

Appendix H: Test Data for E-UTRA Band 12

Product Name: Smartphone

Trade Mark: S Smooth

Test Model: Smooth 6.5

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

H.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band12	1.4MHz	QPSK	23017	1RB#0	24.28	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.39	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.15	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.22	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.17	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	24.11	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	25.31	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	25.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	25.34	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	25.17	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	25.23	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	25.20	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	25.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	25.60	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	25.59	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	25.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	25.69	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	25.68	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	25.40	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	24.81	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.48	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.36	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.15	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.09	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.11	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	23.02	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	24.54	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	24.50	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	24.42	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	24.06	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	24.12	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	24.11	PASS

Band12	1.4MHz	16QAM	23095	6RB#0	24.08	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	24.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	25.02	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	24.50	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	24.37	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	24.68	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	24.67	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	23.94	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.54	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.68	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.59	PASS
Band12	3MHz	QPSK	23025	8RB#0	24.44	PASS
Band12	3MHz	QPSK	23025	8RB#4	24.40	PASS
Band12	3MHz	QPSK	23025	8RB#7	24.39	PASS
Band12	3MHz	QPSK	23025	15RB#0	24.31	PASS
Band12	3MHz	QPSK	23095	1RB#0	25.25	PASS
Band12	3MHz	QPSK	23095	1RB#14	25.22	PASS
Band12	3MHz	QPSK	23095	1RB#8	25.44	PASS
Band12	3MHz	QPSK	23095	8RB#0	24.94	PASS
Band12	3MHz	QPSK	23095	8RB#4	24.91	PASS
Band12	3MHz	QPSK	23095	8RB#7	24.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	24.81	PASS
Band12	3MHz	QPSK	23165	1RB#0	25.68	PASS
Band12	3MHz	QPSK	23165	1RB#8	25.51	PASS
Band12	3MHz	QPSK	23165	1RB#14	25.28	PASS
Band12	3MHz	QPSK	23165	8RB#7	24.75	PASS
Band12	3MHz	QPSK	23165	8RB#0	24.97	PASS
Band12	3MHz	QPSK	23165	8RB#4	24.96	PASS
Band12	3MHz	QPSK	23165	15RB#0	24.89	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.72	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.70	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.85	PASS
Band12	3MHz	16QAM	23025	8RB#4	23.45	PASS
Band12	3MHz	16QAM	23025	8RB#0	23.49	PASS
Band12	3MHz	16QAM	23025	8RB#7	23.43	PASS
Band12	3MHz	16QAM	23025	15RB#0	23.36	PASS
Band12	3MHz	16QAM	23095	1RB#0	24.32	PASS
Band12	3MHz	16QAM	23095	1RB#8	24.60	PASS

Band12	3MHz	16QAM	23095	1RB#14	24.23	PASS
Band12	3MHz	16QAM	23095	8RB#7	23.89	PASS
Band12	3MHz	16QAM	23095	8RB#0	23.75	PASS
Band12	3MHz	16QAM	23095	8RB#4	23.92	PASS
Band12	3MHz	16QAM	23095	15RB#0	23.76	PASS
Band12	3MHz	16QAM	23165	1RB#14	24.50	PASS
Band12	3MHz	16QAM	23165	1RB#8	24.53	PASS
Band12	3MHz	16QAM	23165	1RB#0	24.82	PASS
Band12	3MHz	16QAM	23165	8RB#0	24.14	PASS
Band12	3MHz	16QAM	23165	8RB#4	24.17	PASS
Band12	3MHz	16QAM	23165	8RB#7	24.00	PASS
Band12	3MHz	16QAM	23165	15RB#0	23.99	PASS
Band12	5MHz	QPSK	23035	1RB#12	25.00	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.87	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.54	PASS
Band12	5MHz	QPSK	23035	12RB#0	24.45	PASS
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Band12	5MHz	QPSK	23035	25RB#0	24.34	PASS
Band12	5MHz	QPSK	23095	1RB#0	25.13	PASS
Band12	5MHz	QPSK	23095	1RB#12	25.65	PASS
Band12	5MHz	QPSK	23095	1RB#24	25.14	PASS
Band12	5MHz	QPSK	23095	12RB#0	24.76	PASS
Band12	5MHz	QPSK	23095	12RB#13	24.83	PASS
Band12	5MHz	QPSK	23095	12RB#6	24.85	PASS
Band12	5MHz	QPSK	23095	25RB#0	24.79	PASS
Band12	5MHz	QPSK	23155	1RB#24	25.25	PASS
Band12	5MHz	QPSK	23155	1RB#12	25.43	PASS
Band12	5MHz	QPSK	23155	1RB#0	25.32	PASS
Band12	5MHz	QPSK	23155	12RB#6	24.80	PASS
Band12	5MHz	QPSK	23155	12RB#13	24.75	PASS
Band12	5MHz	QPSK	23155	12RB#0	24.81	PASS
Band12	5MHz	QPSK	23155	25RB#0	24.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.85	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.93	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.48	PASS
Band12	5MHz	16QAM	23035	12RB#0	23.44	PASS
Band12	5MHz	16QAM	23035	12RB#6	23.39	PASS

Band12	5MHz	16QAM	23035	12RB#13	23.49	PASS
Band12	5MHz	16QAM	23035	25RB#0	23.37	PASS
Band12	5MHz	16QAM	23095	1RB#12	24.63	PASS
Band12	5MHz	16QAM	23095	1RB#24	24.14	PASS
Band12	5MHz	16QAM	23095	1RB#0	24.14	PASS
Band12	5MHz	16QAM	23095	12RB#6	23.86	PASS
Band12	5MHz	16QAM	23095	12RB#0	23.88	PASS
Band12	5MHz	16QAM	23095	12RB#13	23.73	PASS
Band12	5MHz	16QAM	23095	25RB#0	23.72	PASS
Band12	5MHz	16QAM	23155	1RB#24	24.34	PASS
Band12	5MHz	16QAM	23155	1RB#0	24.26	PASS
Band12	5MHz	16QAM	23155	1RB#12	24.35	PASS
Band12	5MHz	16QAM	23155	12RB#0	23.85	PASS
Band12	5MHz	16QAM	23155	12RB#6	23.98	PASS
Band12	5MHz	16QAM	23155	12RB#13	23.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	23.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	25.06	PASS
Band12	10MHz	QPSK	23060	1RB#0	25.58	PASS
Band12	10MHz	QPSK	23060	1RB#24	25.52	PASS
Band12	10MHz	QPSK	23060	25RB#0	24.59	PASS
Band12	10MHz	QPSK	23060	25RB#12	24.50	PASS
Band12	10MHz	QPSK	23060	25RB#25	24.84	PASS
Band12	10MHz	QPSK	23060	50RB#0	24.79	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.99	PASS
Band12	10MHz	QPSK	23095	1RB#49	25.02	PASS
Band12	10MHz	QPSK	23095	1RB#24	25.59	PASS
Band12	10MHz	QPSK	23095	25RB#25	24.89	PASS
Band12	10MHz	QPSK	23095	25RB#12	24.87	PASS
Band12	10MHz	QPSK	23095	25RB#0	24.91	PASS
Band12	10MHz	QPSK	23095	50RB#0	24.81	PASS
Band12	10MHz	QPSK	23130	1RB#24	25.52	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.50	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.88	PASS
Band12	10MHz	QPSK	23130	25RB#25	24.94	PASS
Band12	10MHz	QPSK	23130	25RB#0	24.98	PASS
Band12	10MHz	QPSK	23130	25RB#12	24.94	PASS
Band12	10MHz	QPSK	23130	50RB#0	24.87	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.37	PASS

Band12	10MHz	16QAM	23060	1RB#49	24.21	PASS
Band12	10MHz	16QAM	23060	1RB#24	24.65	PASS
Band12	10MHz	16QAM	23060	25RB#12	23.51	PASS
Band12	10MHz	16QAM	23060	25RB#0	23.59	PASS
Band12	10MHz	16QAM	23060	25RB#25	24.06	PASS
Band12	10MHz	16QAM	23060	50RB#0	23.69	PASS
Band12	10MHz	16QAM	23095	1RB#49	24.15	PASS
Band12	10MHz	16QAM	23095	1RB#24	24.75	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.12	PASS
Band12	10MHz	16QAM	23095	25RB#12	23.86	PASS
Band12	10MHz	16QAM	23095	25RB#0	23.83	PASS
Band12	10MHz	16QAM	23095	25RB#25	23.78	PASS
Band12	10MHz	16QAM	23095	50RB#0	23.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.69	PASS
Band12	10MHz	16QAM	23130	1RB#24	24.68	PASS
Band12	10MHz	16QAM	23130	1RB#49	24.13	PASS
Band12	10MHz	16QAM	23130	25RB#0	23.83	PASS
Band12	10MHz	16QAM	23130	25RB#12	23.93	PASS
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Band12	10MHz	16QAM	23130	50RB#0	23.82	PASS

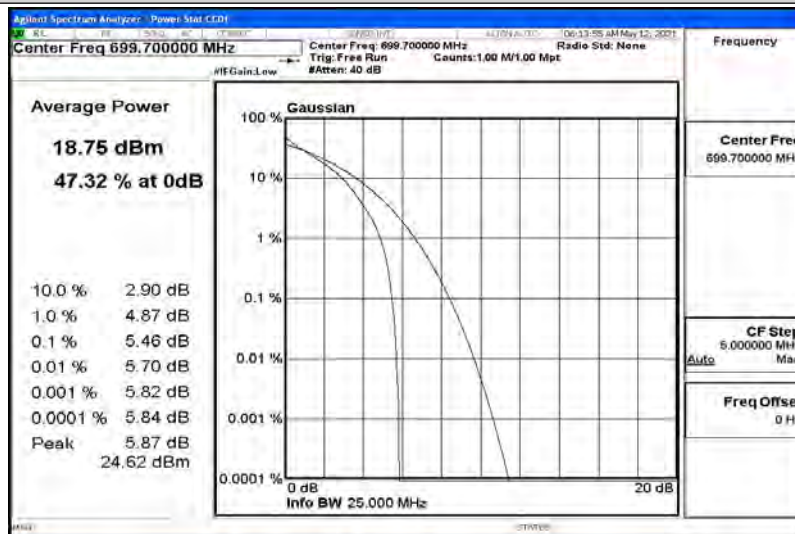
H.2 Peak-to-Average Ratio(CCDF)

Test Result

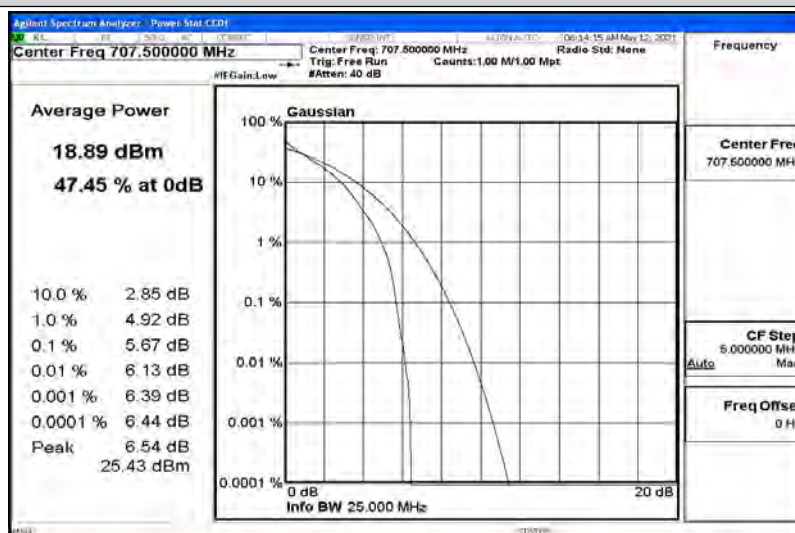
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.46	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.67	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.27	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.36	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.41	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.08	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.29	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	6.39	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.19	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.16	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.43	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.13	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.52	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.63	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.15	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.55	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.41	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.67	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.92	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.08	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.45	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.43	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.97	13	PASS

Test Graphs

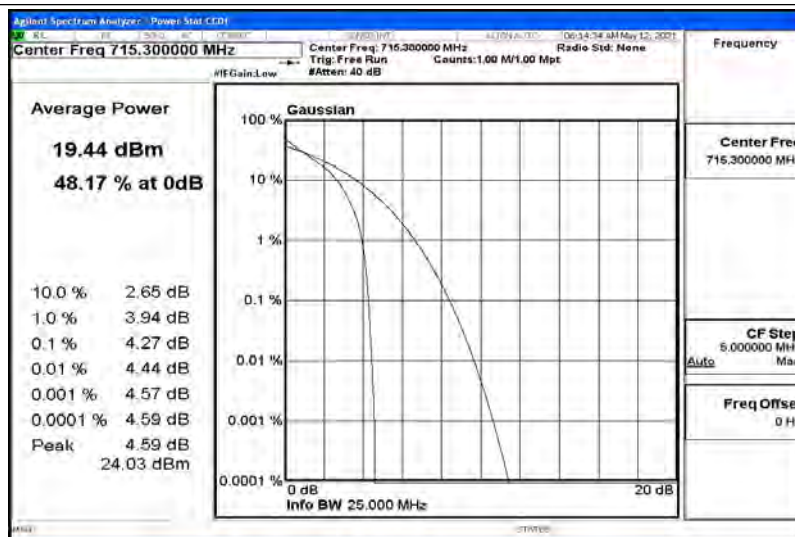
Band12-1.4MHz-QPSK-23017-6RB#0



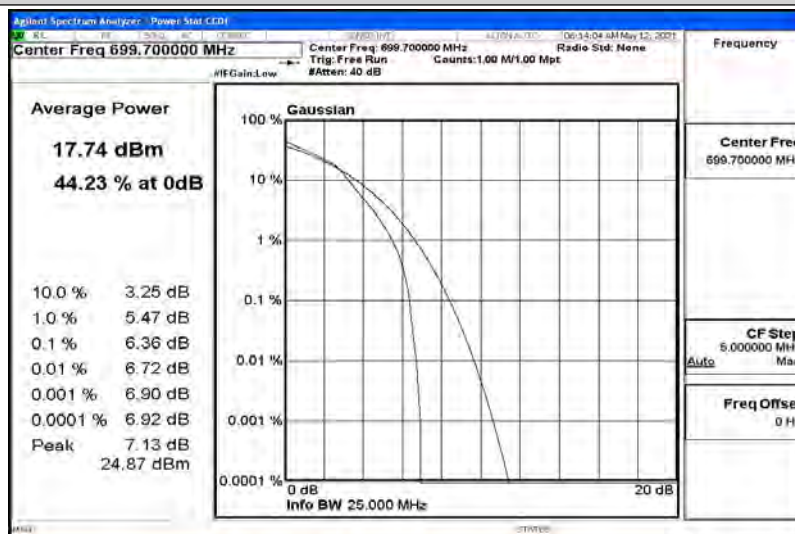
Band12-1.4MHz-QPSK-23095-6RB#0



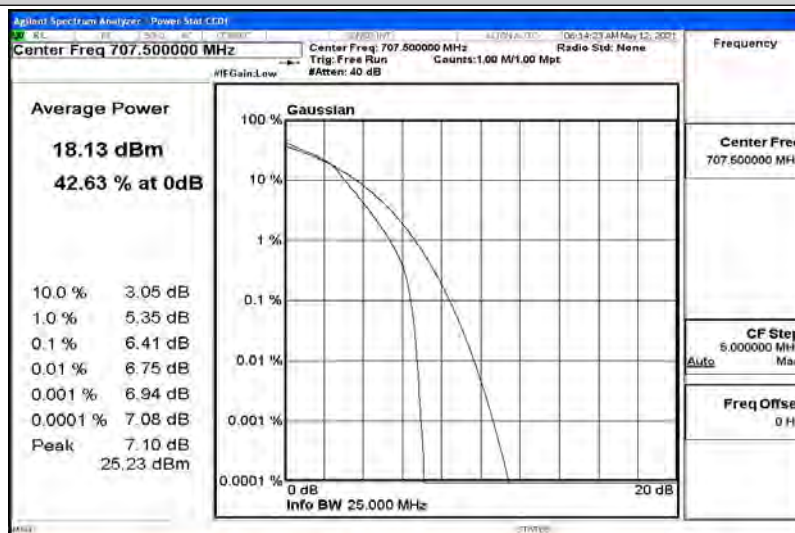
Band12-1.4MHz-QPSK-23173-6RB#0



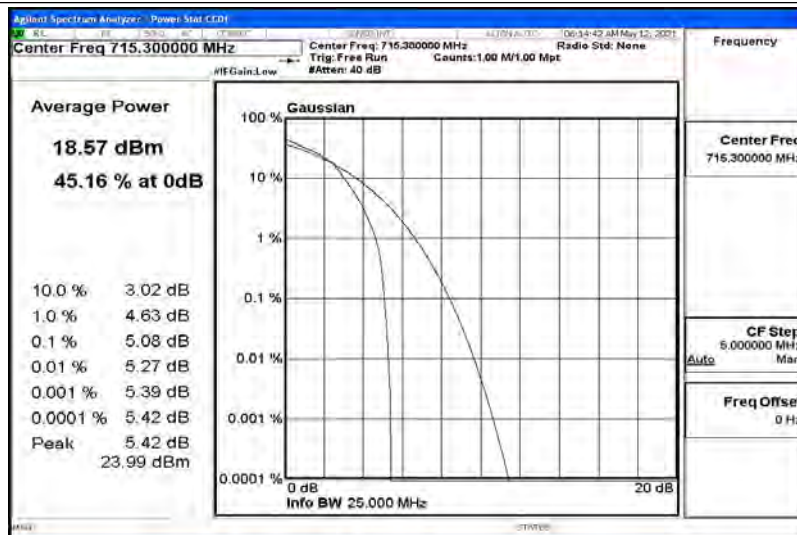
Band12-1.4MHz-16QAM-23017-6RB#0



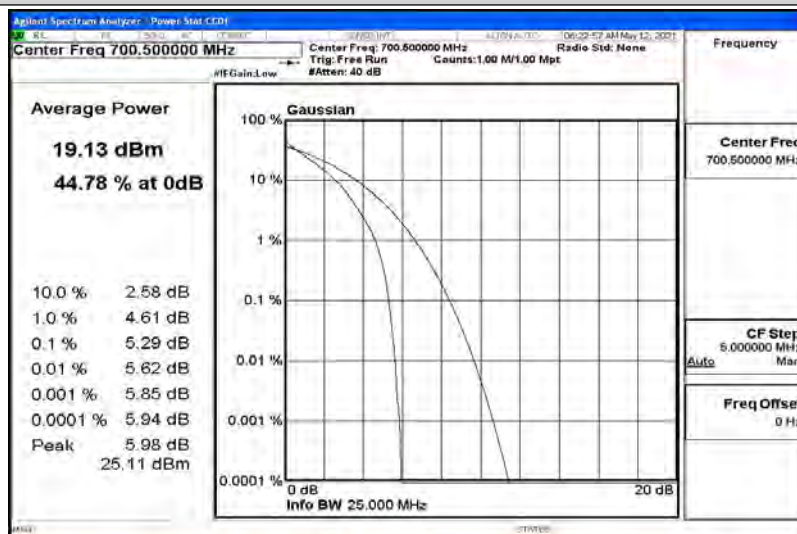
Band12-1.4MHz-16QAM-23095-6RB#0



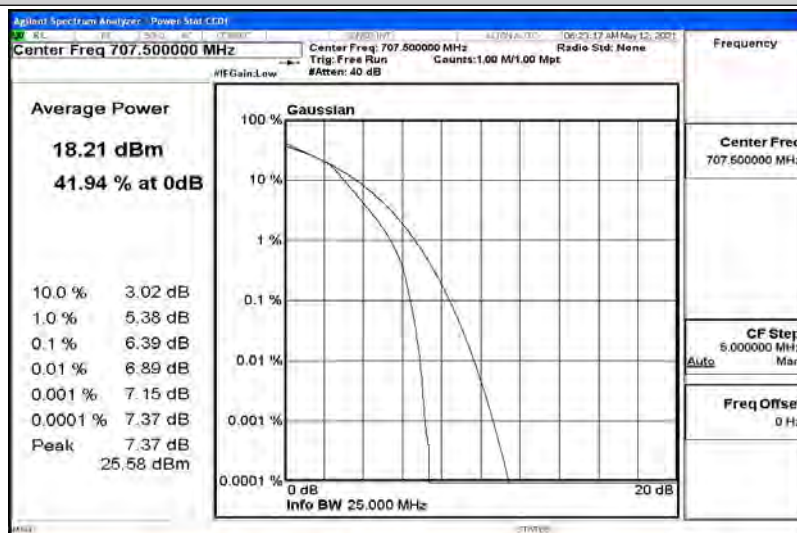
Band12-1.4MHz-16QAM-23173-6RB#0



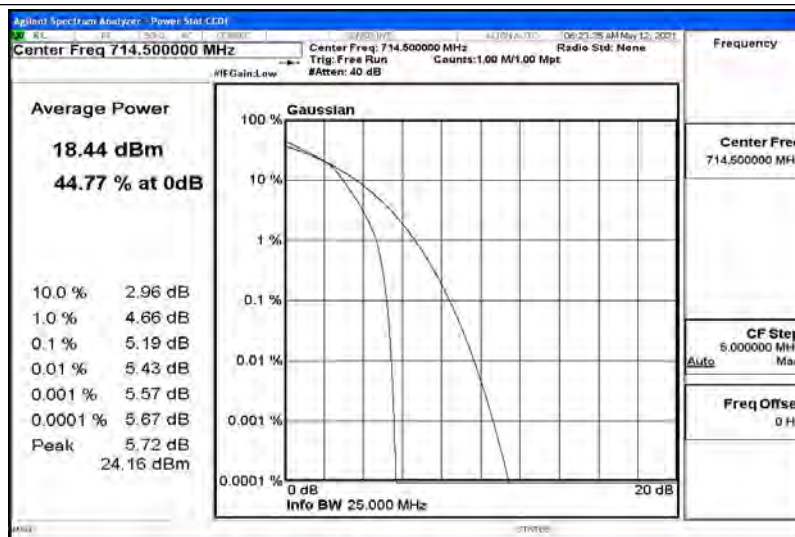
Band12-3MHz-QPSK-23025-15RB#0



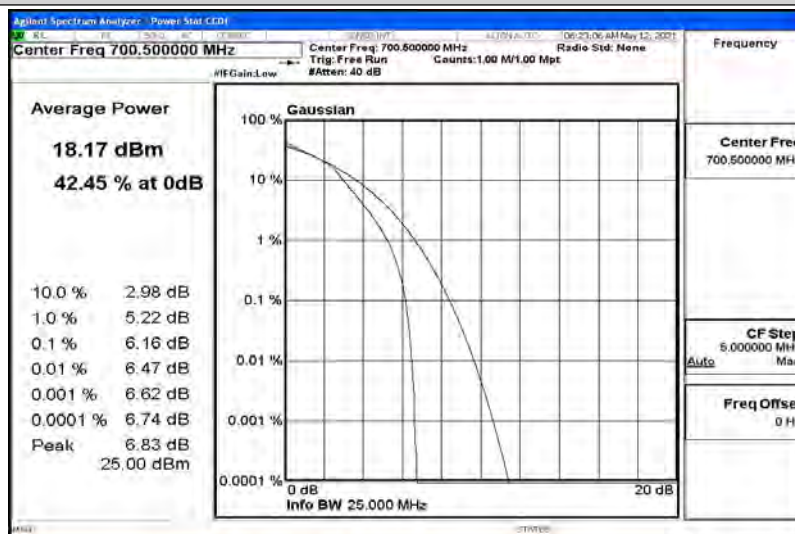
Band12-3MHz-QPSK-23095-15RB#0



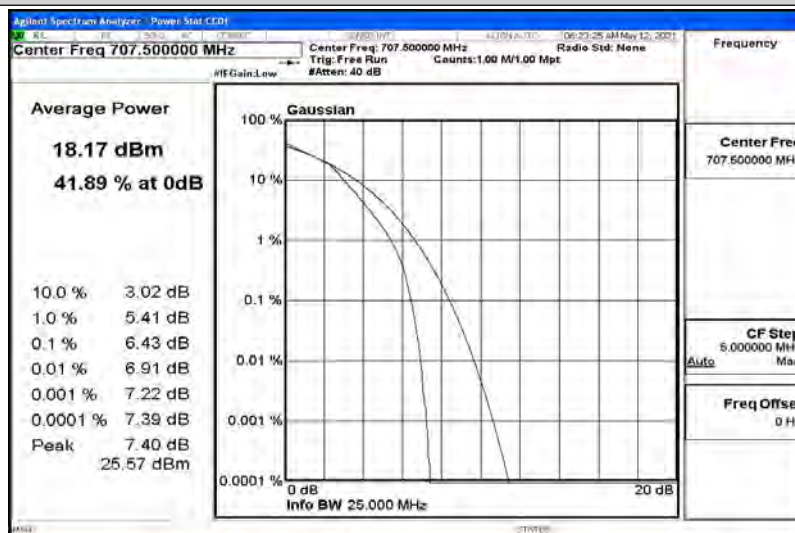
Band12-3MHz-QPSK-23165-15RB#0



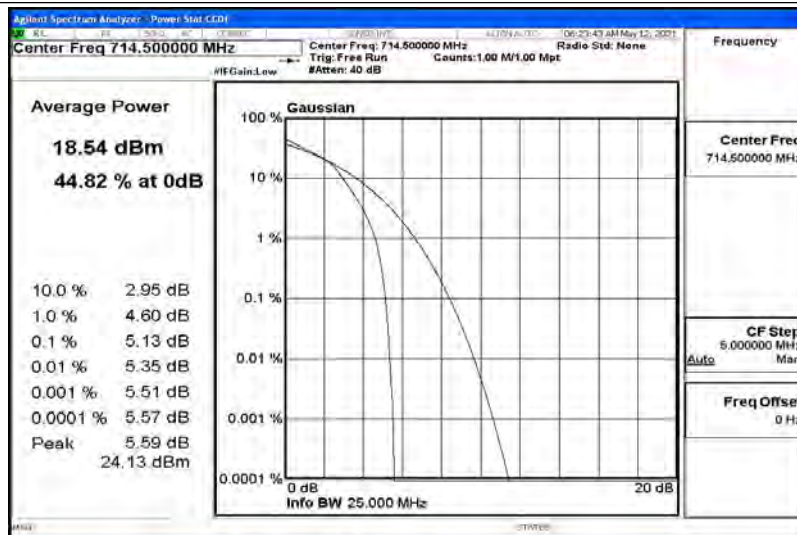
Band12-3MHz-16QAM-23025-15RB#0



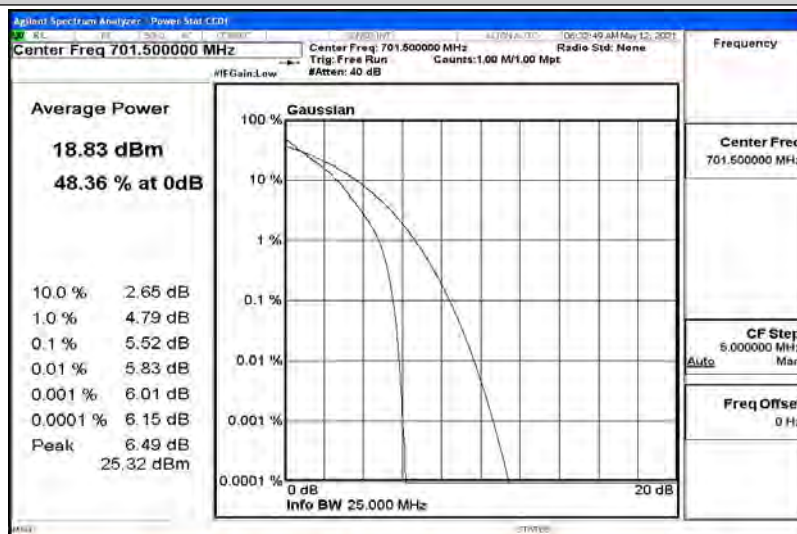
Band12-3MHz-16QAM-23095-15RB#0



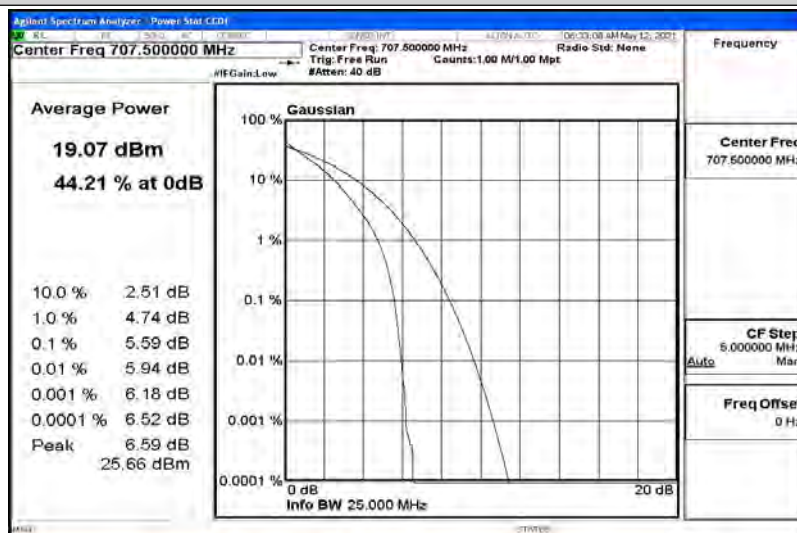
Band12-3MHz-16QAM-23165-15RB#0



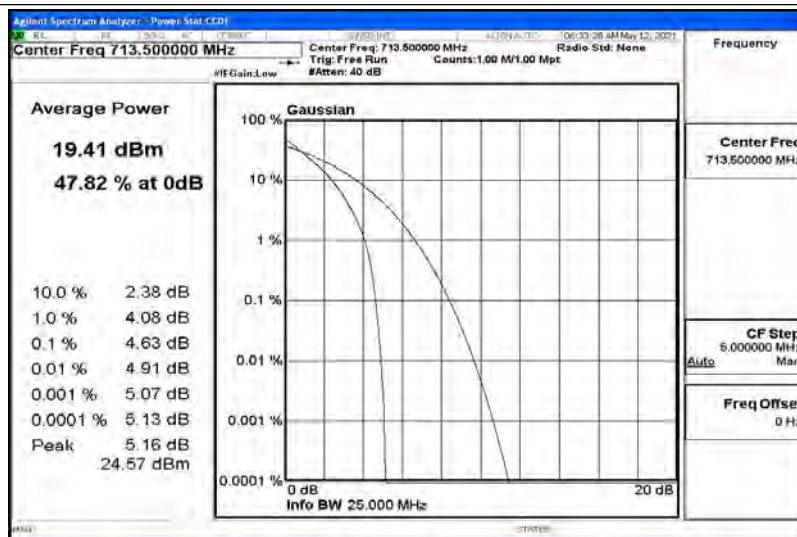
Band12-5MHz-QPSK-23035-25RB#0



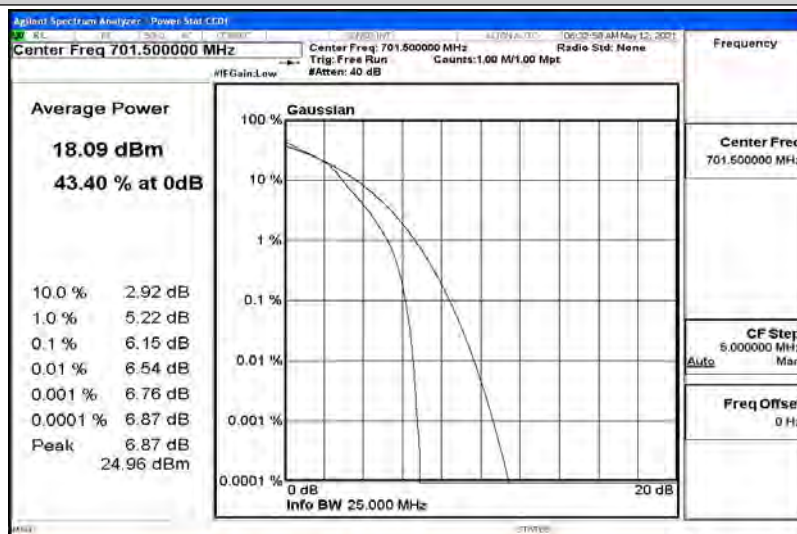
Band12-5MHz-QPSK-23095-25RB#0



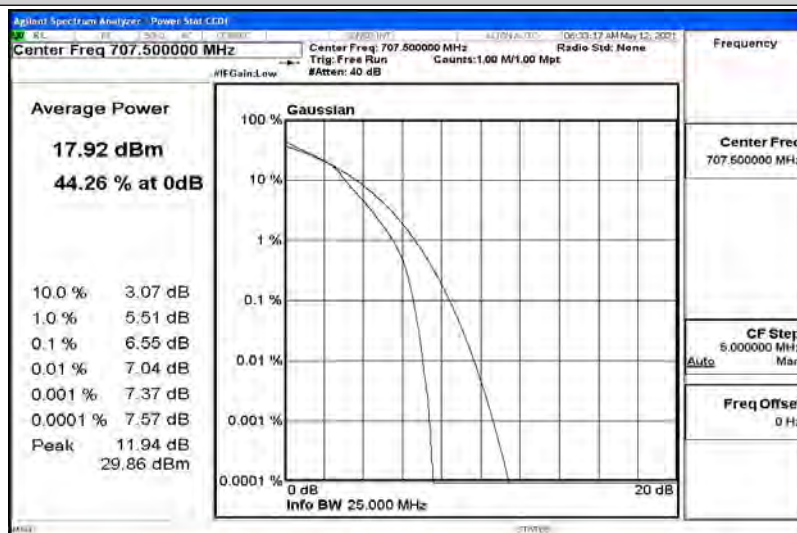
Band12-5MHz-QPSK-23155-25RB#0



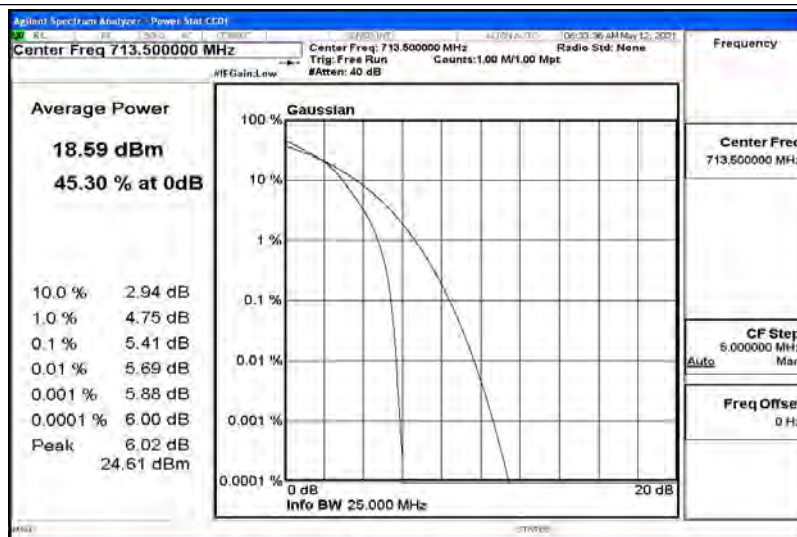
Band12-5MHz-16QAM-23035-25RB#0



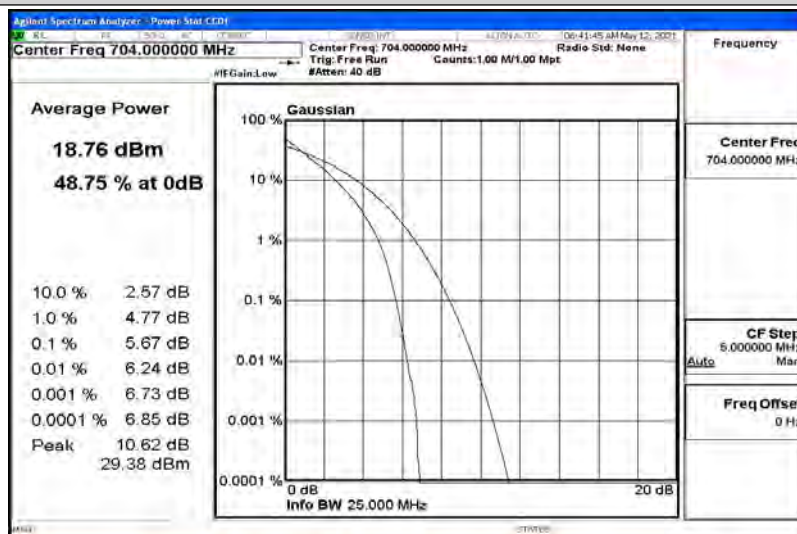
Band12-5MHz-16QAM-23095-25RB#0



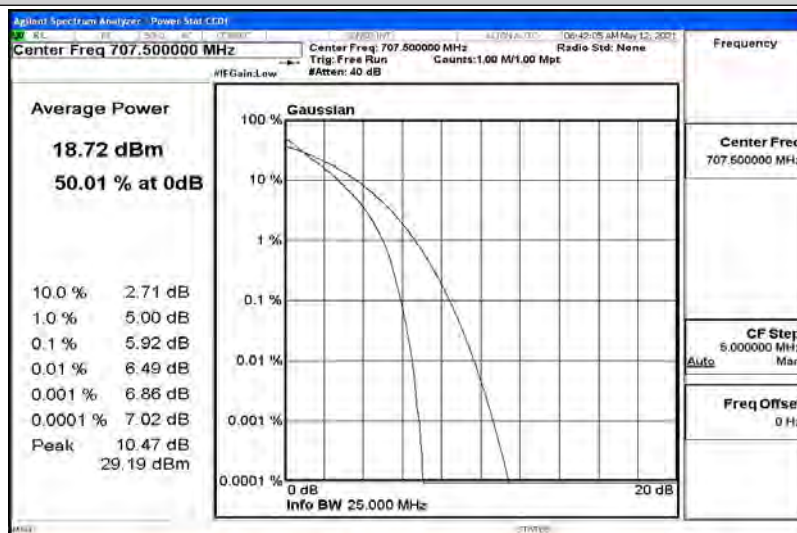
Band12-5MHz-16QAM-23155-25RB#0



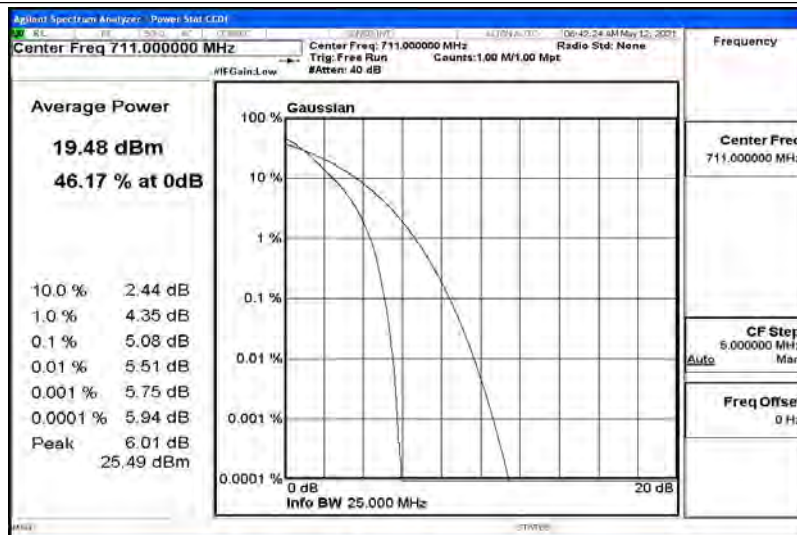
Band12-10MHz-QPSK-23060-50RB#0



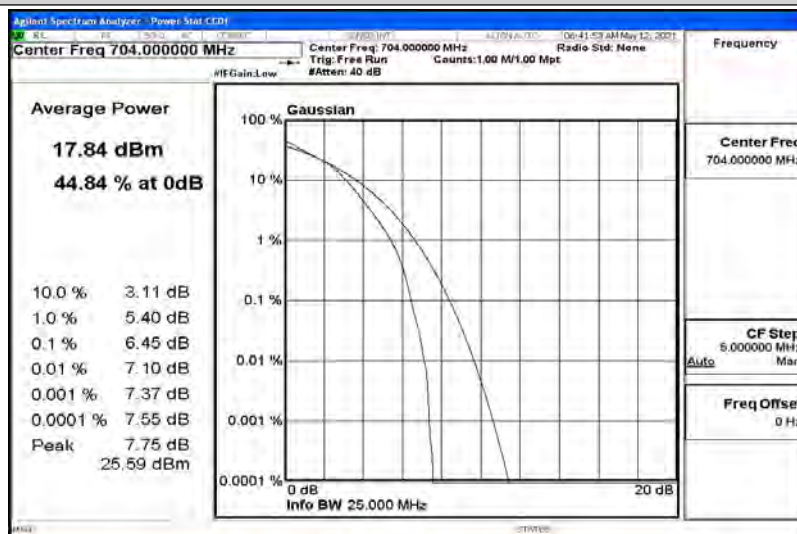
Band12-10MHz-QPSK-23095-50RB#0



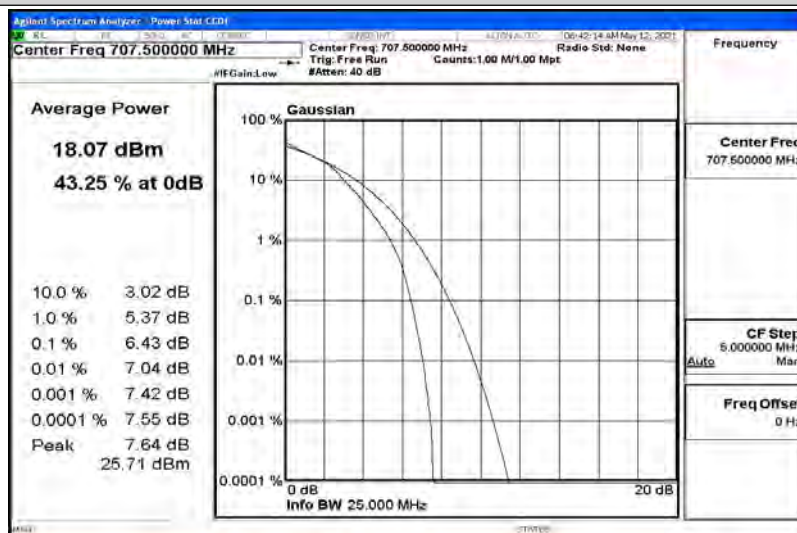
Band12-10MHz-QPSK-23130-50RB#0



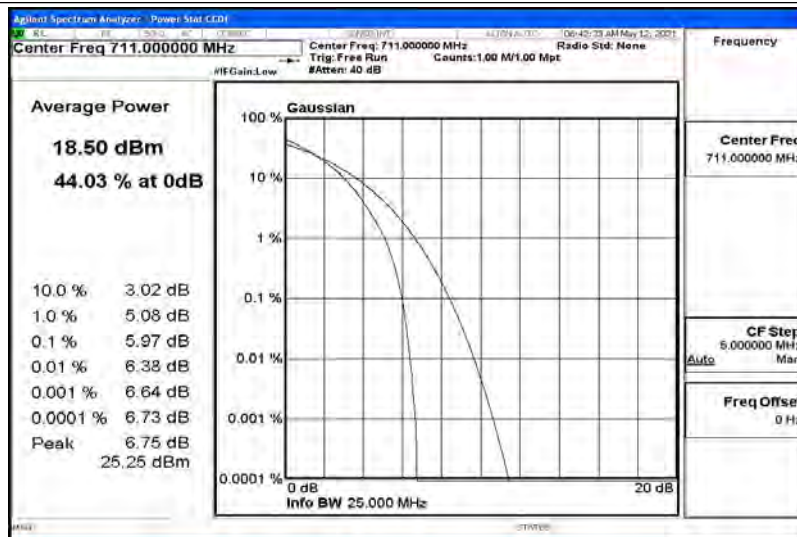
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



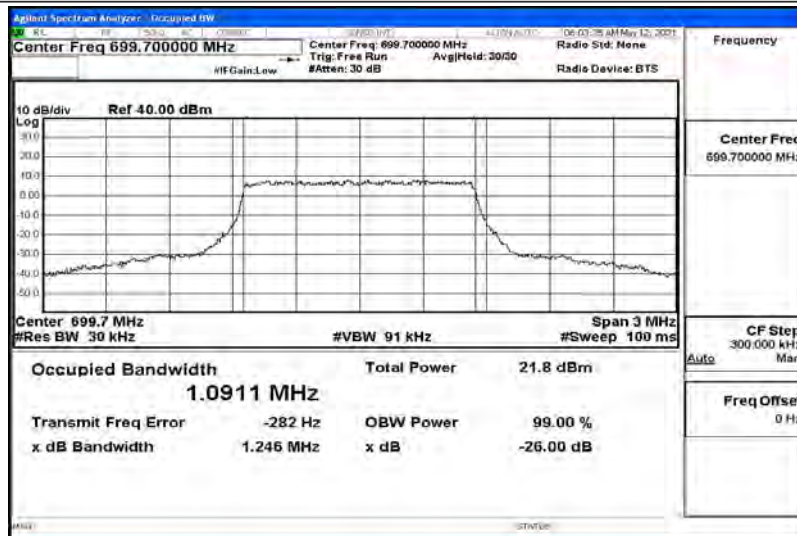
H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

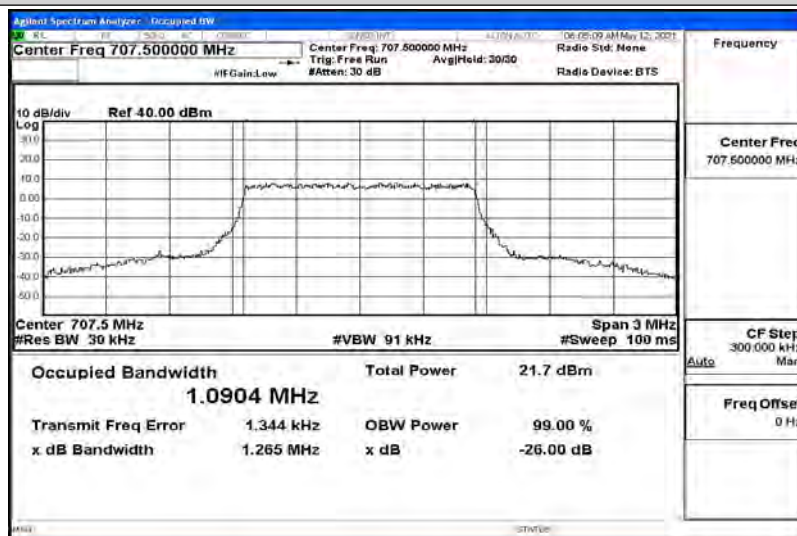
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0911	1.246	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0904	1.265	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0918	1.244	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0858	1.258	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0916	1.261	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0916	1.258	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6852	2.894	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6974	2.910	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6935	2.921	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6935	2.899	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6913	2.928	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6881	2.906	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4967	4.892	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5040	4.874	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4886	4.858	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4097	4.785	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5059	4.878	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4903	4.841	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9589	9.535	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9746	9.582	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9485	9.514	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9444	9.515	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9687	9.561	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9484	9.504	PASS

Test Graphs

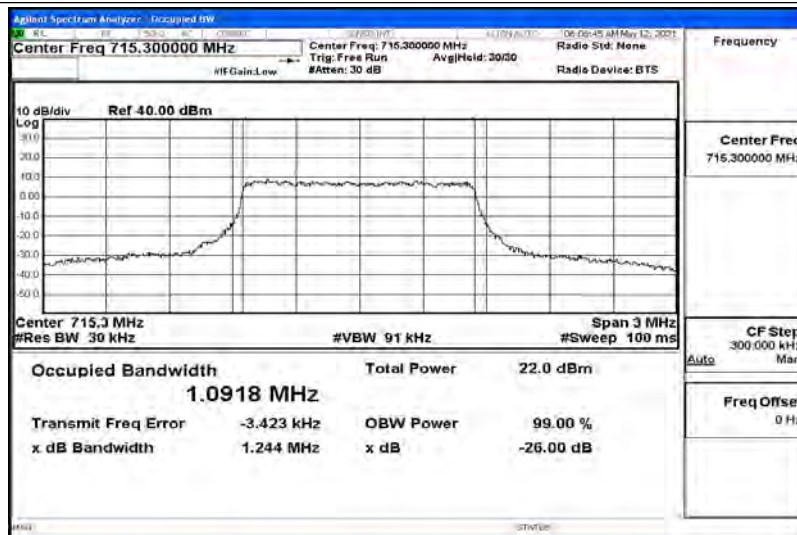
Band12-1.4MHz-QPSK-23017-6RB#0-1.0911



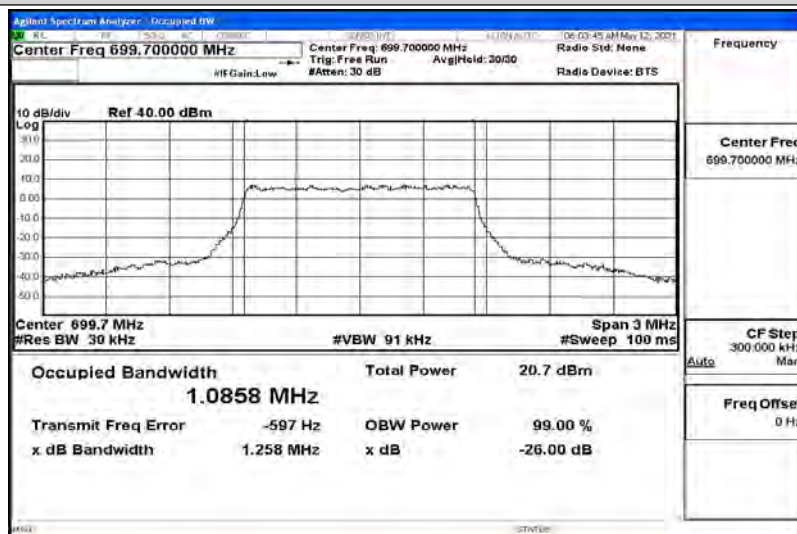
Band12-1.4MHz-QPSK-23095-6RB#0-1.0904



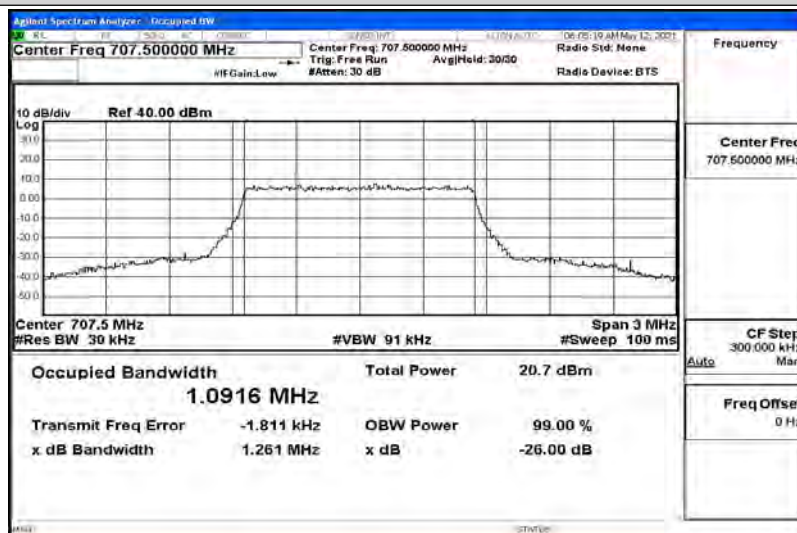
Band12-1.4MHz-QPSK-23173-6RB#0-1.0918



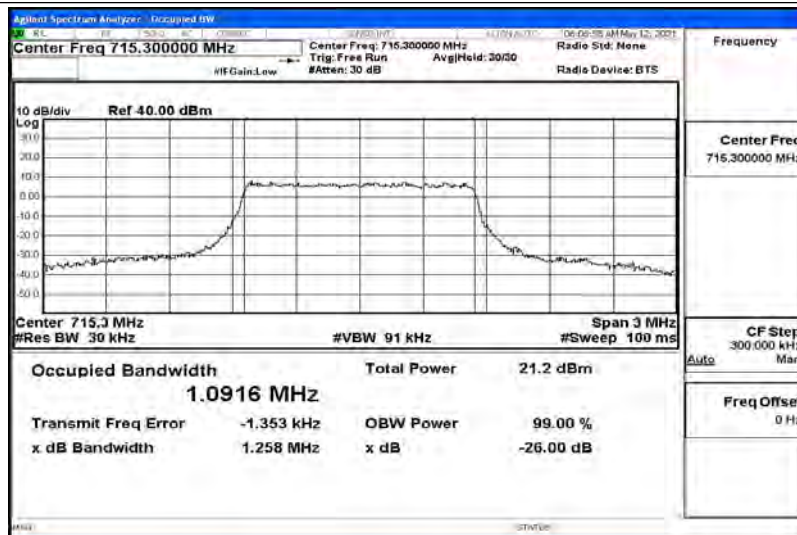
Band12-1.4MHz-16QAM-23017-6RB#0-1.0858



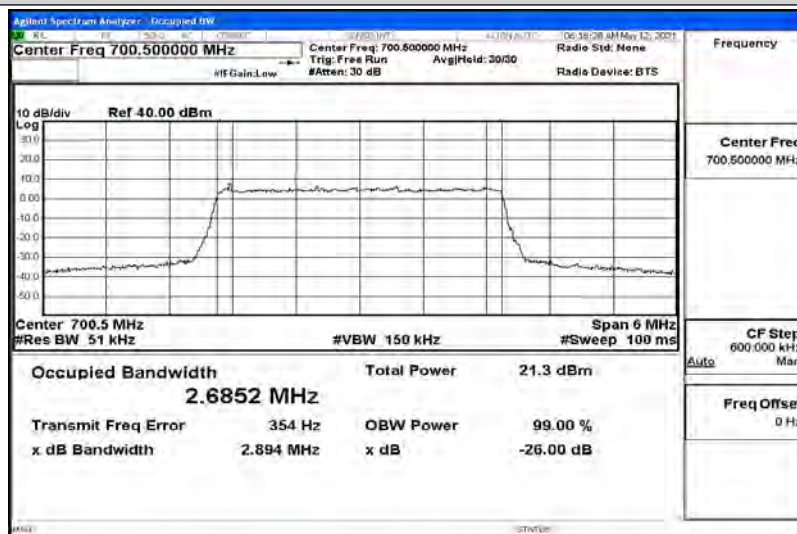
Band12-1.4MHz-16QAM-23095-6RB#0-1.0916



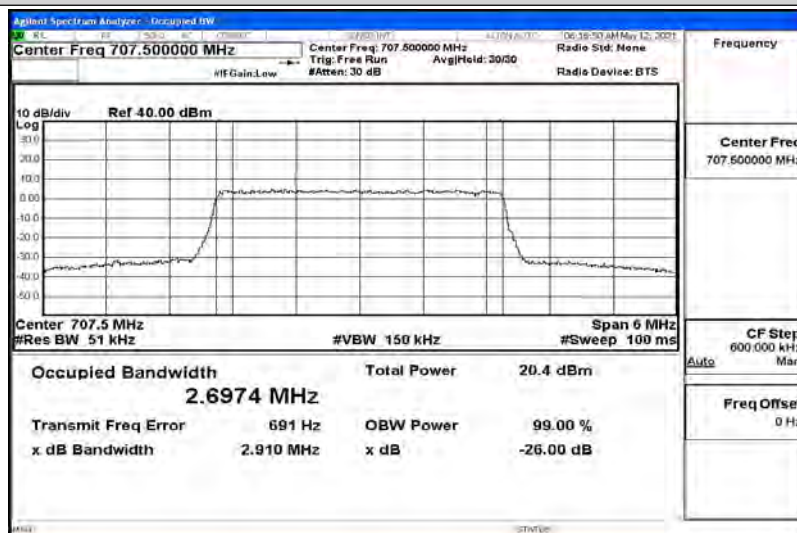
Band12-1.4MHz-16QAM-23173-6RB#0-1.0916



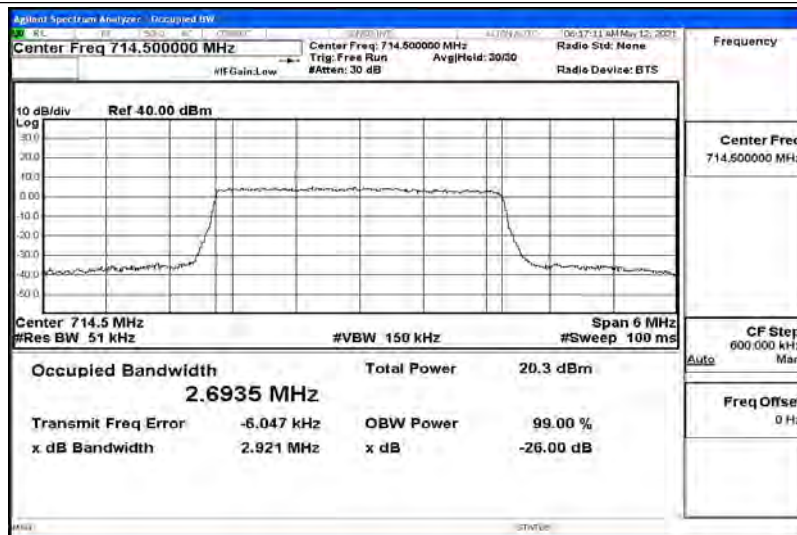
Band12-3MHz-QPSK-23025-15RB#0-2.6852



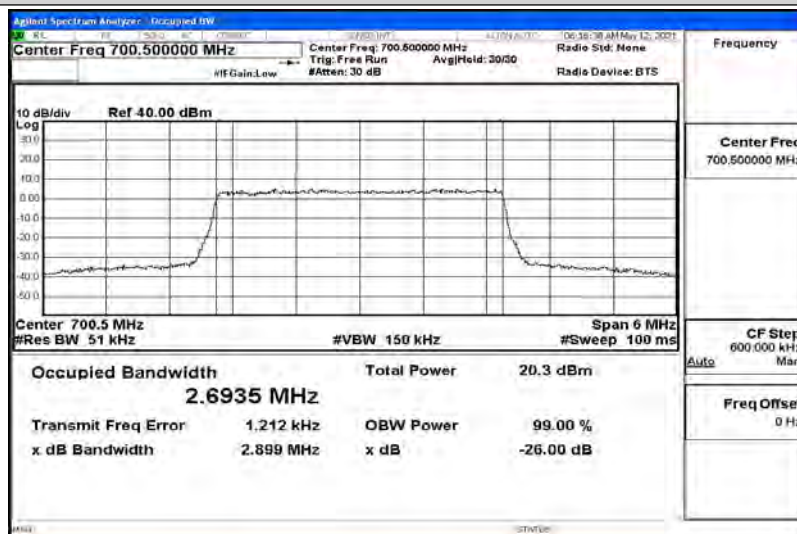
Band12-3MHz-QPSK-23095-15RB#0-2.6974



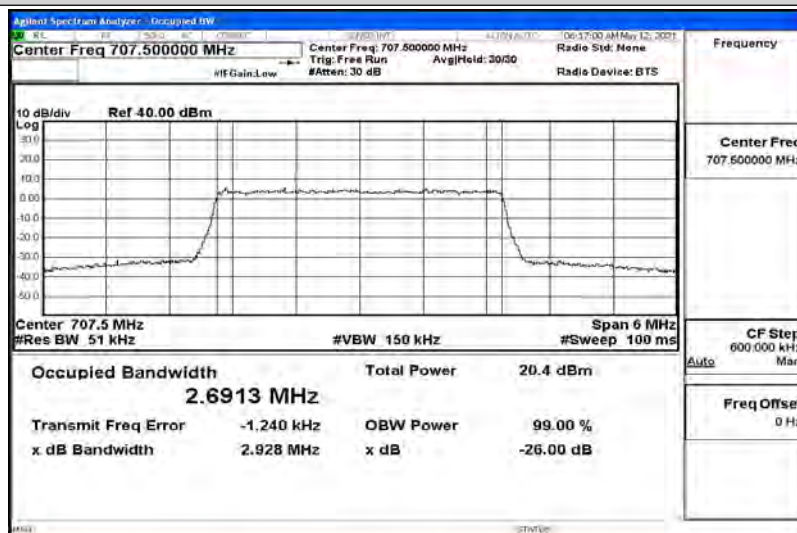
Band12-3MHz-QPSK-23165-15RB#0-2.6935



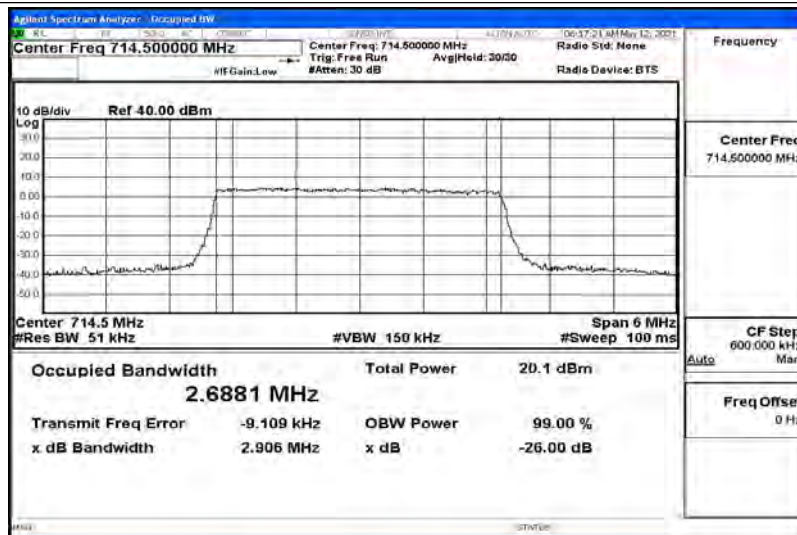
Band12-3MHz-16QAM-23025-15RB#0-2.6935



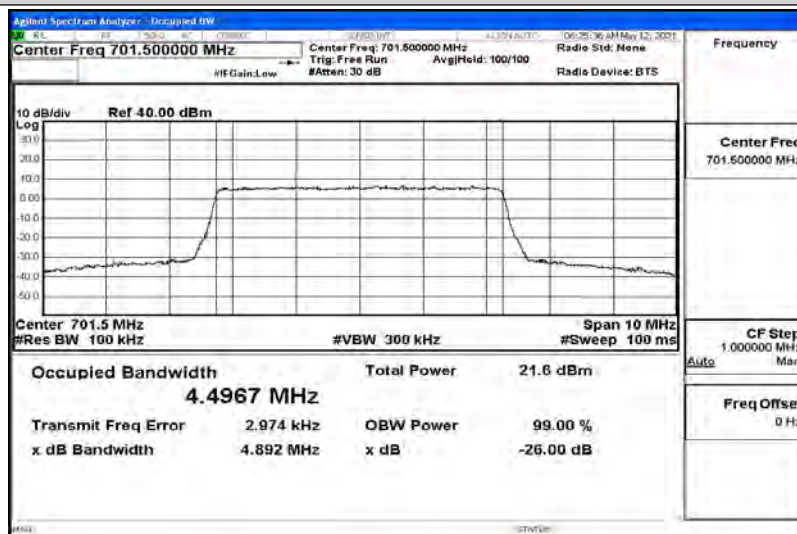
Band12-3MHz-16QAM-23095-15RB#0-2.6913



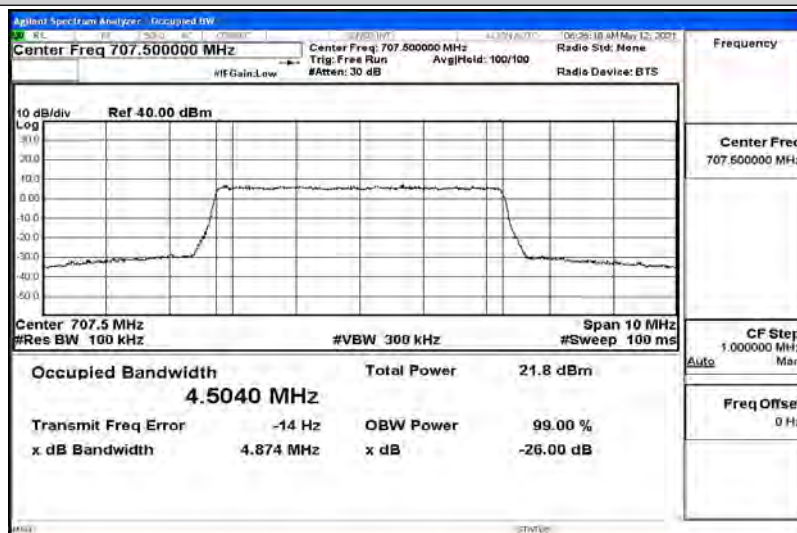
Band12-3MHz-16QAM-23165-15RB#0-2.6881



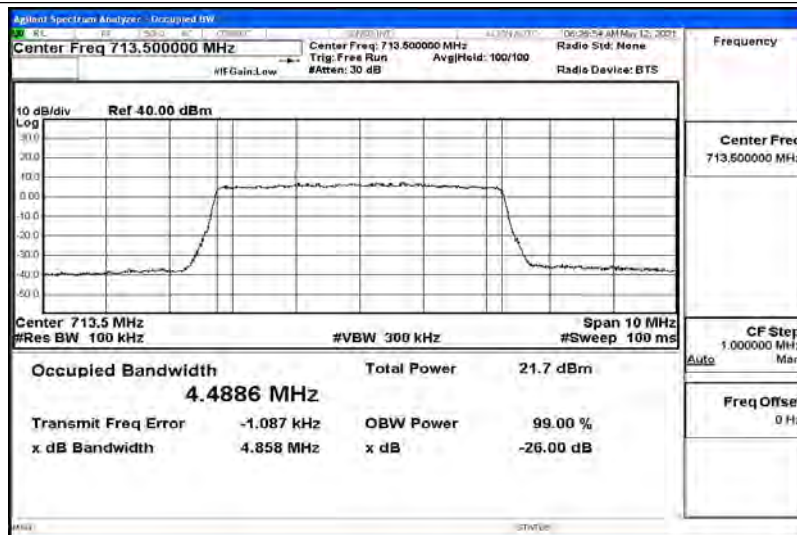
Band12-5MHz-QPSK-23035-25RB#0-4.4967



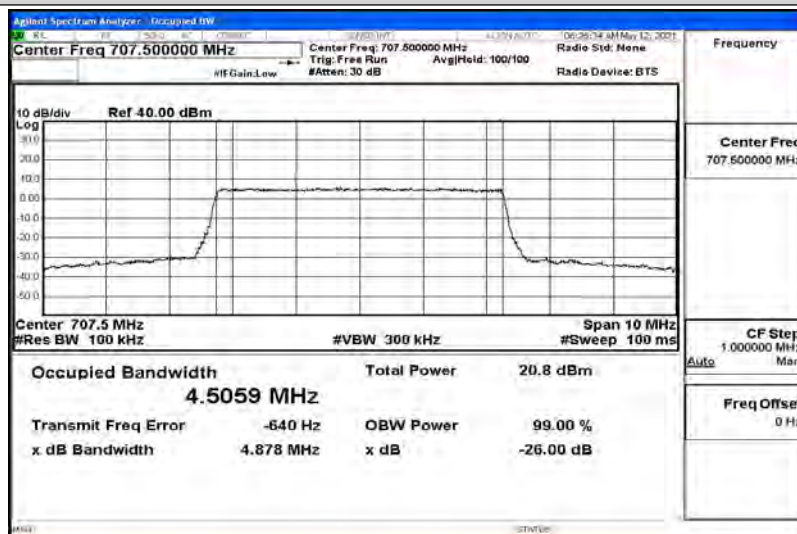
Band12-5MHz-QPSK-23095-25RB#0-4.5040



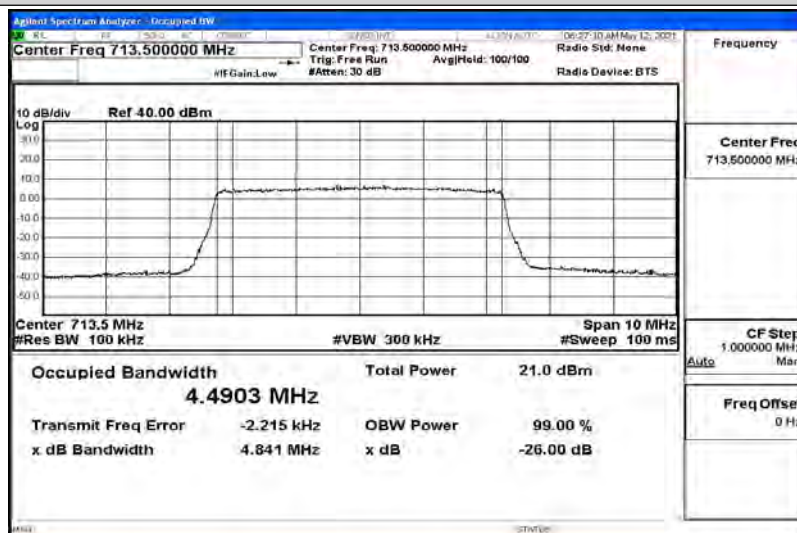
Band12-5MHz-QPSK-23155-25RB#0-4.4886



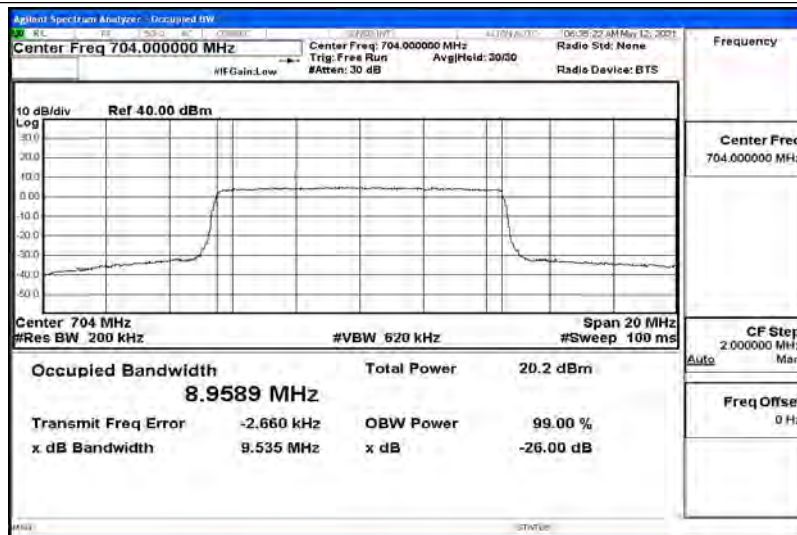
Band12-5MHz-16QAM-23095-25RB#0-4.5059



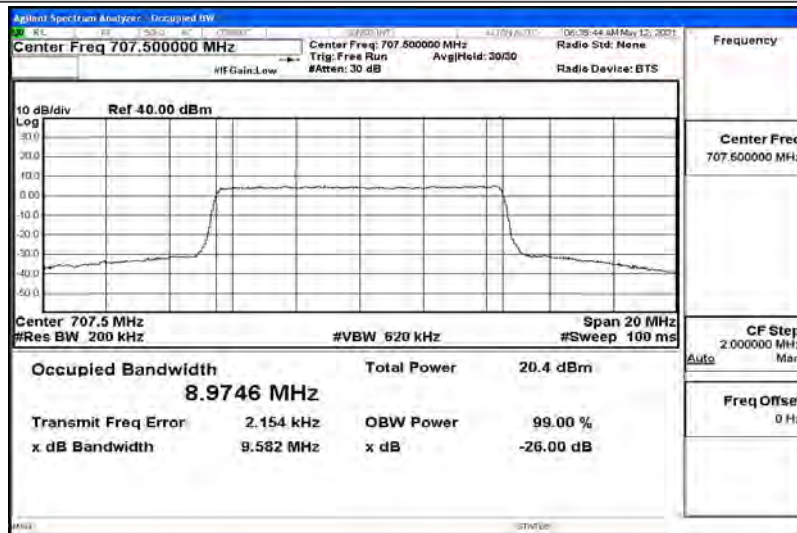
Band12-5MHz-16QAM-23155-25RB#0-4.4903



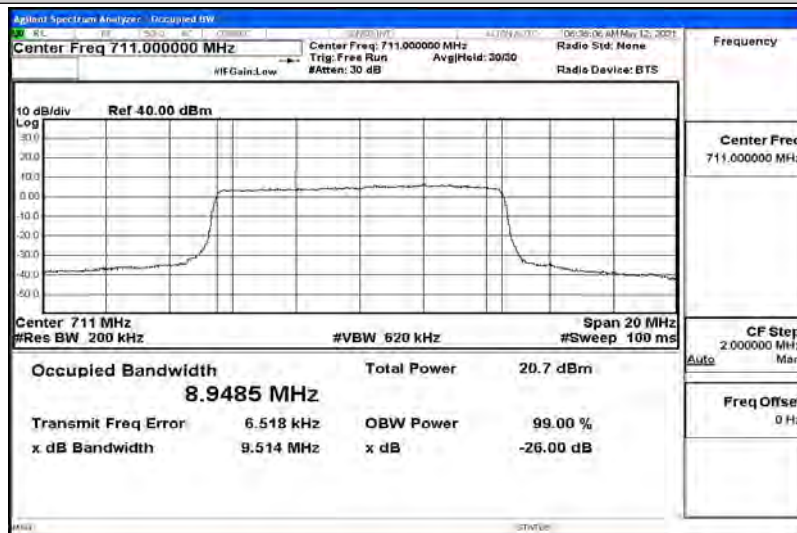
Band12-10MHz-QPSK-23060-50RB#0-8.9589



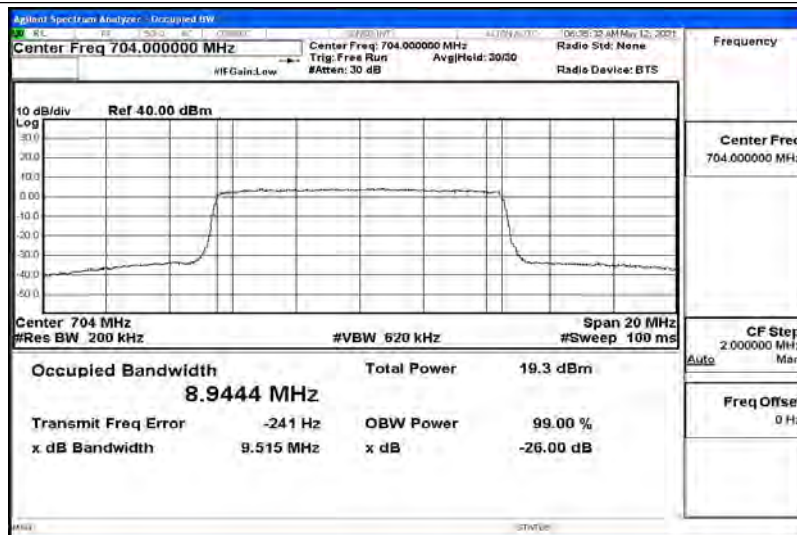
Band12-10MHz-QPSK-23095-50RB#0-8.9746



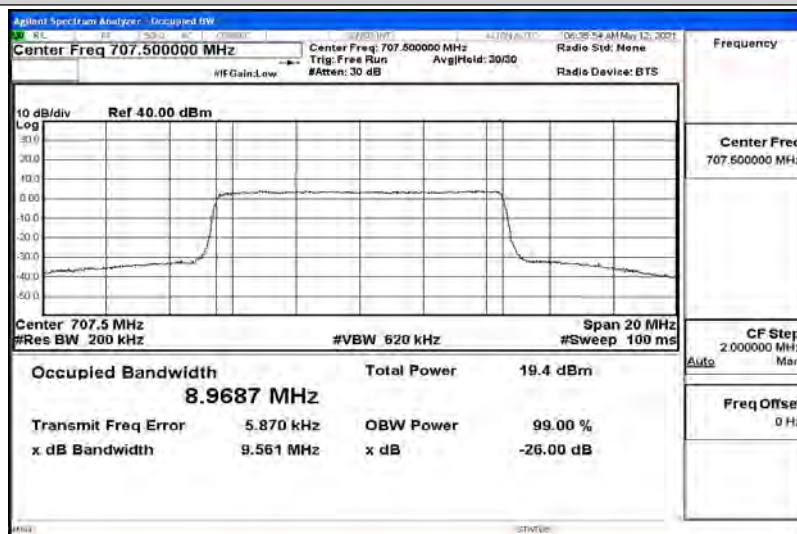
Band12-10MHz-QPSK-23130-50RB#0-8.9485



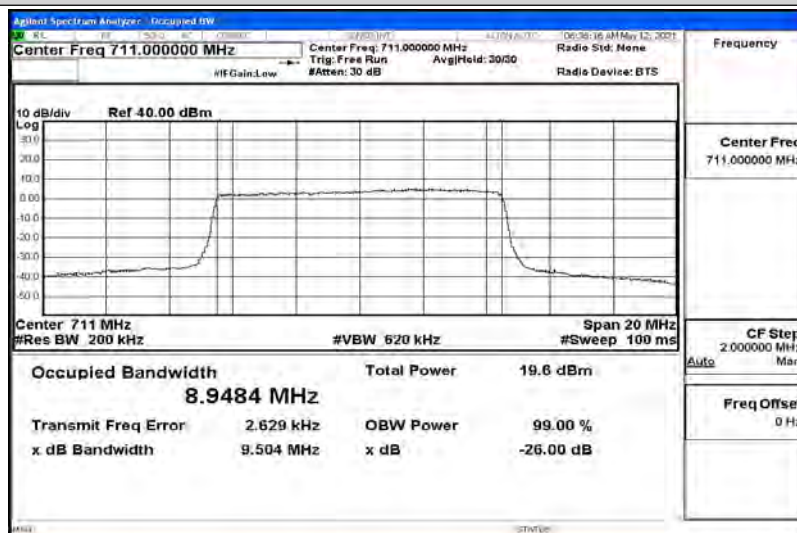
Band12-10MHz-16QAM-23060-50RB#0-8.9444



Band12-10MHz-16QAM-23095-50RB#0-8.9687



Band12-10MHz-16QAM-23130-50RB#0-8.9484



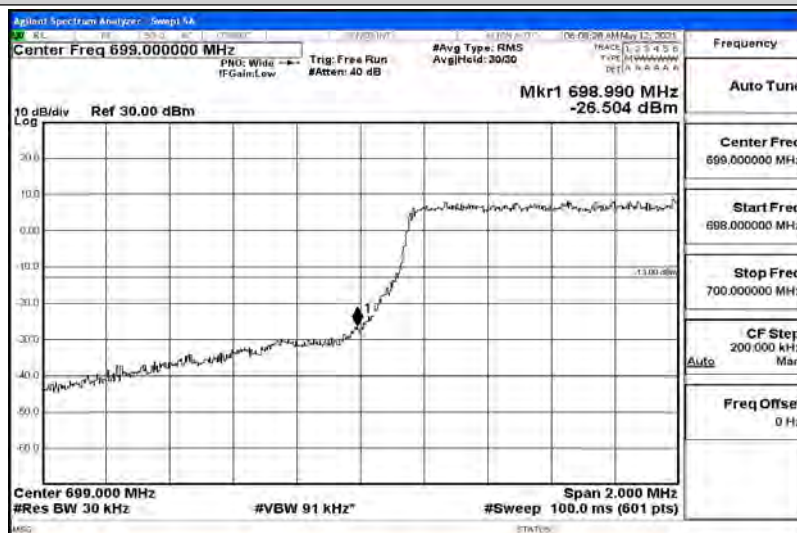
H.4 Band Edge

Test Result

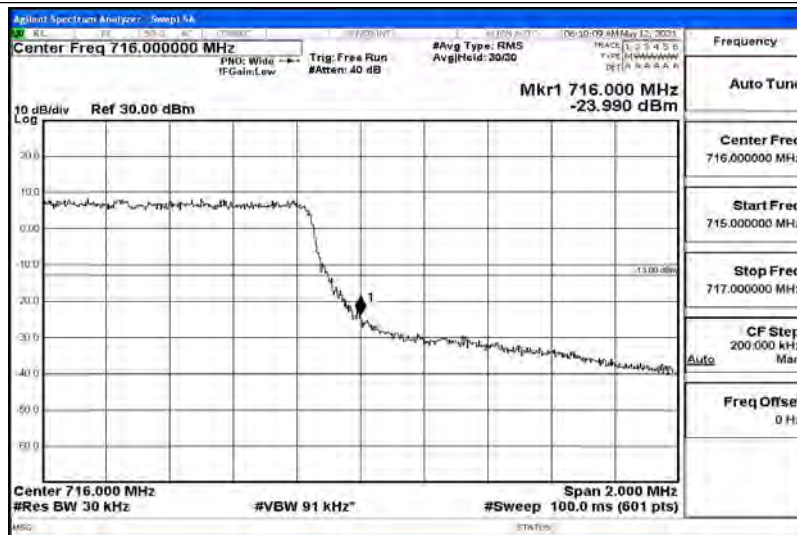
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-26.50	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-23.99	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-25.95	PASS
Band12	3MHz	QPSK	23025	15RB#0	-23.78	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.98	PASS
Band12	3MHz	16QAM	23025	15RB#0	-24.91	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.71	PASS
Band12	5MHz	QPSK	23035	25RB#0	-25.06	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.68	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.54	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.74	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.68	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.39	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.29	PASS
Band12	10MHz	16QAM	23130	50RB#0	-30.50	PASS

Test Graphs

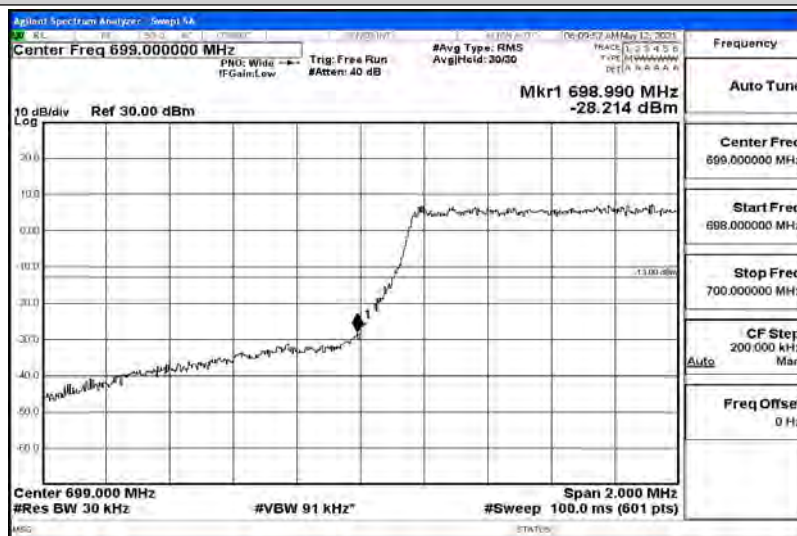
Band12-1.4MHz-QPSK-23017-6RB#0



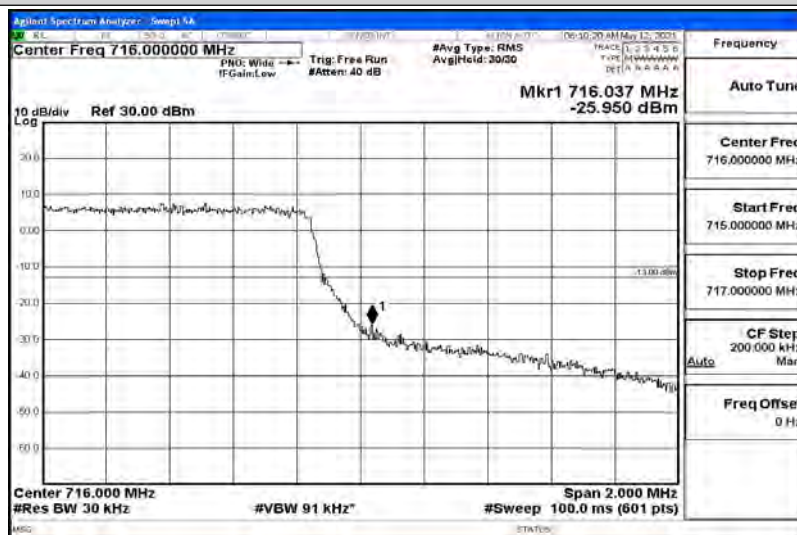
Band12-1.4MHz-QPSK-23173-6RB#0



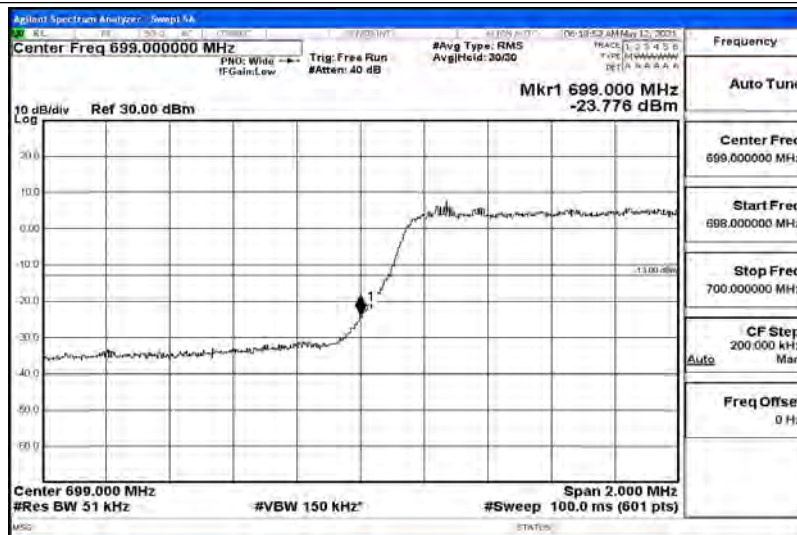
Band12-1.4MHz-16QAM-23017-6RB#0



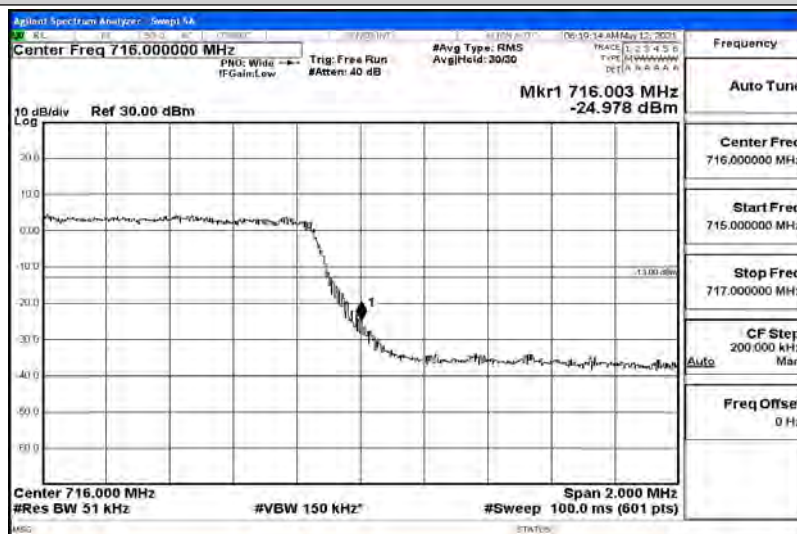
Band12-1.4MHz-16QAM-23173-6RB#0



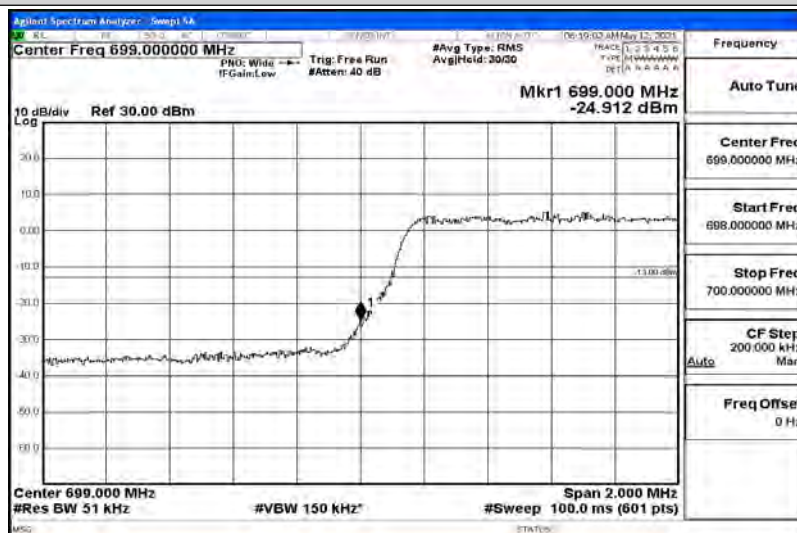
Band12-3MHz-QPSK-23025-15RB#0



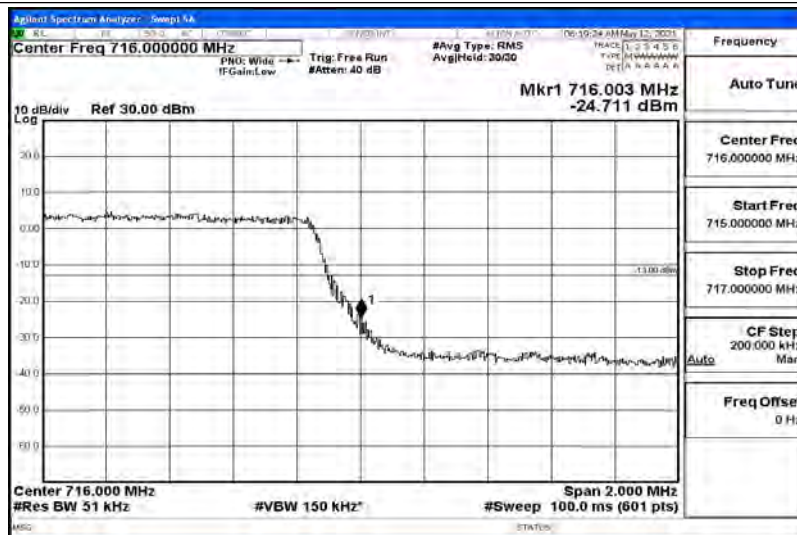
Band12-3MHz-QPSK-23165-15RB#0



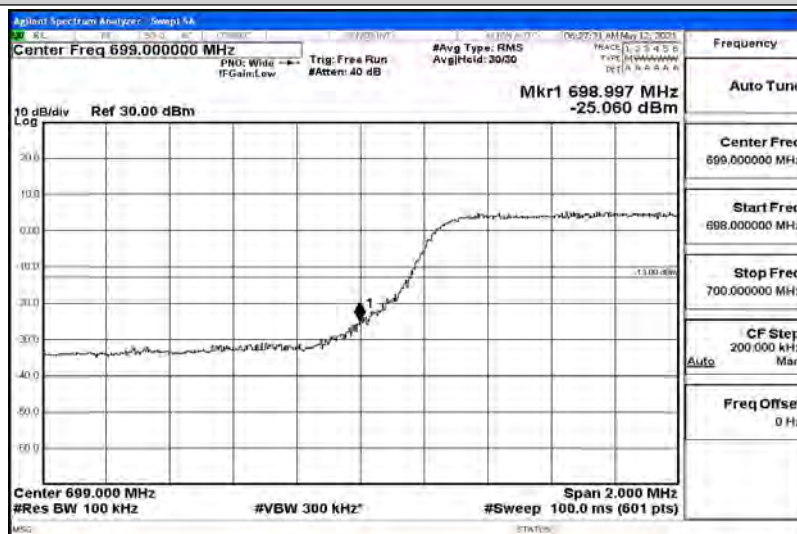
Band12-3MHz-16QAM-23025-15RB#0



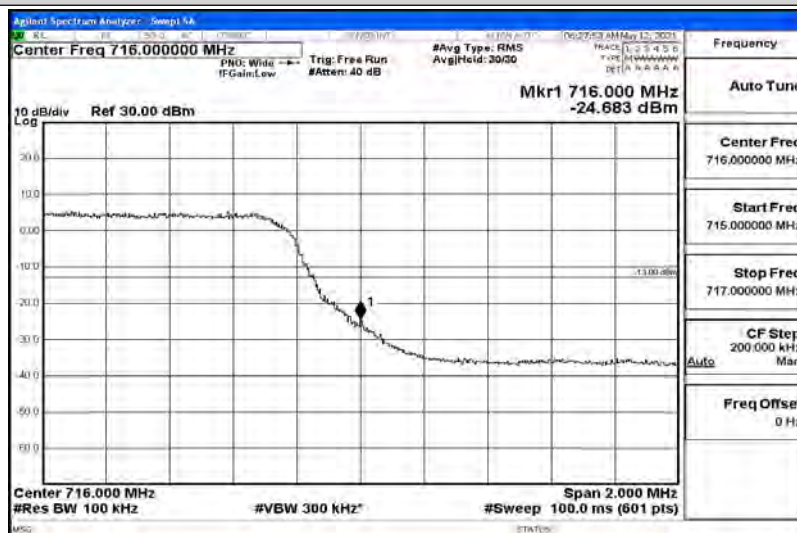
Band12-3MHz-16QAM-23165-15RB#0



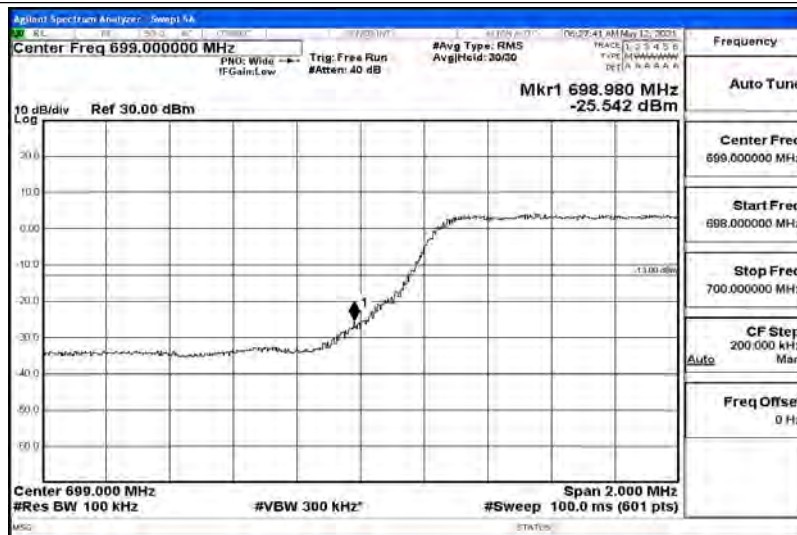
Band12-5MHz-QPSK-23035-25RB#0



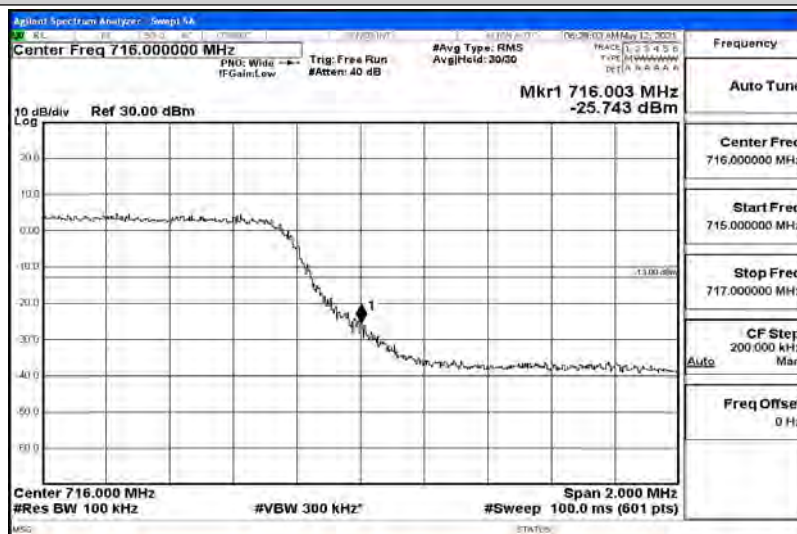
Band12-5MHz-QPSK-23155-25RB#0



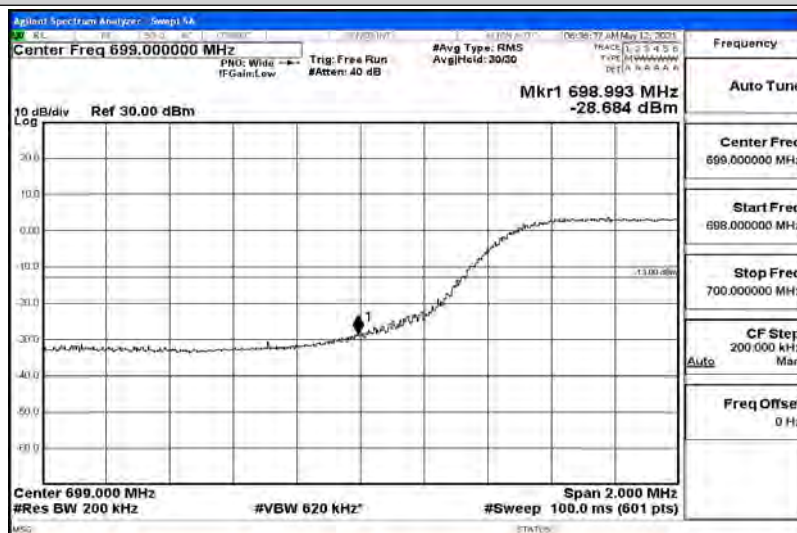
Band12-5MHz-16QAM-23035-25RB#0



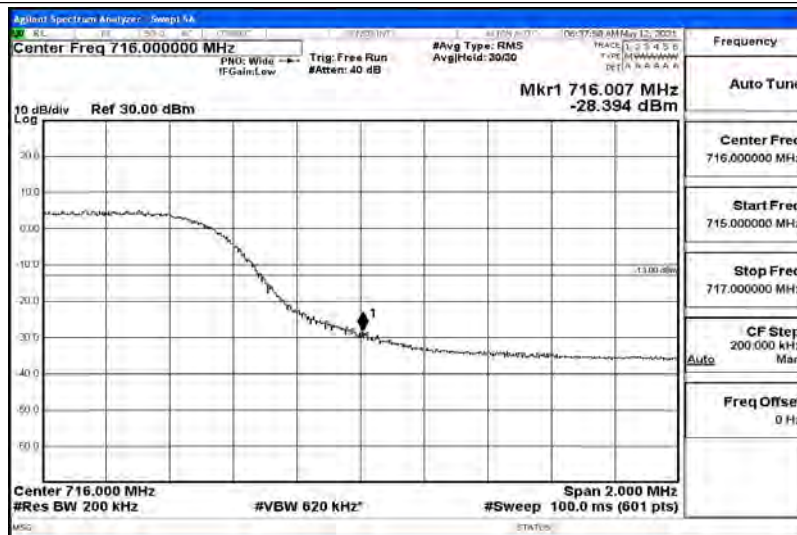
Band12-5MHz-16QAM-23155-25RB#0



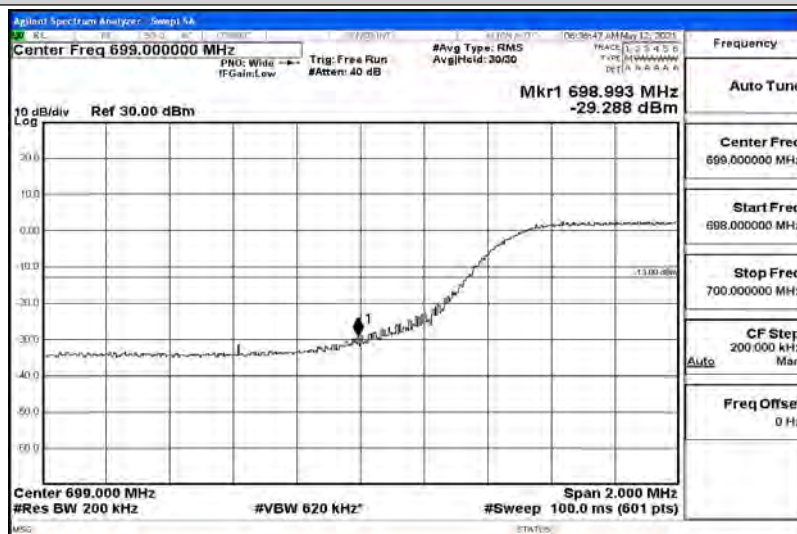
Band12-10MHz-QPSK-23060-50RB#0



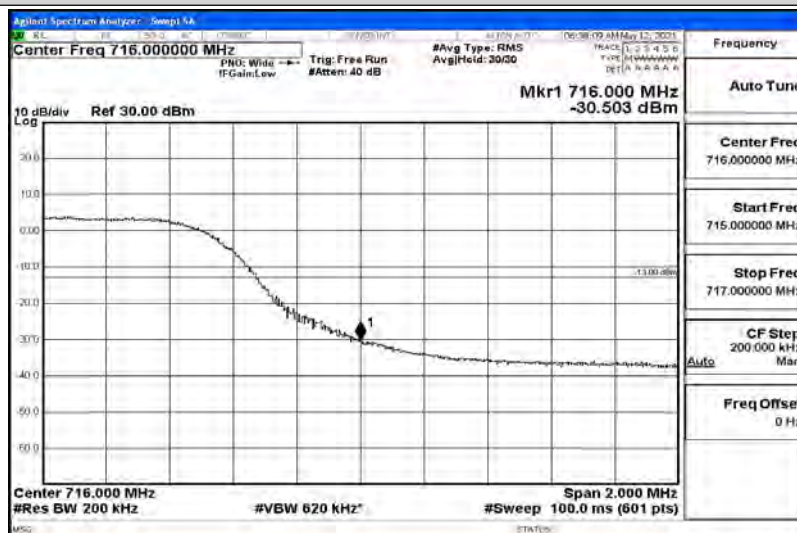
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



H.5 Conducted Spurious Emission

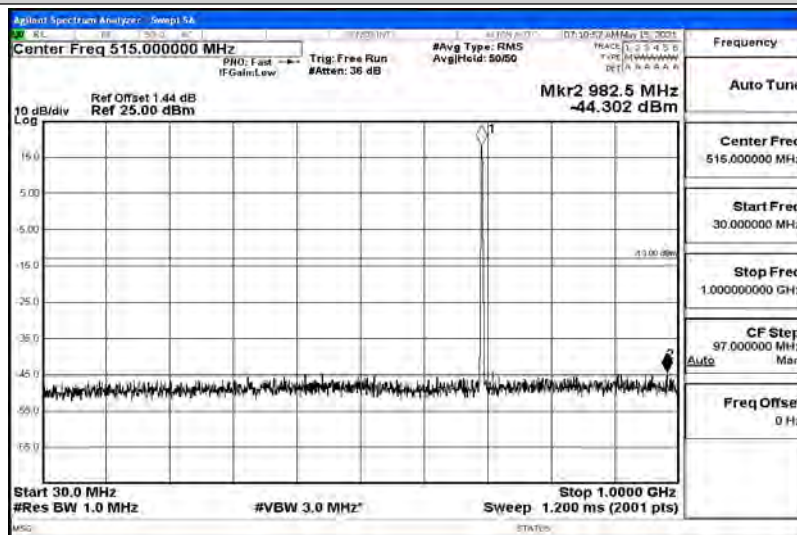
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-44.3	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-46.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.7	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-44.58	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-46.56	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-43.82	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-46.6	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.53	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-44.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-46.52	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-44.9	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-46.64	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.27	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.58	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-44.21	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-46.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-44.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-46.61	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-43.98	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.67	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-45.18	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-46.65	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-44.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-46.6	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.39	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.64	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-43.98	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-46.74	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-44.66	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-46.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-43.14	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.58	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-44.82	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-46.61	PASS

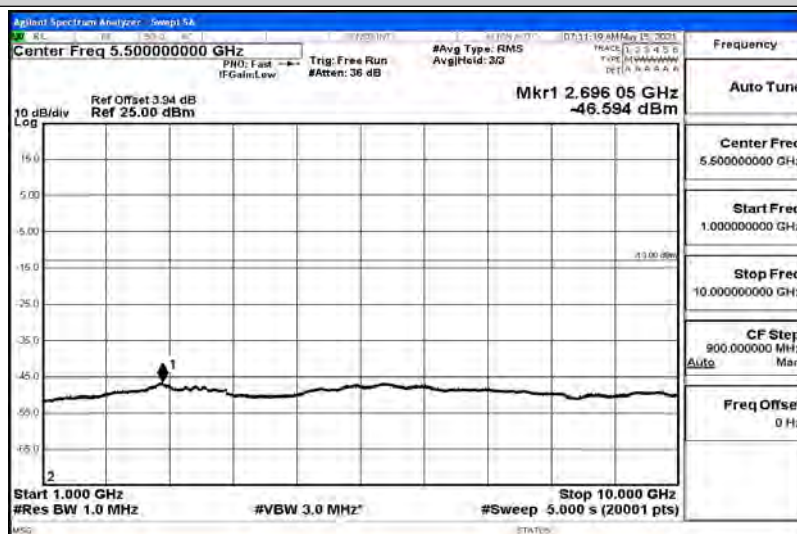
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-44.69	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-46.46	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-46.67	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-44.55	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-46.54	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-44.54	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-46.61	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.5	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-46.66	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-44.86	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-46.69	PASS

Test Graphs

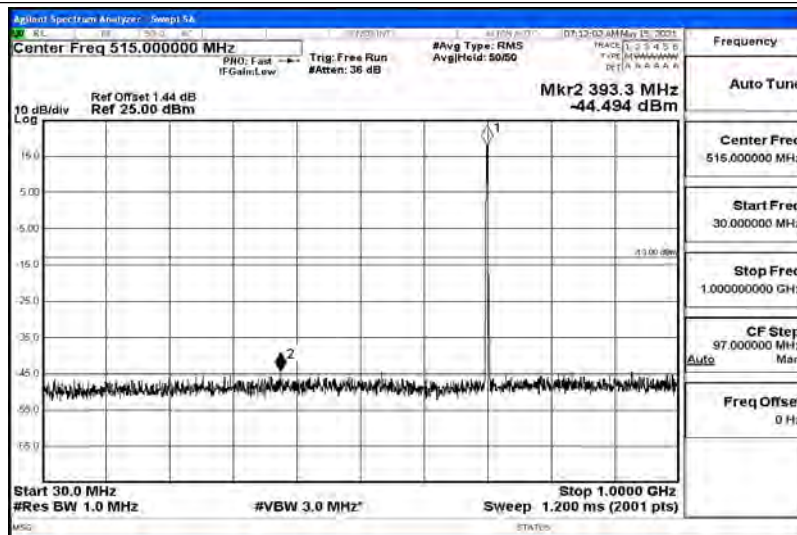
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



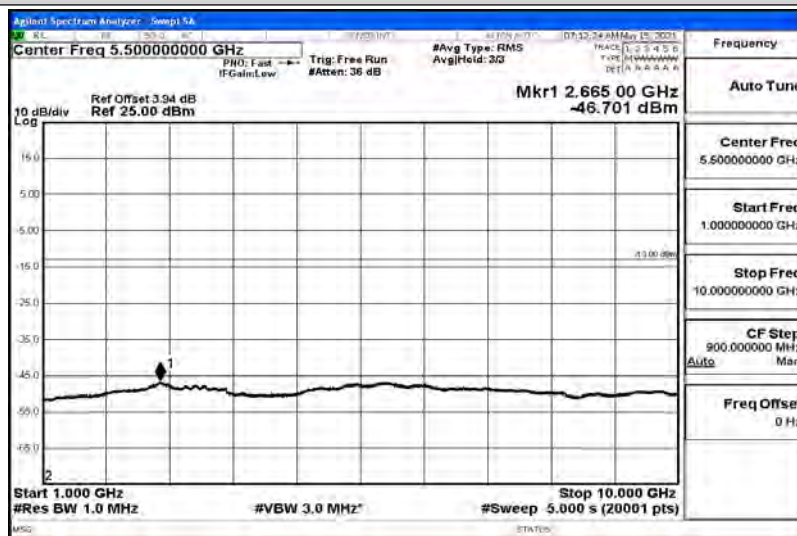
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



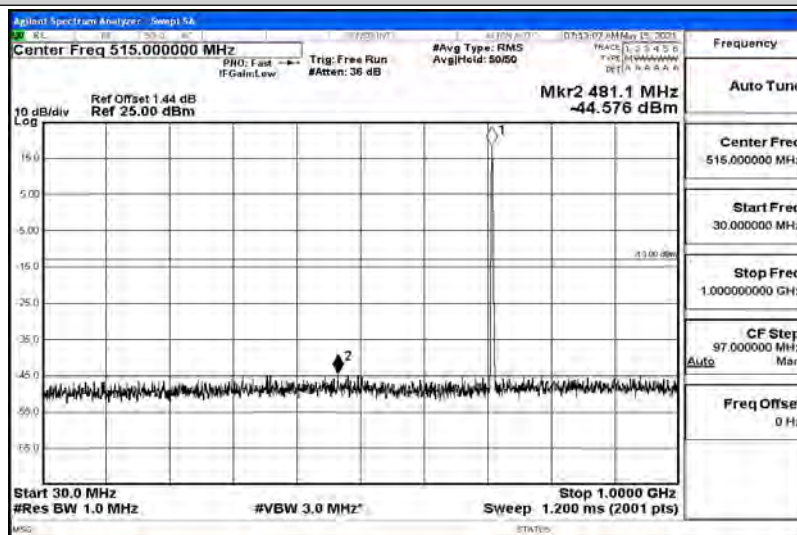
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



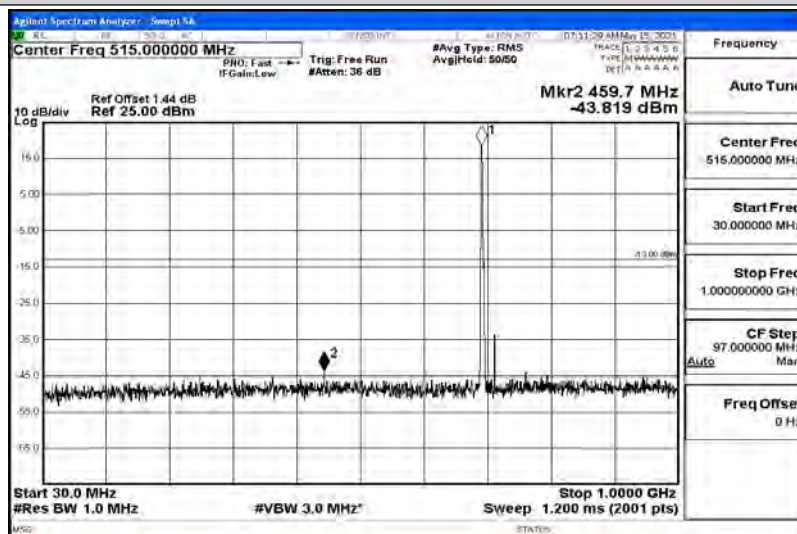
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



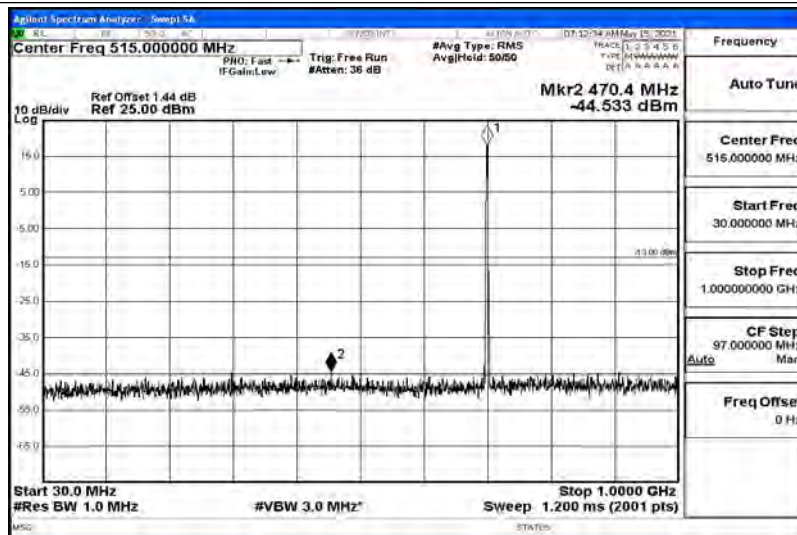
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



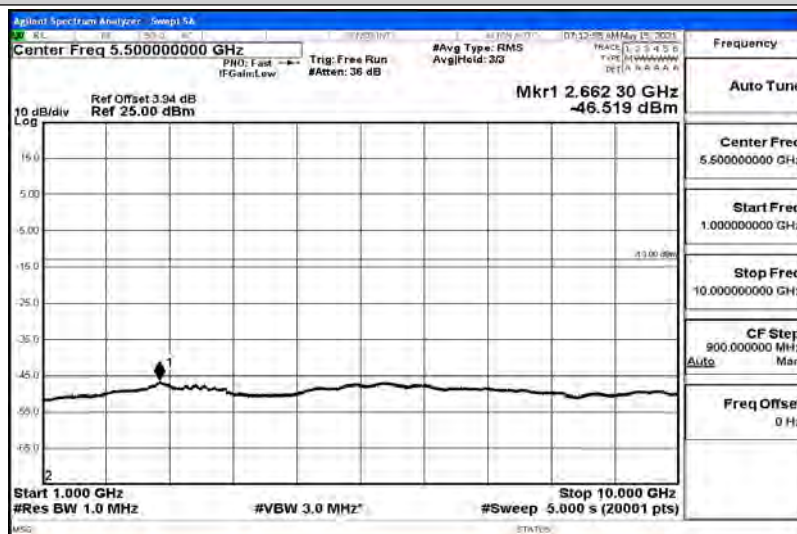
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



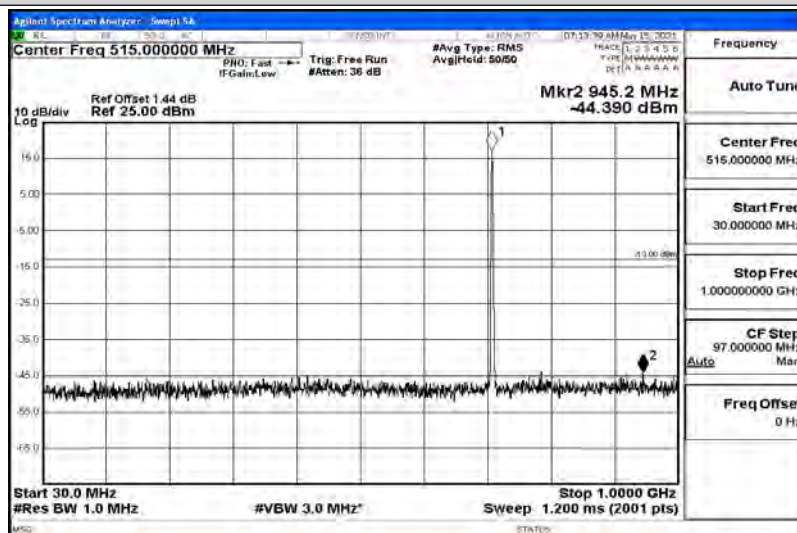
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



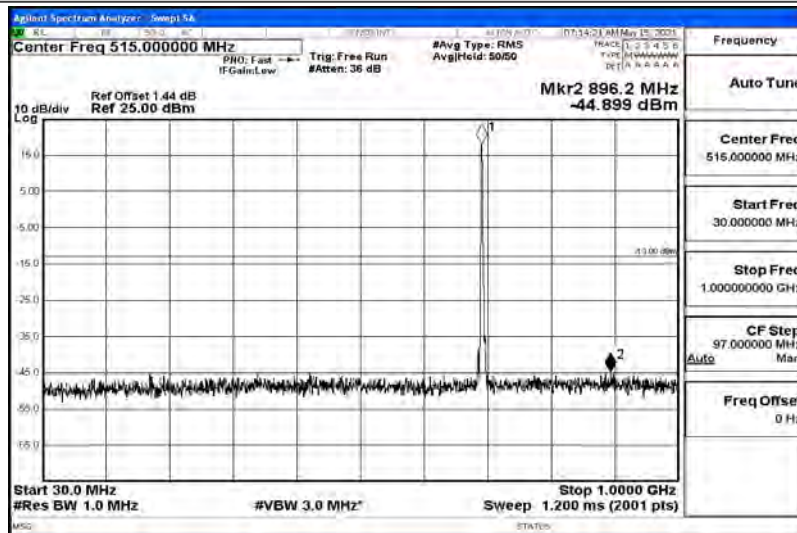
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



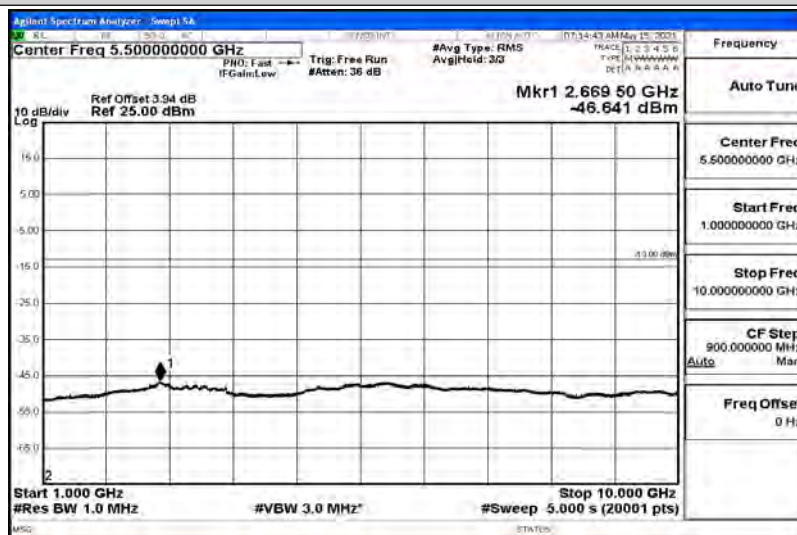
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



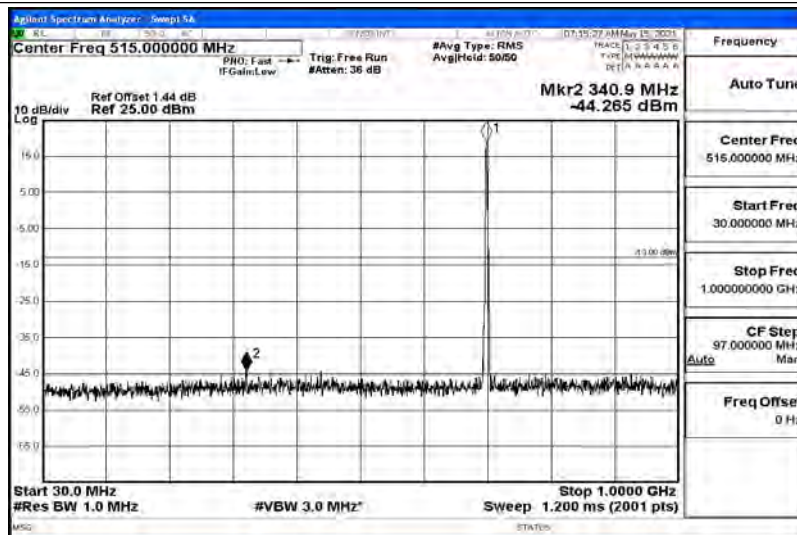
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



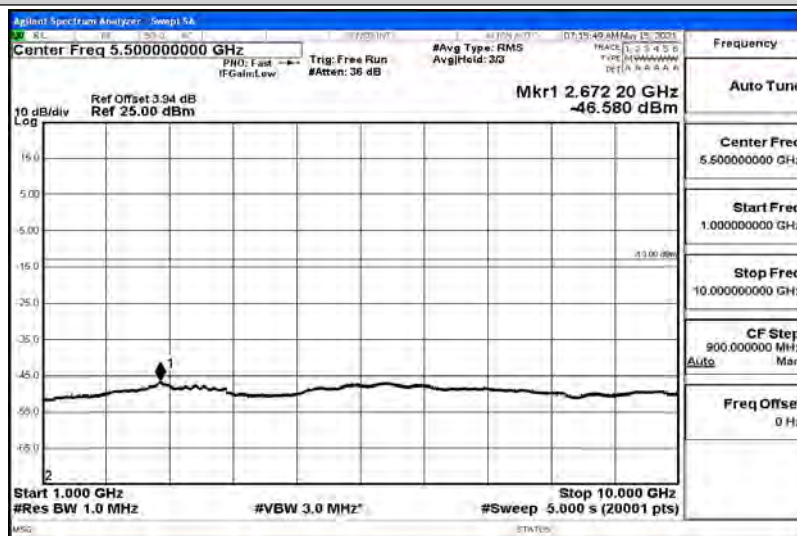
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



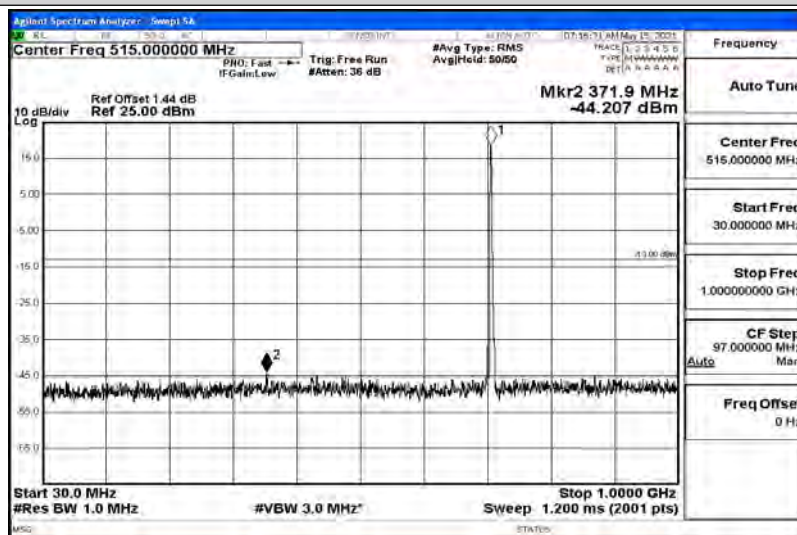
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



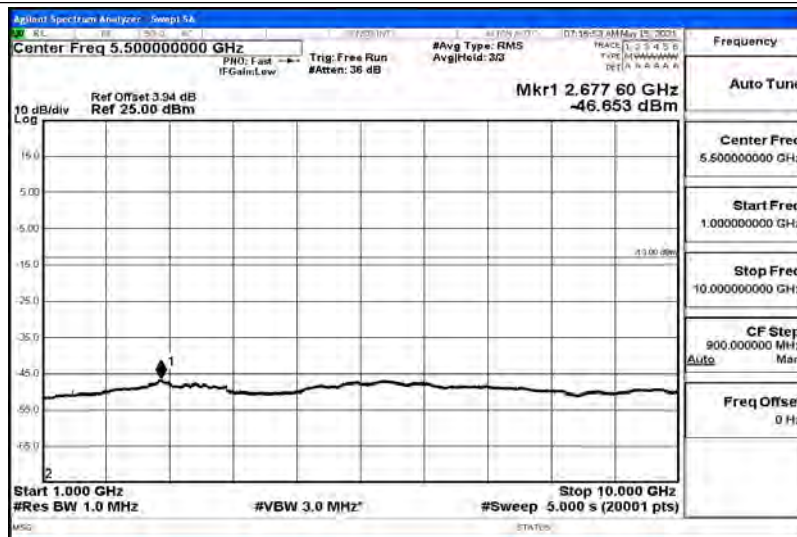
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



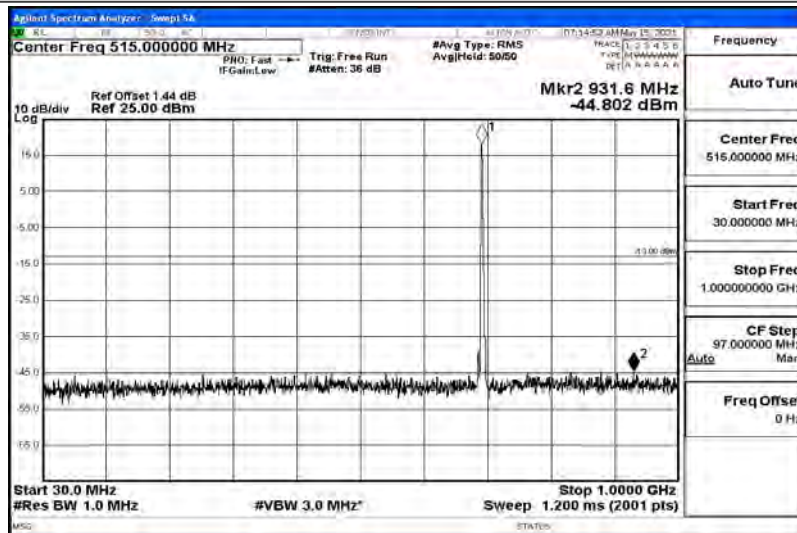
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



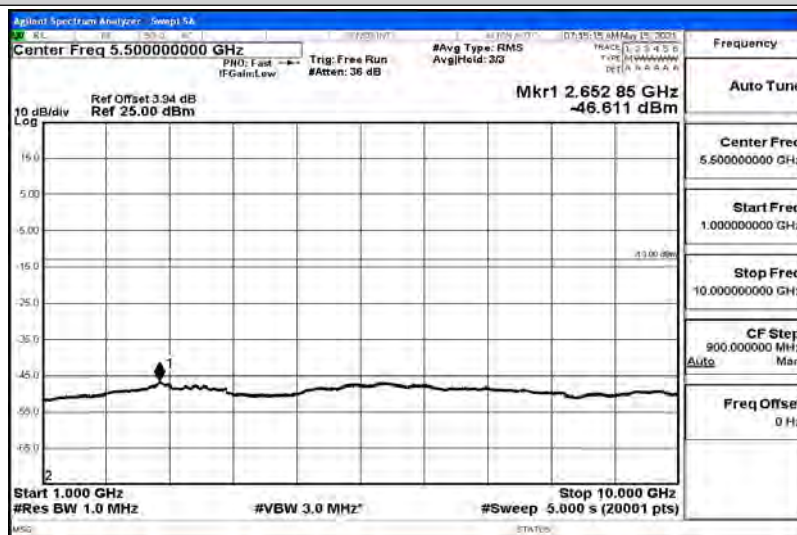
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



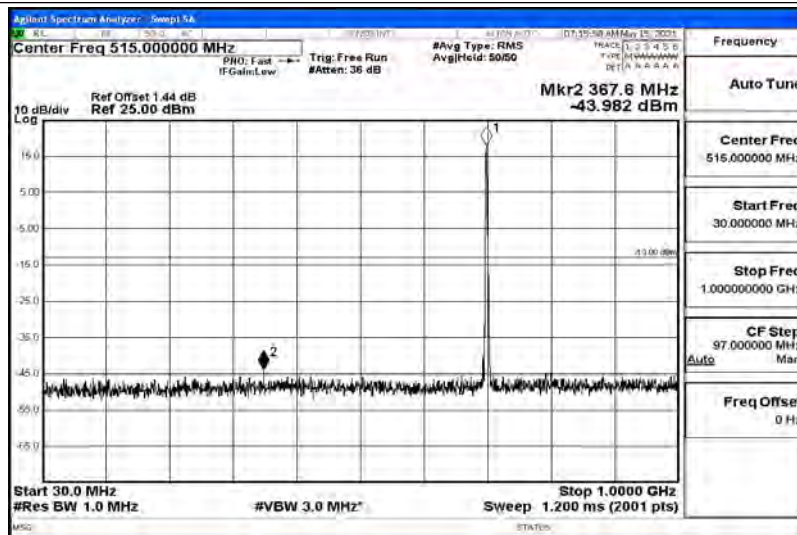
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



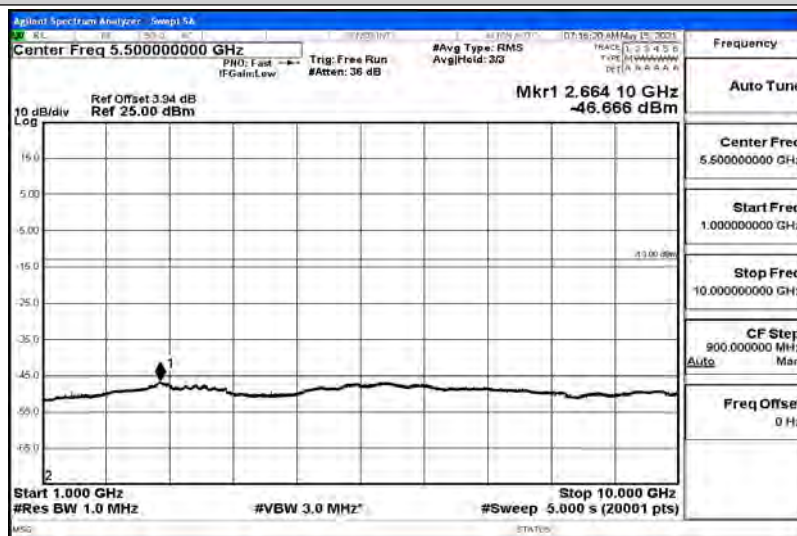
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



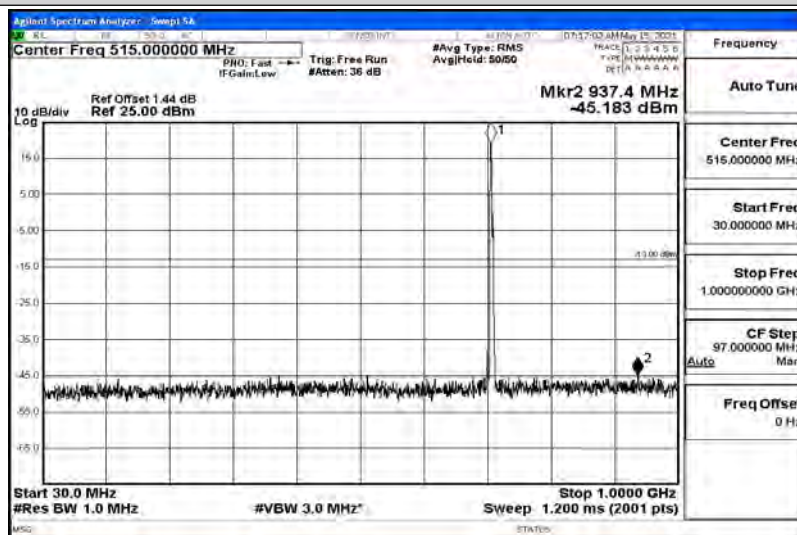
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



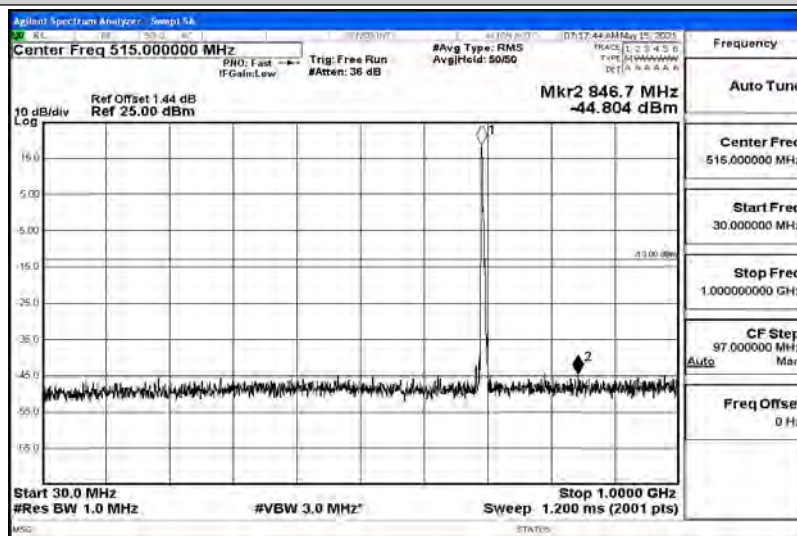
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



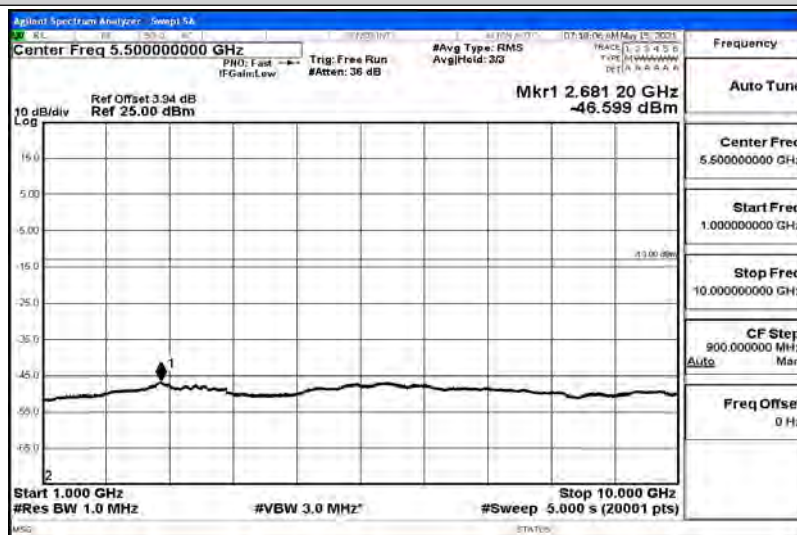
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



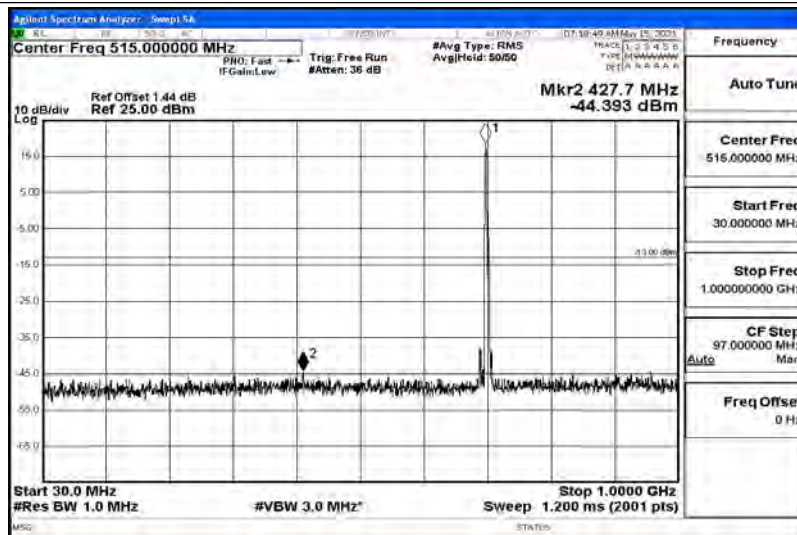
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



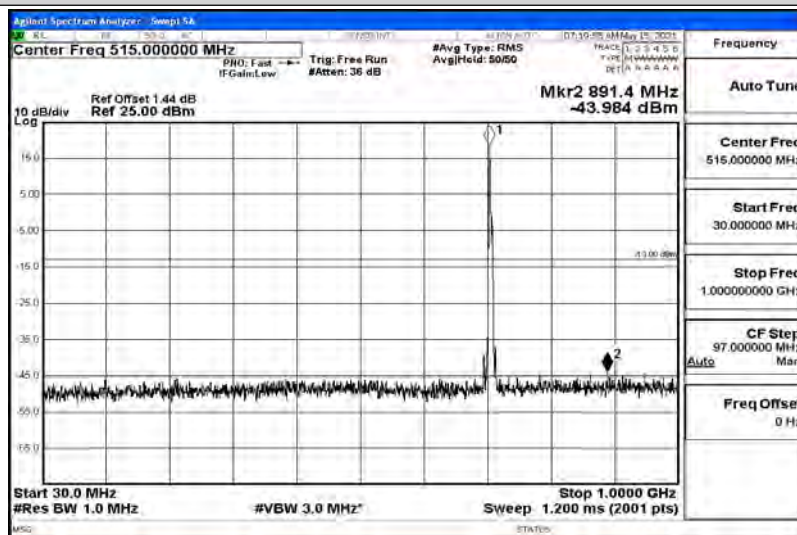
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



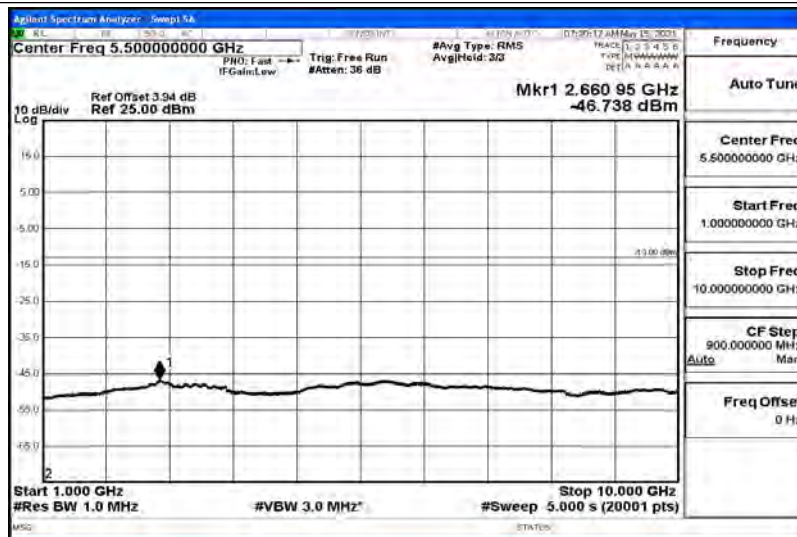
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



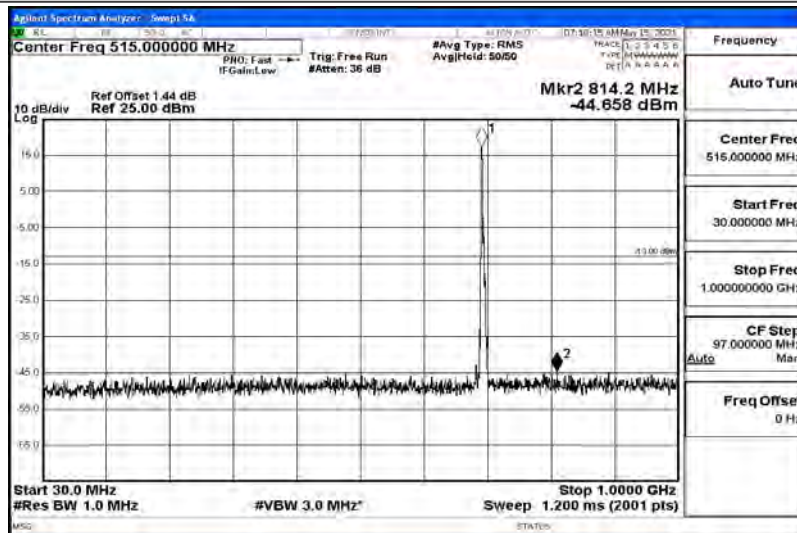
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



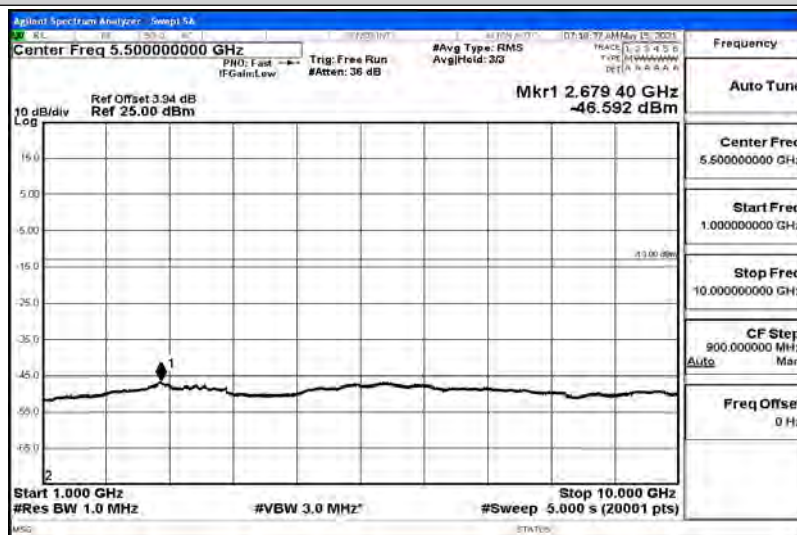
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



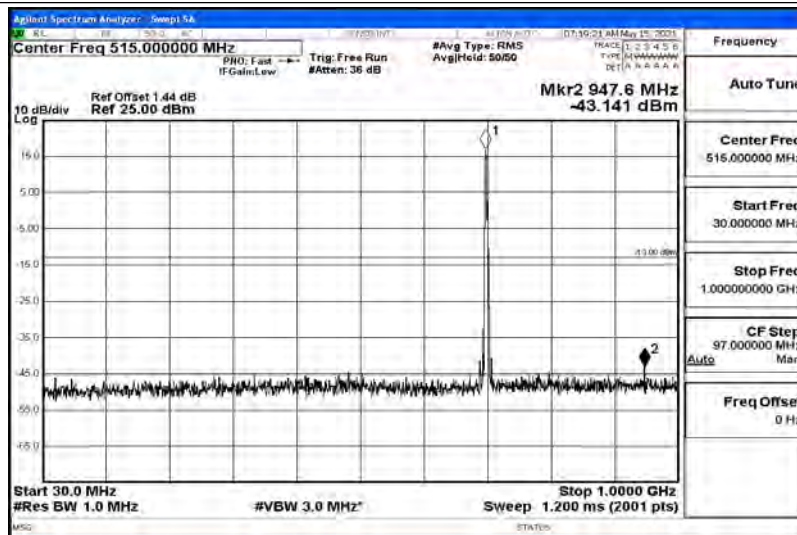
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



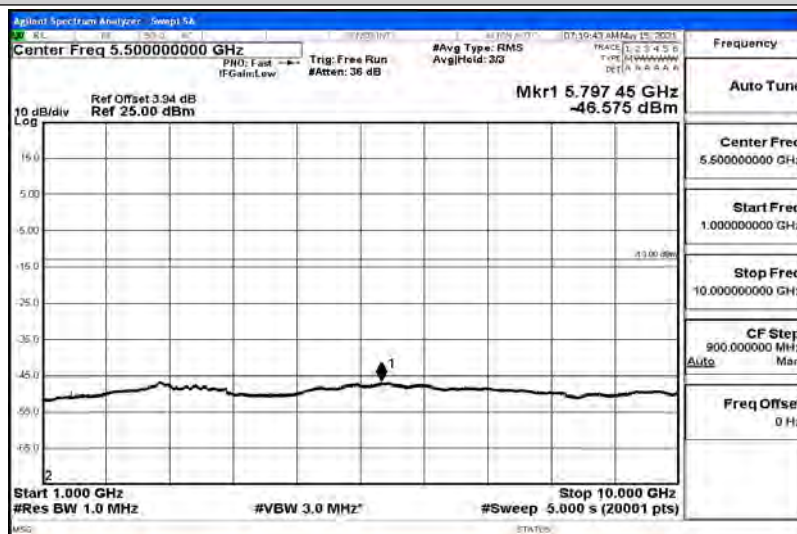
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



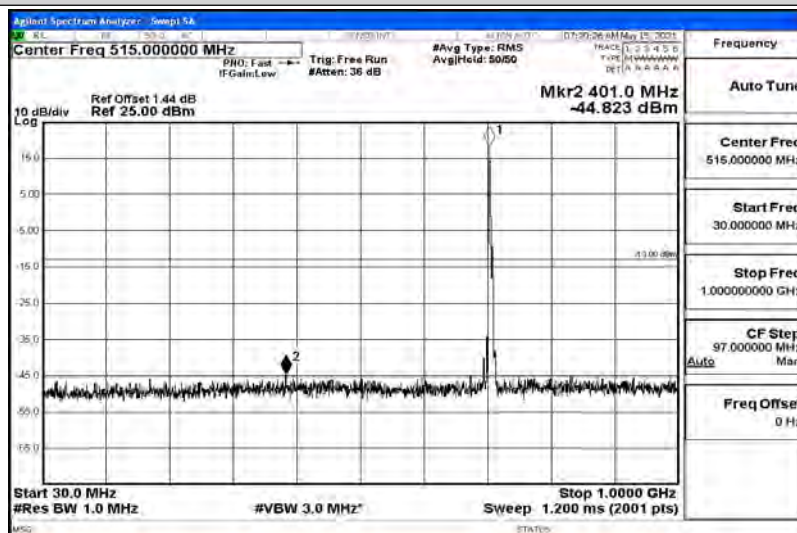
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



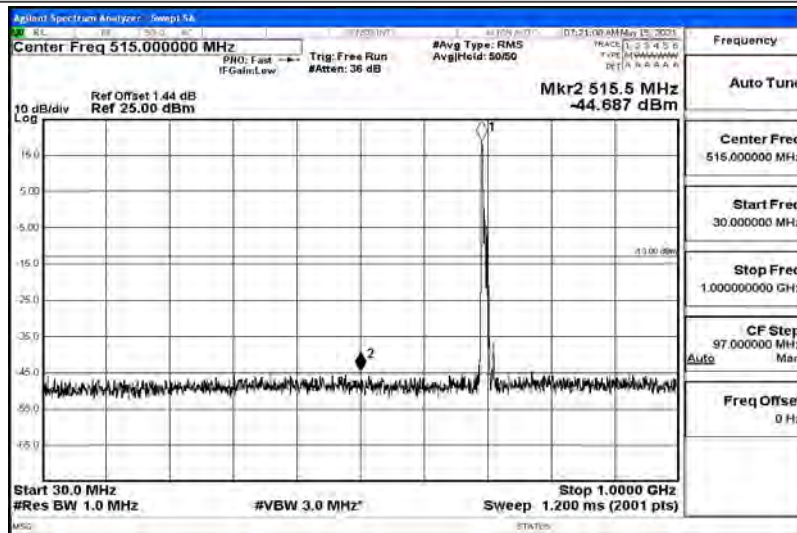
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



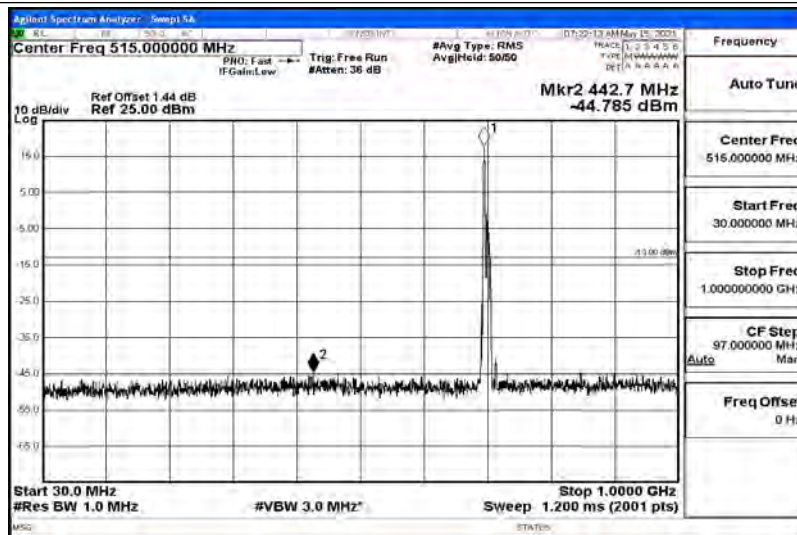
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



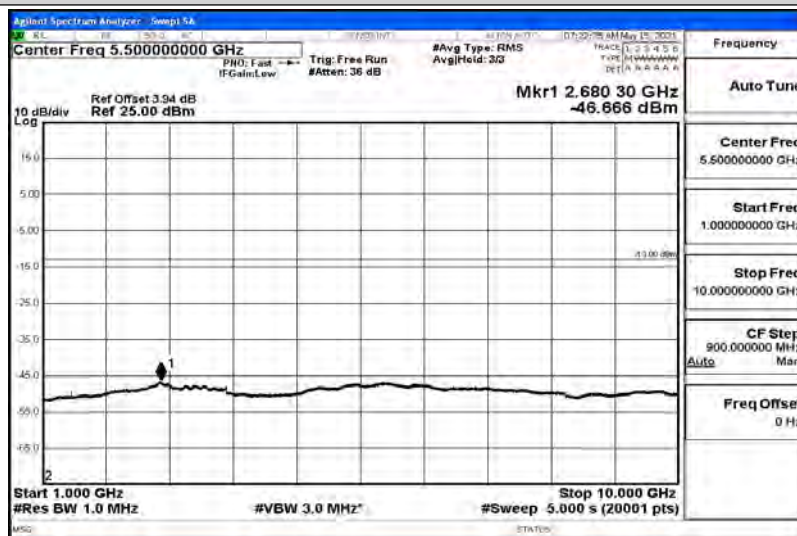
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



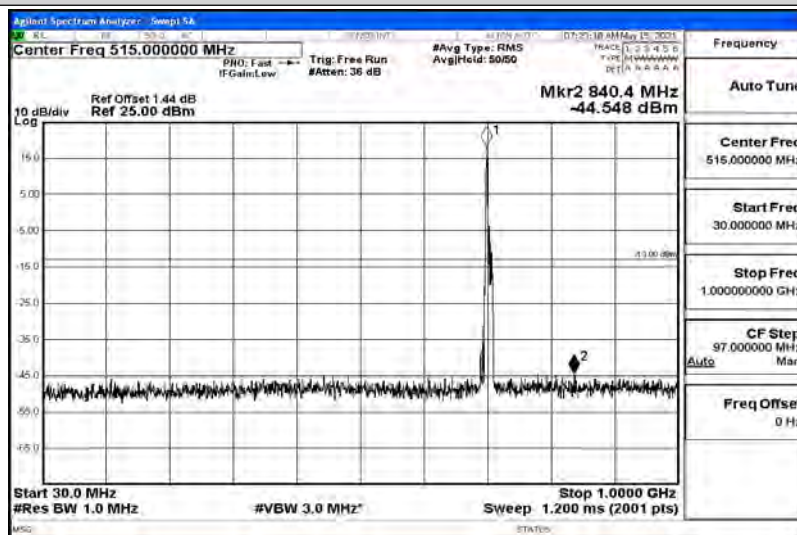
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



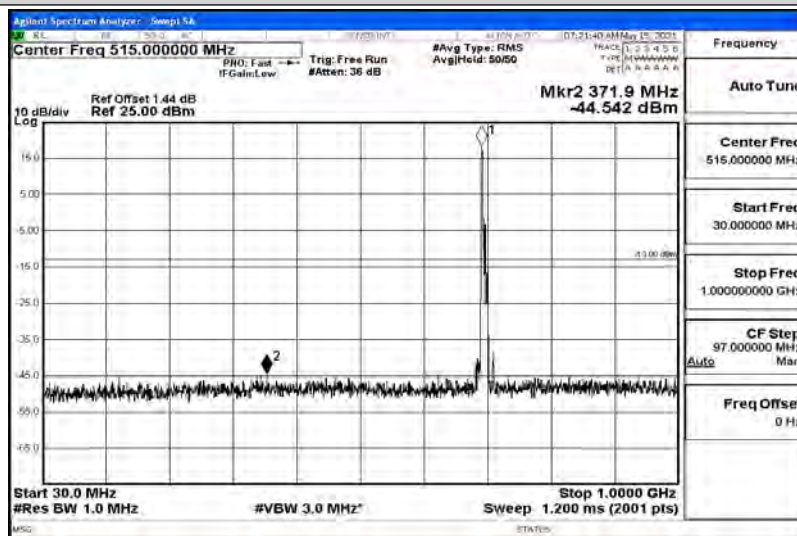
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



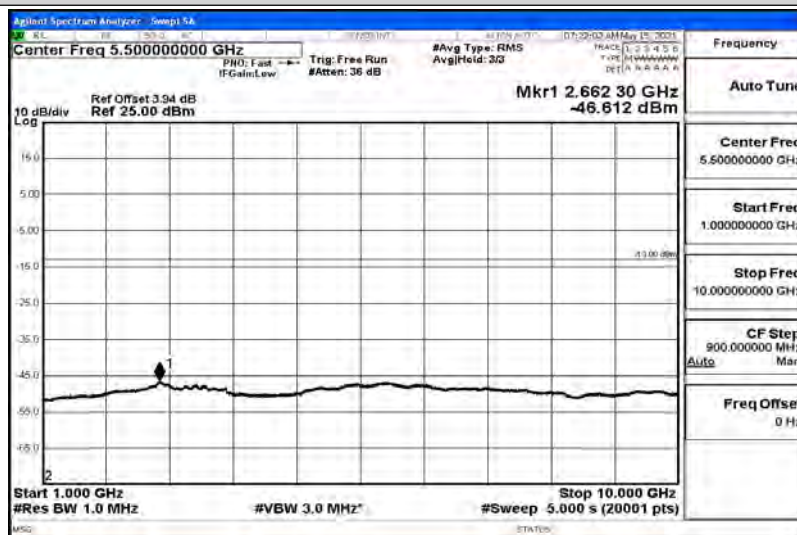
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



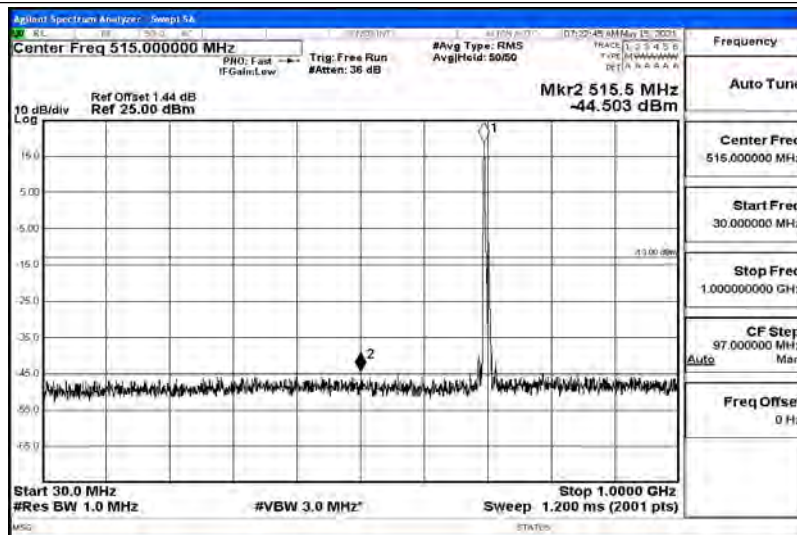
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



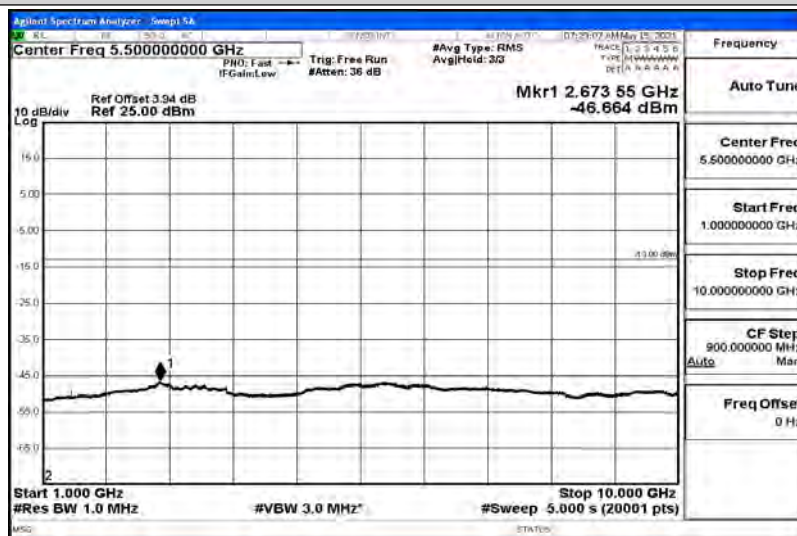
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



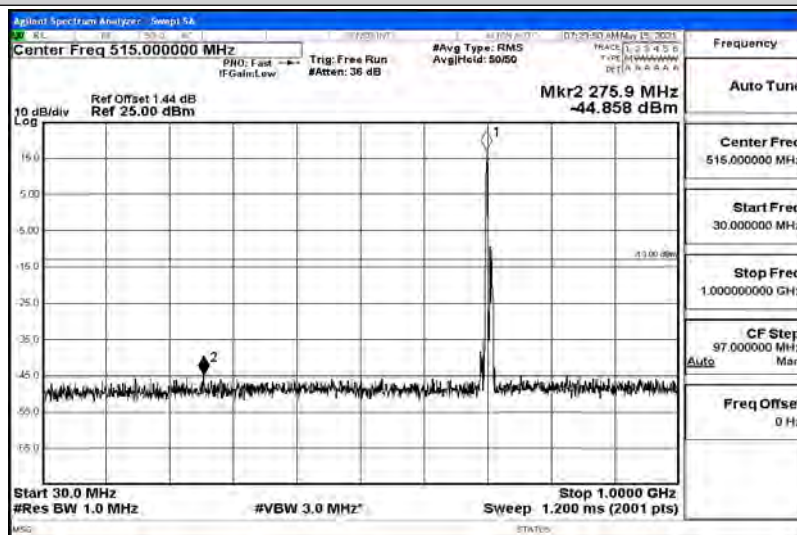
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



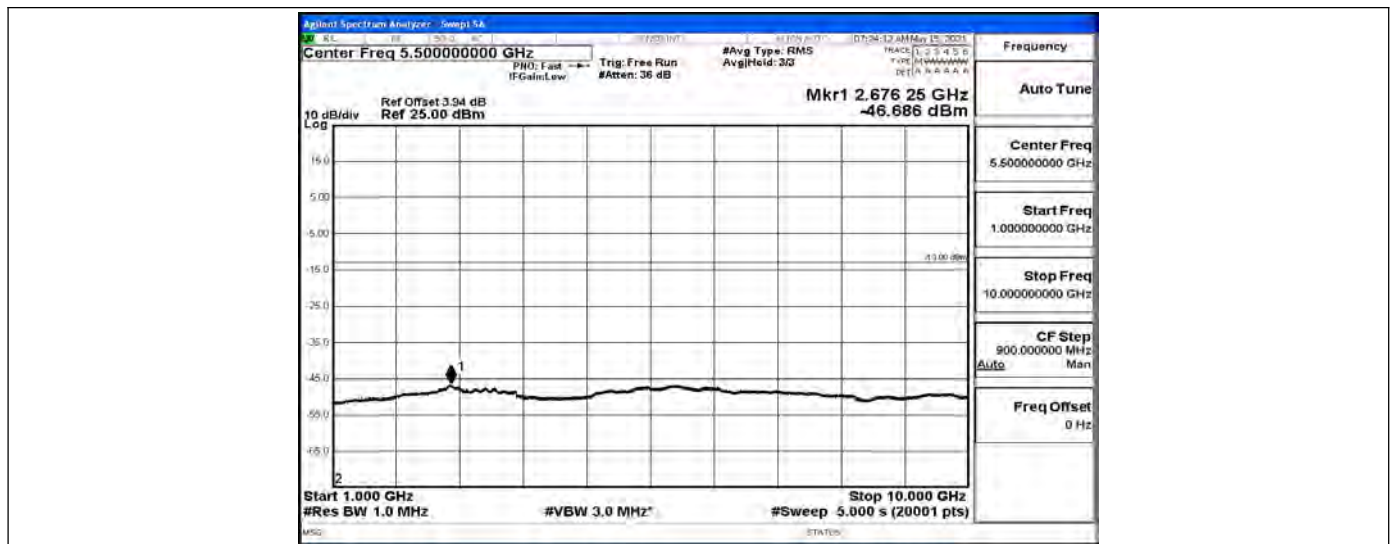
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



Note: Not recorded test plots from 9 KHz to 30 MHz as emission levels 20dB lower than emission limit.