

APPENDIX A: TEST RESULTS OF BAND 2 FOR CAT-M OPERATION

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APPENDIX A.1: EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NBIndex	Measure Result (dBm)	EIRP		Limit (watts)	Verdict
								dBm	Watts		
Band2	1.4MHz	18607	QPSK	1	0	Low	23.5	25.64	0.366	2	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	21.47	23.61	0.230	2	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	23.12	25.26	0.336	2	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	21.21	23.35	0.216	2	PASS
Band2	1.4MHz	19193	QPSK	1	5	Low	22.79	24.93	0.311	2	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	21.2	23.34	0.216	2	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	22.37	24.51	0.282	2	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	21.46	23.60	0.229	2	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	22.21	24.35	0.272	2	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	21.31	23.45	0.221	2	PASS
Band2	1.4MHz	19193	16QAM	1	5	Low	21.73	23.87	0.244	2	PASS
Band2	1.4MHz	19193	16QAM	6	0	Low	21.01	23.15	0.207	2	PASS
Band2	3MHz	18615	QPSK	1	0	Low	23.45	25.59	0.362	2	PASS
Band2	3MHz	18615	QPSK	6	0	Low	21.44	23.58	0.228	2	PASS
Band2	3MHz	18900	QPSK	1	0	Low	23.27	25.41	0.348	2	PASS
Band2	3MHz	18900	QPSK	6	0	Low	21.49	23.63	0.231	2	PASS
Band2	3MHz	19185	QPSK	1	5	High	22.77	24.91	0.310	2	PASS
Band2	3MHz	19185	QPSK	6	0	High	21.25	23.39	0.218	2	PASS
Band2	3MHz	18615	16QAM	1	0	Low	22.34	24.48	0.281	2	PASS
Band2	3MHz	18615	16QAM	6	0	Low	21.44	23.58	0.228	2	PASS
Band2	3MHz	18900	16QAM	1	0	Low	22.15	24.29	0.269	2	PASS
Band2	3MHz	18900	16QAM	6	0	Low	21.34	23.48	0.223	2	PASS
Band2	3MHz	19185	16QAM	1	5	High	21.77	23.91	0.246	2	PASS
Band2	3MHz	19185	16QAM	6	0	High	21.05	23.19	0.208	2	PASS
Band2	5MHz	18625	QPSK	1	0	Low	23.48	25.62	0.365	2	PASS
Band2	5MHz	18625	QPSK	6	0	Low	22.41	24.55	0.285	2	PASS
Band2	5MHz	18900	QPSK	1	0	Low	23.31	25.45	0.351	2	PASS
Band2	5MHz	18900	QPSK	6	0	Low	22.22	24.36	0.273	2	PASS
Band2	5MHz	19175	QPSK	1	5	High	22.92	25.06	0.321	2	PASS
Band2	5MHz	19175	QPSK	3	3	High	22.14	24.28	0.268	2	PASS
Band2	5MHz	18625	16QAM	1	0	Low	23.47	25.61	0.364	2	PASS
Band2	5MHz	18625	16QAM	6	0	Low	22.34	24.48	0.281	2	PASS
Band2	5MHz	18900	16QAM	1	0	Low	23.13	25.27	0.337	2	PASS
Band2	5MHz	18900	16QAM	6	0	Low	22.22	24.36	0.273	2	PASS
Band2	5MHz	19175	16QAM	1	5	High	22.93	25.07	0.321	2	PASS
Band2	5MHz	19175	16QAM	3	3	High	22.16	24.30	0.269	2	PASS
Band2	10MHz	18650	QPSK	1	0	Low	23.43	25.57	0.361	2	PASS
Band2	10MHz	18650	QPSK	5	0	Low	22.44	24.58	0.287	2	PASS
Band2	10MHz	18900	QPSK	1	0	Low	23.48	25.62	0.365	2	PASS
Band2	10MHz	18900	QPSK	5	0	Low	22.34	24.48	0.281	2	PASS
Band2	10MHz	19150	QPSK	1	5	High	22.78	24.92	0.310	2	PASS
Band2	10MHz	19150	QPSK	5	1	High	22.08	24.22	0.264	2	PASS
Band2	10MHz	18650	16QAM	1	0	Low	23.51	25.65	0.367	2	PASS
Band2	10MHz	18650	16QAM	5	0	Low	22.35	24.49	0.281	2	PASS
Band2	10MHz	18900	16QAM	1	0	Low	23.49	25.63	0.366	2	PASS
Band2	10MHz	18900	16QAM	5	0	Low	22.21	24.35	0.272	2	PASS
Band2	10MHz	19150	16QAM	1	5	High	23.01	25.15	0.327	2	PASS
Band2	10MHz	19150	16QAM	5	1	High	21.95	24.09	0.256	2	PASS
Band2	15MHz	18675	QPSK	1	0	Low	23.36	25.50	0.355	2	PASS

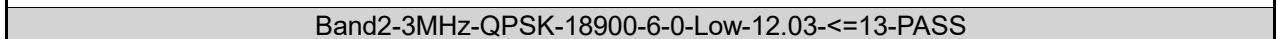
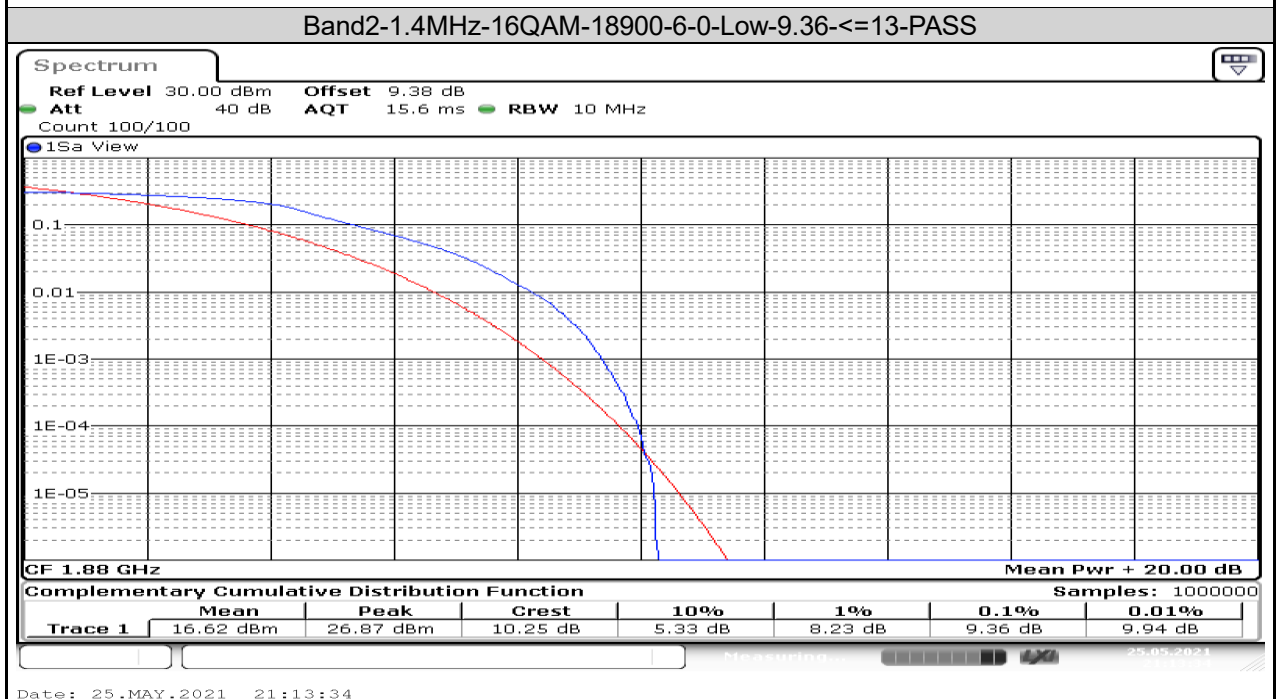
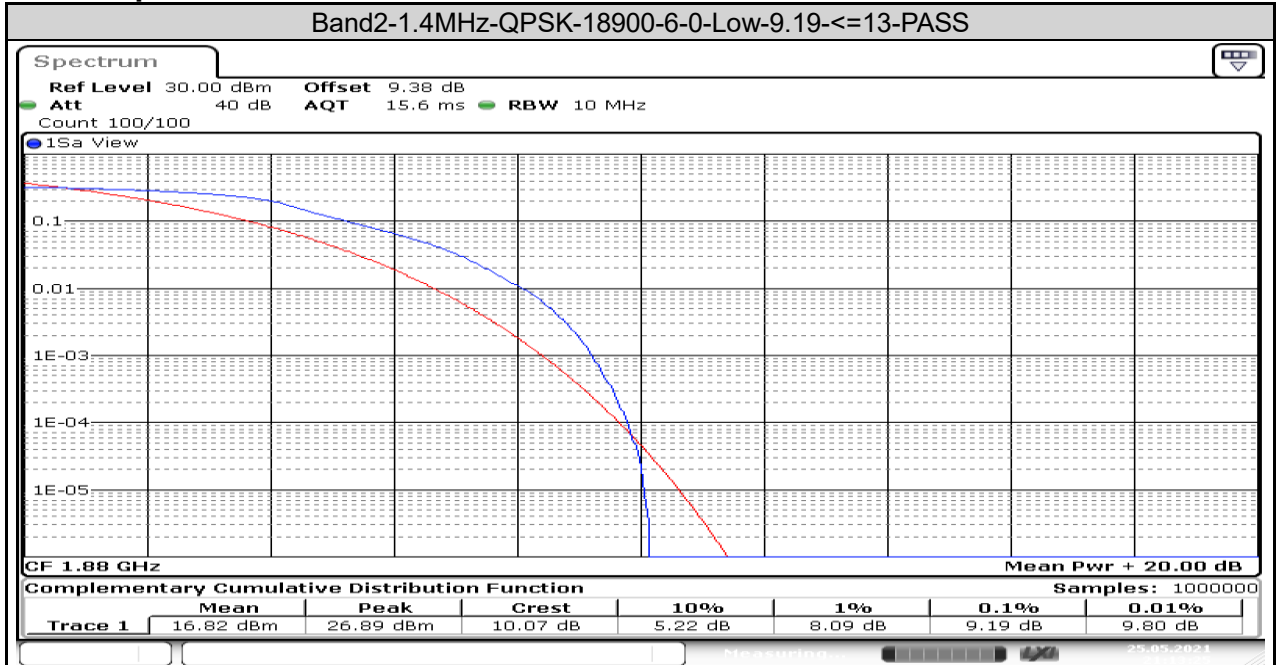
Band2	15MHz	18675	QPSK	6	0	Low	23.24	25.38	0.345	2	PASS
Band2	15MHz	18900	QPSK	1	0	Low	23.32	25.46	0.352	2	PASS
Band2	15MHz	18900	QPSK	6	0	Low	23.24	25.38	0.345	2	PASS
Band2	15MHz	19125	QPSK	1	5	High	22.76	24.90	0.309	2	PASS
Band2	15MHz	19125	QPSK	6	0	High	22.78	24.92	0.310	2	PASS
Band2	15MHz	18675	16QAM	1	0	Low	23.45	25.59	0.362	2	PASS
Band2	15MHz	18675	16QAM	6	0	Low	23.18	25.32	0.340	2	PASS
Band2	15MHz	18900	16QAM	1	0	Low	23.63	25.77	0.378	2	PASS
Band2	15MHz	18900	16QAM	6	0	Low	23.27	25.41	0.348	2	PASS
Band2	15MHz	19125	16QAM	1	5	High	22.86	25.00	0.316	2	PASS
Band2	15MHz	19125	16QAM	6	0	High	22.64	24.78	0.301	2	PASS
Band2	20MHz	18700	QPSK	1	0	Low	23.31	25.45	0.351	2	PASS
Band2	20MHz	18700	QPSK	6	0	Low	23.3	25.44	0.350	2	PASS
Band2	20MHz	18900	QPSK	1	0	Low	23.3	25.44	0.350	2	PASS
Band2	20MHz	18900	QPSK	6	0	Low	23.14	25.28	0.337	2	PASS
Band2	20MHz	19100	QPSK	1	5	High	22.97	25.11	0.324	2	PASS
Band2	20MHz	19100	QPSK	6	0	High	23.03	25.17	0.329	2	PASS
Band2	20MHz	18700	16QAM	1	0	Low	23.56	25.70	0.372	2	PASS
Band2	20MHz	18700	16QAM	6	0	Low	23.14	25.28	0.337	2	PASS
Band2	20MHz	18900	16QAM	1	0	Low	23.52	25.66	0.368	2	PASS
Band2	20MHz	18900	16QAM	6	0	Low	23.24	25.38	0.345	2	PASS
Band2	20MHz	19100	16QAM	1	5	High	22.96	25.10	0.324	2	PASS
Band2	20MHz	19100	16QAM	6	0	High	22.83	24.97	0.314	2	PASS

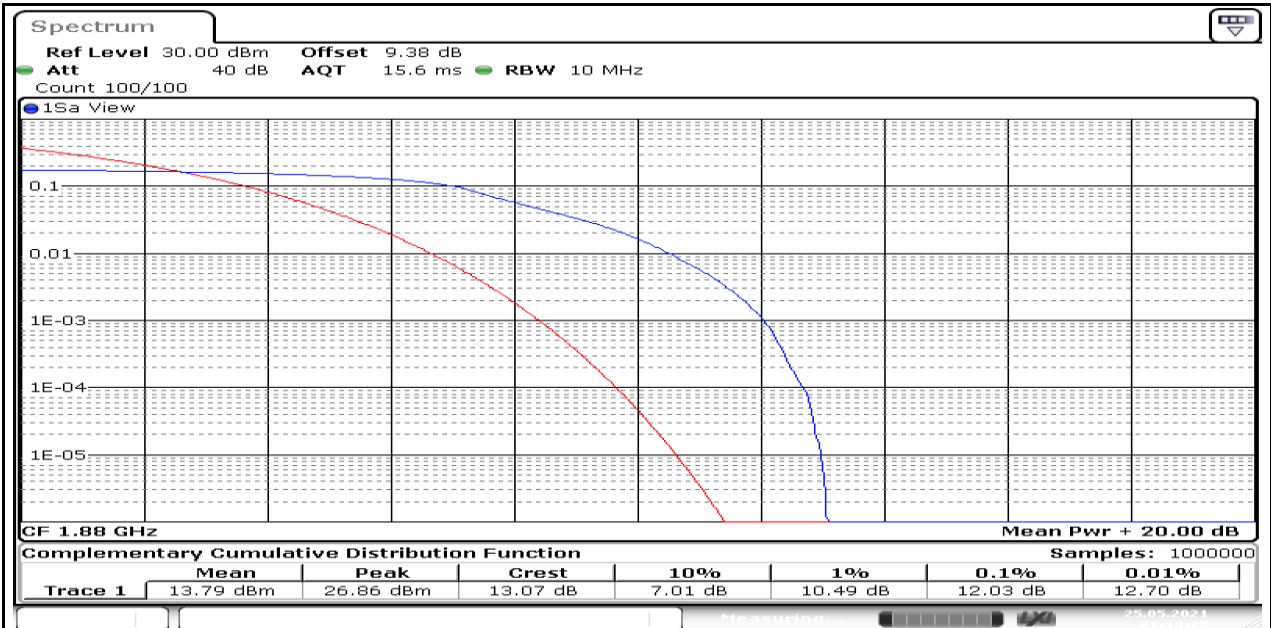
APPENDIX A.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band2	1.4MHz	18900	QPSK	6	0	Low	9.19	<=13	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	9.36	<=13	PASS
Band2	3MHz	18900	QPSK	6	0	Low	12.03	<=13	PASS
Band2	3MHz	18900	16QAM	6	0	Low	12.00	<=13	PASS
Band2	5MHz	18900	QPSK	6	0	Low	9.88	<=13	PASS
Band2	5MHz	18900	16QAM	6	0	Low	11.16	<=13	PASS
Band2	10MHz	18900	QPSK	6	0	Low	10.09	<=13	PASS
Band2	10MHz	18900	16QAM	6	0	Low	9.65	<=13	PASS
Band2	15MHz	18900	QPSK	6	0	Low	12.12	<=13	PASS
Band2	15MHz	18900	16QAM	6	0	Low	9.57	<=13	PASS
Band2	20MHz	18900	QPSK	6	0	Low	12.14	<=13	PASS
Band2	20MHz	18900	16QAM	6	0	Low	12.14	<=13	PASS

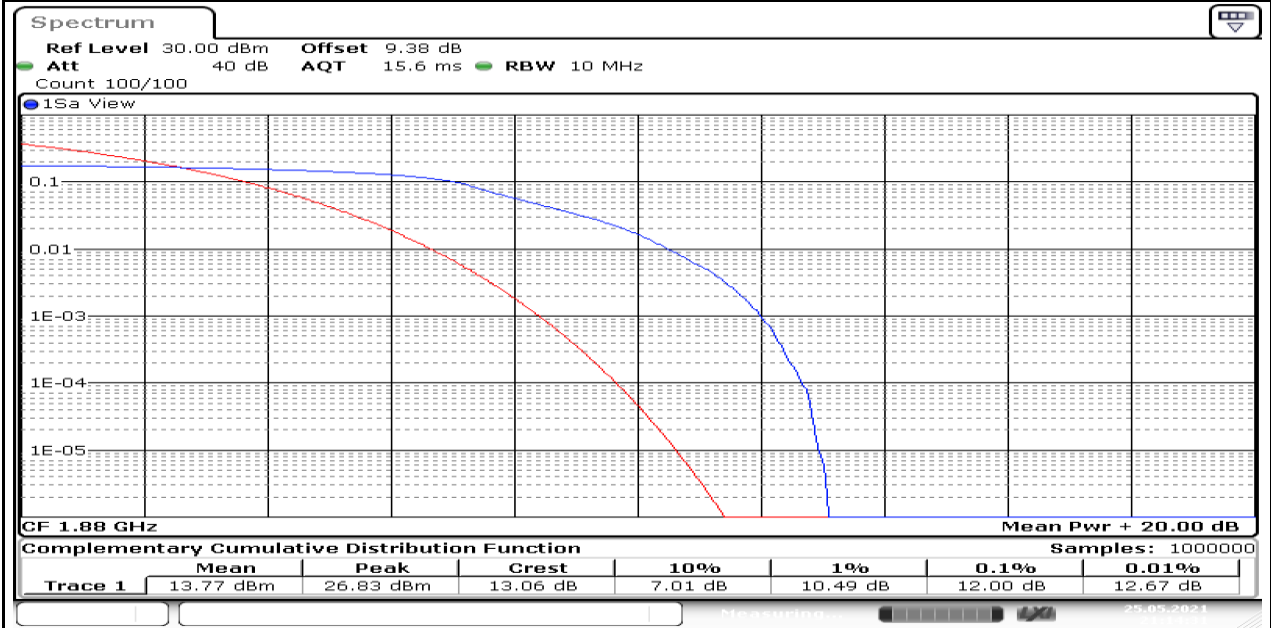
Test Graphs





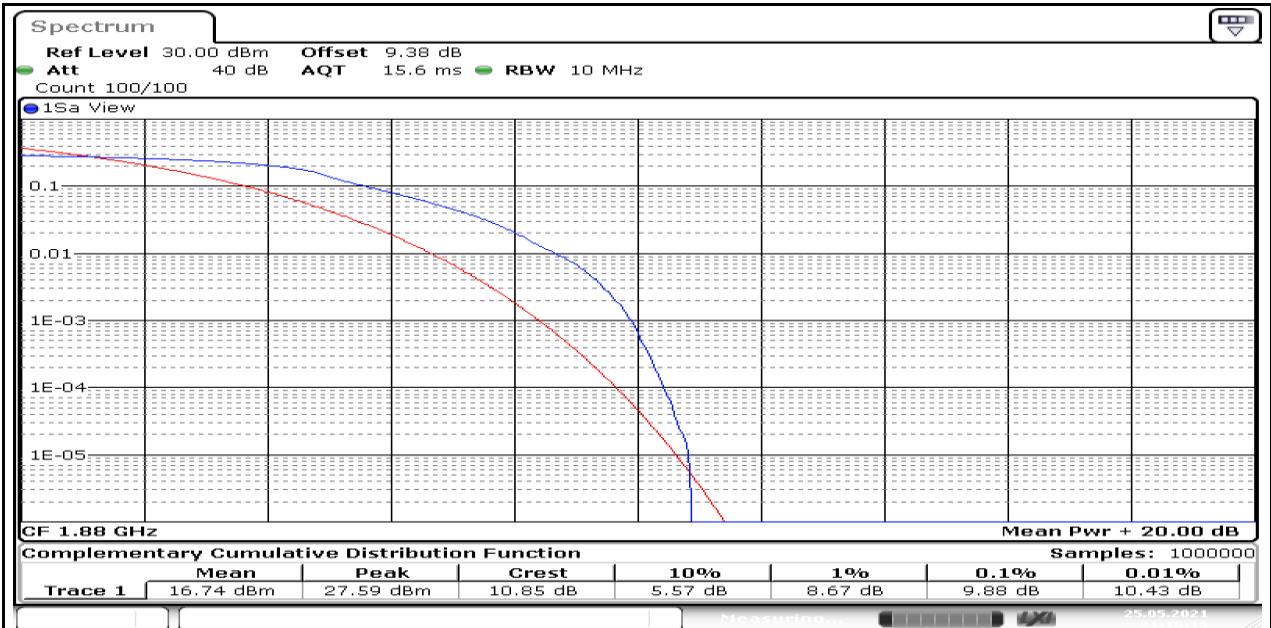
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Band2-3MHz-16QAM-18900-6-0-Low-12.00-<=13-PASS



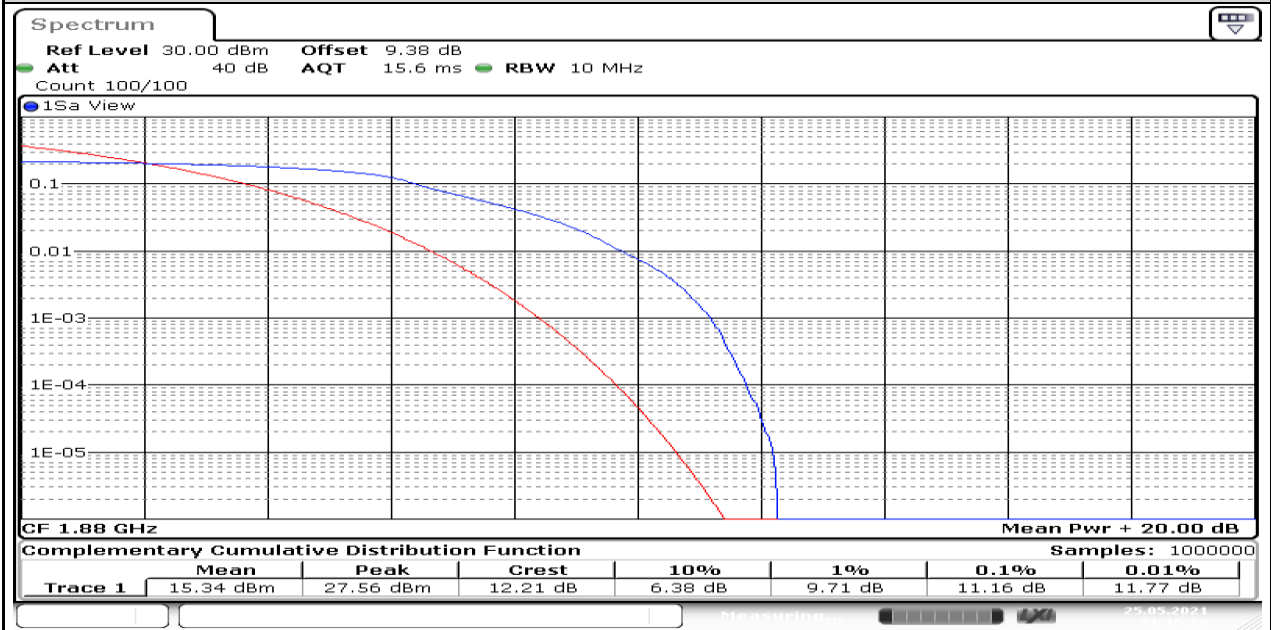
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Band2-5MHz-QPSK-18900-6-0-Low-9.88-<=13-PASS



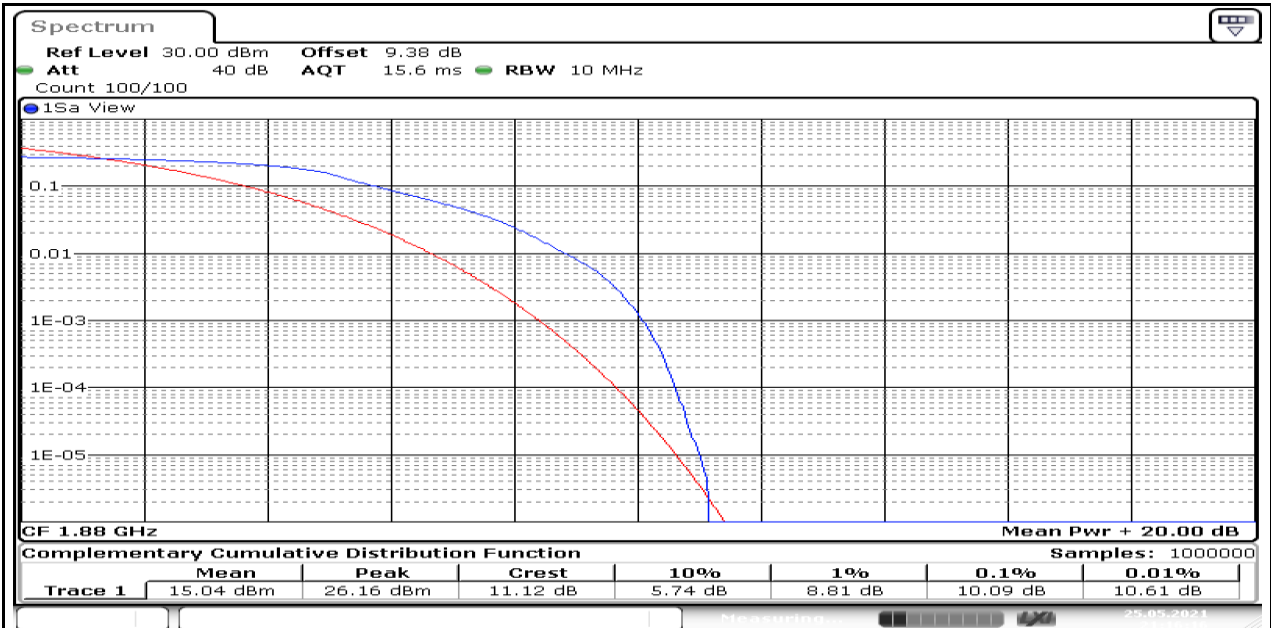
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Band2-5MHz-16QAM-18900-6-0-Low-11.16-<=13-PASS



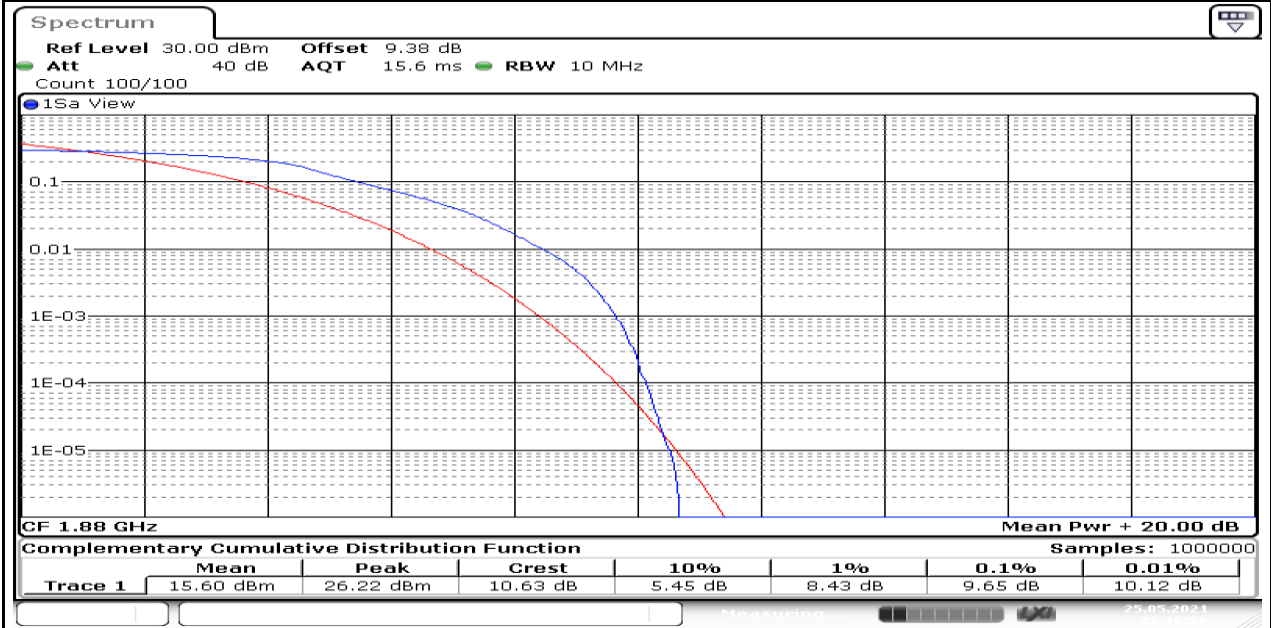
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Band2-10MHz-QPSK-18900-6-0-Low-10.09-<=13-PASS



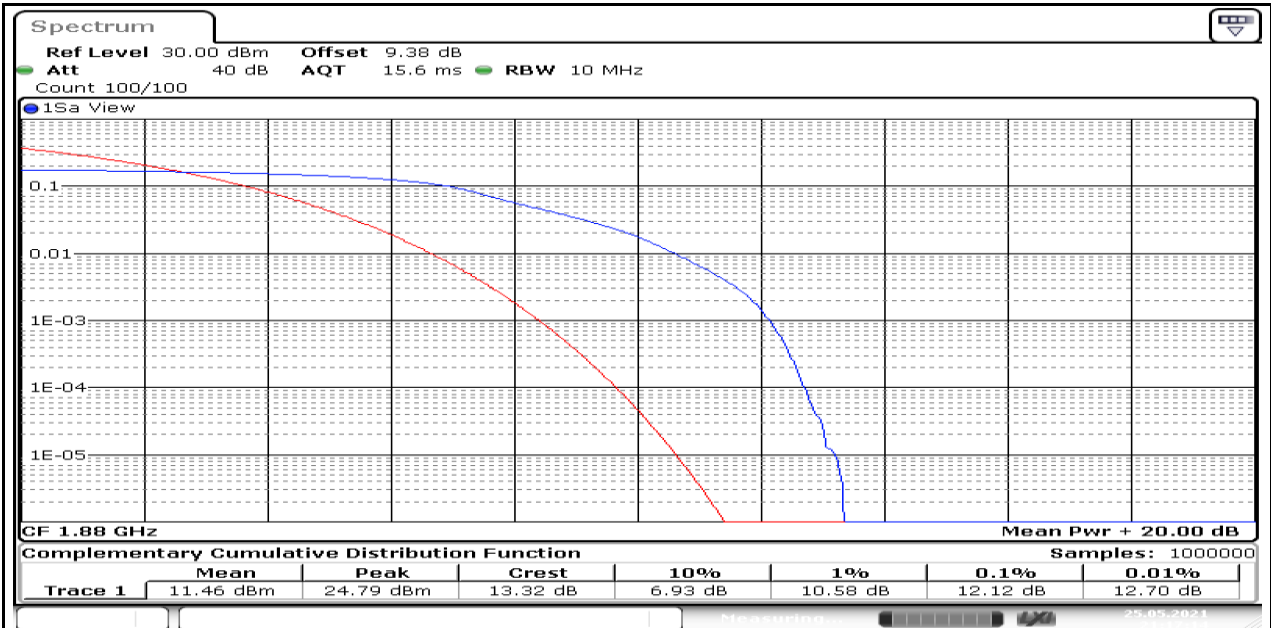
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Band2-10MHz-16QAM-18900-6-0-Low-9.65-<=13-PASS

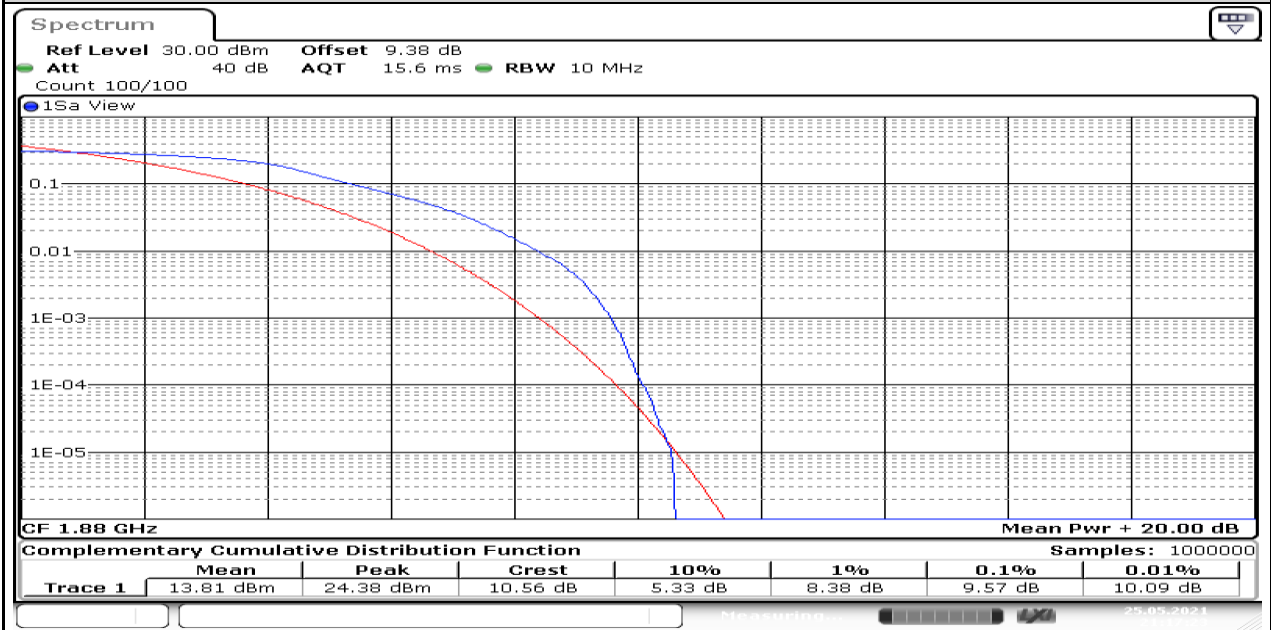


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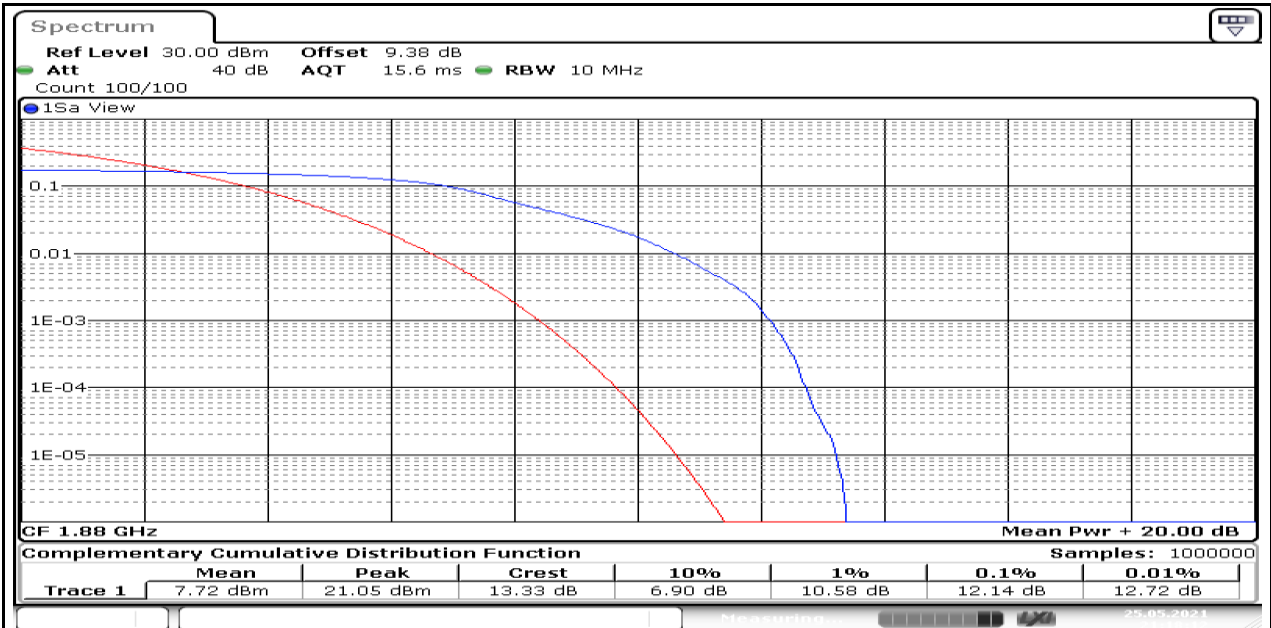
Band2-15MHz-QPSK-18900-6-0-Low-12.12-<=13-PASS



Band2-15MHz-16QAM-18900-6-0-Low-9.57-<=13-PASS

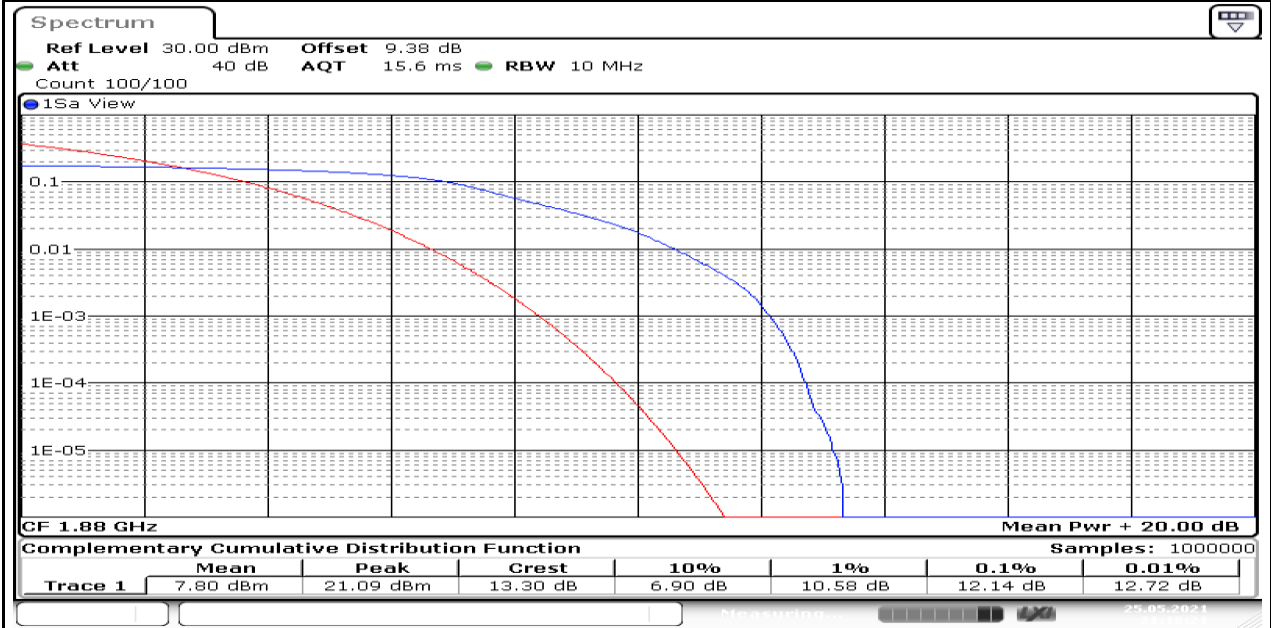


Band2-20MHz-QPSK-18900-6-0-Low-12.14-<=13-PASS



Date: 25.MAY.2021 21:18:12

Band2-20MHz-16QAM-18900-6-0-Low-12.14-<=13-PASS



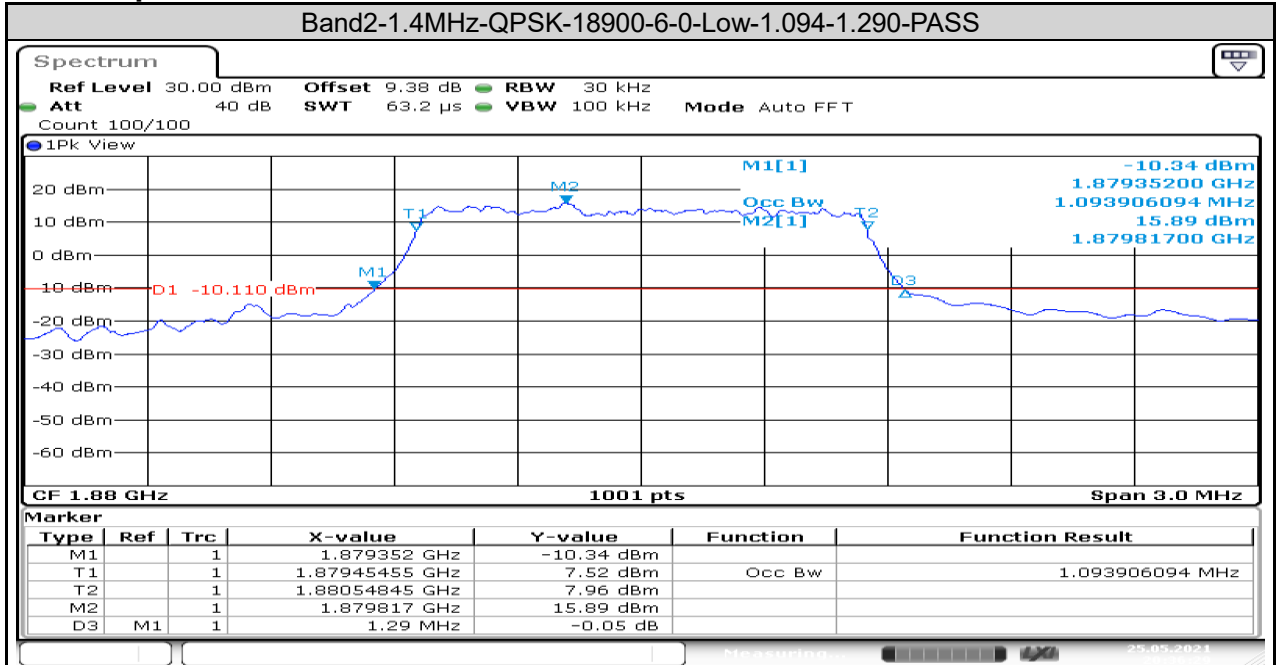
Date: 25.MAY.2021 21:18:21

APPENDIX A.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

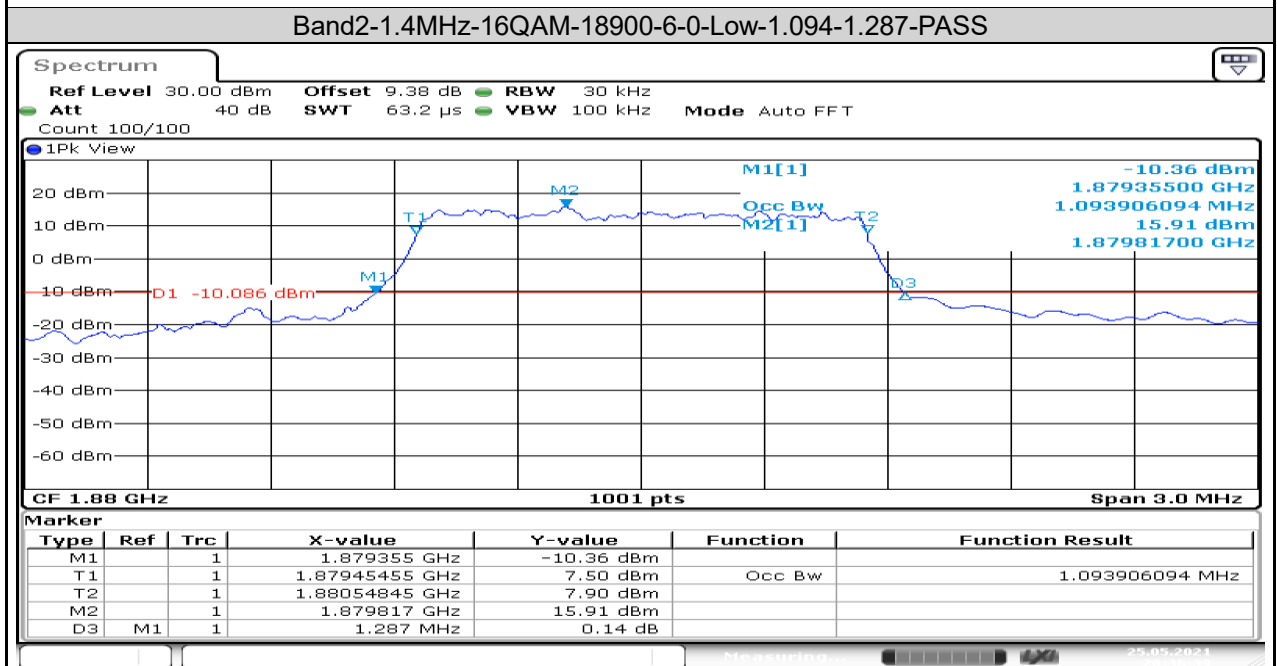
Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	18900	QPSK	6	0	Low	1.094	1.290	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	1.094	1.287	PASS
Band2	3MHz	18900	QPSK	6	0	Low	1.103	1.290	PASS
Band2	3MHz	18900	16QAM	6	0	Low	1.103	1.296	PASS
Band2	5MHz	18900	QPSK	6	0	Low	1.109	1.310	PASS
Band2	5MHz	18900	16QAM	6	0	Low	1.109	1.320	PASS
Band2	10MHz	18900	QPSK	6	0	Low	1.099	1.300	PASS
Band2	10MHz	18900	16QAM	6	0	Low	1.119	1.320	PASS
Band2	15MHz	18900	QPSK	6	0	Low	1.139	1.380	PASS
Band2	15MHz	18900	16QAM	6	0	Low	1.139	1.380	PASS
Band2	20MHz	18900	QPSK	6	0	Low	1.119	1.400	PASS
Band2	20MHz	18900	16QAM	6	0	Low	1.159	1.400	PASS

Test Graphs

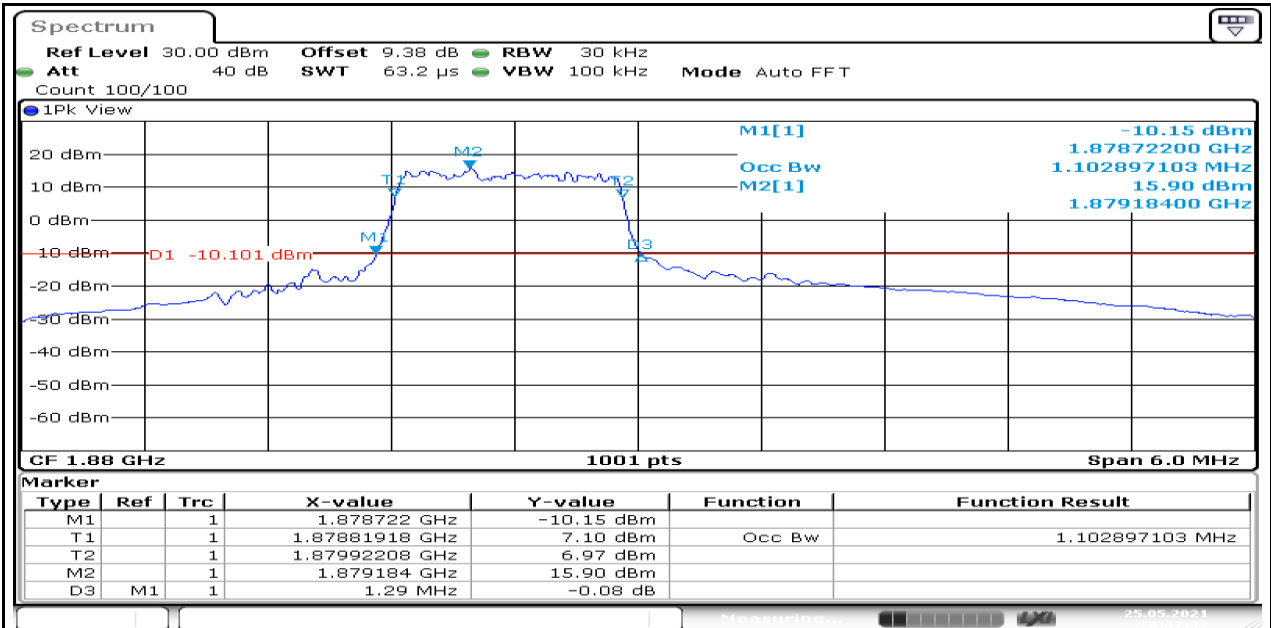


Date: 25.MAY.2021 20:36:29



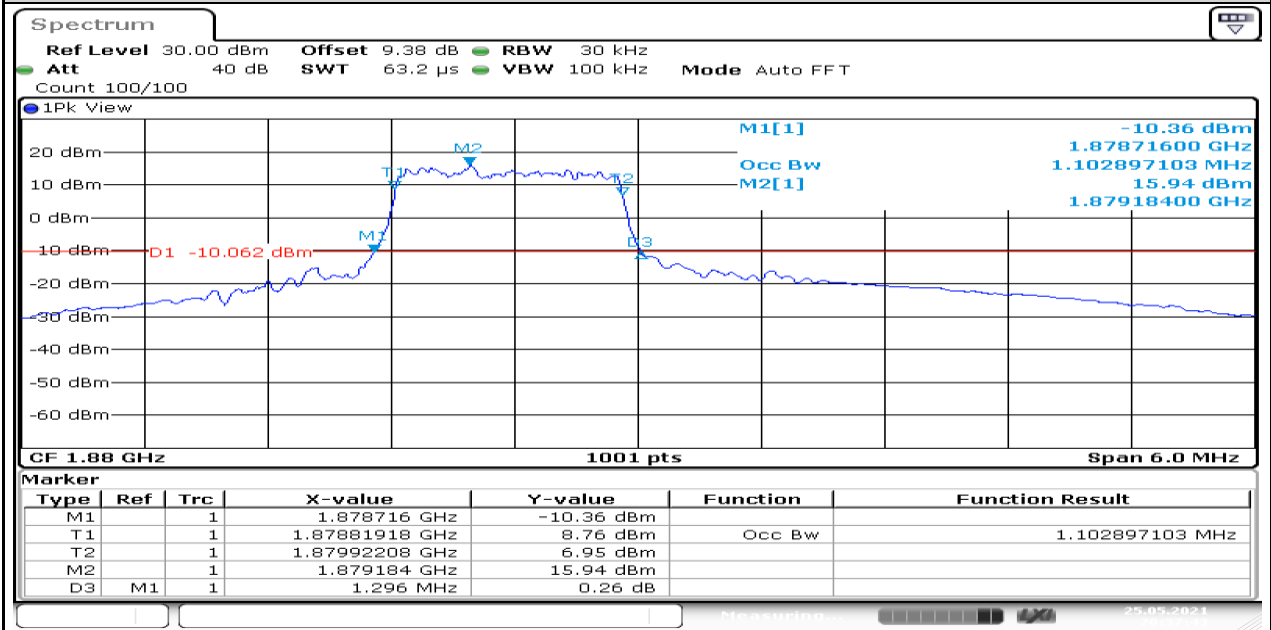
Date: 25.MAY.2021 20:36:39

Band2-3MHz-QPSK-18900-6-0-Low-1.103-1.290-PASS



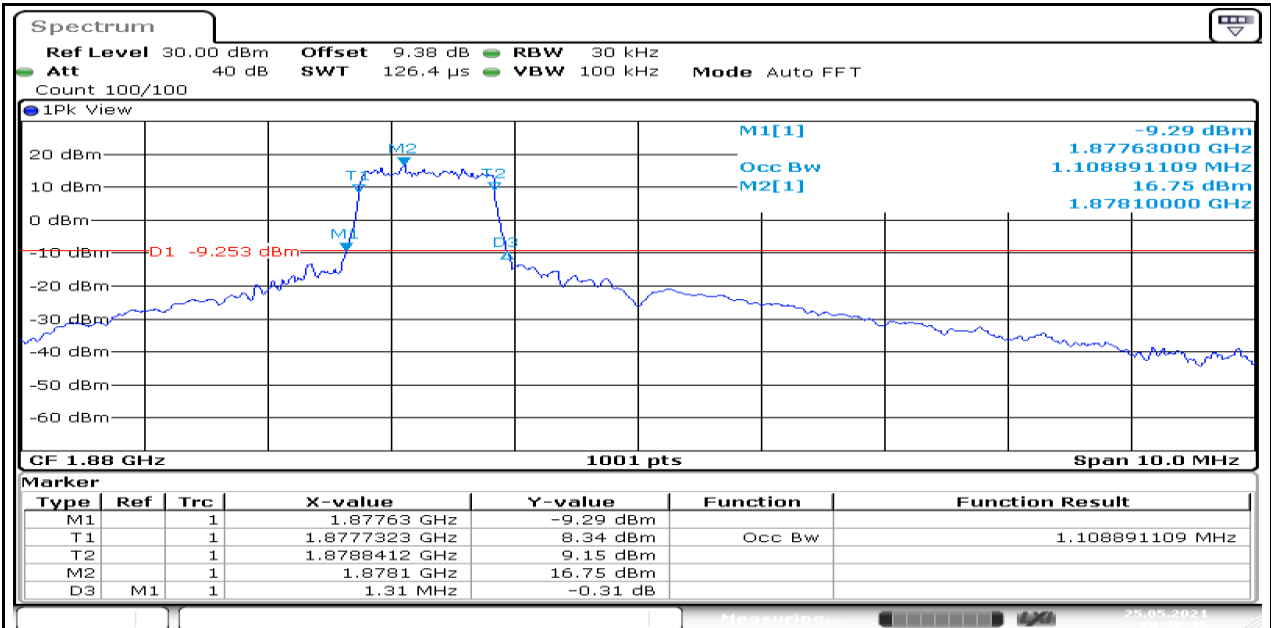
Date: 25.MAY.2021 20:37:33

Band2-3MHz-16QAM-18900-6-0-Low-1.103-1.296-PASS



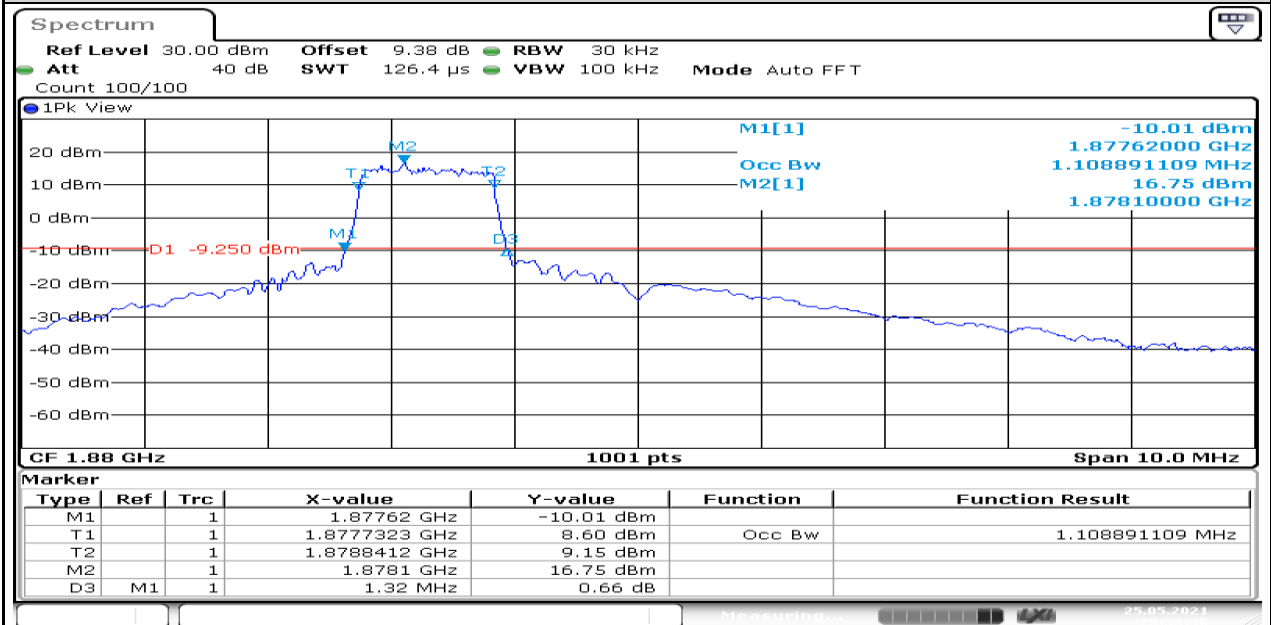
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Band2-5MHz-QPSK-18900-6-0-Low-1.109-1.310-PASS



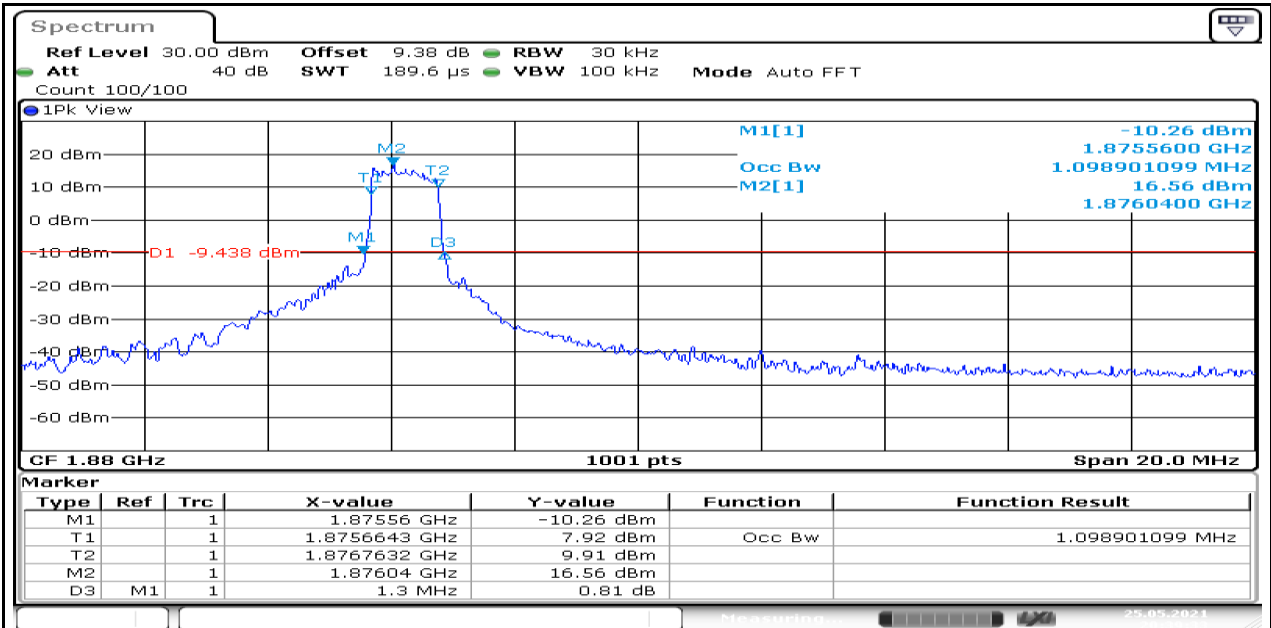
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Band2-5MHz-16QAM-18900-6-0-Low-1.109-1.320-PASS



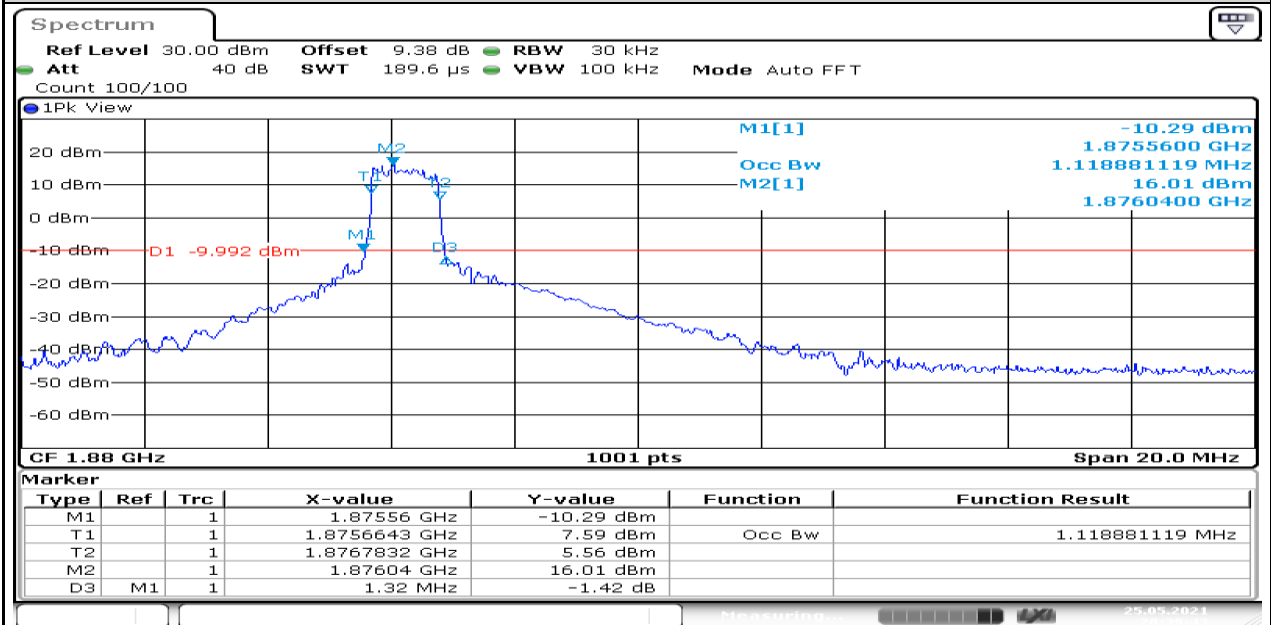
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Band2-10MHz-QPSK-18900-6-0-Low-1.099-1.300-PASS



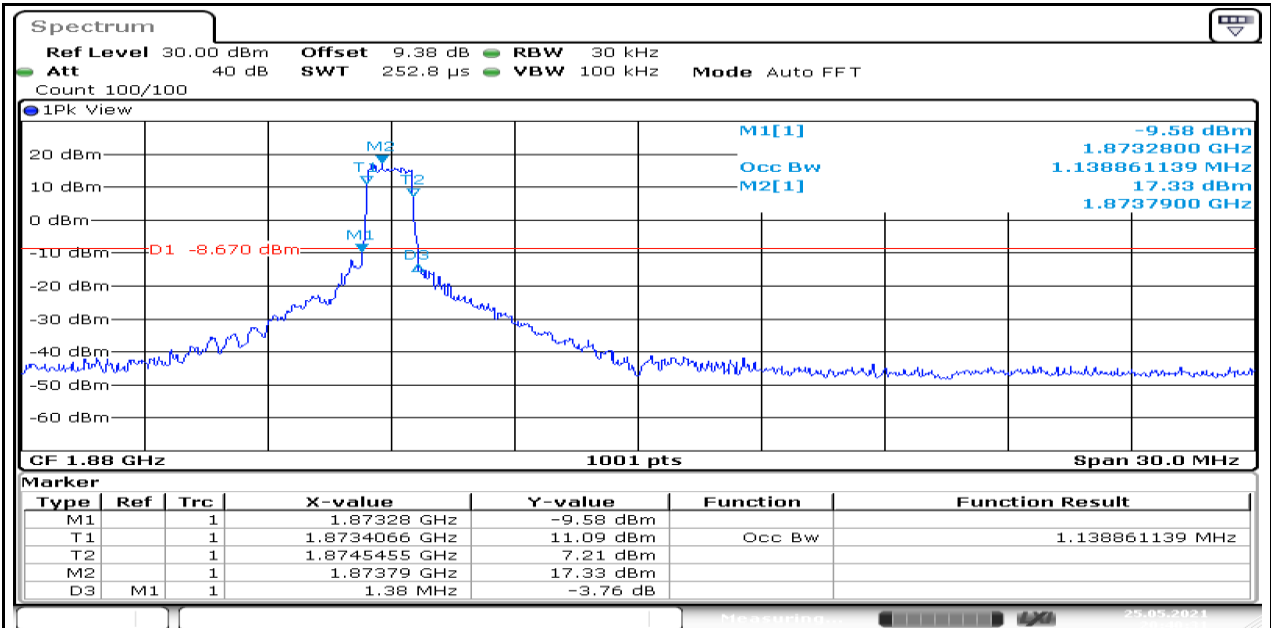
Date: 25.MAY.2021 20:39:33

Band2-10MHz-16QAM-18900-6-0-Low-1.119-1.320-PASS



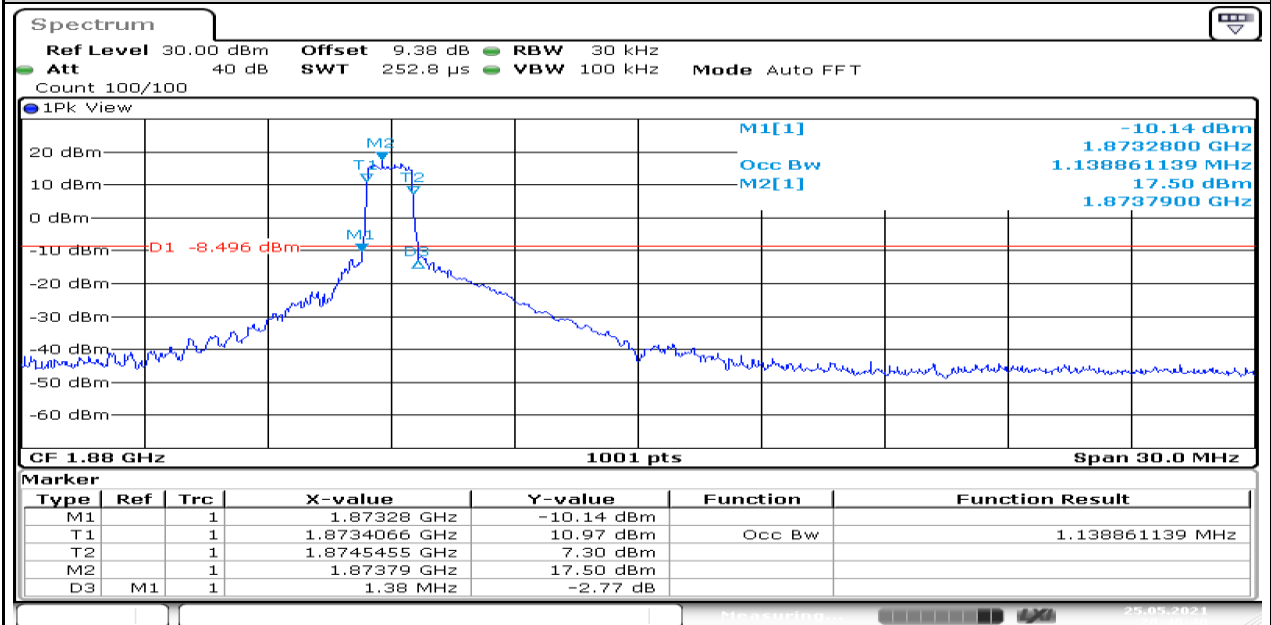
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Band2-15MHz-QPSK-18900-6-0-Low-1.139-1.380-PASS



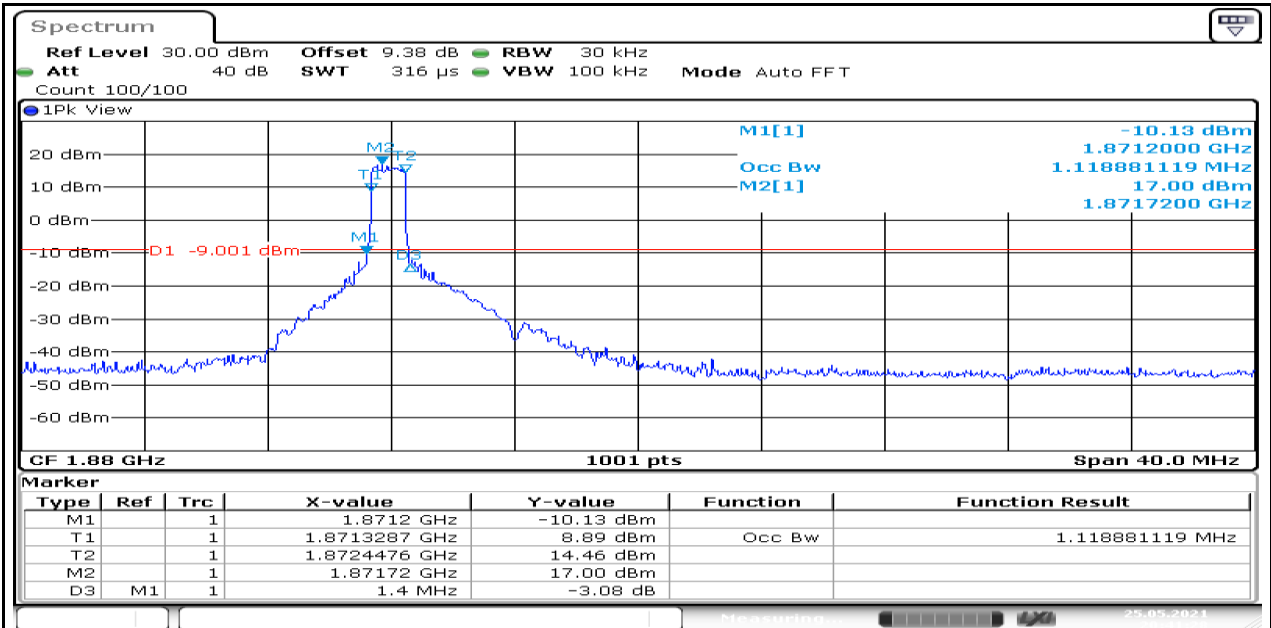
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Band2-15MHz-16QAM-18900-6-0-Low-1.139-1.380-PASS



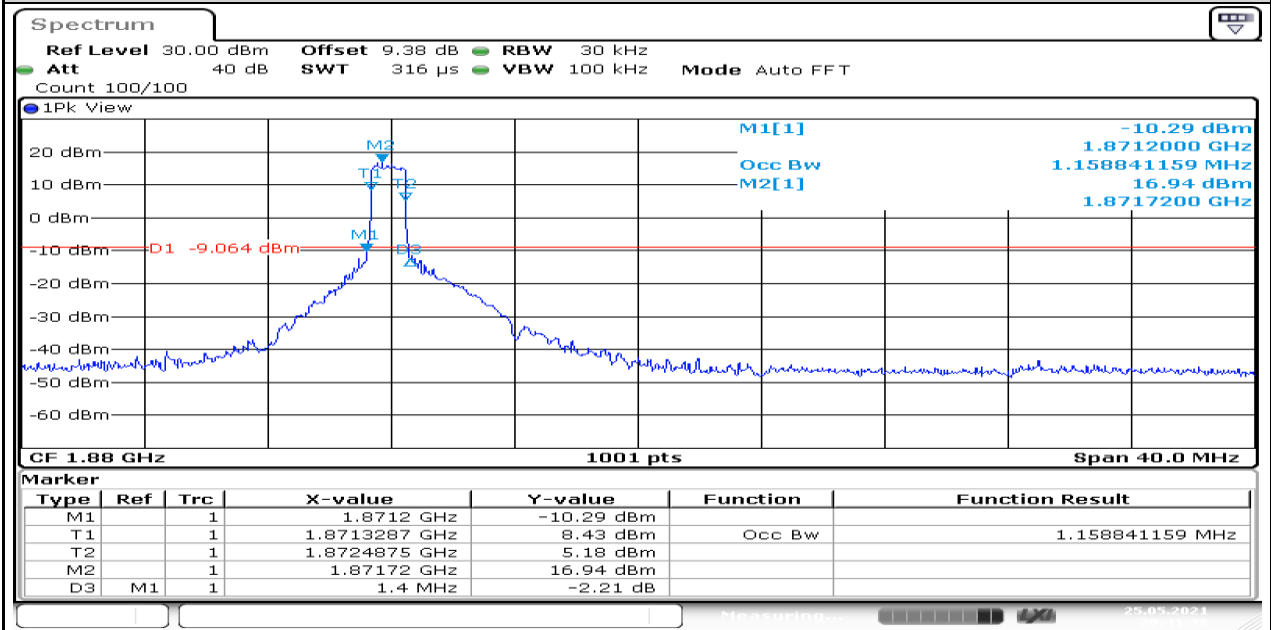
Date: 25.MAY.2021 20:40:40

Band2-20MHz-QPSK-18900-6-0-Low-1.119-1.400-PASS



Date: 25.MAY.2021 20:41:28

Band2-20MHz-16QAM-18900-6-0-Low-1.159-1.400-PASS



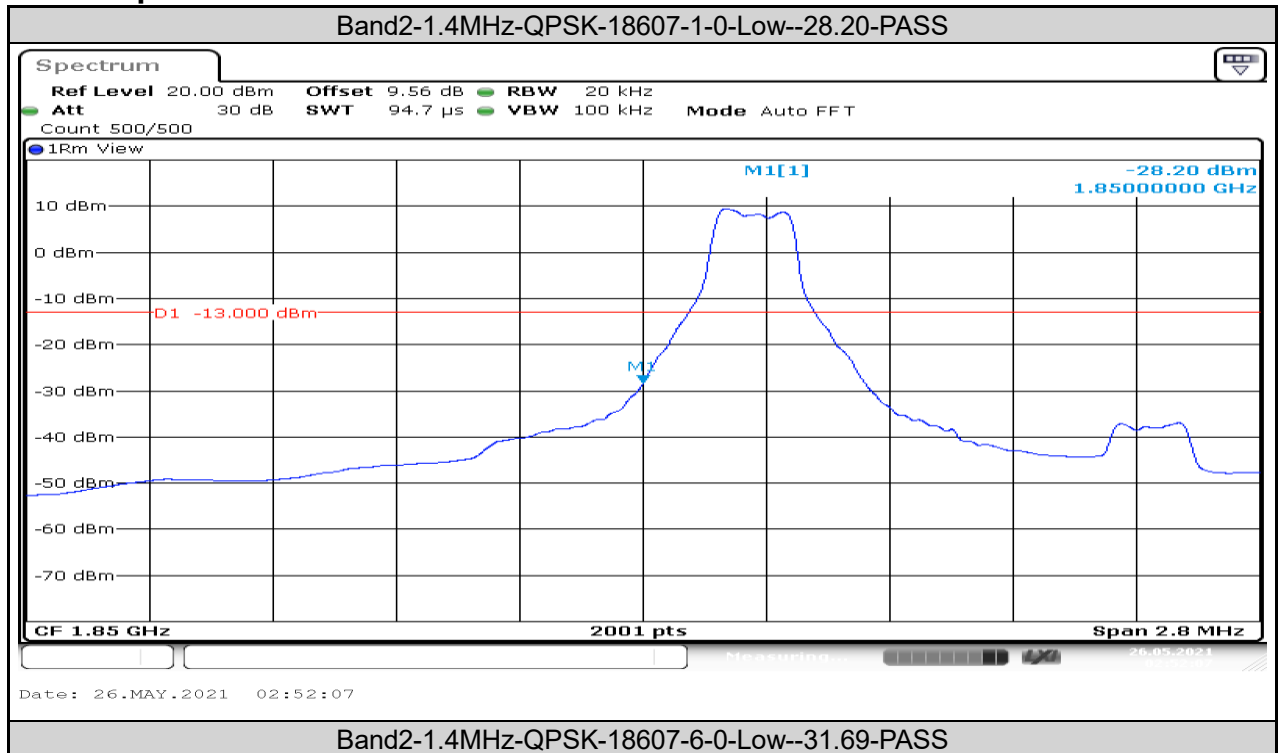
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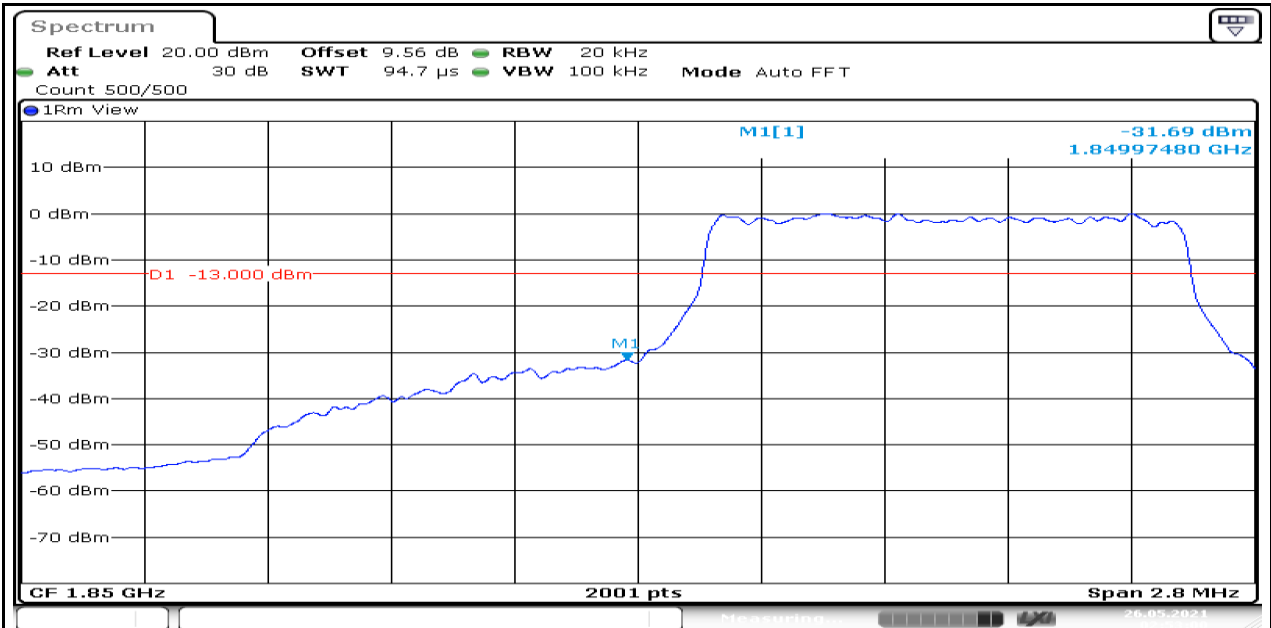
APPENDIX A.4: BAND EDGE FOR M1

Test Result

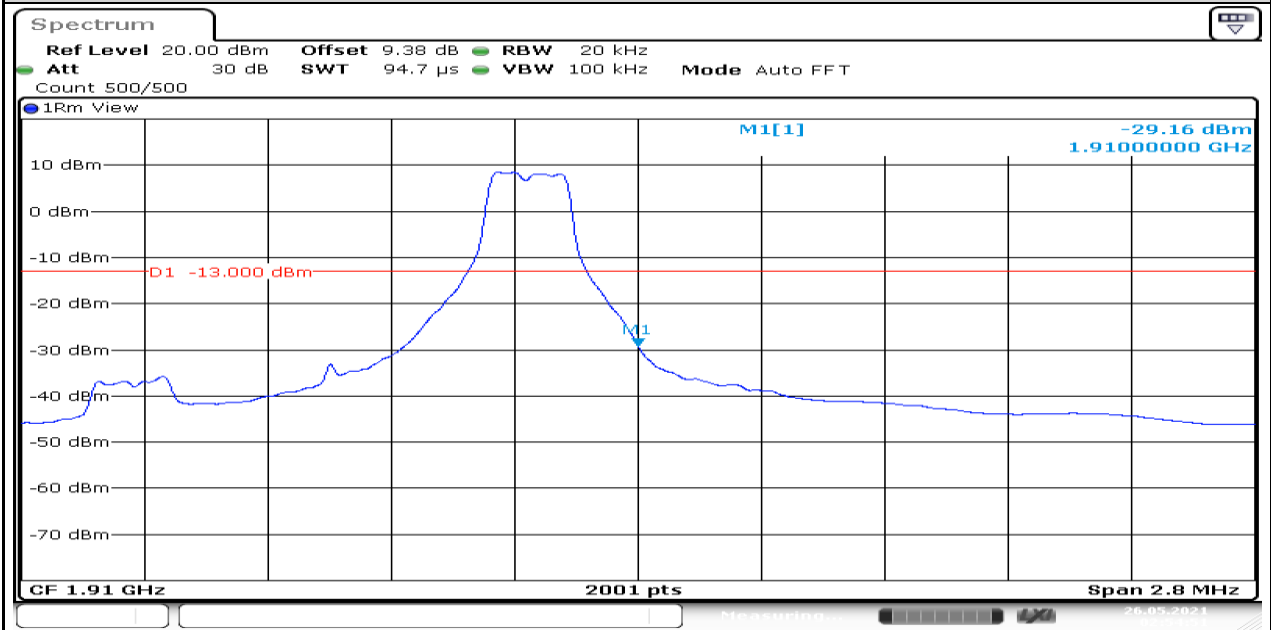
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	Low	-28.20	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	-31.69	PASS
Band2	1.4MHz	19193	QPSK	1	5	Low	-29.16	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	-33.27	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	-29.06	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	-32.04	PASS
Band2	1.4MHz	19193	16QAM	1	5	Low	-30.26	PASS
Band2	1.4MHz	19193	16QAM	6	0	Low	-33.01	PASS

Test Graphs

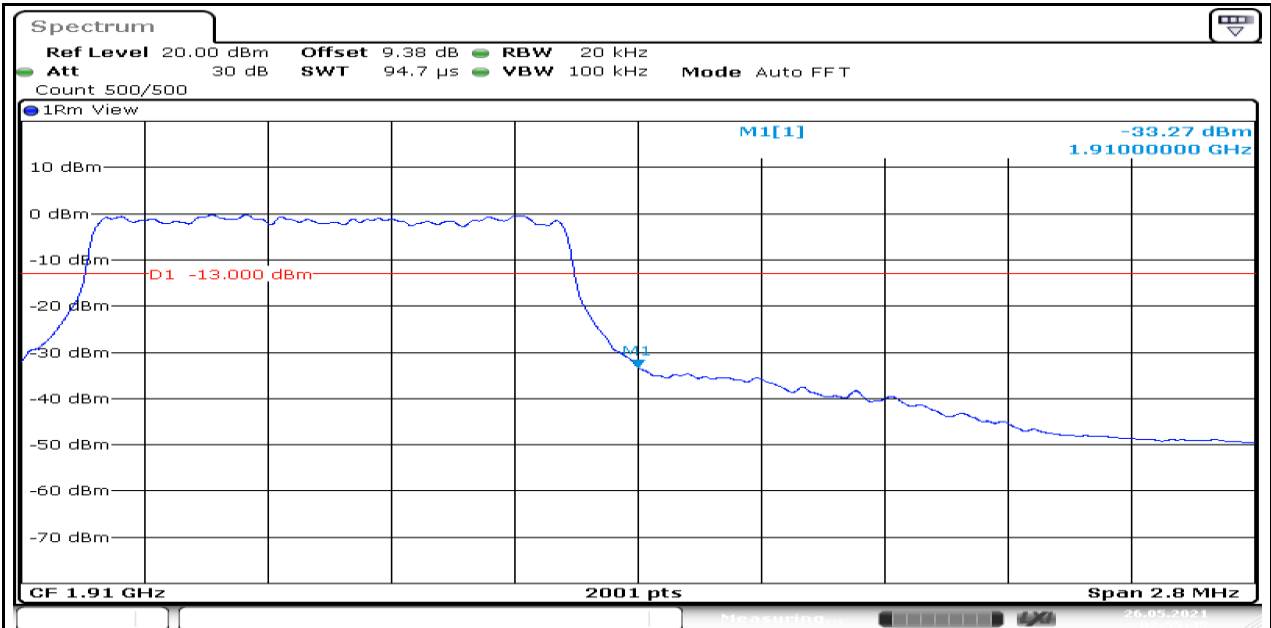




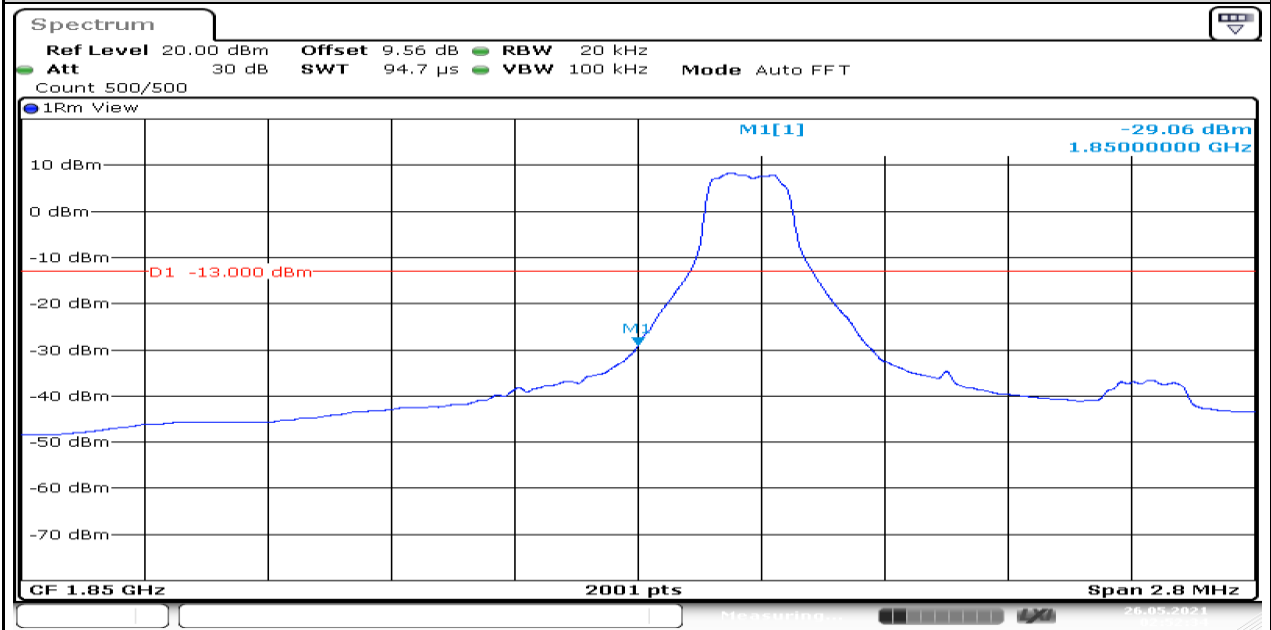
Band2-1.4MHz-QPSK-19193-1-5-Low--29.16-PASS



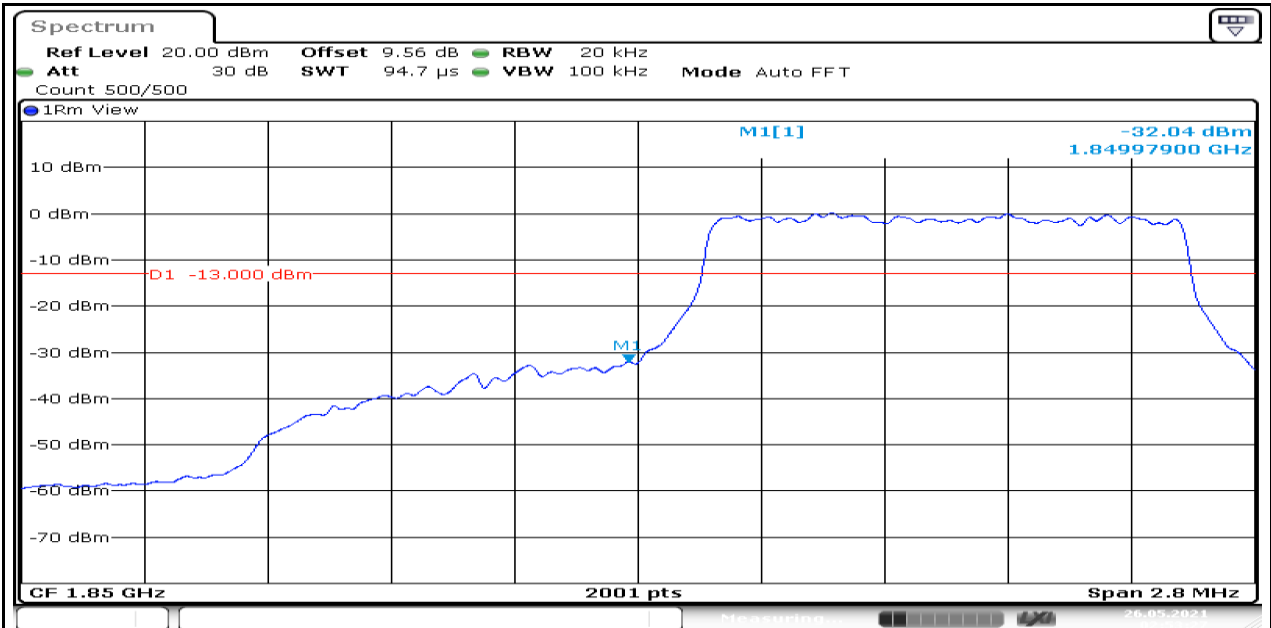
Band2-1.4MHz-QPSK-19193-6-0-Low--33.27-PASS



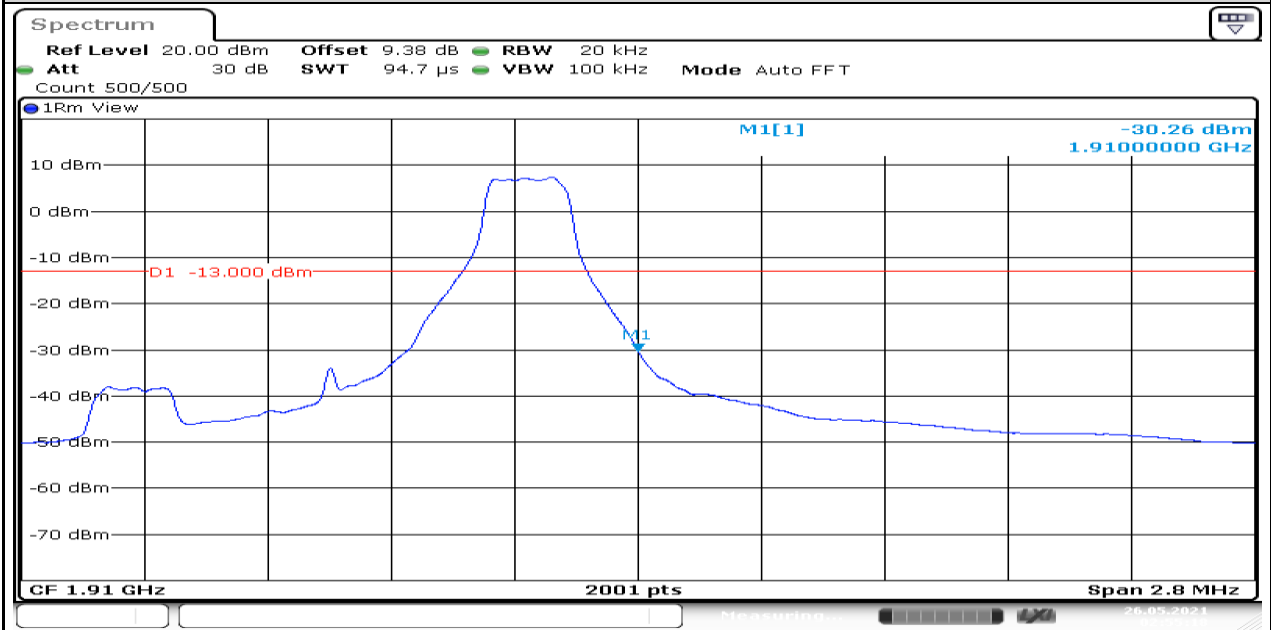
Band2-1.4MHz-16QAM-18607-1-0-Low--29.06-PASS



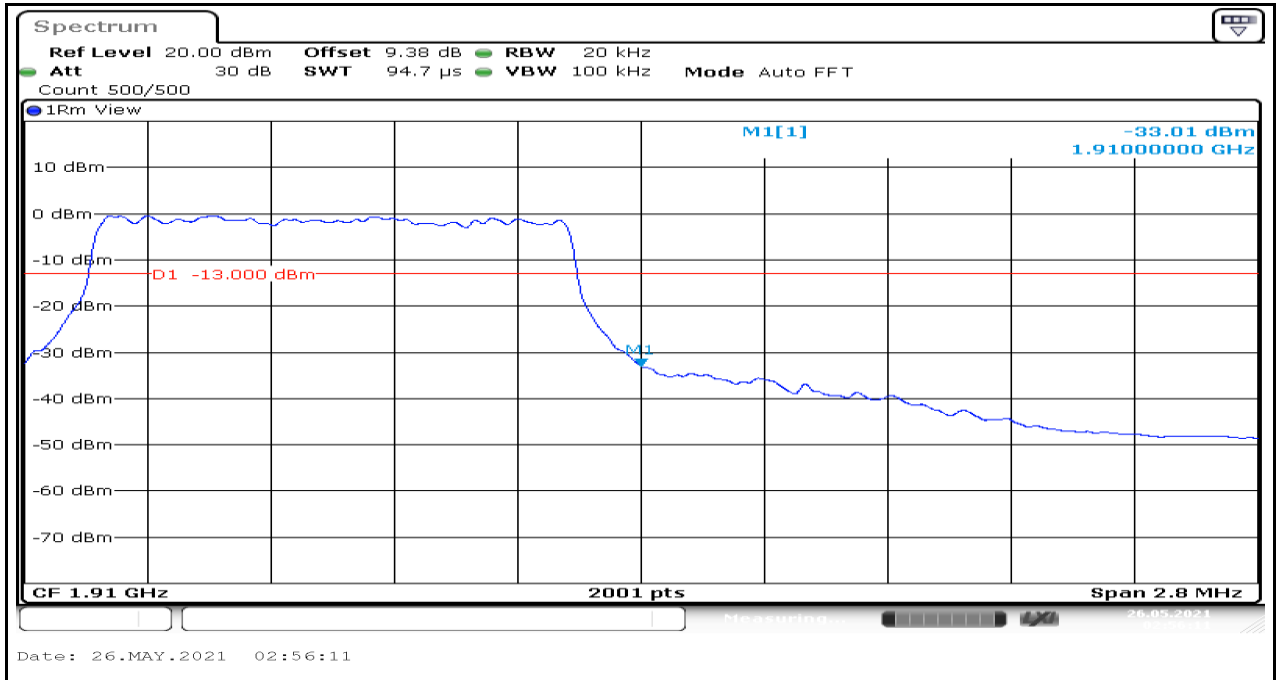
Band2-1.4MHz-16QAM-18607-6-0-Low--32.04-PASS



Band2-1.4MHz-16QAM-19193-1-5-Low--30.26-PASS



Band2-1.4MHz-16QAM-19193-6-0-Low--33.01-PASS



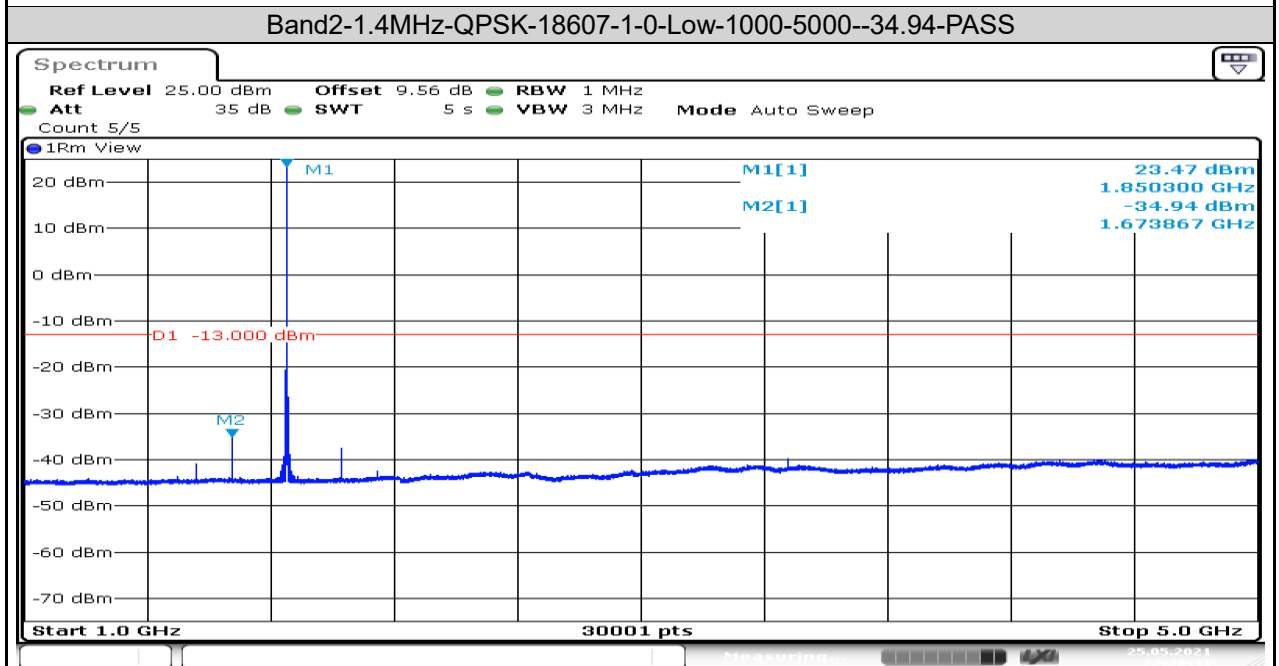
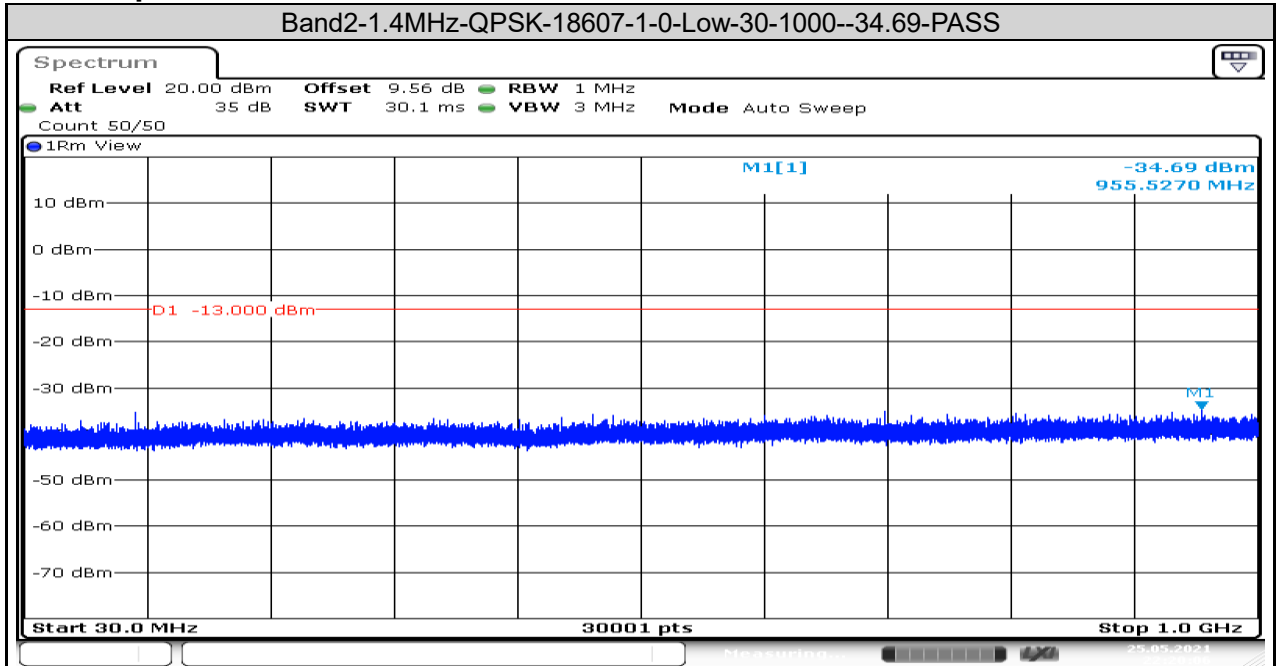
APPENDIX A.5: CONDUCTED SPURIOUS EMISSION FOR M1

Test Result

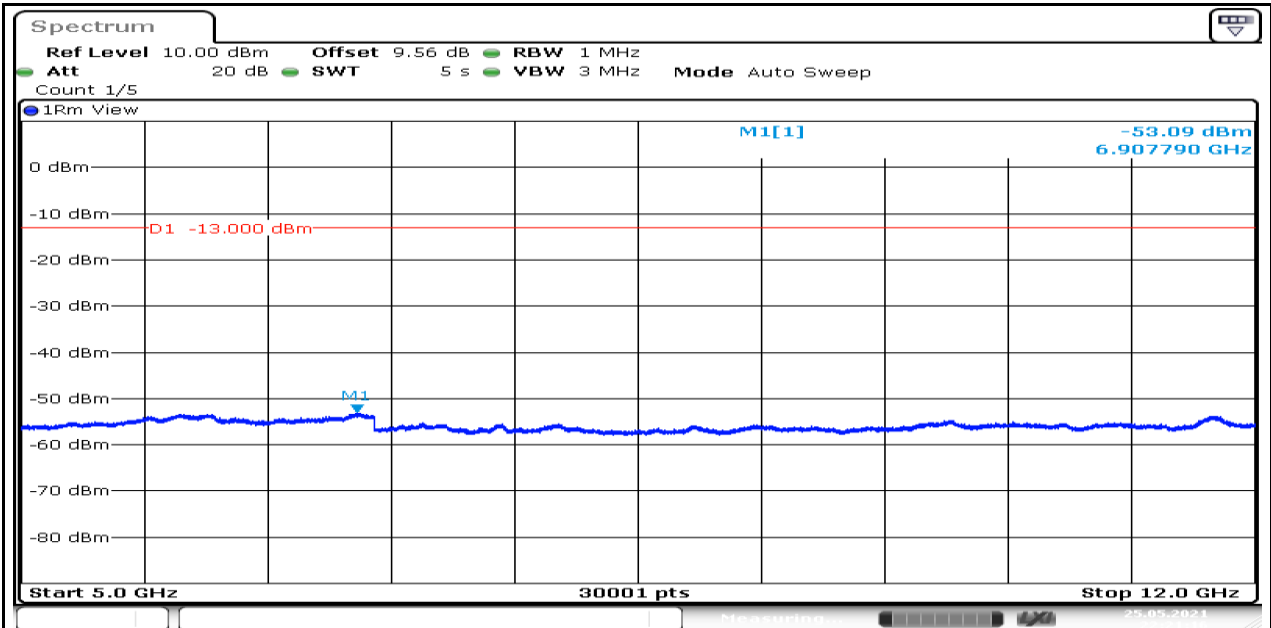
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	Low	30	1000	-34.69	PASS
Band2	1.4MHz	18607	QPSK	1	0	Low	1000	5000	-34.94	PASS
Band2	1.4MHz	18607	QPSK	1	0	Low	5000	12000	-53.09	PASS
Band2	1.4MHz	18607	QPSK	1	0	Low	12000	26500	-48.98	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	30	1000	-35.4	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	1000	5000	-37.56	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	5000	12000	-53.06	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	12000	26500	-49.06	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	30	1000	-35.51	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	1000	5000	-34.66	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	5000	12000	-53.28	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	12000	26500	-49.15	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	30	1000	-34.37	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	1000	5000	-37.1	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	5000	12000	-53.11	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	12000	26500	-49.42	PASS
Band2	1.4MHz	19193	QPSK	1	5	Low	30	1000	-35.12	PASS
Band2	1.4MHz	19193	QPSK	1	5	Low	1000	5000	-34.41	PASS
Band2	1.4MHz	19193	QPSK	1	5	Low	5000	12000	-53.17	PASS
Band2	1.4MHz	19193	QPSK	1	5	Low	12000	26500	-49.1	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	30	1000	-35.19	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	1000	5000	-36.74	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	5000	12000	-53.21	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	12000	26500	-49.27	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	30	1000	-35.18	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	1000	5000	-35.66	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	5000	12000	-53.15	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	12000	26500	-49.05	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	30	1000	-35.06	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	1000	5000	-37.48	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	5000	12000	-53	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	12000	26500	-48.84	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	30	1000	-34.76	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	1000	5000	-35.16	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	5000	12000	-53.18	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	12000	26500	-49.15	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	30	1000	-35.34	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	1000	5000	-37.18	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	5000	12000	-53.22	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	12000	26500	-48.89	PASS
Band2	1.4MHz	19193	16QAM	1	5	Low	30	1000	-34.79	PASS
Band2	1.4MHz	19193	16QAM	1	5	Low	1000	5000	-34.95	PASS
Band2	1.4MHz	19193	16QAM	1	5	Low	5000	12000	-53.06	PASS
Band2	1.4MHz	19193	16QAM	1	5	Low	12000	26500	-49.16	PASS
Band2	1.4MHz	19193	16QAM	6	0	Low	30	1000	-33.51	PASS

Band2	1.4MHz	19193	16QAM	6	0	Low	1000	5000	-36.5	PASS
Band2	1.4MHz	19193	16QAM	6	0	Low	5000	12000	-52.96	PASS
Band2	1.4MHz	19193	16QAM	6	0	Low	12000	26500	-49.32	PASS

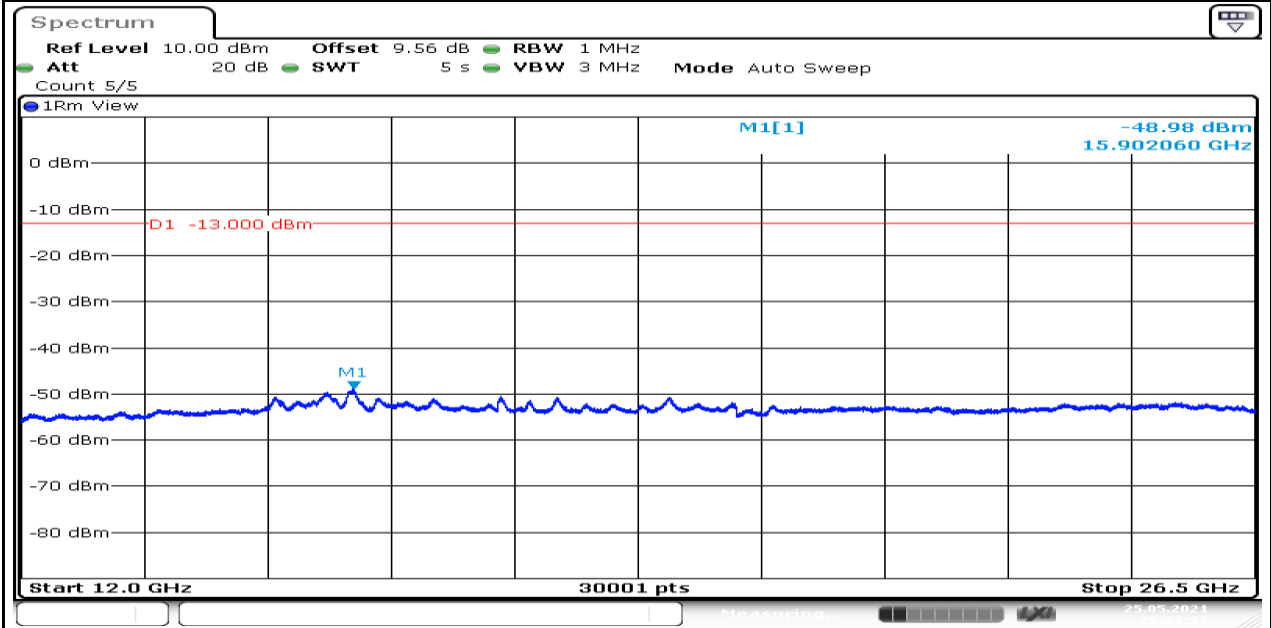
Test Graphs



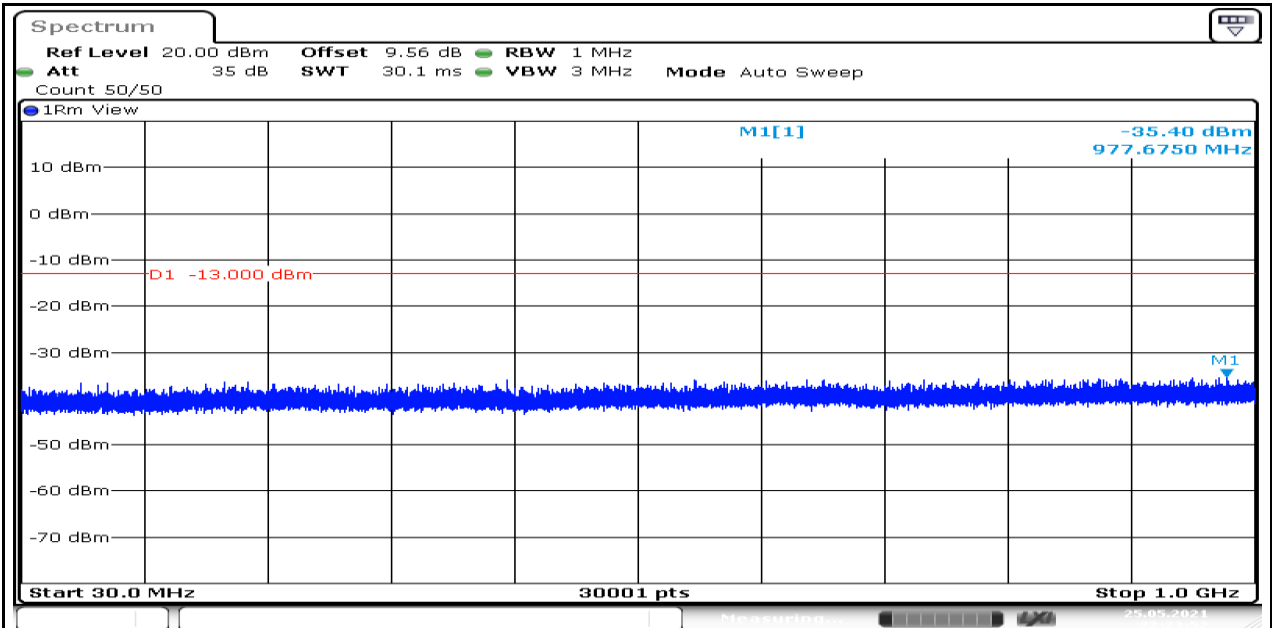
Band2-1.4MHz-QPSK-18607-1-0-Low-5000-12000--53.09-PASS



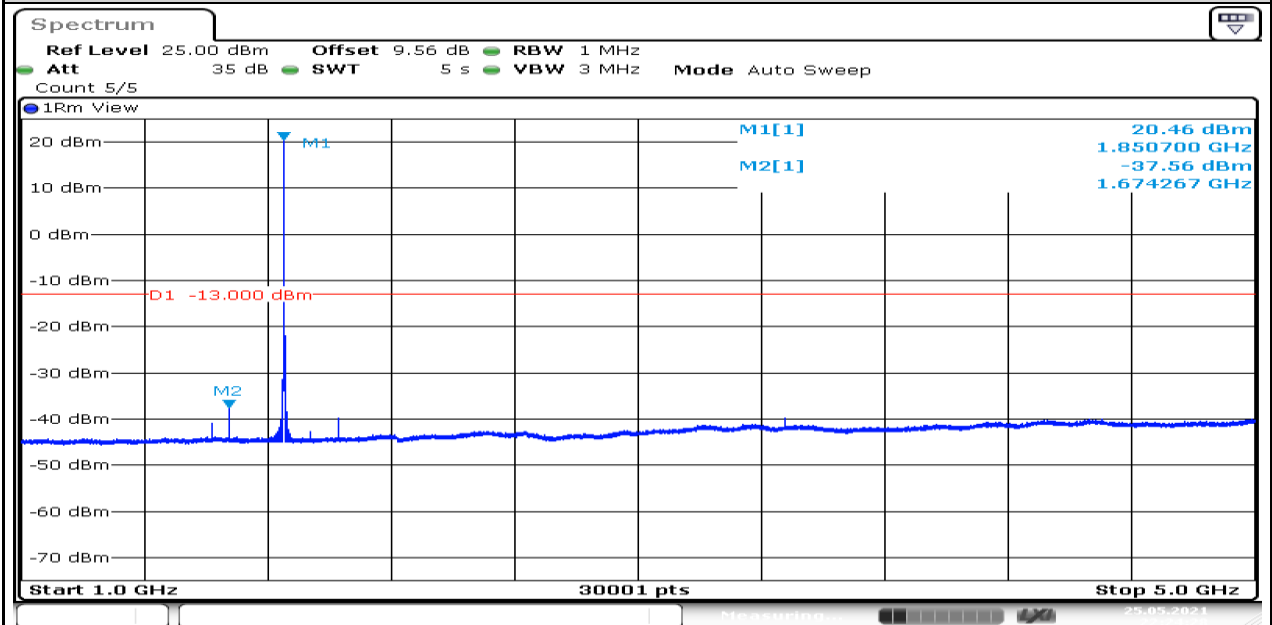
Band2-1.4MHz-QPSK-18607-1-0-Low-12000-26500--48.98-PASS



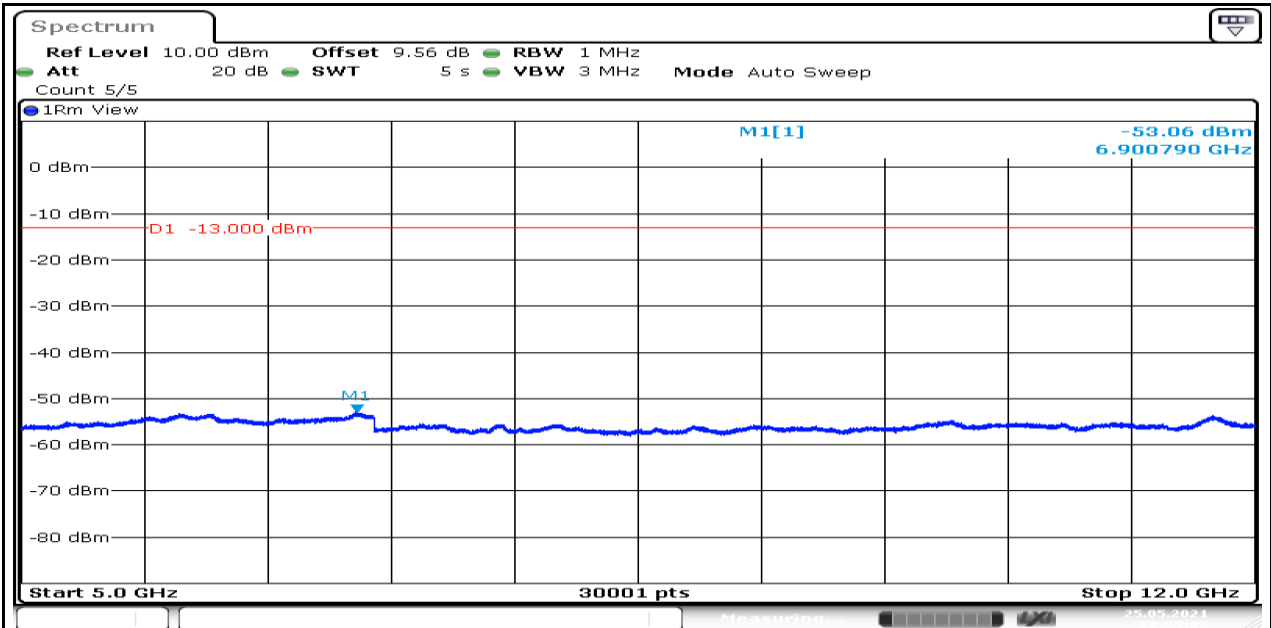
Band2-1.4MHz-QPSK-18607-6-0-Low-30-1000--35.4-PASS



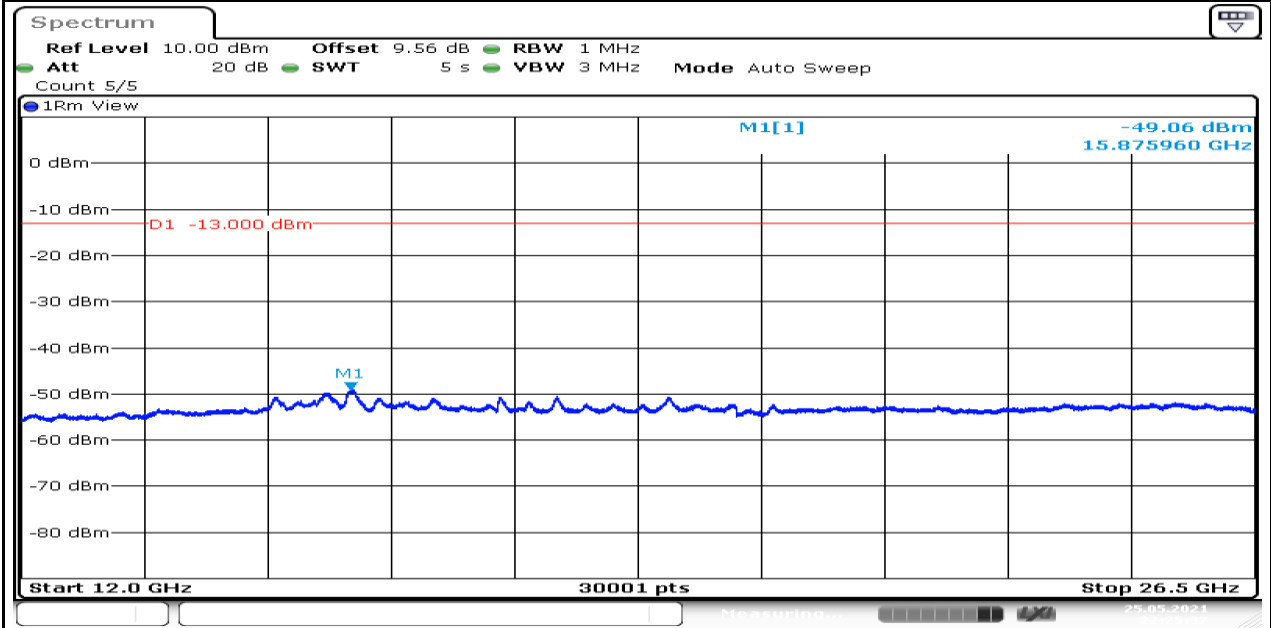
Band2-1.4MHz-QPSK-18607-6-0-Low-1000-5000--37.56-PASS



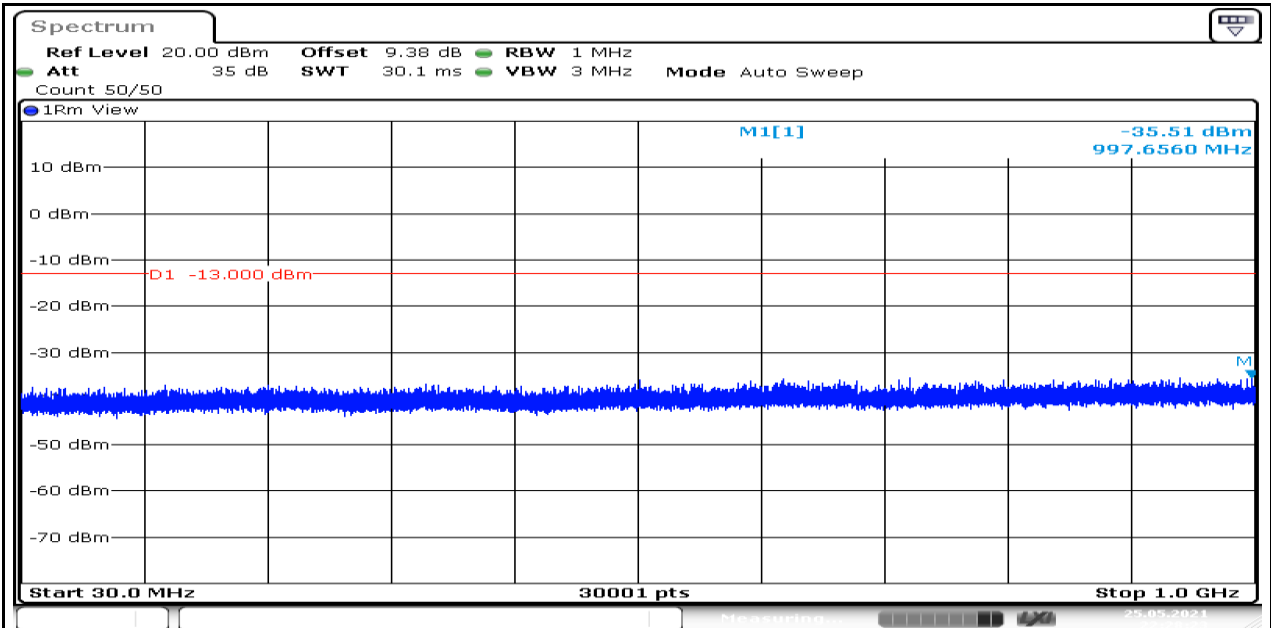
Band2-1.4MHz-QPSK-18607-6-0-Low-5000-12000--53.06-PASS



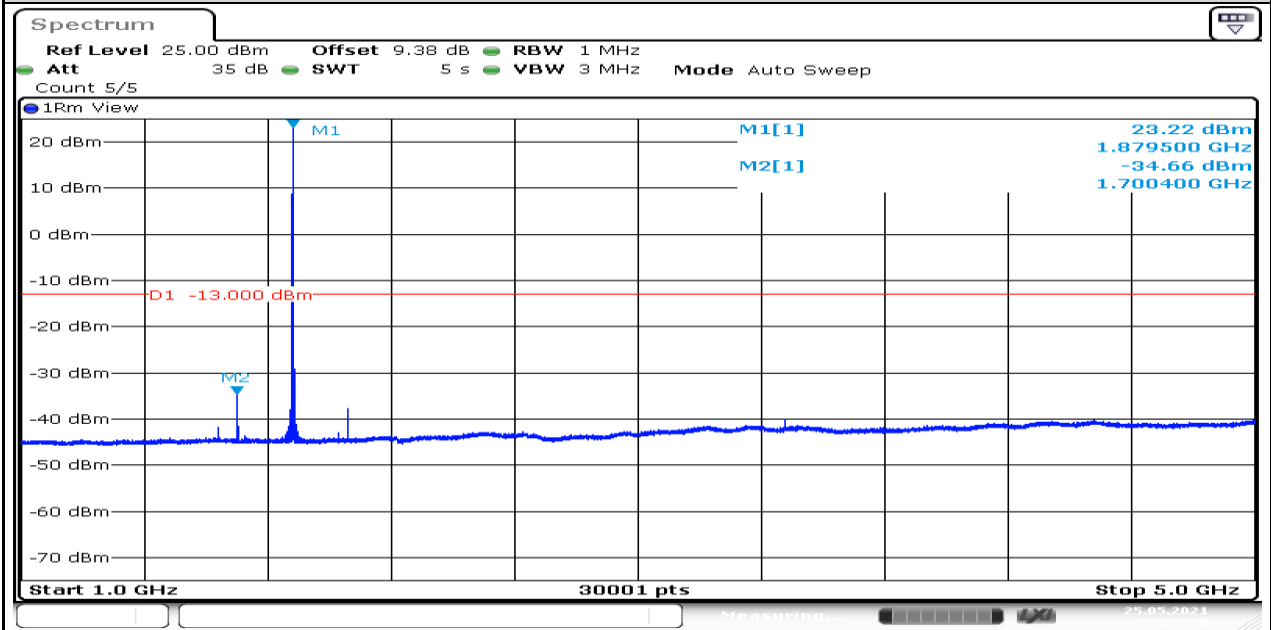
Band2-1.4MHz-QPSK-18607-6-0-Low-12000-26500--49.06-PASS



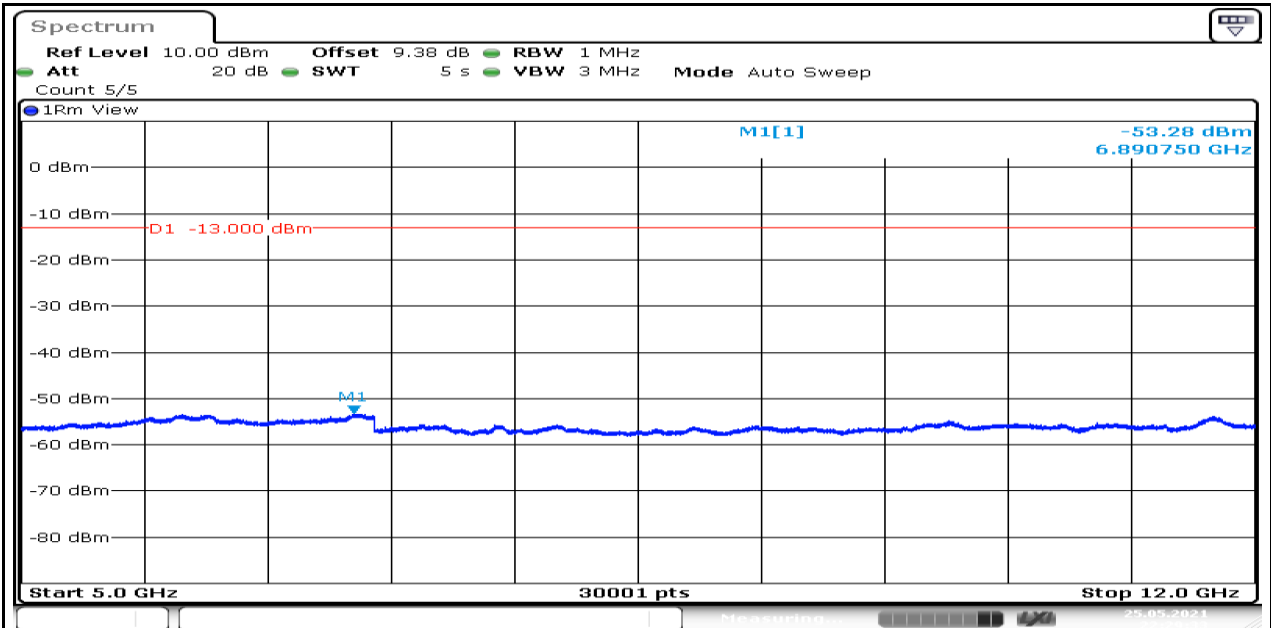
Band2-1.4MHz-QPSK-18900-1-0-Low-30-1000--35.51-PASS



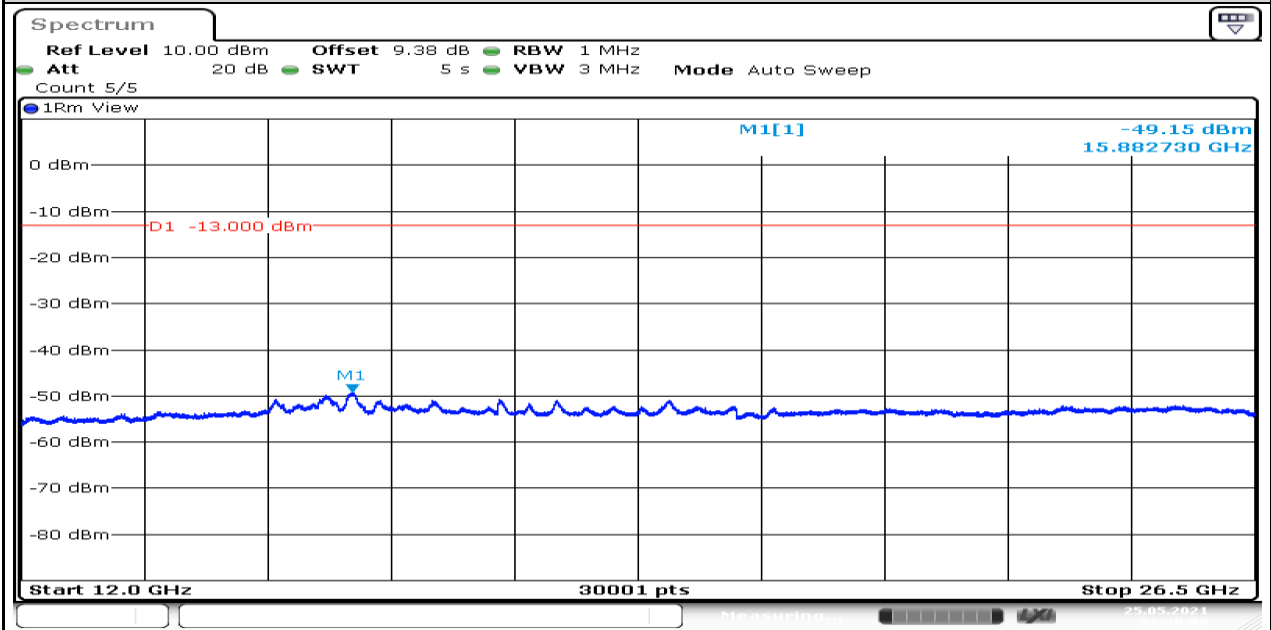
Band2-1.4MHz-QPSK-18900-1-0-Low-1000-5000--34.66-PASS



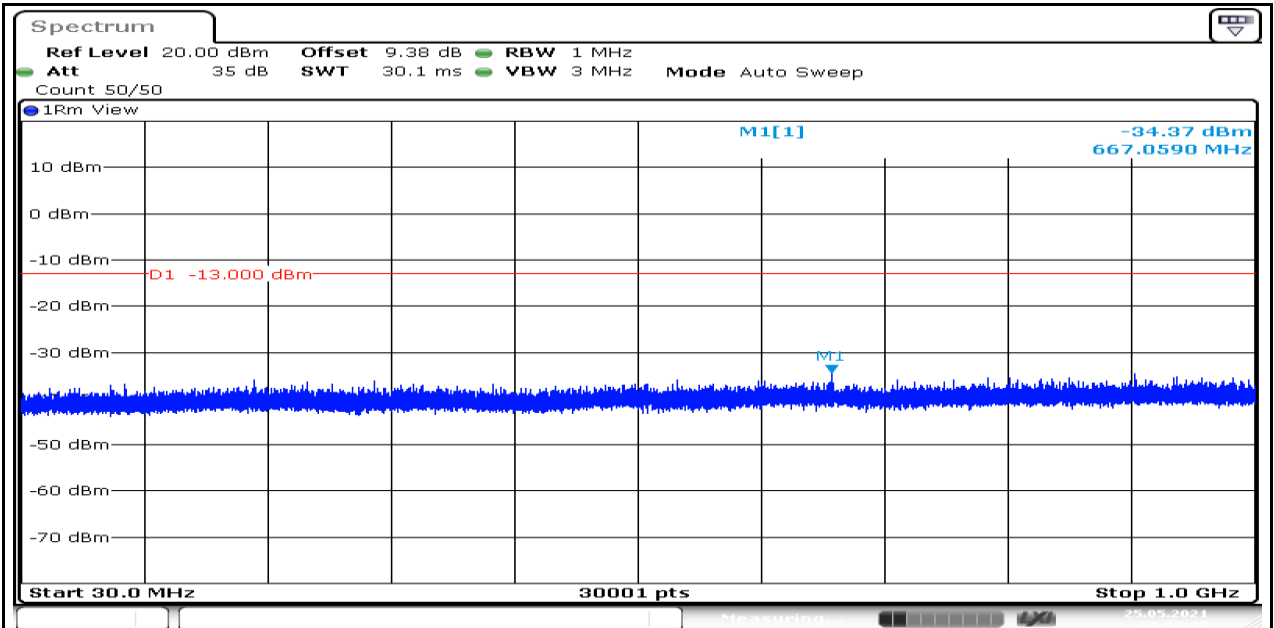
Band2-1.4MHz-QPSK-18900-1-0-Low-5000-12000--53.28-PASS



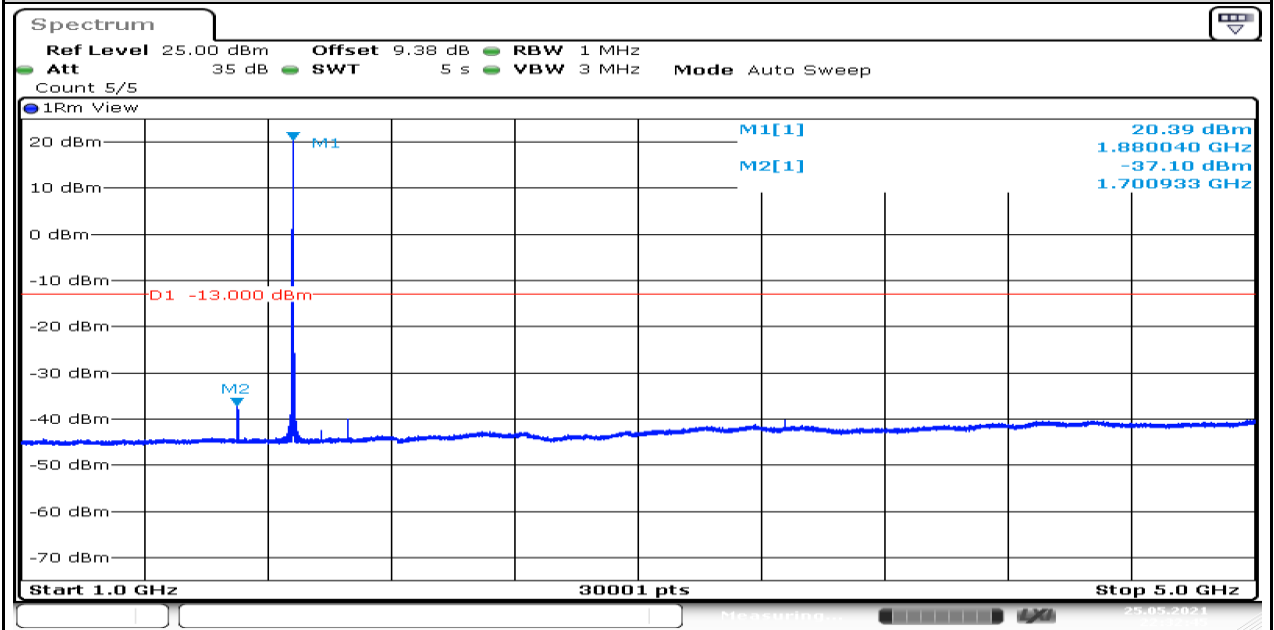
Band2-1.4MHz-QPSK-18900-1-0-Low-12000-26500--49.15-PASS



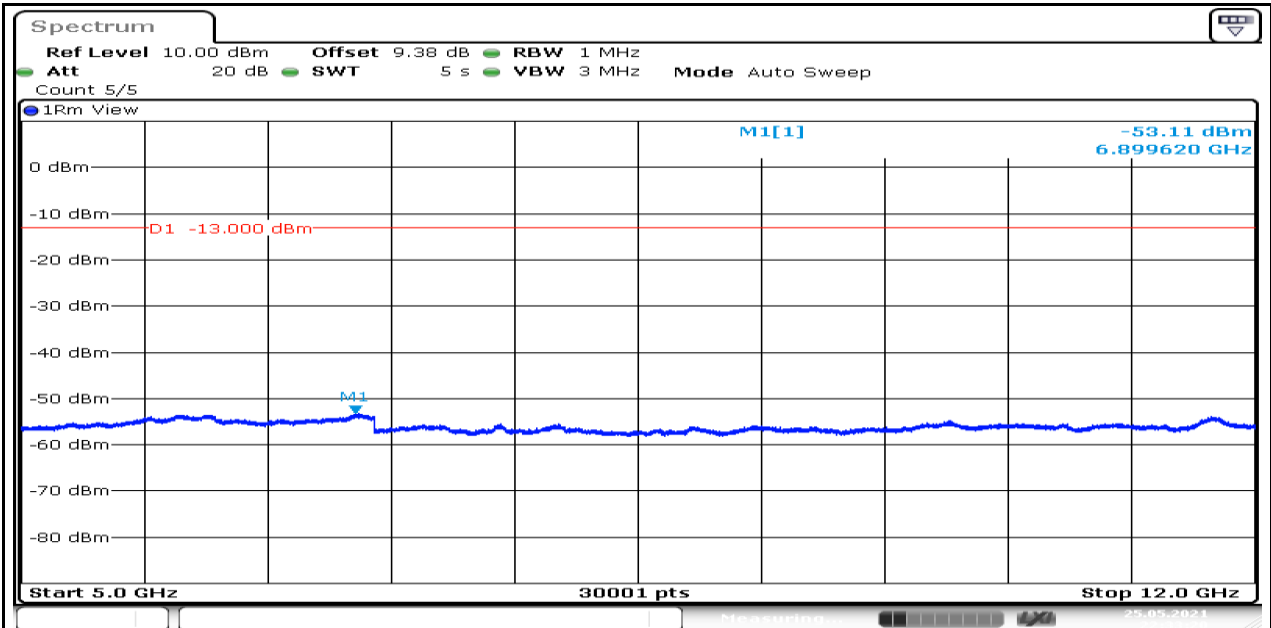
Band2-1.4MHz-QPSK-18900-6-0-Low-30-1000--34.37-PASS



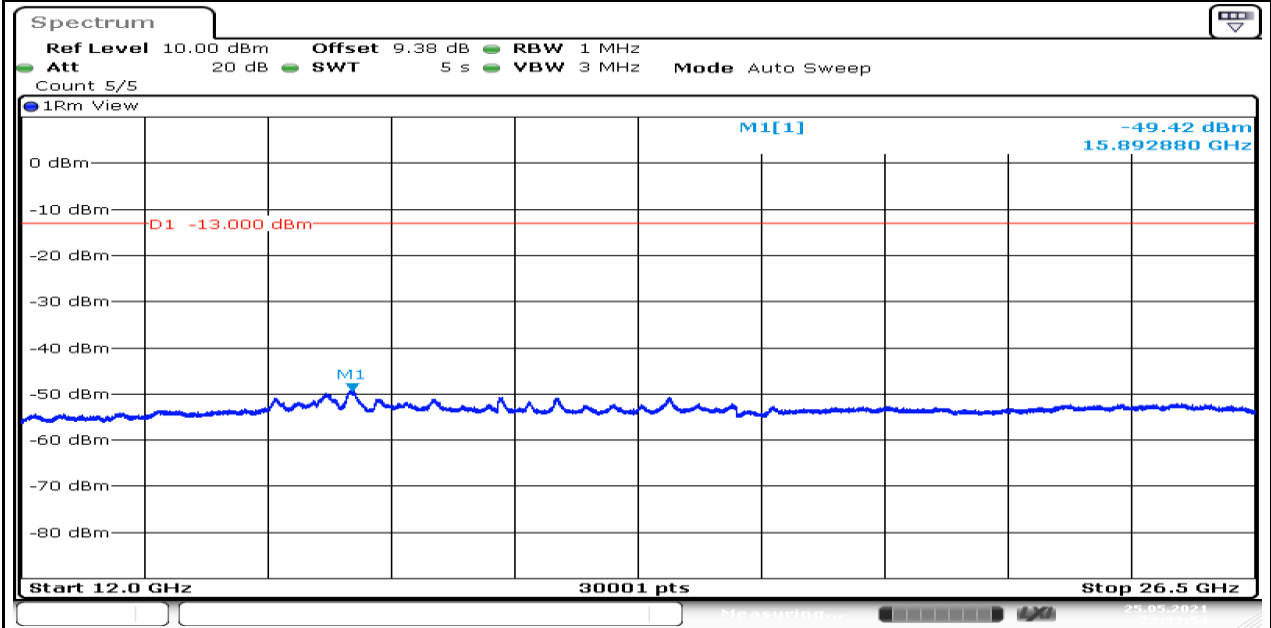
Band2-1.4MHz-QPSK-18900-6-0-Low-1000-5000--37.1-PASS



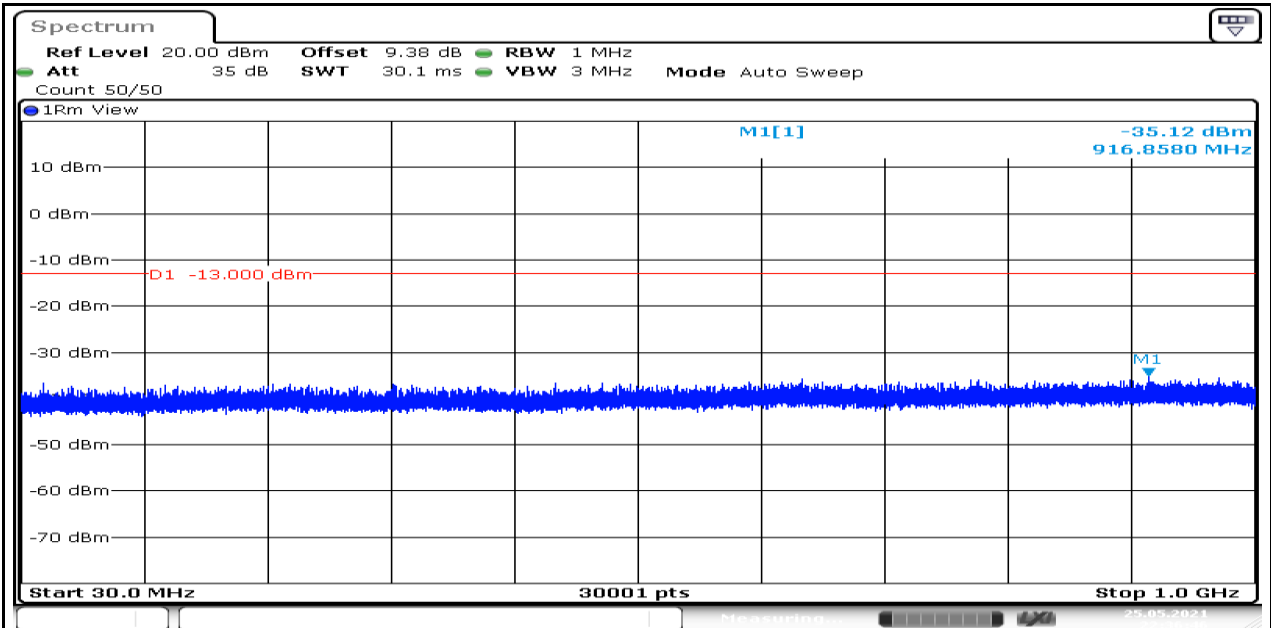
Band2-1.4MHz-QPSK-18900-6-0-Low-5000-12000--53.11-PASS



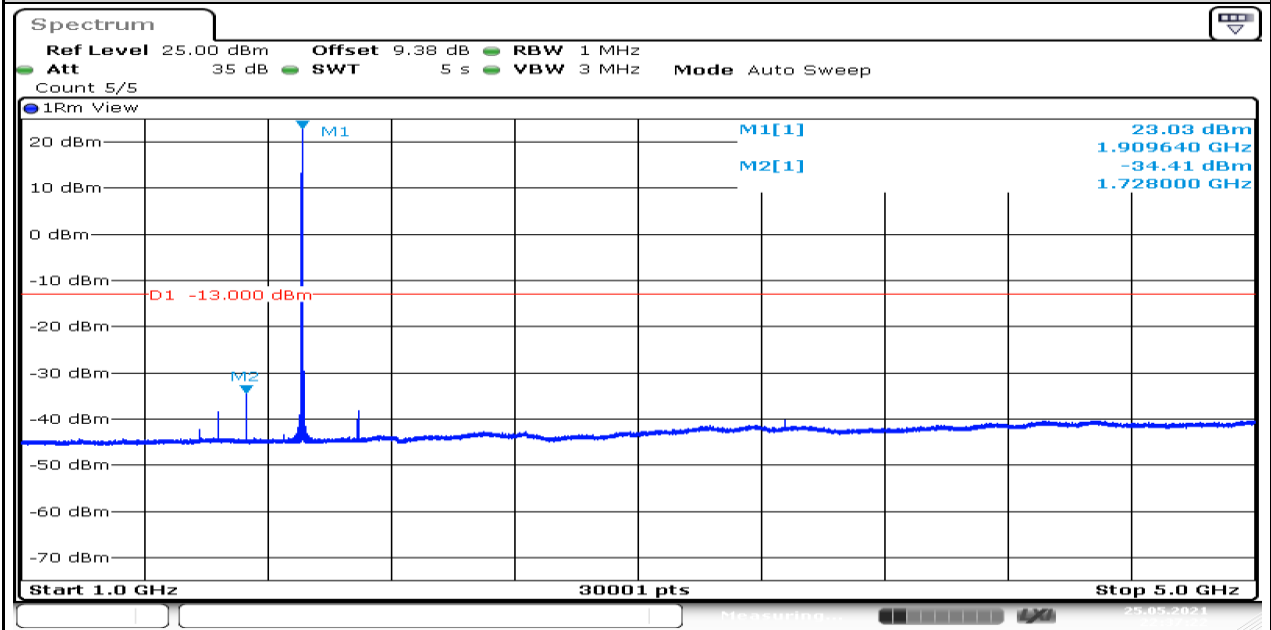
Band2-1.4MHz-QPSK-18900-6-0-Low-12000-26500--49.42-PASS



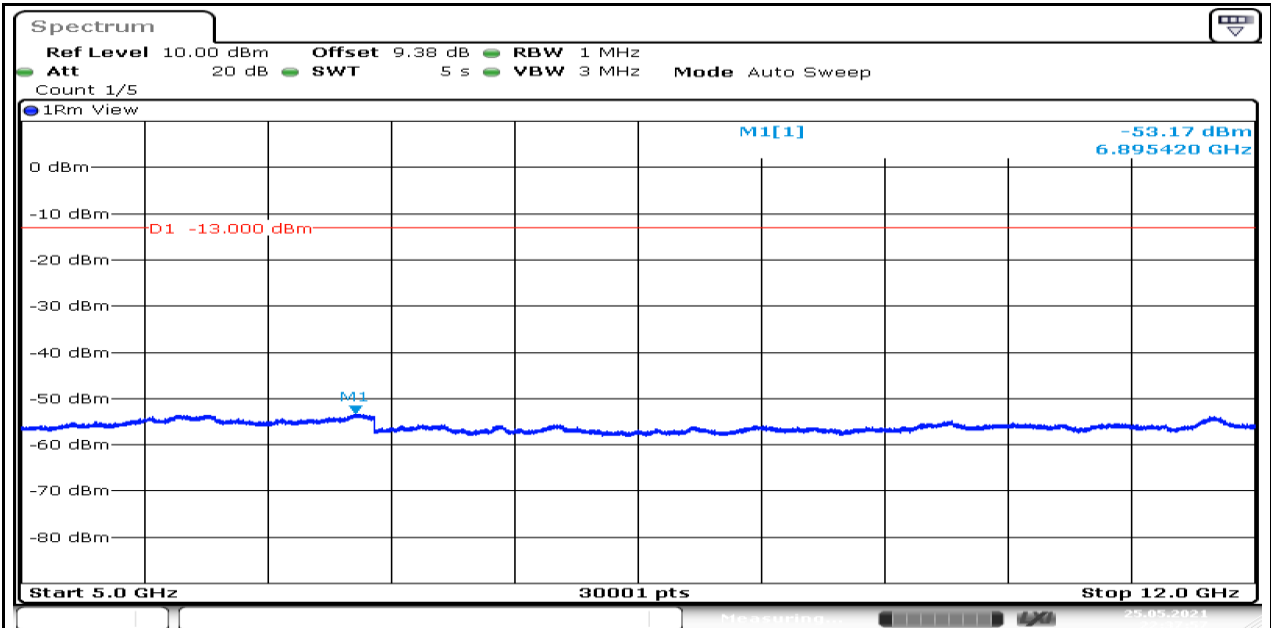
Band2-1.4MHz-QPSK-19193-1-5-Low-30-1000--35.12-PASS



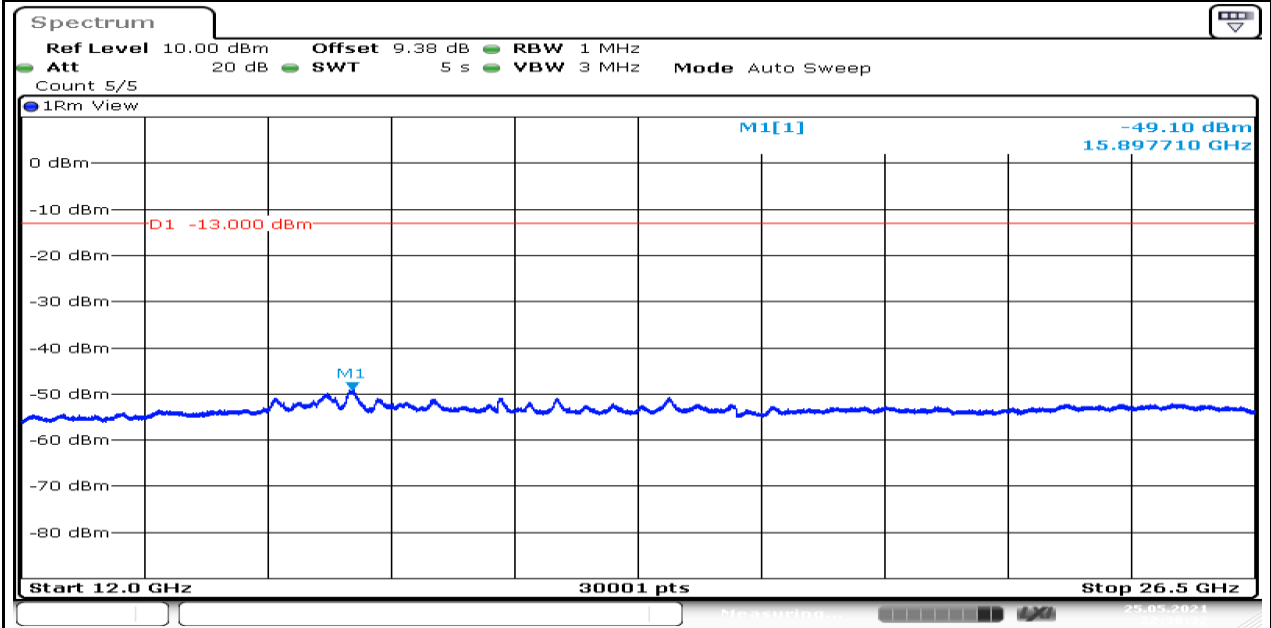
Band2-1.4MHz-QPSK-19193-1-5-Low-1000-5000--34.41-PASS



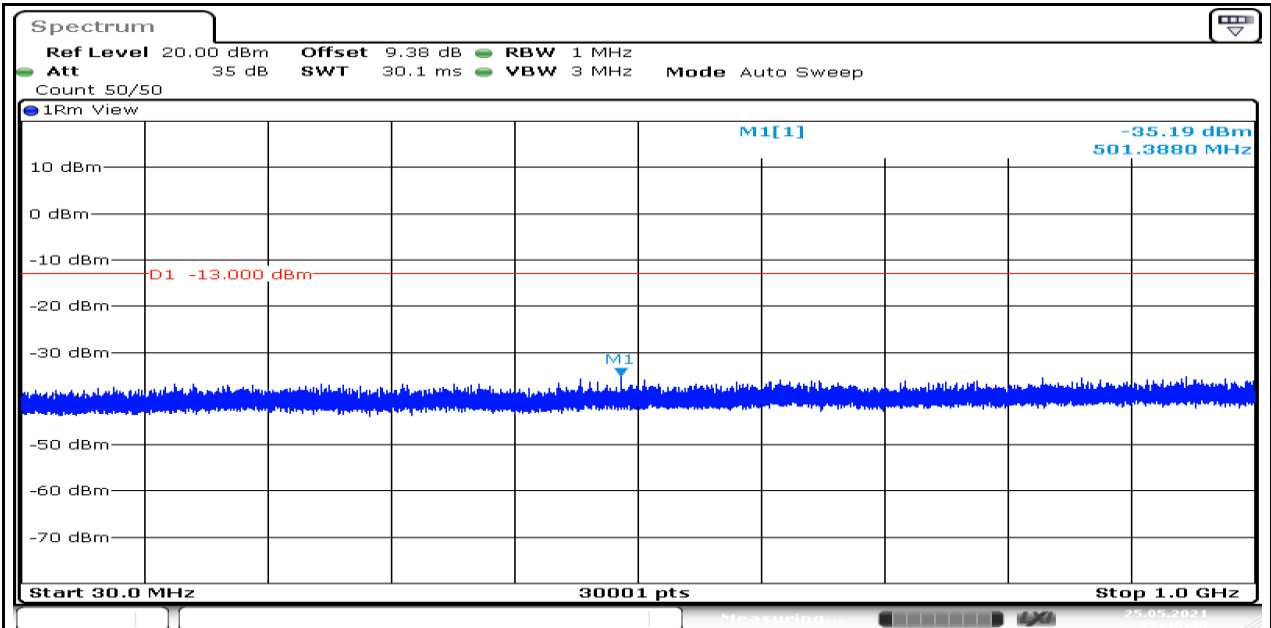
Band2-1.4MHz-QPSK-19193-1-5-Low-5000-12000--53.17-PASS



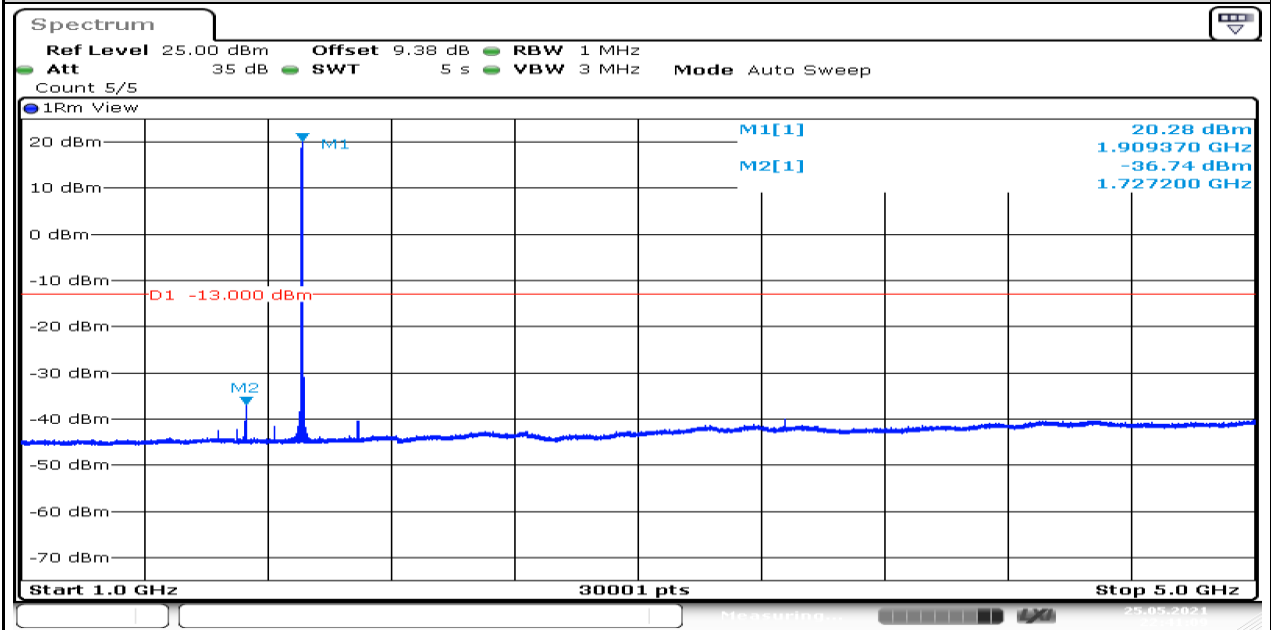
Band2-1.4MHz-QPSK-19193-1-5-Low-12000-26500--49.1-PASS



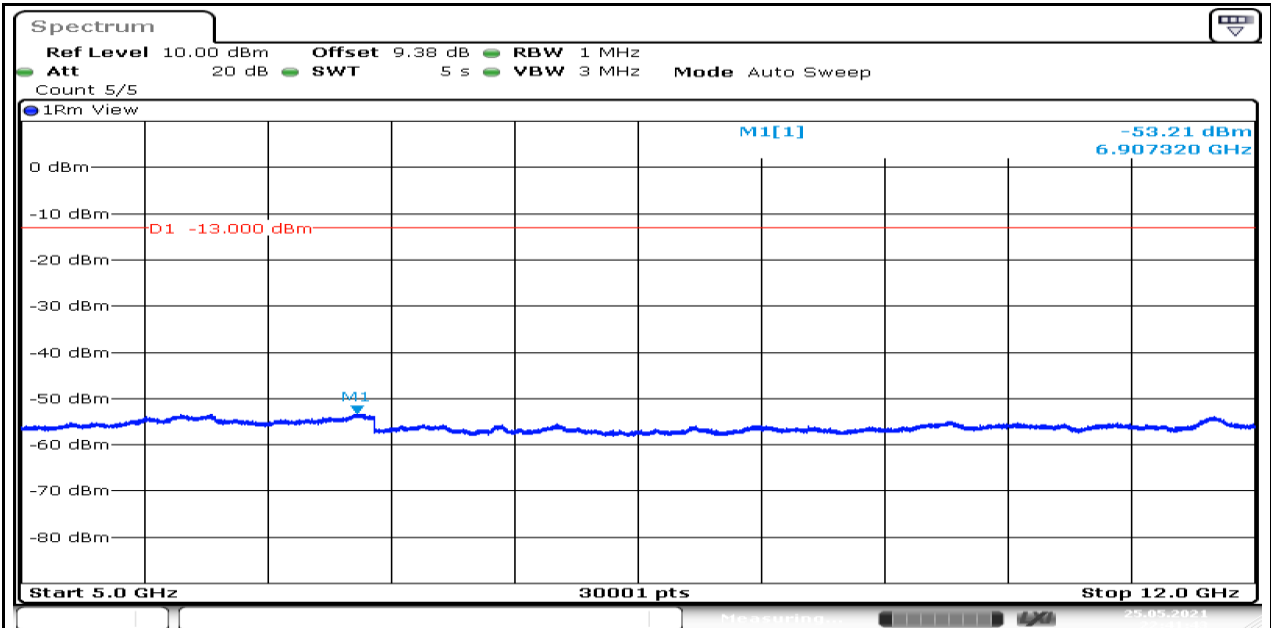
Band2-1.4MHz-QPSK-19193-6-0-Low-30-1000--35.19-PASS



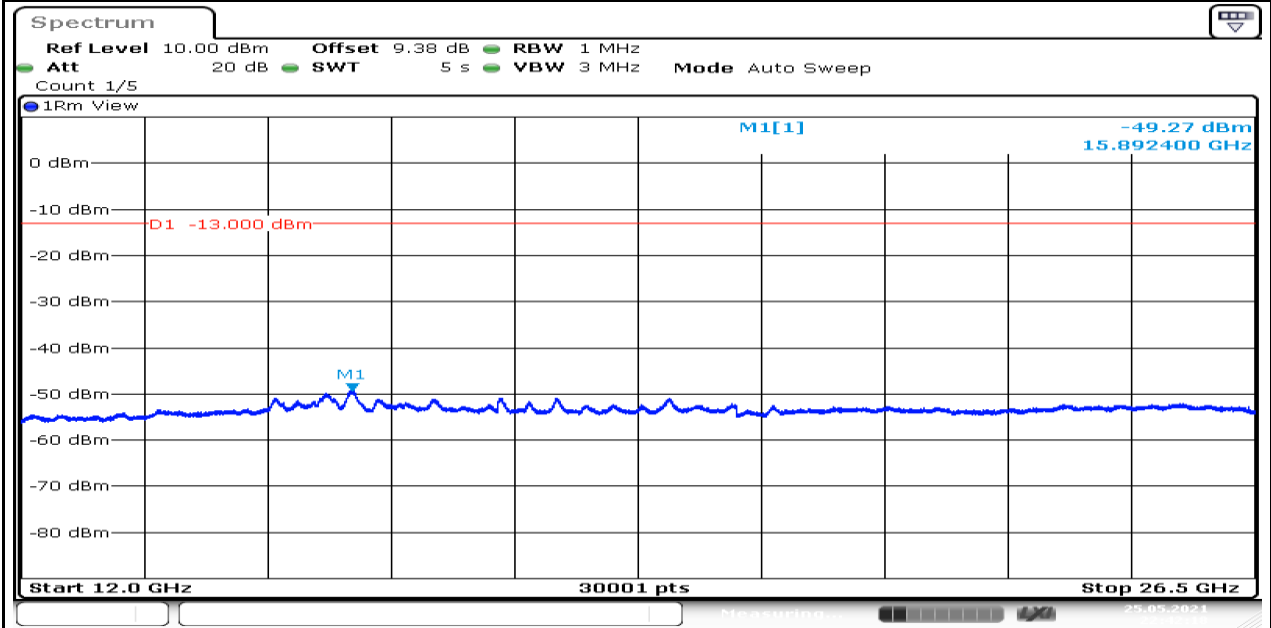
Band2-1.4MHz-QPSK-19193-6-0-Low-1000-5000--36.74-PASS



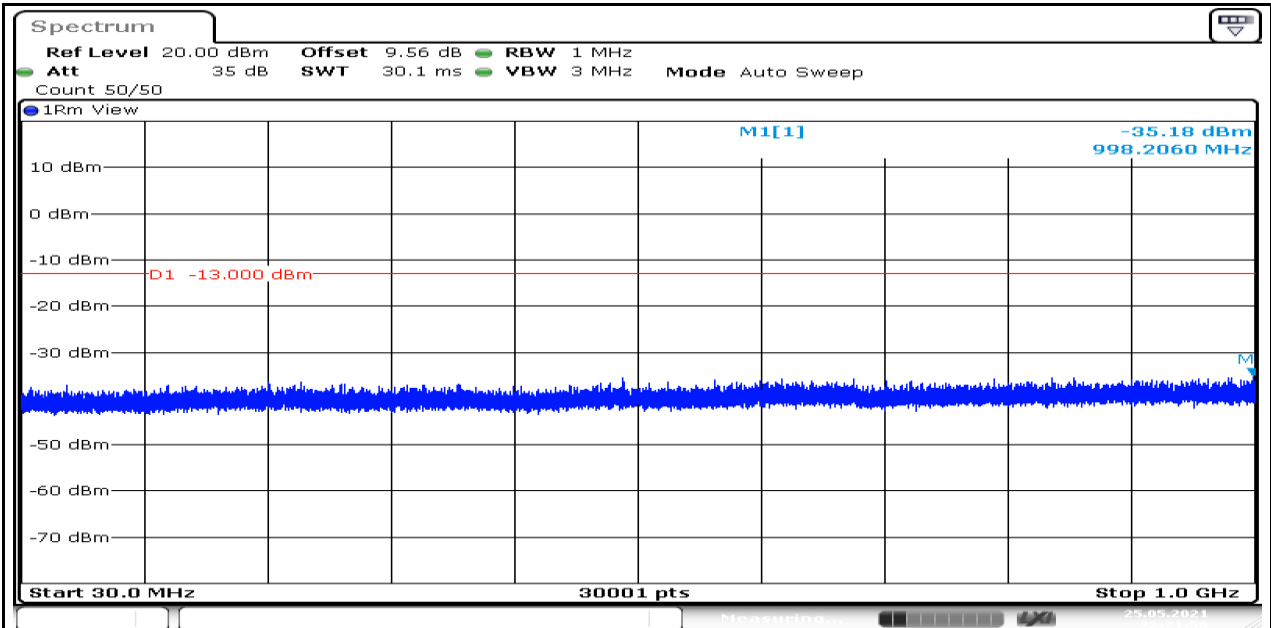
Band2-1.4MHz-QPSK-19193-6-0-Low-5000-12000--53.21-PASS



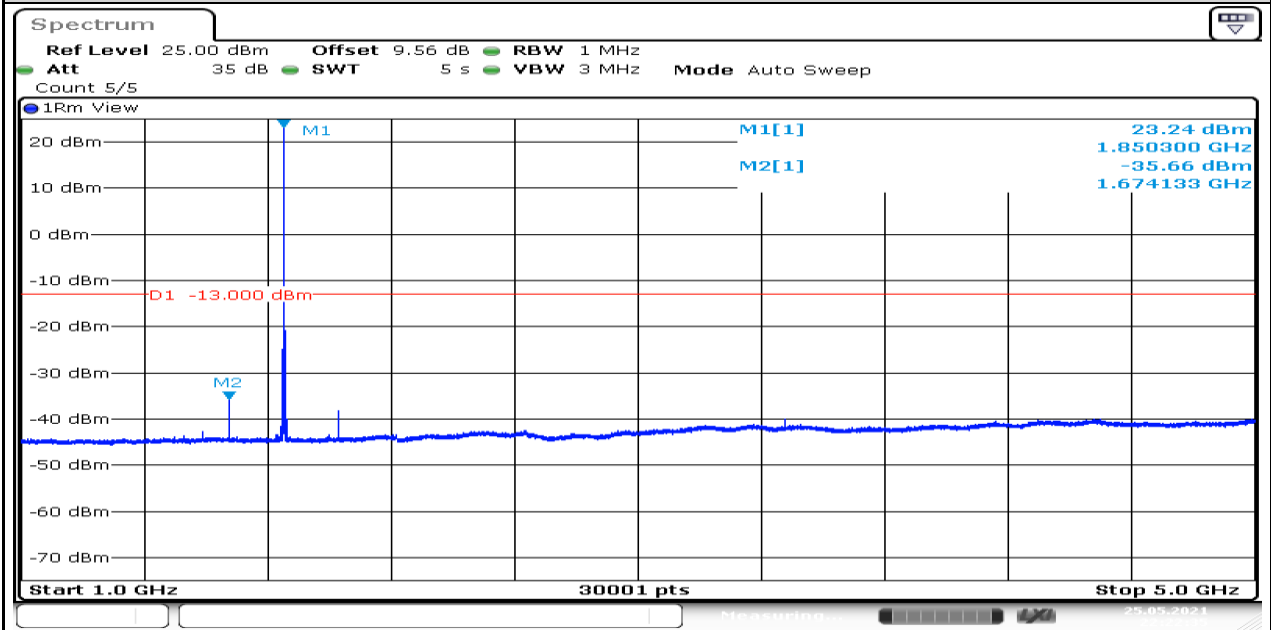
Band2-1.4MHz-QPSK-19193-6-0-Low-12000-26500--49.27-PASS



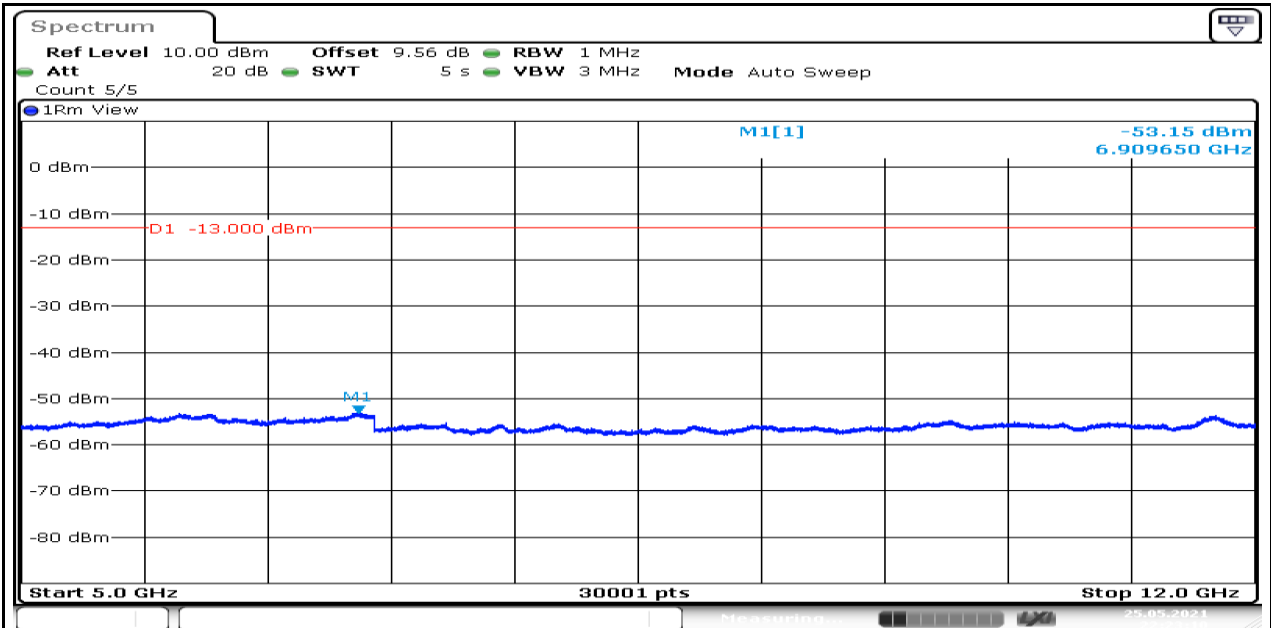
Band2-1.4MHz-16QAM-18607-1-0-Low-30-1000--35.18-PASS



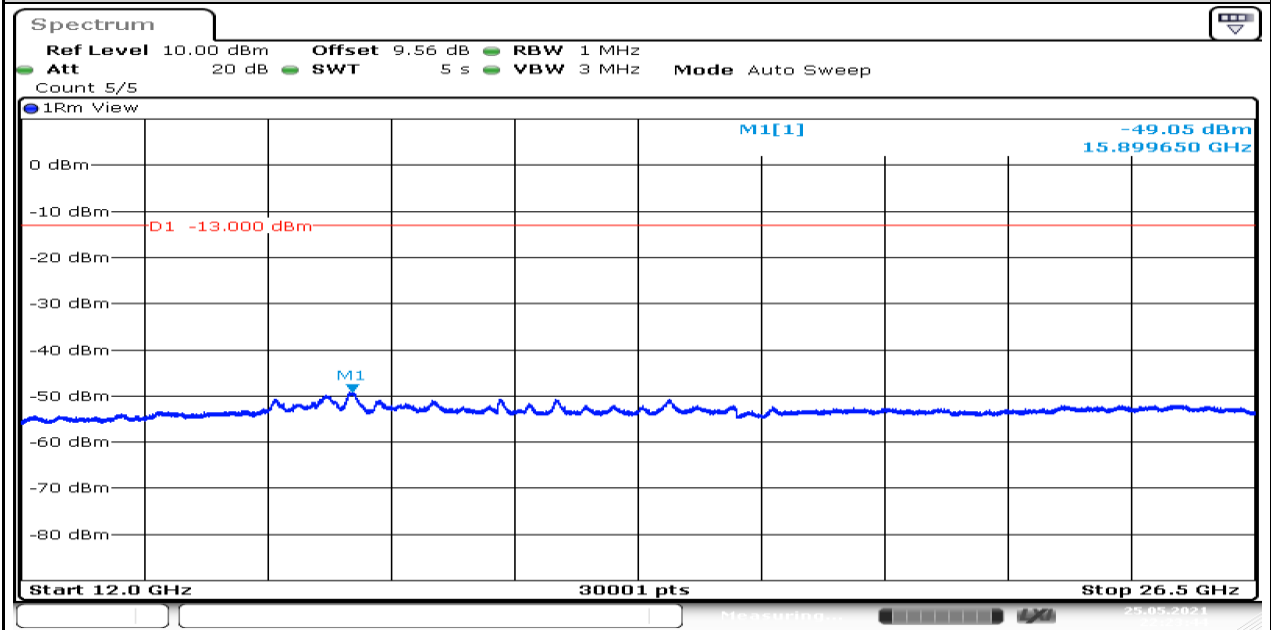
Band2-1.4MHz-16QAM-18607-1-0-Low-1000-5000--35.66-PASS



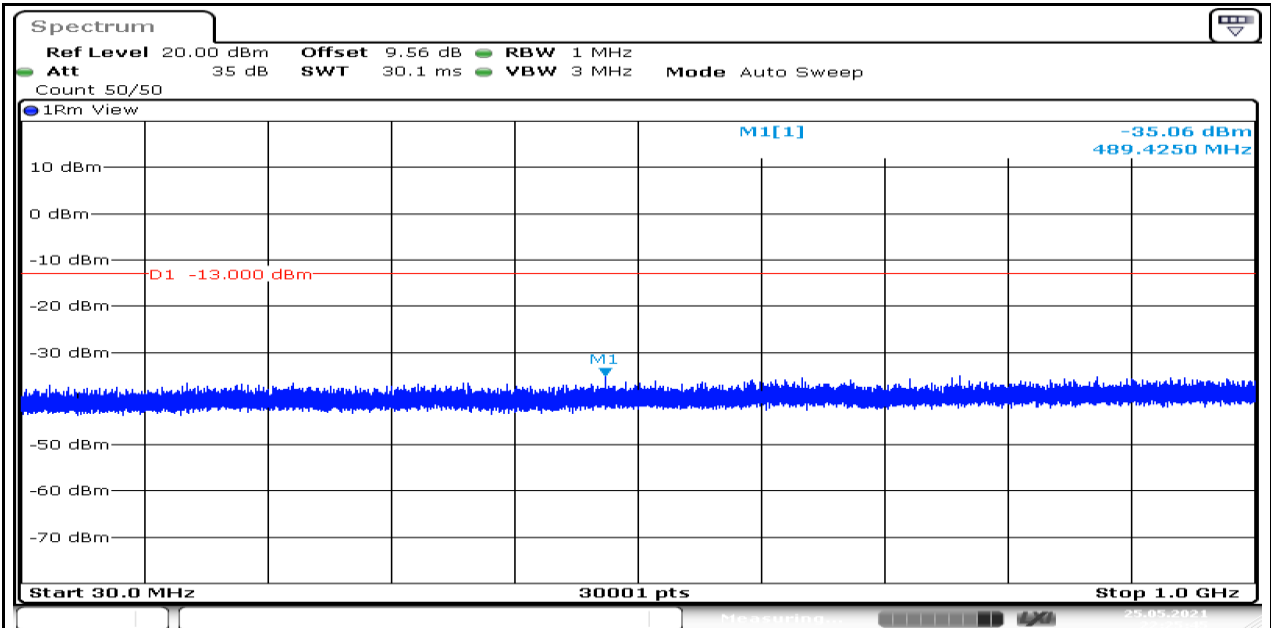
Band2-1.4MHz-16QAM-18607-1-0-Low-5000-12000--53.15-PASS



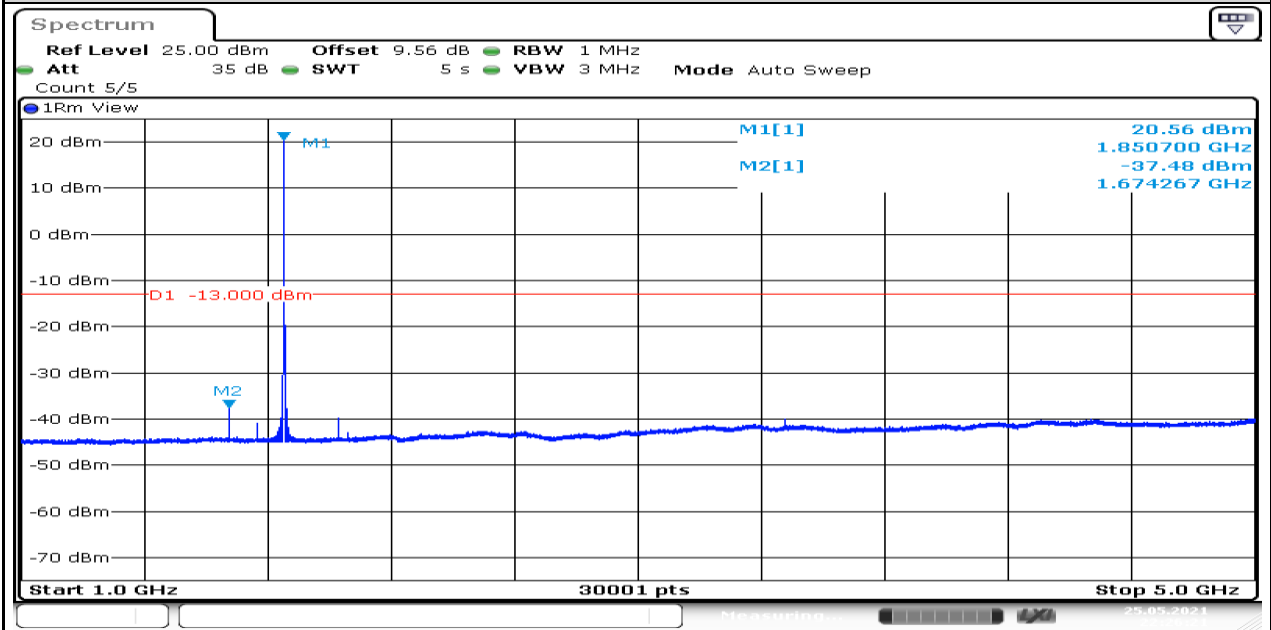
Band2-1.4MHz-16QAM-18607-1-0-Low-12000-26500--49.05-PASS



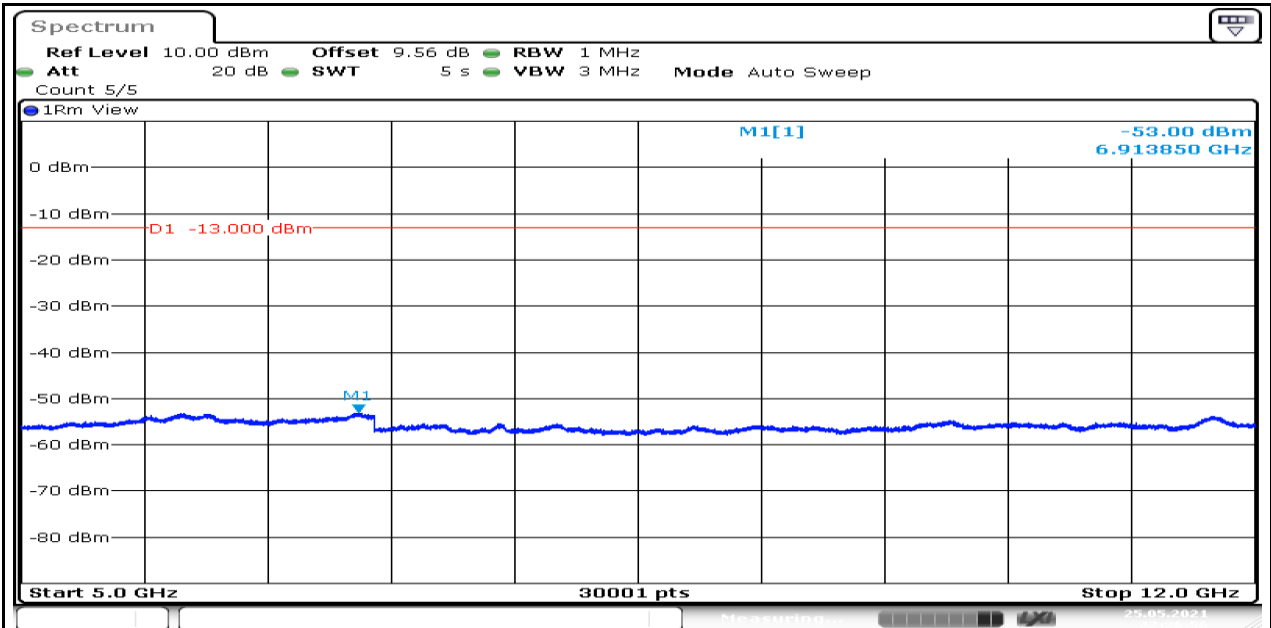
Band2-1.4MHz-16QAM-18607-6-0-Low-30-1000--35.06-PASS



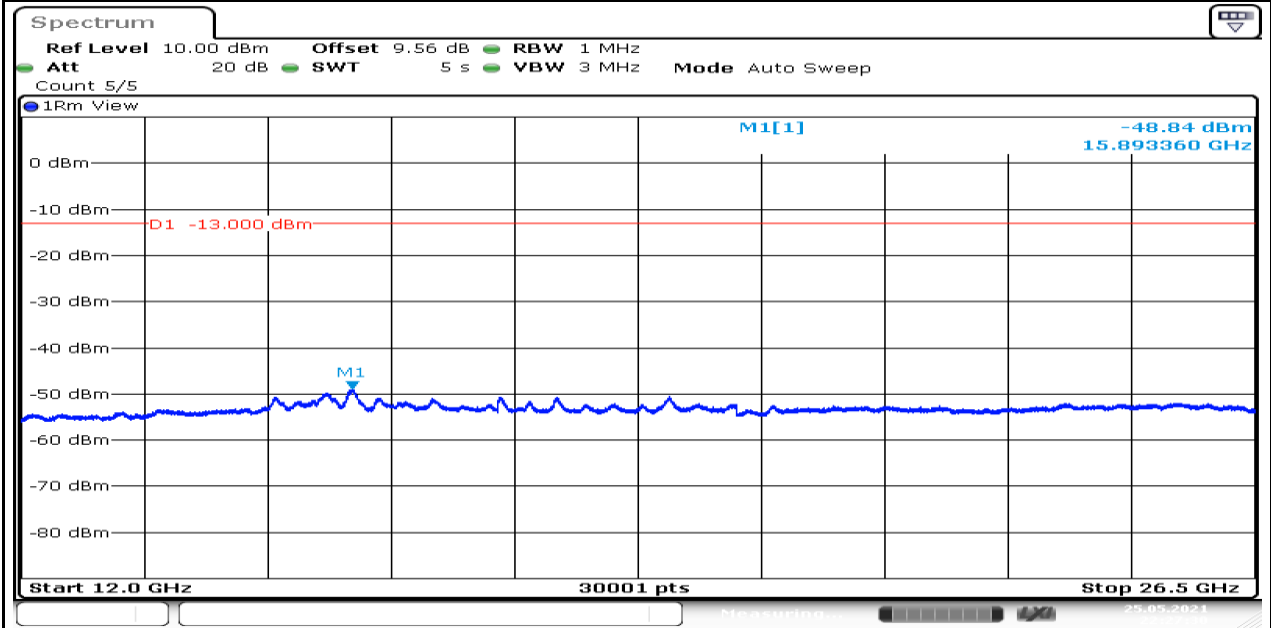
Band2-1.4MHz-16QAM-18607-6-0-Low-1000-5000--37.48-PASS



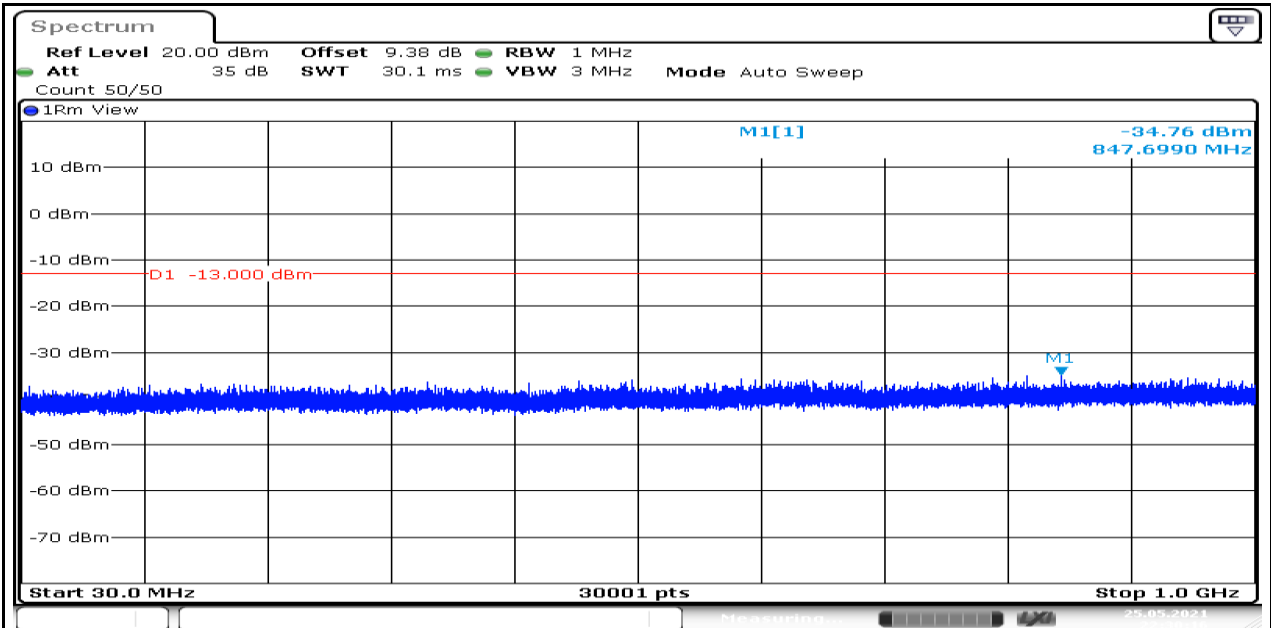
Band2-1.4MHz-16QAM-18607-6-0-Low-5000-12000--53-PASS



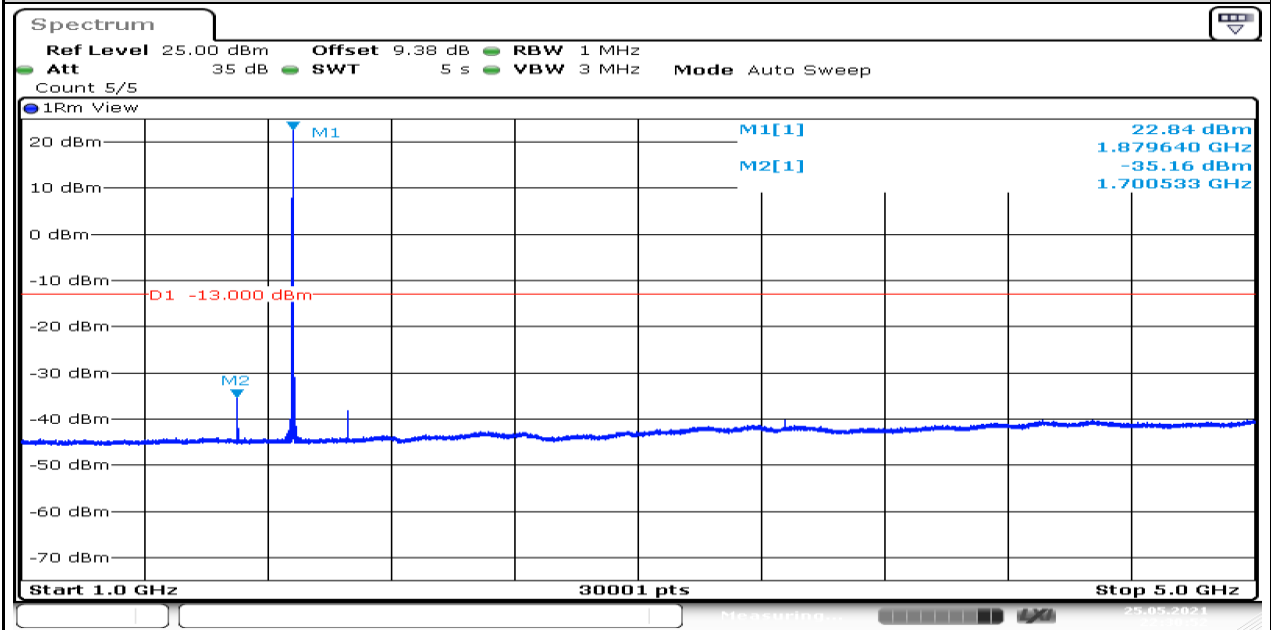
Band2-1.4MHz-16QAM-18607-6-0-Low-12000-26500--48.84-PASS



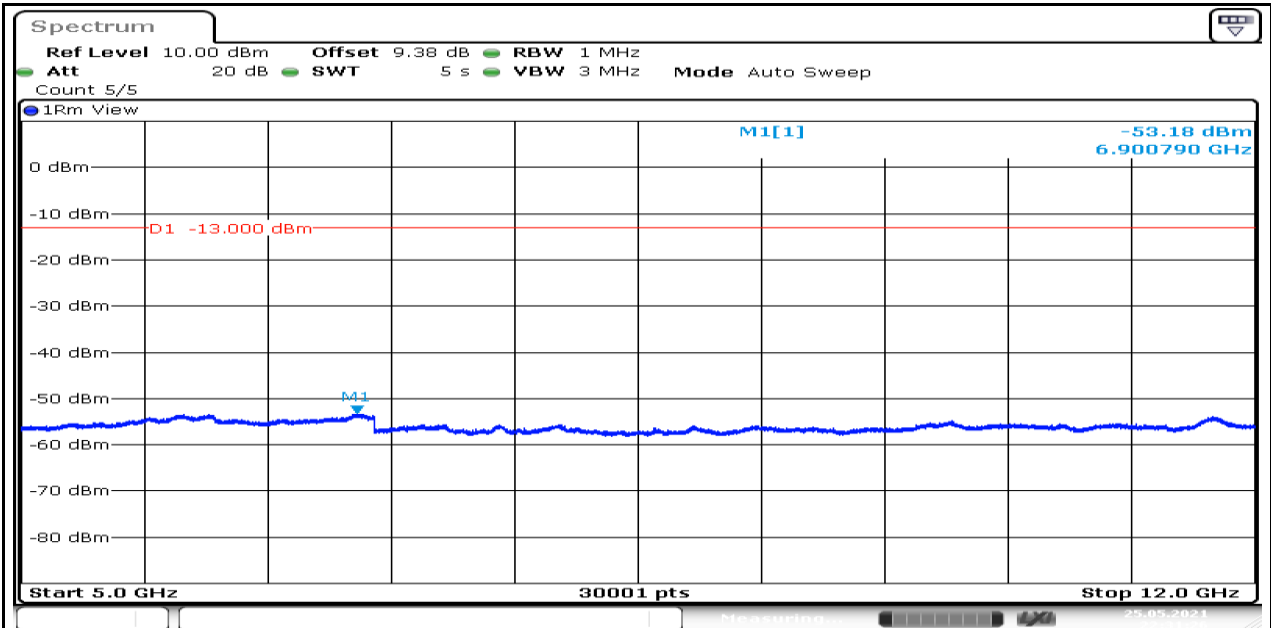
Band2-1.4MHz-16QAM-18900-1-0-Low-30-1000--34.76-PASS



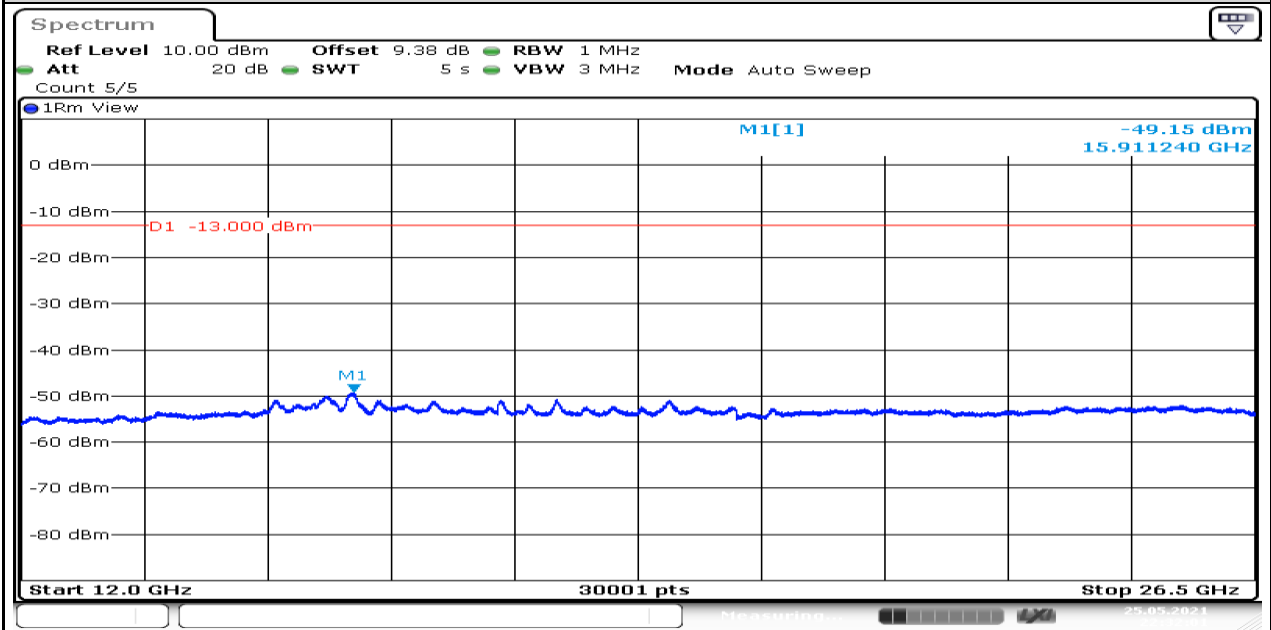
Band2-1.4MHz-16QAM-18900-1-0-Low-1000-5000--35.16-PASS



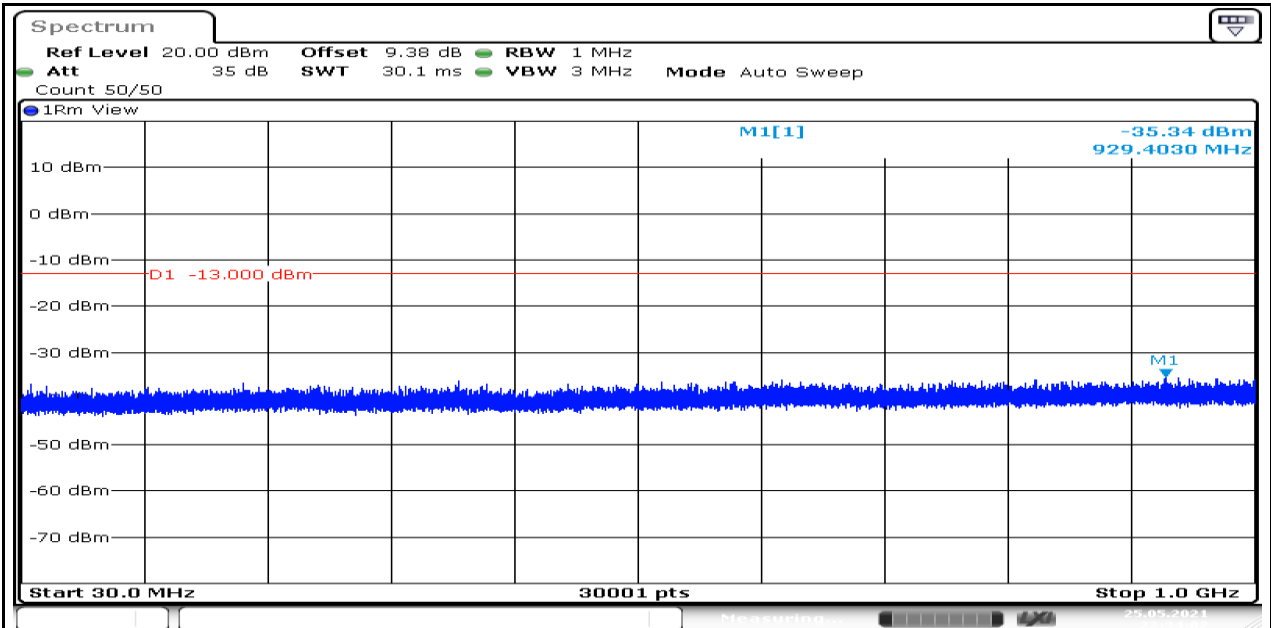
Band2-1.4MHz-16QAM-18900-1-0-Low-5000-12000--53.18-PASS



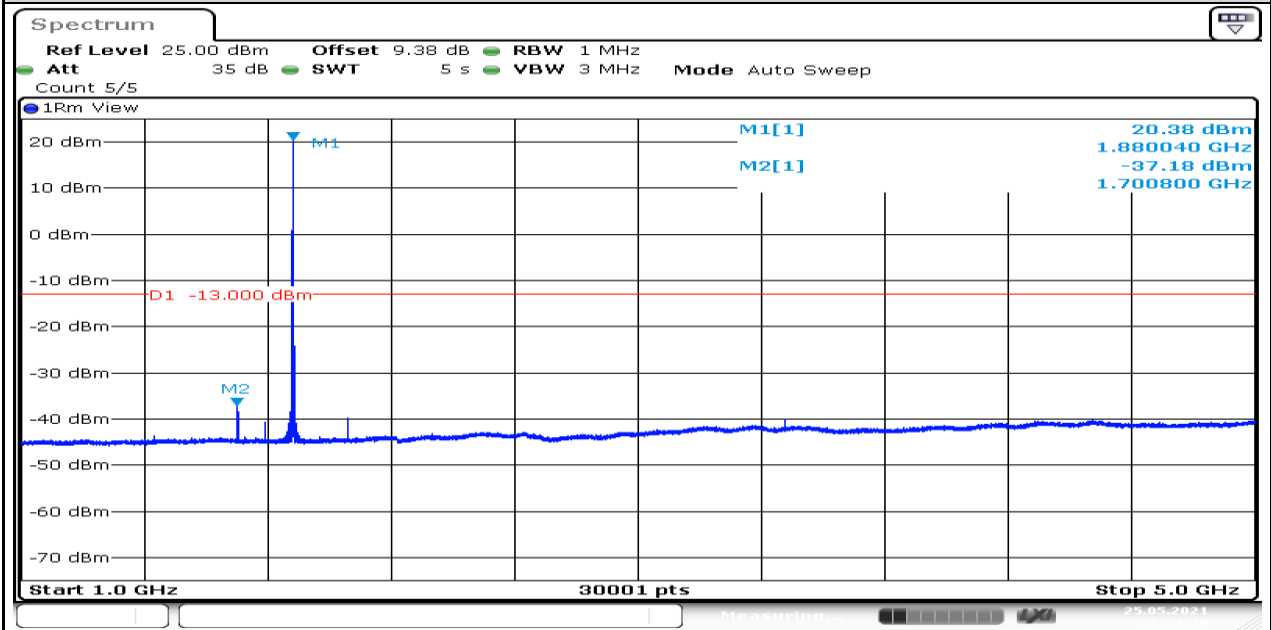
Band2-1.4MHz-16QAM-18900-1-0-Low-12000-26500--49.15-PASS



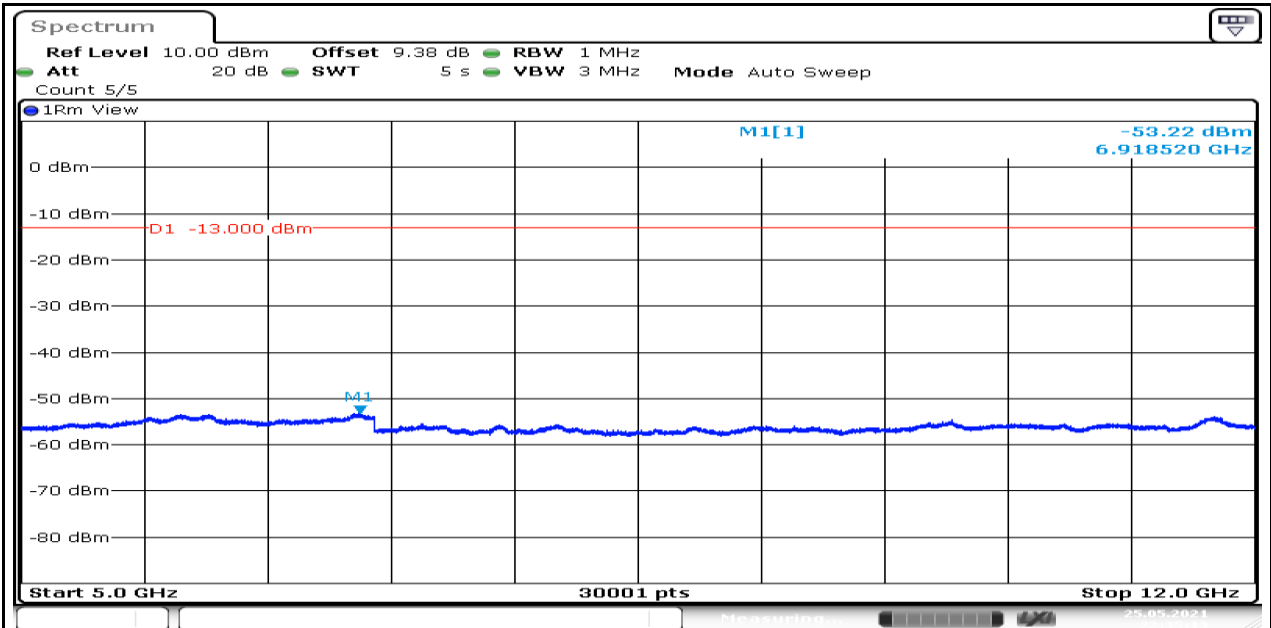
Band2-1.4MHz-16QAM-18900-6-0-Low-30-1000--35.34-PASS



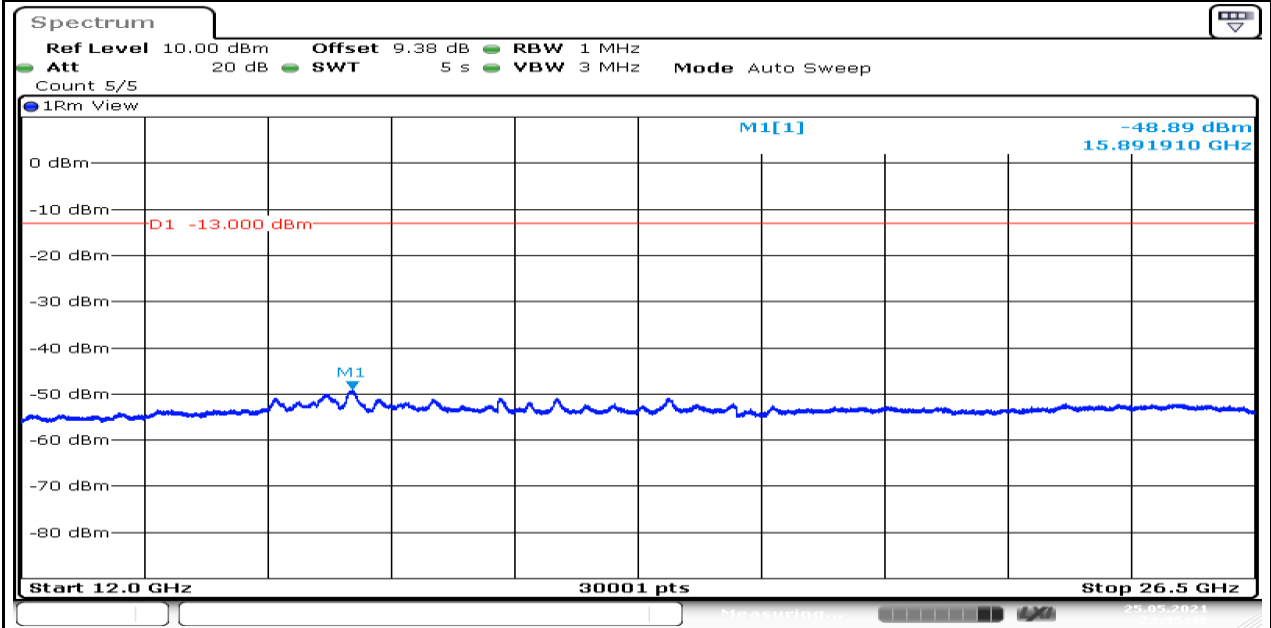
Band2-1.4MHz-16QAM-18900-6-0-Low-1000-5000--37.18-PASS



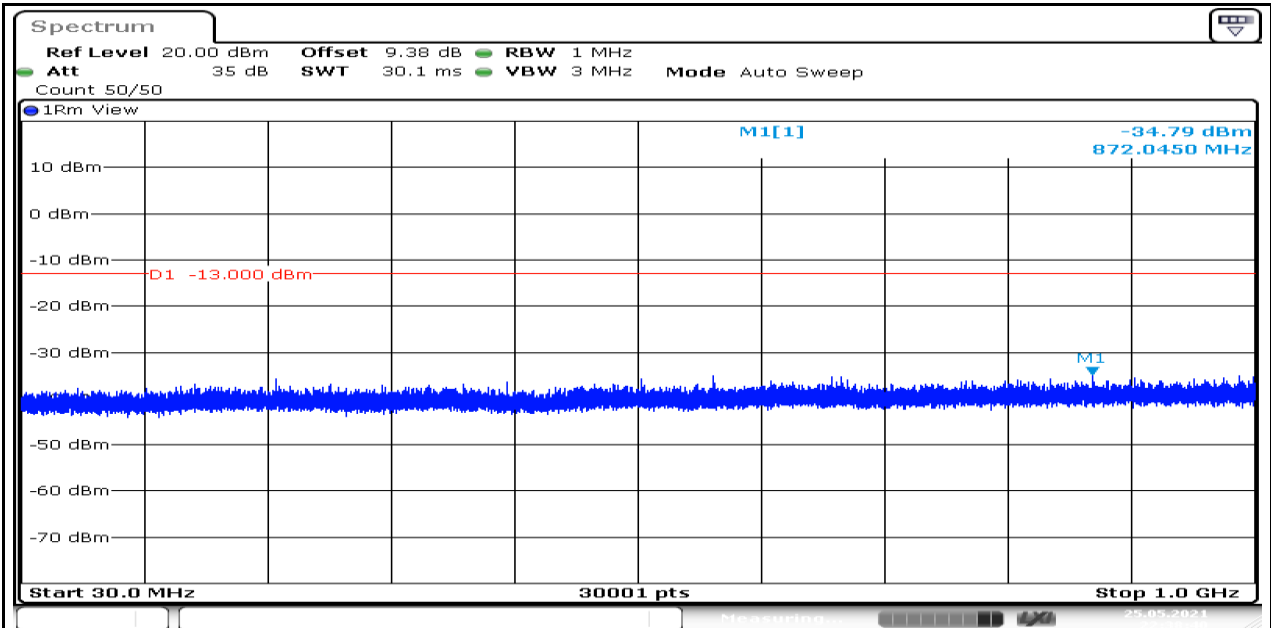
Band2-1.4MHz-16QAM-18900-6-0-Low-5000-12000--53.22-PASS



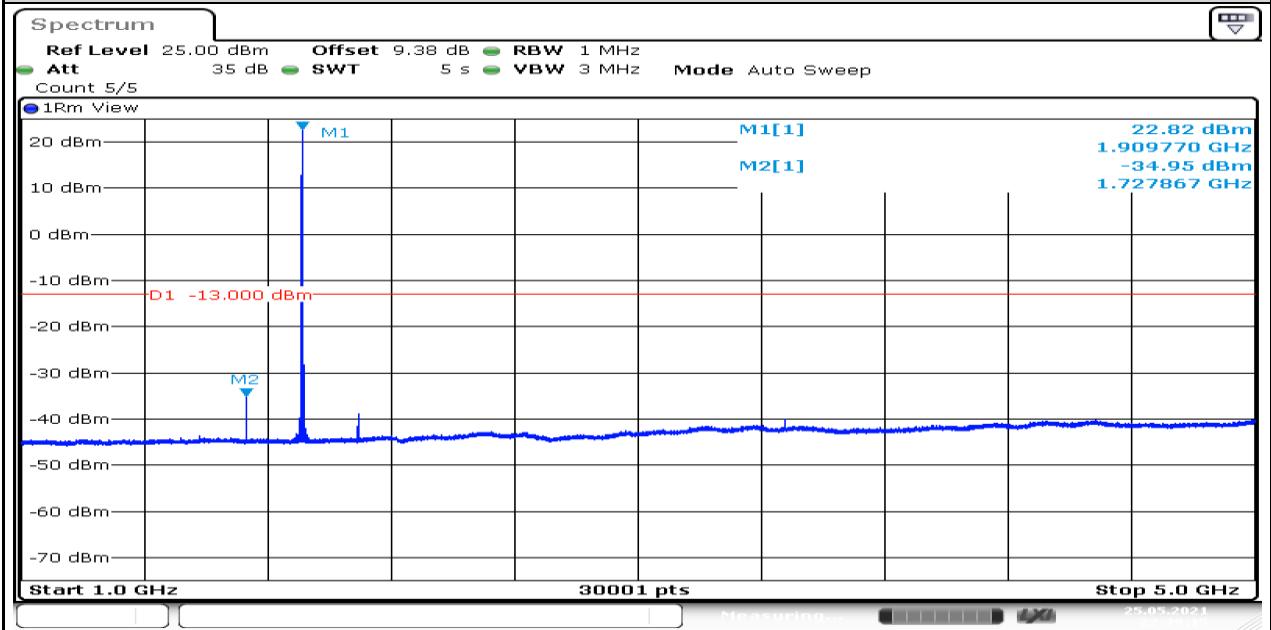
Band2-1.4MHz-16QAM-18900-6-0-Low-12000-26500--48.89-PASS



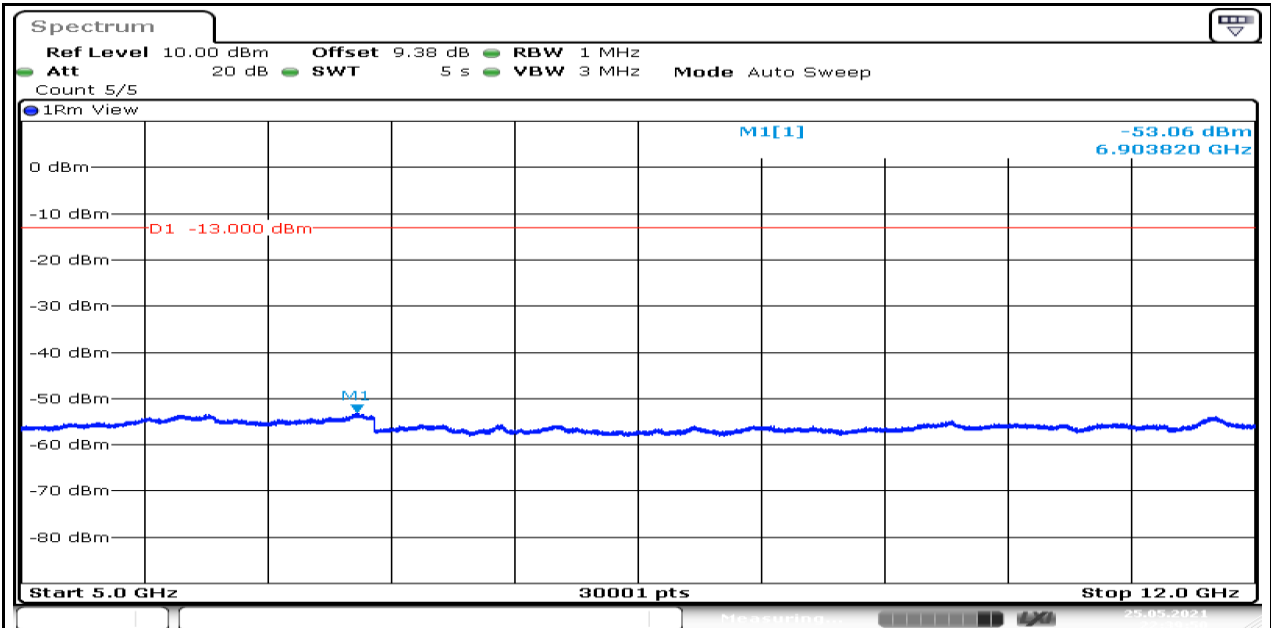
Band2-1.4MHz-16QAM-19193-1-5-Low-30-1000--34.79-PASS



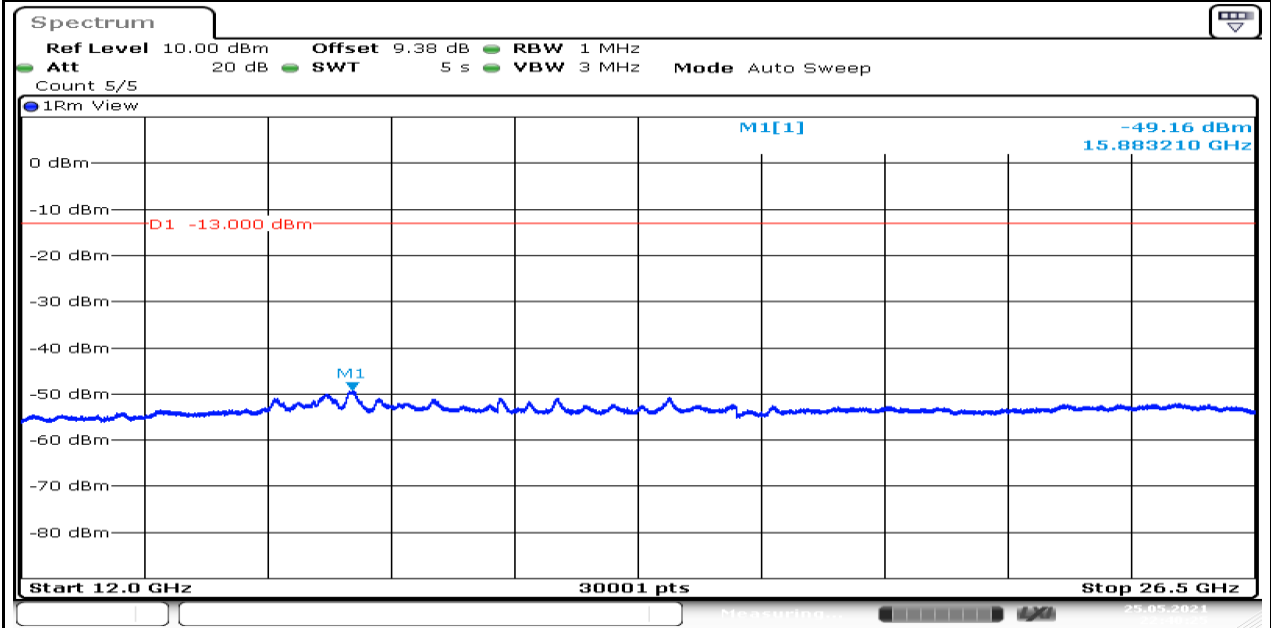
Band2-1.4MHz-16QAM-19193-1-5-Low-1000-5000--34.95-PASS



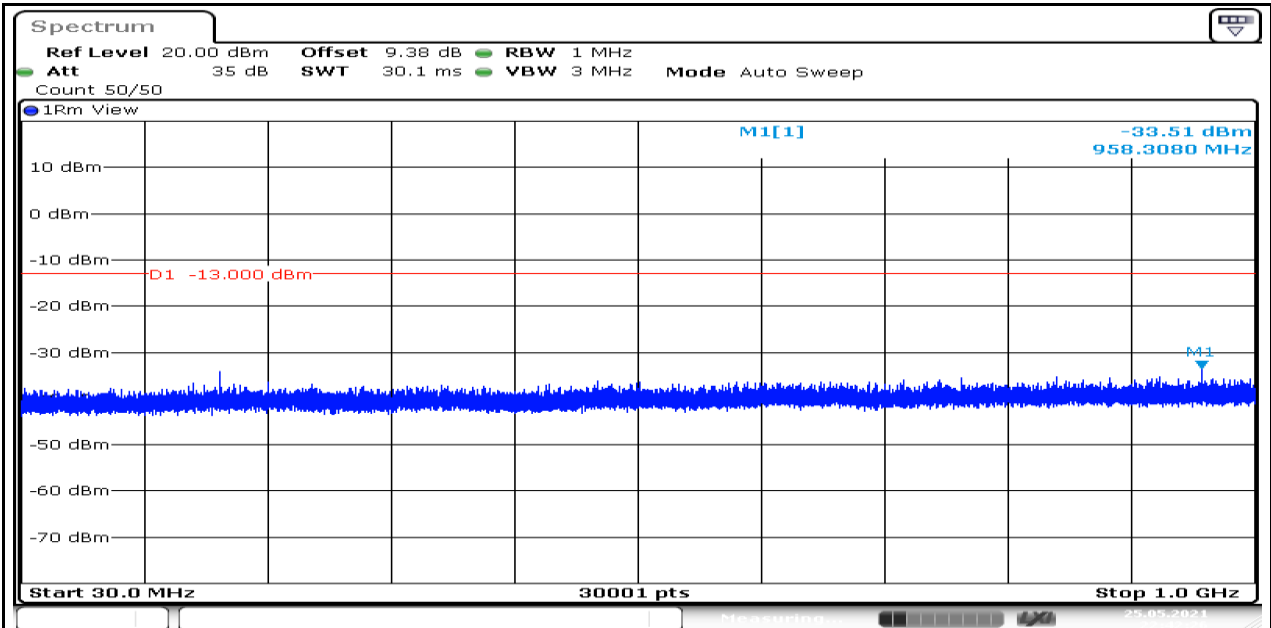
Band2-1.4MHz-16QAM-19193-1-5-Low-5000-12000--53.06-PASS



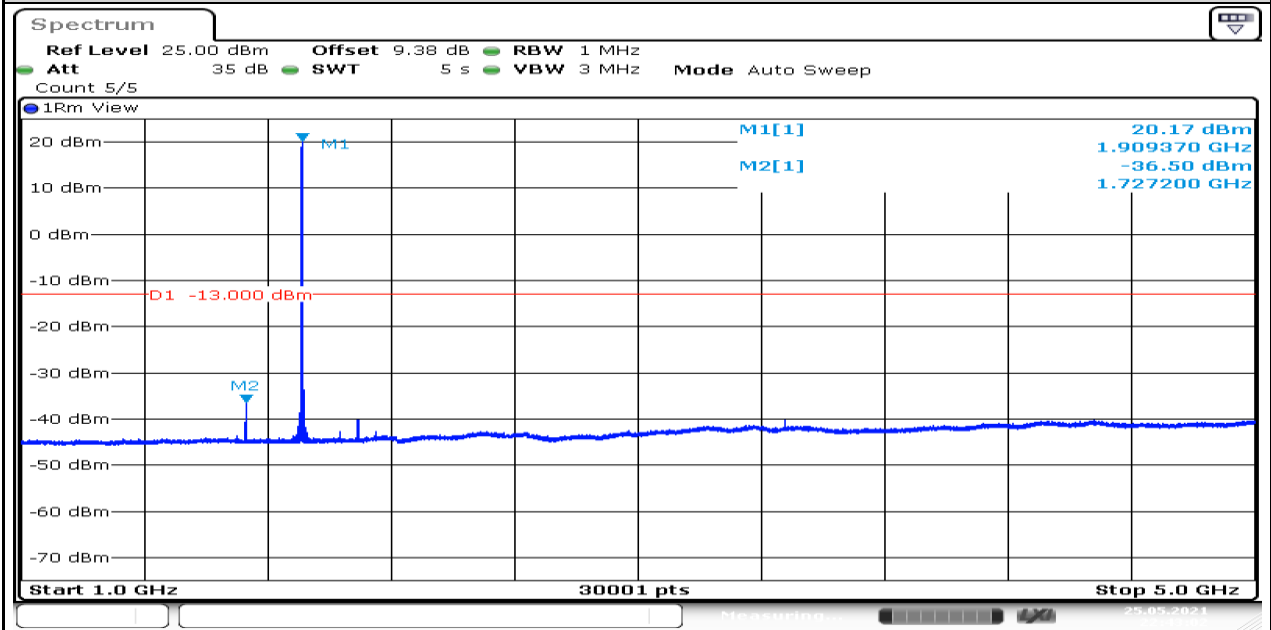
Band2-1.4MHz-16QAM-19193-1-5-Low-12000-26500--49.16-PASS



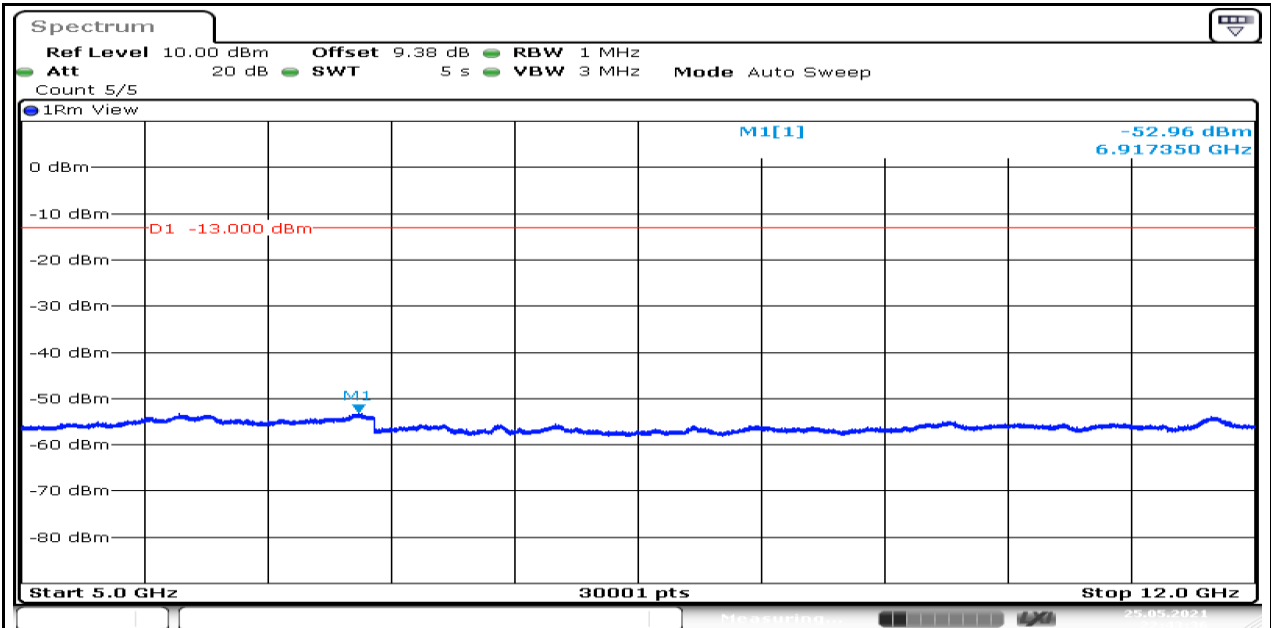
Band2-1.4MHz-16QAM-19193-6-0-Low-30-1000--33.51-PASS



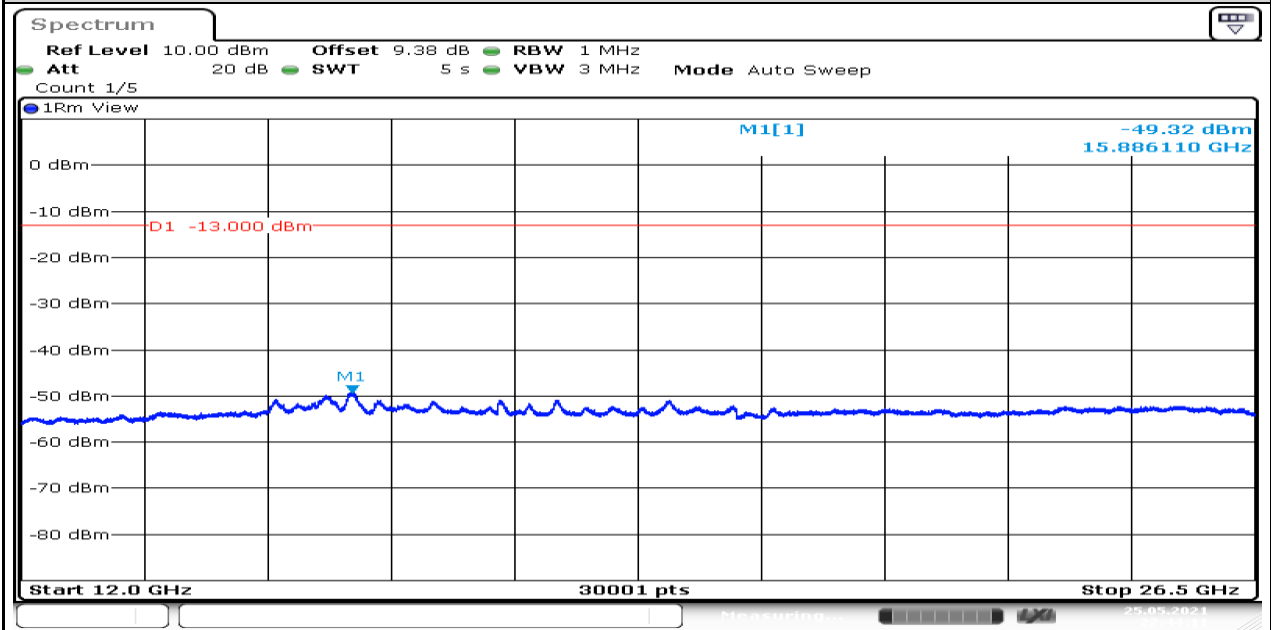
Band2-1.4MHz-16QAM-19193-6-0-Low-1000-5000--36.5-PASS



Band2-1.4MHz-16QAM-19193-6-0-Low-5000-12000--52.96-PASS



Band2-1.4MHz-16QAM-19193-6-0-Low-12000-26500--49.32-PASS



APPENDIX A.6: FREQUENCY STABILITY FOR M1

Test Result

Voltage												
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	18900	QPSK	1	0	Low	HV	NT	8.77	0.004665	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	LV	NT	6.82	0.003628	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	NT	7.85	0.004176	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	HV	NT	7.71	0.004101	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	LV	NT	6.82	0.003628	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	NT	6.57	0.003495	±2.5	PASS
Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	85	7.22	0.003840	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	-30	8.47	0.004505	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	-20	6.94	0.003691	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	-10	8.70	0.004628	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	0	8.48	0.004511	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	10	10.91	0.005803	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	20	7.84	0.004170	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	30	9.57	0.005090	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	40	6.90	0.003670	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	50	9.21	0.004899	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	60	5.55	0.002952	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	70	6.35	0.003378	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	-40	7.78	0.004138	±2.5	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	NV	80	6.55	0.003484	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	85	7.78	0.004138	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	-30	7.25	0.003856	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	-20	4.99	0.002654	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	-10	6.05	0.003218	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	0	6.18	0.003287	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	10	7.45	0.003963	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	20	-7.48	-0.003979	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	30	6.55	0.003484	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	40	6.08	0.003234	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	50	9.64	0.005128	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	60	8.85	0.004707	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	70	-3.68	-0.001957	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	80	-4.72	-0.002511	±2.5	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	NV	-40	6.21	0.003303	±2.5	PASS