

Appendix C: Test Results of Band 5 for eMTC operation

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	24.10	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	21.90	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	24.41	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	22.24	PASS
Band5	1.4MHz	20643	QPSK	1	5	Low	24.25	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	22.49	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	22.97	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	21.90	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	23.13	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	22.24	PASS
Band5	1.4MHz	20643	16QAM	1	5	Low	23.12	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	22.48	PASS
Band5	3MHz	20415	QPSK	1	0	Low	24.14	PASS
Band5	3MHz	20415	QPSK	6	0	Low	21.94	PASS
Band5	3MHz	20525	QPSK	1	0	Low	24.39	PASS
Band5	3MHz	20525	QPSK	6	0	Low	22.23	PASS
Band5	3MHz	20635	QPSK	1	5	High	24.24	PASS
Band5	3MHz	20635	QPSK	6	0	High	22.50	PASS
Band5	3MHz	20415	16QAM	1	0	Low	22.87	PASS
Band5	3MHz	20415	16QAM	6	0	Low	21.94	PASS
Band5	3MHz	20525	16QAM	1	0	Low	23.11	PASS
Band5	3MHz	20525	16QAM	6	0	Low	22.22	PASS
Band5	3MHz	20635	16QAM	1	5	High	23.13	PASS
Band5	3MHz	20635	16QAM	6	0	High	22.50	PASS
Band5	5MHz	20425	QPSK	1	0	Low	23.95	PASS
Band5	5MHz	20425	QPSK	6	0	Low	22.84	PASS
Band5	5MHz	20525	QPSK	1	0	Low	24.14	PASS
Band5	5MHz	20525	QPSK	6	0	Low	23.15	PASS
Band5	5MHz	20625	QPSK	1	5	High	24.13	PASS
Band5	5MHz	20625	QPSK	3	3	High	23.13	PASS
Band5	5MHz	20425	16QAM	1	0	Low	24.10	PASS
Band5	5MHz	20425	16QAM	6	0	Low	22.85	PASS
Band5	5MHz	20525	16QAM	1	0	Low	24.35	PASS
Band5	5MHz	20525	16QAM	6	0	Low	23.15	PASS
Band5	5MHz	20625	16QAM	1	5	High	24.09	PASS
Band5	5MHz	20625	16QAM	3	3	High	23.32	PASS
Band5	10MHz	20450	QPSK	1	0	Low	23.97	PASS
Band5	10MHz	20450	QPSK	5	0	Low	22.88	PASS
Band5	10MHz	20525	QPSK	1	0	Low	24.20	PASS
Band5	10MHz	20525	QPSK	5	0	Low	23.11	PASS

Band5	10MHz	20600	QPSK	1	5	High	24.14	PASS
Band5	10MHz	20600	QPSK	5	1	High	23.24	PASS
Band5	10MHz	20450	16QAM	1	0	Low	24.09	PASS
Band5	10MHz	20450	16QAM	5	0	Low	22.87	PASS
Band5	10MHz	20525	16QAM	1	0	Low	24.28	PASS
Band5	10MHz	20525	16QAM	5	0	Low	23.10	PASS
Band5	10MHz	20600	16QAM	1	5	High	24.08	PASS
Band5	10MHz	20600	16QAM	5	1	High	23.35	PASS

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

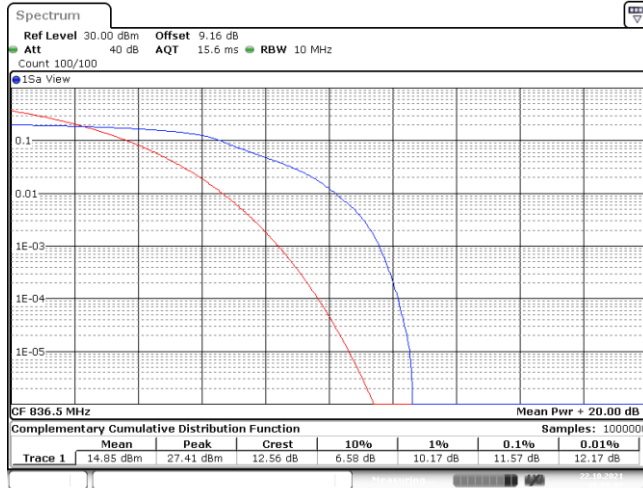
APPENDIX C.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band5	1.4MHz	20525	QPSK	6	0	Low	11.57	<=13	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	11.91	<=13	PASS
Band5	3MHz	20525	QPSK	6	0	Low	12.17	<=13	PASS
Band5	3MHz	20525	16QAM	6	0	Low	9.36	<=13	PASS
Band5	5MHz	20525	QPSK	6	0	Low	12.06	<=13	PASS
Band5	5MHz	20525	16QAM	6	0	Low	9.57	<=13	PASS
Band5	10MHz	20525	QPSK	6	0	Low	12.09	<=13	PASS
Band5	10MHz	20525	16QAM	6	0	Low	9.28	<=13	PASS

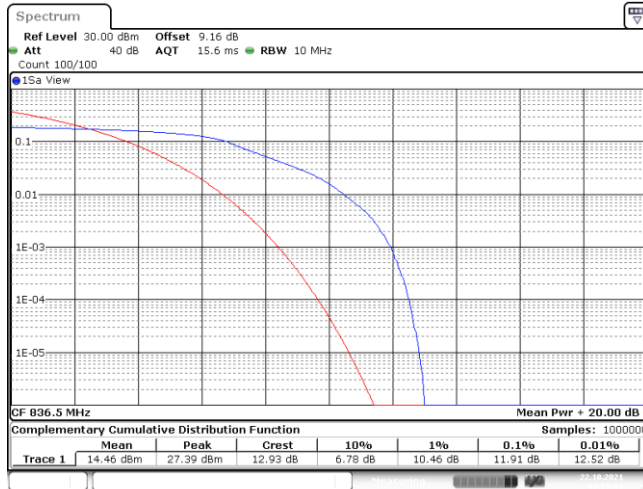
Test Graphs

Band5-1.4MHz-QPSK-20525-6-0-Low-11.57-<=13-PASS



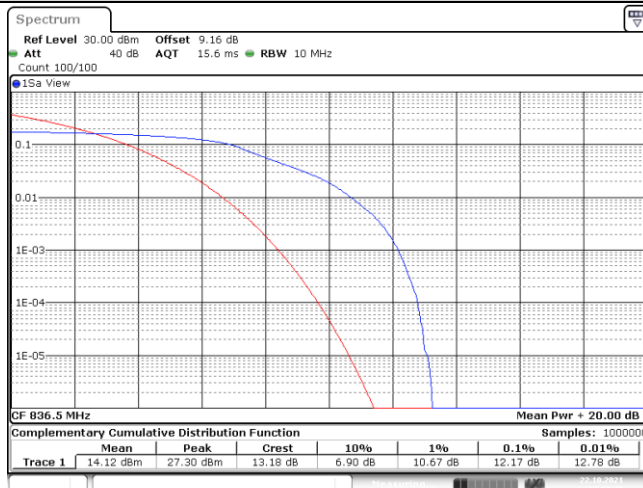
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Band5-1.4MHz-16QAM-20525-6-0-Low-11.91-<=13-PASS



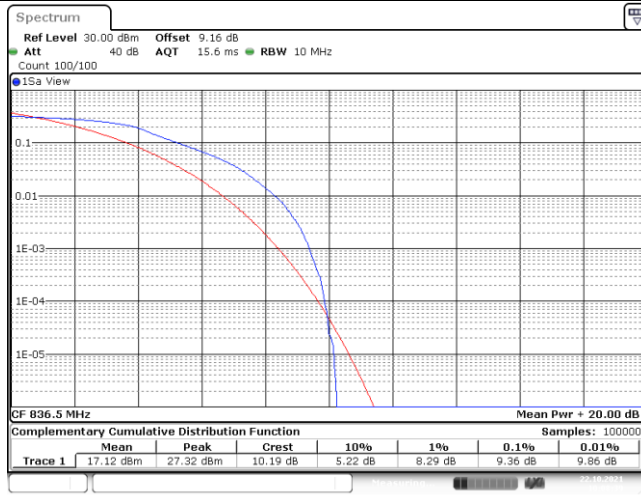
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Band5-3MHz-QPSK-20525-6-0-Low-12.17-<=13-PASS



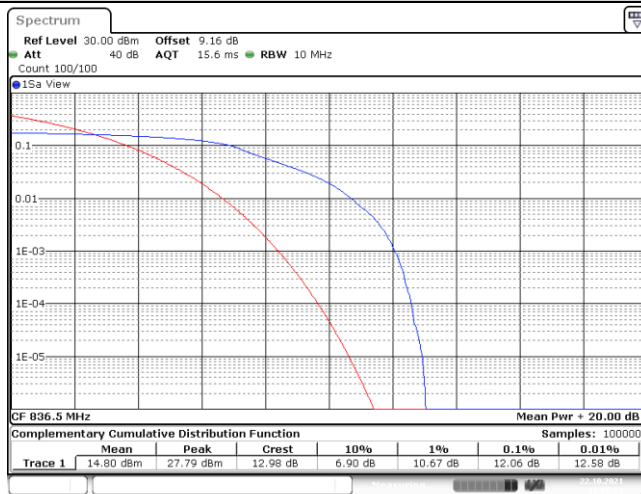
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Band5-3MHz-16QAM-20525-6-0-Low-9.36-<=13-PASS



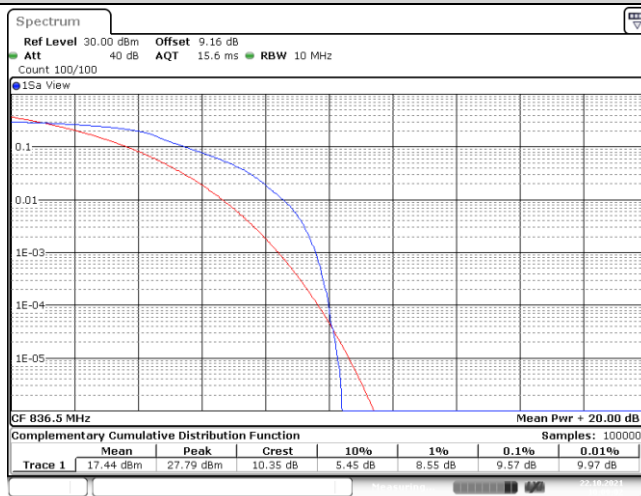
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Band5-5MHz-QPSK-20525-6-0-Low-12.06-<=13-PASS



Date: 22.OCT.2021 10:08:53

Band5-5MHz-16QAM-20525-6-0-Low-9.57-<=13-PASS

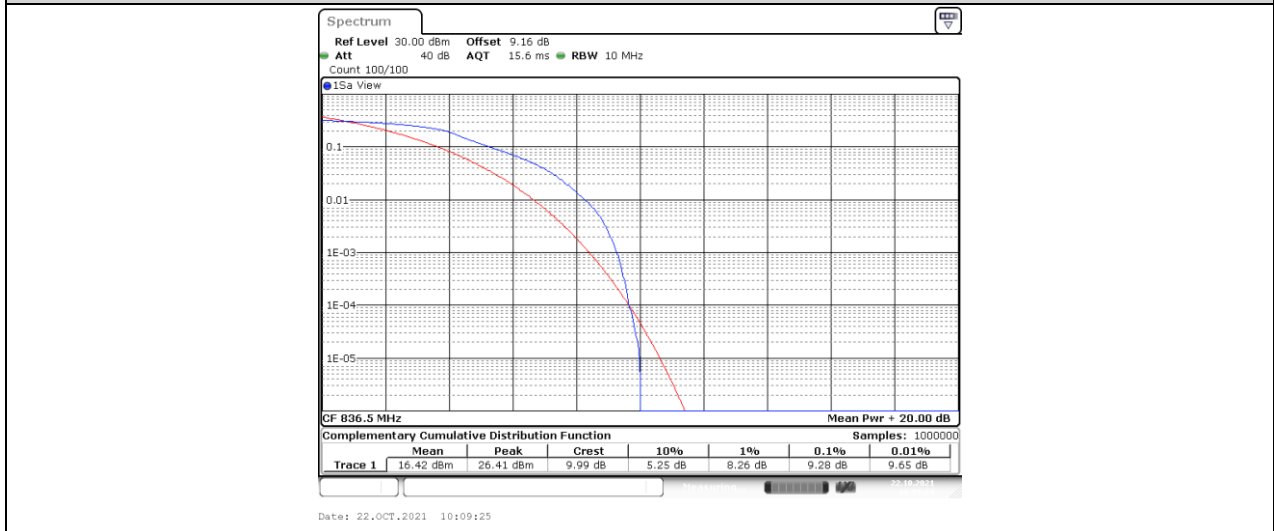


Date: 22.OCT.2021 10:09:02

Band5-10MHz-QPSK-20525-6-0-Low-12.09-<=13-PASS



Band5-10MHz-16QAM-20525-6-0-Low-9.28-<=13-PASS



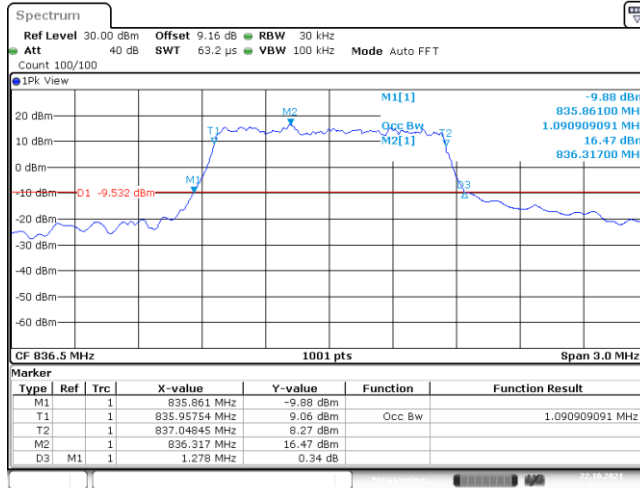
APPENDIX C.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	20525	QPSK	6	0	Low	1.091	1.278	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	1.094	1.287	PASS
Band5	3MHz	20525	QPSK	6	0	Low	1.097	1.302	PASS
Band5	3MHz	20525	16QAM	6	0	Low	1.097	1.290	PASS
Band5	5MHz	20525	QPSK	6	0	Low	1.109	1.310	PASS
Band5	5MHz	20525	16QAM	6	0	Low	1.109	1.320	PASS
Band5	10MHz	20525	QPSK	6	0	Low	1.099	1.320	PASS
Band5	10MHz	20525	16QAM	6	0	Low	1.099	1.320	PASS

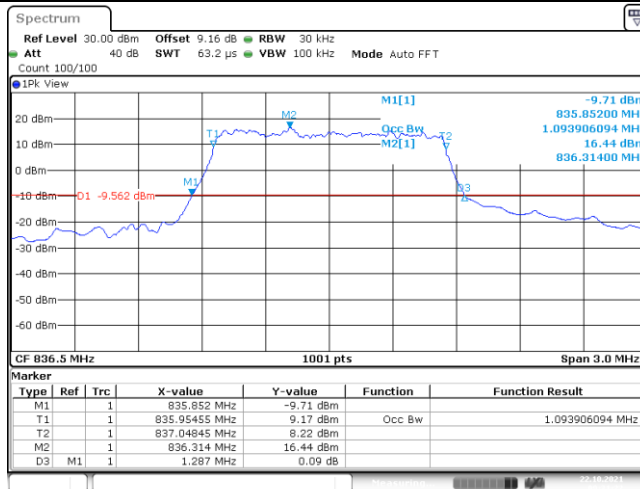
Test Graphs

Band5-1.4MHz-QPSK-20525-6-0-Low-1.091-1.278-PASS



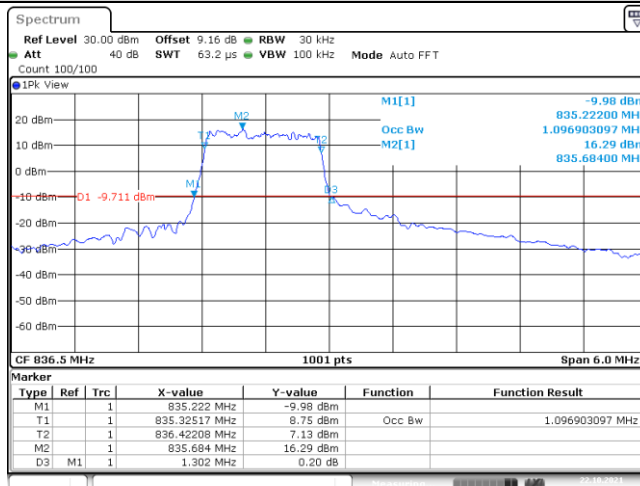
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Band5-1.4MHz-16QAM-20525-6-0-Low-1.094-1.287-PASS



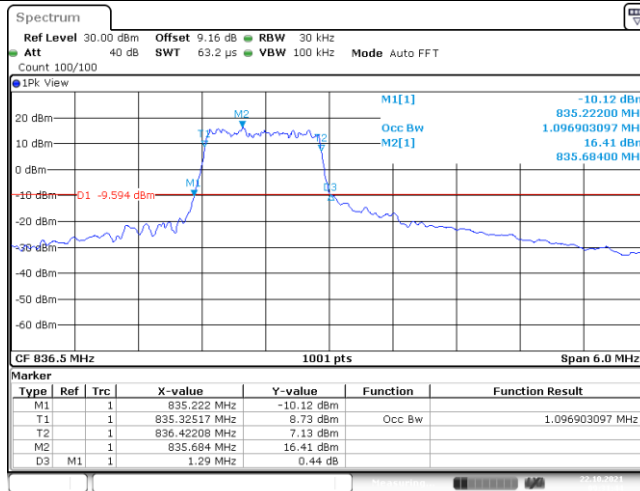
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Band5-3MHz-QPSK-20525-6-0-Low-1.097-1.302-PASS



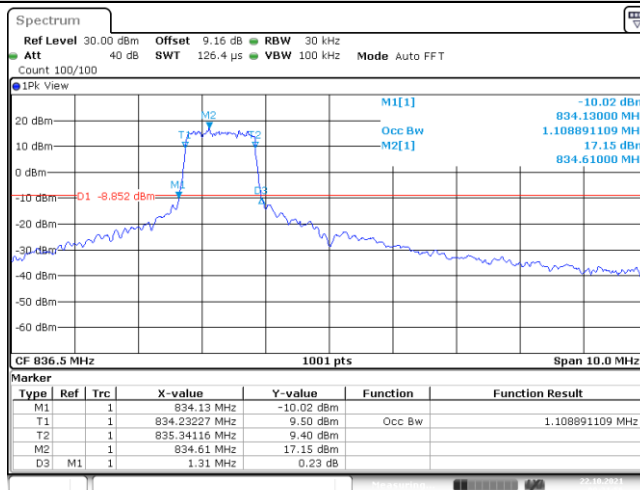
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Band5-3MHz-16QAM-20525-6-0-Low-1.097-1.290-PASS



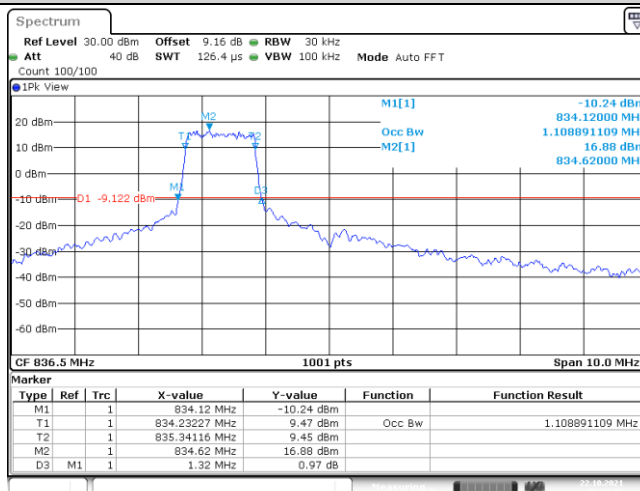
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Band5-5MHz-QPSK-20525-6-0-Low-1.109-1.310-PASS



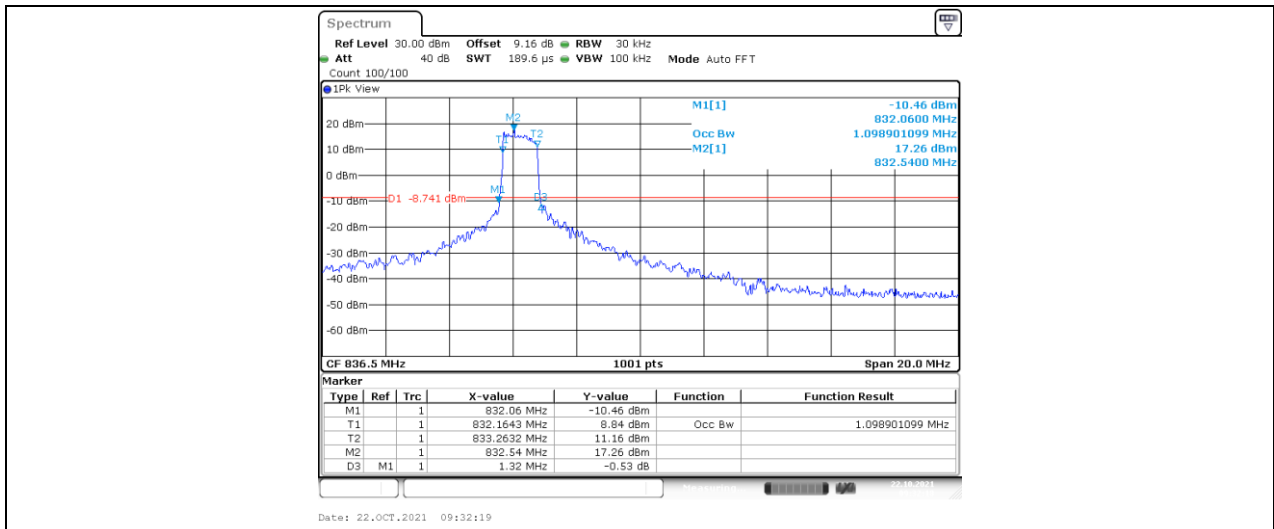
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Band5-5MHz-16QAM-20525-6-0-Low-1.109-1.320-PASS

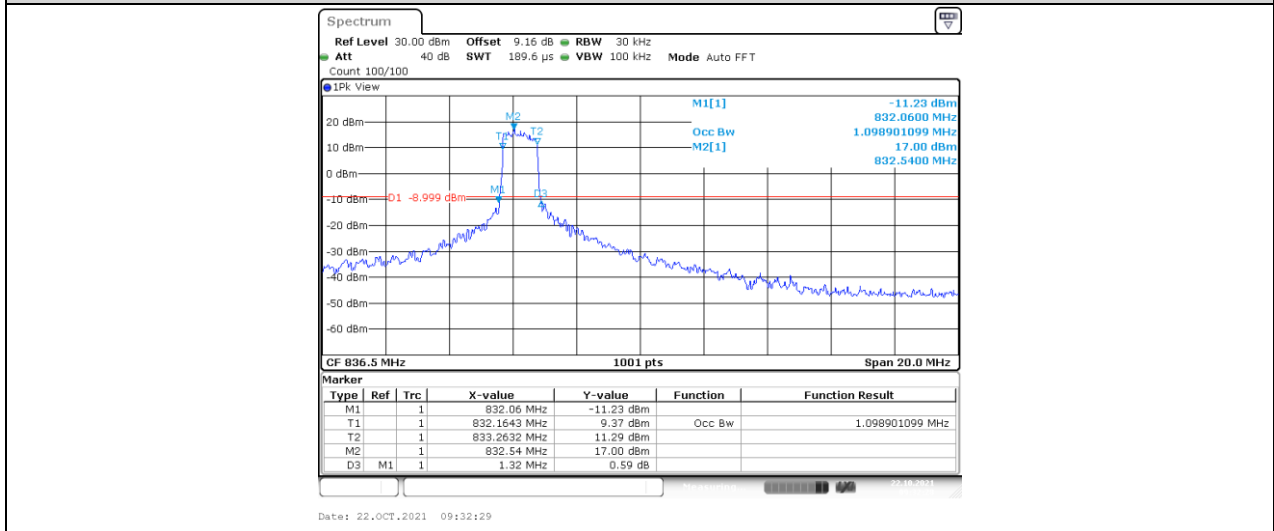


Date: 22.OCT.2021 09:32:07

Band5-10MHz-QPSK-20525-6-0-Low-1.099-1.320-PASS



Band5-10MHz-16QAM-20525-6-0-Low-1.099-1.320-PASS

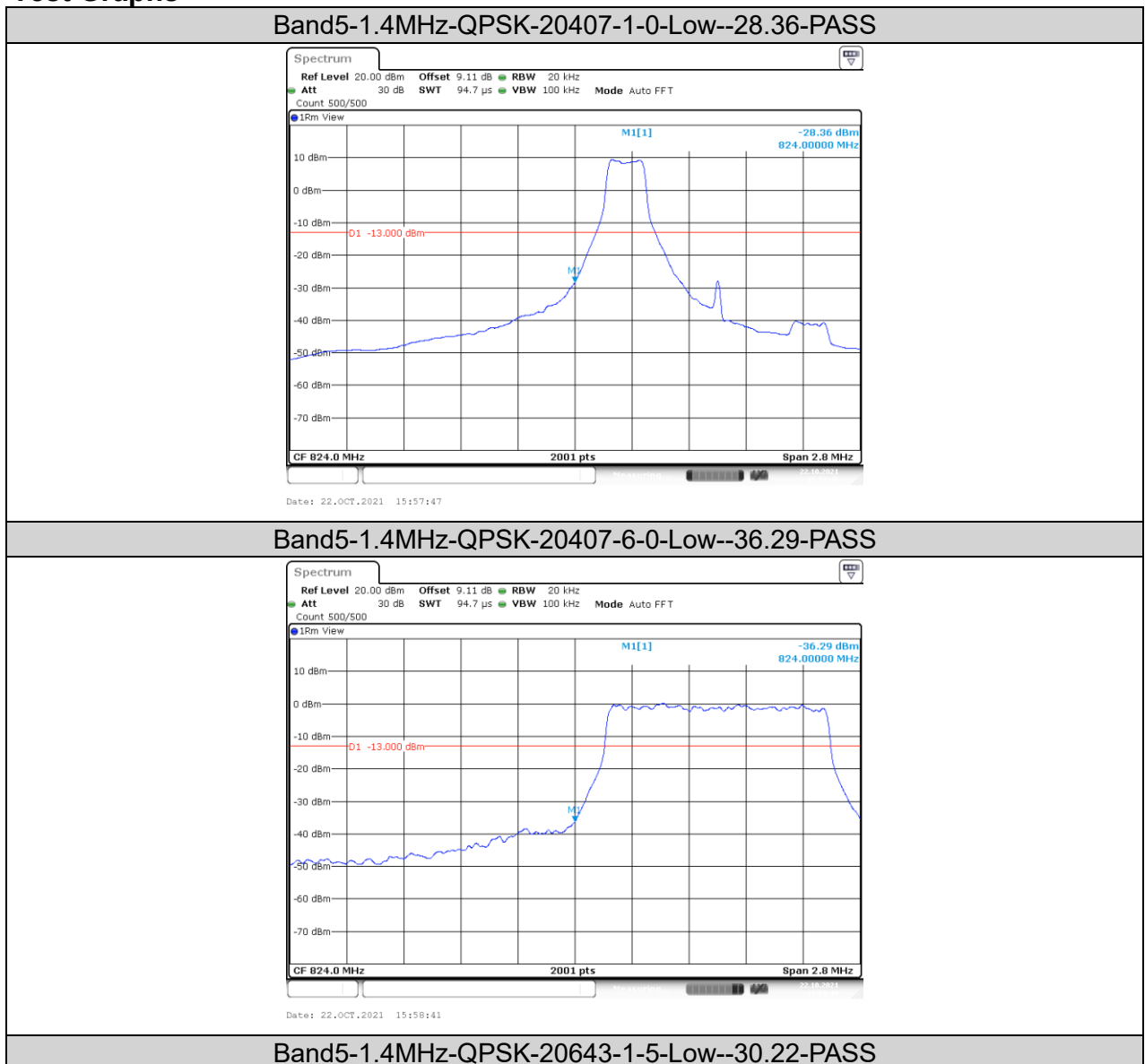


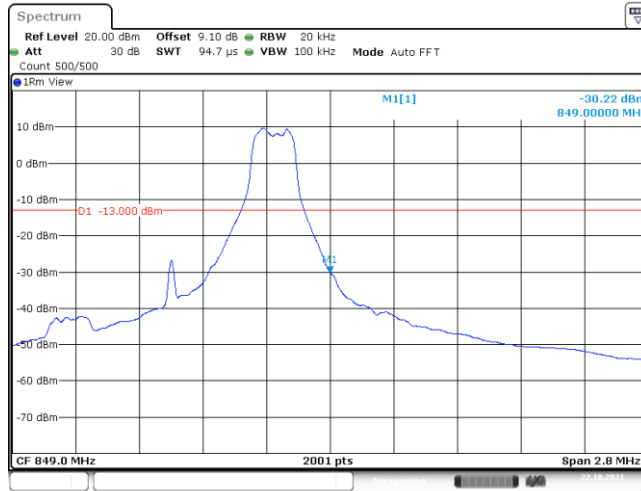
APPENDIX C.4: BAND EDGE FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	-28.36	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	-36.29	PASS
Band5	1.4MHz	20643	QPSK	1	5	Low	-30.22	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	-37.47	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	-29.82	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	-35.53	PASS
Band5	1.4MHz	20643	16QAM	1	5	Low	-31.84	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	-36.47	PASS

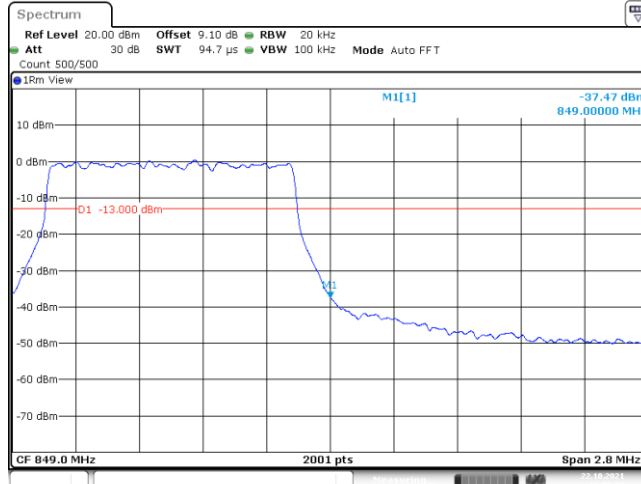
Test Graphs





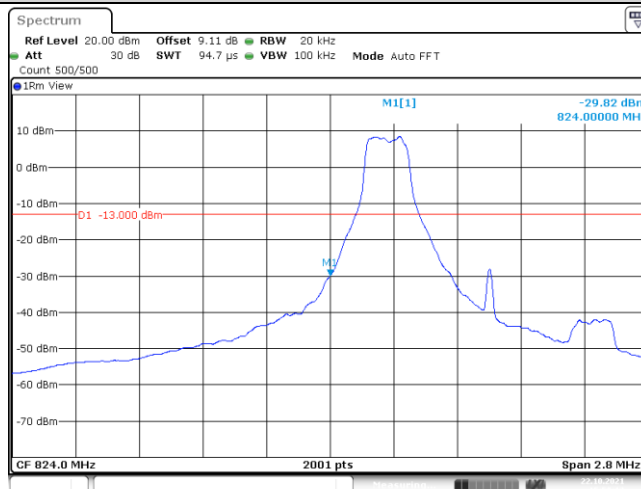
Date: 22.OCT.2021 15:59:40

Band5-1.4MHz-QPSK-20643-6-0-Low--37.47-PASS



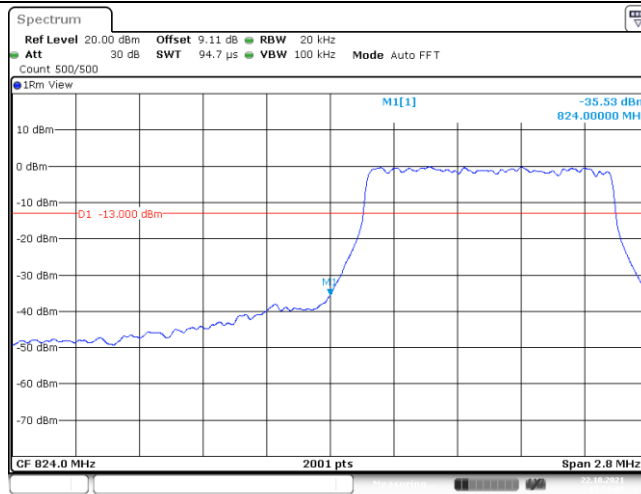
Date: 22.OCT.2021 16:00:34

Band5-1.4MHz-16QAM-20407-1-0-Low--29.82-PASS



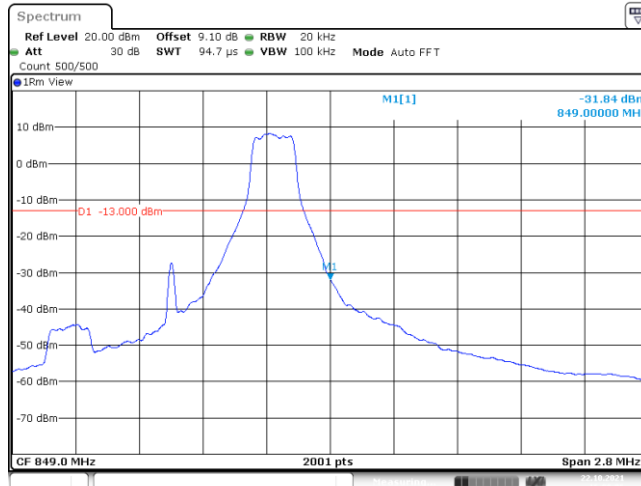
Date: 22.OCT.2021 15:58:14

Band5-1.4MHz-16QAM-20407-6-0-Low--35.53-PASS



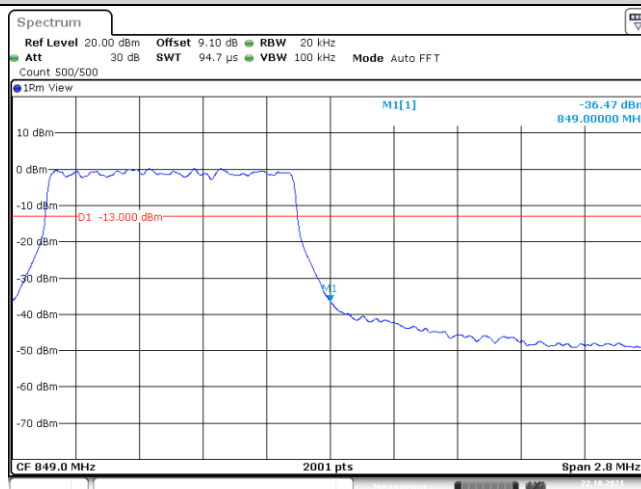
Date: 22.OCT.2021 15:59:07

Band5-1.4MHz-16QAM-20643-1-5-Low--31.84-PASS



Date: 22.OCT.2021 16:00:07

Band5-1.4MHz-16QAM-20643-6-0-Low--36.47-PASS



Date: 22.OCT.2021 16:01:01

APPENDIX C.5: CONDUCTED SPURIOUS EMISSION FOR M1

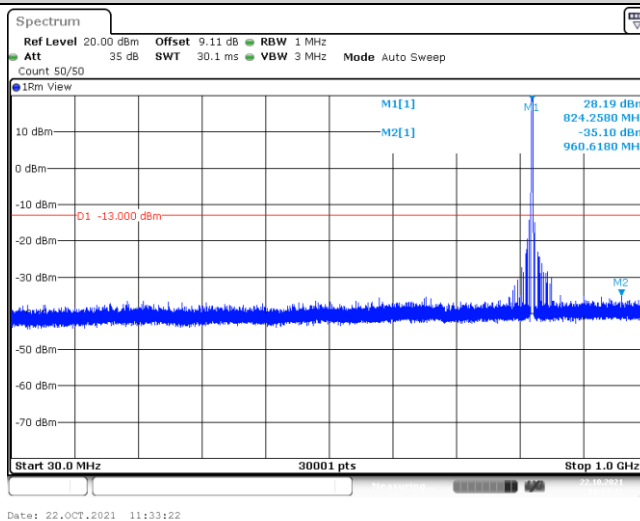
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	30	1000	-35.1	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	1000	5000	-40.33	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	5000	12000	-53.85	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	12000	26500	-50.08	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	30	1000	-35.88	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	1000	5000	-40.71	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	5000	12000	-53.88	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	12000	26500	-49.88	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	30	1000	-35.71	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	1000	5000	-40.36	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	5000	12000	-53.78	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	12000	26500	-49.83	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	30	1000	-34.87	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	1000	5000	-40.58	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	5000	12000	-53.73	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	12000	26500	-49.96	PASS
Band5	1.4MHz	20643	QPSK	1	5	Low	30	1000	-35.63	PASS
Band5	1.4MHz	20643	QPSK	1	5	Low	1000	5000	-40.67	PASS
Band5	1.4MHz	20643	QPSK	1	5	Low	5000	12000	-52.99	PASS
Band5	1.4MHz	20643	QPSK	1	5	Low	12000	26500	-49.95	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	30	1000	-35.86	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	1000	5000	-40.74	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	5000	12000	-53.78	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	12000	26500	-50	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	30	1000	-35.95	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	1000	5000	-40.73	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	5000	12000	-53.8	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	12000	26500	-49.97	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	30	1000	-35.98	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	1000	5000	-40.75	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	5000	12000	-53.56	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	12000	26500	-50	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	30	1000	-35.3	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	1000	5000	-40.67	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	5000	12000	-53.76	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	12000	26500	-49.82	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	30	1000	-35.66	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	1000	5000	-40.61	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	5000	12000	-53.81	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	12000	26500	-49.7	PASS
Band5	1.4MHz	20643	16QAM	1	5	Low	30	1000	-35.92	PASS

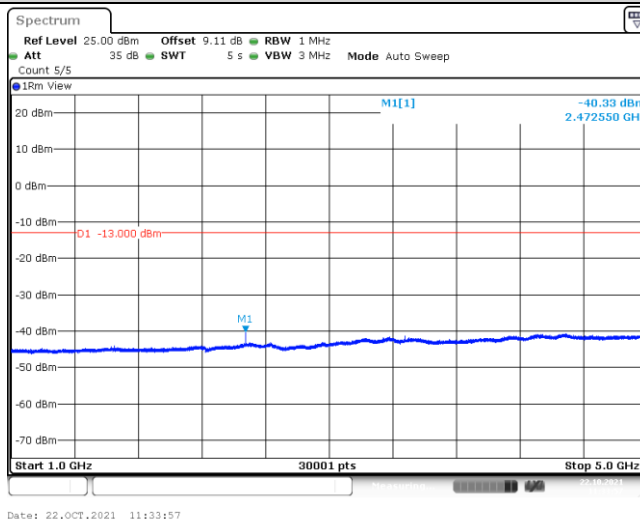
Band5	1.4MHz	20643	16QAM	1	5	Low	1000	5000	-40.7	PASS
Band5	1.4MHz	20643	16QAM	1	5	Low	5000	12000	-53.58	PASS
Band5	1.4MHz	20643	16QAM	1	5	Low	12000	26500	-50.03	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	30	1000	-35.59	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	1000	5000	-40.77	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	5000	12000	-53.91	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	12000	26500	-50.13	PASS

Test Graphs

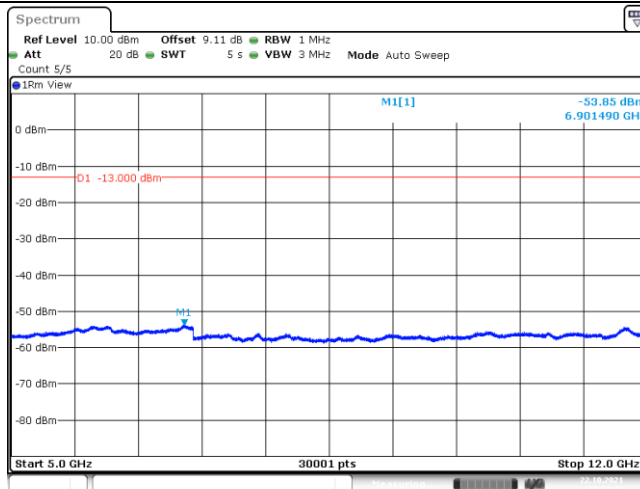
Band5-1.4MHz-QPSK-20407-1-0-Low-30-1000--35.1-PASS



Band5-1.4MHz-QPSK-20407-1-0-Low-1000-5000--40.33-PASS

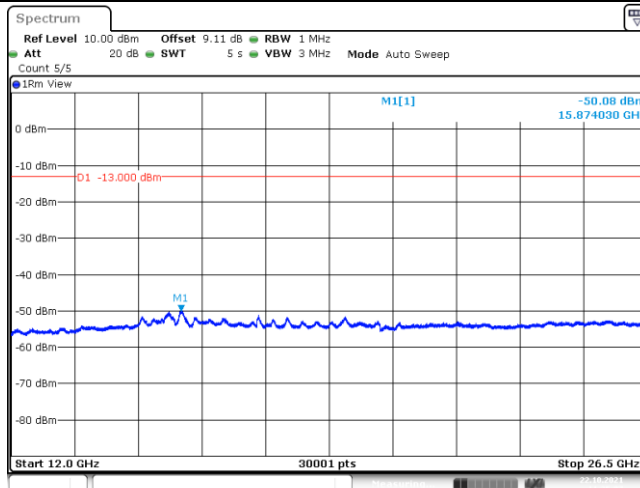


Band5-1.4MHz-QPSK-20407-1-0-Low-5000-12000--53.85-PASS



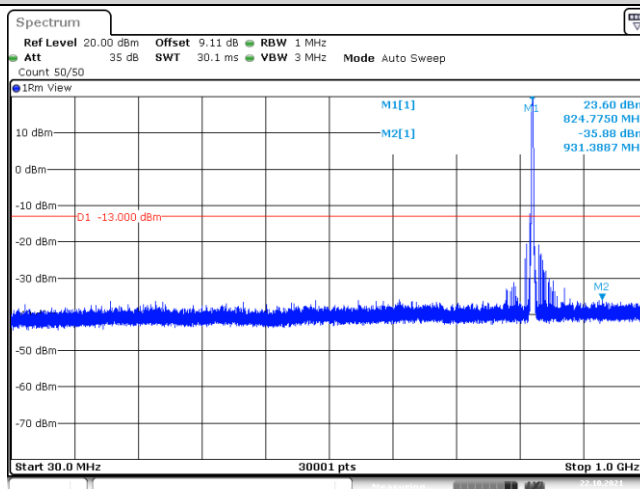
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Band5-1.4MHz-QPSK-20407-1-0-Low-12000-26500--50.08-PASS



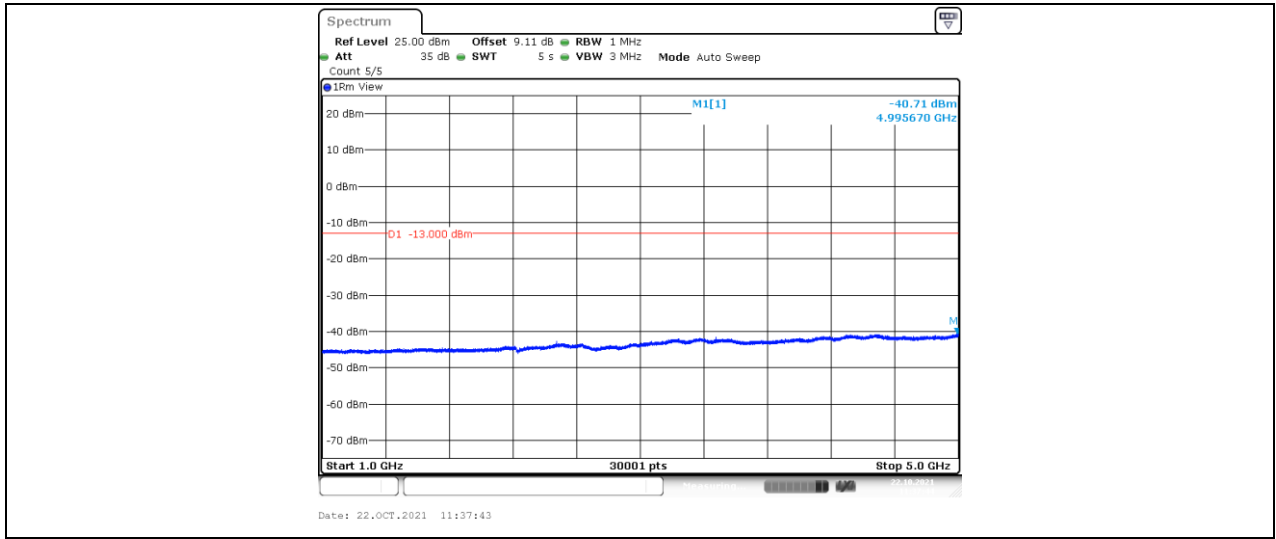
Date: 22.OCT.2021 11:35:07

Band5-1.4MHz-QPSK-20407-6-0-Low-30-1000--35.88-PASS

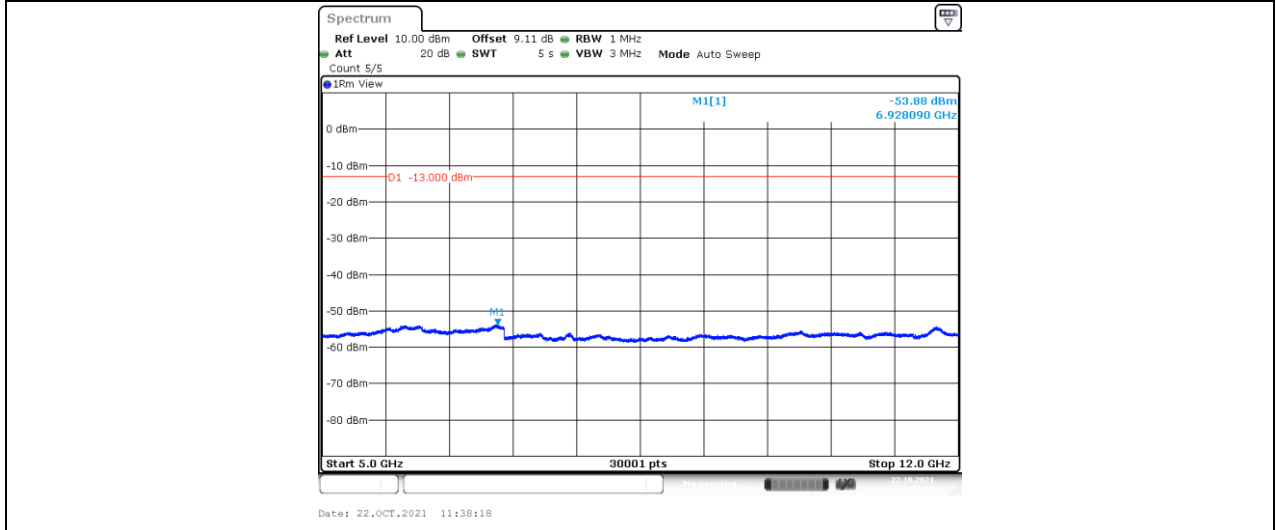


Date: 22.OCT.2021 11:37:09

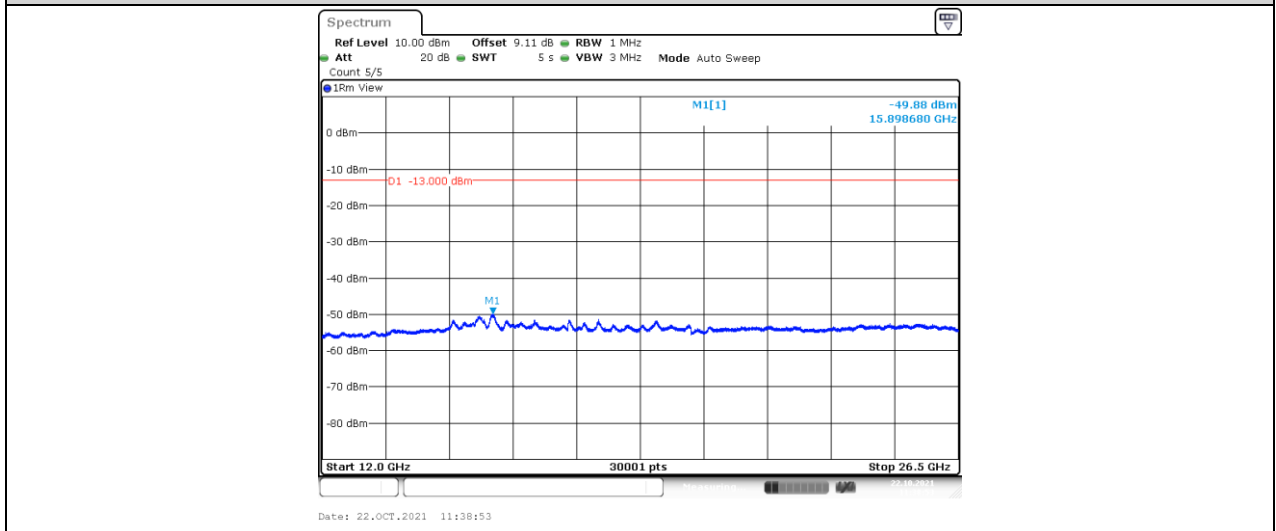
Band5-1.4MHz-QPSK-20407-6-0-Low-1000-5000--40.71-PASS



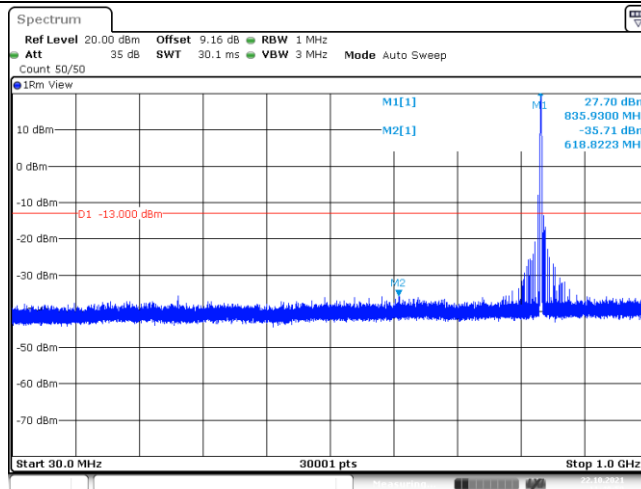
Band5-1.4MHz-QPSK-20407-6-0-Low-5000-12000--53.88-PASS



Band5-1.4MHz-QPSK-20407-6-0-Low-12000-26500--49.88-PASS

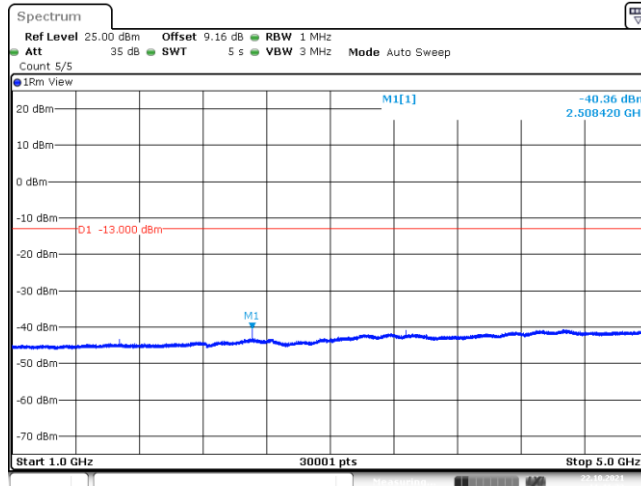


Band5-1.4MHz-QPSK-20525-1-0-Low-30-1000--35.71-PASS



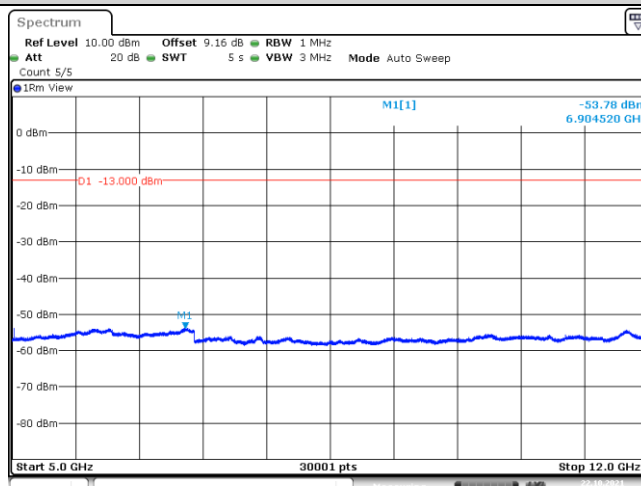
Date: 22.OCT.2021 11:40:58

Band5-1.4MHz-QPSK-20525-1-0-Low-1000-5000--40.36-PASS



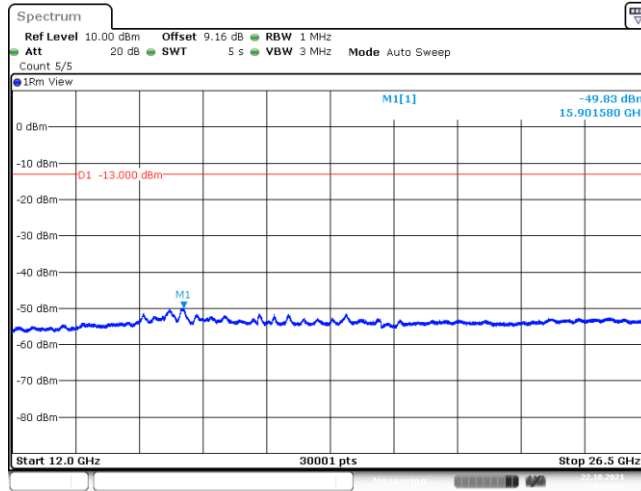
Date: 22.OCT.2021 11:41:33

Band5-1.4MHz-QPSK-20525-1-0-Low-5000-12000--53.78-PASS



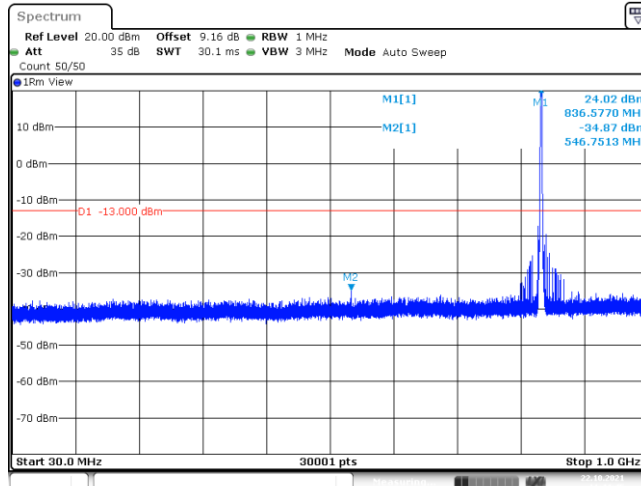
Date: 22.OCT.2021 11:42:07

Band5-1.4MHz-QPSK-20525-1-0-Low-12000-26500--49.83-PASS



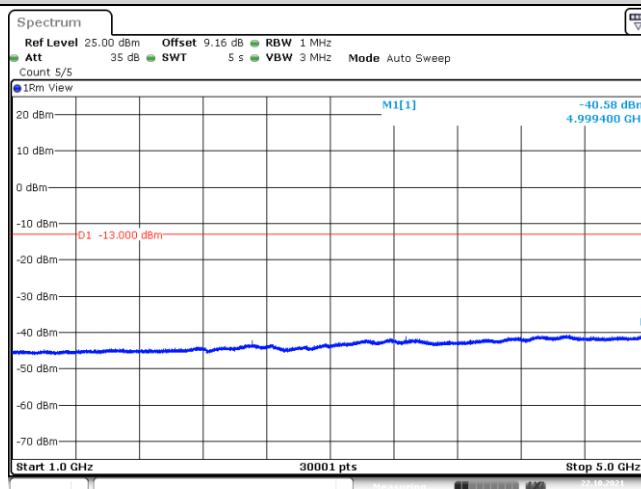
Date: 22.OCT.2021 11:42:42

Band5-1.4MHz-QPSK-20525-6-0-Low-30-1000--34.87-PASS



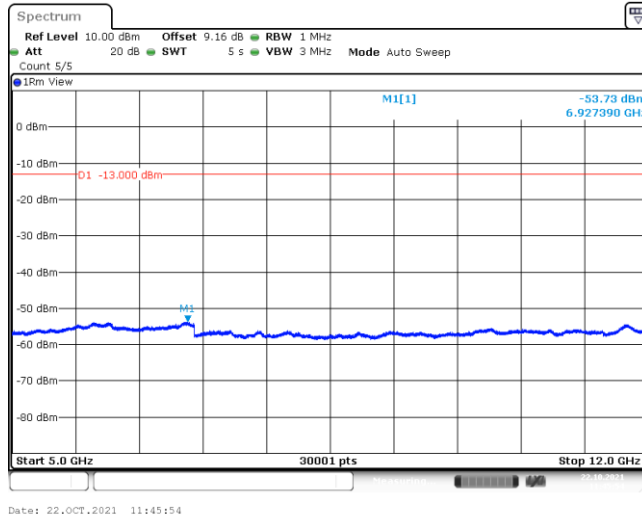
Date: 22.OCT.2021 11:44:44

Band5-1.4MHz-QPSK-20525-6-0-Low-1000-5000--40.58-PASS

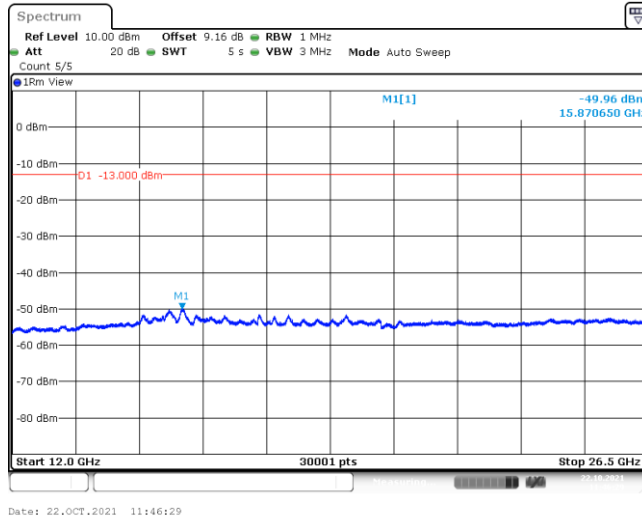


Date: 22.OCT.2021 11:45:19

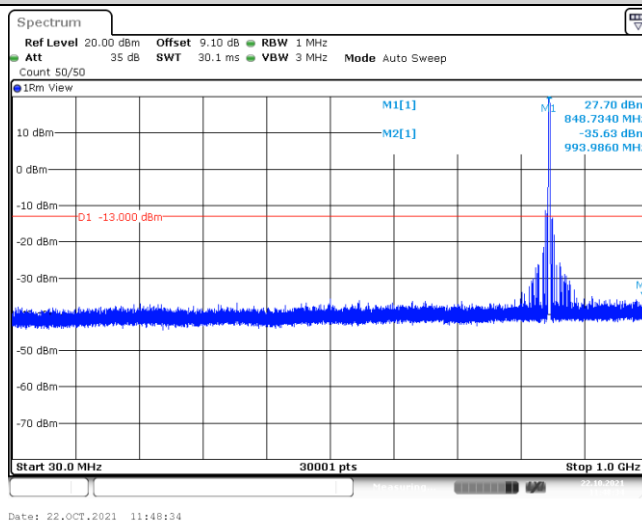
Band5-1.4MHz-QPSK-20525-6-0-Low-5000-12000--53.73-PASS



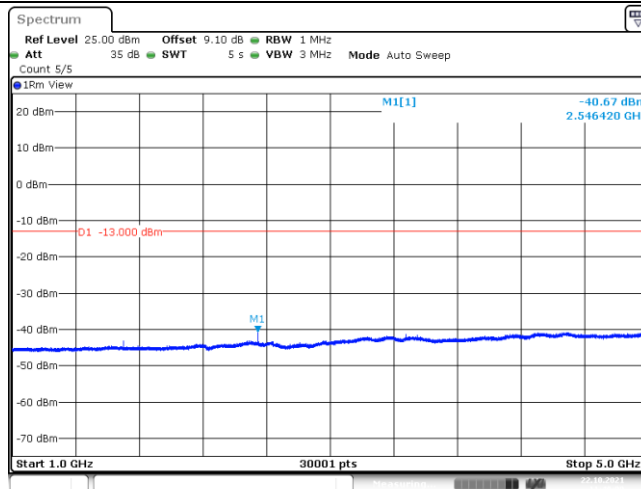
Band5-1.4MHz-QPSK-20525-6-0-Low-12000-26500--49.96-PASS



Band5-1.4MHz-QPSK-20643-1-5-Low-30-1000--35.63-PASS

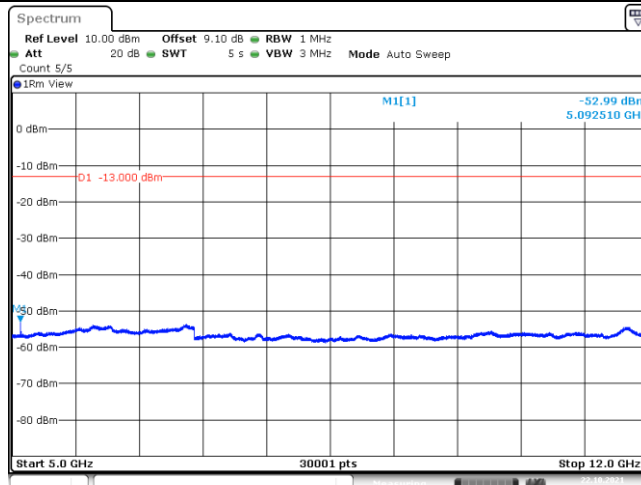


Band5-1.4MHz-QPSK-20643-1-5-Low-1000-5000--40.67-PASS



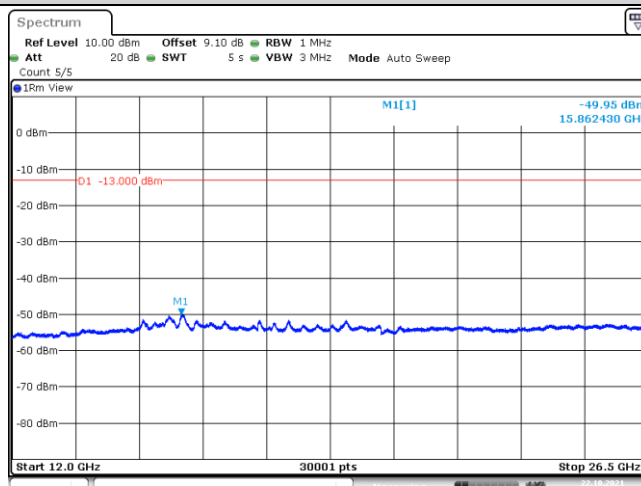
Date: 22.OCT.2021 11:49:09

Band5-1.4MHz-QPSK-20643-1-5-Low-5000-12000--52.99-PASS



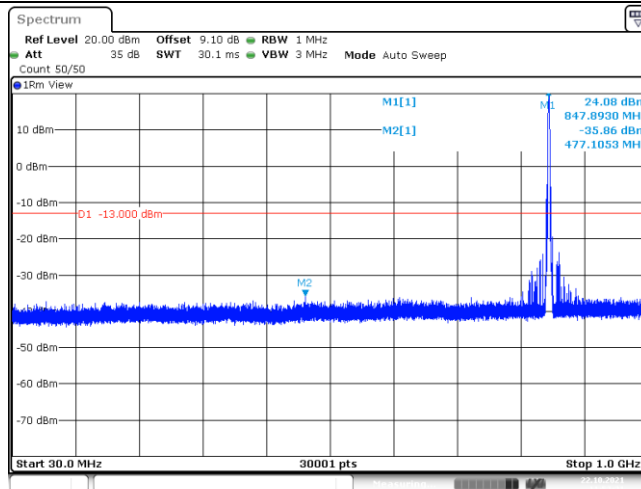
Date: 22.OCT.2021 11:49:43

Band5-1.4MHz-QPSK-20643-1-5-Low-12000-26500--49.95-PASS



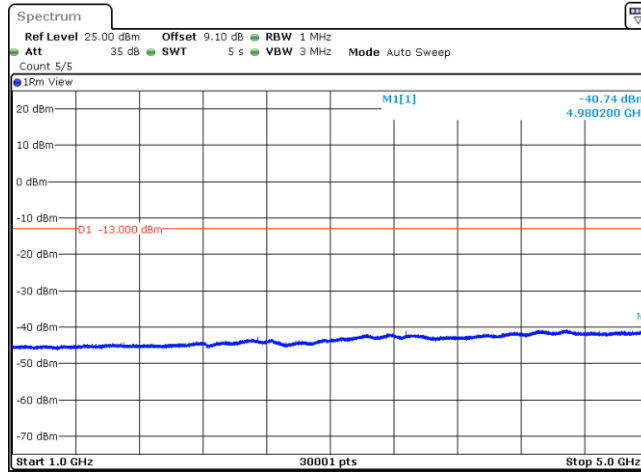
Date: 22.OCT.2021 11:50:18

Band5-1.4MHz-QPSK-20643-6-0-Low-30-1000--35.86-PASS



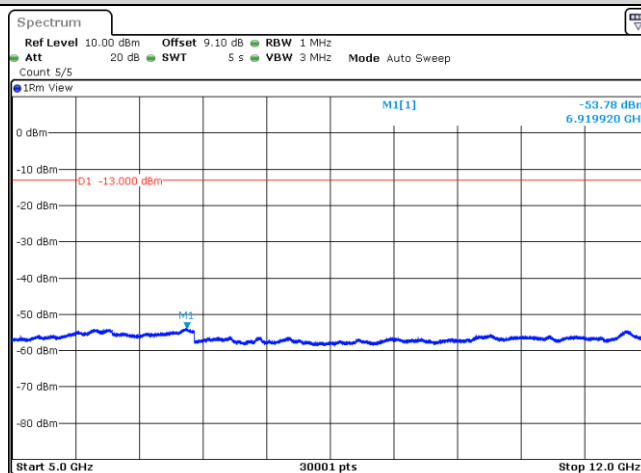
Date: 22.OCT.2021 11:52:21

Band5-1.4MHz-QPSK-20643-6-0-Low-1000-5000--40.74-PASS



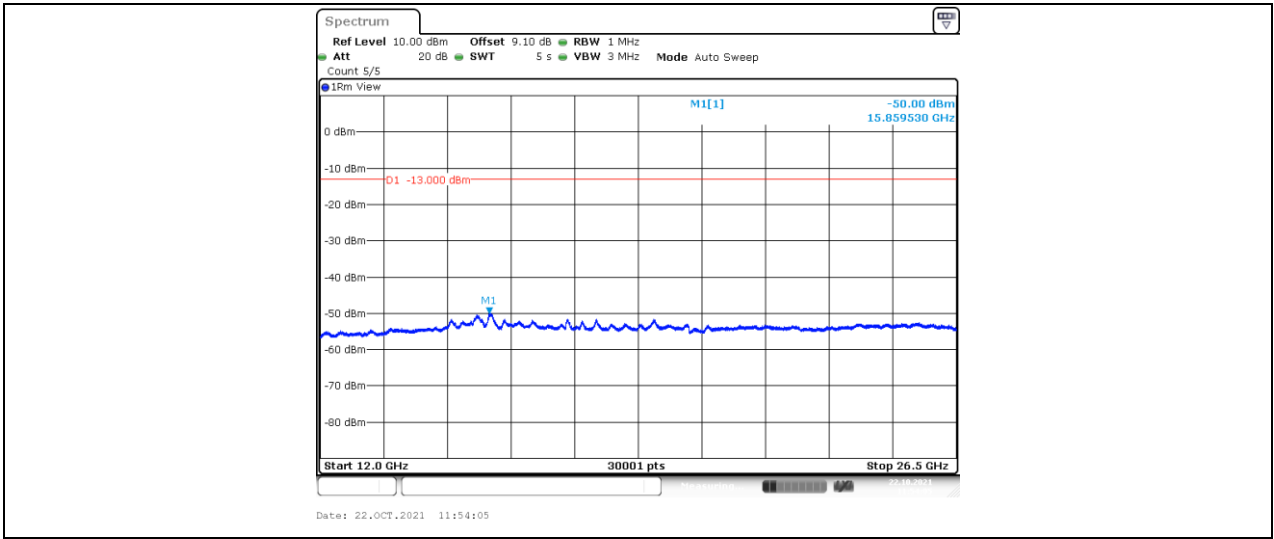
Date: 22.OCT.2021 11:52:55

Band5-1.4MHz-QPSK-20643-6-0-Low-5000-12000--53.78-PASS

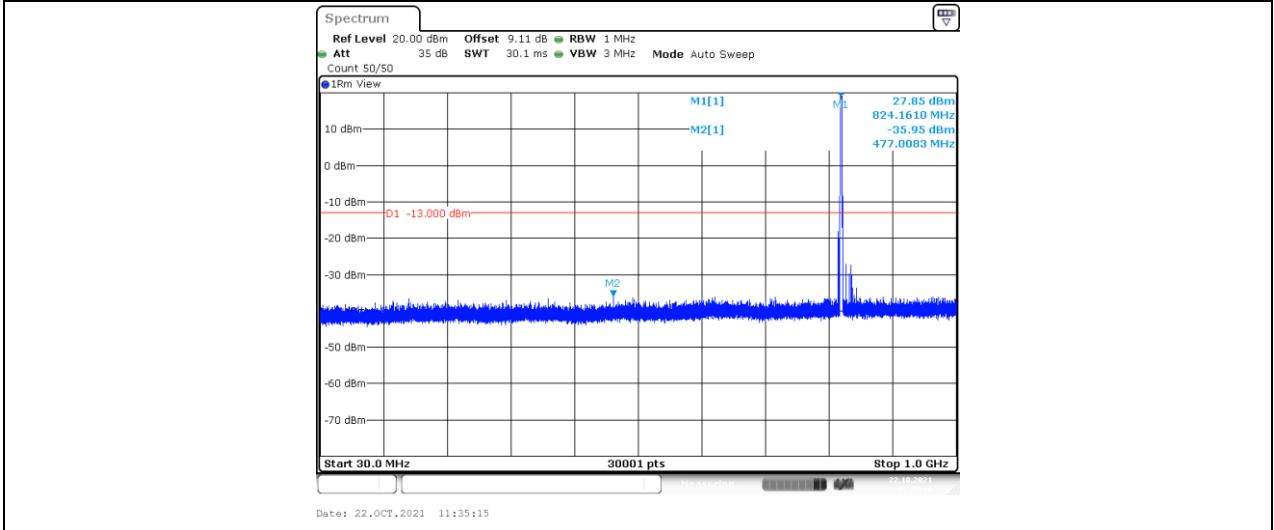


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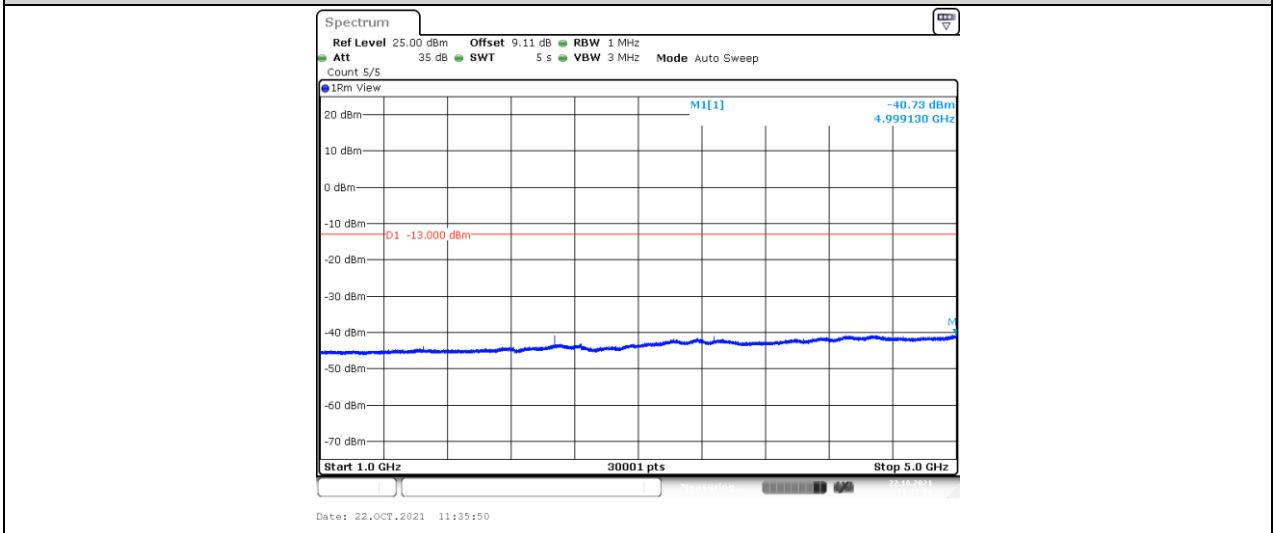
Band5-1.4MHz-QPSK-20643-6-0-Low-12000-26500--50-PASS



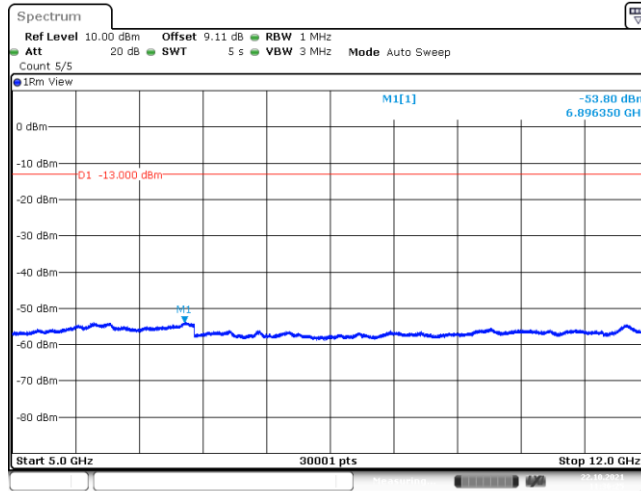
Band5-1.4MHz-16QAM-20407-1-0-Low-30-1000--35.95-PASS



Band5-1.4MHz-16QAM-20407-1-0-Low-1000-5000--40.73-PASS

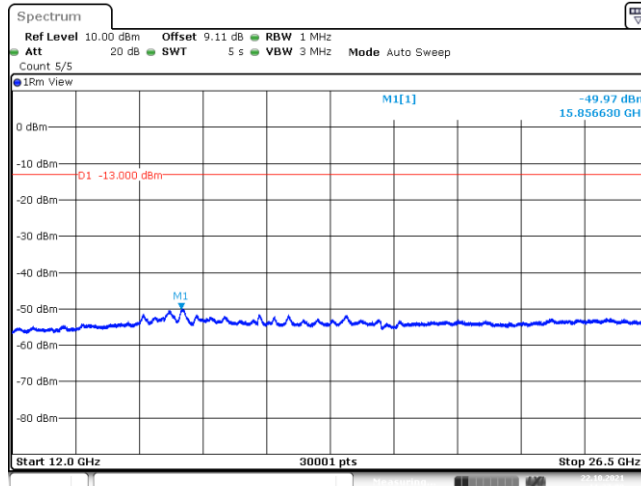


Band5-1.4MHz-16QAM-20407-1-0-Low-5000-12000--53.8-PASS



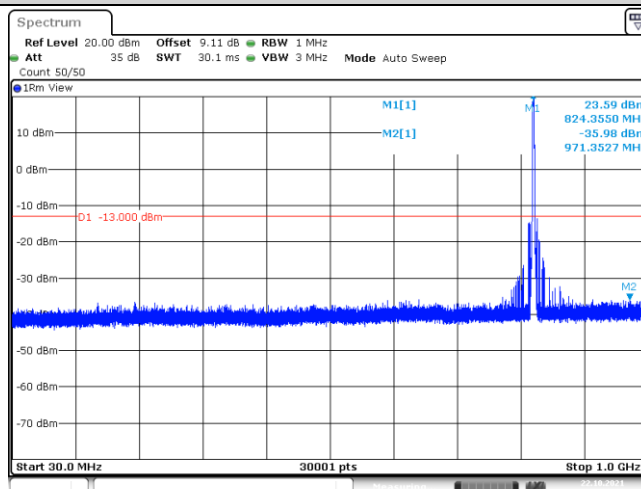
Date: 22.OCT.2021 11:36:25

Band5-1.4MHz-16QAM-20407-1-0-Low-12000-26500--49.97-PASS



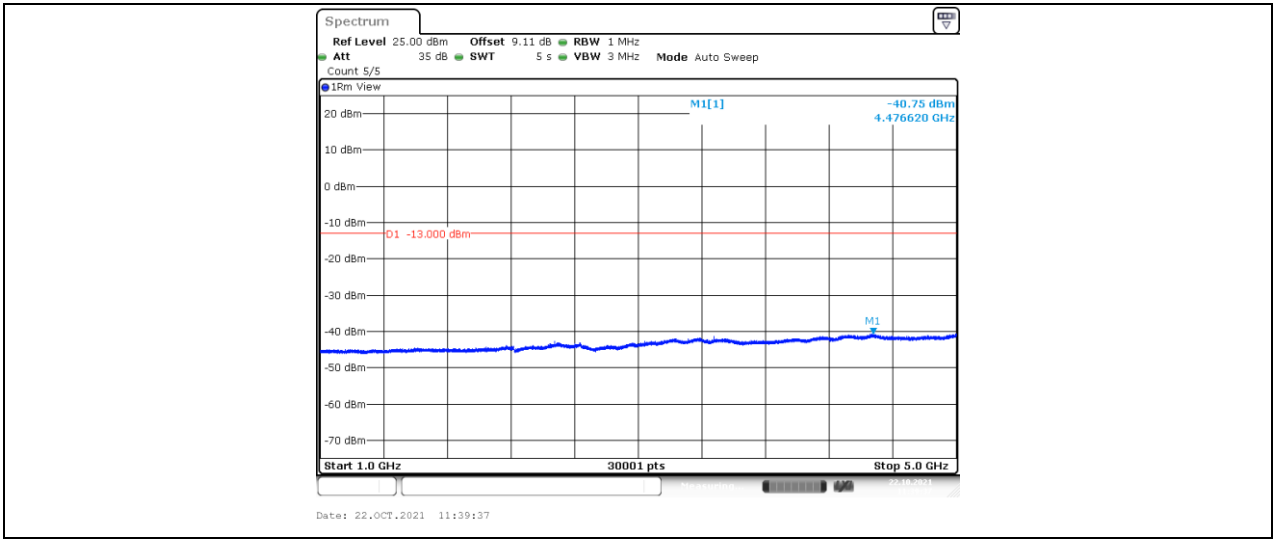
Date: 22.OCT.2021 11:37:00

Band5-1.4MHz-16QAM-20407-6-0-Low-30-1000--35.98-PASS

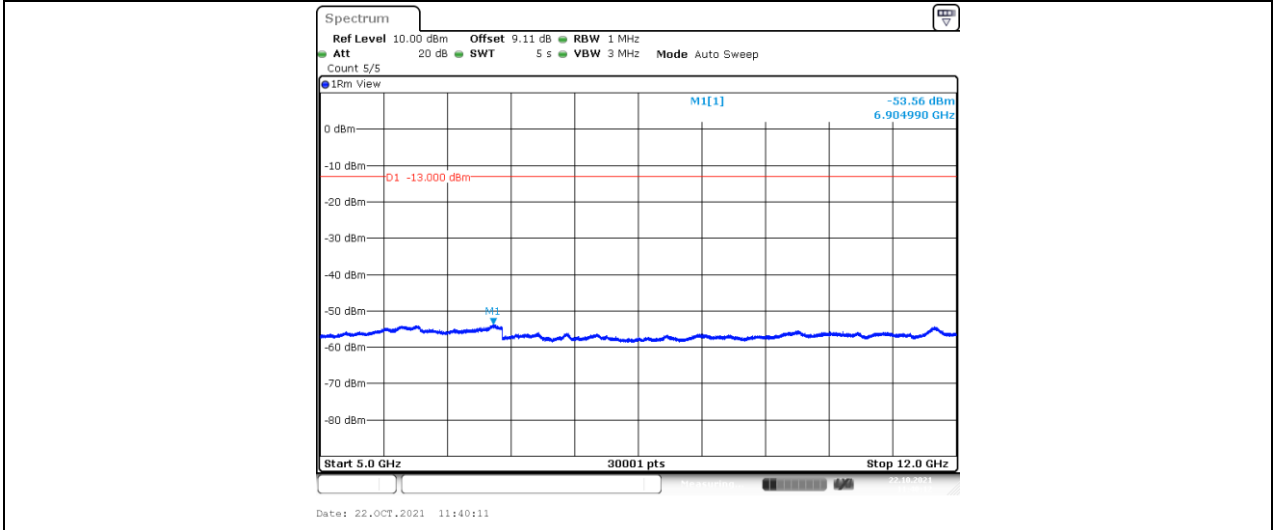


Date: 22.OCT.2021 11:39:02

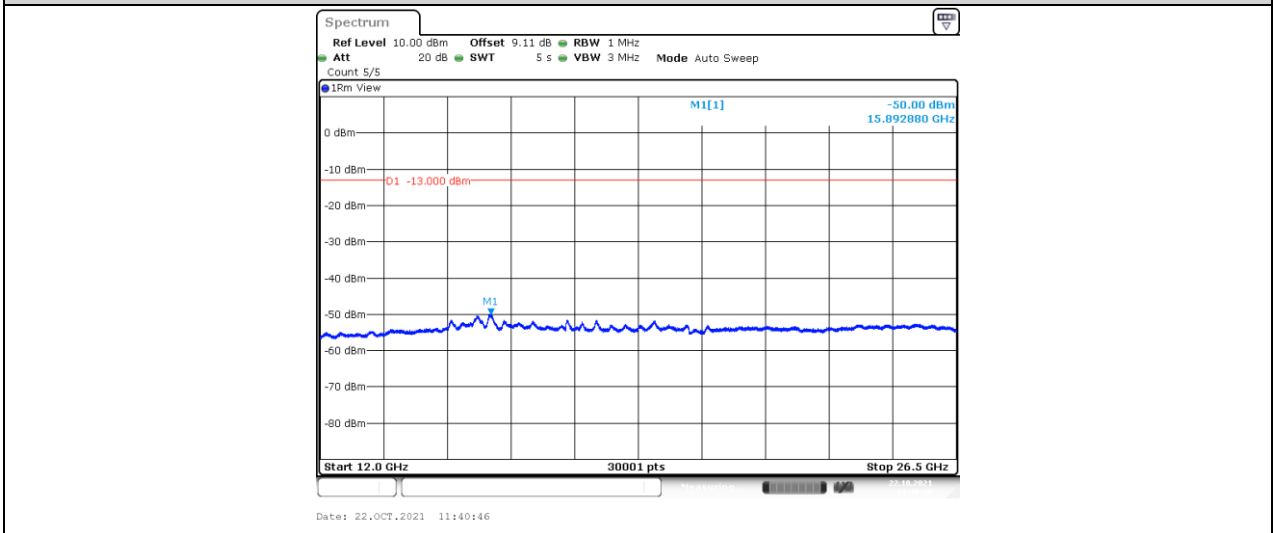
Band5-1.4MHz-16QAM-20407-6-0-Low-1000-5000--40.75-PASS



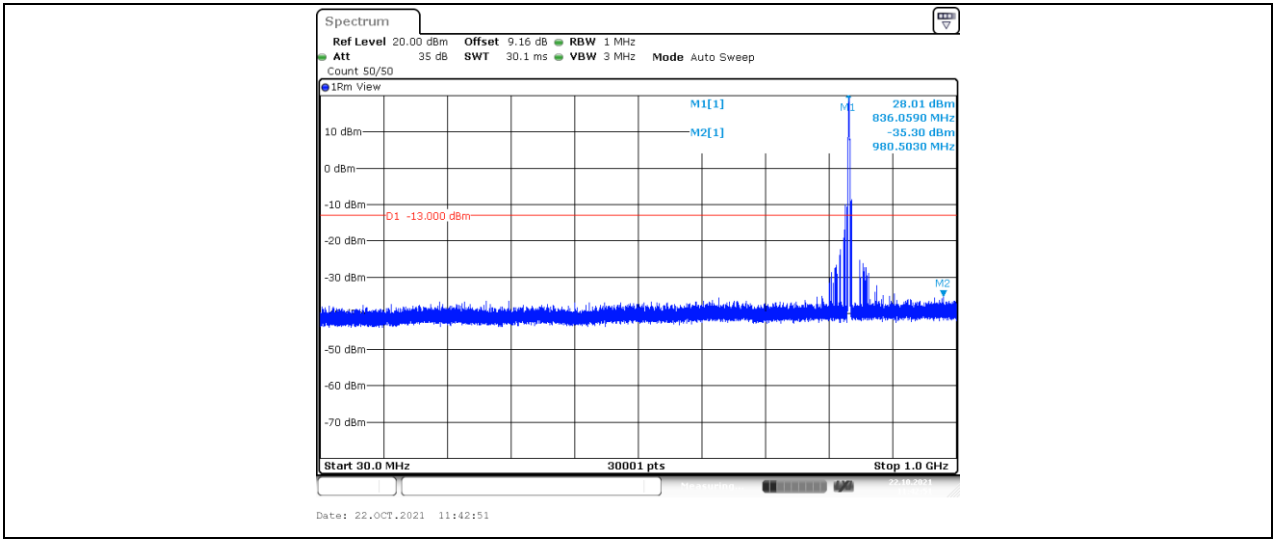
Band5-1.4MHz-16QAM-20407-6-0-Low-5000-12000--53.56-PASS



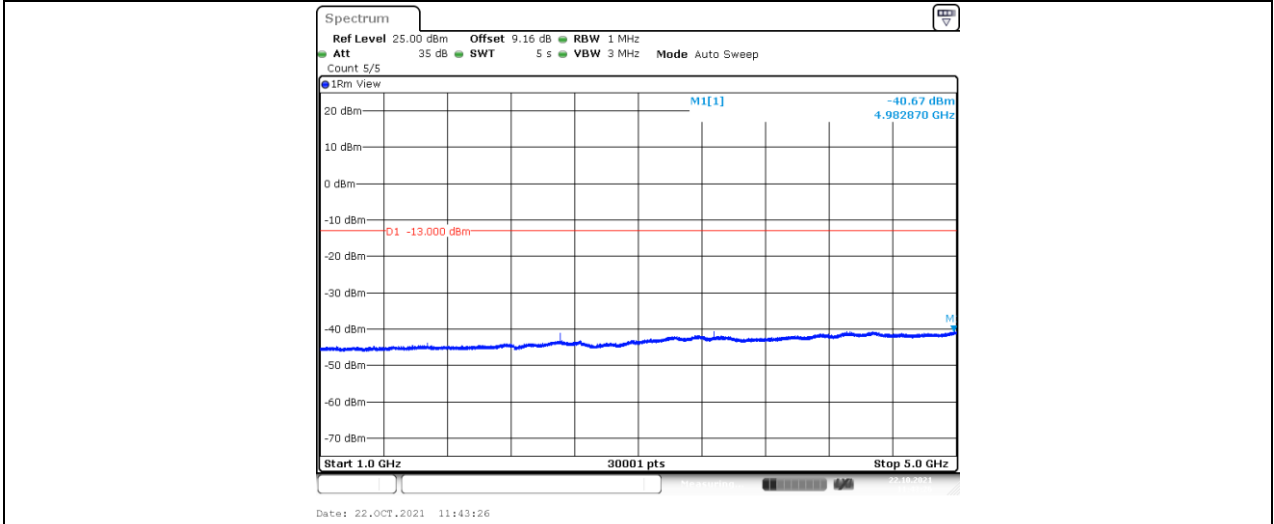
Band5-1.4MHz-16QAM-20407-6-0-Low-12000-26500--50-PASS



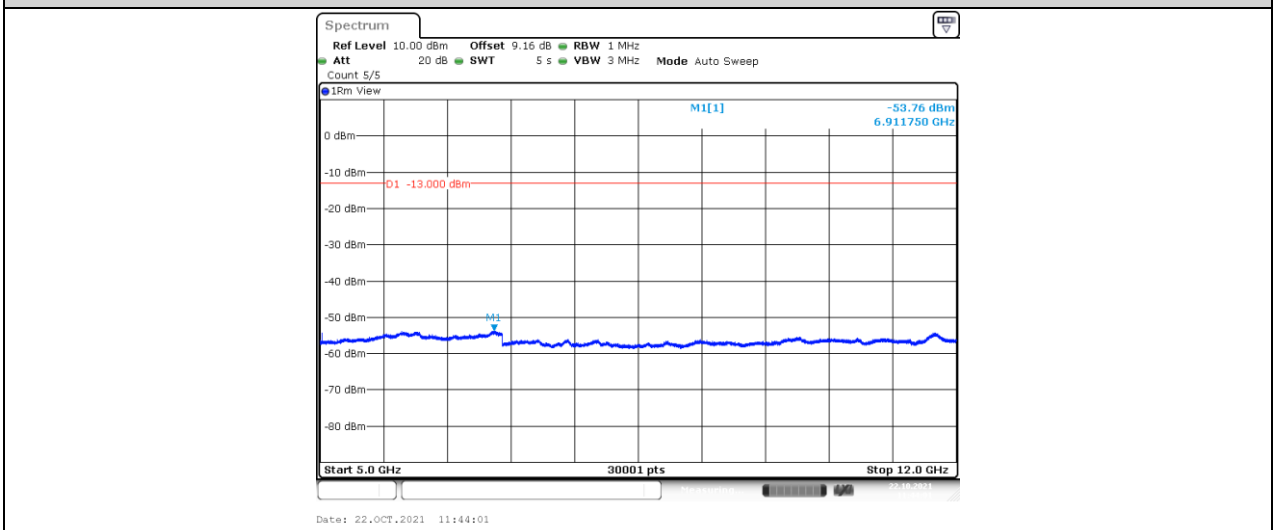
Band5-1.4MHz-16QAM-20525-1-0-Low-30-1000--35.3-PASS



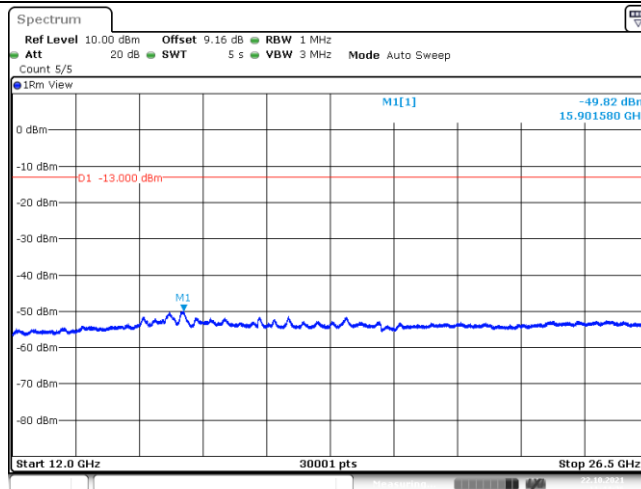
Band5-1.4MHz-16QAM-20525-1-0-Low-1000-5000--40.67-PASS



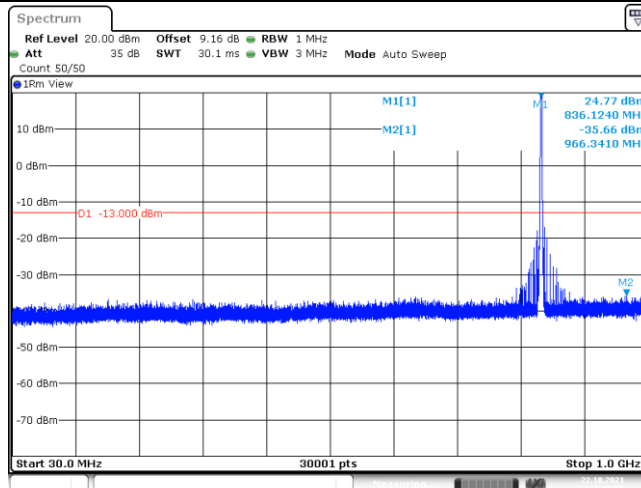
Band5-1.4MHz-16QAM-20525-1-0-Low-5000-12000--53.76-PASS



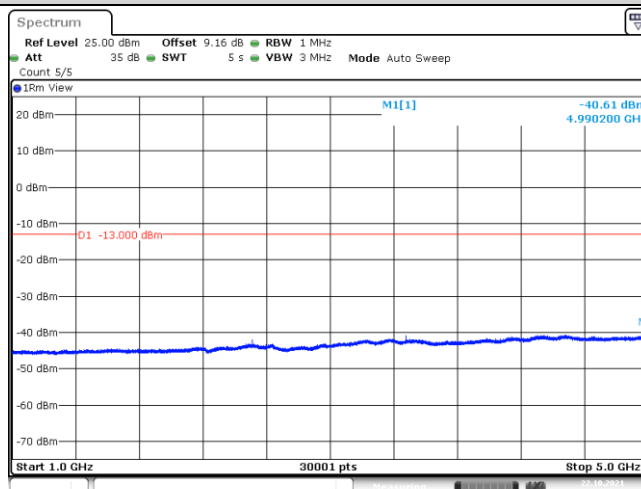
Band5-1.4MHz-16QAM-20525-1-0-Low-12000-26500--49.82-PASS



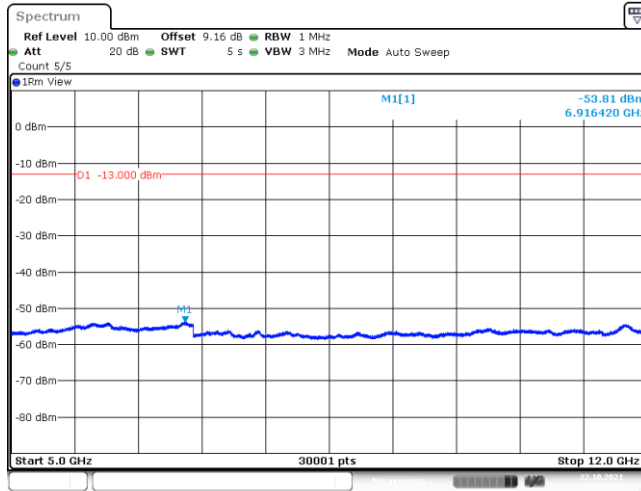
Band5-1.4MHz-16QAM-20525-6-0-Low-30-1000--35.66-PASS



Band5-1.4MHz-16QAM-20525-6-0-Low-1000-5000--40.61-PASS

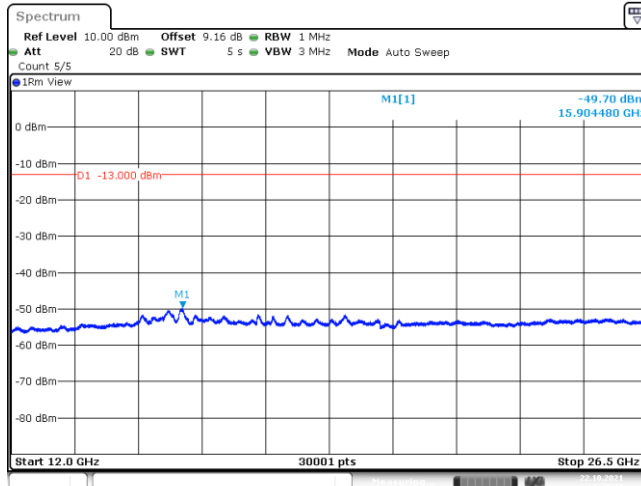


Band5-1.4MHz-16QAM-20525-6-0-Low-5000-12000--53.81-PASS



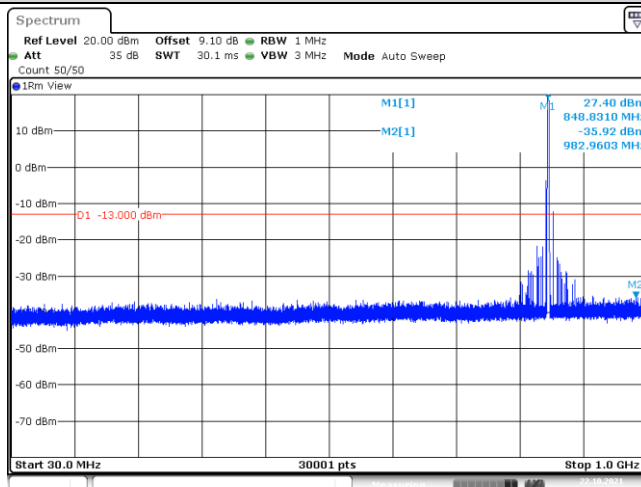
Date: 22.OCT.2021 11:47:47

Band5-1.4MHz-16QAM-20525-6-0-Low-12000-26500--49.7-PASS



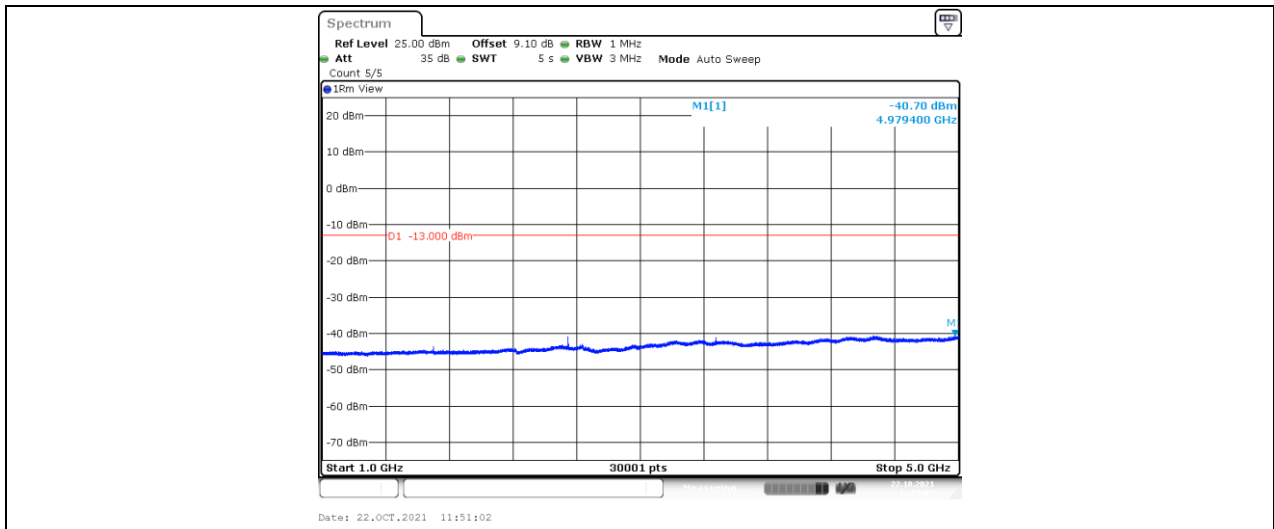
Date: 22.OCT.2021 11:48:22

Band5-1.4MHz-16QAM-20643-1-5-Low-30-1000--35.92-PASS

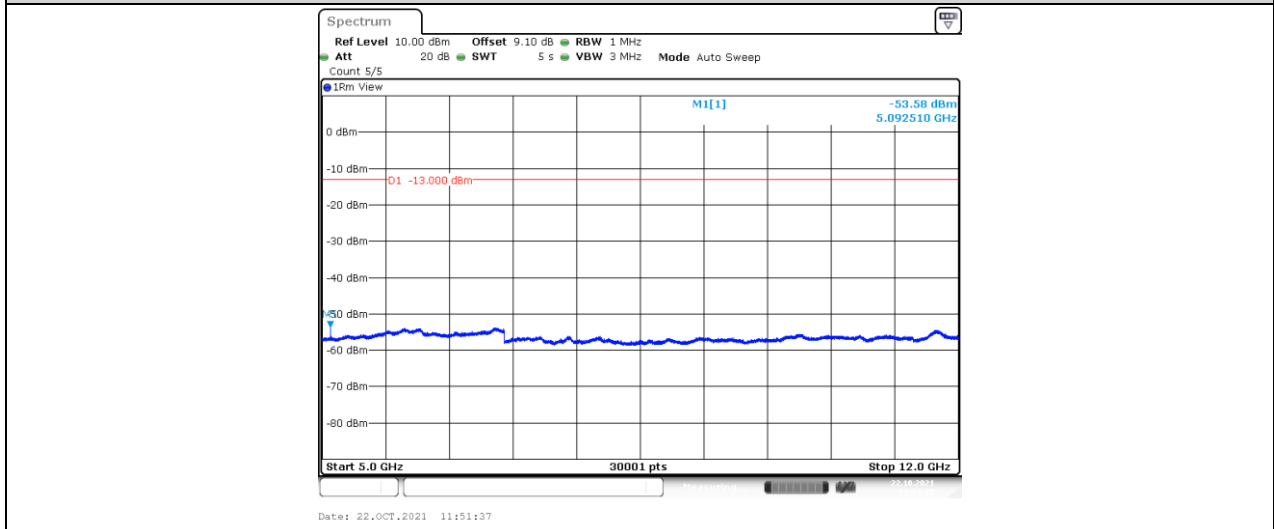


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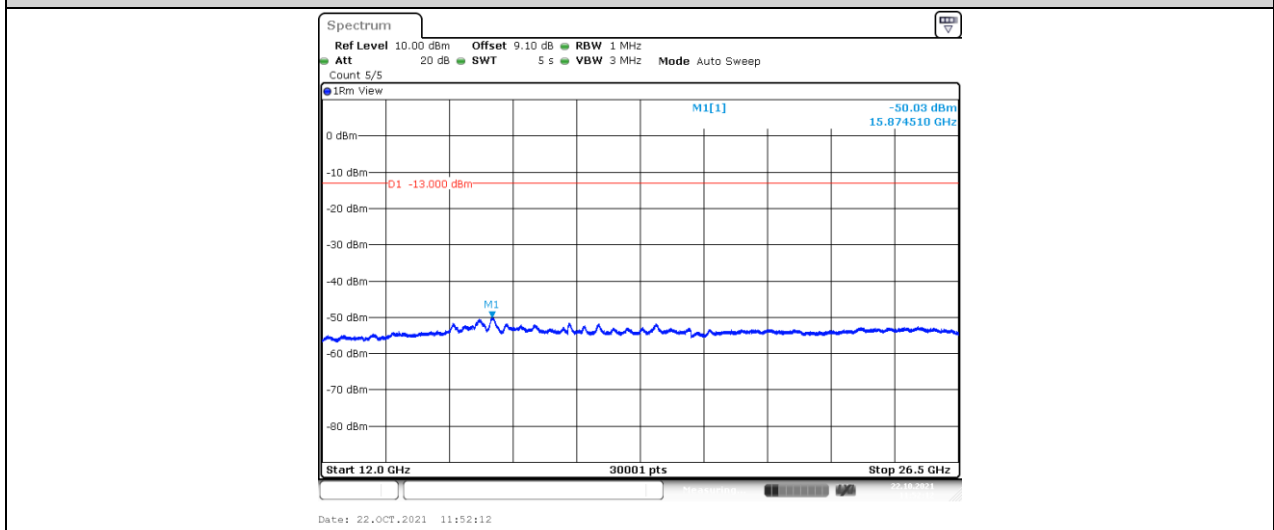
Band5-1.4MHz-16QAM-20643-1-5-Low-1000-5000--40.7-PASS



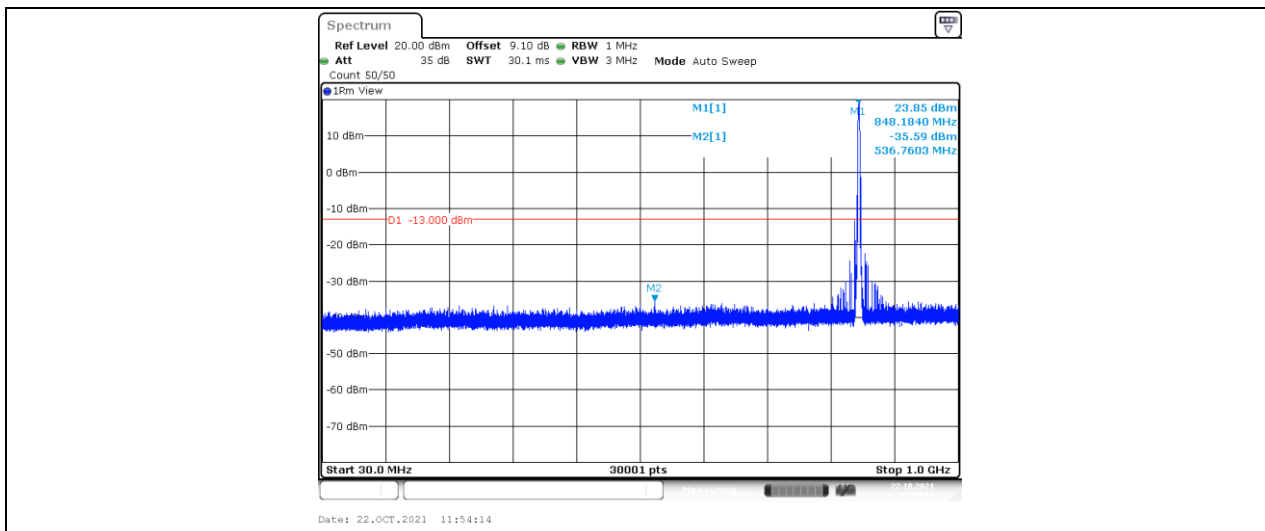
Band5-1.4MHz-16QAM-20643-1-5-Low-5000-12000--53.58-PASS



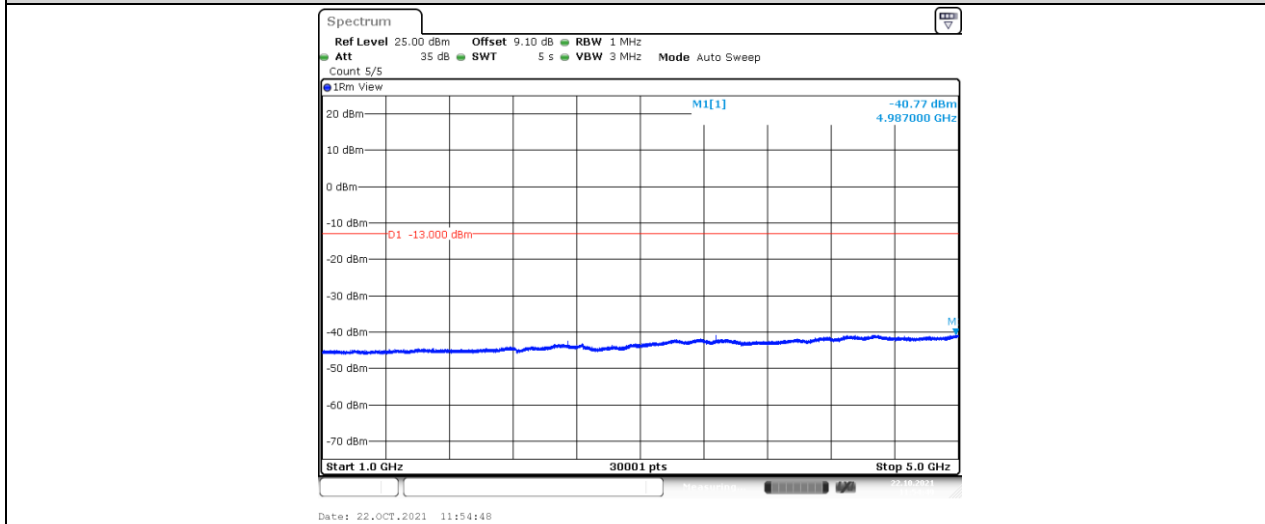
Band5-1.4MHz-16QAM-20643-1-5-Low-12000-26500--50.03-PASS



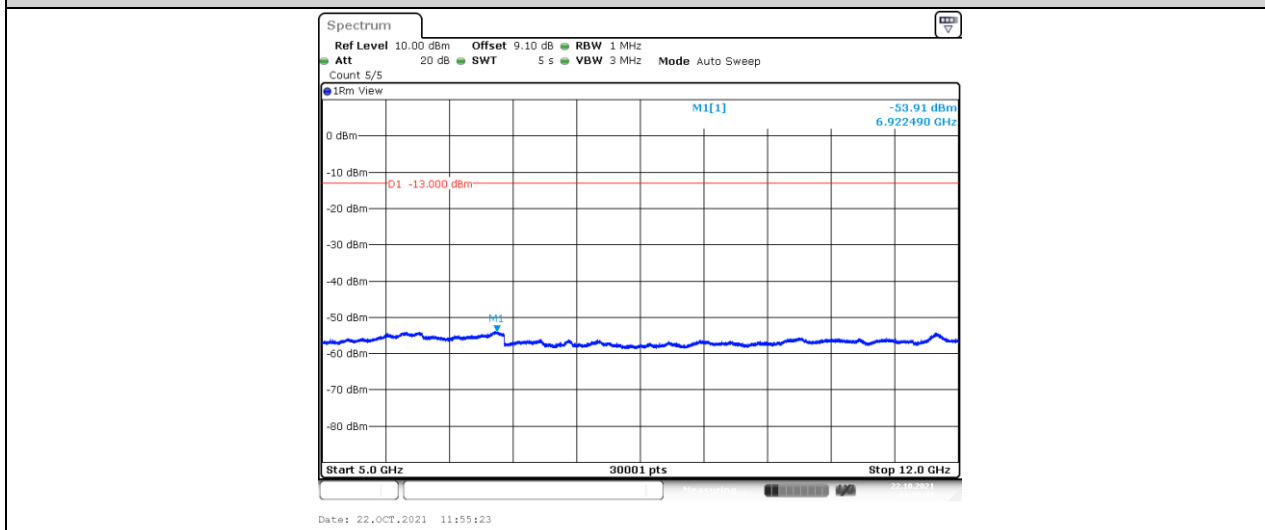
Band5-1.4MHz-16QAM-20643-6-0-Low-30-1000--35.59-PASS



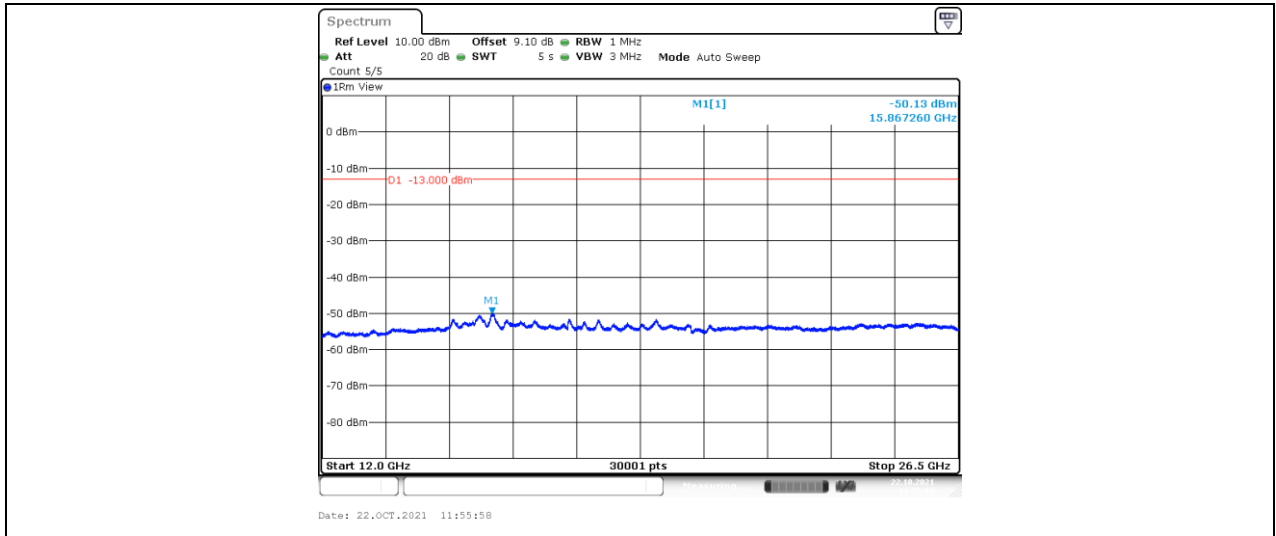
Band5-1.4MHz-16QAM-20643-6-0-Low-1000-5000--40.77-PASS



Band5-1.4MHz-16QAM-20643-6-0-Low-5000-12000--53.91-PASS



Band5-1.4MHz-16QAM-20643-6-0-Low-12000-26500--50.13-PASS



APPENDIX C.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
Band5	1.4MHz	20525	QPSK	1	0	Low	HV	NT	-8.05	-0.009623	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	LV	NT	-7.82	-0.009348	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	NT	-8.38	-0.010018	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	HV	NT	-54.30	-0.064913	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	LV	NT	-54.57	-0.065236	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	NT	-54.03	-0.064591	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	85	-6.09	-0.007280	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	-30	-6.44	-0.007699	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	-20	-6.65	-0.007950	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	-10	-7.48	-0.008942	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	0	-7.44	-0.008894	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	10	-4.58	-0.005475	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	20	-7.35	-0.008787	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	30	-4.66	-0.005571	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	40	-4.63	-0.005535	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	50	-7.30	-0.008727	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	60	-7.75	-0.009265	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	70	-7.20	-0.008607	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	-40	-7.52	-0.008990	±2.5	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	NV	80	-5.39	-0.006444	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	85	-54.50	-0.065152	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	-30	-53.60	-0.064077	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	-20	-53.44	-0.063885	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	-10	-53.26	-0.063670	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	0	-56.06	-0.067017	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	10	-54.42	-0.065057	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	20	-54.90	-0.065631	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	30	-55.63	-0.066503	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	40	-55.53	-0.066384	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	50	-54.82	-0.065535	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	60	-53.26	-0.063670	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	70	-54.85	-0.065571	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	80	-53.62	-0.064100	±2.5	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	NV	-40	-53.72	-0.064220	±2.5	PASS