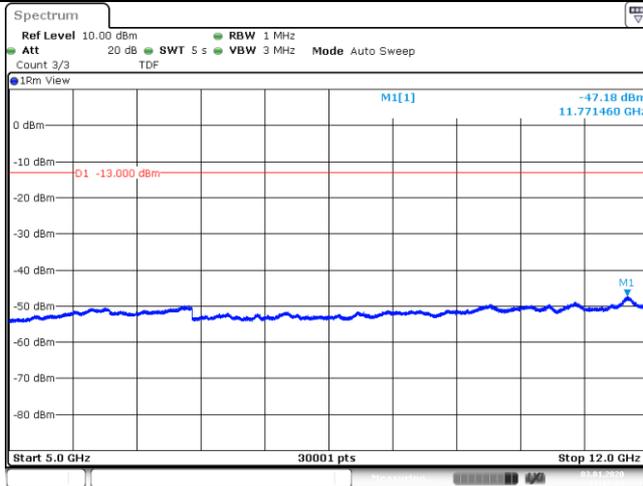
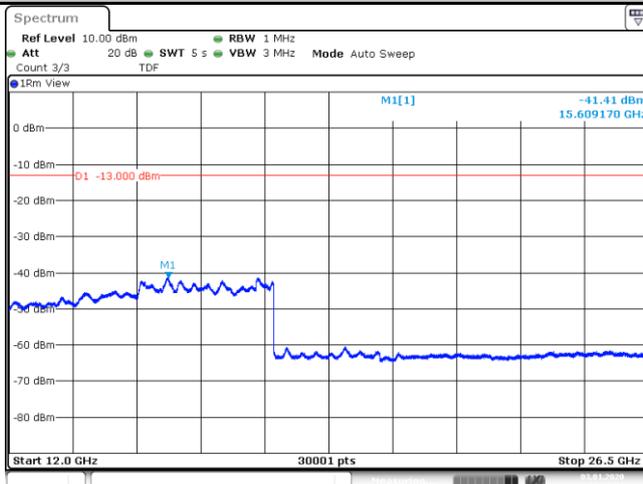


Band2_1.4MHz_QPSK_18607_6_0_Low_5000_12000_-47.18_PASS_



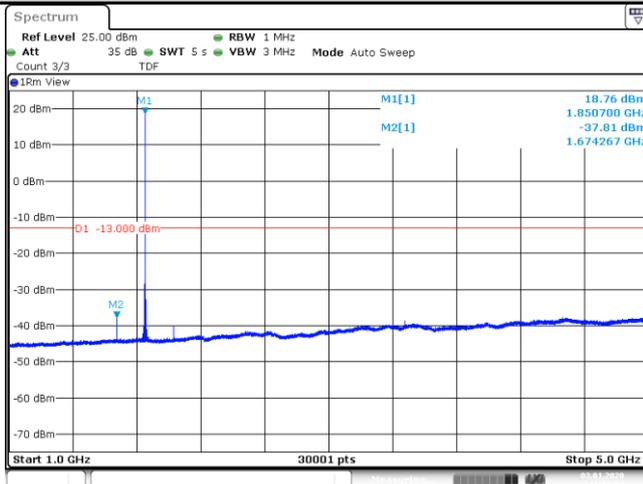
Date: 3.JAN.2020 11:17:30

Band2_1.4MHz_QPSK_18607_6_0_Low_12000_26500_-41.41_PASS_



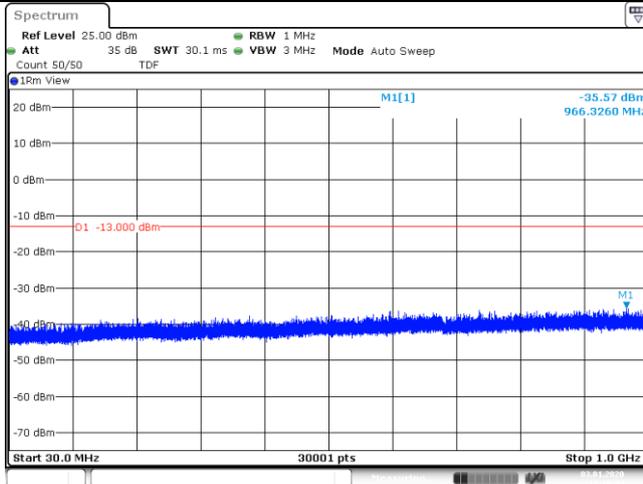
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Band2_1.4MHz_QPSK_18607_6_0_Low_1000_5000_-37.81_PASS_



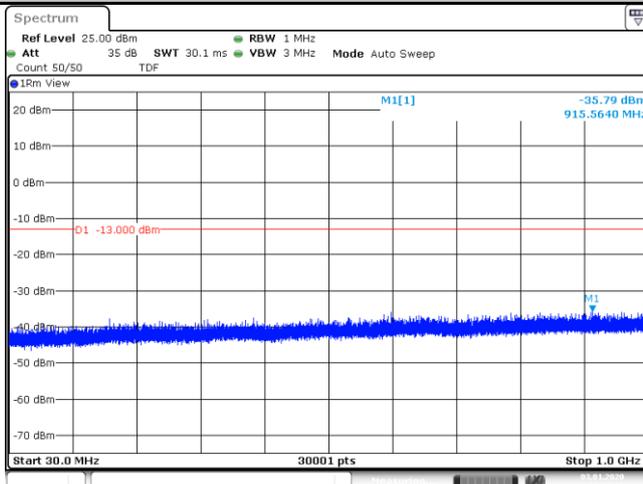
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Band2_1.4MHz_QPSK_18607_6_0_Low_30_1000_-35.57_PASS__



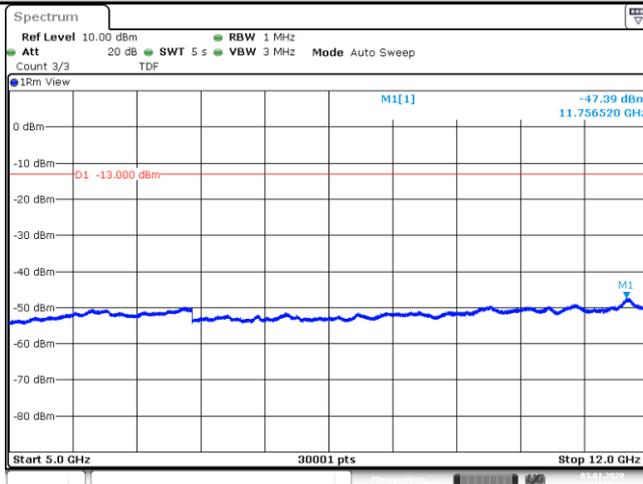
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Band2_1.4MHz_QPSK_18900_6_0_Low_30_1000_-35.79_PASS__

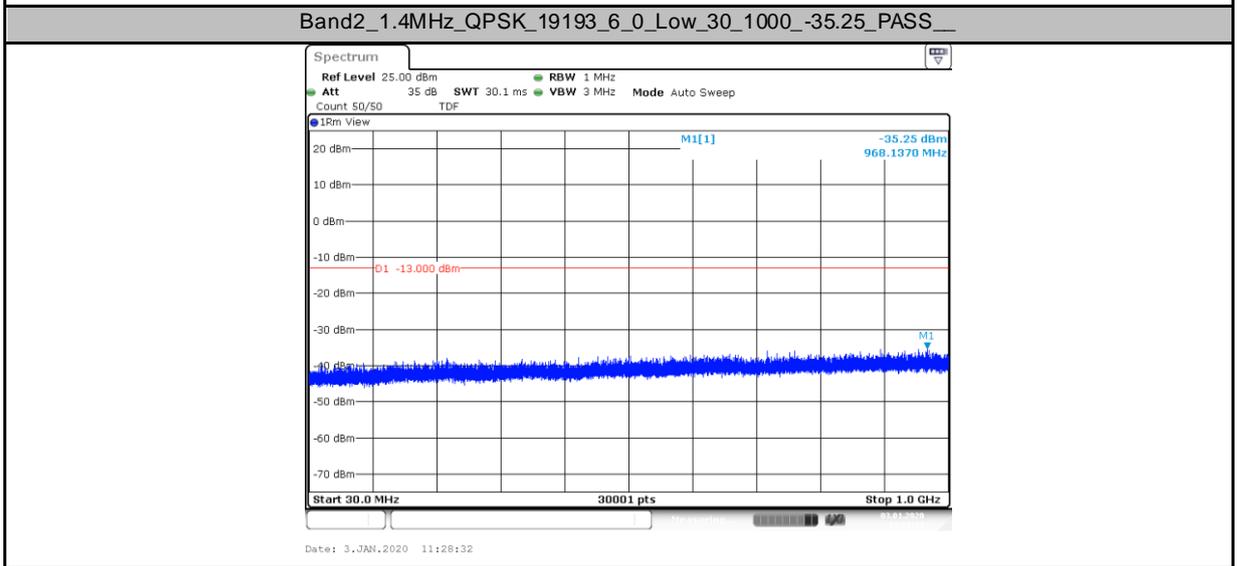
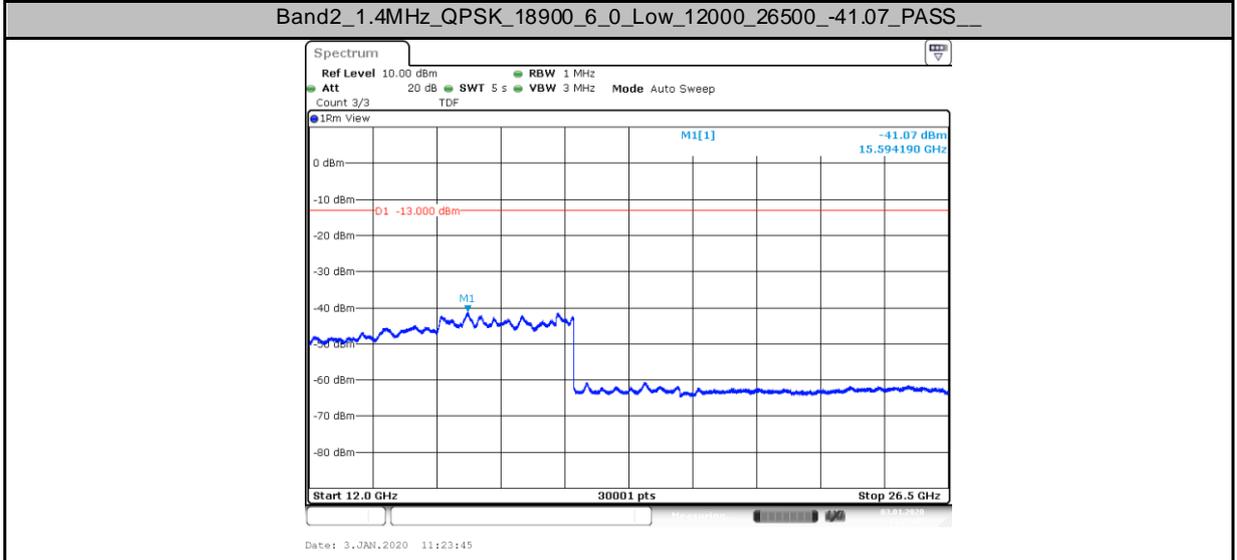
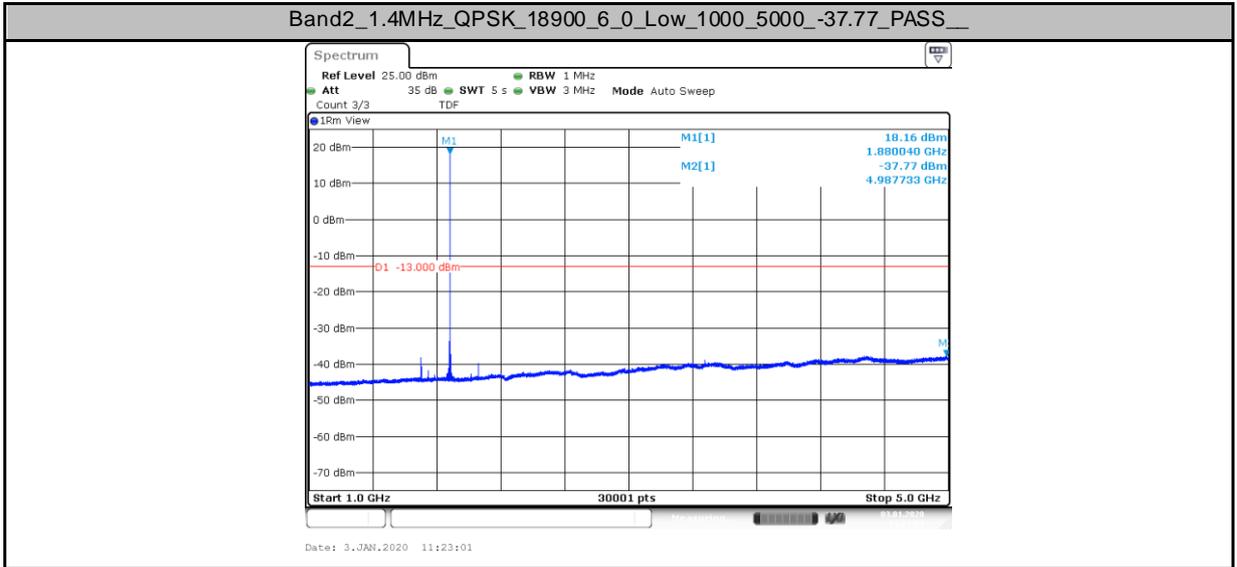


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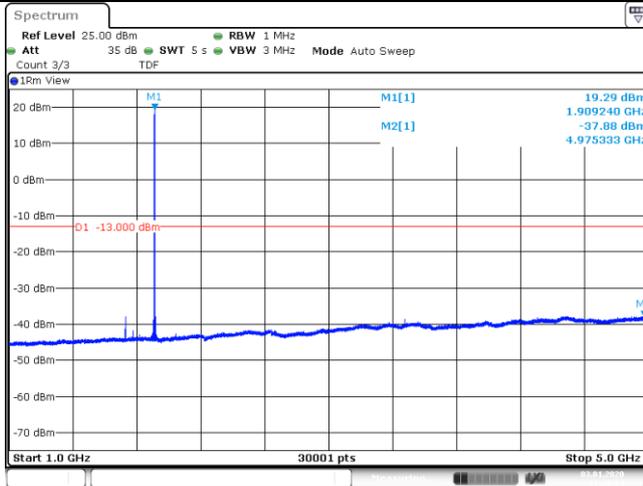
Band2_1.4MHz_QPSK_18900_6_0_Low_5000_12000_-47.39_PASS__



Date: 3.JAN.2020 11:23:23

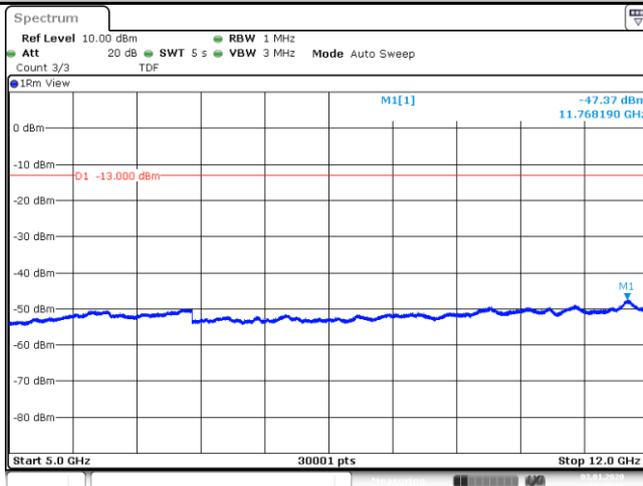


Band2_1.4MHz_QPSK_19193_6_0_Low_1000_5000_-37.88_PASS__



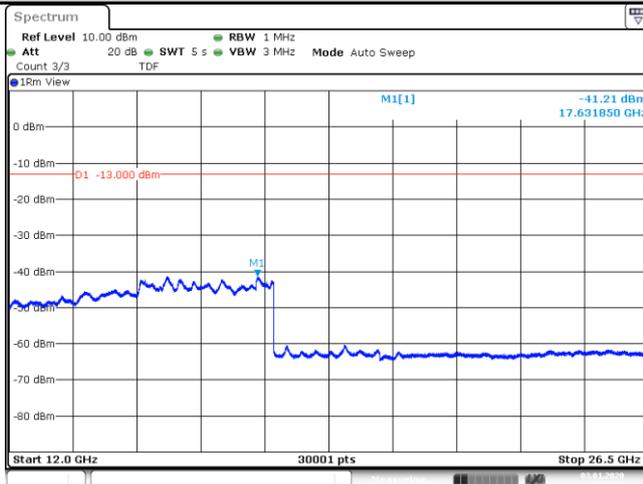
Date: 3.JAN.2020 11:28:55

Band2_1.4MHz_QPSK_19193_6_0_Low_5000_12000_-47.37_PASS__



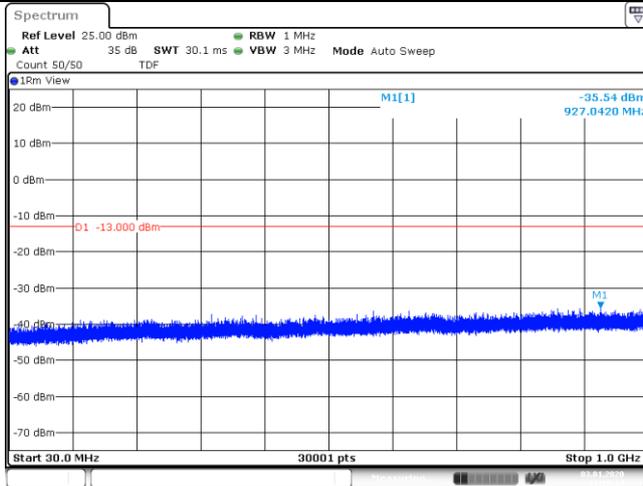
Date: 3.JAN.2020 11:29:17

Band2_1.4MHz_QPSK_19193_6_0_Low_12000_26500_-41.21_PASS__

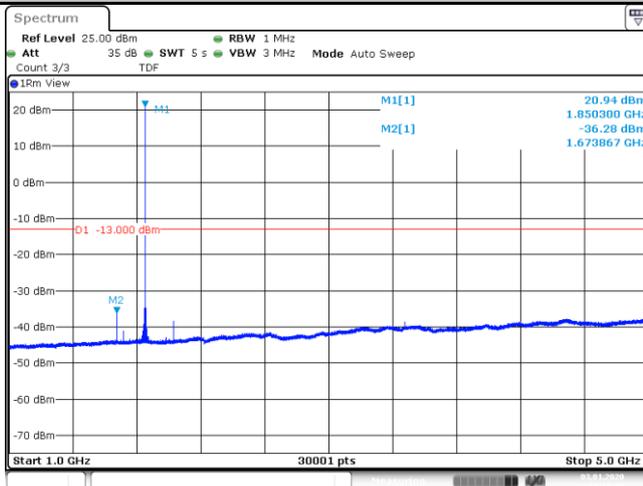


Date: 3.JAN.2020 11:29:39

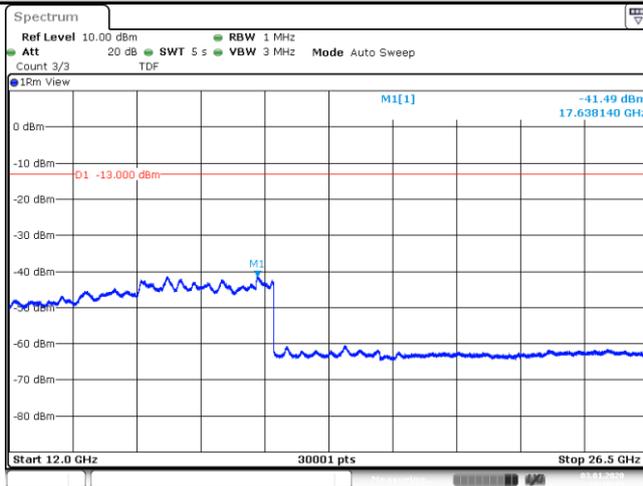
Band2_1.4MHz_16QAM_18607_1_0_Low_30_1000_-35.54_PASS__



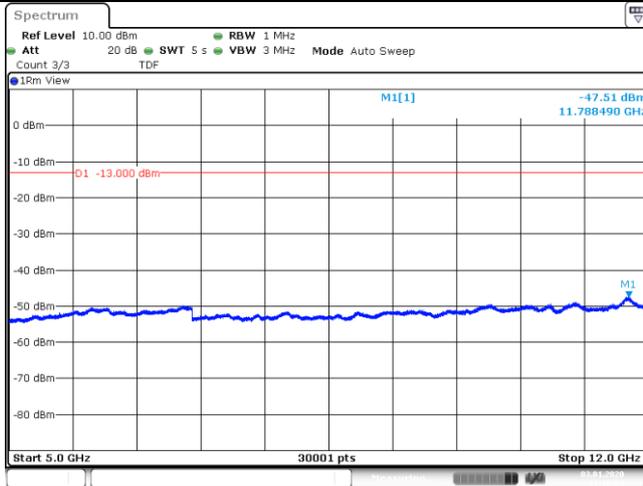
Band2_1.4MHz_16QAM_18607_1_0_Low_1000_5000_-36.28_PASS__



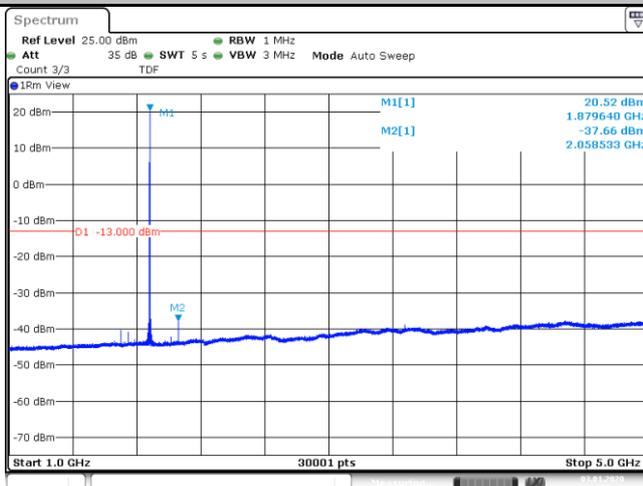
Band2_1.4MHz_16QAM_18607_1_0_Low_12000_26500_-41.49_PASS__



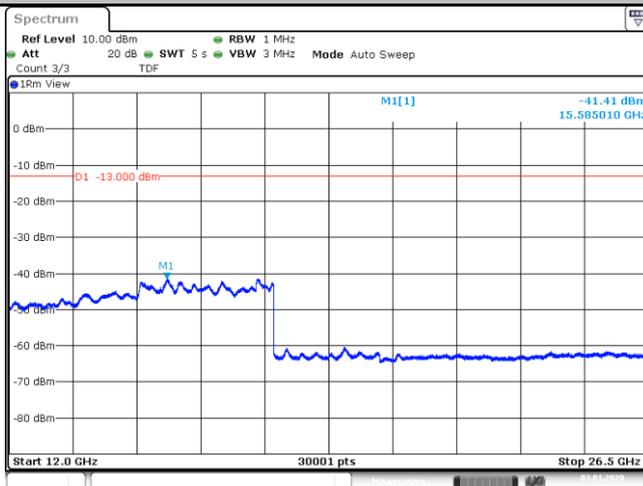
Band2_1.4MHz_16QAM_18607_1_0_Low_5000_12000_-47.51_PASS__



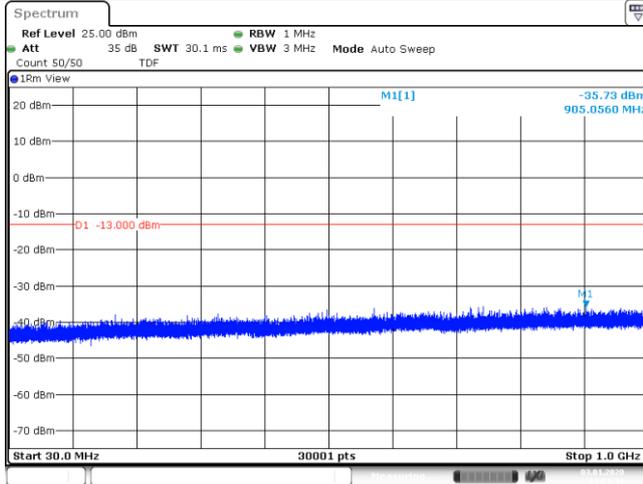
Band2_1.4MHz_16QAM_18900_1_0_Low_1000_5000_-37.66_PASS__



Band2_1.4MHz_16QAM_18900_1_0_Low_12000_26500_-41.41_PASS__

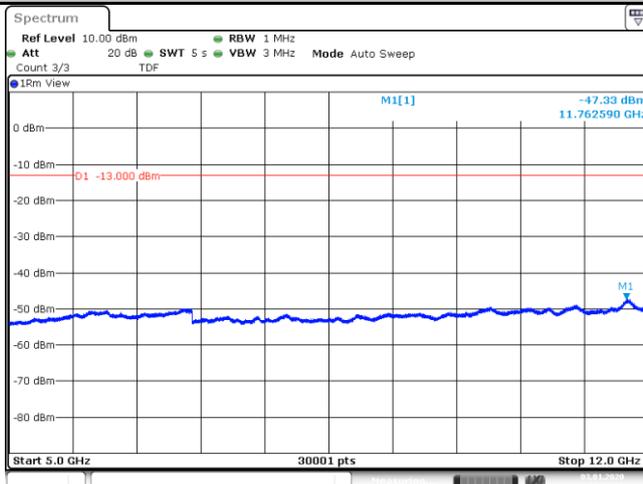


Band2_1.4MHz_16QAM_18900_1_0_Low_30_1000_-35.73_PASS__



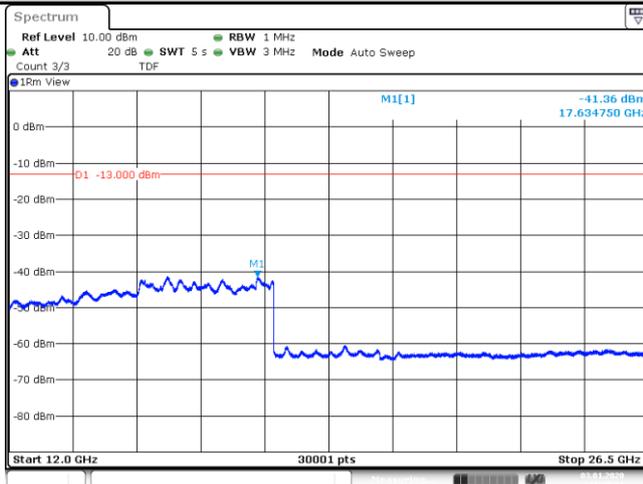
Date: 3.JAN.2020 11:21:11

Band2_1.4MHz_16QAM_18900_1_0_Low_5000_12000_-47.33_PASS__



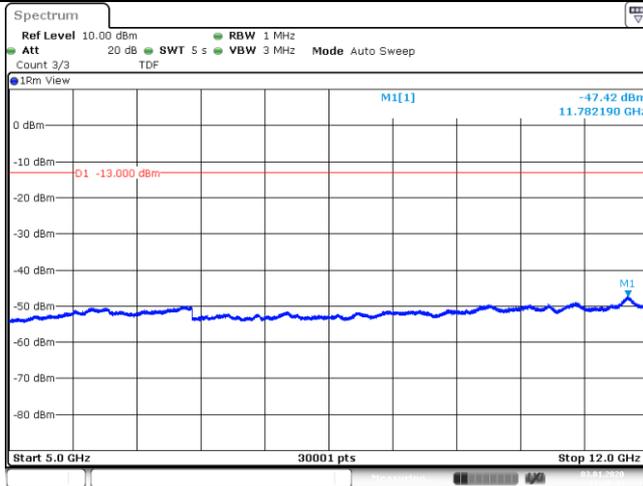
Date: 3.JAN.2020 11:21:56

Band2_1.4MHz_16QAM_19193_1_5_Low_12000_26500_-41.36_PASS__



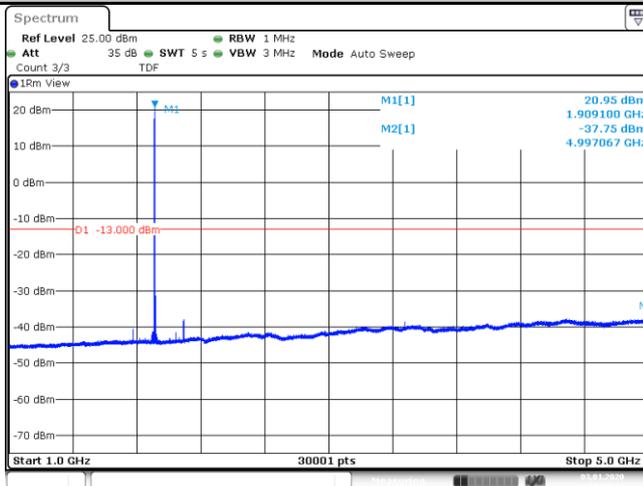
Date: 3.JAN.2020 11:28:12

Band2_1.4MHz_16QAM_19193_1_5_Low_5000_12000_-47.42_PASS_



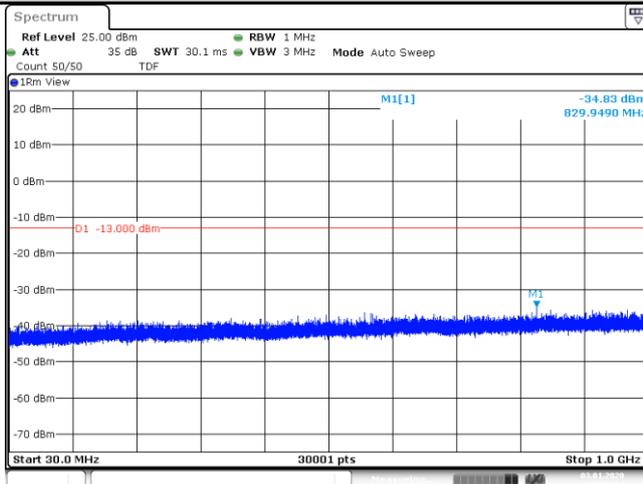
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Band2_1.4MHz_16QAM_19193_1_5_Low_1000_5000_-37.75_PASS_



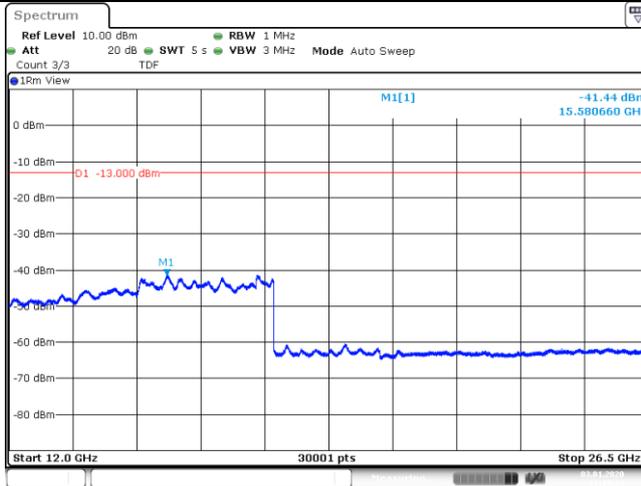
Date: 3.JAN.2020 11:27:27

Band2_1.4MHz_16QAM_19193_1_5_Low_30_1000_-34.83_PASS_



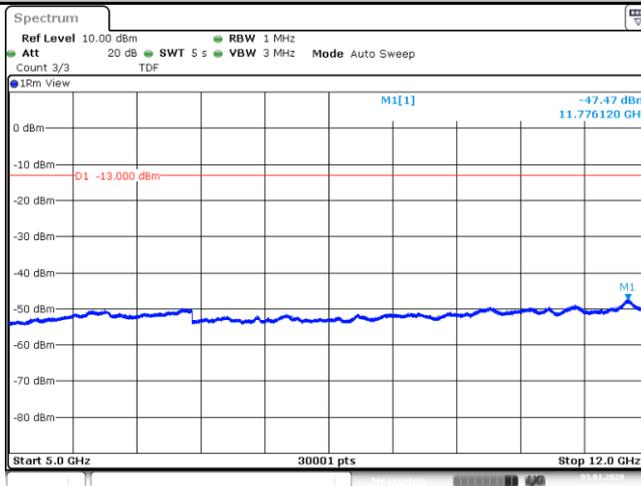
Date: 3.JAN.2020 11:27:05

Band2_1.4MHz_16QAM_18607_6_0_Low_12000_26500_-41.44_PASS__



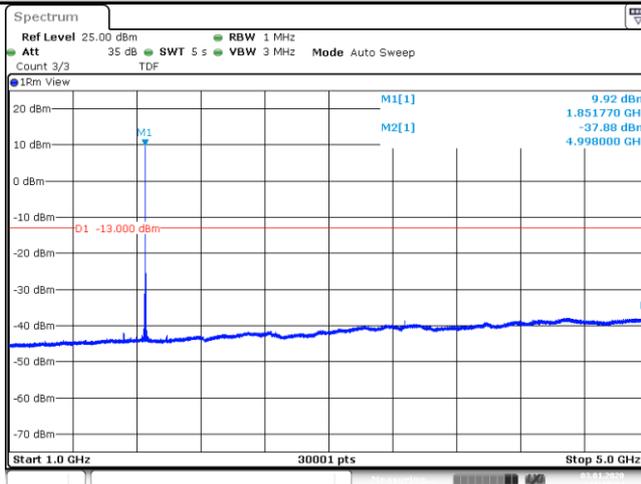
Date: 3.JAN.2020 11:19:19

Band2_1.4MHz_16QAM_18607_6_0_Low_5000_12000_-47.47_PASS__



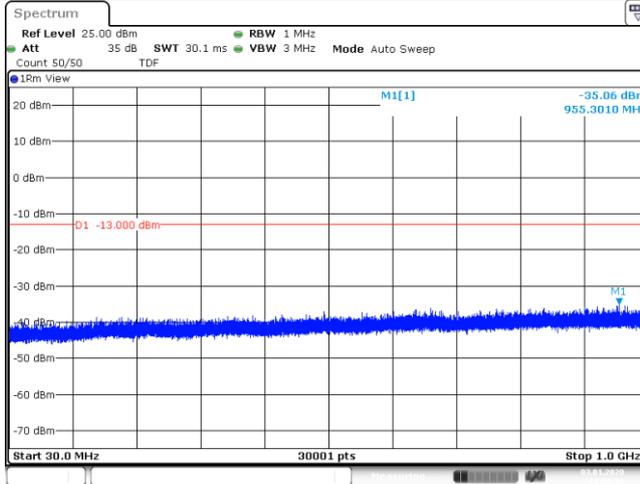
Date: 3.JAN.2020 11:18:57

Band2_1.4MHz_16QAM_18607_6_0_Low_1000_5000_-37.88_PASS__

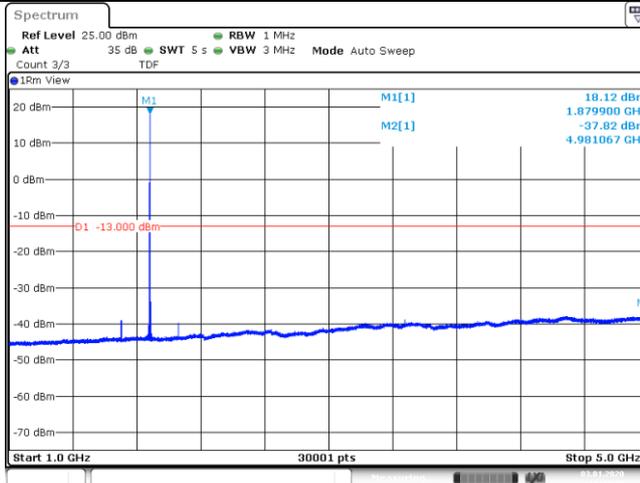


Date: 3.JAN.2020 11:18:35

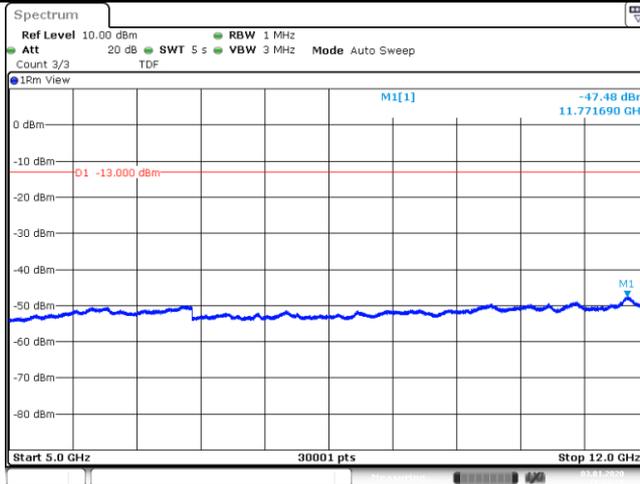
Band2_1.4MHz_16QAM_18607_6_0_Low_30_1000_-35.06_PASS__



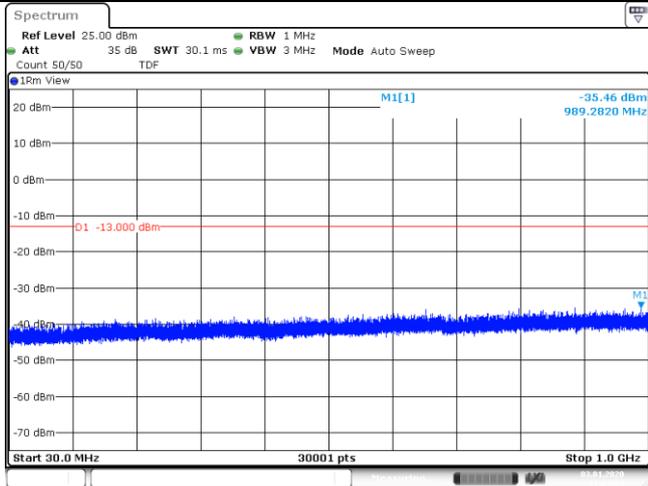
Band2_1.4MHz_16QAM_18900_6_0_Low_1000_5000_-37.82_PASS__



Band2_1.4MHz_16QAM_18900_6_0_Low_5000_12000_-47.48_PASS__

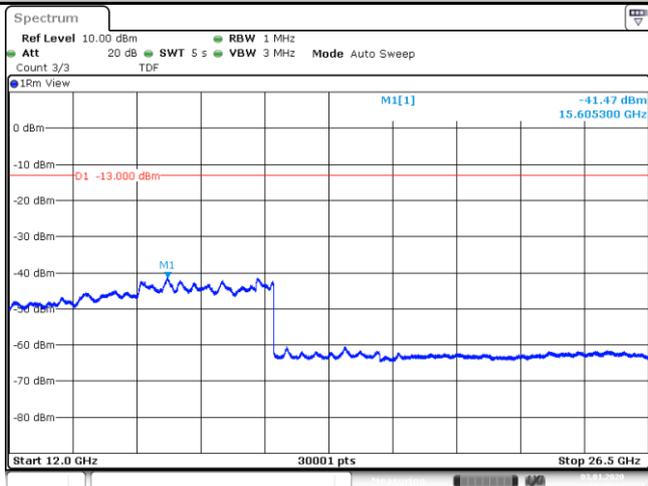


Band2_1.4MHz_16QAM_18900_6_0_Low_30_1000_-35.46_PASS__



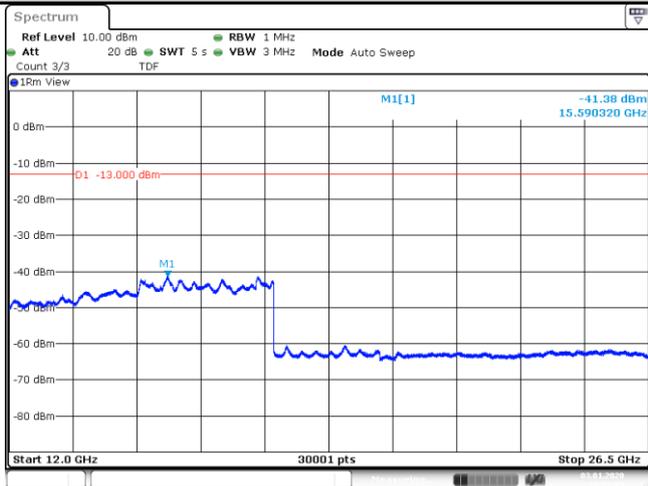
Date: 3.JAN.2020 11:24:05

Band2_1.4MHz_16QAM_18900_6_0_Low_12000_26500_-41.47_PASS__



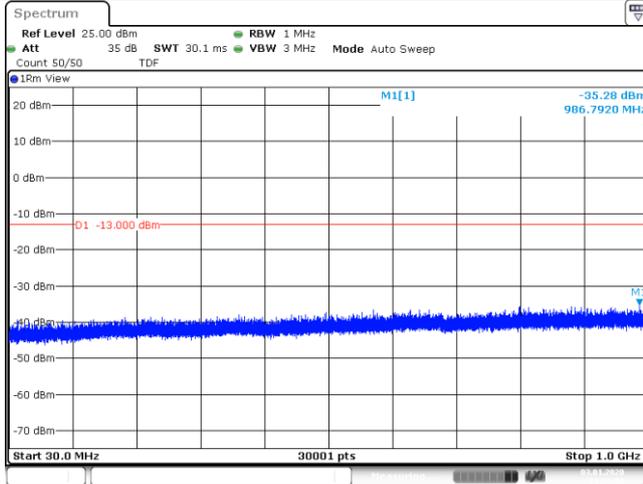
Date: 3.JAN.2020 11:25:12

Band2_1.4MHz_16QAM_19193_6_0_Low_12000_26500_-41.38_PASS__



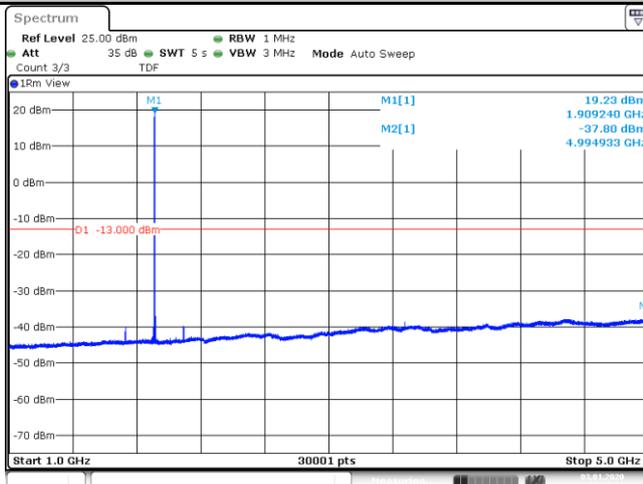
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Band2_1.4MHz_16QAM_19193_6_0_Low_30_1000_-35.28_PASS__



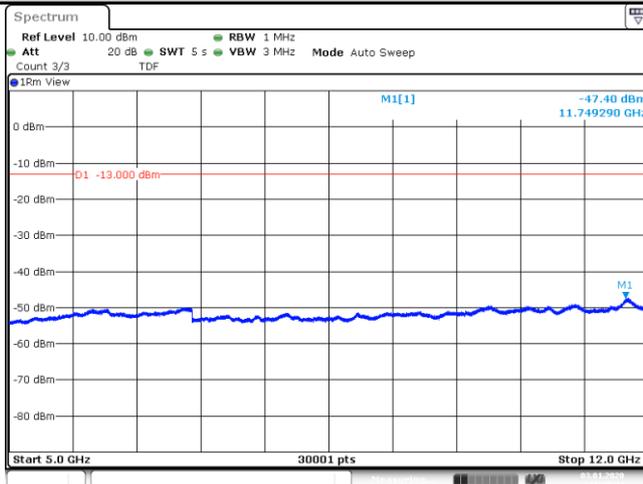
Date: 3.JAN.2020 11:29:59

Band2_1.4MHz_16QAM_19193_6_0_Low_1000_5000_-37.8_PASS__



Date: 3.JAN.2020 11:30:21

Band2_1.4MHz_16QAM_19193_6_0_Low_5000_12000_-47.4_PASS__



Date: 3.JAN.2020 11:30:44

Appendix A.6: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	1	0	Low	HV	NT	-20.41	-0.010856	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	LV	NT	-21.39	-0.011378	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	NT	-22.40	-0.011915	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	HV	NT	-18.61	-0.009899	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	LV	NT	-18.87	-0.010037	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	NT	-19.78	-0.010521	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	85	-17.65	-0.009388	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	-30	-18.75	-0.009973	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	-20	-18.77	-0.009984	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	-10	-17.55	-0.009335	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	0	-17.28	-0.009191	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	10	-16.81	-0.008941	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	20	-21.33	-0.011346	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	30	-18.93	-0.010069	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	40	-19.37	-0.010303	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	50	-16.78	-0.008926	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	60	-14.78	-0.007862	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	70	-19.70	-0.010479	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	-40	-17.72	-0.009426	±2.5	PASS
Band2	1.4MHz	QPSK	18900	1	0	Low	NV	80	-18.08	-0.009617	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	85	-15.79	-0.008399	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	-30	-14.38	-0.007649	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	-20	-13.15	-0.006995	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	-10	-17.84	-0.009489	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	0	-17.81	-0.009473	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	10	-15.25	-0.008112	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	20	-17.60	-0.009362	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	30	-20.50	-0.010904	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	40	-16.99	-0.009037	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	50	-14.66	-0.007798	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	60	-14.06	-0.007479	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	70	-21.29	-0.011324	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	80	-22.22	-0.011819	±2.5	PASS
Band2	1.4MHz	16QAM	18900	1	0	Low	NV	-40	-20.11	-0.010697	±2.5	PASS

Appendix B: Test Results of Band 4 for eMTC operation

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Appendix B.1: RF Power Output and Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result (dBm)	EIRP		Limit (watts)	Verdict
								dBm	Watts		
Band4	1.4MHz	QPSK	19957	1	0	Low	23.29	25.43	0.349	1	PASS
Band4	1.4MHz	QPSK	20175	1	0	Low	22.93	25.07	0.321	1	PASS
Band4	1.4MHz	QPSK	20393	1	5	Low	23.16	25.30	0.339	1	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	21.17	23.31	0.214	1	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	20.89	23.03	0.201	1	PASS
Band4	1.4MHz	QPSK	20393	6	0	Low	21.06	23.20	0.209	1	PASS
Band4	1.4MHz	16QAM	19957	1	0	Low	22.36	24.50	0.282	1	PASS
Band4	1.4MHz	16QAM	20175	1	0	Low	22.4	24.54	0.284	1	PASS
Band4	1.4MHz	16QAM	20393	1	5	Low	22.26	24.40	0.275	1	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	21.14	23.28	0.213	1	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	20.9	23.04	0.201	1	PASS
Band4	1.4MHz	16QAM	20393	6	0	Low	21.09	23.23	0.210	1	PASS
Band4	3MHz	QPSK	19965	1	0	Low	23.28	25.42	0.348	1	PASS
Band4	3MHz	QPSK	20175	1	0	Low	23.04	25.18	0.330	1	PASS
Band4	3MHz	QPSK	20385	1	5	High	23.18	25.32	0.340	1	PASS
Band4	3MHz	QPSK	19965	6	0	Low	21.21	23.35	0.216	1	PASS
Band4	3MHz	QPSK	20175	6	0	Low	20.88	23.02	0.200	1	PASS
Band4	3MHz	QPSK	20385	6	0	High	21.05	23.19	0.208	1	PASS
Band4	3MHz	16QAM	19965	1	0	Low	22.43	24.57	0.286	1	PASS
Band4	3MHz	16QAM	20175	1	0	Low	22.06	24.20	0.263	1	PASS
Band4	3MHz	16QAM	20385	1	5	High	22.26	24.40	0.275	1	PASS
Band4	3MHz	16QAM	19965	6	0	Low	21.24	23.38	0.218	1	PASS
Band4	3MHz	16QAM	20175	6	0	Low	20.85	22.99	0.199	1	PASS
Band4	3MHz	16QAM	20385	6	0	High	21.08	23.22	0.210	1	PASS
Band4	5MHz	QPSK	19975	1	0	Low	23.29	25.43	0.349	1	PASS
Band4	5MHz	QPSK	20175	1	0	Low	22.99	25.13	0.326	1	PASS
Band4	5MHz	QPSK	20375	1	5	High	23.11	25.25	0.335	1	PASS
Band4	5MHz	QPSK	20375	3	3	High	22.17	24.31	0.270	1	PASS
Band4	5MHz	QPSK	19975	6	0	Low	22.2	24.34	0.272	1	PASS
Band4	5MHz	QPSK	20175	6	0	Low	21.79	23.93	0.247	1	PASS
Band4	5MHz	16QAM	19975	1	0	Low	23.39	25.53	0.357	1	PASS
Band4	5MHz	16QAM	20175	1	0	Low	22.97	25.11	0.324	1	PASS
Band4	5MHz	16QAM	20375	1	5	High	23.23	25.37	0.344	1	PASS
Band4	5MHz	16QAM	20375	3	3	High	22.25	24.39	0.275	1	PASS
Band4	5MHz	16QAM	19975	6	0	Low	22.19	24.33	0.271	1	PASS
Band4	5MHz	16QAM	20175	6	0	Low	21.86	24.00	0.251	1	PASS
Band4	10MHz	QPSK	20000	1	0	Low	23.33	25.47	0.352	1	PASS
Band4	10MHz	QPSK	20175	1	0	Low	23	25.14	0.327	1	PASS
Band4	10MHz	QPSK	20350	1	5	High	23.12	25.26	0.336	1	PASS
Band4	10MHz	QPSK	20000	5	0	Low	22.22	24.36	0.273	1	PASS
Band4	10MHz	QPSK	20175	5	0	Low	21.89	24.03	0.253	1	PASS
Band4	10MHz	QPSK	20350	5	1	High	22.12	24.26	0.267	1	PASS
Band4	10MHz	16QAM	20000	1	0	Low	23.45	25.59	0.362	1	PASS
Band4	10MHz	16QAM	20175	1	0	Low	23.12	25.26	0.336	1	PASS
Band4	10MHz	16QAM	20350	1	5	High	23.21	25.35	0.343	1	PASS
Band4	10MHz	16QAM	20000	5	0	Low	22.31	24.45	0.279	1	PASS
Band4	10MHz	16QAM	20175	5	0	Low	21.99	24.13	0.259	1	PASS
Band4	10MHz	16QAM	20350	5	1	High	22.15	24.29	0.269	1	PASS
Band4	15MHz	QPSK	20025	1	0	Low	23.23	25.37	0.344	1	PASS
Band4	15MHz	QPSK	20175	1	0	Low	23.08	25.22	0.333	1	PASS
Band4	15MHz	QPSK	20325	1	5	High	23.11	25.25	0.335	1	PASS

Produkte
Products

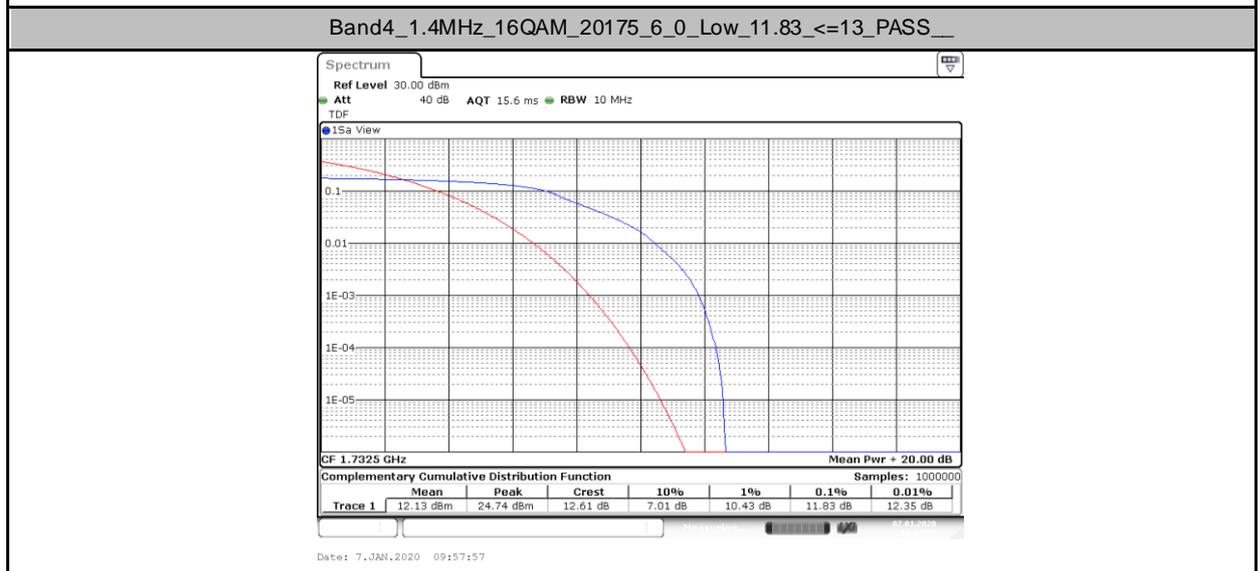
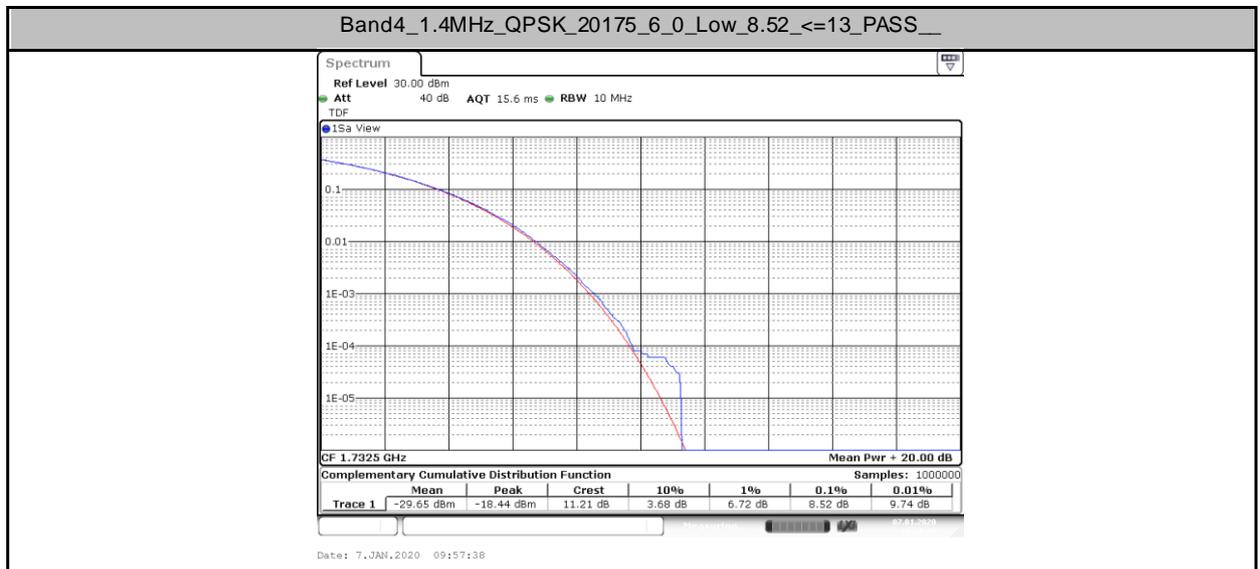
Band4	15MHz	QPSK	20025	6	0	Low	23.12	25.26	0.336	1	PASS
Band4	15MHz	QPSK	20175	6	0	Low	22.87	25.01	0.317	1	PASS
Band4	15MHz	QPSK	20325	6	0	High	23	25.14	0.327	1	PASS
Band4	15MHz	16QAM	20025	1	0	Low	23.46	25.60	0.363	1	PASS
Band4	15MHz	16QAM	20175	1	0	Low	23.21	25.35	0.343	1	PASS
Band4	15MHz	16QAM	20325	1	5	High	23.37	25.51	0.356	1	PASS
Band4	15MHz	16QAM	20025	6	0	Low	23.12	25.26	0.336	1	PASS
Band4	15MHz	16QAM	20175	6	0	Low	22.87	25.01	0.317	1	PASS
Band4	15MHz	16QAM	20325	6	0	High	23.01	25.15	0.327	1	PASS
Band4	20MHz	QPSK	20050	1	0	Low	23.3	25.44	0.350	1	PASS
Band4	20MHz	QPSK	20175	1	0	Low	23.09	25.23	0.333	1	PASS
Band4	20MHz	QPSK	20300	1	5	High	23.17	25.31	0.340	1	PASS
Band4	20MHz	QPSK	20050	6	0	Low	23.15	25.29	0.338	1	PASS
Band4	20MHz	QPSK	20175	6	0	Low	22.94	25.08	0.322	1	PASS
Band4	20MHz	QPSK	20300	6	0	High	23.04	25.18	0.330	1	PASS
Band4	20MHz	16QAM	20050	1	0	Low	23.44	25.58	0.361	1	PASS
Band4	20MHz	16QAM	20175	1	0	Low	23.23	25.37	0.344	1	PASS
Band4	20MHz	16QAM	20300	1	5	High	23.41	25.55	0.359	1	PASS
Band4	20MHz	16QAM	20050	6	0	Low	23.12	25.26	0.336	1	PASS
Band4	20MHz	16QAM	20175	6	0	Low	22.93	25.07	0.321	1	PASS
Band4	20MHz	16QAM	20300	6	0	High	23.04	25.18	0.330	1	PASS

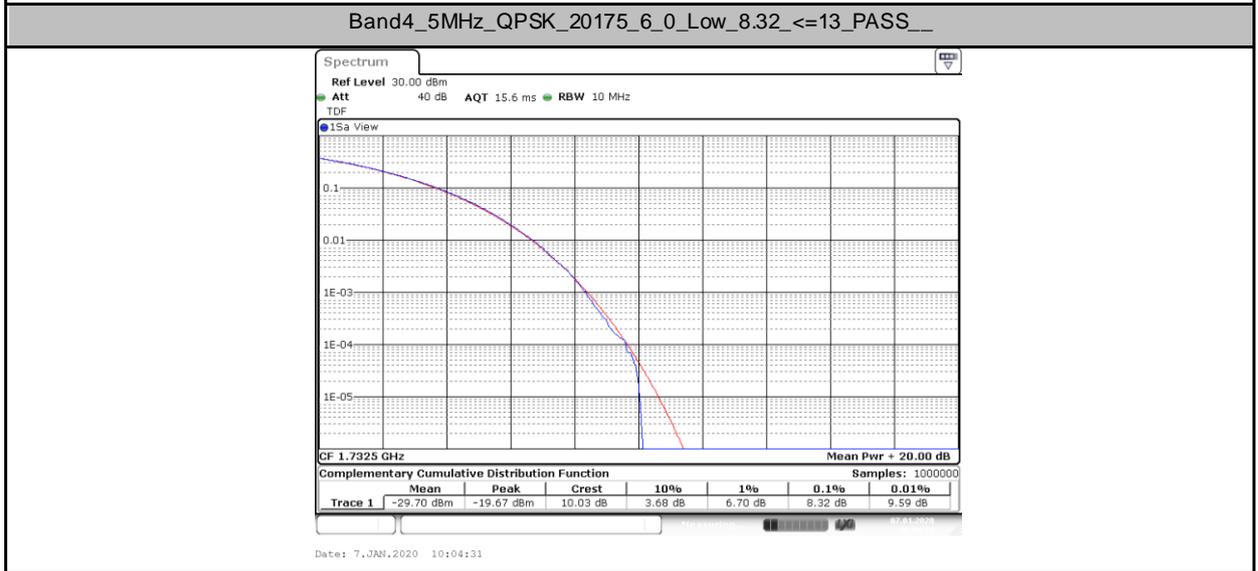
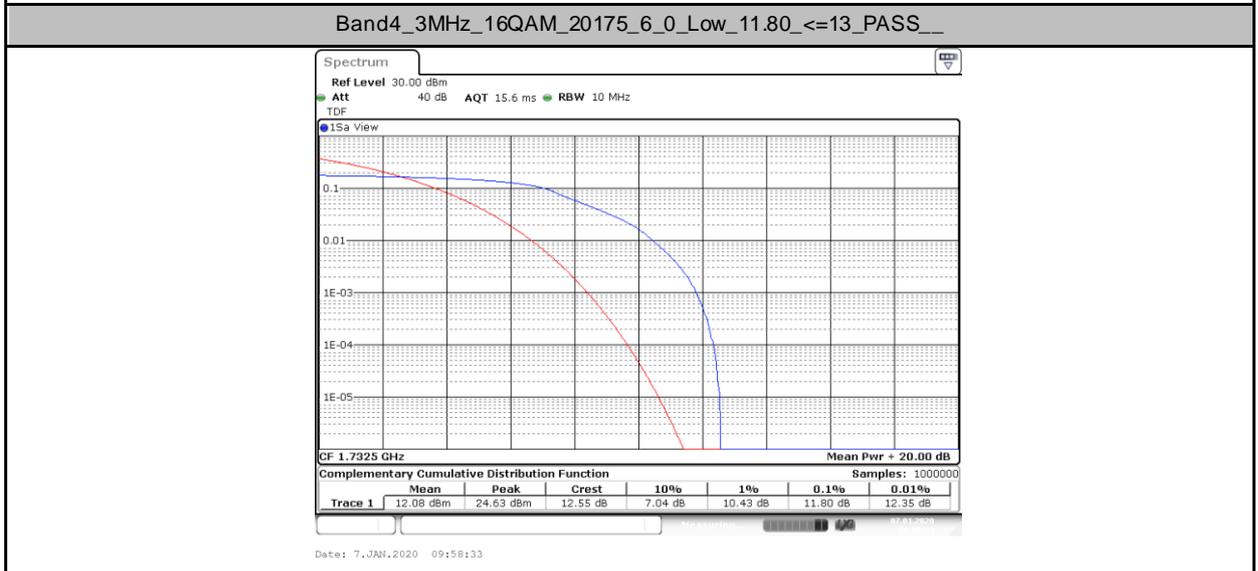
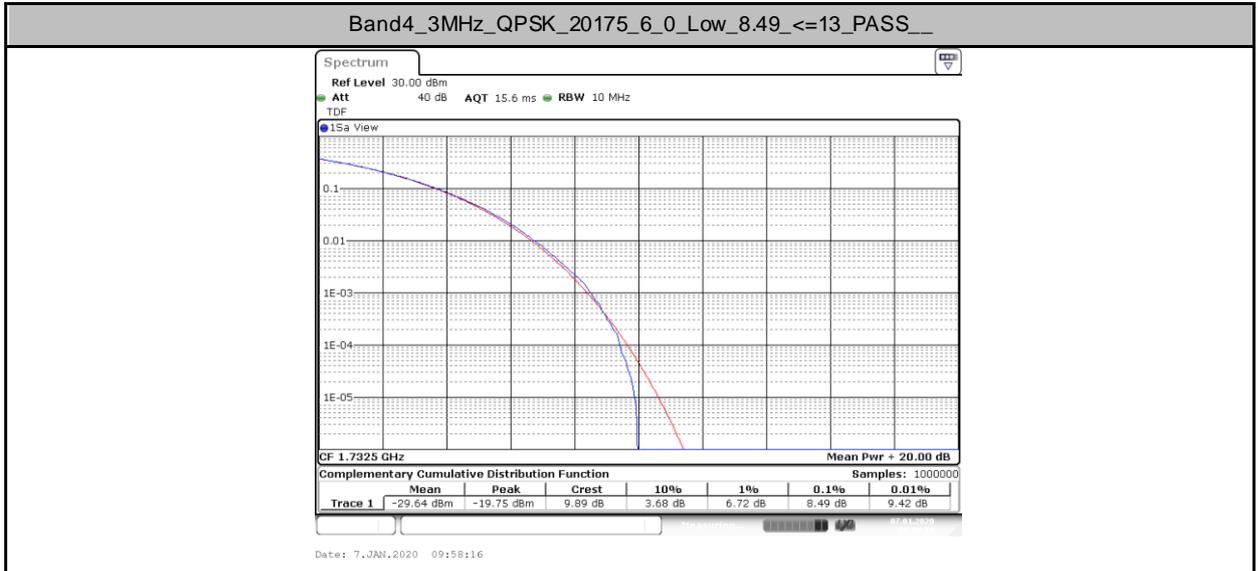
Appendix B.2: Peak-to-Average Ratio (CCDF) for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit (dB)	Verdict
Band4	1.4MHz	QPSK	20175	6	0	Low	8.52	<=13	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	11.83	<=13	PASS
Band4	3MHz	QPSK	20175	6	0	Low	8.49	<=13	PASS
Band4	3MHz	16QAM	20175	6	0	Low	11.80	<=13	PASS
Band4	5MHz	QPSK	20175	6	0	Low	8.32	<=13	PASS
Band4	5MHz	16QAM	20175	6	0	Low	9.13	<=13	PASS
Band4	10MHz	QPSK	20175	6	0	Low	8.43	<=13	PASS
Band4	10MHz	16QAM	20175	6	0	Low	11.68	<=13	PASS
Band4	15MHz	QPSK	20175	6	0	Low	5.74	<=13	PASS
Band4	15MHz	16QAM	20175	6	0	Low	8.93	<=13	PASS
Band4	20MHz	QPSK	20175	6	0	Low	8.58	<=13	PASS
Band4	20MHz	16QAM	20175	6	0	Low	10.41	<=13	PASS

Test Graphs





Band4_5MHz_16QAM_20175_6_0_Low_9.13_<=13_PASS__



Date: 7.JAN.2020 10:04:48

Band4_10MHz_QPSK_20175_6_0_Low_8.43_<=13_PASS__



Date: 7.JAN.2020 10:05:07

Band4_10MHz_16QAM_20175_6_0_Low_11.68_<=13_PASS__



Date: 7.JAN.2020 10:05:24

Band4_15MHz_QPSK_20175_6_0_Low_5.74_<=13_PASS_



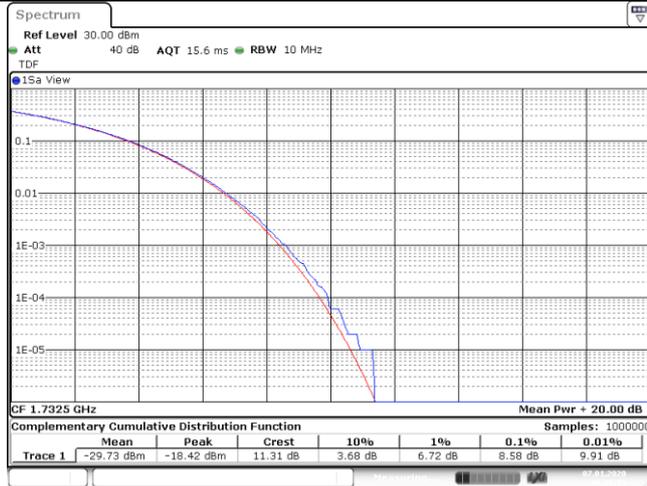
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Band4_15MHz_16QAM_20175_6_0_Low_8.93_<=13_PASS_



Date: 7.JAN.2020 10:10:57

Band4_20MHz_QPSK_20175_6_0_Low_8.58_<=13_PASS_



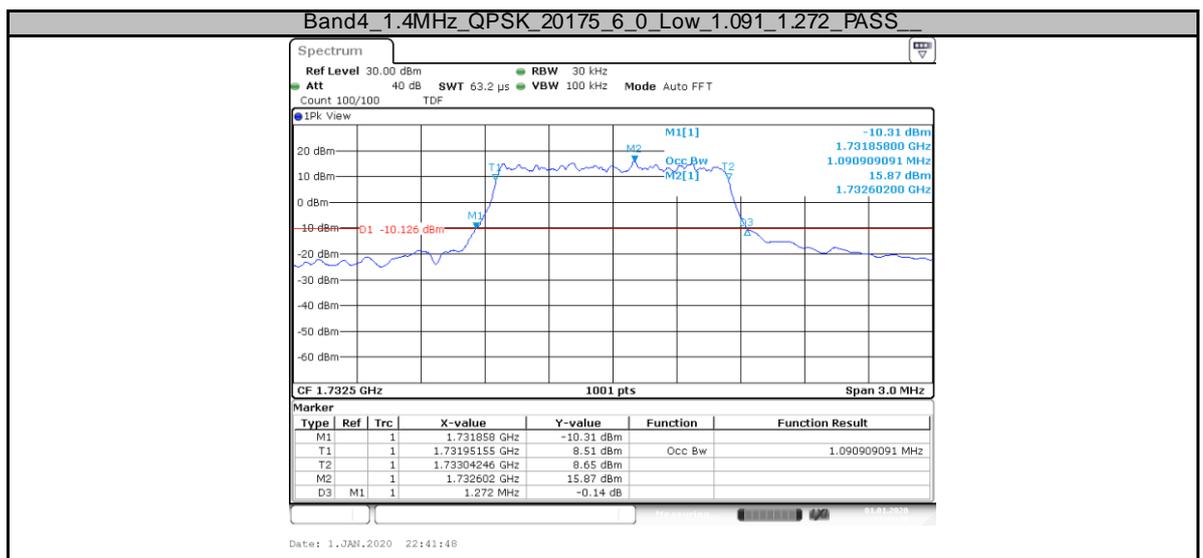
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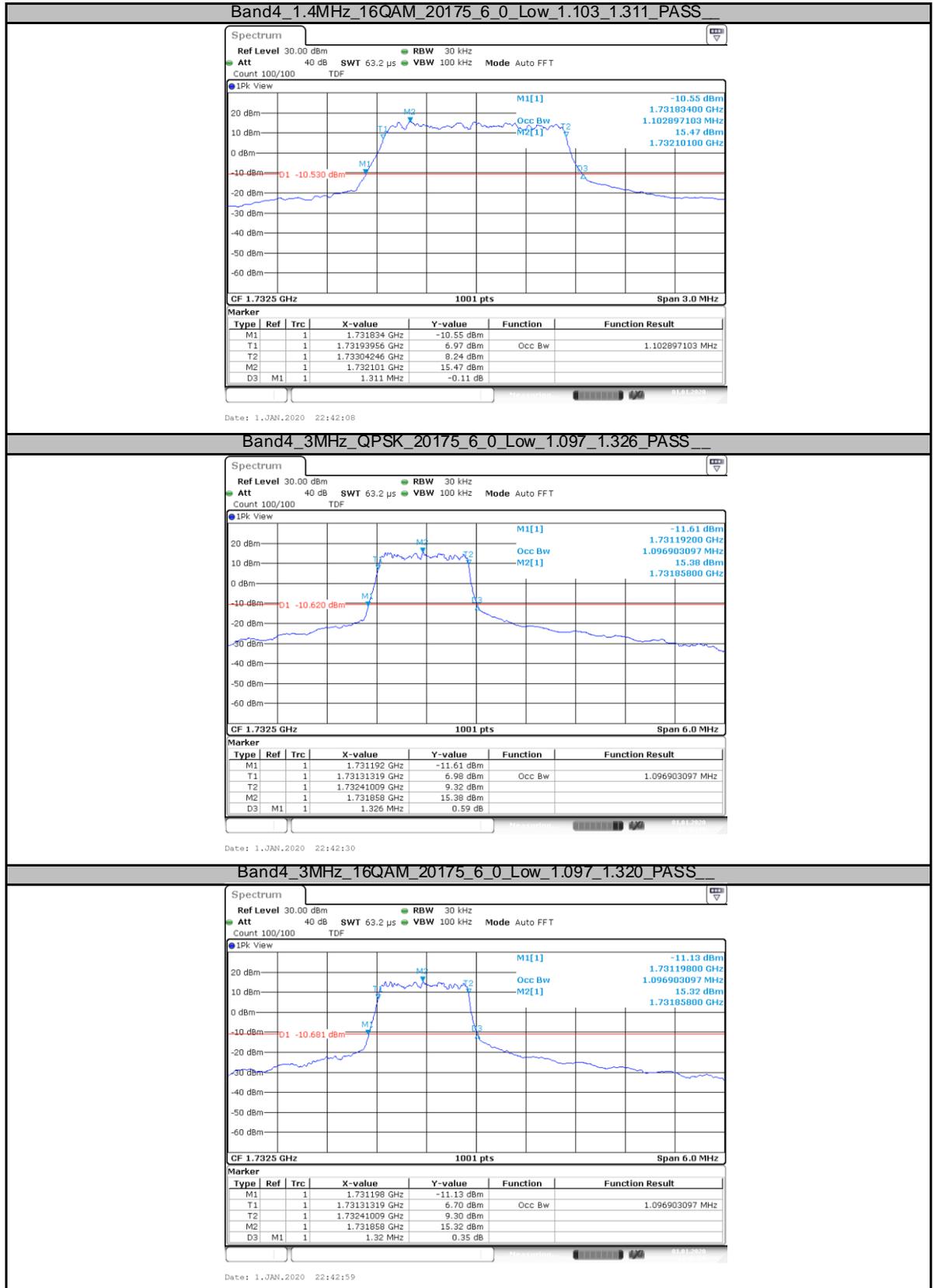
Appendix B.3: 26dB Bandwidth and Occupied Bandwidth for M1

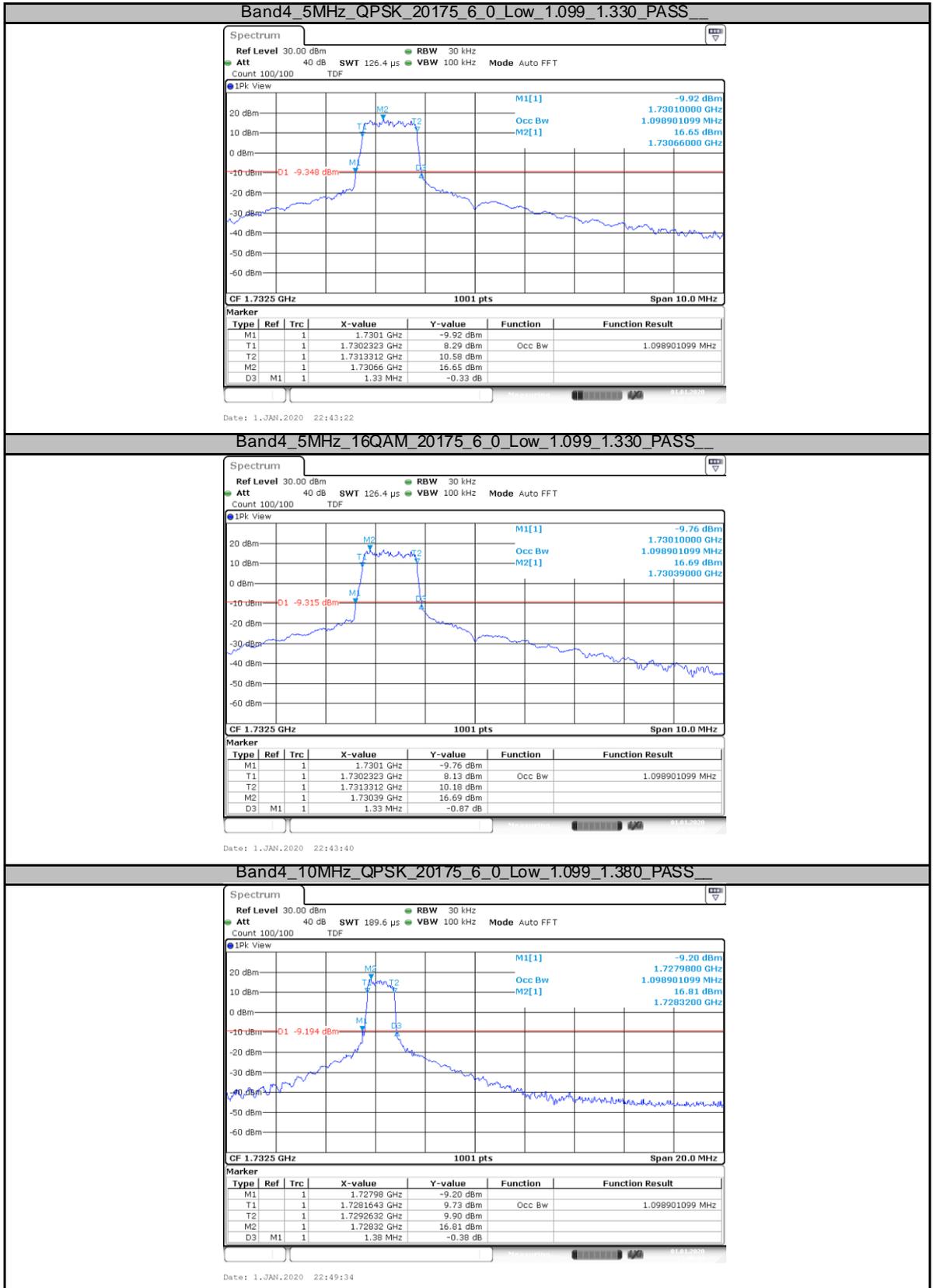
Test Result

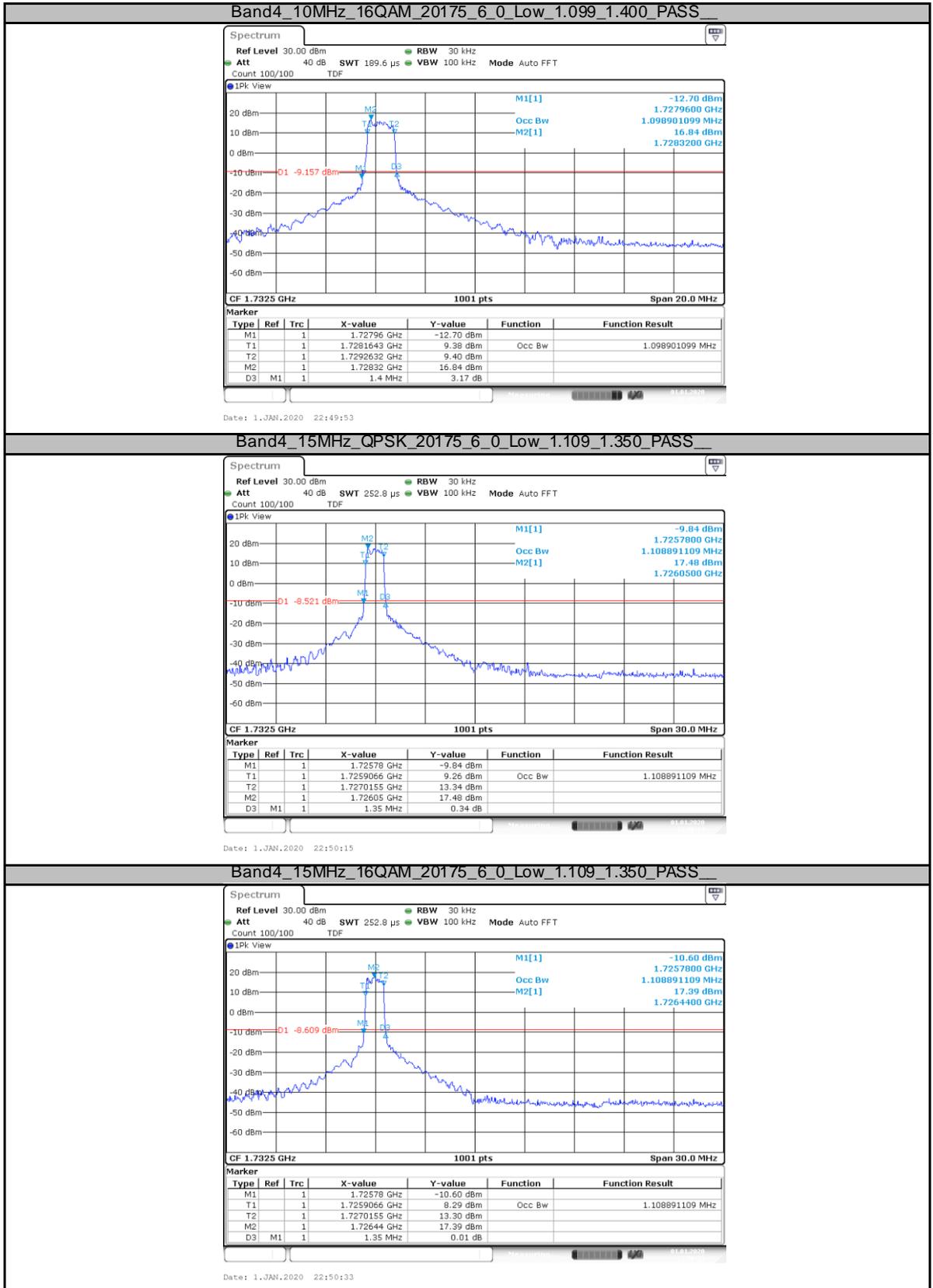
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6	0	Low	1.091	1.272	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	1.103	1.311	PASS
Band4	3MHz	QPSK	20175	6	0	Low	1.097	1.326	PASS
Band4	3MHz	16QAM	20175	6	0	Low	1.097	1.320	PASS
Band4	5MHz	QPSK	20175	6	0	Low	1.099	1.330	PASS
Band4	5MHz	16QAM	20175	6	0	Low	1.099	1.330	PASS
Band4	10MHz	QPSK	20175	6	0	Low	1.099	1.380	PASS
Band4	10MHz	16QAM	20175	6	0	Low	1.099	1.400	PASS
Band4	15MHz	QPSK	20175	6	0	Low	1.109	1.350	PASS
Band4	15MHz	16QAM	20175	6	0	Low	1.109	1.350	PASS
Band4	20MHz	QPSK	20175	6	0	Low	1.079	1.360	PASS
Band4	20MHz	16QAM	20175	6	0	Low	1.119	1.400	PASS

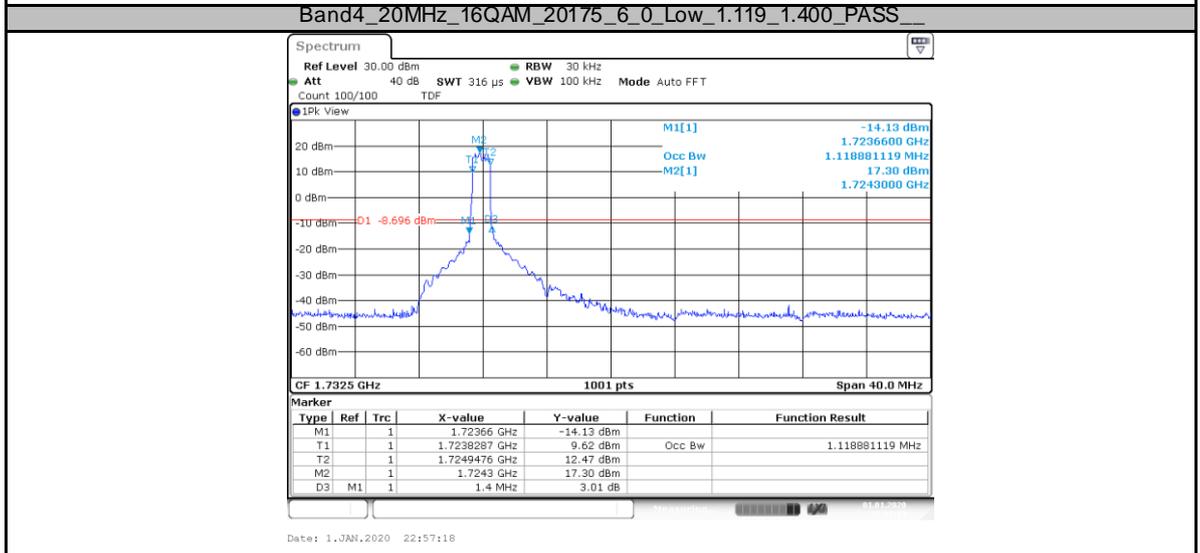
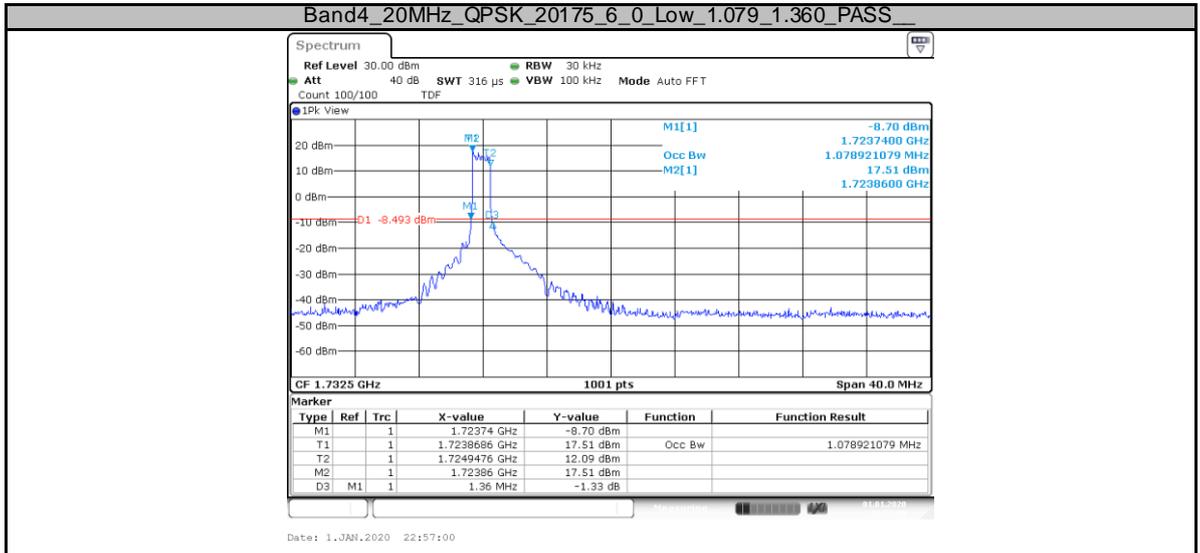
Test Graphs









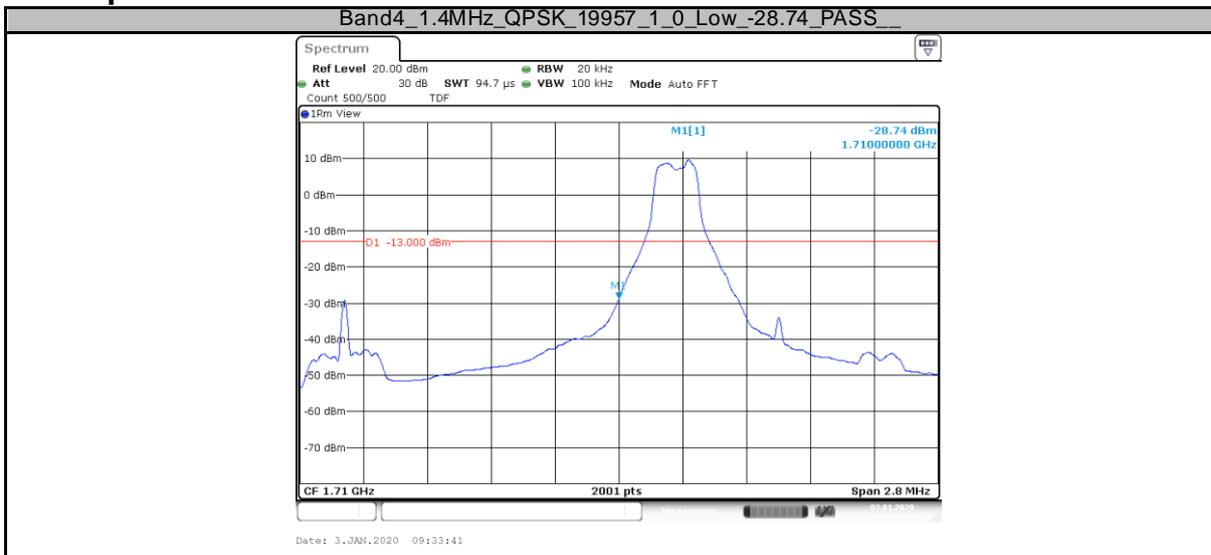


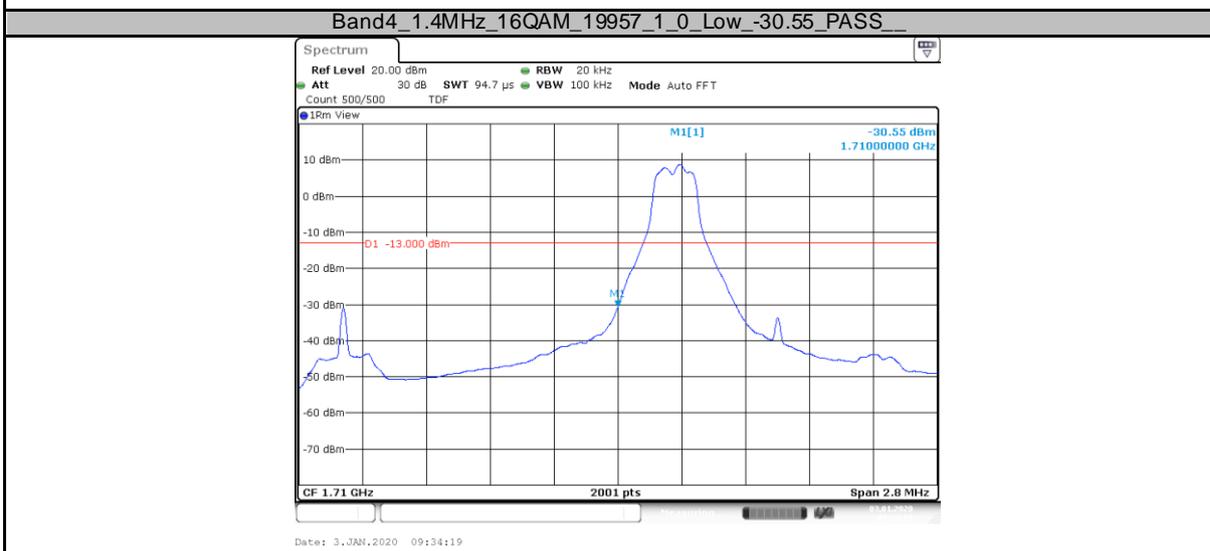
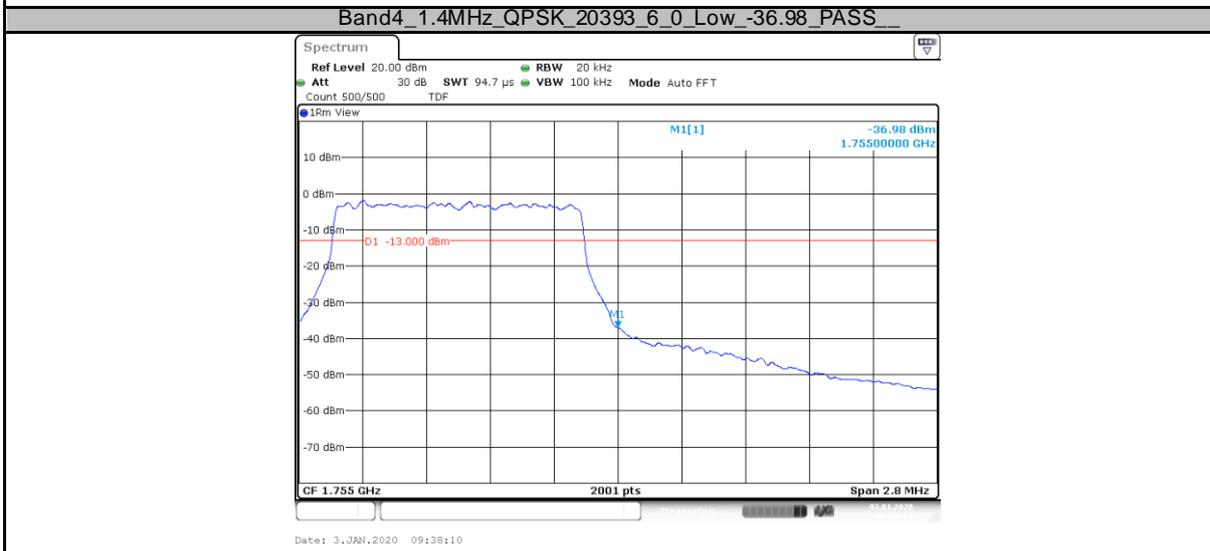
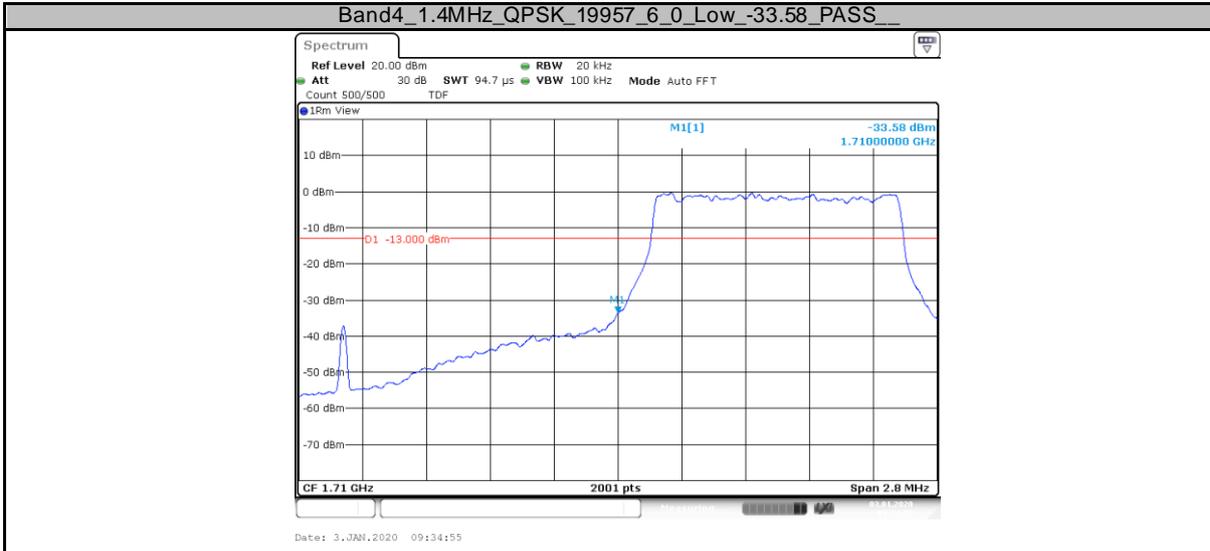
Appendix B.4: Band Edge for M1

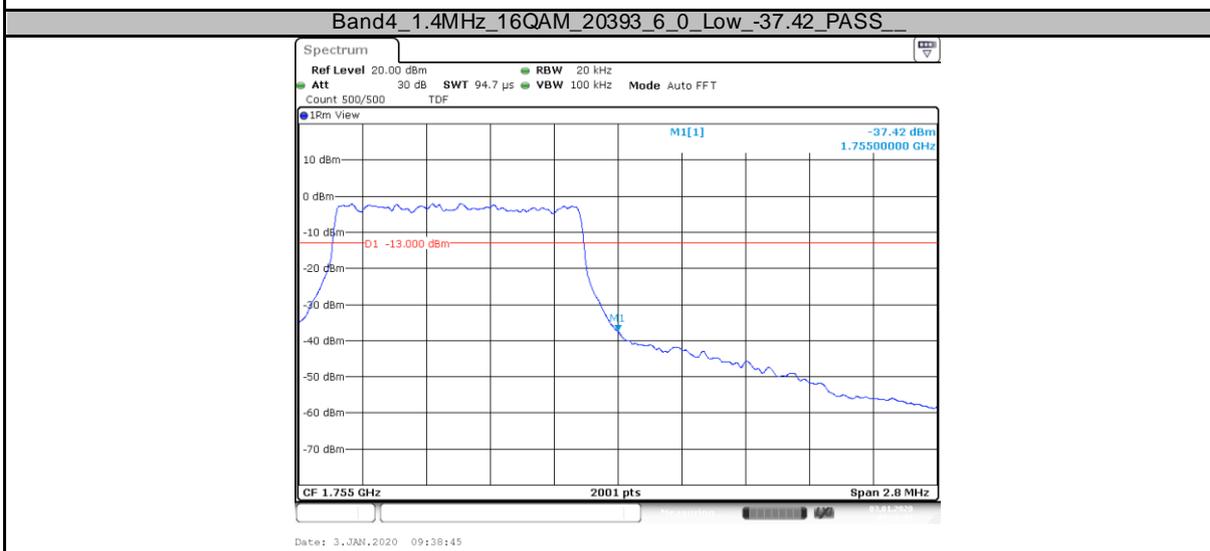
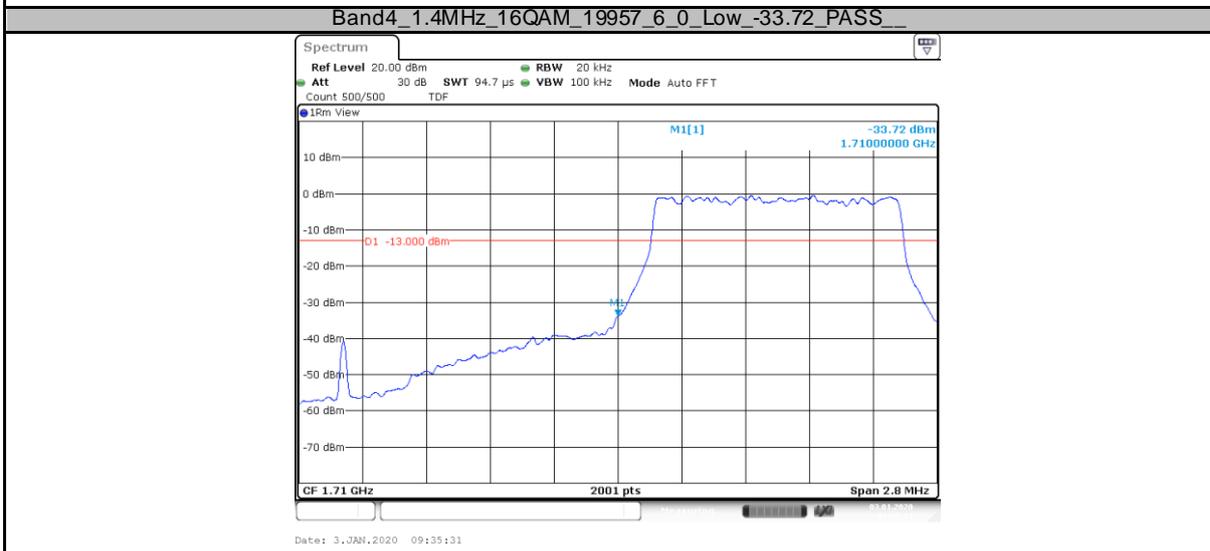
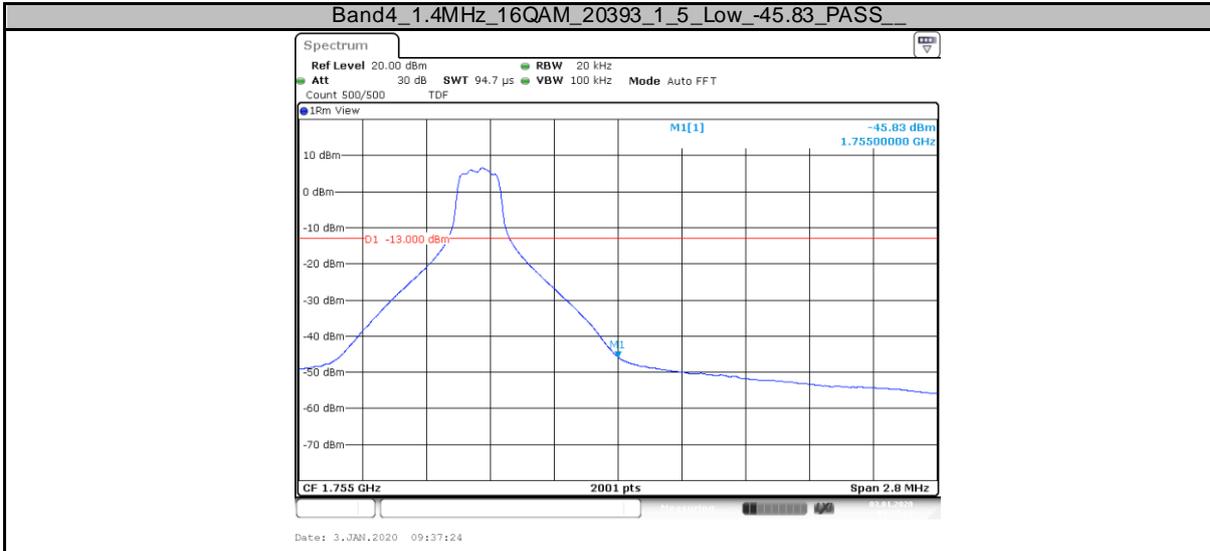
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1	0	Low	-28.74	PASS
Band4	1.4MHz	QPSK	20393	1	5	Low	-43.32	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	-33.58	PASS
Band4	1.4MHz	QPSK	20393	6	0	Low	-36.98	PASS
Band4	1.4MHz	16QAM	19957	1	0	Low	-30.55	PASS
Band4	1.4MHz	16QAM	20393	1	5	Low	-45.83	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	-33.72	PASS
Band4	1.4MHz	16QAM	20393	6	0	Low	-37.42	PASS

Test Graphs







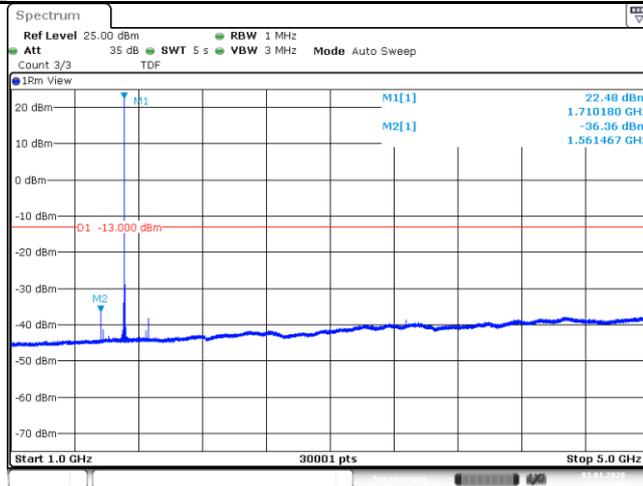
Appendix B.5: Conducted Spurious Emission for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1	0	Low	1000	5000	-36.36	PASS
Band4	1.4MHz	QPSK	19957	1	0	Low	5000	12000	-47.62	PASS
Band4	1.4MHz	QPSK	19957	1	0	Low	12000	26500	-41.4	PASS
Band4	1.4MHz	QPSK	19957	1	0	Low	30	1000	-35.54	PASS
Band4	1.4MHz	QPSK	20175	1	0	Low	5000	12000	-47.5	PASS
Band4	1.4MHz	QPSK	20175	1	0	Low	1000	5000	-37.87	PASS
Band4	1.4MHz	QPSK	20175	1	0	Low	30	1000	-35.28	PASS
Band4	1.4MHz	QPSK	20175	1	0	Low	12000	26500	-41.5	PASS
Band4	1.4MHz	QPSK	20393	1	5	Low	5000	12000	-47.25	PASS
Band4	1.4MHz	QPSK	20393	1	5	Low	1000	5000	-37.82	PASS
Band4	1.4MHz	QPSK	20393	1	5	Low	12000	26500	-41.14	PASS
Band4	1.4MHz	QPSK	20393	1	5	Low	30	1000	-35.43	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	5000	12000	-47.29	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	12000	26500	-41.53	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	1000	5000	-37.78	PASS
Band4	1.4MHz	QPSK	19957	6	0	Low	30	1000	-35.8	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	30	1000	-35.48	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	5000	12000	-47.28	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	1000	5000	-37.76	PASS
Band4	1.4MHz	QPSK	20175	6	0	Low	12000	26500	-41.27	PASS
Band4	1.4MHz	QPSK	20393	6	0	Low	30	1000	-34.73	PASS
Band4	1.4MHz	QPSK	20393	6	0	Low	1000	5000	-37.83	PASS
Band4	1.4MHz	QPSK	20393	6	0	Low	5000	12000	-47.42	PASS
Band4	1.4MHz	QPSK	20393	6	0	Low	12000	26500	-41.42	PASS
Band4	1.4MHz	16QAM	19957	1	0	Low	30	1000	-35.75	PASS
Band4	1.4MHz	16QAM	19957	1	0	Low	1000	5000	-37.33	PASS
Band4	1.4MHz	16QAM	19957	1	0	Low	12000	26500	-41.3	PASS
Band4	1.4MHz	16QAM	19957	1	0	Low	5000	12000	-47.35	PASS
Band4	1.4MHz	16QAM	20175	1	0	Low	1000	5000	-37.09	PASS
Band4	1.4MHz	16QAM	20175	1	0	Low	12000	26500	-41.45	PASS
Band4	1.4MHz	16QAM	20175	1	0	Low	30	1000	-36.01	PASS
Band4	1.4MHz	16QAM	20175	1	0	Low	5000	12000	-47.52	PASS
Band4	1.4MHz	16QAM	20393	1	5	Low	12000	26500	-41.41	PASS
Band4	1.4MHz	16QAM	20393	1	5	Low	5000	12000	-47.53	PASS
Band4	1.4MHz	16QAM	20393	1	5	Low	1000	5000	-36.92	PASS
Band4	1.4MHz	16QAM	20393	1	5	Low	30	1000	-35.52	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	12000	26500	-41.48	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	5000	12000	-47.29	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	1000	5000	-37.85	PASS
Band4	1.4MHz	16QAM	19957	6	0	Low	30	1000	-35.11	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	1000	5000	-37.71	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	5000	12000	-47.3	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	30	1000	-35.87	PASS
Band4	1.4MHz	16QAM	20175	6	0	Low	12000	26500	-41.34	PASS
Band4	1.4MHz	16QAM	20393	6	0	Low	12000	26500	-41.5	PASS
Band4	1.4MHz	16QAM	20393	6	0	Low	30	1000	-35.65	PASS
Band4	1.4MHz	16QAM	20393	6	0	Low	1000	5000	-37.85	PASS
Band4	1.4MHz	16QAM	20393	6	0	Low	5000	12000	-47.54	PASS

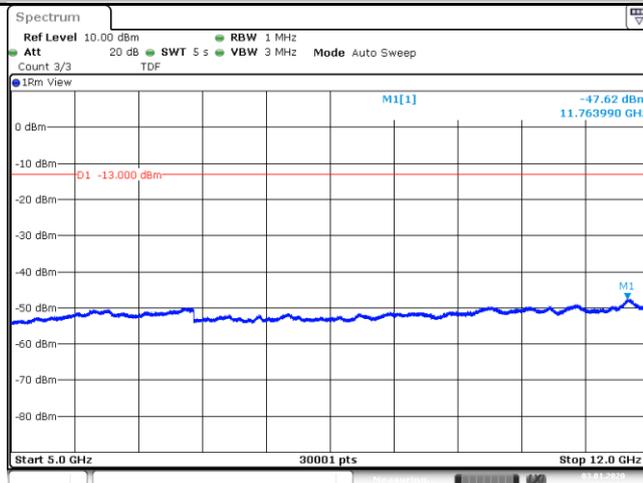
Test Graphs

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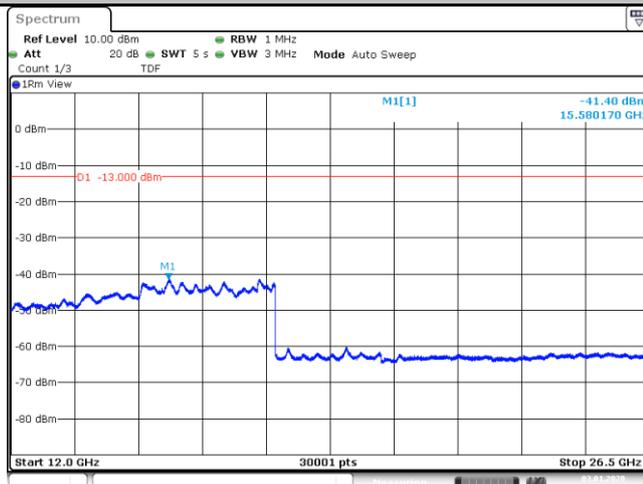
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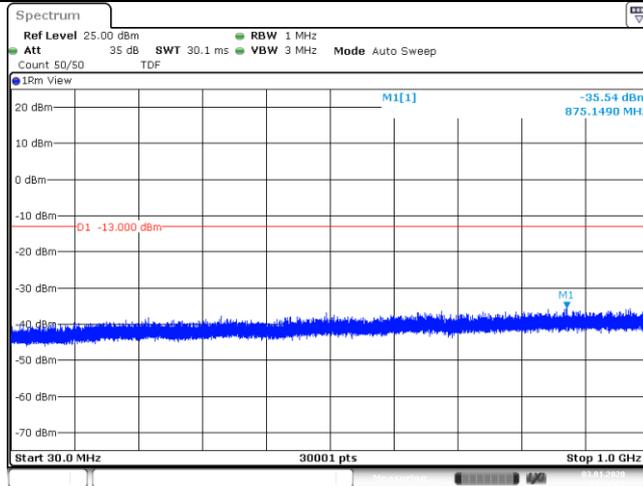
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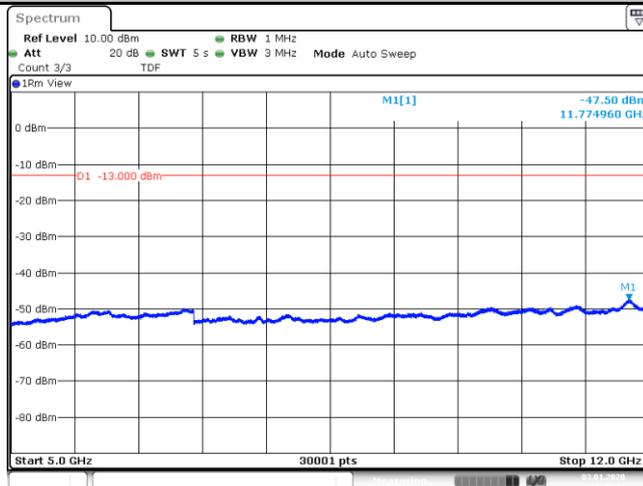
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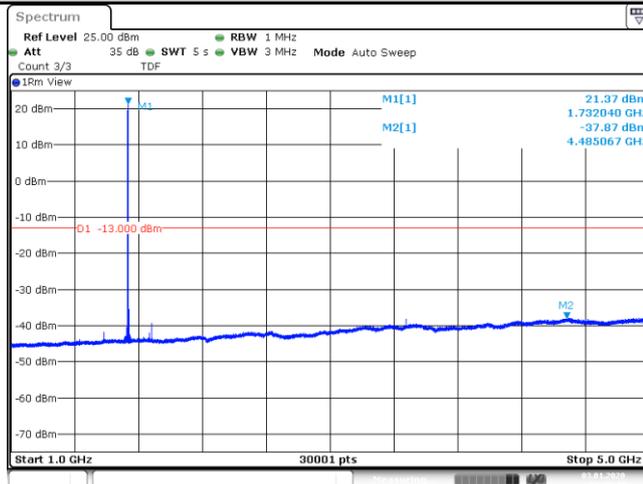
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Band4_1.4MHz_QPSK_20175_1_0_Low_5000_12000_-47.5_PASS_



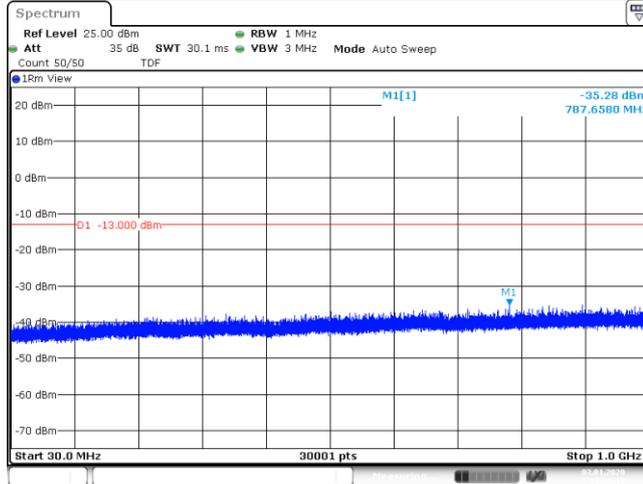
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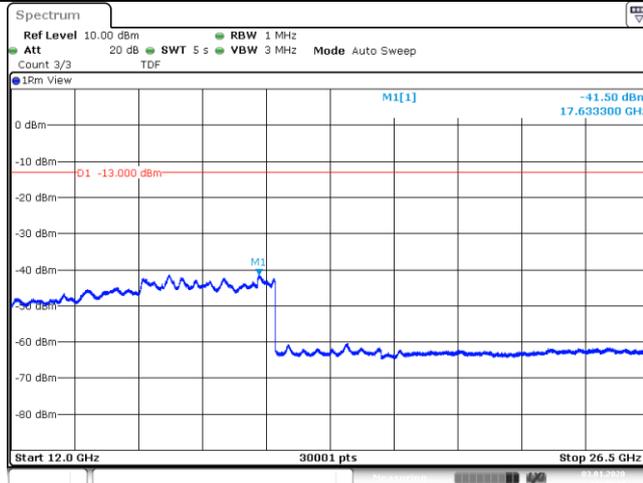
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Band4_1.4MHz_QPSK_20175_1_0_Low_30_1000_-35.28_PASS__



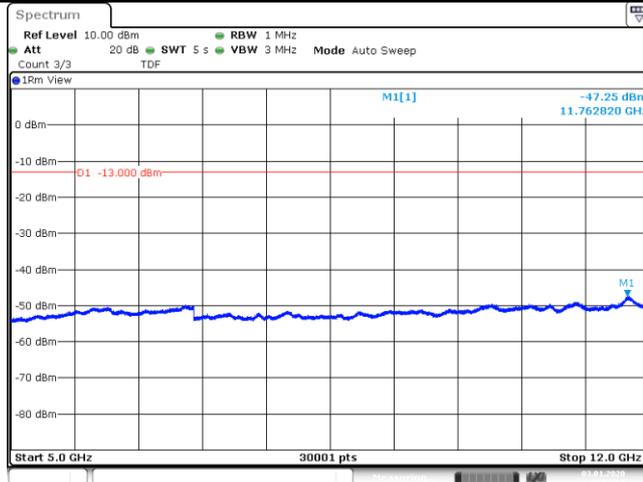
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Band4_1.4MHz_QPSK_20175_1_0_Low_12000_26500_-41.5_PASS__



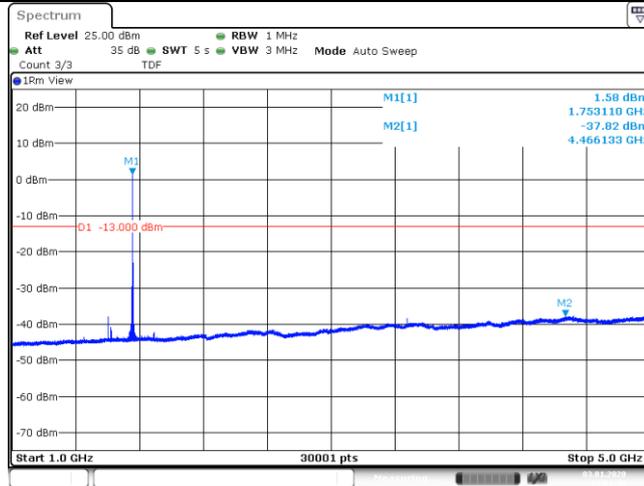
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Band4_1.4MHz_QPSK_20393_1_5_Low_5000_12000_-47.25_PASS__



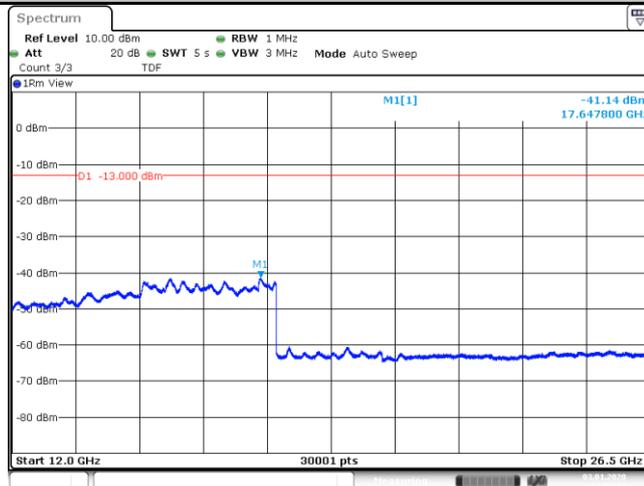
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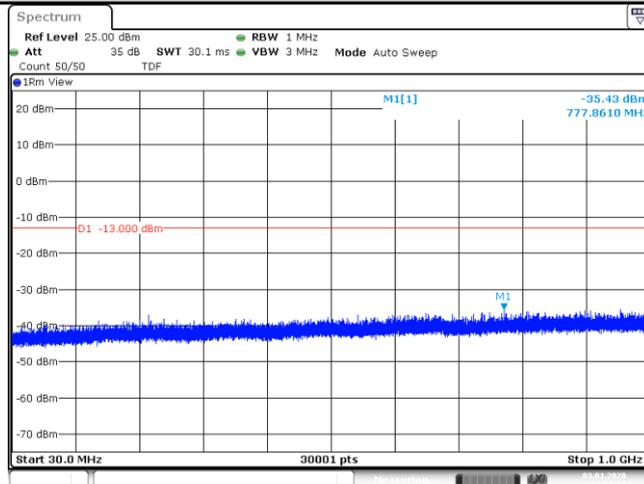
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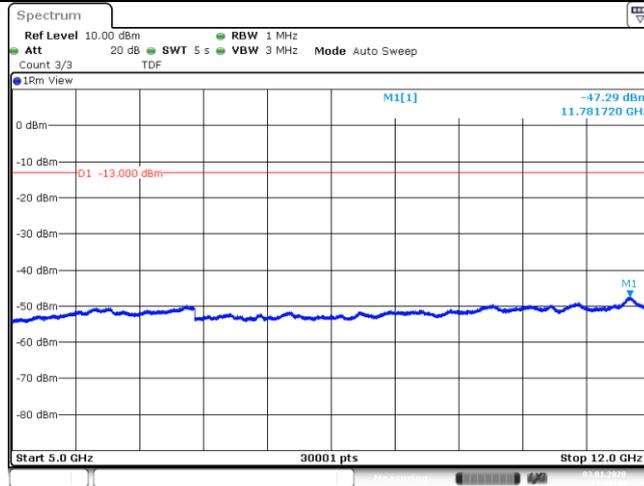
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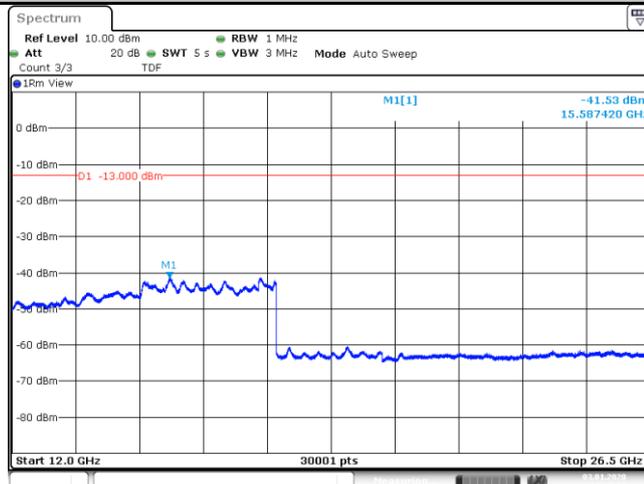
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Band4_1.4MHz_QPSK_19957_6_0_Low_5000_12000_-47.29_PASS_



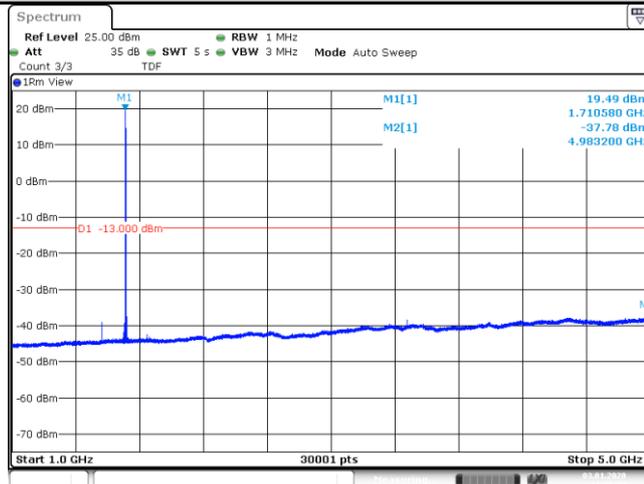
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Band4_1.4MHz_QPSK_19957_6_0_Low_12000_26500_-41.53_PASS_



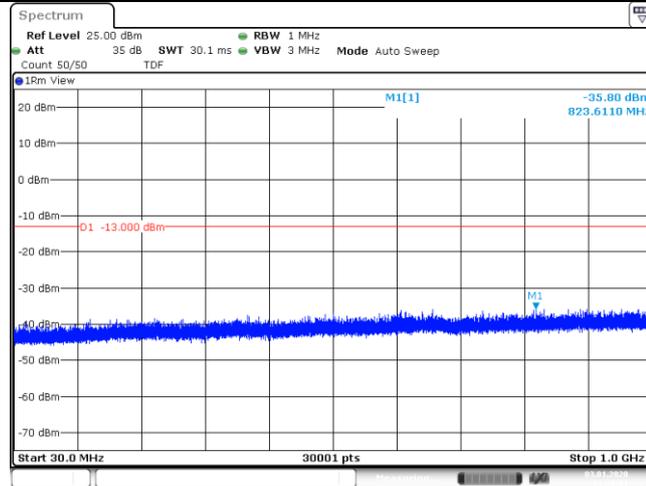
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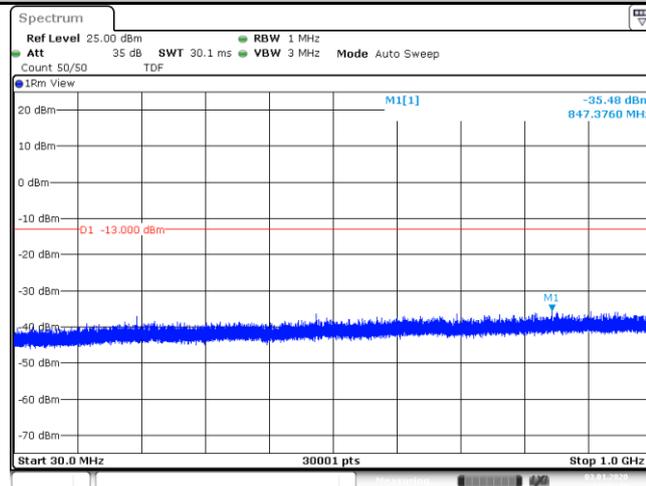


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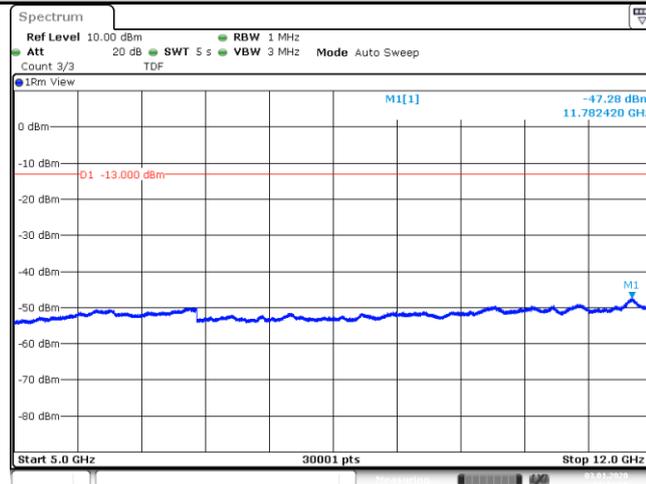
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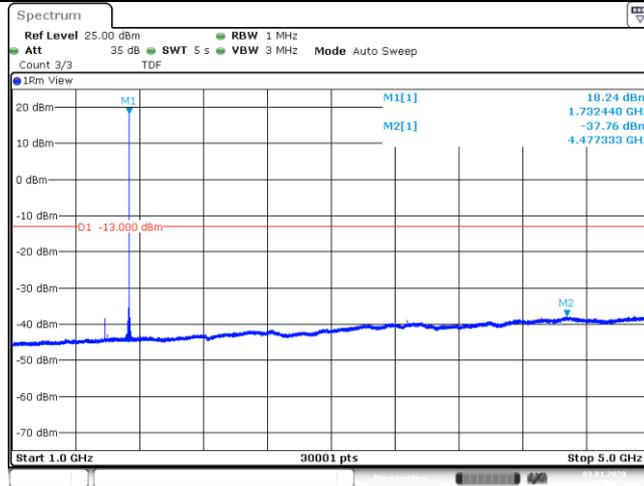
Band4_1.4MHz_QPSK_20175_6_0_Low_30_1000_-35.48_PASS_



Band4_1.4MHz_QPSK_20175_6_0_Low_5000_12000_-47.28_PASS_

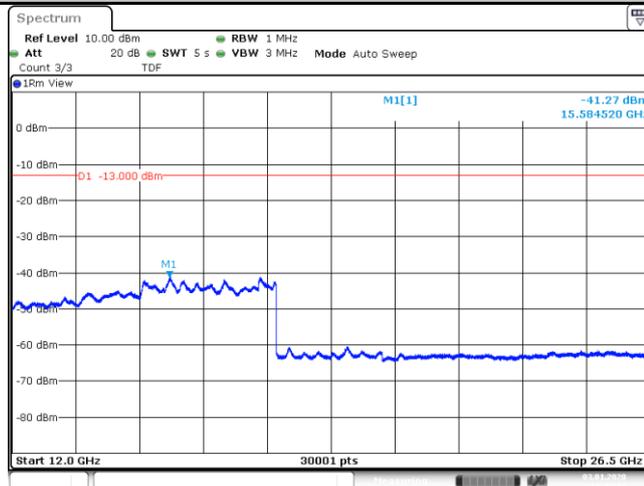


Band4_1.4MHz_QPSK_20175_6_0_Low_1000_5000_-37.76_PASS_



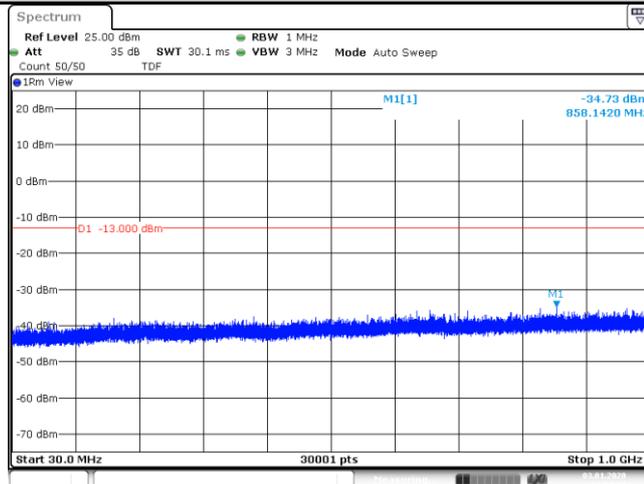
Date: 3. JAN. 2020 11:42:34

Band4_1.4MHz_QPSK_20175_6_0_Low_12000_26500_-41.27_PASS_



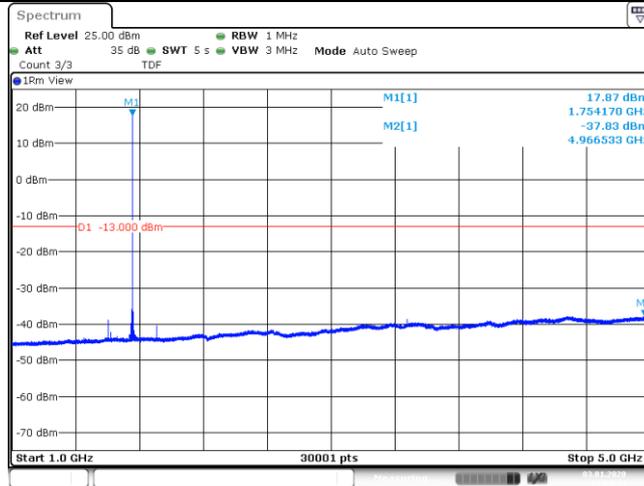
Date: 3. JAN. 2020 11:43:18

Band4_1.4MHz_QPSK_20393_6_0_Low_30_1000_-34.73_PASS_



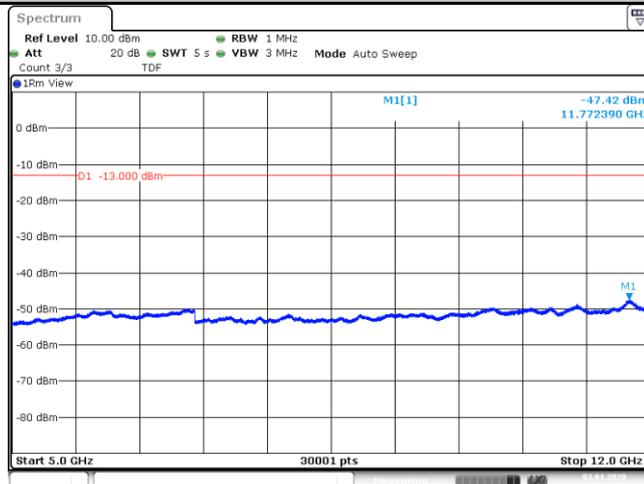
Date: 3. JAN. 2020 12:04:12

Band4_1.4MHz_QPSK_20393_6_0_Low_1000_5000_-37.83_PASS__



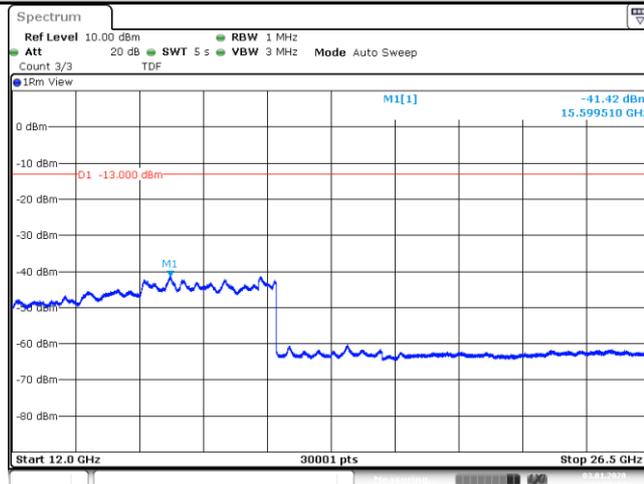
Date: 3. JAN. 2020 12:04:35

Band4_1.4MHz_QPSK_20393_6_0_Low_5000_12000_-47.42_PASS__



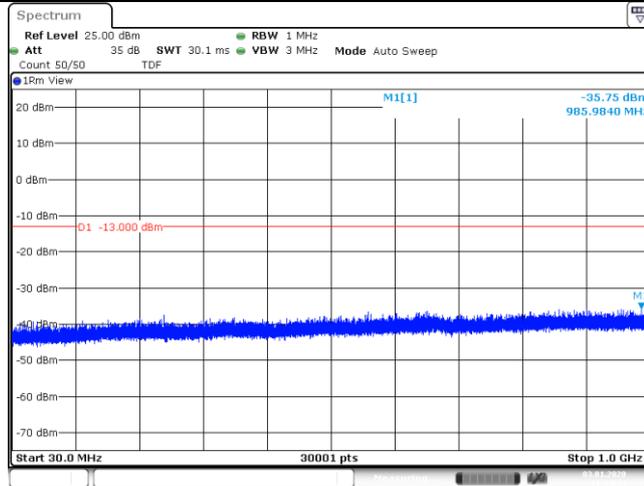
Date: 3. JAN. 2020 12:04:57

Band4_1.4MHz_QPSK_20393_6_0_Low_12000_26500_-41.42_PASS__



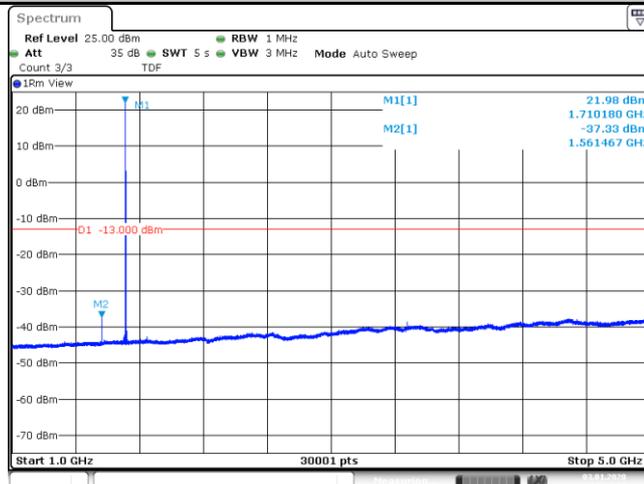
Date: 3. JAN. 2020 12:05:19

Band4_1.4MHz_16QAM_19957_1_0_Low_30_1000_-35.75_PASS__



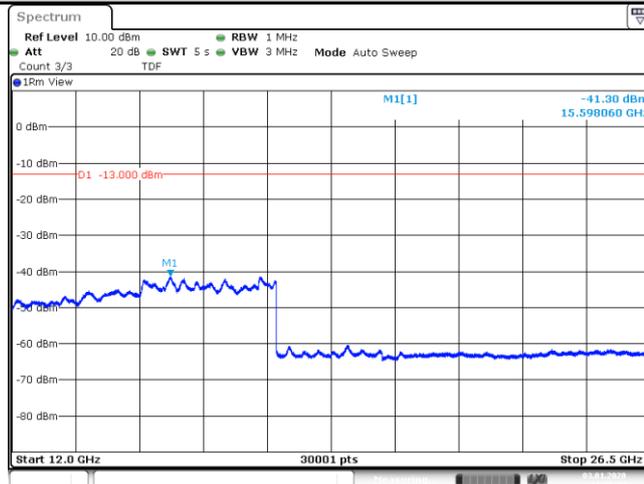
Date: 3. JAN. 2020 11:34:35

Band4_1.4MHz_16QAM_19957_1_0_Low_1000_5000_-37.33_PASS__



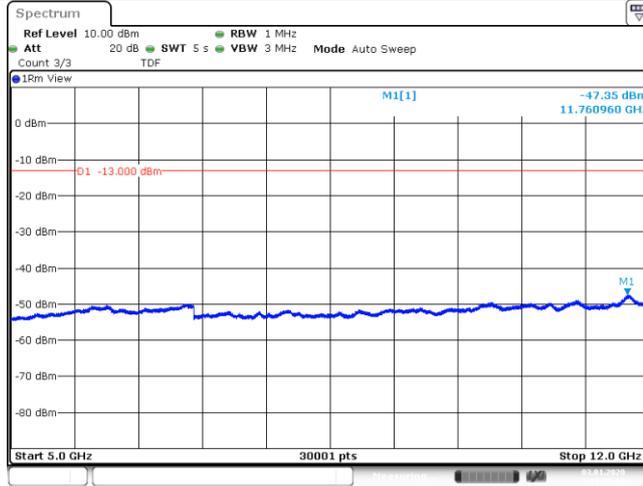
Date: 3. JAN. 2020 11:34:58

Band4_1.4MHz_16QAM_19957_1_0_Low_12000_26500_-41.3_PASS__

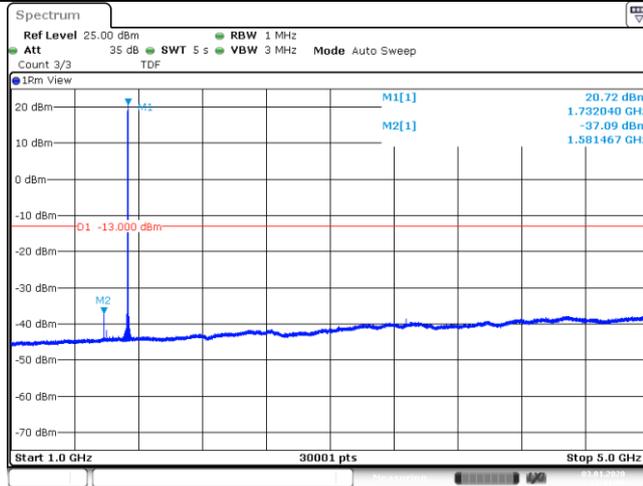


Date: 3. JAN. 2020 11:35:42

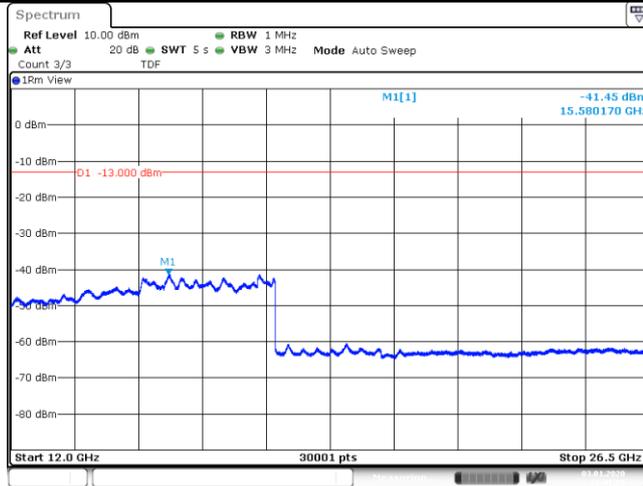
Band4_1.4MHz_16QAM_19957_1_0_Low_5000_12000_-47.35_PASS__



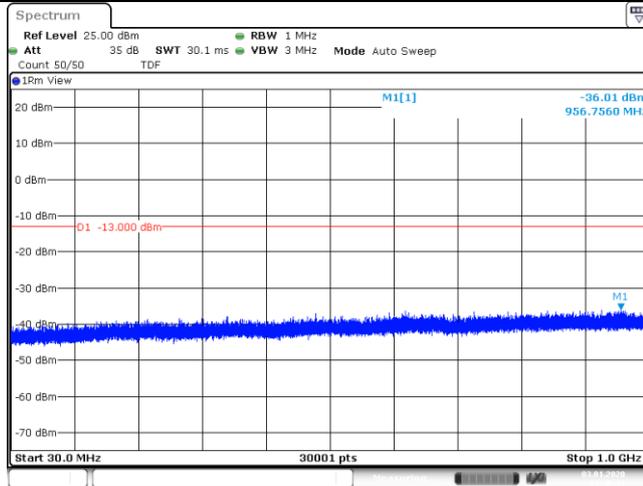
Band4_1.4MHz_16QAM_20175_1_0_Low_1000_5000_-37.09_PASS__



Band4_1.4MHz_16QAM_20175_1_0_Low_12000_26500_-41.45_PASS__

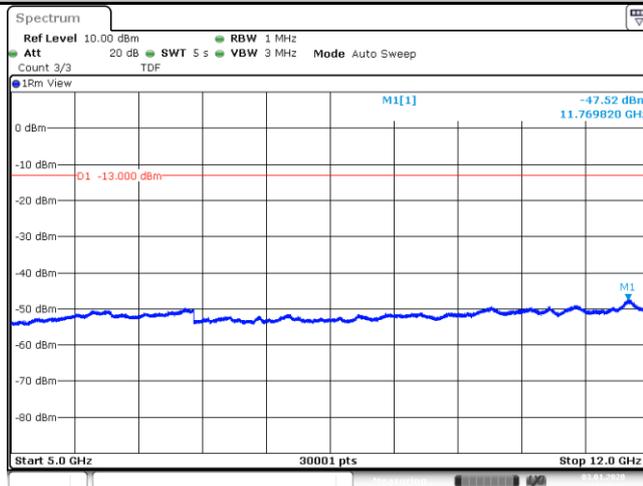


Band4_1.4MHz_16QAM_20175_1_0_Low_30_1000_-36.01_PASS_



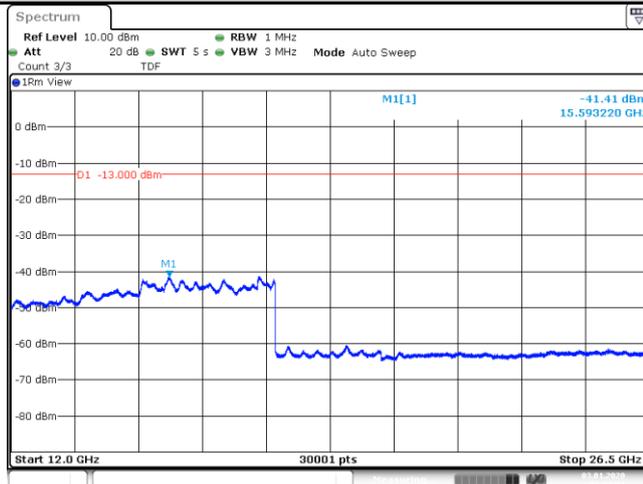
Date: 3.JAN.2020 11:40:44

Band4_1.4MHz_16QAM_20175_1_0_Low_5000_12000_-47.52_PASS_



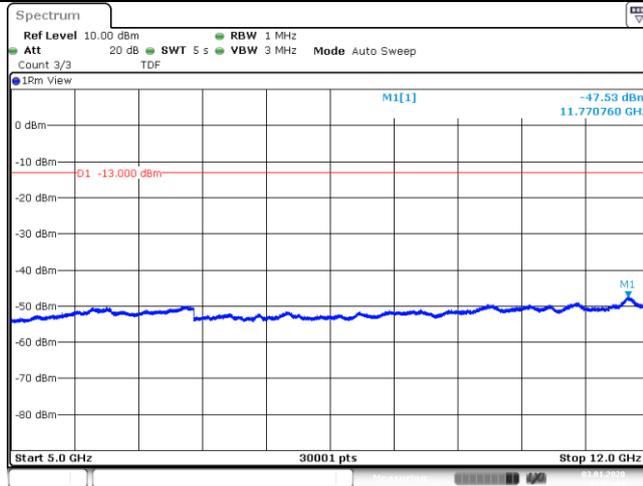
Date: 3.JAN.2020 11:41:29

Band4_1.4MHz_16QAM_20393_1_5_Low_12000_26500_-41.41_PASS_

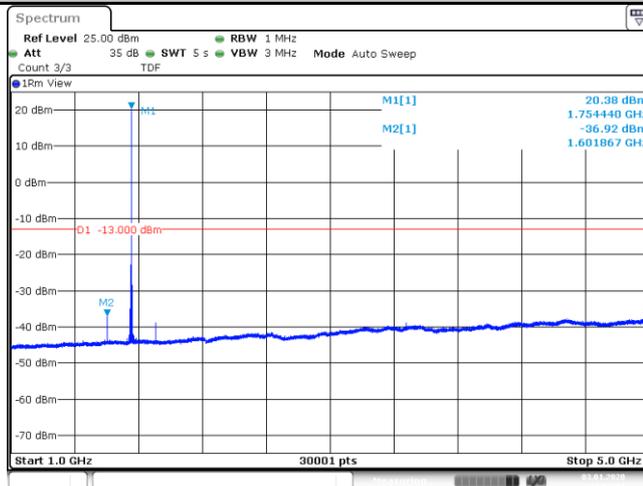


Date: 3.JAN.2020 12:03:52

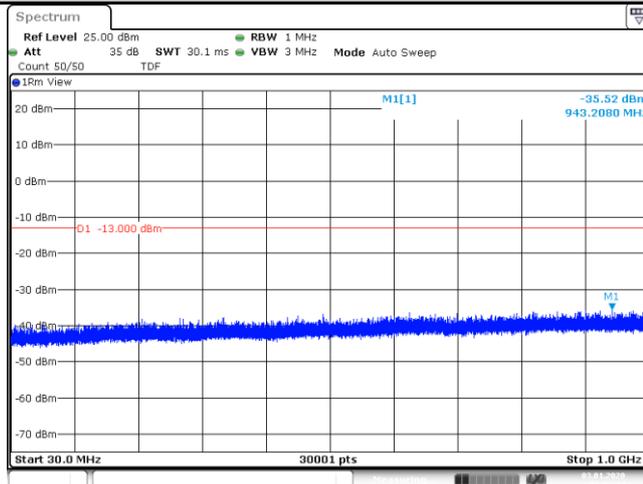
Band4_1.4MHz_16QAM_20393_1_5_Low_5000_12000_-47.53_PASS__



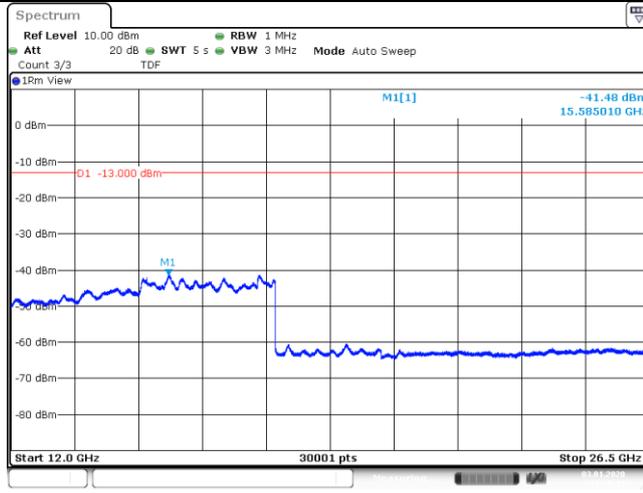
Band4_1.4MHz_16QAM_20393_1_5_Low_1000_5000_-36.92_PASS__



Band4_1.4MHz_16QAM_20393_1_5_Low_30_1000_-35.52_PASS__

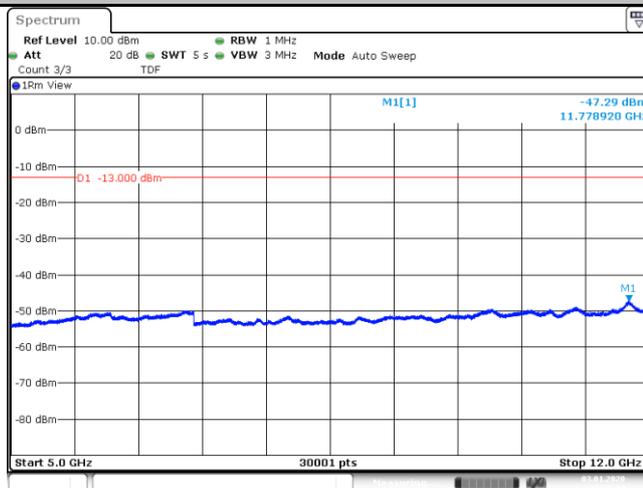


Band4_1.4MHz_16QAM_19957_6_0_Low_12000_26500_-41.48_PASS__



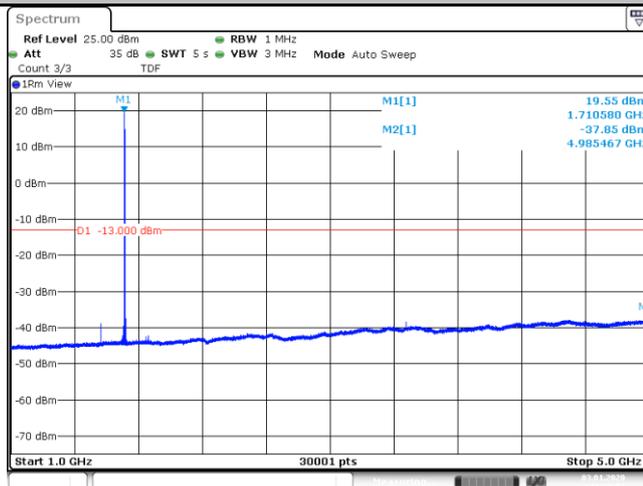
Date: 3.JAN.2020 11:38:36

Band4_1.4MHz_16QAM_19957_6_0_Low_5000_12000_-47.29_PASS__



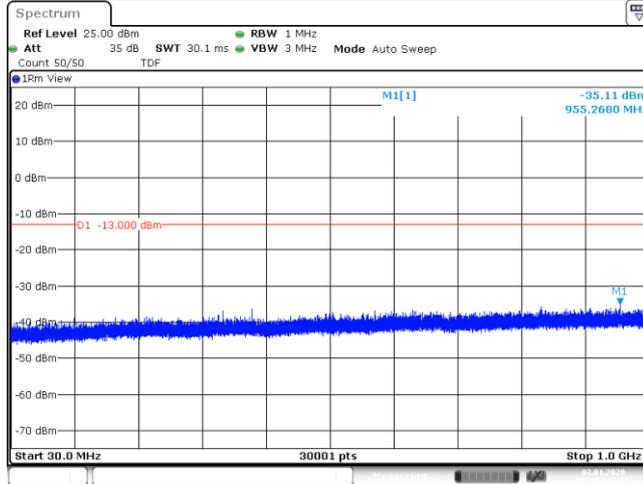
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Band4_1.4MHz_16QAM_19957_6_0_Low_1000_5000_-37.85_PASS__



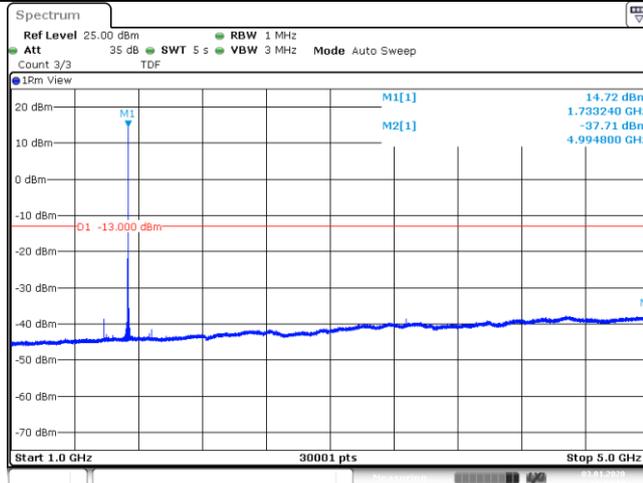
Date: 3.JAN.2020 11:37:52

Band4_1.4MHz_16QAM_19957_6_0_Low_30_1000_-35.11_PASS__



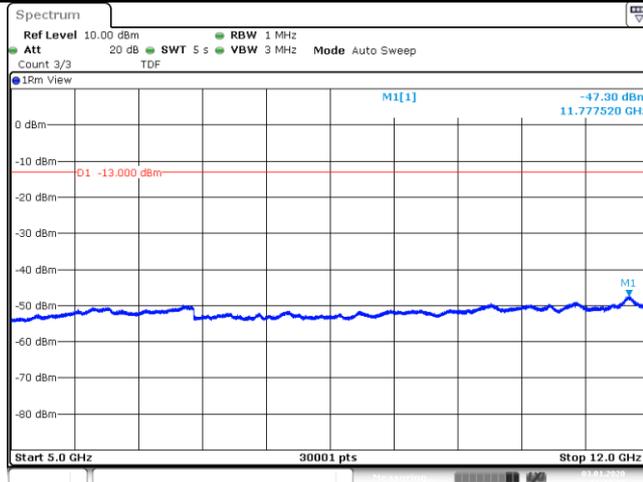
Date: 3.JAN.2020 11:37:29

Band4_1.4MHz_16QAM_20175_6_0_Low_1000_5000_-37.71_PASS__



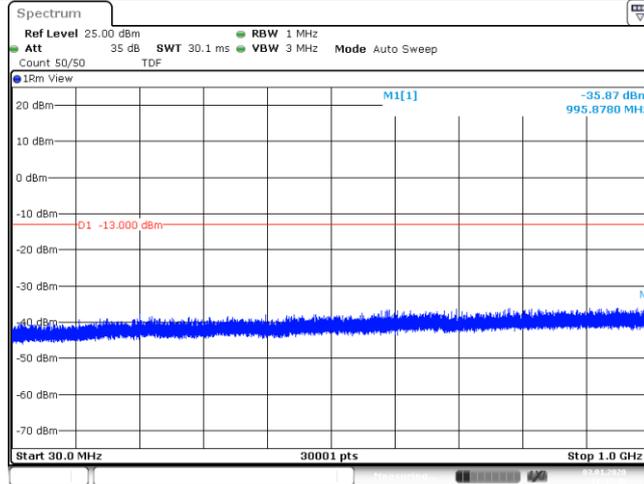
Date: 3.JAN.2020 11:44:11

Band4_1.4MHz_16QAM_20175_6_0_Low_5000_12000_-47.3_PASS__



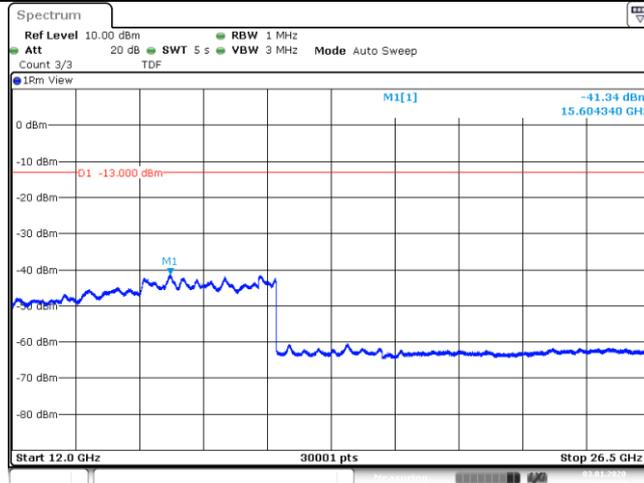
Date: 3.JAN.2020 11:44:33

Band4_1.4MHz_16QAM_20175_6_0_Low_30_1000_-35.87_PASS__



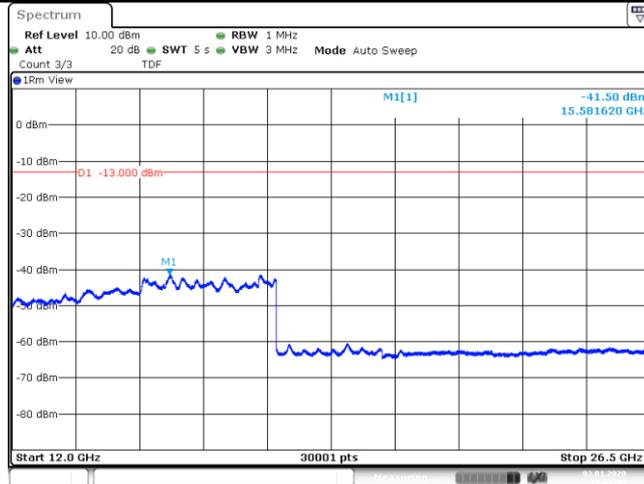
Date: 3.JAN.2020 11:43:48

Band4_1.4MHz_16QAM_20175_6_0_Low_12000_26500_-41.34_PASS__



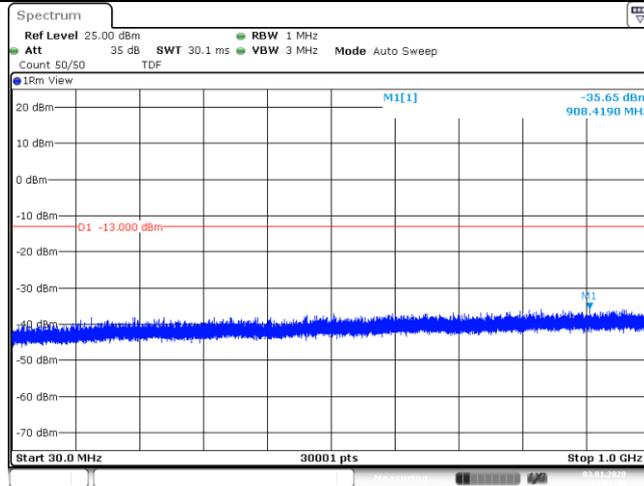
Date: 3.JAN.2020 11:44:55

Band4_1.4MHz_16QAM_20393_6_0_Low_12000_26500_-41.5_PASS__



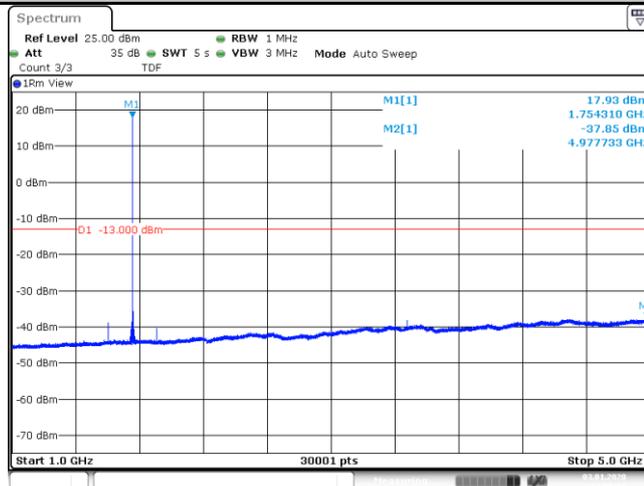
Date: 3.JAN.2020 12:06:46

Band4_1.4MHz_16QAM_20393_6_0_Low_30_1000_-35.65_PASS__



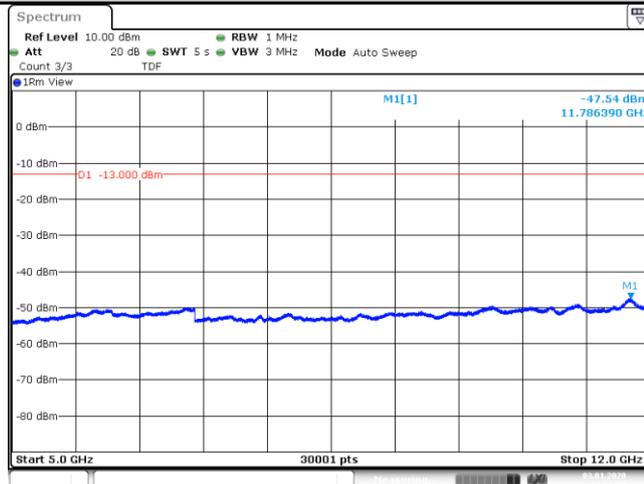
Date: 3. JAN. 2020 12:05:39

Band4_1.4MHz_16QAM_20393_6_0_Low_1000_5000_-37.85_PASS__



Date: 3. JAN. 2020 12:06:02

Band4_1.4MHz_16QAM_20393_6_0_Low_5000_12000_-47.54_PASS__



Date: 3. JAN. 2020 12:06:24