

Appendix H: Test Results of Band 26 Upper Band for eMTC operation

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Appendix H.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)	ERP		Limit (watts)		Verdict
								dBm	watts	FCC	ISED	
Band26	1.4MHz	QPSK	26797	1	0	Low	22.81	22.8	0.191	7	11.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	22.62	22.61	0.182	7	11.5	PASS
Band26	1.4MHz	QPSK	27033	1	5	Low	22.44	22.43	0.175	7	11.5	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	20.68	20.67	0.117	7	11.5	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	20.51	20.5	0.112	7	11.5	PASS
Band26	1.4MHz	QPSK	27033	6	0	Low	20.40	20.39	0.109	7	11.5	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	21.92	21.91	0.155	7	11.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	22.11	22.1	0.162	7	11.5	PASS
Band26	1.4MHz	16QAM	27033	1	5	Low	21.56	21.55	0.143	7	11.5	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	20.68	20.67	0.117	7	11.5	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	20.51	20.5	0.112	7	11.5	PASS
Band26	1.4MHz	16QAM	27033	6	0	Low	20.39	20.38	0.109	7	11.5	PASS
Band26	3MHz	QPSK	26805	1	0	Low	22.83	22.82	0.191	7	11.5	PASS
Band26	3MHz	QPSK	26915	1	0	Low	22.65	22.64	0.184	7	11.5	PASS
Band26	3MHz	QPSK	27025	1	5	High	22.50	22.49	0.177	7	11.5	PASS
Band26	3MHz	QPSK	26805	6	0	Low	20.65	20.64	0.116	7	11.5	PASS
Band26	3MHz	QPSK	26915	6	0	Low	20.47	20.46	0.111	7	11.5	PASS
Band26	3MHz	QPSK	27025	6	0	High	20.42	20.41	0.110	7	11.5	PASS
Band26	3MHz	16QAM	26805	1	0	Low	21.93	21.92	0.156	7	11.5	PASS
Band26	3MHz	16QAM	26915	1	0	Low	21.80	21.79	0.151	7	11.5	PASS
Band26	3MHz	16QAM	27025	1	5	High	21.56	21.55	0.143	7	11.5	PASS
Band26	3MHz	16QAM	26805	6	0	Low	20.73	20.72	0.118	7	11.5	PASS
Band26	3MHz	16QAM	26915	6	0	Low	20.54	20.53	0.113	7	11.5	PASS
Band26	3MHz	16QAM	27025	6	0	High	20.39	20.38	0.109	7	11.5	PASS
Band26	5MHz	QPSK	26815	1	0	Low	22.81	22.8	0.191	7	11.5	PASS
Band26	5MHz	QPSK	26915	1	0	Low	22.62	22.61	0.182	7	11.5	PASS
Band26	5MHz	QPSK	27015	1	5	High	22.48	22.47	0.177	7	11.5	PASS
Band26	5MHz	QPSK	27015	3	3	High	21.48	21.47	0.140	7	11.5	PASS
Band26	5MHz	QPSK	26815	6	0	Low	21.64	21.63	0.146	7	11.5	PASS
Band26	5MHz	QPSK	26915	6	0	Low	21.44	21.43	0.139	7	11.5	PASS
Band26	5MHz	16QAM	26815	1	0	Low	22.97	22.96	0.198	7	11.5	PASS
Band26	5MHz	16QAM	26915	1	0	Low	22.79	22.78	0.190	7	11.5	PASS
Band26	5MHz	16QAM	27015	1	5	High	22.64	22.63	0.183	7	11.5	PASS
Band26	5MHz	16QAM	27015	3	3	High	21.65	21.64	0.146	7	11.5	PASS
Band26	5MHz	16QAM	26815	6	0	Low	21.64	21.63	0.146	7	11.5	PASS
Band26	5MHz	16QAM	26915	6	0	Low	21.44	21.43	0.139	7	11.5	PASS
Band26	10MHz	QPSK	26840	1	0	Low	22.77	22.76	0.189	7	11.5	PASS
Band26	10MHz	QPSK	26915	1	0	Low	22.70	22.69	0.186	7	11.5	PASS
Band26	10MHz	QPSK	26990	1	5	High	22.49	22.48	0.177	7	11.5	PASS
Band26	10MHz	QPSK	26840	5	0	Low	21.64	21.63	0.146	7	11.5	PASS
Band26	10MHz	QPSK	26915	5	0	Low	21.57	21.56	0.143	7	11.5	PASS
Band26	10MHz	QPSK	26990	5	1	High	21.44	21.43	0.139	7	11.5	PASS
Band26	10MHz	16QAM	26840	1	0	Low	22.93	22.92	0.196	7	11.5	PASS
Band26	10MHz	16QAM	26915	1	0	Low	22.86	22.85	0.193	7	11.5	PASS
Band26	10MHz	16QAM	26990	1	5	High	22.65	22.64	0.184	7	11.5	PASS
Band26	10MHz	16QAM	26840	5	0	Low	21.77	21.76	0.150	7	11.5	PASS
Band26	10MHz	16QAM	26915	5	0	Low	21.69	21.68	0.147	7	11.5	PASS
Band26	10MHz	16QAM	26990	5	1	High	21.57	21.56	0.143	7	11.5	PASS
Band26	15MHz	QPSK	26865	1	0	Low	22.78	22.77	0.189	7	11.5	PASS
Band26	15MHz	QPSK	26915	1	0	Low	22.71	22.7	0.186	7	11.5	PASS
Band26	15MHz	QPSK	26965	1	5	High	22.49	22.48	0.177	7	11.5	PASS

Produkte
Products

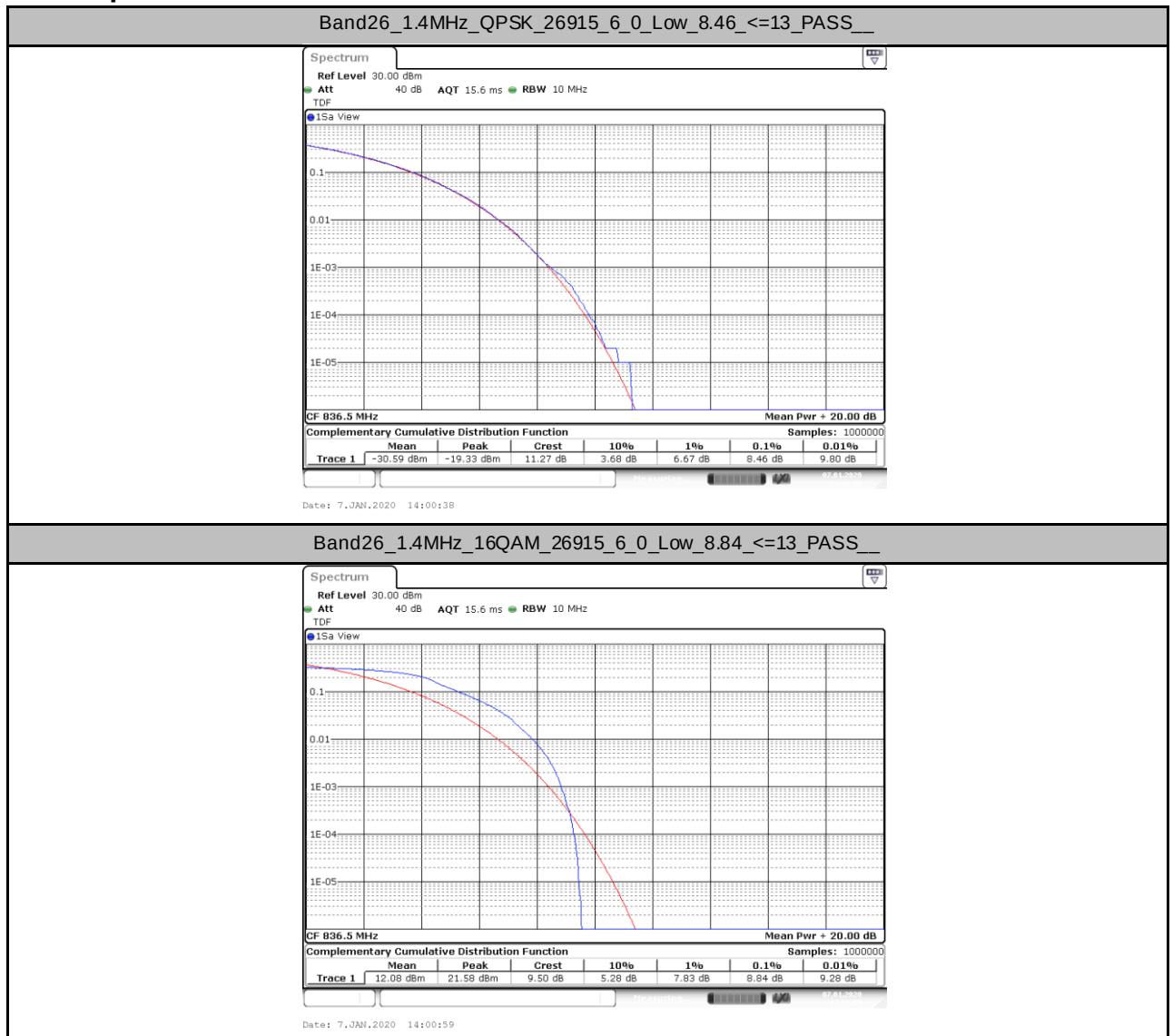
Band26	15MHz	QPSK	26865	6	0	Low	22.57	22.56	0.180	7	11.5	PASS
Band26	15MHz	QPSK	26915	6	0	Low	22.50	22.49	0.177	7	11.5	PASS
Band26	15MHz	QPSK	26965	6	0	High	22.39	22.38	0.173	7	11.5	PASS
Band26	15MHz	16QAM	26865	1	0	Low	22.96	22.95	0.197	7	11.5	PASS
Band26	15MHz	16QAM	26915	1	0	Low	22.89	22.88	0.194	7	11.5	PASS
Band26	15MHz	16QAM	26965	1	5	High	22.65	22.64	0.184	7	11.5	PASS
Band26	15MHz	16QAM	26865	6	0	Low	22.57	22.56	0.180	7	11.5	PASS
Band26	15MHz	16QAM	26915	6	0	Low	22.50	22.49	0.177	7	11.5	PASS
Band26	15MHz	16QAM	26965	6	0	High	22.38	22.37	0.173	7	11.5	PASS

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

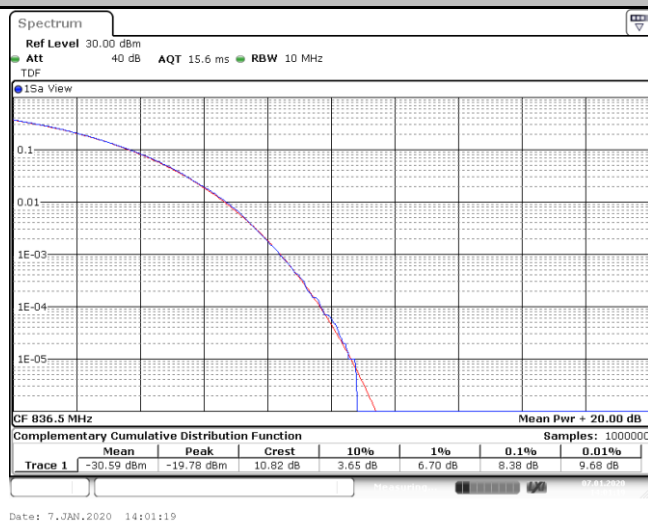
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26915	6	0	Low	8.46	<=13	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	8.84	<=13	PASS
Band26	3MHz	QPSK	26915	6	0	Low	8.38	<=13	PASS
Band26	3MHz	16QAM	26915	6	0	Low	8.84	<=13	PASS
Band26	5MHz	QPSK	26915	6	0	Low	4.78	<=13	PASS
Band26	5MHz	16QAM	26915	6	0	Low	9.68	<=13	PASS
Band26	10MHz	QPSK	26915	6	0	Low	8.38	<=13	PASS
Band26	10MHz	16QAM	26915	6	0	Low	8.99	<=13	PASS
Band26	15MHz	QPSK	26915	6	0	Low	10.55	<=13	PASS
Band26	15MHz	16QAM	26915	6	0	Low	11.19	<=13	PASS

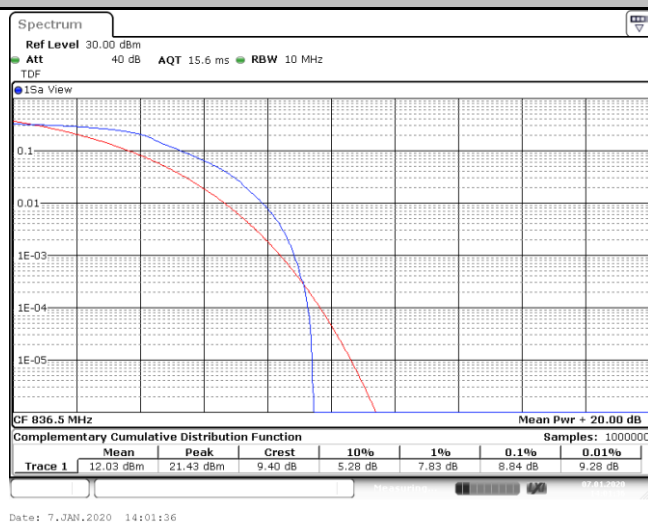
Test Graphs



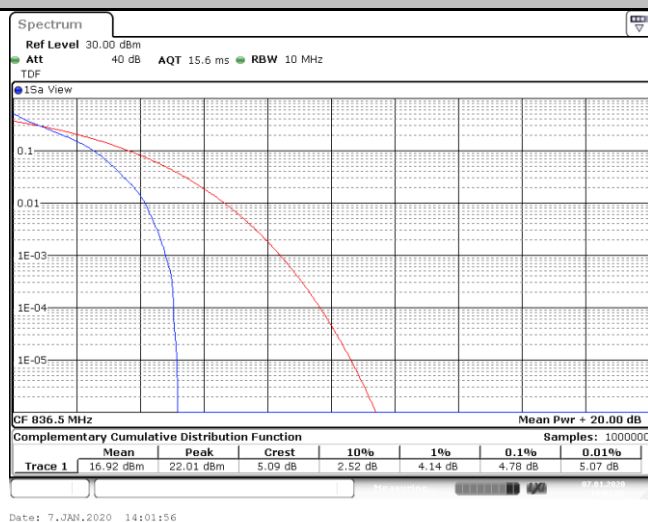
Band26_3MHz_QPSK_26915_6_0_Low_8.38_<=13_PASS_



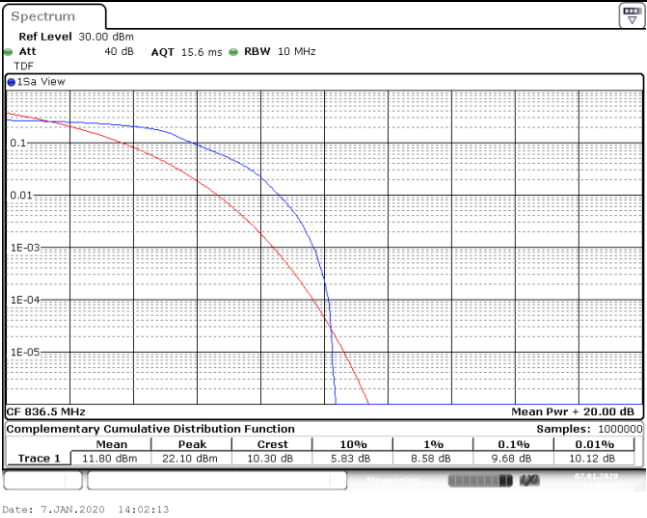
Band26_3MHz_16QAM_26915_6_0_Low_8.84_<=13_PASS_



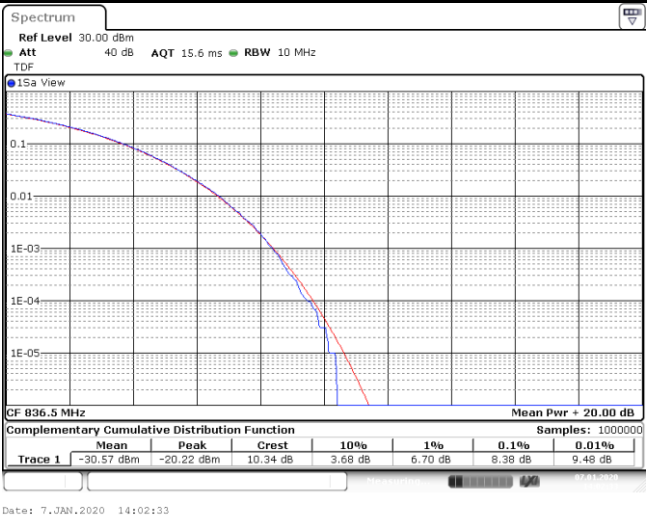
Band26_5MHz_QPSK_26915_6_0_Low_4.78_<=13_PASS_



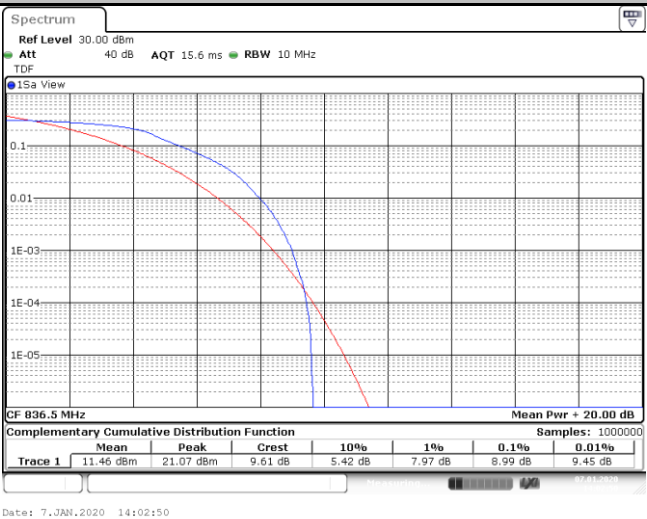
Band26_5MHz_16QAM_26915_6_0_Low_9.68_<=13_PASS__



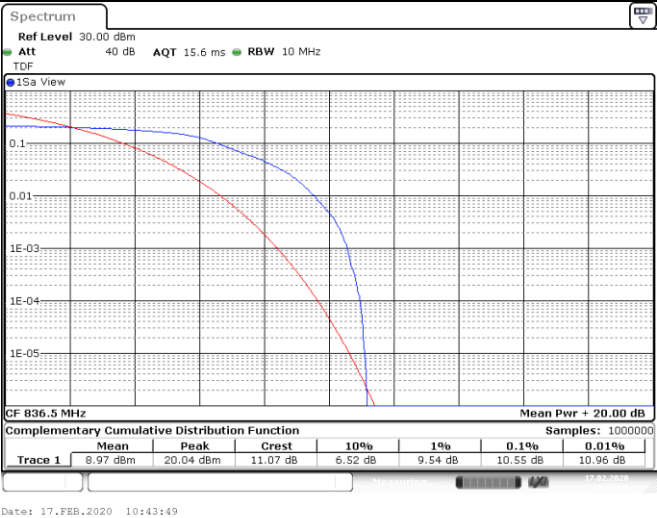
Band26_10MHz_QPSK_26915_6_0_Low_8.38_<=13_PASS__



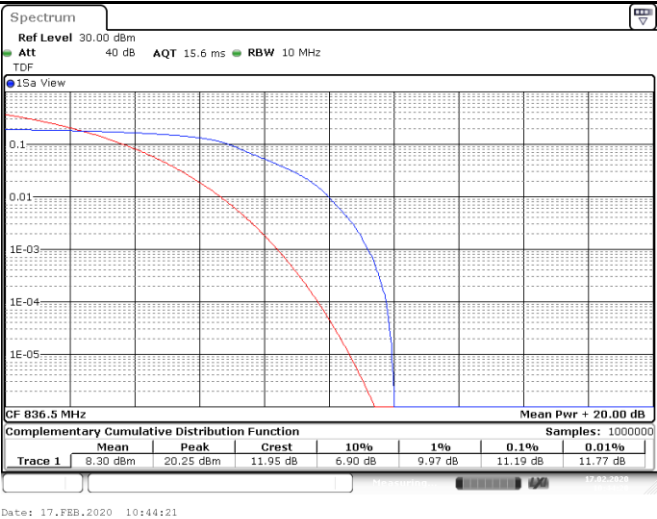
Band26_10MHz_16QAM_26915_6_0_Low_8.99_<=13_PASS__



Band26_15MHz_QPSK_26915_6_0_Low_10.55_<=13_PASS__



Band26_15MHz_16QAM_26915_6_0_Low_11.19_<=13_PASS__



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

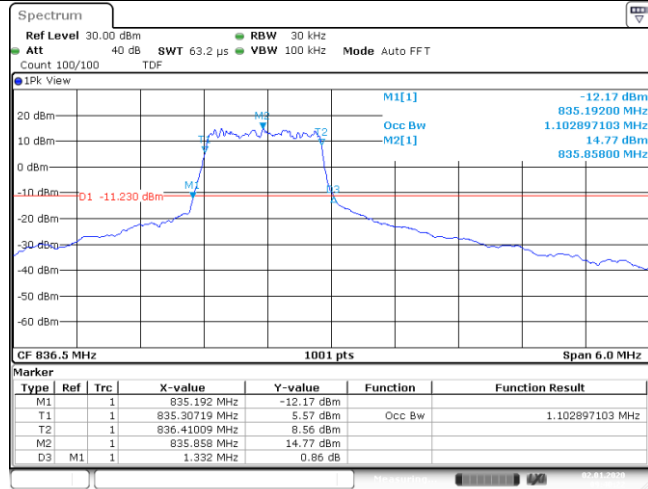
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26915	6	0	Low	1.094	1.281	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	1.097	1.296	PASS
Band26	3MHz	QPSK	26915	6	0	Low	1.103	1.332	PASS
Band26	3MHz	16QAM	26915	6	0	Low	1.103	1.332	PASS
Band26	5MHz	QPSK	26915	6	0	Low	1.099	1.330	PASS
Band26	5MHz	16QAM	26915	6	0	Low	1.099	1.330	PASS
Band26	10MHz	QPSK	26915	6	0	Low	1.099	1.320	PASS
Band26	10MHz	16QAM	26915	6	0	Low	1.099	1.320	PASS
Band26	15MHz	QPSK	26915	6	0	Low	1.109	1.410	PASS
Band26	15MHz	16QAM	26915	6	0	Low	1.109	1.380	PASS

Test Graphs

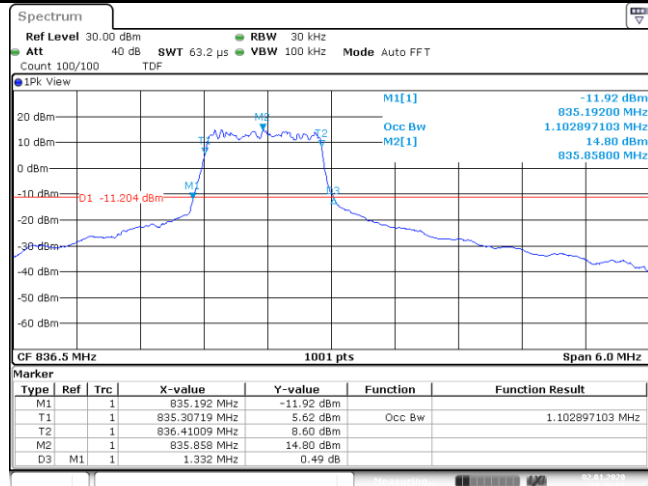


Band26_3MHz_QPSK_26915_6_0_Low_1.103_1.332_PASS



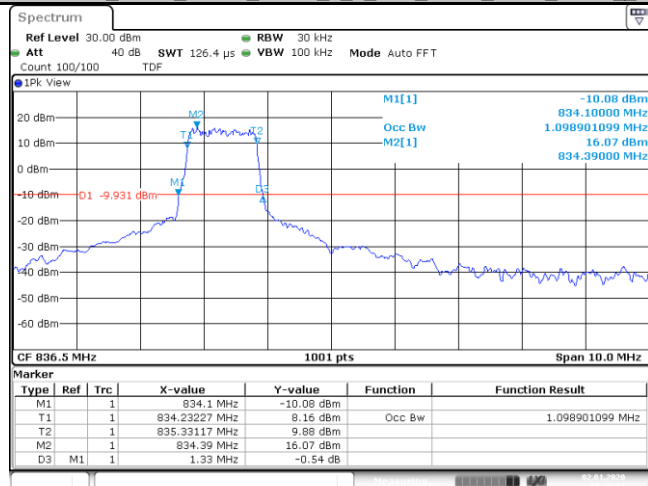
Date: 2.JAN.2020 09:40:22

Band26_3MHz_16QAM_26915_6_0_Low_1.103_1.332_PASS



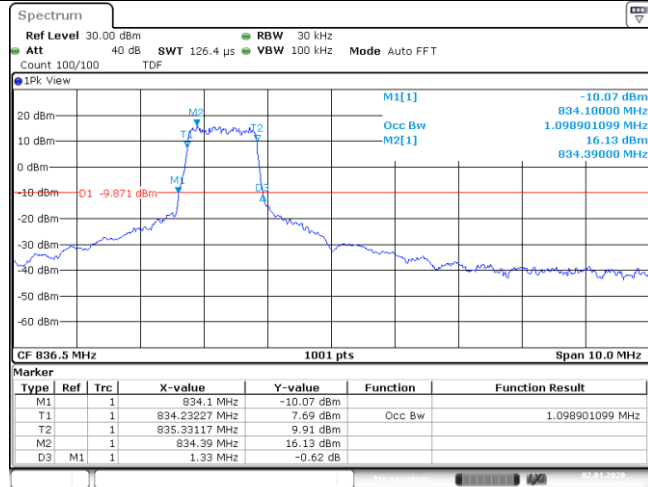
Date: 2.JAN.2020 09:40:51

Band26_5MHz_QPSK_26915_6_0_Low_1.099_1.330_PASS



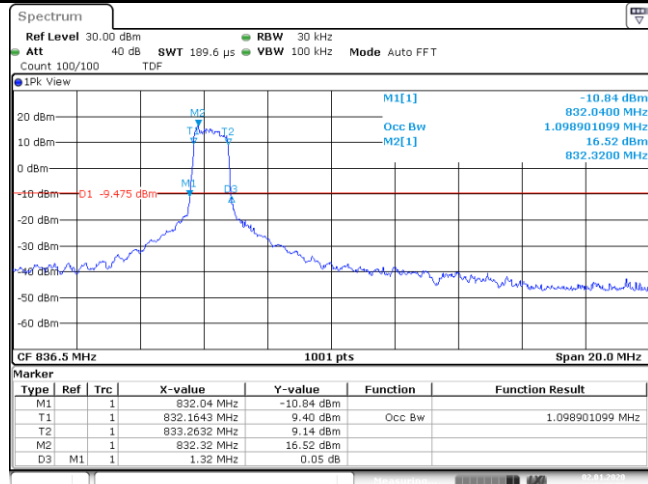
Date: 2.JAN.2020 09:41:12

Band26_5MHz_16QAM_26915_6_0_Low_1.099_1.330_PASS



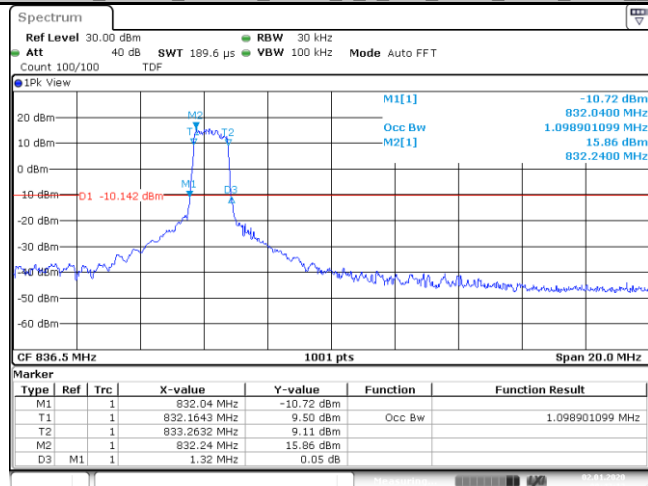
Date: 2.JAN.2020 09:41:30

Band26_10MHz_QPSK_26915_6_0_Low_1.099_1.320_PASS



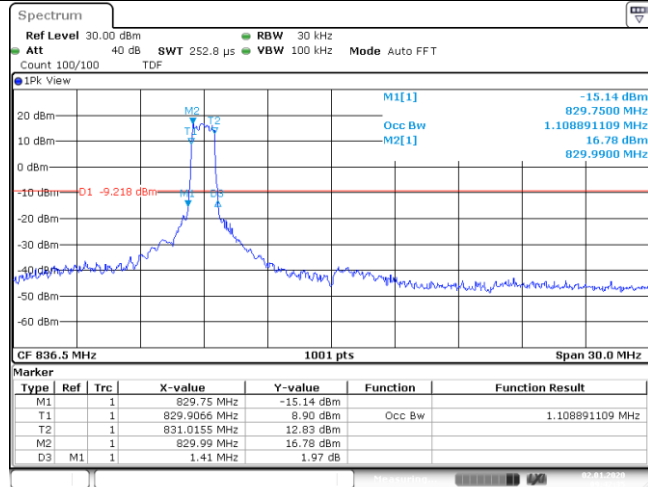
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Band26_10MHz_16QAM_26915_6_0_Low_1.099_1.320_PASS



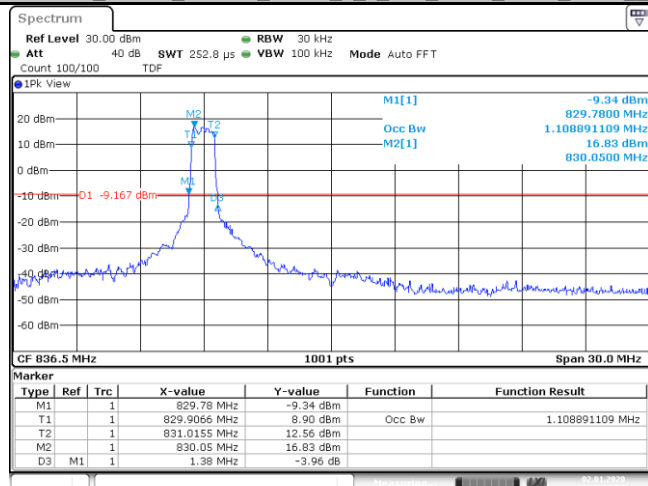
Date: 2.JAN.2020 09:42:13

Band26_15MHz_QPSK_26915_6_0_Low_1.109_1.410_PASS



Date: 2.JAN.2020 09:42:36

Band26_15MHz_16QAM_26915_6_0_Low_1.109_1.380_PASS



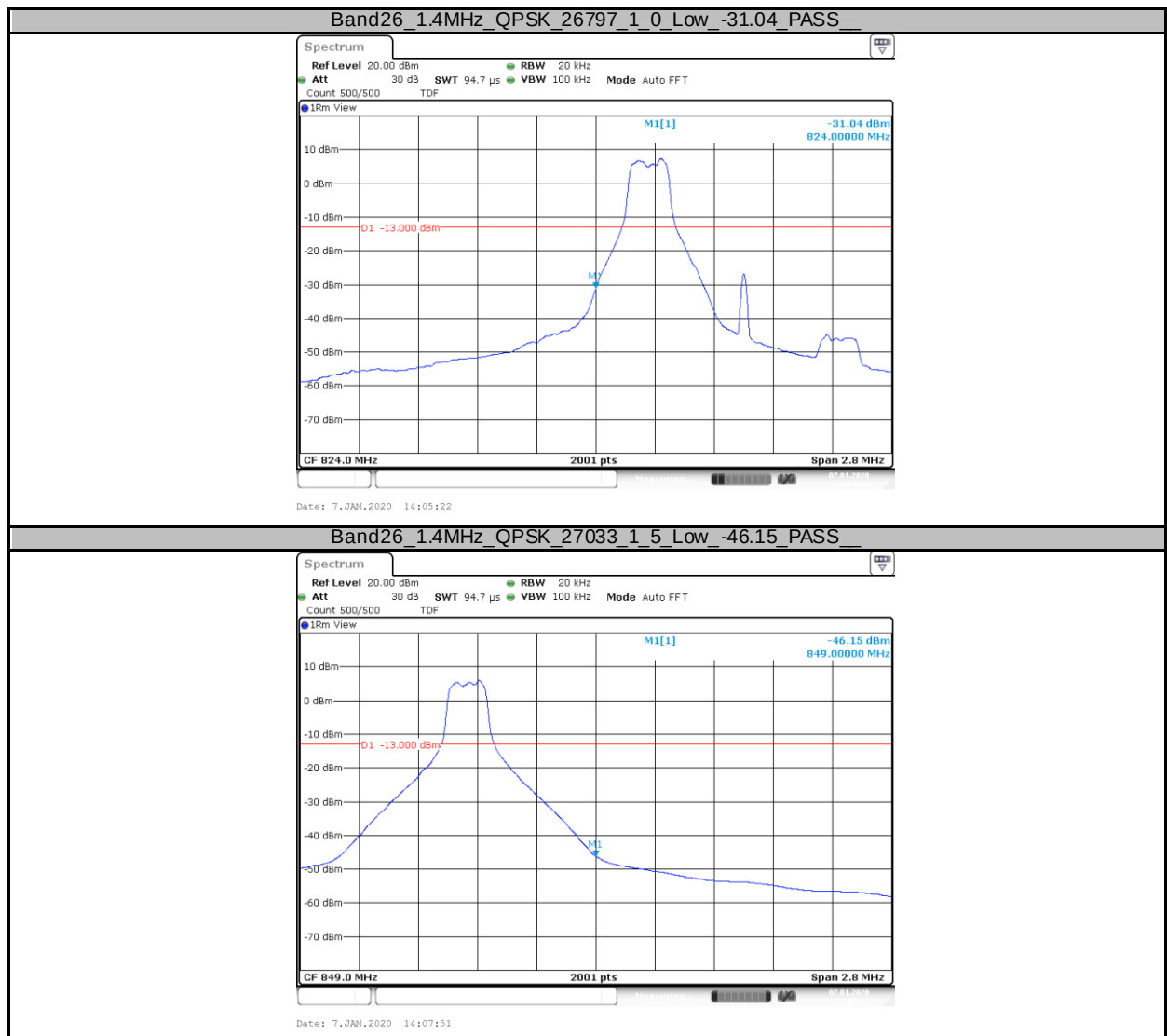
Date: 2.JAN.2020 09:42:55

Appendix H.4: Band Edge for M1

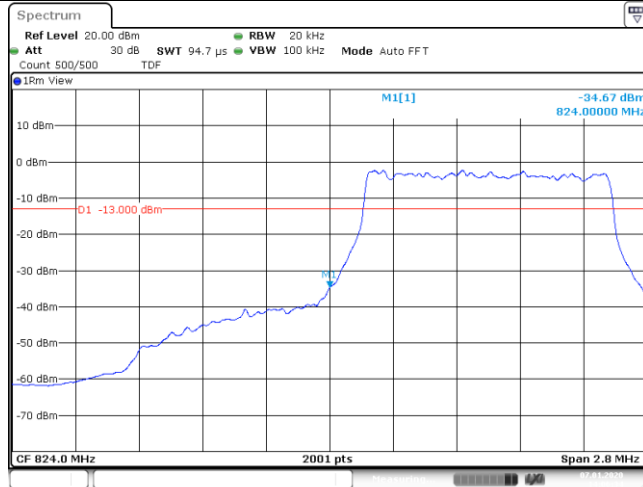
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1	0	Low	-31.04	PASS
Band26	1.4MHz	QPSK	27033	1	5	Low	-46.15	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	-34.67	PASS
Band26	1.4MHz	QPSK	27033	6	0	Low	-37.70	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	-32.95	PASS
Band26	1.4MHz	16QAM	27033	1	5	Low	-45.69	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	-34.79	PASS
Band26	1.4MHz	16QAM	27033	6	0	Low	-38.00	PASS

Test Graphs

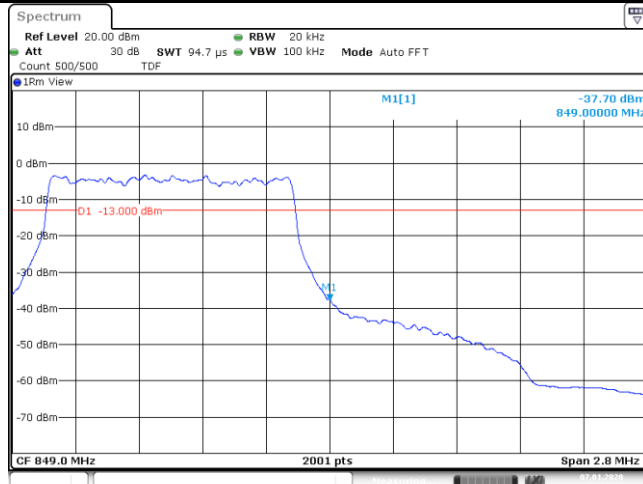


Band26_1.4MHz_QPSK_26797_6_0_Low_-34.67_PASS



Date: 7.JAN.2020 14:06:34

Band26_1.4MHz_QPSK_27033_6_0_Low_-37.70_PASS

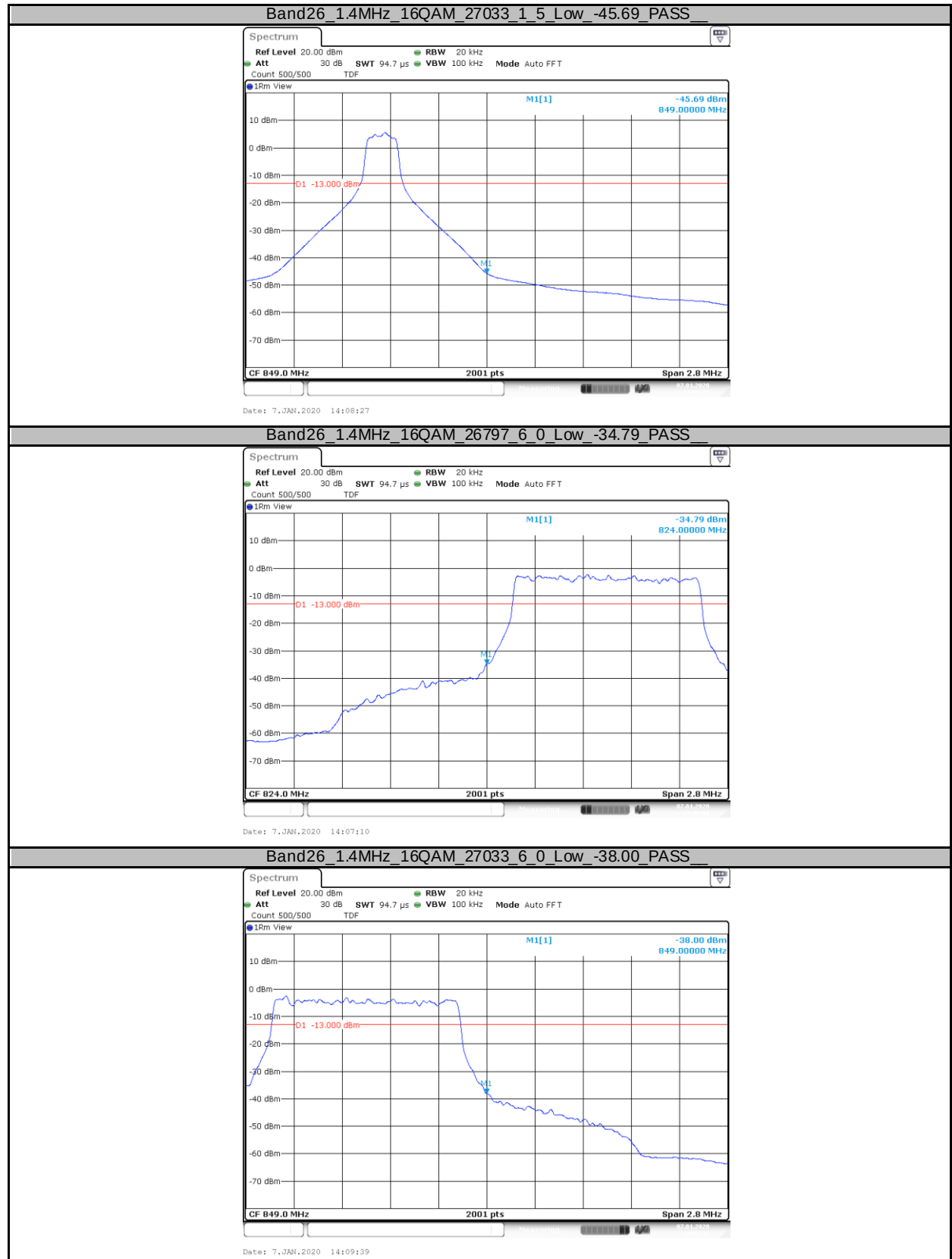


Date: 7.JAN.2020 14:09:03

Band26_1.4MHz_16QAM_26797_1_0_Low_-32.95_PASS



Date: 7.JAN.2020 14:05:58



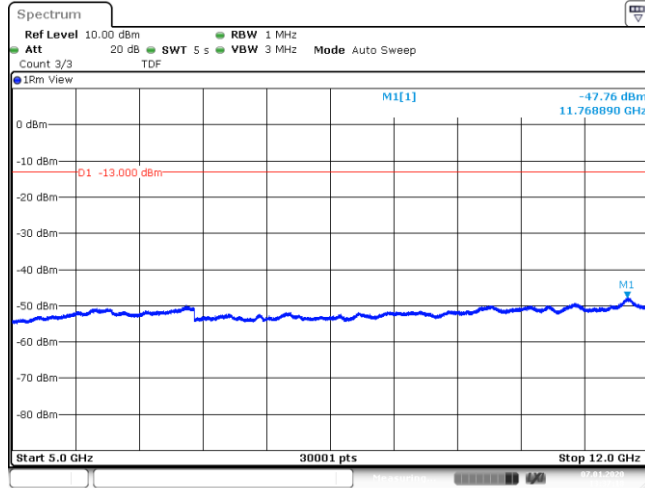
Appendix H.5: Conducted Spurious Emission for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1	0	Low	5000	12000	-47.76	PASS
Band26	1.4MHz	QPSK	26797	1	0	Low	1000	5000	-38.17	PASS
Band26	1.4MHz	QPSK	26797	1	0	Low	30	1000	-35.81	PASS
Band26	1.4MHz	QPSK	26797	1	0	Low	12000	26500	-41.71	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	12000	26500	-41.66	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	5000	12000	-47.72	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	30	1000	-35.86	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	1000	5000	-38.11	PASS
Band26	1.4MHz	QPSK	27033	1	5	Low	12000	26500	-41.64	PASS
Band26	1.4MHz	QPSK	27033	1	5	Low	5000	12000	-47.7	PASS
Band26	1.4MHz	QPSK	27033	1	5	Low	1000	5000	-38.08	PASS
Band26	1.4MHz	QPSK	27033	1	5	Low	30	1000	-35.9	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	1000	5000	-38.16	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	30	1000	-36.09	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	5000	12000	-47.5	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	12000	26500	-41.5	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	30	1000	-35.93	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	12000	26500	-41.58	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	5000	12000	-47.84	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	1000	5000	-38.12	PASS
Band26	1.4MHz	QPSK	27033	6	0	Low	12000	26500	-41.69	PASS
Band26	1.4MHz	QPSK	27033	6	0	Low	1000	5000	-37.8	PASS
Band26	1.4MHz	QPSK	27033	6	0	Low	30	1000	-35.75	PASS
Band26	1.4MHz	QPSK	27033	6	0	Low	5000	12000	-47.84	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	30	1000	-36.23	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	12000	26500	-41.63	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	5000	12000	-47.72	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	1000	5000	-38.02	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	30	1000	-35.36	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	12000	26500	-41.3	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	5000	12000	-47.79	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	1000	5000	-38.04	PASS
Band26	1.4MHz	16QAM	27033	1	5	Low	30	1000	-35.85	PASS
Band26	1.4MHz	16QAM	27033	1	5	Low	1000	5000	-38.08	PASS
Band26	1.4MHz	16QAM	27033	1	5	Low	5000	12000	-47.87	PASS
Band26	1.4MHz	16QAM	27033	1	5	Low	12000	26500	-41.69	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	12000	26500	-41.54	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	30	1000	-35.87	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	1000	5000	-38.12	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	5000	12000	-47.81	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	12000	26500	-41.6	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	5000	12000	-47.72	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	30	1000	-36.02	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	1000	5000	-38.04	PASS
Band26	1.4MHz	16QAM	27033	6	0	Low	12000	26500	-41.72	PASS
Band26	1.4MHz	16QAM	27033	6	0	Low	30	1000	-35.66	PASS
Band26	1.4MHz	16QAM	27033	6	0	Low	1000	5000	-37.95	PASS
Band26	1.4MHz	16QAM	27033	6	0	Low	5000	12000	-47.77	PASS

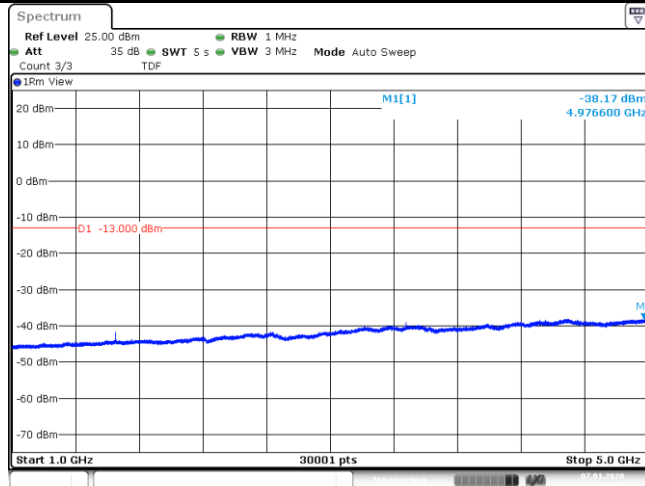
Test Graphs

Band26_1.4MHz_QPSK_26797_1_0_Low_5000_12000_-47.76_PASS__



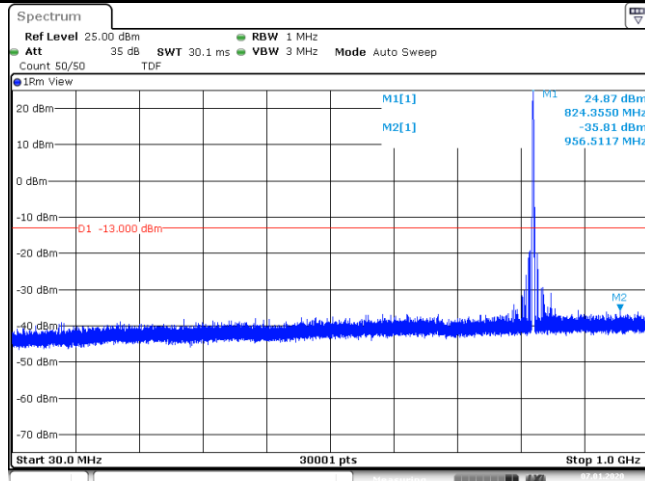
Date: 7, JAN, 2020 13:37:19

Band26_1.4MHz_QPSK_26797_1_0_Low_1000_5000_-38.17_PASS__



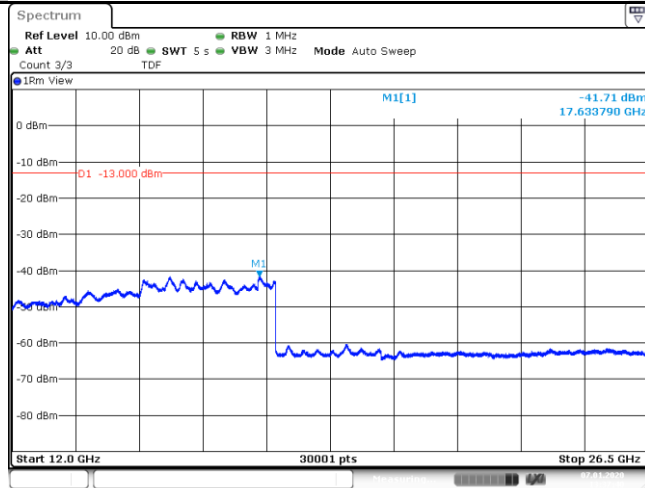
Date: 7, JAN, 2020 13:36:57

Band26_1.4MHz_QPSK_26797_1_0_Low_30_1000_-35.81_PASS__

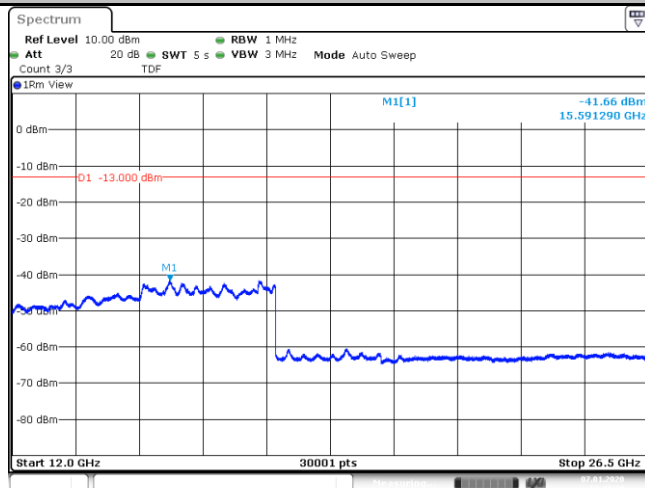


Date: 7, JAN, 2020 13:36:35

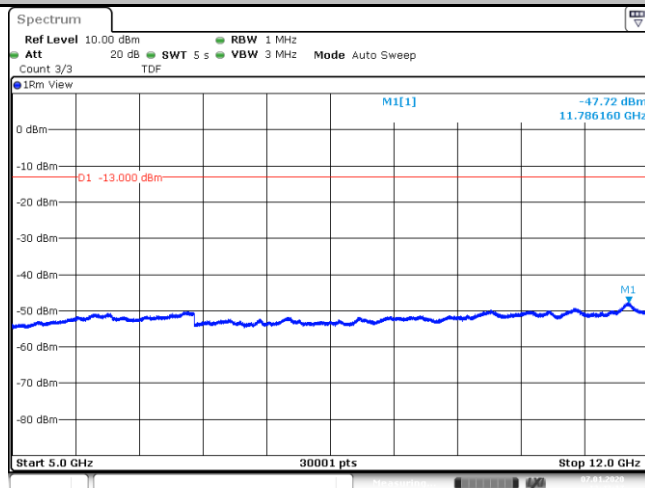
Band26_1.4MHz_QPSK_26797_1_0_Low_12000_26500_-41.71_PASS__



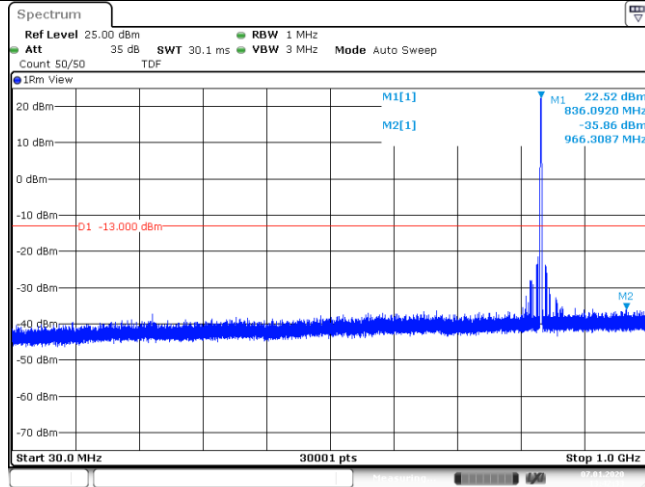
Band26_1.4MHz_QPSK_26915_1_0_Low_12000_26500_-41.66_PASS__



Band26_1.4MHz_QPSK_26915_1_0_Low_5000_12000_-47.72_PASS__

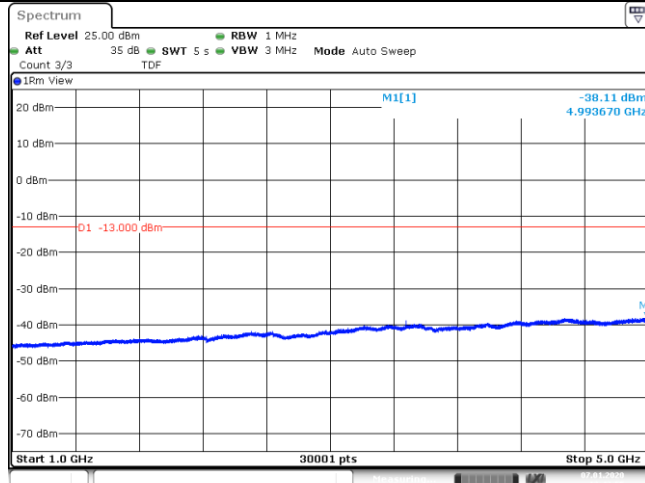


Band26_1.4MHz_QPSK_26915_1_0_Low_30_1000_-35.86_PASS__



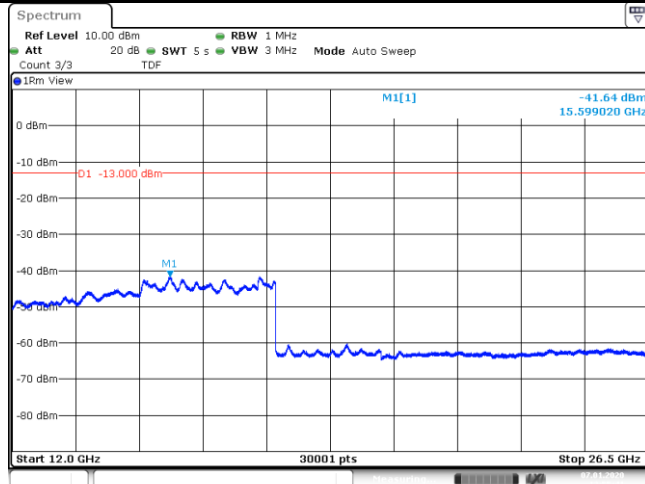
Date: 7.JAN.2020 13:42:33

Band26_1.4MHz_QPSK_26915_1_0_Low_1000_5000_-38.11_PASS__



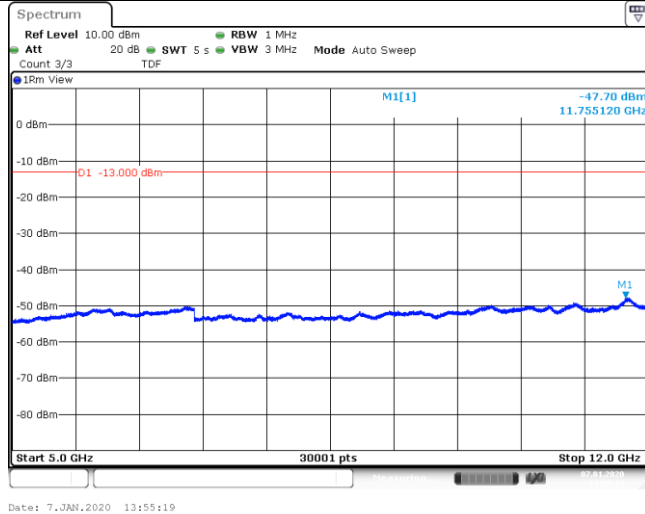
Date: 7.JAN.2020 13:42:55

Band26_1.4MHz_QPSK_27033_1_5_Low_12000_26500_-41.64_PASS__

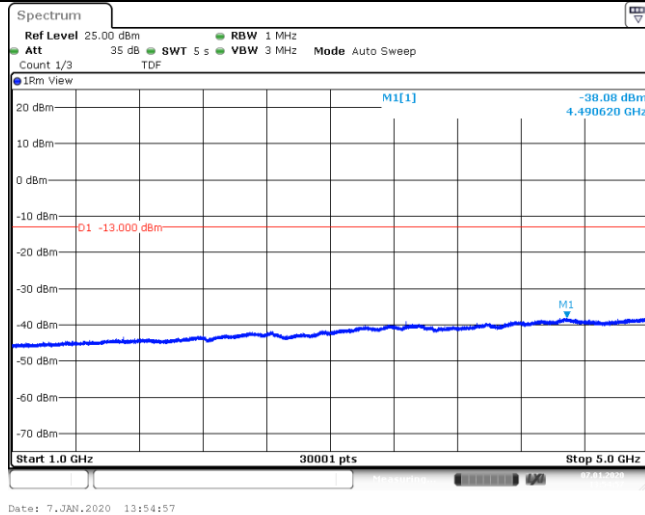


Date: 7.JAN.2020 13:55:41

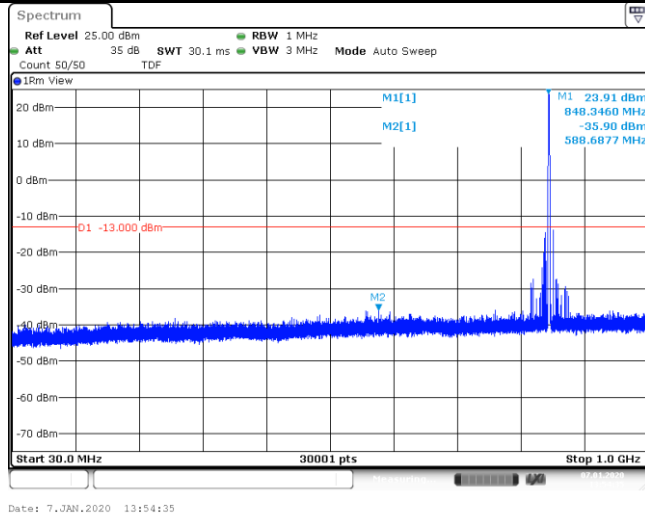
Band26_1.4MHz_QPSK_27033_1_5_Low_5000_12000_-47.7_PASS_



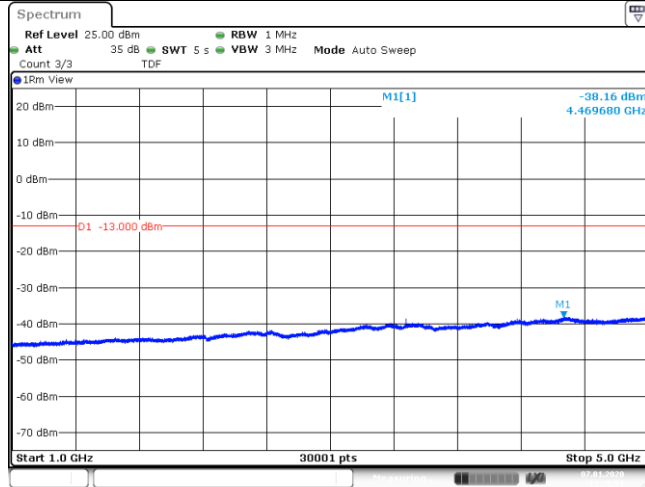
Band26_1.4MHz_QPSK_27033_1_5_Low_1000_5000_-38.08_PASS_



Band26_1.4MHz_QPSK_27033_1_5_Low_30_1000_-35.9_PASS_

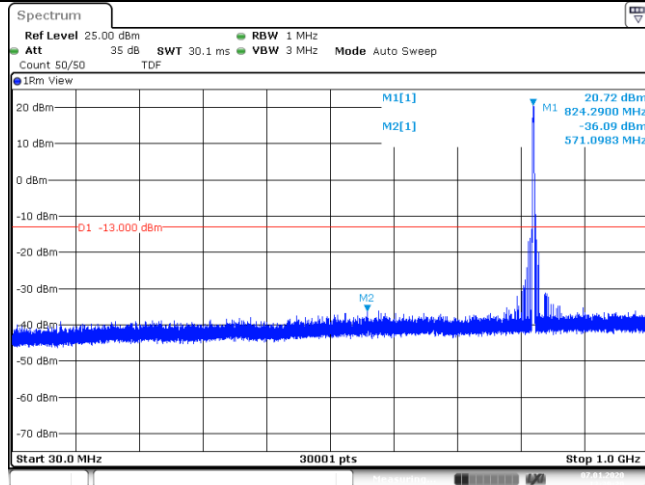


Band26_1.4MHz_QPSK_26797_6_0_Low_1000_5000_-38.16_PASS__



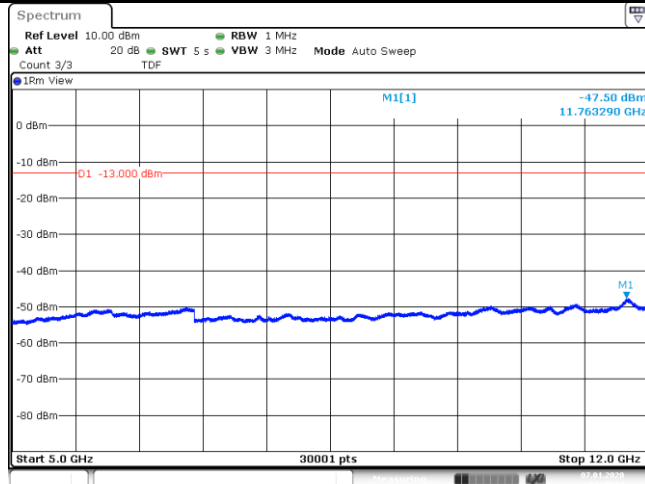
Date: 7.JAN.2020 13:39:51

Band26_1.4MHz_QPSK_26797_6_0_Low_30_1000_-36.09_PASS__



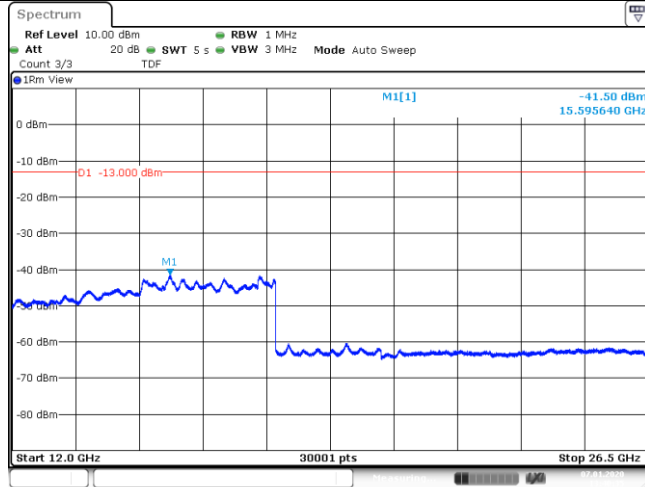
Date: 7.JAN.2020 13:39:29

Band26_1.4MHz_QPSK_26797_6_0_Low_5000_12000_-47.5_PASS__



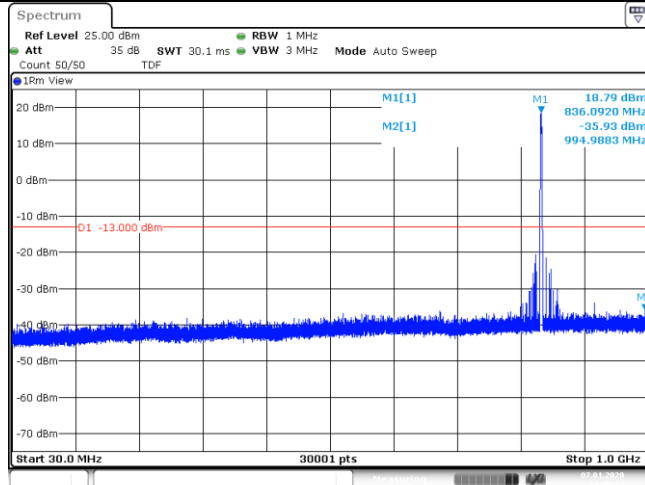
Date: 7.JAN.2020 13:40:13

Band26_1.4MHz_QPSK_26797_6_0_Low_12000_26500_-41.5_PASS__



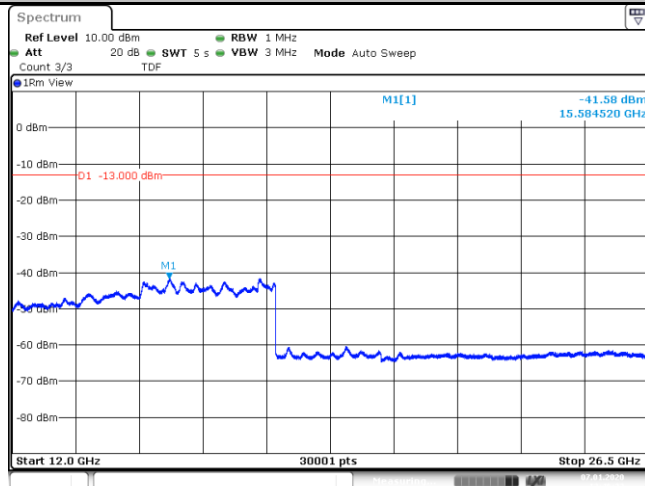
Date: 7.JAN.2020 13:40:35

Band26_1.4MHz_QPSK_26915_6_0_Low_30_1000_-35.93_PASS__



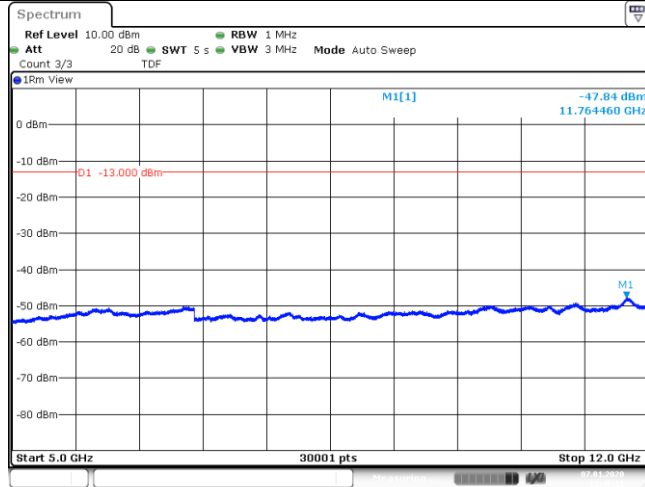
Date: 7.JAN.2020 13:45:27

Band26_1.4MHz_QPSK_26915_6_0_Low_12000_26500_-41.58_PASS__



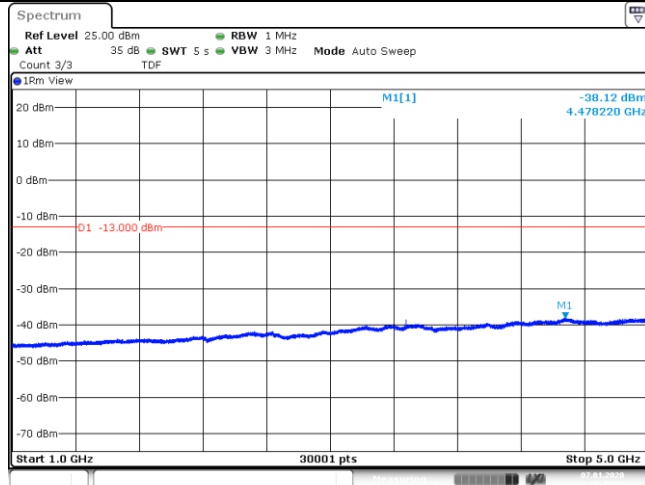
Date: 7.JAN.2020 13:46:33

Band26_1.4MHz_QPSK_26915_6_0_Low_5000_12000_-47.84_PASS__



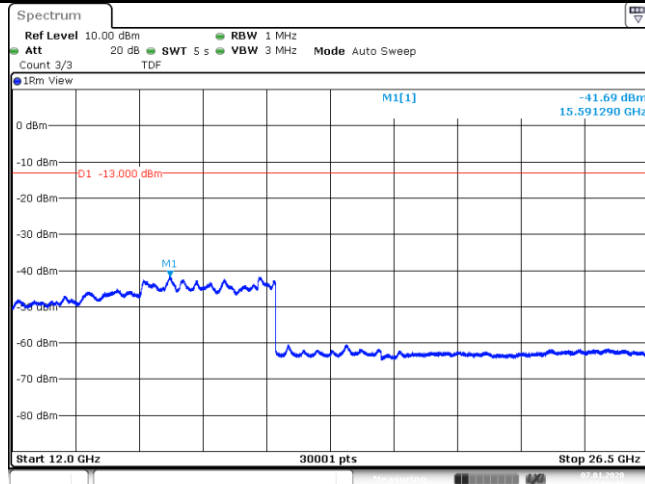
Date: 7.JAN.2020 13:46:11

Band26_1.4MHz_QPSK_26915_6_0_Low_1000_5000_-38.12_PASS__



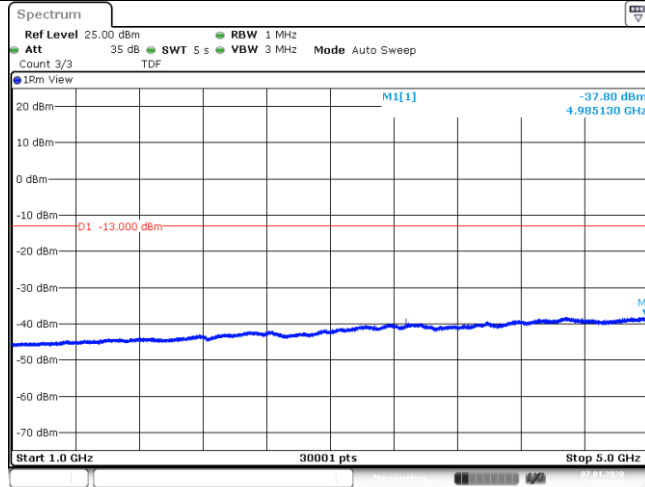
Date: 7.JAN.2020 13:45:49

Band26_1.4MHz_QPSK_27033_6_0_Low_12000_26500_-41.69_PASS__



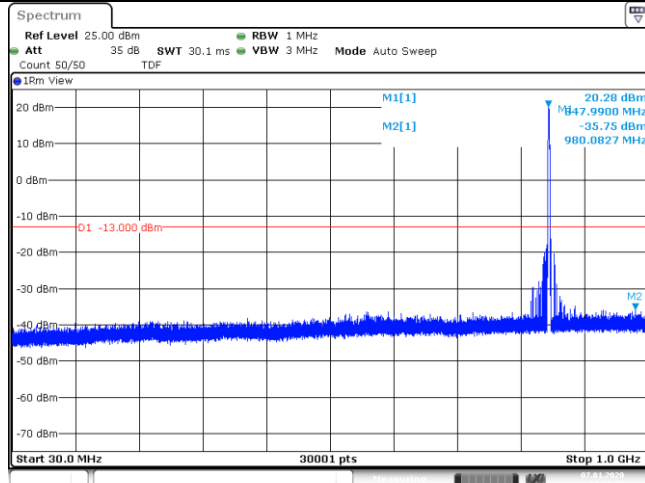
Date: 7.JAN.2020 13:58:35

Band26_1.4MHz_QPSK_27033_6_0_Low_1000_5000_-37.8_PASS__



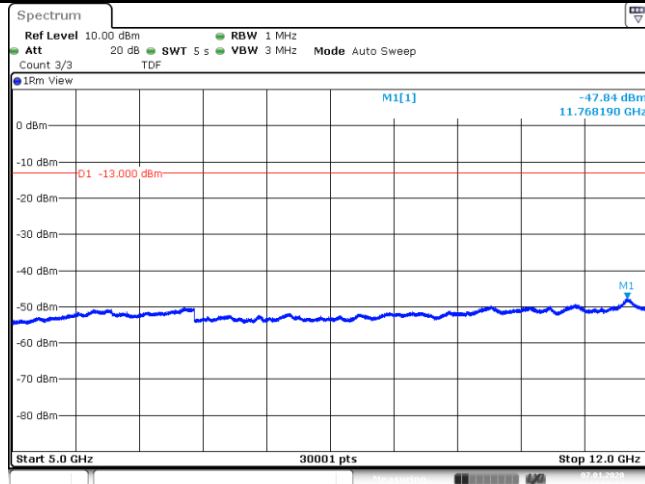
Date: 7.JAN.2020 13:57:51

Band26_1.4MHz_QPSK_27033_6_0_Low_30_1000_-35.75_PASS__



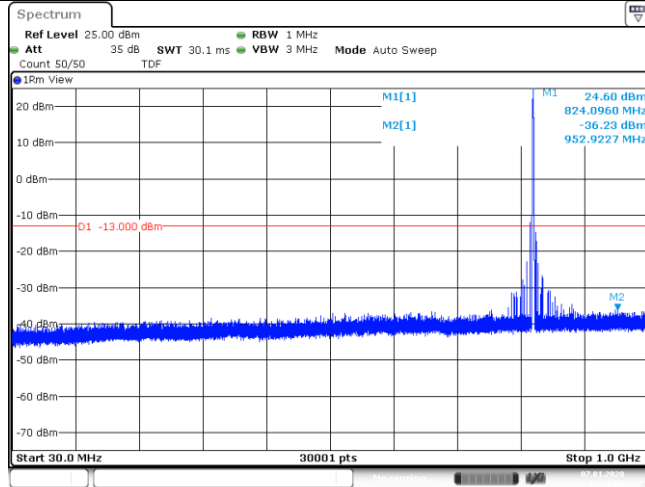
Date: 7.JAN.2020 13:57:29

Band26_1.4MHz_QPSK_27033_6_0_Low_5000_12000_-47.84_PASS__



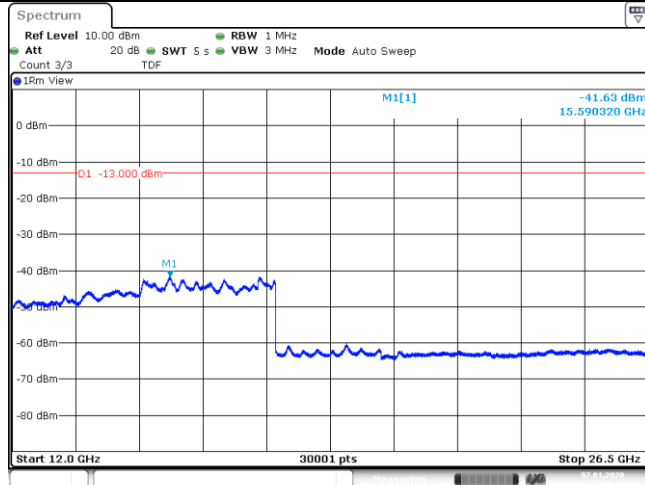
Date: 7.JAN.2020 13:58:13

Band26_1.4MHz_16QAM_26797_1_0_Low_30_1000_-36.23_PASS__



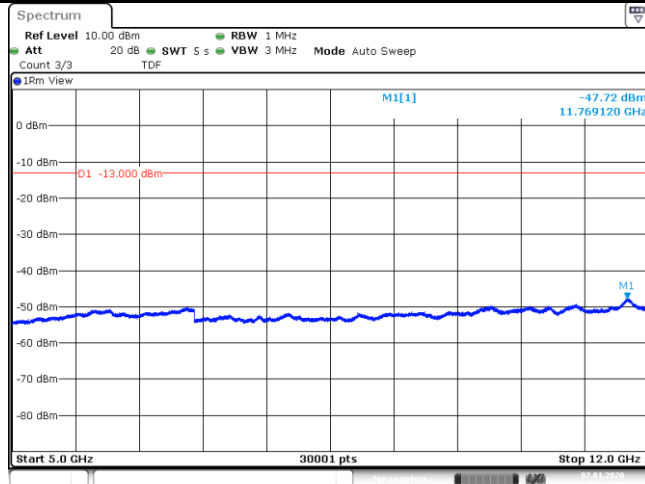
Date: 7.JAN.2020 13:38:02

Band26_1.4MHz_16QAM_26797_1_0_Low_12000_26500_-41.63_PASS__



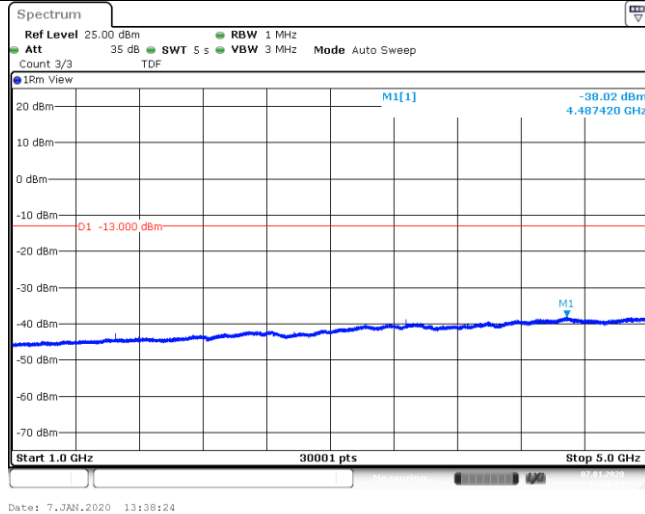
Date: 7.JAN.2020 13:39:08

Band26_1.4MHz_16QAM_26797_1_0_Low_5000_12000_-47.72_PASS__

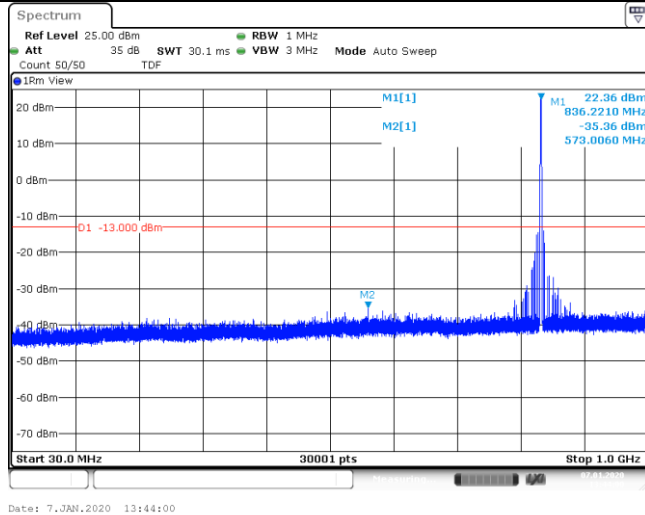


Date: 7.JAN.2020 13:38:46

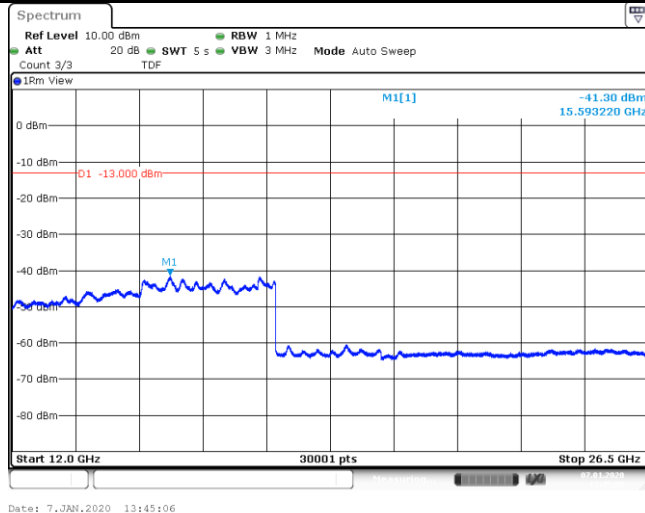
Band26_1.4MHz_16QAM_26797_1_0_Low_1000_5000_-38.02_PASS__



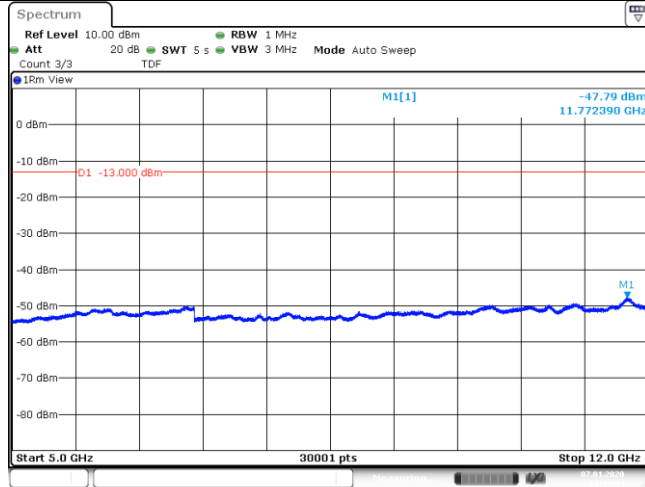
Band26_1.4MHz_16QAM_26915_1_0_Low_30_1000_-35.36_PASS__



Band26_1.4MHz_16QAM_26915_1_0_Low_12000_26500_-41.3_PASS__

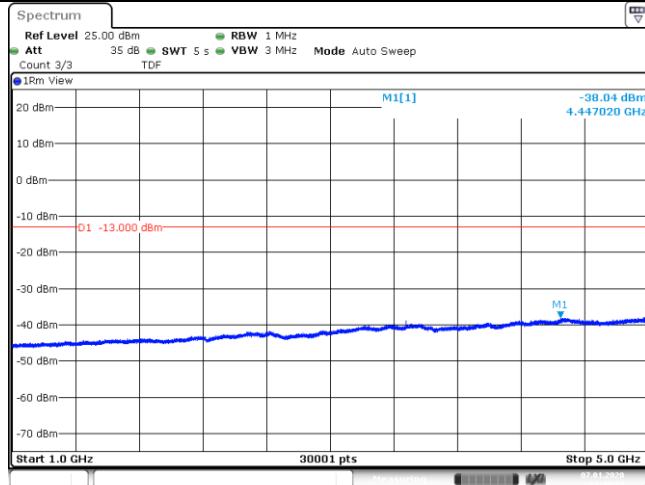


Band26_1.4MHz_16QAM_26915_1_0_Low_5000_12000_-47.79_PASS__



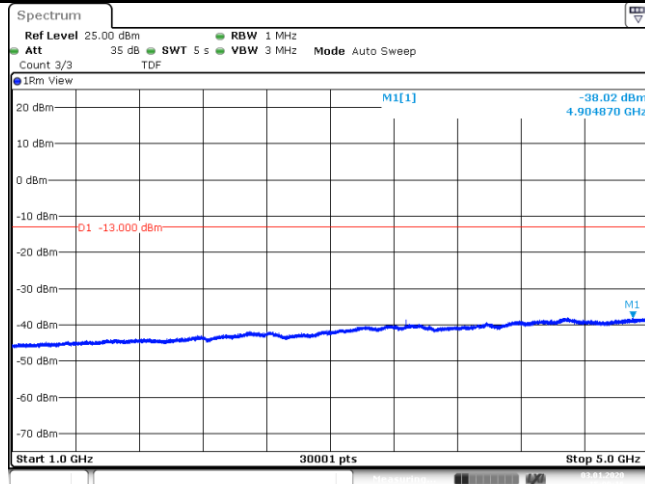
Date: 7.JAN.2020 13:44:44

Band26_1.4MHz_16QAM_26915_1_0_Low_1000_5000_-38.04_PASS__



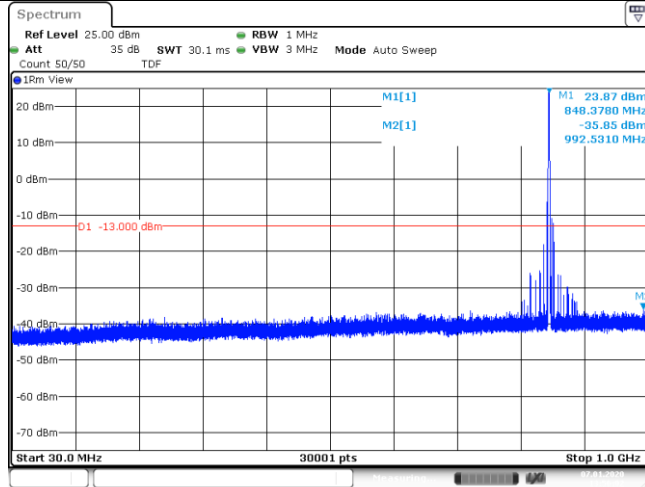
Date: 7.JAN.2020 13:44:22

Band26_1.4MHz_16QAM_26783_1_5_Low_1000_5000_-38.02_PASS__



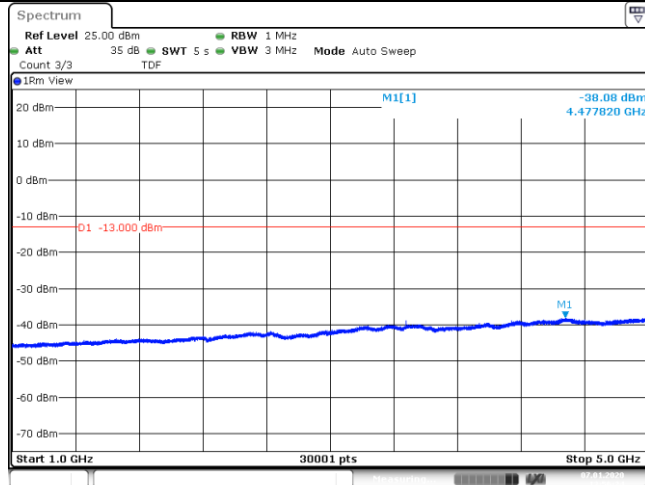
Date: 3.JAN.2020 15:00:17

Band26_1.4MHz_16QAM_27033_1_5_Low_30_1000_-35.85_PASS__



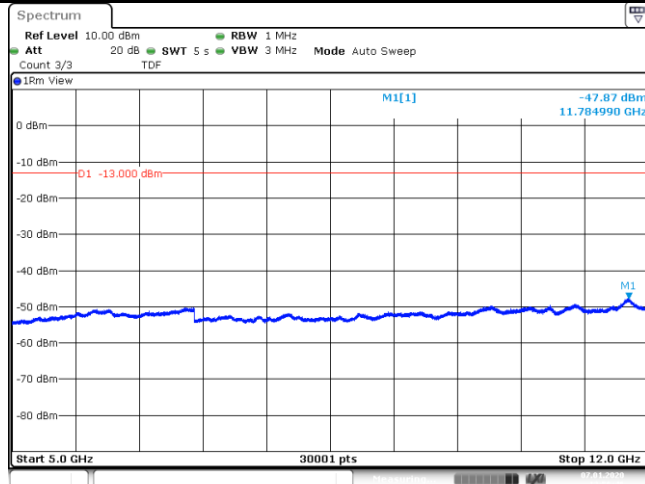
Date: 7.JAN.2020 13:56:02

Band26_1.4MHz_16QAM_27033_1_5_Low_1000_5000_-38.08_PASS__



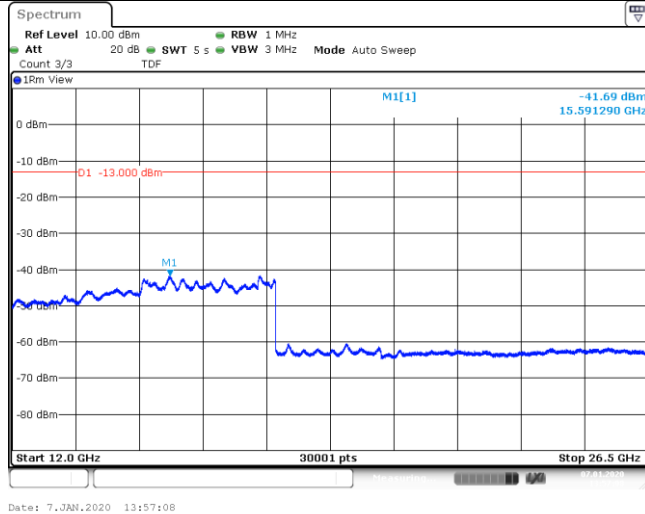
Date: 7.JAN.2020 13:56:24

Band26_1.4MHz_16QAM_27033_1_5_Low_5000_12000_-47.87_PASS__

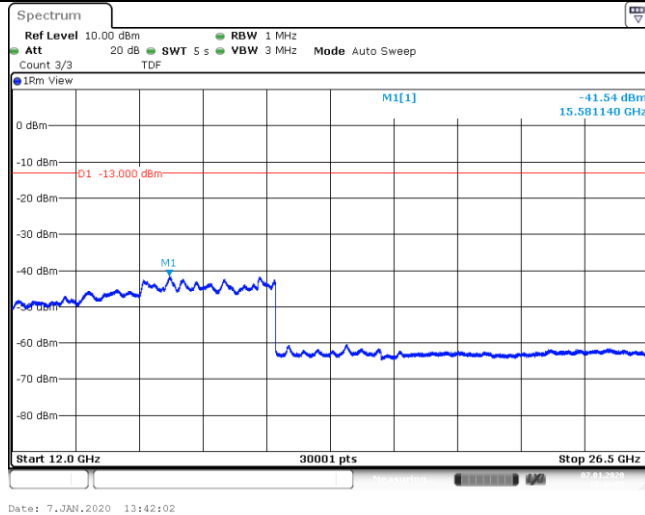


Date: 7.JAN.2020 13:56:46

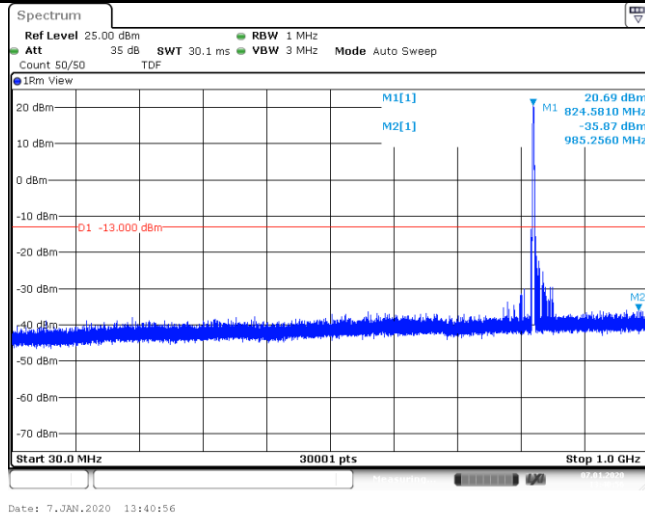
Band26_1.4MHz_16QAM_27033_1_5_Low_12000_26500_-41.69_PASS__



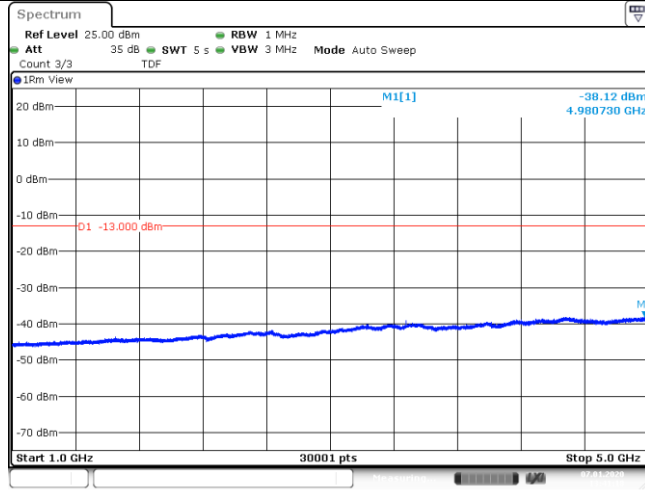
Band26_1.4MHz_16QAM_26797_6_0_Low_12000_26500_-41.54_PASS__



Band26_1.4MHz_16QAM_26797_6_0_Low_30_1000_-35.87_PASS__

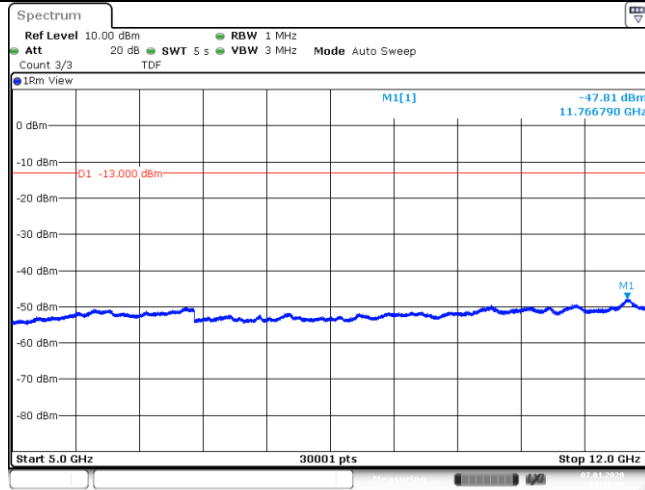


Band26_1.4MHz_16QAM_26797_6_0_Low_1000_5000_-38.12_PASS__



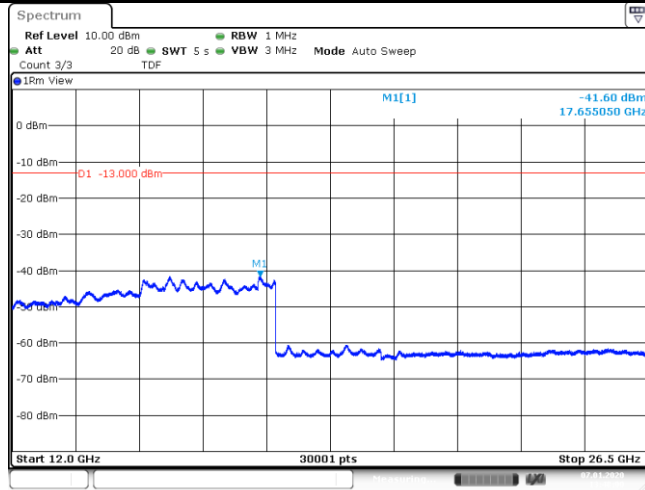
Date: 7.JAN.2020 13:41:18

Band26_1.4MHz_16QAM_26797_6_0_Low_5000_12000_-47.81_PASS__



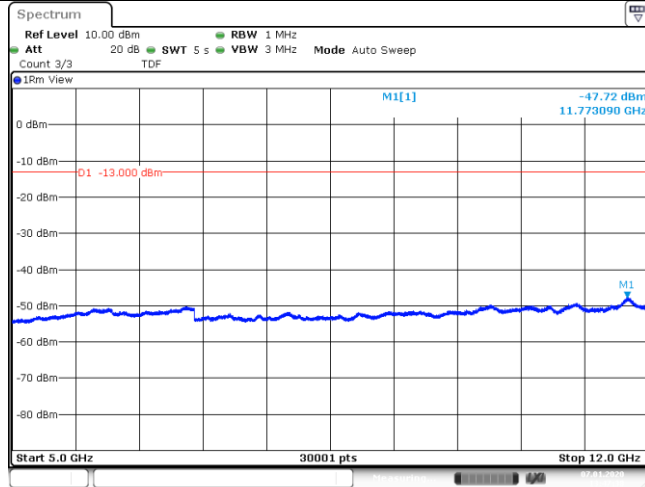
Date: 7.JAN.2020 13:41:40

Band26_1.4MHz_16QAM_26915_6_0_Low_12000_26500_-41.6_PASS__



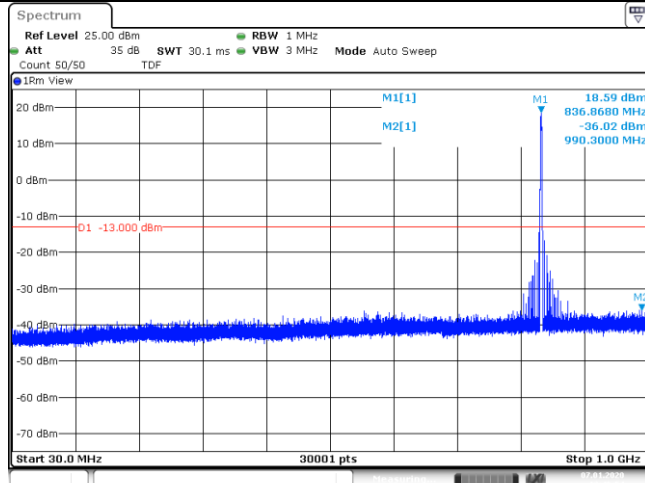
Date: 7.JAN.2020 13:48:00

Band26_1.4MHz_16QAM_26915_6_0_Low_5000_12000_-47.72_PASS__



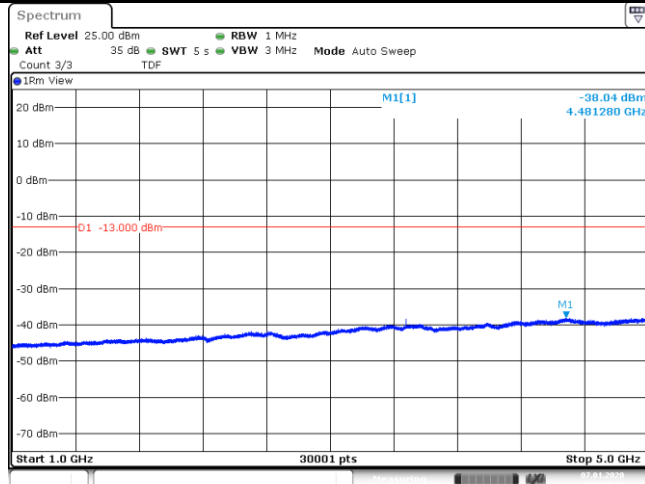
Date: 7.JAN.2020 13:47:38

Band26_1.4MHz_16QAM_26915_6_0_Low_30_1000_-36.02_PASS__



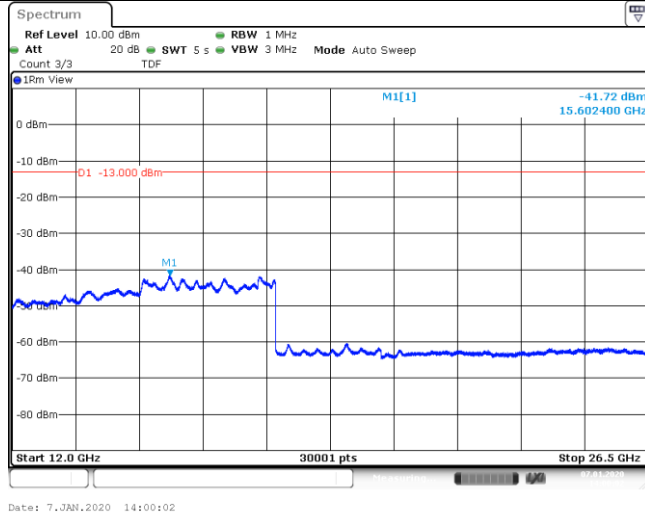
Date: 7.JAN.2020 13:46:54

Band26_1.4MHz_16QAM_26915_6_0_Low_1000_5000_-38.04_PASS__

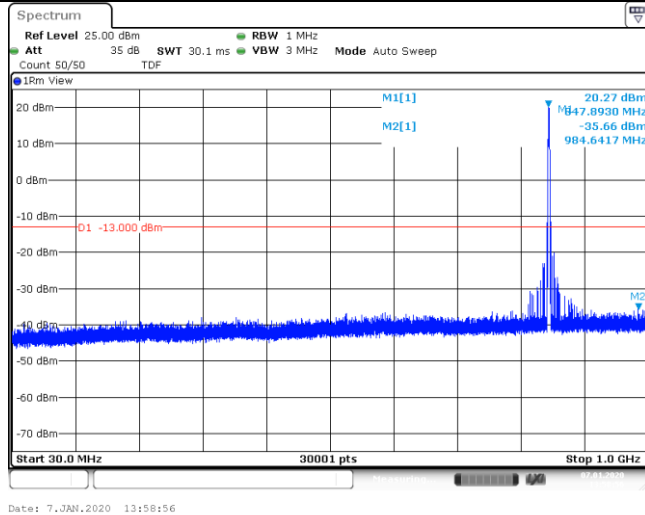


Date: 7.JAN.2020 13:47:16

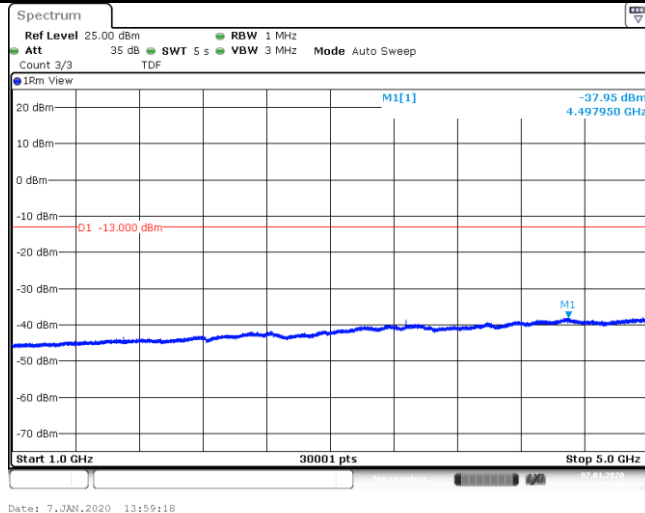
Band26_1.4MHz_16QAM_27033_6_0_Low_12000_26500_-41.72_PASS__

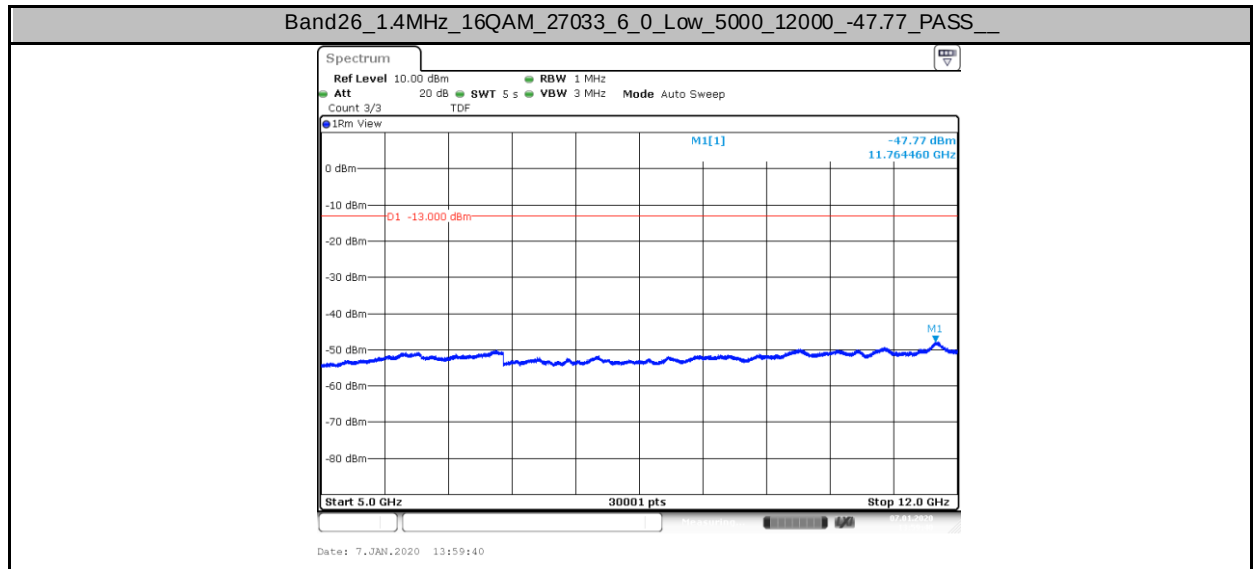


Band26_1.4MHz_16QAM_27033_6_0_Low_30_1000_-35.66_PASS__



Band26_1.4MHz_16QAM_27033_6_0_Low_1000_5000_-37.95_PASS__





Appendix H.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
Band26	1.4MHz	QPSK	26915	1	0	Low	HV	NT	-14.38	-0.017191	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	LV	NT	-15.71	-0.018781	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	NT	-16.09	-0.019235	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	HV	NT	-14.29	-0.017083	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	LV	NT	-14.38	-0.017191	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	NT	-14.02	-0.016760	±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
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	70	-13.05	-0.015601	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	20	-14.93	-0.017848	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	-30	-14.26	-0.017047	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	-20	-13.72	-0.016402	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	-10	-13.96	-0.016689	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	0	-16.22	-0.019390	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	10	-13.90	-0.016617	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	30	-13.48	-0.016115	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	40	-12.66	-0.015134	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	60	-12.43	-0.014860	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	-40	-14.95	-0.017872	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	80	-15.05	-0.017992	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	85	-15.66	-0.018721	±2.5	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	NV	50	-15.65	-0.018709	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	-20	-14.76	-0.017645	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	80	-11.80	-0.014106	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	70	-15.02	-0.017956	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	60	-13.33	-0.015935	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	50	-14.86	-0.017764	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	40	-12.52	-0.014967	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	30	-13.15	-0.015720	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	20	-14.78	-0.017669	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	10	-12.43	-0.014860	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	-10	-13.72	-0.016402	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	-30	-13.63	-0.016294	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	-40	-13.92	-0.016641	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	85	-15.61	-0.018661	±2.5	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	NV	0	-14.56	-0.017406	±2.5	PASS