

AppendixA: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.98	23.98	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.04	24.04	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.94	23.94	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.65	23.65	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.73	23.73	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.78	23.78	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.72	22.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.09	24.09	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.00	24.00	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.04	24.04	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.04	24.04	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.88	23.88	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.69	23.69	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.97	22.97	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.58	23.58	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.56	23.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.44	23.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.70	23.70	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.68	23.68	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.48	23.48	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.67	22.67	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.08	23.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.38	23.38	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.20	23.20	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.64	22.64	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.63	22.63	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.32	22.32	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.98	21.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.26	23.26	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.03	23.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.28	23.28	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.08	23.08	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.98	22.98	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.99	22.99	PASS

Band12	1.4MHz	16QAM	23095	6RB#0	20.66	21.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.89	22.89	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.01	23.01	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.04	23.04	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.53	22.53	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.70	22.70	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.43	22.43	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.89	21.89	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.83	23.83	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.85	23.85	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.92	23.92	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.69	22.69	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.59	22.59	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.73	22.73	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.69	22.69	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.91	23.91	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.83	23.83	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.82	23.82	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.03	23.03	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.92	22.92	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.90	22.90	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.79	22.79	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.66	23.66	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.65	23.65	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.47	23.47	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.93	22.93	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.93	22.93	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.70	22.70	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.81	22.81	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.73	22.73	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.89	22.89	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.29	23.29	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.81	21.81	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.81	21.81	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.49	21.49	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.95	21.95	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.15	23.15	PASS

Band12	3MHz	16QAM	23095	1RB#8	21.85	22.85	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.05	23.05	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.95	21.95	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.05	22.05	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.96	21.96	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.88	21.88	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.96	22.96	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.90	22.90	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.88	22.88	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.83	21.83	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.92	21.92	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.70	21.70	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.90	21.90	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.80	23.80	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.79	23.79	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.77	23.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.67	22.67	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.67	22.67	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.89	22.89	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.71	22.71	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.01	24.01	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.69	23.69	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.67	23.67	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.92	22.92	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.93	22.93	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.58	22.58	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.74	22.74	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.78	23.78	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.93	23.93	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.67	23.67	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.60	22.60	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.66	22.66	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.63	22.63	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.57	22.57	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.61	22.61	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.73	22.73	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.85	22.85	PASS

Band12	5MHz	16QAM	23035	12RB#0	20.81	21.81	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.71	21.71	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.78	21.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.73	21.73	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.25	23.25	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.06	23.06	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.90	22.90	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.11	22.11	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.13	22.13	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.76	21.76	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.89	21.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.99	22.99	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.08	23.08	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.69	22.69	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.72	21.72	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.53	21.53	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.69	21.69	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.73	21.73	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.35	23.35	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.89	23.89	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.76	23.76	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.81	22.81	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.81	22.81	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.72	22.72	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.87	22.87	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.98	23.98	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.10	24.10	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.88	23.88	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.70	22.70	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.73	22.73	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.60	22.60	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.74	22.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.79	23.79	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.79	23.79	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.46	23.46	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.71	22.71	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.70	22.70	PASS

Band12	10MHz	QPSK	23130	25RB#25	21.64	22.64	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.81	22.81	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.59	22.59	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.41	23.41	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.65	22.65	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.57	21.57	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.86	21.86	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.88	21.88	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.93	22.93	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.61	22.61	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.83	22.83	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.06	22.06	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.08	22.08	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.81	21.81	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.58	22.58	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.36	23.36	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.60	22.60	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.90	21.90	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.88	21.88	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.93	21.93	PASS

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

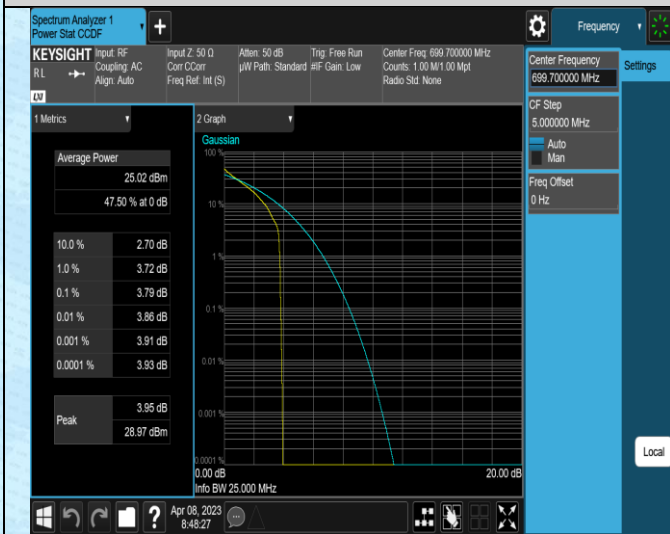
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.79	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.54	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.80	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.48	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.29	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.66	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.72	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.32	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.66	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.31	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.04	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.46	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.57	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.06	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.45	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.21	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.46	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.66	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.35	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.96	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.31	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.03	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.35	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.56	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.49	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.89	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.32	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.20	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.50	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.85	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.38	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.75	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.05	13	PASS

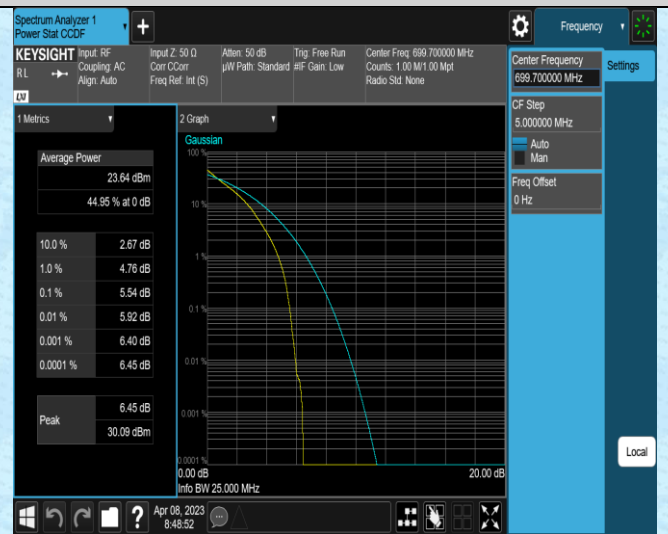
Band12	5MHz	16QAM	23095	25RB#0	5.95	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.27	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.69	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.55	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.75	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.41	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.39	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.49	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.34	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.40	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.39	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.31	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.38	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.52	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.38	13	PASS

Test Graphs

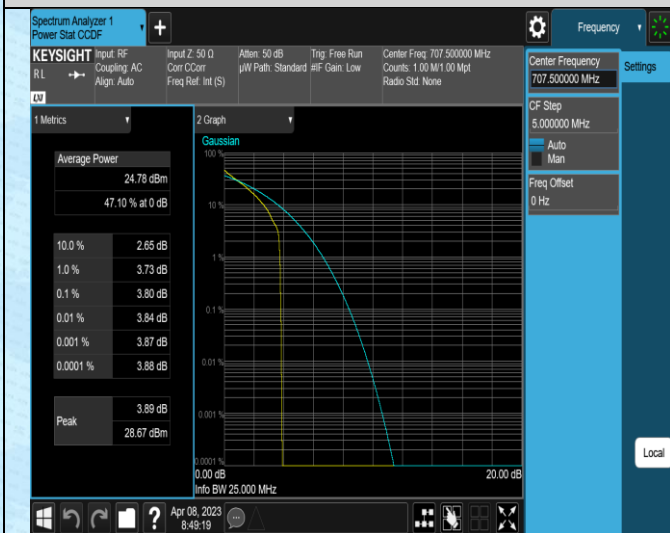
Band12-1.4MHz-QPSK-23017-1RB#0



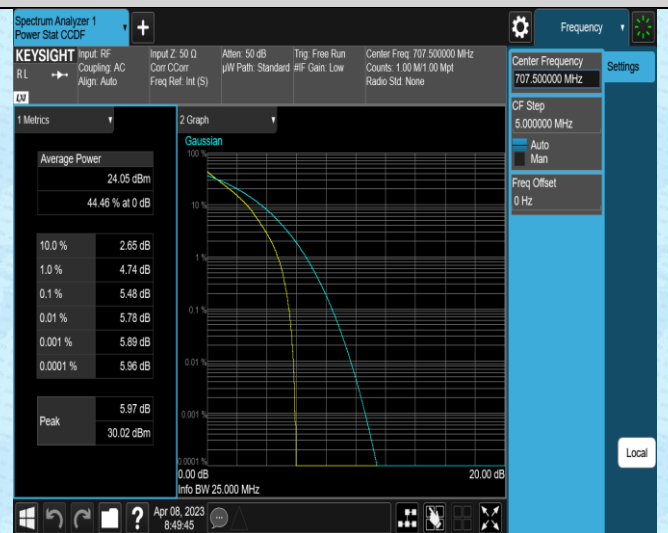
Band12-1.4MHz-QPSK-23017-6RB#0



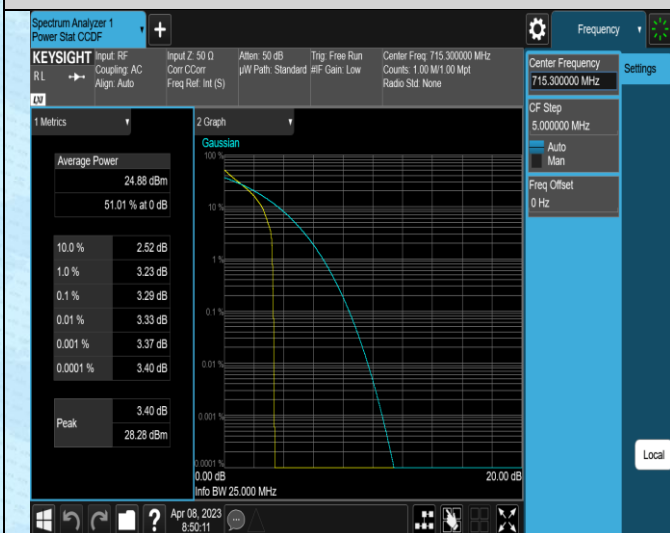
Band12-1.4MHz-QPSK-23095-1RB#0



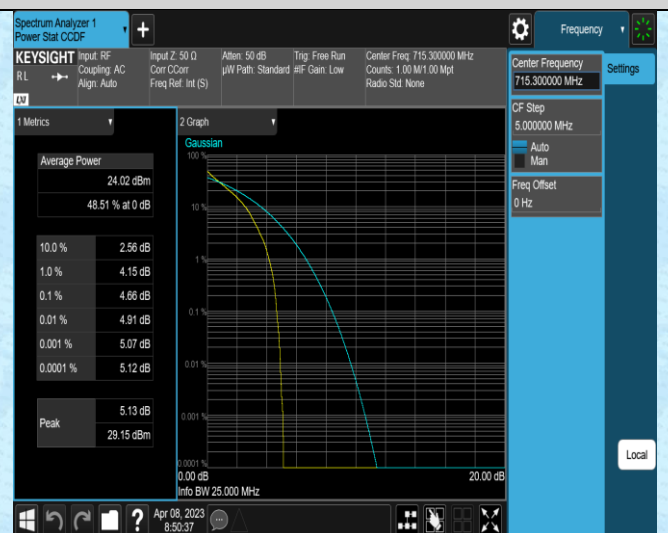
Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0

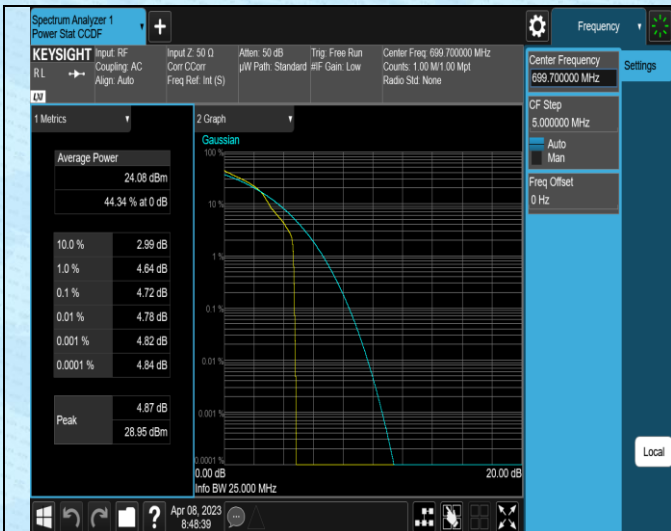


Band12-1.4MHz-QPSK-23173-6RB#0

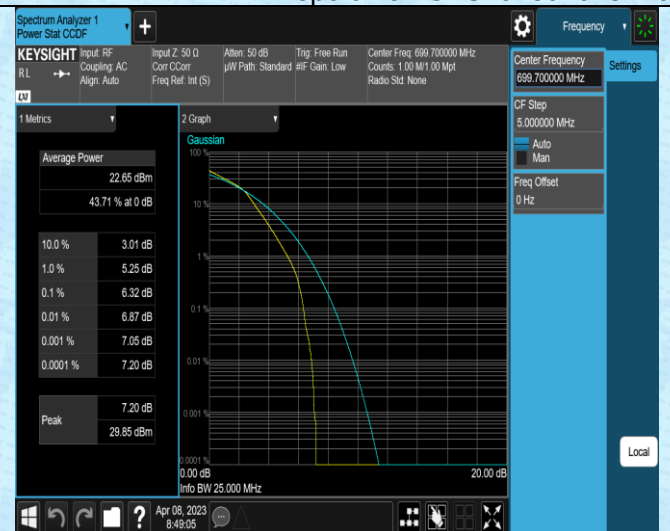


Band12-1.4MHz-16QAM-23017-1RB#0

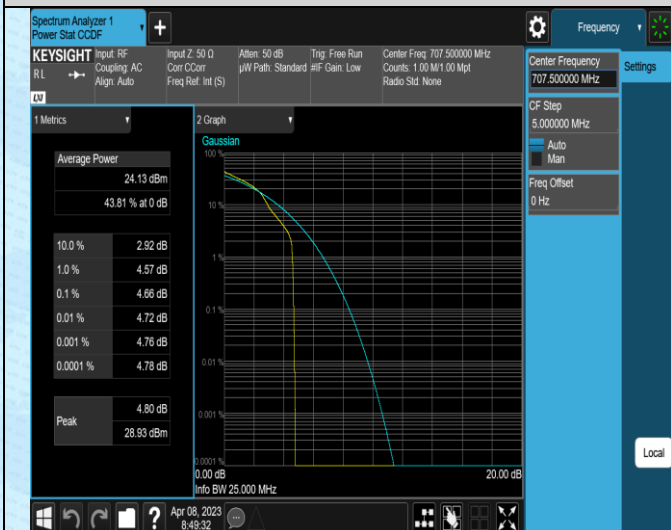
Band12-1.4MHz-16QAM-23017-6RB#0



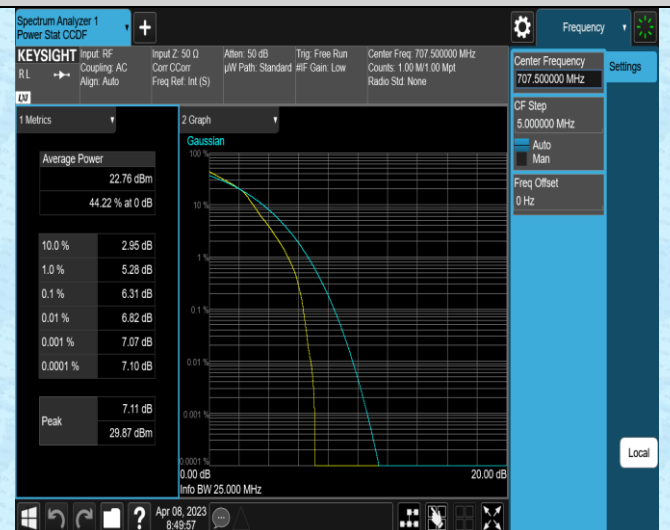
Band12-1.4MHz-16QAM-23095-1RB#0



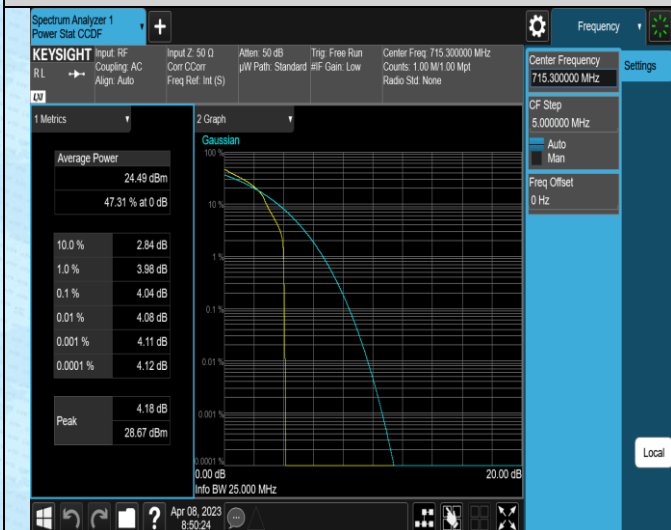
Band12-1.4MHz-16QAM-23095-6RB#0



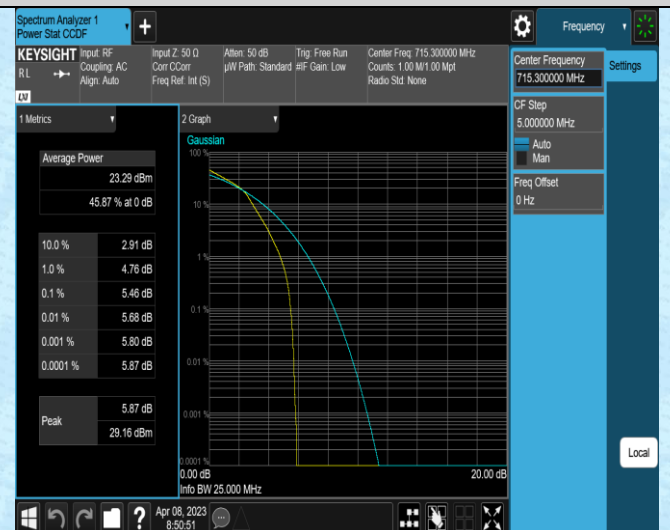
Band12-1.4MHz-16QAM-23173-1RB#0



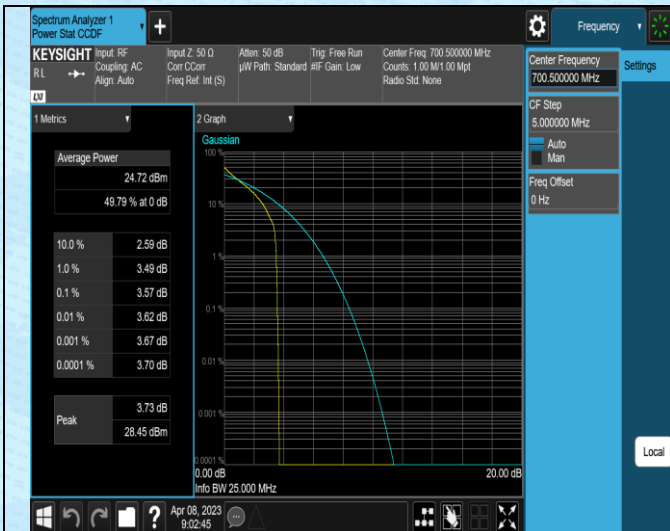
Band12-1.4MHz-16QAM-23173-6RB#0



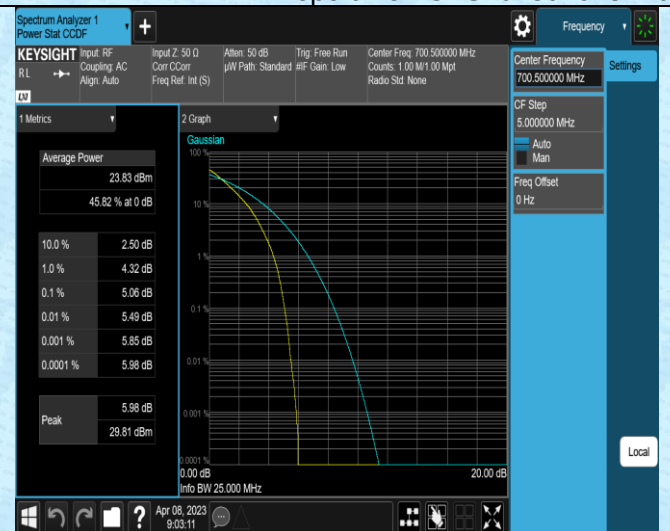
Band12-3MHz-QPSK-23025-1RB#0



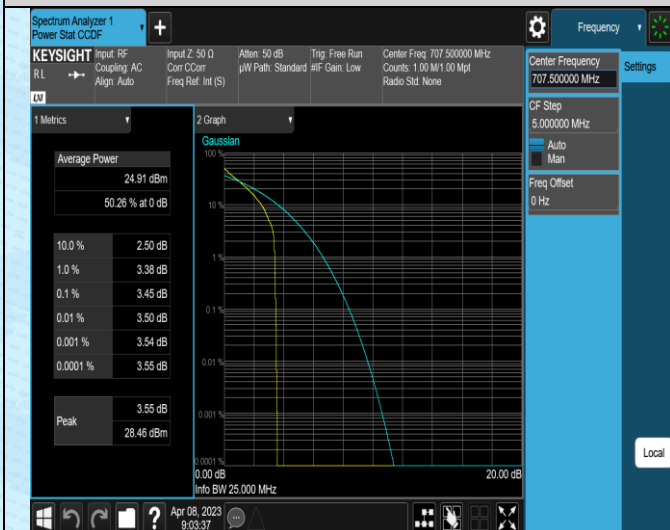
Band12-3MHz-QPSK-23025-15RB#0



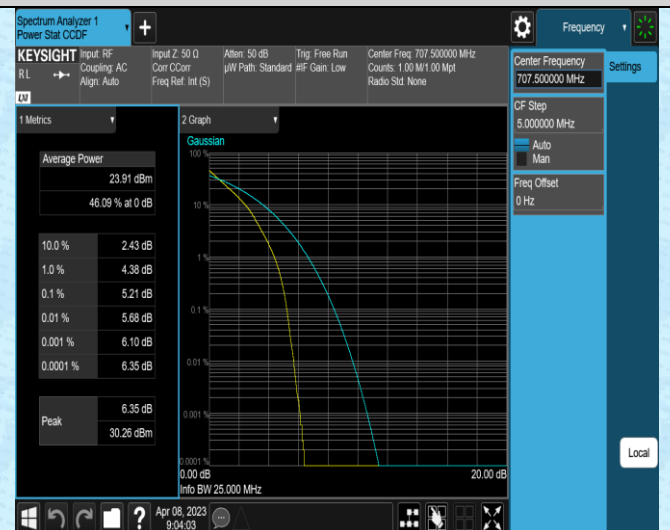
Band12-3MHz-QPSK-23095-1RB#0



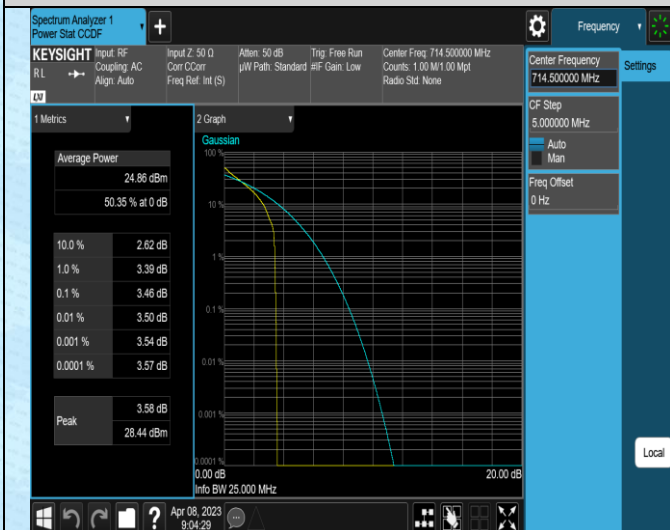
Band12-3MHz-QPSK-23095-15RB#0



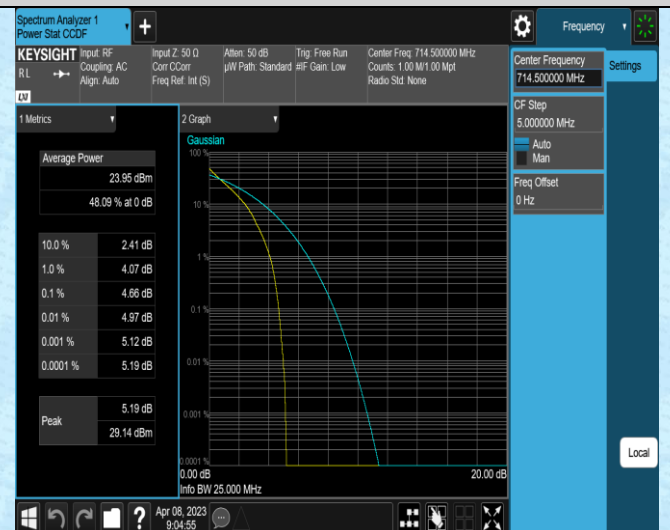
Band12-3MHz-QPSK-23165-1RB#0



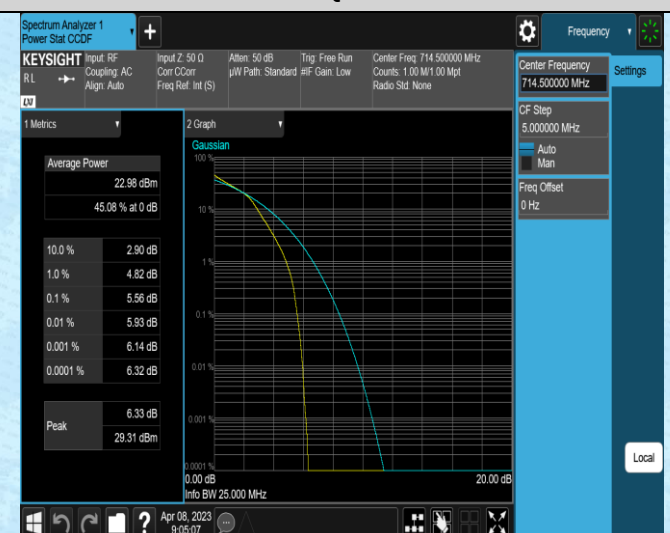
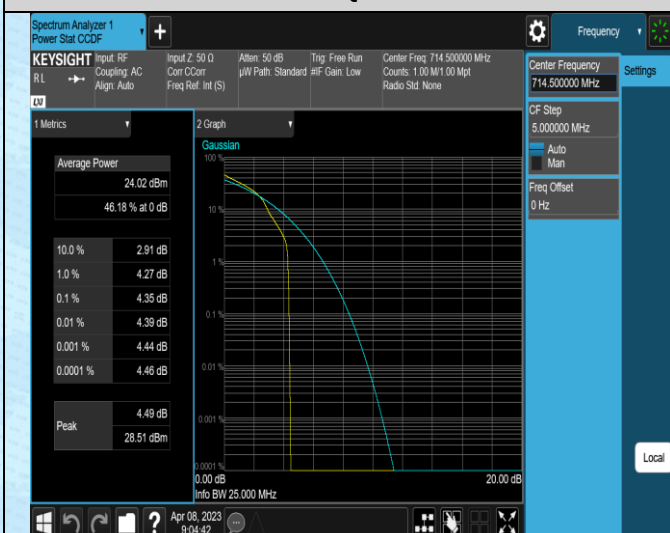
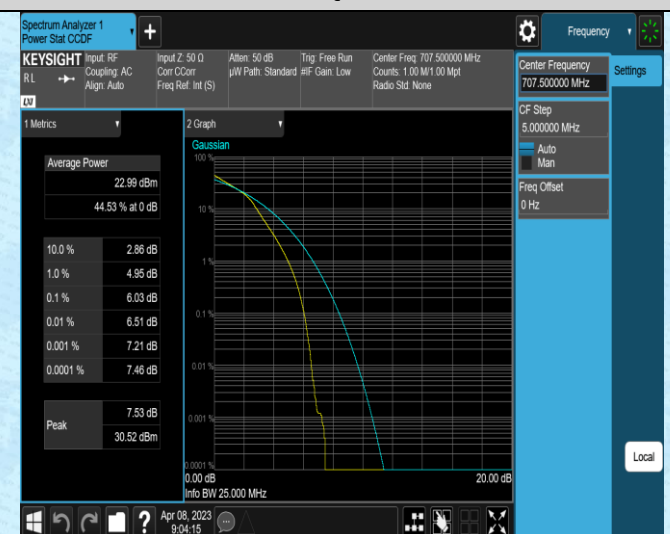
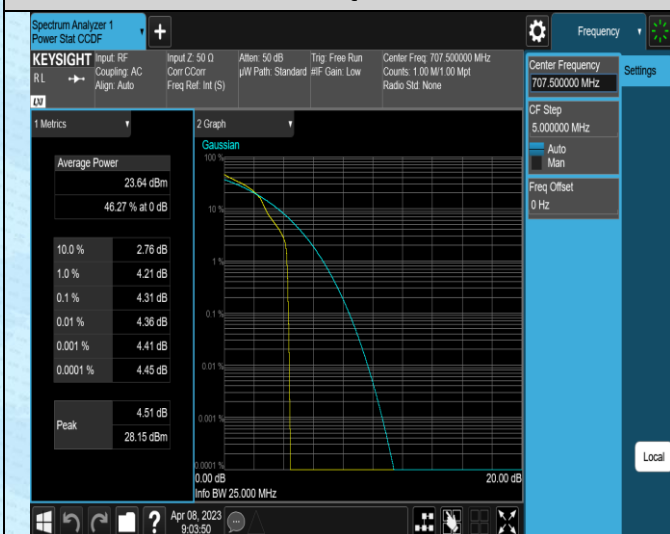
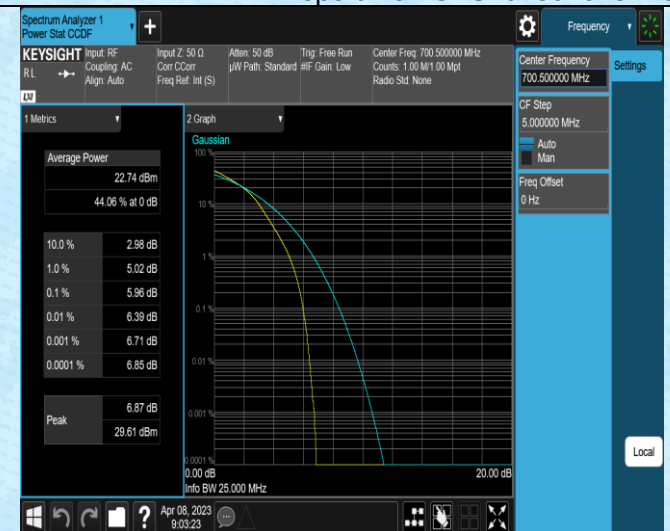
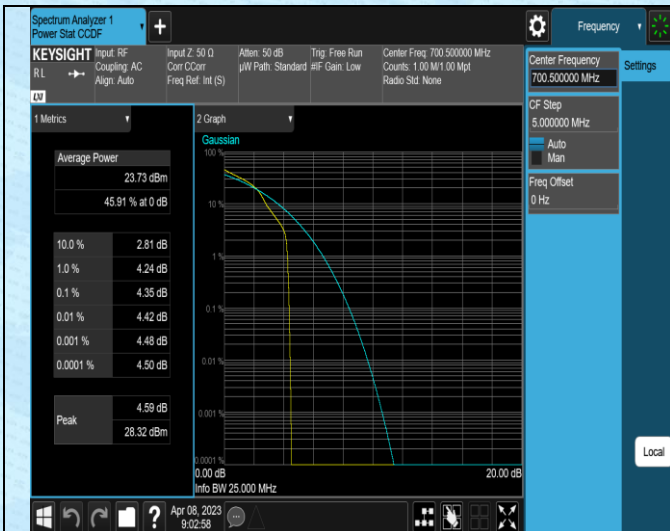
Band12-3MHz-QPSK-23165-15RB#0

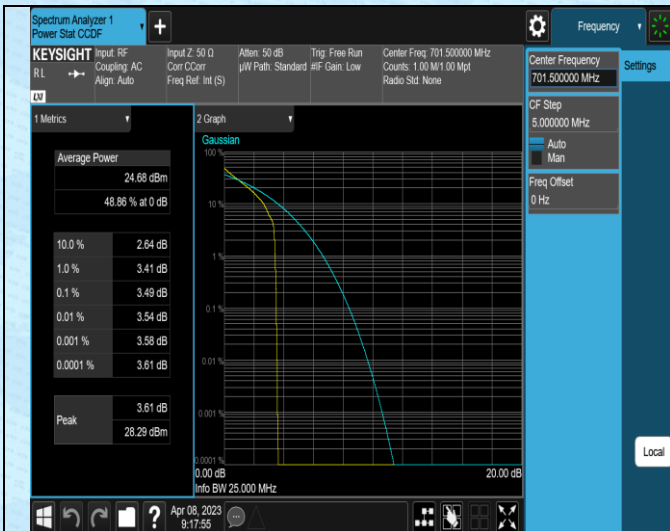


Band12-3MHz-16QAM-23025-1RB#0

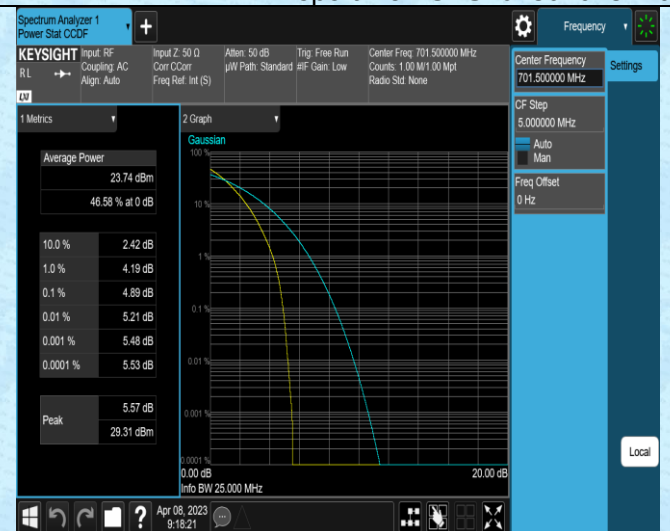


Band12-3MHz-16QAM-23025-15RB#0

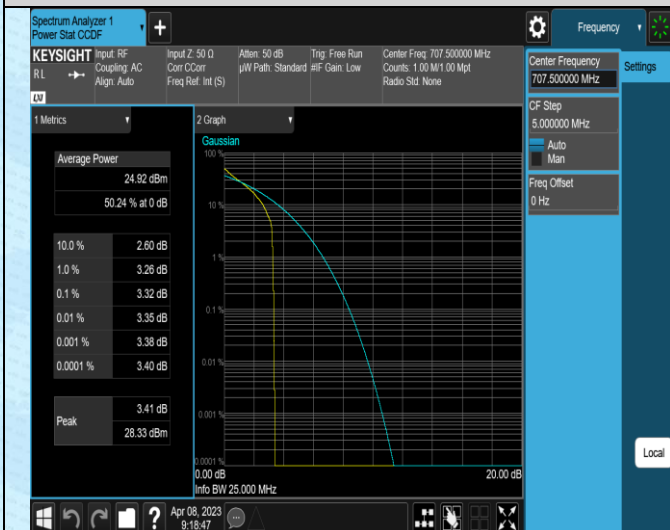




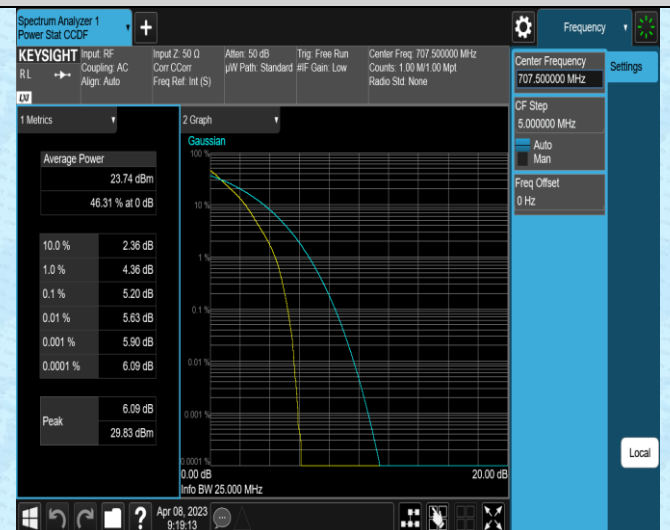
Band12-5MHz-QPSK-23095-1RB#0



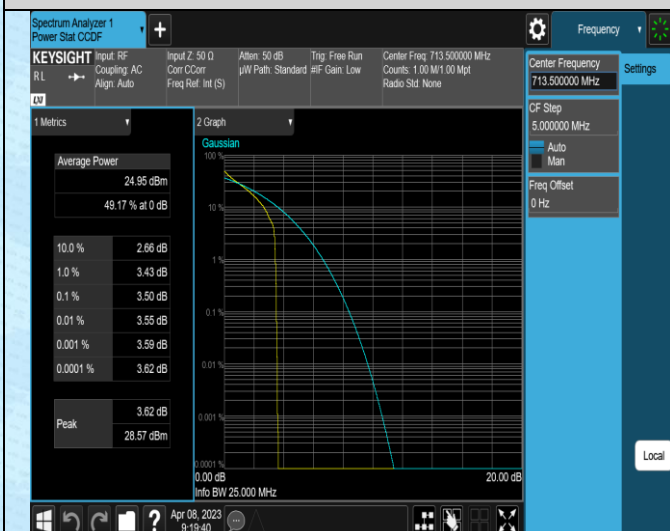
Band12-5MHz-QPSK-23095-25RB#0



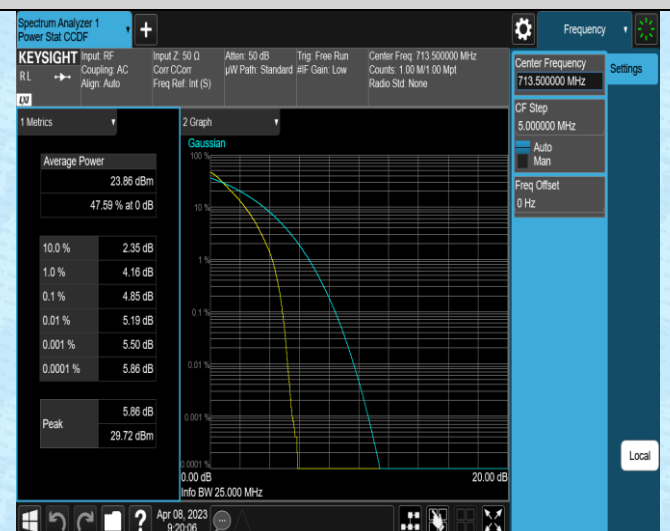
Band12-5MHz-QPSK-23155-1RB#0



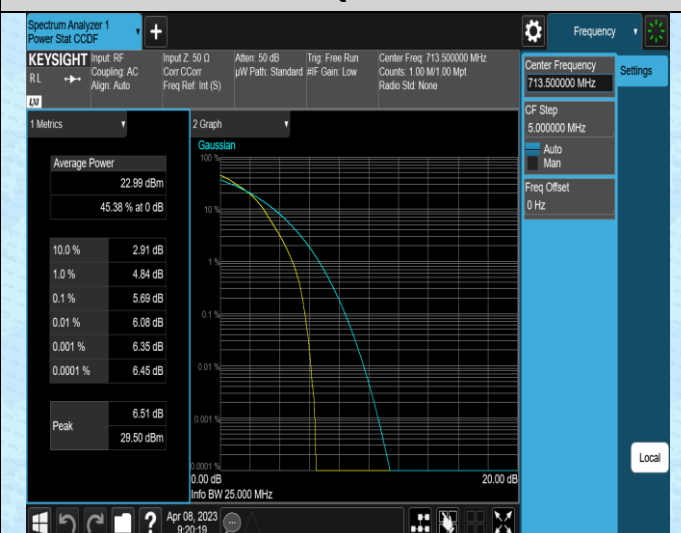
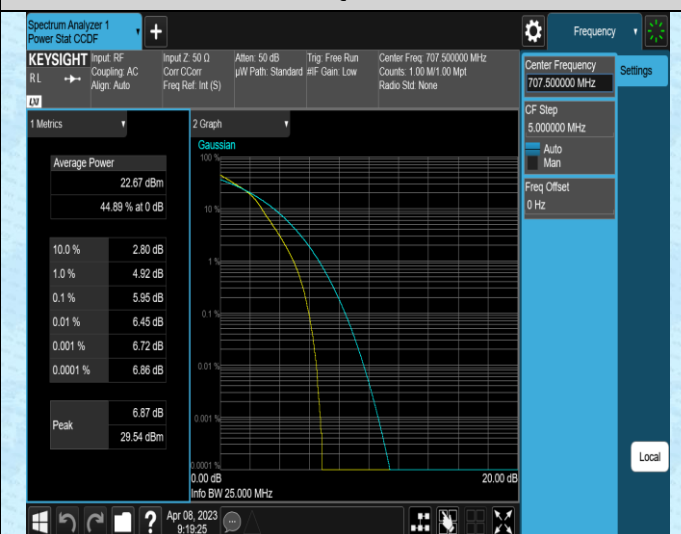
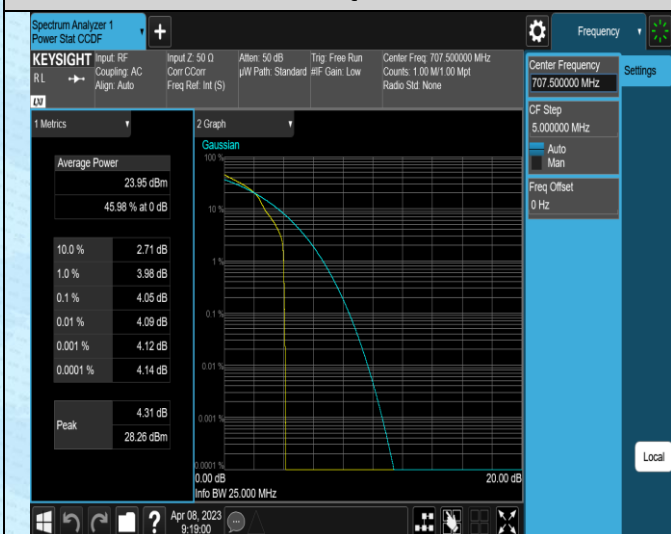
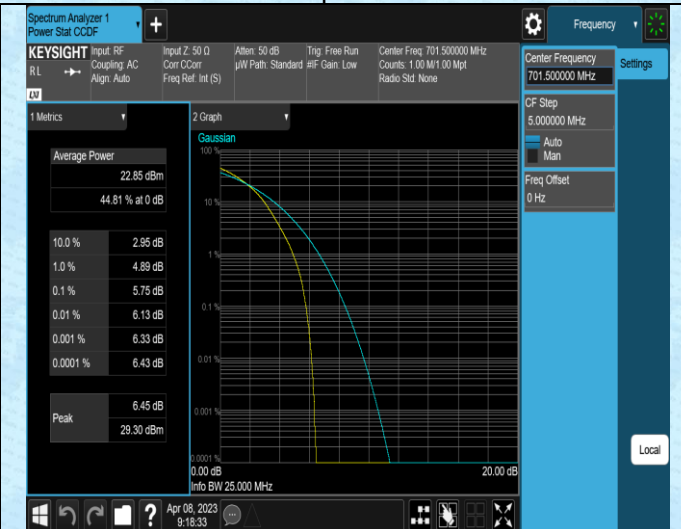
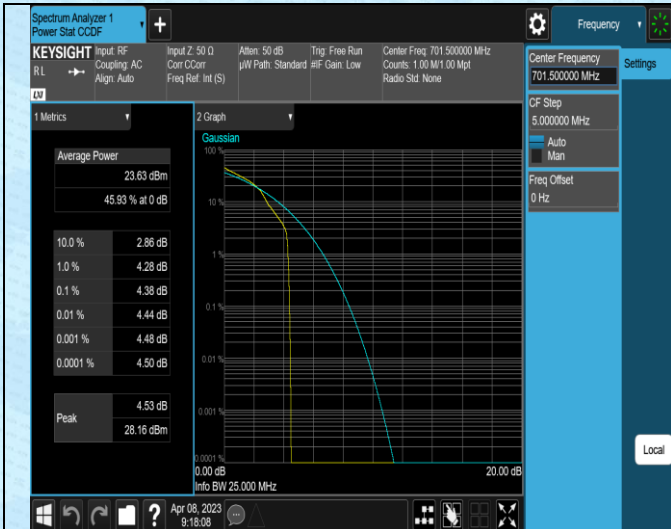
Band12-5MHz-QPSK-23155-25RB#0

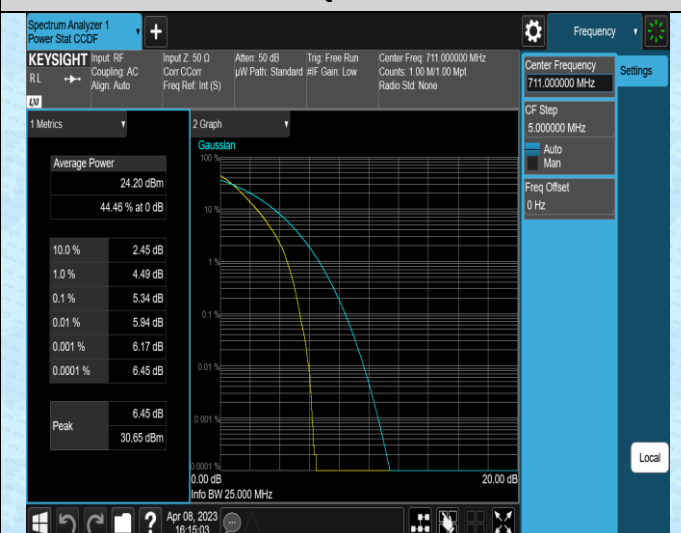
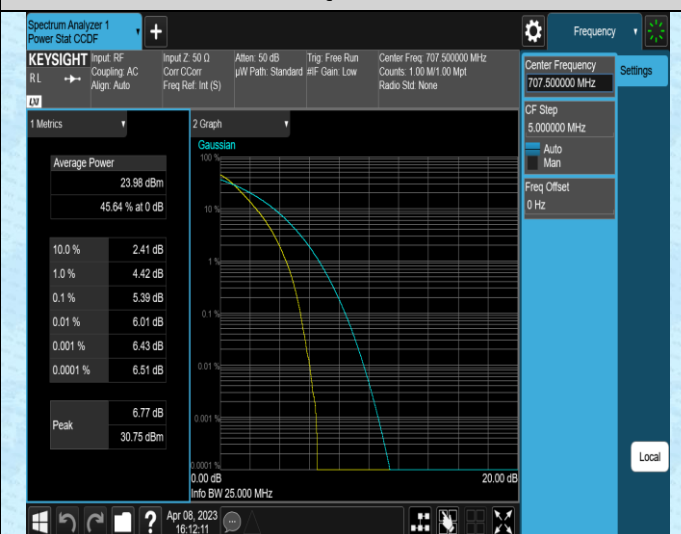
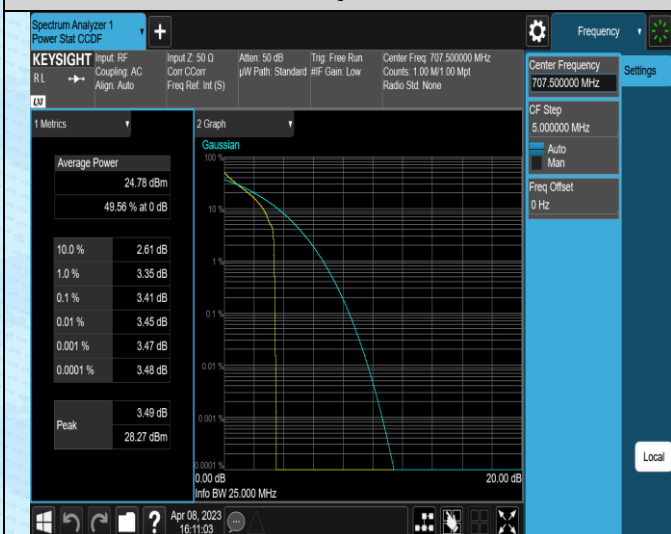
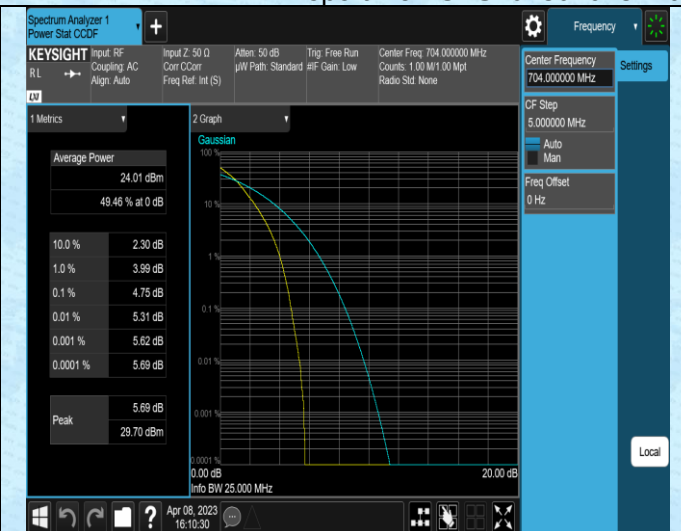
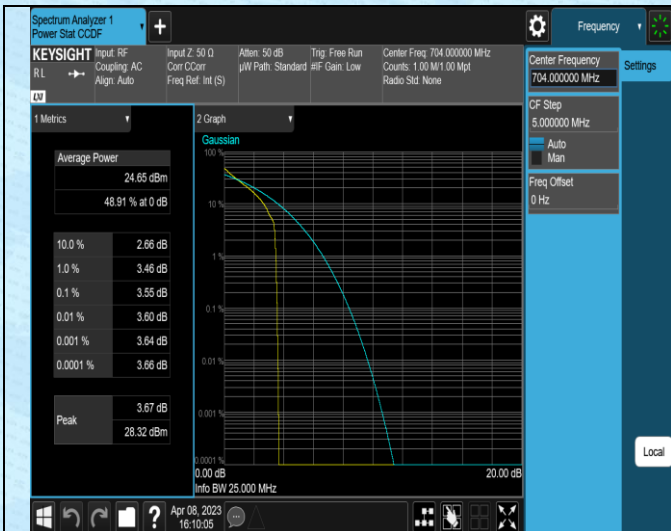


Band12-5MHz-16QAM-23035-1RB#0



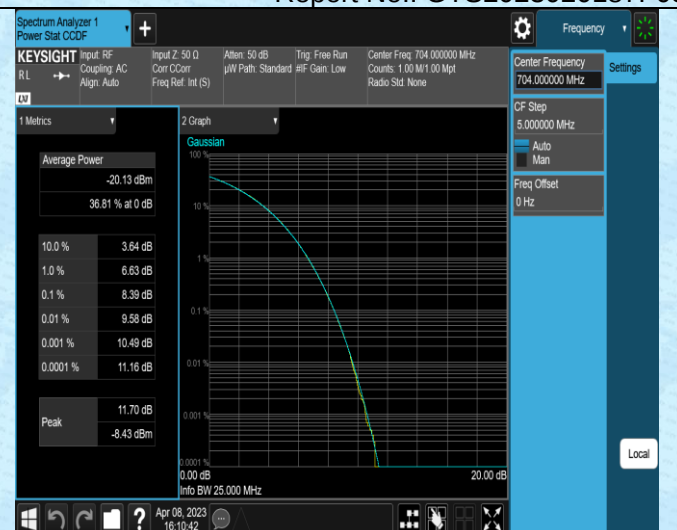
Band12-5MHz-16QAM-23035-25RB#0







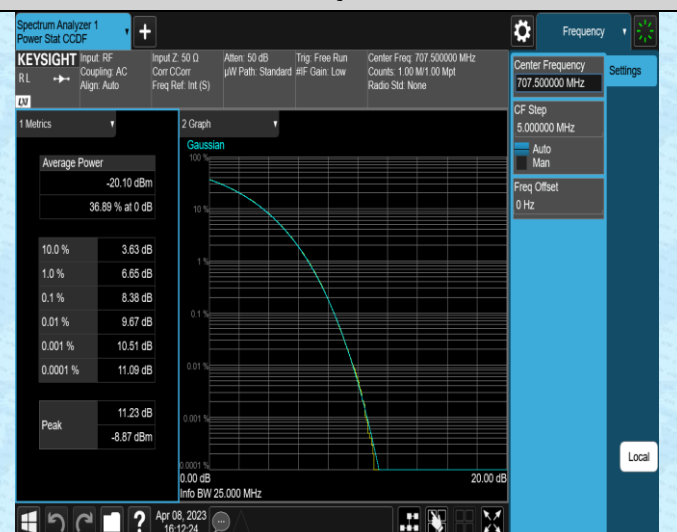
Band12-10MHz-16QAM-23095-1RB#0



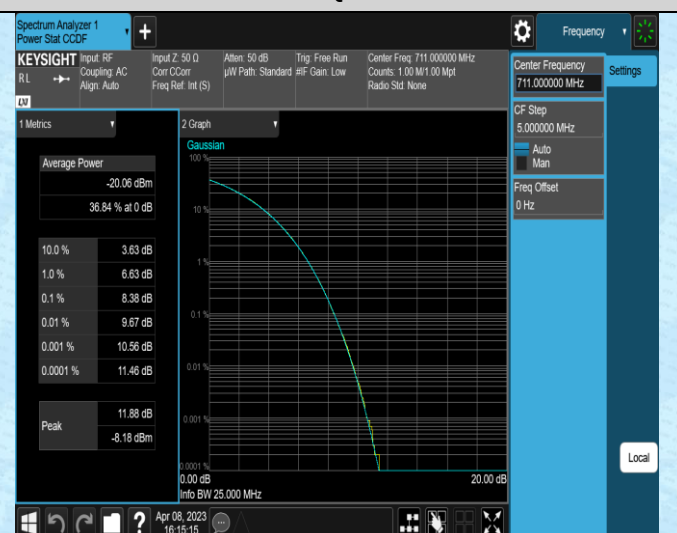
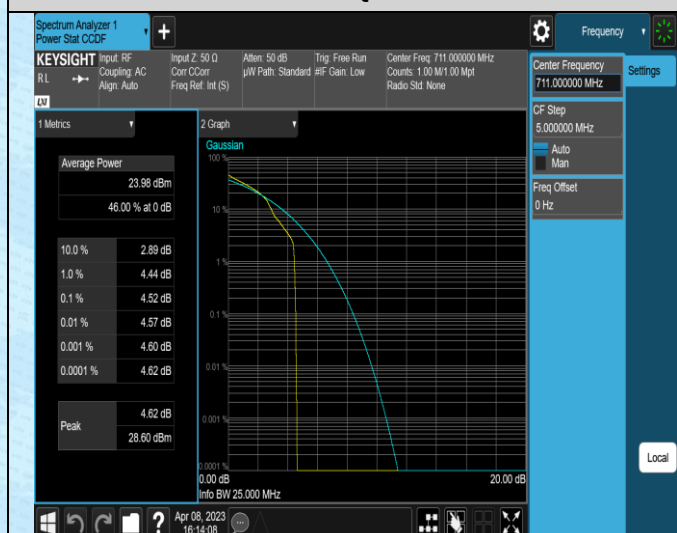
Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



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



Appendix C:26dB Bandwidth andOccupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0925	1.268	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0938	1.260	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0906	1.257	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0914	1.270	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0920	1.266	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0898	1.226	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6919	2.911	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6990	2.921	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6913	2.904	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6887	2.915	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6934	2.916	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6944	2.905	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4875	4.866	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5009	4.863	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4935	4.823	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4882	4.826	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5015	4.892	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4955	4.829	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.8820	9.465	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9971	9.542	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9790	9.535	PASS
Band12	10MHz	16QAM	23060	27RB#0	4.8946	5.394	PASS
Band12	10MHz	16QAM	23060	27RB#23	4.9126	5.388	PASS
Band12	10MHz	16QAM	23095	27RB#0	4.9234	5.378	PASS
Band12	10MHz	16QAM	23095	27RB#23	4.9541	5.472	PASS
Band12	10MHz	16QAM	23130	27RB#0	4.9505	5.444	PASS
Band12	10MHz	16QAM	23130	27RB#23	4.9180	5.399	PASS

Test Graphs

