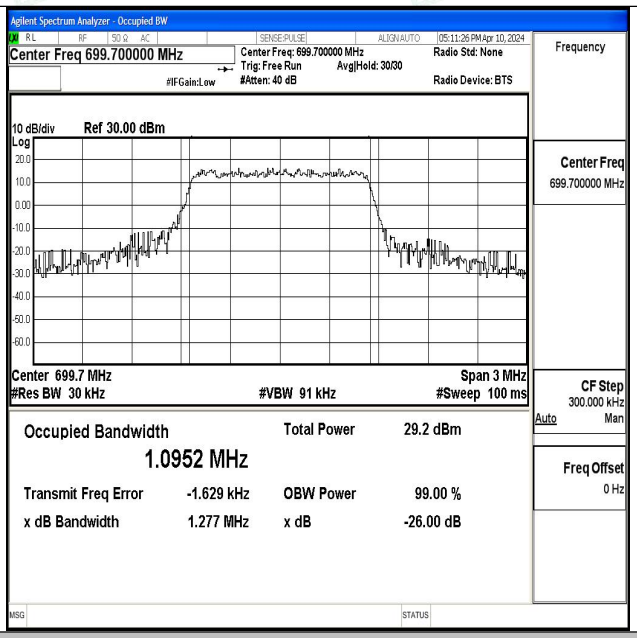
I.3 26dB Bandwidth and Occupied Bandwidth

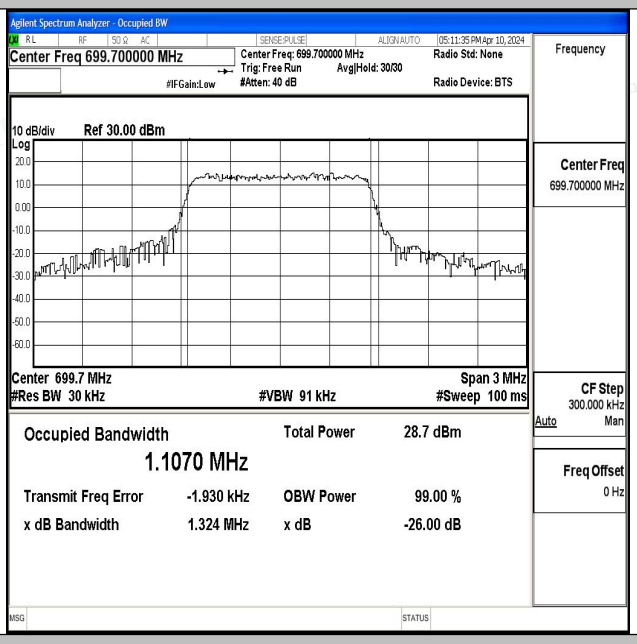
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0952	1.277	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1070	1.324	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0939	1.289	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1048	1.278	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0953	1.275	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1062	1.330	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7085	3.196	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7070	3.073	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7110	3.222	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6995	3.120	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7087	3.077	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6994	3.115	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5311	5.330	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5275	5.256	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5287	5.312	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5152	5.292	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5244	5.322	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5114	5.266	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0018	10.20	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9981	10.07	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9934	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9885	10.05	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9822	10.06	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9817	10.12	PASS

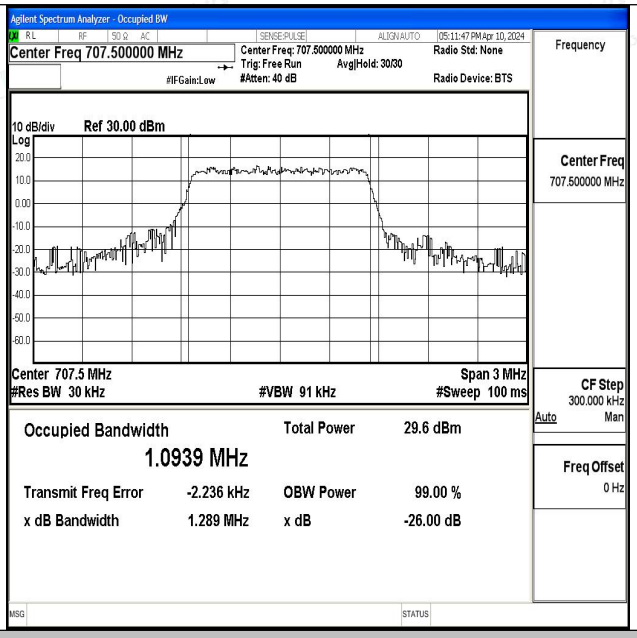
Test Graphs



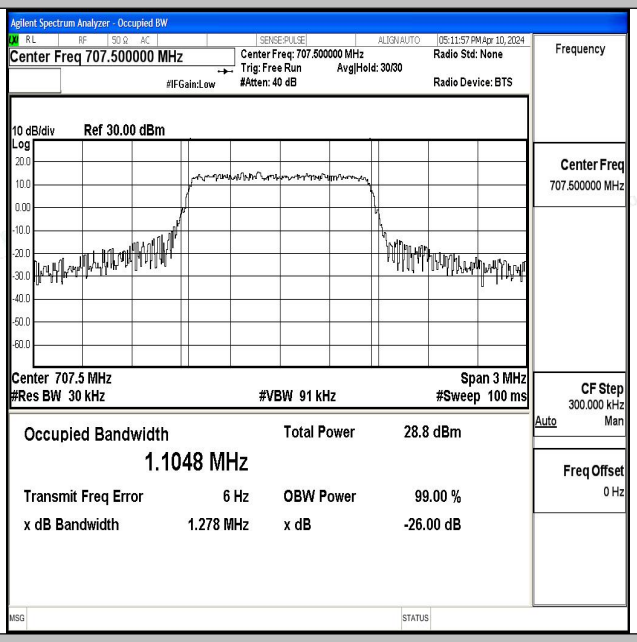
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



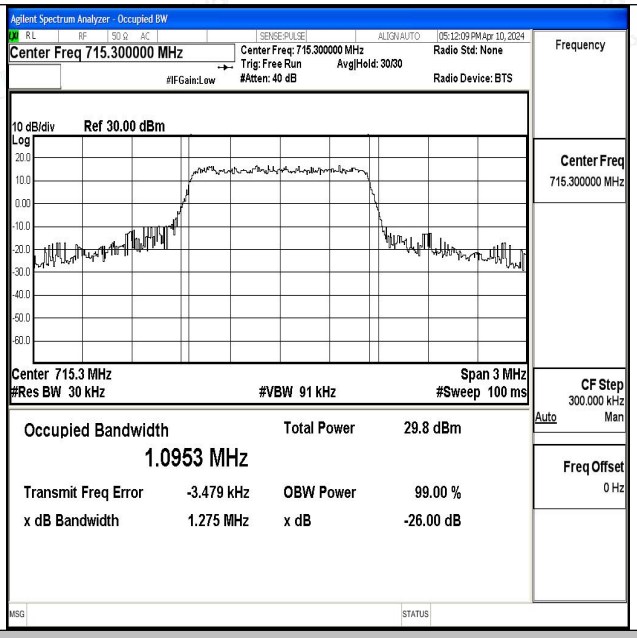
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



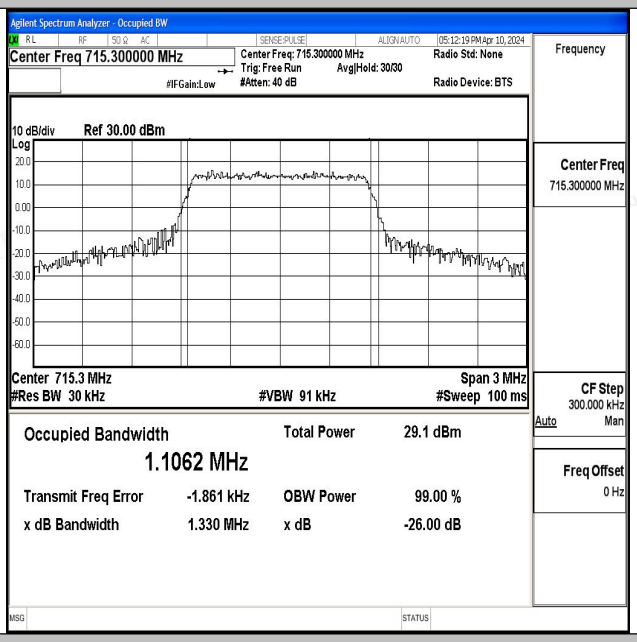
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



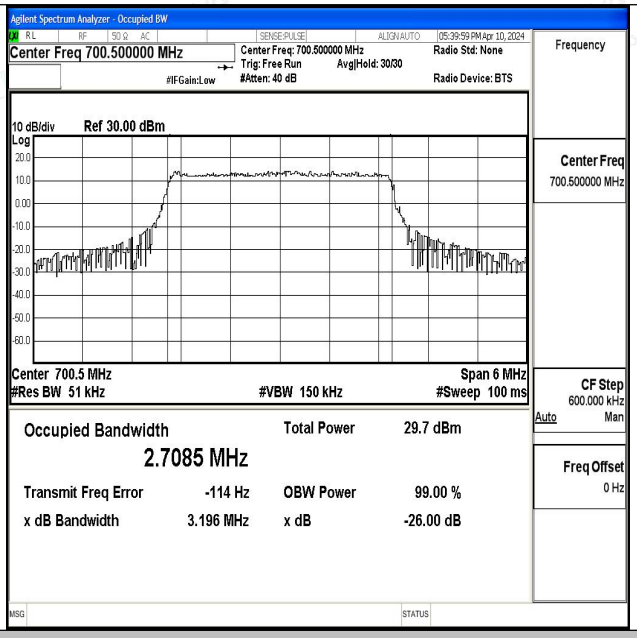
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



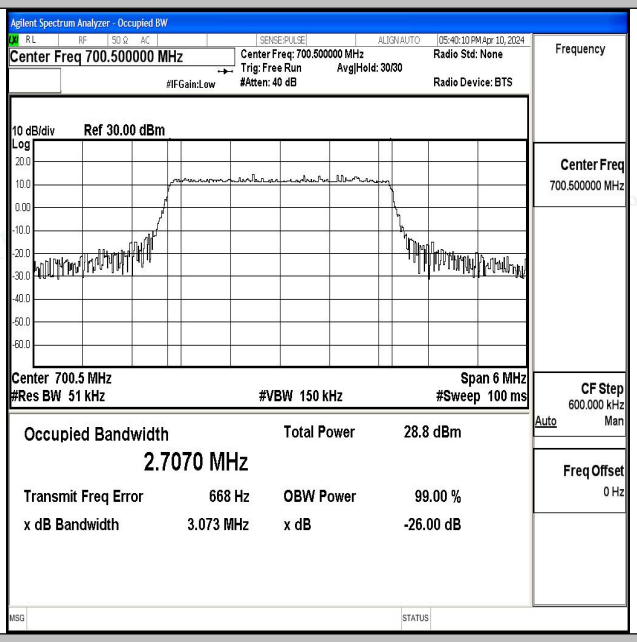
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



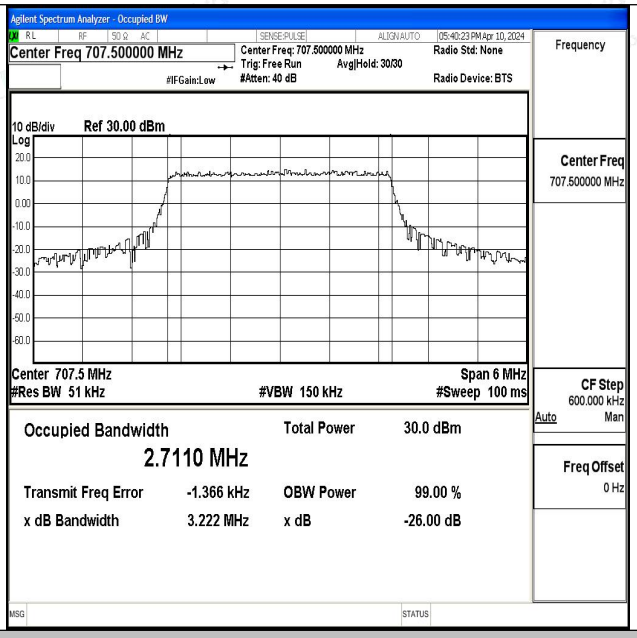
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



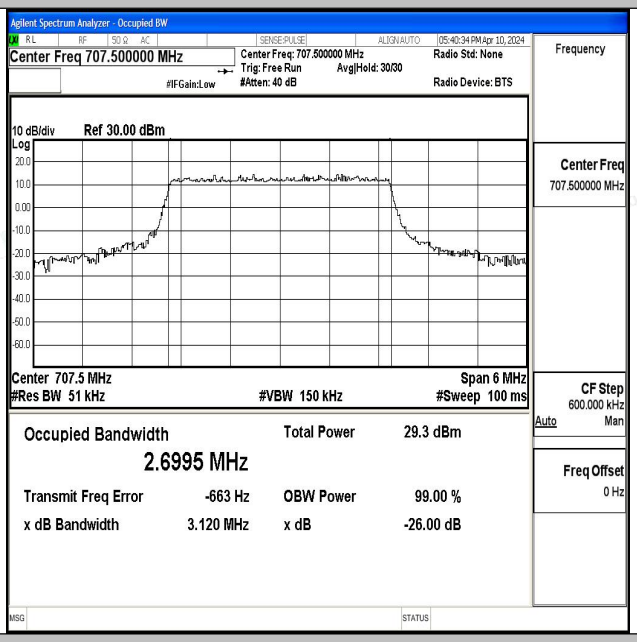
Band12-3MHz-QPSK-23025-15RB#0-PASS



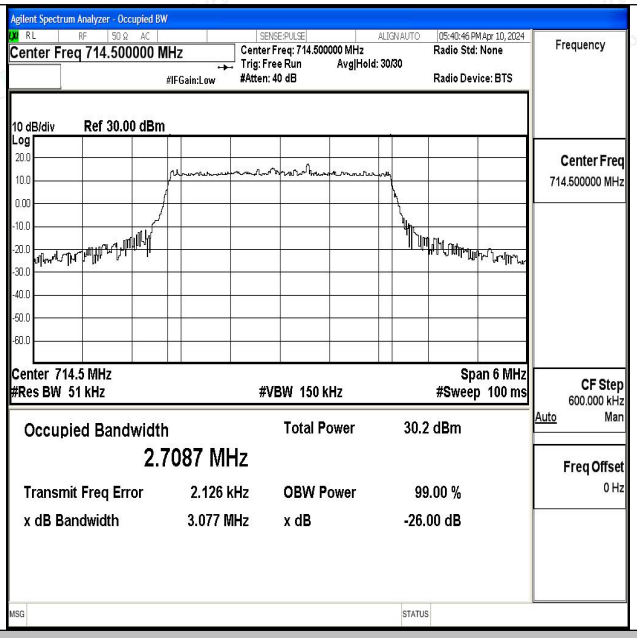
Band12-3MHz-16QAM-23025-15RB#0-PASS



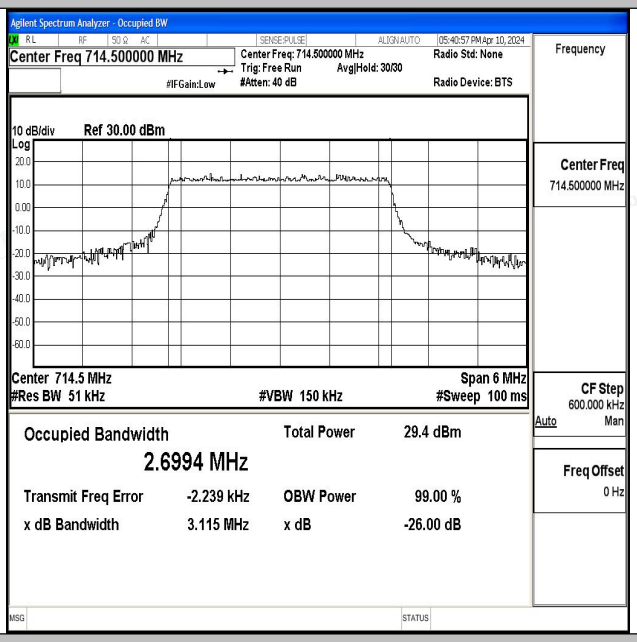
Band12-3MHz-QPSK-23095-15RB#0-PASS



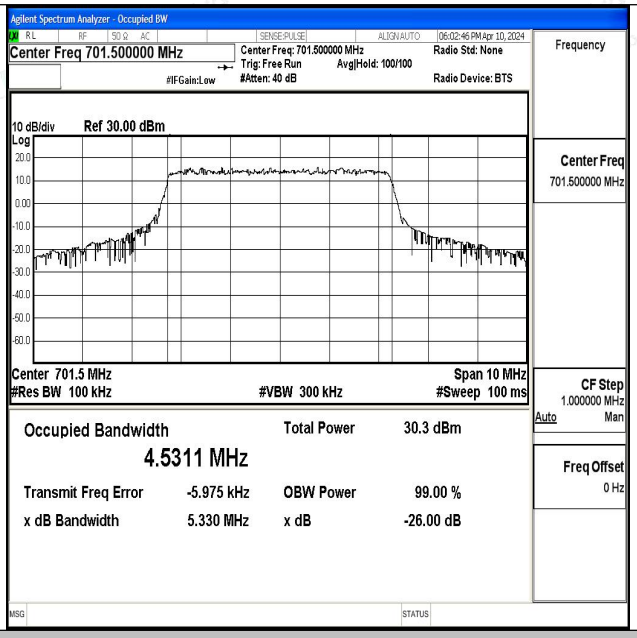
Band12-3MHz-16QAM-23095-15RB#0-PASS



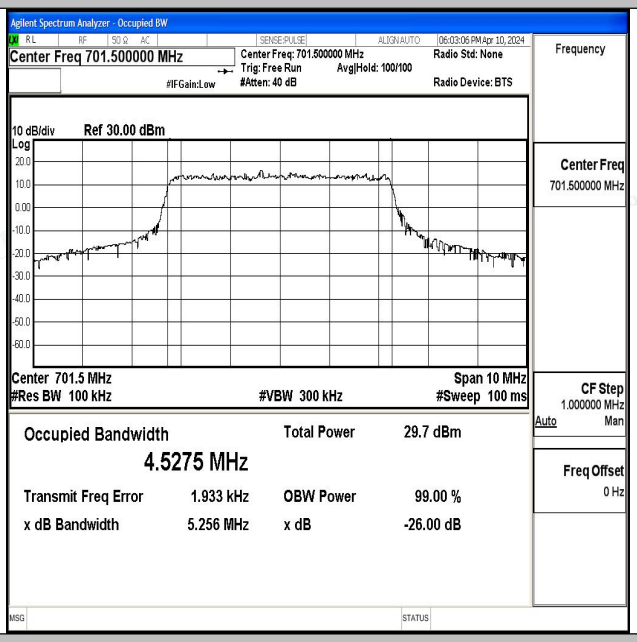
Band12-3MHz-QPSK-23165-15RB#0-PASS



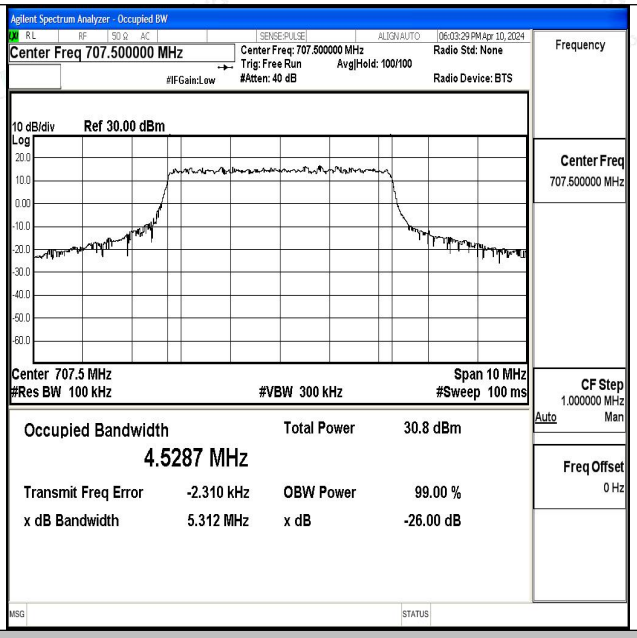
Band12-3MHz-16QAM-23165-15RB#0-PASS



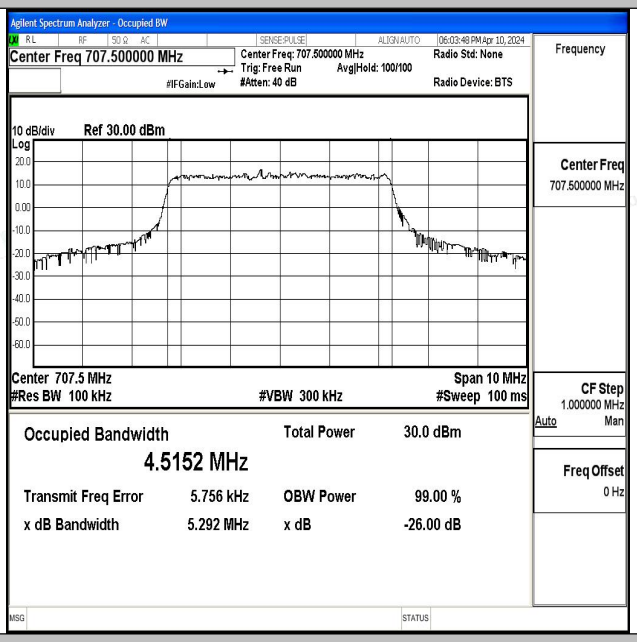
Band12-5MHz-QPSK-23035-25RB#0-PASS



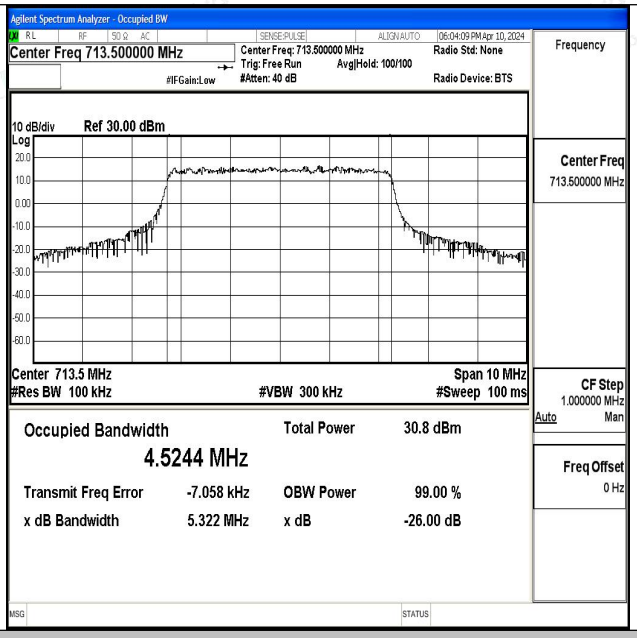
Band12-5MHz-16QAM-23035-25RB#0-PASS



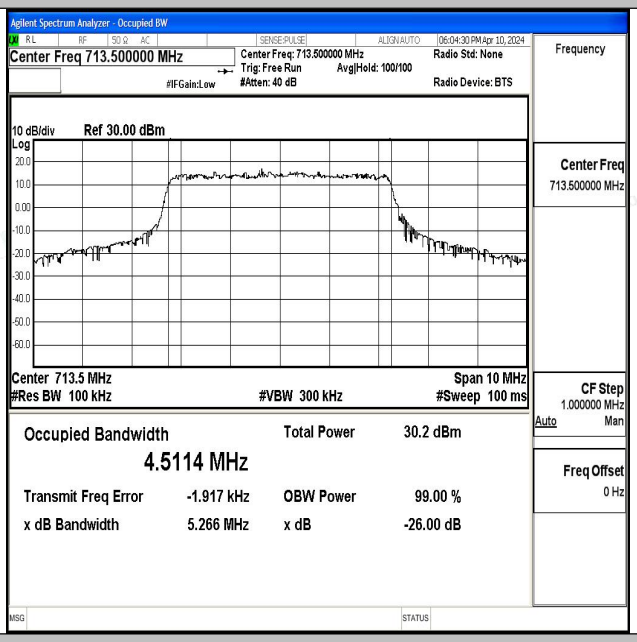
Band12-5MHz-QPSK-23095-25RB#0-PASS



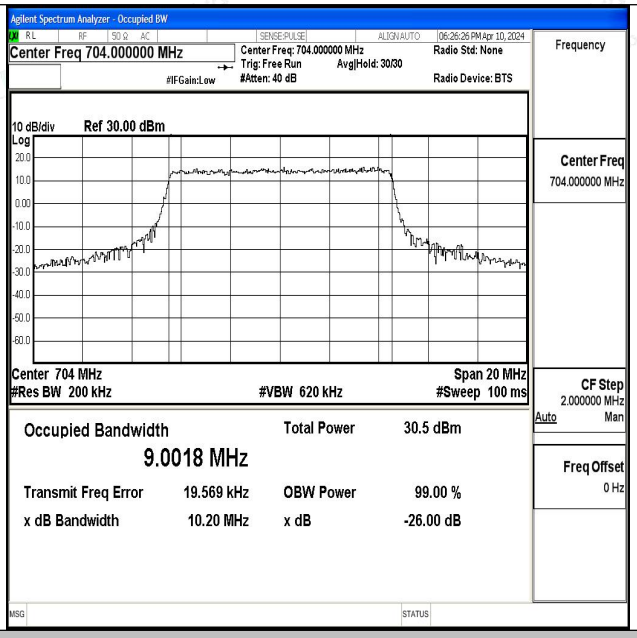
Band12-5MHz-16QAM-23095-25RB#0-PASS



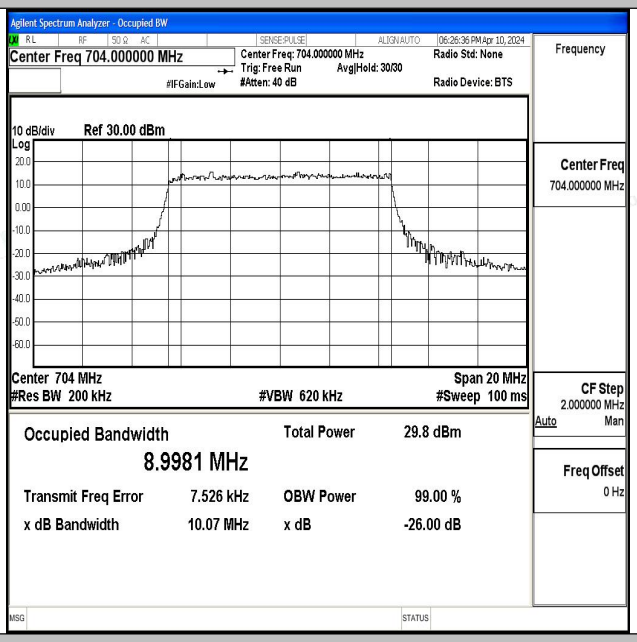
Band12-5MHz-QPSK-23155-25RB#0-PASS



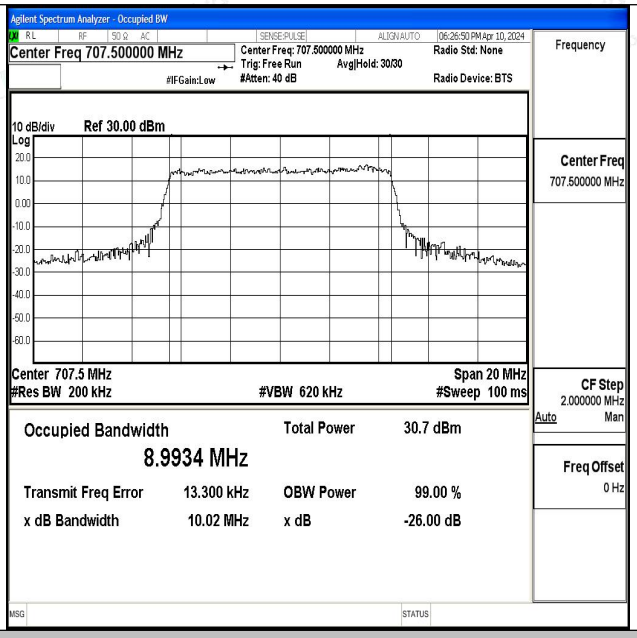
Band12-5MHz-16QAM-23155-25RB#0-PASS



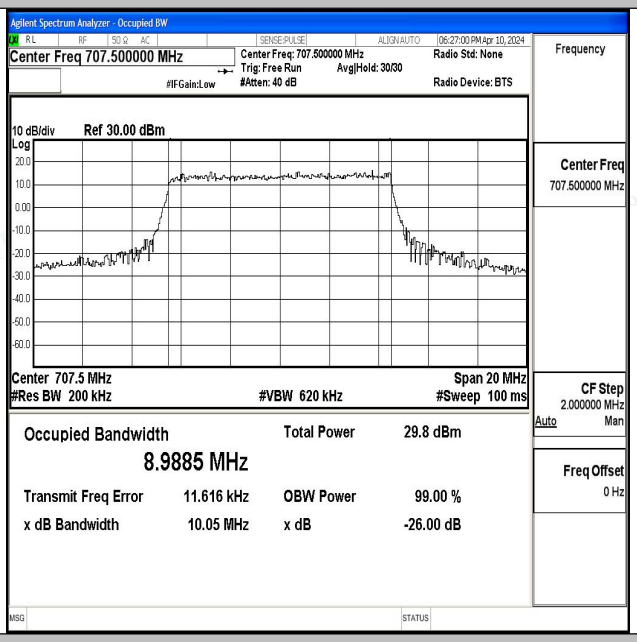
Band12-10MHz-QPSK-23060-50RB#0-PASS



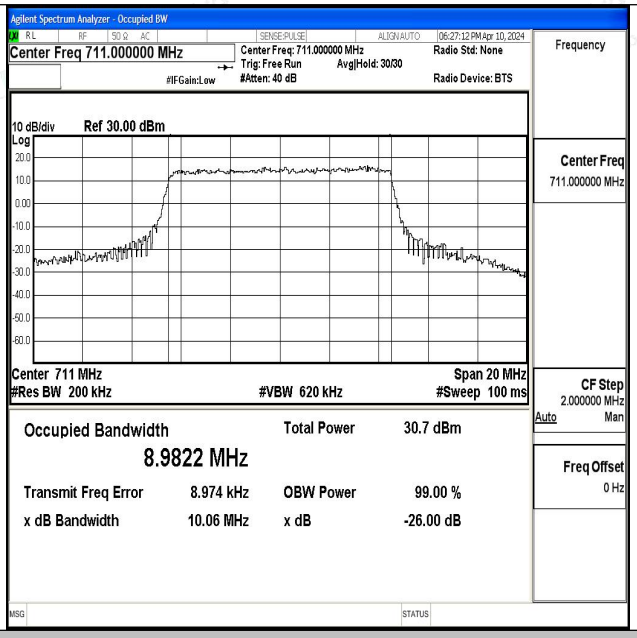
Band12-10MHz-16QAM-23060-50RB#0-PASS



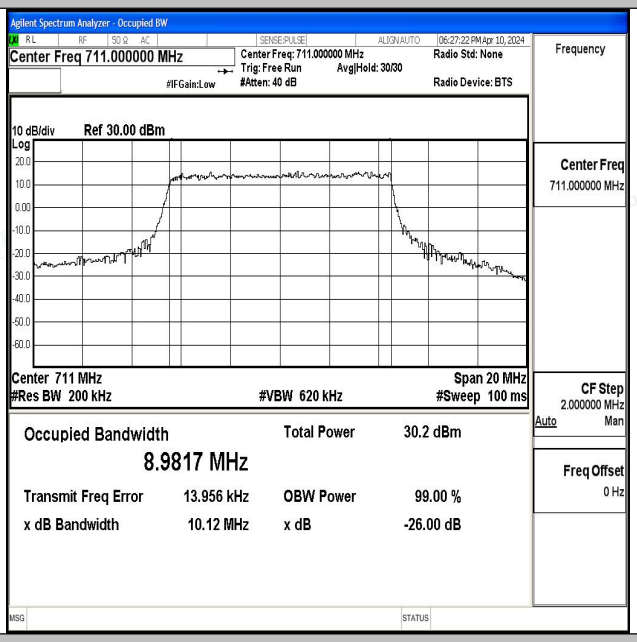
Band12-10MHz-QPSK-23095-50RB#0-PASS



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



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



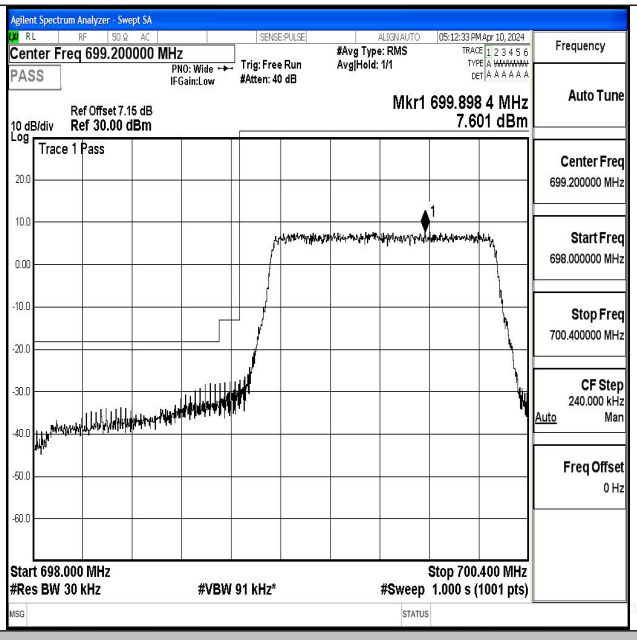
Band12-10MHz-16QAM-23130-50RB#0-PASS

I.4 Band Edge

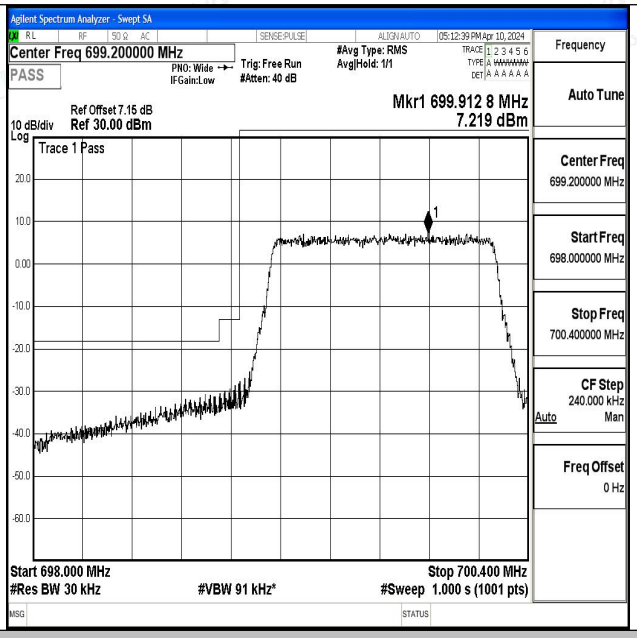
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.86	-28.12	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.84	-30.72	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.15	-27.49	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-28.45	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-24.27	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-26.15	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.02	-24.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.01	-25.61	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.82	-35.16	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.88	-35.55	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.10	-35.43	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.12	-34.11	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.88	-38.61	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.87	-39.85	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.14	-41.51	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.13	-40.58	PASS

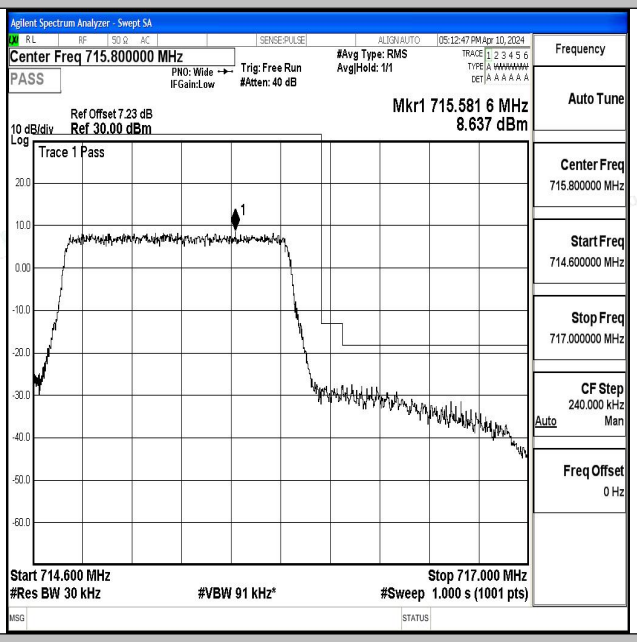
Test Graphs



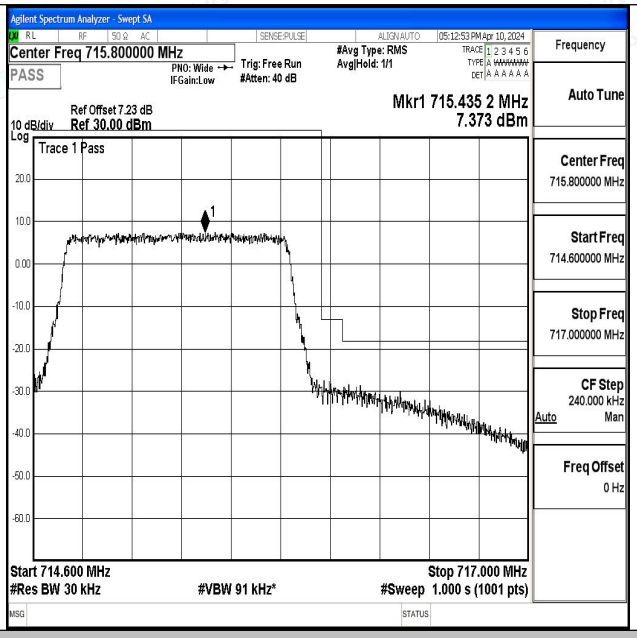
Band12_1.4MHz_QPSK_23017_6RB#0



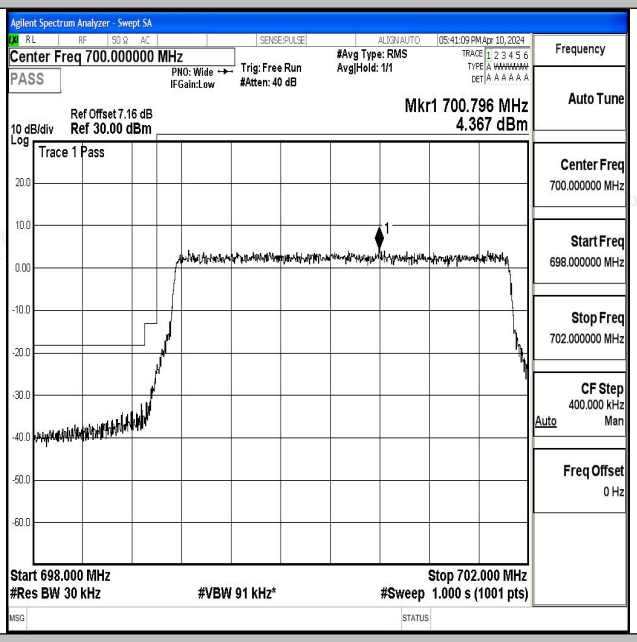
Band12_1.4MHz_16QAM_23017_6RB#0



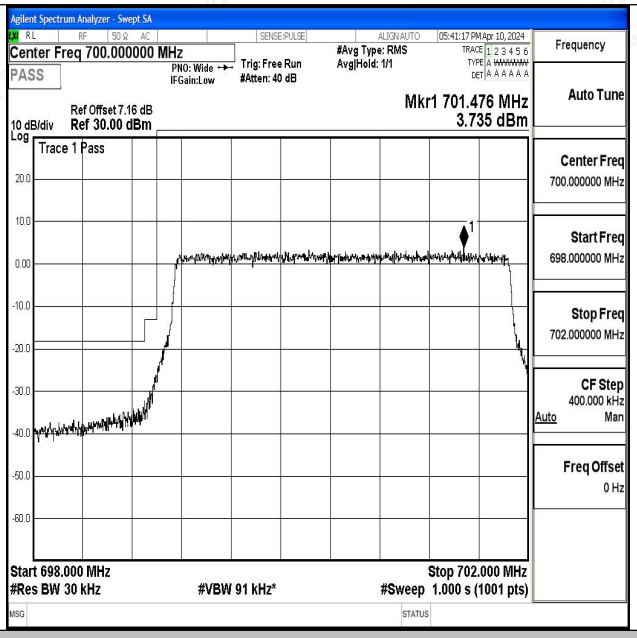
Band12_1.4MHz_QPSK_23173_6RB#0



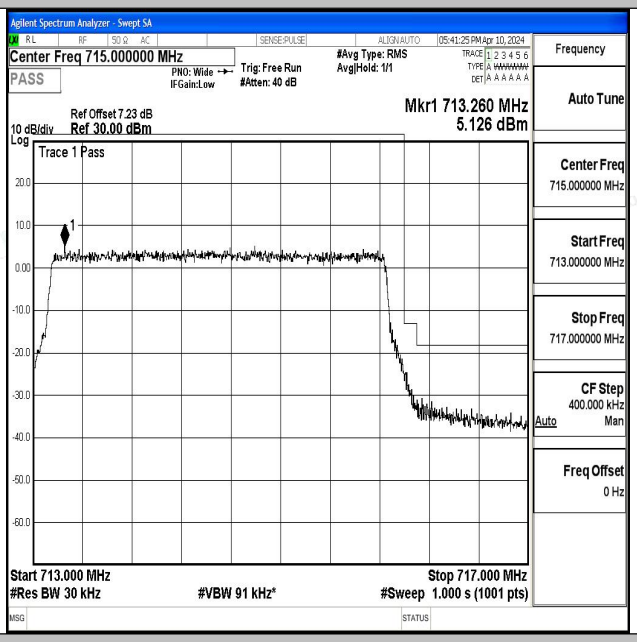
Band12_1.4MHz_16QAM_23173_6RB#0



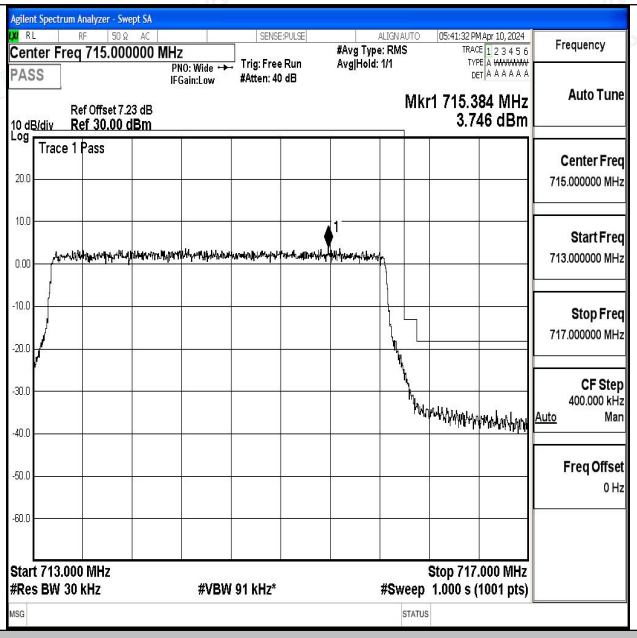
Band12_3MHz_QPSK_23025_15RB#0



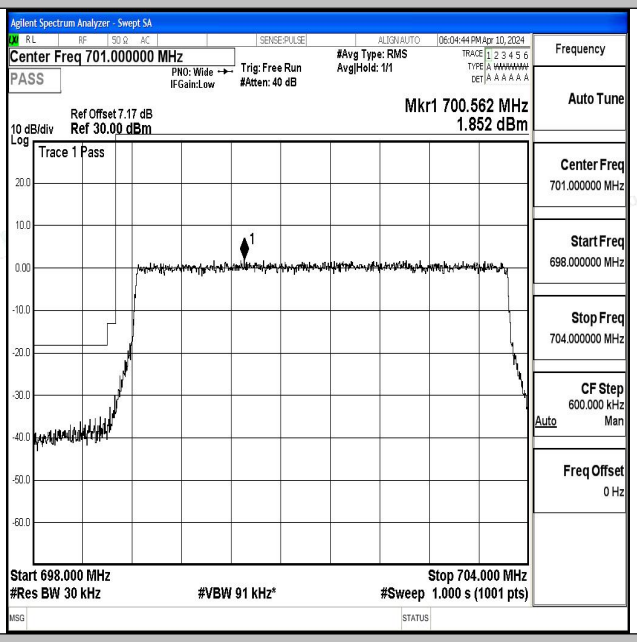
Band12_3MHz_16QAM_23025_15RB#0



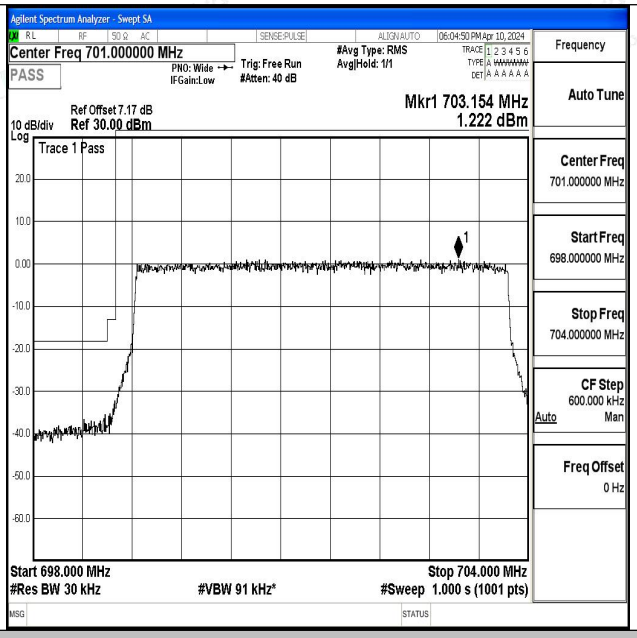
Band12_3MHz_QPSK_23165_15RB#0



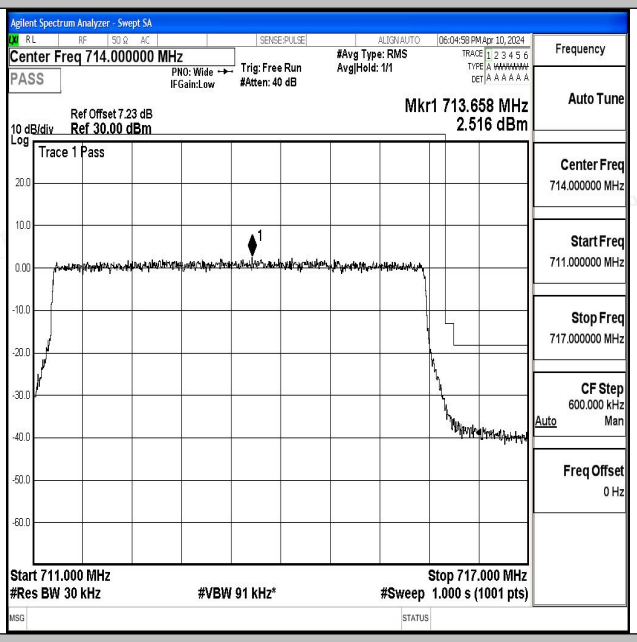
Band12_3MHz_16QAM_23165_15RB#0



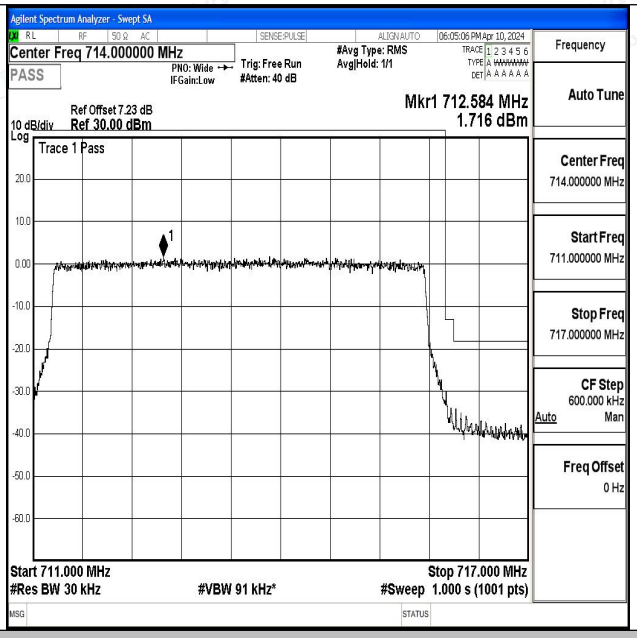
Band12_5MHz_QPSK_23035_25RB#0



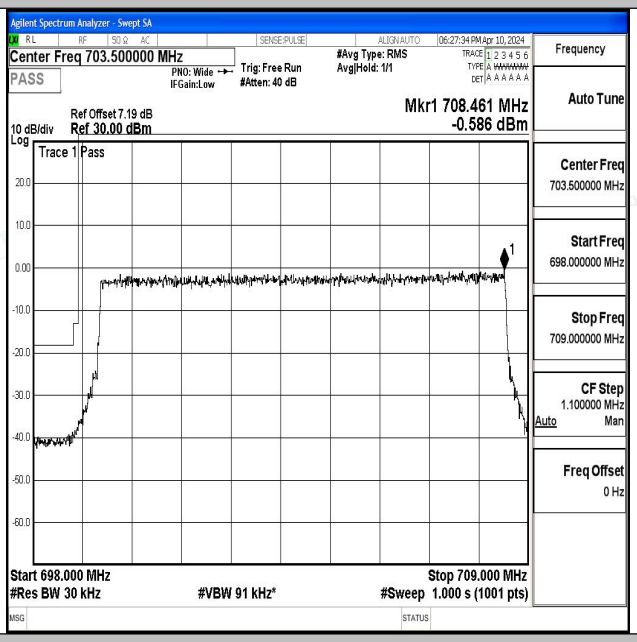
Band12_5MHz_16QAM_23035_25RB#0



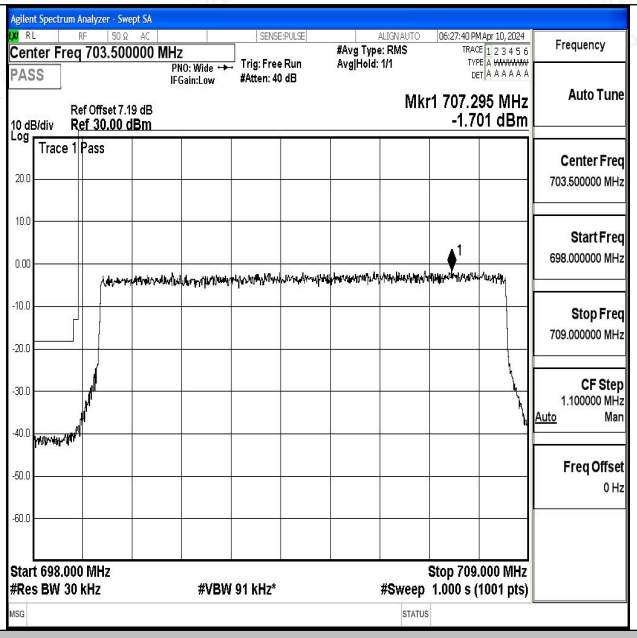
Band12_5MHz_QPSK_23155_25RB#0



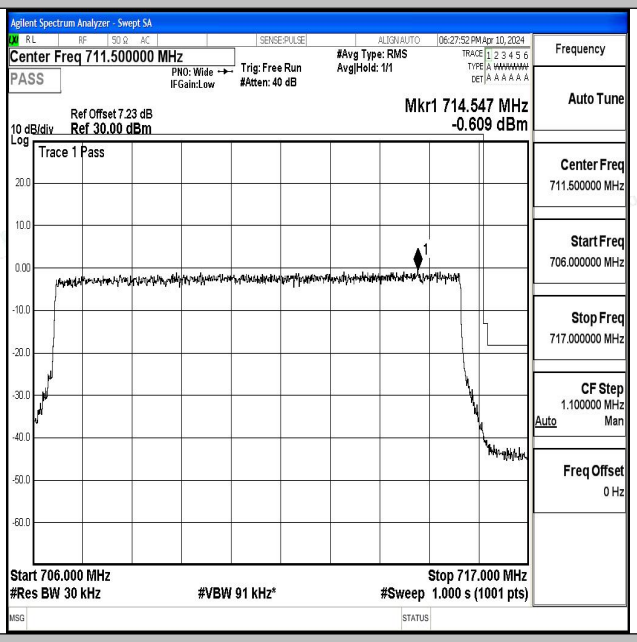
Band12_5MHz_16QAM_23155_25RB#0



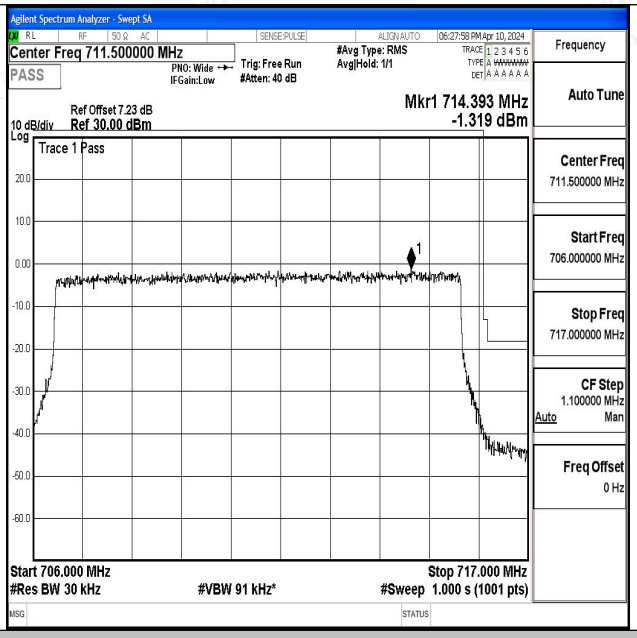
Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Band12_10MHz_16QAM_23130_50RB#0

I.5 Conducted Spurious Emission

Test Result

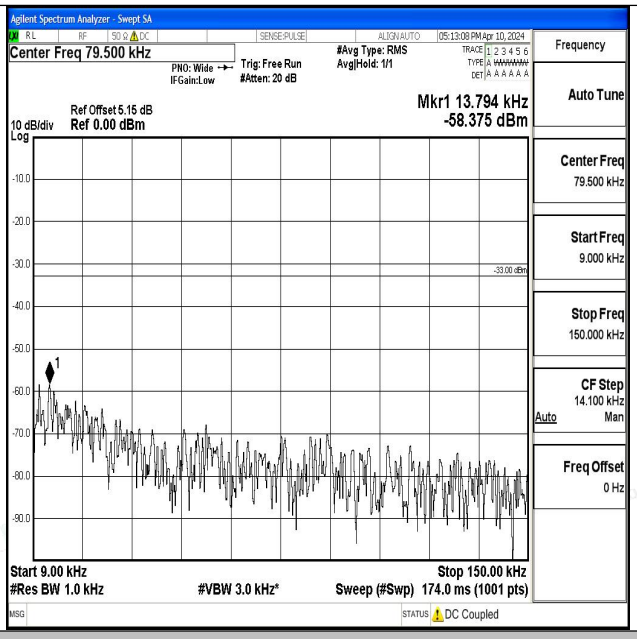
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-58.38	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-53.72	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-44.69	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-38.67	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.38	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-53.19	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-52.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-43.28	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-37.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-43.90	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-56.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-51.09	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-46.84	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-37.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-58.89	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-52.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-43.29	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-35.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.01	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-57.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-50.83	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-47.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-39.31	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-44.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.40	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-52.11	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-44.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-38.95	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.21	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-59.26	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-54.08	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-49.48	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-39.32	PASS

Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-43.82	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-59.11	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-50.68	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-48.25	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-38.62	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-43.99	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-57.14	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-53.02	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-49.14	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-38.57	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.07	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-58.91	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-52.42	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-49.48	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-39.23	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.04	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-56.55	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-50.35	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-52.12	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-38.42	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.10	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-58.76	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.83	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-52.09	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-38.28	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-43.49	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-56.83	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-51.55	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-59.37	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-39.14	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.28	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-59.26	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-53.00	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-59.08	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-39.94	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.02	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-55.58	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-52.06	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-60.65	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-38.85	PASS

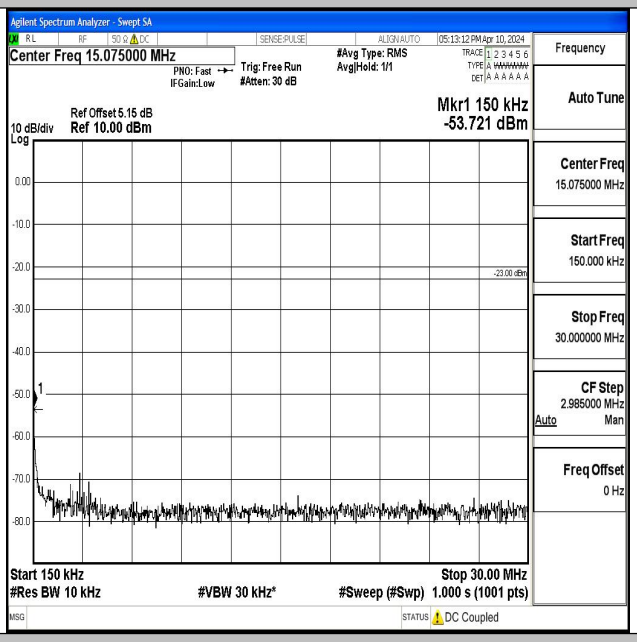
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-43.87	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-58.05	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-51.50	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-60.13	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-39.36	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-43.95	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.81	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-51.30	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-59.30	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-37.72	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-43.76	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-56.66	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-52.41	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-59.46	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-39.03	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-56.83	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-51.66	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.19	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-38.98	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-43.95	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-59.27	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-53.84	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.25	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-39.89	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.10	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-57.78	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-51.61	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.04	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-41.25	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.31	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-59.09	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-53.58	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-61.85	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-41.04	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-43.95	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-57.35	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-52.46	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-62.12	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-38.35	PASS

Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.00	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-59.49	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-51.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-61.95	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-37.49	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.06	PASS

Test Graphs



Band12_1.4MHz_QPSK_23017_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23017_1RB#0_0.15~30_0.15~30