

Appendix F: Test Results of Band 25 for eMTC operation

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Appendix F.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		
Band25	1.4MHz	QPSK	26047	1	0	Low	23.47	25.61	0.364	2	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	23.35	25.49	0.354	2	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	23.63	25.77	0.378	2	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	21.92	24.06	0.255	2	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	21.77	23.91	0.246	2	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	21.67	23.81	0.240	2	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	22.64	24.78	0.301	2	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	22.59	24.73	0.297	2	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	22.49	24.63	0.290	2	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	21.93	24.07	0.255	2	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	21.78	23.92	0.247	2	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	21.66	23.8	0.240	2	PASS
Band25	3MHz	QPSK	26055	1	0	Low	23.44	25.58	0.361	2	PASS
Band25	3MHz	QPSK	26365	1	0	Low	23.38	25.52	0.356	2	PASS
Band25	3MHz	QPSK	26675	1	5	High	23.71	25.85	0.385	2	PASS
Band25	3MHz	QPSK	26055	6	0	Low	21.86	24	0.251	2	PASS
Band25	3MHz	QPSK	26365	6	0	Low	21.81	23.95	0.248	2	PASS
Band25	3MHz	QPSK	26675	6	0	High	21.52	23.66	0.232	2	PASS
Band25	3MHz	16QAM	26055	1	0	Low	22.48	24.62	0.290	2	PASS
Band25	3MHz	16QAM	26365	1	0	Low	22.41	24.55	0.285	2	PASS
Band25	3MHz	16QAM	26675	1	5	High	22.81	24.95	0.313	2	PASS
Band25	3MHz	16QAM	26055	6	0	Low	21.85	23.99	0.251	2	PASS
Band25	3MHz	16QAM	26365	6	0	Low	21.78	23.92	0.247	2	PASS
Band25	3MHz	16QAM	26675	6	0	High	21.51	23.65	0.232	2	PASS
Band25	5MHz	QPSK	26065	1	0	Low	23.3	25.44	0.350	2	PASS
Band25	5MHz	QPSK	26365	1	0	Low	23.31	25.45	0.351	2	PASS
Band25	5MHz	QPSK	26665	1	5	High	23.72	25.86	0.385	2	PASS
Band25	5MHz	QPSK	26665	3	3	High	22.1	24.24	0.265	2	PASS
Band25	5MHz	QPSK	26065	6	0	Low	22.69	24.83	0.304	2	PASS
Band25	5MHz	QPSK	26365	6	0	Low	22.61	24.75	0.299	2	PASS
Band25	5MHz	16QAM	26065	1	0	Low	23.75	25.89	0.388	2	PASS
Band25	5MHz	16QAM	26365	1	0	Low	23.83	25.97	0.395	2	PASS
Band25	5MHz	16QAM	26665	1	5	High	23.89	26.03	0.401	2	PASS
Band25	5MHz	16QAM	26665	3	3	High	22.83	24.97	0.314	2	PASS
Band25	5MHz	16QAM	26065	6	0	Low	22.6	24.74	0.298	2	PASS
Band25	5MHz	16QAM	26365	6	0	Low	22.62	24.76	0.299	2	PASS
Band25	10MHz	QPSK	26090	1	0	Low	23.35	25.49	0.354	2	PASS
Band25	10MHz	QPSK	26365	1	0	Low	23.28	25.42	0.348	2	PASS
Band25	10MHz	QPSK	26640	1	5	High	23.73	25.87	0.386	2	PASS
Band25	10MHz	QPSK	26090	5	0	Low	22.7	24.84	0.305	2	PASS
Band25	10MHz	QPSK	26365	5	0	Low	22.62	24.76	0.299	2	PASS
Band25	10MHz	QPSK	26640	5	1	High	22.06	24.2	0.263	2	PASS
Band25	10MHz	16QAM	26090	1	0	Low	23.69	25.83	0.383	2	PASS
Band25	10MHz	16QAM	26365	1	0	Low	23.99	26.13	0.410	2	PASS
Band25	10MHz	16QAM	26640	1	5	High	23.88	26.02	0.400	2	PASS
Band25	10MHz	16QAM	26090	5	0	Low	22.35	24.49	0.281	2	PASS
Band25	10MHz	16QAM	26365	5	0	Low	22.28	24.42	0.277	2	PASS
Band25	10MHz	16QAM	26640	5	1	High	22.74	24.88	0.308	2	PASS
Band25	15MHz	QPSK	26115	1	0	Low	23.36	25.5	0.355	2	PASS
Band25	15MHz	QPSK	26365	1	0	Low	23.18	25.32	0.340	2	PASS
Band25	15MHz	QPSK	26615	1	5	High	23.71	25.85	0.385	2	PASS

Produkte
Products

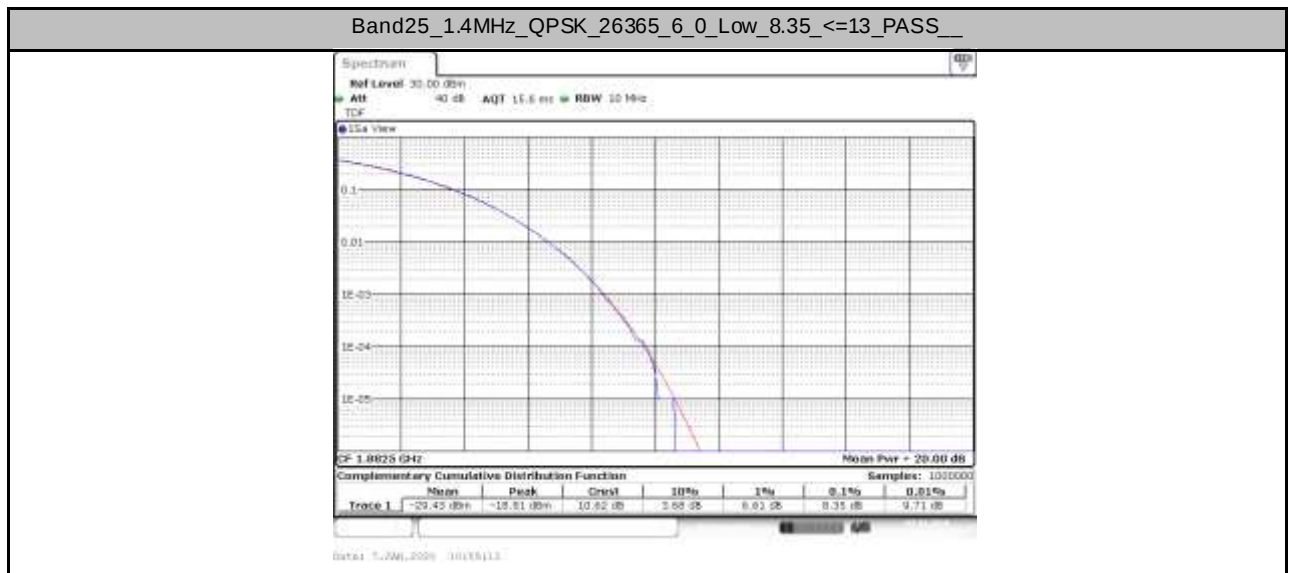
Band25	15MHz	QPSK	26115	6	0	Low	23.16	25.3	0.339	2	PASS
Band25	15MHz	QPSK	26365	6	0	Low	22.99	25.13	0.326	2	PASS
Band25	15MHz	QPSK	26615	6	0	High	23.54	25.68	0.370	2	PASS
Band25	15MHz	16QAM	26115	1	0	Low	23.91	26.05	0.403	2	PASS
Band25	15MHz	16QAM	26365	1	0	Low	23.92	26.06	0.404	2	PASS
Band25	15MHz	16QAM	26615	1	5	High	23.86	26	0.398	2	PASS
Band25	15MHz	16QAM	26115	6	0	Low	23.16	25.3	0.339	2	PASS
Band25	15MHz	16QAM	26365	6	0	Low	22.99	25.13	0.326	2	PASS
Band25	15MHz	16QAM	26615	6	0	High	23.56	25.7	0.372	2	PASS
Band25	20MHz	QPSK	26140	1	0	Low	23.32	25.46	0.352	2	PASS
Band25	20MHz	QPSK	26365	1	0	Low	23.15	25.29	0.338	2	PASS
Band25	20MHz	QPSK	26590	1	5	High	23.73	25.87	0.386	2	PASS
Band25	20MHz	QPSK	26140	6	0	Low	23.16	25.3	0.339	2	PASS
Band25	20MHz	QPSK	26365	6	0	Low	23	25.14	0.327	2	PASS
Band25	20MHz	QPSK	26590	6	0	High	23.6	25.74	0.375	2	PASS
Band25	20MHz	16QAM	26140	1	0	Low	23.87	26.01	0.399	2	PASS
Band25	20MHz	16QAM	26365	1	0	Low	23.73	25.87	0.386	2	PASS
Band25	20MHz	16QAM	26590	1	5	High	23.9	26.04	0.402	2	PASS
Band25	20MHz	16QAM	26140	6	0	Low	23.16	25.3	0.339	2	PASS
Band25	20MHz	16QAM	26365	6	0	Low	23	25.14	0.327	2	PASS
Band25	20MHz	16QAM	26590	6	0	High	23.58	25.72	0.373	2	PASS

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

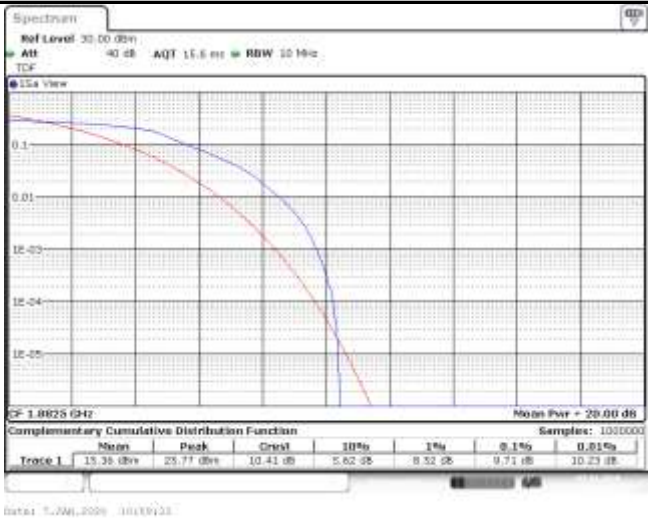
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26365	6	0	Low	8.35	<=13	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	9.71	<=13	PASS
Band25	3MHz	QPSK	26365	6	0	Low	5.33	<=13	PASS
Band25	3MHz	16QAM	26365	6	0	Low	11.39	<=13	PASS
Band25	5MHz	QPSK	26365	6	0	Low	8.64	<=13	PASS
Band25	5MHz	16QAM	26365	6	0	Low	9.13	<=13	PASS
Band25	10MHz	QPSK	26365	6	0	Low	6.43	<=13	PASS
Band25	10MHz	16QAM	26365	6	0	Low	9.16	<=13	PASS
Band25	15MHz	QPSK	26365	6	0	Low	8.49	<=13	PASS
Band25	15MHz	16QAM	26365	6	0	Low	10.55	<=13	PASS
Band25	20MHz	QPSK	26365	6	0	Low	8.46	<=13	PASS
Band25	20MHz	16QAM	26365	6	0	Low	10.32	<=13	PASS

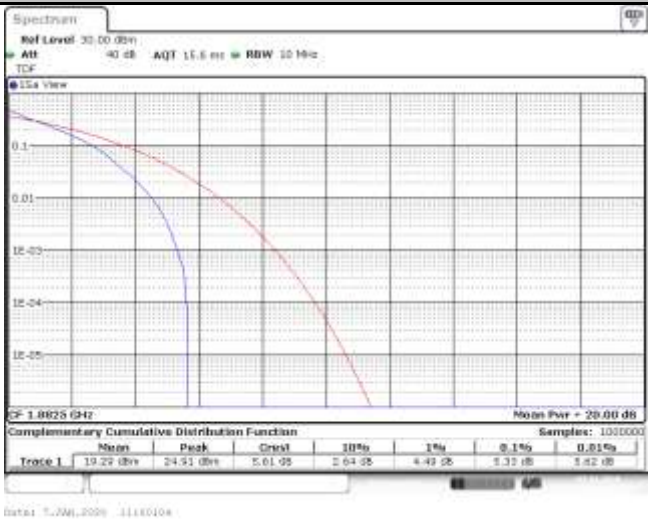
Test Graphs



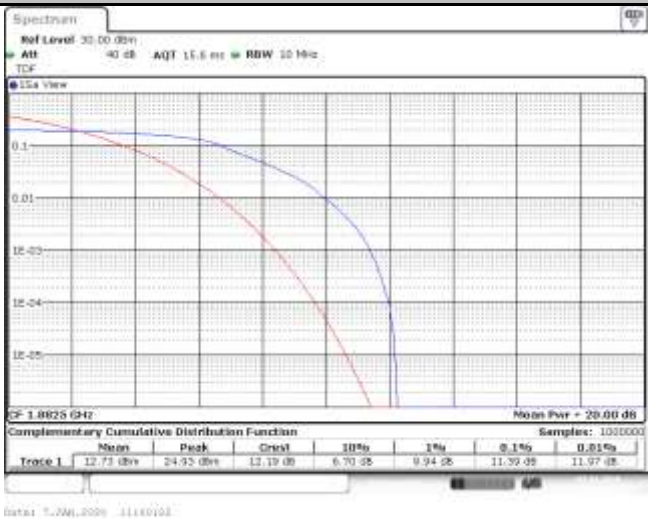
Band25_1.4MHz_16QAM_26365_6_0_Low_9.71_<=13_PASS__



Band25_3MHz_QPSK_26365_6_0_Low_5.33_<=13_PASS__



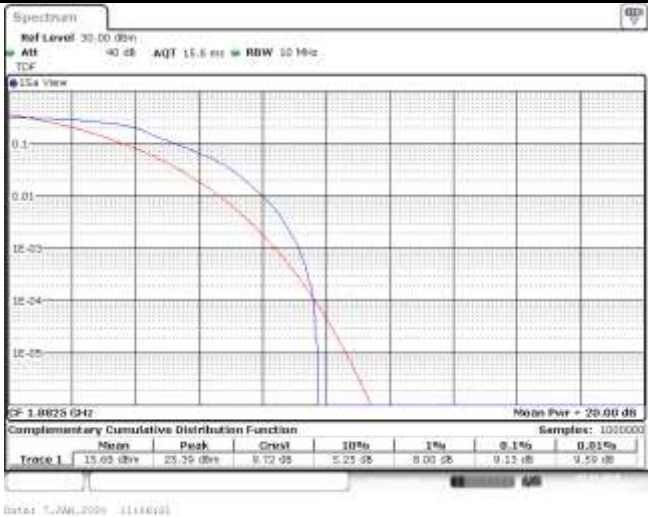
Band25_3MHz_16QAM_26365_6_0_Low_11.39_<=13_PASS__



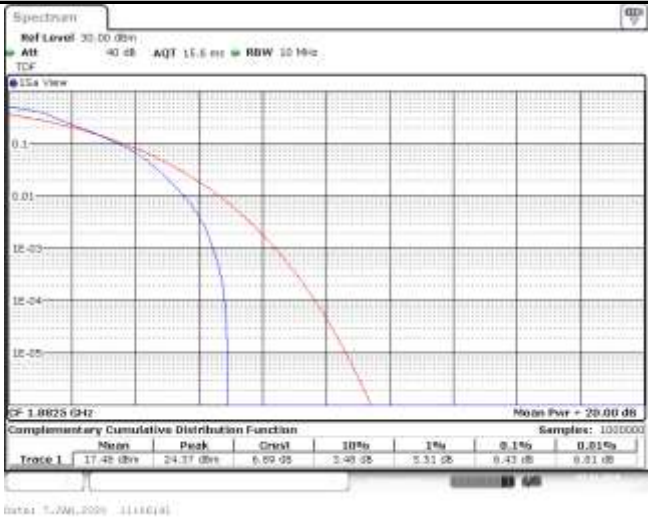
Band25_5MHz_QPSK_26365_6_0_Low_8.64_<=13_PASS_



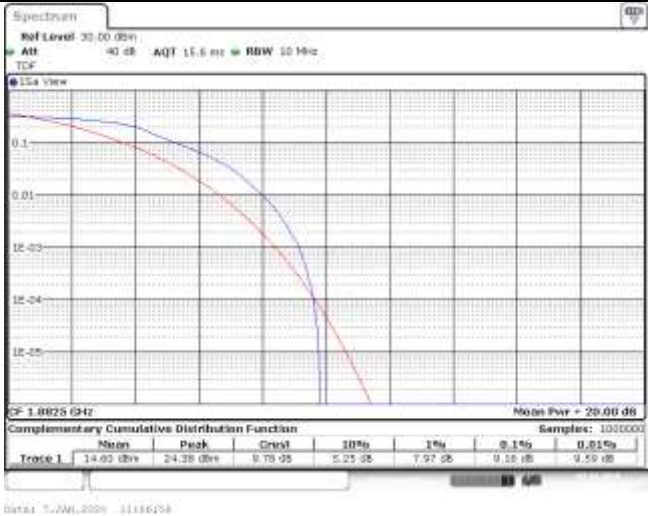
Band25_5MHz_16QAM_26365_6_0_Low_9.13_<=13_PASS_



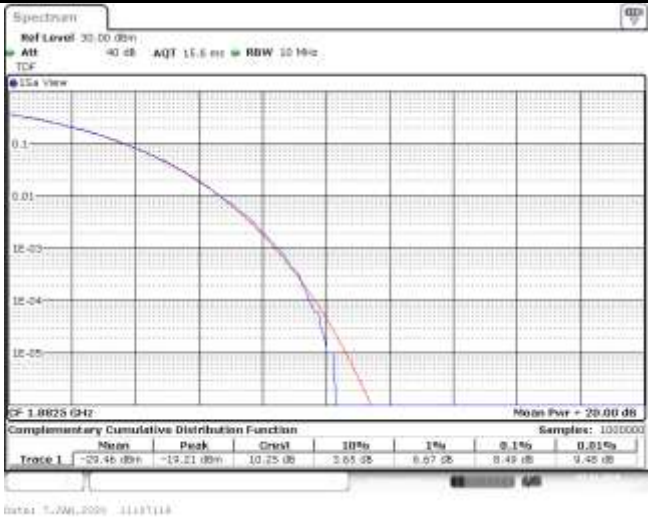
Band25_10MHz_QPSK_26365_6_0_Low_6.43_<=13_PASS_



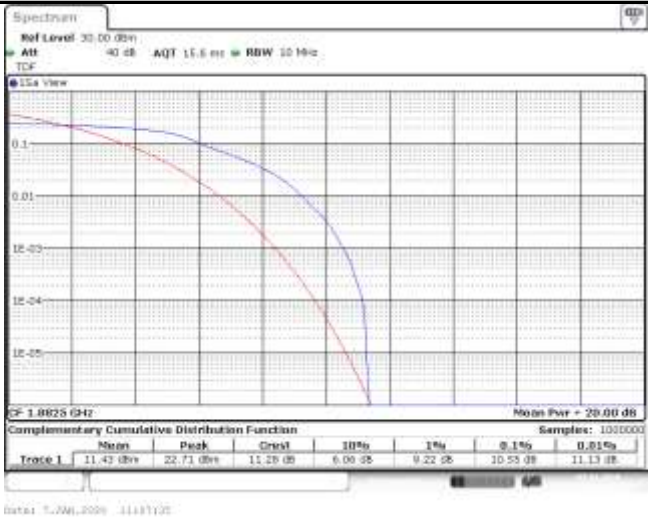
Band25_10MHz_16QAM_26365_6_0_Low_9.16_<=13_PASS__



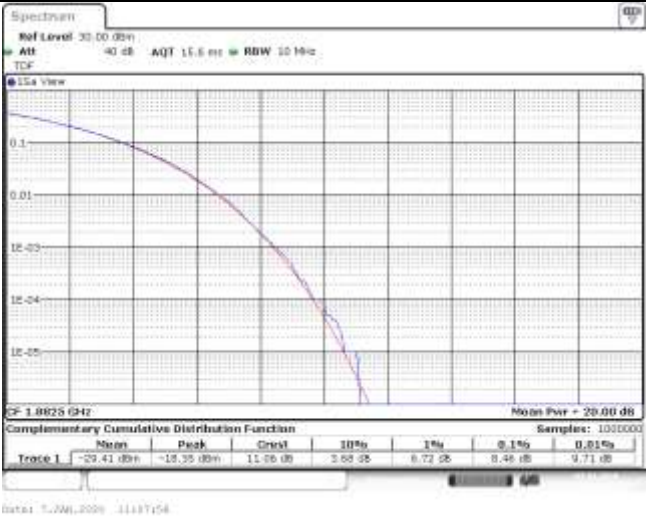
Band25_15MHz_QPSK_26365_6_0_Low_8.49_<=13_PASS__



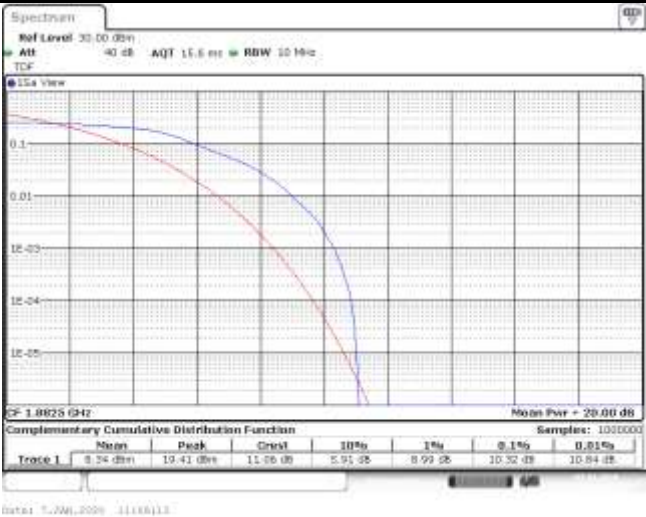
Band25_15MHz_16QAM_26365_6_0_Low_10.55_<=13_PASS__



Band25_20MHz_QPSK_26365_6_0_Low_8.46_<=13_PASS__



Band25_20MHz_16QAM_26365_6_0_Low_10.32_<=13_PASS__



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

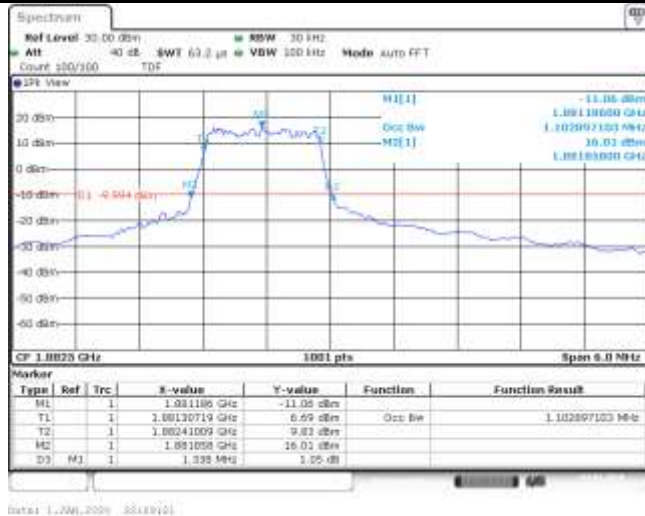
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26365	6	0	Low	1.094	1.278	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	1.103	1.323	PASS
Band25	3MHz	QPSK	26365	6	0	Low	1.103	1.338	PASS
Band25	3MHz	16QAM	26365	6	0	Low	1.109	1.332	PASS
Band25	5MHz	QPSK	26365	6	0	Low	1.099	1.330	PASS
Band25	5MHz	16QAM	26365	6	0	Low	1.109	1.330	PASS
Band25	10MHz	QPSK	26365	6	0	Low	1.099	1.320	PASS
Band25	10MHz	16QAM	26365	6	0	Low	1.099	1.320	PASS
Band25	15MHz	QPSK	26365	6	0	Low	1.109	1.350	PASS
Band25	15MHz	16QAM	26365	6	0	Low	1.109	1.350	PASS
Band25	20MHz	QPSK	26365	6	0	Low	1.119	1.400	PASS
Band25	20MHz	16QAM	26365	6	0	Low	1.119	1.400	PASS

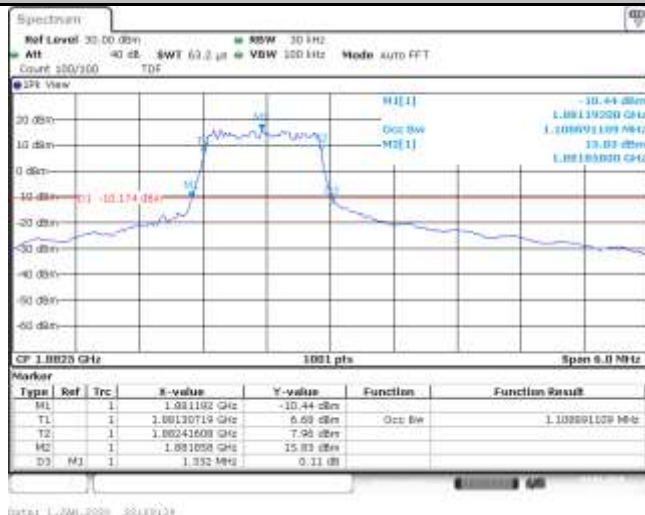
Test Graphs



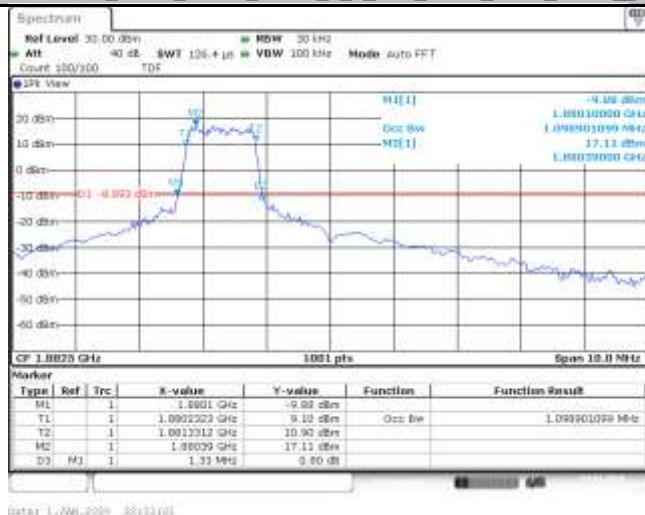
Band25_3MHz_QPSK_26365_6_0_Low_1.103_1.338_PASS



Band25_3MHz_16QAM_26365_6_0_Low_1.109_1.332_PASS



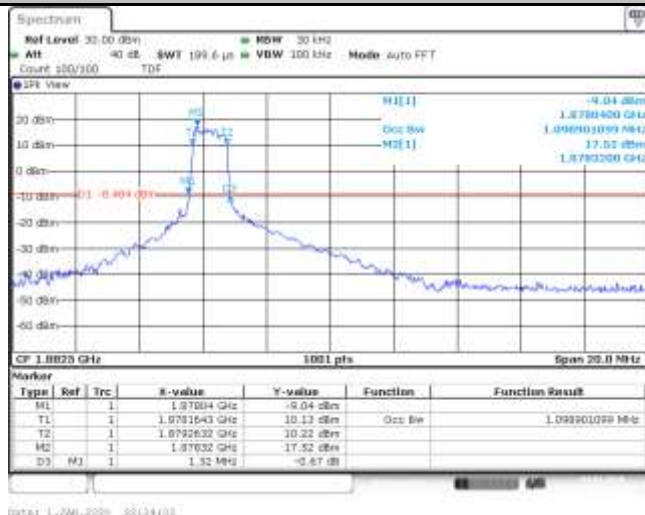
Band25_5MHz_QPSK_26365_6_0_Low_1.099_1.330_PASS



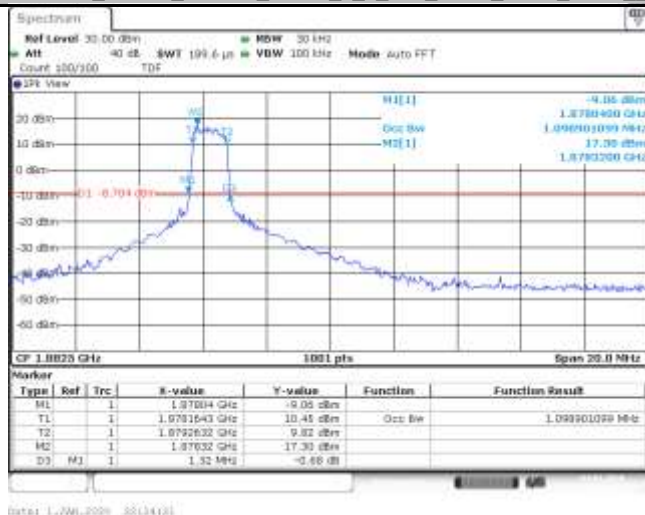
Band25_5MHz_16QAM_26365_6_0_Low_1.109_1.330_PASS



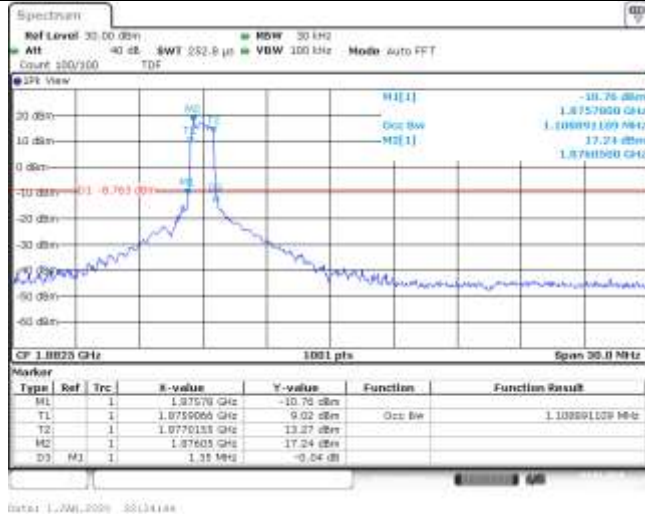
Band25_10MHz_QPSK_26365_6_0_Low_1.099_1.320_PASS



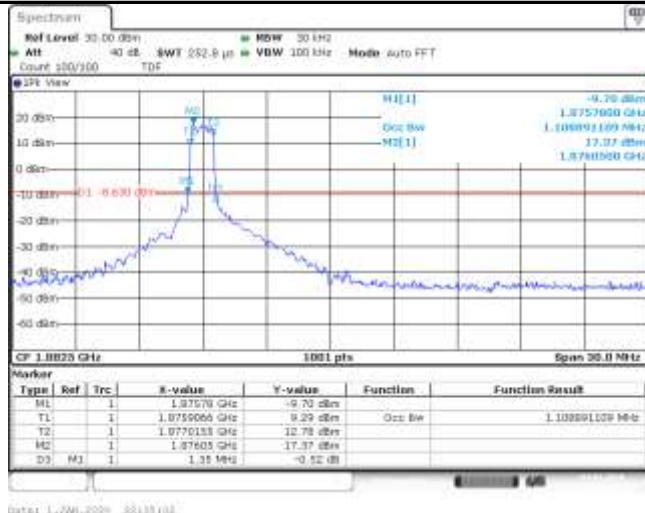
Band25_10MHz_16QAM_26365_6_0_Low_1.099_1.320_PASS



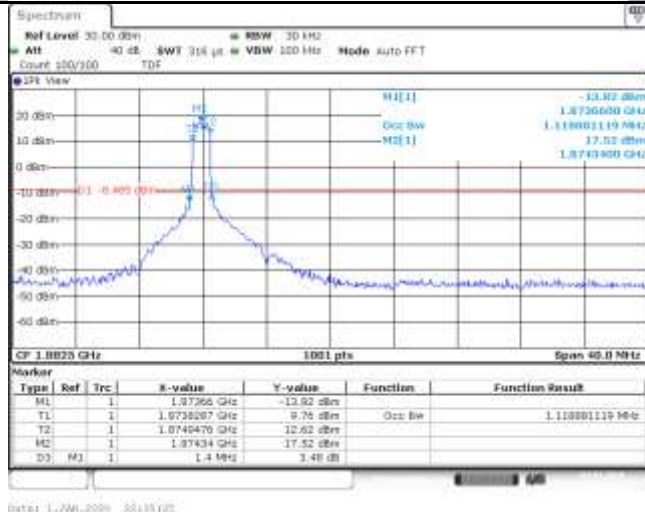
Band25_15MHz_QPSK_26365_6_0_Low_1.109_1.350_PASS

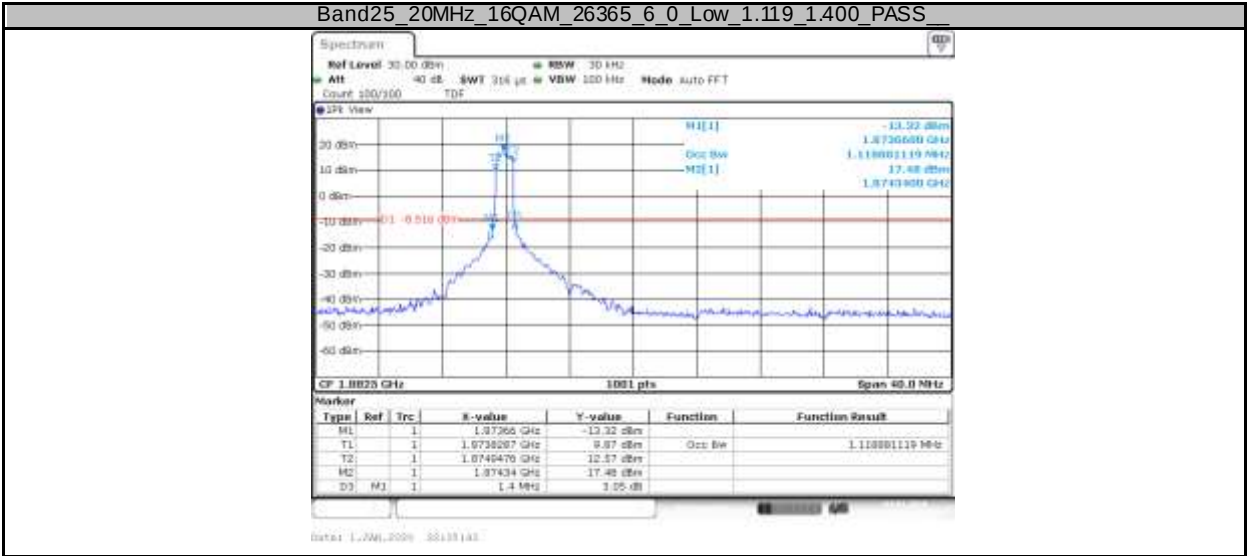


Band25_15MHz_16QAM_26365_6_0_Low_1.109_1.350_PASS



Band25_20MHz_QPSK_26365_6_0_Low_1.119_1.400_PASS



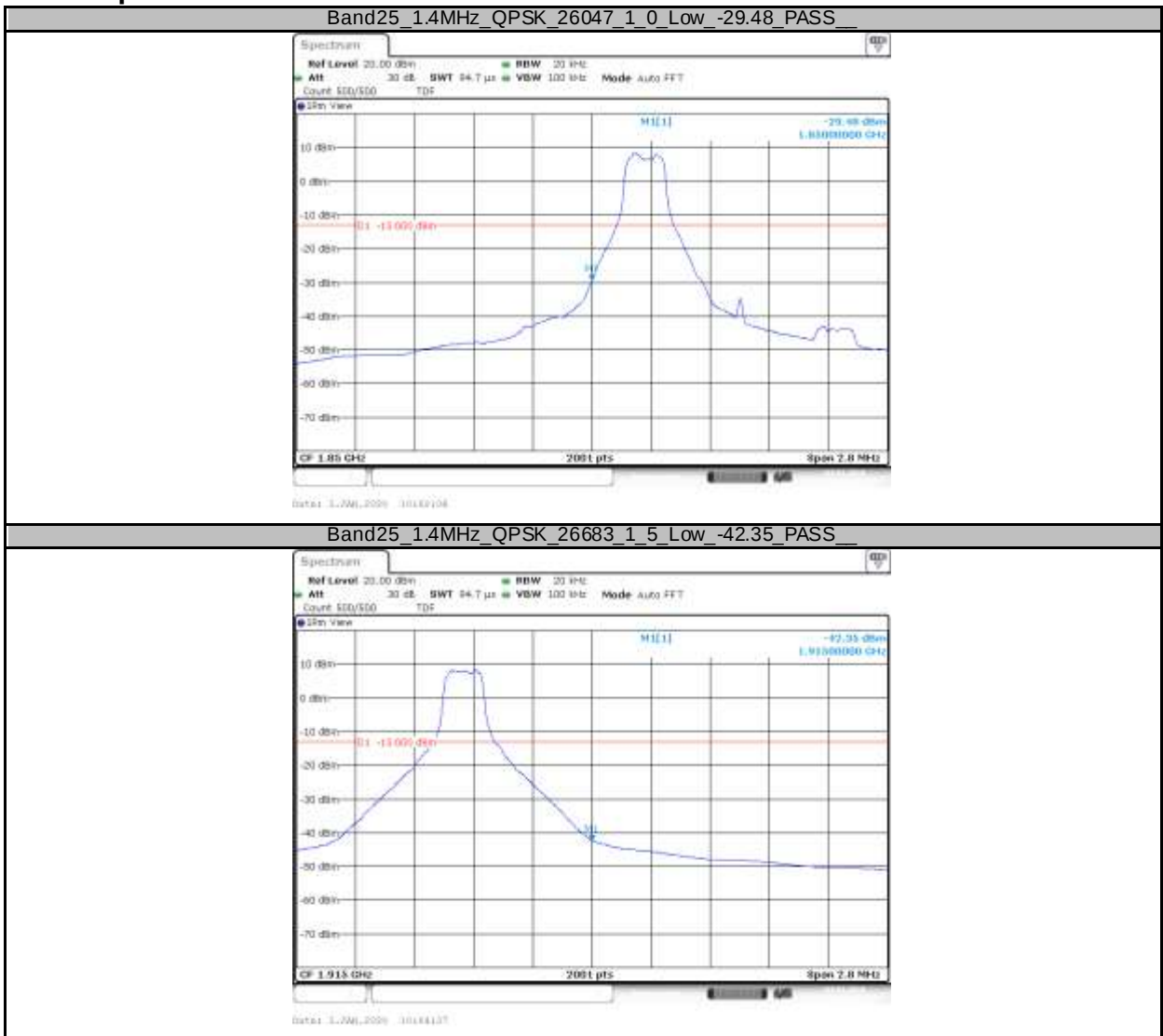


Appendix F.4: Band Edge for M1

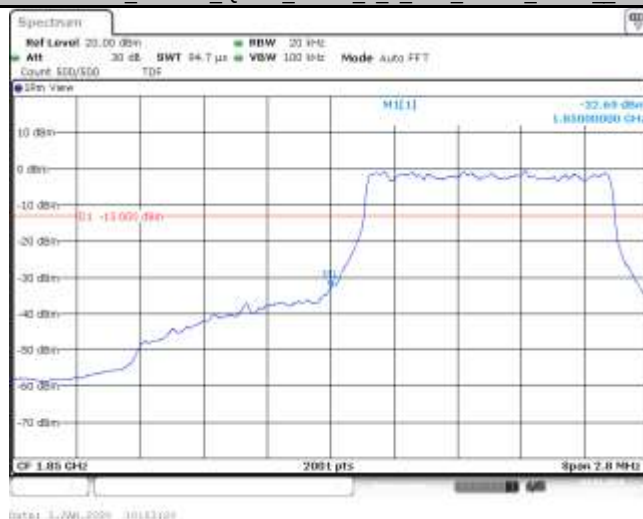
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1	0	Low	-29.48	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	-42.35	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	-32.69	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	-34.13	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	-31.43	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	-41.11	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	-32.45	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	-34.03	PASS

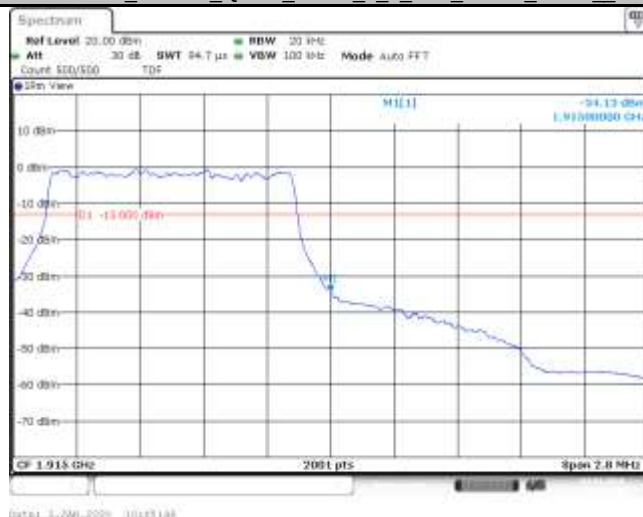
Test Graphs



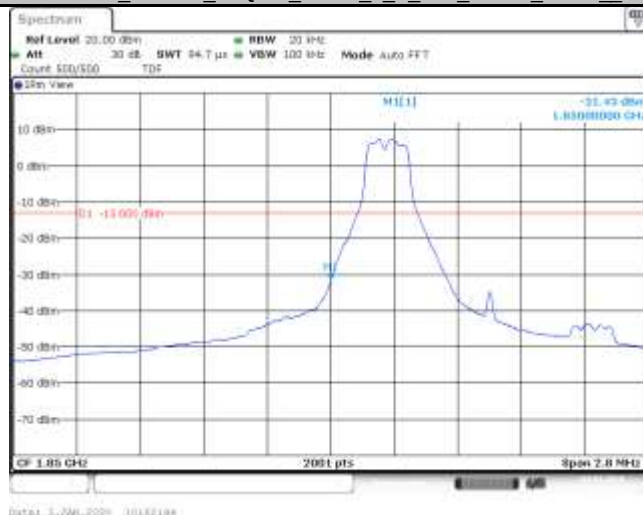
Band25_1.4MHz_QPSK_26047_6_0_Low_-32.69_PASS



Band25_1.4MHz_QPSK_26683_6_0_Low_-34.13_PASS



Band25_1.4MHz_16QAM_26047_1_0_Low_-31.43_PASS





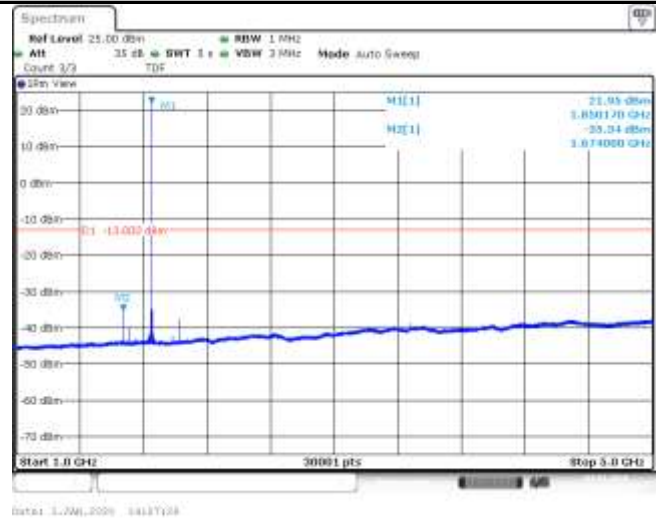
Appendix F.5: Conducted Spurious Emission for M1

Test Result

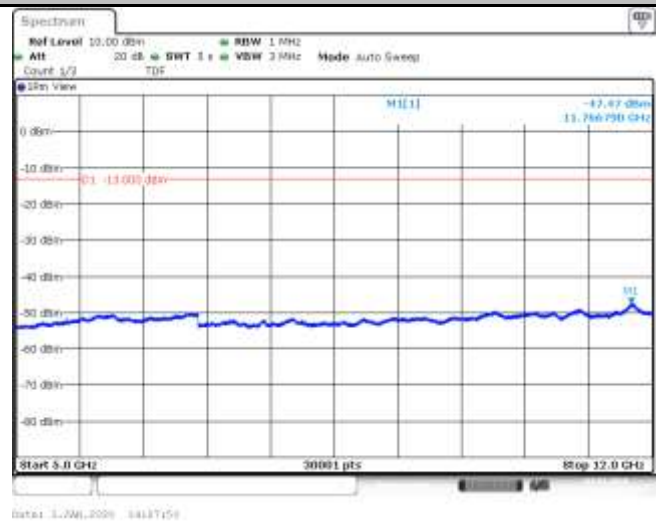
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1	0	Low	1000	5000	-35.34	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	5000	12000	-47.47	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	12000	26500	-41.28	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	30	1000	-35	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	5000	12000	-47.47	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	1000	5000	-35.33	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	30	1000	-35.44	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	12000	26500	-41.31	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	5000	12000	-47.3	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	1000	5000	-34.4	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	12000	26500	-41.32	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	30	1000	-35.32	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	5000	12000	-47.4	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	12000	26500	-41.41	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	1000	5000	-37.38	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	30	1000	-35.9	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	30	1000	-35.7	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	5000	12000	-47.46	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	1000	5000	-37.46	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	12000	26500	-41.24	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	30	1000	-35.33	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	1000	5000	-37.71	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	5000	12000	-47.52	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	12000	26500	-41.33	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	30	1000	-35.94	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	1000	5000	-36.07	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	12000	26500	-41.49	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	5000	12000	-47.42	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	1000	5000	-35.8	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	12000	26500	-41.39	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	30	1000	-35.3	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	5000	12000	-47.48	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	12000	26500	-41.26	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	5000	12000	-47.55	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	1000	5000	-34.38	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	30	1000	-34.8	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	12000	26500	-41.31	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	5000	12000	-47.54	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	1000	5000	-37.37	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	30	1000	-35.19	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	1000	5000	-37.51	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	5000	12000	-47.43	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	30	1000	-35.2	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	12000	26500	-41.28	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	12000	26500	-41.34	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	30	1000	-35.48	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	1000	5000	-37.17	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	5000	12000	-47.22	PASS

Test Graphs

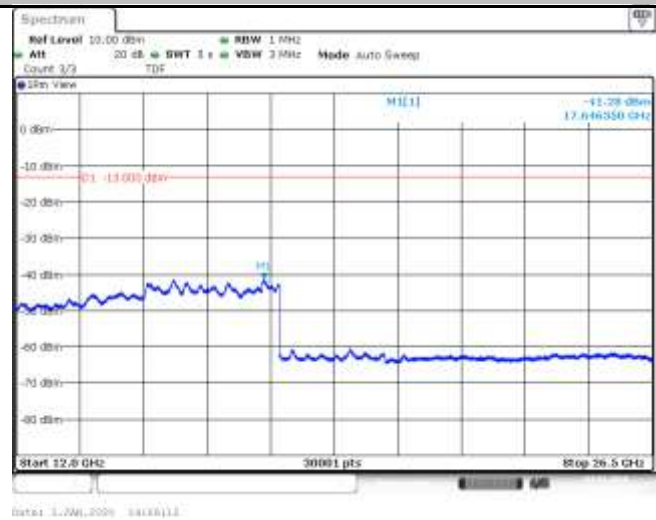
Band25_1.4MHz_QPSK_26047_1_0_Low_1000_5000_-35.34_PASS__



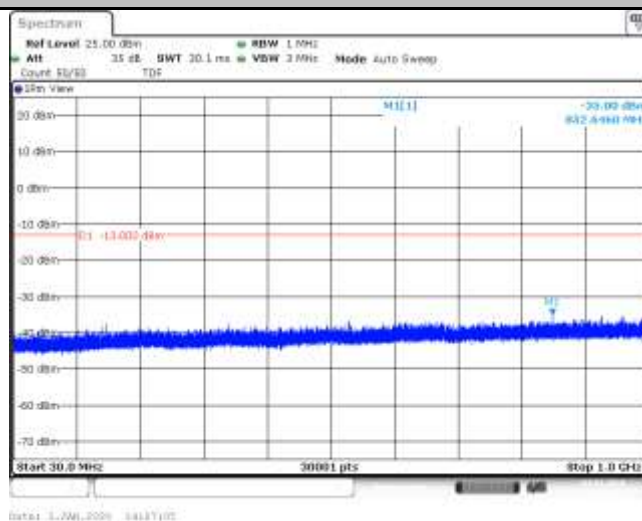
Band25_1.4MHz_QPSK_26047_1_0_Low_5000_12000_-47.47_PASS__



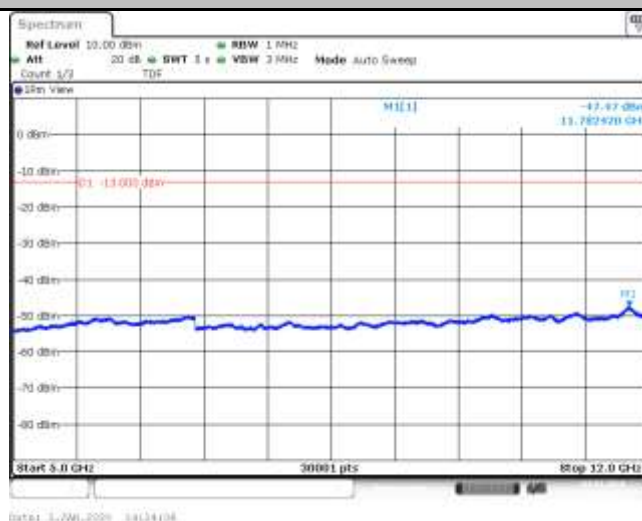
Band25_1.4MHz_QPSK_26047_1_0_Low_12000_26500_-41.28_PASS__



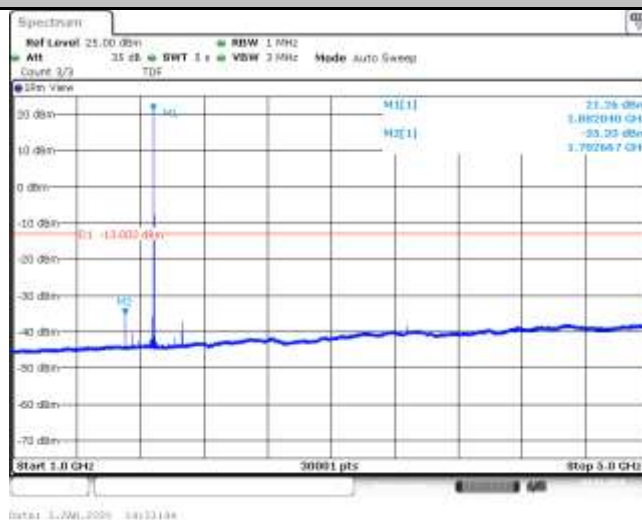
Band25_1.4MHz_QPSK_26047_1_0_Low_30_1000_-35_PASS



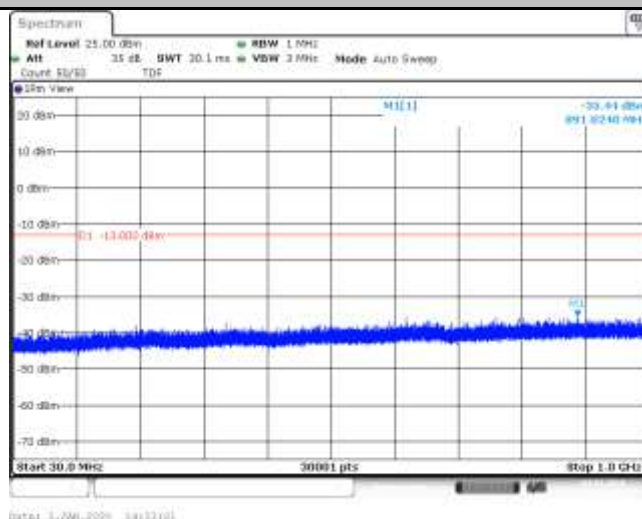
Band25_1.4MHz_QPSK_26365_1_0_Low_5000_12000_-47.47_PASS



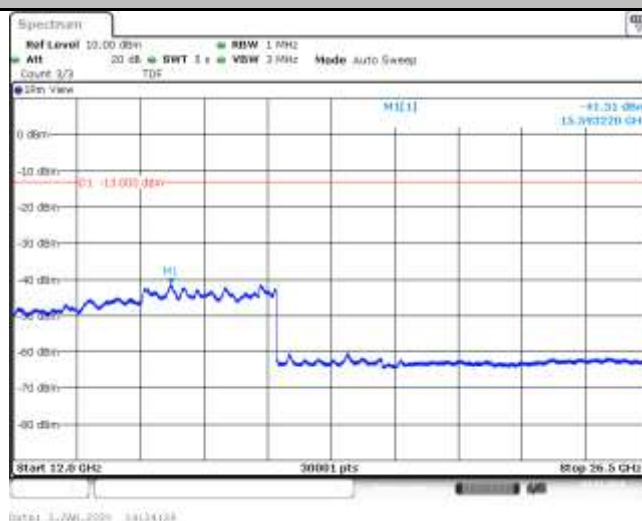
Band25_1.4MHz_QPSK_26365_1_0_Low_1000_5000_-35.33_PASS



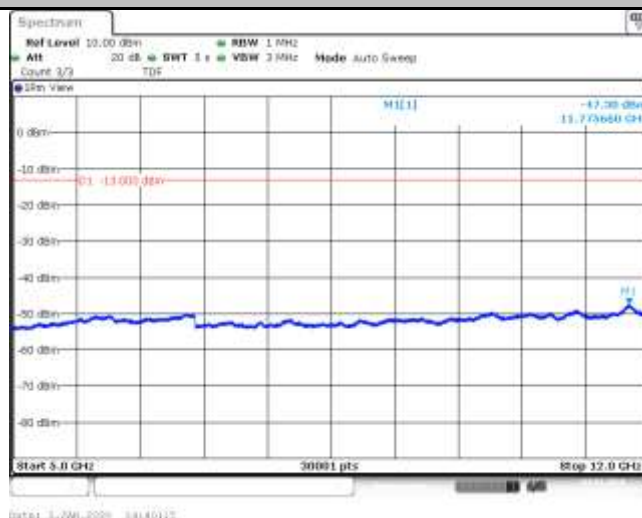
Band25_1.4MHz_QPSK_26365_1_0_Low_30_1000_-35.44_PASS__



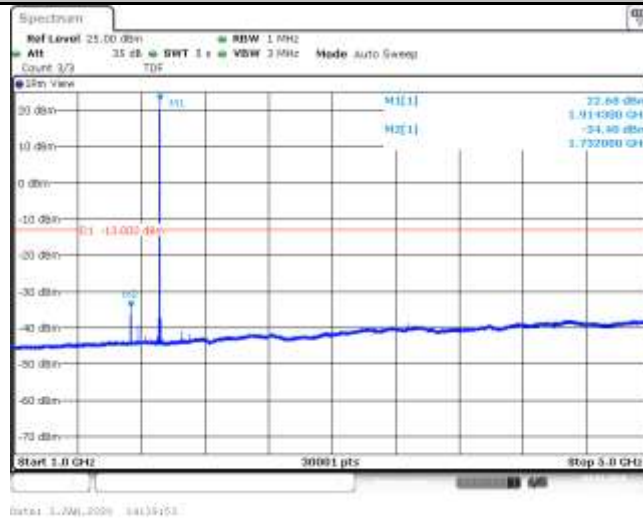
Band25_1.4MHz_QPSK_26365_1_0_Low_12000_26500_-41.31_PASS__



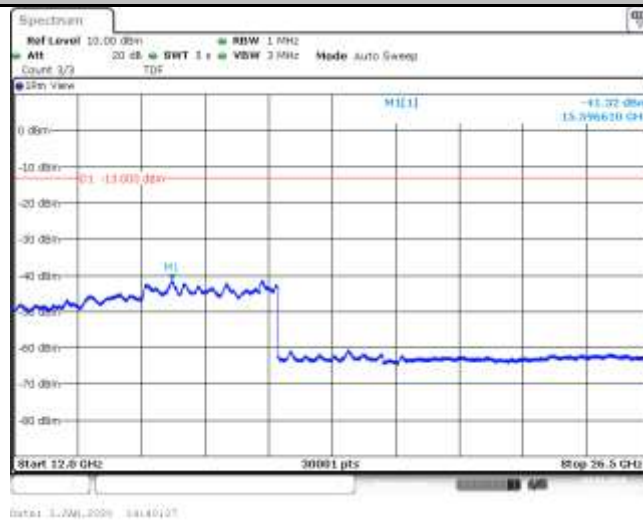
Band25_1.4MHz_QPSK_26683_1_5_Low_5000_12000_-47.3_PASS__



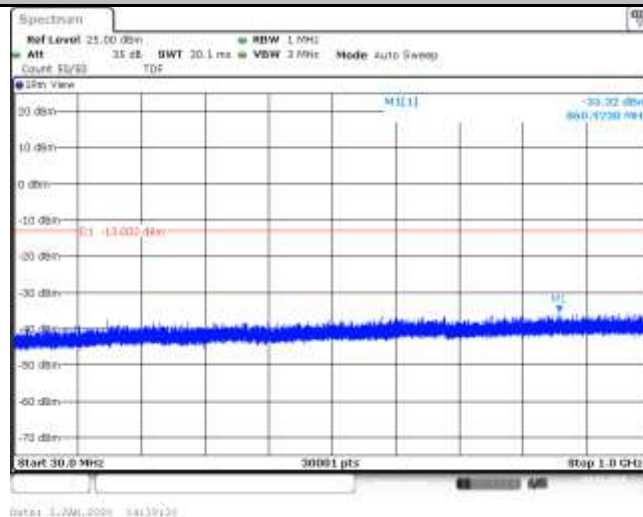
Band25_1.4MHz_QPSK_26683_1_5_Low_1000_5000_-34.4_PASS__



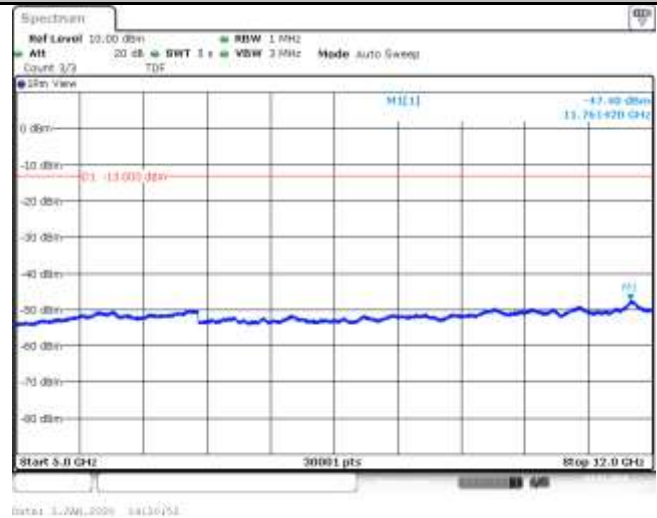
Band25_1.4MHz_QPSK_26683_1_5_Low_12000_26500_-41.32_PASS__



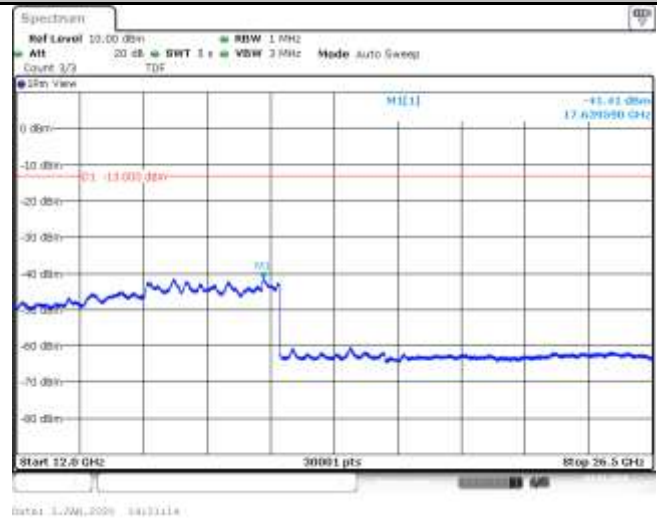
Band25_1.4MHz_QPSK_26683_1_5_Low_30_1000_-35.32_PASS__



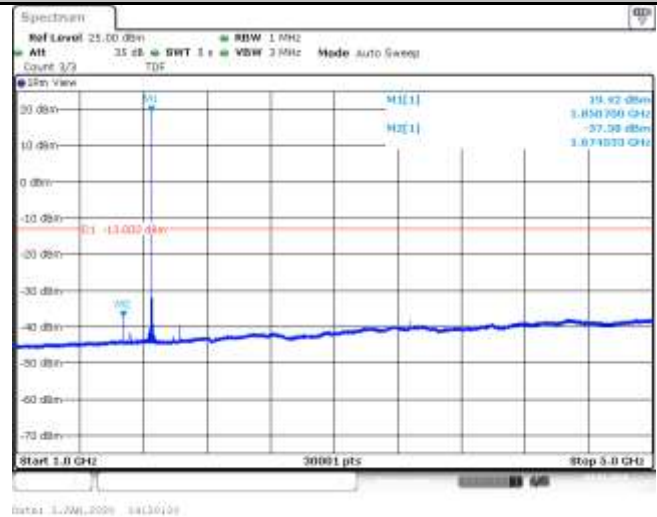
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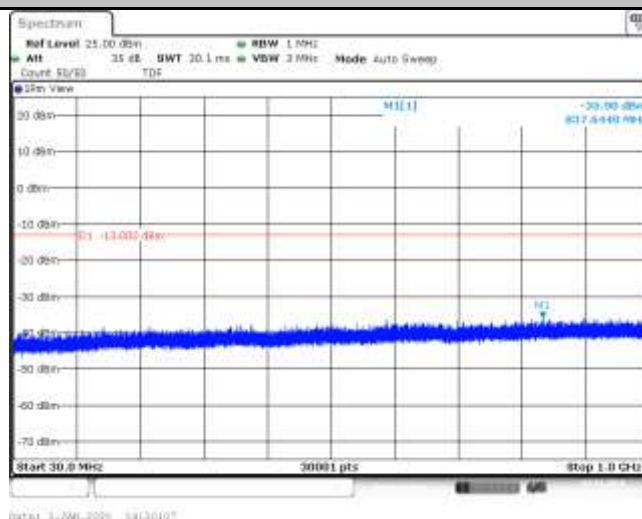
Band25_1.4MHz_QPSK_26047_6_0_Low_12000_26500_-41.41_PASS__



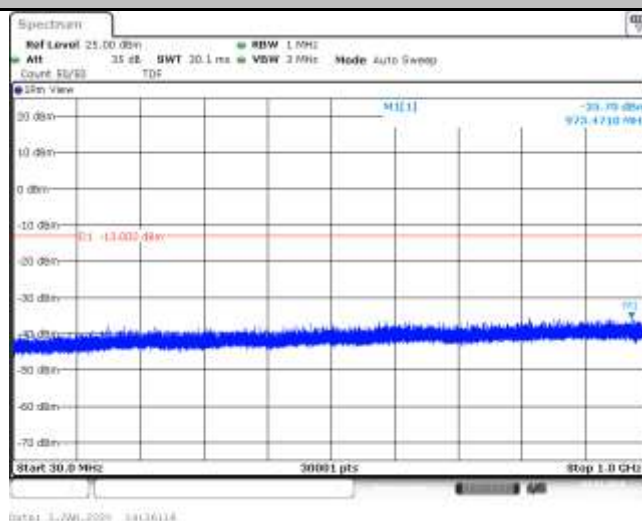
Band25_1.4MHz_QPSK_26047_6_0_Low_1000_5000_-37.38_PASS__



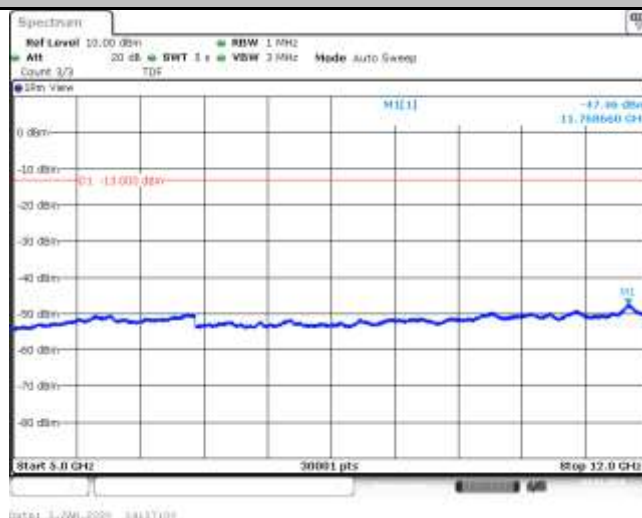
Band25_1.4MHz_QPSK_26047_6_0_Low_30_1000_-35.9_PASS__



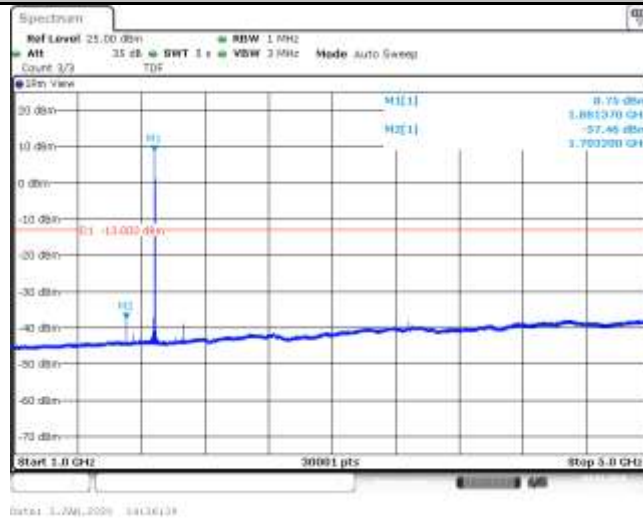
Band25_1.4MHz_QPSK_26365_6_0_Low_30_1000_-35.7_PASS__



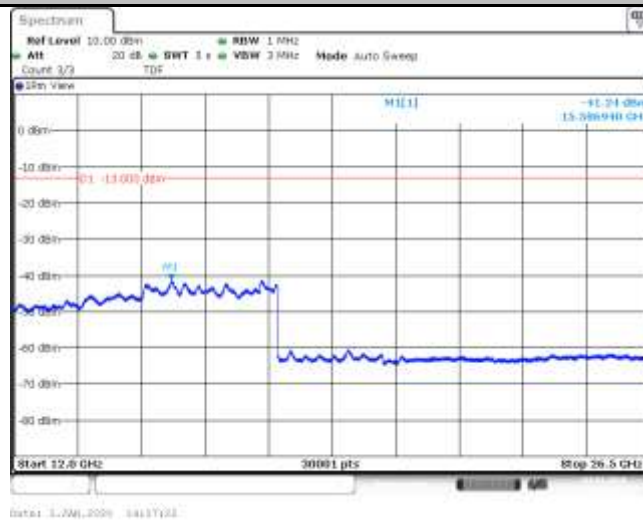
Band25_1.4MHz_QPSK_26365_6_0_Low_5000_12000_-47.46_PASS__



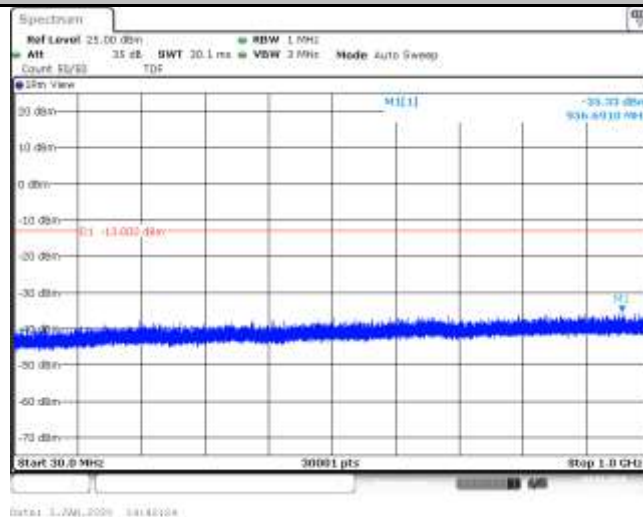
Band25_1.4MHz_QPSK_26365_6_0_Low_1000_5000_-37.46_PASS__



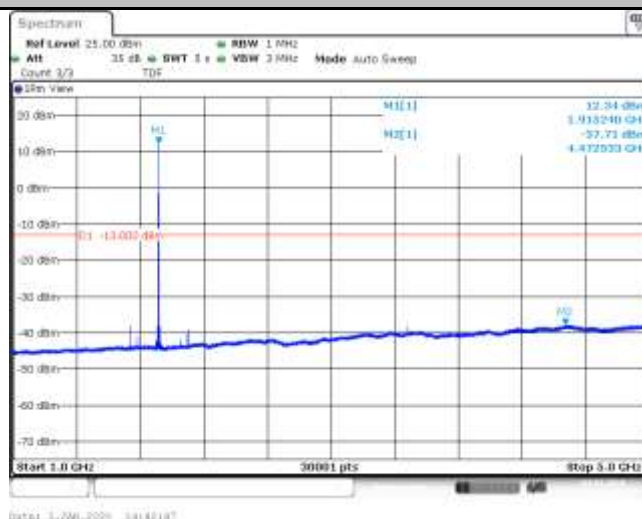
Band25_1.4MHz_QPSK_26365_6_0_Low_12000_26500_-41.24_PASS__



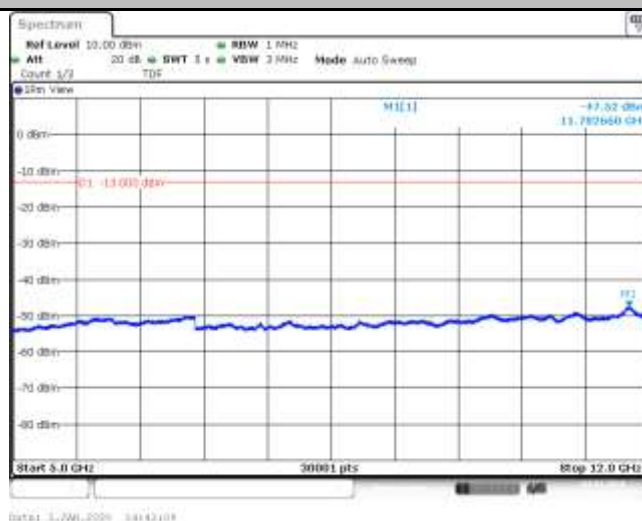
Band25_1.4MHz_QPSK_26683_6_0_Low_30_1000_-35.33_PASS__



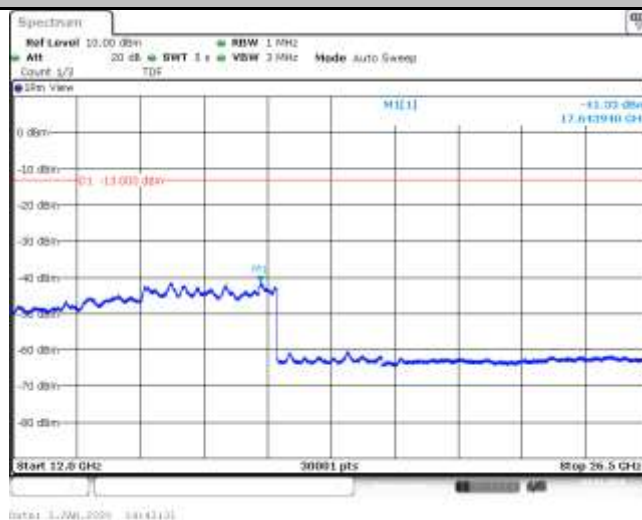
Band25_1.4MHz_QPSK_26683_6_0_Low_1000_5000_-37.71_PASS__



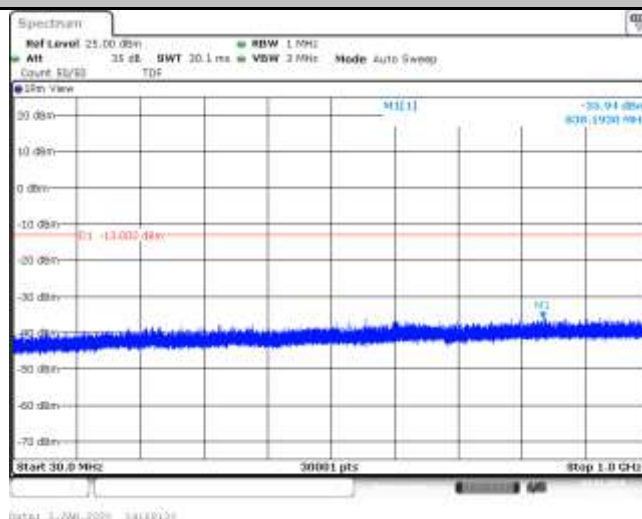
Band25_1.4MHz_QPSK_26683_6_0_Low_5000_12000_-47.52_PASS__



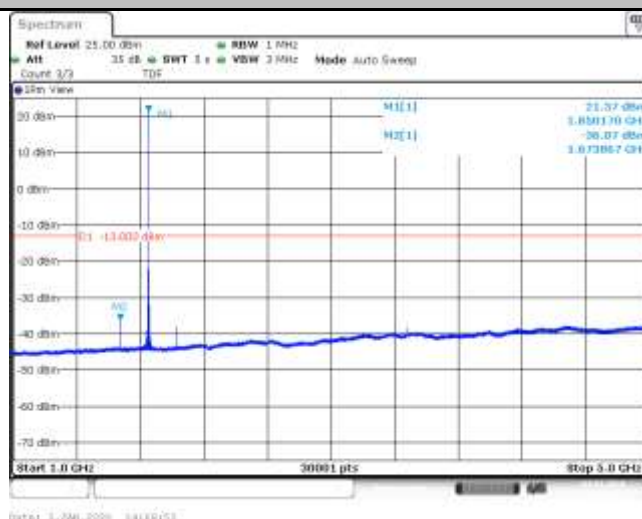
Band25_1.4MHz_QPSK_26683_6_0_Low_12000_26500_-41.33_PASS__



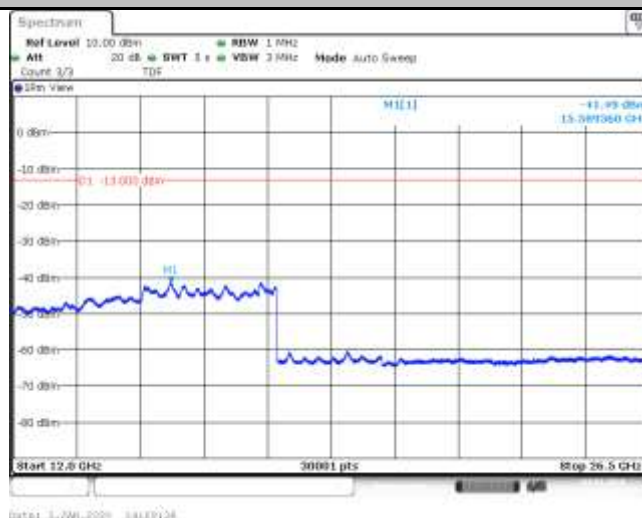
Band25_1.4MHz_16QAM_26047_1_0_Low_30_1000_-35.94_PASS__



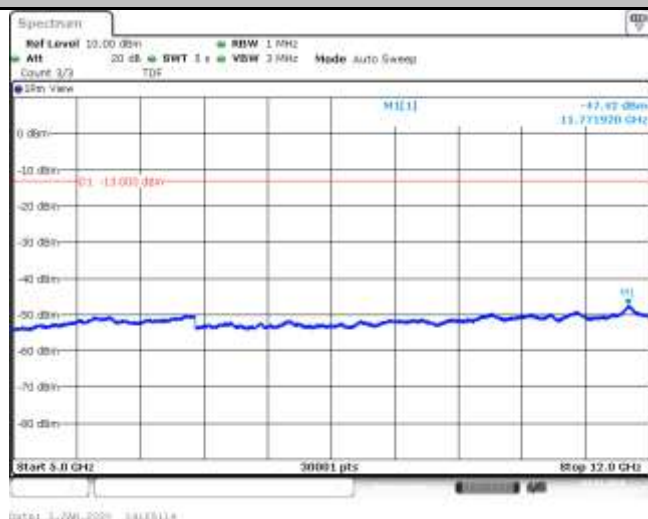
Band25_1.4MHz_16QAM_26047_1_0_Low_1000_5000_-36.07_PASS__



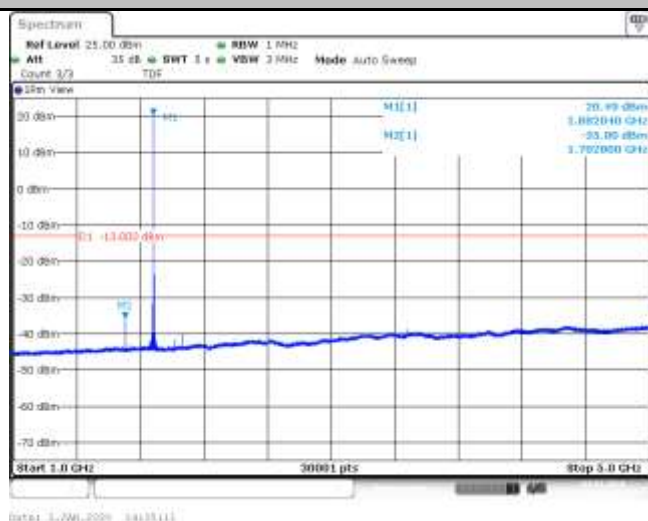
Band25_1.4MHz_16QAM_26047_1_0_Low_12000_26500_-41.49_PASS__



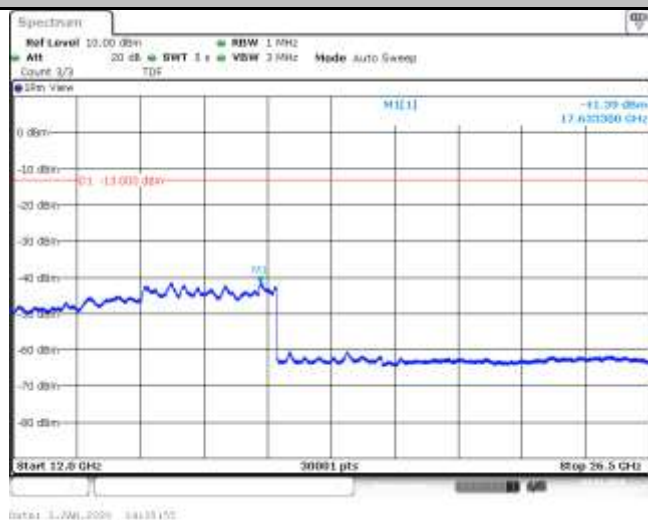
Band25_1.4MHz_16QAM_26047_1_0_Low_5000_12000_-47.42_PASS__



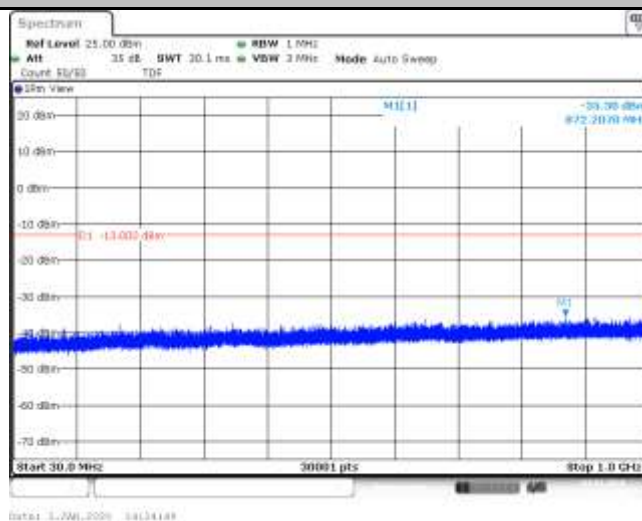
Band25_1.4MHz_16QAM_26365_1_0_Low_1000_5000_-35.8_PASS__



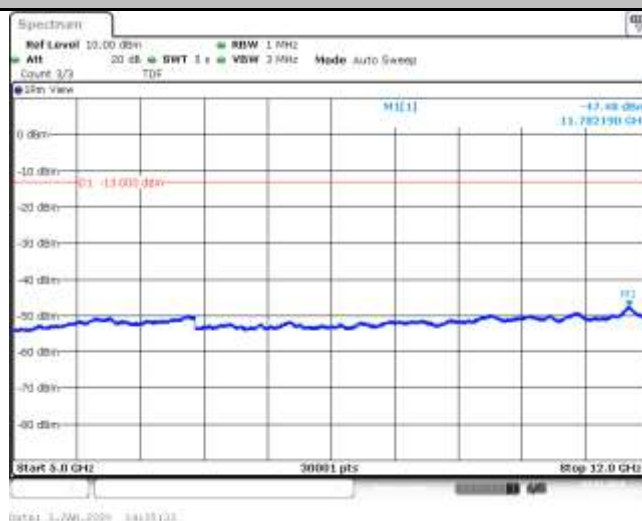
Band25_1.4MHz_16QAM_26365_1_0_Low_12000_26500_-41.39_PASS__



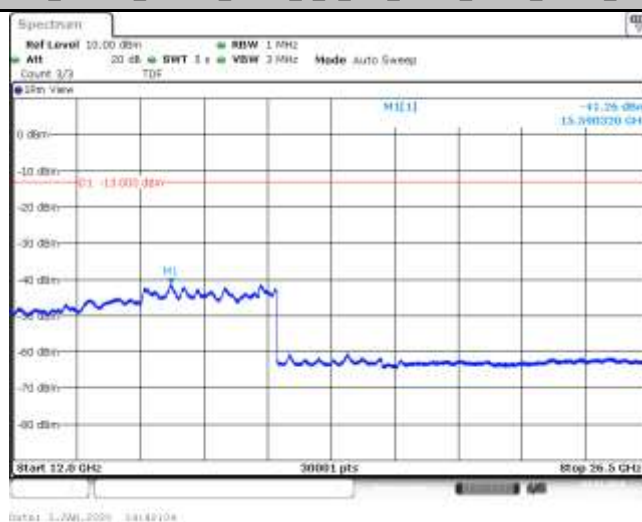
Band25_1.4MHz_16QAM_26365_1_0_Low_30_1000_-35.3_PASS__



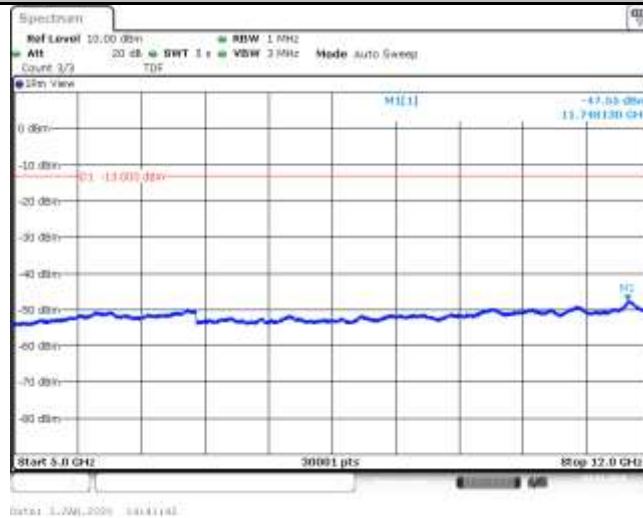
Band25_1.4MHz_16QAM_26365_1_0_Low_5000_12000_-47.48_PASS__



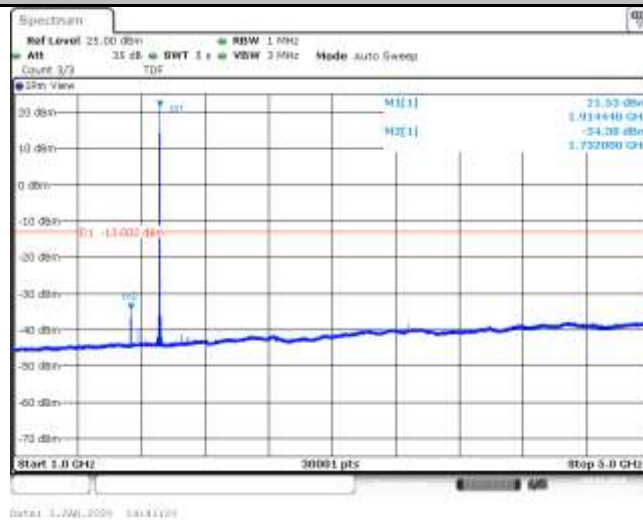
Band25_1.4MHz_16QAM_26683_1_5_Low_12000_26500_-41.26_PASS__



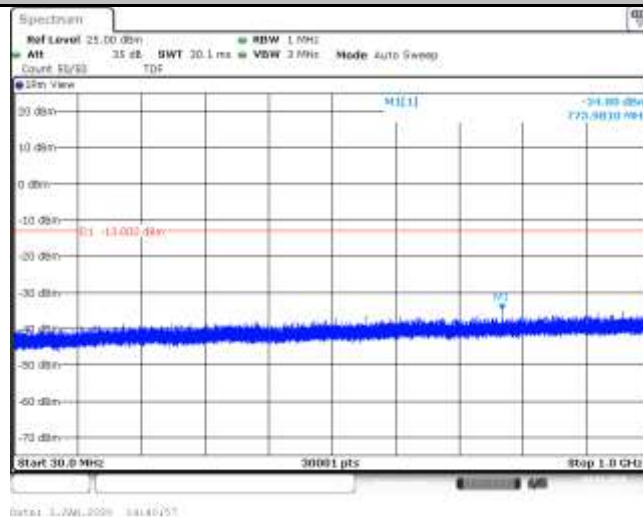
Band25_1.4MHz_16QAM_26683_1_5_Low_5000_12000_-47.55_PASS__



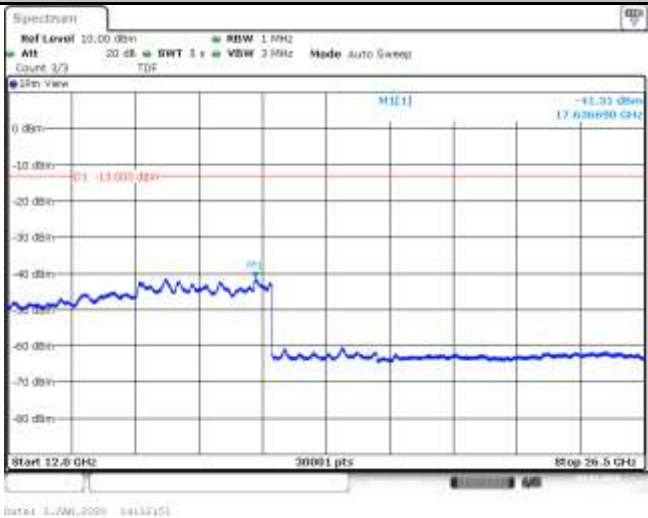
Band25_1.4MHz_16QAM_26683_1_5_Low_1000_5000_-34.38_PASS__



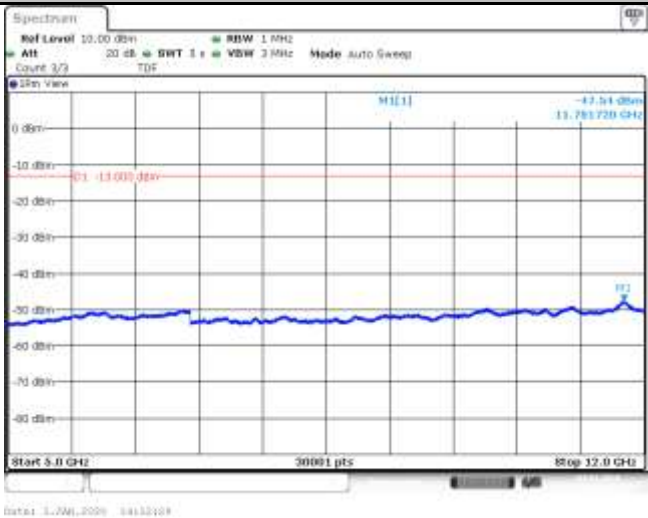
Band25_1.4MHz_16QAM_26683_1_5_Low_30_1000_-34.8_PASS__



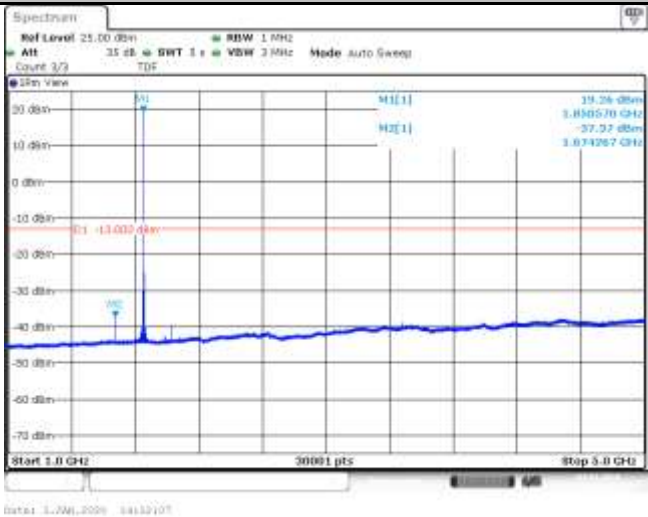
Band25_1.4MHz_16QAM_26047_6_0_Low_12000_26500_-41.31_PASS__



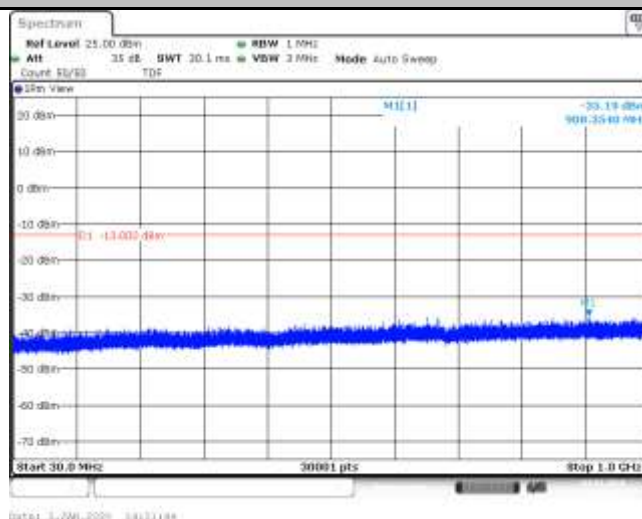
Band25_1.4MHz_16QAM_26047_6_0_Low_5000_12000_-47.54_PASS__



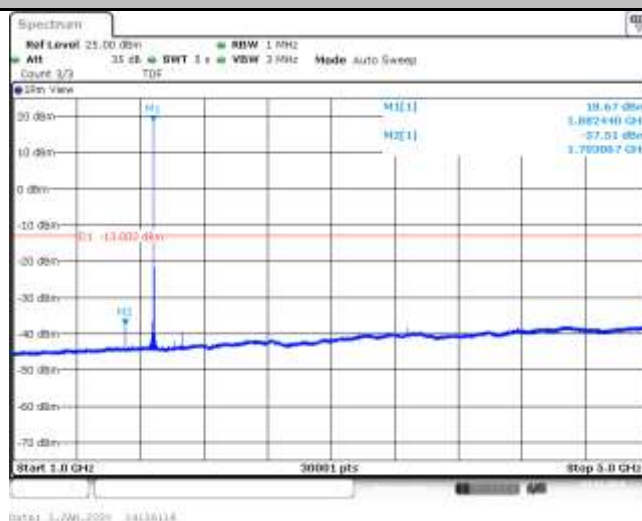
Band25_1.4MHz_16QAM_26047_6_0_Low_1000_5000_-37.37_PASS__



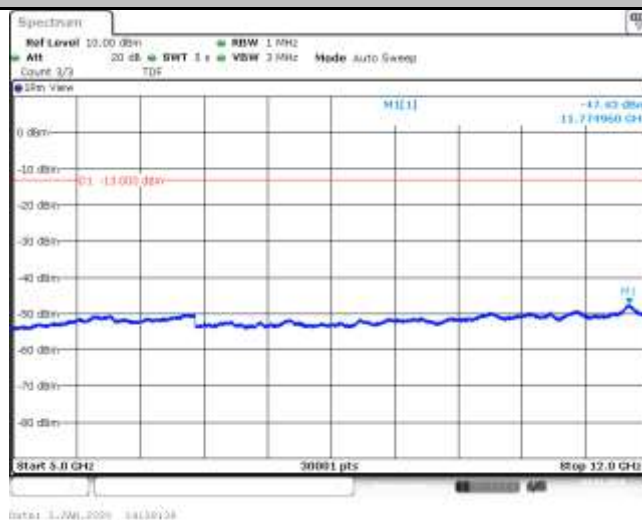
Band25_1.4MHz_16QAM_26047_6_0_Low_30_1000_-35.19_PASS__



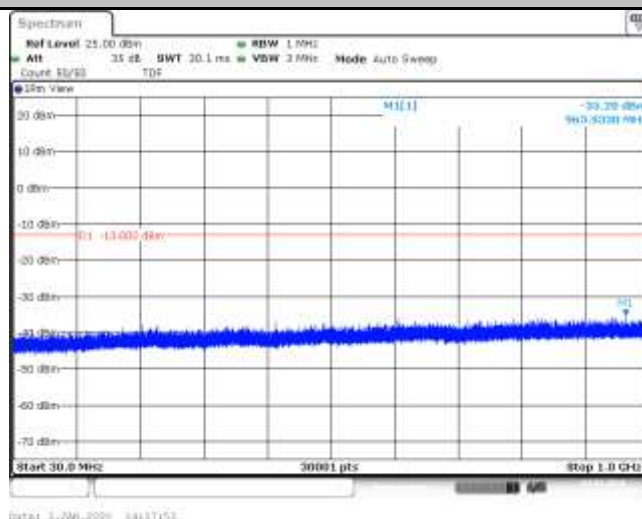
Band25_1.4MHz_16QAM_26365_6_0_Low_1000_5000_-37.51_PASS__



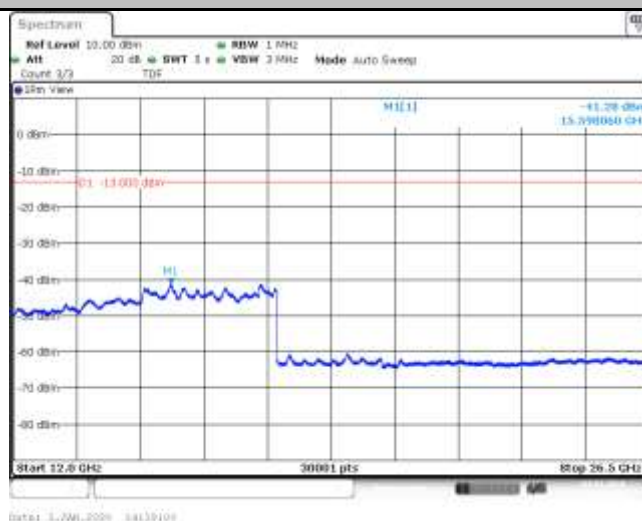
Band25_1.4MHz_16QAM_26365_6_0_Low_5000_12000_-47.43_PASS__



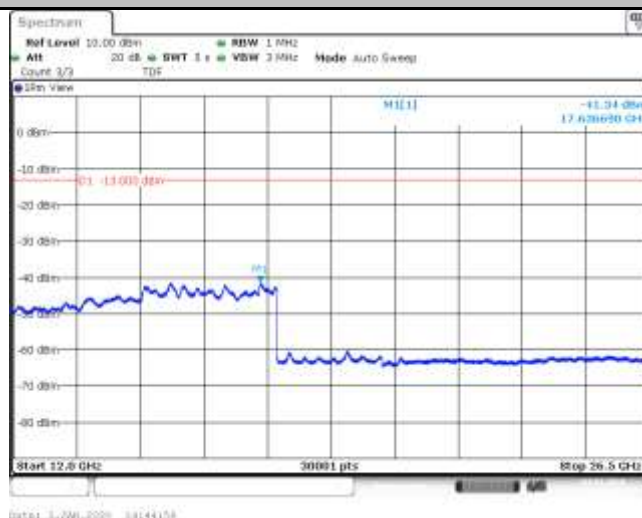
Band25_1.4MHz_16QAM_26365_6_0_Low_30_1000_-35.2_PASS__



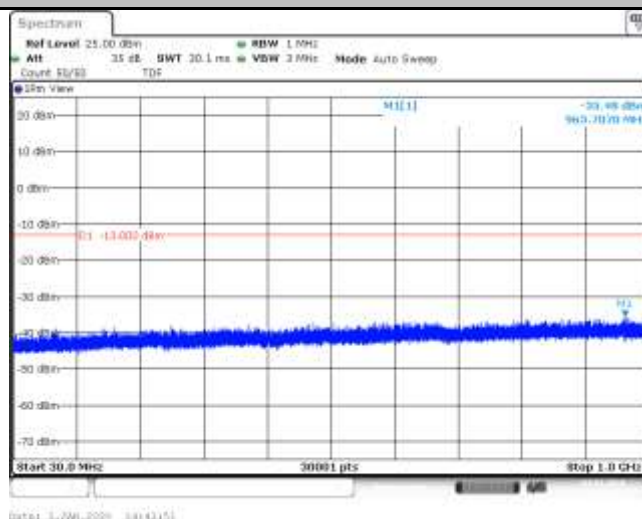
Band25_1.4MHz_16QAM_26365_6_0_Low_12000_26500_-41.28_PASS__



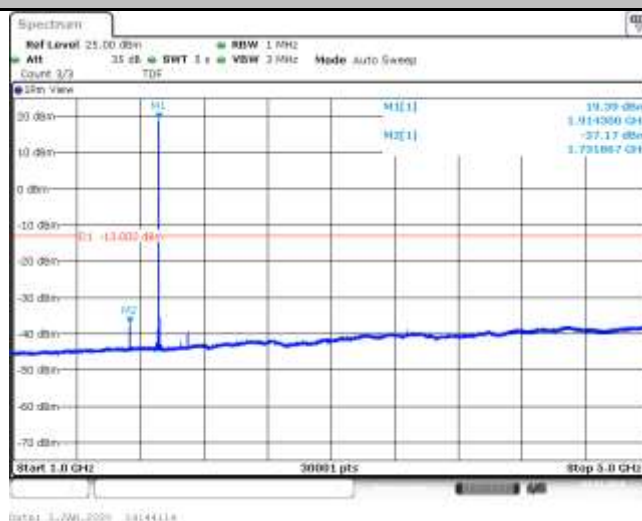
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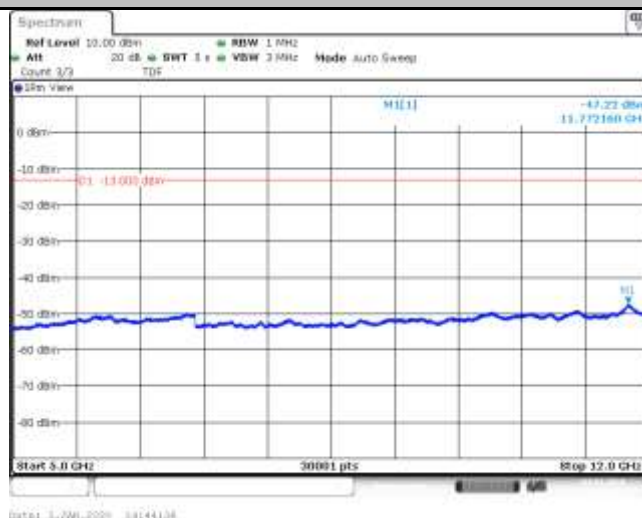
Band25_1.4MHz_16QAM_26683_6_0_Low_30_1000_-35.48_PASS__



Band25_1.4MHz_16QAM_26683_6_0_Low_1000_5000_-37.17_PASS__



Band25_1.4MHz_16QAM_26683_6_0_Low_5000_12000_-47.22_PASS__



Appendix F.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
Band25	1.4MHz	QPSK	26365	1	0	Low	HV	NT	-33.92	-0.018019	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	LV	NT	-33.29	-0.017684	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	NT	-29.85	-0.015857	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	HV	NT	-28.47	-0.015124	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	LV	NT	-30.76	-0.016340	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	NT	-25.92	-0.013769	±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
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	85	-29.75	-0.015803	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-30	-29.73	-0.015793	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-20	-30.77	-0.016345	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-10	-31.66	-0.016818	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	0	-30.61	-0.016260	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	10	-33.57	-0.017833	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	20	-27.91	-0.014826	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	30	-28.72	-0.015256	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	40	-32.10	-0.017052	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	50	-32.89	-0.017471	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	60	-26.26	-0.013950	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	70	-31.01	-0.016473	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-40	-33.75	-0.017928	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	80	-31.54	-0.016754	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	85	-31.94	-0.016967	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-30	-34.50	-0.018327	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-20	-30.34	-0.016117	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-10	-29.95	-0.015910	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	0	-27.18	-0.014438	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	10	-27.95	-0.014847	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	20	-29.17	-0.015495	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	30	-30.91	-0.016420	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	40	-31.07	-0.016505	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	50	-30.53	-0.016218	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	60	-31.63	-0.016802	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	70	-29.91	-0.015888	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	80	-27.25	-0.014475	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-40	-29.73	-0.015793	±2.5	PASS