

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	23.49	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	21.09	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	23.33	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	21.31	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	22.84	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	21.68	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	22.17	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	21.29	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	22.00	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	21.00	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	21.51	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	21.29	PASS
Band25	3MHz	26055	QPSK	1	0	Low	23.45	PASS
Band25	3MHz	26055	QPSK	6	0	Low	21.04	PASS
Band25	3MHz	26365	QPSK	1	0	Low	23.23	PASS
Band25	3MHz	26365	QPSK	6	0	Low	21.31	PASS
Band25	3MHz	26675	QPSK	1	5	High	22.85	PASS
Band25	3MHz	26675	QPSK	6	0	High	21.24	PASS
Band25	3MHz	26055	16QAM	1	0	Low	22.10	PASS
Band25	3MHz	26055	16QAM	6	0	Low	21.05	PASS
Band25	3MHz	26365	16QAM	1	0	Low	21.90	PASS
Band25	3MHz	26365	16QAM	6	0	Low	21.41	PASS
Band25	3MHz	26675	16QAM	1	5	High	21.71	PASS
Band25	3MHz	26675	16QAM	6	0	High	21.25	PASS
Band25	5MHz	26065	QPSK	1	0	Low	23.46	PASS
Band25	5MHz	26065	QPSK	6	0	Low	22.33	PASS
Band25	5MHz	26365	QPSK	1	0	Low	23.24	PASS
Band25	5MHz	26365	QPSK	6	0	Low	22.03	PASS
Band25	5MHz	26665	QPSK	1	5	High	22.89	PASS
Band25	5MHz	26665	QPSK	3	3	High	21.79	PASS
Band25	5MHz	26065	16QAM	1	0	Low	23.53	PASS
Band25	5MHz	26065	16QAM	6	0	Low	22.34	PASS
Band25	5MHz	26365	16QAM	1	0	Low	23.35	PASS
Band25	5MHz	26365	16QAM	6	0	Low	22.04	PASS
Band25	5MHz	26665	16QAM	1	5	High	22.96	PASS
Band25	5MHz	26665	16QAM	3	3	High	22.03	PASS
Band25	10MHz	26090	QPSK	1	0	Low	23.43	PASS
Band25	10MHz	26090	QPSK	5	0	Low	22.33	PASS
Band25	10MHz	26365	QPSK	1	0	Low	23.20	PASS
Band25	10MHz	26365	QPSK	5	0	Low	22.01	PASS

Band25	10MHz	26640	QPSK	1	5	High	22.86	PASS
Band25	10MHz	26640	QPSK	5	1	High	21.86	PASS
Band25	10MHz	26090	16QAM	1	0	Low	23.48	PASS
Band25	10MHz	26090	16QAM	5	0	Low	22.32	PASS
Band25	10MHz	26365	16QAM	1	0	Low	23.31	PASS
Band25	10MHz	26365	16QAM	5	0	Low	22.08	PASS
Band25	10MHz	26640	16QAM	1	5	High	22.93	PASS
Band25	10MHz	26640	16QAM	5	1	High	22.01	PASS
Band25	15MHz	26115	QPSK	1	0	Low	23.38	PASS
Band25	15MHz	26115	QPSK	6	0	Low	23.36	PASS
Band25	15MHz	26365	QPSK	1	0	Low	23.21	PASS
Band25	15MHz	26365	QPSK	6	0	Low	23.09	PASS
Band25	15MHz	26615	QPSK	1	5	High	22.82	PASS
Band25	15MHz	26615	QPSK	6	0	High	23.02	PASS
Band25	15MHz	26115	16QAM	1	0	Low	23.49	PASS
Band25	15MHz	26115	16QAM	6	0	Low	23.35	PASS
Band25	15MHz	26365	16QAM	1	0	Low	23.38	PASS
Band25	15MHz	26365	16QAM	6	0	Low	23.08	PASS
Band25	15MHz	26615	16QAM	1	5	High	23.05	PASS
Band25	15MHz	26615	16QAM	6	0	High	23.01	PASS
Band25	20MHz	26140	QPSK	1	0	Low	23.45	PASS
Band25	20MHz	26140	QPSK	6	0	Low	23.31	PASS
Band25	20MHz	26365	QPSK	1	0	Low	23.16	PASS
Band25	20MHz	26365	QPSK	6	0	Low	23.11	PASS
Band25	20MHz	26590	QPSK	1	5	High	22.95	PASS
Band25	20MHz	26590	QPSK	6	0	High	22.93	PASS
Band25	20MHz	26140	16QAM	1	0	Low	23.53	PASS
Band25	20MHz	26140	16QAM	6	0	Low	23.30	PASS
Band25	20MHz	26365	16QAM	1	0	Low	23.28	PASS
Band25	20MHz	26365	16QAM	6	0	Low	23.11	PASS
Band25	20MHz	26590	16QAM	1	5	High	23.01	PASS
Band25	20MHz	26590	16QAM	6	0	High	22.93	PASS

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

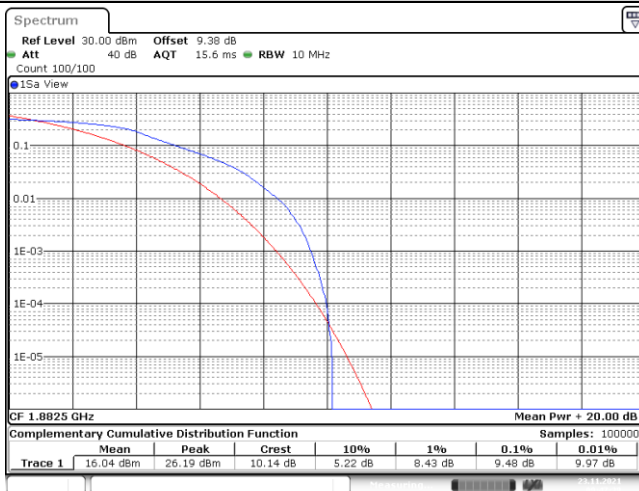
APPENDIX G.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band25	1.4MHz	26365	QPSK	6	0	Low	9.48	<=13	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	12.26	<=13	PASS
Band25	3MHz	26365	QPSK	6	0	Low	10.17	<=13	PASS
Band25	3MHz	26365	16QAM	6	0	Low	11.13	<=13	PASS
Band25	5MHz	26365	QPSK	6	0	Low	11.10	<=13	PASS
Band25	5MHz	26365	16QAM	6	0	Low	9.42	<=13	PASS
Band25	10MHz	26365	QPSK	6	0	Low	11.22	<=13	PASS
Band25	10MHz	26365	16QAM	6	0	Low	9.30	<=13	PASS
Band25	15MHz	26365	QPSK	6	0	Low	9.10	<=13	PASS
Band25	15MHz	26365	16QAM	6	0	Low	10.17	<=13	PASS
Band25	20MHz	26365	QPSK	6	0	Low	11.01	<=13	PASS
Band25	20MHz	26365	16QAM	6	0	Low	9.45	<=13	PASS

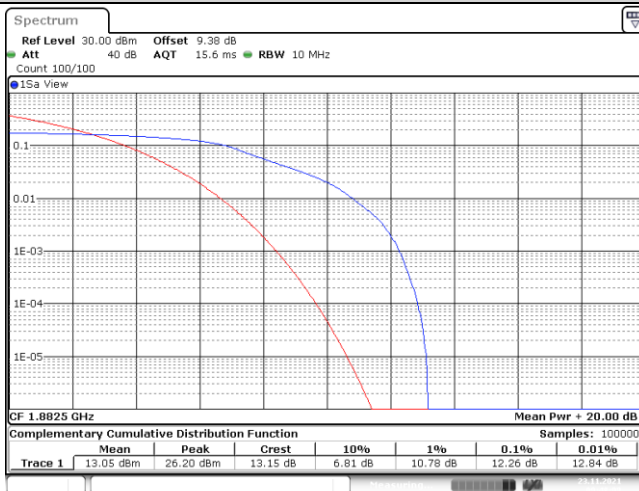
Test Graphs

Band25-1.4MHz-QPSK-26365-6-0-Low-9.48-<=13-PASS



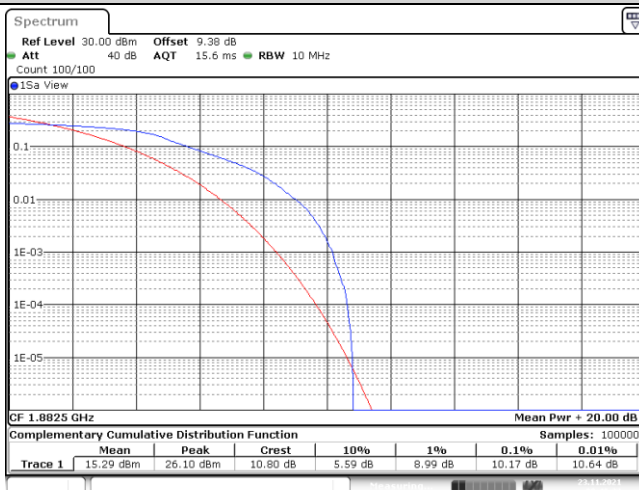
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Band25-1.4MHz-16QAM-26365-6-0-Low-12.26-<=13-PASS



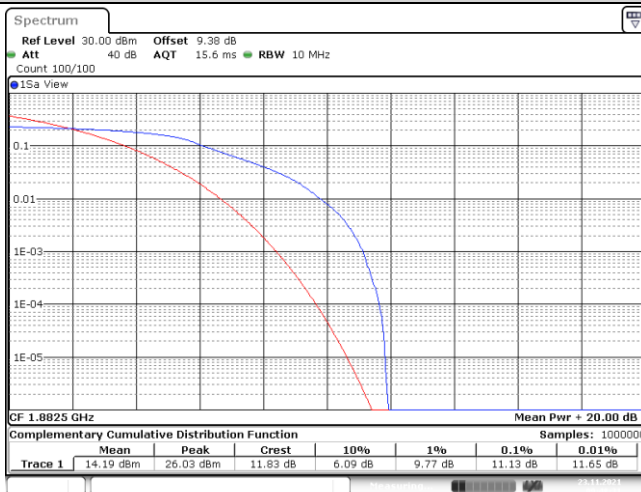
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Band25-3MHz-QPSK-26365-6-0-Low-10.17-<=13-PASS



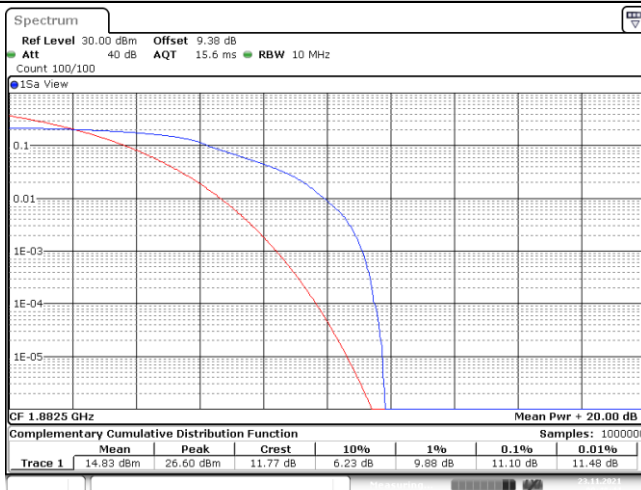
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Band25-3MHz-16QAM-26365-6-0-Low-11.13-<=13-PASS



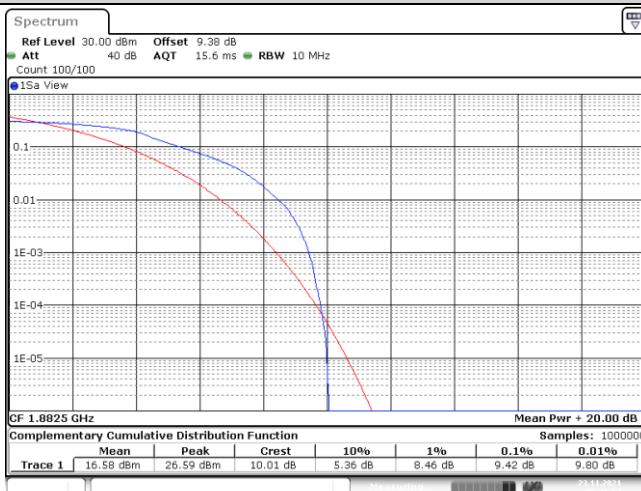
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Band25-5MHz-QPSK-26365-6-0-Low-11.10-<=13-PASS



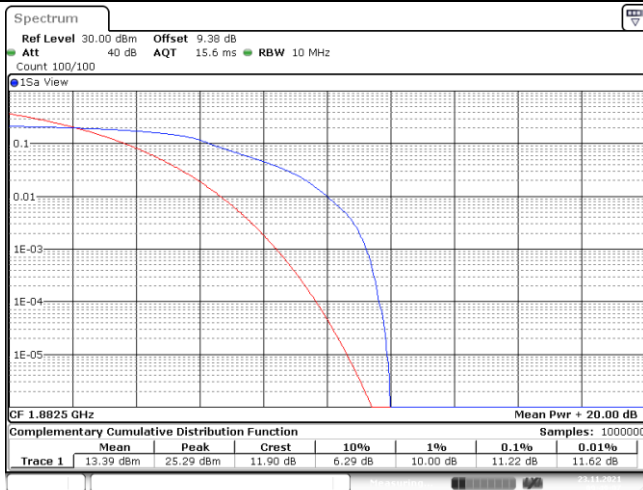
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Band25-5MHz-16QAM-26365-6-0-Low-9.42-<=13-PASS



Date: 23.NOV.2021 09:48:54

Band25-10MHz-QPSK-26365-6-0-Low-11.22-<=13-PASS



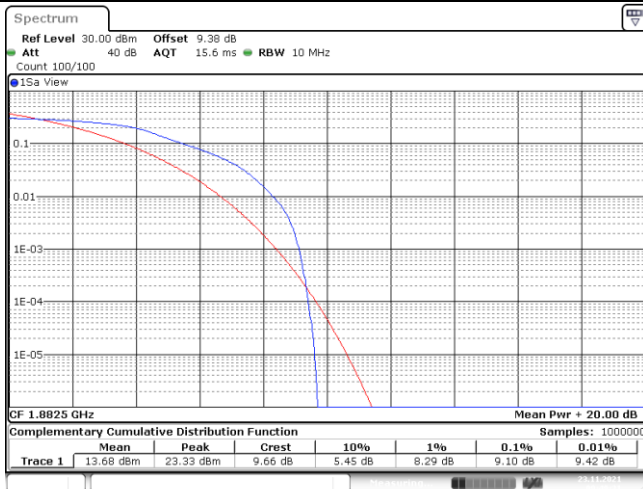
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Band25-10MHz-16QAM-26365-6-0-Low-9.30-<=13-PASS



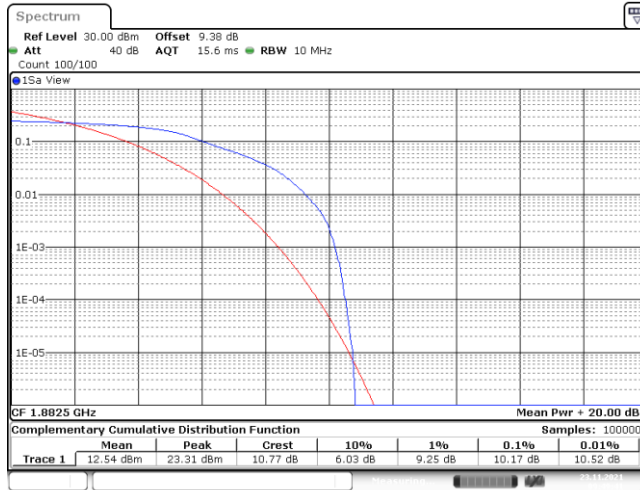
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Band25-15MHz-QPSK-26365-6-0-Low-9.10-<=13-PASS



Date: 23.NOV.2021 09:49:31

Band25-15MHz-16QAM-26365-6-0-Low-10.17-<=13-PASS



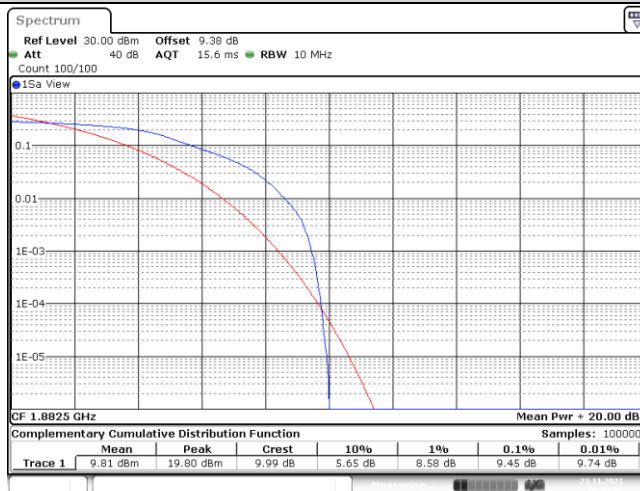
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Band25-20MHz-QPSK-26365-6-0-Low-11.01-<=13-PASS



Date: 23.NOV.2021 09:49:54

Band25-20MHz-16QAM-26365-6-0-Low-9.45-<=13-PASS



Date: 23.NOV.2021 09:50:04

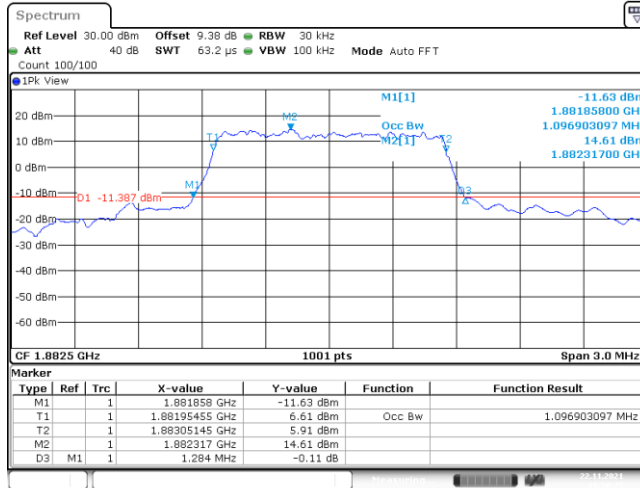
APPENDIX G.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

Test Result

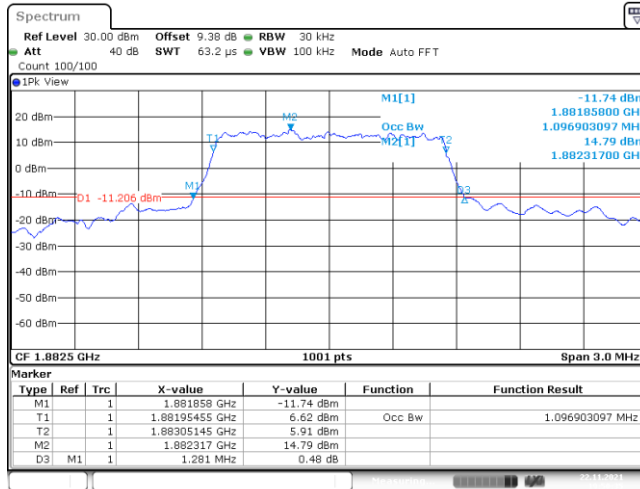
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	26365	QPSK	6	0	Low	1.097	1.284	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	1.097	1.281	PASS
Band25	3MHz	26365	QPSK	6	0	Low	1.103	1.290	PASS
Band25	3MHz	26365	16QAM	6	0	Low	1.103	1.296	PASS
Band25	5MHz	26365	QPSK	6	0	Low	1.109	1.300	PASS
Band25	5MHz	26365	16QAM	6	0	Low	1.109	1.300	PASS
Band25	10MHz	26365	QPSK	6	0	Low	1.099	1.320	PASS
Band25	10MHz	26365	16QAM	6	0	Low	1.119	1.320	PASS
Band25	15MHz	26365	QPSK	6	0	Low	1.139	1.380	PASS
Band25	15MHz	26365	16QAM	6	0	Low	1.139	1.350	PASS
Band25	20MHz	26365	QPSK	6	0	Low	1.159	1.360	PASS
Band25	20MHz	26365	16QAM	6	0	Low	1.159	1.400	PASS

Test Graphs

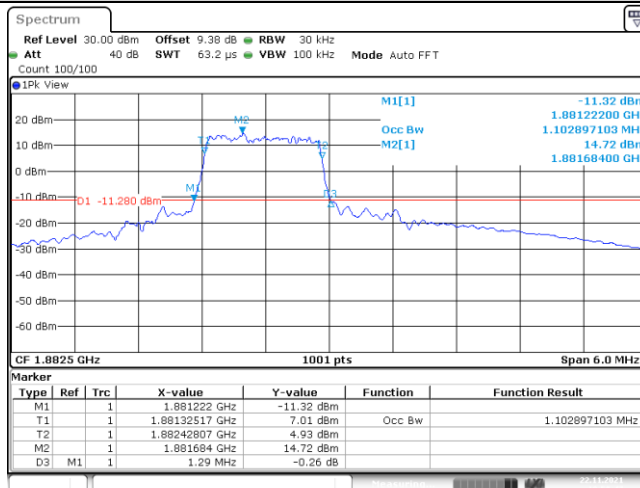
Band25-1.4MHz-QPSK-26365-6-0-Low-1.097-1.284-PASS



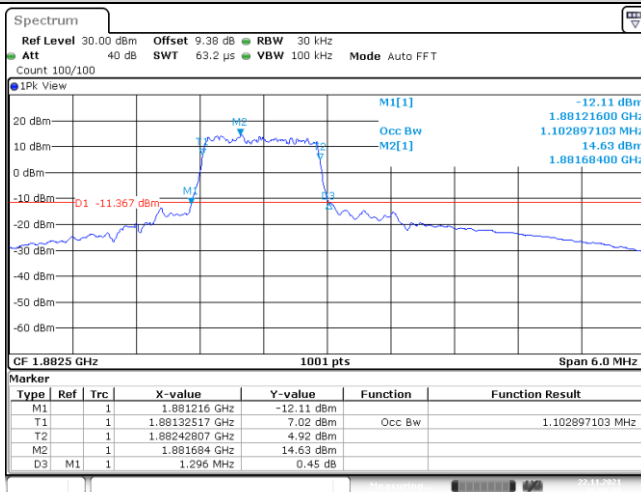
Band25-1.4MHz-16QAM-26365-6-0-Low-1.097-1.281-PASS



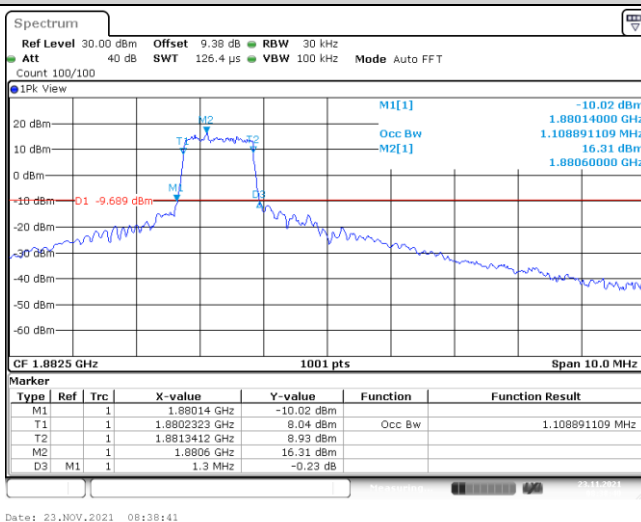
Band25-3MHz-QPSK-26365-6-0-Low-1.103-1.290-PASS



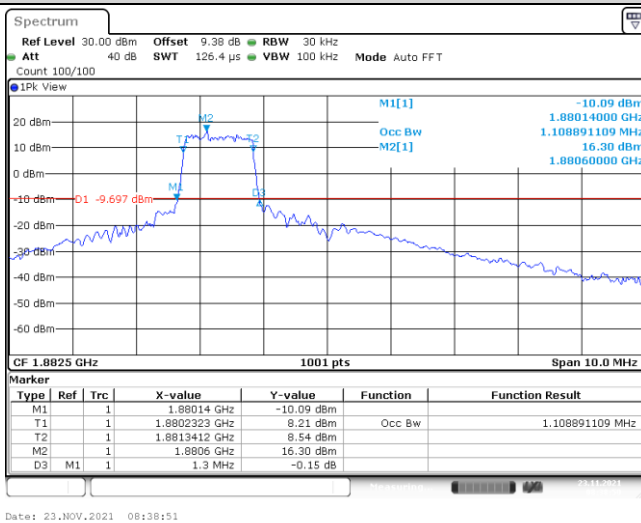
Band25-3MHz-16QAM-26365-6-0-Low-1.103-1.296-PASS



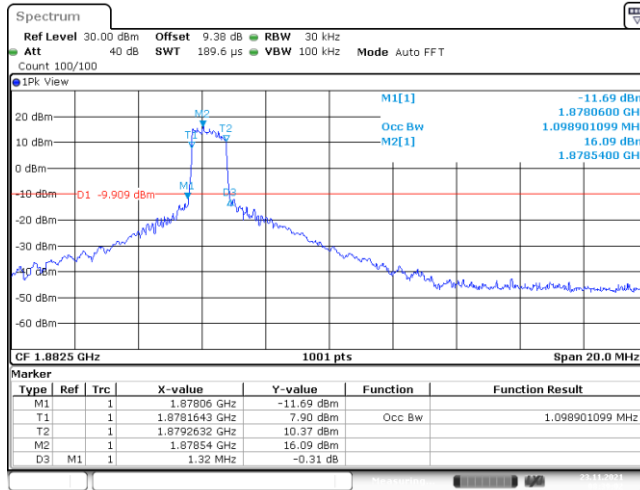
Band25-5MHz-QPSK-26365-6-0-Low-1.109-1.300-PASS



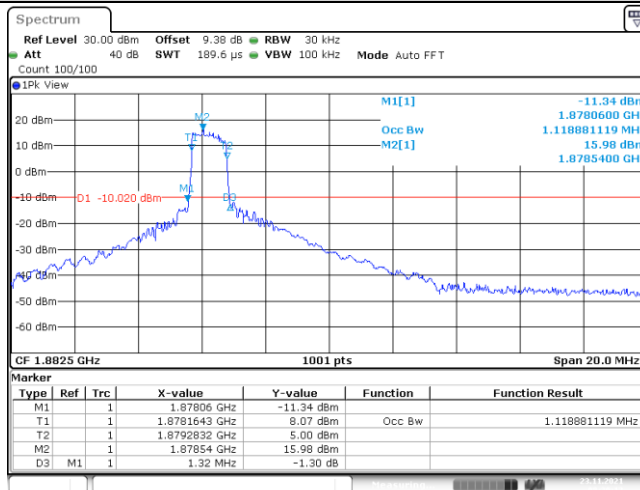
Band25-5MHz-16QAM-26365-6-0-Low-1.109-1.300-PASS



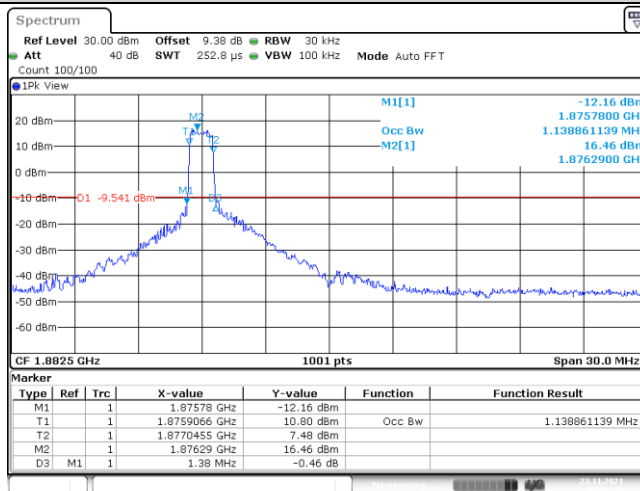
Band25-10MHz-QPSK-26365-6-0-Low-1.099-1.320-PASS



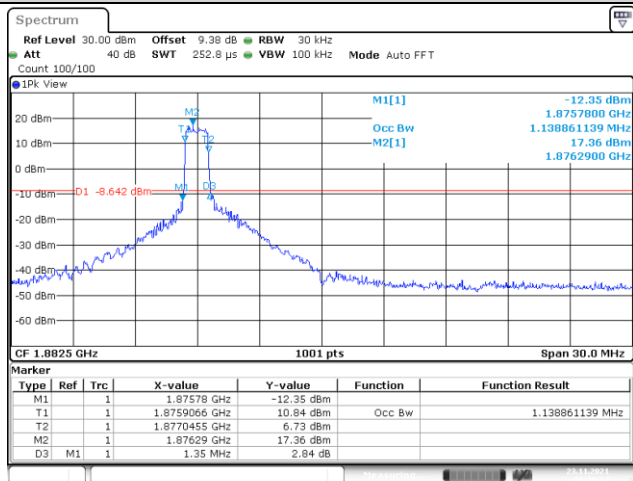
Band25-10MHz-16QAM-26365-6-0-Low-1.119-1.320-PASS



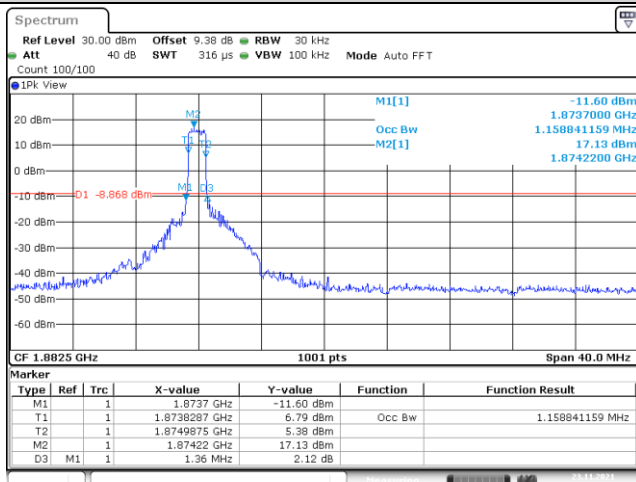
Band25-15MHz-QPSK-26365-6-0-Low-1.139-1.380-PASS



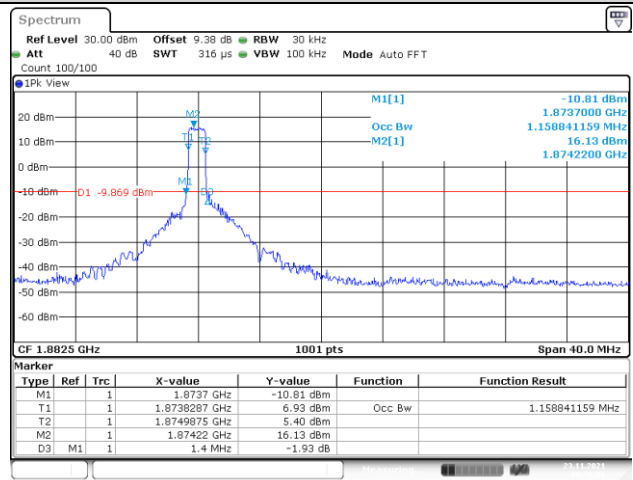
Band25-15MHz-16QAM-26365-6-0-Low-1.139-1.350-PASS



Band25-20MHz-QPSK-26365-6-0-Low-1.159-1.360-PASS



Band25-20MHz-16QAM-26365-6-0-Low-1.159-1.400-PASS



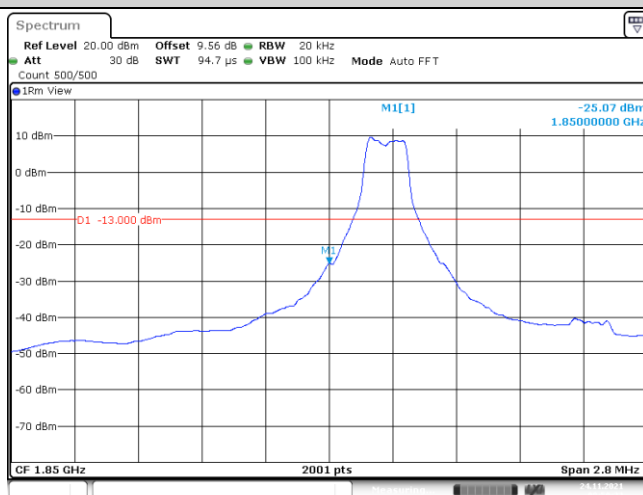
APPENDIX G.4: BAND EDGE FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band25	1.4MHz	26047	QPSK	1	0	Low	-25.07	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	-30.57	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	-26.63	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	-32.74	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	-29.00	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	-30.46	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	-28.61	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	-33.08	PASS

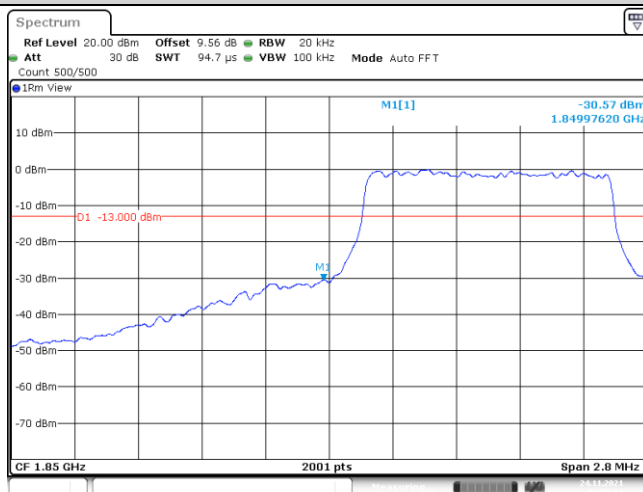
Test Graphs

Band25-1.4MHz-QPSK-26047-1-0-Low--25.07-PASS



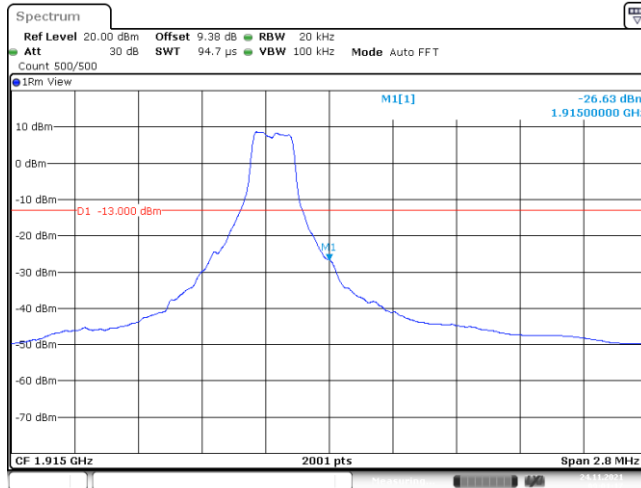
Date: 24.NOV.2021 08:59:23

Band25-1.4MHz-QPSK-26047-6-0-Low--30.57-PASS

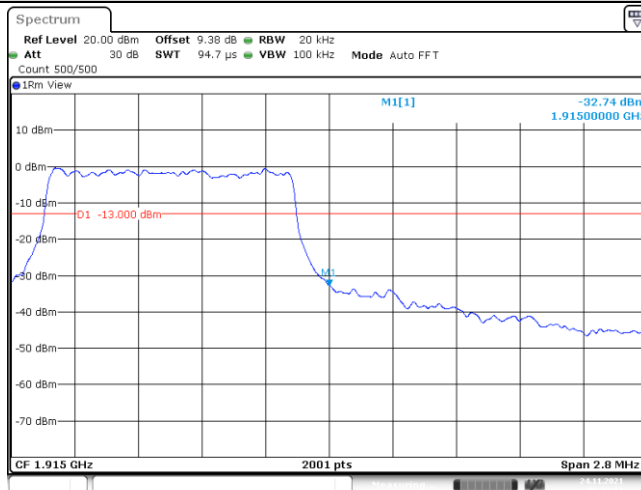


Date: 24.NOV.2021 09:00:17

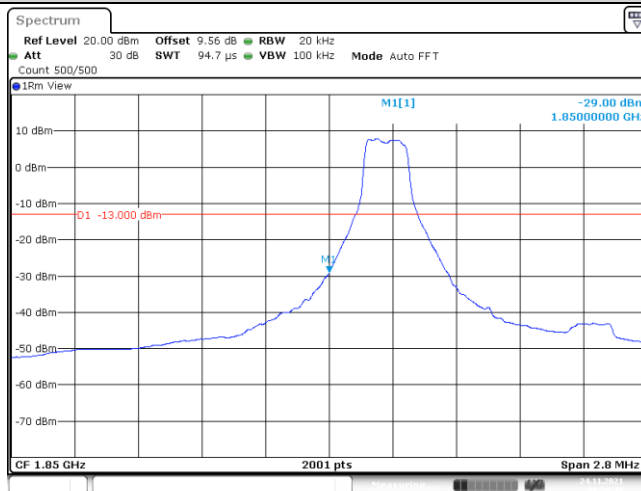
Band25-1.4MHz-QPSK-26683-1-5-Low--26.63-PASS



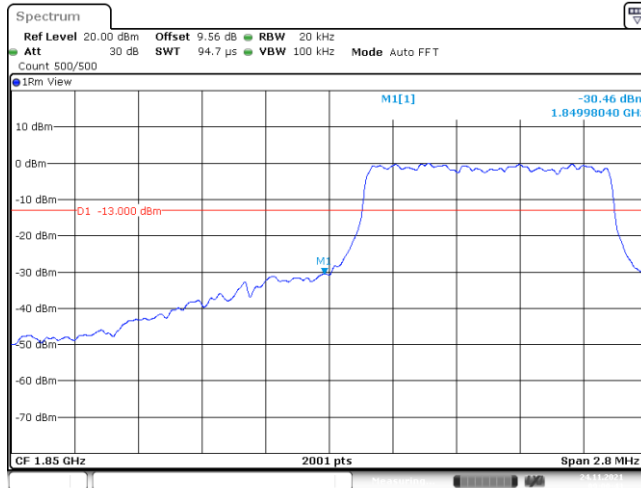
Band25-1.4MHz-QPSK-26683-6-0-Low--32.74-PASS



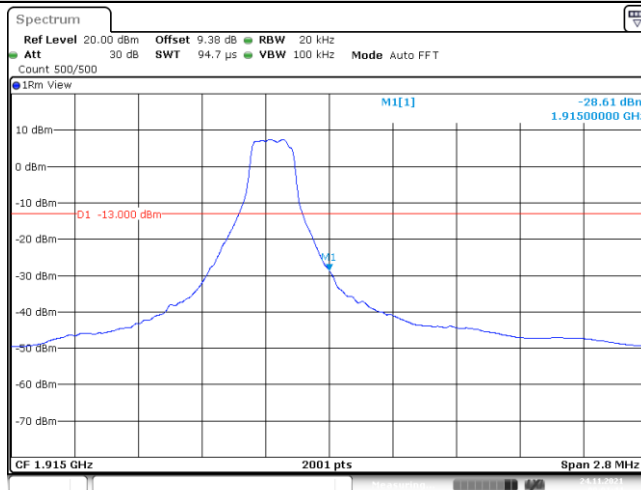
Band25-1.4MHz-16QAM-26047-1-0-Low--29.00-PASS



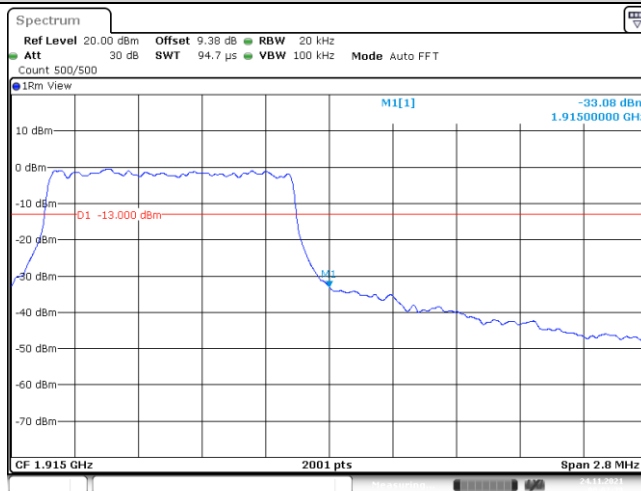
Band25-1.4MHz-16QAM-26047-6-0-Low--30.46-PASS



Band25-1.4MHz-16QAM-26683-1-5-Low--28.61-PASS



Band25-1.4MHz-16QAM-26683-6-0-Low--33.08-PASS



APPENDIX G.5: CONDUCTED SPURIOUS EMISSION FOR M1

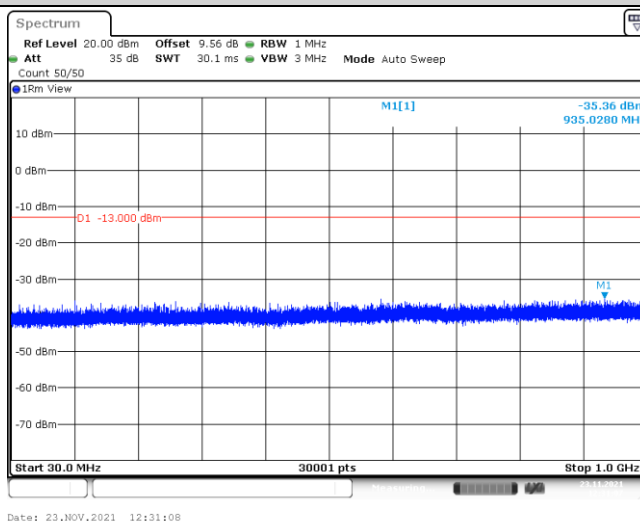
Test Result

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	-35.36	PASS
Band25	1.4MHz	26047	QPSK	1	0	Low	1000	5000	-34.22	PASS
Band25	1.4MHz	26047	QPSK	1	0	Low	5000	12000	-52.16	PASS
Band25	1.4MHz	26047	QPSK	1	0	Low	12000	26500	-49.53	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	30	1000	-34.86	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	1000	5000	-37.18	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	5000	12000	-53.24	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	12000	26500	-49.37	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	30	1000	-35.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	1000	5000	-32.58	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	5000	12000	-51.69	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	12000	26500	-49.64	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	30	1000	-35.58	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	1000	5000	-35.68	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	5000	12000	-53.55	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	12000	26500	-49.62	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	30	1000	-34.8	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	1000	5000	-31.66	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	5000	12000	-51.22	PASS
Band25	1.4MHz	26683	QPSK	1	5	Low	12000	26500	-49.63	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	30	1000	-34.72	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	1000	5000	-34.61	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	5000	12000	-53.47	PASS
Band25	1.4MHz	26683	QPSK	6	0	Low	12000	26500	-49.69	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	30	1000	-35.14	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	1000	5000	-34.9	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	5000	12000	-52.61	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	12000	26500	-49.52	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	30	1000	-34.7	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	1000	5000	-37.04	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	5000	12000	-53.39	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	12000	26500	-49.57	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	30	1000	-35.15	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	1000	5000	-32.83	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	5000	12000	-52.36	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	12000	26500	-49.71	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	30	1000	-35.15	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	1000	5000	-35.54	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	5000	12000	-53.46	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	12000	26500	-49.6	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	30	1000	-35.67	PASS

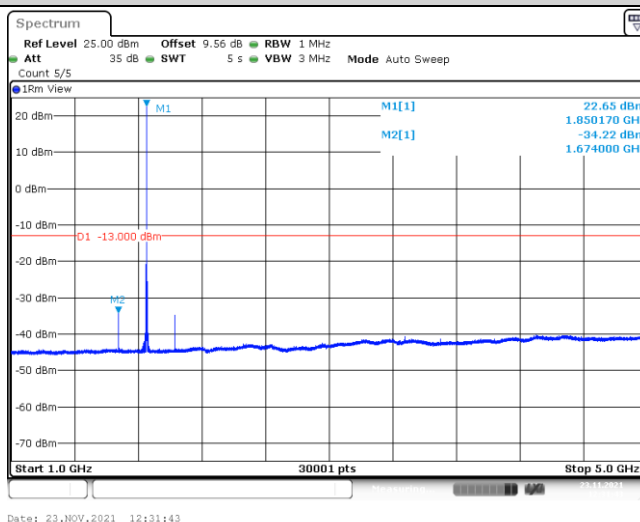
Band25	1.4MHz	26683	16QAM	1	5	Low	1000	5000	-32.86	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	5000	12000	-52.21	PASS
Band25	1.4MHz	26683	16QAM	1	5	Low	12000	26500	-49.66	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	30	1000	-34.84	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	1000	5000	-34.3	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	5000	12000	-53.59	PASS
Band25	1.4MHz	26683	16QAM	6	0	Low	12000	26500	-49.56	PASS

Test Graphs

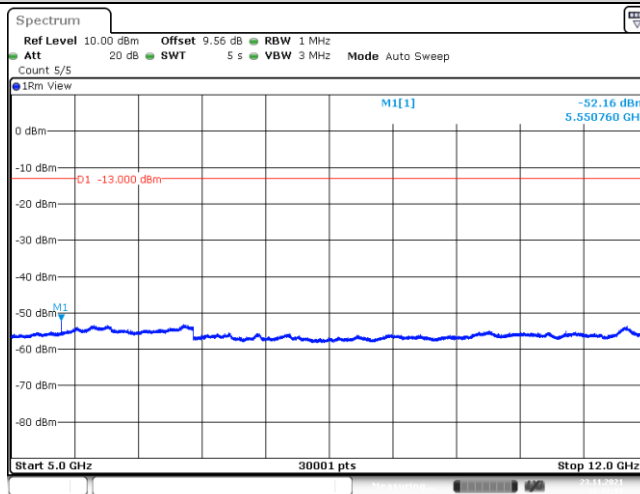
Band25-1.4MHz-QPSK-26047-1-0-Low-30-1000--35.36-PASS



Band25-1.4MHz-QPSK-26047-1-0-Low-1000-5000--34.22-PASS

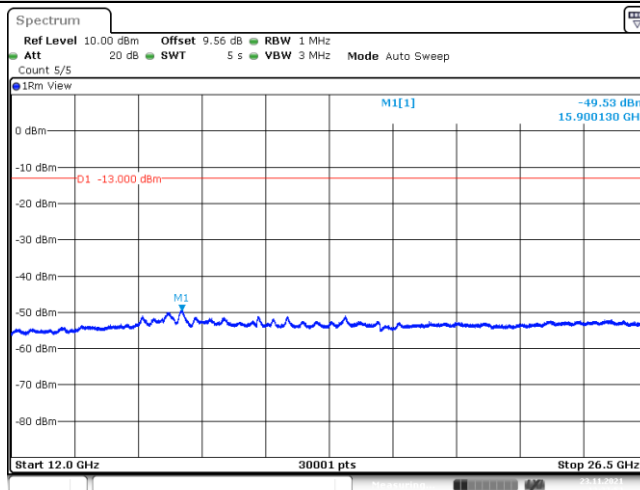


Band25-1.4MHz-QPSK-26047-1-0-Low-5000-12000--52.16-PASS



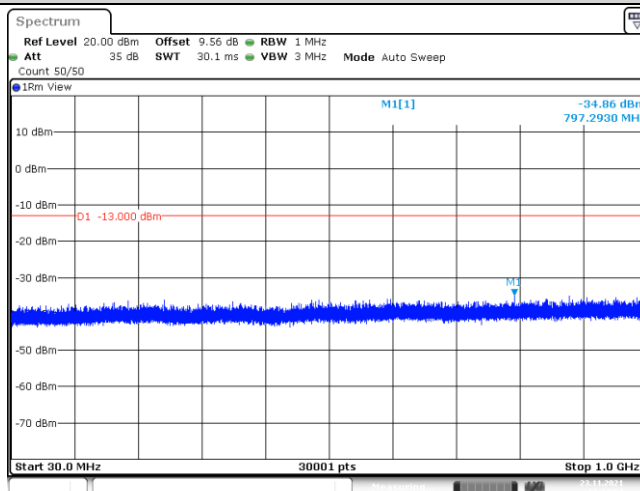
Date: 23.NOV.2021 12:32:18

Band25-1.4MHz-QPSK-26047-1-0-Low-12000-26500--49.53-PASS



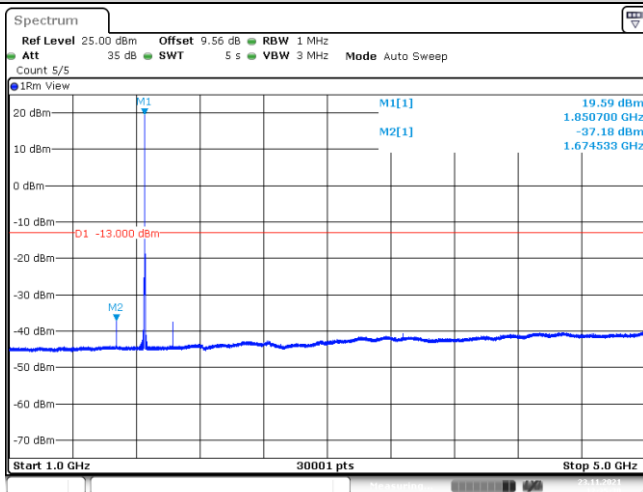
Date: 23.NOV.2021 12:32:53

Band25-1.4MHz-QPSK-26047-6-0-Low-30-1000--34.86-PASS



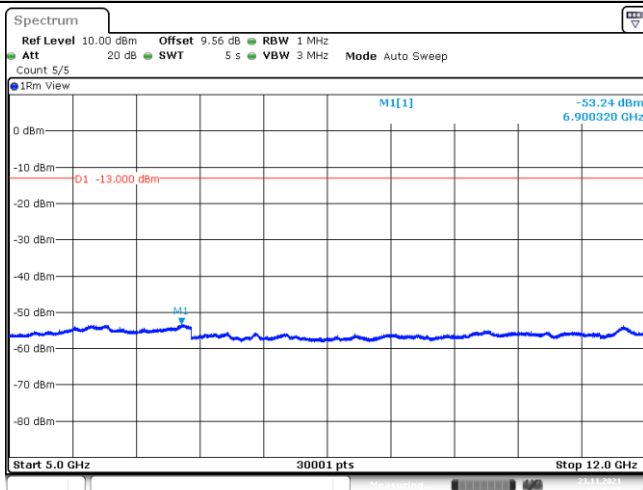
Date: 23.NOV.2021 12:34:54

Band25-1.4MHz-QPSK-26047-6-0-Low-1000-5000--37.18-PASS



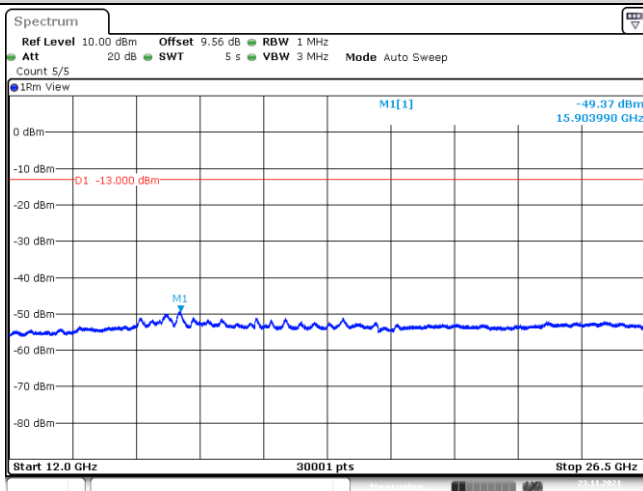
Date: 23.NOV.2021 12:35:30

Band25-1.4MHz-QPSK-26047-6-0-Low-5000-12000--53.24-PASS



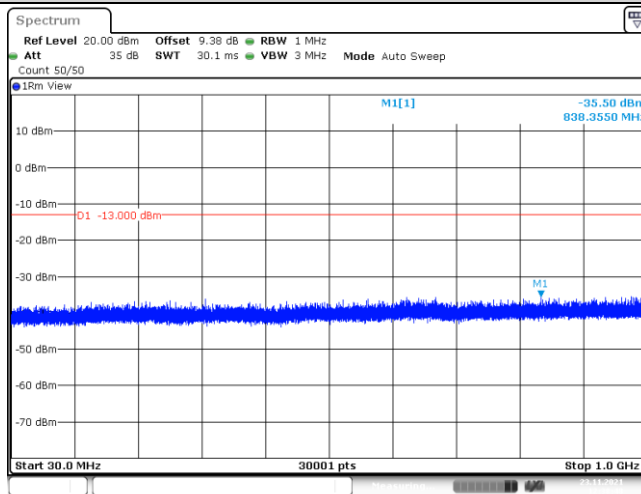
Date: 23.NOV.2021 12:36:05

Band25-1.4MHz-QPSK-26047-6-0-Low-12000-26500--49.37-PASS



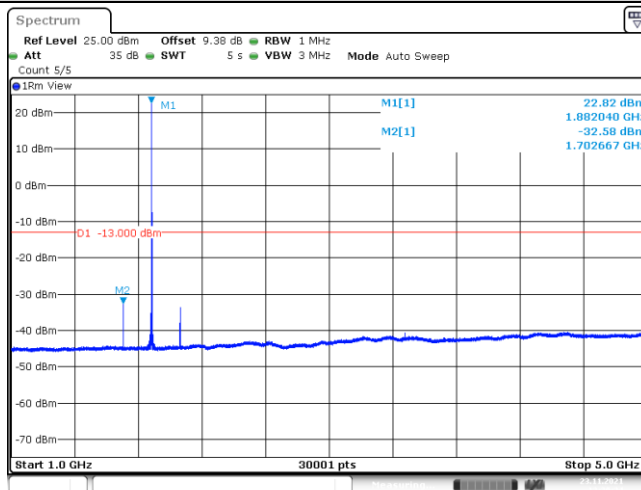
Date: 23.NOV.2021 12:36:40

Band25-1.4MHz-QPSK-26365-1-0-Low-30-1000--35.5-PASS



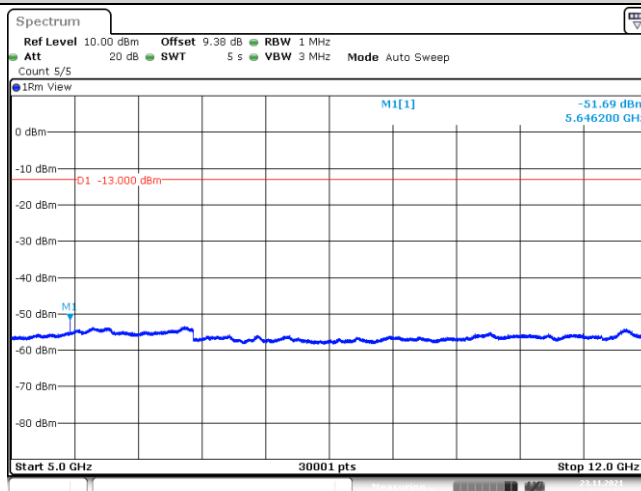
Date: 23.NOV.2021 12:38:49

Band25-1.4MHz-QPSK-26365-1-0-Low-1000-5000--32.58-PASS



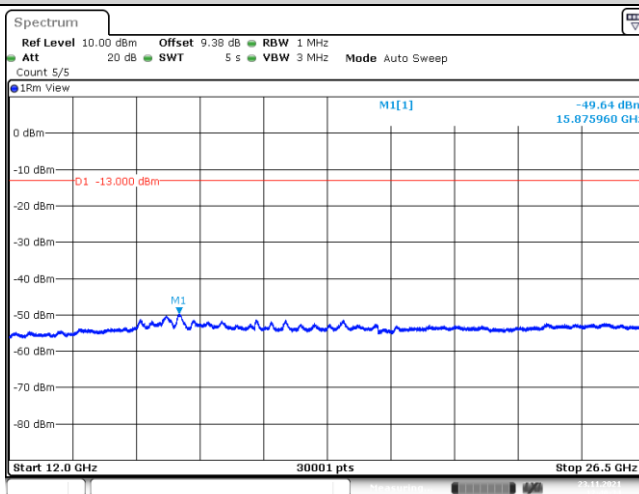
Date: 23.NOV.2021 12:39:24

Band25-1.4MHz-QPSK-26365-1-0-Low-5000-12000--51.69-PASS



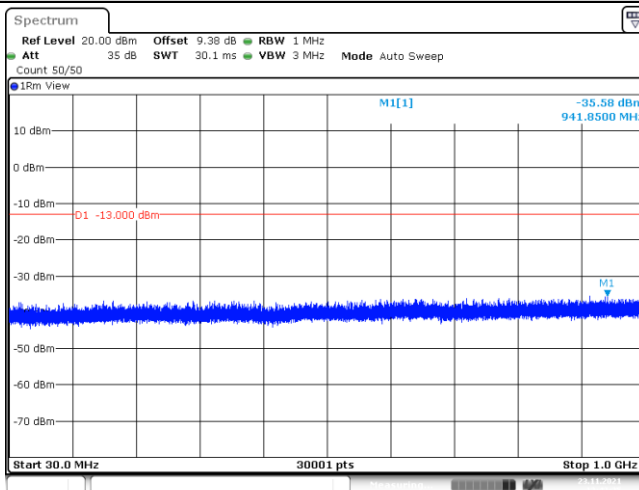
Date: 23.NOV.2021 12:39:59

Band25-1.4MHz-QPSK-26365-1-0-Low-12000-26500--49.64-PASS



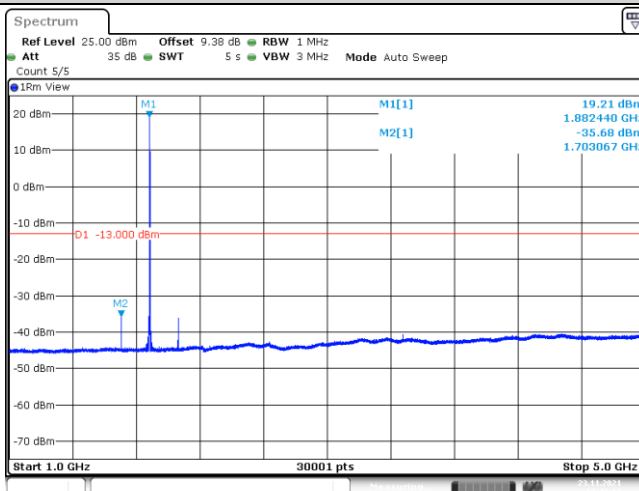
Date: 23.NOV.2021 12:40:34

Band25-1.4MHz-QPSK-26365-6-0-Low-30-1000--35.58-PASS



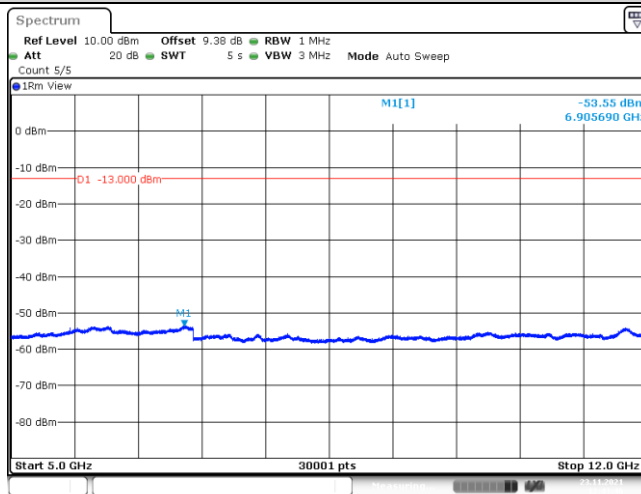
Date: 23.NOV.2021 12:42:35

Band25-1.4MHz-QPSK-26365-6-0-Low-1000-5000--35.68-PASS



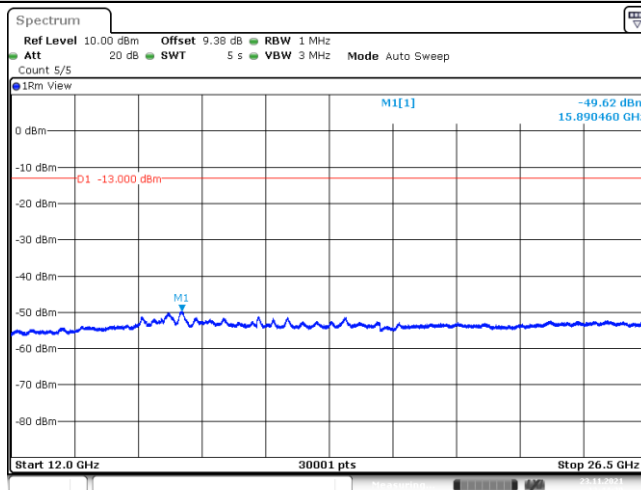
Date: 23.NOV.2021 12:43:11

Band25-1.4MHz-QPSK-26365-6-0-Low-5000-12000--53.55-PASS



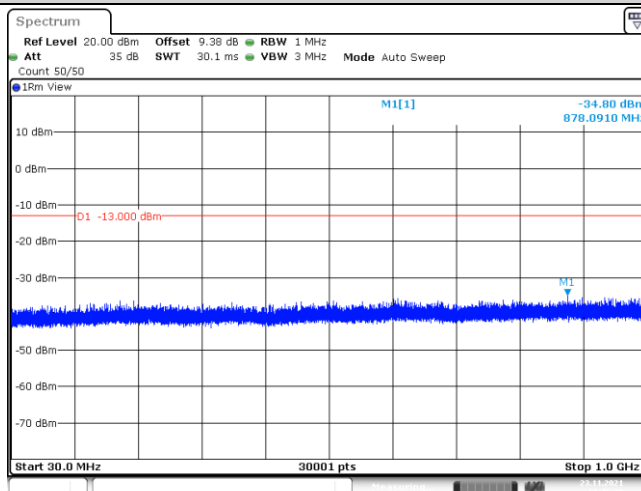
Date: 23.NOV.2021 12:43:46

Band25-1.4MHz-QPSK-26365-6-0-Low-12000-26500--49.62-PASS



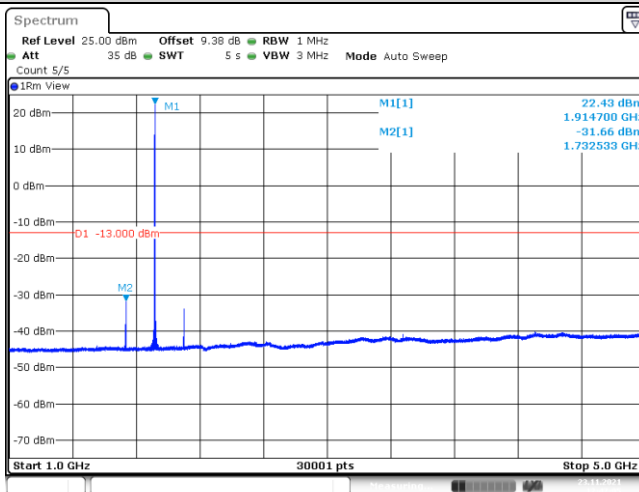
Date: 23.NOV.2021 12:44:21

Band25-1.4MHz-QPSK-26683-1-5-Low-30-1000--34.8-PASS



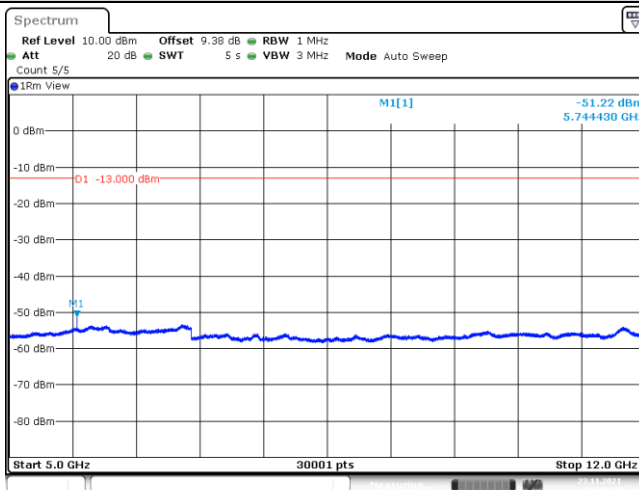
Date: 23.NOV.2021 12:46:30

Band25-1.4MHz-QPSK-26683-1-5-Low-1000-5000--31.66-PASS



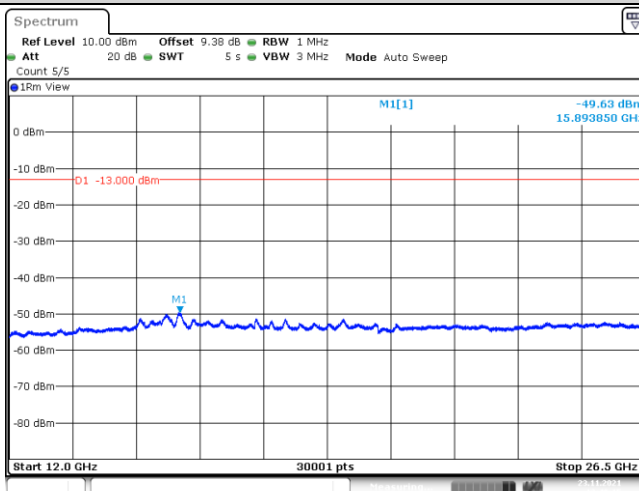
Date: 23.NOV.2021 12:47:05

Band25-1.4MHz-QPSK-26683-1-5-Low-5000-12000--51.22-PASS



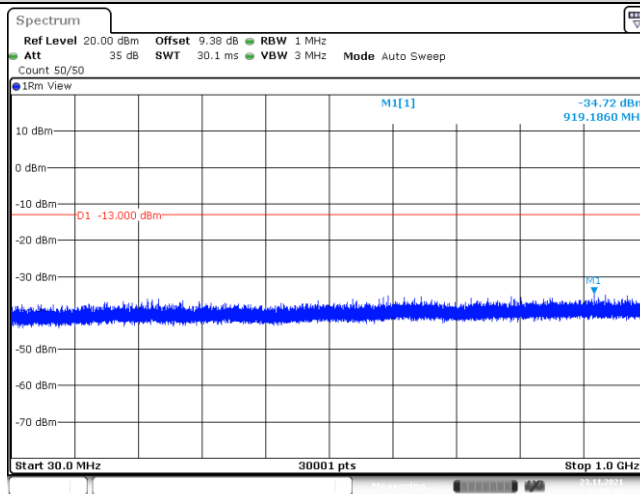
Date: 23.NOV.2021 12:47:40

Band25-1.4MHz-QPSK-26683-1-5-Low-12000-26500--49.63-PASS



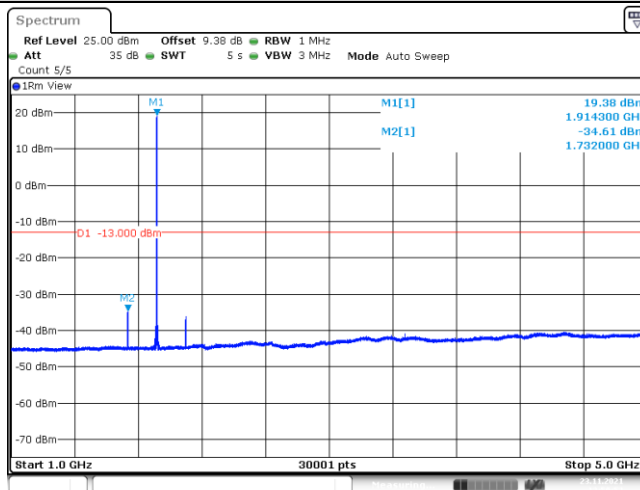
Date: 23.NOV.2021 12:48:15

Band25-1.4MHz-QPSK-26683-6-0-Low-30-1000--34.72-PASS



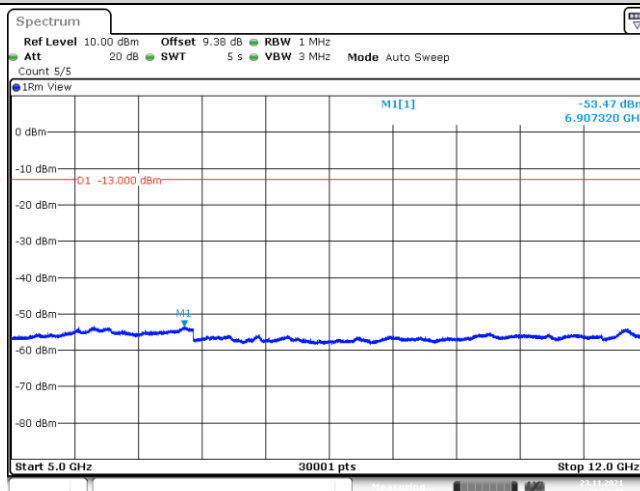
Date: 23.NOV.2021 12:50:17

Band25-1.4MHz-QPSK-26683-6-0-Low-1000-5000--34.61-PASS



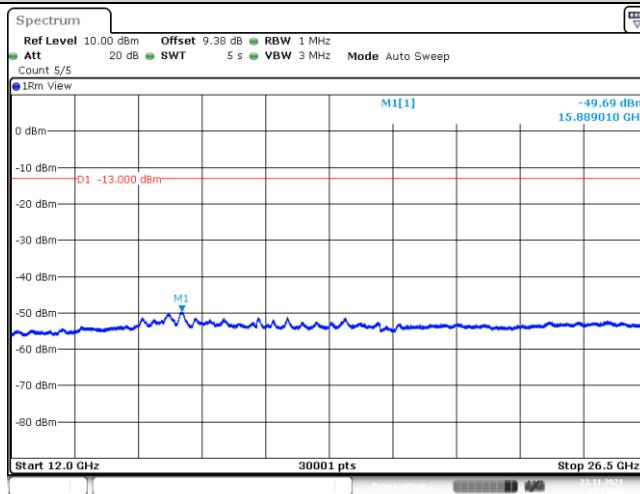
Date: 23.NOV.2021 12:50:52

Band25-1.4MHz-QPSK-26683-6-0-Low-5000-12000--53.47-PASS



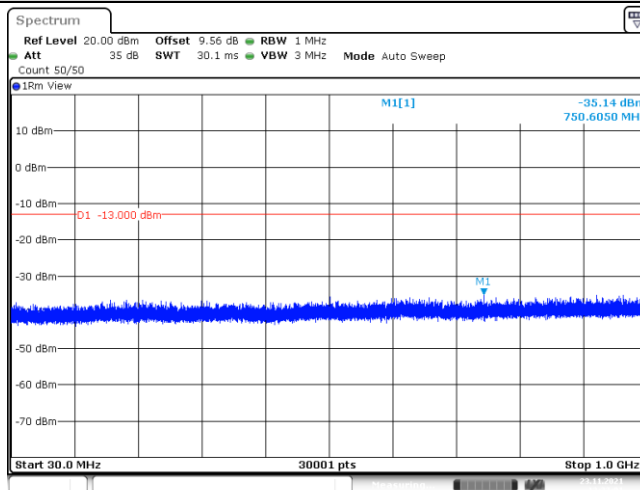
Date: 23.NOV.2021 12:51:27

Band25-1.4MHz-QPSK-26683-6-0-Low-12000-26500--49.69-PASS



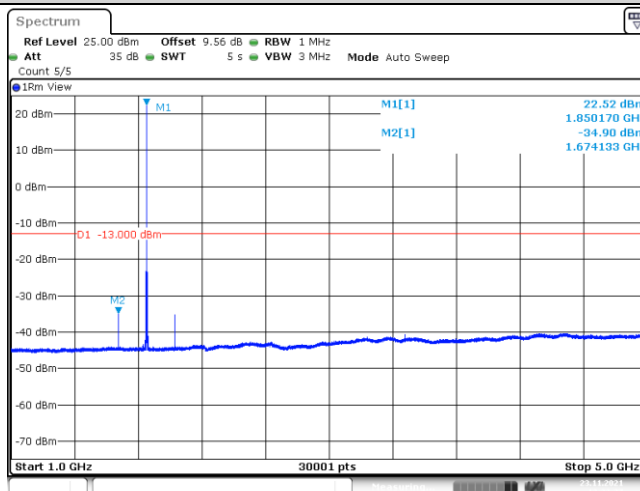
Date: 23.NOV.2021 12:52:02

Band25-1.4MHz-16QAM-26047-1-0-Low-30-1000--35.14-PASS



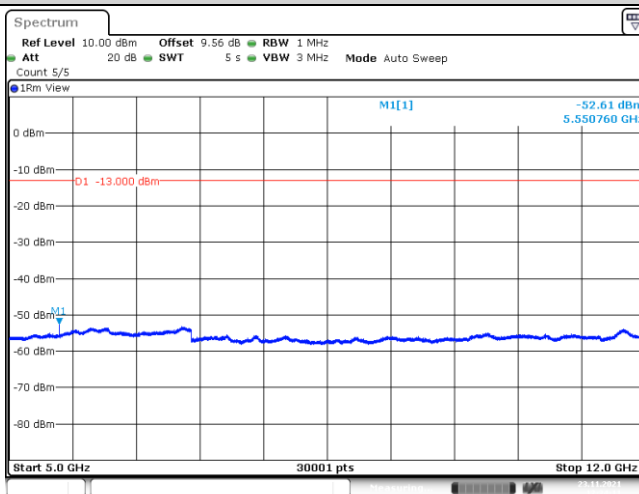
Date: 23.NOV.2021 12:33:01

Band25-1.4MHz-16QAM-26047-1-0-Low-1000-5000--34.9-PASS



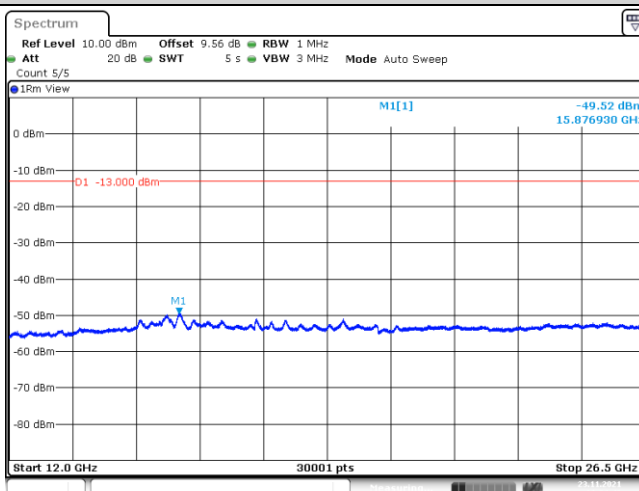
Date: 23.NOV.2021 12:33:37

Band25-1.4MHz-16QAM-26047-1-0-Low-5000-12000--52.61-PASS



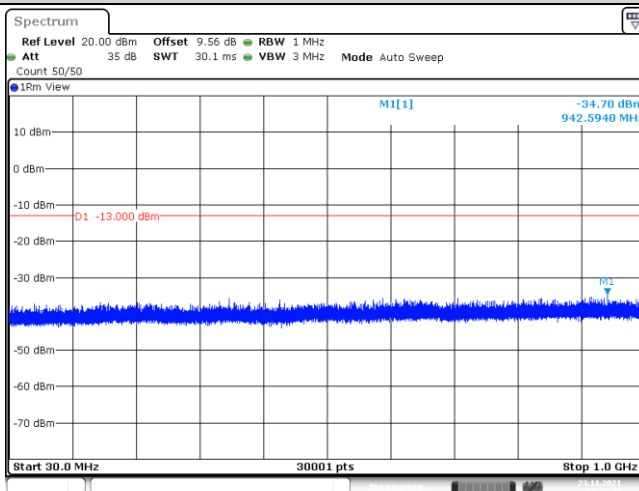
Date: 23.NOV.2021 12:34:12

Band25-1.4MHz-16QAM-26047-1-0-Low-12000-26500--49.52-PASS



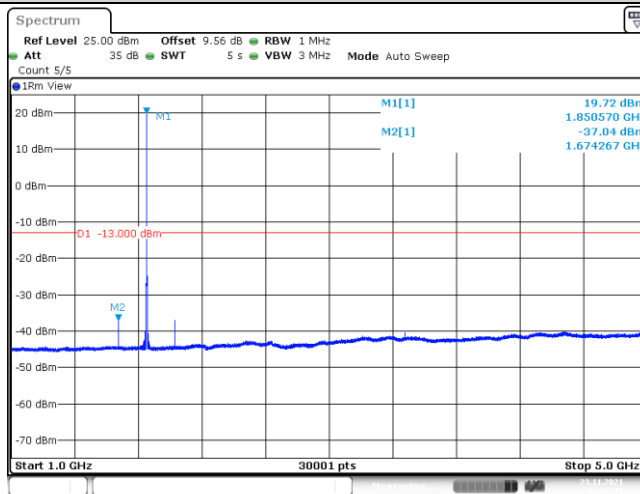
Date: 23.NOV.2021 12:34:46

Band25-1.4MHz-16QAM-26047-6-0-Low-30-1000--34.7-PASS



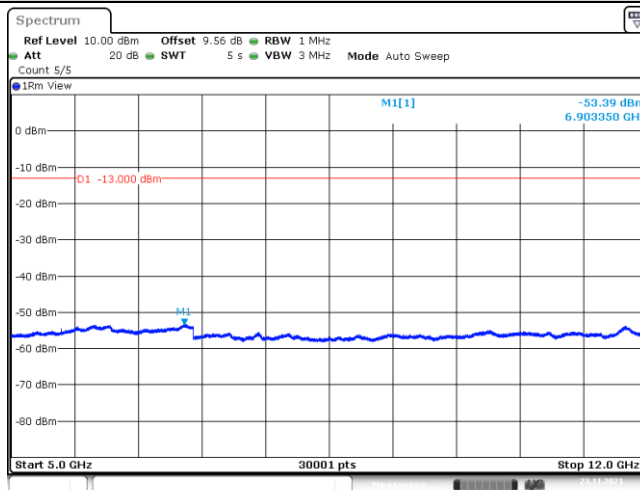
Date: 23.NOV.2021 12:36:48

Band25-1.4MHz-16QAM-26047-6-0-Low-1000-5000--37.04-PASS



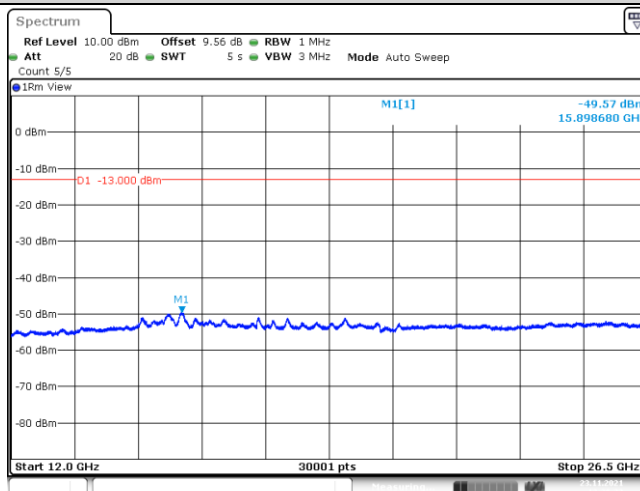
Date: 23.NOV.2021 12:37:23

Band25-1.4MHz-16QAM-26047-6-0-Low-5000-12000--53.39-PASS



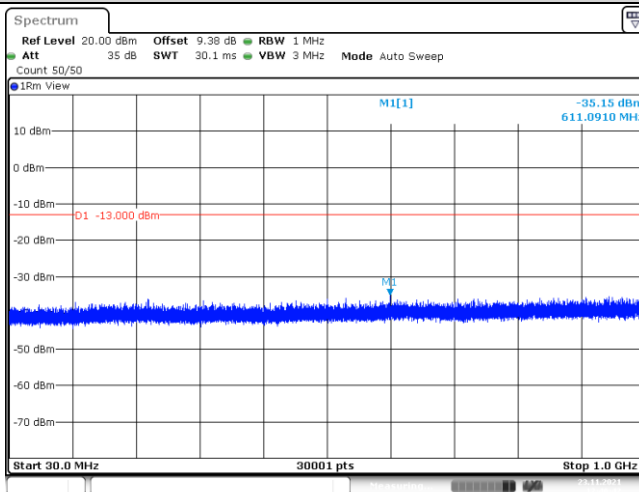
Date: 23.NOV.2021 12:37:58

Band25-1.4MHz-16QAM-26047-6-0-Low-12000-26500--49.57-PASS



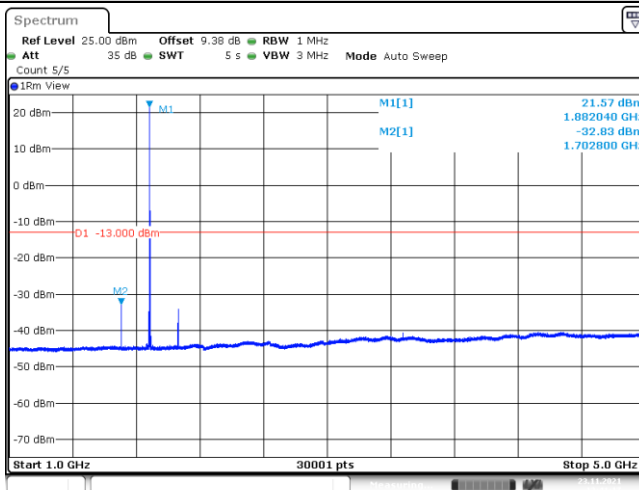
Date: 23.NOV.2021 12:38:33

Band25-1.4MHz-16QAM-26365-1-0-Low-30-1000--35.15-PASS



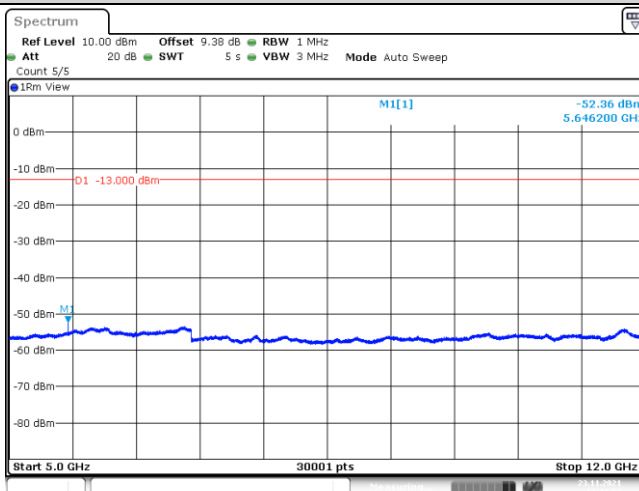
Date: 23.NOV.2021 12:40:42

Band25-1.4MHz-16QAM-26365-1-0-Low-1000-5000--32.83-PASS



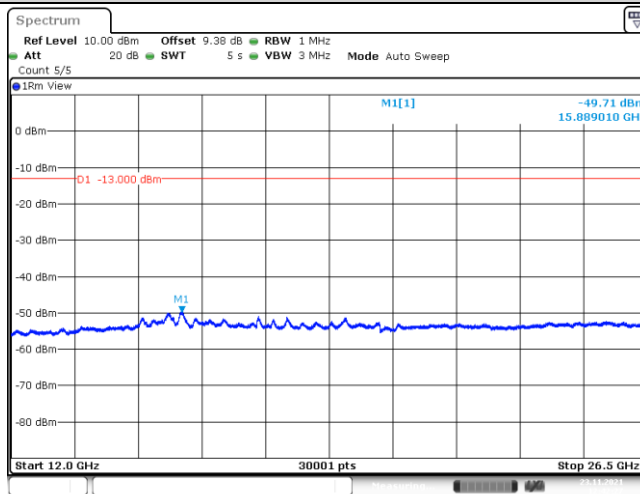
Date: 23.NOV.2021 12:41:18

Band25-1.4MHz-16QAM-26365-1-0-Low-5000-12000--52.36-PASS



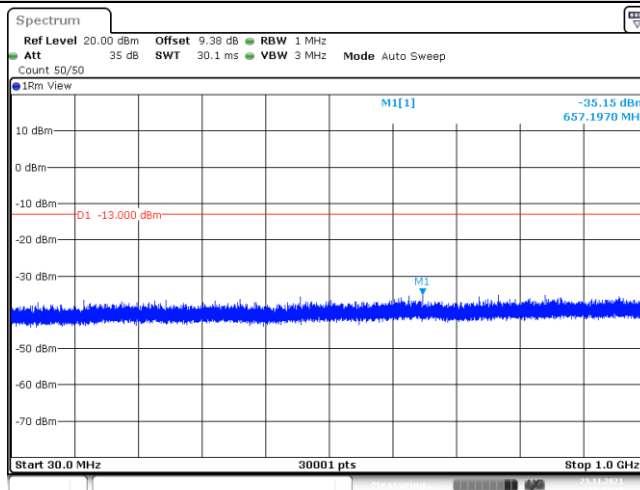
Date: 23.NOV.2021 12:41:52

Band25-1.4MHz-16QAM-26365-1-0-Low-12000-26500--49.71-PASS



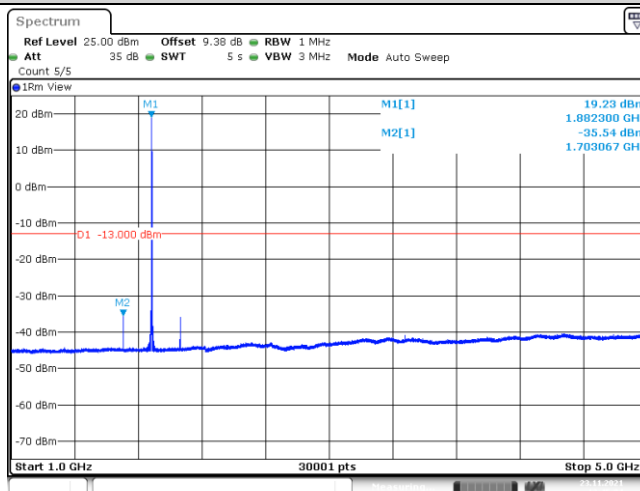
Date: 23.NOV.2021 12:42:27

Band25-1.4MHz-16QAM-26365-6-0-Low-30-1000--35.15-PASS



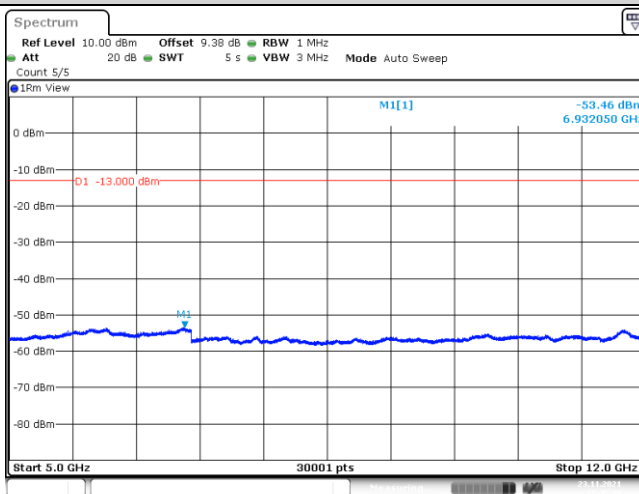
Date: 23.NOV.2021 12:44:28

Band25-1.4MHz-16QAM-26365-6-0-Low-1000-5000--35.54-PASS



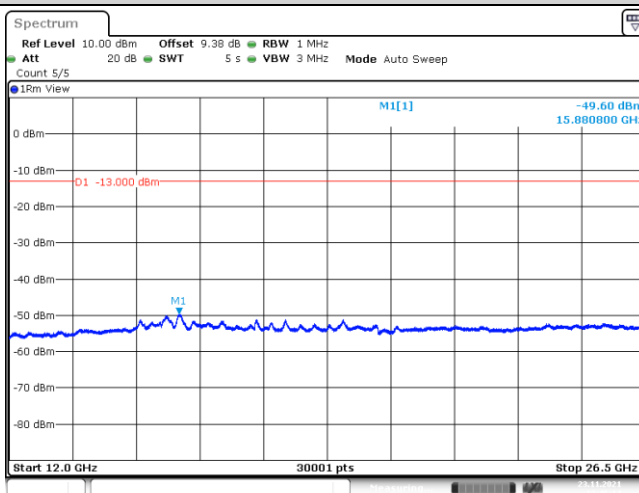
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Band25-1.4MHz-16QAM-26365-6-0-Low-5000-12000--53.46-PASS



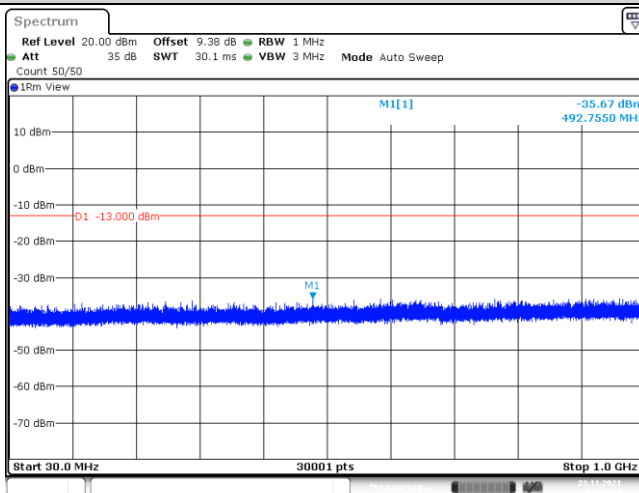
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Band25-1.4MHz-16QAM-26365-6-0-Low-12000-26500--49.6-PASS



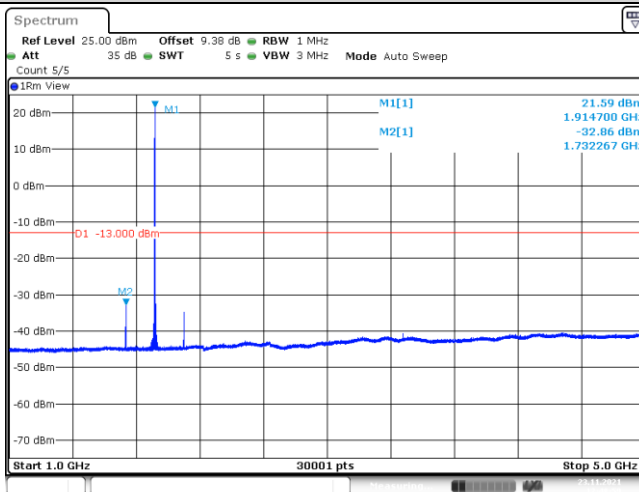
Date: 23.NOV.2021 12:46:14

Band25-1.4MHz-16QAM-26683-1-5-Low-30-1000--35.67-PASS



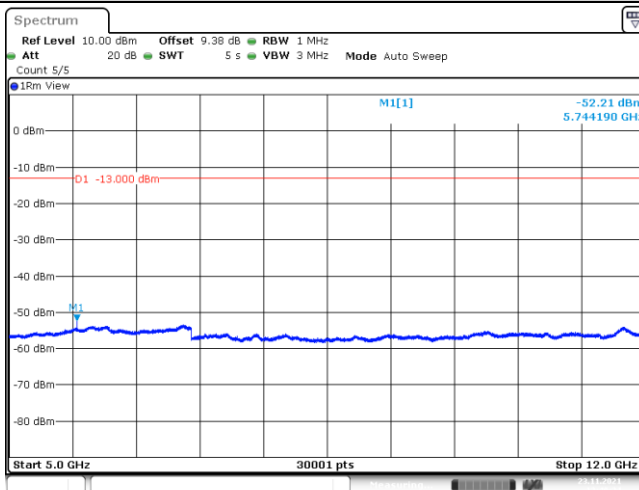
Date: 23.NOV.2021 12:48:23

Band25-1.4MHz-16QAM-26683-1-5-Low-1000-5000--32.86-PASS



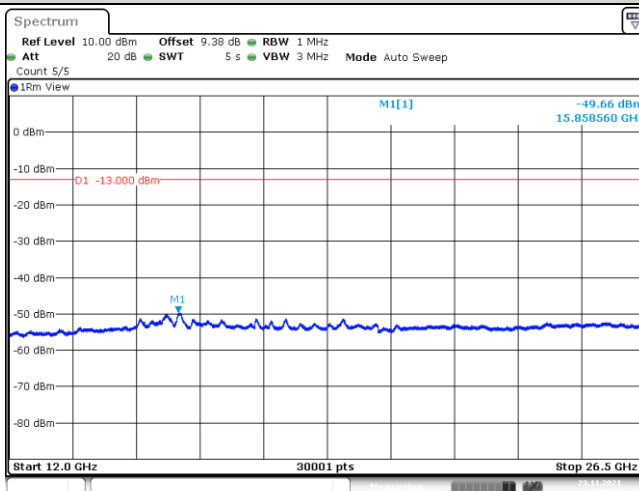
Date: 23.NOV.2021 12:48:59

Band25-1.4MHz-16QAM-26683-1-5-Low-5000-12000--52.21-PASS



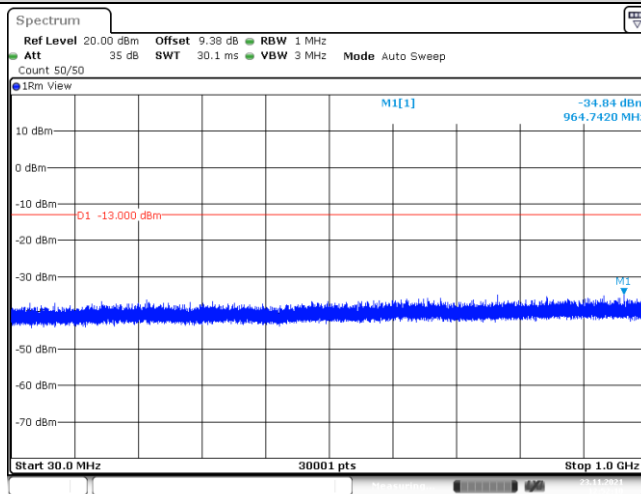
Date: 23.NOV.2021 12:49:34

Band25-1.4MHz-16QAM-26683-1-5-Low-12000-26500--49.66-PASS



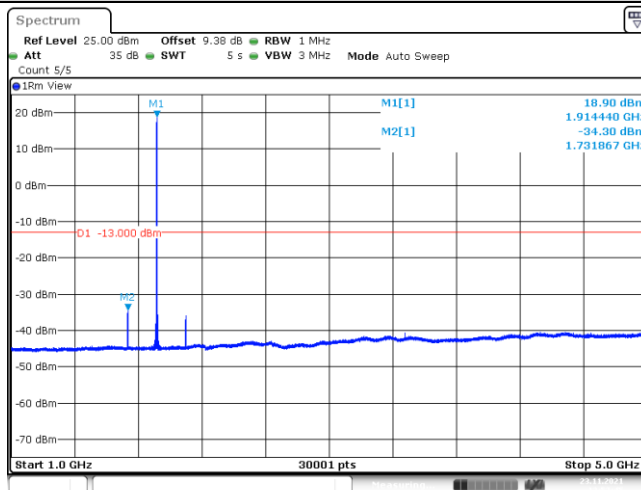
Date: 23.NOV.2021 12:50:09

Band25-1.4MHz-16QAM-26683-6-0-Low-30-1000--34.84-PASS



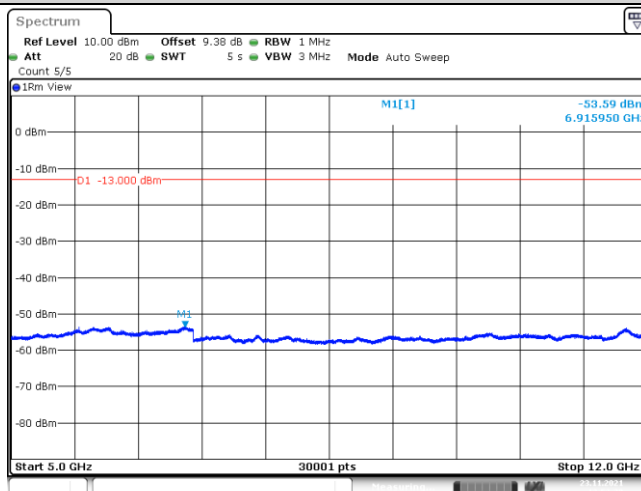
Date: 23.NOV.2021 12:52:10

Band25-1.4MHz-16QAM-26683-6-0-Low-1000-5000--34.3-PASS



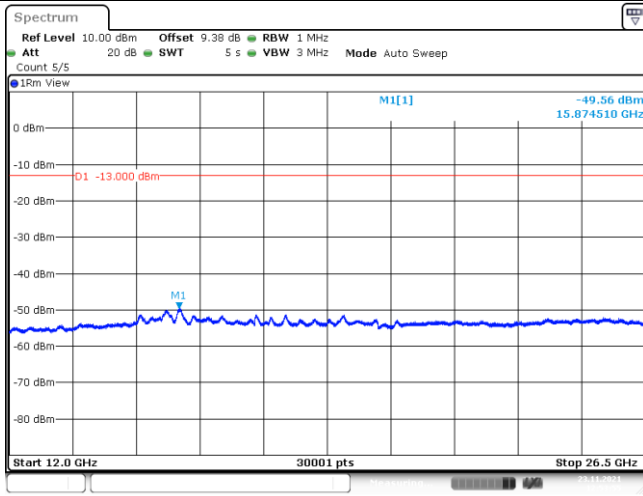
Date: 23.NOV.2021 12:52:46

Band25-1.4MHz-16QAM-26683-6-0-Low-5000-12000--53.59-PASS



Date: 23.NOV.2021 12:53:20

Band25-1.4MHz-16QAM-26683-6-0-Low-12000-26500--49.56-PASS



Date: 23.NOV.2021 12:53:55

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	-27.19	-0.014444	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	LV	NT	-28.22	-0.014991	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	NT	-30.68	-0.016297	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	HV	NT	-30.37	-0.016133	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	LV	NT	-32.62	-0.017328	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	NT	-31.70	-0.016839	±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	-28.21	-0.01499	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-30	-28.37	-0.01507	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-20	-29.17	-0.01550	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-10	-27.74	-0.01474	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	0	-28.47	-0.01512	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	10	-25.61	-0.01360	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	20	-29.93	-0.01590	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	30	-27.24	-0.01447	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	40	-28.00	-0.01487	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	50	-27.95	-0.01485	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	60	-29.93	-0.01590	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	70	-29.30	-0.01556	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	-40	-28.25	-0.01501	±2.5	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	NV	80	-29.55	-0.01570	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	85	-28.08	-0.01492	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-30	-28.75	-0.01527	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-20	-26.11	-0.01387	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-10	-34.72	-0.01844	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	0	-25.73	-0.01367	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	10	-28.77	-0.01528	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	20	-28.87	-0.01534	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	30	-30.41	-0.01615	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	40	-29.94	-0.01590	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	50	-27.19	-0.01444	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	60	-30.26	-0.01607	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	70	-28.81	-0.01530	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	80	-27.82	-0.01478	±2.5	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	NV	-40	-29.03	-0.01542	±2.5	PASS