

Appendix E: Test Data for E-UTRA Band 12

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
Band12	1.4MHz	23017	QPSK	1	0	Low	20.90	PASS
Band12	1.4MHz	23017	QPSK	1	5	Low	20.73	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	18.60	PASS
Band12	1.4MHz	23095	QPSK	1	0	Low	21.08	PASS
Band12	1.4MHz	23095	QPSK	1	5	Low	20.88	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	18.97	PASS
Band12	1.4MHz	23173	QPSK	1	0	High	21.15	PASS
Band12	1.4MHz	23173	QPSK	1	5	High	20.89	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	18.94	PASS
Band12	1.4MHz	23017	16QAM	1	0	Low	19.75	PASS
Band12	1.4MHz	23017	16QAM	1	5	Low	19.62	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	18.78	PASS
Band12	1.4MHz	23095	16QAM	1	0	Low	20.02	PASS
Band12	1.4MHz	23095	16QAM	1	5	Low	19.94	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	19.05	PASS
Band12	1.4MHz	23173	16QAM	1	0	High	20.27	PASS
Band12	1.4MHz	23173	16QAM	1	5	High	20.02	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	19.20	PASS
Band12	3MHz	23025	QPSK	1	0	Low	20.67	PASS
Band12	3MHz	23025	QPSK	1	5	Low	20.61	PASS
Band12	3MHz	23025	QPSK	6	0	Low	18.50	PASS
Band12	3MHz	23095	QPSK	1	0	Low	20.78	PASS
Band12	3MHz	23095	QPSK	1	5	Low	20.79	PASS
Band12	3MHz	23095	QPSK	6	0	Low	18.85	PASS
Band12	3MHz	23165	QPSK	1	0	High	20.98	PASS
Band12	3MHz	23165	QPSK	1	5	High	20.92	PASS
Band12	3MHz	23165	QPSK	6	0	High	18.96	PASS
Band12	3MHz	23025	16QAM	1	0	Low	19.65	PASS
Band12	3MHz	23025	16QAM	1	5	Low	19.55	PASS
Band12	3MHz	23025	16QAM	6	0	Low	18.50	PASS
Band12	3MHz	23095	16QAM	1	0	Low	19.78	PASS
Band12	3MHz	23095	16QAM	1	5	Low	19.76	PASS
Band12	3MHz	23095	16QAM	6	0	Low	18.75	PASS

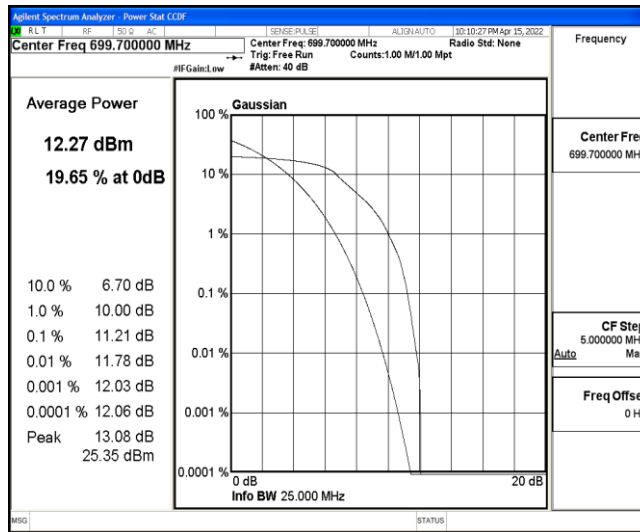
Band12	3MHz	23165	16QAM	1	0	High	20.02	PASS
Band12	3MHz	23165	16QAM	1	5	High	19.87	PASS
Band12	3MHz	23165	16QAM	6	0	High	18.96	PASS
Band12	5MHz	23035	QPSK	1	0	Low	20.45	PASS
Band12	5MHz	23035	QPSK	1	5	Low	20.29	PASS
Band12	5MHz	23035	QPSK	6	0	Low	19.49	PASS
Band12	5MHz	23095	QPSK	1	0	Low	20.59	PASS
Band12	5MHz	23095	QPSK	1	5	Low	20.43	PASS
Band12	5MHz	23095	QPSK	6	0	Low	19.68	PASS
Band12	5MHz	23155	QPSK	1	0	High	20.71	PASS
Band12	5MHz	23155	QPSK	1	5	High	20.59	PASS
Band12	5MHz	23155	QPSK	6	0	High	19.79	PASS
Band12	5MHz	23035	16QAM	1	0	Low	20.45	PASS
Band12	5MHz	23035	16QAM	1	5	Low	20.48	PASS
Band12	5MHz	23035	16QAM	6	0	Low	19.57	PASS
Band12	5MHz	23095	16QAM	1	0	Low	20.53	PASS
Band12	5MHz	23095	16QAM	1	5	Low	20.50	PASS
Band12	5MHz	23095	16QAM	6	0	Low	19.68	PASS
Band12	5MHz	23155	16QAM	1	0	High	20.69	PASS
Band12	5MHz	23155	16QAM	1	5	High	20.70	PASS
Band12	5MHz	23155	16QAM	6	0	High	19.80	PASS
Band12	10MHz	23060	QPSK	1	0	Low	20.36	PASS
Band12	10MHz	23060	QPSK	1	5	Low	20.29	PASS
Band12	10MHz	23060	QPSK	6	0	Low	19.48	PASS
Band12	10MHz	23095	QPSK	1	0	Low	20.65	PASS
Band12	10MHz	23095	QPSK	1	5	Low	20.43	PASS
Band12	10MHz	23095	QPSK	6	0	Low	19.69	PASS
Band12	10MHz	23130	QPSK	1	0	High	20.69	PASS
Band12	10MHz	23130	QPSK	1	5	High	20.62	PASS
Band12	10MHz	23130	QPSK	6	0	High	19.81	PASS
Band12	10MHz	23060	16QAM	1	0	Low	20.46	PASS
Band12	10MHz	23060	16QAM	1	5	Low	20.43	PASS
Band12	10MHz	23060	16QAM	6	0	Low	19.56	PASS
Band12	10MHz	23095	16QAM	1	0	Low	20.47	PASS
Band12	10MHz	23095	16QAM	1	5	Low	20.50	PASS
Band12	10MHz	23095	16QAM	6	0	Low	19.70	PASS
Band12	10MHz	23130	16QAM	1	0	High	20.79	PASS
Band12	10MHz	23130	16QAM	1	5	High	20.69	PASS
Band12	10MHz	23130	16QAM	6	0	High	19.81	PASS

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

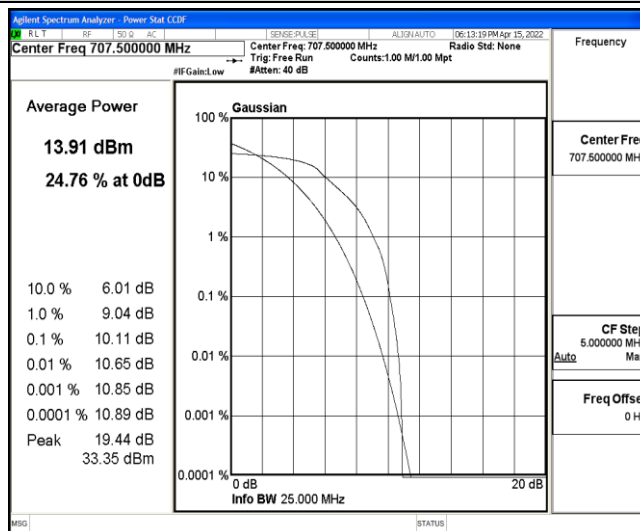
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	11.21	<=13	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	10.11	<=13	PASS
Band12	1.4MHz	23173	QPSK	6	0	Low	9.62	<=13	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	9.28	<=13	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	11.05	<=13	PASS
Band12	1.4MHz	23173	16QAM	6	0	Low	9.62	<=13	PASS
Band12	3MHz	23025	QPSK	6	0	Low	9.03	<=13	PASS
Band12	3MHz	23095	QPSK	6	0	Low	9.44	<=13	PASS
Band12	3MHz	23165	QPSK	6	0	Low	10.80	<=13	PASS
Band12	3MHz	23025	16QAM	6	0	Low	9.05	<=13	PASS
Band12	3MHz	23095	16QAM	6	0	Low	9.45	<=13	PASS
Band12	3MHz	23165	16QAM	6	0	Low	10.34	<=13	PASS
Band12	5MHz	23035	QPSK	6	0	Low	10.57	<=13	PASS
Band12	5MHz	23095	QPSK	6	0	Low	10.37	<=13	PASS
Band12	5MHz	23155	QPSK	6	0	Low	9.69	<=13	PASS
Band12	5MHz	23035	16QAM	6	0	Low	12.26	<=13	PASS
Band12	5MHz	23095	16QAM	6	0	Low	8.39	<=13	PASS
Band12	5MHz	23155	16QAM	6	0	Low	10.09	<=13	PASS
Band12	10MHz	23060	QPSK	6	0	Low	9.71	<=13	PASS
Band12	10MHz	23095	QPSK	6	0	Low	10.57	<=13	PASS
Band12	10MHz	23130	QPSK	6	0	Low	9.58	<=13	PASS
Band12	10MHz	23060	16QAM	6	0	Low	9.62	<=13	PASS
Band12	10MHz	23095	16QAM	6	0	Low	12.29	<=13	PASS
Band12	10MHz	23130	16QAM	6	0	Low	9.31	<=13	PASS

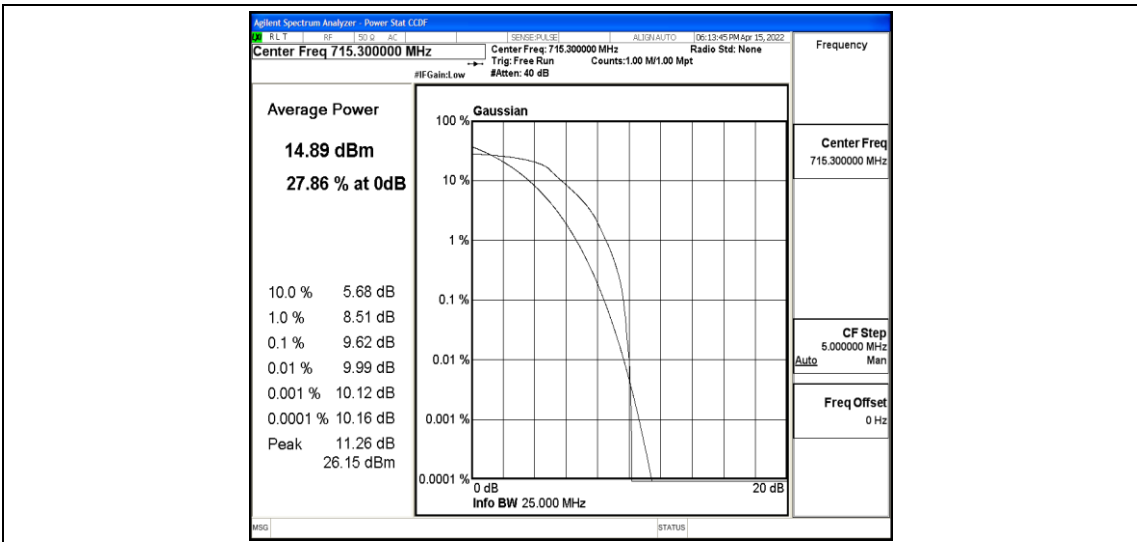
Test Graphs



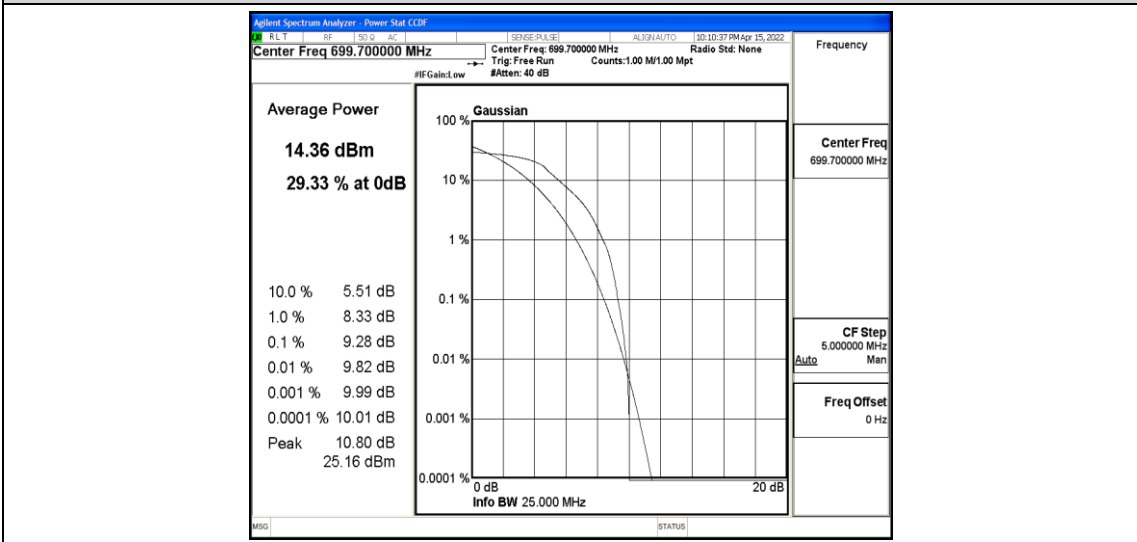
Band12-1.4MHz-QPSK-23017-6-0-Low-11.21-<=13-PASS



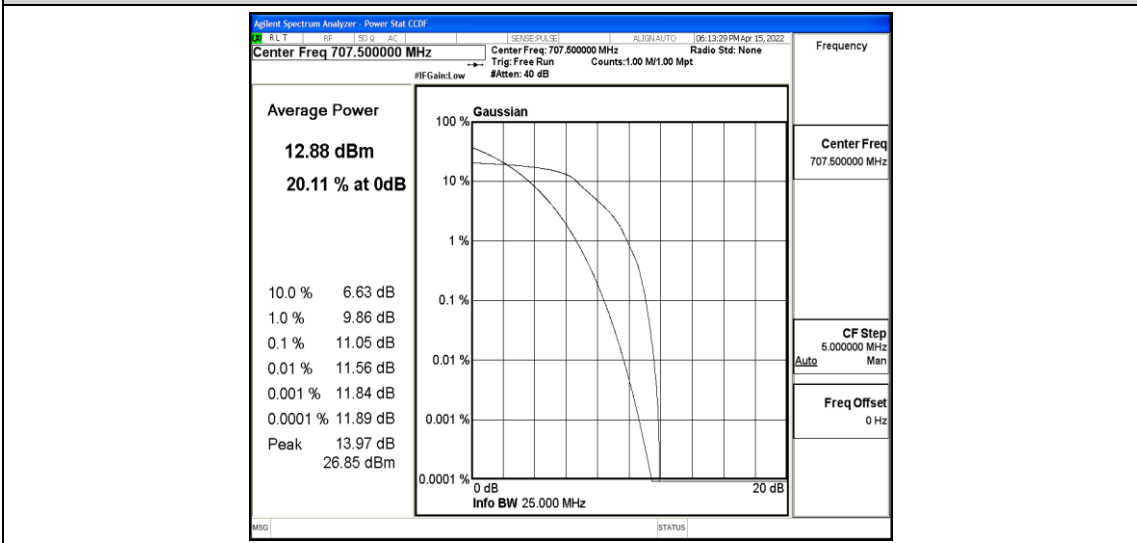
Band12-1.4MHz-QPSK-23095-6-0-Low-10.11-<=13-PASS



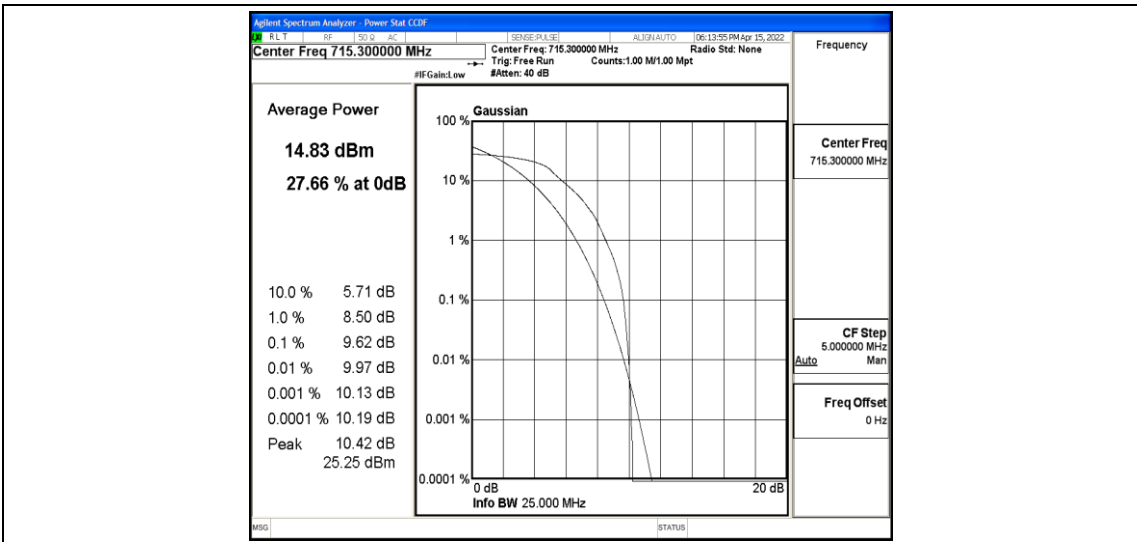
Band12-1.4MHz-QPSK-23173-6-0-Low-9.62-<=13-PASS



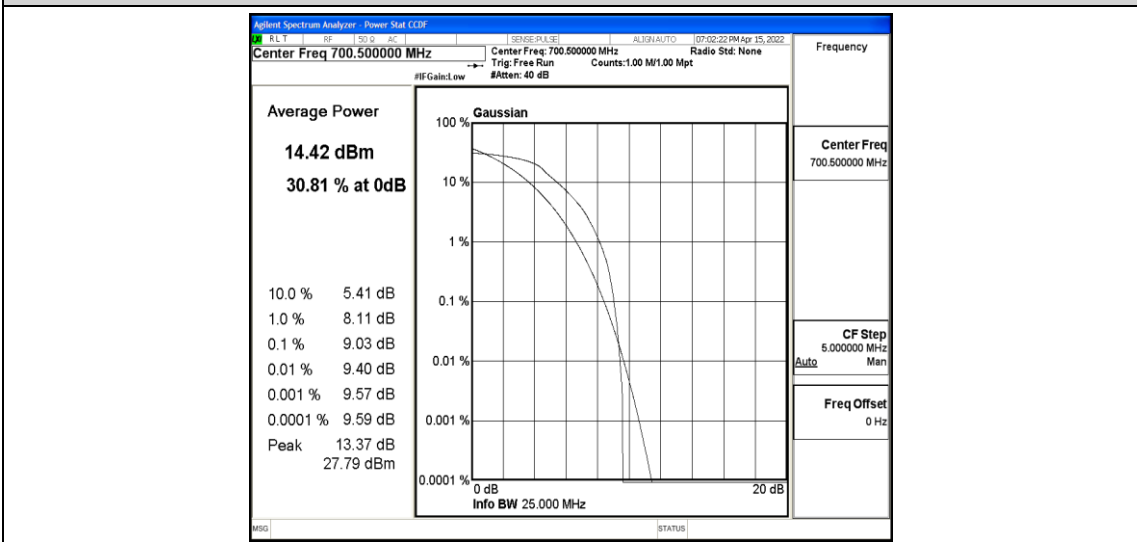
Band12-1.4MHz-16QAM-23017-6-0-Low-9.28-<=13-PASS



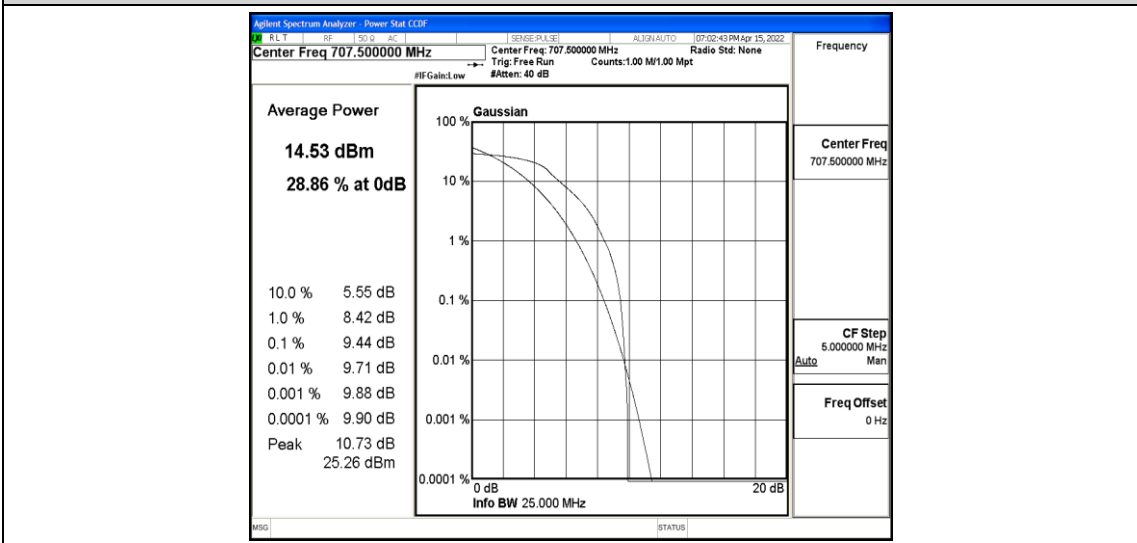
Band12-1.4MHz-16QAM-23095-6-0-Low-11.05-<=13-PASS



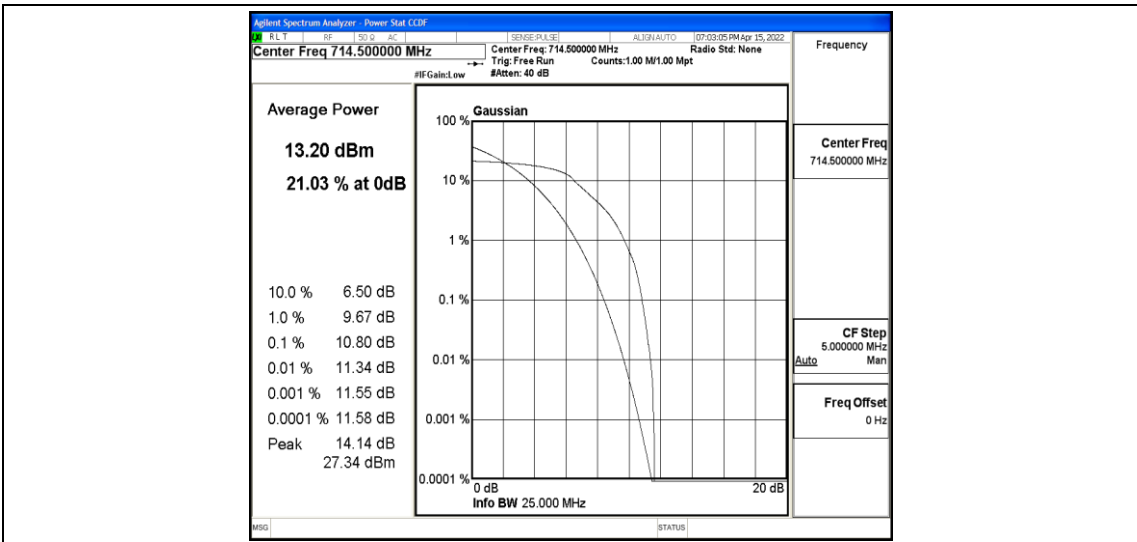
Band12-1.4MHz-16QAM-23173-6-0-Low-9.62-<=13-PASS



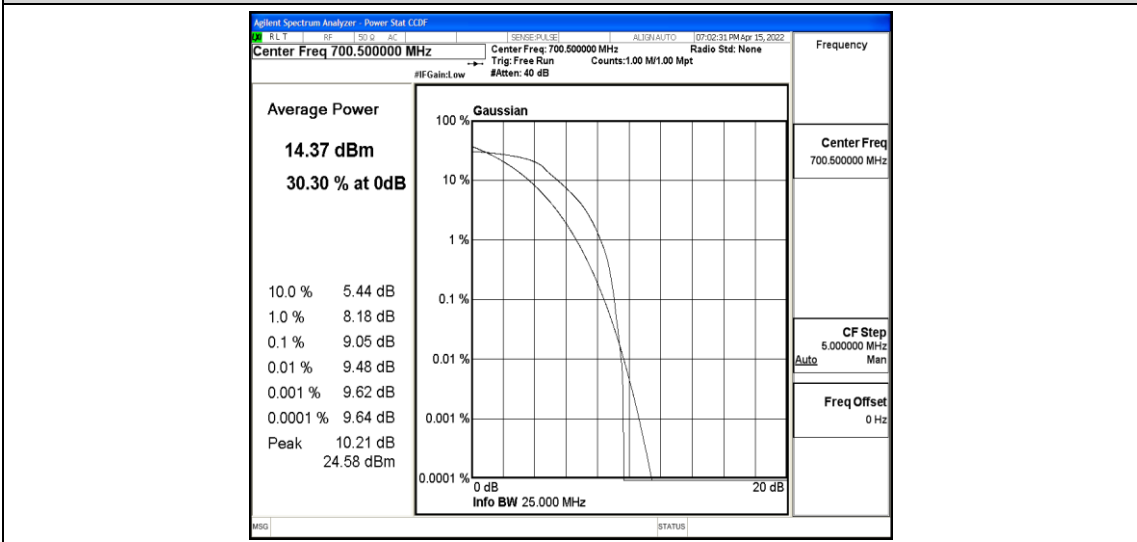
Band12-3MHz-QPSK-23025-6-0-Low-9.03-<=13-PASS



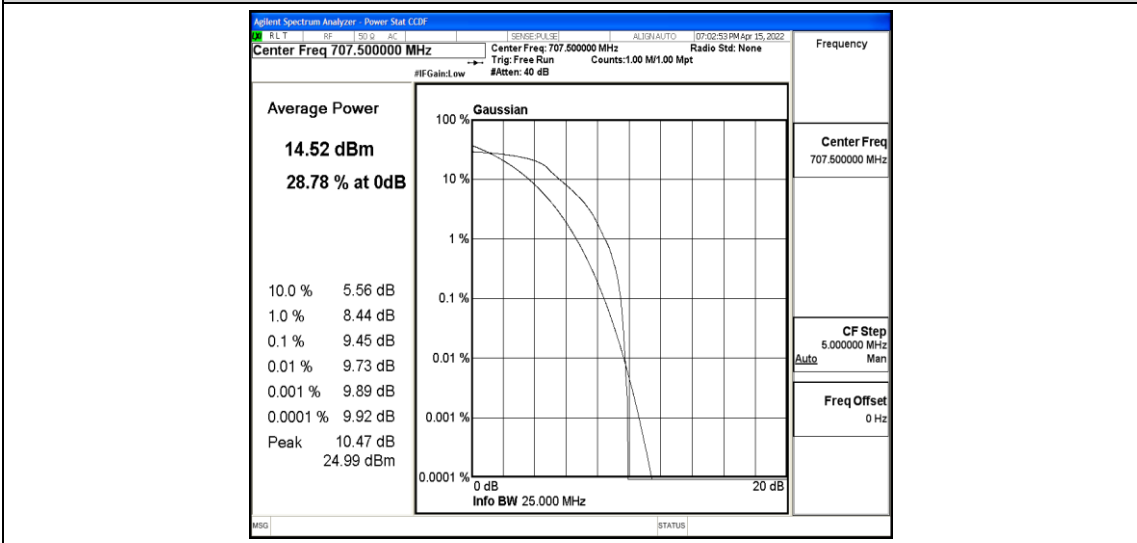
Band12-3MHz-QPSK-23095-6-0-Low-9.44-<=13-PASS



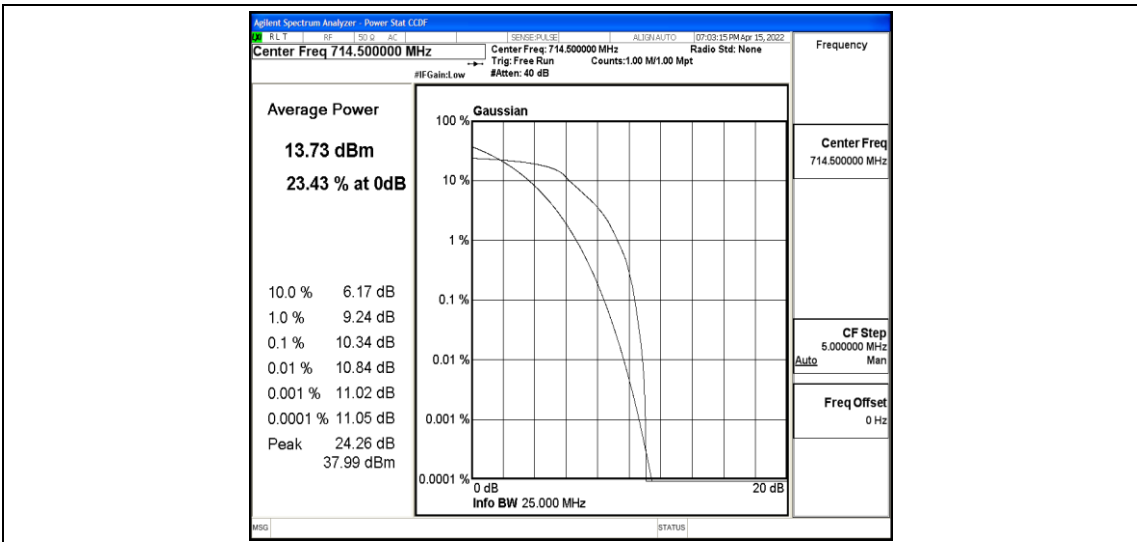
Band12-3MHz-QPSK-23165-6-0-Low-10.80-<=13-PASS



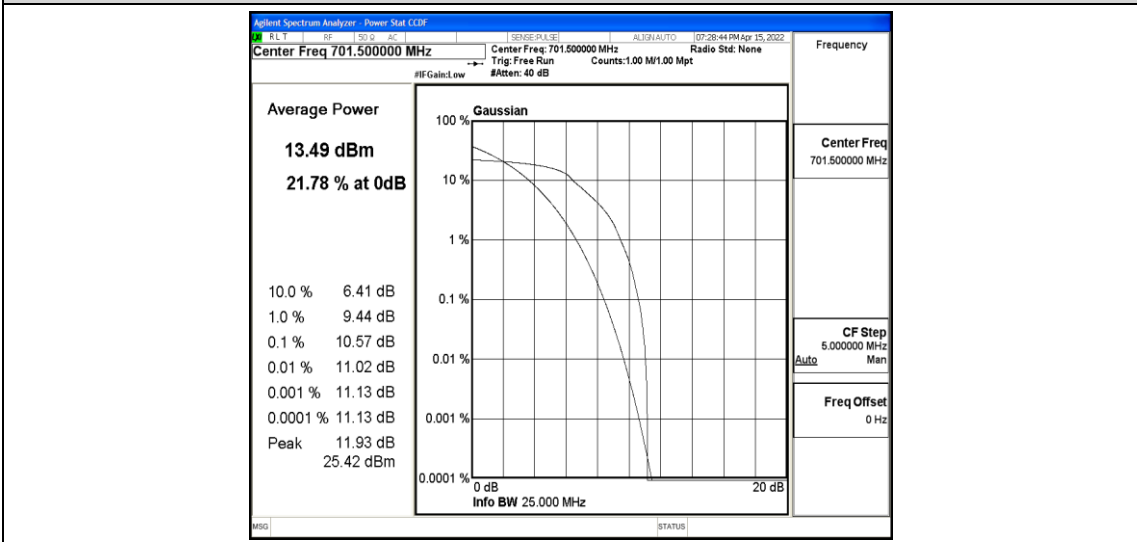
Band12-3MHz-16QAM-23025-6-0-Low-9.05-<=13-PASS



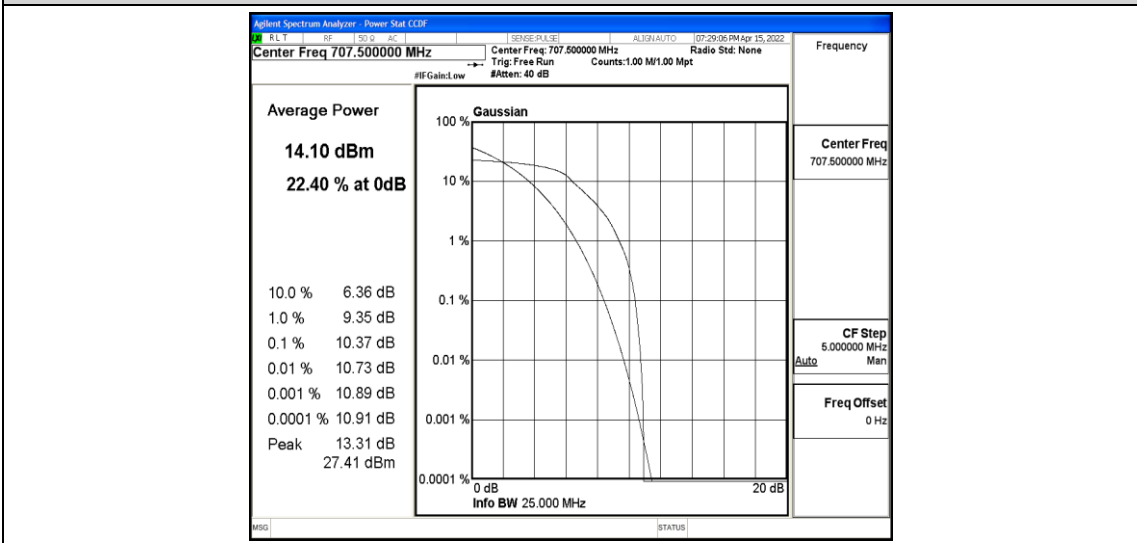
Band12-3MHz-16QAM-23095-6-0-Low-9.45-<=13-PASS



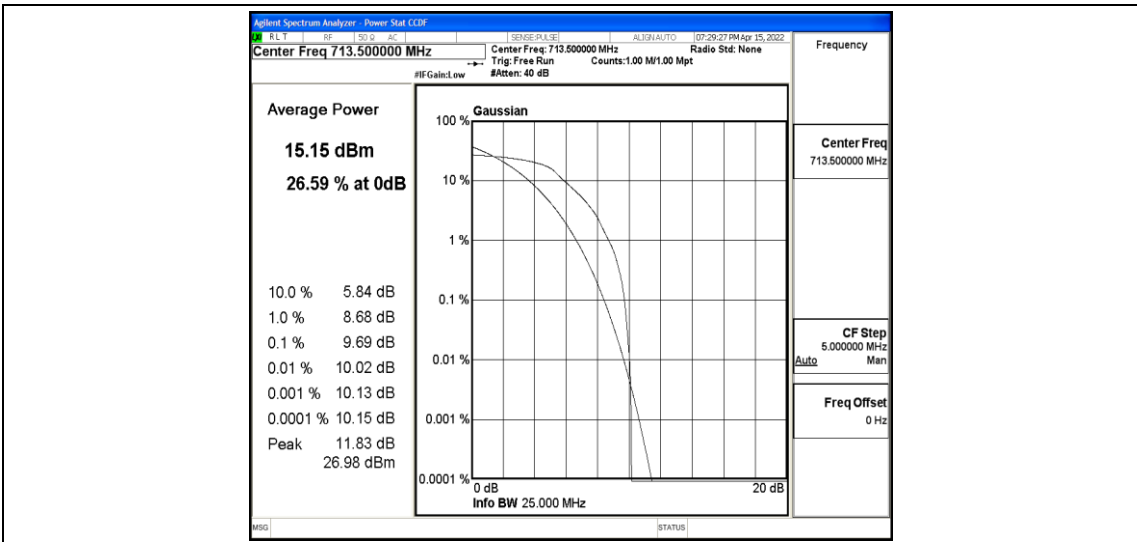
Band12-3MHz-16QAM-23165-6-0-Low-10.34-<=13-PASS



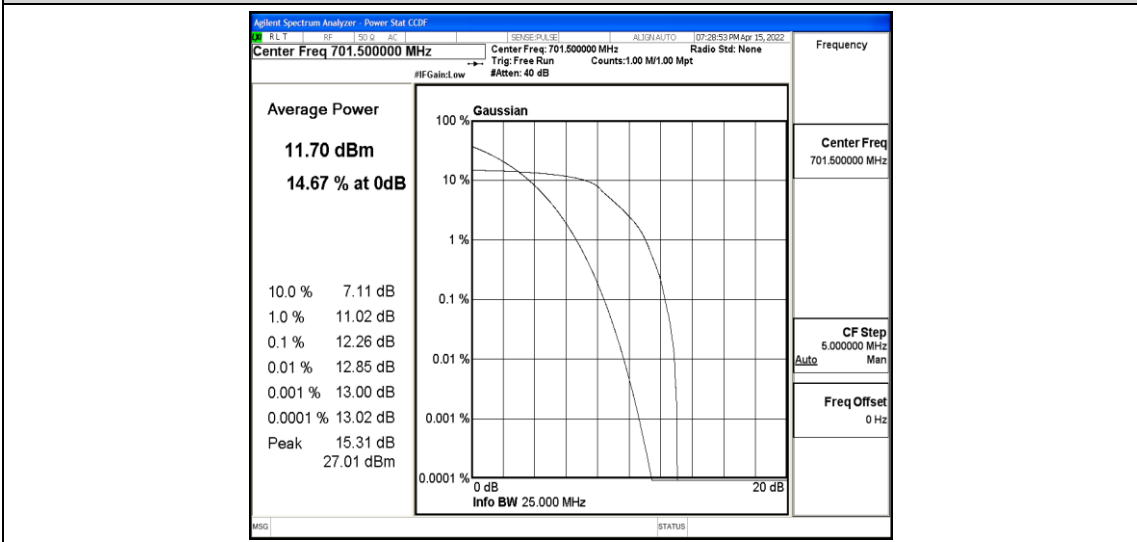
Band12-5MHz-QPSK-23035-6-0-Low-10.57-<=13-PASS



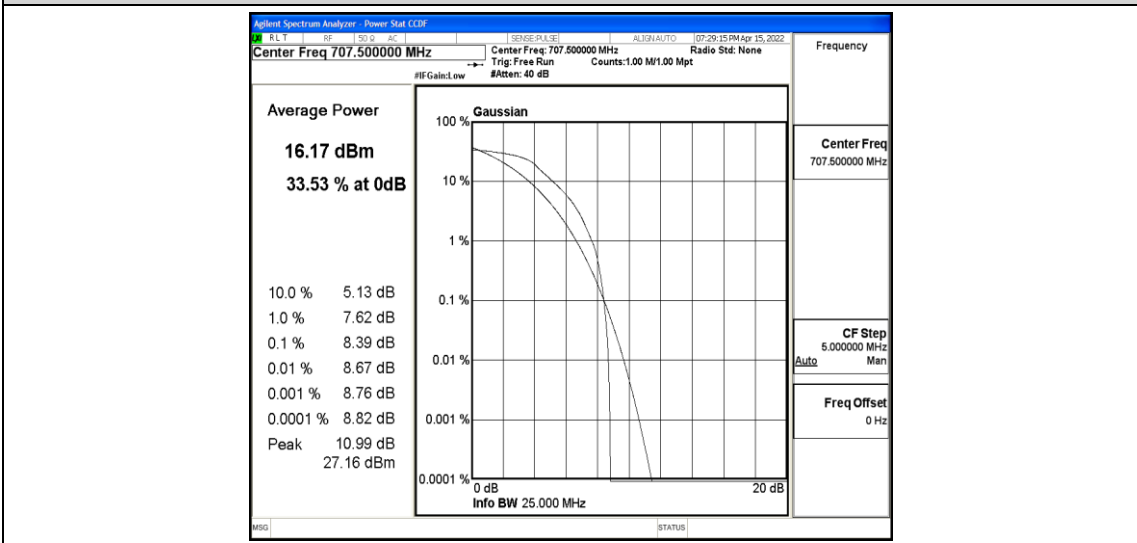
Band12-5MHz-QPSK-23095-6-0-Low-10.37-<=13-PASS



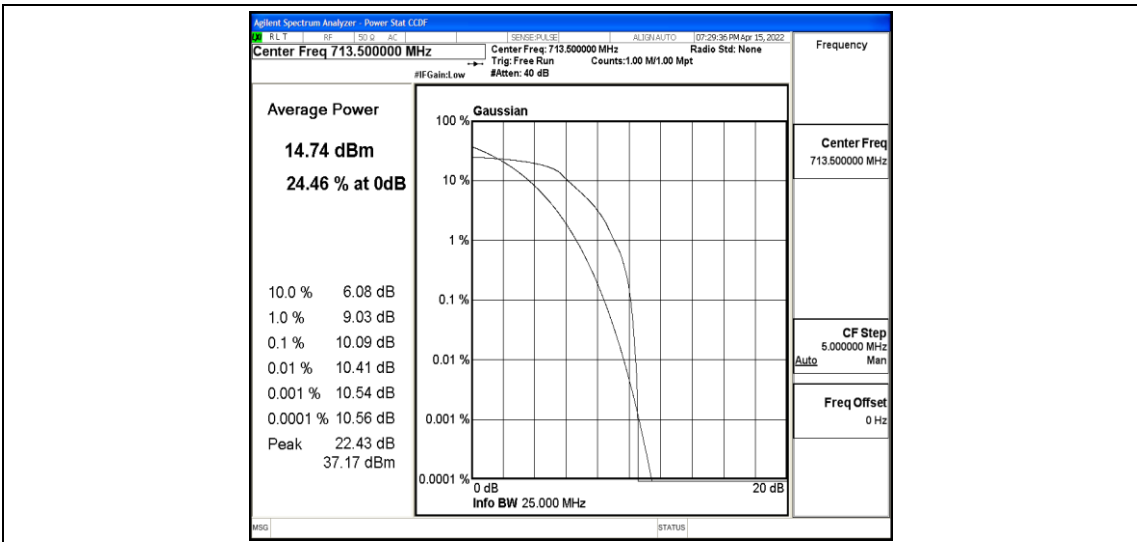
Band12-5MHz-QPSK-23155-6-0-Low-9.69-<=13-PASS



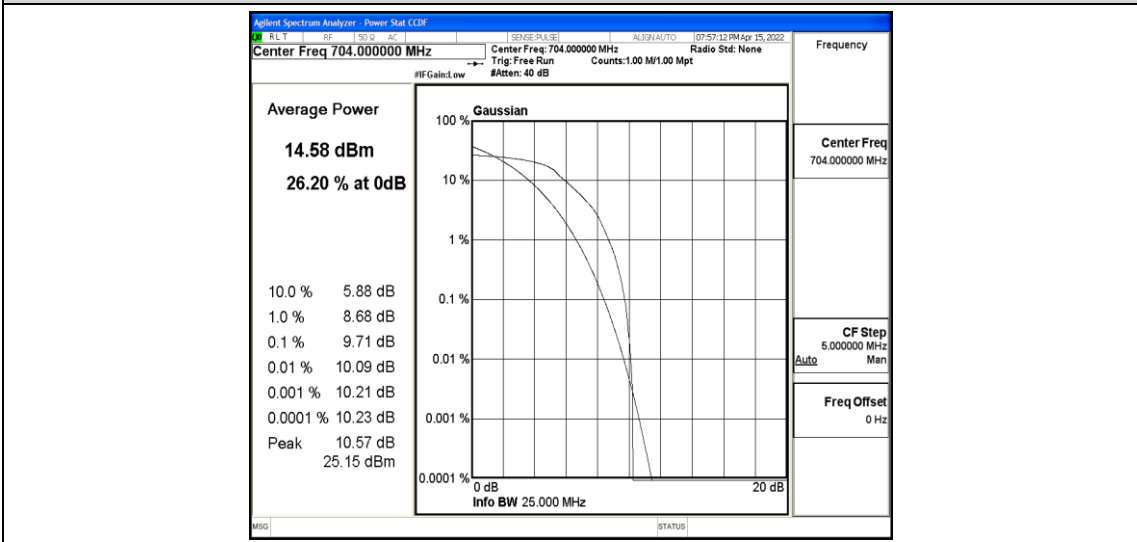
Band12-5MHz-16QAM-23035-6-0-Low-12.26-<=13-PASS



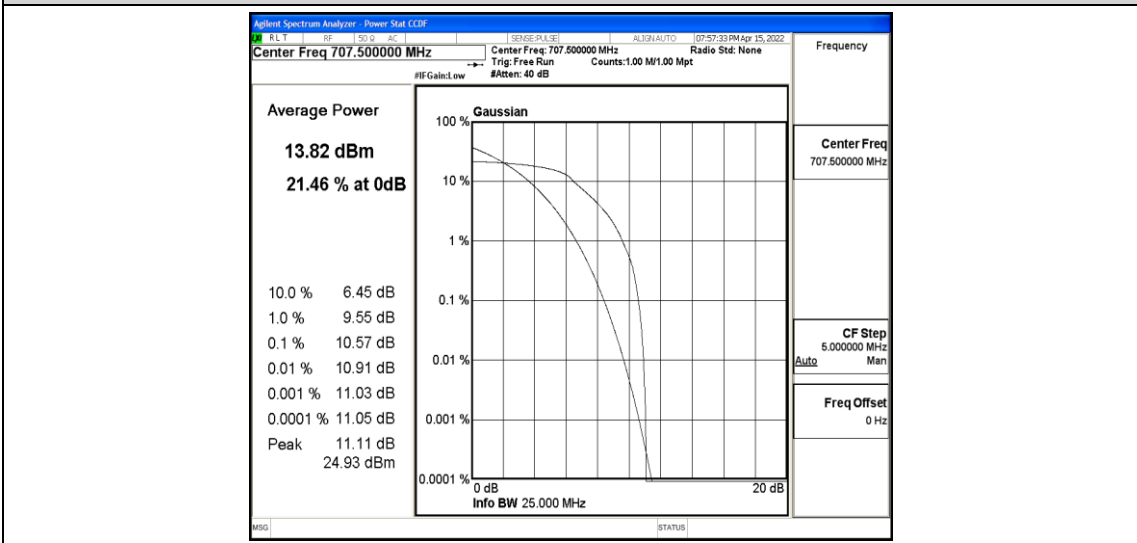
Band12-5MHz-16QAM-23095-6-0-Low-8.39-<=13-PASS



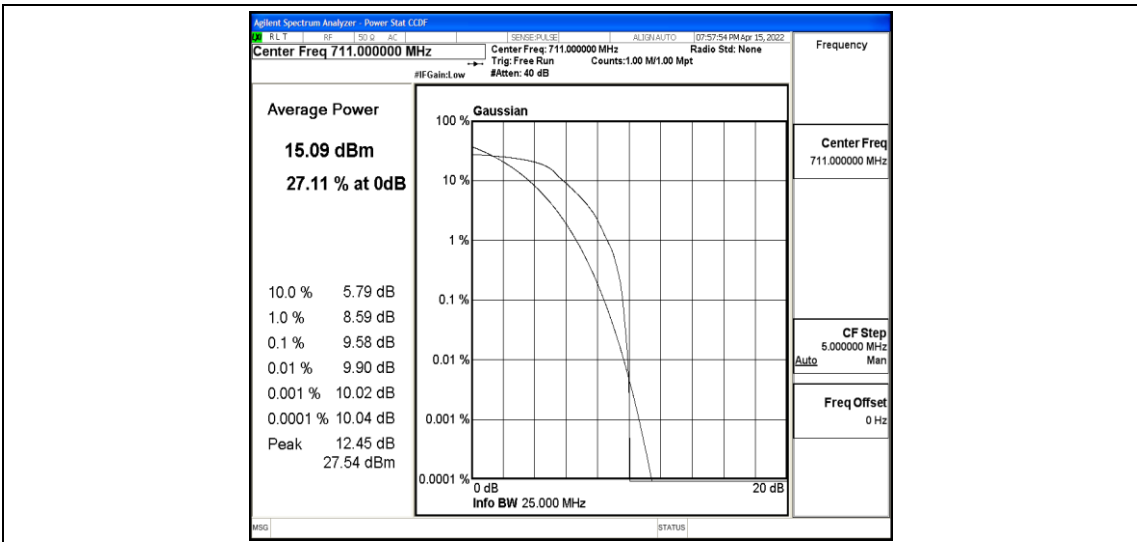
Band12-5MHz-16QAM-23155-6-0-Low-10.09-<=13-PASS



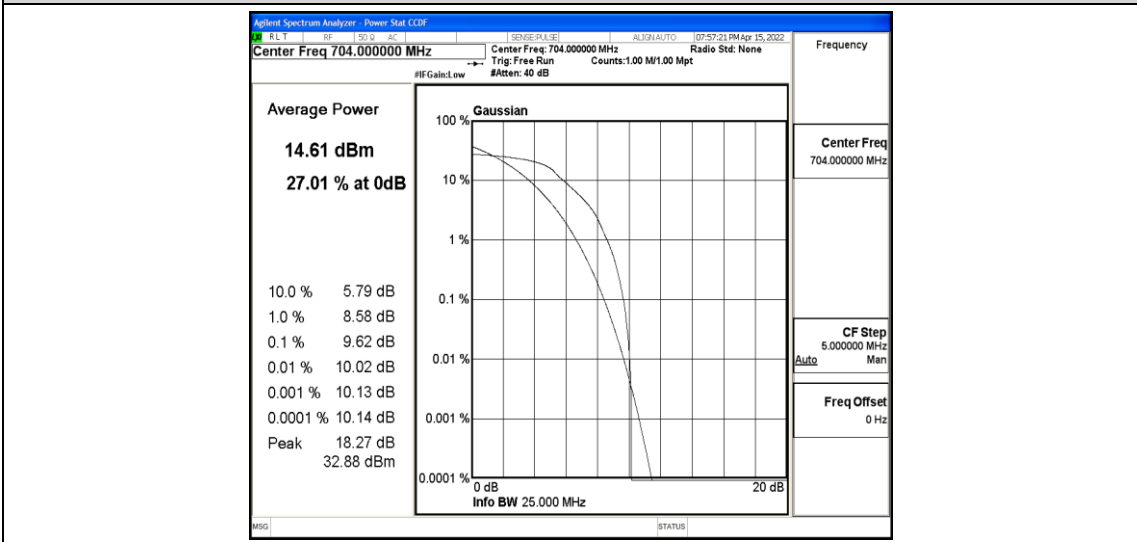
Band12-10MHz-QPSK-23060-6-0-Low-9.71-<=13-PASS



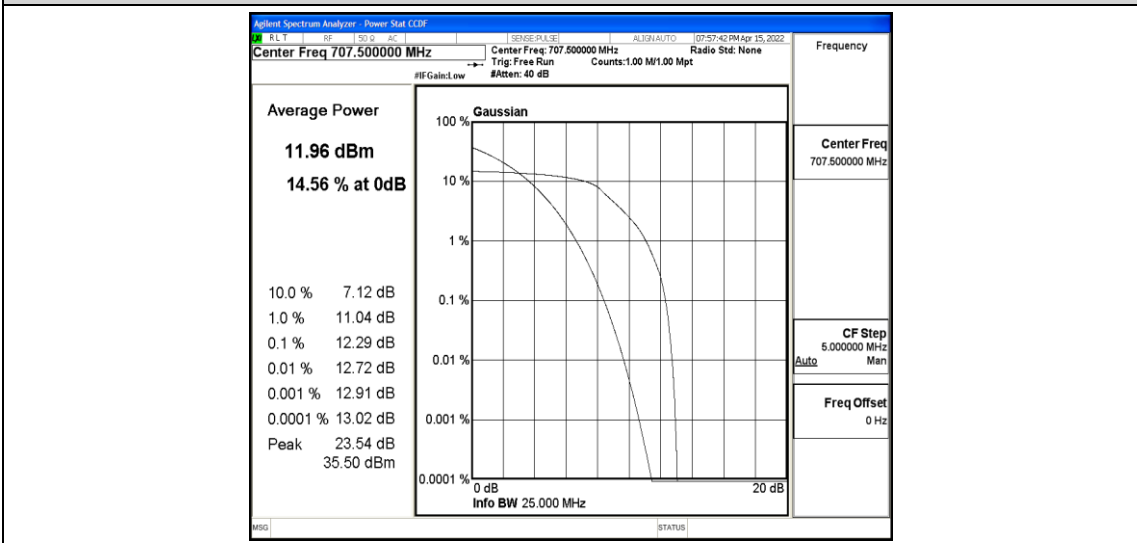
Band12-10MHz-QPSK-23095-6-0-Low-10.57-<=13-PASS



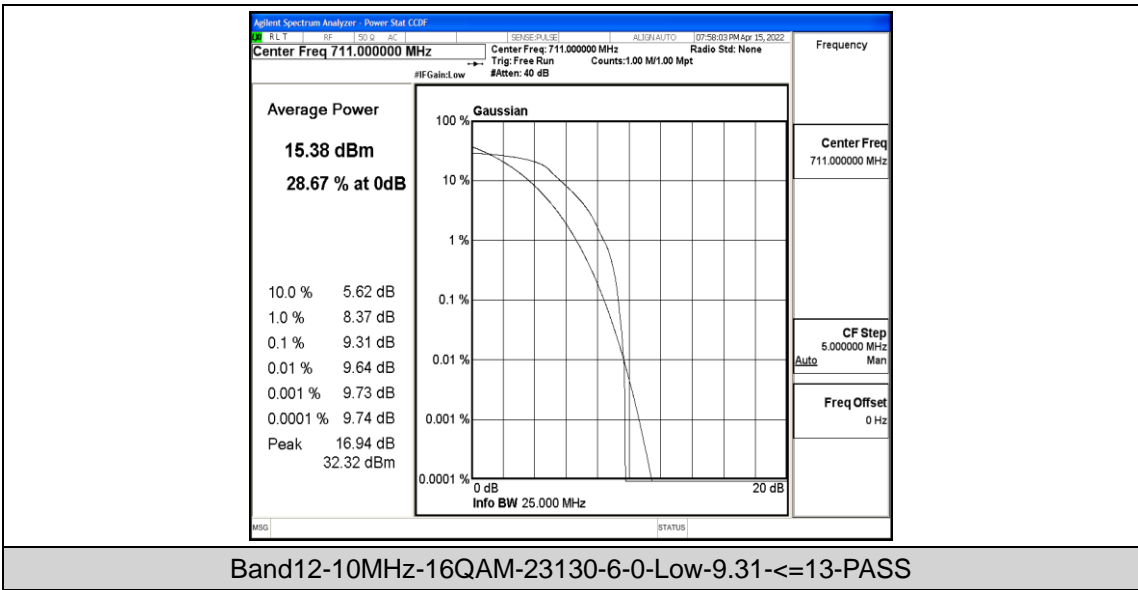
Band12-10MHz-QPSK-23130-6-0-Low-9.58-<=13-PASS



Band12-10MHz-16QAM-23060-6-0-Low-9.62-<=13-PASS



Band12-10MHz-16QAM-23095-6-0-Low-12.29-<=13-PASS

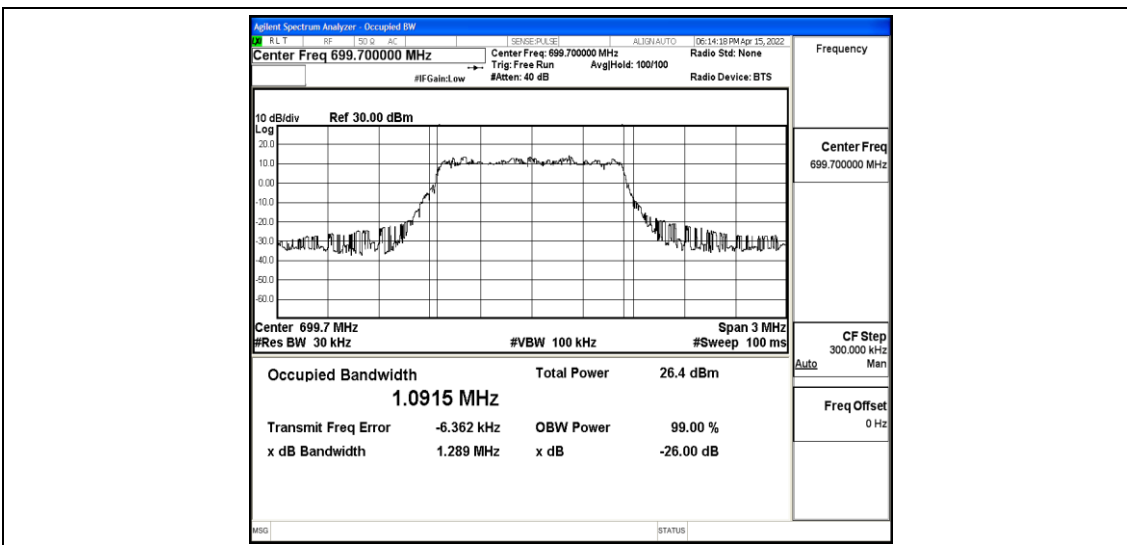


Appendix C: 26dB Bandwidth and Occupied Bandwidth for M1

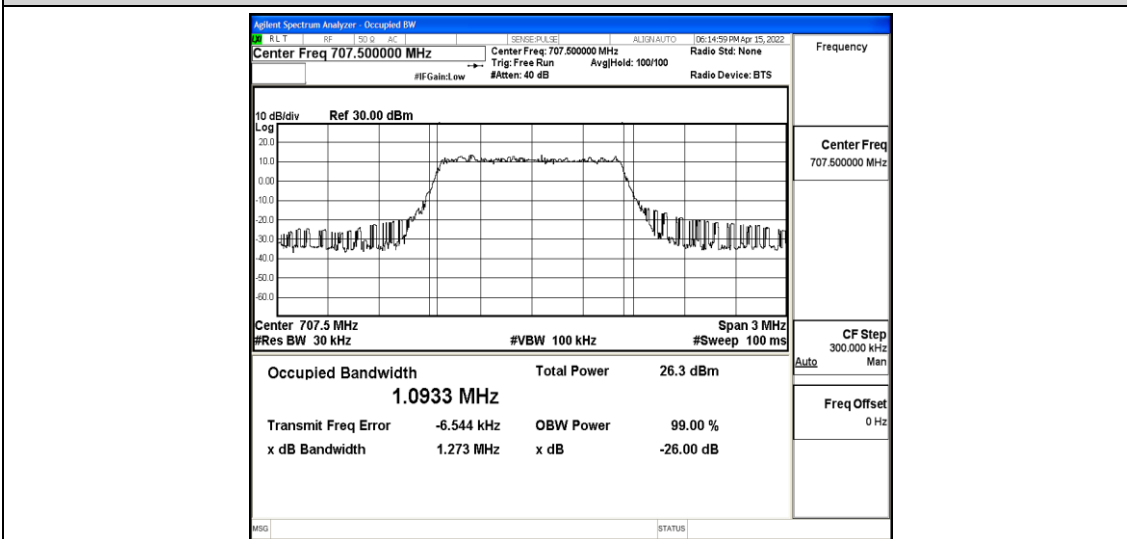
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	1.0915	1.289	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	1.0933	1.273	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	1.0938	1.290	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	1.0930	1.301	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	1.0966	1.290	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	1.0855	1.287	PASS
Band12	3MHz	23025	QPSK	6	0	Low	1.1177	1.326	PASS
Band12	3MHz	23095	QPSK	6	0	Low	1.1136	1.320	PASS
Band12	3MHz	23165	QPSK	6	0	High	1.1173	1.415	PASS
Band12	3MHz	23025	16QAM	6	0	Low	1.1065	1.313	PASS
Band12	3MHz	23095	16QAM	6	0	Low	1.1137	1.304	PASS
Band12	3MHz	23165	16QAM	6	0	High	1.1130	1.413	PASS
Band12	5MHz	23035	QPSK	6	0	Low	1.1842	1.509	PASS
Band12	5MHz	23095	QPSK	6	0	Low	1.1622	1.513	PASS
Band12	5MHz	23155	QPSK	6	0	High	1.1842	1.409	PASS
Band12	5MHz	23035	16QAM	6	0	Low	1.1719	1.561	PASS
Band12	5MHz	23095	16QAM	6	0	Low	1.1646	1.435	PASS
Band12	5MHz	23155	16QAM	6	0	High	1.2005	1.442	PASS
Band12	10MHz	23060	QPSK	6	0	Low	1.3470	2.009	PASS
Band12	10MHz	23095	QPSK	6	0	Low	1.3279	1.854	PASS
Band12	10MHz	23130	QPSK	6	0	High	1.3259	1.628	PASS
Band12	10MHz	23060	16QAM	6	0	Low	1.3495	2.183	PASS
Band12	10MHz	23095	16QAM	6	0	Low	1.3505	1.811	PASS
Band12	10MHz	23130	16QAM	6	0	High	1.3426	1.665	PASS

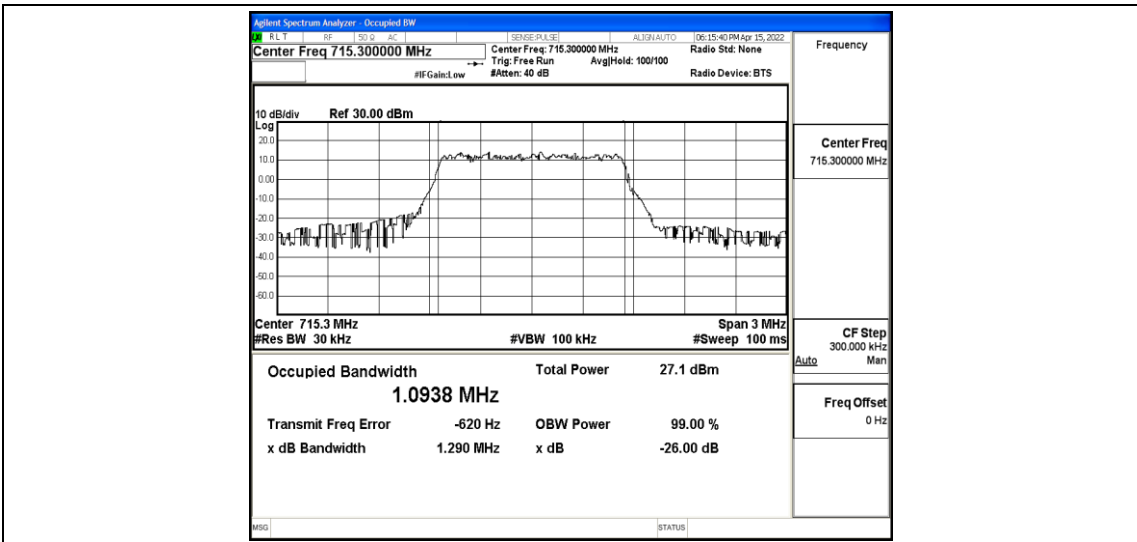
Test Graphs



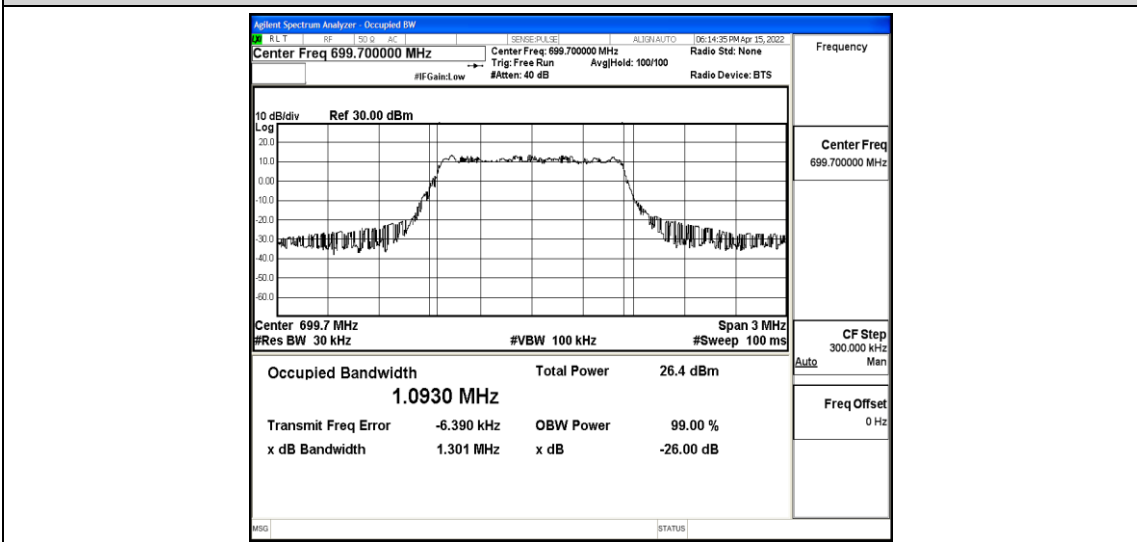
Band12-1.4MHz-QPSK-23017-6-0-Low-1.0915-1.289-PASS



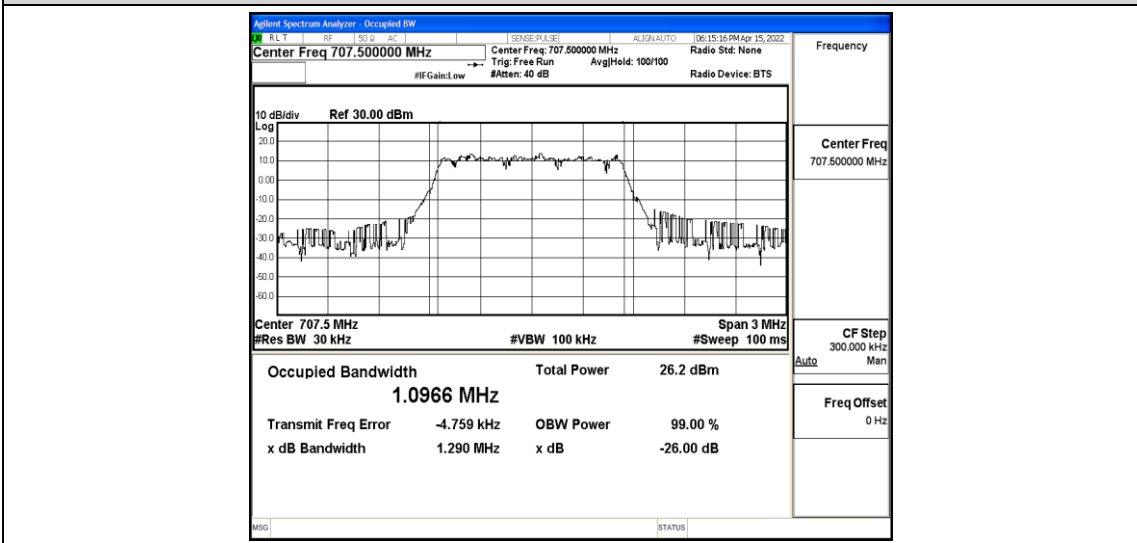
Band12-1.4MHz-QPSK-23095-6-0-Low-1.0933-1.273-PASS



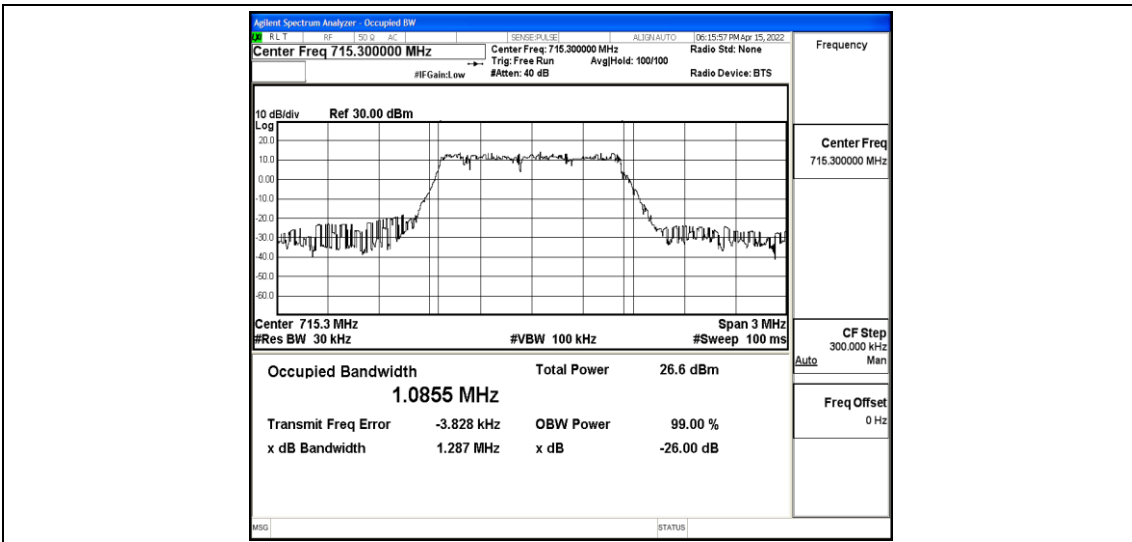
Band12-1.4MHz-QPSK-23173-6-0-High-1.0938-1.290-PASS



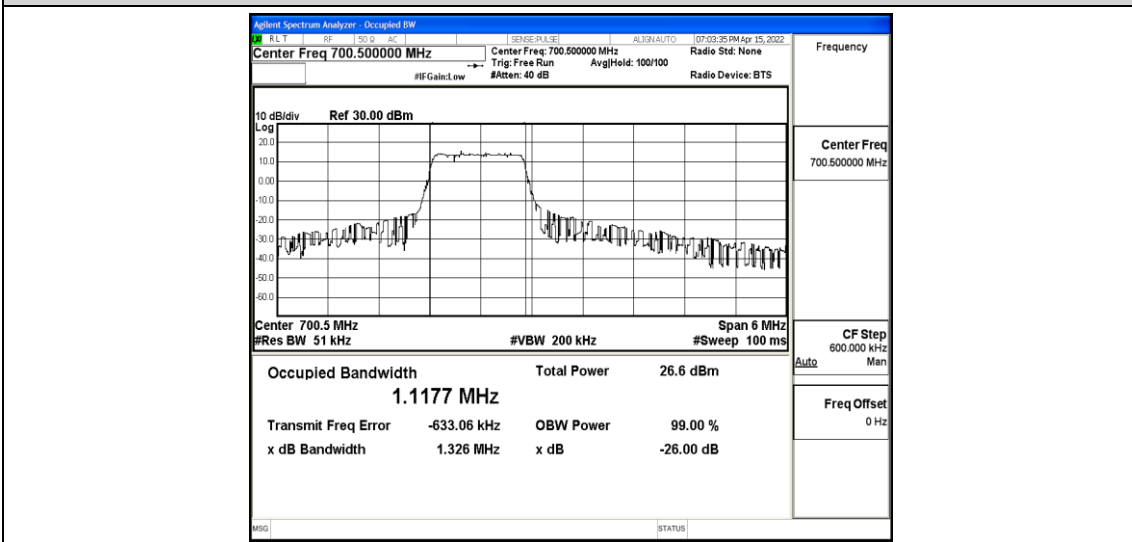
Band12-1.4MHz-16QAM-23017-6-0-Low-1.0930-1.301-PASS



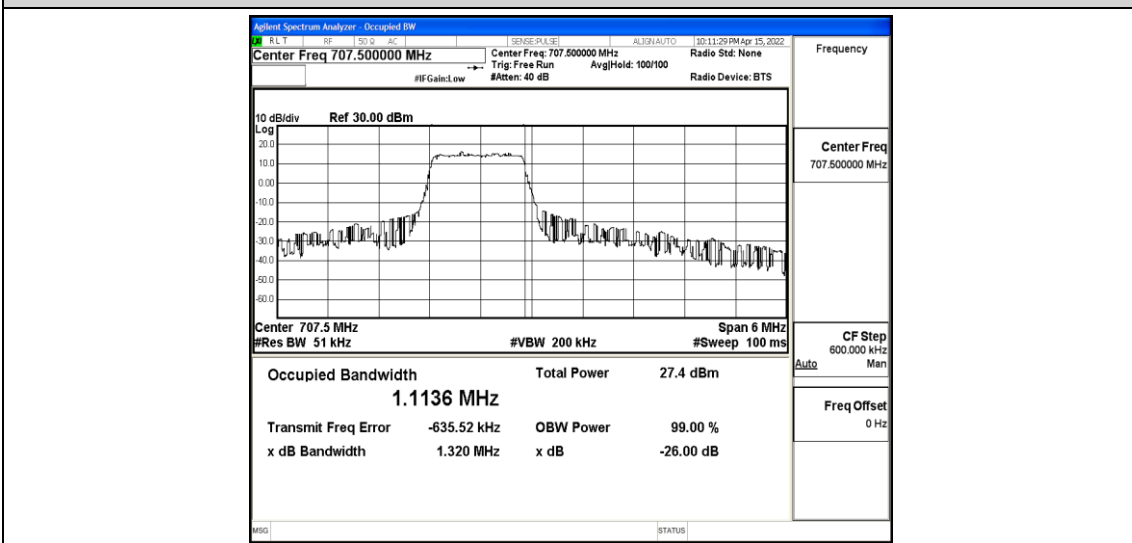
Band12-1.4MHz-16QAM-23095-6-0-Low-1.0966-1.290-PASS



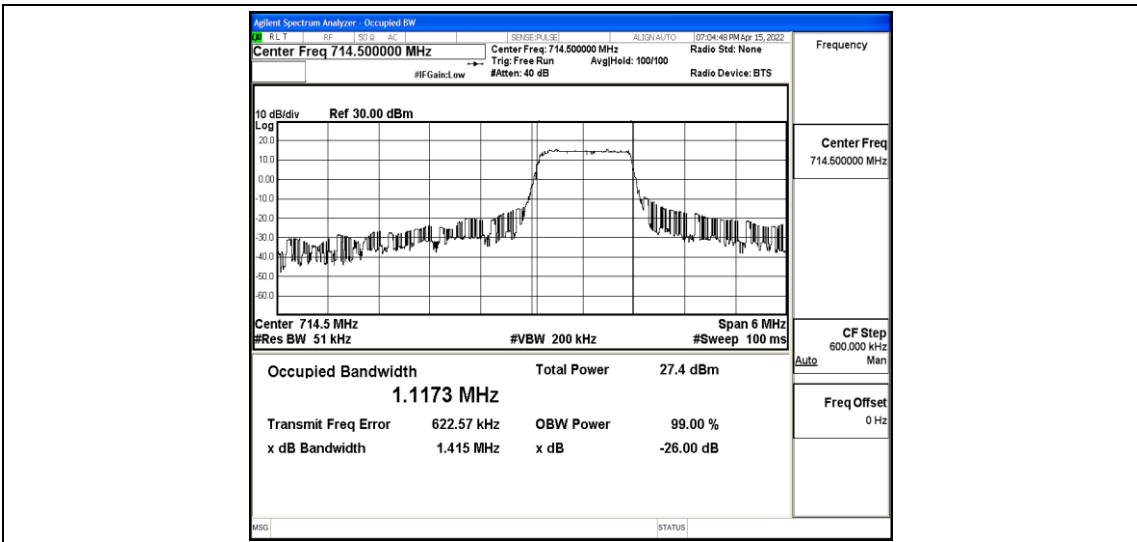
Band12-1.4MHz-16QAM-23173-6-0-High-1.0855-1.287-PASS



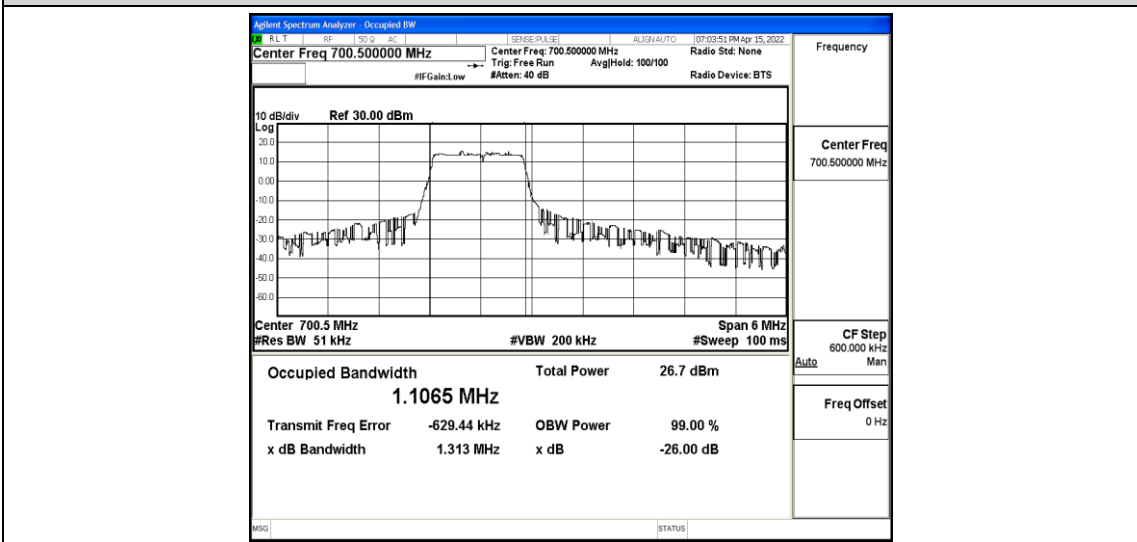
Band12-3MHz-QPSK-23025-6-0-Low-1.1177-1.326-PASS



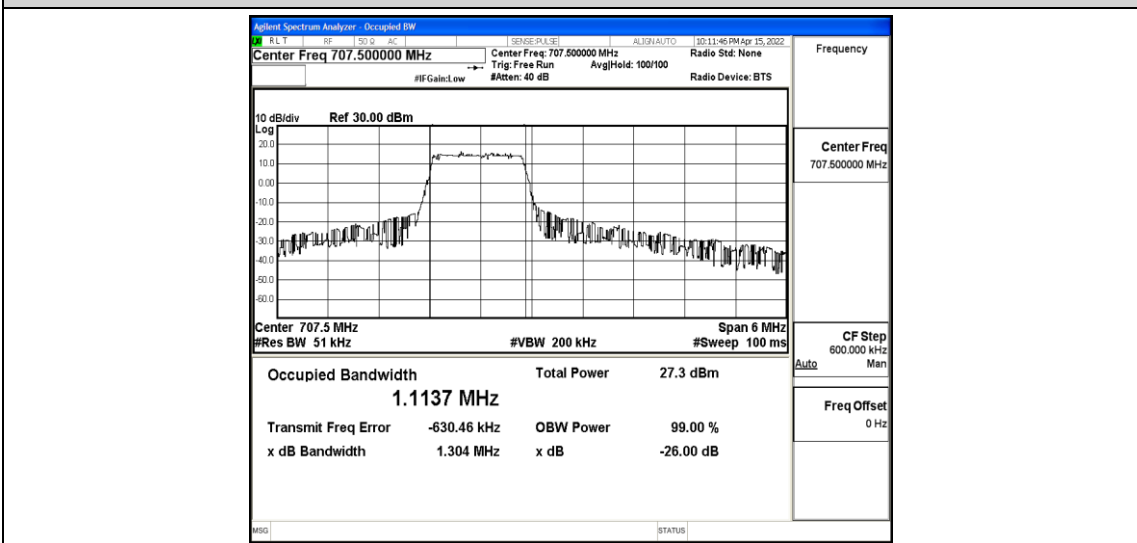
Band12-3MHz-QPSK-23095-6-0-Low-1.1136-1.320-PASS



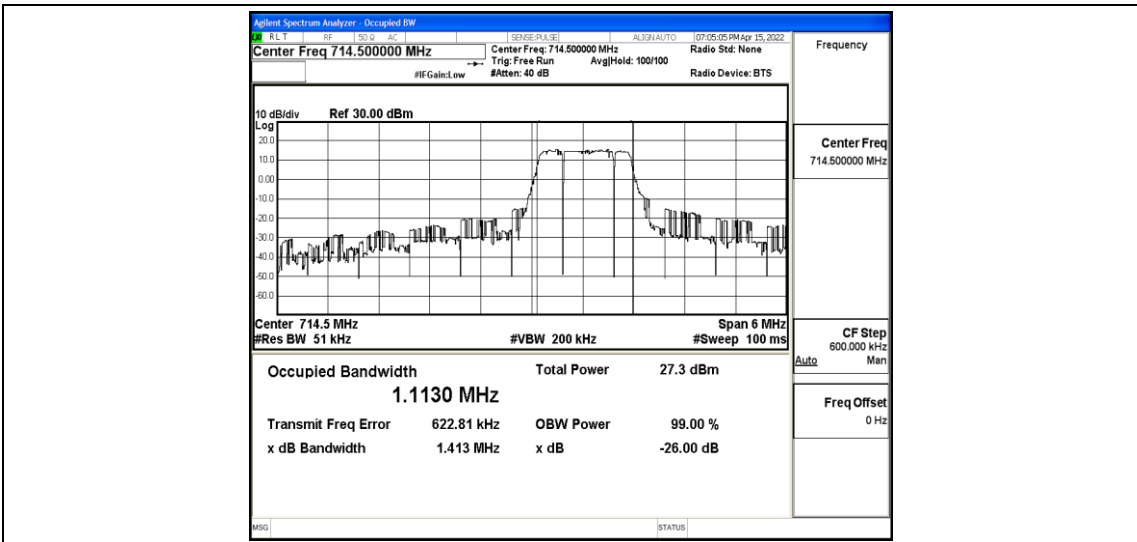
Band12-3MHz-QPSK-23165-6-0-High-1.1173-1.415-PASS



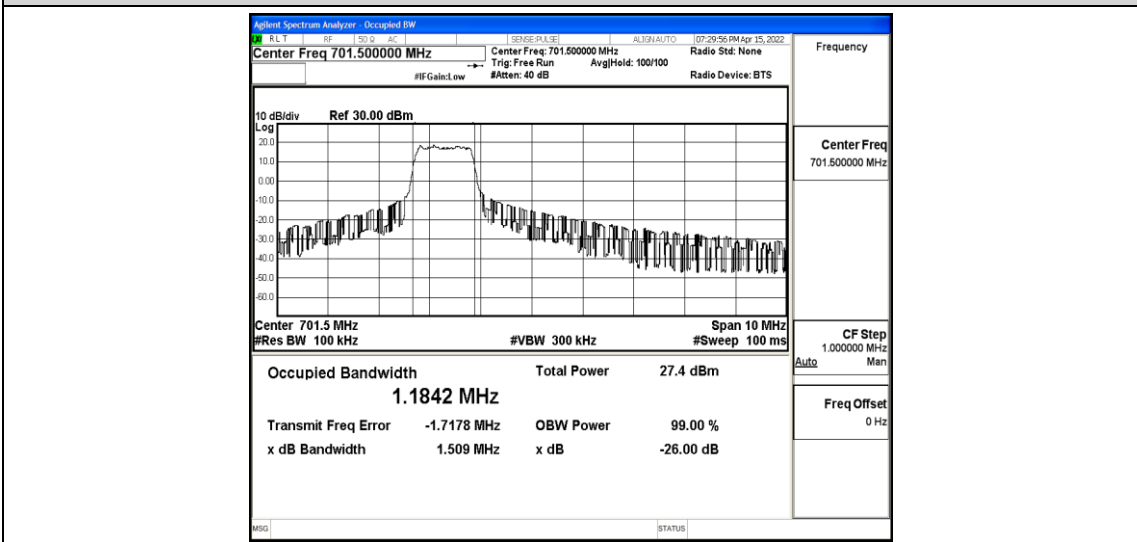
Band12-3MHz-16QAM-23025-6-0-Low-1.1065-1.313-PASS



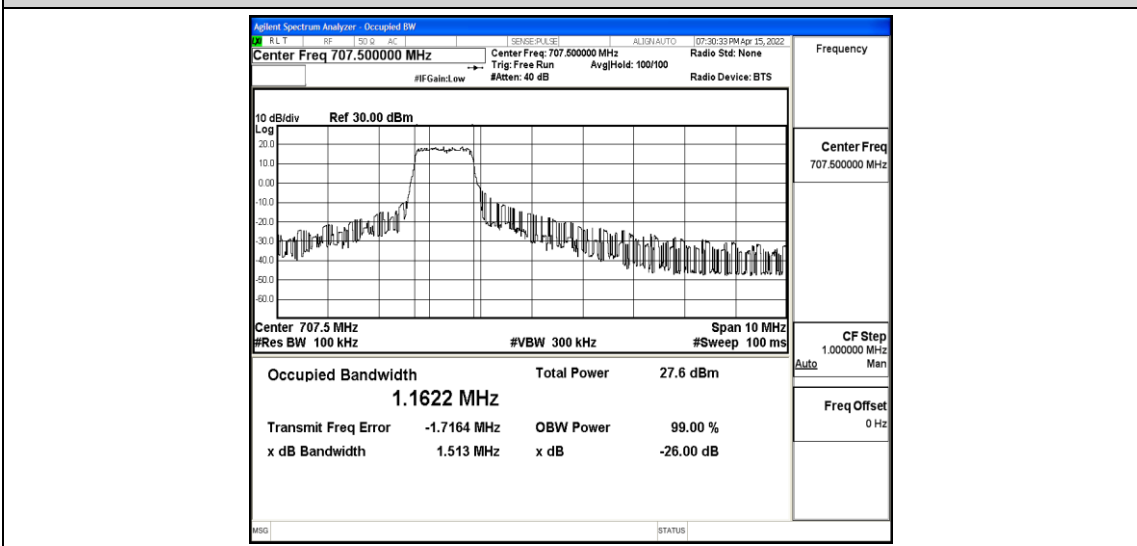
Band12-3MHz-16QAM-23095-6-0-Low-1.1137-1.304-PASS



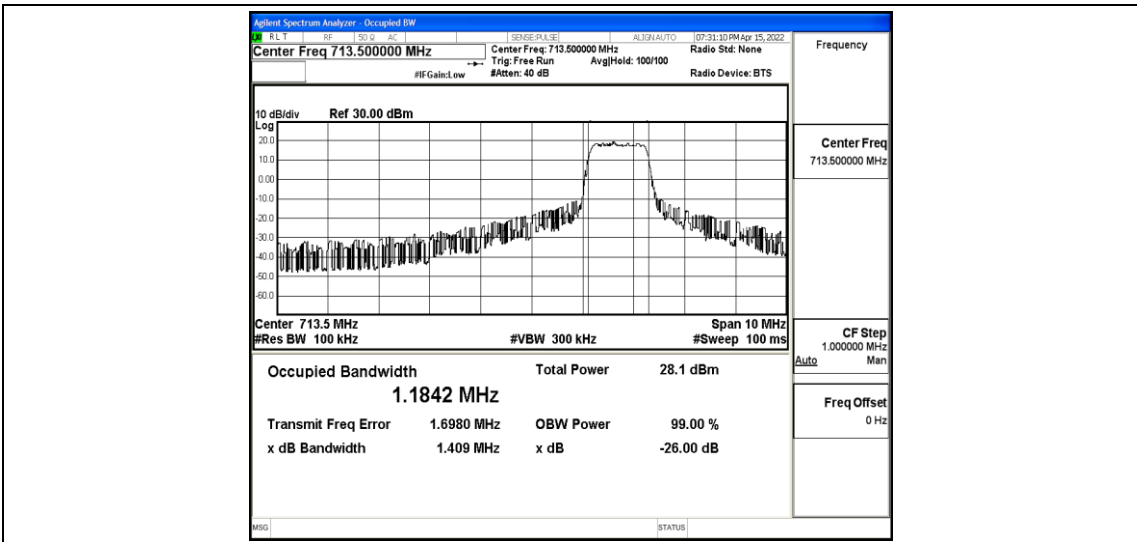
Band12-3MHz-16QAM-23165-6-0-High-1.1130-1.413-PASS



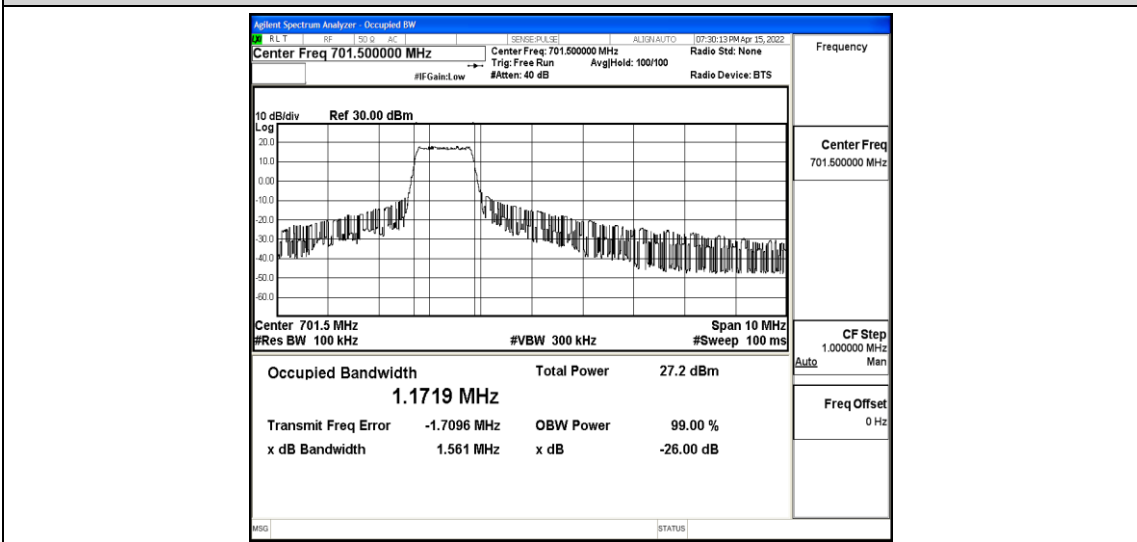
Band12-5MHz-QPSK-23035-6-0-Low-1.1842-1.509-PASS



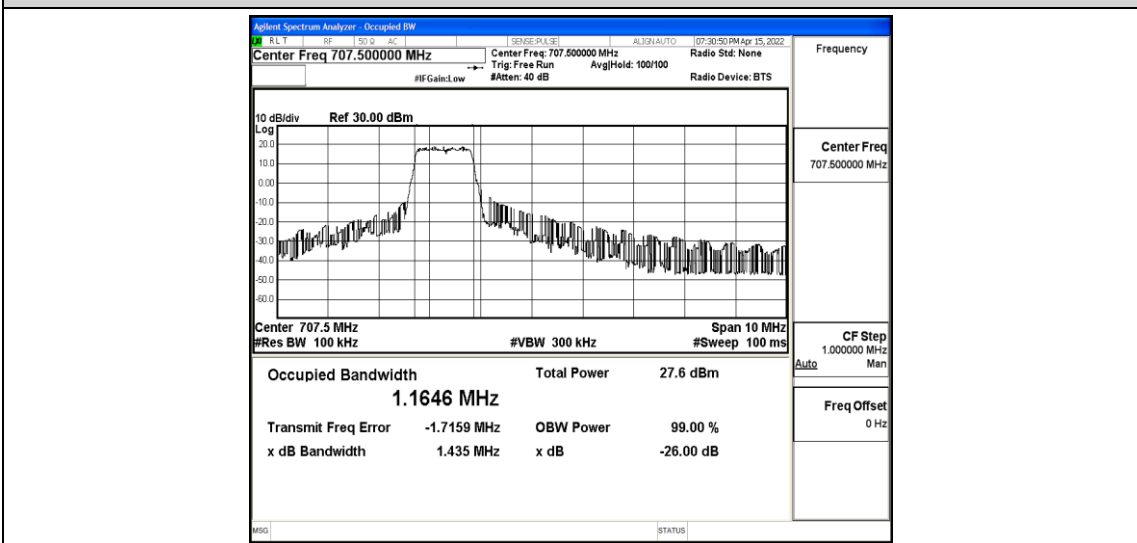
Band12-5MHz-QPSK-23095-6-0-Low-1.1622-1.513-PASS



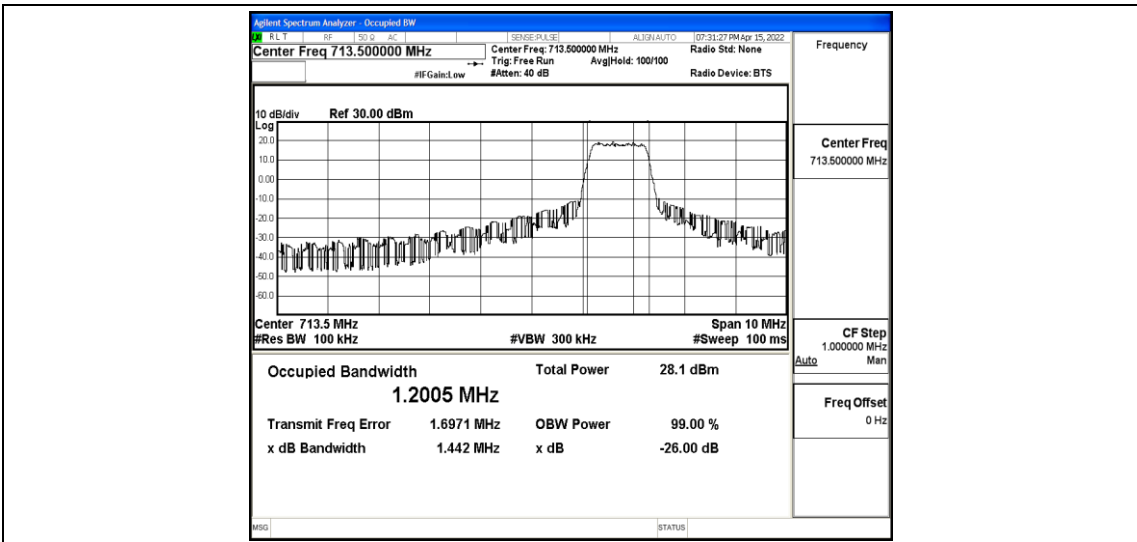
Band12-5MHz-QPSK-23155-6-0-High-1.1842-1.409-PASS



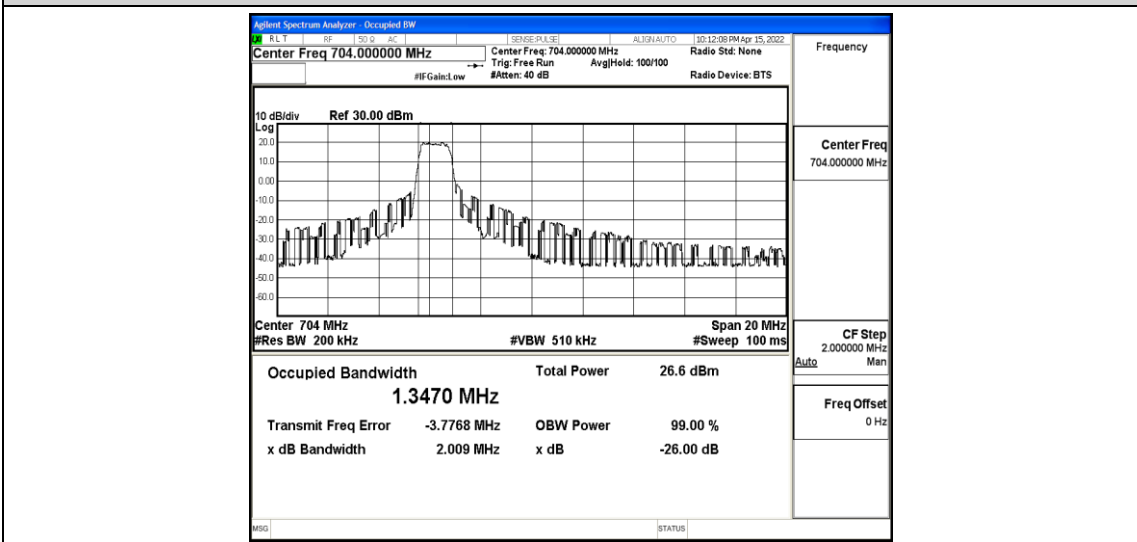
Band12-5MHz-16QAM-23035-6-0-Low-1.1719-1.561-PASS



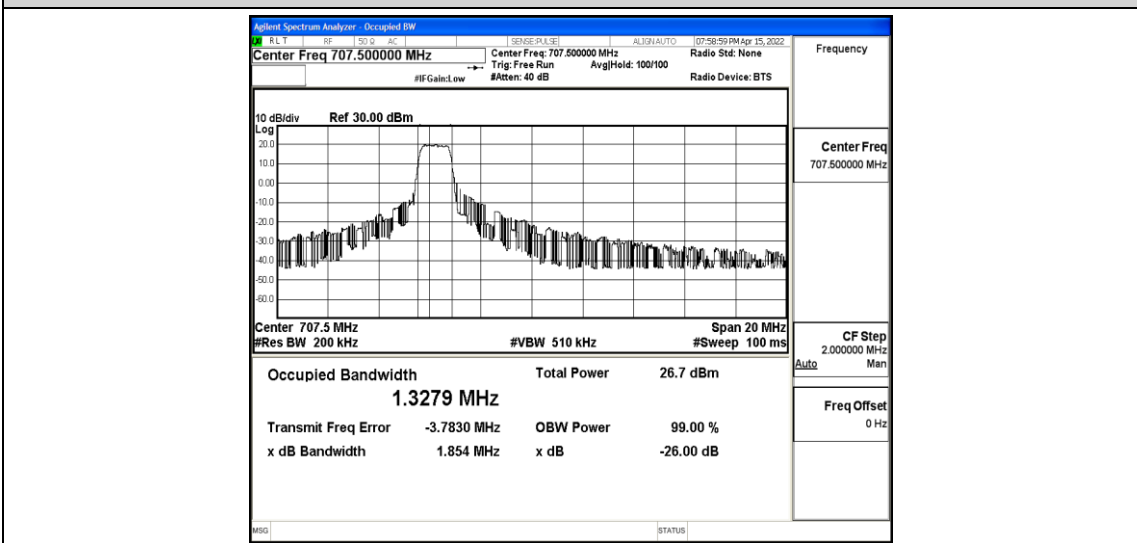
Band12-5MHz-16QAM-23095-6-0-Low-1.1646-1.435-PASS



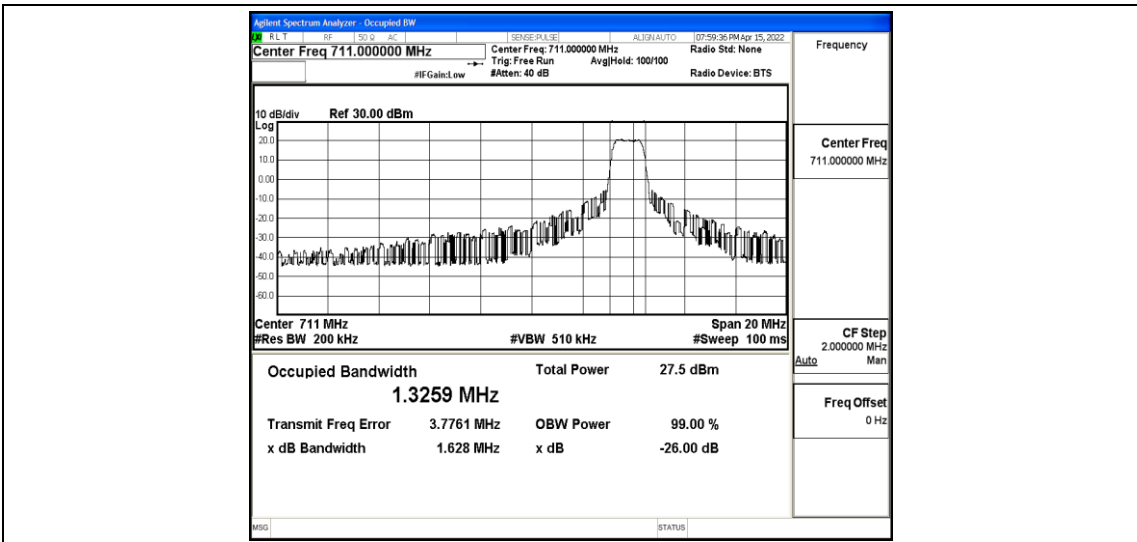
Band12-5MHz-16QAM-23155-6-0-High-1.2005-1.442-PASS



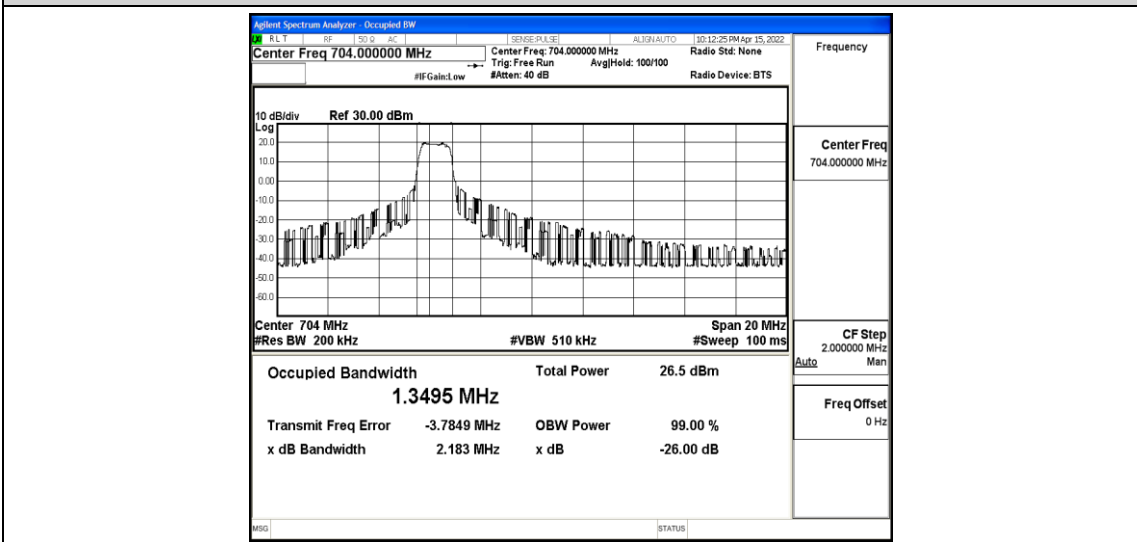
Band12-10MHz-QPSK-23060-6-0-Low-1.3470-2.009-PASS



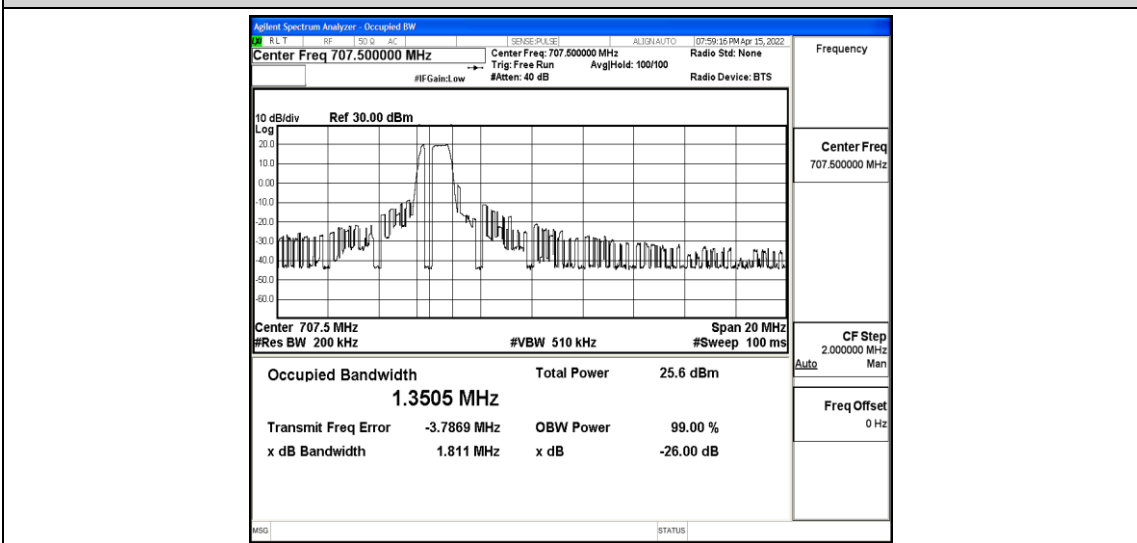
Band12-10MHz-QPSK-23095-6-0-Low-1.3279-1.854-PASS



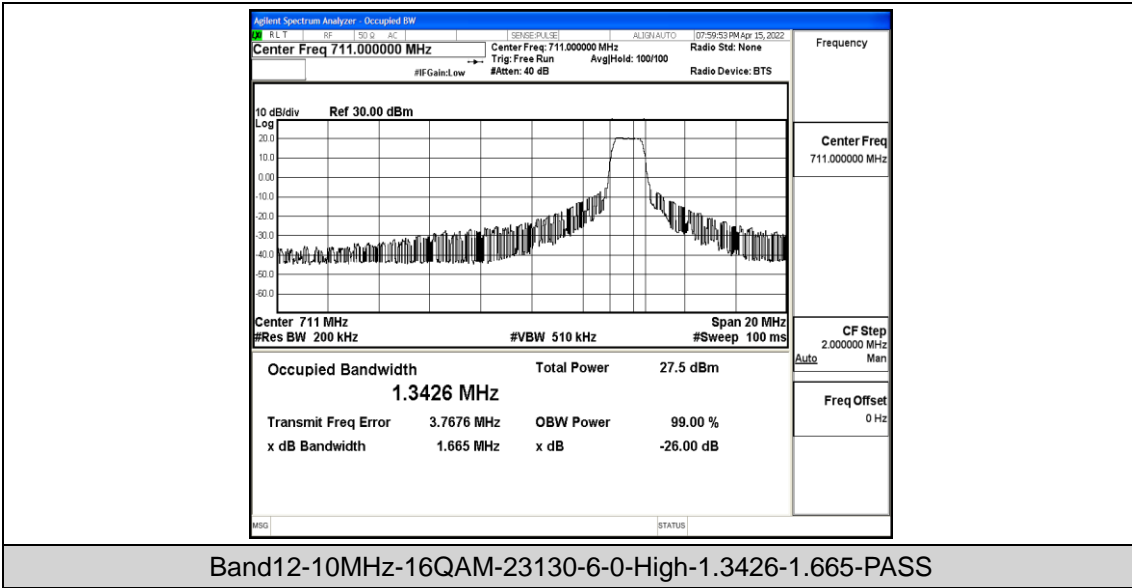
Band12-10MHz-QPSK-23130-6-0-High-1.3259-1.628-PASS



Band12-10MHz-16QAM-23060-6-0-Low-1.3495-2.183-PASS



Band12-10MHz-16QAM-23095-6-0-Low-1.3505-1.811-PASS

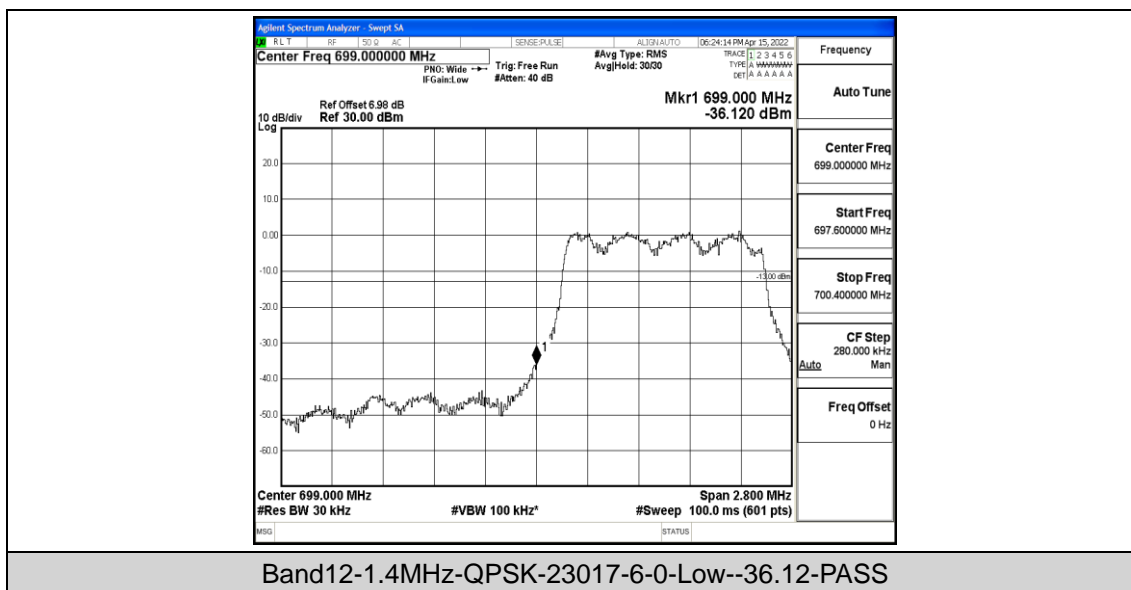


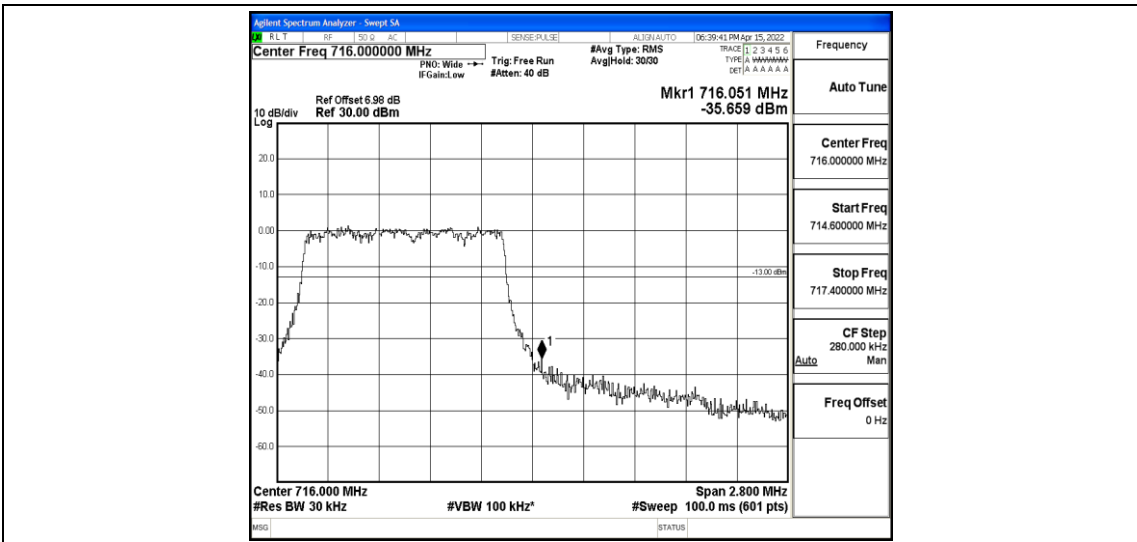
Appendix D: Band Edge for M1

Test Result

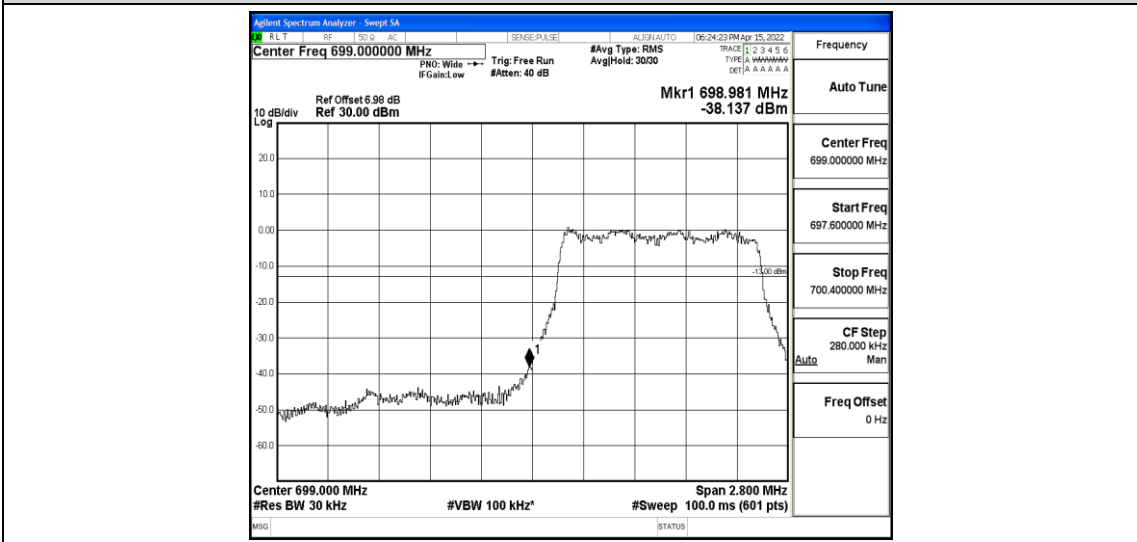
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	-36.12	PASS
Band12	1.4MHz	23173	QPSK	6	0	Low	-35.66	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	-38.14	PASS
Band12	1.4MHz	23173	16QAM	6	0	Low	-34.21	PASS
Band12	3MHz	23025	QPSK	6	0	Low	-40.36	PASS
Band12	3MHz	23165	QPSK	6	0	Low	-46.22	PASS
Band12	3MHz	23025	16QAM	6	0	Low	-40.52	PASS
Band12	3MHz	23165	16QAM	6	0	Low	-45.82	PASS
Band12	5MHz	23035	QPSK	6	0	Low	-34.16	PASS
Band12	5MHz	23155	QPSK	6	0	Low	-51.15	PASS
Band12	5MHz	23035	16QAM	6	0	Low	-34.62	PASS
Band12	5MHz	23155	16QAM	6	0	Low	-52.12	PASS
Band12	10MHz	23060	QPSK	6	0	Low	-36.27	PASS
Band12	10MHz	23130	QPSK	6	0	Low	-52.47	PASS
Band12	10MHz	23060	16QAM	6	0	Low	-35.58	PASS
Band12	10MHz	23130	16QAM	6	0	Low	-52.43	PASS

Test Graphs

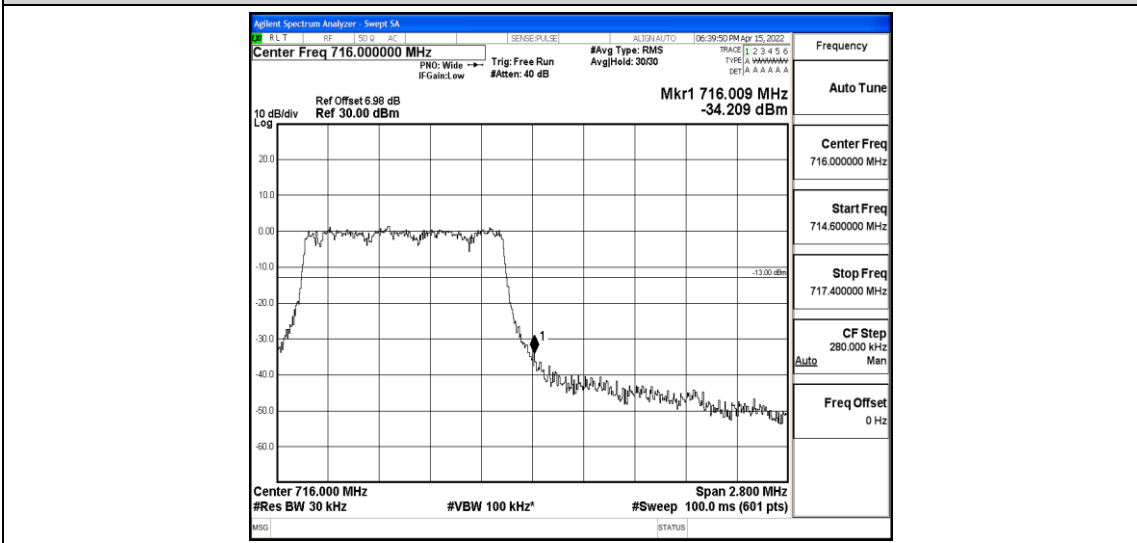




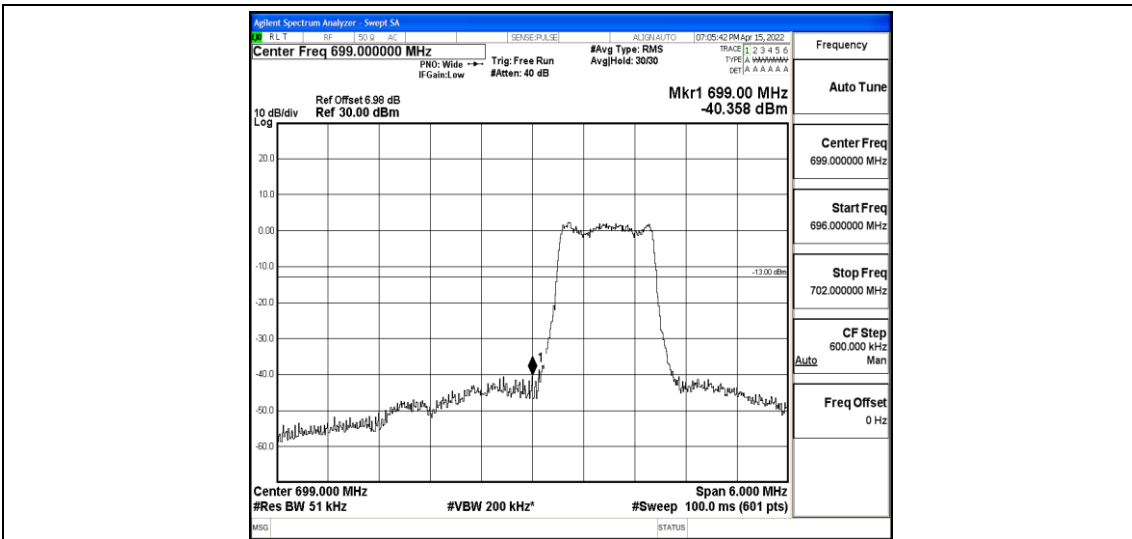
Band12-1.4MHz-QPSK-23173-6-0-Low--35.66-PASS



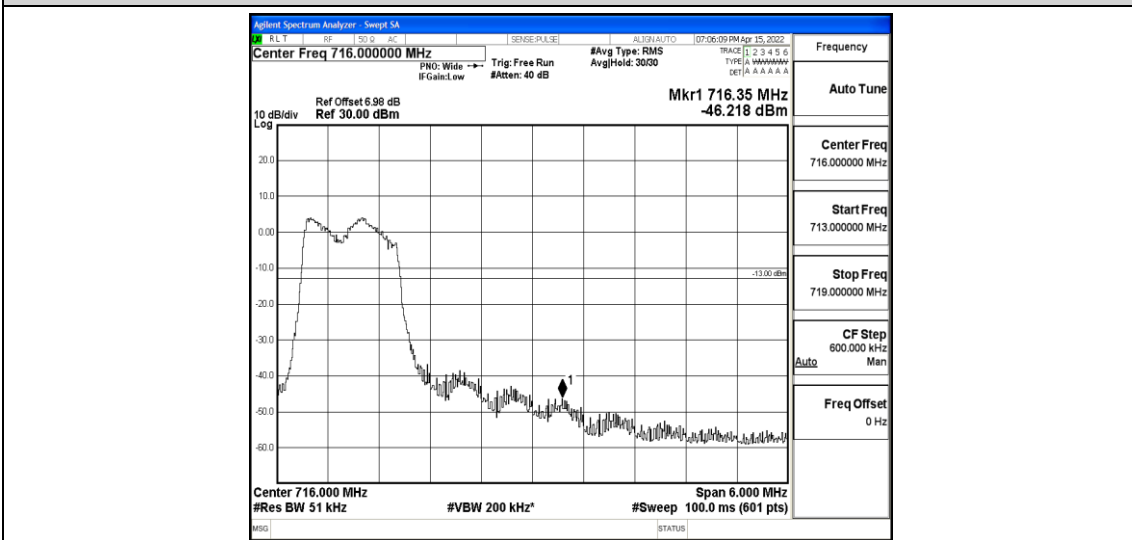
Band12-1.4MHz-16QAM-23017-6-0-Low--38.14-PASS



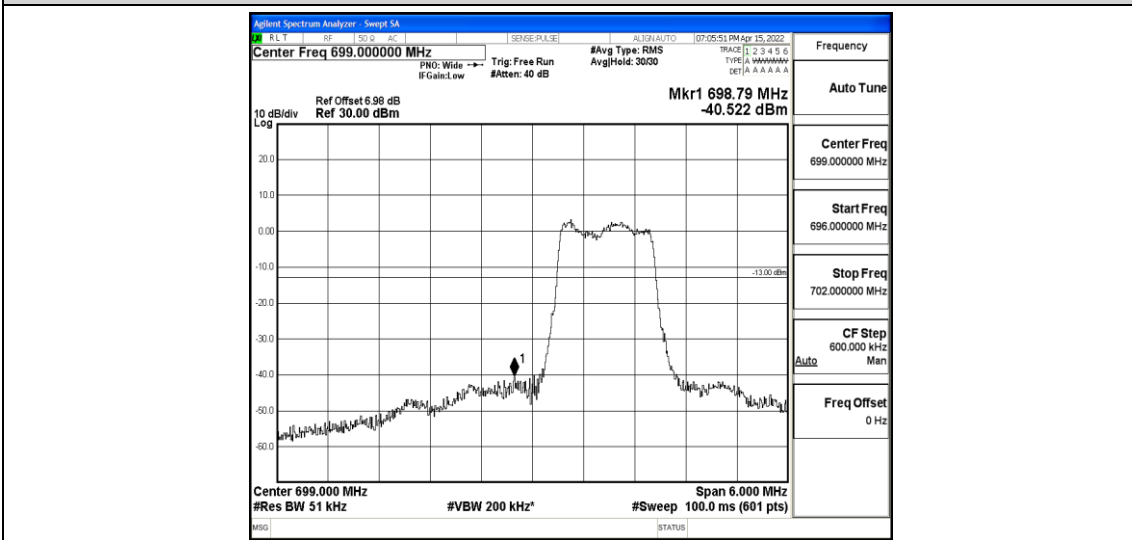
Band12-1.4MHz-16QAM-23173-6-0-Low--34.21-PASS



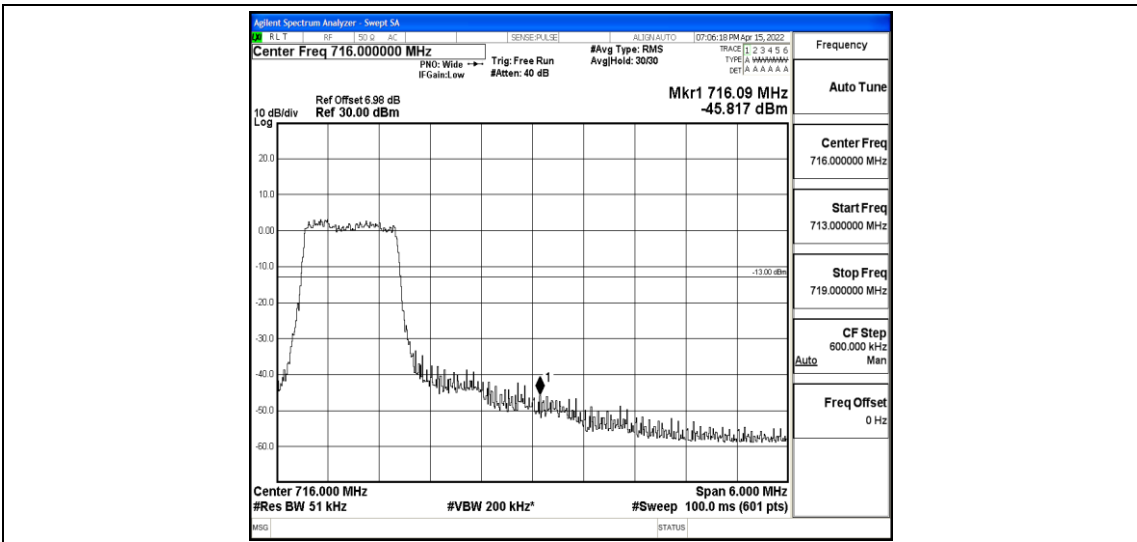
Band12-3MHz-QPSK-23025-6-0-Low--40.36-PASS



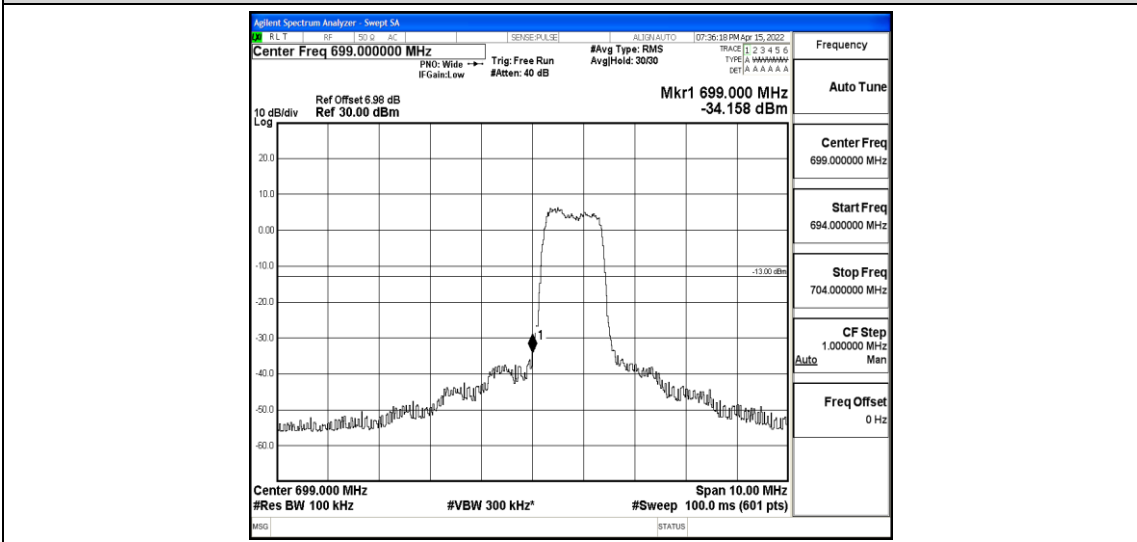
Band12-3MHz-QPSK-23165-6-0-Low--46.22-PASS



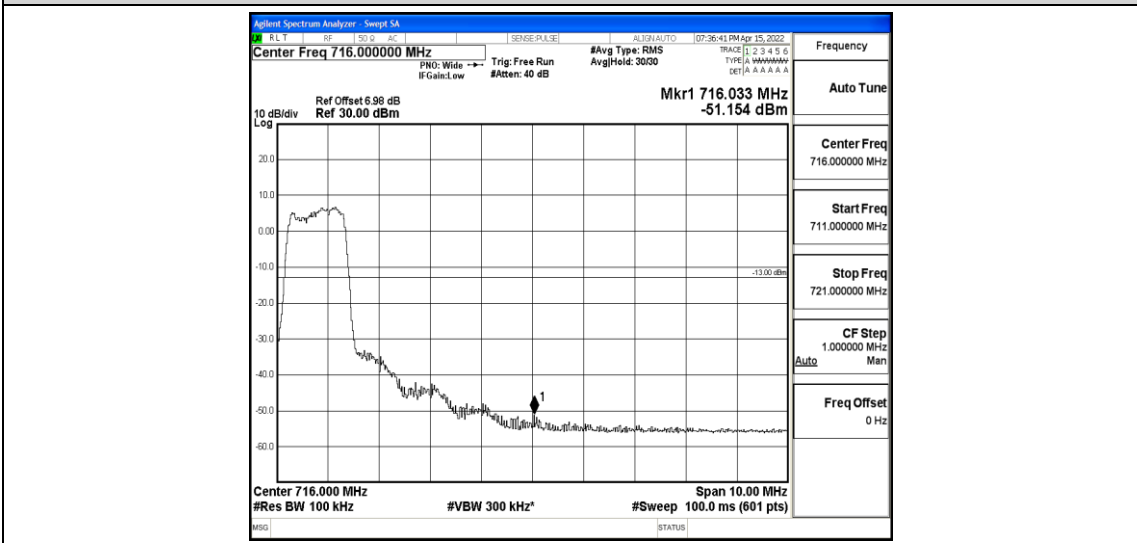
Band12-3MHz-16QAM-23025-6-0-Low--40.52-PASS



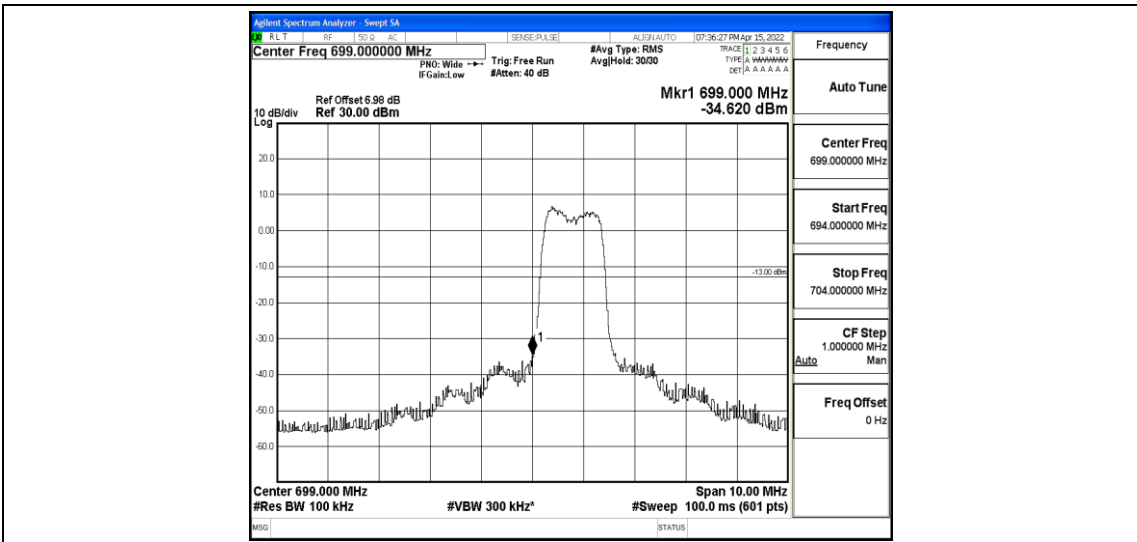
Band12-3MHz-16QAM-23165-6-0-Low--45.82-PASS



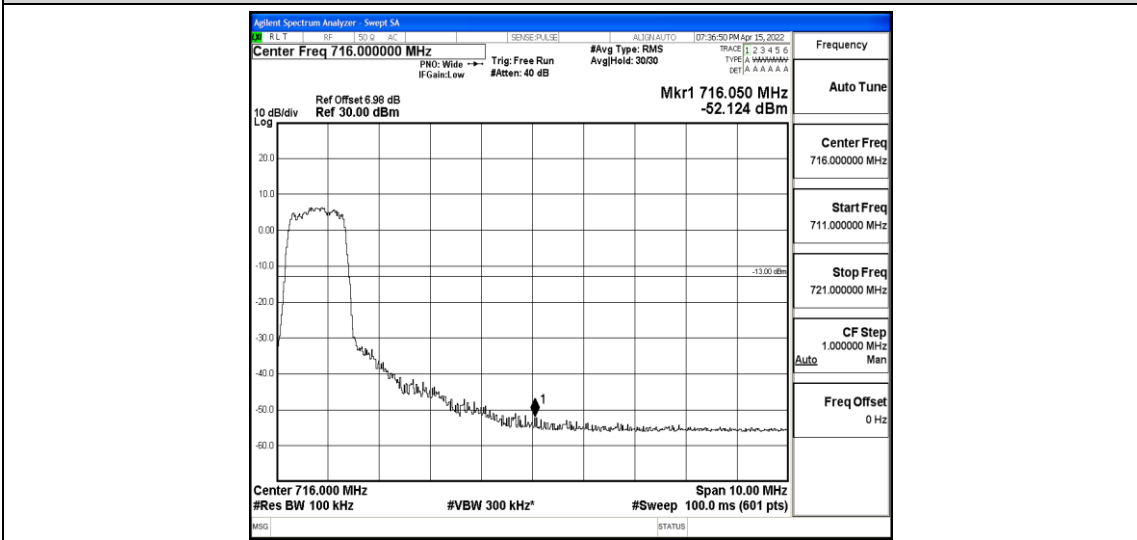
Band12-5MHz-QPSK-23035-6-0-Low--34.16-PASS



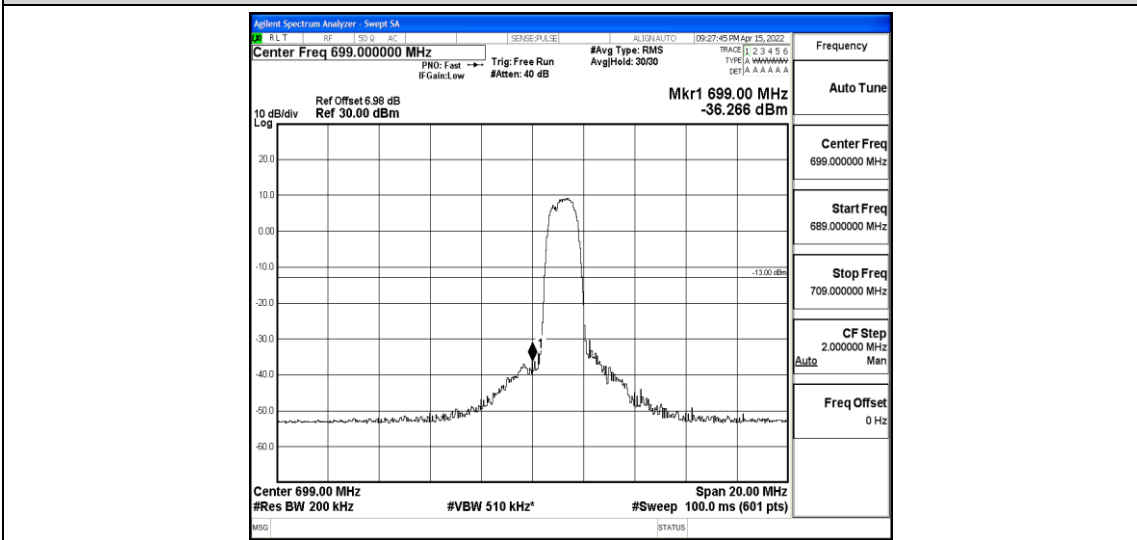
Band12-5MHz-QPSK-23155-6-0-Low--51.15-PASS



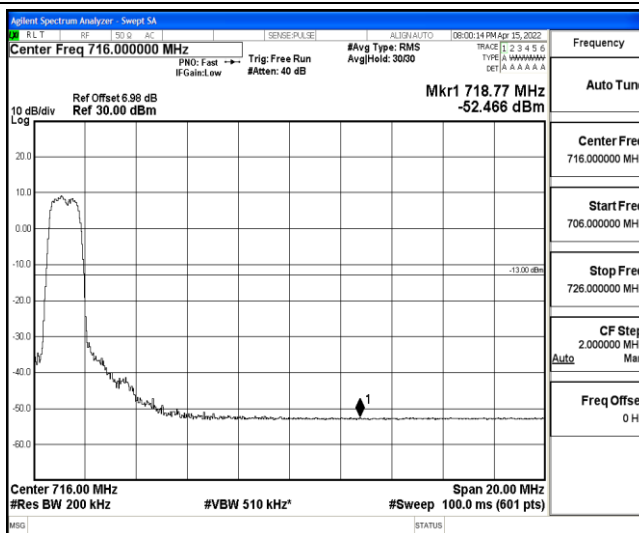
Band12-5MHz-16QAM-23035-6-0-Low--34.62-PASS



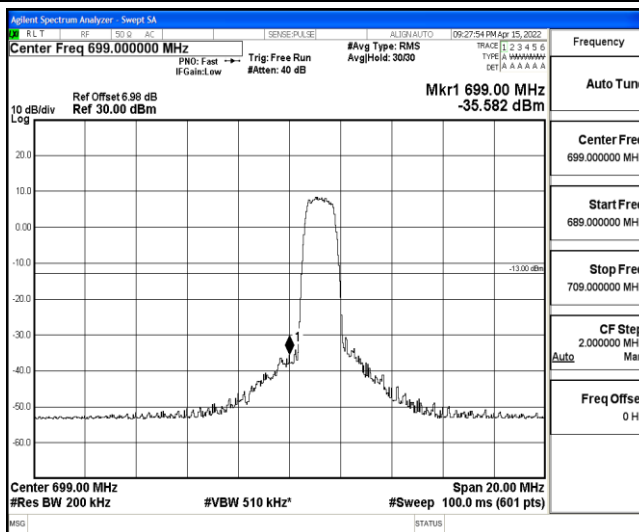
Band12-5MHz-16QAM-23155-6-0-Low--52.12-PASS



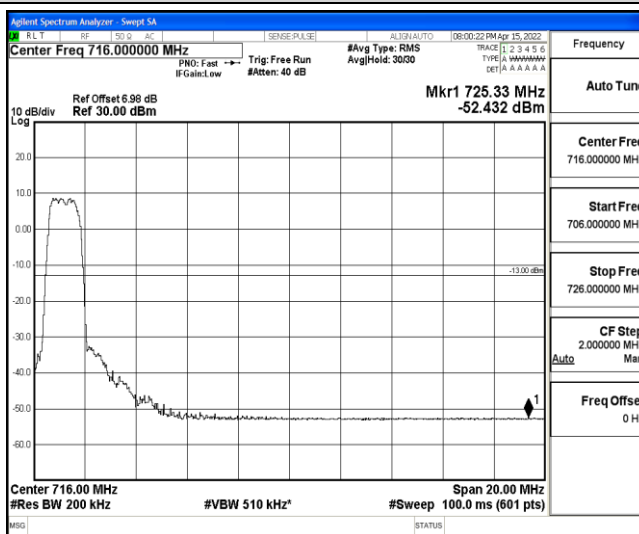
Band12-10MHz-QPSK-23060-6-0-Low--36.27-PASS



Band12-10MHz-QPSK-23130-6-0-Low--52.47-PASS



Band12-10MHz-16QAM-23060-6-0-Low--35.58-PASS



Band12-10MHz-16QAM-23130-6-0-Low--52.43-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
Band1 2	1.4MHz	23017	QPSK	1	0	Low	30	1000	-35.5 5	PASS
Band1 2	1.4MHz	23017	QPSK	1	0	Low	1000	5000	-43.4 4	PASS
Band1 2	1.4MHz	23017	QPSK	1	0	Low	5000	1200 0	-59.2 1	PASS
Band1 2	1.4MHz	23017	QPSK	1	0	Low	1200 0	2650 0	-44.4 3	PASS
Band1 2	1.4MHz	23095	QPSK	1	0	Low	30	1000	-37.5 3	PASS
Band1 2	1.4MHz	23095	QPSK	1	0	Low	1000	5000	-43.0 7	PASS
Band1 2	1.4MHz	23095	QPSK	1	0	Low	5000	1200 0	-59.1 8	PASS
Band1 2	1.4MHz	23095	QPSK	1	0	Low	1200 0	2650 0	-44.4	PASS
Band1 2	1.4MHz	23173	QPSK	1	0	High	30	1000	-37.2 3	PASS
Band1 2	1.4MHz	23173	QPSK	1	0	High	1000	5000	-43.3 3	PASS
Band1 2	1.4MHz	23173	QPSK	1	0	High	5000	1200 0	-58.9 6	PASS
Band1 2	1.4MHz	23173	QPSK	1	0	High	1200 0	2650 0	-44.4	PASS
Band1 2	1.4MHz	23017	16QAM	1	0	Low	30	1000	-37.7 1	PASS
Band1 2	1.4MHz	23017	16QAM	1	0	Low	1000	5000	-43.5 3	PASS
Band1 2	1.4MHz	23017	16QAM	1	0	Low	5000	1200 0	-59.4 8	PASS
Band1 2	1.4MHz	23017	16QAM	1	0	Low	1200 0	2650 0	-44.4 1	PASS
Band1 2	1.4MHz	23095	16QAM	1	0	Low	30	1000	-37.2	PASS
Band1	1.4MHz	23095	16QAM	1	0	Low	1000	5000	-43.3	PASS

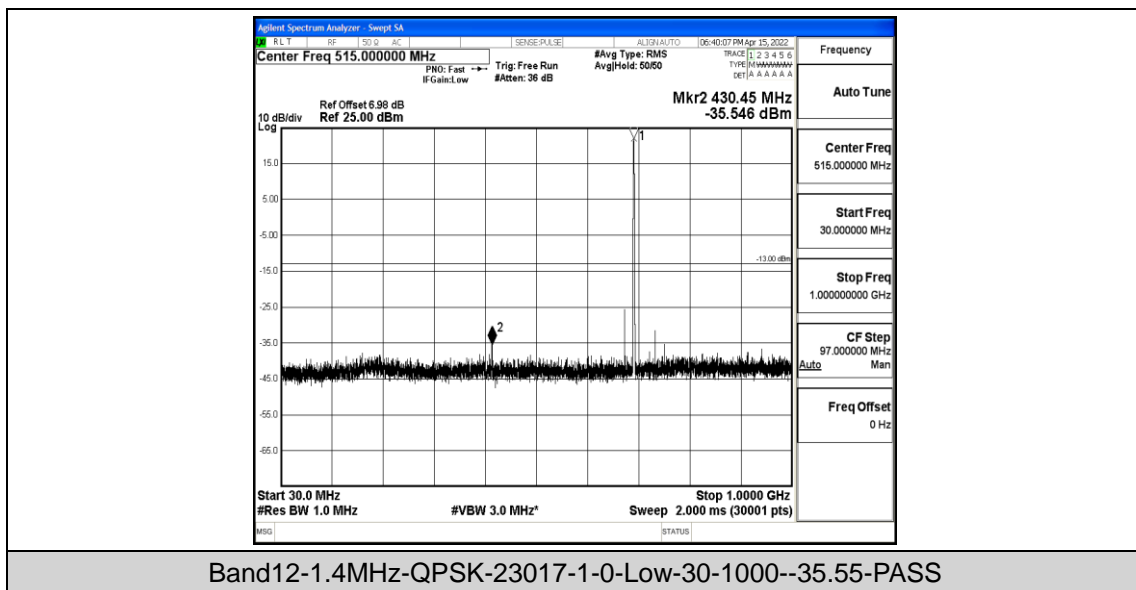
2			M						9	
Band1 2	1.4MHz	23095	16QA M	1	0	Low	5000	1200 0	-59.3	PASS
Band1 2	1.4MHz	23095	16QA M	1	0	Low	1200 0	2650 0	-44.5 1	PASS
Band1 2	1.4MHz	23173	16QA M	1	0	High	30	1000	-36.7 2	PASS
Band1 2	1.4MHz	23173	16QA M	1	0	High	1000	5000	-43.2 9	PASS
Band1 2	1.4MHz	23173	16QA M	1	0	High	5000	1200 0	-59.2 5	PASS
Band1 2	1.4MHz	23173	16QA M	1	0	High	1200 0	2650 0	-44.3 9	PASS
Band1 2	3MHz	23025	QPSK	1	0	Low	30	1000	-36.7 3	PASS
Band1 2	3MHz	23025	QPSK	1	0	Low	1000	5000	-43.5 7	PASS
Band1 2	3MHz	23025	QPSK	1	0	Low	5000	1200 0	-59.3 4	PASS
Band1 2	3MHz	23025	QPSK	1	0	Low	1200 0	2650 0	-44.2 8	PASS
Band1 2	3MHz	23095	QPSK	1	0	Low	30	1000	-36.7 6	PASS
Band1 2	3MHz	23095	QPSK	1	0	Low	1000	5000	-43.1 5	PASS
Band1 2	3MHz	23095	QPSK	1	0	Low	5000	1200 0	-59.1 7	PASS
Band1 2	3MHz	23095	QPSK	1	0	Low	1200 0	2650 0	-44.4 2	PASS
Band1 2	3MHz	23165	QPSK	1	0	High	30	1000	-37.5 3	PASS
Band1 2	3MHz	23165	QPSK	1	0	High	1000	5000	-43.0 7	PASS
Band1 2	3MHz	23165	QPSK	1	0	High	5000	1200 0	-59.2 1	PASS
Band1 2	3MHz	23165	QPSK	1	0	High	1200 0	2650 0	-44.4 9	PASS
Band1 2	3MHz	23025	16QA M	1	0	Low	30	1000	-37.1 7	PASS
Band1 2	3MHz	23025	16QA M	1	0	Low	1000	5000	-43.5	PASS
Band1 2	3MHz	23025	16QA M	1	0	Low	5000	1200 0	-59.0 4	PASS

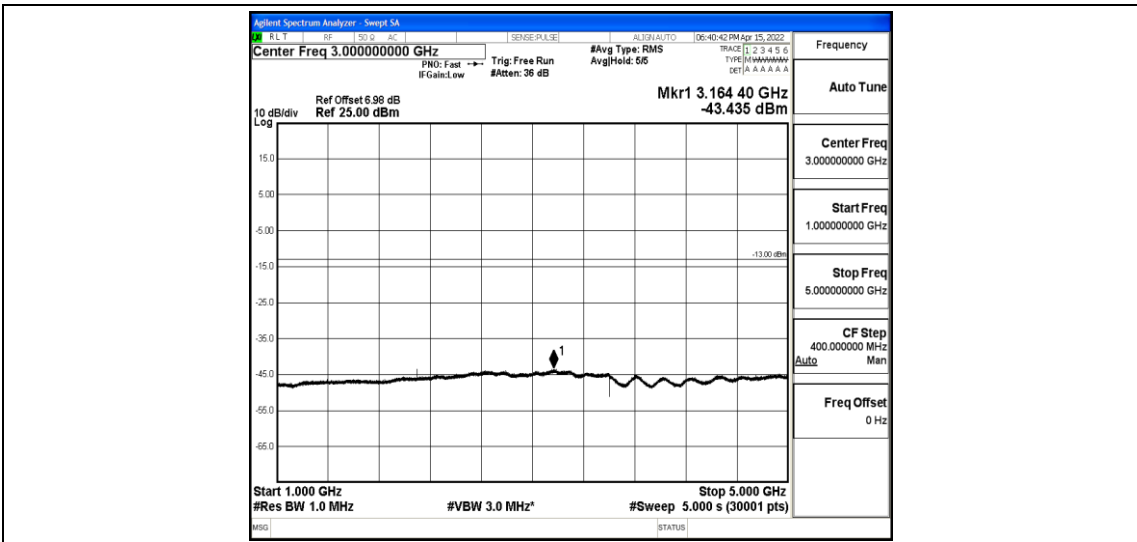
Band1 2	3MHz	23025	16QA M	1	0	Low	1200 0	2650 0	-44.3 2	PASS
Band1 2	3MHz	23095	16QA M	1	0	Low	30	1000	-37.9 1	PASS
Band1 2	3MHz	23095	16QA M	1	0	Low	1000	5000	-43.3 4	PASS
Band1 2	3MHz	23095	16QA M	1	0	Low	5000	1200 0	-59.3	PASS
Band1 2	3MHz	23095	16QA M	1	0	Low	1200 0	2650 0	-44.5 4	PASS
Band1 2	3MHz	23165	16QA M	1	0	High	30	1000	-37.6 6	PASS
Band1 2	3MHz	23165	16QA M	1	0	High	1000	5000	-43.5 5	PASS
Band1 2	3MHz	23165	16QA M	1	0	High	5000	1200 0	-59.3 6	PASS
Band1 2	3MHz	23165	16QA M	1	0	High	1200 0	2650 0	-44.3 9	PASS
Band1 2	5MHz	23035	QPSK	1	0	Low	30	1000	-36.1 9	PASS
Band1 2	5MHz	23035	QPSK	1	0	Low	1000	5000	-43.4 4	PASS
Band1 2	5MHz	23035	QPSK	1	0	Low	5000	1200 0	-59.1 4	PASS
Band1 2	5MHz	23035	QPSK	1	0	Low	1200 0	2650 0	-44.4 9	PASS
Band1 2	5MHz	23095	QPSK	1	0	Low	30	1000	-36.7 7	PASS
Band1 2	5MHz	23095	QPSK	1	0	Low	1000	5000	-43.3 5	PASS
Band1 2	5MHz	23095	QPSK	1	0	Low	5000	1200 0	-59.3 7	PASS
Band1 2	5MHz	23095	QPSK	1	0	Low	1200 0	2650 0	-44.3 3	PASS
Band1 2	5MHz	23155	QPSK	1	0	High	30	1000	-37.5 1	PASS
Band1 2	5MHz	23155	QPSK	1	0	High	1000	5000	-43.4 3	PASS
Band1 2	5MHz	23155	QPSK	1	0	High	5000	1200 0	-59.3 4	PASS
Band1 2	5MHz	23155	QPSK	1	0	High	1200 0	2650 0	-44.4 8	PASS
Band1 2	5MHz	23035	16QA M	1	0	Low	30	1000	-36.3 8	PASS

Band1 2	5MHz	23035	16QAM	1	0	Low	1000	5000	-42.8 7	PASS
Band1 2	5MHz	23035	16QAM	1	0	Low	5000	1200 0	-58.9 9	PASS
Band1 2	5MHz	23035	16QAM	1	0	Low	1200 0	2650 0	-44.4 3	PASS
Band1 2	5MHz	23095	16QAM	1	0	Low	30	1000	-37.7 3	PASS
Band1 2	5MHz	23095	16QAM	1	0	Low	1000	5000	-43.2 2	PASS
Band1 2	5MHz	23095	16QAM	1	0	Low	5000	1200 0	-59.2 2	PASS
Band1 2	5MHz	23095	16QAM	1	0	Low	1200 0	2650 0	-44.3 9	PASS
Band1 2	5MHz	23155	16QAM	1	0	High	30	1000	-37.5 5	PASS
Band1 2	5MHz	23155	16QAM	1	0	High	1000	5000	-43.5 3	PASS
Band1 2	5MHz	23155	16QAM	1	0	High	5000	1200 0	-59.1 6	PASS
Band1 2	5MHz	23155	16QAM	1	0	High	1200 0	2650 0	-44.5 2	PASS
Band1 2	10MHz	23060	QPSK	1	0	Low	30	1000	-37.5 3	PASS
Band1 2	10MHz	23060	QPSK	1	0	Low	1000	5000	-43.6 4	PASS
Band1 2	10MHz	23060	QPSK	1	0	Low	5000	1200 0	-59.3 1	PASS
Band1 2	10MHz	23060	QPSK	1	0	Low	1200 0	2650 0	-44.5 1	PASS
Band1 2	10MHz	23095	QPSK	1	0	Low	30	1000	-37.7 8	PASS
Band1 2	10MHz	23095	QPSK	1	0	Low	1000	5000	-43.3 2	PASS
Band1 2	10MHz	23095	QPSK	1	0	Low	5000	1200 0	-59.1 2	PASS
Band1 2	10MHz	23095	QPSK	1	0	Low	1200 0	2650 0	-44.4 2	PASS
Band1 2	10MHz	23130	QPSK	1	0	High	30	1000	-37.6 8	PASS
Band1 2	10MHz	23130	QPSK	1	0	High	1000	5000	-43.5 3	PASS
Band1 2	10MHz	23130	QPSK	1	0	High	5000	1200 0	-59.3 5	PASS

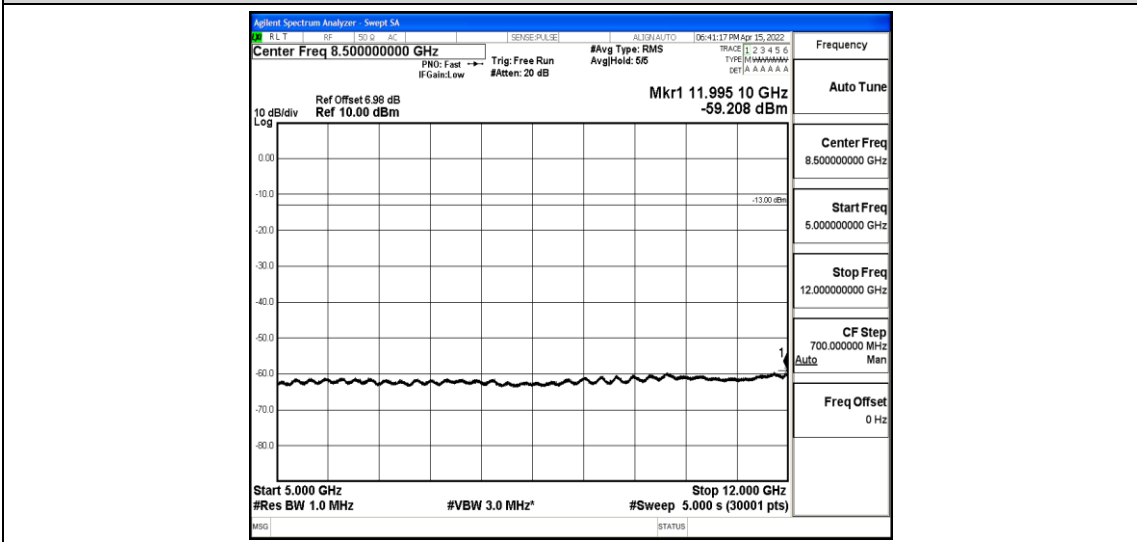
Band1 2	10MHz	23130	QPSK	1	0	High	1200 0	2650 0	-44.2 7	PASS
Band1 2	10MHz	23060	16QA M	1	0	Low	30	1000	-36.5 8	PASS
Band1 2	10MHz	23060	16QA M	1	0	Low	1000	5000	-42.8 7	PASS
Band1 2	10MHz	23060	16QA M	1	0	Low	5000	1200 0	-59.4 2	PASS
Band1 2	10MHz	23060	16QA M	1	0	Low	1200 0	2650 0	-44.5	PASS
Band1 2	10MHz	23095	16QA M	1	0	Low	30	1000	-37.5	PASS
Band1 2	10MHz	23095	16QA M	1	0	Low	1000	5000	-43.0 9	PASS
Band1 2	10MHz	23095	16QA M	1	0	Low	5000	1200 0	-59.2 6	PASS
Band1 2	10MHz	23095	16QA M	1	0	Low	1200 0	2650 0	-44.4 3	PASS
Band1 2	10MHz	23130	16QA M	1	0	High	30	1000	-36.9	PASS
Band1 2	10MHz	23130	16QA M	1	0	High	1000	5000	-43.4 7	PASS
Band1 2	10MHz	23130	16QA M	1	0	High	5000	1200 0	-59.2 6	PASS
Band1 2	10MHz	23130	16QA M	1	0	High	1200 0	2650 0	-44.1 7	PASS

Test Graphs

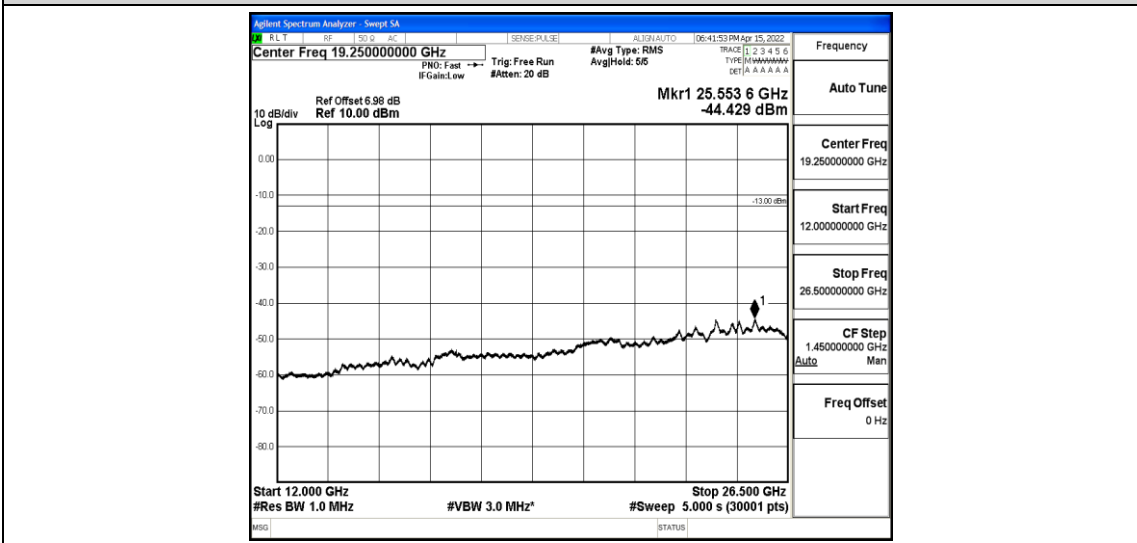




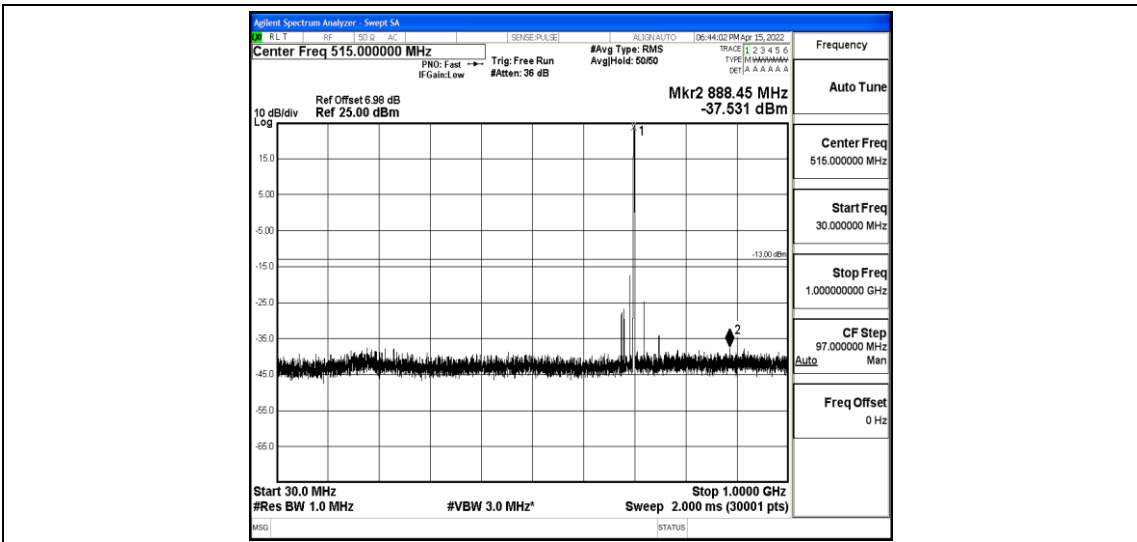
Band12-1.4MHz-QPSK-23017-1-0-Low-1000-5000--43.44-PASS



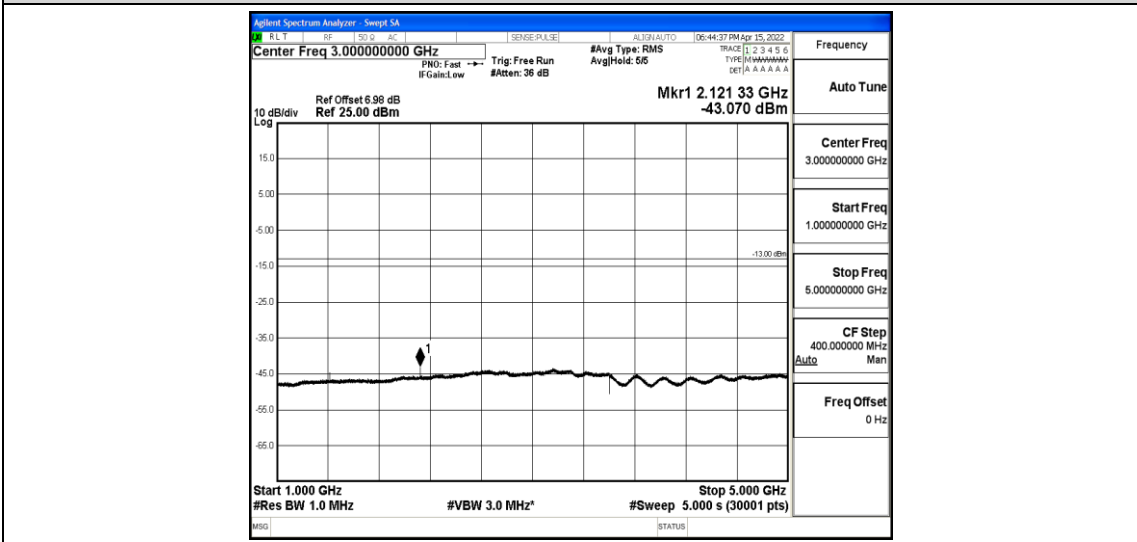
Band12-1.4MHz-QPSK-23017-1-0-Low-5000-12000--59.21-PASS



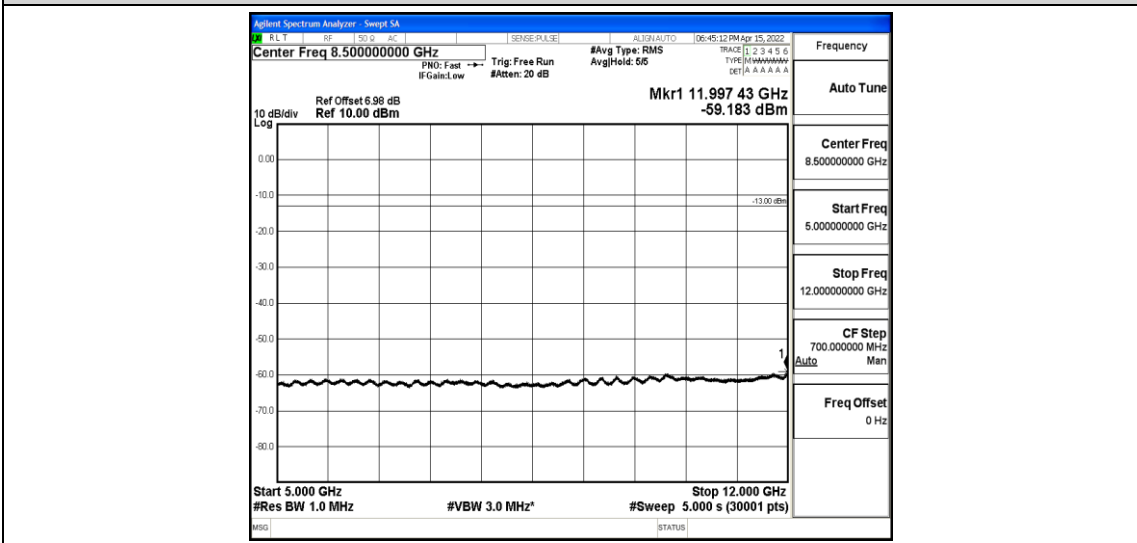
Band12-1.4MHz-QPSK-23017-1-0-Low-12000-26500--44.43-PASS



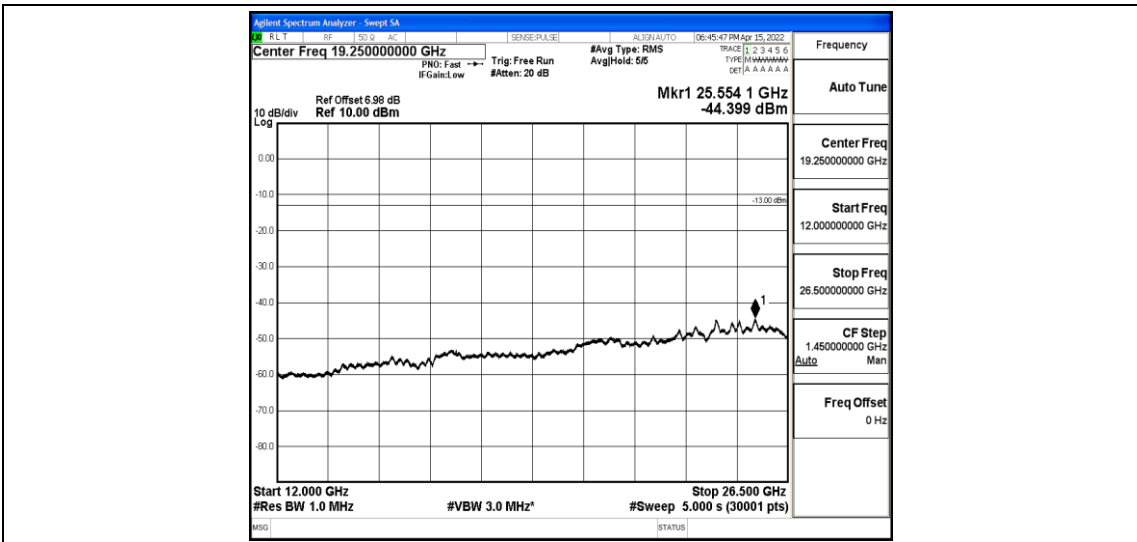
Band12-1.4MHz-QPSK-23095-1-0-Low-30-1000--37.53-PASS



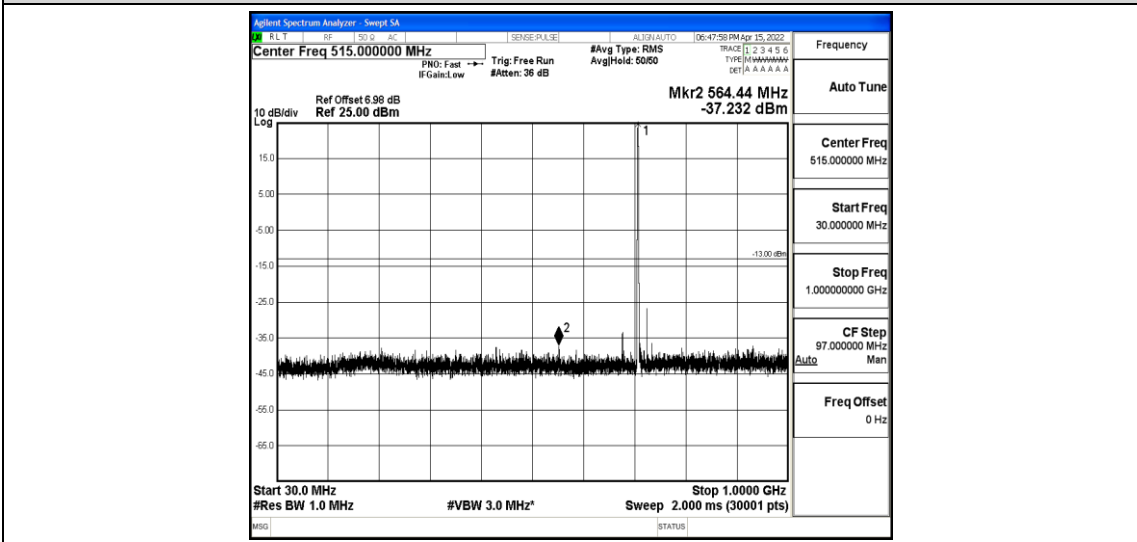
Band12-1.4MHz-QPSK-23095-1-0-Low-1000-5000--43.07-PASS



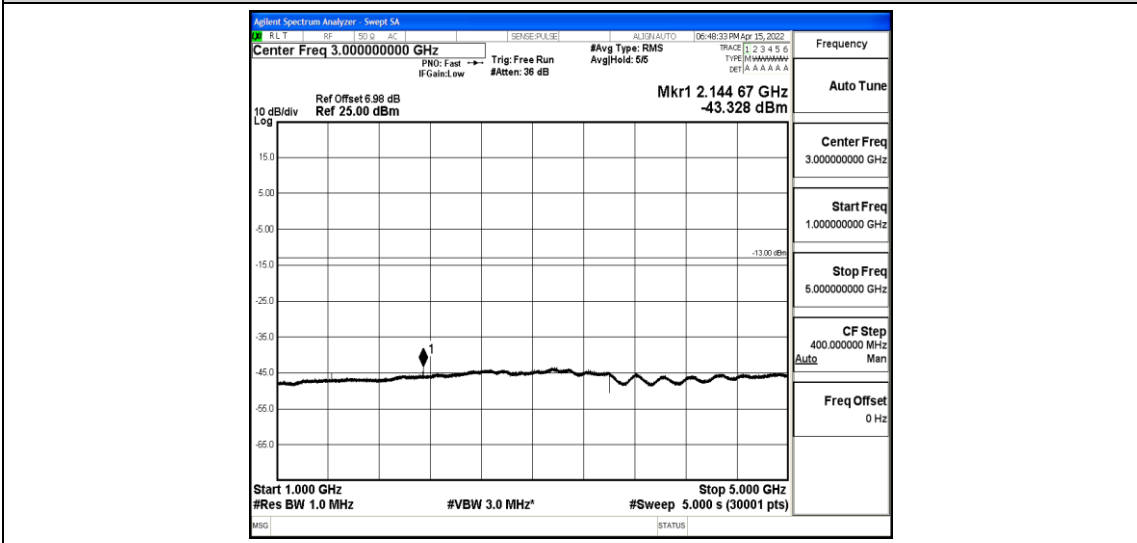
Band12-1.4MHz-QPSK-23095-1-0-Low-5000-12000--59.18-PASS



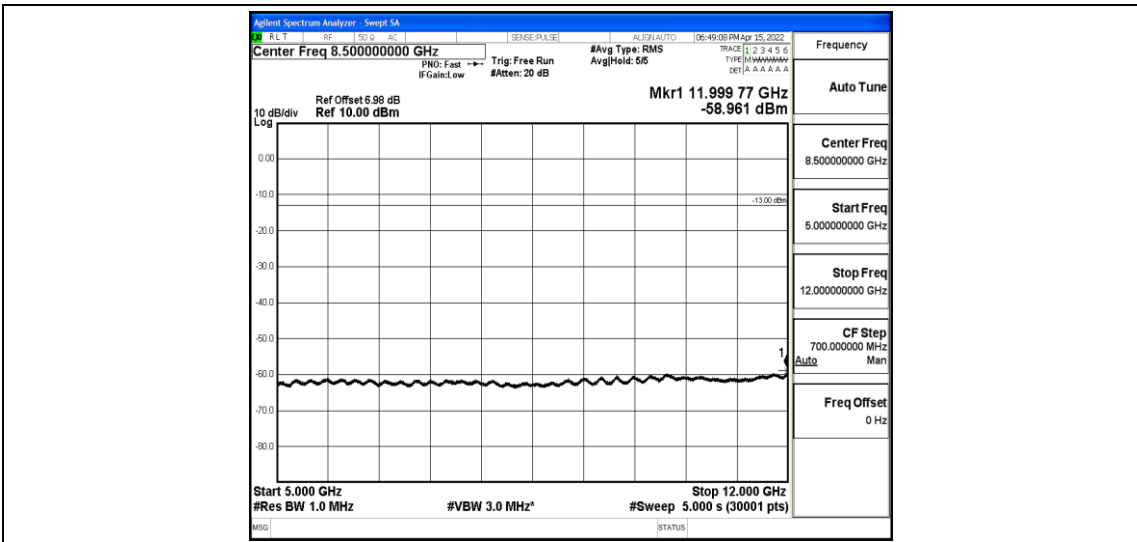
Band12-1.4MHz-QPSK-23095-1-0-Low-12000-26500--44.4-PASS



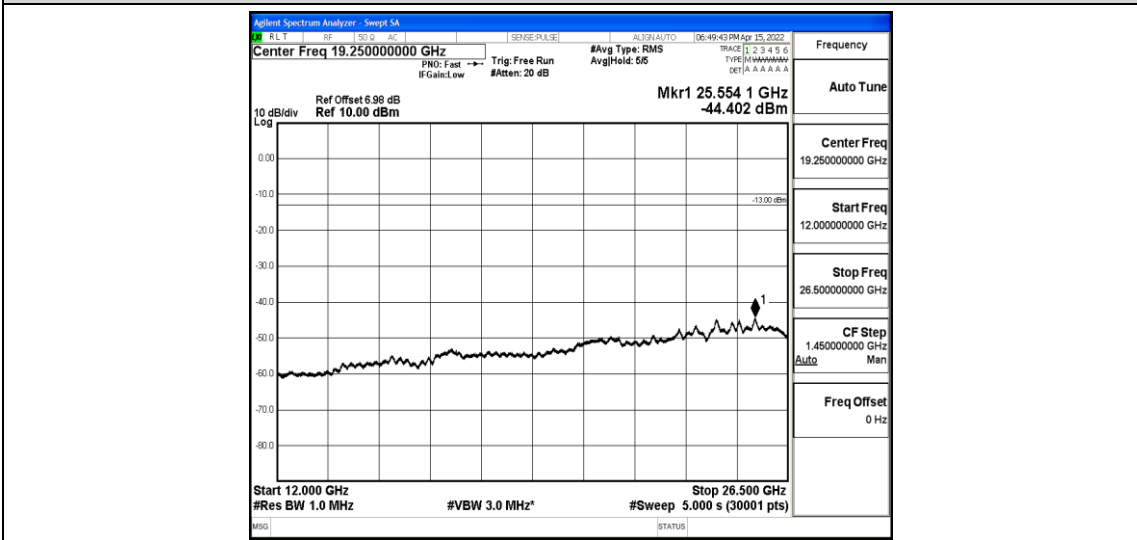
Band12-1.4MHz-QPSK-23173-1-0-High-30-1000--37.23-PASS



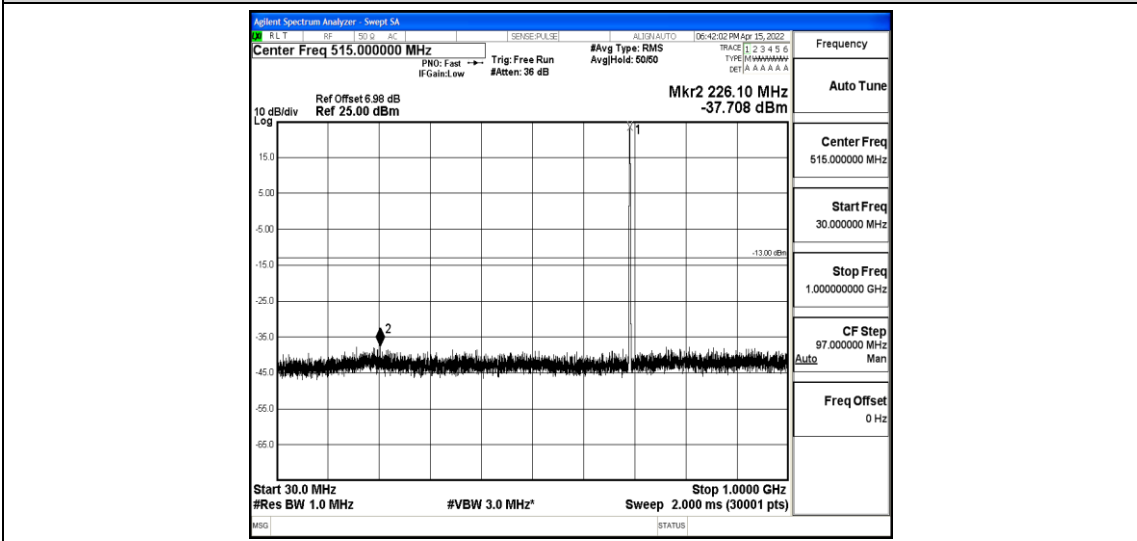
Band12-1.4MHz-QPSK-23173-1-0-High-1000-5000--43.33-PASS



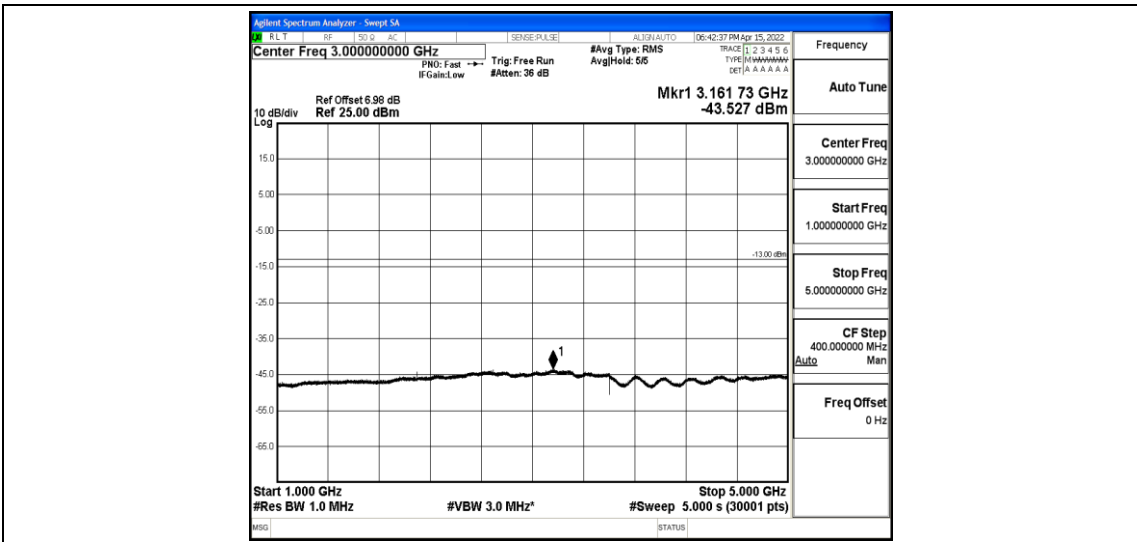
Band12-1.4MHz-QPSK-23173-1-0-High-5000-12000--58.96-PASS



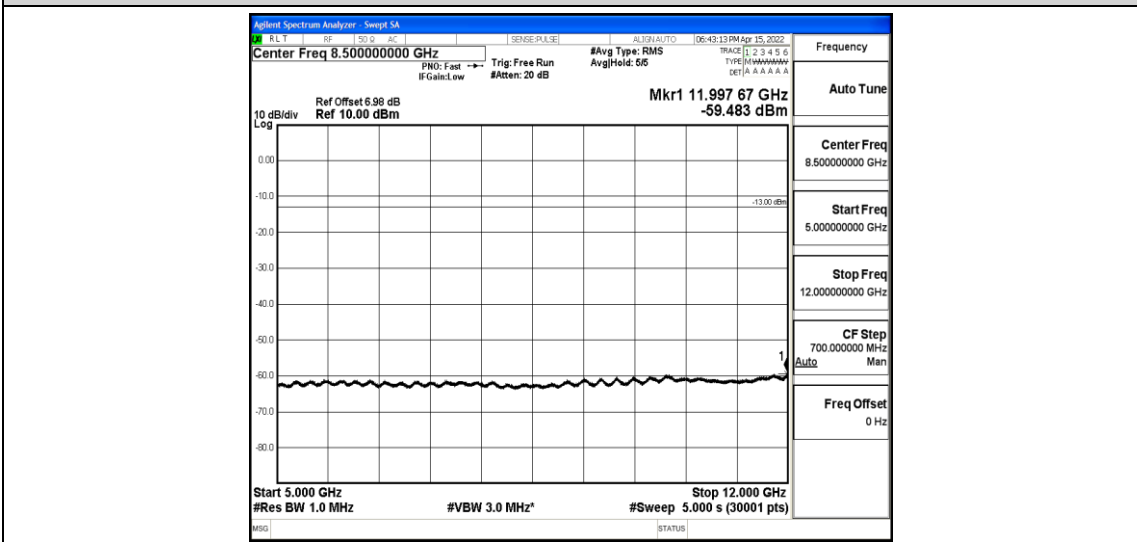
Band12-1.4MHz-QPSK-23173-1-0-High-12000-26500--44.4-PASS



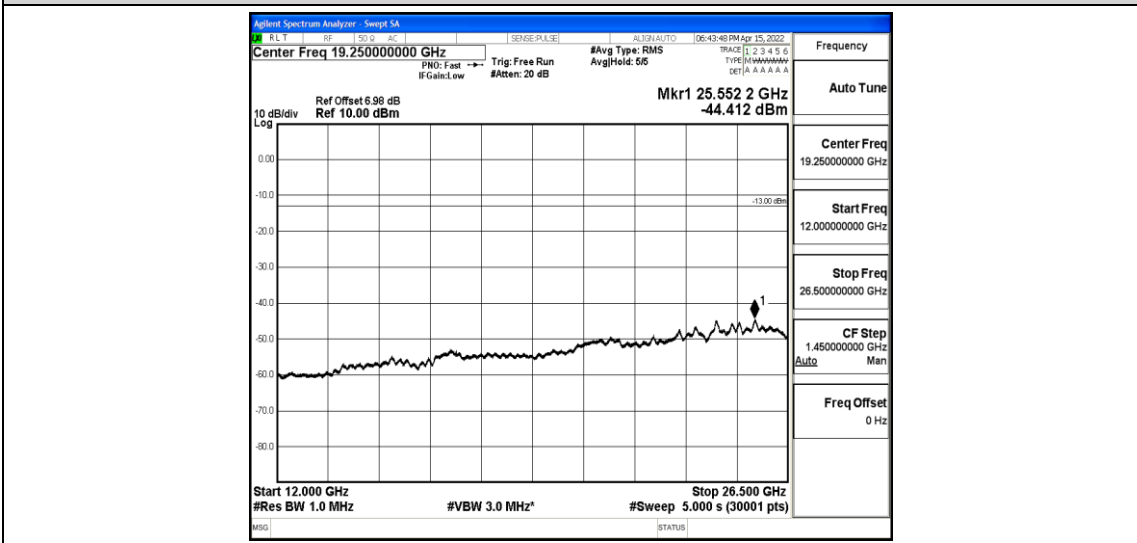
Band12-1.4MHz-16QAM-23017-1-0-Low-30-1000--37.71-PASS



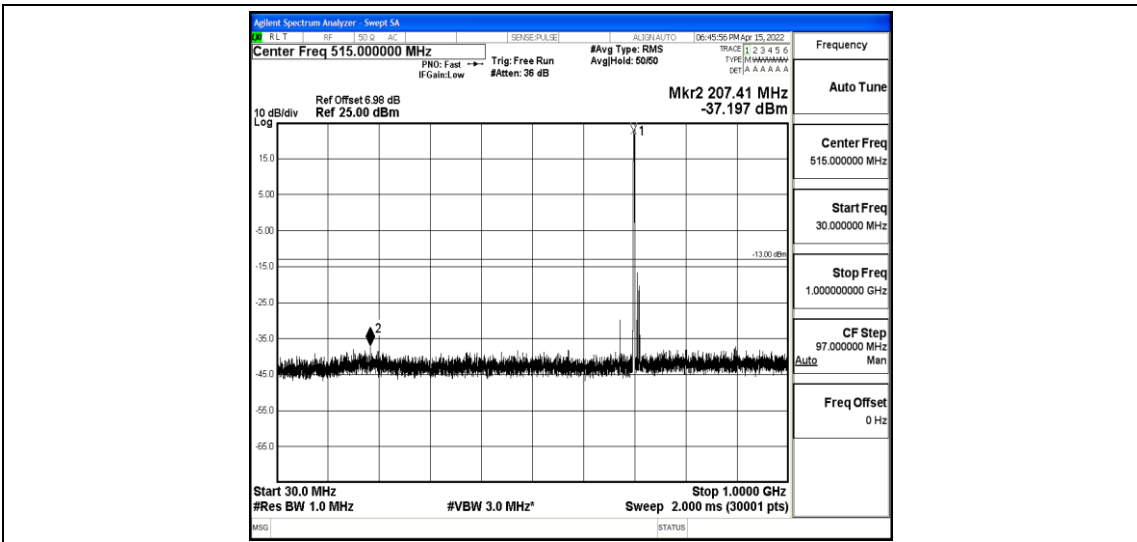
Band12-1.4MHz-16QAM-23017-1-0-Low-1000-5000--43.53-PASS



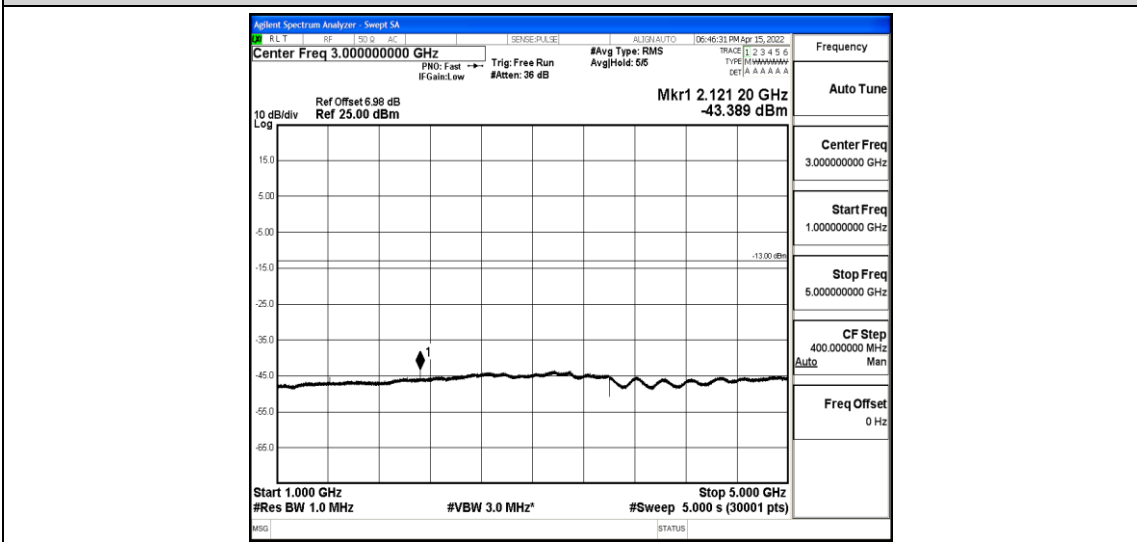
Band12-1.4MHz-16QAM-23017-1-0-Low-5000-12000--59.48-PASS



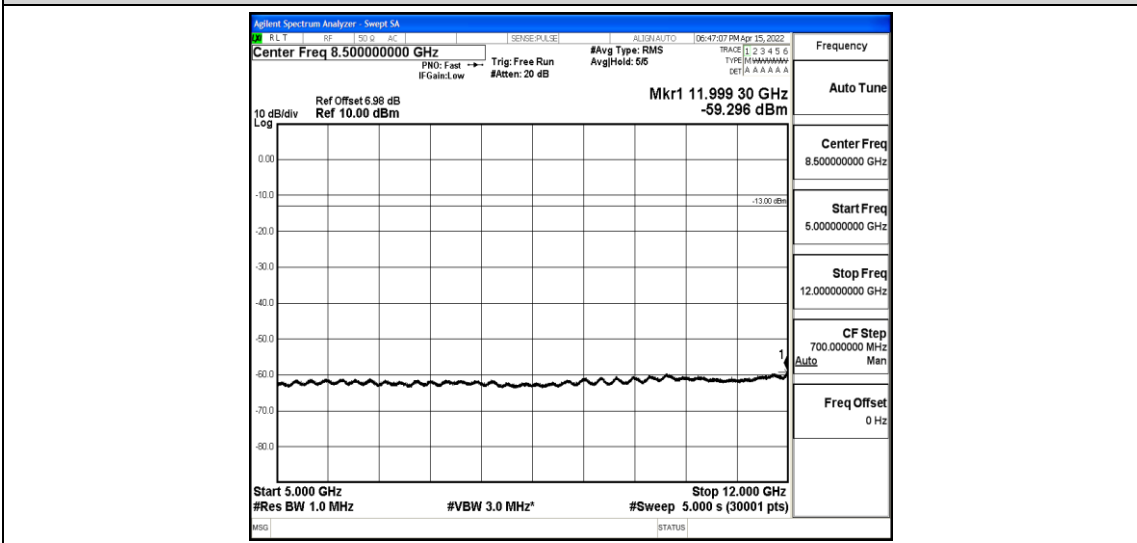
Band12-1.4MHz-16QAM-23017-1-0-Low-12000-26500--44.41-PASS



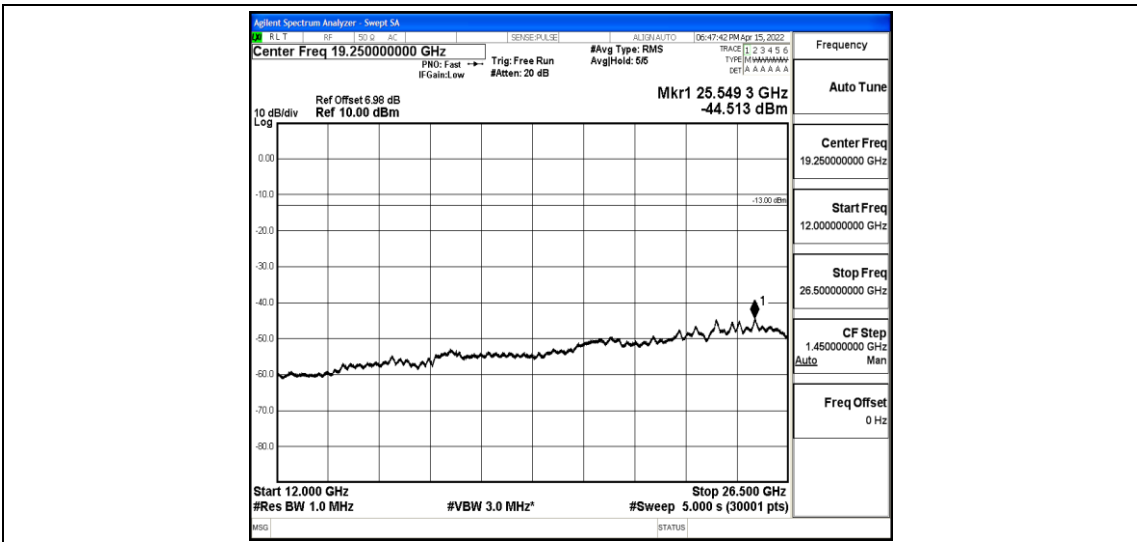
Band12-1.4MHz-16QAM-23095-1-0-Low-30-1000--37.2-PASS



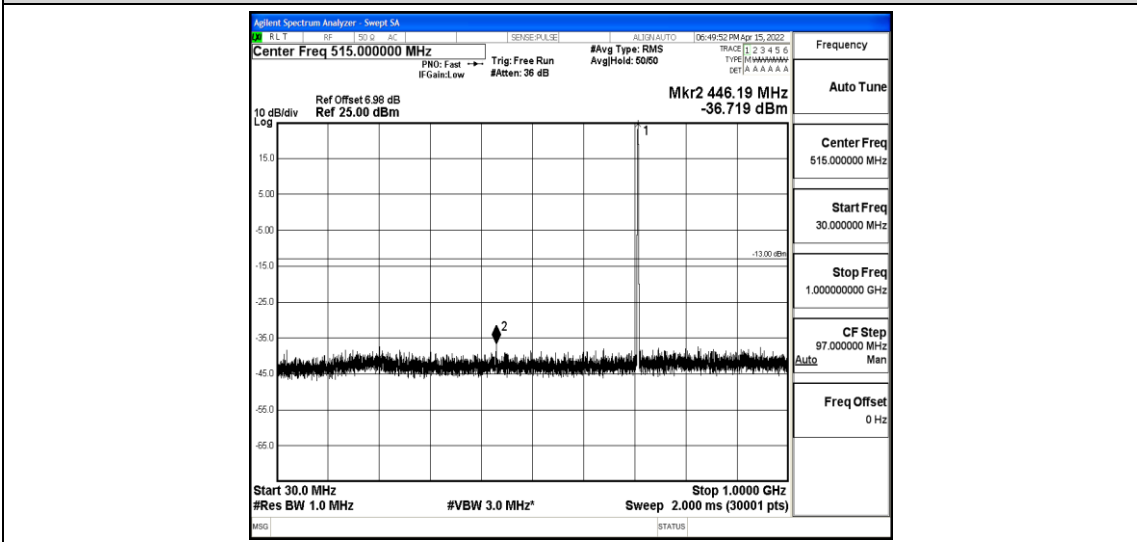
Band12-1.4MHz-16QAM-23095-1-0-Low-1000-5000--43.39-PASS



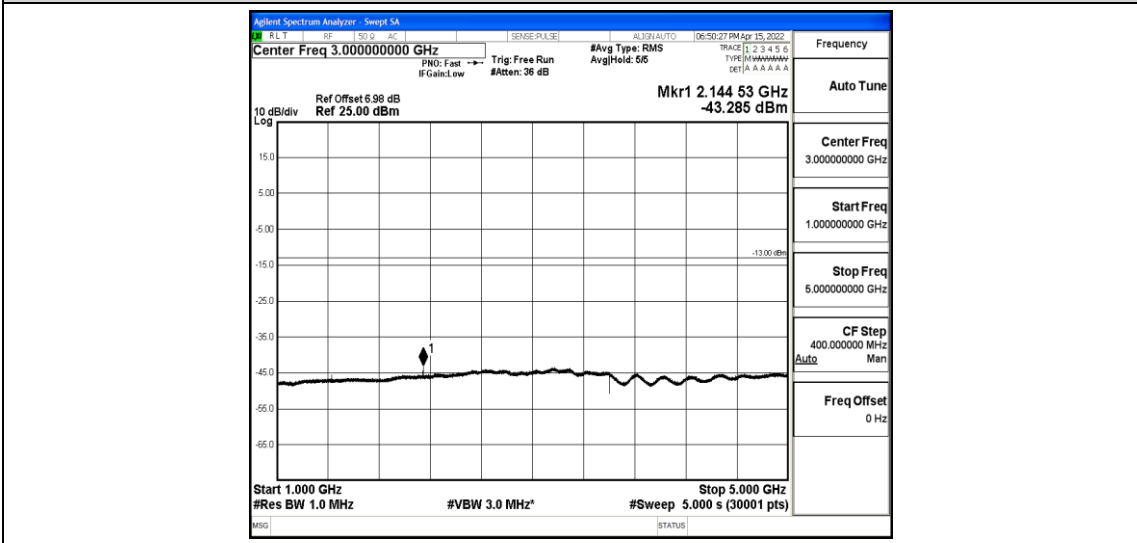
Band12-1.4MHz-16QAM-23095-1-0-Low-5000-12000--59.3-PASS



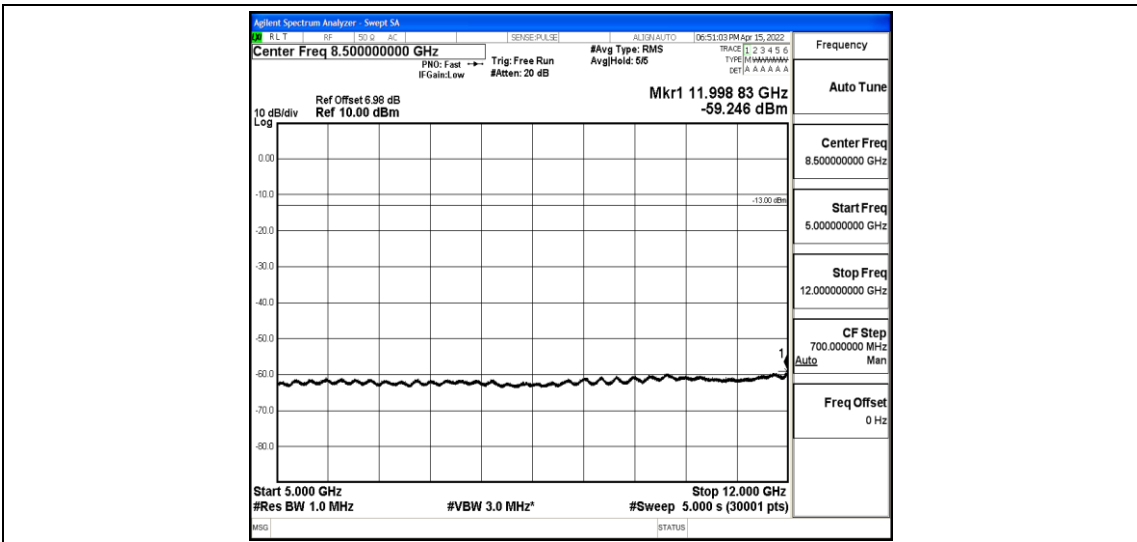
Band12-1.4MHz-16QAM-23095-1-0-Low-12000-26500--44.51-PASS



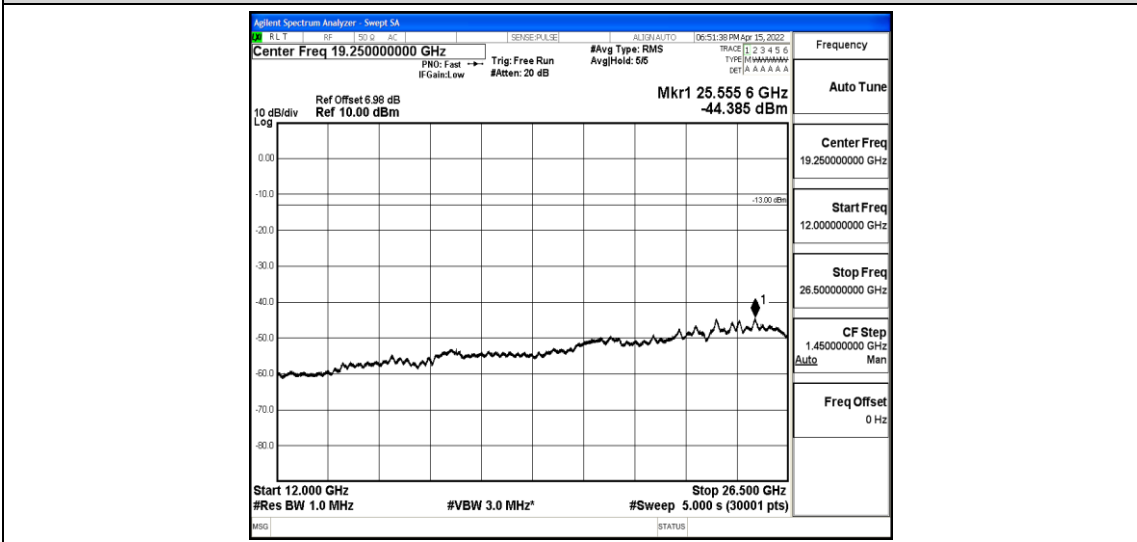
Band12-1.4MHz-16QAM-23173-1-0-High-30-1000--36.72-PASS



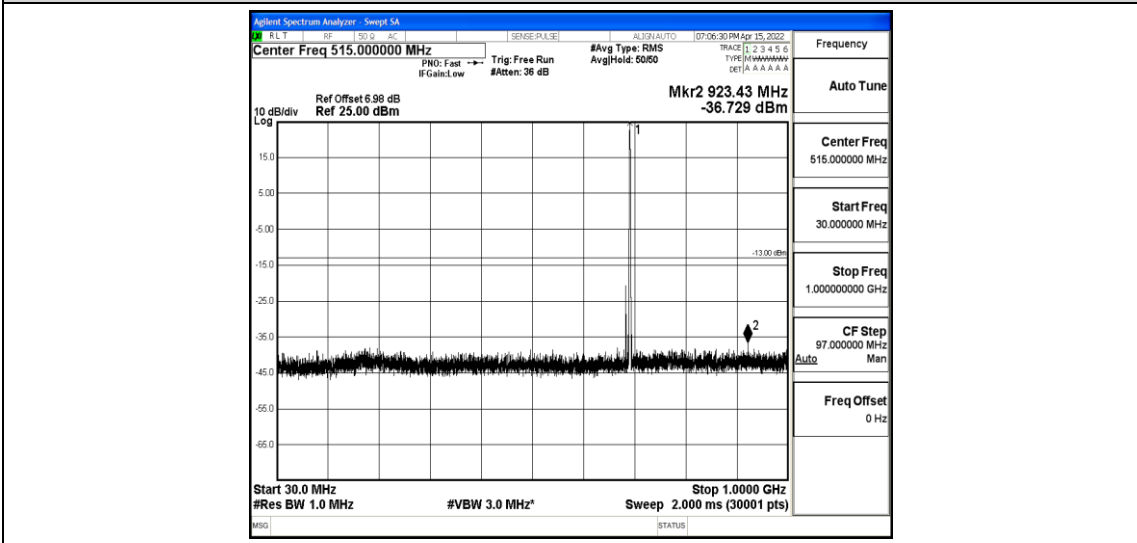
Band12-1.4MHz-16QAM-23173-1-0-High-1000-5000--43.29-PASS



Band12-1.4MHz-16QAM-23173-1-0-High-5000-12000--59.25-PASS



Band12-1.4MHz-16QAM-23173-1-0-High-12000-26500--44.39-PASS



Band12-3MHz-QPSK-23025-1-0-Low-30-1000--36.73-PASS