

Appendix D: Test Data for E-UTRA Band 5

Product Name: Dagger QG and Dagger QG Slim

Test Model: 4-8470-10

Environmental Conditions

Temperature:	23.5°C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan

Appendix A: Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	20.04	PASS
Band5	1.4MHz	20407	QPSK	1	5	Low	20.13	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	18.30	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	20.93	PASS
Band5	1.4MHz	20525	QPSK	1	5	Low	20.79	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	19.04	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	20.55	PASS
Band5	1.4MHz	20643	QPSK	1	5	High	20.37	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	18.07	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	19.16	PASS
Band5	1.4MHz	20407	16QAM	1	5	Low	19.39	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	18.22	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	20.10	PASS
Band5	1.4MHz	20525	16QAM	1	5	Low	20.08	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	18.86	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	19.17	PASS
Band5	1.4MHz	20643	16QAM	1	5	High	18.96	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	18.23	PASS
Band5	3MHz	20415	QPSK	1	0	Low	20.14	PASS
Band5	3MHz	20415	QPSK	1	5	Low	20.12	PASS
Band5	3MHz	20415	QPSK	6	0	Low	18.08	PASS
Band5	3MHz	20525	QPSK	1	0	Low	20.73	PASS
Band5	3MHz	20525	QPSK	1	5	Low	20.66	PASS
Band5	3MHz	20525	QPSK	6	0	Low	18.69	PASS
Band5	3MHz	20635	QPSK	1	0	High	20.35	PASS
Band5	3MHz	20635	QPSK	1	5	High	20.11	PASS
Band5	3MHz	20635	QPSK	6	0	High	18.08	PASS
Band5	3MHz	20415	16QAM	1	0	Low	19.10	PASS
Band5	3MHz	20415	16QAM	1	5	Low	19.18	PASS
Band5	3MHz	20415	16QAM	6	0	Low	18.10	PASS
Band5	3MHz	20525	16QAM	1	0	Low	19.69	PASS
Band5	3MHz	20525	16QAM	1	5	Low	19.62	PASS
Band5	3MHz	20525	16QAM	6	0	Low	18.61	PASS

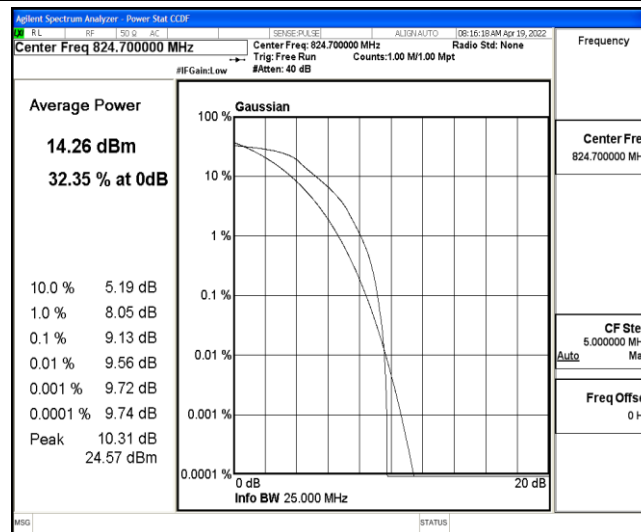
Band5	3MHz	20635	16QAM	1	0	High	19.18	PASS
Band5	3MHz	20635	16QAM	1	5	High	19.02	PASS
Band5	3MHz	20635	16QAM	6	0	High	18.09	PASS
Band5	5MHz	20425	QPSK	1	0	Low	20.06	PASS
Band5	5MHz	20425	QPSK	1	5	Low	20.05	PASS
Band5	5MHz	20425	QPSK	6	0	Low	18.96	PASS
Band5	5MHz	20525	QPSK	1	0	Low	20.68	PASS
Band5	5MHz	20525	QPSK	1	5	Low	20.46	PASS
Band5	5MHz	20525	QPSK	6	0	Low	19.54	PASS
Band5	5MHz	20625	QPSK	1	0	High	20.14	PASS
Band5	5MHz	20625	QPSK	1	5	High	19.73	PASS
Band5	5MHz	20625	QPSK	6	0	High	18.98	PASS
Band5	5MHz	20425	16QAM	1	0	Low	19.60	PASS
Band5	5MHz	20425	16QAM	1	5	Low	19.56	PASS
Band5	5MHz	20425	16QAM	6	0	Low	19.15	PASS
Band5	5MHz	20525	16QAM	1	0	Low	20.77	PASS
Band5	5MHz	20525	16QAM	1	5	Low	20.69	PASS
Band5	5MHz	20525	16QAM	6	0	Low	19.72	PASS
Band5	5MHz	20625	16QAM	1	0	High	19.98	PASS
Band5	5MHz	20625	16QAM	1	5	High	19.85	PASS
Band5	5MHz	20625	16QAM	6	0	High	19.08	PASS
Band5	10MHz	20450	QPSK	1	0	Low	20.10	PASS
Band5	10MHz	20450	QPSK	1	5	Low	20.07	PASS
Band5	10MHz	20450	QPSK	6	0	Low	19.15	PASS
Band5	10MHz	20525	QPSK	1	0	Low	20.69	PASS
Band5	10MHz	20525	QPSK	1	5	Low	20.61	PASS
Band5	10MHz	20525	QPSK	6	0	Low	19.58	PASS
Band5	10MHz	20600	QPSK	1	0	High	20.43	PASS
Band5	10MHz	20600	QPSK	1	5	High	19.96	PASS
Band5	10MHz	20600	QPSK	6	0	High	19.17	PASS
Band5	10MHz	20450	16QAM	1	0	Low	20.18	PASS
Band5	10MHz	20450	16QAM	1	5	Low	20.17	PASS
Band5	10MHz	20450	16QAM	6	0	Low	19.28	PASS
Band5	10MHz	20525	16QAM	1	0	Low	20.85	PASS
Band5	10MHz	20525	16QAM	1	5	Low	20.84	PASS
Band5	10MHz	20525	16QAM	6	0	Low	19.58	PASS
Band5	10MHz	20600	16QAM	1	0	High	20.16	PASS
Band5	10MHz	20600	16QAM	1	5	High	19.94	PASS
Band5	10MHz	20600	16QAM	6	0	High	19.34	PASS

Appendix B: Peak-to-Average Ratio(CCDF) for M1

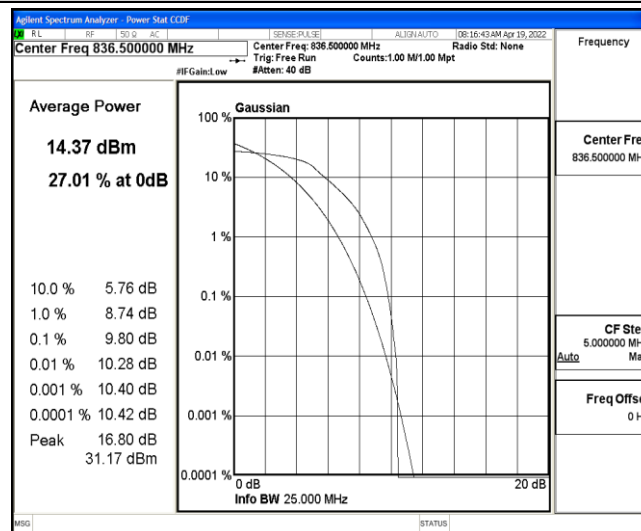
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	20407	QPSK	6	0	Low	9.13	<=13	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	9.80	<=13	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	10.56	<=13	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	11.96	<=13	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	10.34	<=13	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	11.61	<=13	PASS
Band5	3MHz	20415	QPSK	6	0	Low	10.66	<=13	PASS
Band5	3MHz	20525	QPSK	6	0	Low	9.83	<=13	PASS
Band5	3MHz	20635	QPSK	6	0	Low	10.37	<=13	PASS
Band5	3MHz	20415	16QAM	6	0	Low	9.58	<=13	PASS
Band5	3MHz	20525	16QAM	6	0	Low	11.14	<=13	PASS
Band5	3MHz	20635	16QAM	6	0	Low	12.04	<=13	PASS
Band5	5MHz	20425	QPSK	6	0	Low	10.31	<=13	PASS
Band5	5MHz	20525	QPSK	6	0	Low	10.44	<=13	PASS
Band5	5MHz	20625	QPSK	6	0	Low	11.32	<=13	PASS
Band5	5MHz	20425	16QAM	6	0	Low	10.08	<=13	PASS
Band5	5MHz	20525	16QAM	6	0	Low	10.38	<=13	PASS
Band5	5MHz	20625	16QAM	6	0	Low	9.49	<=13	PASS
Band5	10MHz	20450	QPSK	6	0	Low	10.10	<=13	PASS
Band5	10MHz	20525	QPSK	6	0	Low	9.32	<=13	PASS
Band5	10MHz	20600	QPSK	6	0	Low	9.49	<=13	PASS
Band5	10MHz	20450	16QAM	6	0	Low	11.32	<=13	PASS
Band5	10MHz	20525	16QAM	6	0	Low	10.49	<=13	PASS
Band5	10MHz	20600	16QAM	6	0	Low	10.75	<=13	PASS

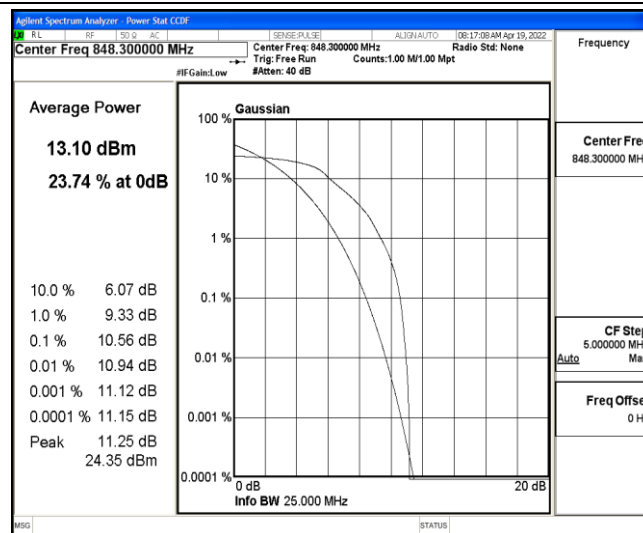
Test Graphs



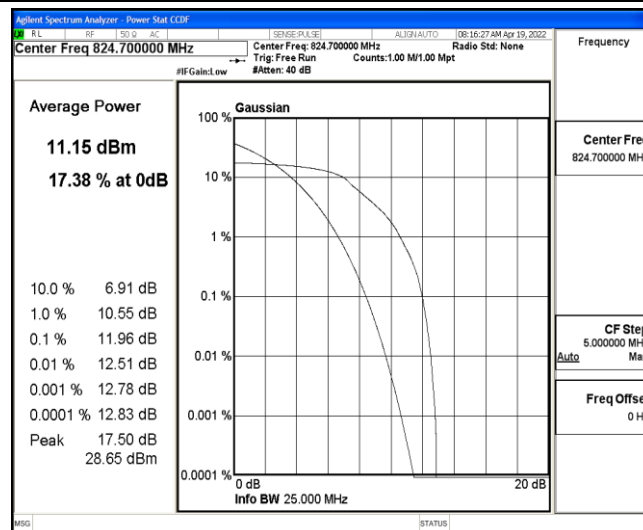
Band5-1.4MHz-QPSK-20407-6-0-Low-9.13-<=13-PASS



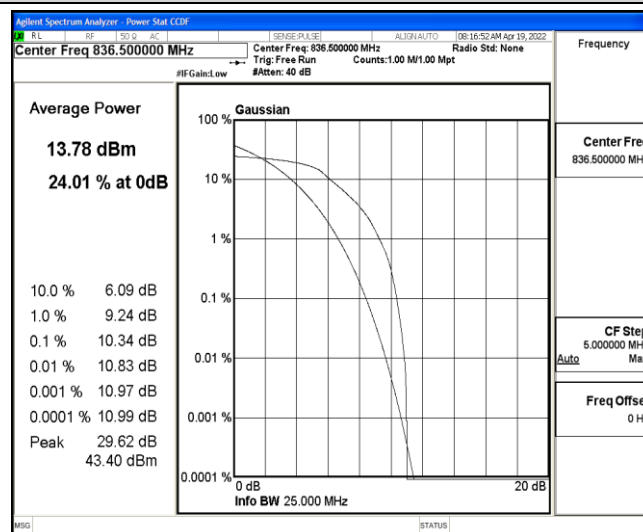
Band5-1.4MHz-QPSK-20525-6-0-Low-9.80-<=13-PASS



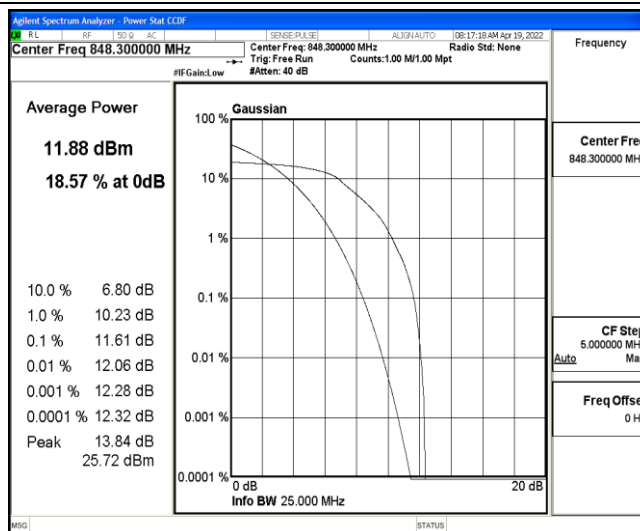
Band5-1.4MHz-QPSK-20643-6-0-Low-10.56-<=13-PASS



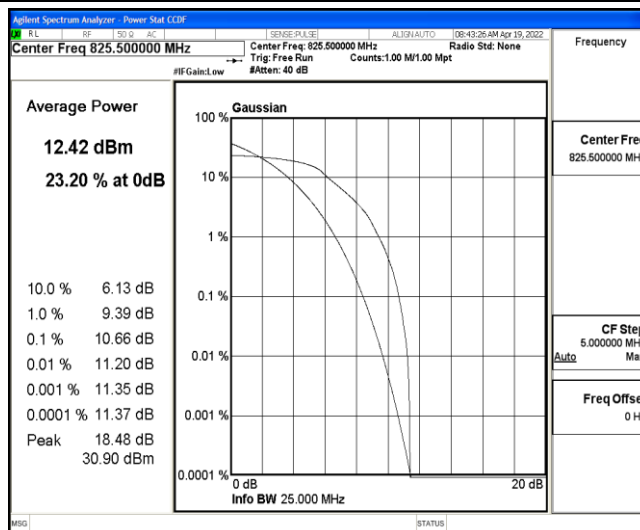
Band5-1.4MHz-16QAM-20407-6-0-Low-11.96-<=13-PASS



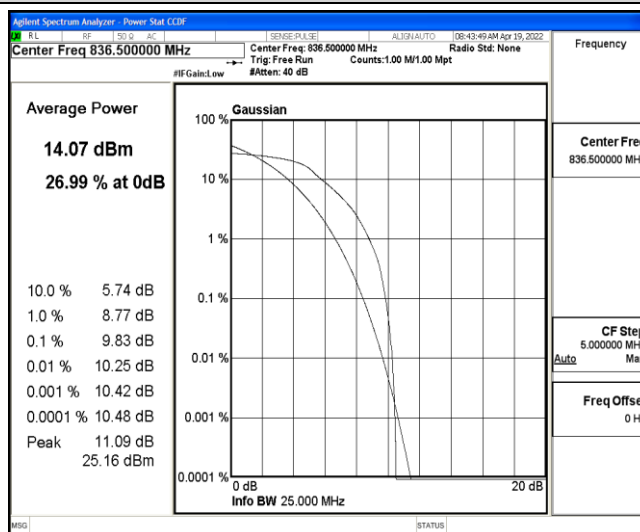
Band5-1.4MHz-16QAM-20525-6-0-Low-10.34-<=13-PASS



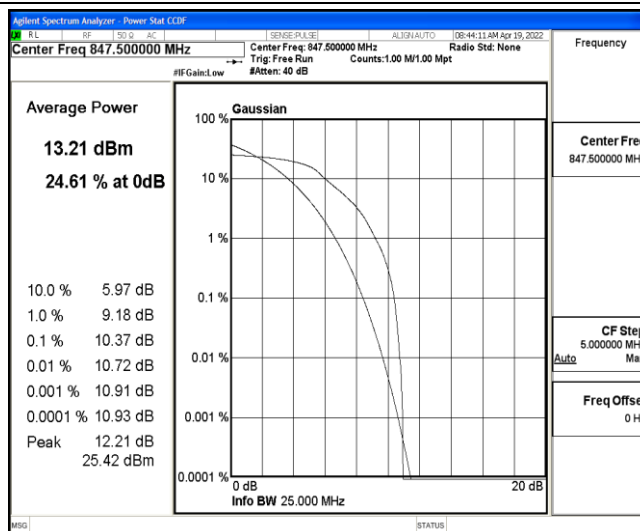
Band5-1.4MHz-16QAM-20643-6-0-Low-11.61-<=13-PASS



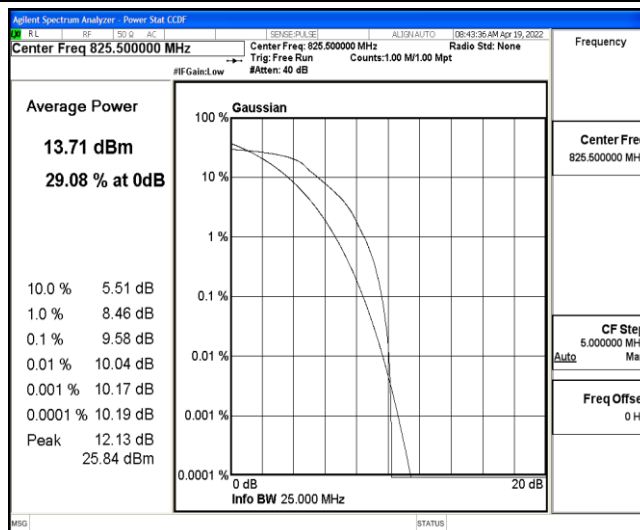
Band5-3MHz-QPSK-20415-6-0-Low-10.66-<=13-PASS



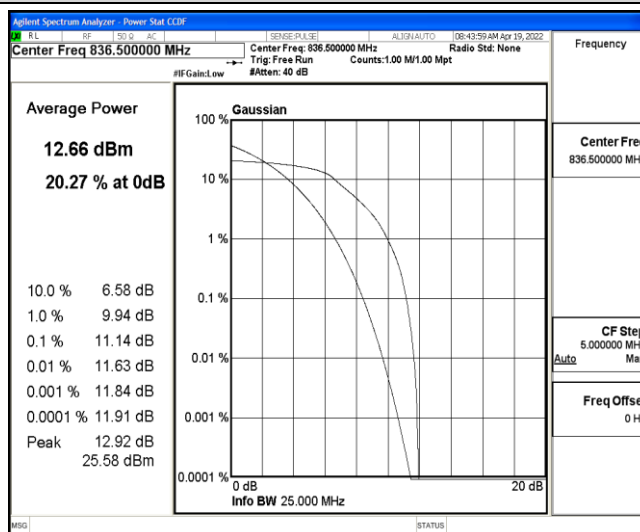
Band5-3MHz-QPSK-20525-6-0-Low-9.83-<=13-PASS



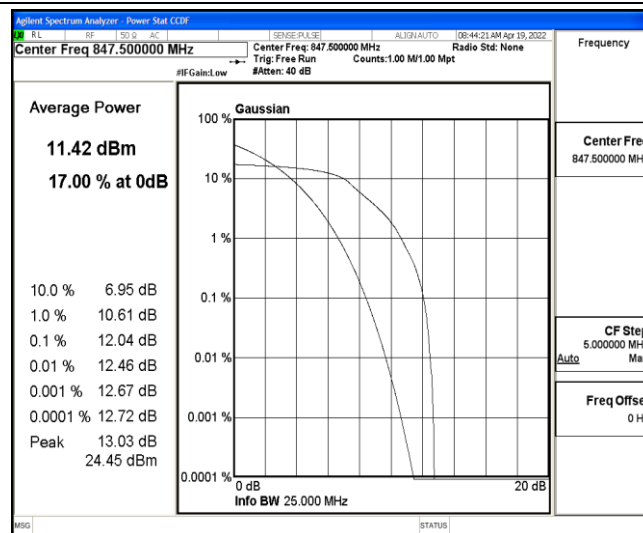
Band5-3MHz-QPSK-20635-6-0-Low-10.37-<=13-PASS



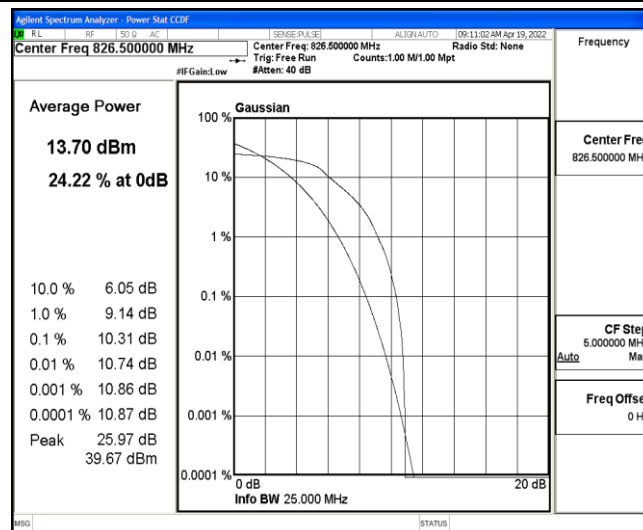
Band5-3MHz-16QAM-20415-6-0-Low-9.58-<=13-PASS



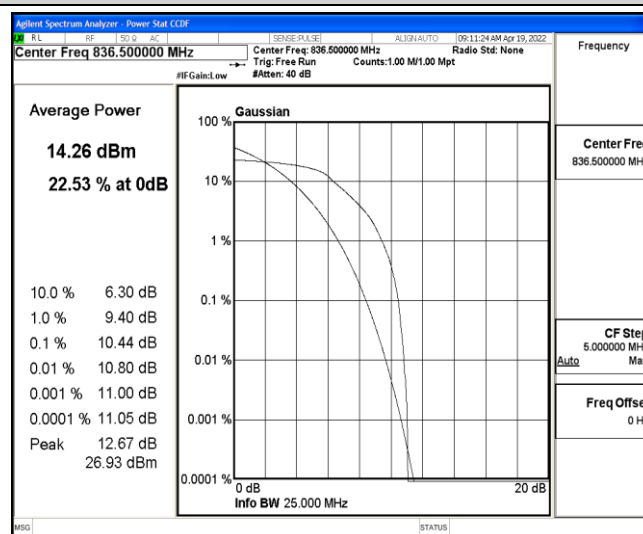
Band5-3MHz-16QAM-20525-6-0-Low-11.14-<=13-PASS



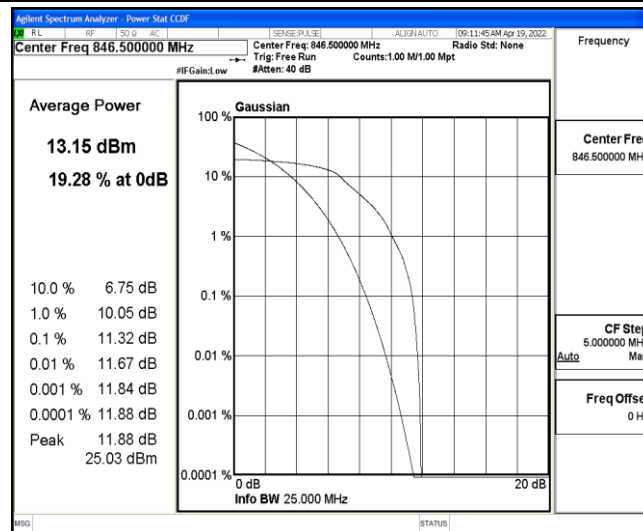
Band5-3MHz-16QAM-20635-6-0-Low-12.04-13-PASS



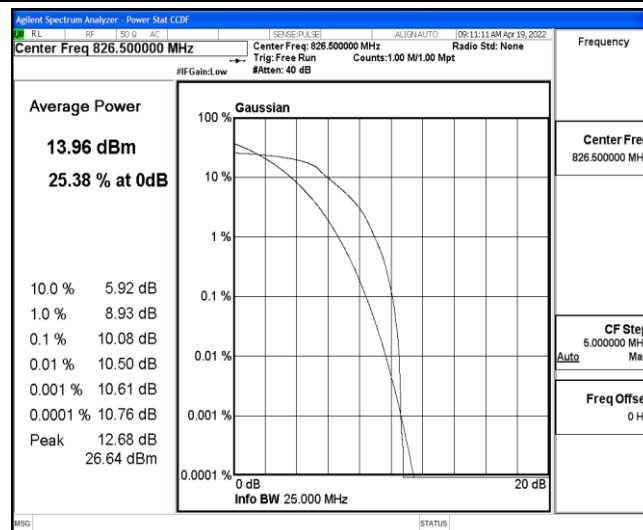
Band5-5MHz-QPSK-20425-6-0-Low-10.31-13-PASS



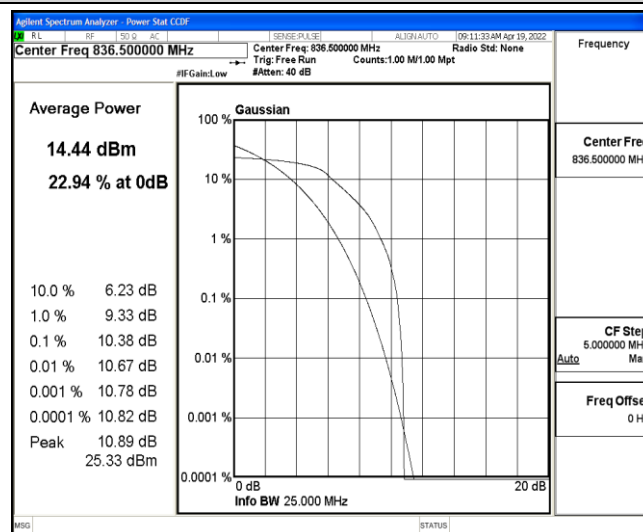
Band5-5MHz-QPSK-20525-6-0-Low-10.44-13-PASS



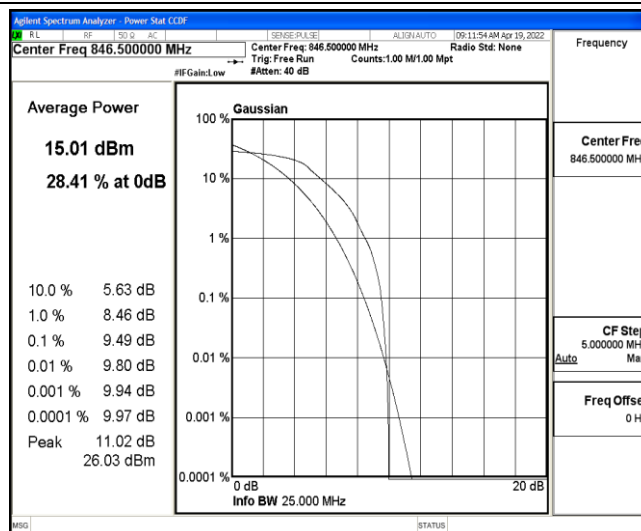
Band5-5MHz-QPSK-20625-6-0-Low-11.32-<=13-PASS



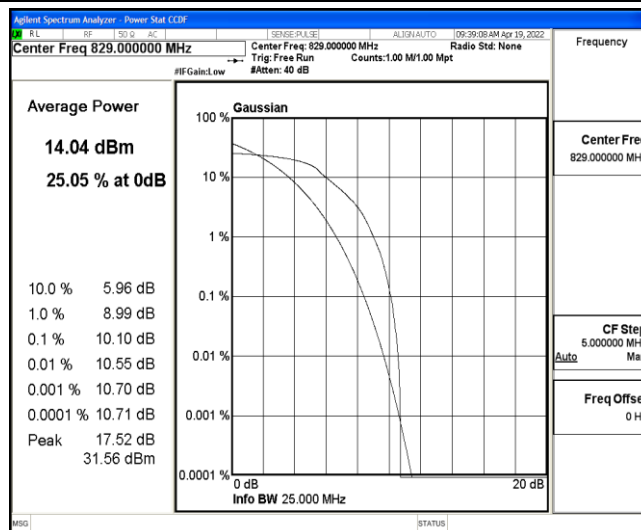
Band5-5MHz-16QAM-20425-6-0-Low-10.08-<=13-PASS



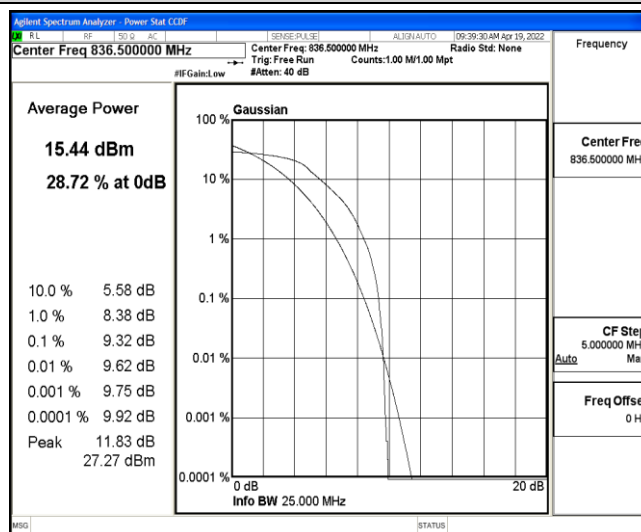
Band5-5MHz-16QAM-20525-6-0-Low-10.38-<=13-PASS



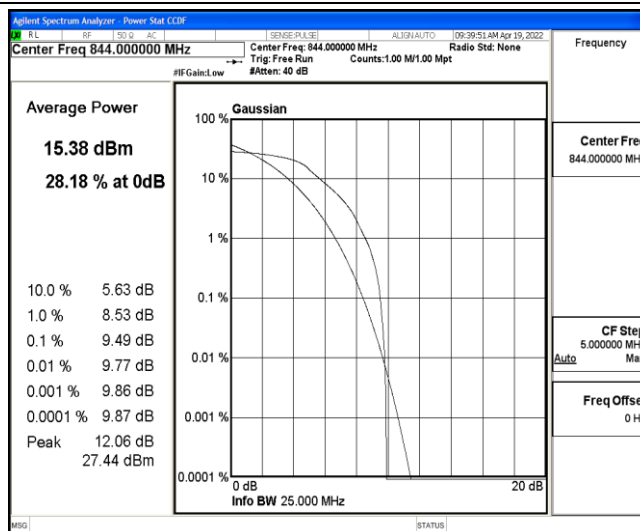
Band5-5MHz-16QAM-20625-6-0-Low-9.49-<=13-PASS



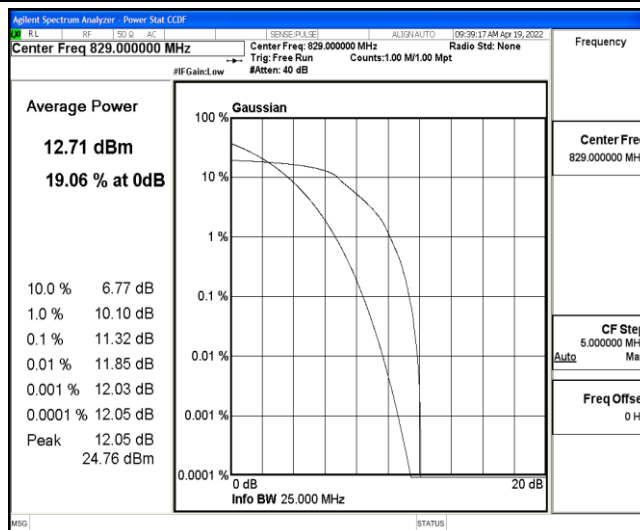
Band5-10MHz-QPSK-20450-6-0-Low-10.10-<=13-PASS



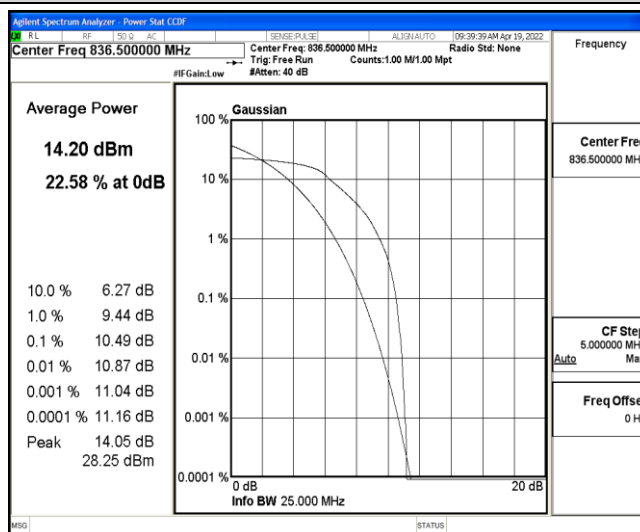
Band5-10MHz-QPSK-20525-6-0-Low-9.32-<=13-PASS



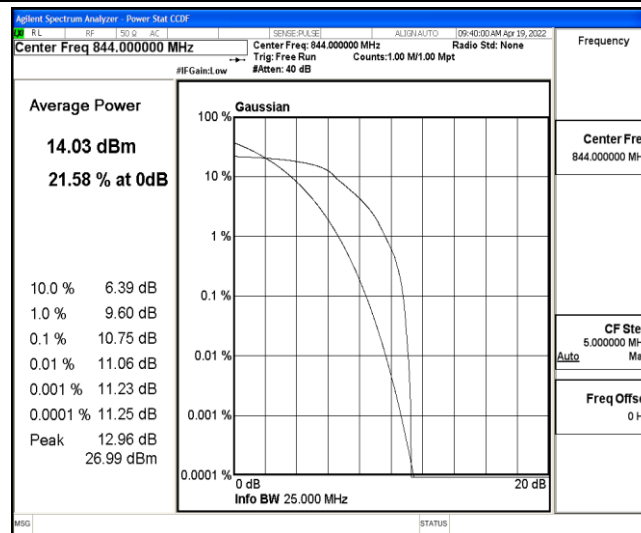
Band5-10MHz-QPSK-20600-6-0-Low-9.49-<=13-PASS



Band5-10MHz-16QAM-20450-6-0-Low-11.32-<=13-PASS



Band5-10MHz-16QAM-20525-6-0-Low-10.49-<=13-PASS



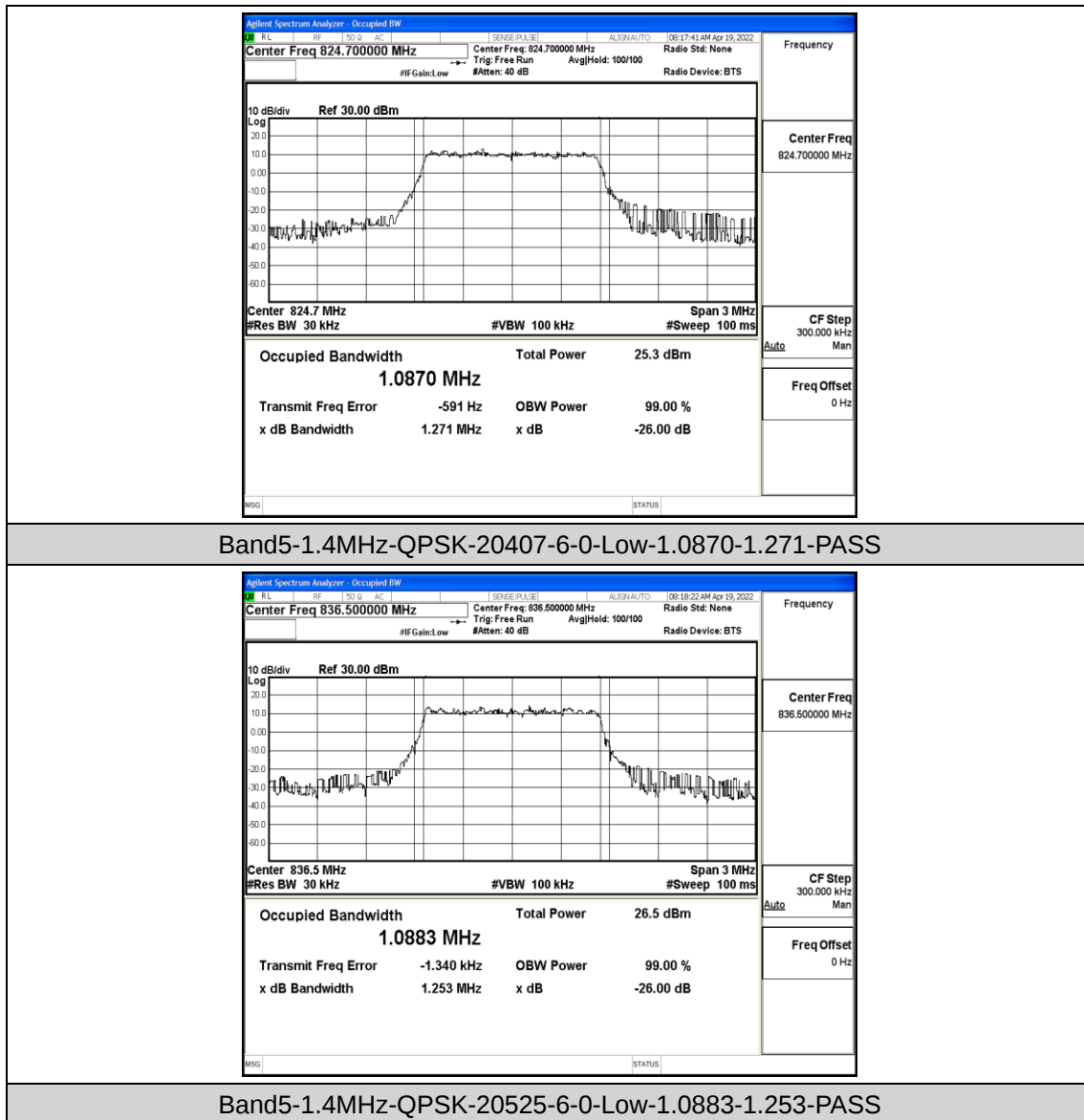
Band5-10MHz-16QAM-20600-6-0-Low-10.75-<=13-PASS

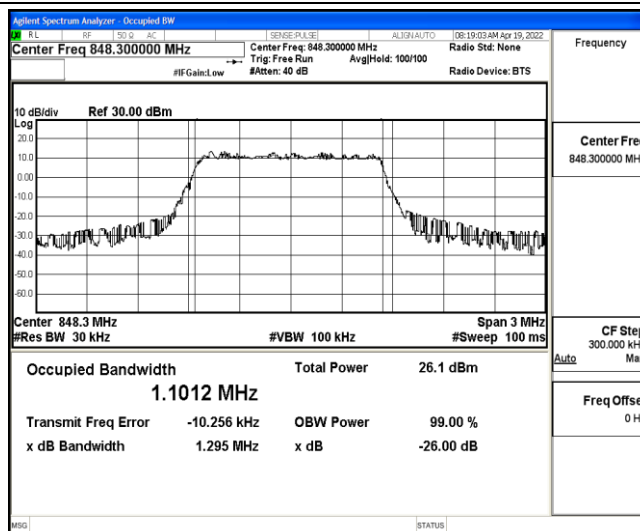
Appendix C: 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

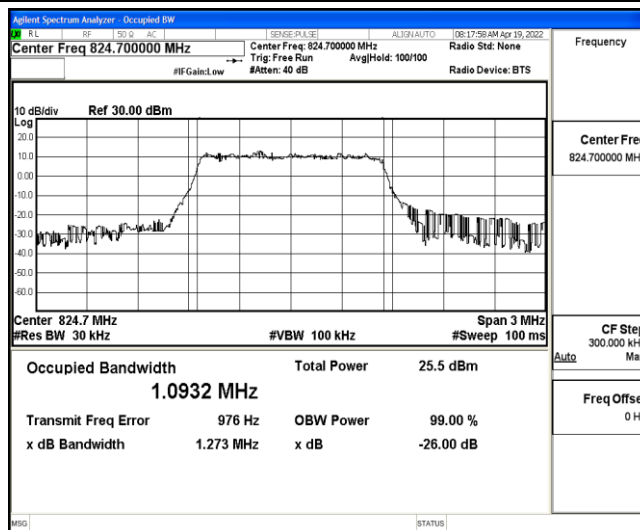
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	20407	QPSK	6	0	Low	1.0870	1.271	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	1.0883	1.253	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	1.1012	1.295	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	1.0932	1.273	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	1.0883	1.262	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	1.0913	1.290	PASS
Band5	3MHz	20415	QPSK	6	0	Low	1.1093	1.368	PASS
Band5	3MHz	20525	QPSK	6	0	Low	1.1075	1.305	PASS
Band5	3MHz	20635	QPSK	6	0	High	1.1088	1.314	PASS
Band5	3MHz	20415	16QAM	6	0	Low	1.1126	1.360	PASS
Band5	3MHz	20525	16QAM	6	0	Low	1.1143	1.311	PASS
Band5	3MHz	20635	16QAM	6	0	High	1.1262	1.331	PASS
Band5	5MHz	20425	QPSK	6	0	Low	1.1787	1.422	PASS
Band5	5MHz	20525	QPSK	6	0	Low	1.1662	1.570	PASS
Band5	5MHz	20625	QPSK	6	0	High	1.1973	1.419	PASS
Band5	5MHz	20425	16QAM	6	0	Low	1.1604	1.536	PASS
Band5	5MHz	20525	16QAM	6	0	Low	1.1660	1.559	PASS
Band5	5MHz	20625	16QAM	6	0	High	1.1733	1.405	PASS
Band5	10MHz	20450	QPSK	6	0	Low	1.3436	2.263	PASS
Band5	10MHz	20525	QPSK	6	0	Low	1.3369	1.859	PASS
Band5	10MHz	20600	QPSK	6	0	High	1.3415	1.786	PASS
Band5	10MHz	20450	16QAM	6	0	Low	1.3315	2.222	PASS
Band5	10MHz	20525	16QAM	6	0	Low	1.3288	1.863	PASS
Band5	10MHz	20600	16QAM	6	0	High	1.3156	1.579	PASS

Test Graphs

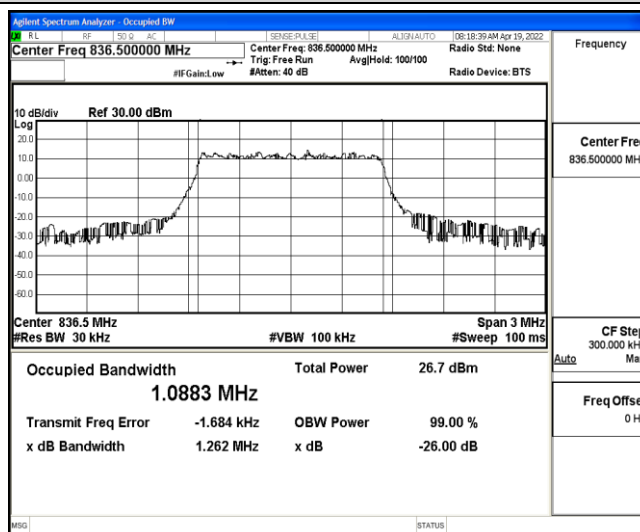




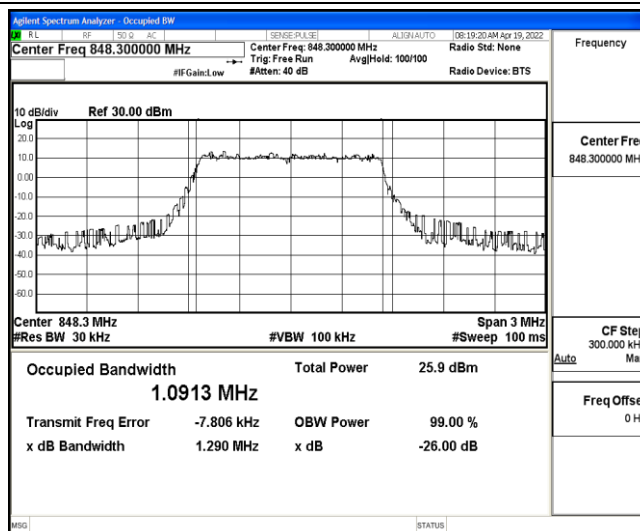
Band5-1.4MHz-QPSK-20643-6-0-High-1.1012-1.295-PASS



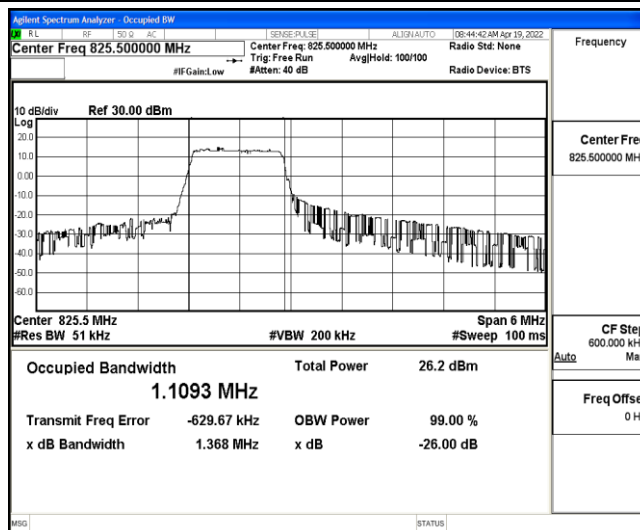
Band5-1.4MHz-16QAM-20407-6-0-Low-1.0932-1.273-PASS



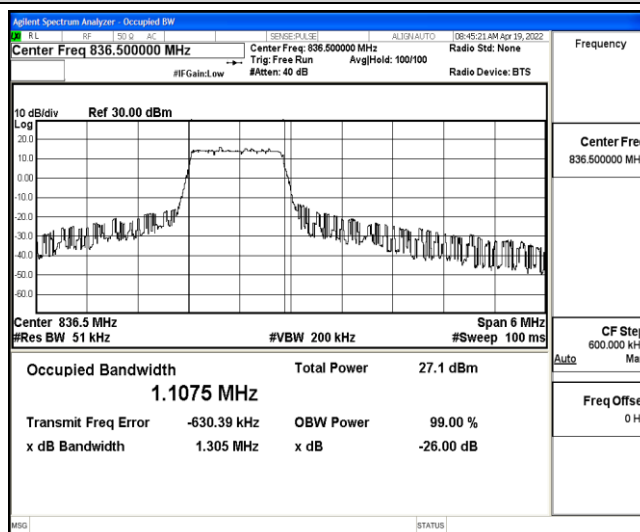
Band5-1.4MHz-16QAM-20525-6-0-Low-1.0883-1.262-PASS



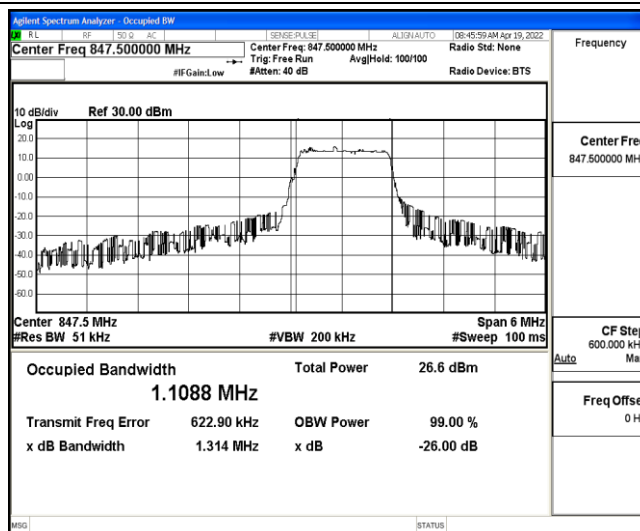
Band5-1.4MHz-16QAM-20643-6-0-High-1.0913-1.290-PASS



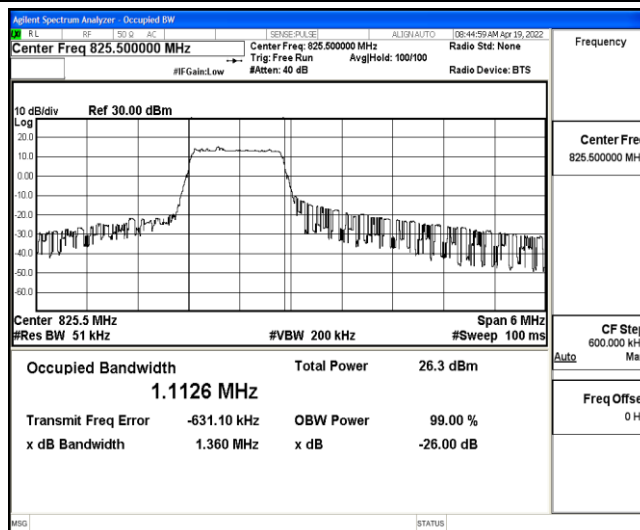
Band5-3MHz-QPSK-20415-6-0-Low-1.1093-1.368-PASS



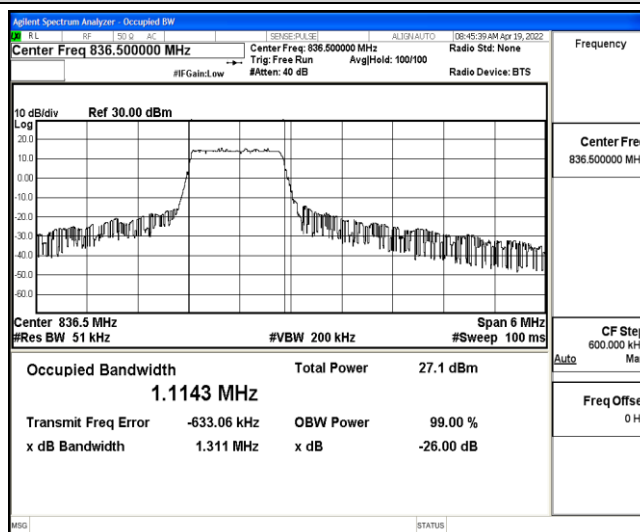
Band5-3MHz-QPSK-20525-6-0-Low-1.1075-1.305-PASS



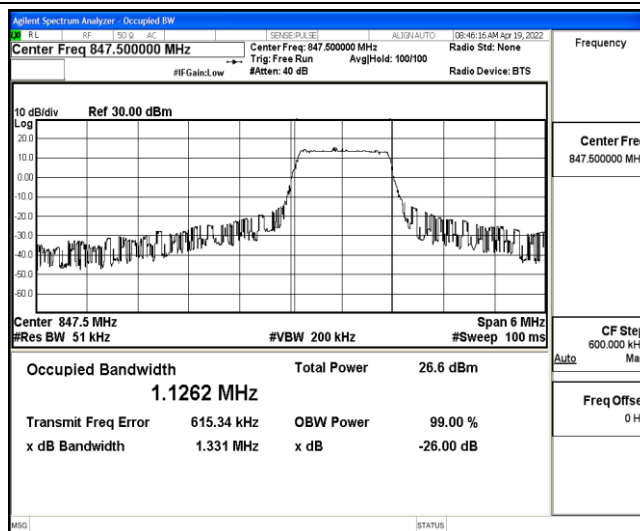
Band5-3MHz-QPSK-20635-6-0-High-1.1088-1.314-PASS



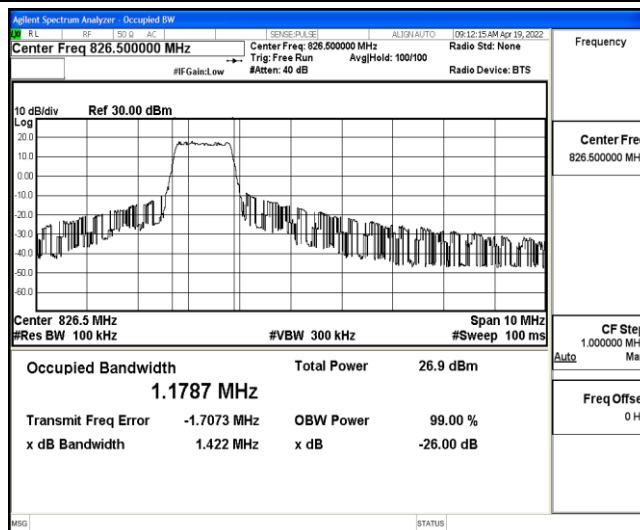
Band5-3MHz-16QAM-20415-6-0-Low-1.1126-1.360-PASS



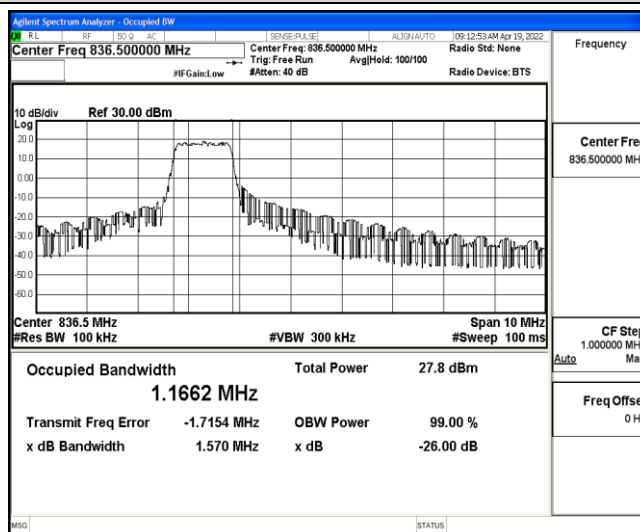
Band5-3MHz-16QAM-20525-6-0-Low-1.1143-1.311-PASS



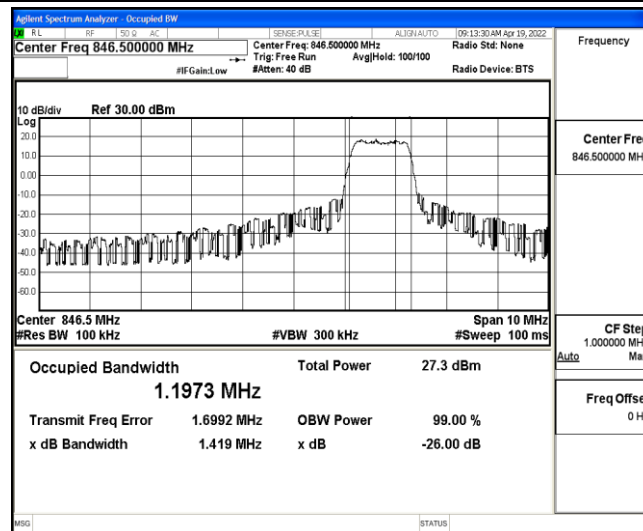
Band5-3MHz-16QAM-20635-6-0-High-1.1262-1.331-PASS



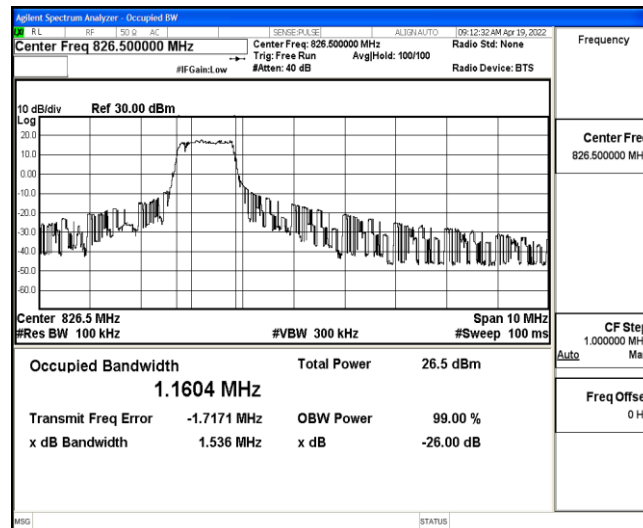
Band5-5MHz-QPSK-20425-6-0-Low-1.1787-1.422-PASS



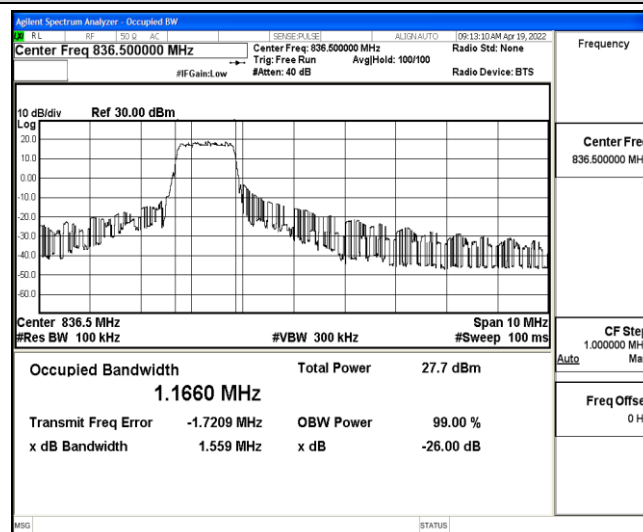
Band5-5MHz-QPSK-20525-6-0-Low-1.1662-1.570-PASS



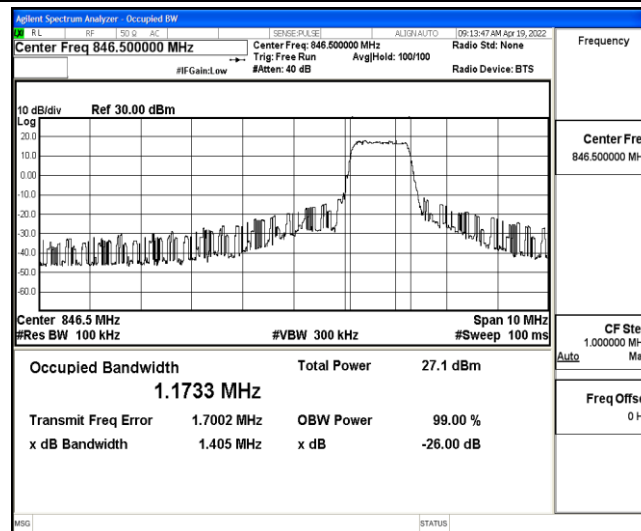
Band5-5MHz-QPSK-20625-6-0-High-1.1973-1.419-PASS



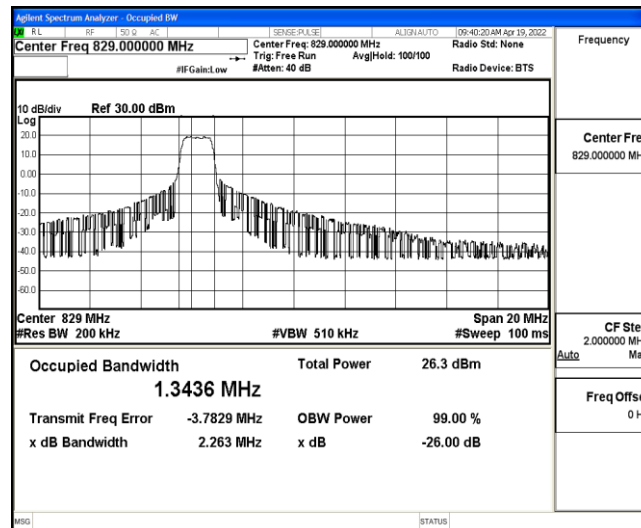
Band5-5MHz-16QAM-20425-6-0-Low-1.1604-1.536-PASS



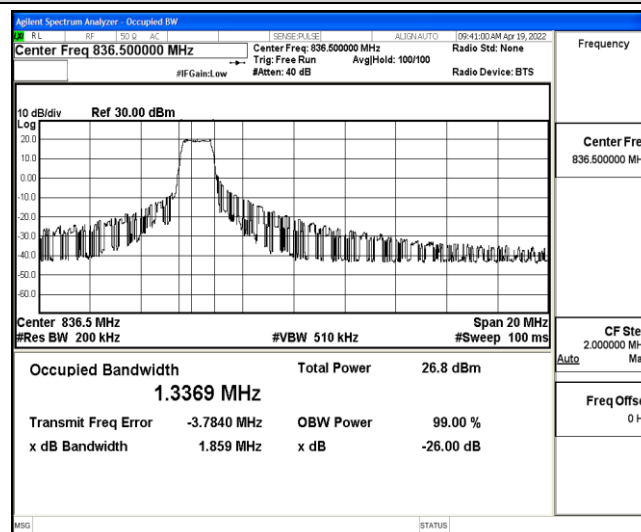
Band5-5MHz-16QAM-20525-6-0-Low-1.1660-1.559-PASS



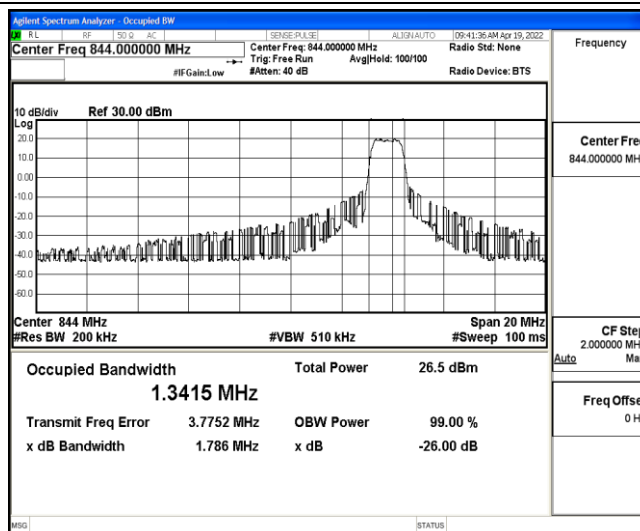
Band5-5MHz-16QAM-20625-6-0-High-1.1733-1.405-PASS



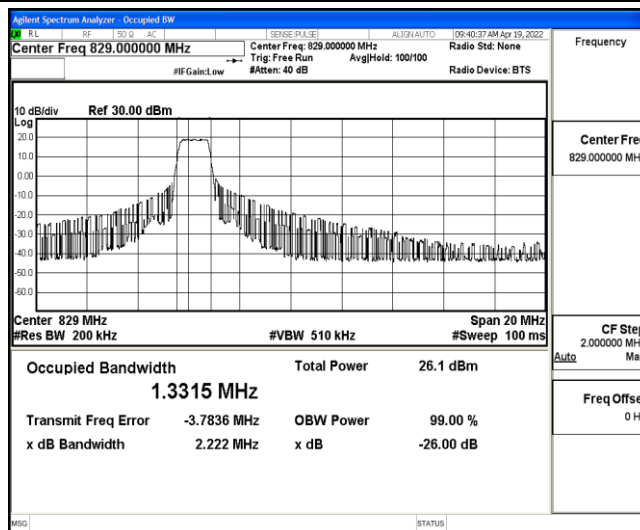
Band5-10MHz-QPSK-20450-6-0-Low-1.3436-2.263-PASS



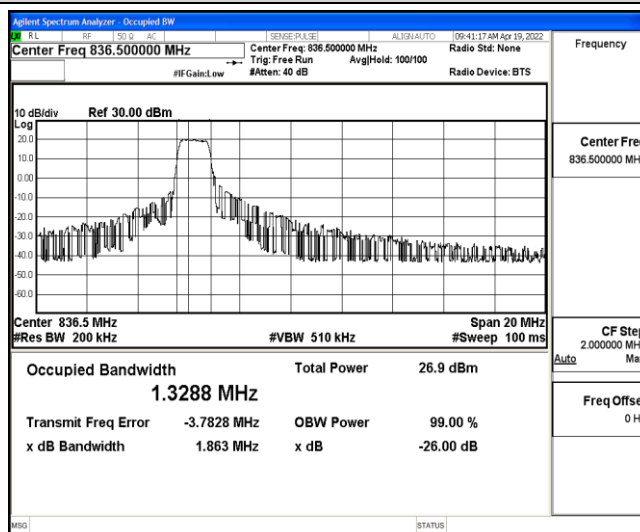
Band5-10MHz-QPSK-20525-6-0-Low-1.3369-1.859-PASS



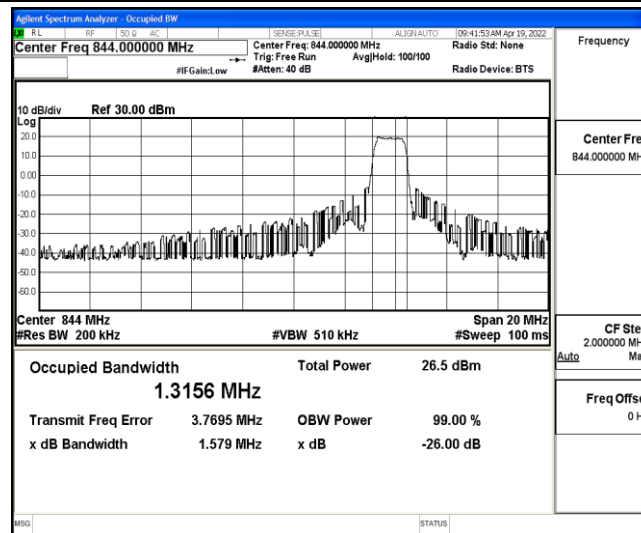
Band5-10MHz-QPSK-20600-6-0-High-1.3415-1.786-PASS



Band5-10MHz-16QAM-20450-6-0-Low-1.3315-2.222-PASS



Band5-10MHz-16QAM-20525-6-0-Low-1.3288-1.863-PASS



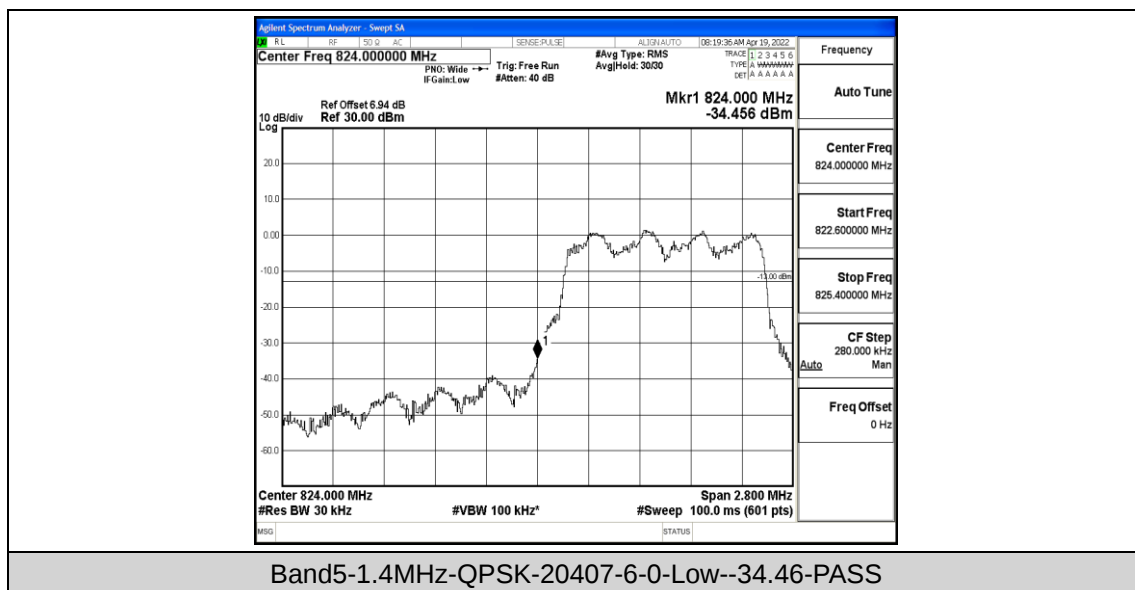
Band5-10MHz-16QAM-20600-6-0-High-1.3156-1.579-PASS

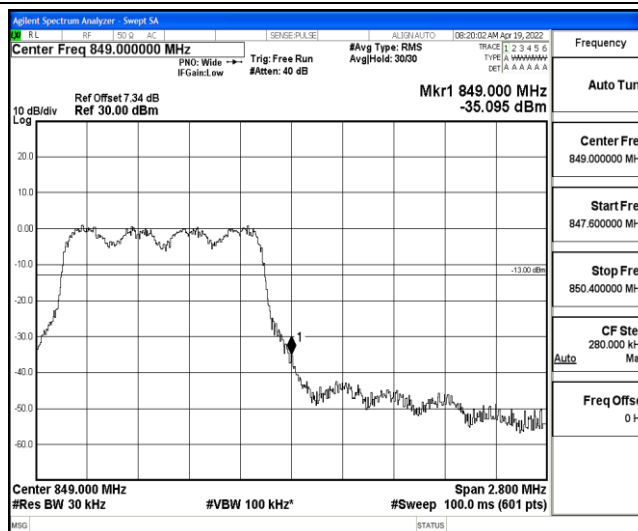
Appendix D: Band Edge for M1

Test Result

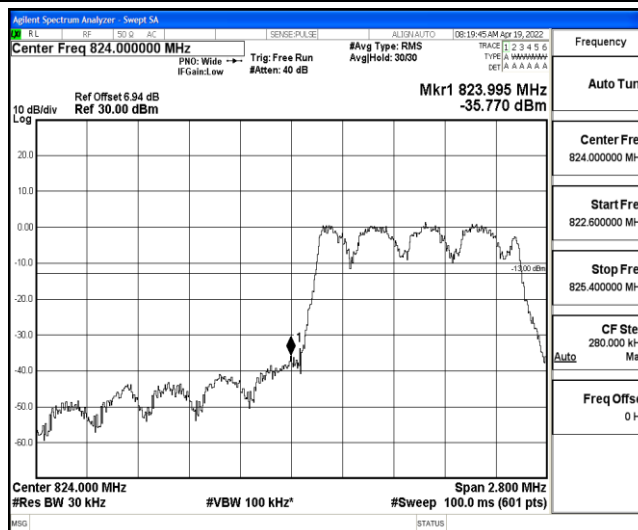
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band5	1.4MHz	20407	QPSK	6	0	Low	-34.46	PASS
Band5	1.4MHz	20643	QPSK	6	0	Low	-35.09	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	-35.77	PASS
Band5	1.4MHz	20643	16QAM	6	0	Low	-38.06	PASS
Band5	3MHz	20415	QPSK	6	0	Low	-37.86	PASS
Band5	3MHz	20635	QPSK	6	0	Low	-47.40	PASS
Band5	3MHz	20415	16QAM	6	0	Low	-40.24	PASS
Band5	3MHz	20635	16QAM	6	0	Low	-46.25	PASS
Band5	5MHz	20425	QPSK	6	0	Low	-35.29	PASS
Band5	5MHz	20625	QPSK	6	0	Low	-51.55	PASS
Band5	5MHz	20425	16QAM	6	0	Low	-34.52	PASS
Band5	5MHz	20625	16QAM	6	0	Low	-50.76	PASS
Band5	10MHz	20450	QPSK	6	0	Low	-34.20	PASS
Band5	10MHz	20600	QPSK	6	0	Low	-51.73	PASS
Band5	10MHz	20450	16QAM	6	0	Low	-35.67	PASS
Band5	10MHz	20600	16QAM	6	0	Low	-51.72	PASS

Test Graphs

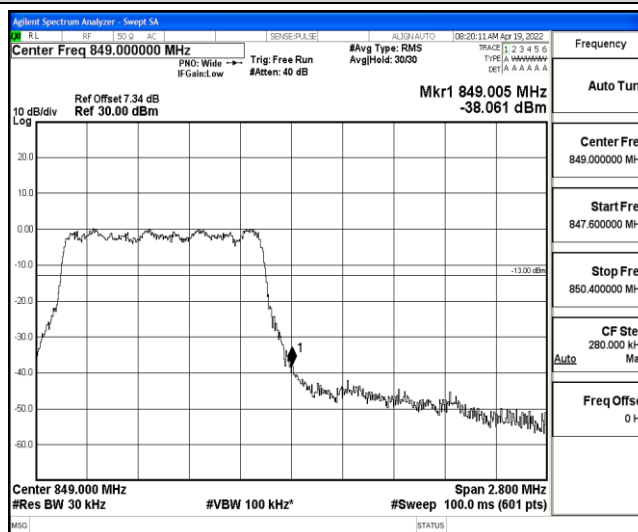




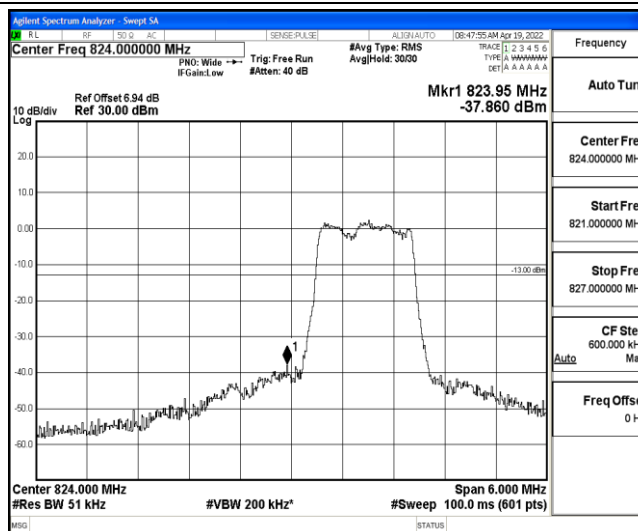
Band5-1.4MHz-QPSK-20643-6-0-Low--35.09-PASS



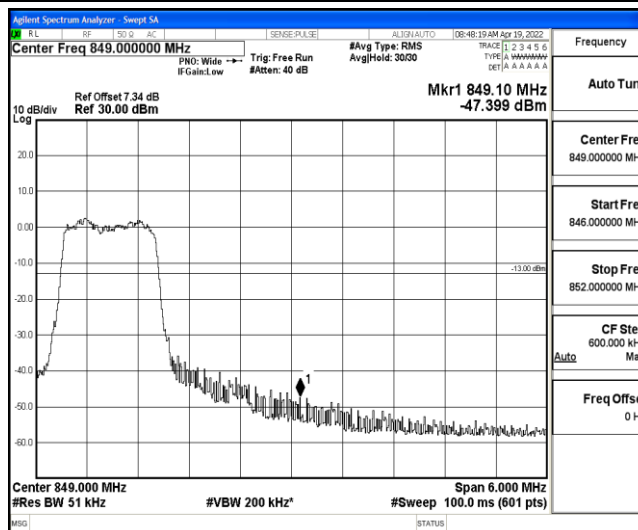
Band5-1.4MHz-16QAM-20407-6-0-Low--35.77-PASS



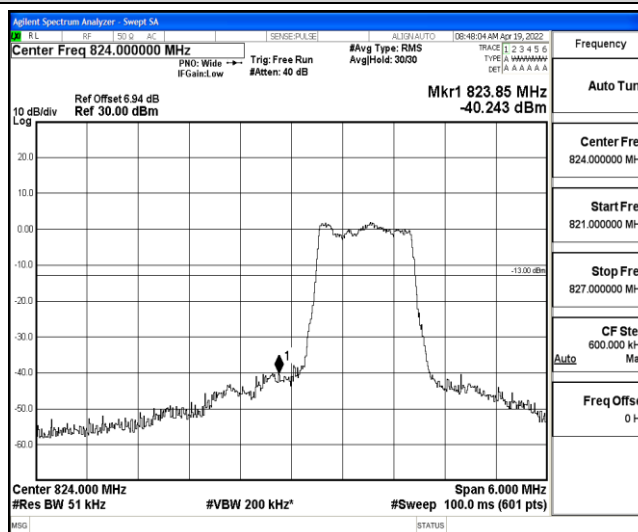
Band5-1.4MHz-16QAM-20643-6-0-Low--38.06-PASS



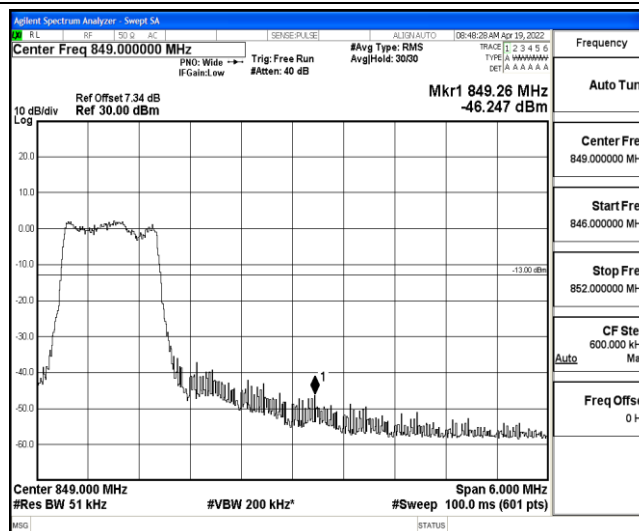
Band5-3MHz-QPSK-20415-6-0-Low--37.86-PASS



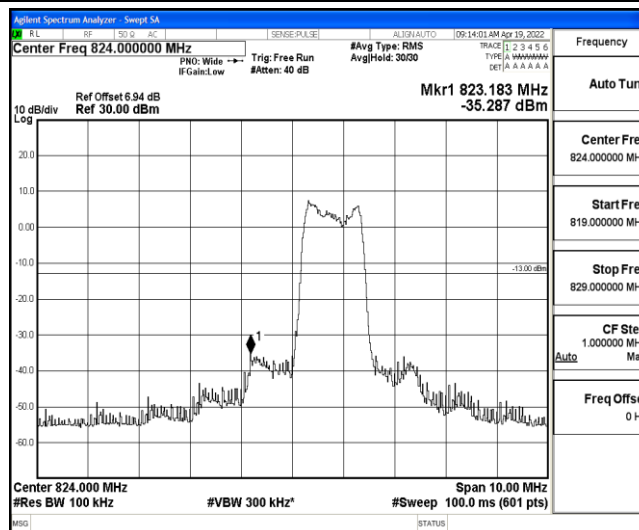
Band5-3MHz-QPSK-20635-6-0-Low--47.40-PASS



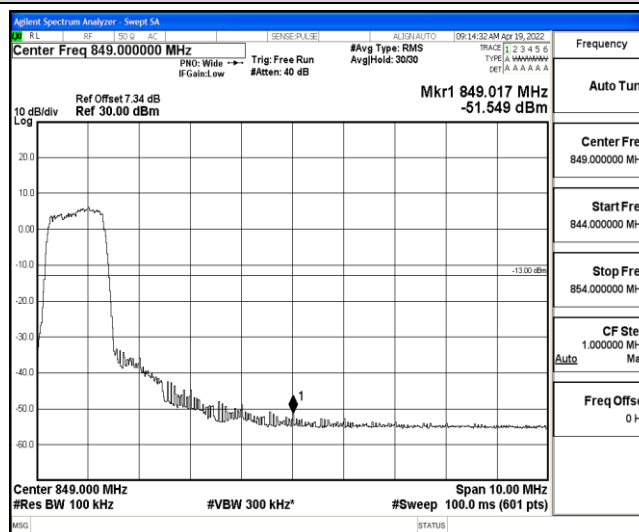
Band5-3MHz-16QAM-20415-6-0-Low--40.24-PASS



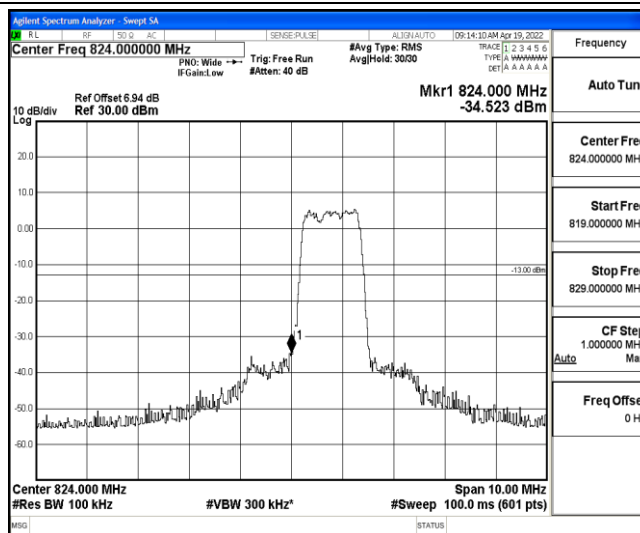
Band5-3MHz-16QAM-20635-6-0-Low--46.25-PASS



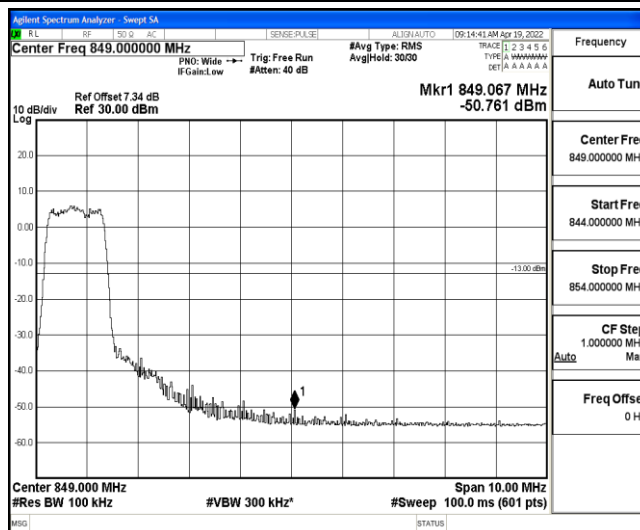
Band5-5MHz-QPSK-20425-6-0-Low--35.29-PASS



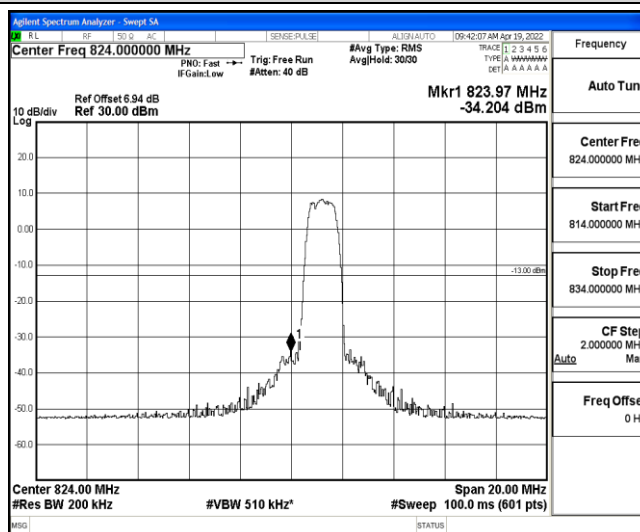
Band5-5MHz-QPSK-20625-6-0-Low--51.55-PASS



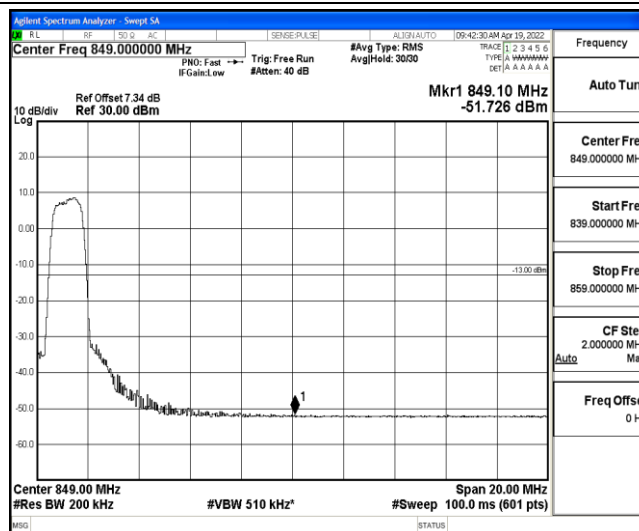
Band5-5MHz-16QAM-20425-6-0-Low--34.52-PASS



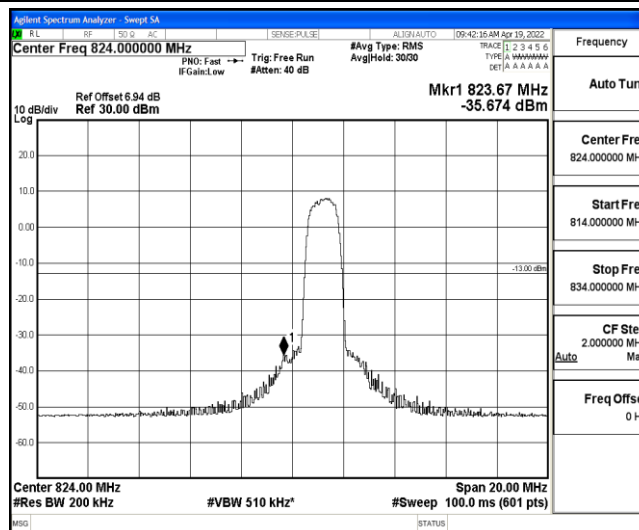
Band5-5MHz-16QAM-20625-6-0-Low--50.76-PASS



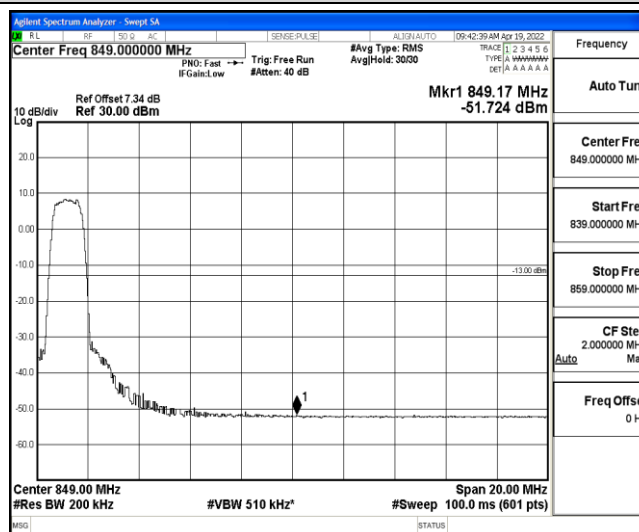
Band5-10MHz-QPSK-20450-6-0-Low--34.20-PASS



Band5-10MHz-QPSK-20600-6-0-Low--51.73-PASS



Band5-10MHz-16QAM-20450-6-0-Low--35.67-PASS



Band5-10MHz-16QAM-20600-6-0-Low--51.72-PASS

Appendix E: Conducted Spurious Emission for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band 5	1.4MHz	20407	QPSK	1	0	Low	30	1000	-38.06	PASS
Band 5	1.4MHz	20407	QPSK	1	0	Low	1000	5000	-43.21	PASS
Band 5	1.4MHz	20407	QPSK	1	0	Low	5000	12000	-59.31	PASS
Band 5	1.4MHz	20407	QPSK	1	0	Low	12000	26500	-44.39	PASS
Band 5	1.4MHz	20525	QPSK	1	0	Low	30	1000	-36.94	PASS
Band 5	1.4MHz	20525	QPSK	1	0	Low	1000	5000	-43.22	PASS
Band 5	1.4MHz	20525	QPSK	1	0	Low	5000	12000	-58.96	PASS
Band 5	1.4MHz	20525	QPSK	1	0	Low	12000	26500	-43.89	PASS
Band 5	1.4MHz	20643	QPSK	1	0	High	30	1000	-36.72	PASS
Band 5	1.4MHz	20643	QPSK	1	0	High	1000	5000	-41.62	PASS
Band 5	1.4MHz	20643	QPSK	1	0	High	5000	12000	-58.67	PASS
Band 5	1.4MHz	20643	QPSK	1	0	High	12000	26500	-44.12	PASS
Band 5	1.4MHz	20407	16QAM	1	0	Low	30	1000	-37.4	PASS
Band 5	1.4MHz	20407	16QAM	1	0	Low	1000	5000	-43.73	PASS
Band 5	1.4MHz	20407	16QAM	1	0	Low	5000	12000	-59.42	PASS
Band 5	1.4MHz	20407	16QAM	1	0	Low	12000	26500	-44.54	PASS
Band 5	1.4MHz	20525	16QAM	1	0	Low	30	1000	-37.42	PASS
Band	1.4MHz	20525	16QAM	1	0	Low	1000	5000	-43.2	PASS

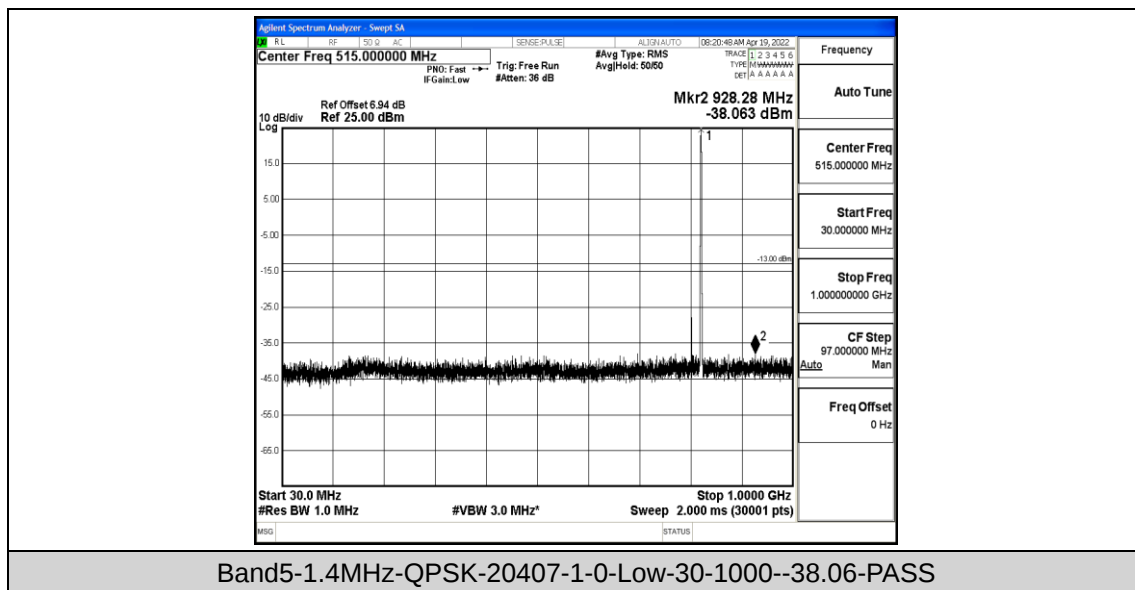
5			M						9	
Band 5	1.4MHz	20525	16QAM	1	0	Low	5000	12000	-58.69	PASS
Band 5	1.4MHz	20525	16QAM	1	0	Low	12000	26500	-44.03	PASS
Band 5	1.4MHz	20643	16QAM	1	0	High	30	1000	-37.38	PASS
Band 5	1.4MHz	20643	16QAM	1	0	High	1000	5000	-41.99	PASS
Band 5	1.4MHz	20643	16QAM	1	0	High	5000	12000	-58.99	PASS
Band 5	1.4MHz	20643	16QAM	1	0	High	12000	26500	-44.23	PASS
Band 5	3MHz	20415	QPSK	1	0	Low	30	1000	-37.79	PASS
Band 5	3MHz	20415	QPSK	1	0	Low	1000	5000	-42.88	PASS
Band 5	3MHz	20415	QPSK	1	0	Low	5000	12000	-59.29	PASS
Band 5	3MHz	20415	QPSK	1	0	Low	12000	26500	-44.49	PASS
Band 5	3MHz	20525	QPSK	1	0	Low	30	1000	-37.11	PASS
Band 5	3MHz	20525	QPSK	1	0	Low	1000	5000	-41.91	PASS
Band 5	3MHz	20525	QPSK	1	0	Low	5000	12000	-58.64	PASS
Band 5	3MHz	20525	QPSK	1	0	Low	12000	26500	-44.21	PASS
Band 5	3MHz	20635	QPSK	1	0	High	30	1000	-37.25	PASS
Band 5	3MHz	20635	QPSK	1	0	High	1000	5000	-41.13	PASS
Band 5	3MHz	20635	QPSK	1	0	High	5000	12000	-58.83	PASS
Band 5	3MHz	20635	QPSK	1	0	High	12000	26500	-44.02	PASS
Band 5	3MHz	20415	16QAM	1	0	Low	30	1000	-36.44	PASS
Band 5	3MHz	20415	16QAM	1	0	Low	1000	5000	-43.38	PASS
Band 5	3MHz	20415	16QAM	1	0	Low	5000	12000	-59.17	PASS

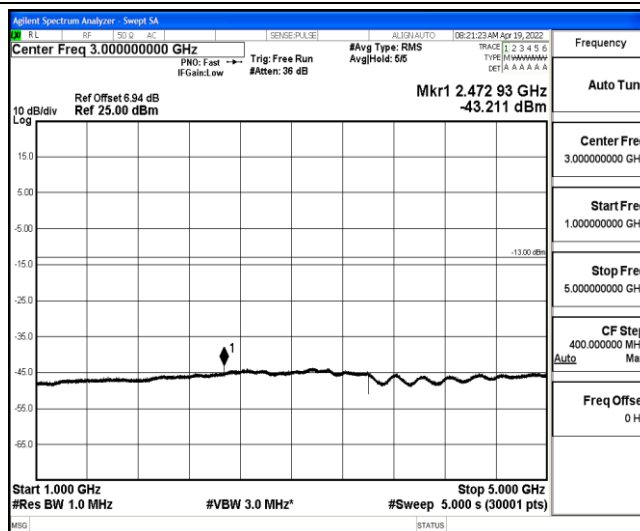
Band 5	3MHz	20415	16QAM	1	0	Low	12000	26500	-44.55	PASS
Band 5	3MHz	20525	16QAM	1	0	Low	30	1000	-36.94	PASS
Band 5	3MHz	20525	16QAM	1	0	Low	1000	5000	-41.77	PASS
Band 5	3MHz	20525	16QAM	1	0	Low	5000	12000	-59	PASS
Band 5	3MHz	20525	16QAM	1	0	Low	12000	26500	-44.3	PASS
Band 5	3MHz	20635	16QAM	1	0	High	30	1000	-37.42	PASS
Band 5	3MHz	20635	16QAM	1	0	High	1000	5000	-42.48	PASS
Band 5	3MHz	20635	16QAM	1	0	High	5000	12000	-58.96	PASS
Band 5	3MHz	20635	16QAM	1	0	High	12000	26500	-44.02	PASS
Band 5	5MHz	20425	QPSK	1	0	Low	30	1000	-37.07	PASS
Band 5	5MHz	20425	QPSK	1	0	Low	1000	5000	-43.44	PASS
Band 5	5MHz	20425	QPSK	1	0	Low	5000	12000	-59.45	PASS
Band 5	5MHz	20425	QPSK	1	0	Low	12000	26500	-44.64	PASS
Band 5	5MHz	20525	QPSK	1	0	Low	30	1000	-36.56	PASS
Band 5	5MHz	20525	QPSK	1	0	Low	1000	5000	-41.8	PASS
Band 5	5MHz	20525	QPSK	1	0	Low	5000	12000	-58.71	PASS
Band 5	5MHz	20525	QPSK	1	0	Low	12000	26500	-44.18	PASS
Band 5	5MHz	20625	QPSK	1	0	High	30	1000	-36.83	PASS
Band 5	5MHz	20625	QPSK	1	0	High	1000	5000	-41.92	PASS
Band 5	5MHz	20625	QPSK	1	0	High	5000	12000	-59.05	PASS
Band 5	5MHz	20625	QPSK	1	0	High	12000	26500	-44.12	PASS
Band 5	5MHz	20425	16QAM	1	0	Low	30	1000	-38.04	PASS

Band 5	5MHz	20425	16QAM	1	0	Low	1000	5000	-43.22	PASS
Band 5	5MHz	20425	16QAM	1	0	Low	5000	12000	-59.3	PASS
Band 5	5MHz	20425	16QAM	1	0	Low	12000	26500	-44.51	PASS
Band 5	5MHz	20525	16QAM	1	0	Low	30	1000	-37.42	PASS
Band 5	5MHz	20525	16QAM	1	0	Low	1000	5000	-41.32	PASS
Band 5	5MHz	20525	16QAM	1	0	Low	5000	12000	-58.98	PASS
Band 5	5MHz	20525	16QAM	1	0	Low	12000	26500	-44.02	PASS
Band 5	5MHz	20625	16QAM	1	0	High	30	1000	-37.59	PASS
Band 5	5MHz	20625	16QAM	1	0	High	1000	5000	-42.1	PASS
Band 5	5MHz	20625	16QAM	1	0	High	5000	12000	-58.81	PASS
Band 5	5MHz	20625	16QAM	1	0	High	12000	26500	-44.24	PASS
Band 5	10MHz	20450	QPSK	1	0	Low	30	1000	-37.58	PASS
Band 5	10MHz	20450	QPSK	1	0	Low	1000	5000	-43.06	PASS
Band 5	10MHz	20450	QPSK	1	0	Low	5000	12000	-59.27	PASS
Band 5	10MHz	20450	QPSK	1	0	Low	12000	26500	-44.69	PASS
Band 5	10MHz	20525	QPSK	1	0	Low	30	1000	-36.98	PASS
Band 5	10MHz	20525	QPSK	1	0	Low	1000	5000	-42.25	PASS
Band 5	10MHz	20525	QPSK	1	0	Low	5000	12000	-58.94	PASS
Band 5	10MHz	20525	QPSK	1	0	Low	12000	26500	-44.08	PASS
Band 5	10MHz	20600	QPSK	1	0	High	30	1000	-37.48	PASS
Band 5	10MHz	20600	QPSK	1	0	High	1000	5000	-41.83	PASS
Band 5	10MHz	20600	QPSK	1	0	High	5000	12000	-58.95	PASS

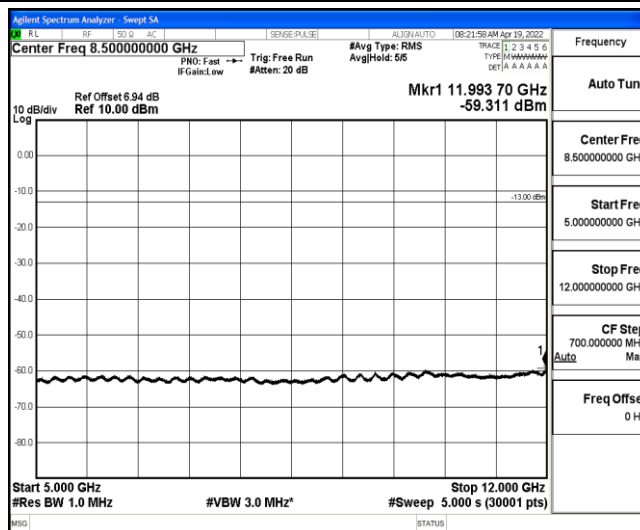
Band 5	10MHz	20600	QPSK	1	0	High	1200 0	2650 0	-44	PASS
Band 5	10MHz	20450	16QAM	1	0	Low	30	1000	-37.2 4	PASS
Band 5	10MHz	20450	16QAM	1	0	Low	1000	5000	-42.8 3	PASS
Band 5	10MHz	20450	16QAM	1	0	Low	5000	1200 0	-59.3 8	PASS
Band 5	10MHz	20450	16QAM	1	0	Low	1200 0	2650 0	-44.4 9	PASS
Band 5	10MHz	20525	16QAM	1	0	Low	30	1000	-36.5 6	PASS
Band 5	10MHz	20525	16QAM	1	0	Low	1000	5000	-41.7 7	PASS
Band 5	10MHz	20525	16QAM	1	0	Low	5000	1200 0	-58.9 4	PASS
Band 5	10MHz	20525	16QAM	1	0	Low	1200 0	2650 0	-44.2 9	PASS
Band 5	10MHz	20600	16QAM	1	0	High	30	1000	-36.3 8	PASS
Band 5	10MHz	20600	16QAM	1	0	High	1000	5000	-42.4 6	PASS
Band 5	10MHz	20600	16QAM	1	0	High	5000	1200 0	-58.8 2	PASS
Band 5	10MHz	20600	16QAM	1	0	High	1200 0	2650 0	-43.9 5	PASS

Test Graphs

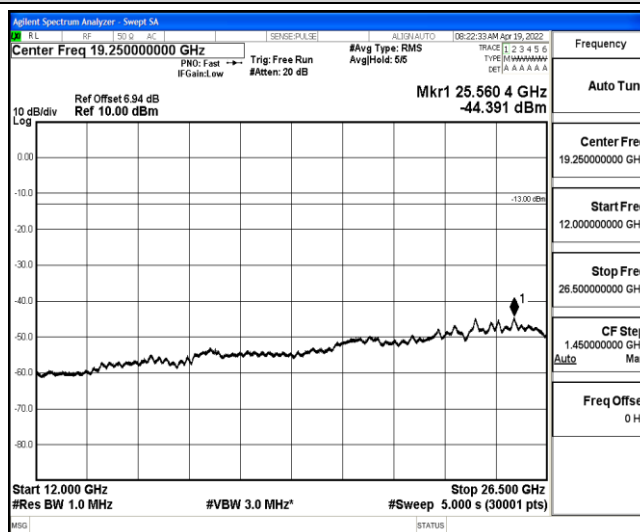




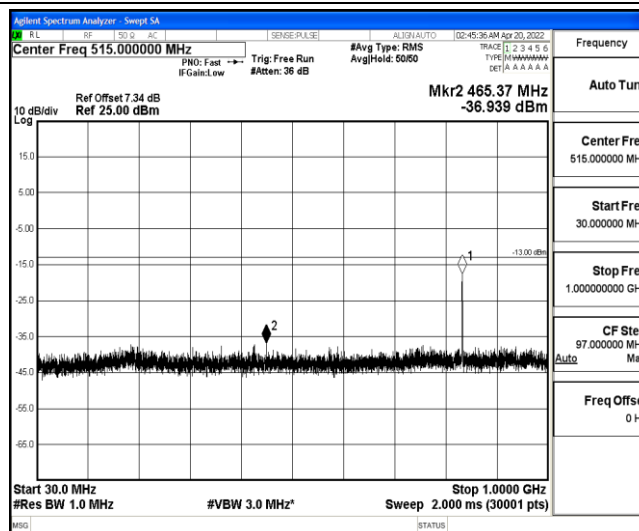
Band5-1.4MHz-QPSK-20407-1-0-Low-1000-5000--43.21-PASS



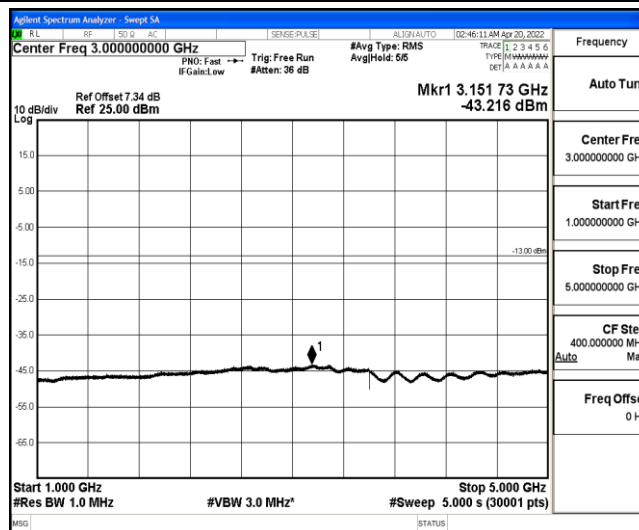
Band5-1.4MHz-QPSK-20407-1-0-Low-5000-12000--59.31-PASS



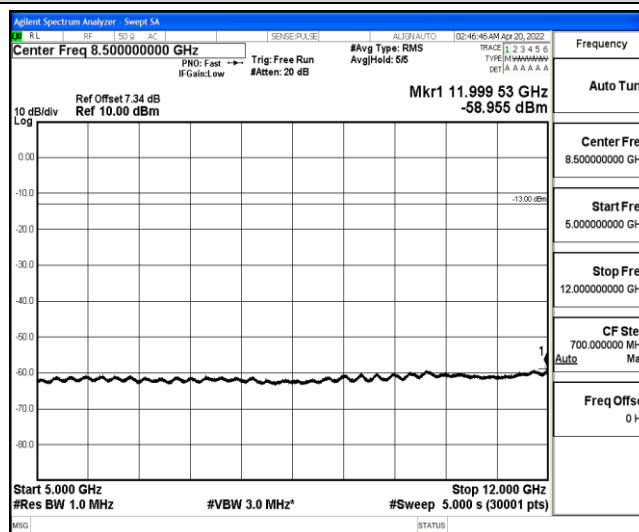
Band5-1.4MHz-QPSK-20407-1-0-Low-12000-26500--44.39-PASS



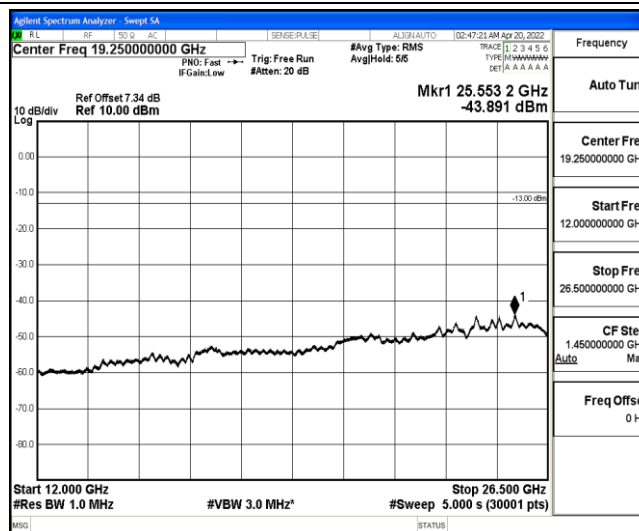
Band5-1.4MHz-QPSK-20525-1-0-Low-30-1000--36.94-PASS



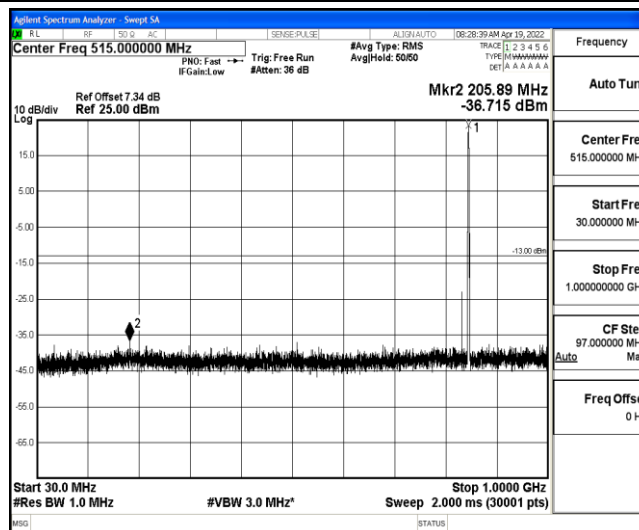
Band5-1.4MHz-QPSK-20525-1-0-Low-1000-5000--43.22-PASS



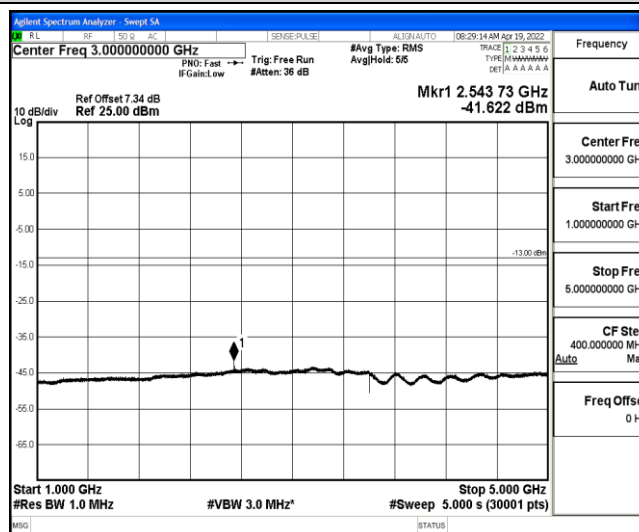
Band5-1.4MHz-QPSK-20525-1-0-Low-5000-12000--58.96-PASS



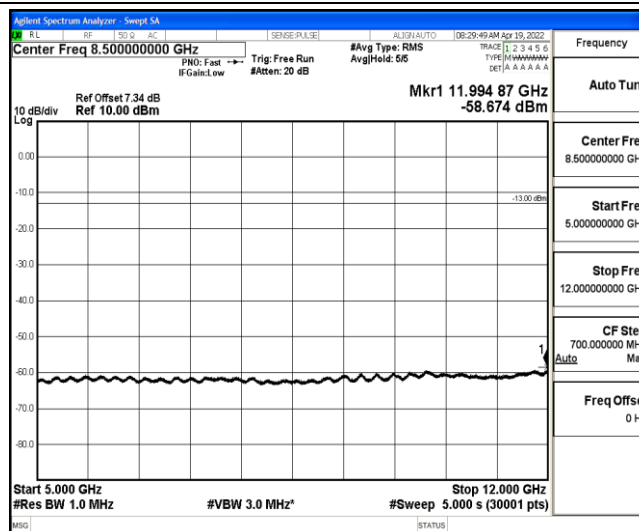
Band5-1.4MHz-QPSK-20525-1-0-Low-12000-26500--43.89-PASS



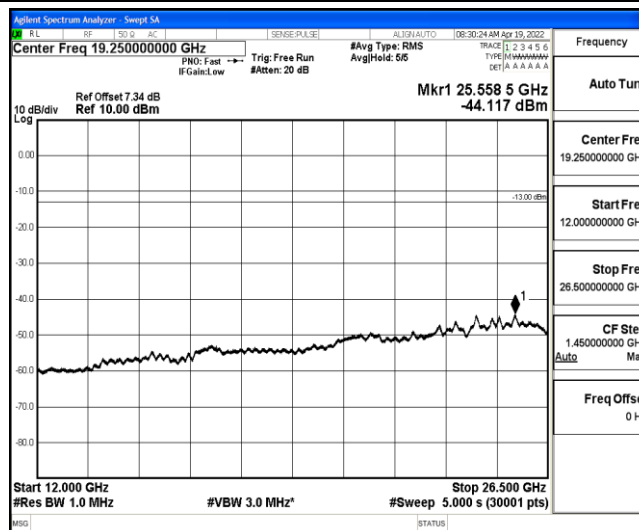
Band5-1.4MHz-QPSK-20643-1-0-High-30-1000--36.72-PASS



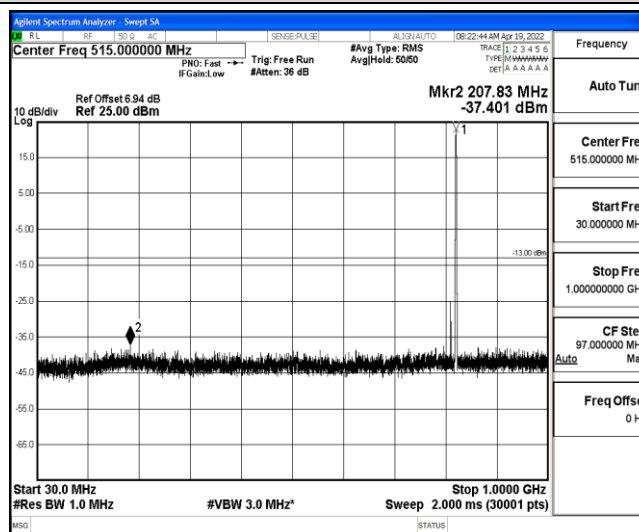
Band5-1.4MHz-QPSK-20643-1-0-High-1000-5000--41.62-PASS



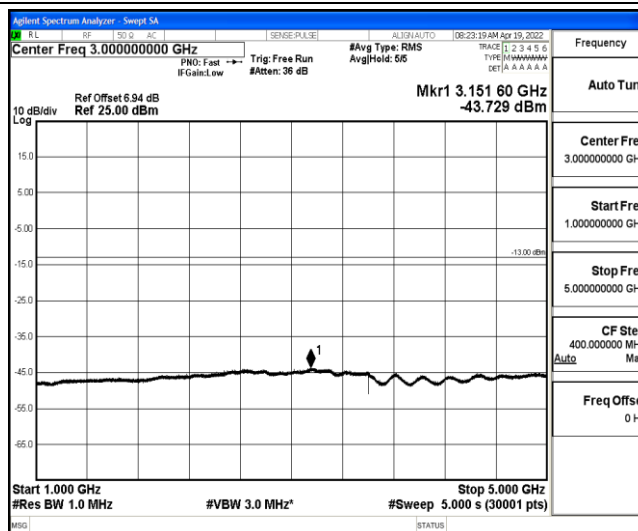
Band5-1.4MHz-QPSK-20643-1-0-High-5000-12000--58.67-PASS



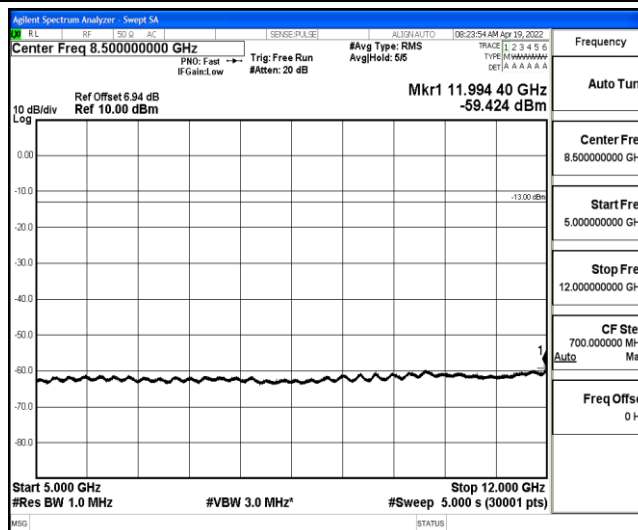
Band5-1.4MHz-QPSK-20643-1-0-High-12000-26500--44.12-PASS



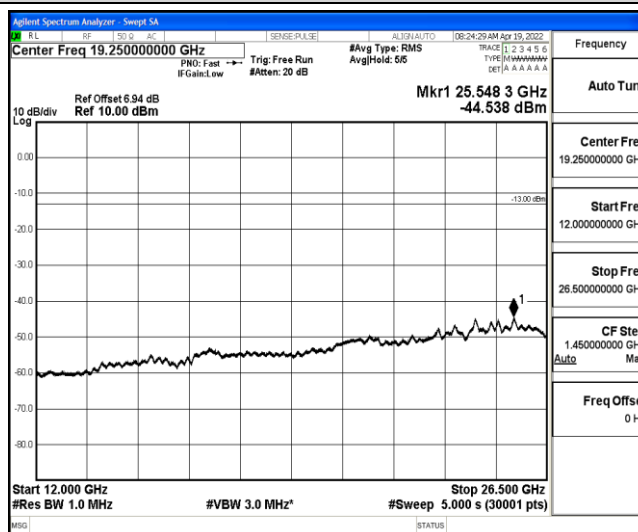
Band5-1.4MHz-16QAM-20407-1-0-Low-30-1000--37.4-PASS



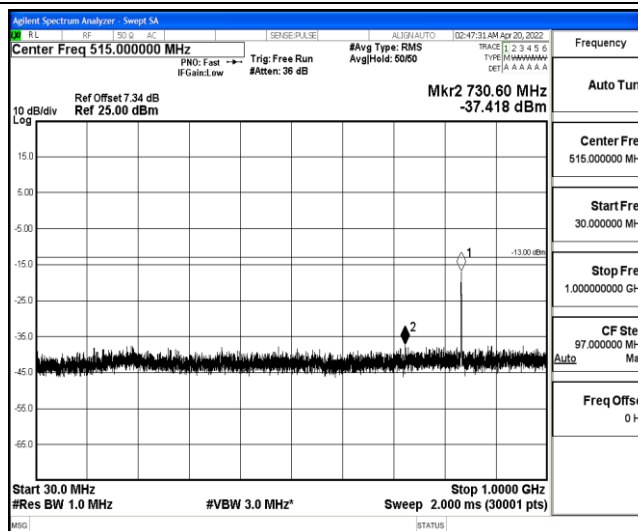
Band5-1.4MHz-16QAM-20407-1-0-Low-1000-5000--43.73-PASS



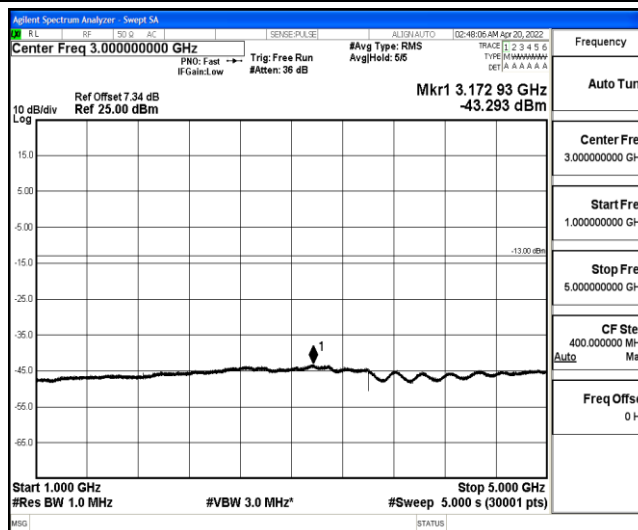
Band5-1.4MHz-16QAM-20407-1-0-Low-5000-12000--59.42-PASS



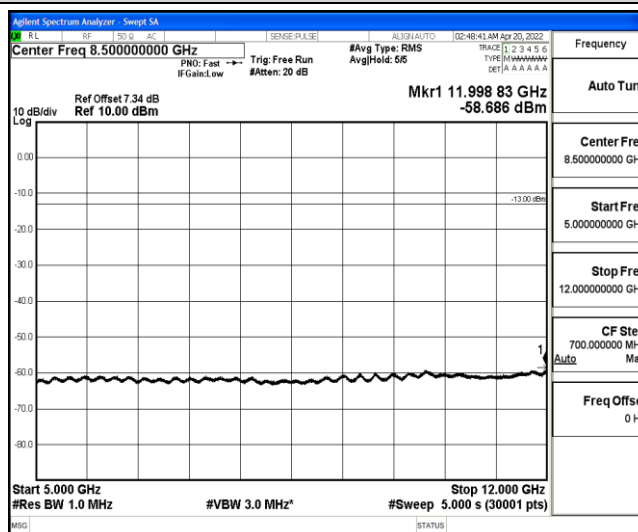
Band5-1.4MHz-16QAM-20407-1-0-Low-12000-26500--44.54-PASS



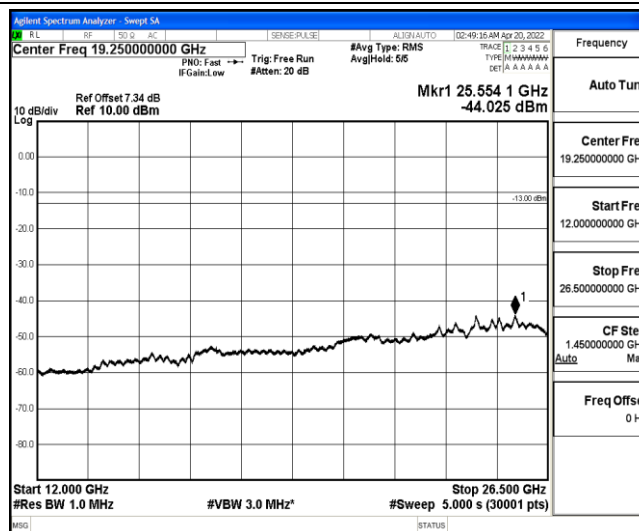
Band5-1.4MHz-16QAM-20525-1-0-Low-30-1000--37.42-PASS



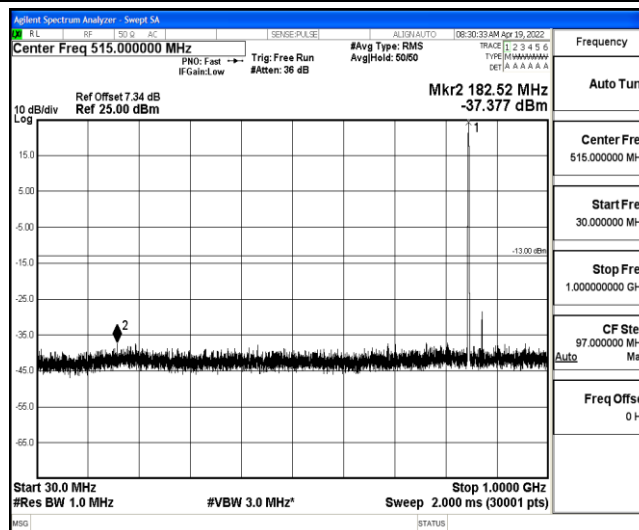
Band5-1.4MHz-16QAM-20525-1-0-Low-1000-5000--43.29-PASS



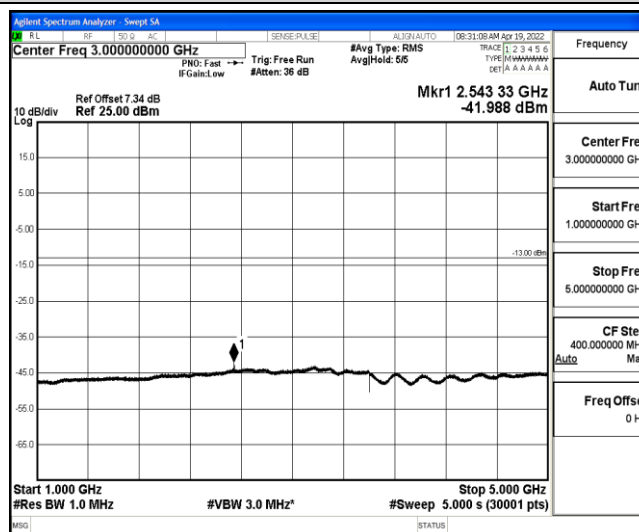
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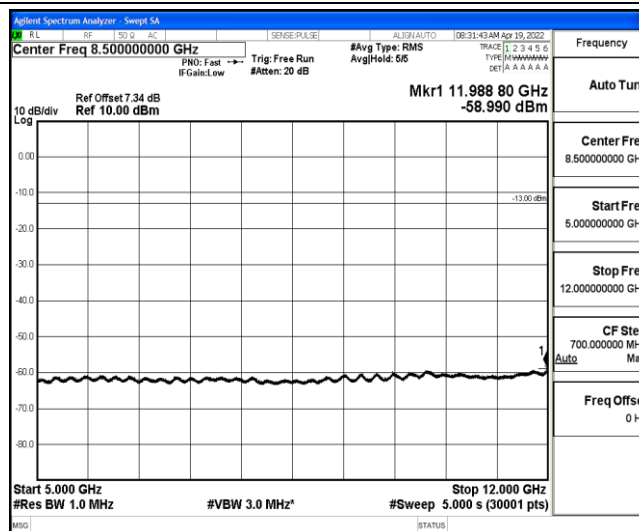
Band5-1.4MHz-16QAM-20525-1-0-Low-12000-26500--44.03-PASS



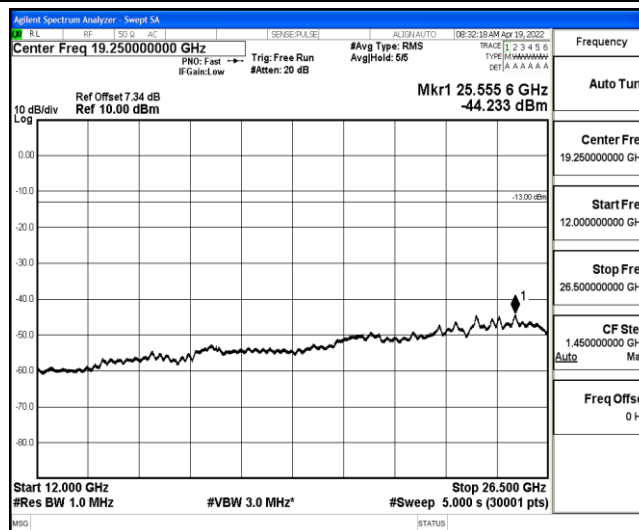
Band5-1.4MHz-16QAM-20643-1-0-High-30-1000--37.38-PASS



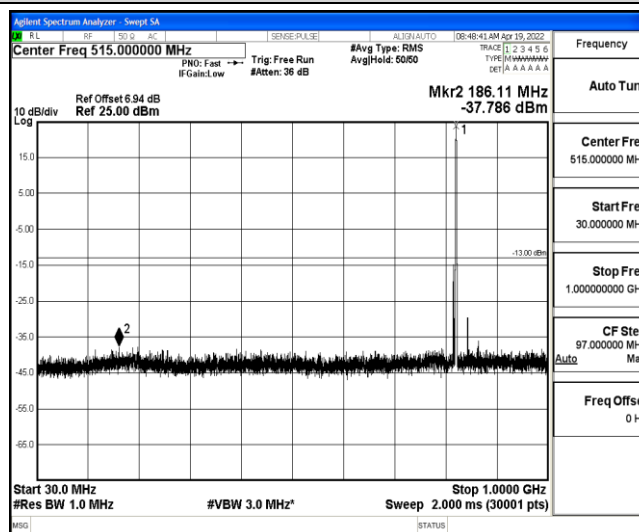
Band5-1.4MHz-16QAM-20643-1-0-High-1000-5000--41.99-PASS



Band5-1.4MHz-16QAM-20643-1-0-High-5000-12000--58.99-PASS



Band5-1.4MHz-16QAM-20643-1-0-High-12000-26500--44.23-PASS



Band5-3MHz-QPSK-20415-1-0-Low-30-1000--37.79-PASS