

Appendix G: Test Results of Band 25 for eMTC operation

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APPENDIX G.1: RF POWER OUTPUT AND EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dBm)	Verdict
Band25	1.4MHz	26047	QPSK	1	0	Low	24.12	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	21.80	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	23.90	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	21.54	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	23.68	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	21.72	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	22.93	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	21.80	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	22.56	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	21.67	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	22.60	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	21.72	PASS
Band25	3MHz	26055	QPSK	1	0	Low	24.01	PASS
Band25	3MHz	26055	QPSK	6	0	Low	21.77	PASS
Band25	3MHz	26365	QPSK	1	0	Low	23.81	PASS
Band25	3MHz	26365	QPSK	6	0	Low	21.55	PASS
Band25	3MHz	26675	QPSK	1	5	High	23.68	PASS
Band25	3MHz	26675	QPSK	6	0	High	21.75	PASS
Band25	3MHz	26055	16QAM	1	0	Low	22.74	PASS
Band25	3MHz	26055	16QAM	6	0	Low	21.76	PASS
Band25	3MHz	26365	16QAM	1	0	Low	22.48	PASS
Band25	3MHz	26365	16QAM	6	0	Low	21.56	PASS
Band25	3MHz	26675	16QAM	1	5	High	22.61	PASS
Band25	3MHz	26675	16QAM	6	0	High	21.75	PASS
Band25	5MHz	26065	QPSK	1	0	Low	24.17	PASS
Band25	5MHz	26065	QPSK	6	0	Low	22.94	PASS
Band25	5MHz	26365	QPSK	1	0	Low	23.97	PASS
Band25	5MHz	26365	QPSK	6	0	Low	22.75	PASS
Band25	5MHz	26665	QPSK	1	5	High	23.82	PASS
Band25	5MHz	26665	QPSK	3	3	High	22.77	PASS
Band25	5MHz	26065	16QAM	1	0	Low	24.25	PASS
Band25	5MHz	26065	16QAM	6	0	Low	22.94	PASS
Band25	5MHz	26365	16QAM	1	0	Low	24.04	PASS
Band25	5MHz	26365	16QAM	6	0	Low	22.75	PASS
Band25	5MHz	26665	16QAM	1	5	High	24.04	PASS
Band25	5MHz	26665	16QAM	3	3	High	22.96	PASS
Band25	10MHz	26090	QPSK	1	0	Low	24.15	PASS
Band25	10MHz	26090	QPSK	5	0	Low	22.94	PASS
Band25	10MHz	26365	QPSK	1	0	Low	24.07	PASS
Band25	10MHz	26365	QPSK	5	0	Low	22.88	PASS

Band25	10MHz	26640	QPSK	1	5	High	23.81	PASS
Band25	10MHz	26640	QPSK	5	1	High	22.86	PASS
Band25	10MHz	26090	16QAM	1	0	Low	24.20	PASS
Band25	10MHz	26090	16QAM	5	0	Low	23.02	PASS
Band25	10MHz	26365	16QAM	1	0	Low	24.12	PASS
Band25	10MHz	26365	16QAM	5	0	Low	22.93	PASS
Band25	10MHz	26640	16QAM	1	5	High	24.01	PASS
Band25	10MHz	26640	16QAM	5	1	High	22.95	PASS
Band25	15MHz	26115	QPSK	1	0	Low	24.13	PASS
Band25	15MHz	26115	QPSK	6	0	Low	23.99	PASS
Band25	15MHz	26365	QPSK	1	0	Low	24.04	PASS
Band25	15MHz	26365	QPSK	6	0	Low	23.90	PASS
Band25	15MHz	26615	QPSK	1	5	High	23.79	PASS
Band25	15MHz	26615	QPSK	6	0	High	23.80	PASS
Band25	15MHz	26115	16QAM	1	0	Low	24.23	PASS
Band25	15MHz	26115	16QAM	6	0	Low	23.99	PASS
Band25	15MHz	26365	16QAM	1	0	Low	24.15	PASS
Band25	15MHz	26365	16QAM	6	0	Low	23.90	PASS
Band25	15MHz	26615	16QAM	1	5	High	24.07	PASS
Band25	15MHz	26615	16QAM	6	0	High	23.80	PASS
Band25	20MHz	26140	QPSK	1	0	Low	24.12	PASS
Band25	20MHz	26140	QPSK	6	0	Low	23.98	PASS
Band25	20MHz	26365	QPSK	1	0	Low	24.11	PASS
Band25	20MHz	26365	QPSK	6	0	Low	23.96	PASS
Band25	20MHz	26590	QPSK	1	5	High	23.75	PASS
Band25	20MHz	26590	QPSK	6	0	High	23.84	PASS
Band25	20MHz	26140	16QAM	1	0	Low	24.19	PASS
Band25	20MHz	26140	16QAM	6	0	Low	23.98	PASS
Band25	20MHz	26365	16QAM	1	0	Low	24.18	PASS
Band25	20MHz	26365	16QAM	6	0	Low	23.96	PASS
Band25	20MHz	26590	16QAM	1	5	High	23.98	PASS
Band25	20MHz	26590	16QAM	6	0	High	23.84	PASS

Note: The highest antenna gain permitted including cable loss, must satisfy both EIRP (ERP) limit and RF exposure requirements.

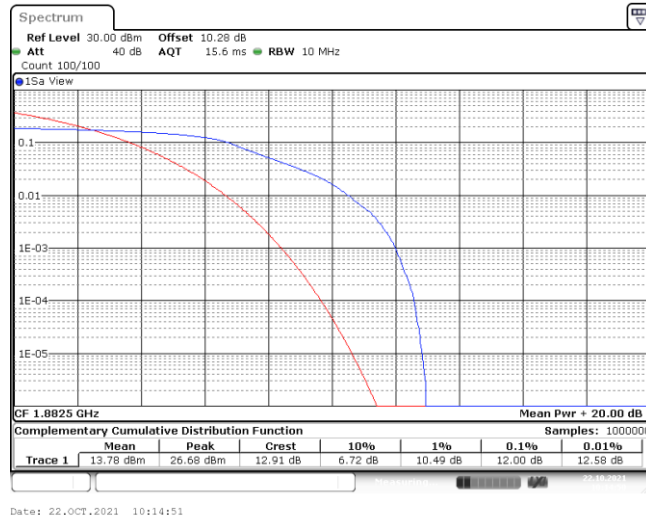
APPENDIX G.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

Test Result

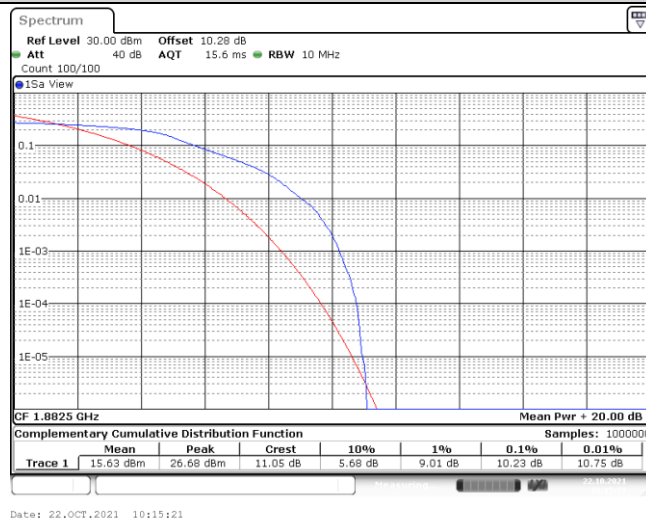
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band25	1.4MHz	26365	QPSK	6	0	Low	12.00	<=13	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	10.23	<=13	PASS
Band25	3MHz	26365	QPSK	6	0	Low	12.26	<=13	PASS
Band25	3MHz	26365	16QAM	6	0	Low	9.45	<=13	PASS
Band25	5MHz	26365	QPSK	6	0	Low	9.30	<=13	PASS
Band25	5MHz	26365	16QAM	6	0	Low	9.91	<=13	PASS
Band25	10MHz	26365	QPSK	6	0	Low	10.23	<=13	PASS
Band25	10MHz	26365	16QAM	6	0	Low	11.30	<=13	PASS
Band25	15MHz	26365	QPSK	6	0	Low	9.01	<=13	PASS
Band25	15MHz	26365	16QAM	6	0	Low	10.81	<=13	PASS
Band25	20MHz	26365	QPSK	6	0	Low	10.20	<=13	PASS
Band25	20MHz	26365	16QAM	6	0	Low	11.13	<=13	PASS

Test Graphs

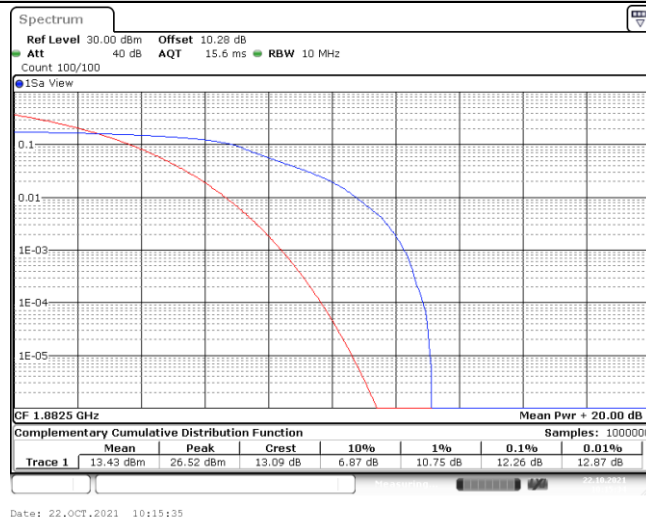
Band25-1.4MHz-QPSK-26365-6-0-Low-12.00-<=13-PASS



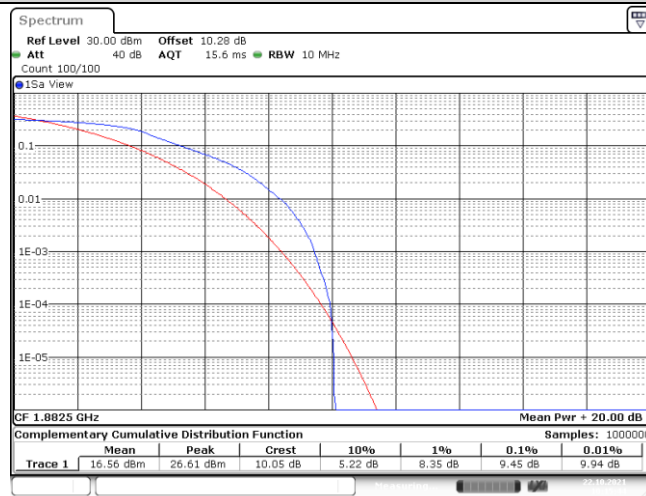
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Band25-3MHz-QPSK-26365-6-0-Low-12.26-<=13-PASS

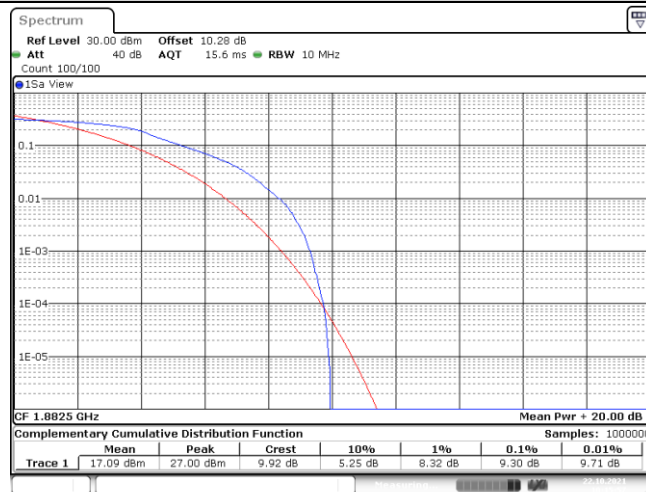


Band25-3MHz-16QAM-26365-6-0-Low-9.45-<=13-PASS



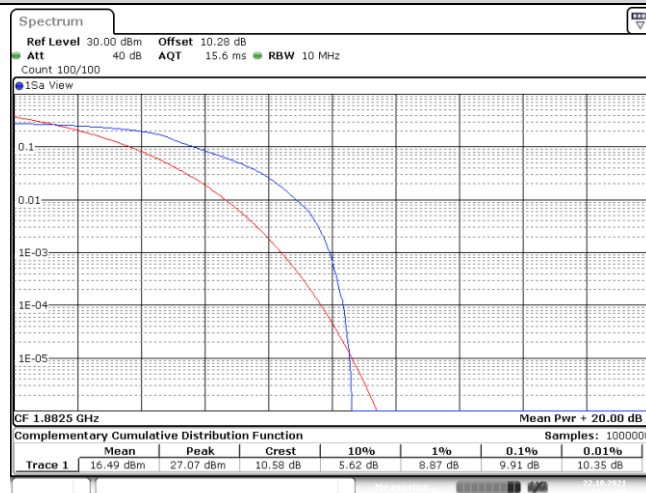
Date: 22.OCT.2021 10:15:44

Band25-5MHz-QPSK-26365-6-0-Low-9.30-<=13-PASS



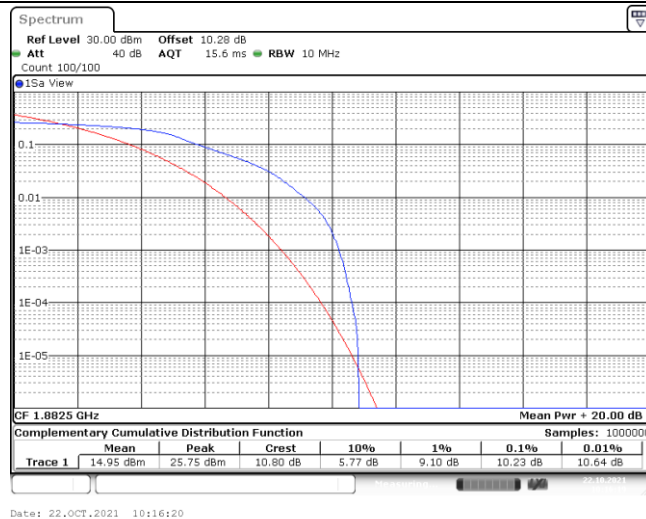
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Band25-5MHz-16QAM-26365-6-0-Low-9.91-<=13-PASS

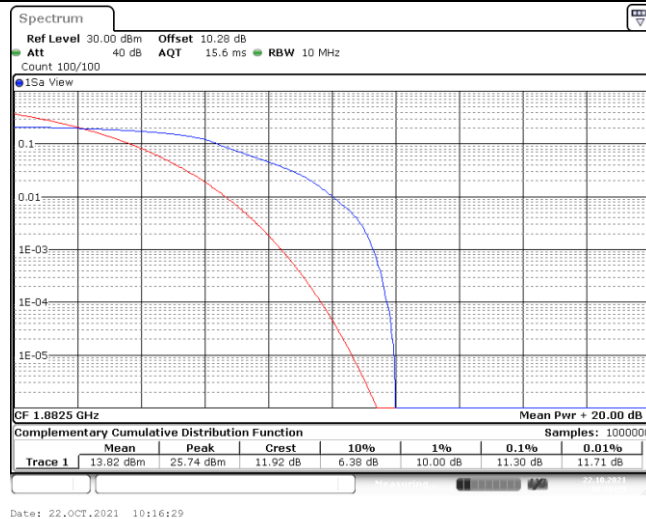


Date: 22.OCT.2021 10:16:06

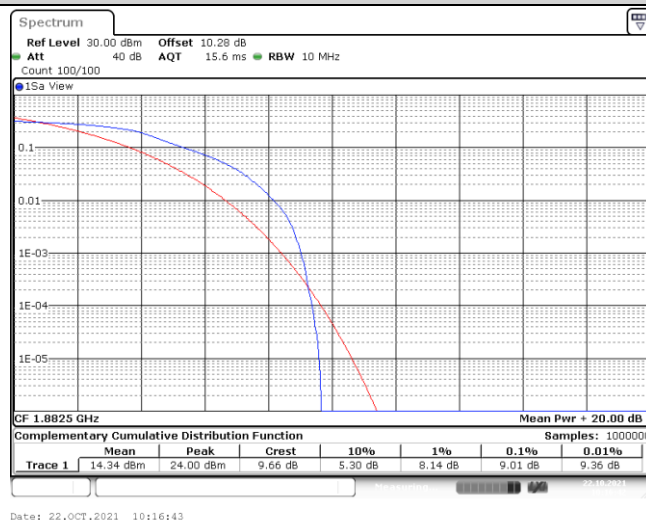
Band25-10MHz-QPSK-26365-6-0-Low-10.23-<=13-PASS



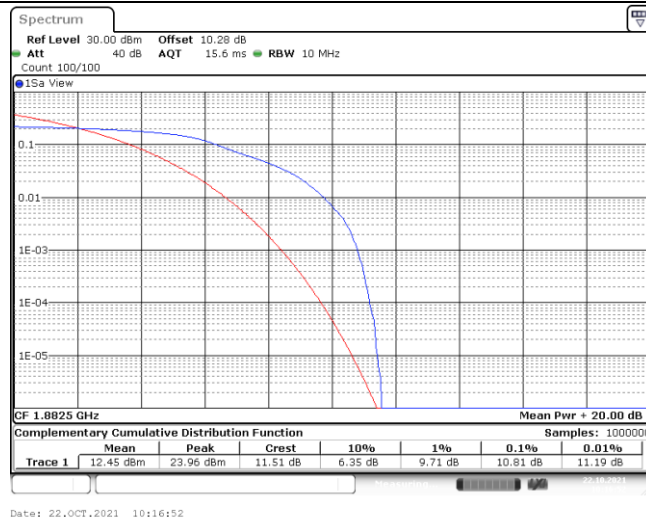
Band25-10MHz-16QAM-26365-6-0-Low-11.30-<=13-PASS



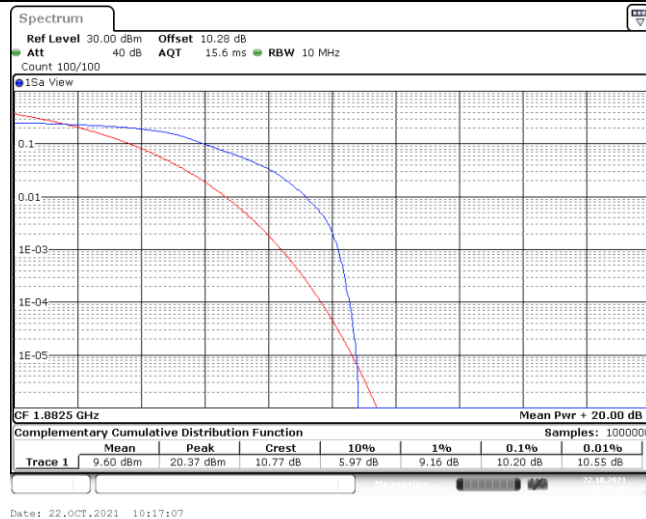
Band25-15MHz-QPSK-26365-6-0-Low-9.01-<=13-PASS



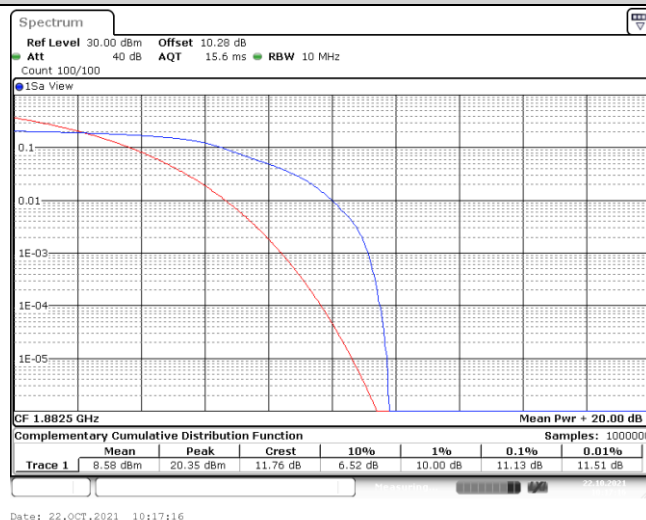
Band25-15MHz-16QAM-26365-6-0-Low-10.81-<=13-PASS



Band25-20MHz-QPSK-26365-6-0-Low-10.20-<=13-PASS



Band25-20MHz-16QAM-26365-6-0-Low-11.13-<=13-PASS



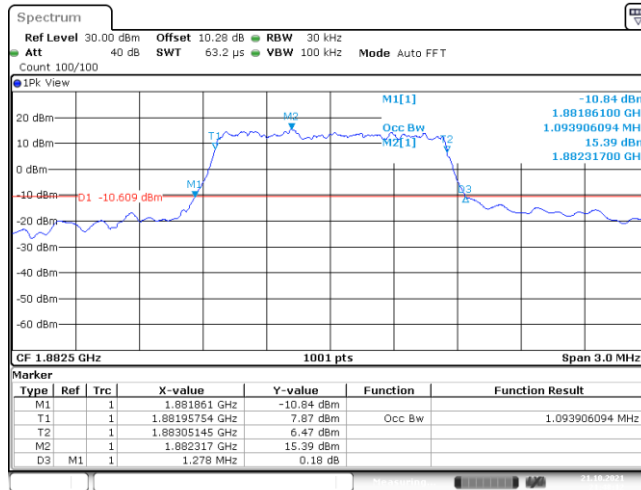
APPENDIX G.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

Test Result

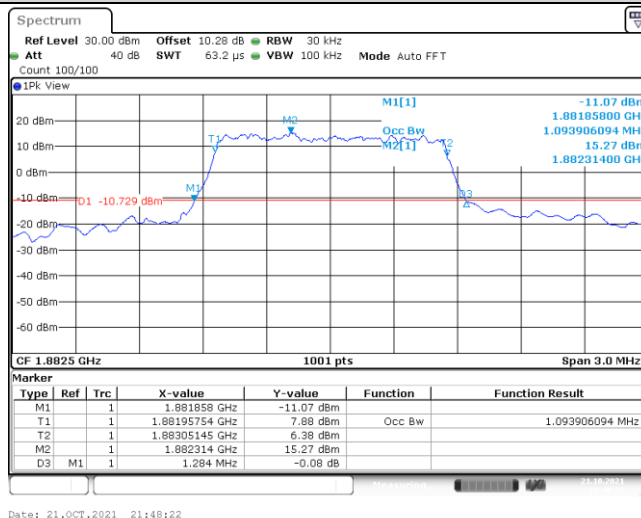
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	26365	QPSK	6	0	Low	1.094	1.278	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	1.094	1.284	PASS
Band25	3MHz	26365	QPSK	6	0	Low	1.097	1.290	PASS
Band25	3MHz	26365	16QAM	6	0	Low	1.097	1.290	PASS
Band25	5MHz	26365	QPSK	6	0	Low	1.109	1.300	PASS
Band25	5MHz	26365	16QAM	6	0	Low	1.099	1.300	PASS
Band25	10MHz	26365	QPSK	6	0	Low	1.119	1.320	PASS
Band25	10MHz	26365	16QAM	6	0	Low	1.119	1.320	PASS
Band25	15MHz	26365	QPSK	6	0	Low	1.139	1.350	PASS
Band25	15MHz	26365	16QAM	6	0	Low	1.109	1.350	PASS
Band25	20MHz	26365	QPSK	6	0	Low	1.119	1.360	PASS
Band25	20MHz	26365	16QAM	6	0	Low	1.159	1.360	PASS

Test Graphs

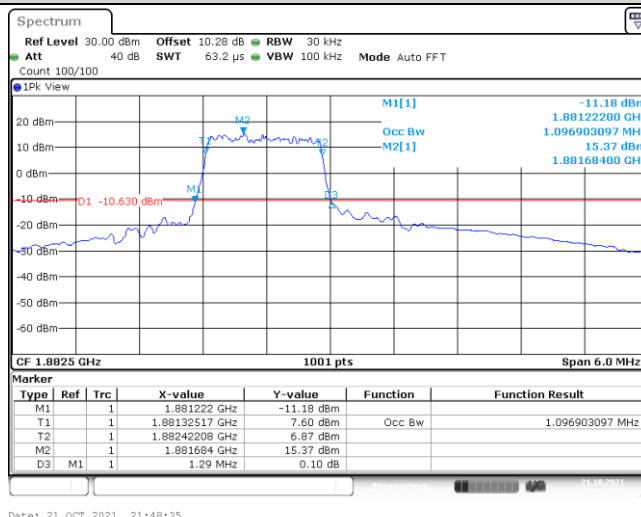
Band25-1.4MHz-QPSK-26365-6-0-Low-1.094-1.278-PASS



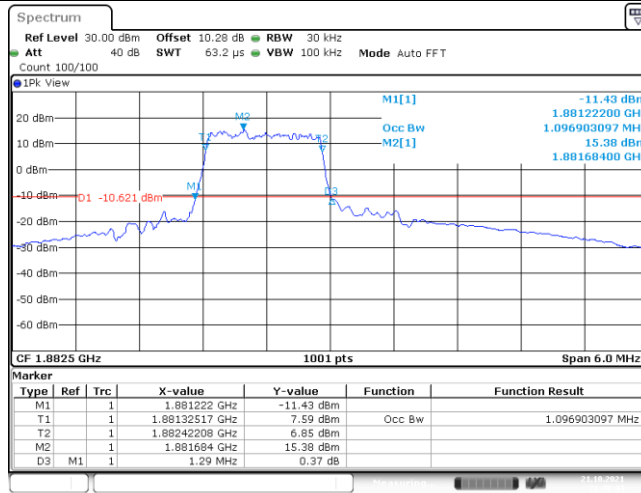
Band25-1.4MHz-16QAM-26365-6-0-Low-1.094-1.284-PASS



Band25-3MHz-QPSK-26365-6-0-Low-1.097-1.290-PASS

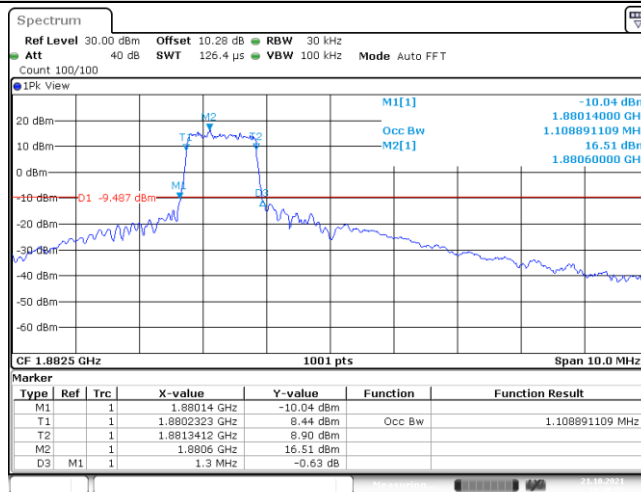


Band25-3MHz-16QAM-26365-6-0-Low-1.097-1.290-PASS



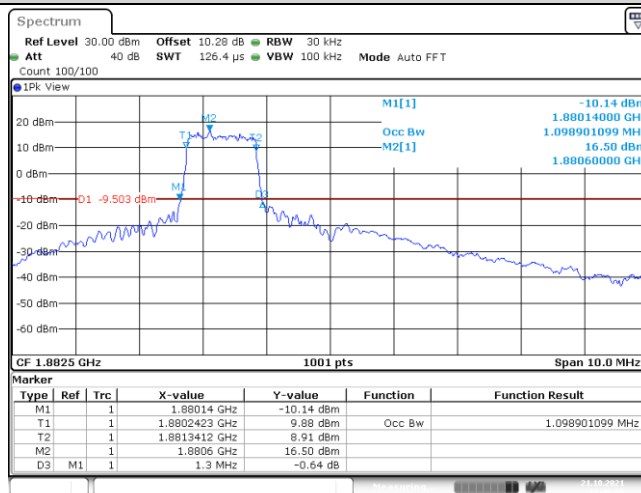
Date: 21.OCT.2021 21:48:45

Band25-5MHz-QPSK-26365-6-0-Low-1.109-1.300-PASS



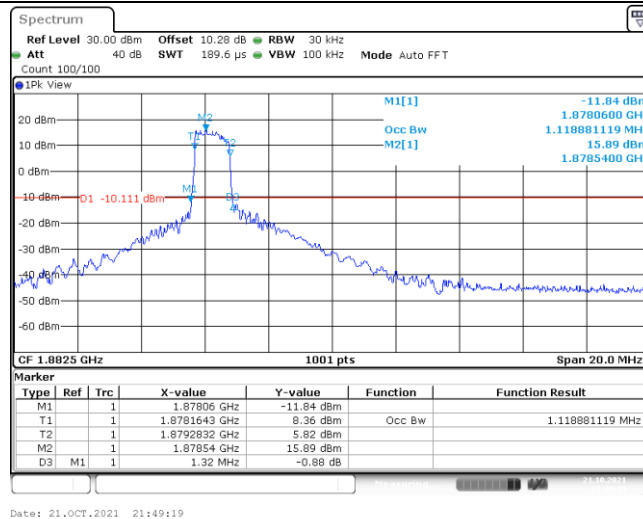
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Band25-5MHz-16QAM-26365-6-0-Low-1.099-1.300-PASS

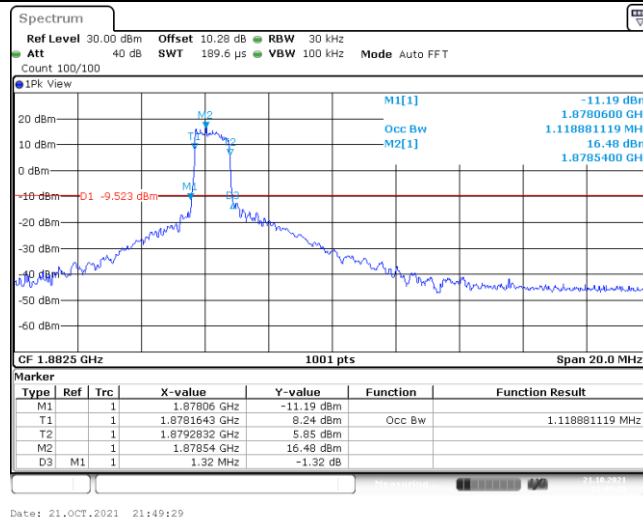


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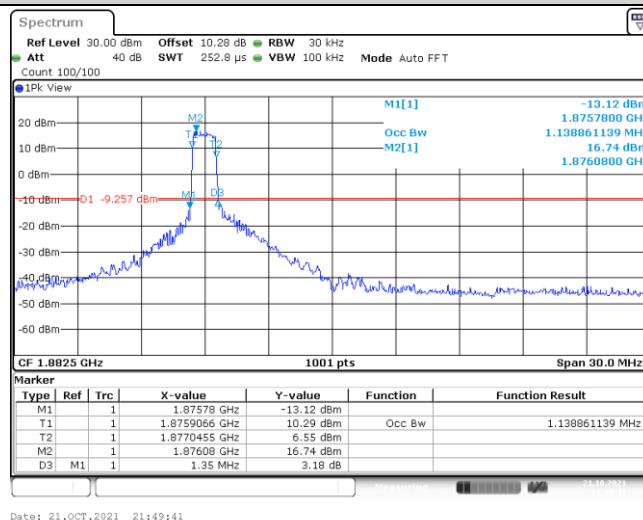
Band25-10MHz-QPSK-26365-6-0-Low-1.119-1.320-PASS



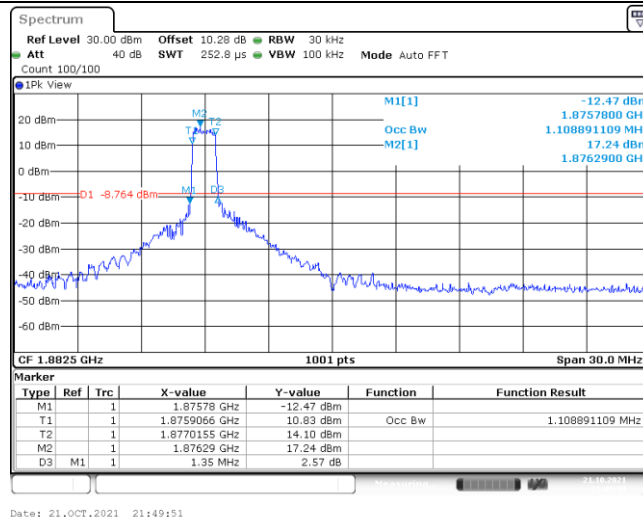
Band25-10MHz-16QAM-26365-6-0-Low-1.119-1.320-PASS



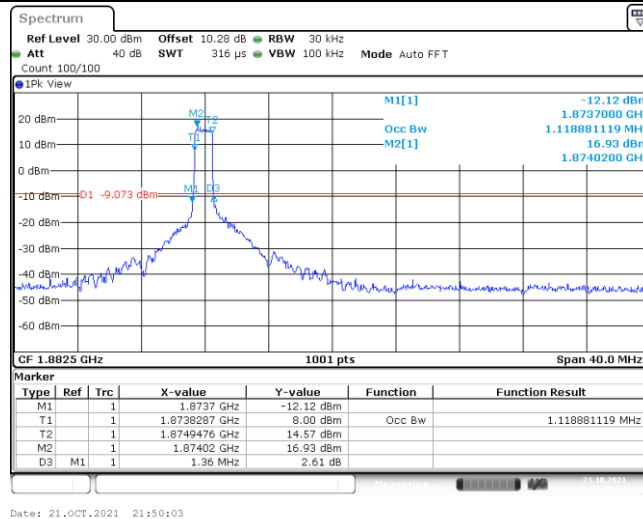
Band25-15MHz-QPSK-26365-6-0-Low-1.139-1.350-PASS



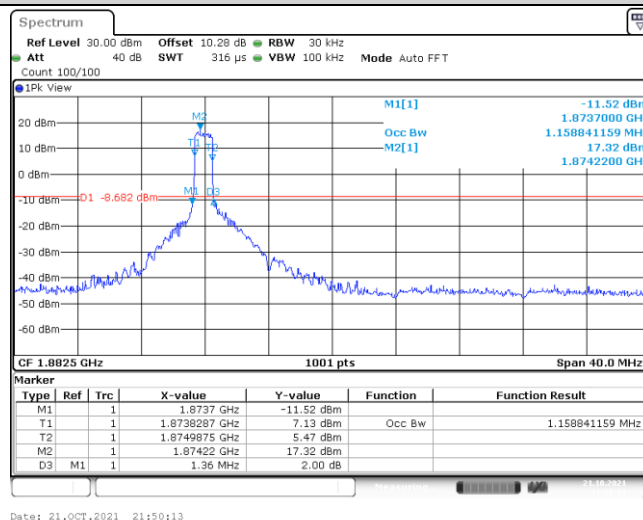
Band25-15MHz-16QAM-26365-6-0-Low-1.109-1.350-PASS



Band25-20MHz-QPSK-26365-6-0-Low-1.119-1.360-PASS



Band25-20MHz-16QAM-26365-6-0-Low-1.159-1.360-PASS



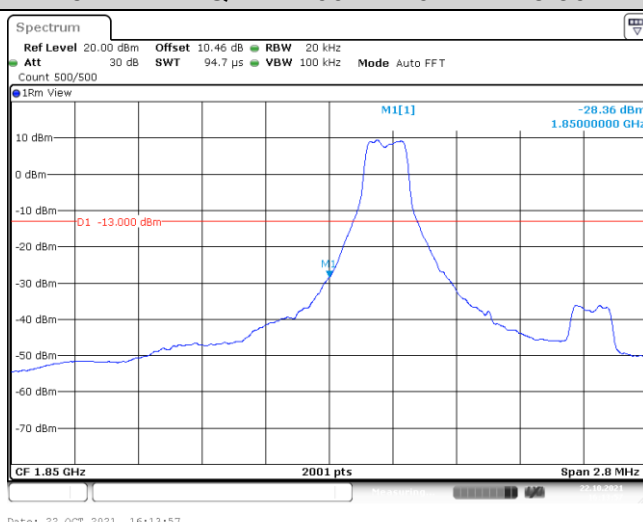
APPENDIX G.4: BAND EDGE FOR M1

Test Result

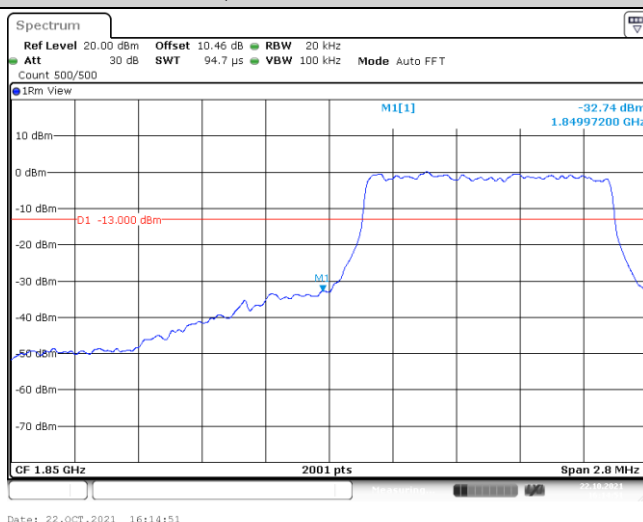
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band25	1.4MHz	26047	QPSK	1	0	Low	-28.36	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	-32.74	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	-28.64	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	-33.80	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	-29.61	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	-33.20	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	-30.74	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	-33.75	PASS

Test Graphs

Band25-1.4MHz-QPSK-26047-1-0-Low--28.36-PASS



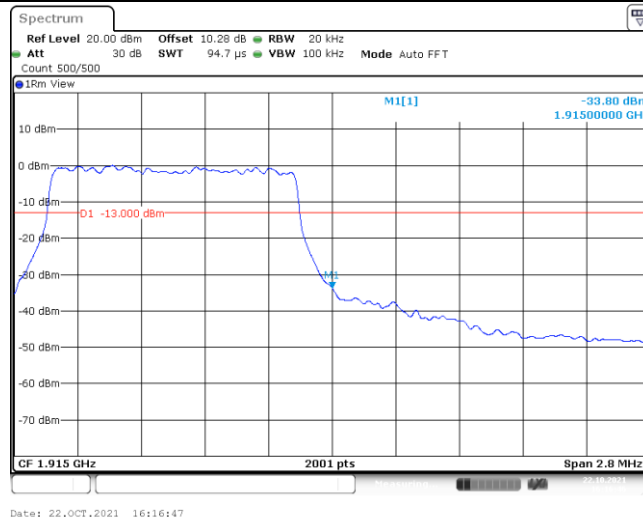
Band25-1.4MHz-QPSK-26047-6-0-Low--32.74-PASS



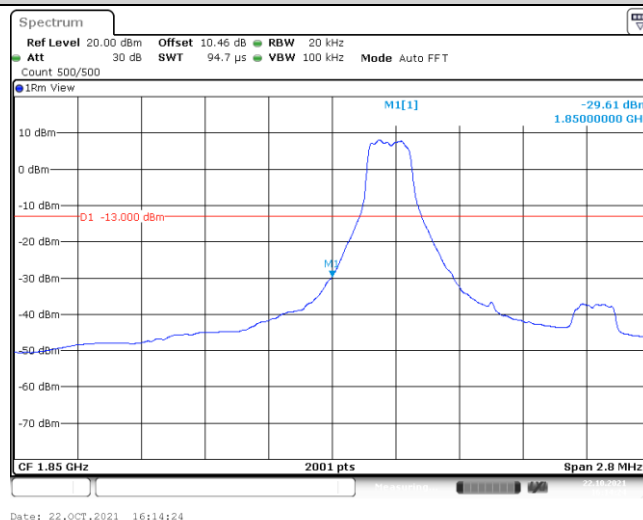
Band25-1.4MHz-QPSK-26683-1-5-Low--28.64-PASS



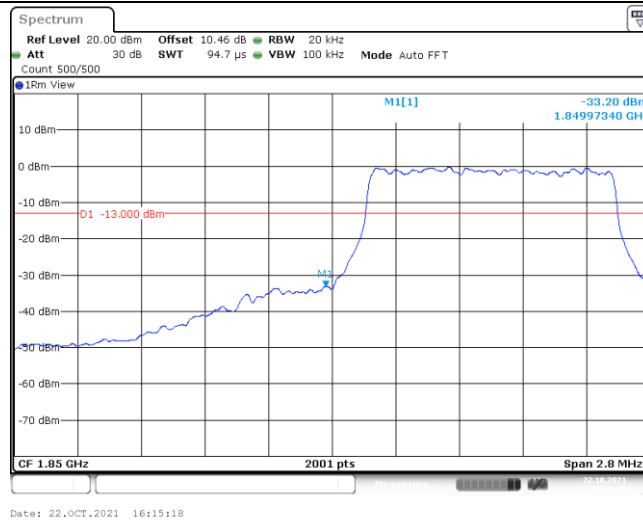
Band25-1.4MHz-QPSK-26683-6-0-Low--33.80-PASS



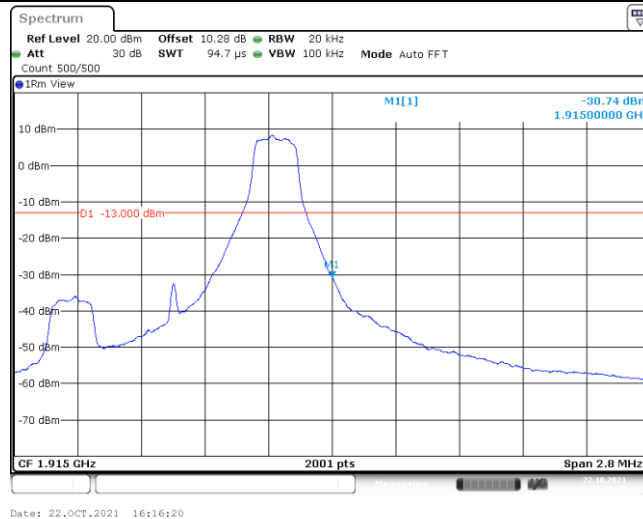
Band25-1.4MHz-16QAM-26047-1-0-Low--29.61-PASS



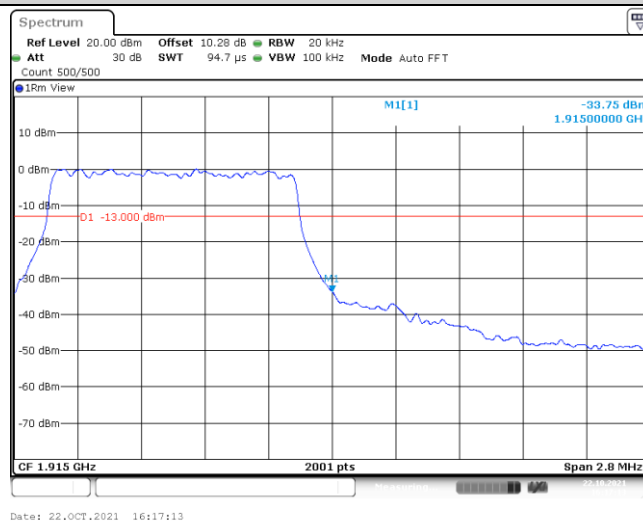
Band25-1.4MHz-16QAM-26047-6-0-Low--33.20-PASS



Band25-1.4MHz-16QAM-26683-1-5-Low--30.74-PASS



Band25-1.4MHz-16QAM-26683-6-0-Low--33.75-PASS



APPENDIX G.5: CONDUCTED SPURIOUS EMISSION FOR M1

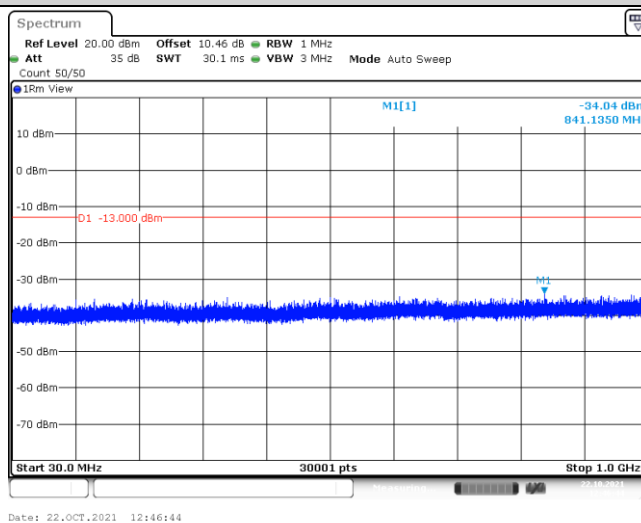
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band25	1.4MHz	26047	QPSK	1	0	Low	30	1000	-34.04	PASS
Band25	1.4MHz	26047	QPSK	1	0	Low	1000	5000	-34.32	PASS
Band25	1.4MHz	26047	QPSK	1	0	Low	5000	12000	-46.29	PASS
Band25	1.4MHz	26047	QPSK	1	0	Low	12000	26500	-48.61	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	30	1000	-34.26	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	1000	5000	-37.28	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	5000	12000	-51.54	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	12000	26500	-48.62	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	30	1000	-33.71	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	1000	5000	-33.79	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	5000	12000	-48.8	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	12000	26500	-48.85	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	30	1000	-33.83	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	1000	5000	-36.75	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	5000	12000	-52.71	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	12000	26500	-48.71	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	30	1000	-33.99	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	1000	5000	-32.88	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	5000	12000	-48.93	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	12000	26500	-48.72	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	30	1000	-33.97	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	1000	5000	-35.69	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	5000	12000	-52.44	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	12000	26500	-48.82	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	30	1000	-34.21	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	1000	5000	-35.07	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	5000	12000	-47.99	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	12000	26500	-48.59	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	30	1000	-34.14	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	1000	5000	-37.42	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	5000	12000	-51.4	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	12000	26500	-48.67	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	30	1000	-34.21	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	1000	5000	-35.22	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	5000	12000	-49.34	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	12000	26500	-48.75	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	30	1000	-34.17	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	1000	5000	-36.67	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	5000	12000	-52.69	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	12000	26500	-48.74	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	30	1000	-34.18	PASS

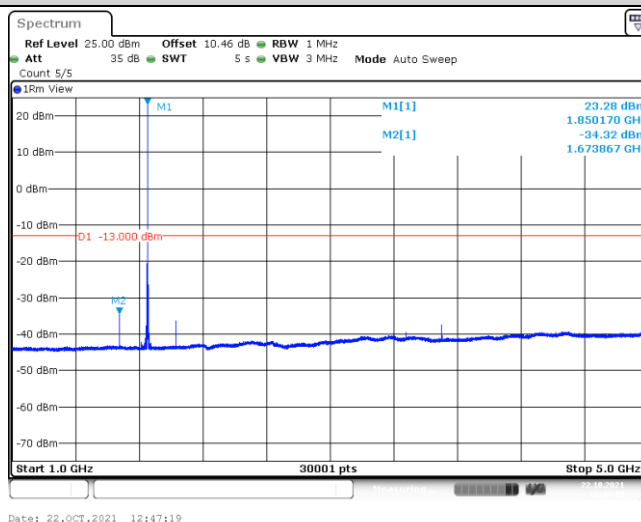
Band25	1.4MHz	26683	16QAM	1	5	Low	1000	5000	-33.6	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	5000	12000	-49.56	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	12000	26500	-48.72	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	30	1000	-34.23	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	1000	5000	-35.66	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	5000	12000	-52.57	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	12000	26500	-48.88	PASS

Test Graphs

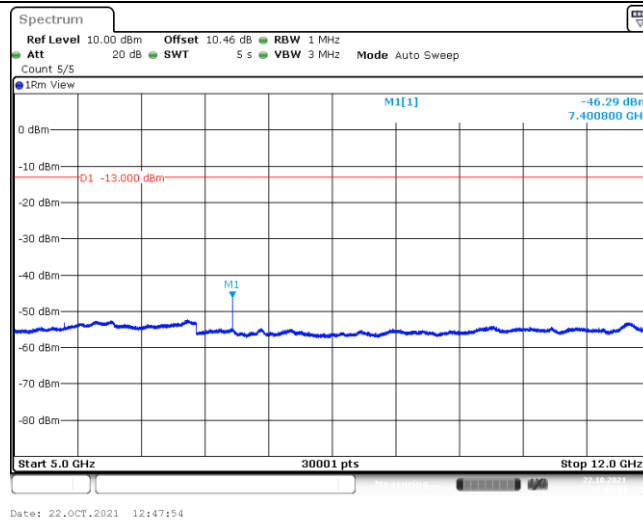
Band25-1.4MHz-QPSK-26047-1-0-Low-30-1000--34.04-PASS



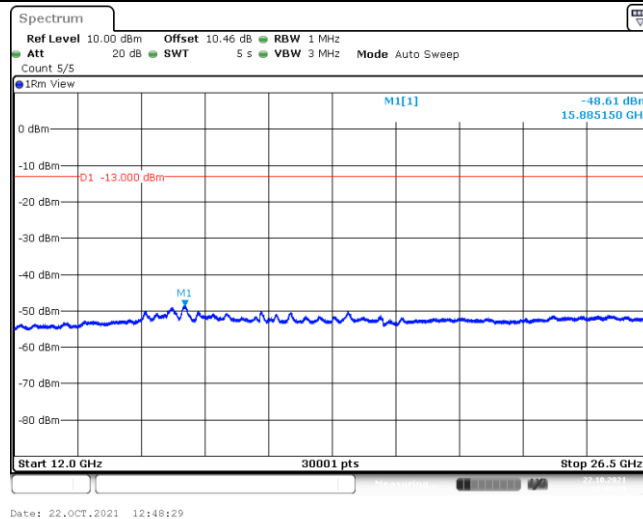
Band25-1.4MHz-QPSK-26047-1-0-Low-1000-5000--34.32-PASS



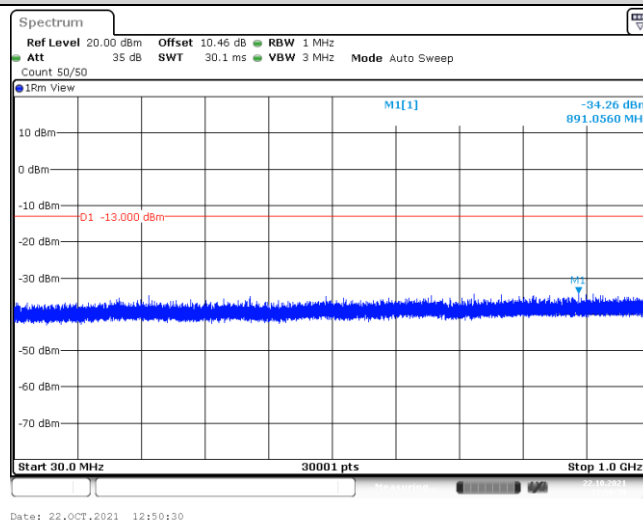
Band25-1.4MHz-QPSK-26047-1-0-Low-5000-12000--46.29-PASS



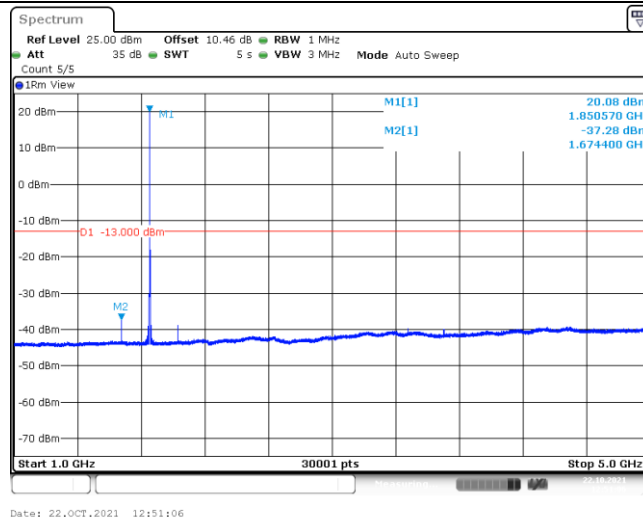
Band25-1.4MHz-QPSK-26047-1-0-Low-12000-26500--48.61-PASS



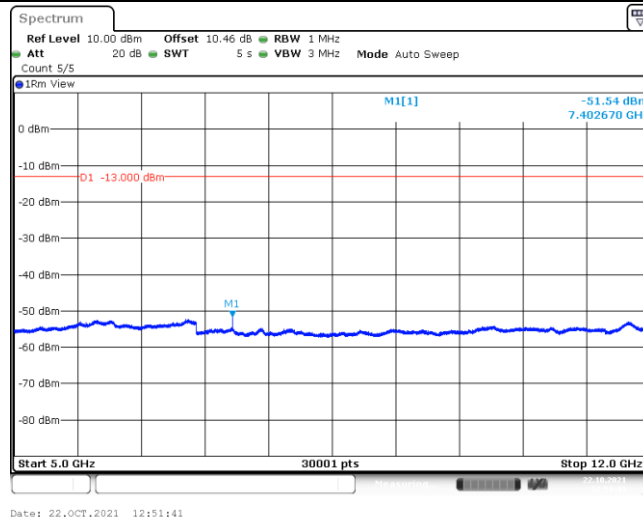
Band25-1.4MHz-QPSK-26047-6-0-Low-30-1000--34.26-PASS



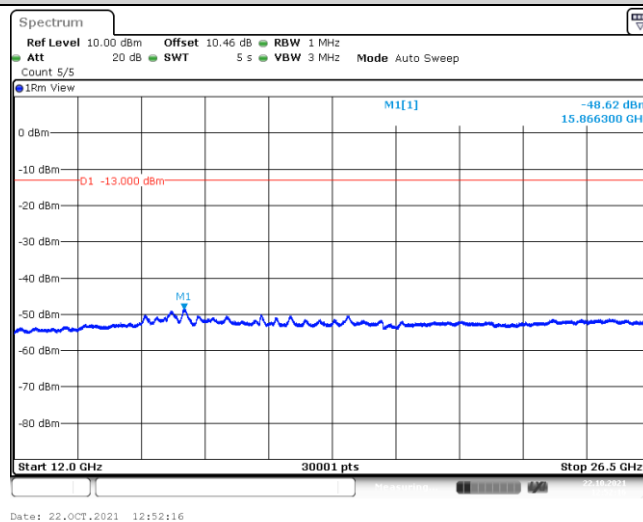
Band25-1.4MHz-QPSK-26047-6-0-Low-1000-5000--37.28-PASS



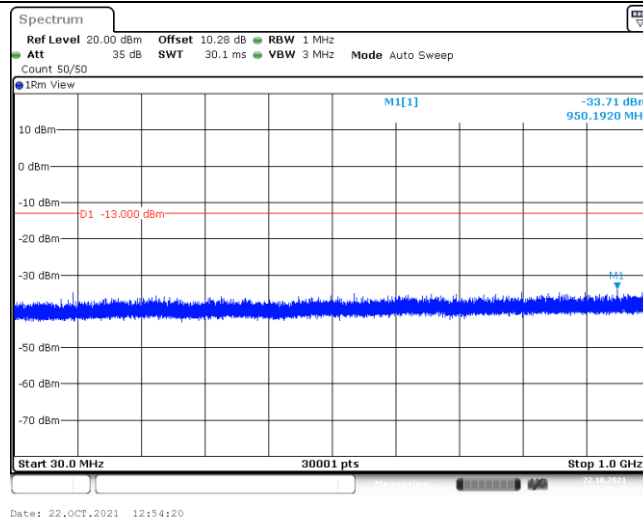
Band25-1.4MHz-QPSK-26047-6-0-Low-5000-12000--51.54-PASS



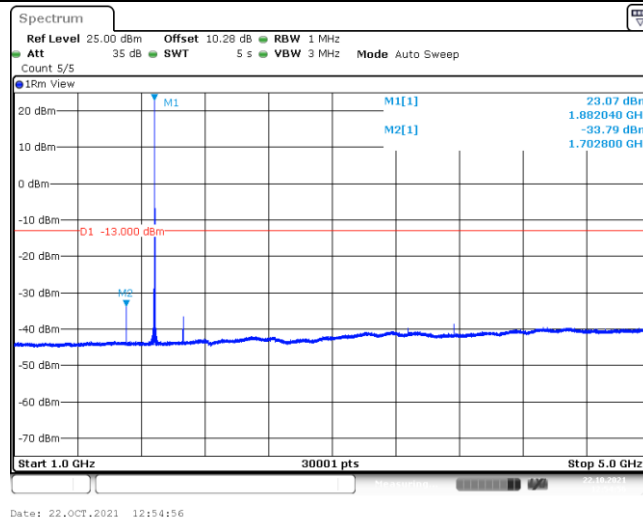
Band25-1.4MHz-QPSK-26047-6-0-Low-12000-26500--48.62-PASS



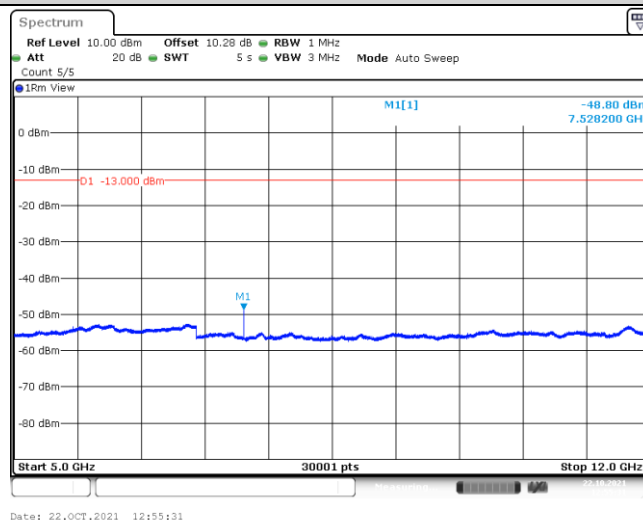
Band25-1.4MHz-QPSK-26365-1-0-Low-30-1000--33.71-PASS



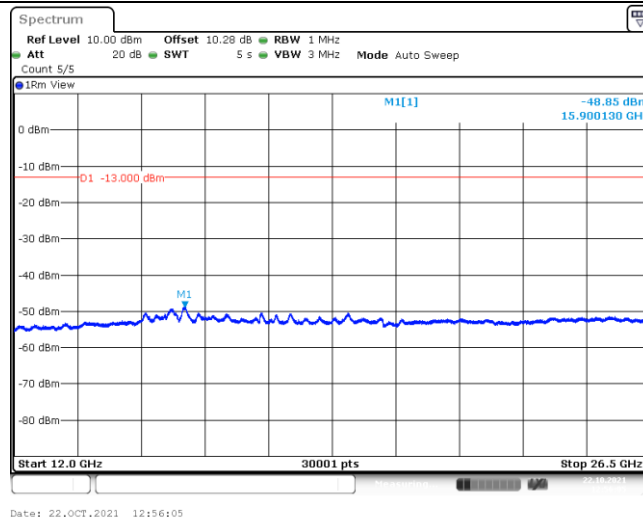
Band25-1.4MHz-QPSK-26365-1-0-Low-1000-5000--33.79-PASS



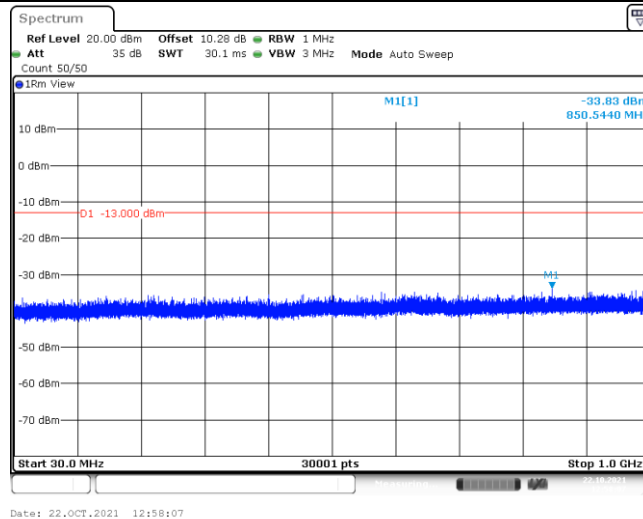
Band25-1.4MHz-QPSK-26365-1-0-Low-5000-12000--48.8-PASS



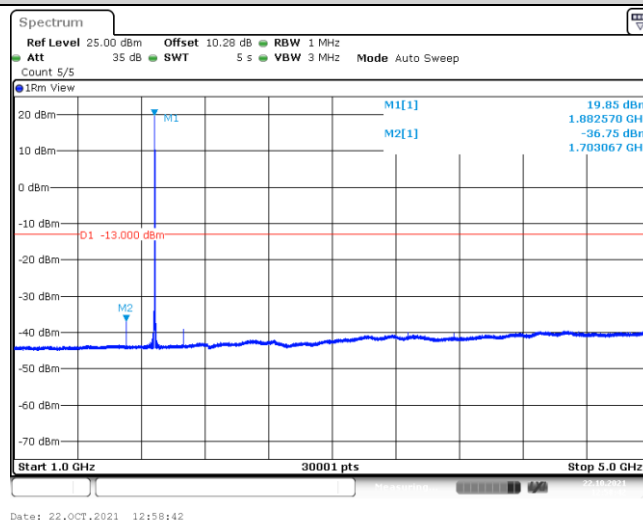
Band25-1.4MHz-QPSK-26365-1-0-Low-12000-26500--48.85-PASS



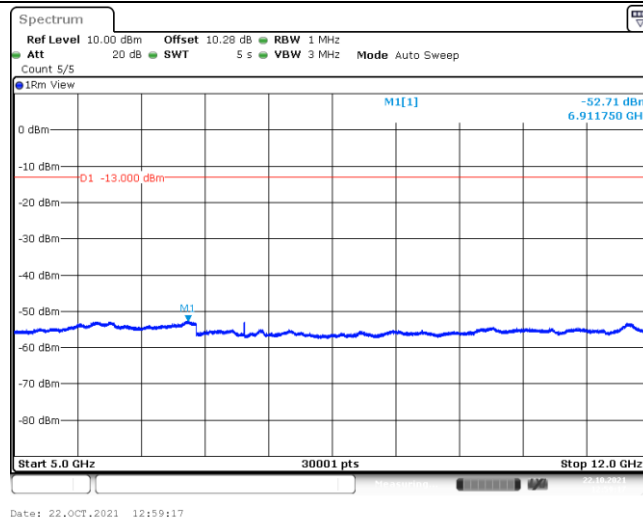
Band25-1.4MHz-QPSK-26365-6-0-Low-30-1000--33.83-PASS



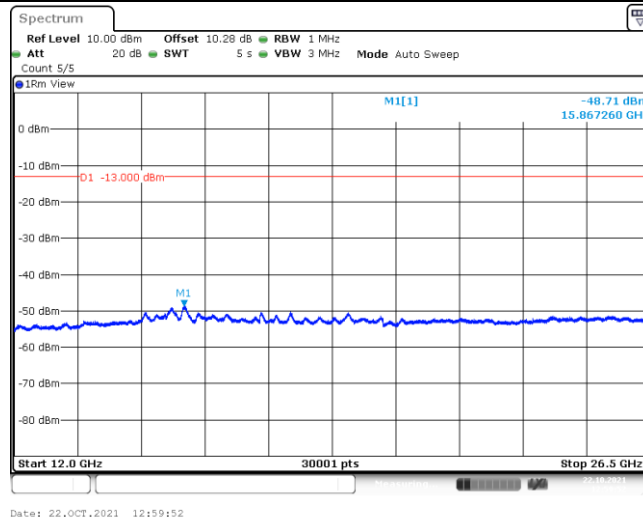
Band25-1.4MHz-QPSK-26365-6-0-Low-1000-5000--36.75-PASS



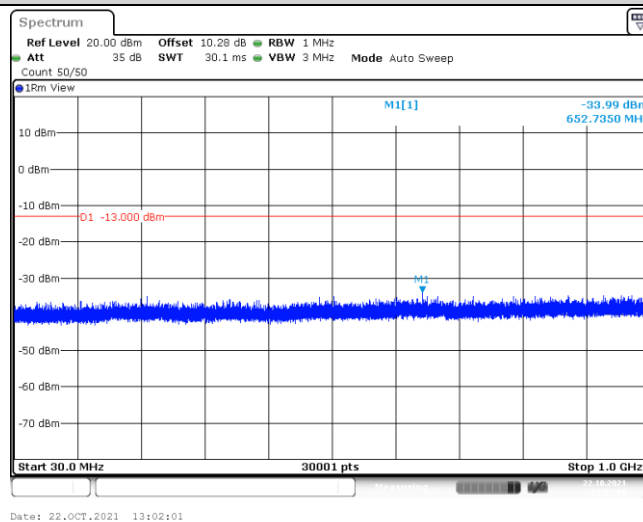
Band25-1.4MHz-QPSK-26365-6-0-Low-5000-12000--52.71-PASS



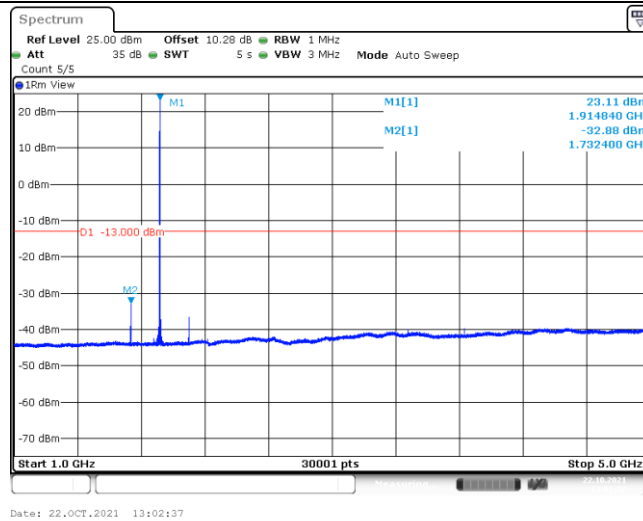
Band25-1.4MHz-QPSK-26365-6-0-Low-12000-26500--48.71-PASS



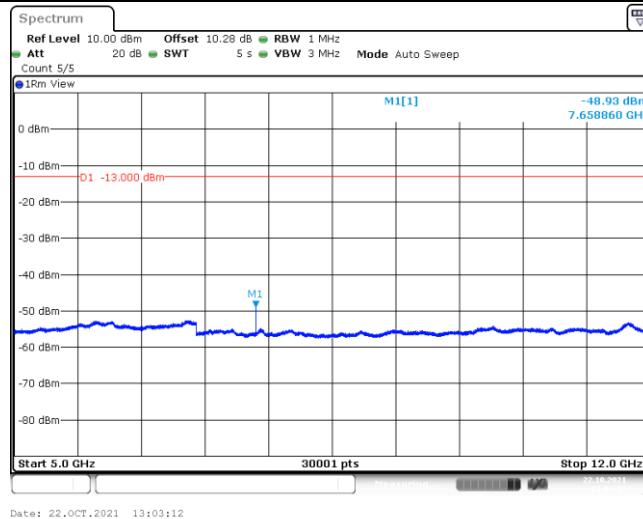
Band25-1.4MHz-QPSK-26683-1-5-Low-30-1000--33.99-PASS



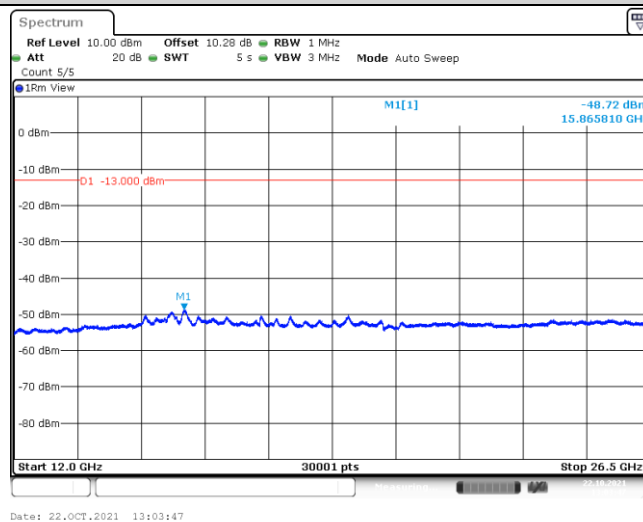
Band25-1.4MHz-QPSK-26683-1-5-Low-1000-5000--32.88-PASS



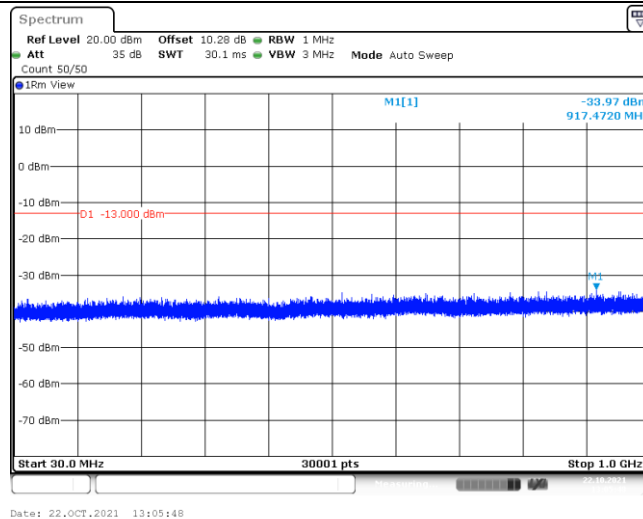
Band25-1.4MHz-QPSK-26683-1-5-Low-5000-12000--48.93-PASS



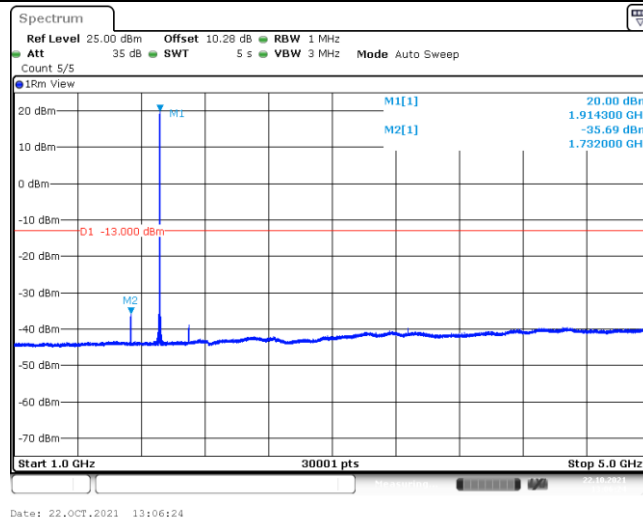
Band25-1.4MHz-QPSK-26683-1-5-Low-12000-26500--48.72-PASS



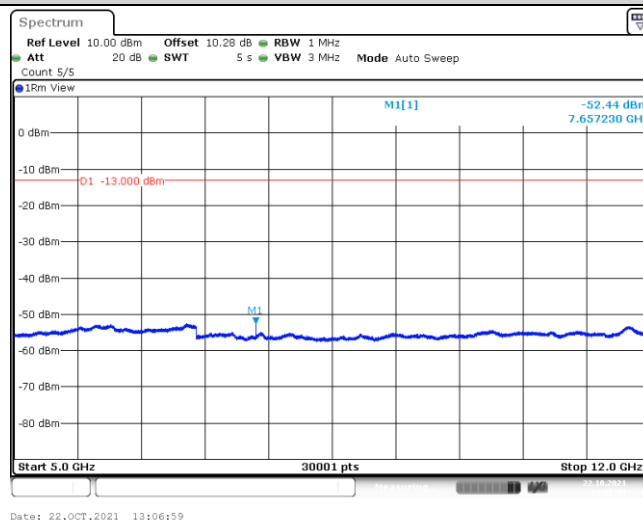
Band25-1.4MHz-QPSK-26683-6-0-Low-30-1000--33.97-PASS



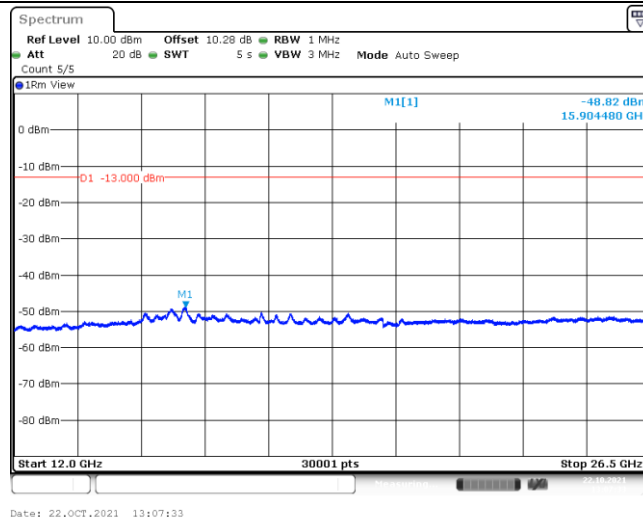
Band25-1.4MHz-QPSK-26683-6-0-Low-1000-5000--35.69-PASS



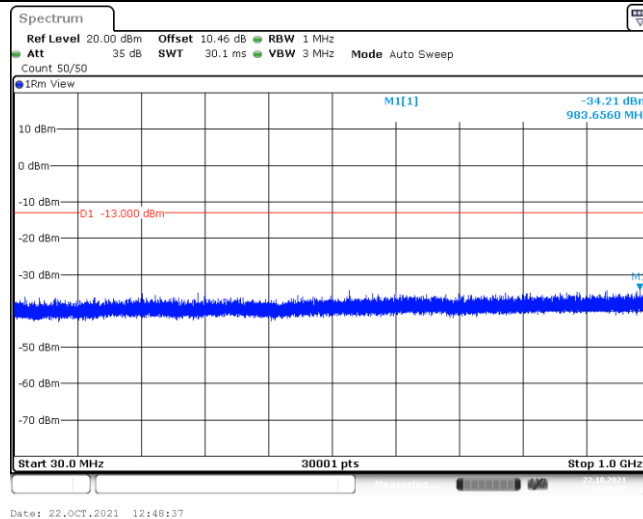
Band25-1.4MHz-QPSK-26683-6-0-Low-5000-12000--52.44-PASS



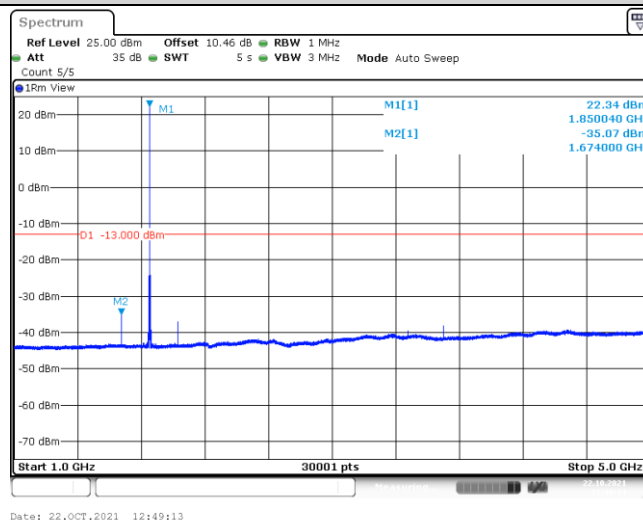
Band25-1.4MHz-QPSK-26683-6-0-Low-12000-26500--48.82-PASS



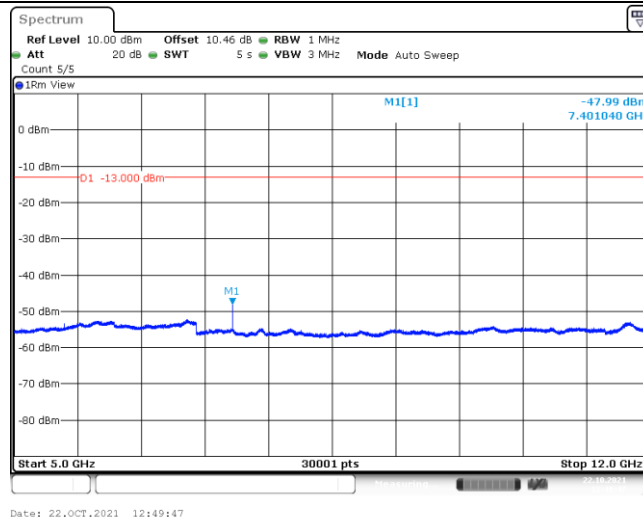
Band25-1.4MHz-16QAM-26047-1-0-Low-30-1000--34.21-PASS



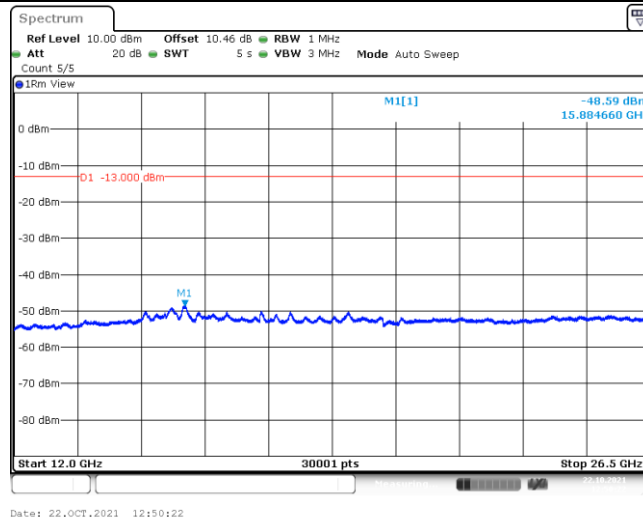
Band25-1.4MHz-16QAM-26047-1-0-Low-1000-5000--35.07-PASS



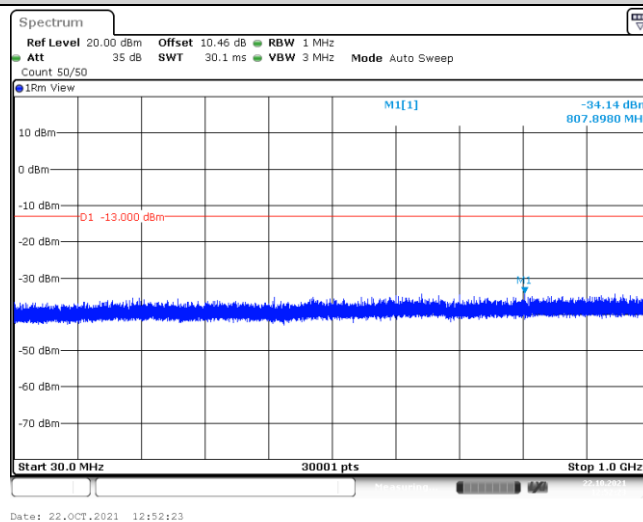
Band25-1.4MHz-16QAM-26047-1-0-Low-5000-12000--47.99-PASS



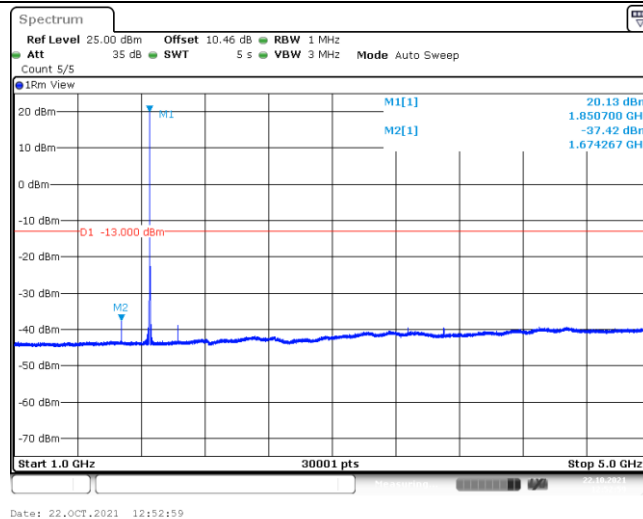
Band25-1.4MHz-16QAM-26047-1-0-Low-12000-26500--48.59-PASS



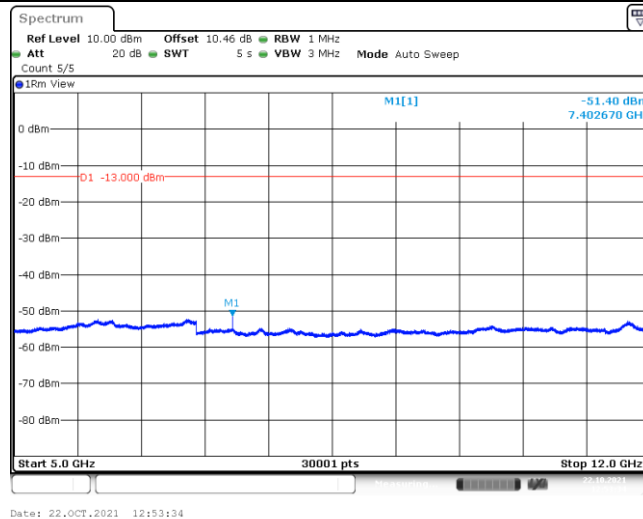
Band25-1.4MHz-16QAM-26047-6-0-Low-30-1000--34.14-PASS



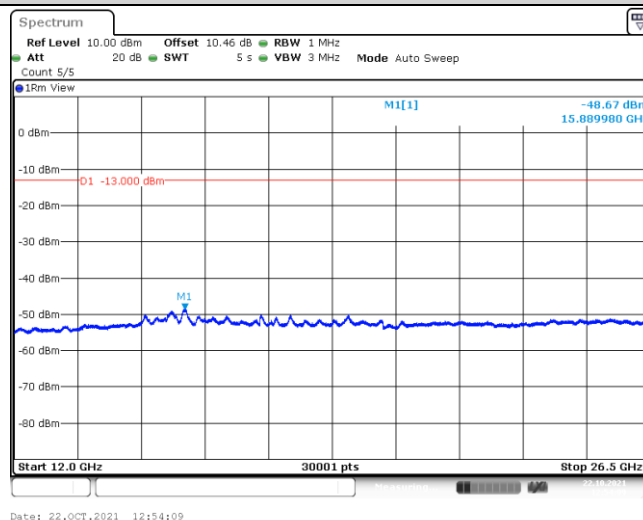
Band25-1.4MHz-16QAM-26047-6-0-Low-1000-5000--37.42-PASS



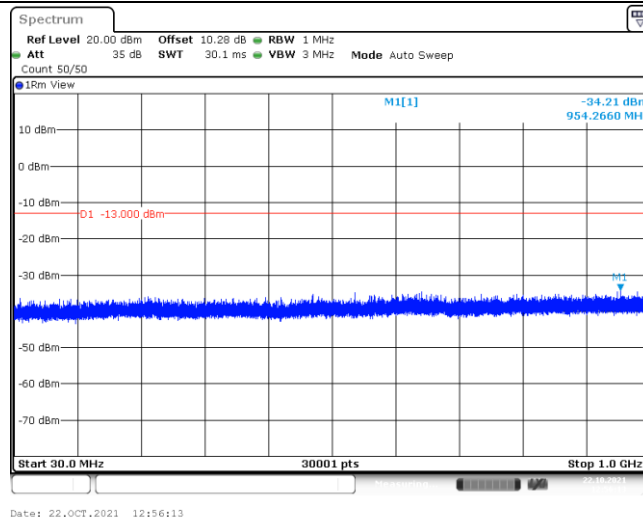
Band25-1.4MHz-16QAM-26047-6-0-Low-5000-12000--51.4-PASS



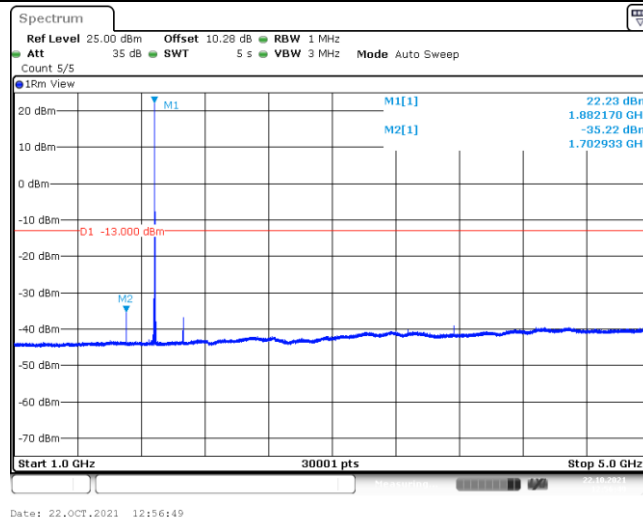
Band25-1.4MHz-16QAM-26047-6-0-Low-12000-26500--48.67-PASS



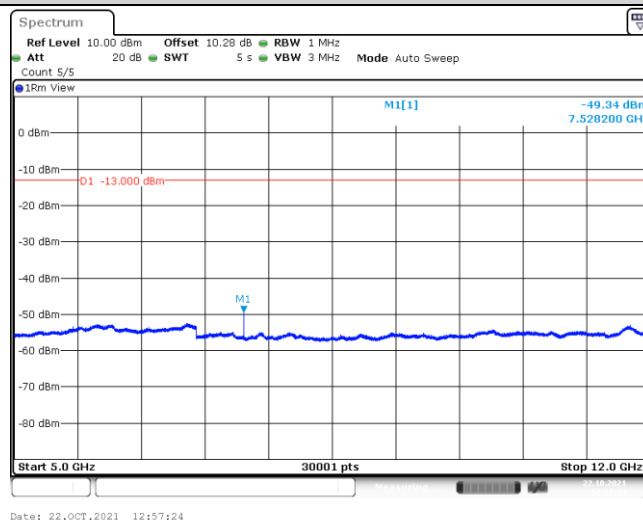
Band25-1.4MHz-16QAM-26365-1-0-Low-30-1000--34.21-PASS



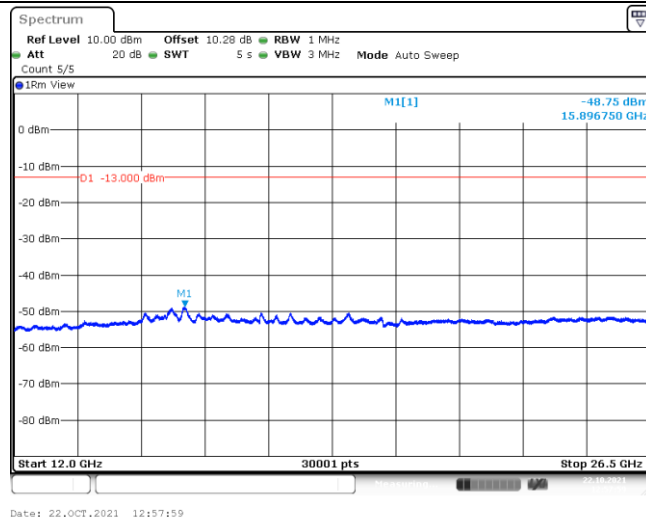
Band25-1.4MHz-16QAM-26365-1-0-Low-1000-5000--35.22-PASS



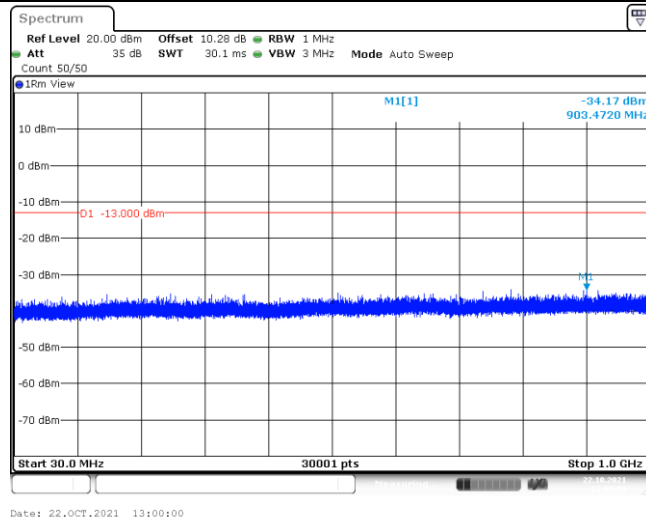
Band25-1.4MHz-16QAM-26365-1-0-Low-5000-12000--49.34-PASS



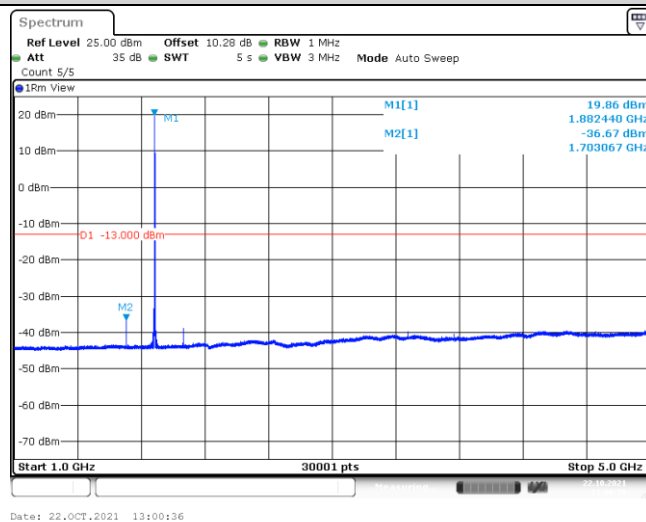
Band25-1.4MHz-16QAM-26365-1-0-Low-12000-26500--48.75-PASS



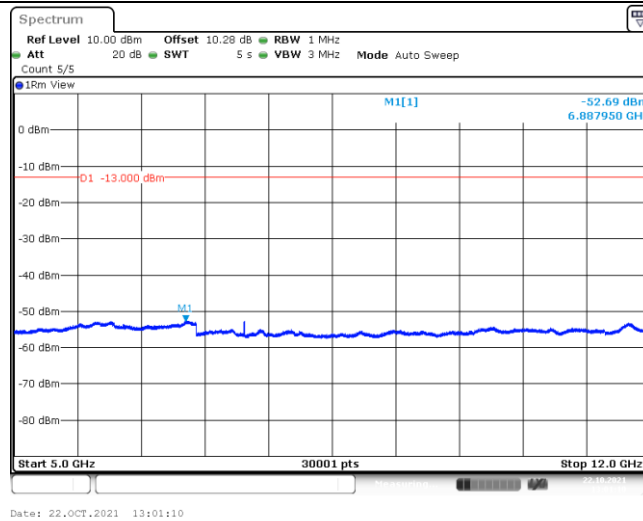
Band25-1.4MHz-16QAM-26365-6-0-Low-30-1000--34.17-PASS



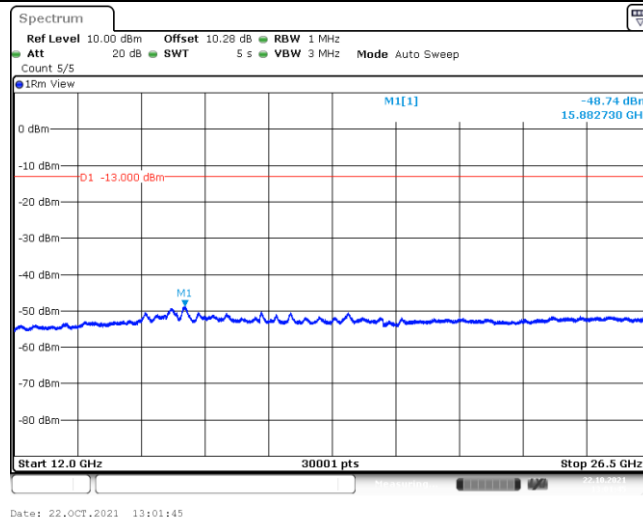
Band25-1.4MHz-16QAM-26365-6-0-Low-1000-5000--36.67-PASS



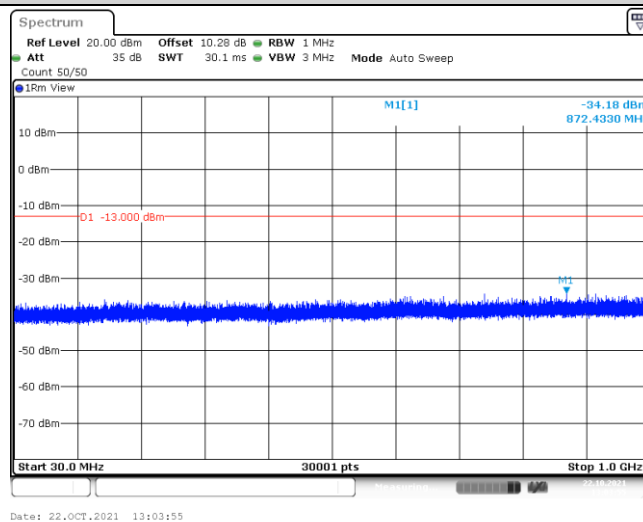
Band25-1.4MHz-16QAM-26365-6-0-Low-5000-12000--52.69-PASS



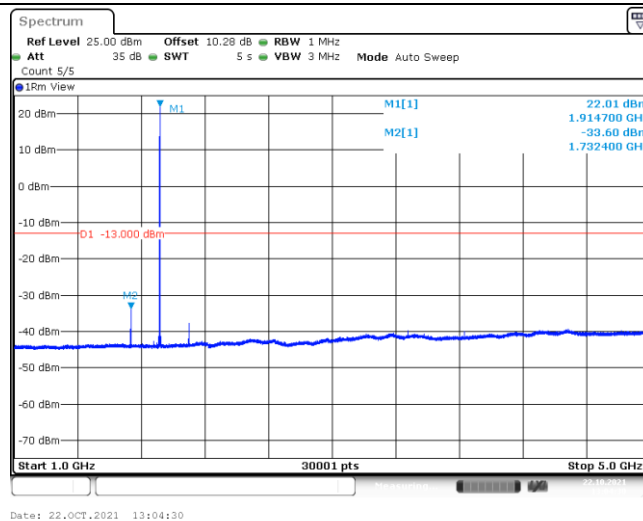
Band25-1.4MHz-16QAM-26365-6-0-Low-12000-26500--48.74-PASS



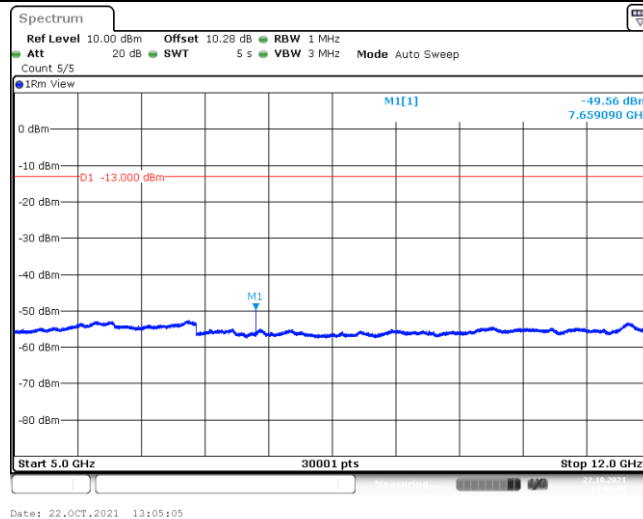
Band25-1.4MHz-16QAM-26683-1-5-Low-30-1000--34.18-PASS



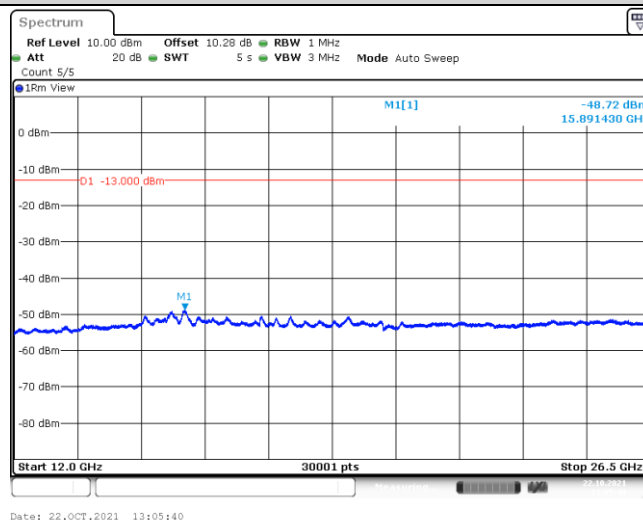
Band25-1.4MHz-16QAM-26683-1-5-Low-1000-5000--33.6-PASS



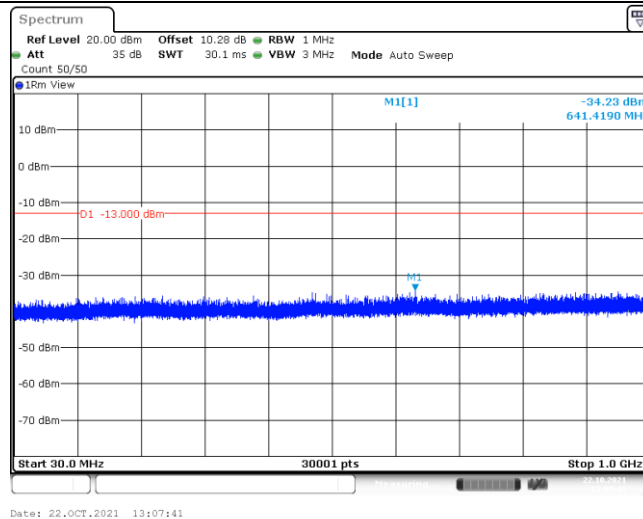
Band25-1.4MHz-16QAM-26683-1-5-Low-5000-12000--49.56-PASS



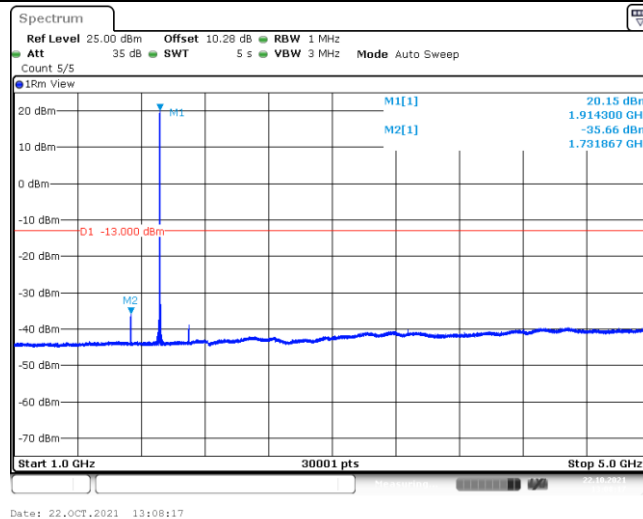
Band25-1.4MHz-16QAM-26683-1-5-Low-12000-26500--48.72-PASS



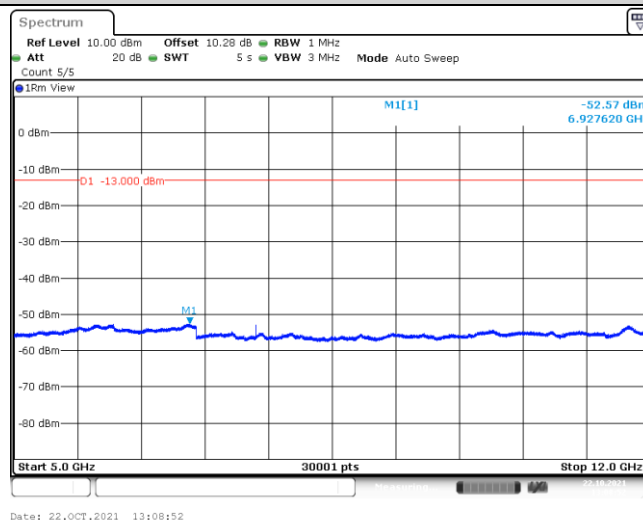
Band25-1.4MHz-16QAM-26683-6-0-Low-30-1000--34.23-PASS



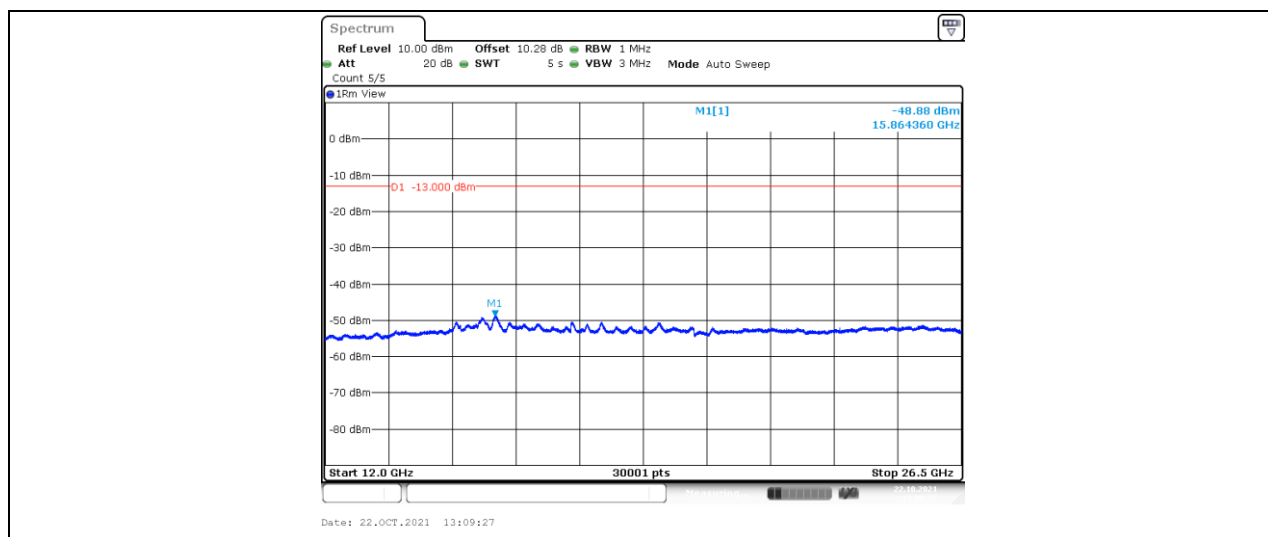
Band25-1.4MHz-16QAM-26683-6-0-Low-1000-5000--35.66-PASS



Band25-1.4MHz-16QAM-26683-6-0-Low-5000-12000--52.57-PASS



Band25-1.4MHz-16QAM-26683-6-0-Low-12000-26500--48.88-PASS



APPENDIX G.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
Band25	1.4MHz	26365	QPSK	1	0	Low	HV	NT	-19.00	-0.010093	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	LV	NT	-16.39	-0.008707	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	NT	-14.12	-0.007501	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	HV	NT	-34.42	-0.018284	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	LV	NT	-116.10	-0.061673	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	NT	-30.57	-0.016239	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	85	-13.70	-0.007278	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-30	-15.35	-0.008154	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-20	-16.05	-0.008526	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-10	-13.98	-0.007426	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	0	-14.42	-0.007660	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	10	-16.18	-0.008595	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	20	-15.05	-0.007995	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	30	-15.01	-0.007973	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	40	-10.86	-0.005769	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	50	-14.83	-0.007878	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	60	-14.36	-0.007628	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	70	-15.28	-0.008117	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-40	-14.22	-0.007554	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	80	-14.06	-0.007469	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	85	-33.30	-0.017689	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-30	-31.31	-0.016632	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-20	-116.16	-0.061705	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-10	-116.49	-0.061880	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	0	-116.43	-0.061849	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	10	-118.89	-0.063155	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	20	-33.04	-0.017551	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	30	-32.80	-0.017424	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	40	-117.53	-0.062433	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	50	-36.01	-0.019129	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	60	-30.41	-0.016154	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	70	-33.36	-0.017721	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	80	-34.58	-0.018369	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-40	-29.97	-0.015920	±2.5	PASS