

Appendix C: Test Results of Band 5 for eMTC operation

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

Test Result

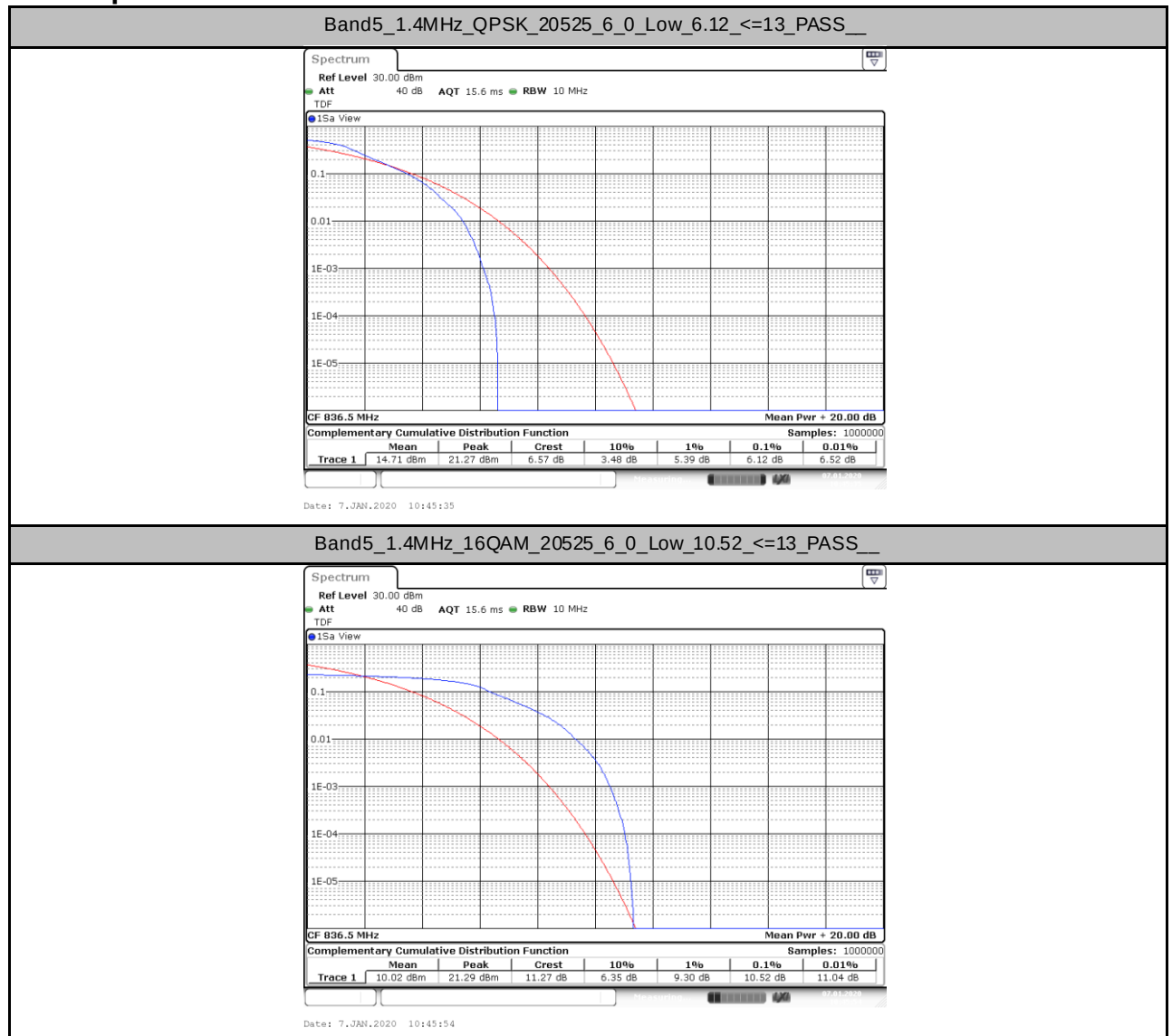
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result (dBm)	ERP		Limit (watts)		Verdict
								dBm	Watts	FCC	ISED	
Band5	1.4MHz	QPSK	20407	1	0	Low	22.78	22.77	0.189	7	11.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	22.59	22.58	0.181	7	11.5	PASS
Band5	1.4MHz	QPSK	20643	1	5	Low	22.33	22.32	0.171	7	11.5	PASS
Band5	1.4MHz	QPSK	20407	6	0	Low	20.65	20.64	0.116	7	11.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	20.48	20.47	0.111	7	11.5	PASS
Band5	1.4MHz	QPSK	20643	6	0	Low	20.23	20.22	0.105	7	11.5	PASS
Band5	1.4MHz	16QAM	20407	1	0	Low	21.89	21.88	0.154	7	11.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	22.08	22.07	0.161	7	11.5	PASS
Band5	1.4MHz	16QAM	20643	1	5	Low	21.43	21.42	0.139	7	11.5	PASS
Band5	1.4MHz	16QAM	20407	6	0	Low	20.66	20.65	0.116	7	11.5	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	20.44	20.43	0.110	7	11.5	PASS
Band5	1.4MHz	16QAM	20643	6	0	Low	20.22	20.21	0.105	7	11.5	PASS
Band5	3MHz	QPSK	20415	1	0	Low	22.76	22.75	0.188	7	11.5	PASS
Band5	3MHz	QPSK	20525	1	0	Low	22.59	22.58	0.181	7	11.5	PASS
Band5	3MHz	QPSK	20635	1	5	High	22.27	22.26	0.168	7	11.5	PASS
Band5	3MHz	QPSK	20415	6	0	Low	20.61	20.6	0.115	7	11.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	20.4	20.39	0.109	7	11.5	PASS
Band5	3MHz	QPSK	20635	6	0	High	20.25	20.24	0.106	7	11.5	PASS
Band5	3MHz	16QAM	20415	1	0	Low	21.87	21.86	0.153	7	11.5	PASS
Band5	3MHz	16QAM	20525	1	0	Low	21.67	21.66	0.147	7	11.5	PASS
Band5	3MHz	16QAM	20635	1	5	High	21.43	21.42	0.139	7	11.5	PASS
Band5	3MHz	16QAM	20415	6	0	Low	20.7	20.69	0.117	7	11.5	PASS
Band5	3MHz	16QAM	20525	6	0	Low	20.43	20.42	0.110	7	11.5	PASS
Band5	3MHz	16QAM	20635	6	0	High	20.25	20.24	0.106	7	11.5	PASS
Band5	5MHz	QPSK	20425	1	0	Low	22.78	22.77	0.189	7	11.5	PASS
Band5	5MHz	QPSK	20525	1	0	Low	22.6	22.59	0.182	7	11.5	PASS
Band5	5MHz	QPSK	20625	1	5	High	22.27	22.26	0.168	7	11.5	PASS
Band5	5MHz	QPSK	20625	3	3	High	21.28	21.27	0.134	7	11.5	PASS
Band5	5MHz	QPSK	20425	6	0	Low	21.61	21.6	0.145	7	11.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	21.33	21.32	0.136	7	11.5	PASS
Band5	5MHz	16QAM	20425	1	0	Low	22.95	22.94	0.197	7	11.5	PASS
Band5	5MHz	16QAM	20525	1	0	Low	22.76	22.75	0.188	7	11.5	PASS
Band5	5MHz	16QAM	20625	1	5	High	22.46	22.45	0.176	7	11.5	PASS
Band5	5MHz	16QAM	20625	3	3	High	21.45	21.44	0.139	7	11.5	PASS
Band5	5MHz	16QAM	20425	6	0	Low	21.6	21.59	0.144	7	11.5	PASS
Band5	5MHz	16QAM	20525	6	0	Low	21.33	21.32	0.136	7	11.5	PASS
Band5	10MHz	QPSK	20450	1	0	Low	22.76	22.75	0.188	7	11.5	PASS
Band5	10MHz	QPSK	20525	1	0	Low	22.6	22.59	0.182	7	11.5	PASS
Band5	10MHz	QPSK	20600	1	5	High	22.3	22.29	0.169	7	11.5	PASS
Band5	10MHz	QPSK	20450	5	0	Low	21.62	21.61	0.145	7	11.5	PASS
Band5	10MHz	QPSK	20525	5	0	Low	21.46	21.45	0.140	7	11.5	PASS
Band5	10MHz	QPSK	20600	5	1	High	21.24	21.23	0.133	7	11.5	PASS
Band5	10MHz	16QAM	20450	1	0	Low	22.92	22.91	0.195	7	11.5	PASS
Band5	10MHz	16QAM	20525	1	0	Low	22.74	22.73	0.187	7	11.5	PASS
Band5	10MHz	16QAM	20600	1	5	High	22.46	22.45	0.176	7	11.5	PASS
Band5	10MHz	16QAM	20450	5	0	Low	21.75	21.74	0.149	7	11.5	PASS
Band5	10MHz	16QAM	20525	5	0	Low	21.58	21.57	0.144	7	11.5	PASS
Band5	10MHz	16QAM	20600	5	1	High	21.36	21.35	0.136	7	11.5	PASS

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

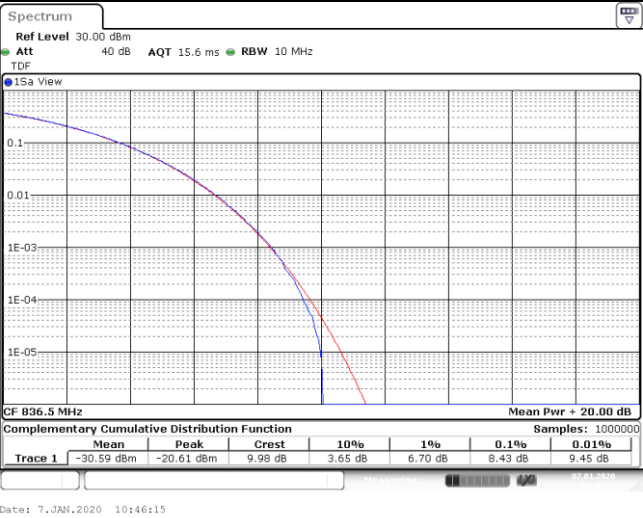
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6	0	Low	6.12	<=13	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	10.52	<=13	PASS
Band5	3MHz	QPSK	20525	6	0	Low	8.43	<=13	PASS
Band5	3MHz	16QAM	20525	6	0	Low	11.68	<=13	PASS
Band5	5MHz	QPSK	20525	6	0	Low	4.87	<=13	PASS
Band5	5MHz	16QAM	20525	6	0	Low	10.26	<=13	PASS
Band5	10MHz	QPSK	20525	6	0	Low	8.38	<=13	PASS
Band5	10MHz	16QAM	20525	6	0	Low	10.81	<=13	PASS

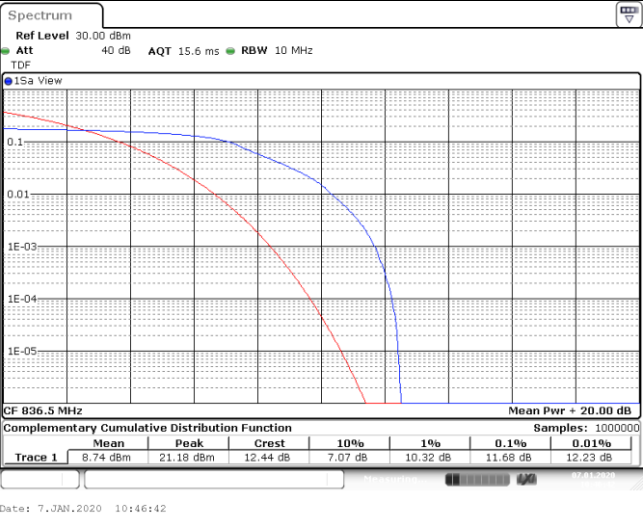
Test Graphs



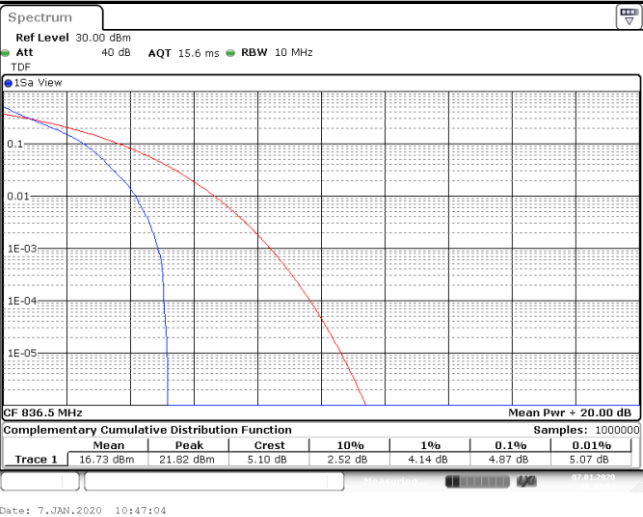
Band5_3MHz_QPSK_20525_6_0_Low_8.43_<=13_PASS__



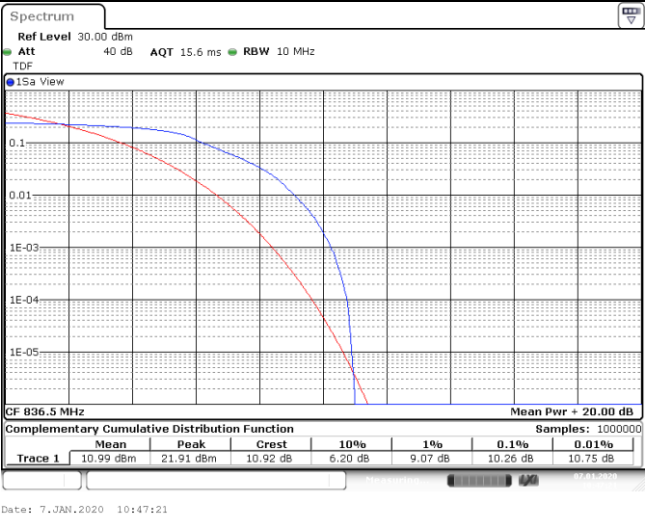
Band5_3MHz_16QAM_20525_6_0_Low_11.68_<=13_PASS__



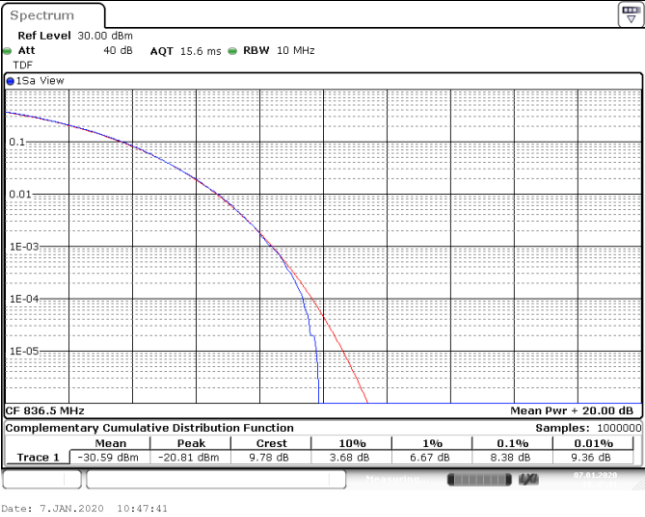
Band5_5MHz_QPSK_20525_6_0_Low_4.87_<=13_PASS__



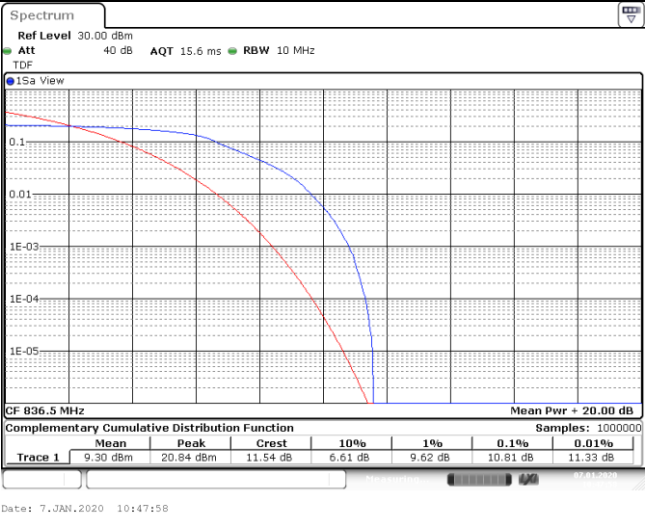
Band5_5MHz_16QAM_20525_6_0_Low_10.26_<=13_PASS__



Band5_10MHz_QPSK_20525_6_0_Low_8.38_<=13_PASS__



Band5_10MHz_16QAM_20525_6_0_Low_10.81_<=13_PASS__



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

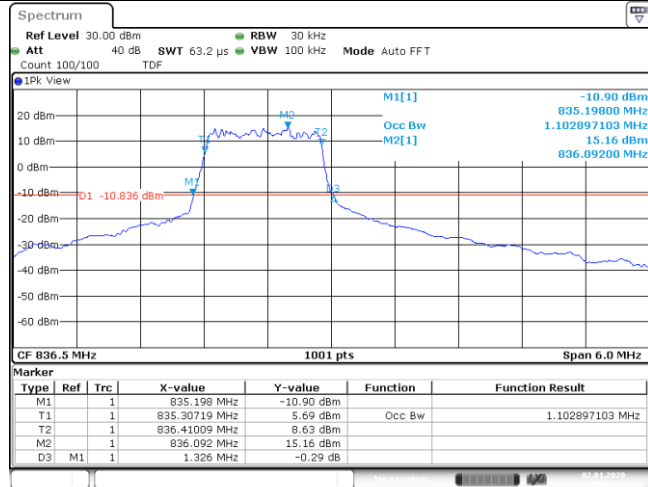
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6	0	Low	1.097	1.296	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	1.1	1.323	PASS
Band5	3MHz	QPSK	20525	6	0	Low	1.103	1.326	PASS
Band5	3MHz	16QAM	20525	6	0	Low	1.103	1.332	PASS
Band5	5MHz	QPSK	20525	6	0	Low	1.089	1.290	PASS
Band5	5MHz	16QAM	20525	6	0	Low	1.099	1.330	PASS
Band5	10MHz	QPSK	20525	6	0	Low	1.099	1.320	PASS
Band5	10MHz	16QAM	20525	6	0	Low	1.099	1.320	PASS

Test Graphs

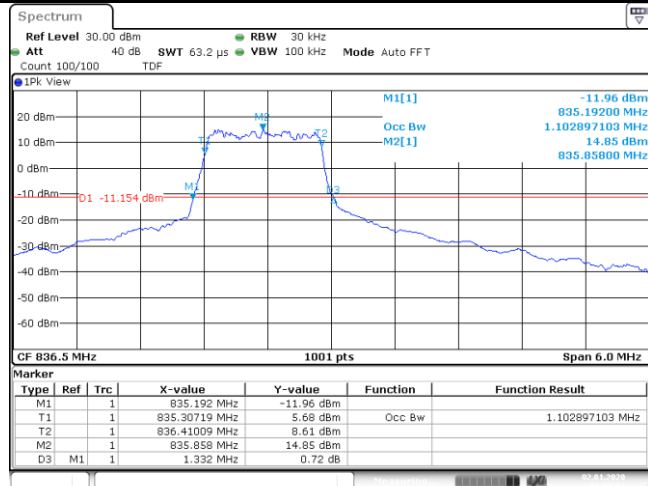


Band5_3MHz_QPSK_20525_6_0_Low_1.103_1.326_PASS



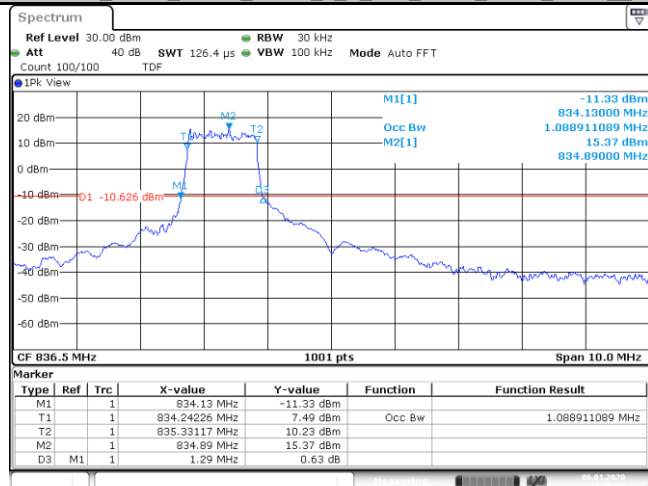
Date: 2.JAN.2020 09:06:45

Band5_3MHz_16QAM_20525_6_0_Low_1.103_1.332_PASS



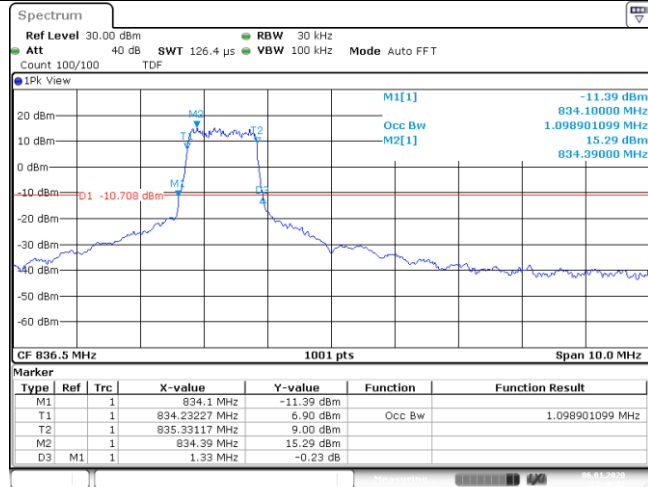
Date: 2.JAN.2020 09:07:04

Band5_5MHz_QPSK_20525_6_0_Low_1.089_1.290_PASS

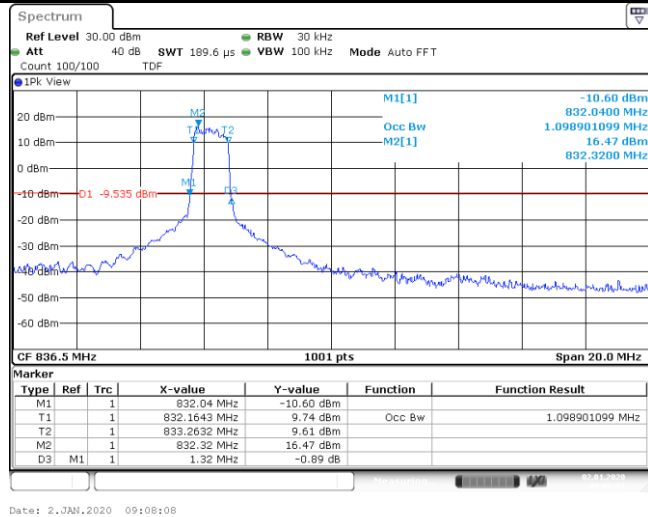


Date: 6.JAN.2020 13:46:03

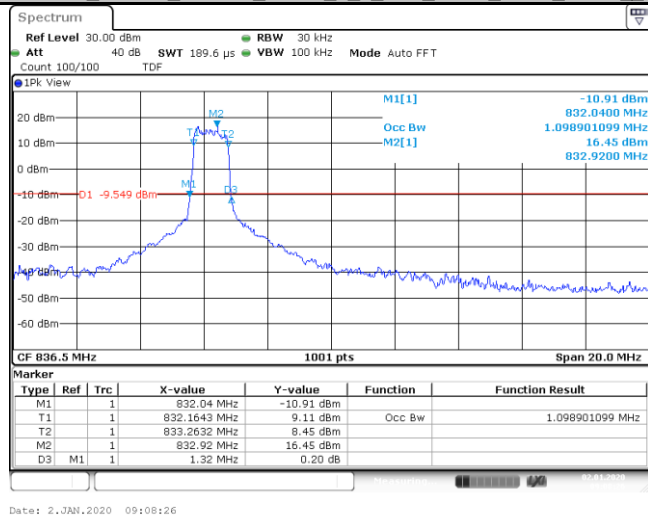
Band5_5MHz_16QAM_20525_6_0_Low_1.099_1.330_PASS



Band5_10MHz_QPSK_20525_6_0_Low_1.099_1.320_PASS



Band5_10MHz_16QAM_20525_6_0_Low_1.099_1.320_PASS

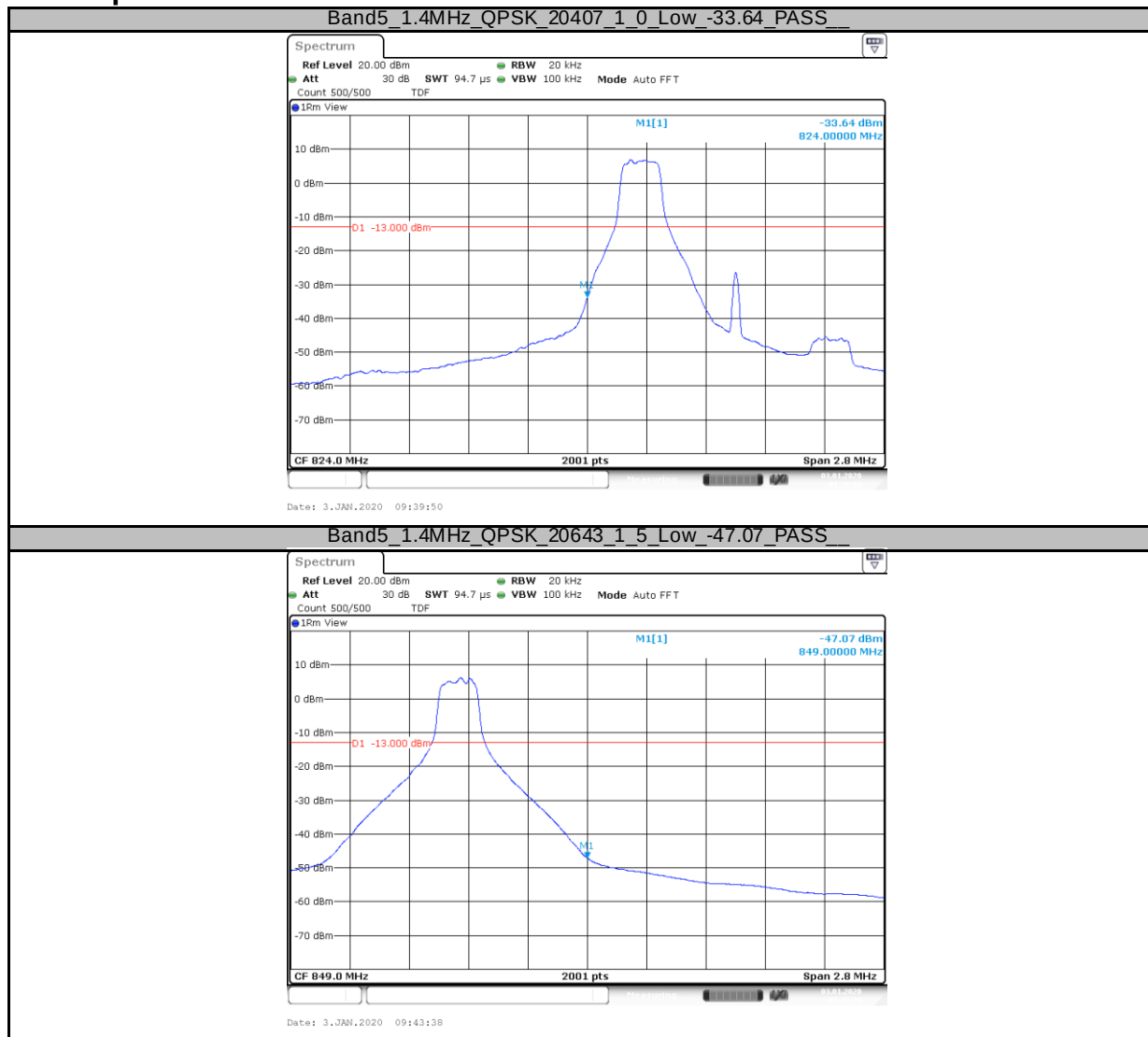


Appendix C.4: Band Edge for M1

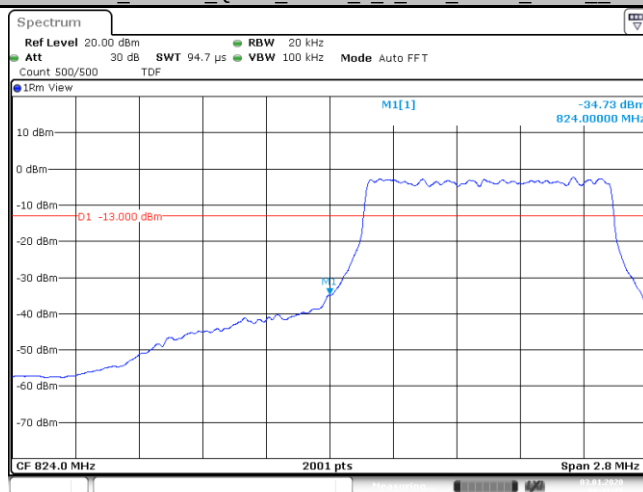
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1	0	Low	-33.64	PASS
Band5	1.4MHz	QPSK	20643	1	5	Low	-47.07	PASS
Band5	1.4MHz	QPSK	20407	6	0	Low	-34.73	PASS
Band5	1.4MHz	QPSK	20643	6	0	Low	-37.89	PASS
Band5	1.4MHz	16QAM	20407	1	0	Low	-32.45	PASS
Band5	1.4MHz	16QAM	20643	1	5	Low	-48.14	PASS
Band5	1.4MHz	16QAM	20407	6	0	Low	-36.24	PASS
Band5	1.4MHz	16QAM	20643	6	0	Low	-38.93	PASS

Test Graphs

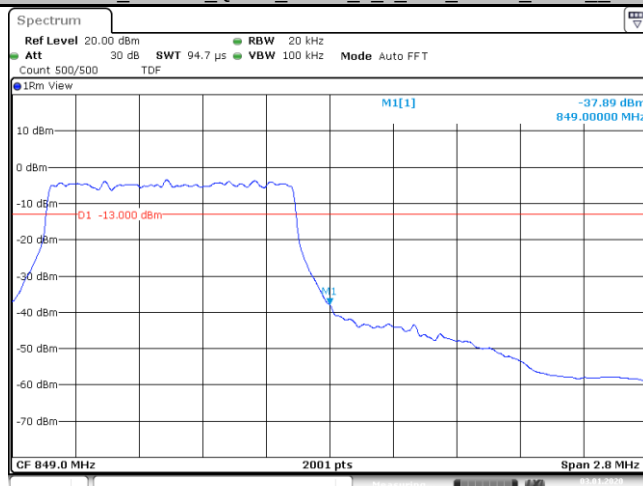


Band5_1.4MHz_QPSK_20407_6_0_Low_-34.73_PASS



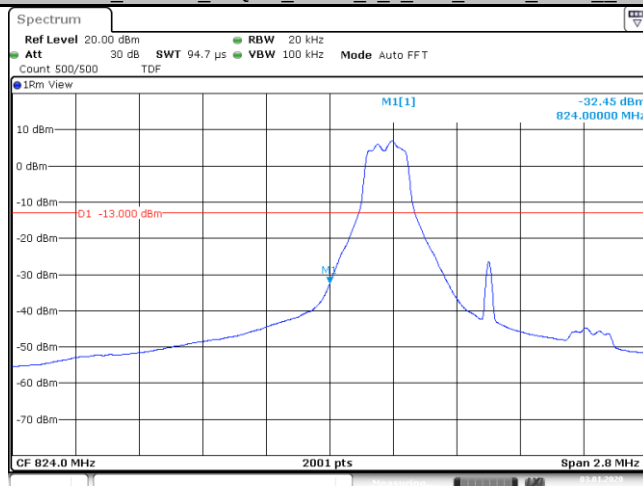
Date: 3.JAN.2020 09:41:25

Band5_1.4MHz_QPSK_20643_6_0_Low_-37.89_PASS

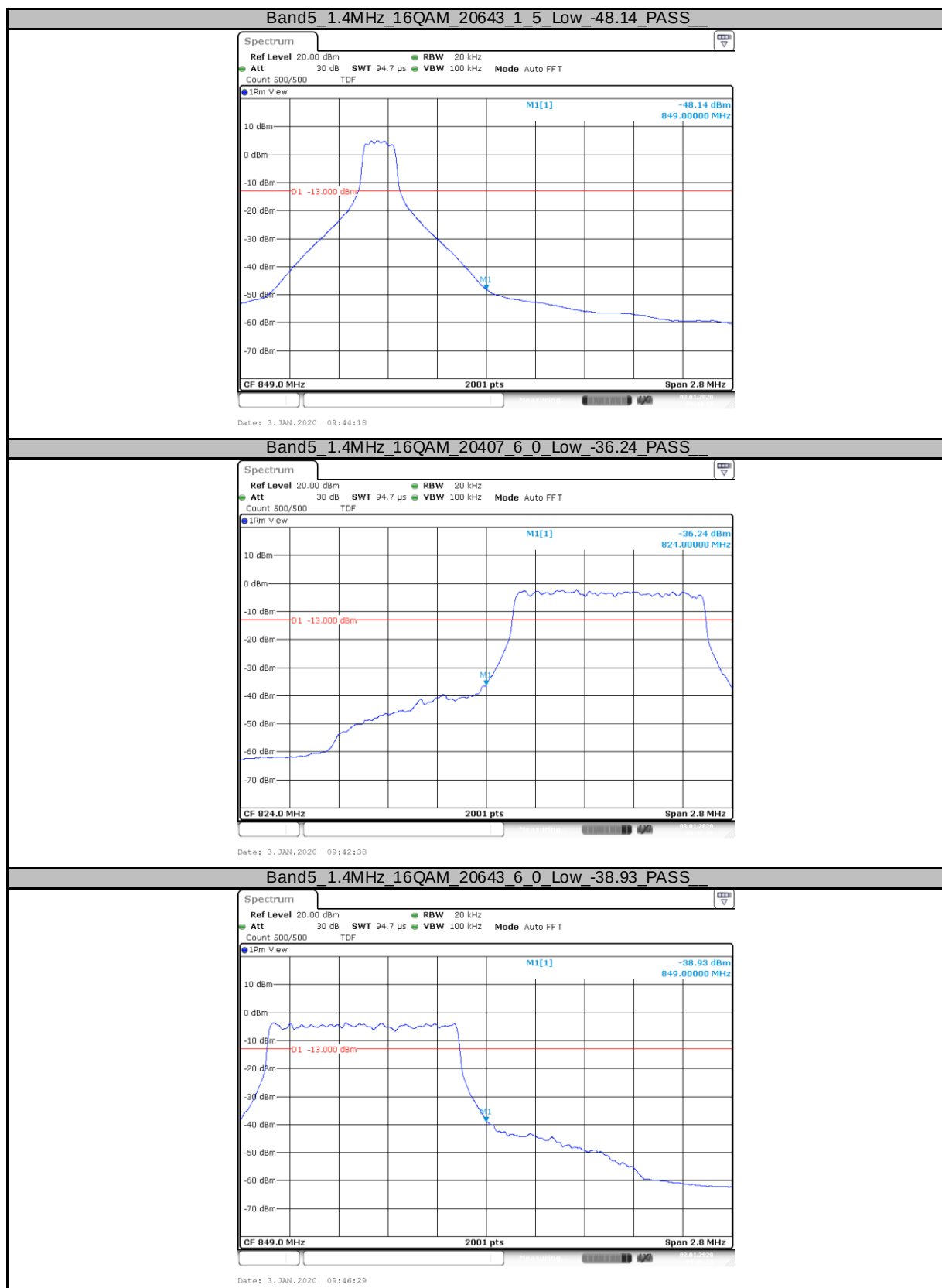


Date: 3.JAN.2020 09:45:16

Band5_1.4MHz_16QAM_20407_1_0_Low_-32.45_PASS



Date: 3.JAN.2020 09:40:28



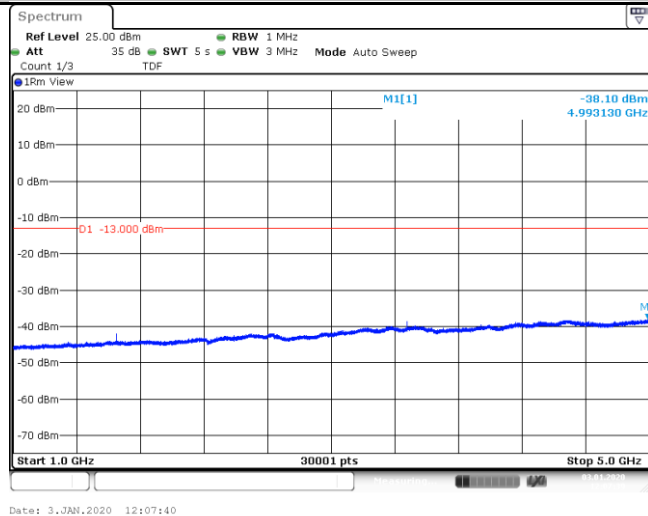
Appendix C.5: Conducted Spurious Emission for M1

Test Result

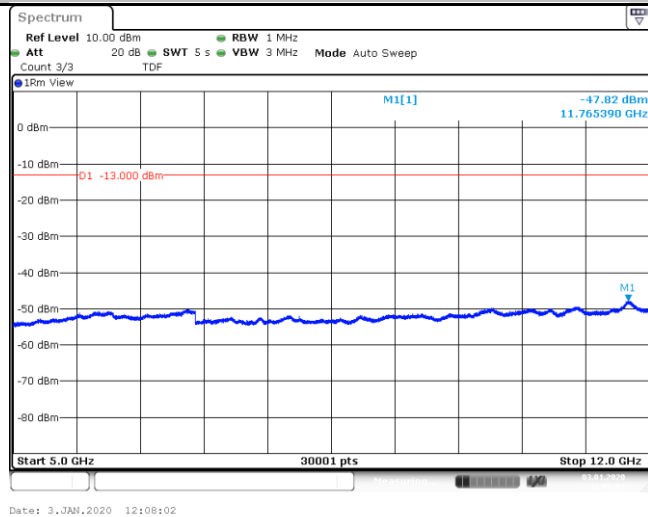
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1	0	Low	1000	5000	-38.1	PASS
Band5	1.4MHz	QPSK	20407	1	0	Low	5000	12000	-47.82	PASS
Band5	1.4MHz	QPSK	20407	1	0	Low	12000	26500	-41.74	PASS
Band5	1.4MHz	QPSK	20407	1	0	Low	30	1000	-35.69	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	5000	12000	-47.69	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	1000	5000	-38.13	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	30	1000	-36.1	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	12000	26500	-41.6	PASS
Band5	1.4MHz	QPSK	20643	1	5	Low	5000	12000	-47.68	PASS
Band5	1.4MHz	QPSK	20643	1	5	Low	1000	5000	-38.01	PASS
Band5	1.4MHz	QPSK	20643	1	5	Low	12000	26500	-41.7	PASS
Band5	1.4MHz	QPSK	20643	1	5	Low	30	1000	-35.5	PASS
Band5	1.4MHz	QPSK	20407	6	0	Low	5000	12000	-47.73	PASS
Band5	1.4MHz	QPSK	20407	6	0	Low	12000	26500	-41.51	PASS
Band5	1.4MHz	QPSK	20407	6	0	Low	1000	5000	-38.17	PASS
Band5	1.4MHz	QPSK	20407	6	0	Low	30	1000	-35.83	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	30	1000	-35.58	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	5000	12000	-47.61	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	1000	5000	-38.15	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	12000	26500	-41.78	PASS
Band5	1.4MHz	QPSK	20643	6	0	Low	30	1000	-36.29	PASS
Band5	1.4MHz	QPSK	20643	6	0	Low	1000	5000	-38.13	PASS
Band5	1.4MHz	QPSK	20643	6	0	Low	5000	12000	-47.74	PASS
Band5	1.4MHz	QPSK	20643	6	0	Low	12000	26500	-41.85	PASS
Band5	1.4MHz	16QAM	20407	1	0	Low	30	1000	-35.62	PASS
Band5	1.4MHz	16QAM	20407	1	0	Low	1000	5000	-38.05	PASS
Band5	1.4MHz	16QAM	20407	1	0	Low	12000	26500	-41.6	PASS
Band5	1.4MHz	16QAM	20407	1	0	Low	5000	12000	-47.59	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	1000	5000	-37.97	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	12000	26500	-41.71	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	30	1000	-35.55	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	5000	12000	-47.79	PASS
Band5	1.4MHz	16QAM	20643	1	5	Low	12000	26500	-41.69	PASS
Band5	1.4MHz	16QAM	20643	1	5	Low	5000	12000	-47.76	PASS
Band5	1.4MHz	16QAM	20643	1	5	Low	1000	5000	-37.96	PASS
Band5	1.4MHz	16QAM	20643	1	5	Low	30	1000	-34.11	PASS
Band5	1.4MHz	16QAM	20407	6	0	Low	12000	26500	-41.64	PASS
Band5	1.4MHz	16QAM	20407	6	0	Low	5000	12000	-47.76	PASS
Band5	1.4MHz	16QAM	20407	6	0	Low	1000	5000	-38.17	PASS
Band5	1.4MHz	16QAM	20407	6	0	Low	30	1000	-36.08	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	1000	5000	-38.06	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	5000	12000	-47.67	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	30	1000	-35.8	PASS
Band5	1.4MHz	16QAM	20525	6	0	Low	12000	26500	-41.62	PASS
Band5	1.4MHz	16QAM	20643	6	0	Low	12000	26500	-41.69	PASS
Band5	1.4MHz	16QAM	20643	6	0	Low	30	1000	-36.23	PASS
Band5	1.4MHz	16QAM	20643	6	0	Low	1000	5000	-38.13	PASS
Band5	1.4MHz	16QAM	20643	6	0	Low	5000	12000	-47.71	PASS

Test Graphs

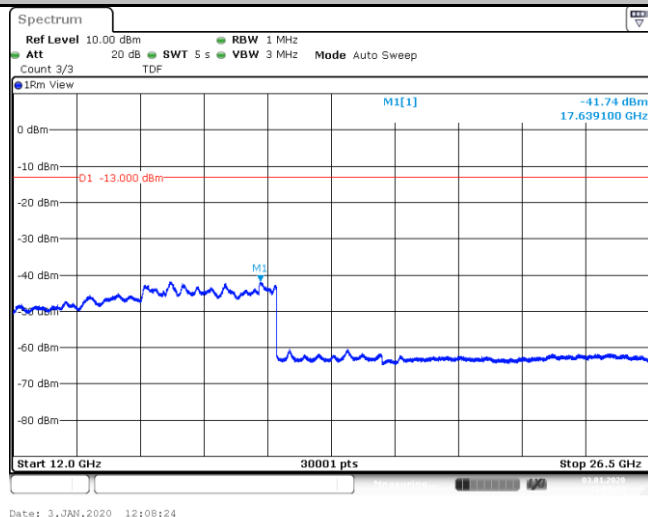
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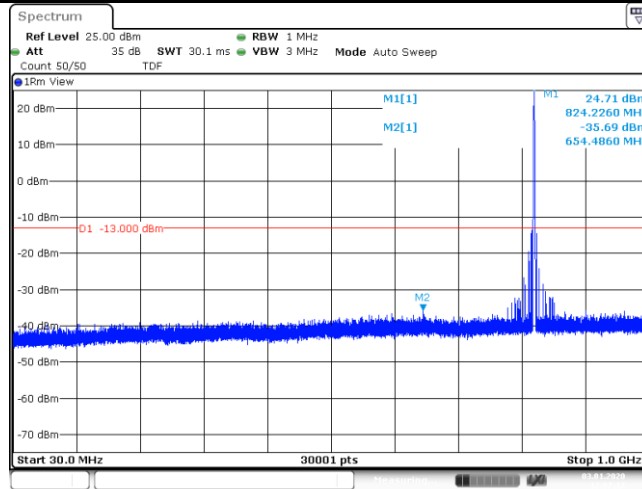
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Band5_1.4MHz_QPSK_20407_1_0_Low_12000_26500_-41.74_PASS__

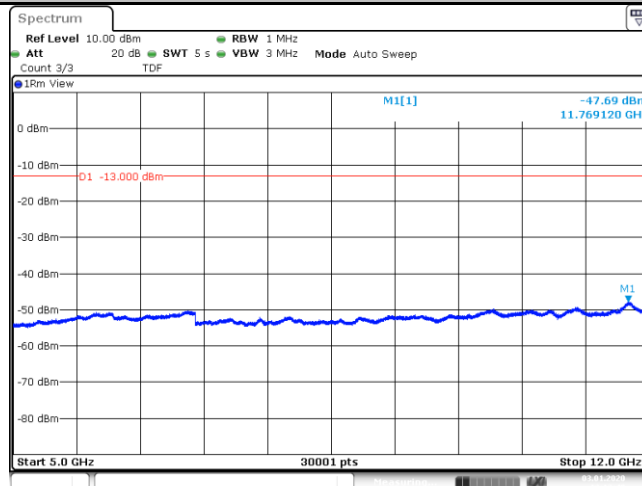


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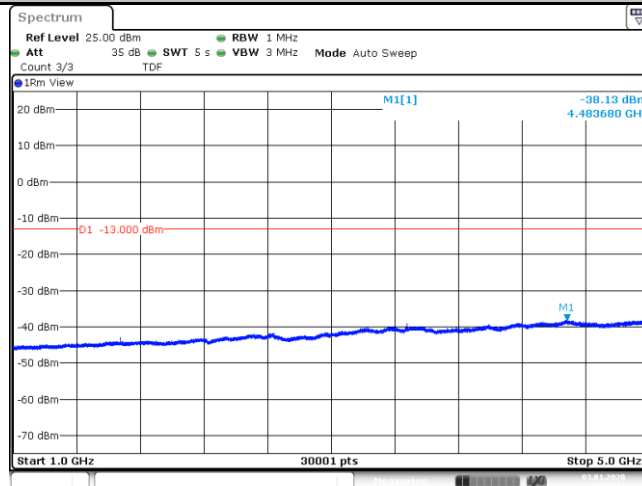
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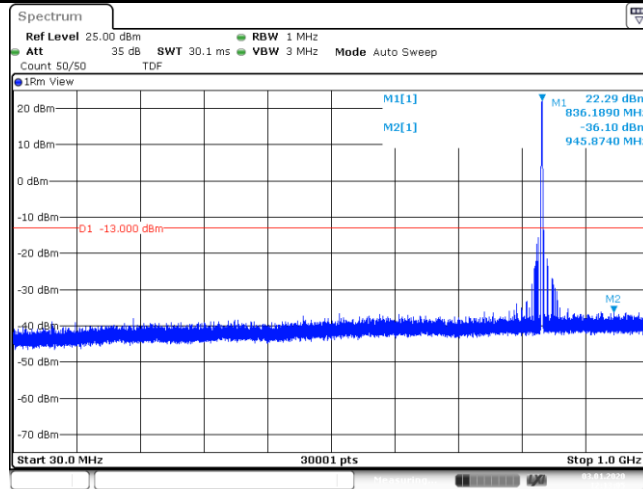
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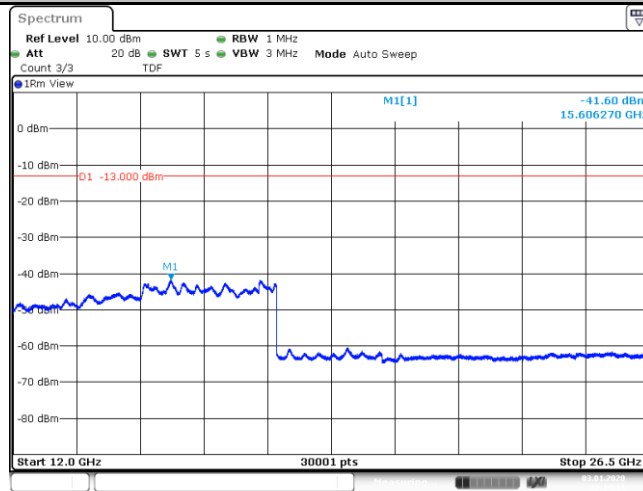


Date: 3.JAN.2020 12:13:27

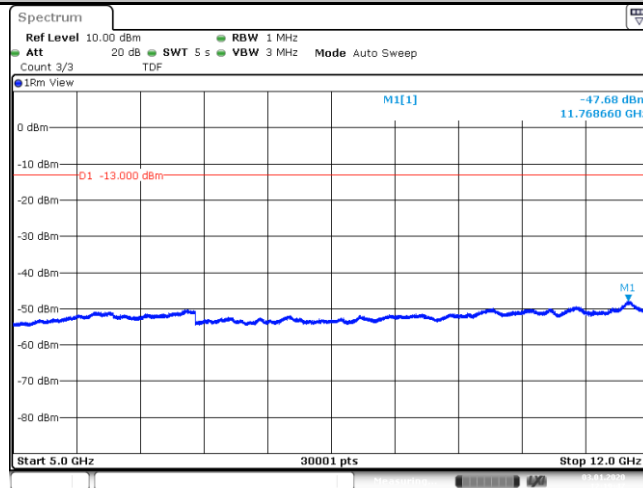
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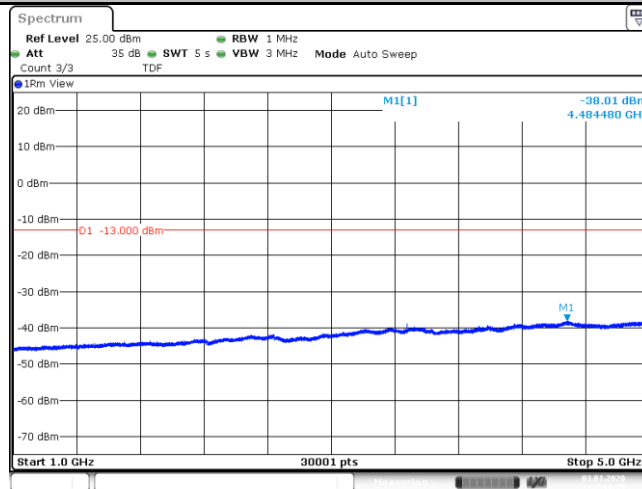
Band5_1.4MHz_QPSK_20525_1_0_Low_12000_26500_-41.6_PASS



Band5_1.4MHz_QPSK_20643_1_5_Low_5000_12000_-47.68_PASS

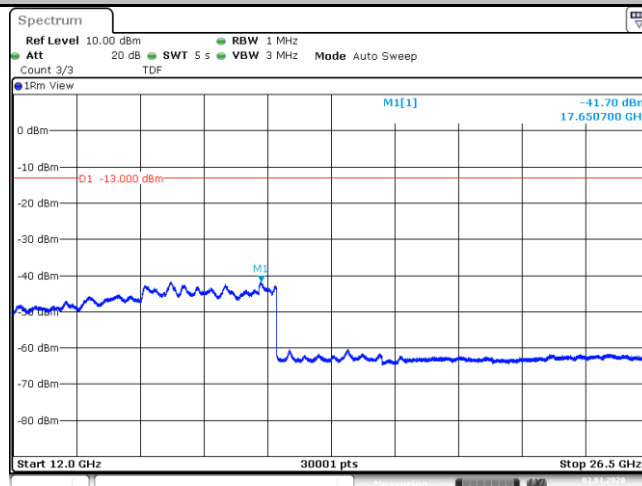


Band5_1.4MHz_QPSK_20643_1_5_Low_1000_5000_-38.01_PASS__



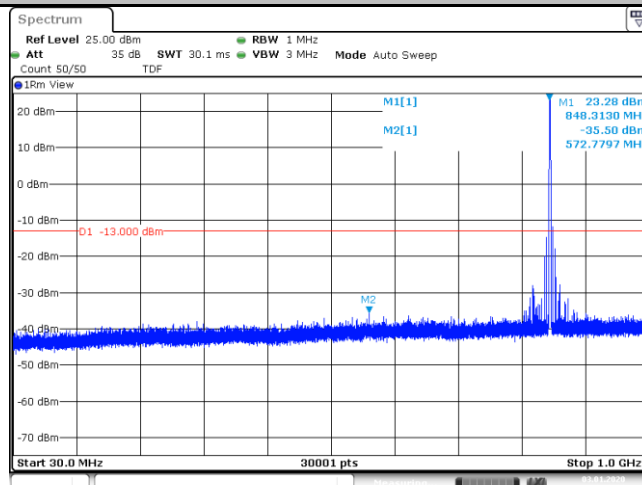
Date: 3.JAN.2020 12:19:26

Band5_1.4MHz_QPSK_20643_1_5_Low_12000_26500_-41.70_PASS__



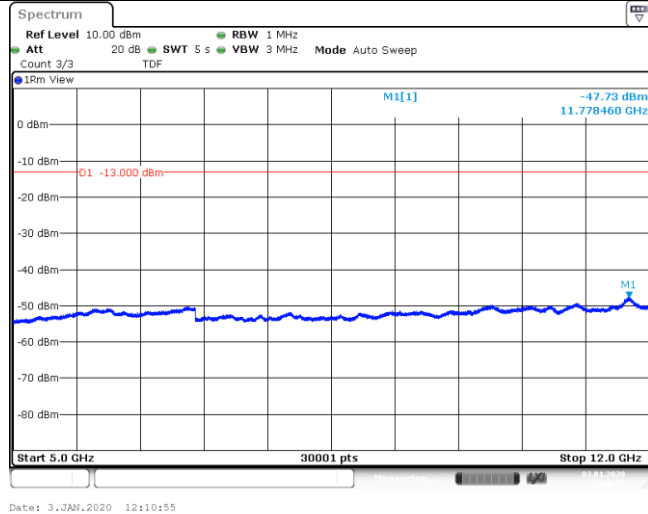
Date: 3.JAN.2020 12:20:10

Band5_1.4MHz_QPSK_20643_1_5_Low_30_1000_-35.50_PASS__

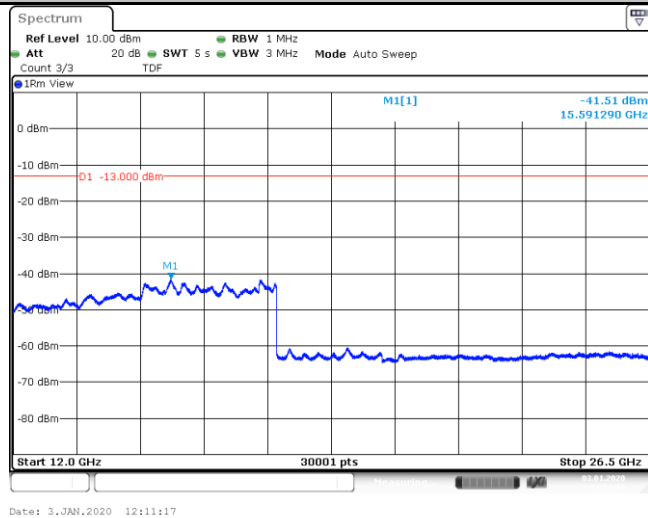


Date: 3.JAN.2020 12:19:04

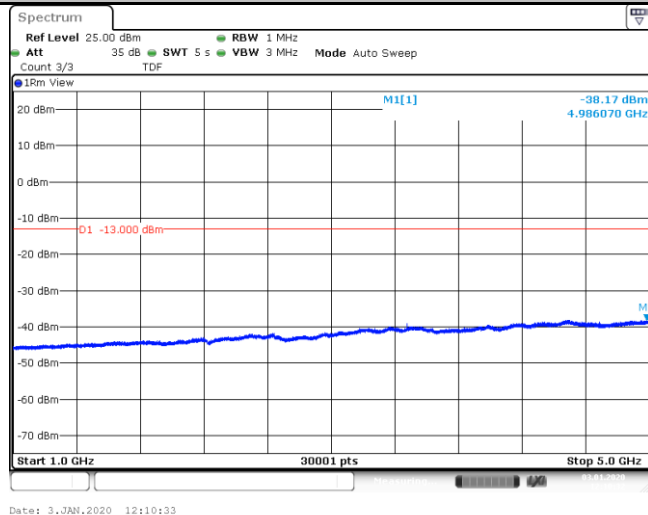
Band5_1.4MHz_QPSK_20407_6_0_Low_5000_12000_-47.73_PASS__



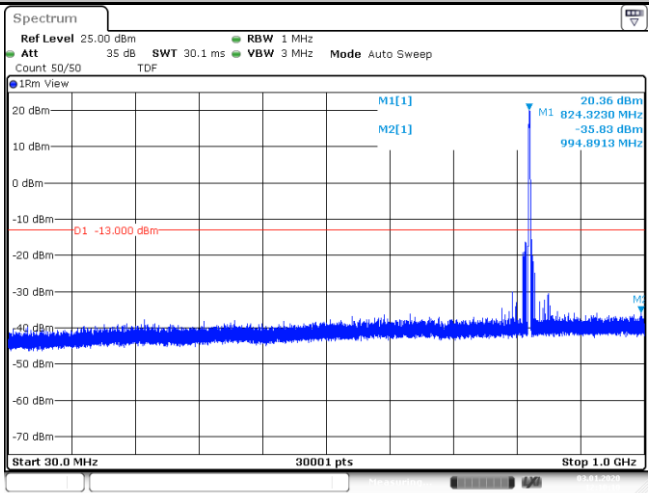
Band5_1.4MHz_QPSK_20407_6_0_Low_12000_26500_-41.51_PASS__



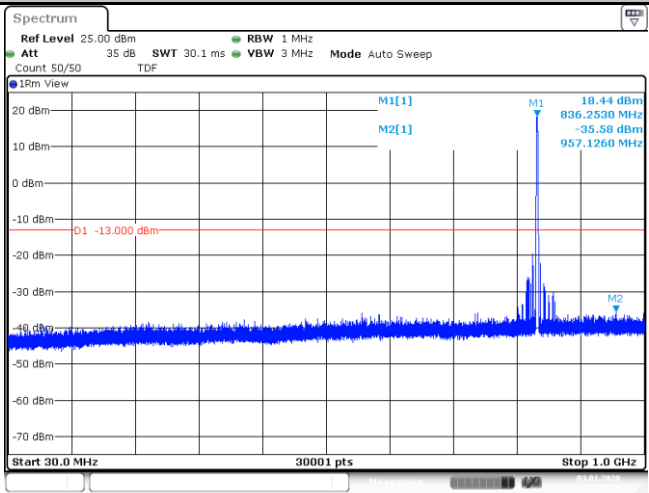
Band5_1.4MHz_QPSK_20407_6_0_Low_1000_5000_-38.17_PASS__



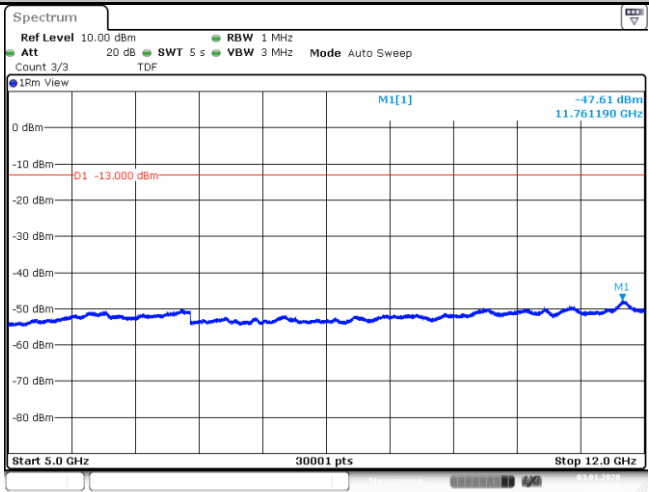
Band5_1.4MHz_QPSK_20407_6_0_Low_30_1000_-35.83_PASS



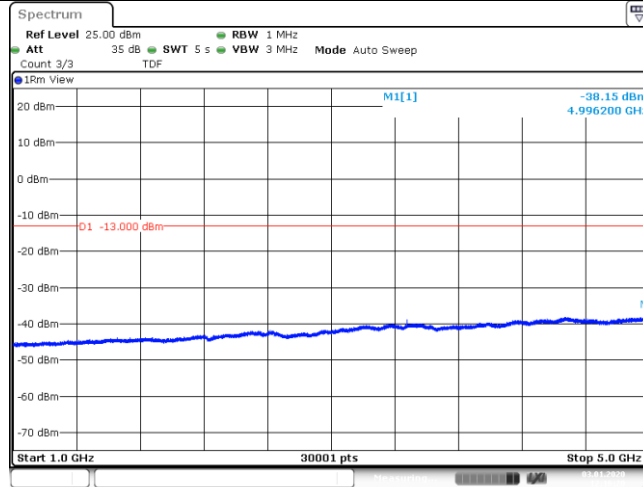
Band5_1.4MHz_QPSK_20525_6_0_Low_30_1000_-35.58_PASS



Band5_1.4MHz_QPSK_20525_6_0_Low_5000_12000_-47.61_PASS

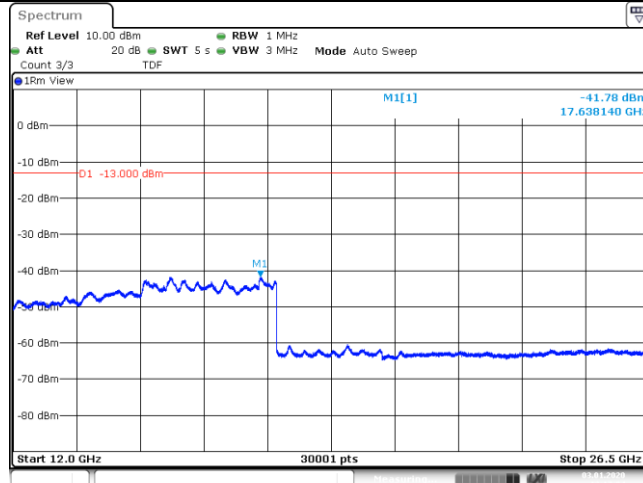


Band5_1.4MHz_QPSK_20525_6_0_Low_1000_5000_-38.15_PASS__



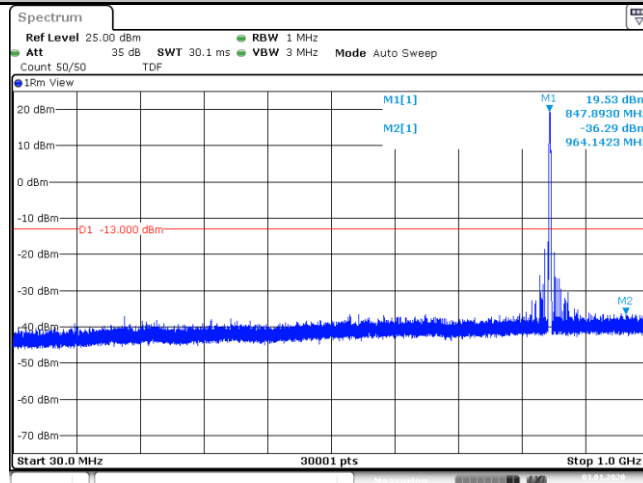
Date: 3.JAN.2020 12:16:21

Band5_1.4MHz_QPSK_20525_6_0_Low_12000_26500_-41.78_PASS__



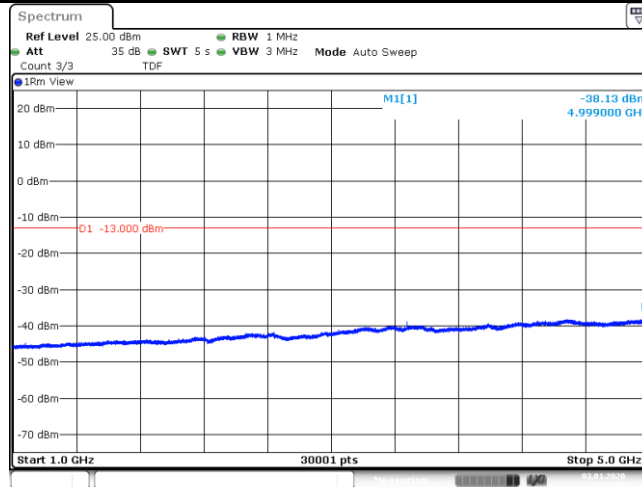
Date: 3.JAN.2020 12:17:05

Band5_1.4MHz_QPSK_20643_6_0_Low_30_1000_-36.29_PASS__



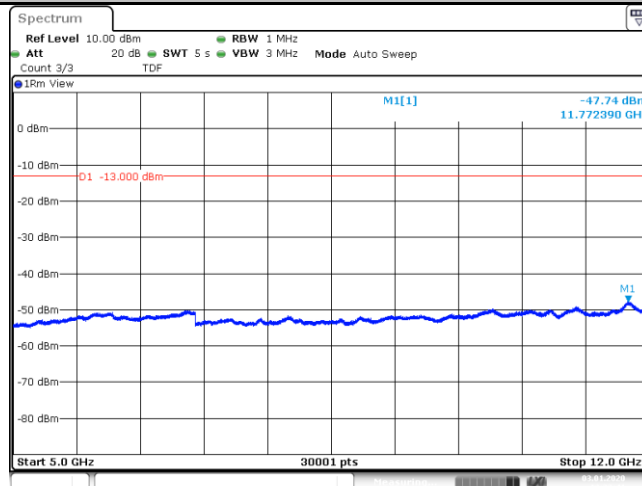
Date: 3.JAN.2020 12:21:58

Band5_1.4MHz_QPSK_20643_6_0_Low_1000_5000_-38.13_PASS__



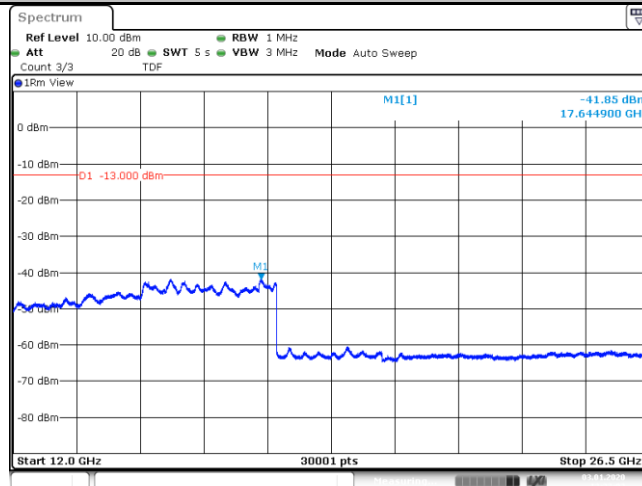
Date: 3.JAN.2020 12:22:20

Band5_1.4MHz_QPSK_20643_6_0_Low_5000_12000_-47.74_PASS__



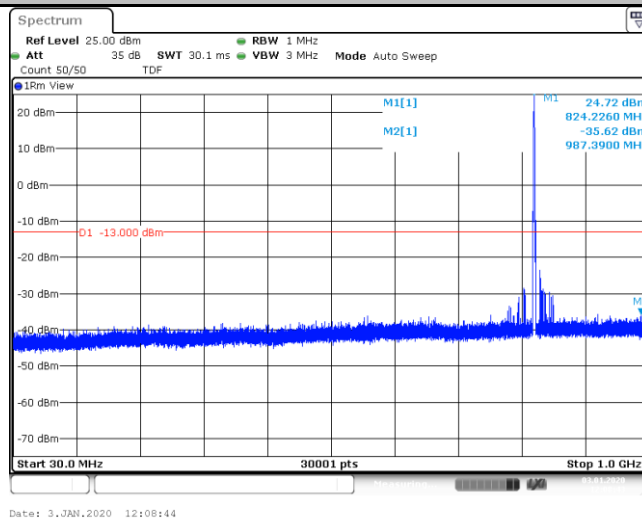
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Band5_1.4MHz_QPSK_20643_6_0_Low_12000_26500_-41.85_PASS__

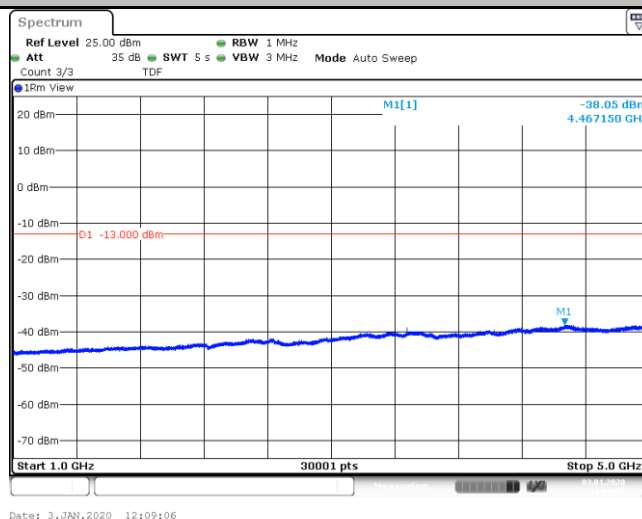


Date: 3.JAN.2020 12:23:04

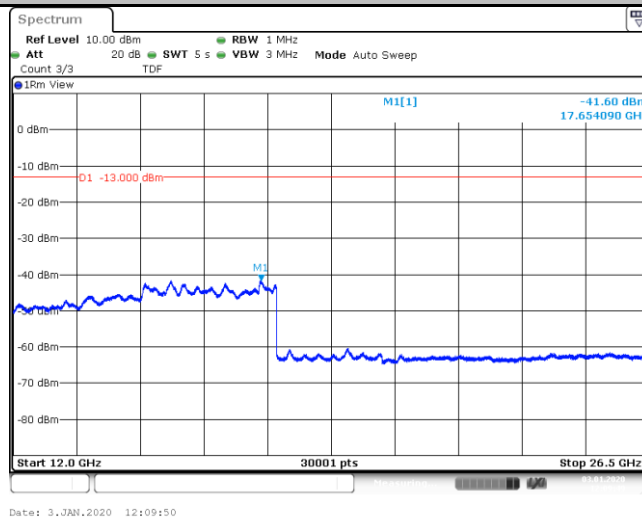
Band5_1.4MHz_16QAM_20407_1_0_Low_30_1000_-35.62_PASS_



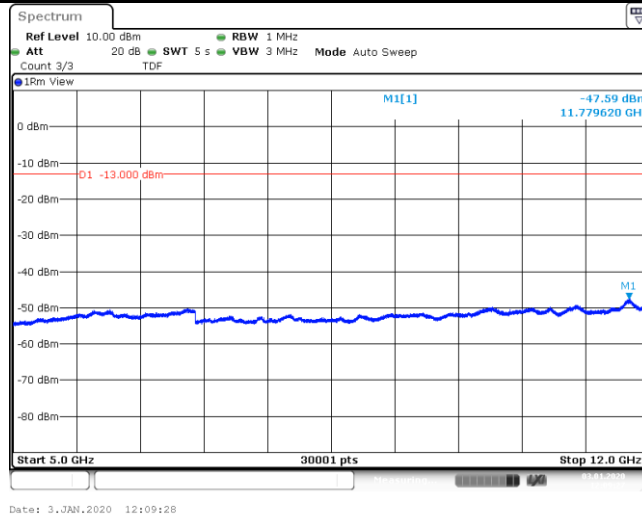
Band5_1.4MHz_16QAM_20407_1_0_Low_1000_5000_-38.05_PASS_



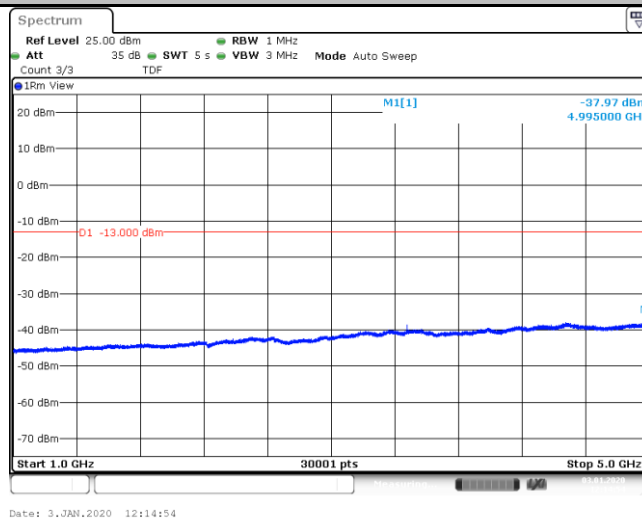
Band5_1.4MHz_16QAM_20407_1_0_Low_12000_26500_-41.6_PASS_



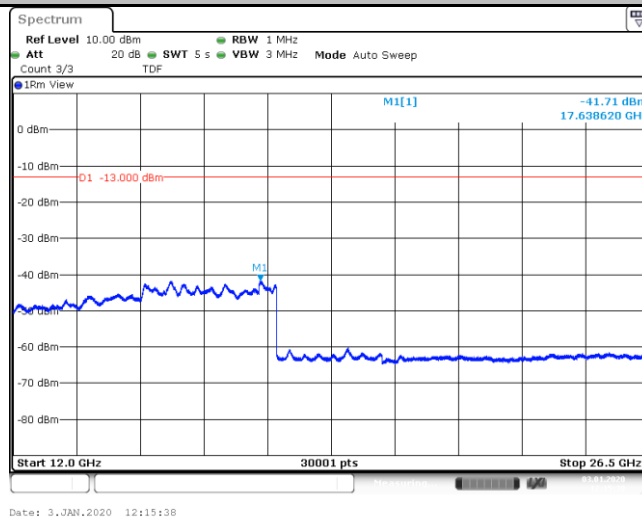
Band5_1.4MHz_16QAM_20407_1_0_Low_5000_12000_-47.59_PASS__



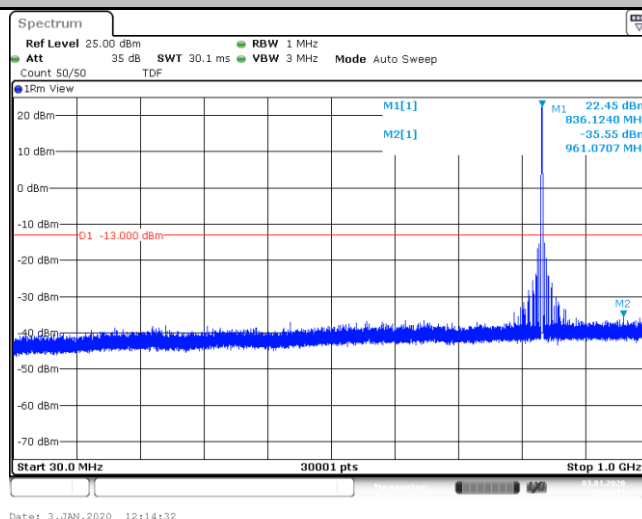
Band5_1.4MHz_16QAM_20525_1_0_Low_1000_5000_-37.97_PASS__



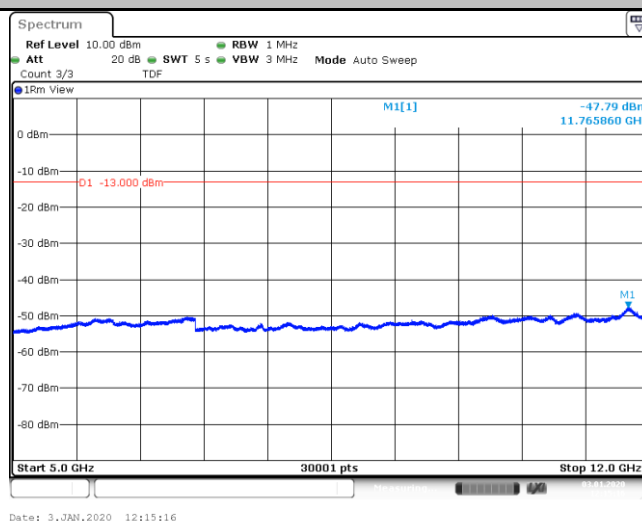
Band5_1.4MHz_16QAM_20525_1_0_Low_12000_26500_-41.71_PASS__



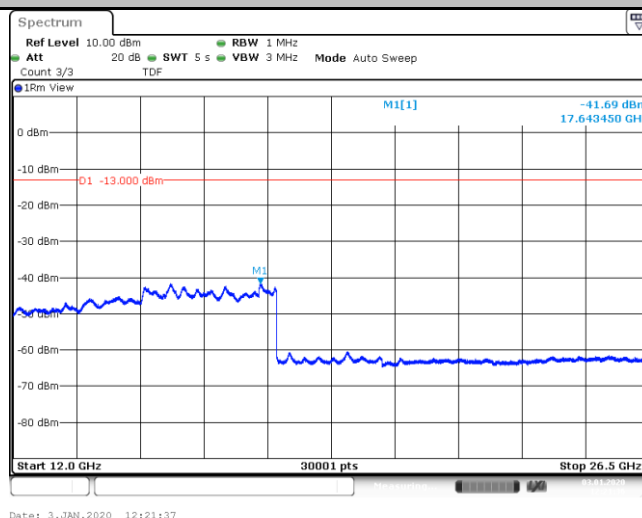
Band5_1.4MHz_16QAM_20525_1_0_Low_30_1000_-35.55_PASS__



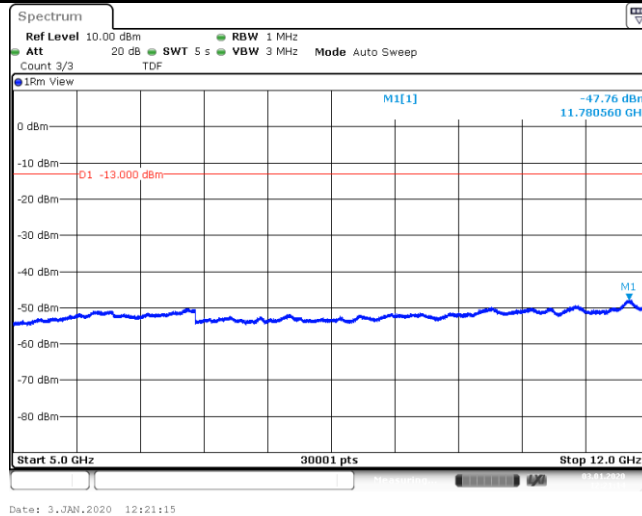
Band5_1.4MHz_16QAM_20525_1_0_Low_5000_12000_-47.79_PASS__



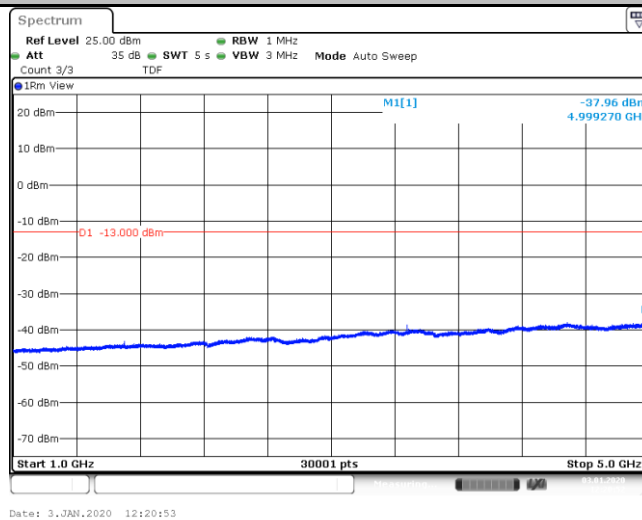
Band5_1.4MHz_16QAM_20643_1_5_Low_12000_26500_-41.69_PASS__



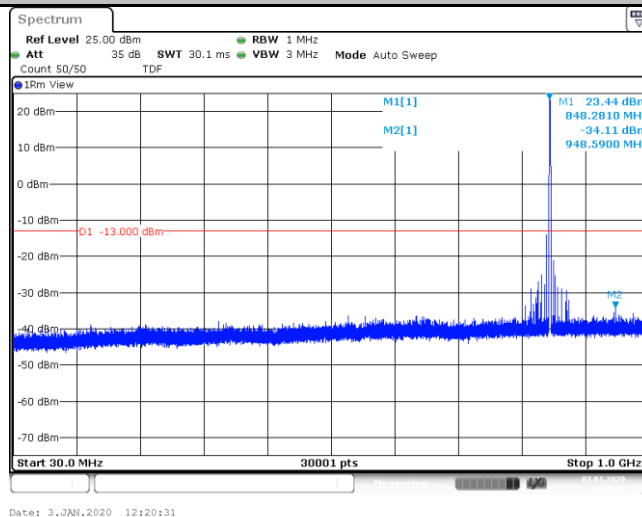
Band5_1.4MHz_16QAM_20643_1_5_Low_5000_12000_-47.76_PASS__



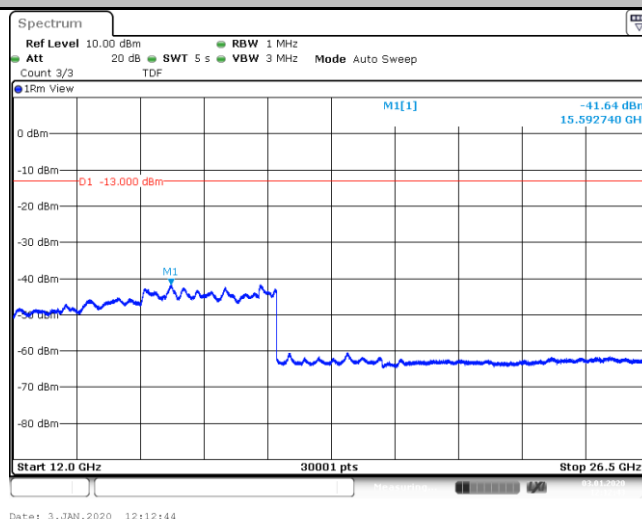
Band5_1.4MHz_16QAM_20643_1_5_Low_1000_5000_-37.96_PASS__



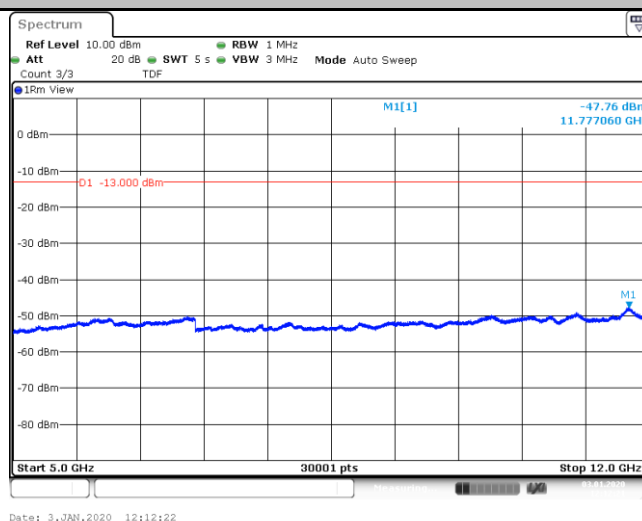
Band5_1.4MHz_16QAM_20643_1_5_Low_30_1000_-34.11_PASS__



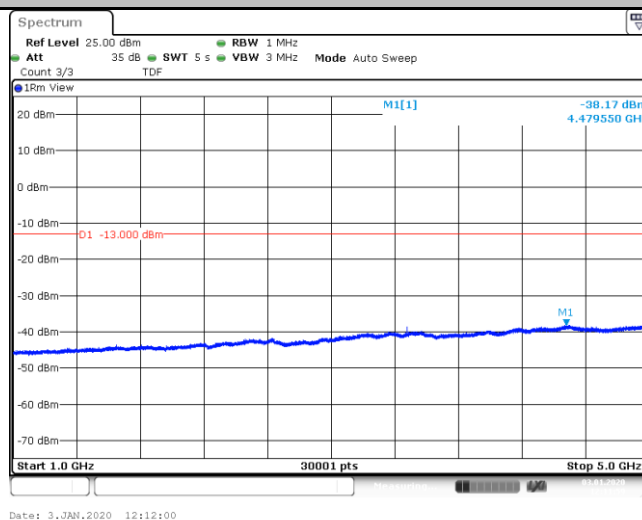
Band5_1.4MHz_16QAM_20407_6_0_Low_12000_26500_-41.64_PASS__



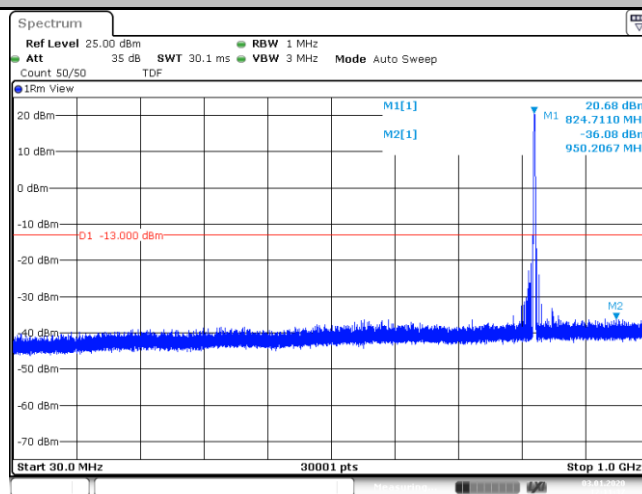
Band5_1.4MHz_16QAM_20407_6_0_Low_5000_12000_-47.76_PASS__



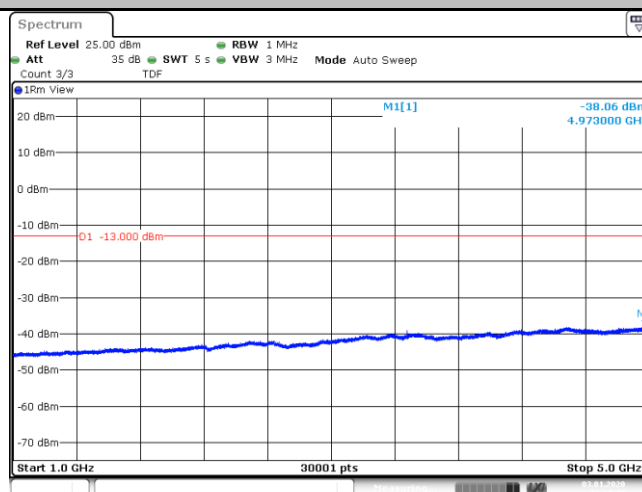
Band5_1.4MHz_16QAM_20407_6_0_Low_1000_5000_-38.17_PASS__



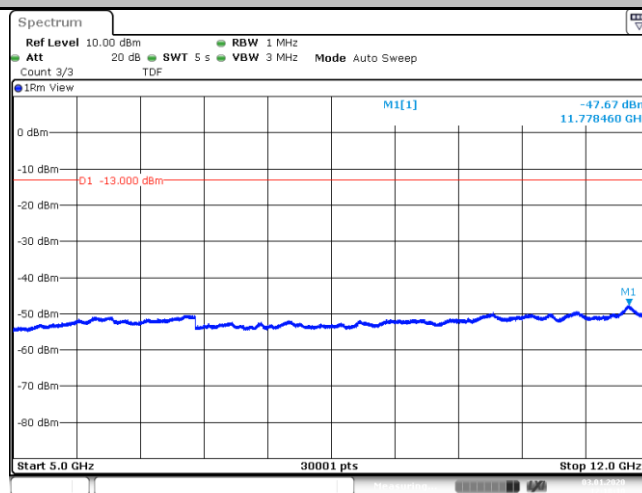
Band5_1.4MHz_16QAM_20407_6_0_Low_30_1000_-36.08_PASS_



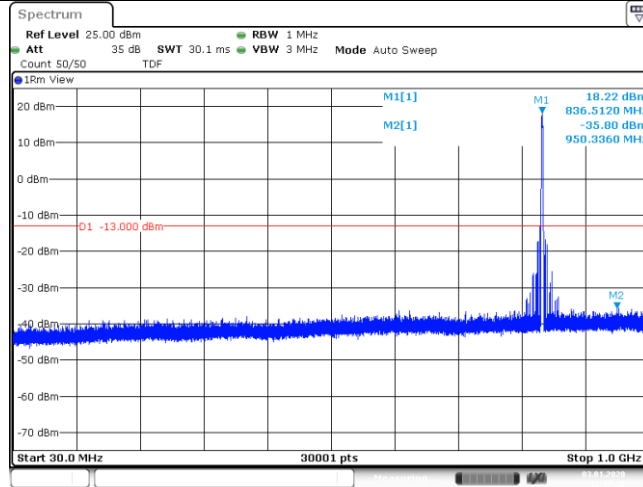
Band5_1.4MHz_16QAM_20525_6_0_Low_1000_5000_-38.06_PASS_



Band5_1.4MHz_16QAM_20525_6_0_Low_5000_12000_-47.67_PASS_

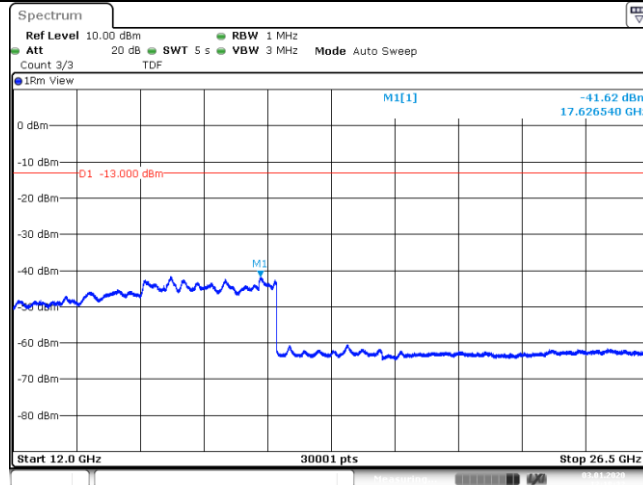


Band5_1.4MHz_16QAM_20525_6_0_Low_30_1000_-35.8_PASS__



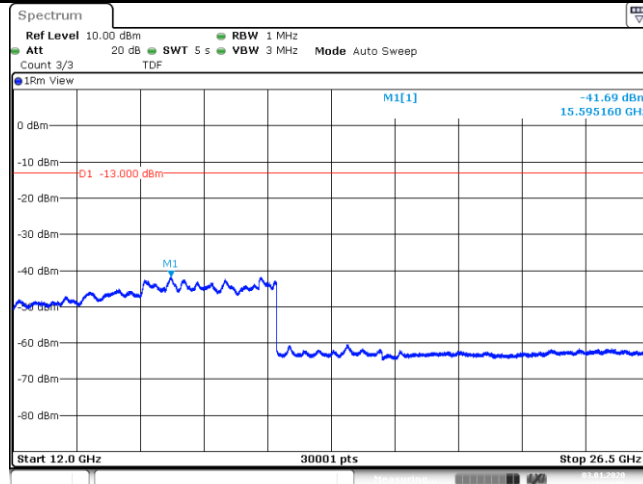
Date: 3.JAN.2020 12:17:26

Band5_1.4MHz_16QAM_20525_6_0_Low_12000_26500_-41.62_PASS__



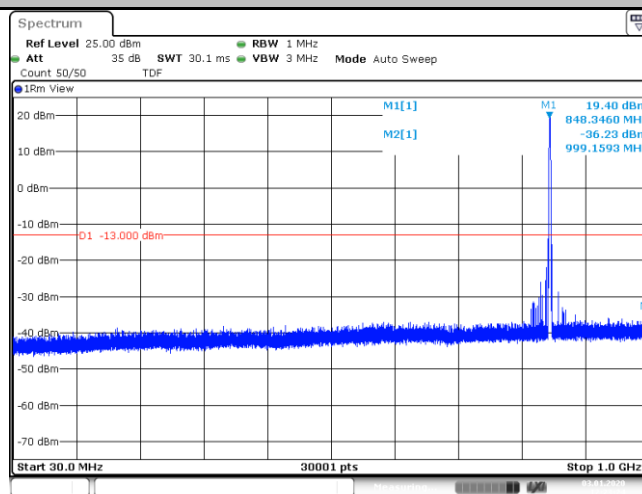
Date: 3.JAN.2020 12:18:32

Band5_1.4MHz_16QAM_20643_6_0_Low_12000_26500_-41.69_PASS__



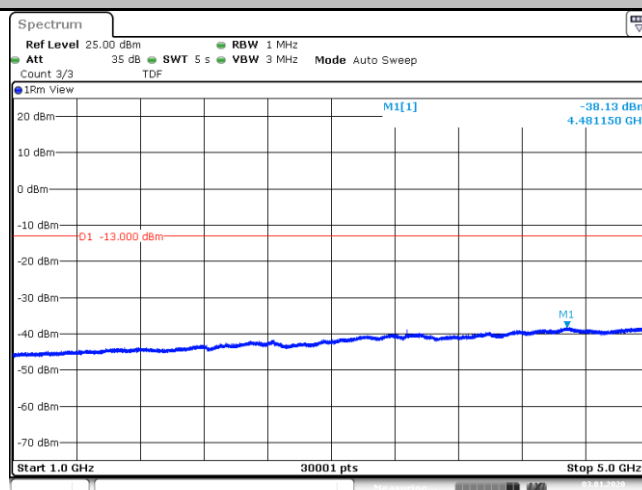
Date: 3.JAN.2020 12:24:31

Band5_1.4MHz_16QAM_20643_6_0_Low_30_1000_-36.23_PASS__



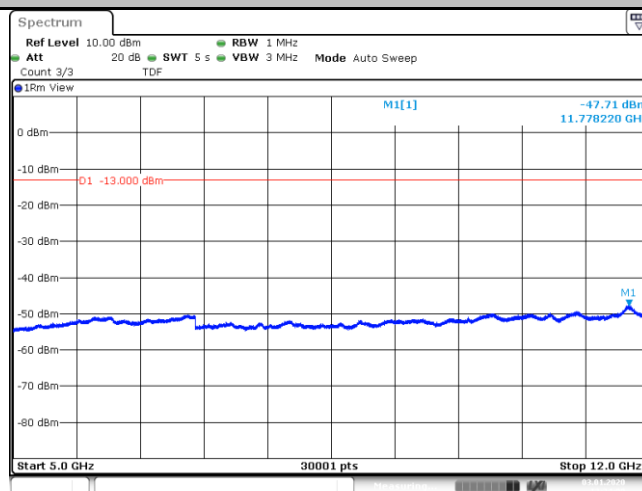
Date: 3.JAN.2020 12:23:25

Band5_1.4MHz_16QAM_20643_6_0_Low_1000_5000_-38.13_PASS__



Date: 3.JAN.2020 12:23:47

Band5_1.4MHz_16QAM_20643_6_0_Low_5000_12000_-47.71_PASS__



Date: 3.JAN.2020 12:24:09

Appendix C.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
Band5	1.4MHz	QPSK	20525	1	0	Low	HV	NT	-17.48	-0.020897	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	LV	NT	-14.26	-0.017047	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	NT	-16.19	-0.019354	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	HV	NT	-15.02	-0.017956	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	LV	NT	-14.71	-0.017585	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	NT	-15.95	-0.019068	±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
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	85	-14.19	-0.016964	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	-30	-14.75	-0.017633	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	-20	-14.75	-0.017633	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	-10	-14.09	-0.016844	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	0	-13.73	-0.016414	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	10	-12.70	-0.015182	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	20	-14.18	-0.016952	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	30	-13.32	-0.015923	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	40	-12.99	-0.015529	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	50	-14.29	-0.017083	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	60	-14.31	-0.017107	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	70	-14.73	-0.017609	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	-40	-13.93	-0.016653	±2.5	PASS
Band5	1.4MHz	QPSK	20525	1	0	Low	NV	80	-13.86	-0.016569	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	85	-13.53	-0.016175	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	-30	-13.30	-0.015900	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	-20	-13.45	-0.016079	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	-10	-13.95	-0.016677	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	0	-15.64	-0.018697	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	10	-14.83	-0.017729	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	20	-13.46	-0.016091	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	30	-11.80	-0.014106	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	40	-13.12	-0.015684	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	50	-13.05	-0.015601	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	60	-13.22	-0.015804	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	70	-14.61	-0.017466	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	80	-15.03	-0.017968	±2.5	PASS
Band5	1.4MHz	16QAM	20525	1	0	Low	NV	-40	-13.23	-0.015816	±2.5	PASS