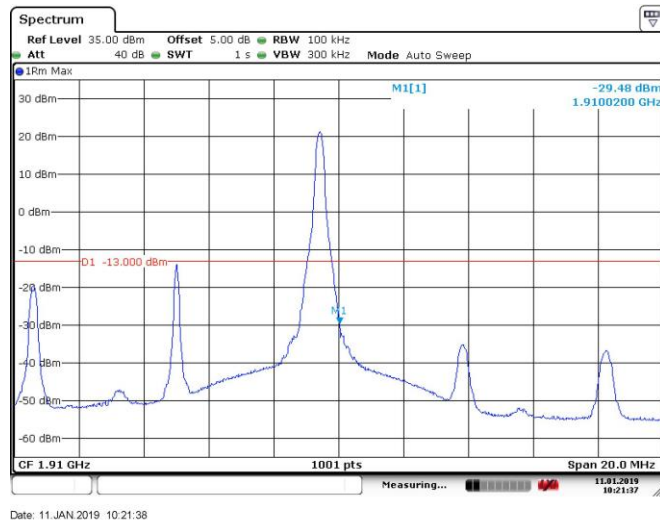
Date: 11.JAN.2019 10:19:14

Band2_10MHz_QPSK_18650_50RB#0

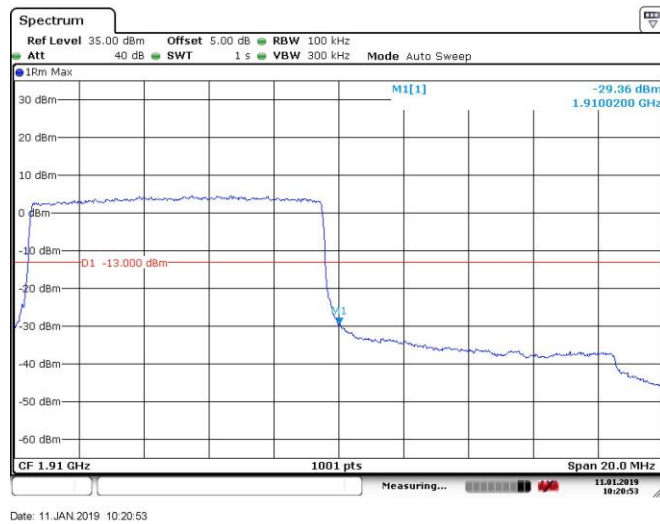


Date: 11.JAN.2019 10:19:42

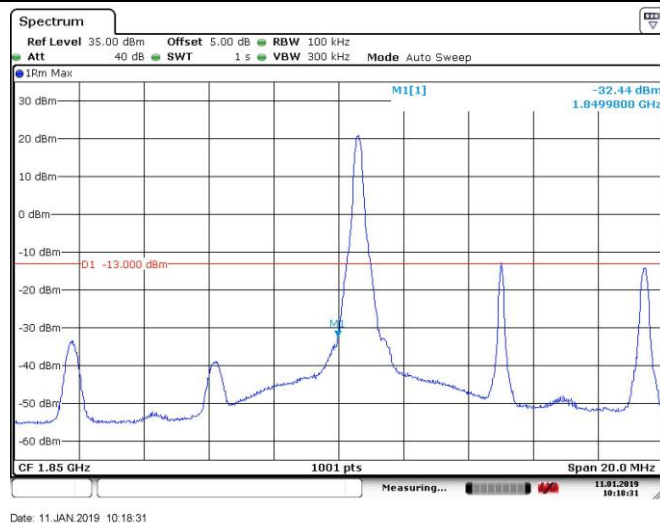
Band2_10MHz_QPSK_19150_1RB#49



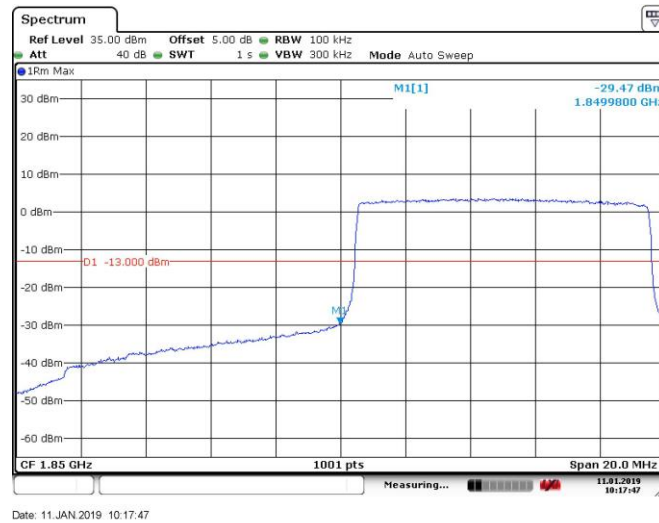
Band2_10MHz_QPSK_19150_50RB#0



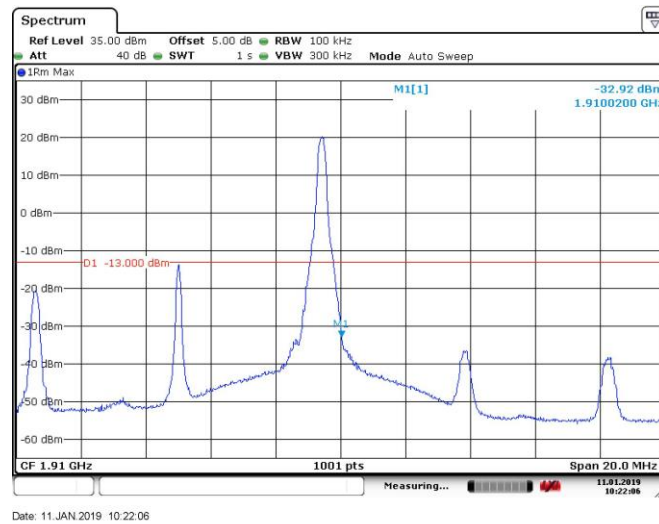
Band2_10MHz_16QAM_18650_1RB#0



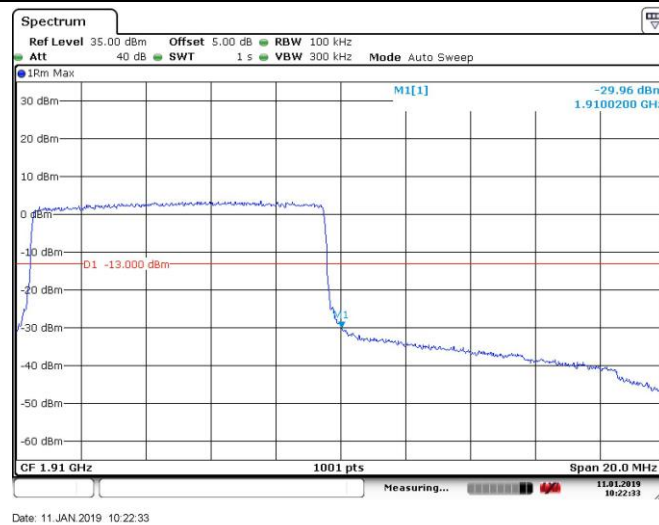
Band2_10MHz_16QAM_18650_50RB#0



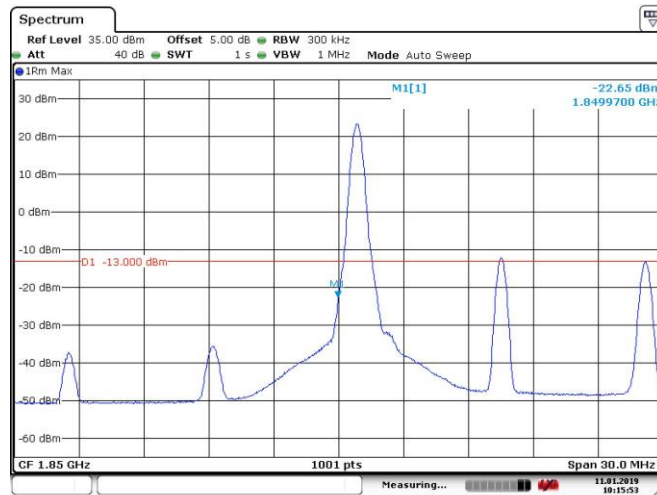
Band2_10MHz_16QAM_19150_1RB#49



Band2_10MHz_16QAM_19150_50RB#0

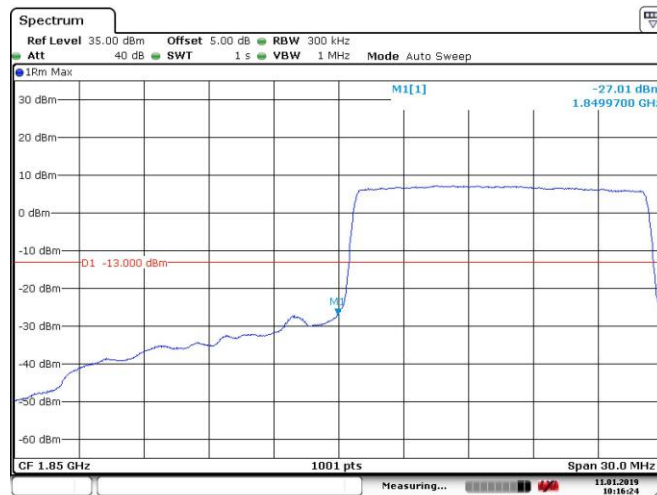


Band2_15MHz_QPSK_18675_1RB#0



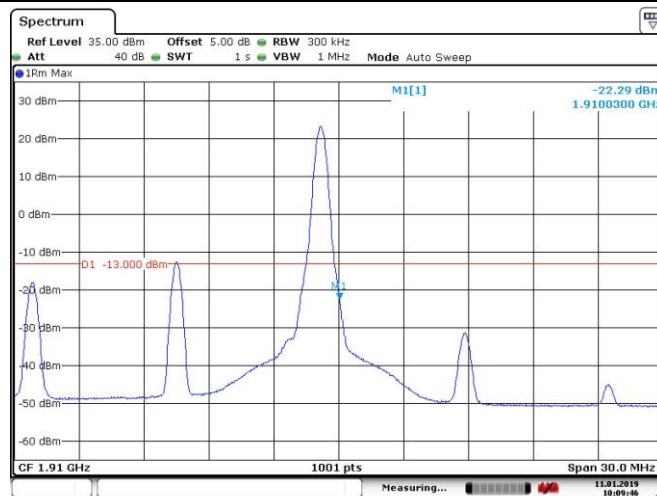
Date: 11.JAN.2019 10:15:54

Band2_15MHz_QPSK_18675_75RB#0



Date: 11.JAN.2019 10:16:24

Band2_15MHz_QPSK_19125_1RB#74



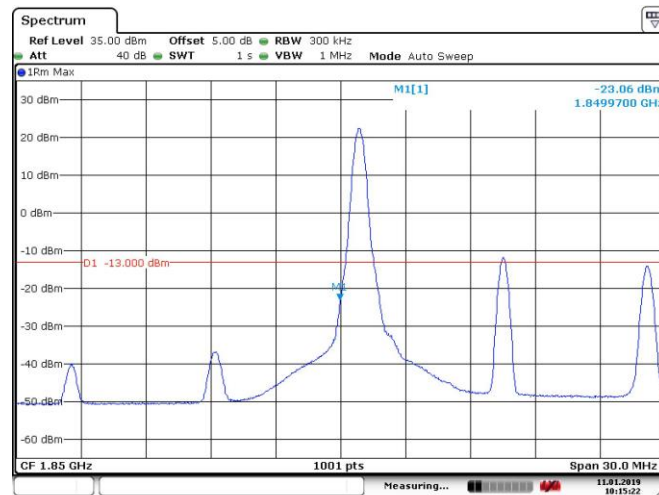
Date: 11.JAN.2019 10:09:47

Band2_15MHz_QPSK_19125_75RB#0



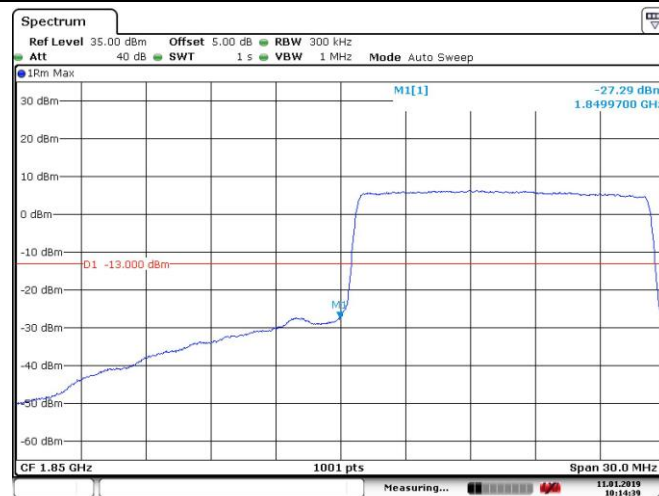
Date: 11.JAN.2019 10:09:16

Band2_15MHz_16QAM_18675_1RB#0



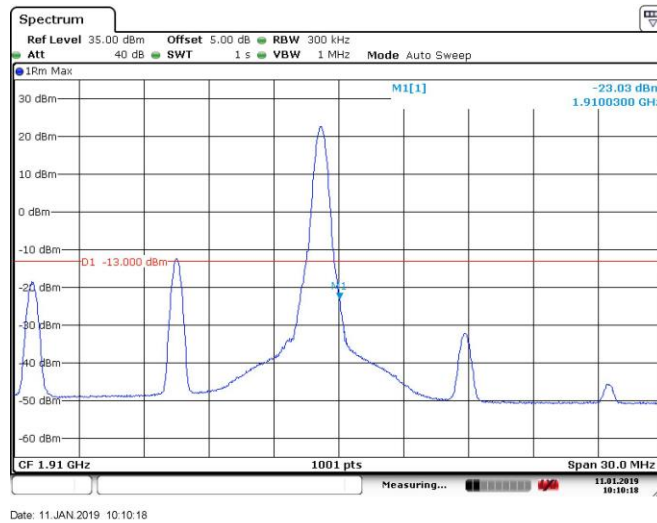
Date: 11.JAN.2019 10:15:22

Band2_15MHz_16QAM_18675_75RB#0

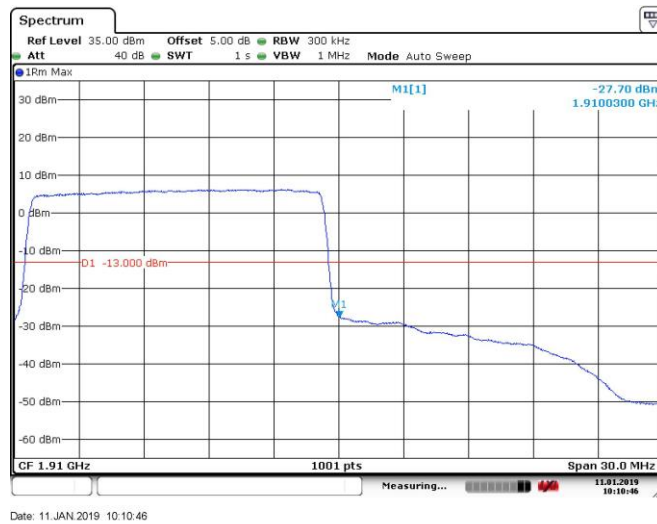


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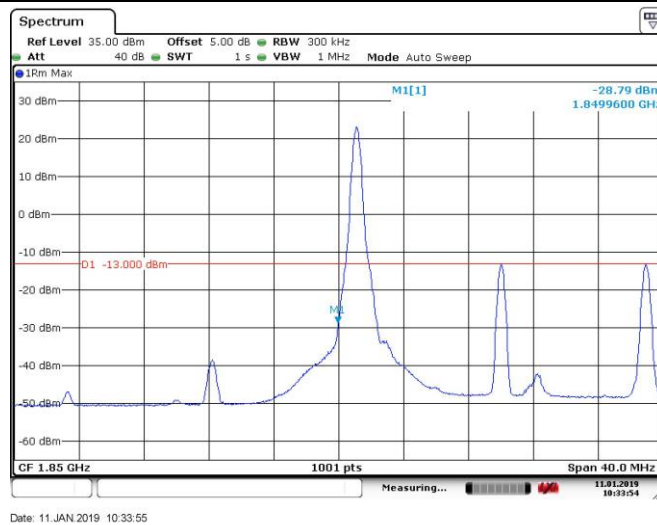
Band2_15MHz_16QAM_19125_1RB#74



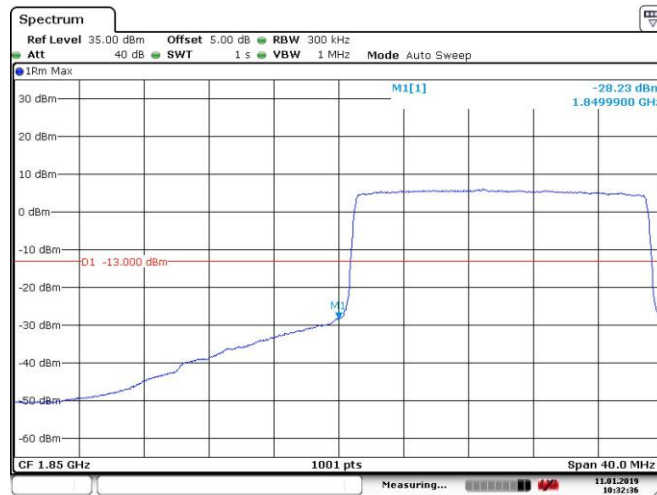
Band2_15MHz_16QAM_19125_75RB#0



Band2_20MHz_QPSK_18700_1RB#0

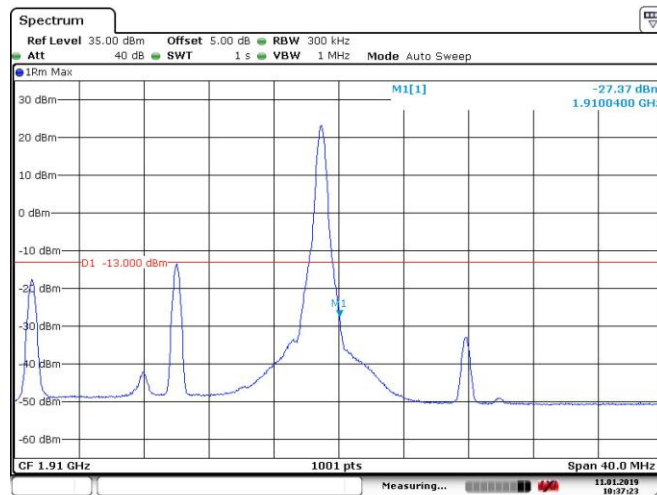


Band2_20MHz_QPSK_18700_100RB#0



Date: 11.JAN.2019 10:32:37

Band2_20MHz_QPSK_19100_1RB#99



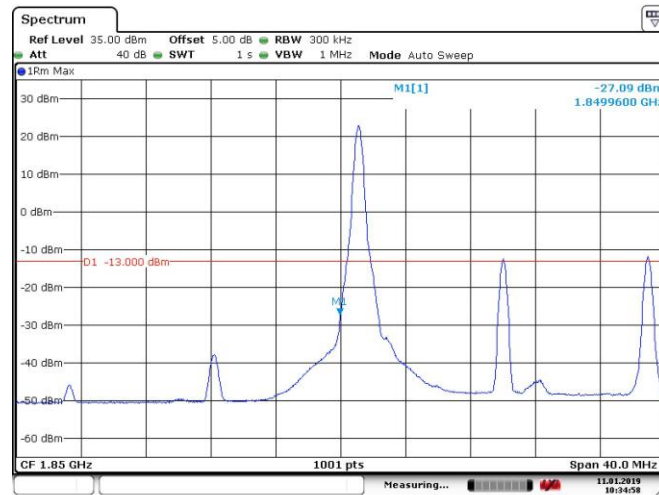
Date: 11.JAN.2019 10:37:24

Band2_20MHz_QPSK_19100_100RB#0



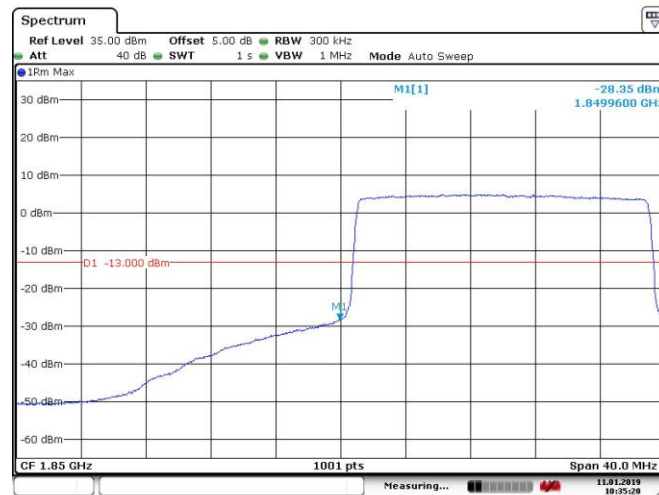
Date: 11.JAN.2019 10:38:09

Band2_20MHz_16QAM_18700_1RB#0



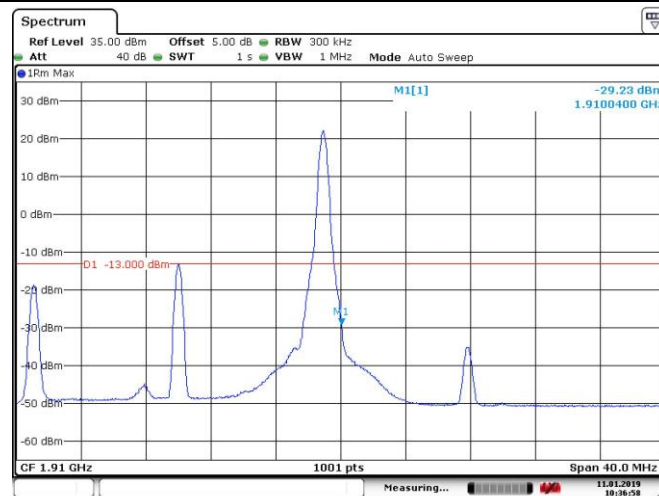
Date: 11.JAN.2019 10:34:58

Band2_20MHz_16QAM_18700_100RB#0



Date: 11.JAN.2019 10:35:20

Band2_20MHz_16QAM_19100_1RB#99



Date: 11.JAN.2019 10:36:58

Band2_20MHz_16QAM_19100_100RB#0



Date: 11.JAN.2019 10:36:13

8. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

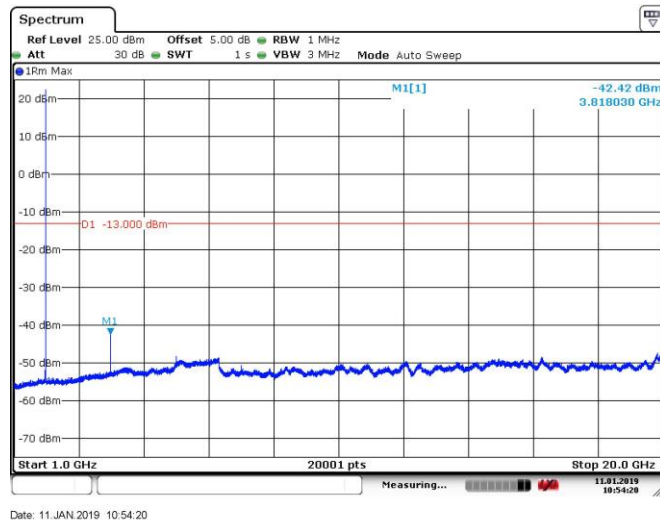
Remark2: only the worst case data displayed in this report.

8.1. Test Plots

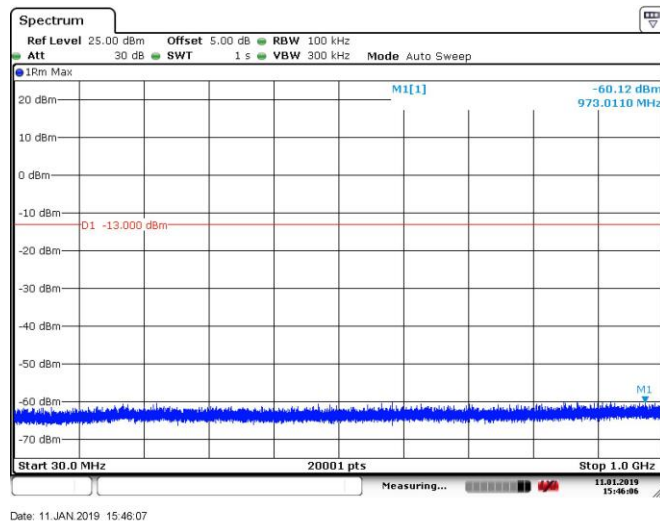


Date: 11.JAN.2019 10:55:28

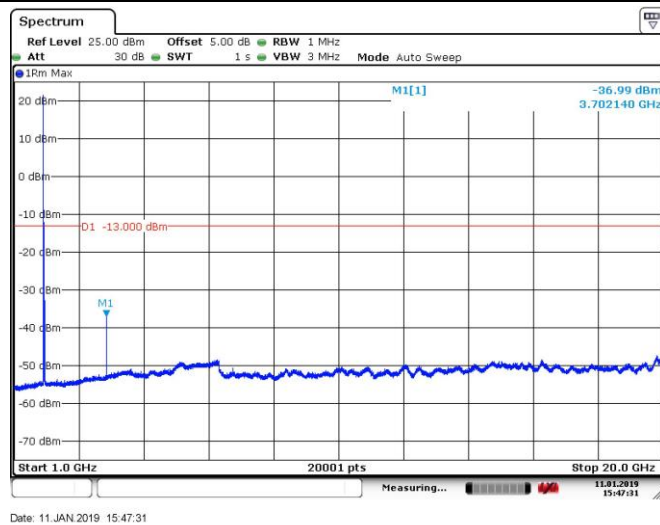
Band2_20MHz_QPSK_19100_1RB#0



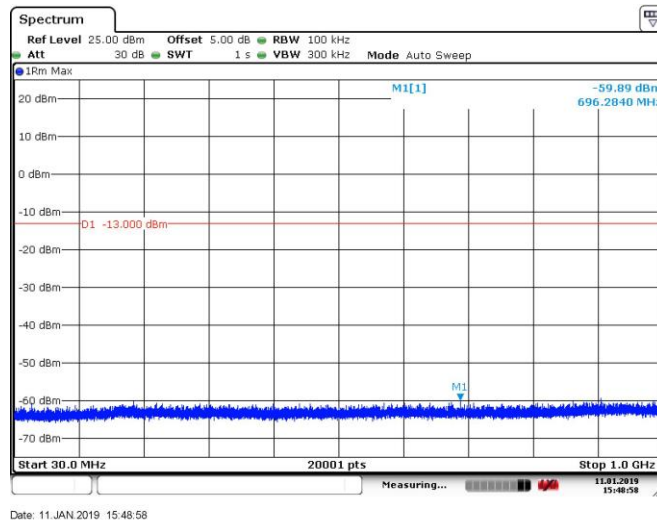
Band2_20MHz_16QAM_18700_1RB#0



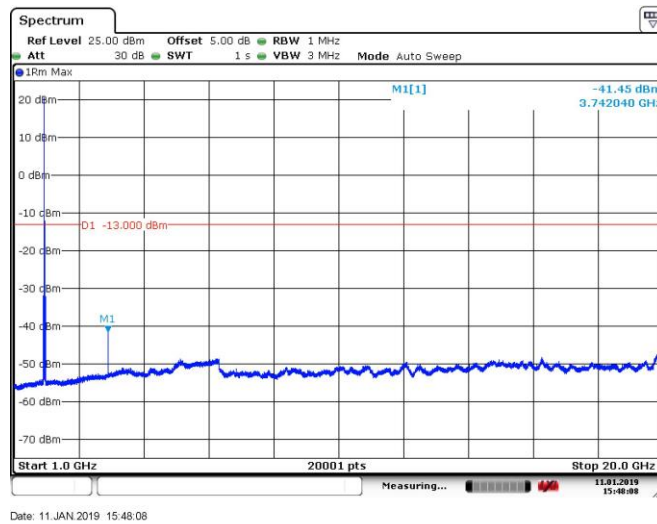
Band2_20MHz_16QAM_18700_1RB#0



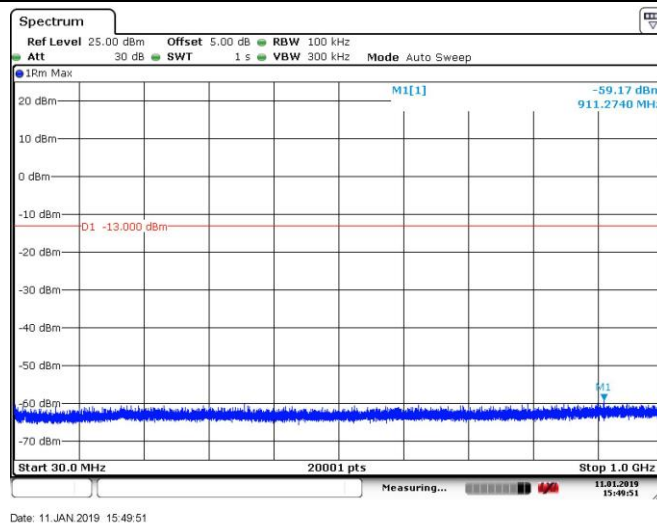
Band2_20MHz_16QAM_18900_1RB#0



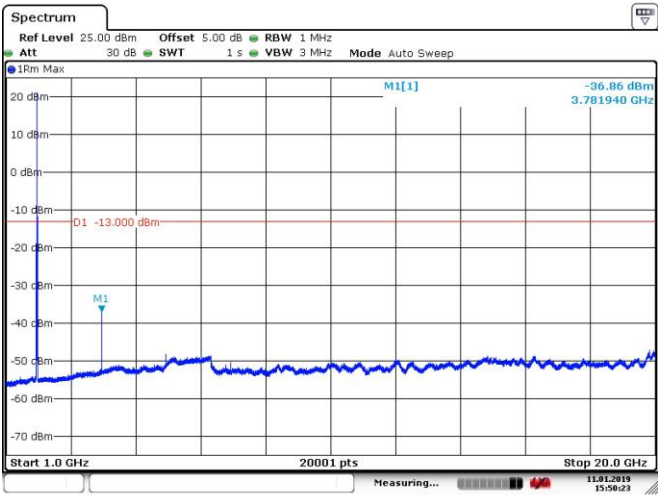
Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Date: 11.JAN.2019 15:50:24

9. Frequency Stability

9.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-6.78	-0.003645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	9.75	0.005243	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	14.45	0.007770	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-3.56	-0.001892	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-0.05	-0.000027	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	7.36	0.003916	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-10.68	-0.005621	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-10.07	-0.005301	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-5.59	-0.002941	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	3.86	0.002075	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-1.39	-0.000748	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	0.09	0.000051	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-9.71	-0.005166	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-3.36	-0.001785	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	0.88	0.000469	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-13.24	-0.006966	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-3.82	-0.002013	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-9.75	-0.005132	±2.5	PASS

9.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	3.27	0.001756	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	14.56	0.007829	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-6.30	-0.003385	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-2.65	-0.001425	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-5.73	-0.003082	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.92	-0.001572	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-1.61	-0.000865	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	5.32	0.002858	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	1.38	0.000735	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	4.50	0.002394	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-5.08	-0.002704	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-7.18	-0.003821	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	2.73	0.001451	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	3.27	0.001739	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	12.13	0.006454	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	7.48	0.003978	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-0.28	-0.000148	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	13.19	0.006941	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	9.74	0.005126	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	13.05	0.006866	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-14.72	-0.007748	±2.5	PASS

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Band2	20MHz	QPSK	19100	100RB#0	NV	30	7.35	0.003867	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-13.89	-0.007309	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-3.25	-0.001712	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	10.89	0.005855	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	2.84	0.001526	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-1.44	-0.000777	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	0.81	0.000434	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	1.28	0.000689	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-12.38	-0.006657	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	2.10	0.001130	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	9.02	0.004847	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	14.51	0.007717	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-14.43	-0.007678	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	0.42	0.000224	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-2.93	-0.001561	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-1.91	-0.001017	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	11.47	0.006102	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-6.39	-0.003401	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-4.63	-0.002464	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-7.46	-0.003927	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-14.39	-0.007572	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	11.29	0.005941	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	10.86	0.005717	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-7.95	-0.004183	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	5.24	0.002756	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	13.46	0.007083	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	2.59	0.001362	±2.5	PASS

The End