Test Date of LTE_B12

EUT Description:Tablet
Model No.: C1

Temperature:	23.5℃
Relative Humidity:	56%
ATM Pressure:	101.0 kPa
Test Engineer:	Wayne.Lin
Reviewed By:	Pencils.chen

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Anenna Gain	ERP/EIRP(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.27	1.12	23.39	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.31	1.12	23.43	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.31	1.12	23.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.36	1.12	23.48	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.31	1.12	23.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.39	1.12	23.51	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.03	1.12	22.15	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.27	1.12	23.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.34	1.12	23.46	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.35	1.12	23.47	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.21	1.12	23.33	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.19	1.12	23.31	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.22	1.12	23.34	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.62	1.12	22.74	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.29	1.12	23.41	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.35	1.12	23.47	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.32	1.12	23.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.25	1.12	23.37	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.21	1.12	23.33	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.21	1.12	23.33	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.20	1.12	22.32	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.81	1.12	22.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.82	1.12	22.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.93	1.12	23.05	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	20.68	1.12	21.8	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	20.67	1.12	21.79	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	20.68	1.12	21.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.31	1.12	21.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.54	1.12	22.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.03	1.12	23.15	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.04	1.12	23.16	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	21.47	1.12	22.59	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.46	1.12	22.58	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.46	1.12	22.58	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.74	1.12	21.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.97	1.12	23.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.77	1.12	22.89	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.89	1.12	23.01	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.03	1.12	22.15	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.03	1.12	22.15	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.93	1.12	22.05	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.76	1.12	21.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.18	1.12	23.3	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.27	1.12	23.39	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.22	1.12	23.34	PASS
Band12	3MHz	QPSK	23025	8RB#0	20.99	1.12	22.11	PASS
Band12	3MHz	QPSK	23025	8RB#4	20.98	1.12	22.1	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.12	1.12	22.24	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.08	1.12	22.2	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.38	1.12	23.5	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.13	1.12	23.25	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.19	1.12	23.31	PASS
Band12	3MHz	QPSK	23095	8RB#0	20.93	1.12	22.05	PASS
Band12	3MHz	QPSK	23095	8RB#4	20.86	1.12	21.98	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.68	1.12	22.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.69	1.12	22.81	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.20	1.12	23.32	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.27	1.12	23.39	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.37	1.12	23.49	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.45	1.12	22.57	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.39	1.12	22.51	PASS
Band12	3MHz	QPSK	23165	8RB#7	20.98	1.12	22.1	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.33	1.12	22.45	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.16	1.12	22.28	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.11	1.12	22.23	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.13	1.12	22.25	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.11	1.12	21.23	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.53	1.12	21.65	PASS

Band12	3MHz	16QAM	23025	8RB#7	20.24	1.12	21.36	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.18	1.12	21.3	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.38	1.12	22.5	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.81	1.12	22.93	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.83	1.12	22.95	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.69	1.12	21.81	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.68	1.12	21.8	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.72	1.12	21.84	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.41	1.12	21.53	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.00	1.12	23.12	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.10	1.12	23.22	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.95	1.12	23.07	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.31	1.12	21.43	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.31	1.12	21.43	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.76	1.12	21.88	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.29	1.12	21.41	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.08	1.12	23.2	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.20	1.12	23.32	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.11	1.12	23.23	PASS
Band12	5MHz	QPSK	23035	12RB#0	20.92	1.12	22.04	PASS
Band12	5MHz	QPSK	23035	12RB#6	20.91	1.12	22.03	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.09	1.12	22.21	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.05	1.12	22.17	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.15	1.12	23.27	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.09	1.12	23.21	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.59	1.12	23.71	PASS
Band12	5MHz	QPSK	23095	12RB#0	20.92	1.12	22.04	PASS
Band12	5MHz	QPSK	23095	12RB#6	20.97	1.12	22.09	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.66	1.12	22.78	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.60	1.12	22.72	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.27	1.12	23.39	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.35	1.12	23.47	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.35	1.12	23.47	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.38	1.12	22.5	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.40	1.12	22.52	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.32	1.12	22.44	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.34	1.12	22.46	PASS

Band12	5MHz	16QAM	23035	1RB#0	20.84	1.12	21.96	PASS
Band12	5MHz	16QAM	23035	1RB#12	20.82	1.12	21.94	PASS
Band12	5MHz	16QAM	23035	1RB#24	20.83	1.12	21.95	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.11	1.12	21.23	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.08	1.12	21.2	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.06	1.12	21.18	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.20	1.12	21.32	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.74	1.12	22.86	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.26	1.12	23.38	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.35	1.12	23.47	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.63	1.12	21.75	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.69	1.12	21.81	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.57	1.12	21.69	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.64	1.12	21.76	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.49	1.12	22.61	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.45	1.12	22.57	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.32	1.12	22.44	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.50	1.12	21.62	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.47	1.12	21.59	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.13	1.12	21.25	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.26	1.12	21.38	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.12	1.12	23.24	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.16	1.12	23.28	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.22	1.12	23.34	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.07	1.12	22.19	PASS
Band12	10MHz	QPSK	23060	25RB#12	20.98	1.12	22.1	PASS
Band12	10MHz	QPSK	23060	25RB#25	20.99	1.12	22.11	PASS
Band12	10MHz	QPSK	23060	50RB#0	20.86	1.12	21.98	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.18	1.12	23.3	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.12	1.12	23.24	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.20	1.12	23.32	PASS
Band12	10MHz	QPSK	23095	25RB#0	20.86	1.12	21.98	PASS
Band12	10MHz	QPSK	23095	25RB#12	20.89	1.12	22.01	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.67	1.12	22.79	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.65	1.12	22.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.23	1.12	23.35	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.71	1.12	23.83	PASS

Band12	10MHz	QPSK	23130	1RB#49	22.42	1.12	23.54	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.67	1.12	22.79	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.62	1.12	22.74	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.41	1.12	22.53	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.75	1.12	22.87	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.27	1.12	22.39	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.35	1.12	22.47	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.98	1.12	23.1	PASS
Band12	10MHz	16QAM	23060	25RB#0	19.97	1.12	21.09	PASS
Band12	10MHz	16QAM	23060	25RB#12	19.98	1.12	21.1	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.66	1.12	21.78	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.26	1.12	21.38	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.24	1.12	22.36	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.88	1.12	23	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.54	1.12	22.66	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.74	1.12	21.86	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.75	1.12	21.87	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.82	1.12	21.94	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.71	1.12	21.83	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.04	1.12	23.16	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.56	1.12	23.68	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.19	1.12	23.31	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.55	1.12	21.67	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.59	1.12	21.71	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.32	1.12	21.44	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.70	1.12	21.82	PASS

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

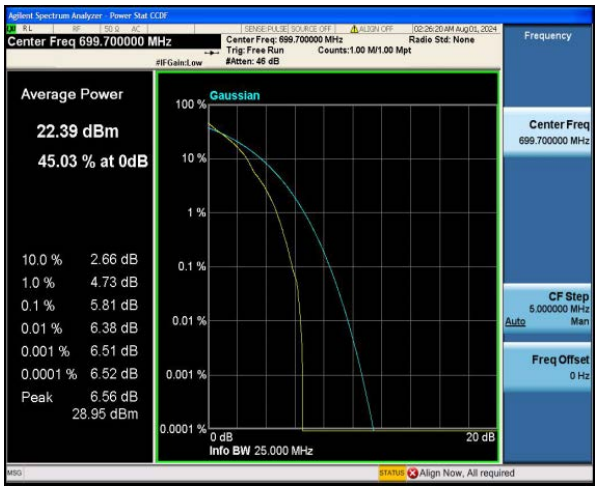
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.81	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.88	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.79	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.91	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.62	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.87	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.61	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.65	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.70	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.92	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.27	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.66	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.86	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	6.01	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.55	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.98	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.66	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.83	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.78	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.74	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.13	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.73	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.14	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.71	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	6.14	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.95	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.81	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.94	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.84	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.94	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.59	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.65	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.47	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.75	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.14	13	PASS

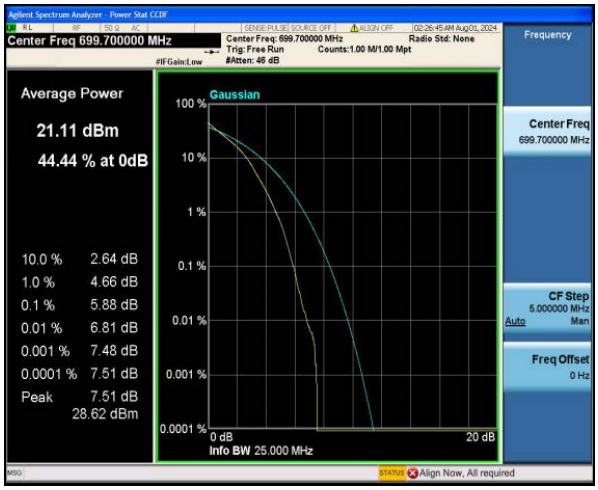
Band12	5MHz	16QAM	23155	25RB#0	6.64	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.80	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	6.02	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.39	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.90	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.71	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.88	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.75	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.68	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.04	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.69	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.44	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.68	13	PASS

Test Graphs

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

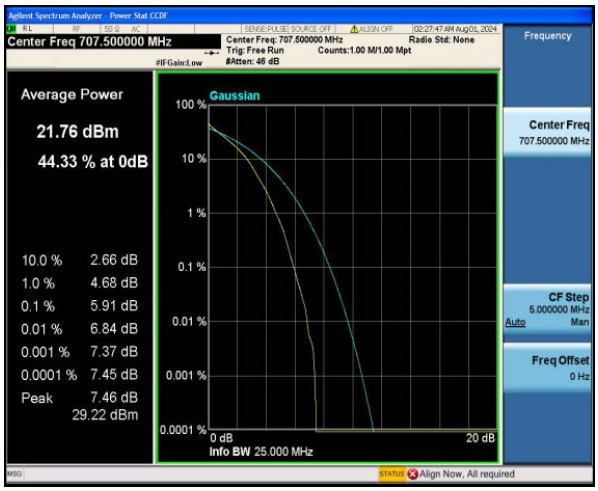


Band12-1.4MHz-QPSK-23017-6RB#0

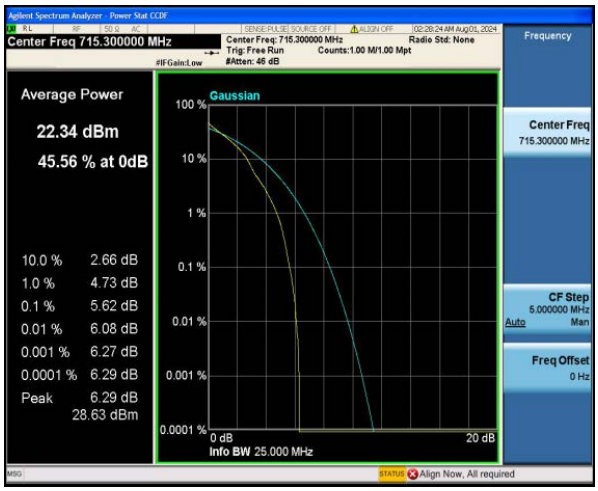


Band12-1.4MHz-QPSK-23095-1RB#0

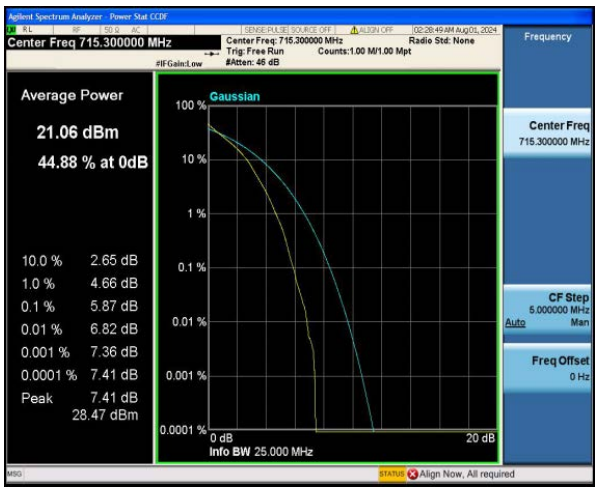
Band12-1.4MHz-QPSK-23095-6RB#0



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

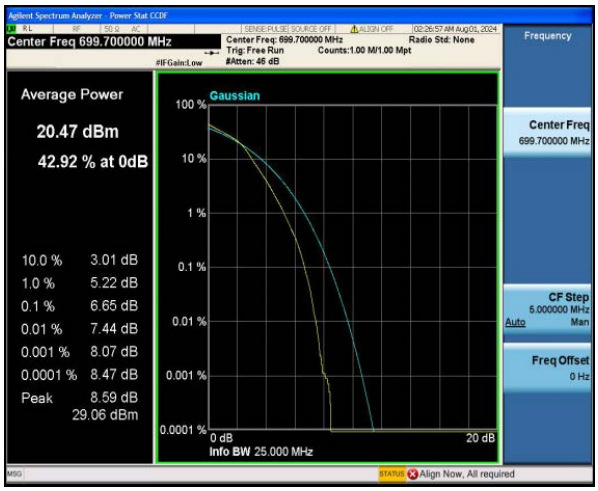


Band12-1.4MHz-QPSK-23173-6RB#0

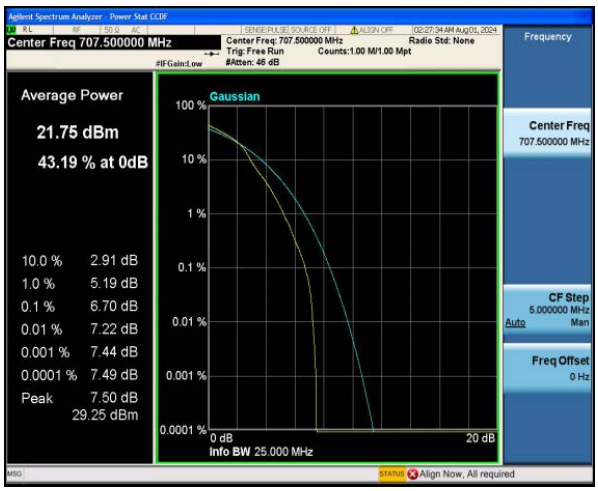


Band12-1.4MHz-16QAM-23017-1RB#0

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



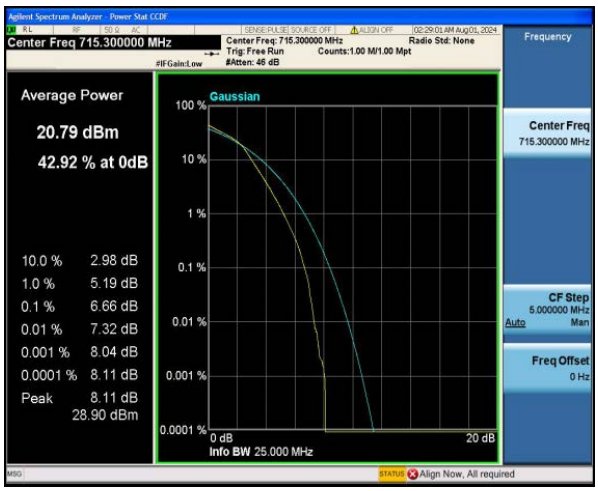
Band12-1.4MHz-16QAM-23095-1RB#0



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

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

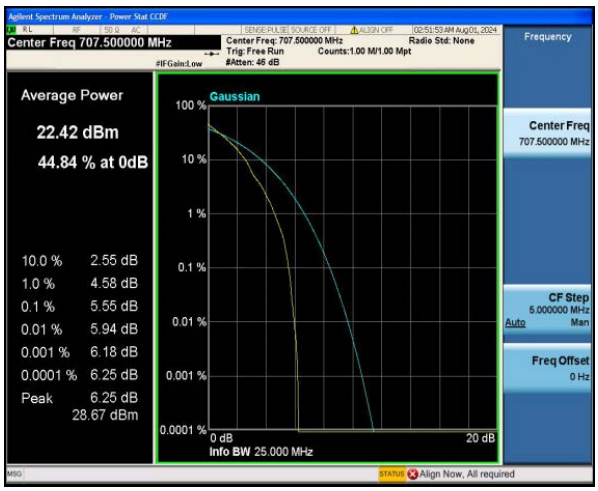
Band12-1.4MHz-16QAM-23173-6RB#0



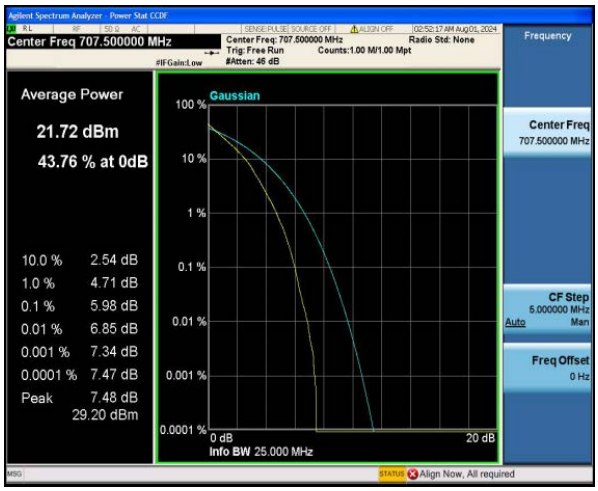
Band12-3MHz-QPSK-23025-1RB#0

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

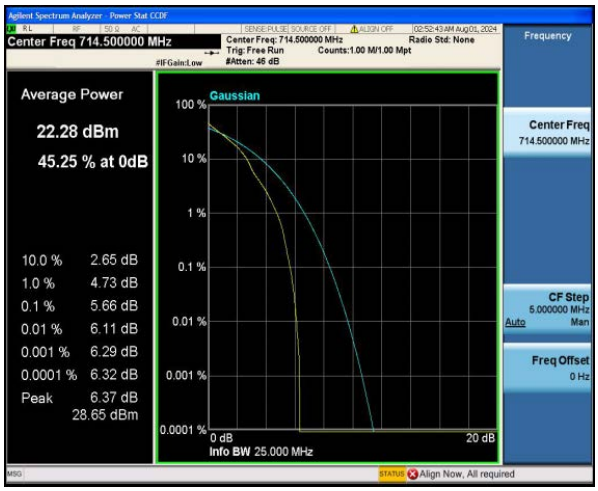
Band12-3MHz-QPSK-23095-1RB#0



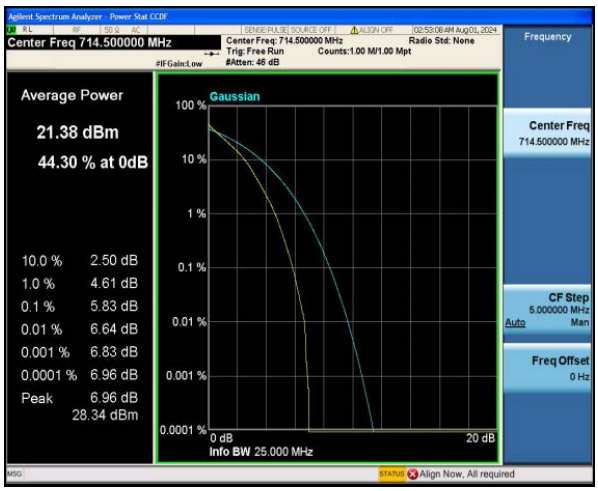
Band12-3MHz-QPSK-23095-15RB#0



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



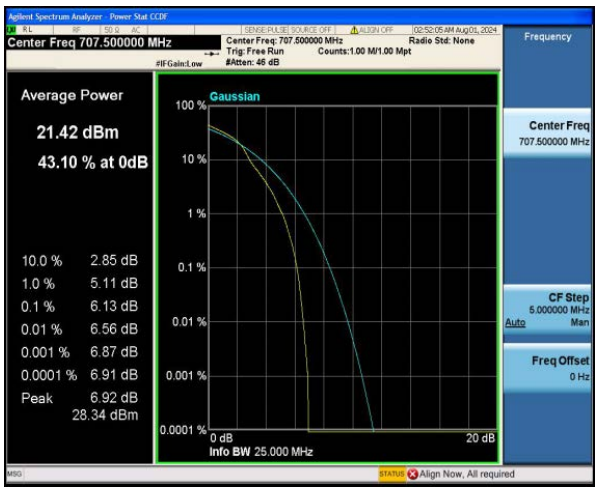
Band12-3MHz-QPSK-23165-15RB#0



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

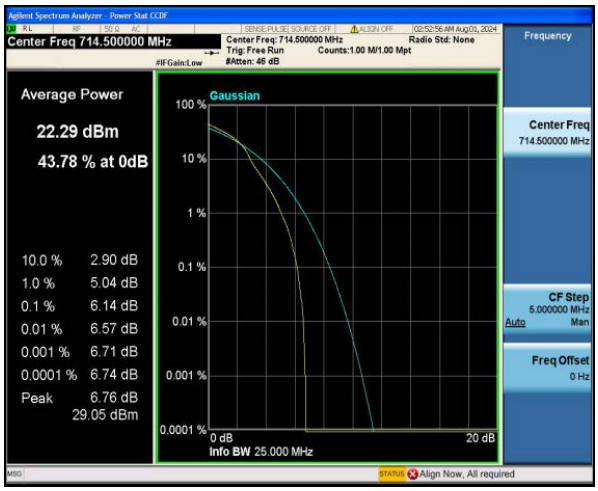
Band12-3MHz-16QAM-23025-15RB#0

Band12-3MHz-16QAM-23095-1RB#0

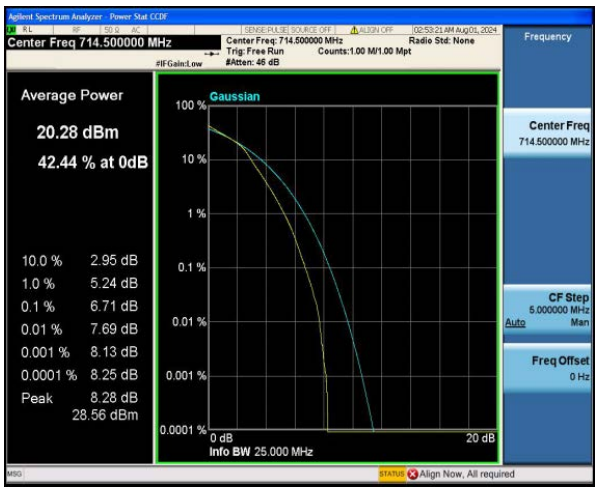


Band12-3MHz-16QAM-23095-15RB#0

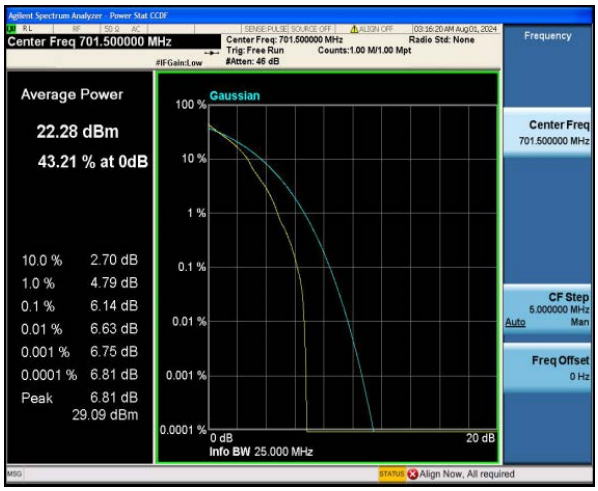
Band12-3MHz-16QAM-23165-1RB#0



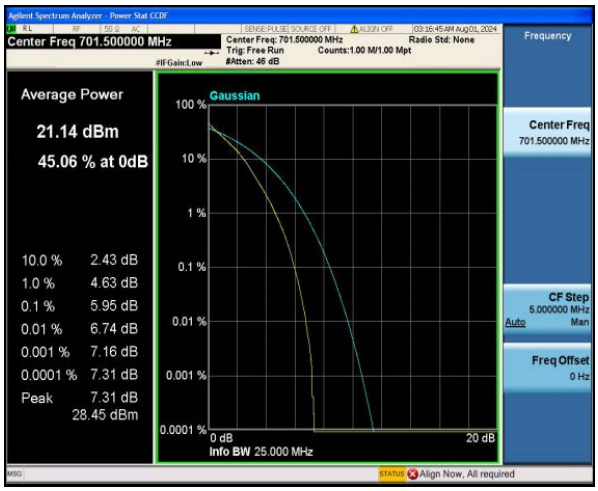
Band12-3MHz-16QAM-23165-15RB#0



Band12-5MHz-QPSK-23035-1RB#0

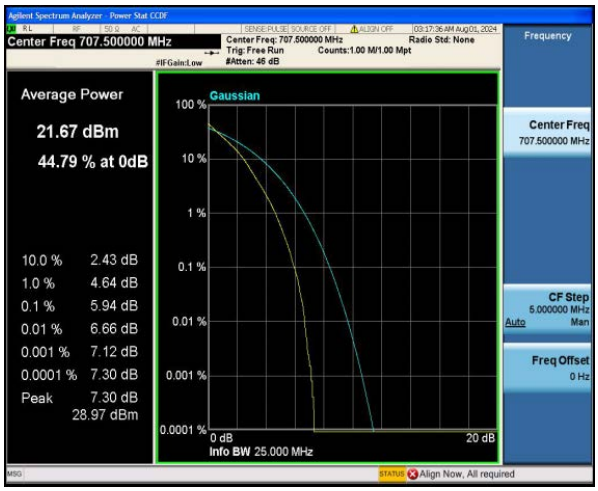


Band12-5MHz-QPSK-23035-25RB#0



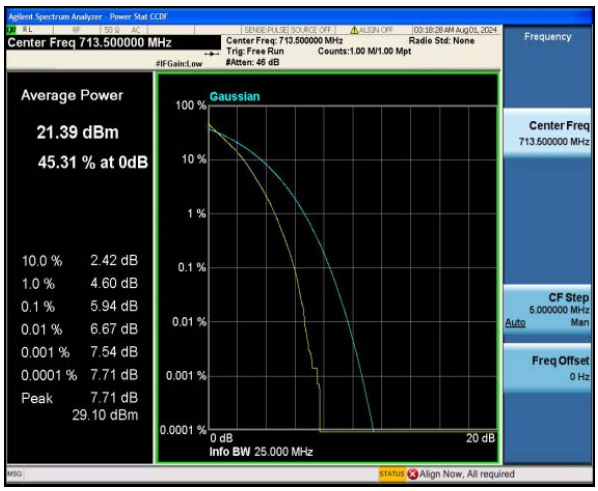
Band12-5MHz-QPSK-23095-1RB#0

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



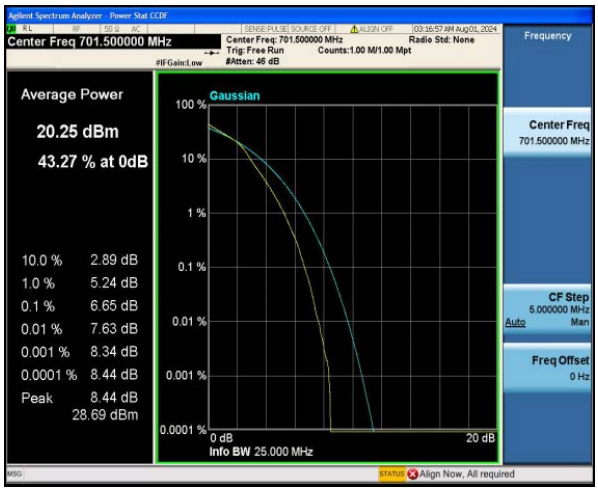
Band12-5MHz-QPSK-23155-1RB#0

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



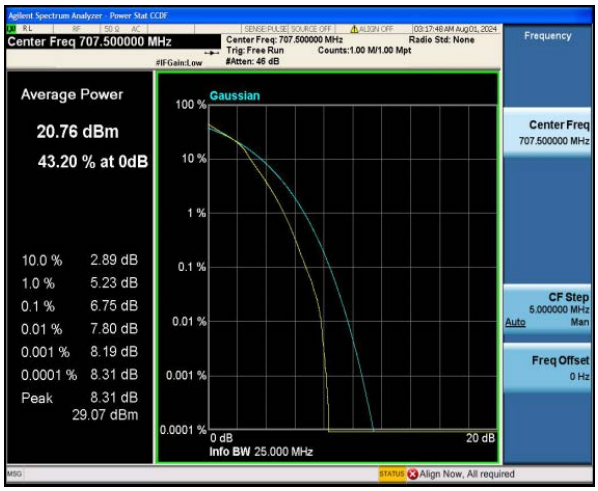
Band12-5MHz-16QAM-23035-1RB#0

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



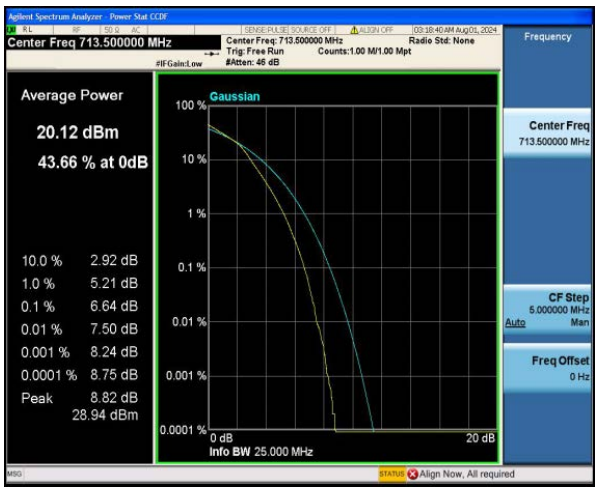
Band12-5MHz-16QAM-23095-1RB#0

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

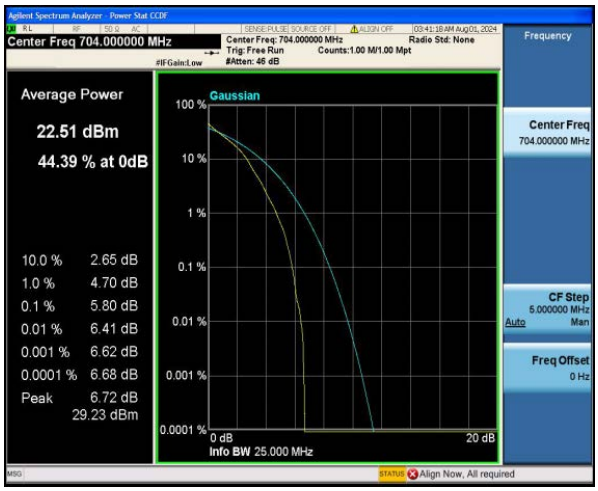


Band12-5MHz-16QAM-23155-1RB#0

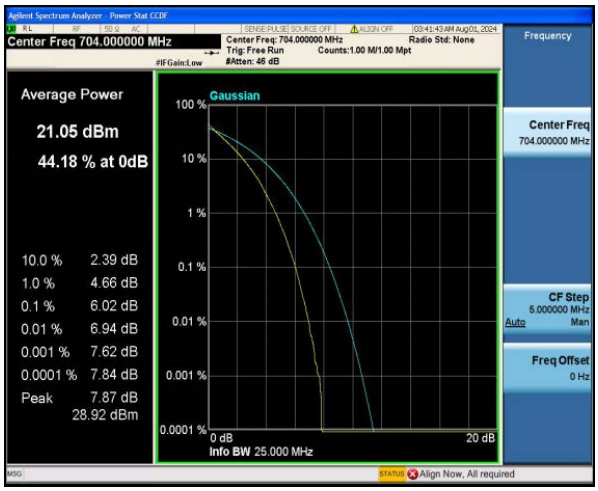
Band12-5MHz-16QAM-23155-25RB#0



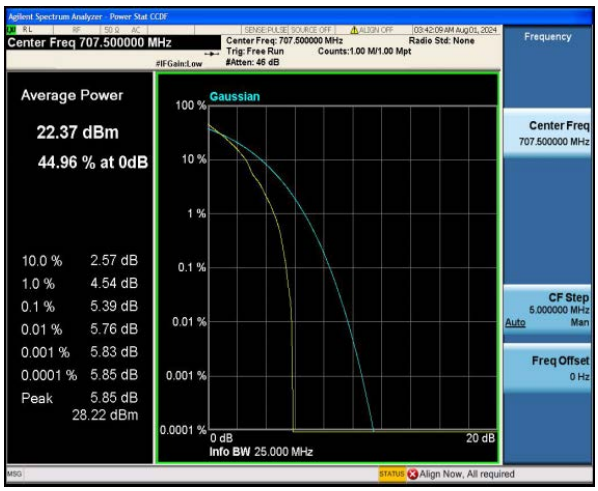
Band12-10MHz-QPSK-23060-1RB#0



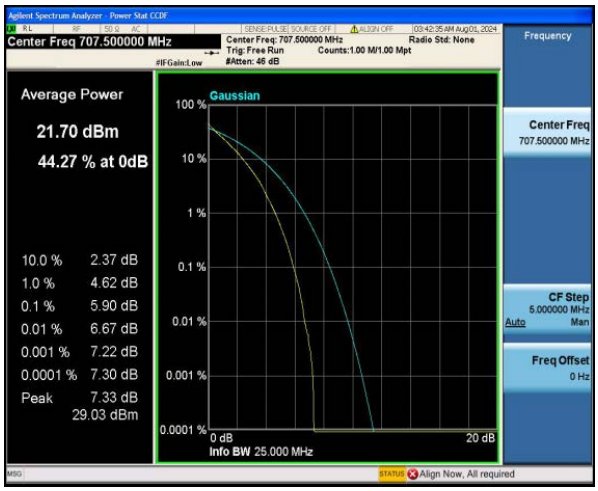
Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-1RB#0

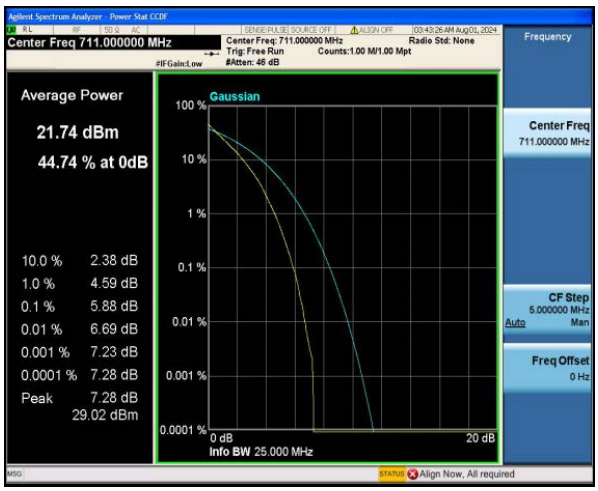


Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-1RB#0

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



Band12-10MHz-16QAM-23060-1RB#0

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

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

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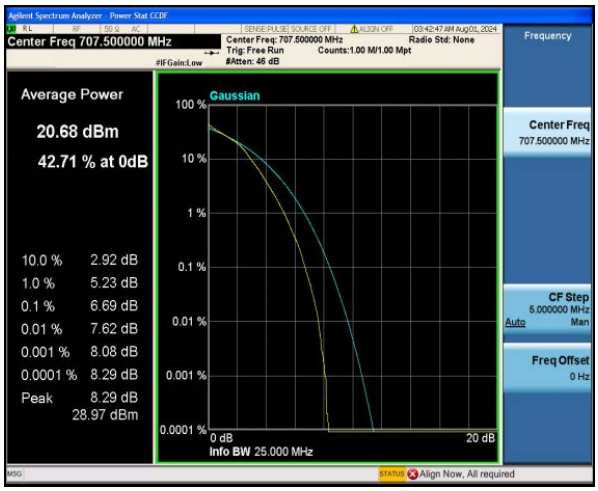

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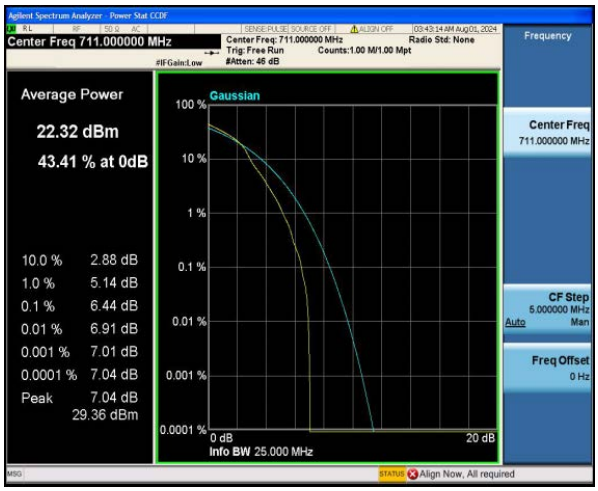
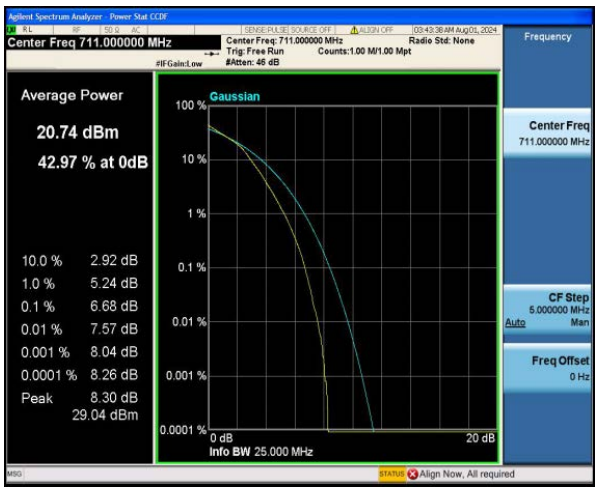


Band12-10MHz-16QAM-23130-50RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

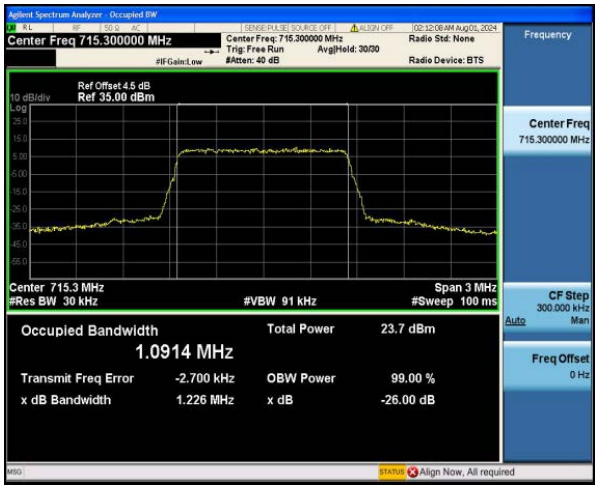
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0896	1.224	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0887	1.232	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0914	1.226	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0925	1.236	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0931	1.241	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0912	1.238	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7011	2.953	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6993	2.973	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6977	2.966	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6933	2.958	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6952	2.985	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6980	2.965	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4983	4.876	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4942	4.874	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4978	4.893	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5022	4.876	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4956	4.895	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5005	4.870	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9812	9.548	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9740	9.560	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9780	9.532	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9627	9.552	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9827	9.595	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9803	9.614	PASS

Test Graphs

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

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

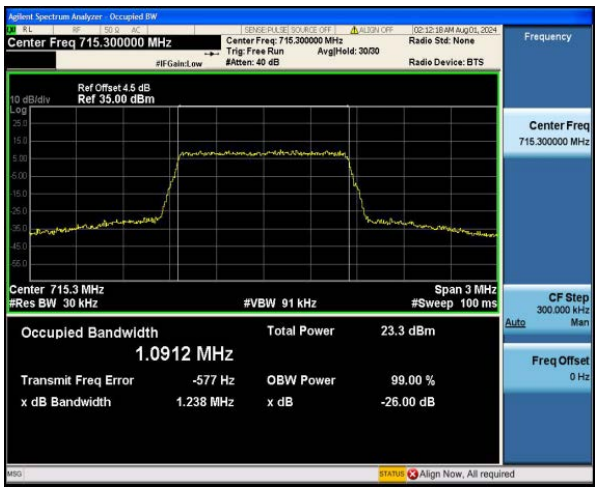
Band12-1.4MHz-QPSK-23173-6RB#0



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

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

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

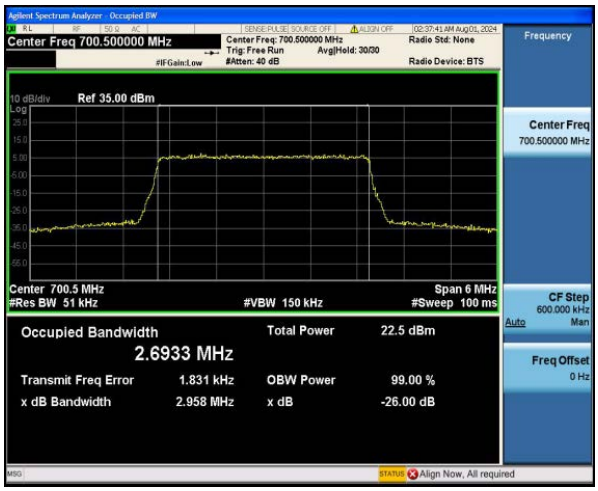


Band12-3MHz-QPSK-23025-15RB#0

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

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-33.92,-27.33	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-22.92,-40.28	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.04,-27.85	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-44.80,-22.96	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-27.93,-31.91	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-30.15,-30.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-34.65,-27.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-23.05,-41.45	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.00,-27.87	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-41.76,-21.25	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-25.13,-29.57	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-30.28,-29.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	-40.38,-21.59	PASS
Band12	3MHz	QPSK	23025	1RB#14	-46.23,-33.34	PASS
Band12	3MHz	QPSK	23025	15RB#0	-39.63,-30.31	PASS
Band12	3MHz	QPSK	23165	1RB#0	-35.86,-49.08	PASS
Band12	3MHz	QPSK	23165	1RB#14	-21.21,-39.86	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.83,-40.68	PASS
Band12	3MHz	16QAM	23025	1RB#0	-38.56,-21.36	PASS
Band12	3MHz	16QAM	23025	1RB#14	-48.83,-33.20	PASS
Band12	3MHz	16QAM	23025	15RB#0	-40.53,-32.29	PASS
Band12	3MHz	16QAM	23165	1RB#0	-33.92,-50.46	PASS
Band12	3MHz	16QAM	23165	1RB#14	-21.78,-41.10	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.74,-41.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.66	PASS
Band12	5MHz	QPSK	23035	1RB#24	-32.06	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.79	PASS
Band12	5MHz	QPSK	23155	1RB#0	-32.70	PASS
Band12	5MHz	QPSK	23155	1RB#24	-14.31	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.18	PASS
Band12	5MHz	16QAM	23035	1RB#0	-14.08	PASS
Band12	5MHz	16QAM	23035	1RB#24	-33.95	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	-32.32	PASS
Band12	5MHz	16QAM	23155	1RB#24	-15.76	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.61	PASS

Band12	10MHz	QPSK	23060	1RB#0	-22.71,-16.52	PASS
Band12	10MHz	QPSK	23060	1RB#49	-40.19,-35.42	PASS
Band12	10MHz	QPSK	23060	50RB#0	-30.36,-28.01	PASS
Band12	10MHz	QPSK	23130	1RB#0	-35.80,-41.33	PASS
Band12	10MHz	QPSK	23130	1RB#49	-16.31,-22.70	PASS
Band12	10MHz	QPSK	23130	50RB#0	-26.89,-30.01	PASS
Band12	10MHz	16QAM	23060	1RB#0	-21.71,-15.76	PASS
Band12	10MHz	16QAM	23060	1RB#49	-37.54,-33.07	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.10,-27.71	PASS
Band12	10MHz	16QAM	23130	1RB#0	-35.69,-40.82	PASS
Band12	10MHz	16QAM	23130	1RB#49	-16.45,-23.47	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.76,-30.10	PASS

Test Graphs

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

Band12-1.4MHz-QPSK-23017-1RB#5

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

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

Band12-1.4MHz-QPSK-23173-1RB#5

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

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

Band12-1.4MHz-16QAM-23017-1RB#5

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

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

Band12-1.4MHz-16QAM-23173-1RB#5

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

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

Band12-3MHz-QPSK-23025-1RB#14

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

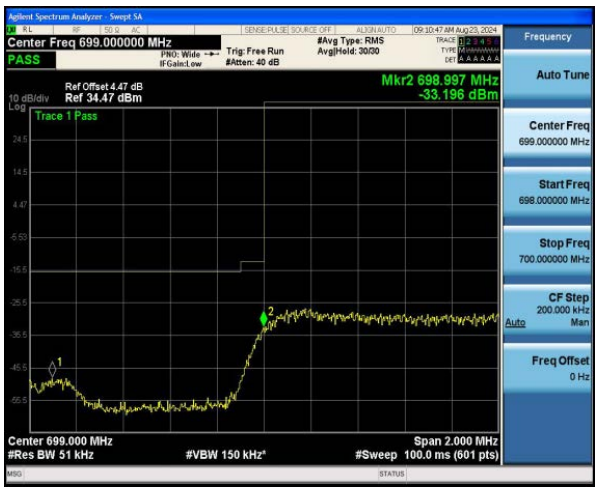
Band12-3MHz-QPSK-23165-1RB#0

Band12-3MHz-QPSK-23165-1RB#14

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

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

Band12-3MHz-16QAM-23025-1RB#14



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

Band12-3MHz-16QAM-23165-1RB#0

Band12-3MHz-16QAM-23165-1RB#14

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

Band12-5MHz-QPSK-23035-1RB#0

Band12-5MHz-QPSK-23035-1RB#24

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

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

Band12-5MHz-QPSK-23155-1RB#24

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

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

Band12-5MHz-16QAM-23035-1RB#24

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

Band12-5MHz-16QAM-23155-1RB#0

Band12-5MHz-16QAM-23155-1RB#24

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

Band12-10MHz-QPSK-23060-1RB#0

Band12-10MHz-QPSK-23060-1RB#49

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

Band12-10MHz-QPSK-23130-1RB#0

Band12-10MHz-QPSK-23130-1RB#49

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

Band12-10MHz-16QAM-23060-1RB#0

Band12-10MHz-16QAM-23060-1RB#49

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

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

Band12-10MHz-16QAM-23130-1RB#49

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

Agilent Spectrum Analyzer - Swept SA
Center Freq 716.000000 MHz
PASS
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 40 dB
#Avg Type: RMS
Avg|Hold: 30/30
03:30:57 AM Aug 01, 2024
Frequency
Auto Tune
Ref Offset 4.5 dB
10 dB/div
Log
Ref 34.50 dBm
Mkr2 716.100 MHz
-30.096 dBm
Trace 1 Pass
Center Freq
716.000000 MHz
Start Freq
715.000000 MHz
Stop Freq
717.000000 MHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
Center 716.000 MHz
#Res BW 200 kHz
#VBW 620 kHz*
Span 2.000 MHz
#Sweep 100.0 ms (601 pts)
Align Now, All required

Appendix E: Conducted Spurious Emission

Test Result

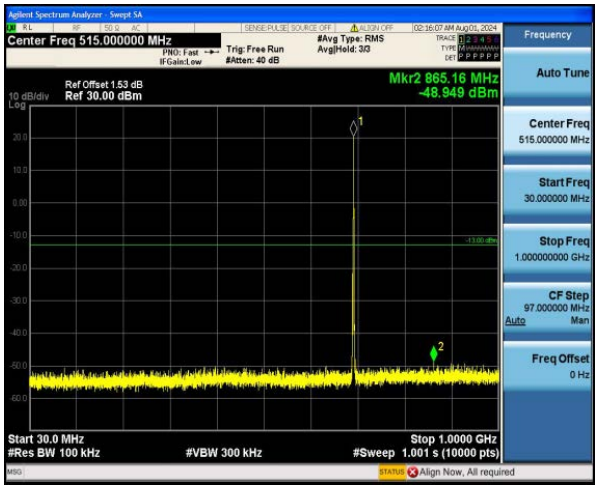
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-36.1	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.67	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-31.73	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-49.39	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-36.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-49.42	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.95	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-48.29	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-48.92	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-36.49	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-49.49	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-35.4	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.23	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-37.54	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-48.99	PASS
Band1	3MHz	QPSK	23165	1RB#0	Range2:1000~10000M	-35.7	PAS

2					Hz	6	S
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-33.4	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.15	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-37.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-48.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-33	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.56	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-32.33	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-48.84	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-35.96	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-35.32	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.14	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-49.11	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-35.1	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.04	PASS

Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.94	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-49.23	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-37.31	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-49.68	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-34.26	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.54	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-31.85	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-48.49	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-35.47	PASS

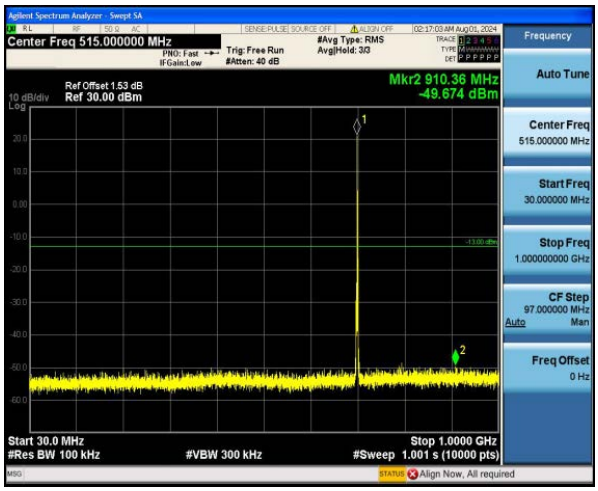
Test Graphs

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

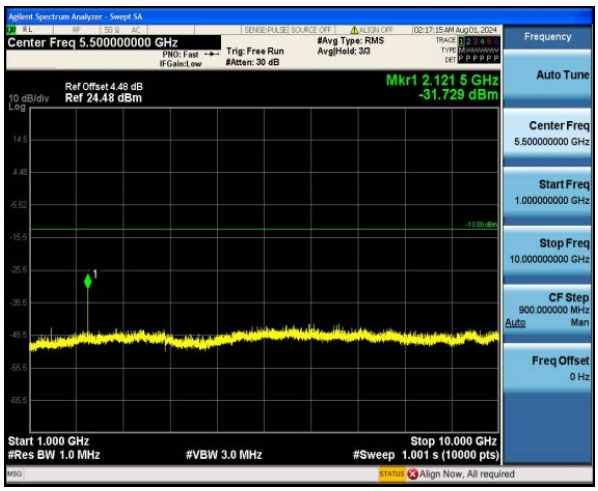


Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz

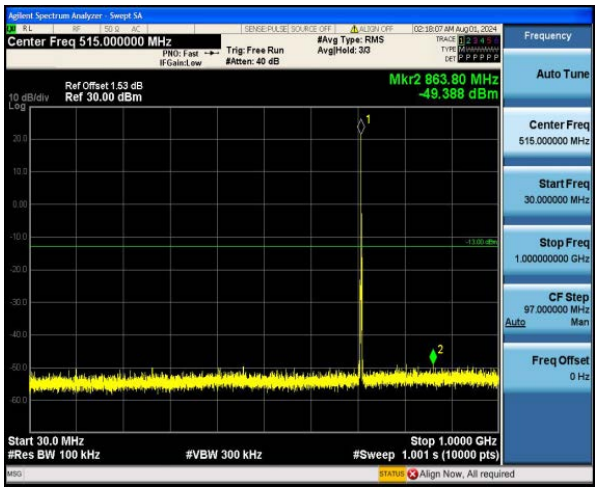
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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

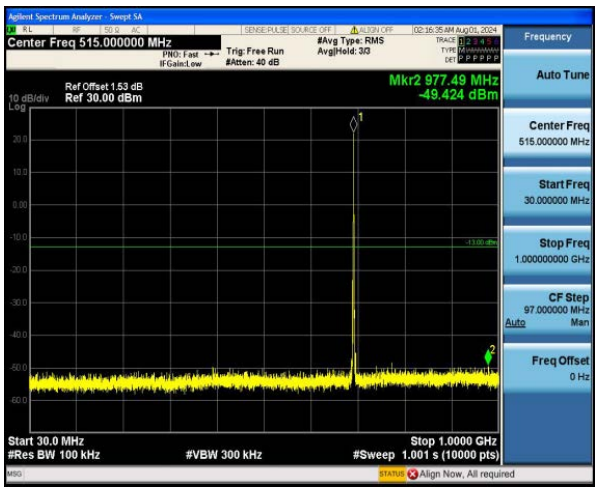


Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



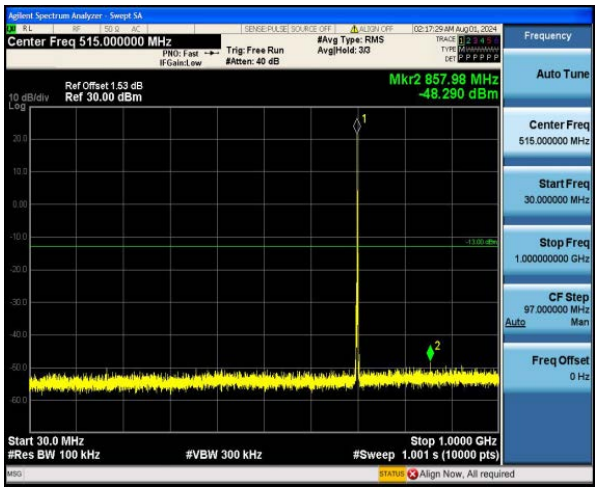
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz

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

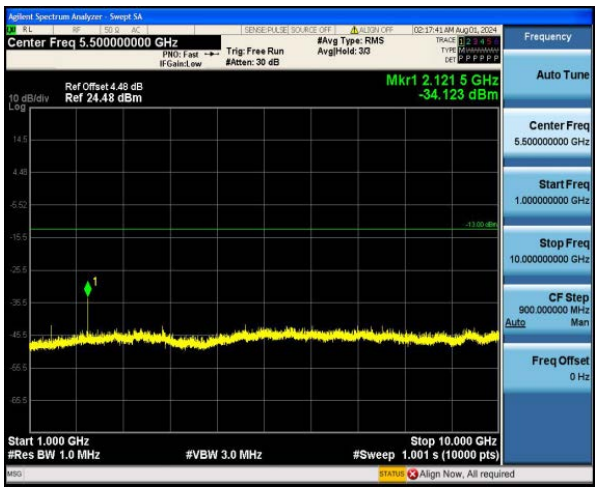


Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz

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