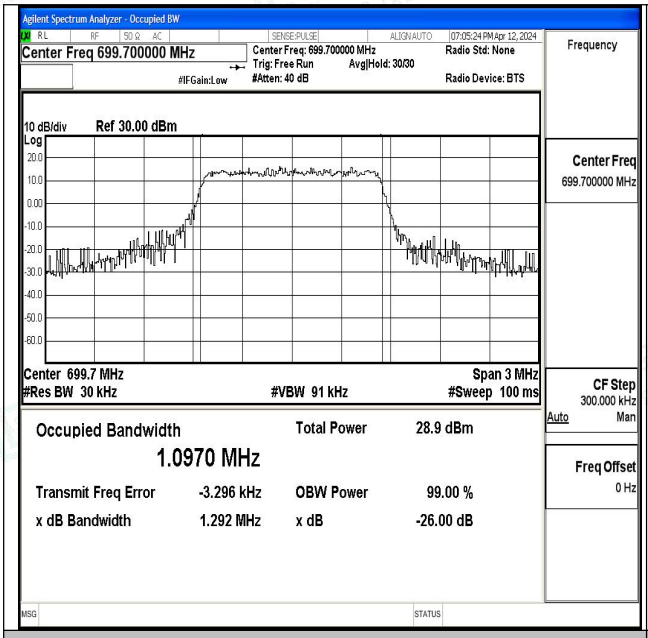
J.3 26dB Bandwidth and Occupied Bandwidth

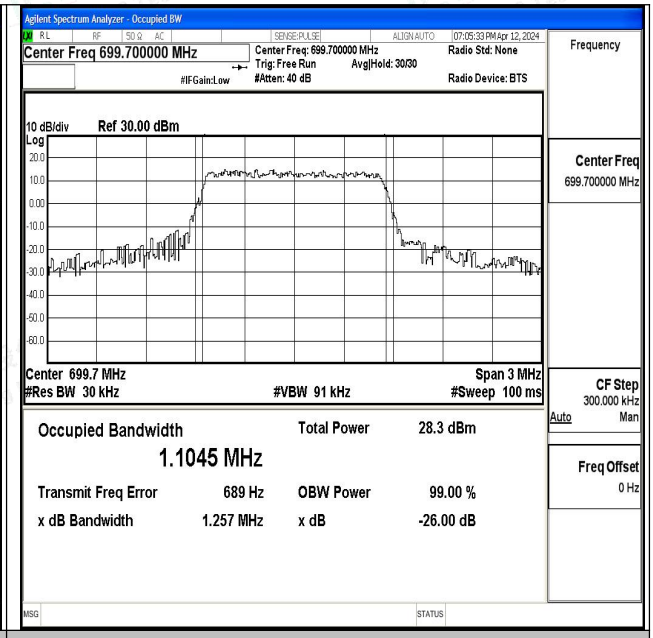
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0970	1.292	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1045	1.257	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0901	1.280	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1026	1.285	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0926	1.293	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1074	1.333	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7173	3.139	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7000	3.125	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7082	3.074	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7016	3.077	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7124	3.093	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6998	3.071	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5256	5.304	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5321	5.317	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5200	5.296	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5182	5.252	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5198	5.343	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5147	5.236	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0050	10.05	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0101	10.12	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9979	9.992	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9844	10.14	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9804	10.14	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9808	10.05	PASS

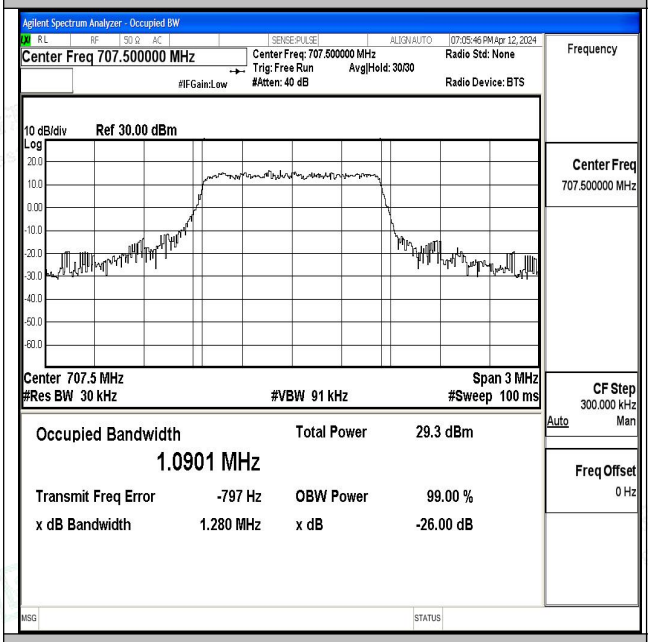
Test Graphs



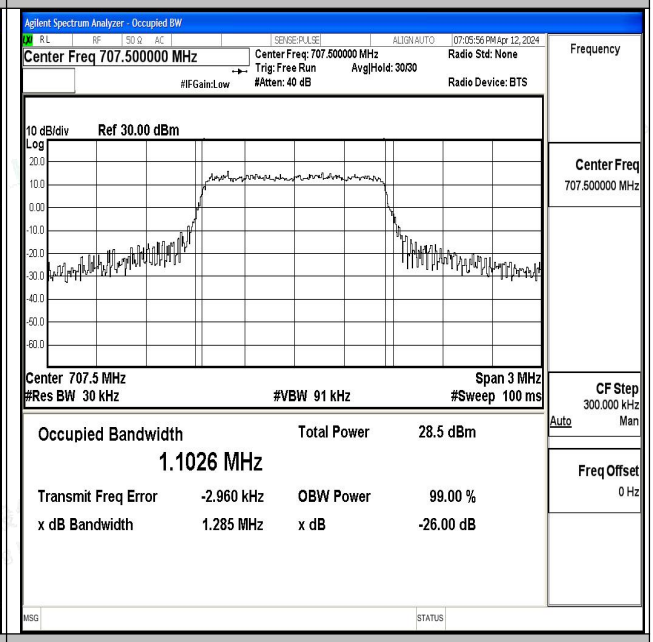
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



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



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



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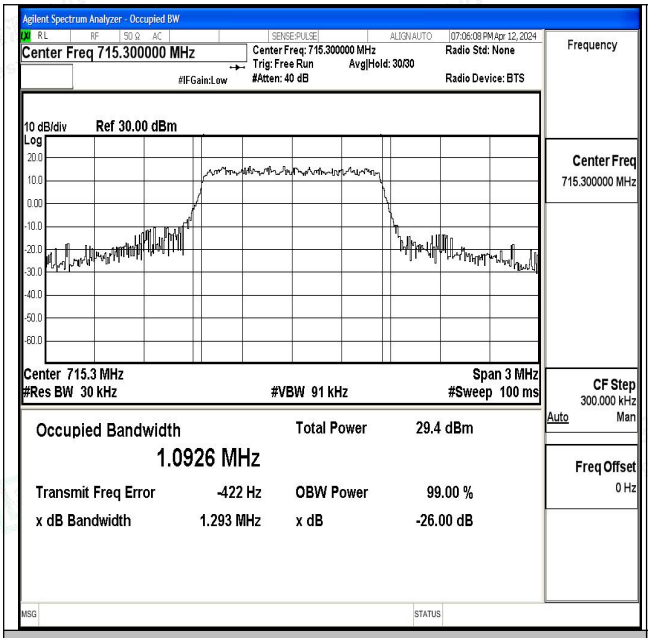
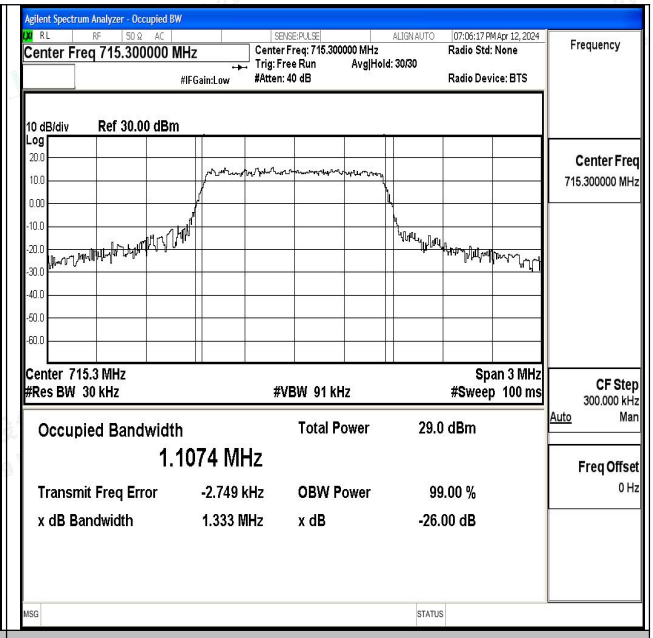
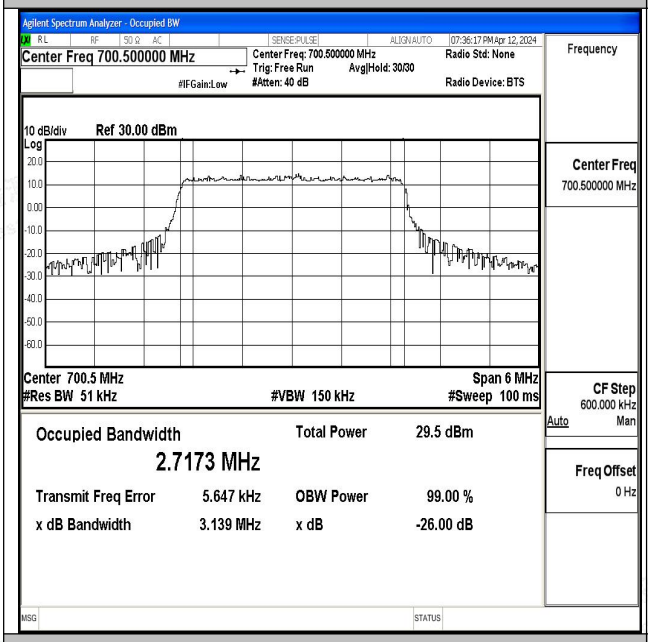


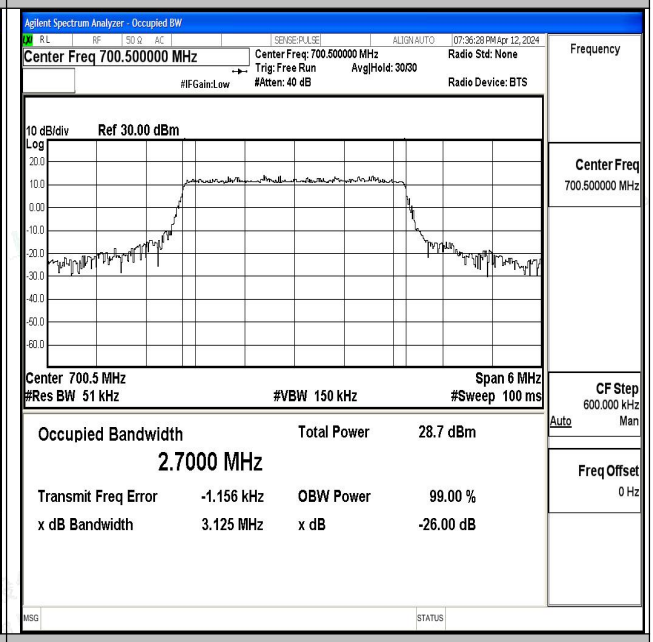
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



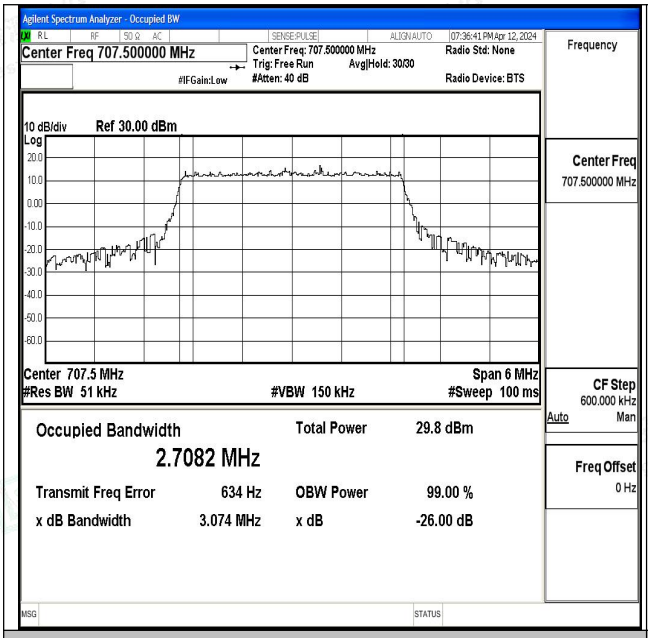
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



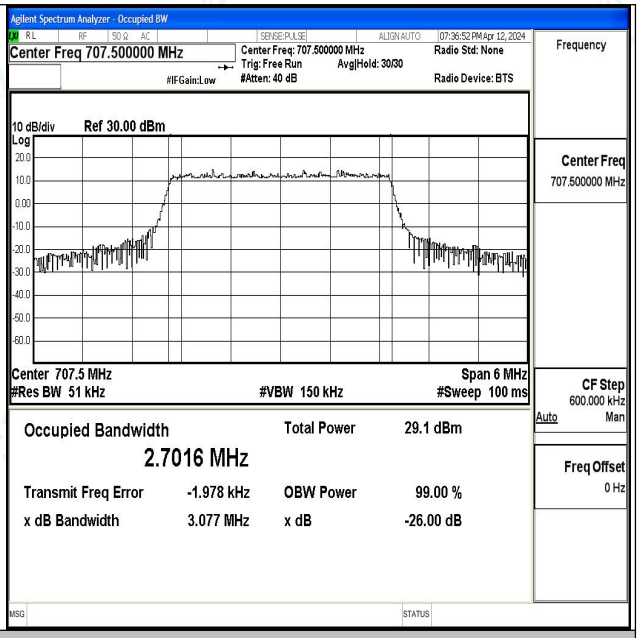
Band12-3MHz-QPSK-23025-15RB#0-PASS



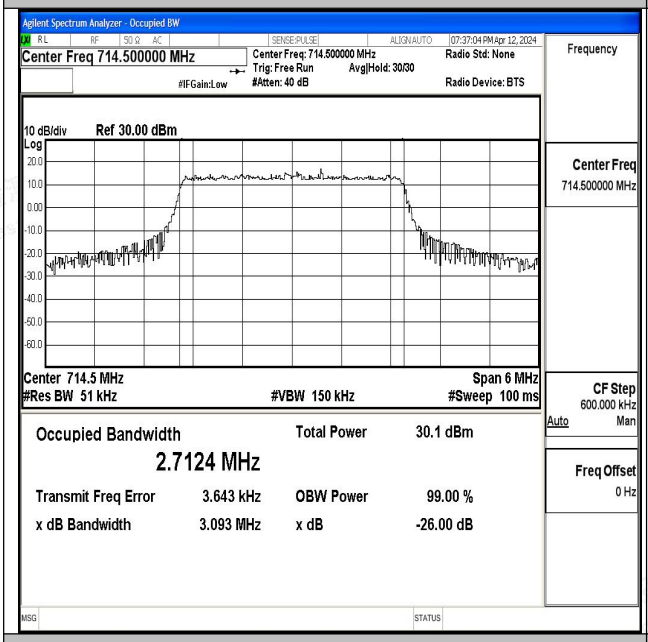
Band12-3MHz-16QAM-23025-15RB#0-PASS



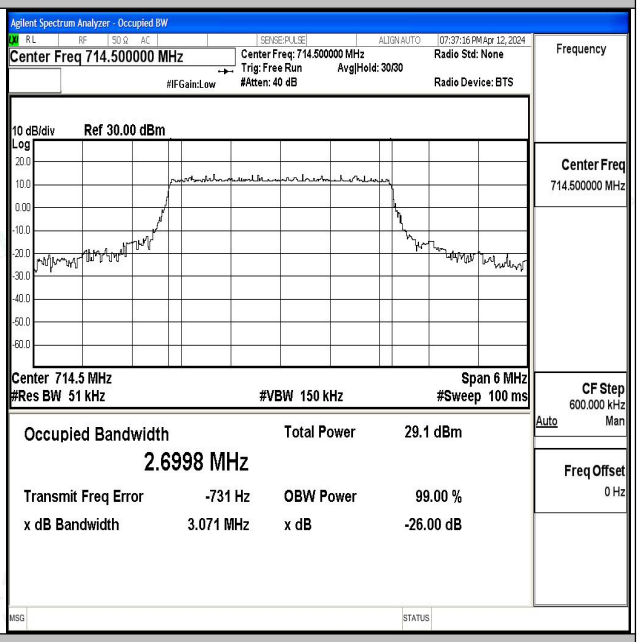
Band12-3MHz-QPSK-23095-15RB#0-PASS



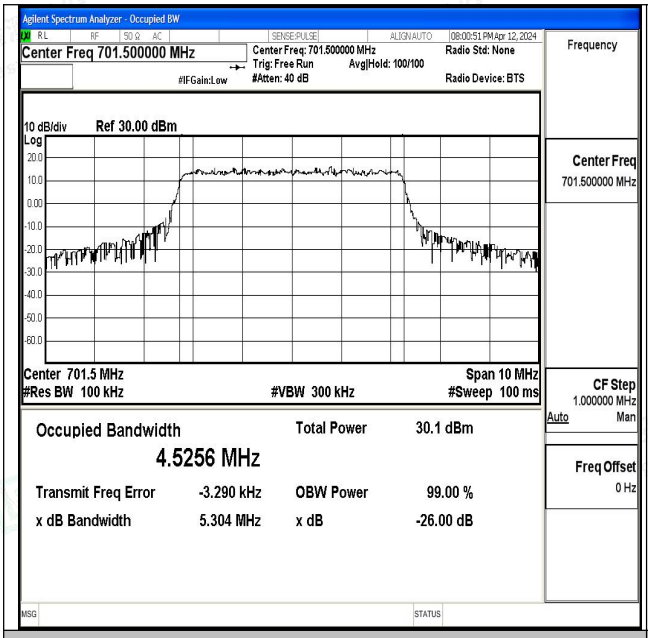
Band12-3MHz-16QAM-23095-15RB#0-PASS



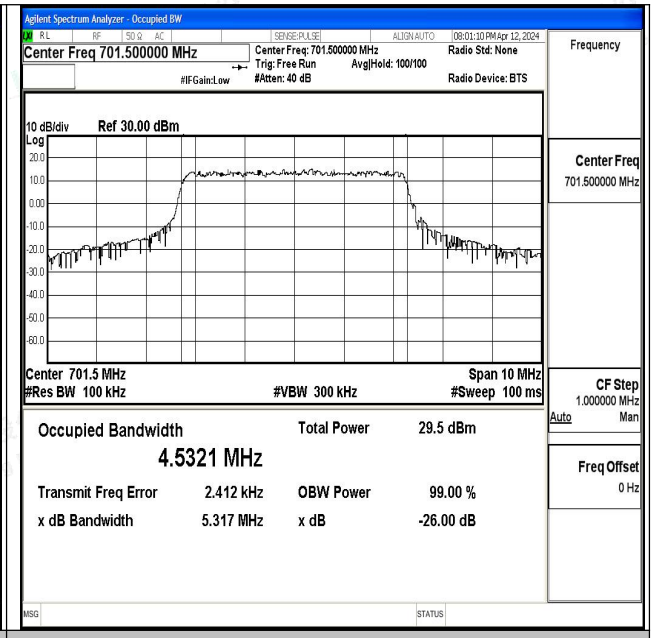
Band12-3MHz-QPSK-23165-15RB#0-PASS



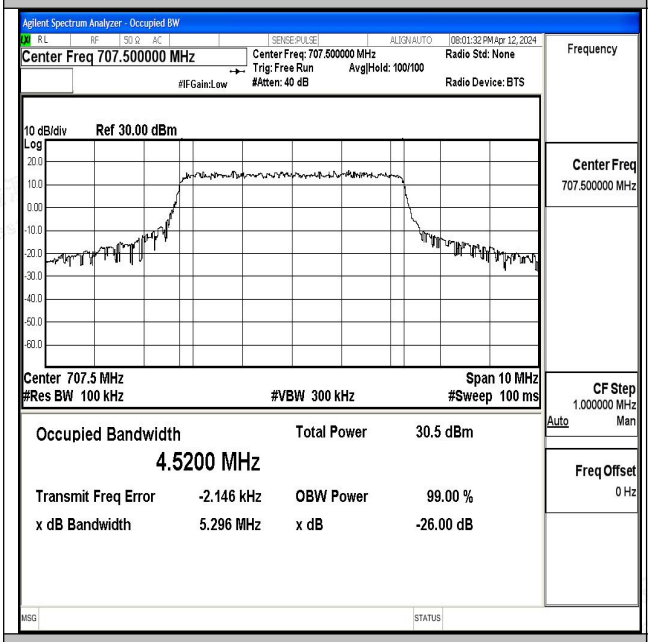
Band12-3MHz-16QAM-23165-15RB#0-PASS



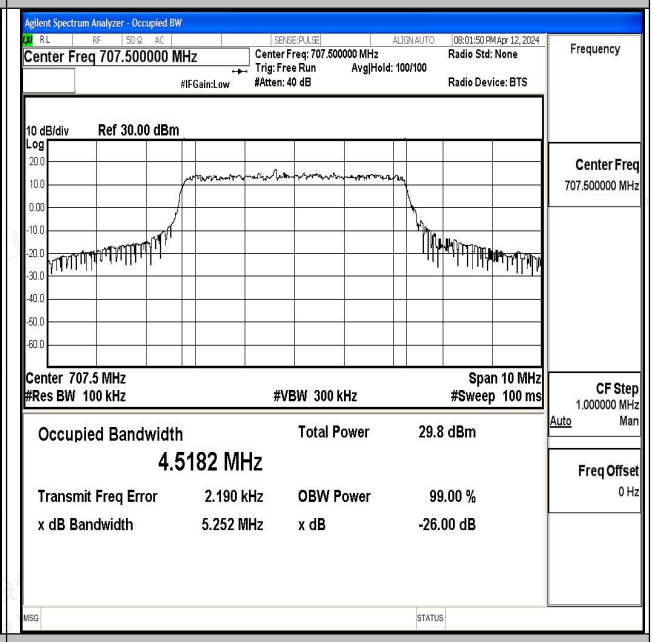
Band12-5MHz-QPSK-23035-25RB#0-PASS



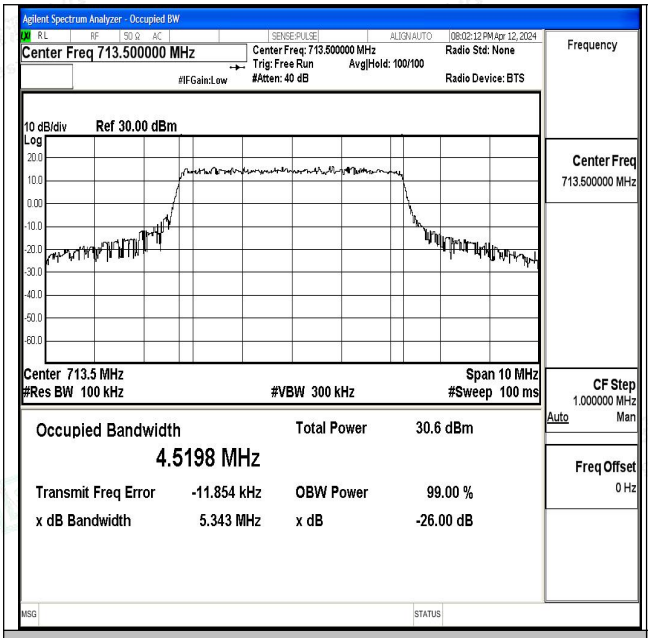
Band12-5MHz-16QAM-23035-25RB#0-PASS



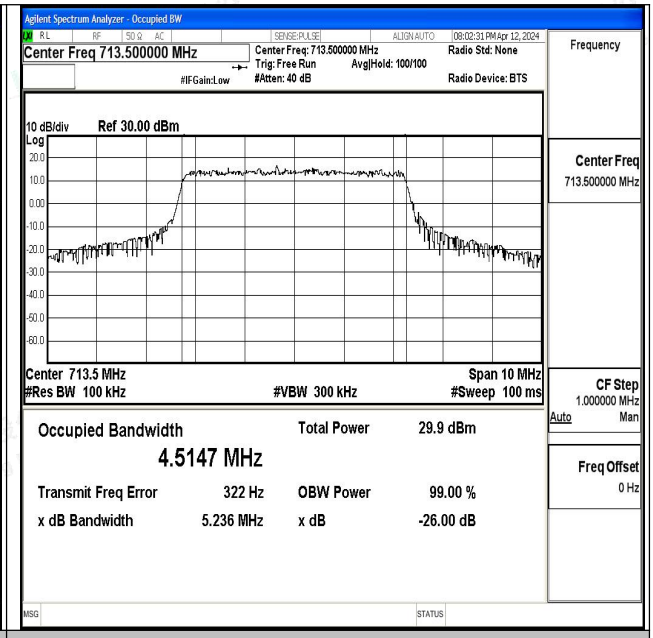
Band12-5MHz-QPSK-23095-25RB#0-PASS



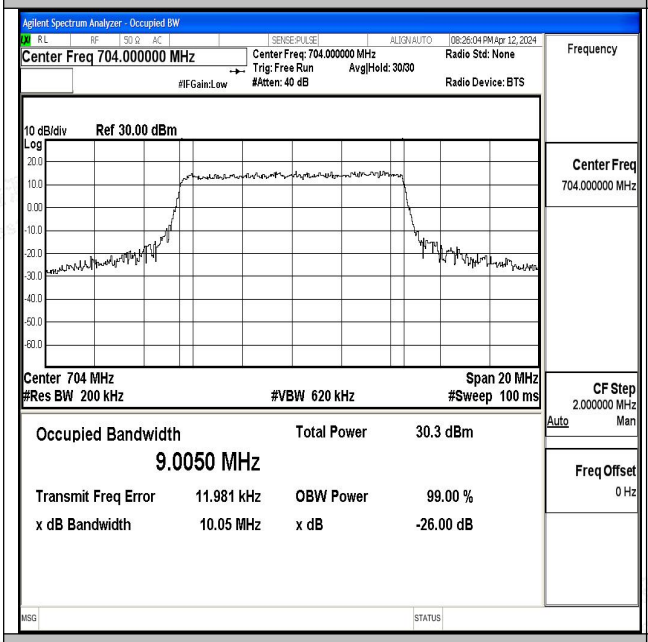
Band12-5MHz-16QAM-23095-25RB#0-PASS



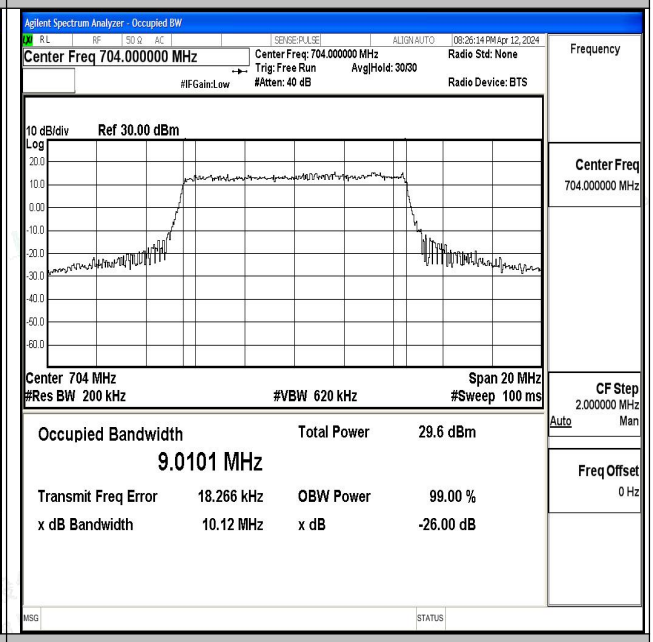
Band12-5MHz-QPSK-23155-25RB#0-PASS



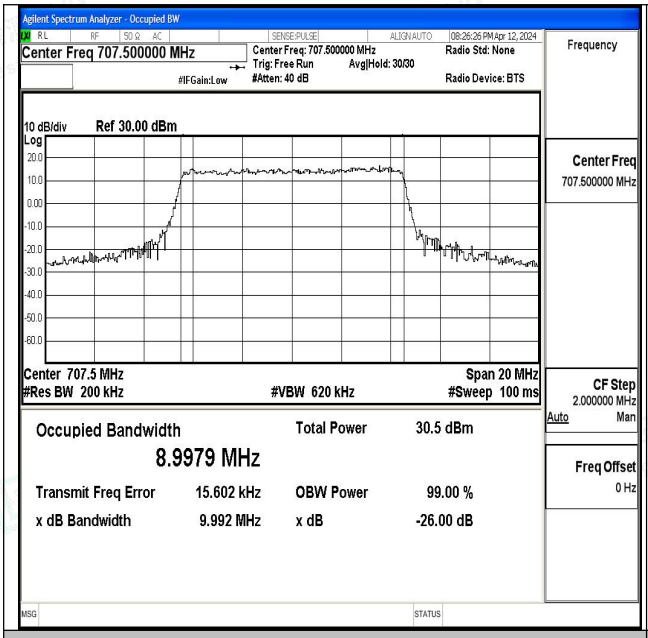
Band12-5MHz-16QAM-23155-25RB#0-PASS



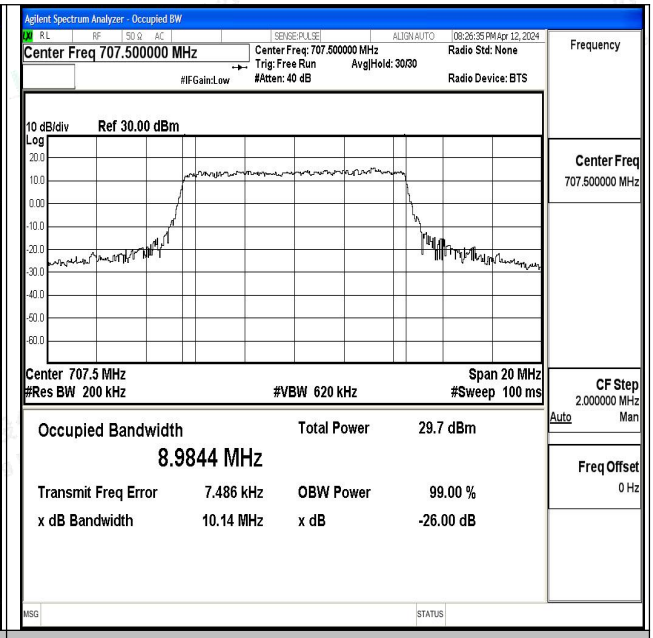
Band12-10MHz-QPSK-23060-50RB#0-PASS



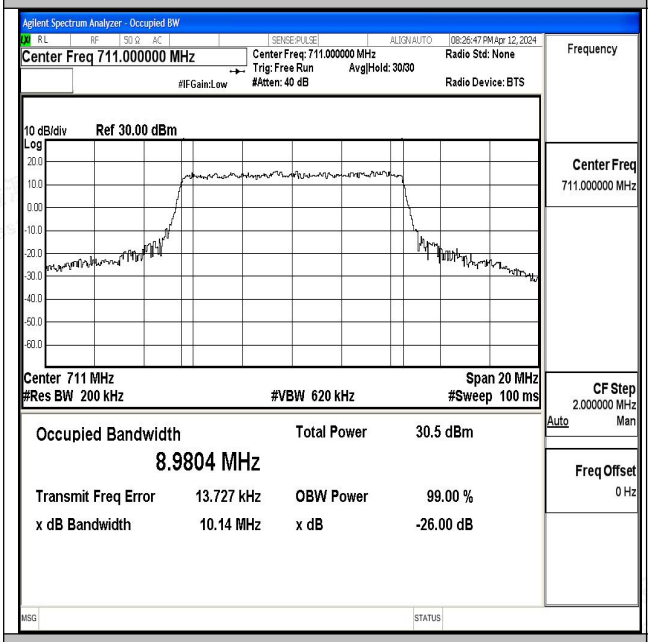
Band12-10MHz-16QAM-23060-50RB#0-PASS



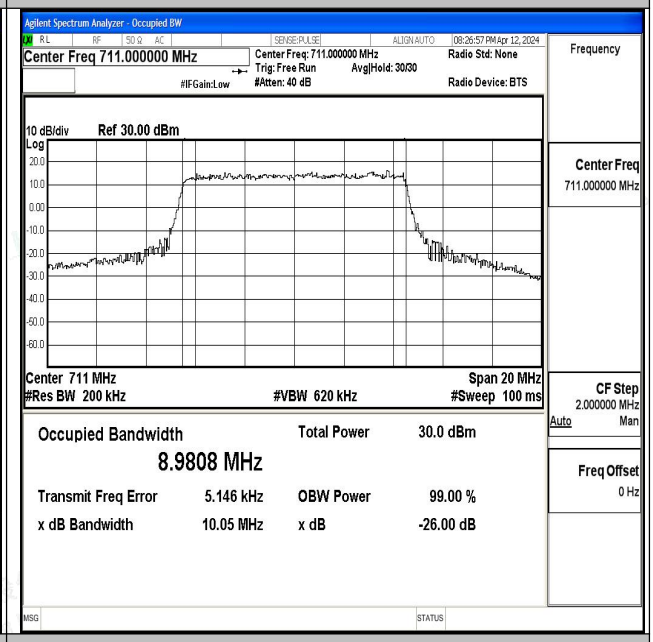
Band12-10MHz-QPSK-23095-50RB#0-PASS



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



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



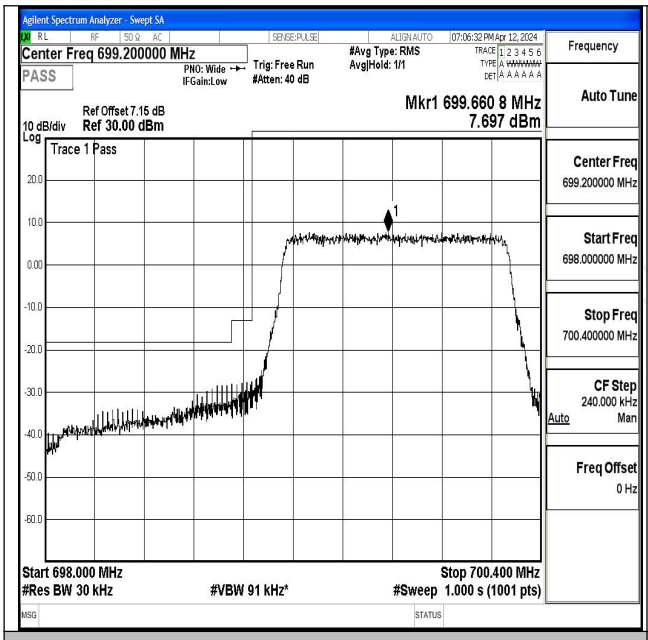
Band12-10MHz-16QAM-23130-50RB#0-PASS

J.4 Band Edge

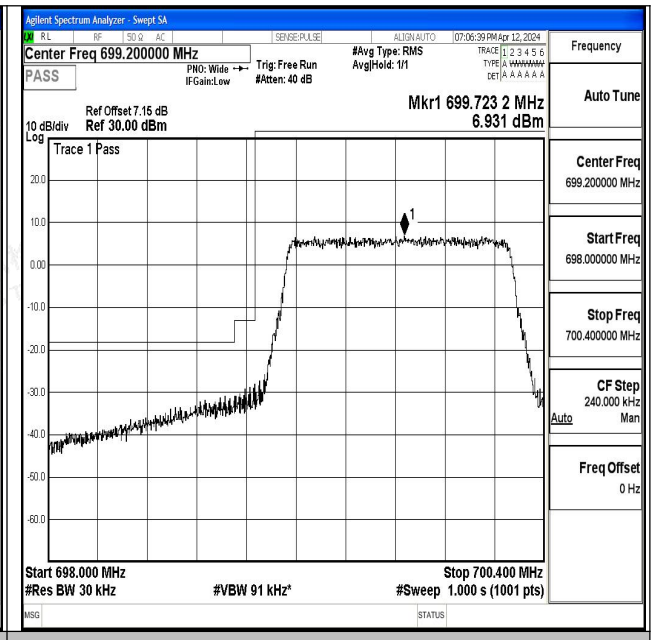
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-28.37	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.92	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.82	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.90	PASS
Band12	3MHz	QPSK	23025	15RB#0	-24.85	PASS
Band12	3MHz	16QAM	23025	15RB#0	-24.55	PASS
Band12	3MHz	QPSK	23165	15RB#0	-23.40	PASS
Band12	3MHz	16QAM	23165	15RB#0	-25.60	PASS
Band12	5MHz	QPSK	23035	25RB#0	-35.03	PASS
Band12	5MHz	16QAM	23035	25RB#0	-35.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	-35.45	PASS
Band12	5MHz	16QAM	23155	25RB#0	-33.36	PASS
Band12	10MHz	QPSK	23060	50RB#0	-38.74	PASS
Band12	10MHz	16QAM	23060	50RB#0	-39.78	PASS
Band12	10MHz	QPSK	23130	50RB#0	-41.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	-41.33	PASS

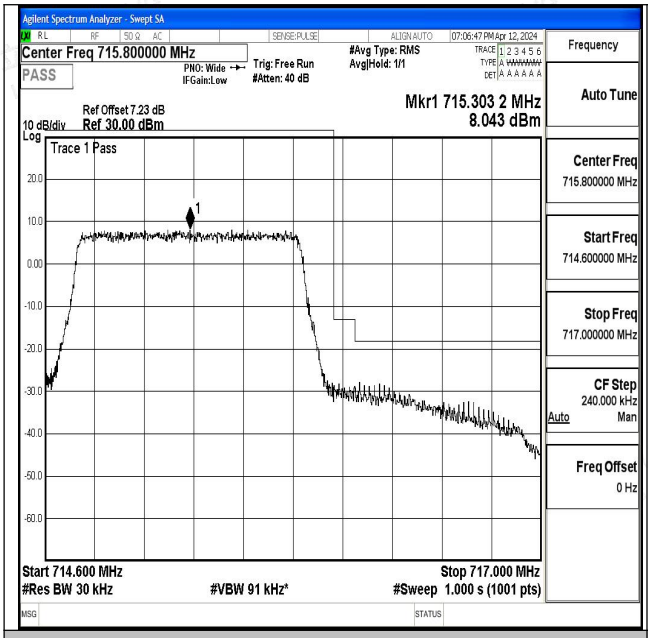
Test Graphs



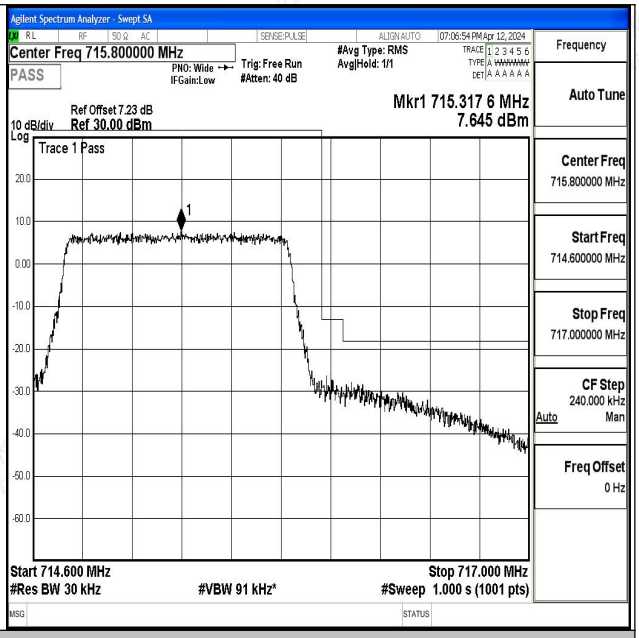
Band12_1.4MHz_QPSK_23017_6RB#0



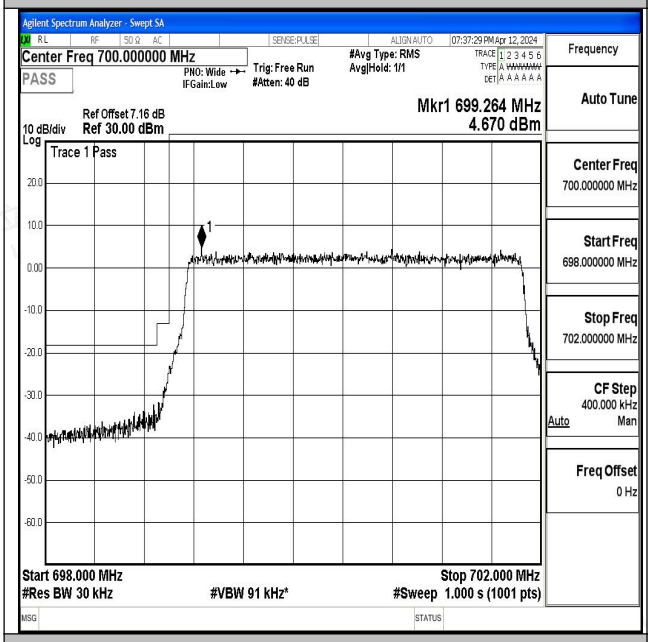
Band12_1.4MHz_16QAM_23017_6RB#0



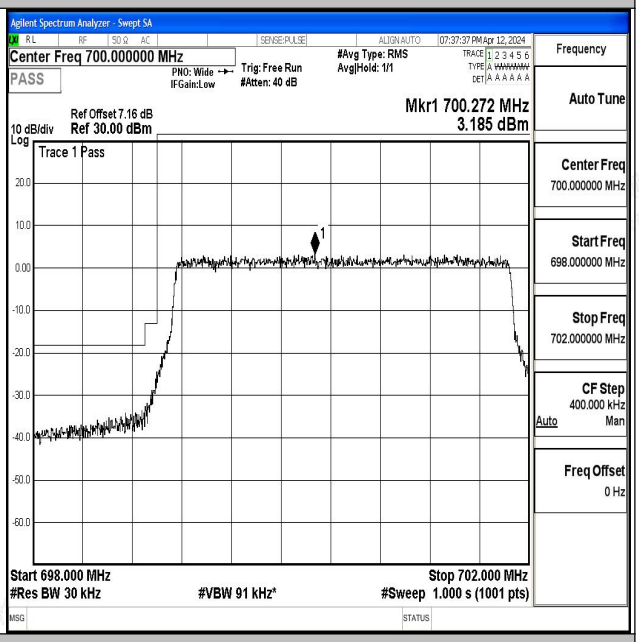
Band12_1.4MHz_QPSK_23173_6RB#0



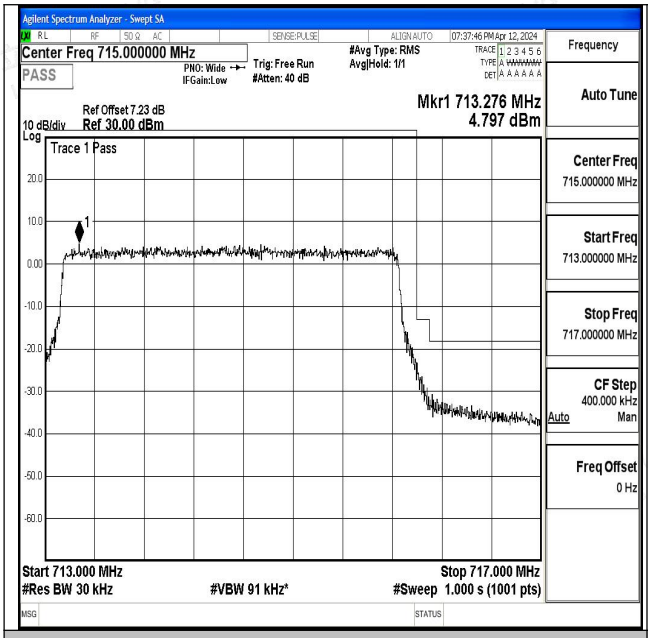
Band12_1.4MHz_16QAM_23173_6RB#0



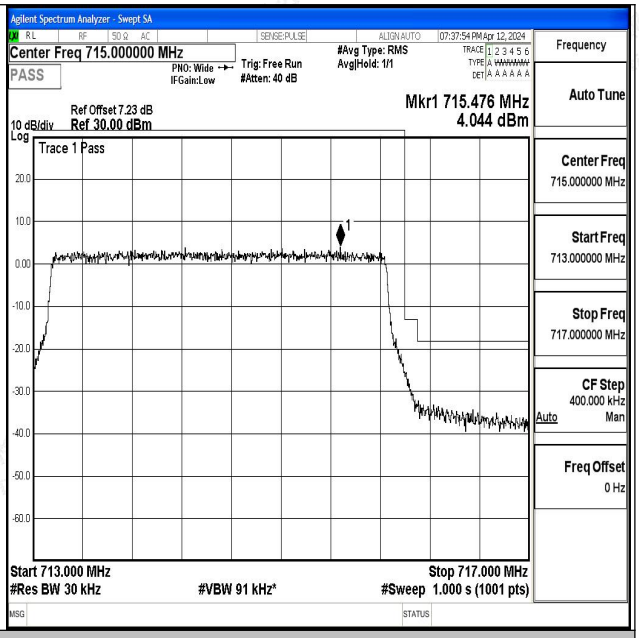
Band12_3MHz_QPSK_23025_15RB#0



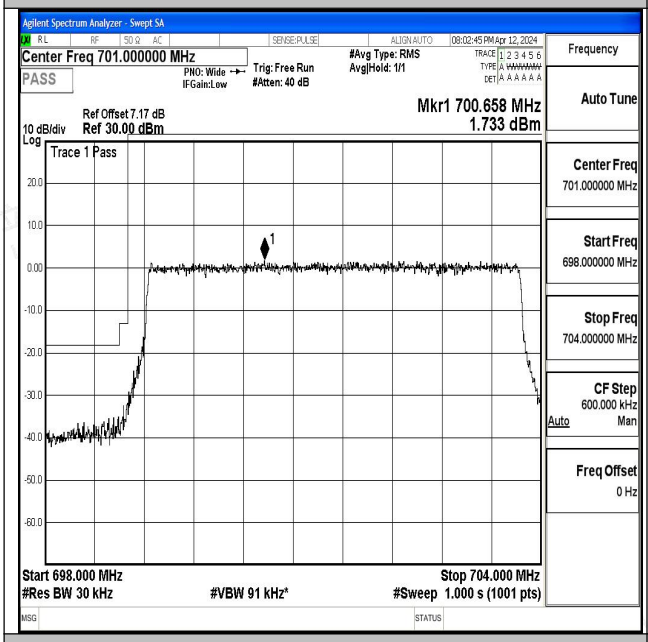
Band12_3MHz_16QAM_23025_15RB#0



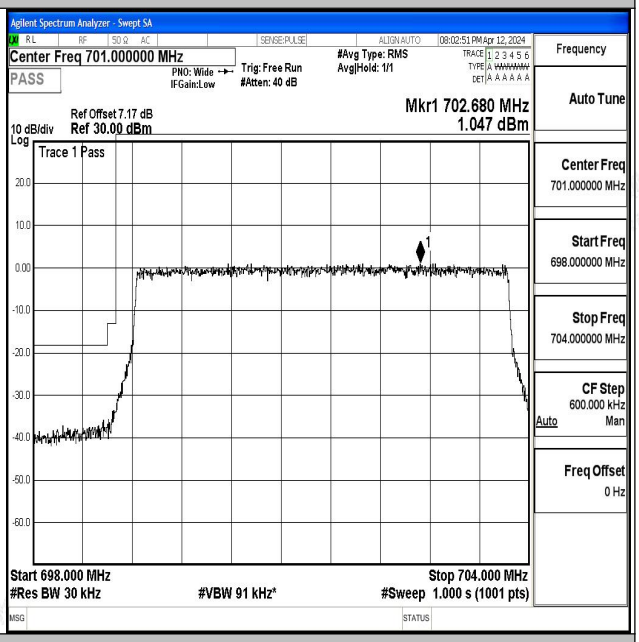
Band12_3MHz_QPSK_23165_15RB#0



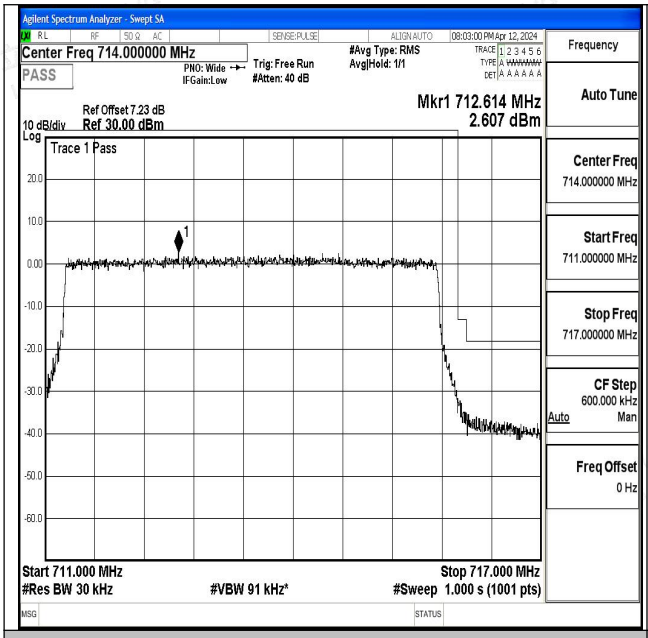
Band12_3MHz_16QAM_23165_15RB#0



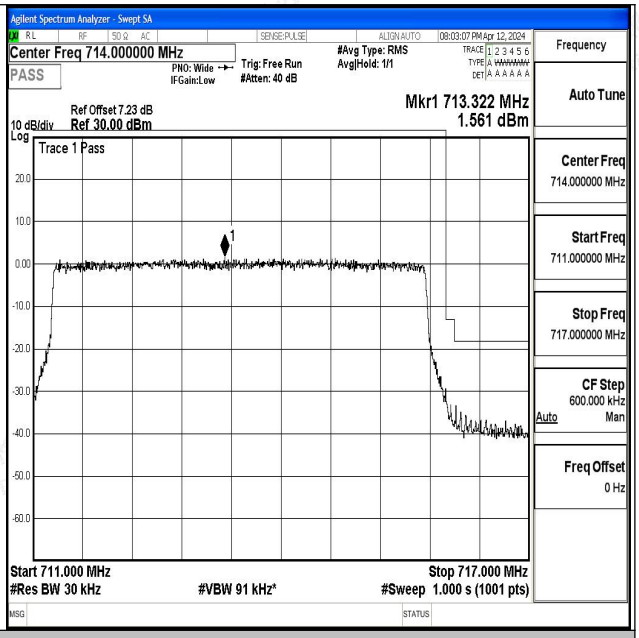
Band12_5MHz_QPSK_23035_25RB#0



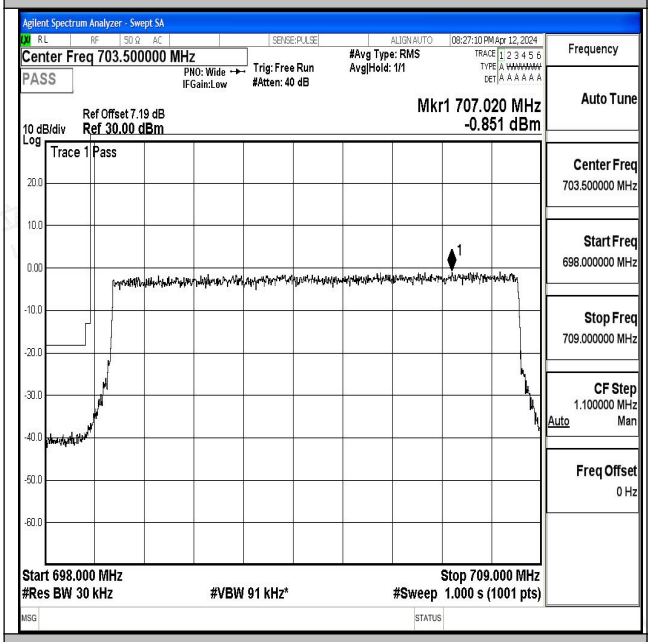
Band12_5MHz_16QAM_23035_25RB#0



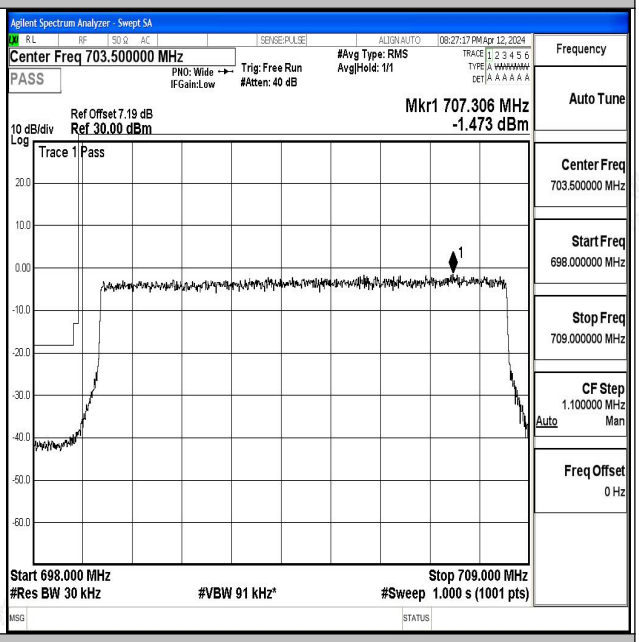
Band12_5MHz_QPSK_23155_25RB#0



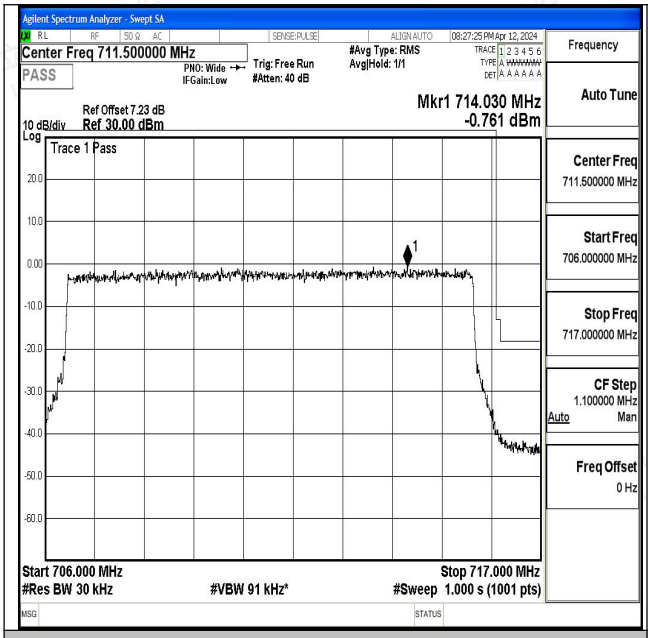
Band12_5MHz_16QAM_23155_25RB#0



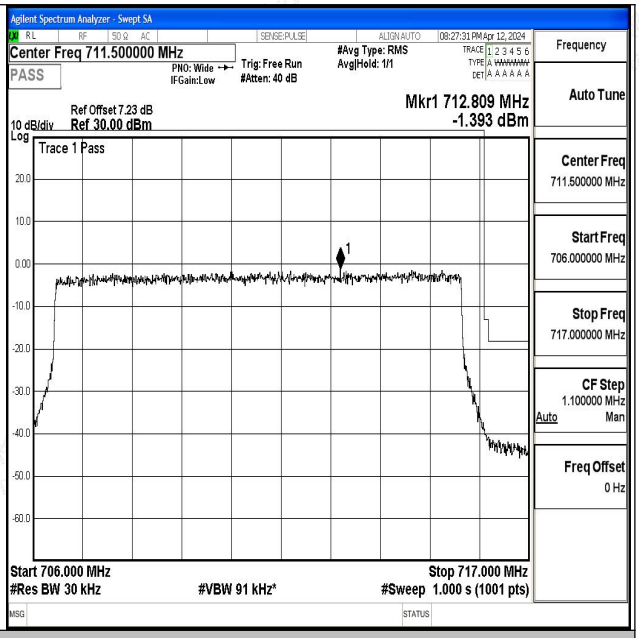
Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Band12_10MHz_16QAM_23130_50RB#0

J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-57.78	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-51.96	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-49.32	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-44.41	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.34	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.28	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-50.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-47.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-43.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.20	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-57.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-52.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-44.56	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-44.40	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-58.84	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-50.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-45.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-43.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-43.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-56.59	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-45.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-45.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-43.88	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-52.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-43.88	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-43.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.30	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-58.01	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-52.65	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-52.25	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-44.57	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.08	PASS

Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-54.57	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-52.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-46.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-44.76	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-43.38	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-57.92	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-52.54	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-49.54	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-44.86	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.11	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-57.57	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-51.49	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-48.50	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-45.36	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.20	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-56.88	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-51.32	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-52.34	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-44.58	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-58.04	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-51.51	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-50.47	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-44.36	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-44.32	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-56.69	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-51.87	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-59.02	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-44.67	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.11	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-55.86	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-52.79	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-58.98	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-45.60	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-43.98	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-58.00	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-49.83	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-61.56	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-44.31	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.22	PASS

Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-60.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-52.94	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-60.73	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-46.29	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.14	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.66	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-52.09	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-58.50	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-44.50	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.07	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-59.25	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-53.18	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-59.57	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-45.07	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-43.86	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-58.43	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-50.16	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-44.65	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-43.85	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-57.38	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-53.20	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.15	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-43.75	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.13	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-57.58	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-52.13	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.14	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-45.75	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.15	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-55.57	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-52.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.13	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-45.18	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-43.82	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-58.05	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-52.97	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-61.86	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-44.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-43.96	PASS