



Appendix D: Test Data for E-UTRA Band 12

Product Name: 4G module

Test Model: Air780E

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Eason Zhou
Supervised by:	Nick Peng





D.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.10	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.87	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.12	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.25	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.27	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.29	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.18	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.42	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.18	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.78	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.14	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.73	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.31	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.57	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.19	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.94	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.18	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.07	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.24	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.02	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.26	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.45	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.11	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.45	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.15	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.32	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.28	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.60	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.10	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.60	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.70	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.13	PASS



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 Scan code to check authenticity



Band12	1.4MHz	16QAM	23173	3RB#0	22.07	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.14	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.10	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.18	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.02	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.68	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.83	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.96	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.81	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.84	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.90	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.08	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.33	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.09	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.33	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.32	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.63	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.05	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.44	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.06	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.27	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.84	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.79	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.93	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.76	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.15	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.07	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.05	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.26	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.89	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.27	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.99	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.37	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.95	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.03	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.88	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.50	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.83	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.41	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.66	PASS





Band12	3MHz	16QAM	23165	1RB#14	22.69	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.98	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.31	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.99	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.31	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.93	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.34	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.96	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.15	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.95	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.55	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.96	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.64	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.97	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.50	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.10	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.16	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.10	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.16	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.98	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.21	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.93	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.26	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.64	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.35	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.76	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.36	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.60	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.34	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.09	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.15	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.04	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.18	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.20	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.23	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.98	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.78	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.80	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.73	PASS





Band12	5MHz	16QAM	23155	1RB#12	21.72	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.09	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.97	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.99	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.16	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.00	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.16	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.99	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.23	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.01	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.19	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.74	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.23	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.75	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.17	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.71	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.89	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.06	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.12	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.06	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.12	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.93	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.12	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.15	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.10	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.00	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.08	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.09	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.05	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.04	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.12	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.35	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.97	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.29	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.07	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.29	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.06	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.21	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.74	PASS





Band12	10MHz	16QAM	23130	1RB#0	22.76	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.70	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.71	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.10	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.04	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.27	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.88	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.26	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.95	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.25	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.91	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.24	PASS





D.2 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	4.62	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.15	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.29	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.04	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.70	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.17	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.32	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.05	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.16	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.68	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.83	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.47	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.76	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.54	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.33	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.10	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.80	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.57	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.37	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.10	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.44	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.25	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.98	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.71	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.82	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.49	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.15	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.84	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.61	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.49	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.14	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.67	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.48	13	PASS



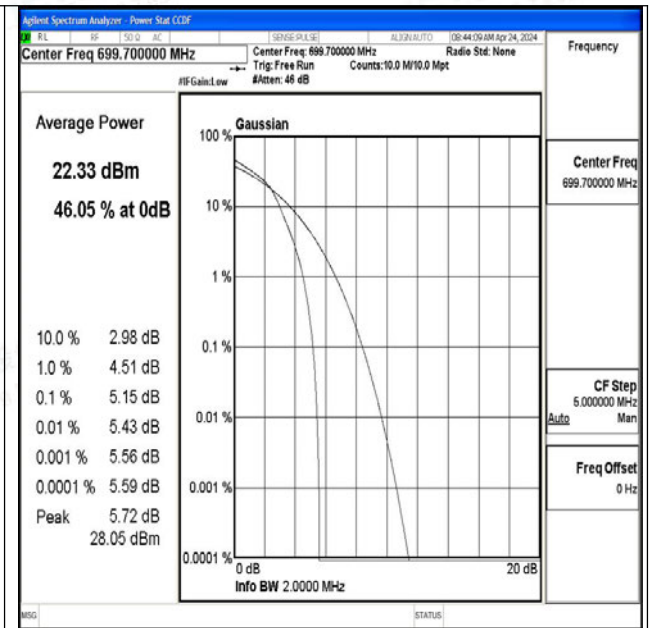
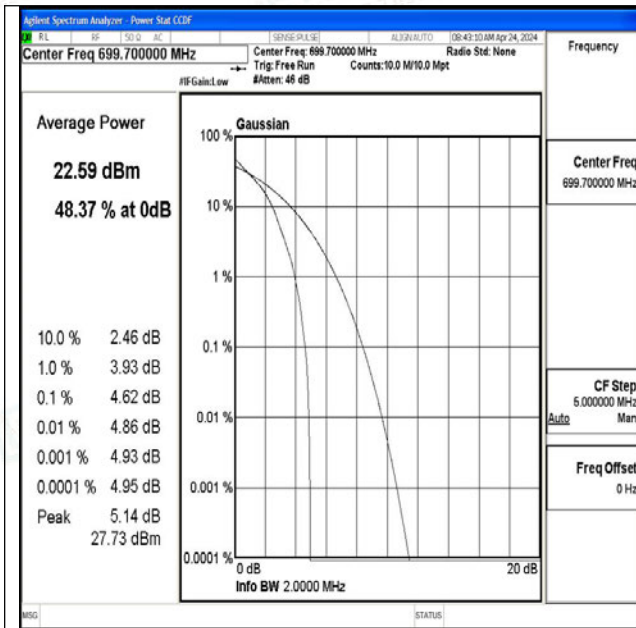


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Band12	5MHz	16QAM	23155	25RB#0	5.92	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.75	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.62	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.19	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.87	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.75	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.53	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.18	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.81	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.63	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.38	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.10	13	PASS



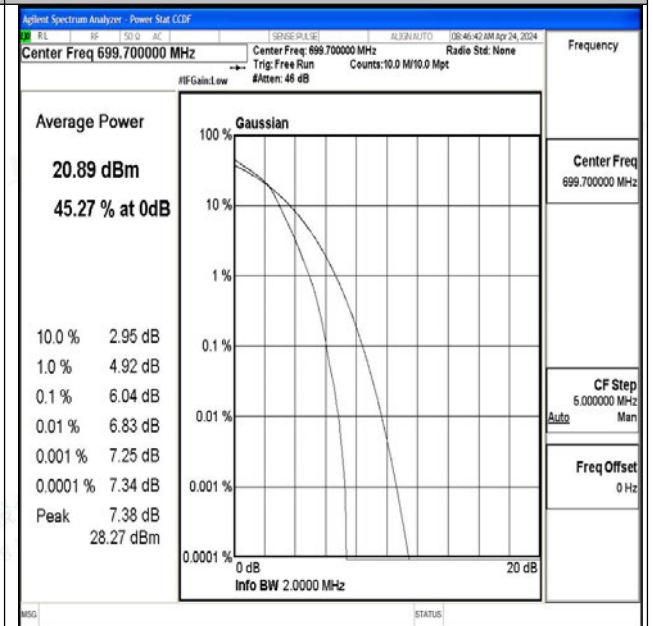
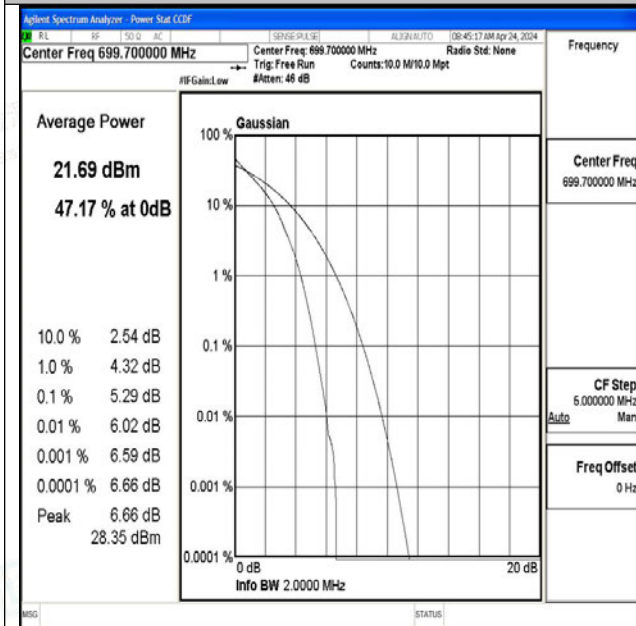


Test Graphs



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

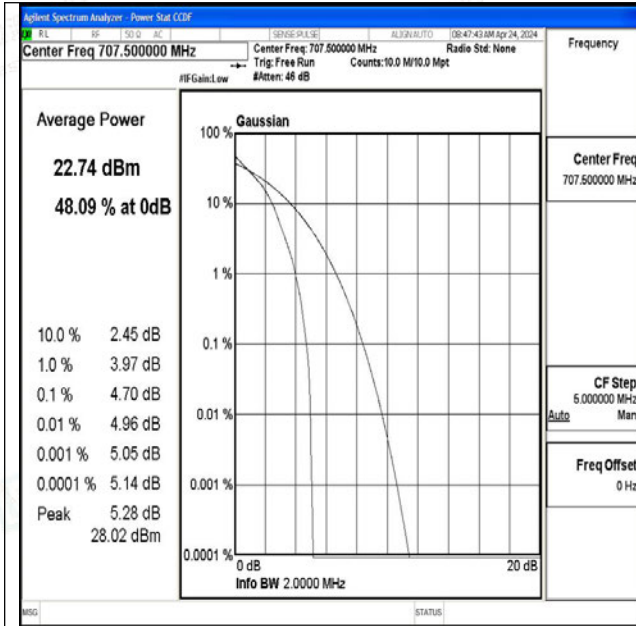
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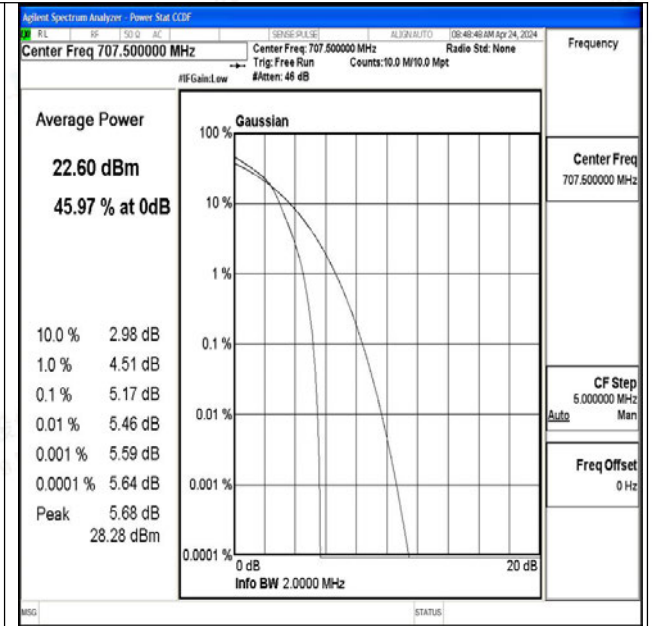
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Band12-1.4MHz-16QAM-23017-6RB#0-PASS

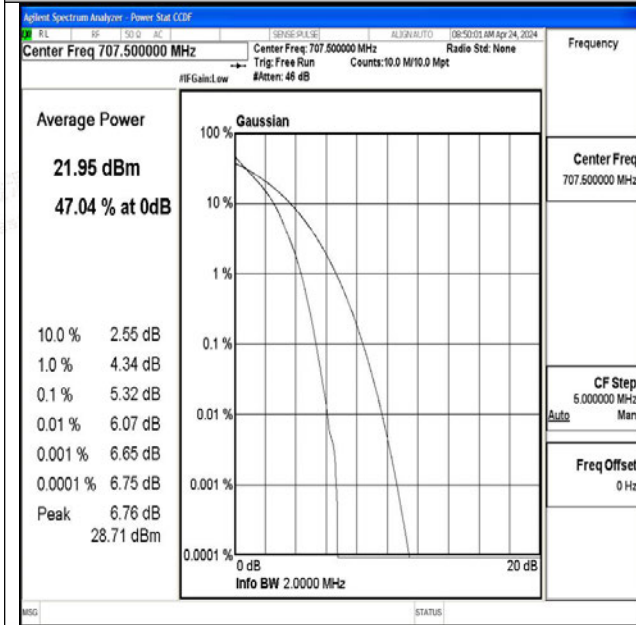




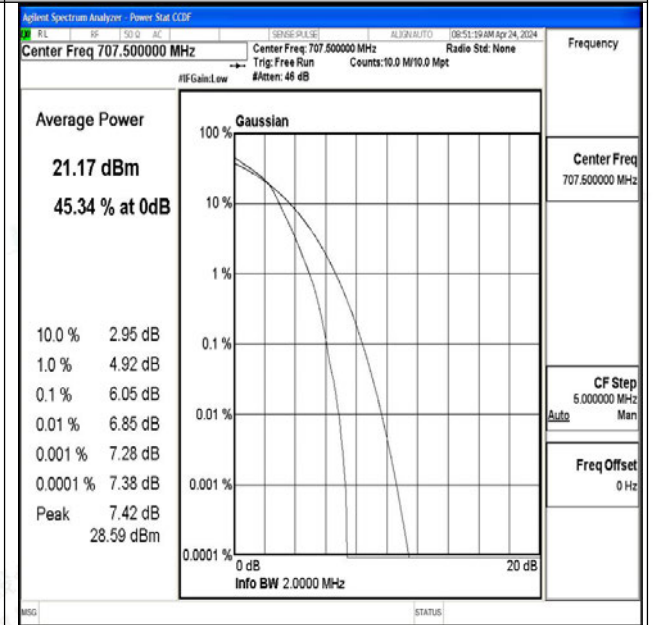
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Band12-1.4MHz-16QAM-23095-1RB#0-PASS

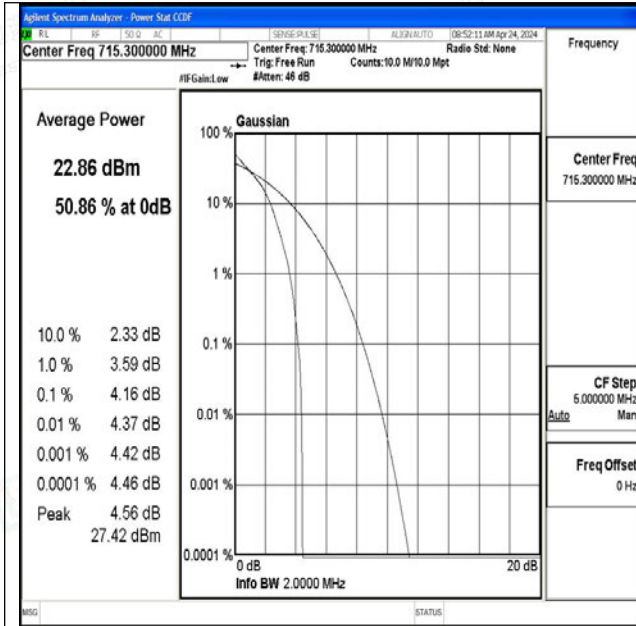


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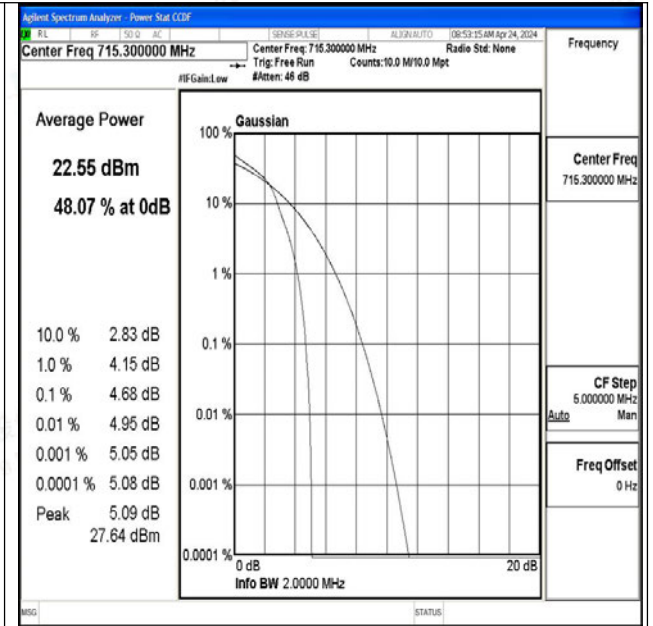


Band12-1.4MHz-16QAM-23095-6RB#0-PASS

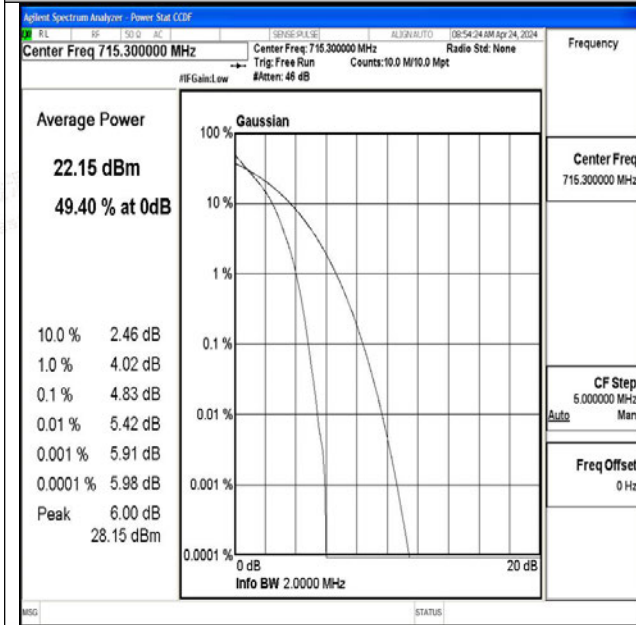




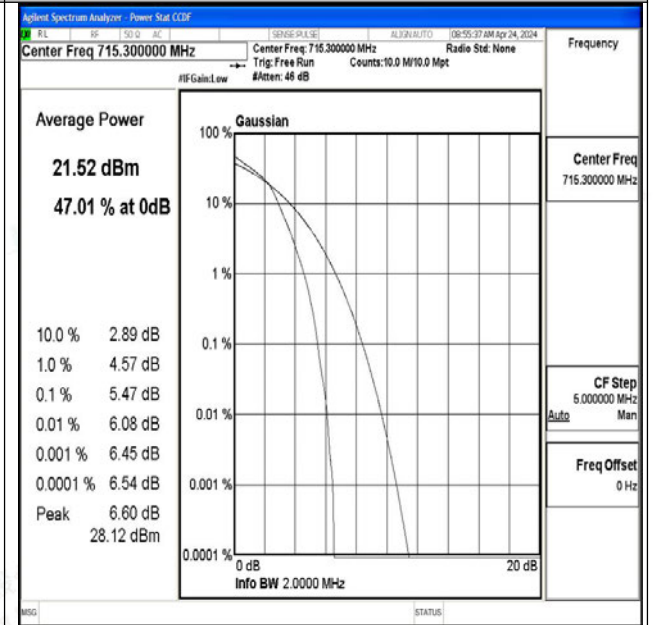
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Band12-1.4MHz-16QAM-23173-1RB#0-PASS

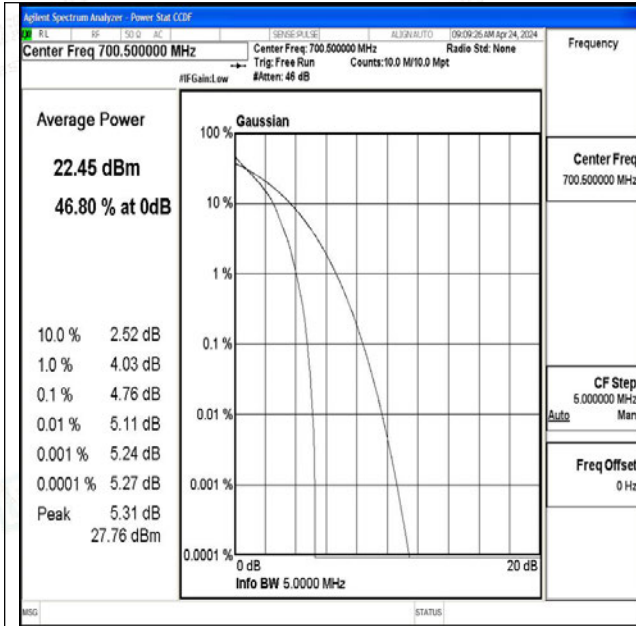


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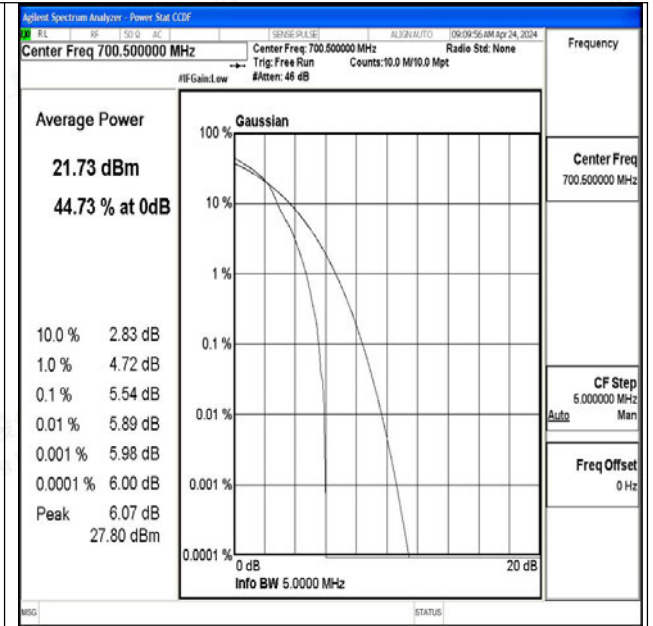


Band12-1.4MHz-16QAM-23173-6RB#0-PASS

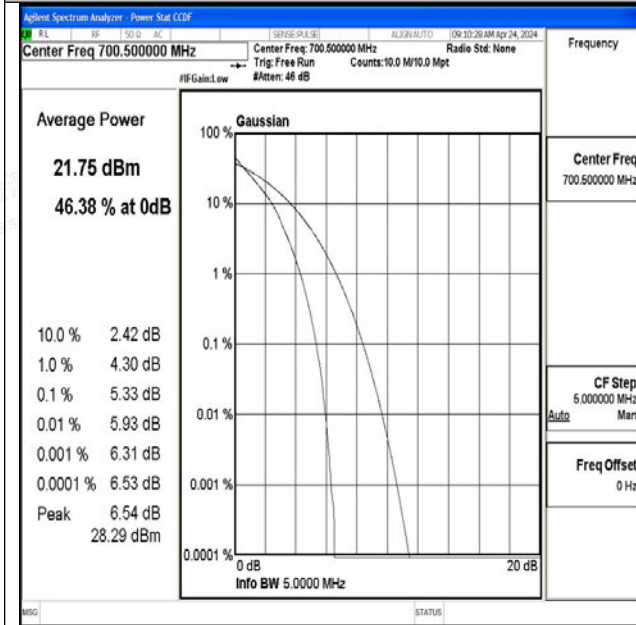




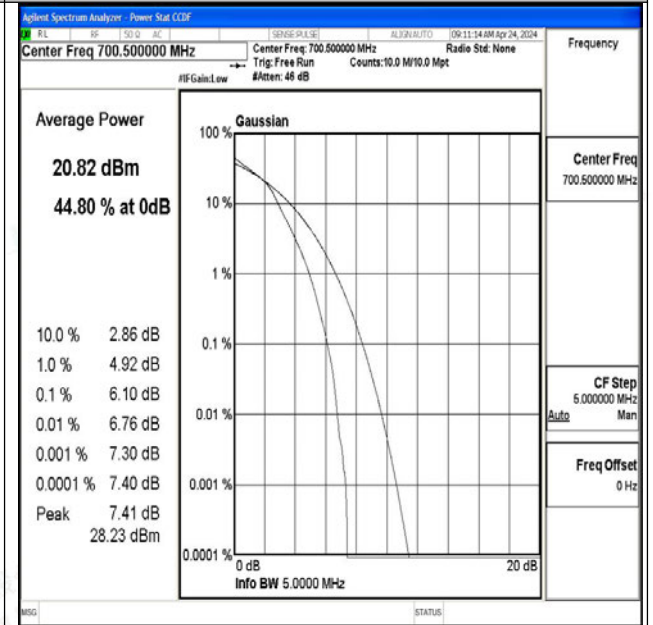
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Band12-3MHz-16QAM-23025-1RB#0-PASS

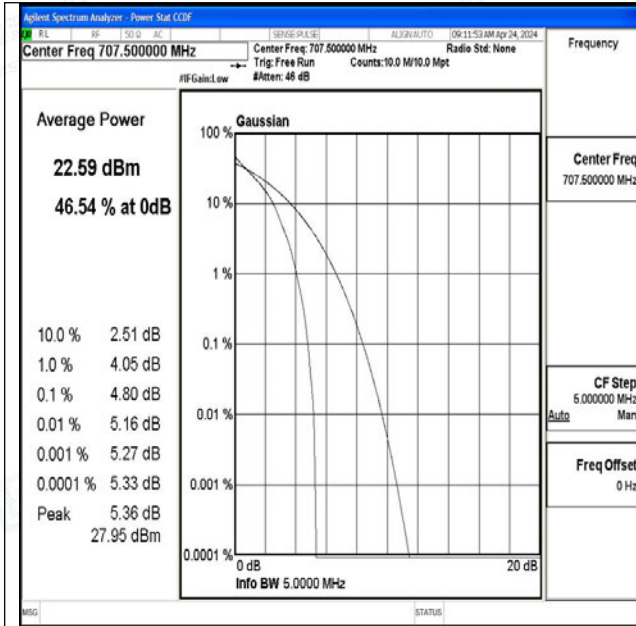


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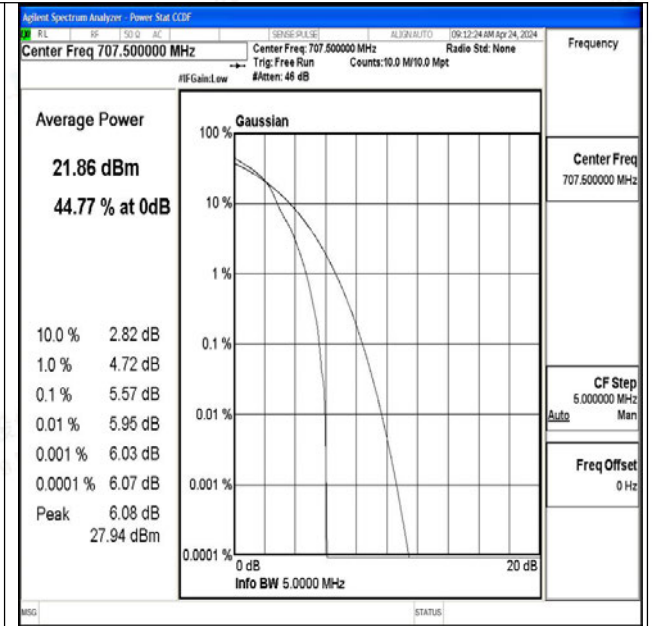


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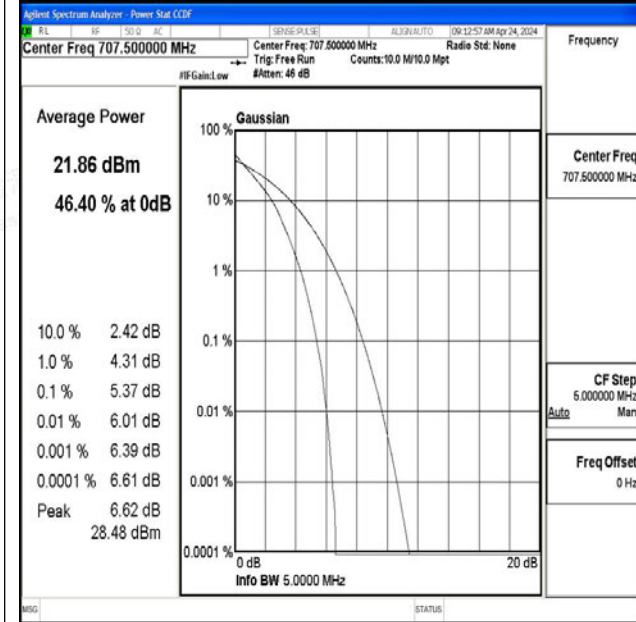




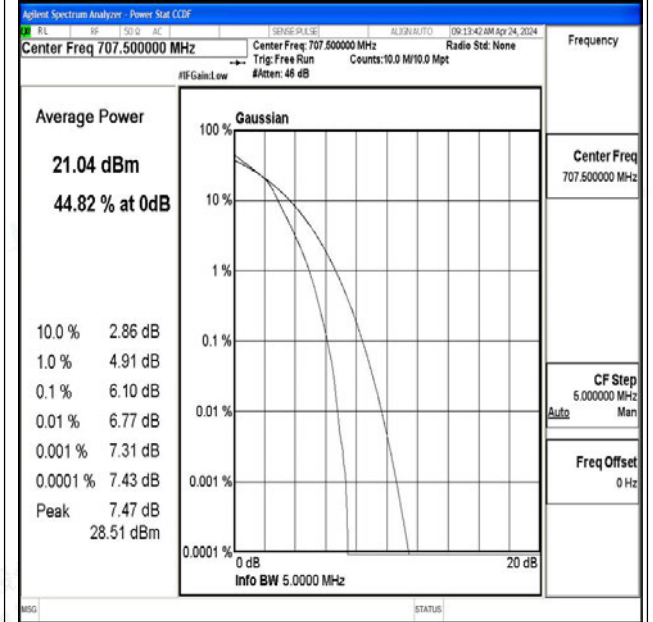
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Band12-3MHz-16QAM-23095-1RB#0-PASS

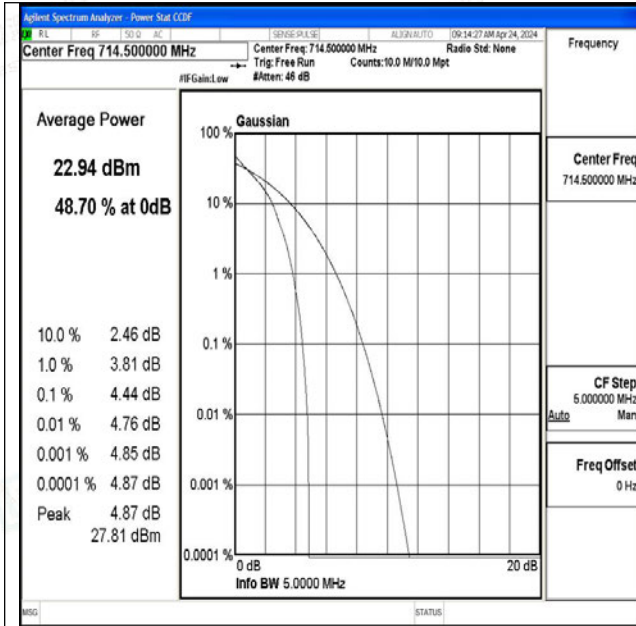


Band12-3MHz-QPSK-23095-15RB#0-PASS

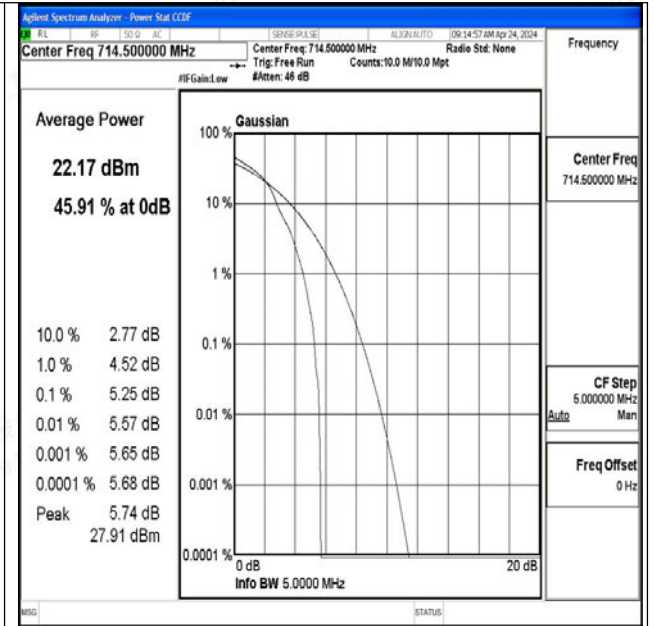


Band12-3MHz-16QAM-23095-15RB#0-PASS

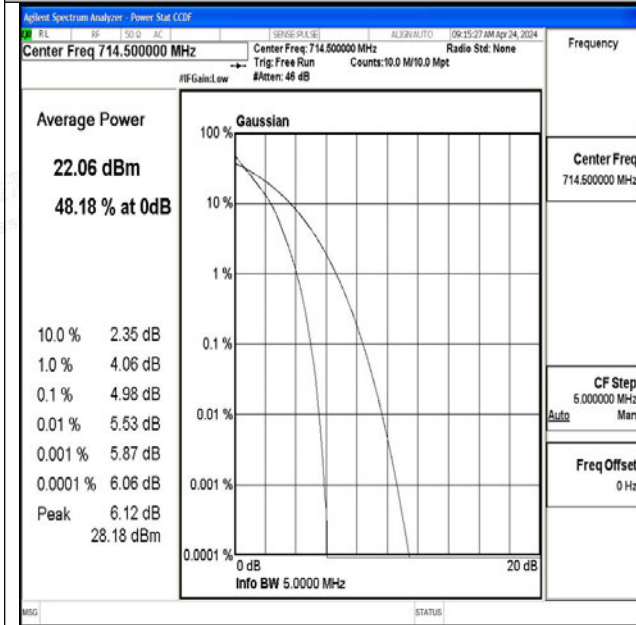




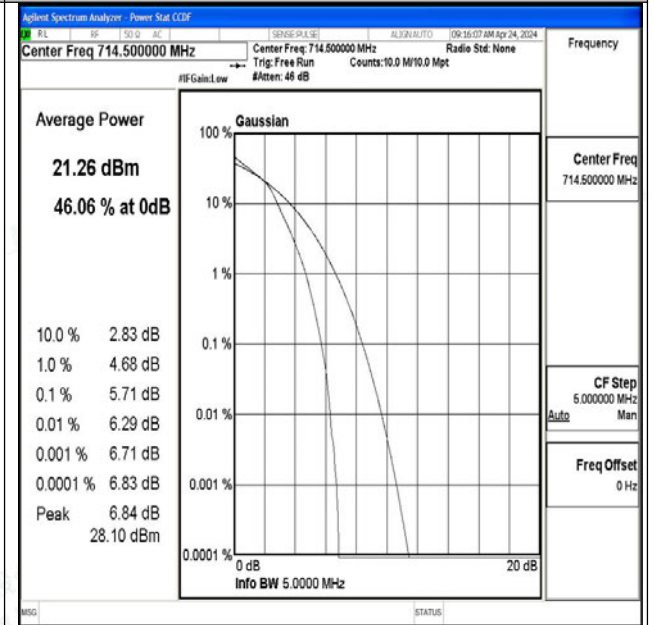
Band12-3MHz-QPSK-23165-1RB#0-PASS



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

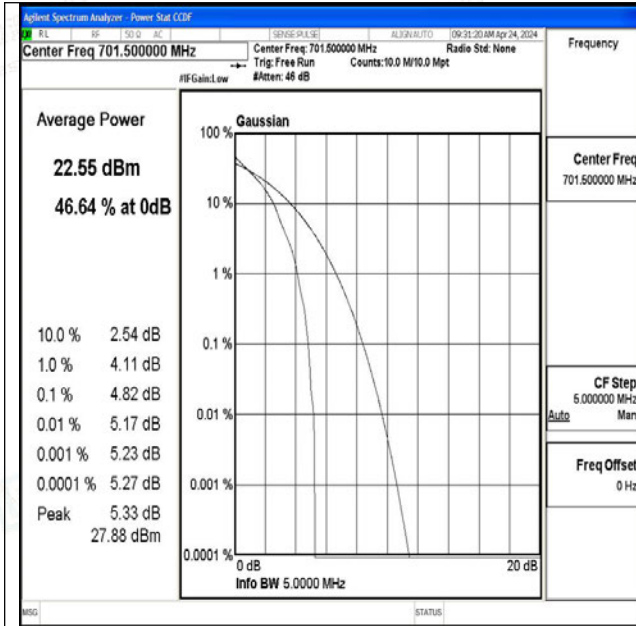


Band12-3MHz-QPSK-23165-15RB#0-PASS

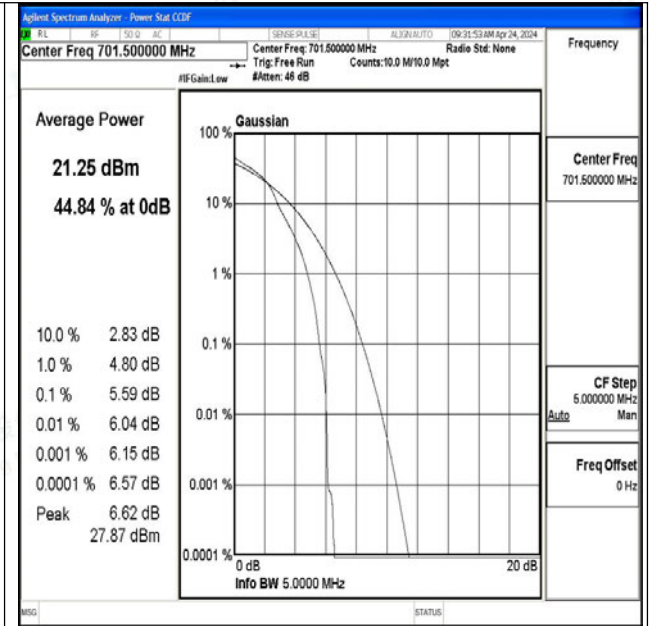


Band12-3MHz-16QAM-23165-15RB#0-PASS

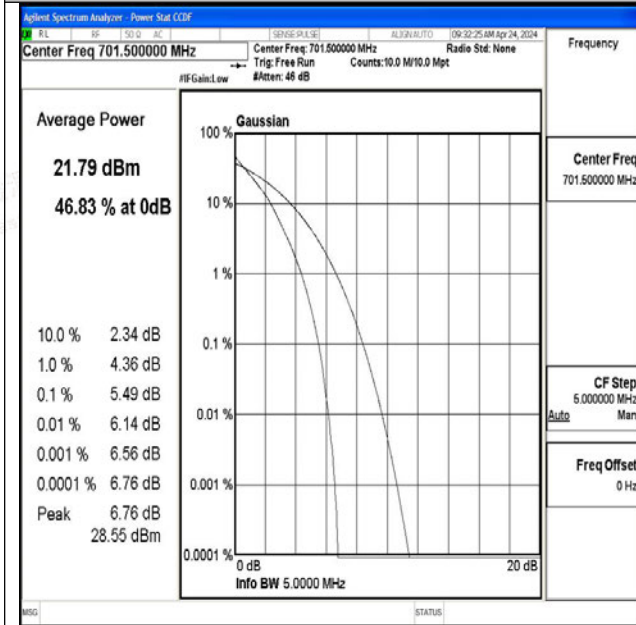




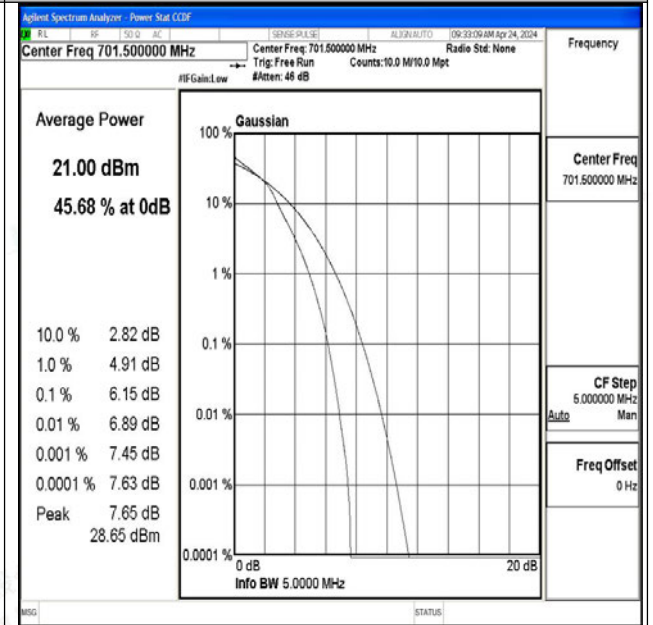
Band12-5MHz-QPSK-23035-1RB#0-PASS



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

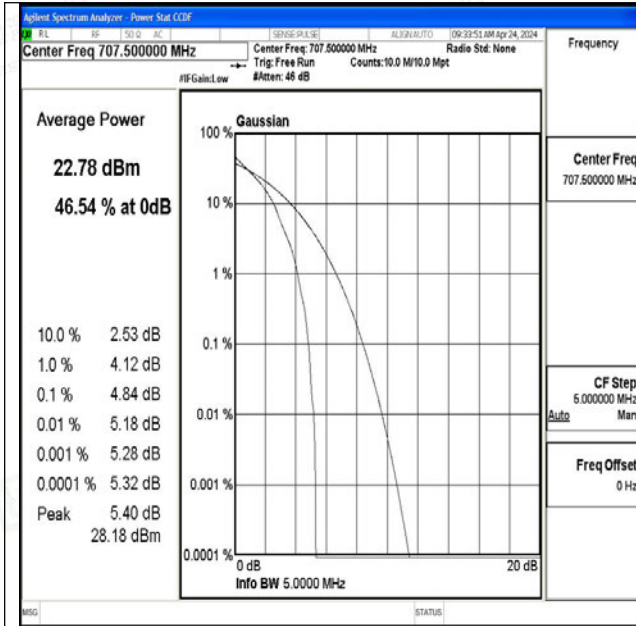


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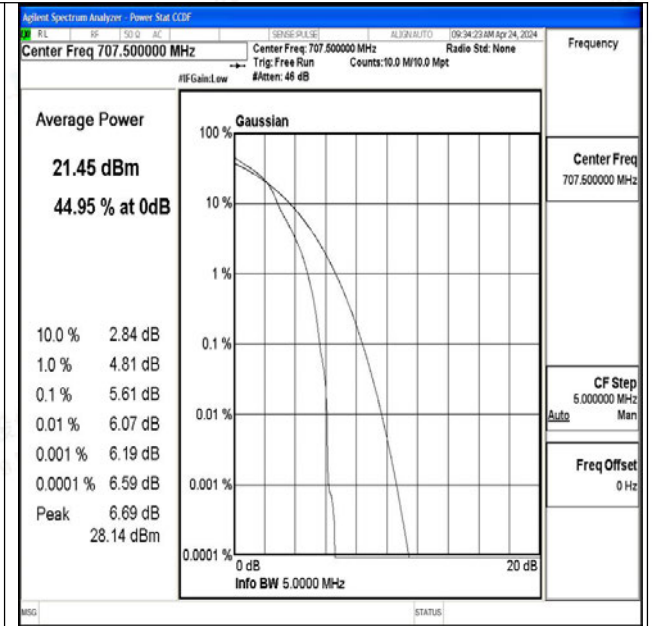


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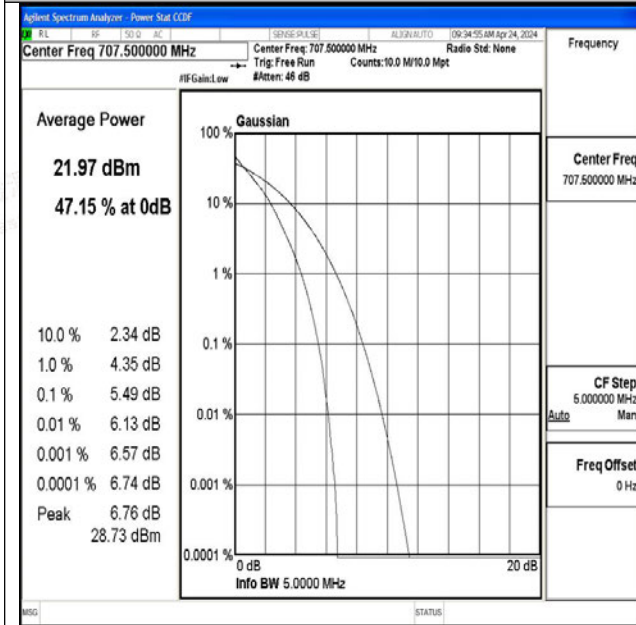




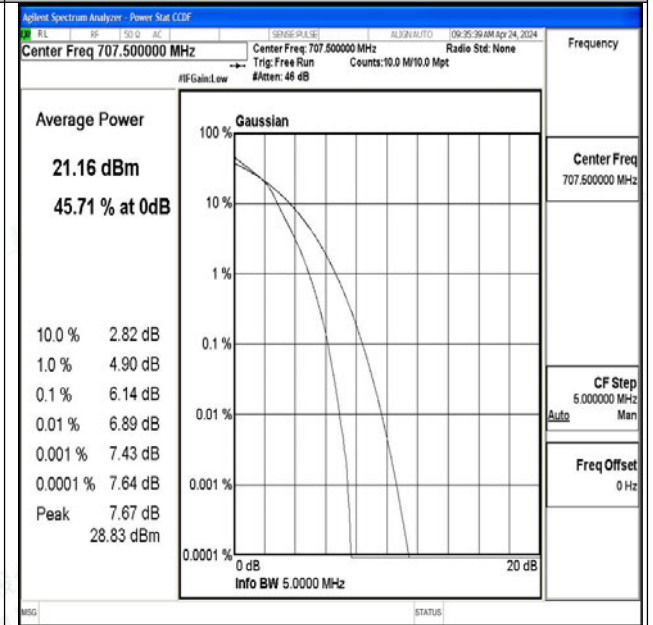
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Band12-5MHz-16QAM-23095-1RB#0-PASS

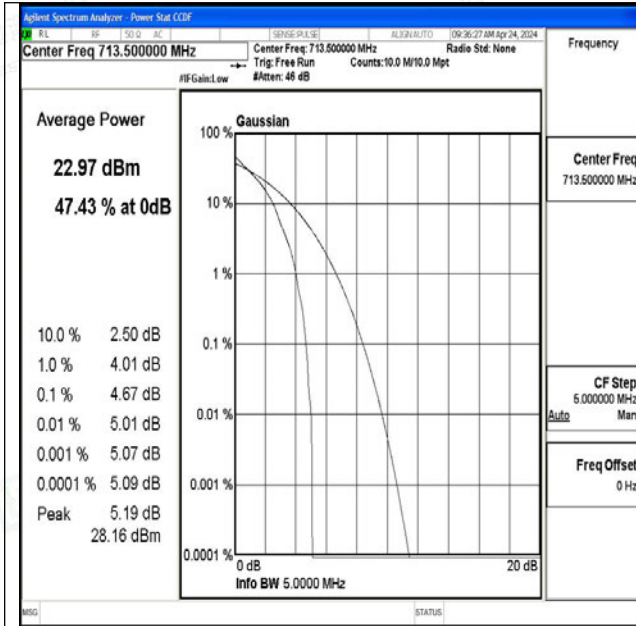


Band12-5MHz-QPSK-23095-25RB#0-PASS

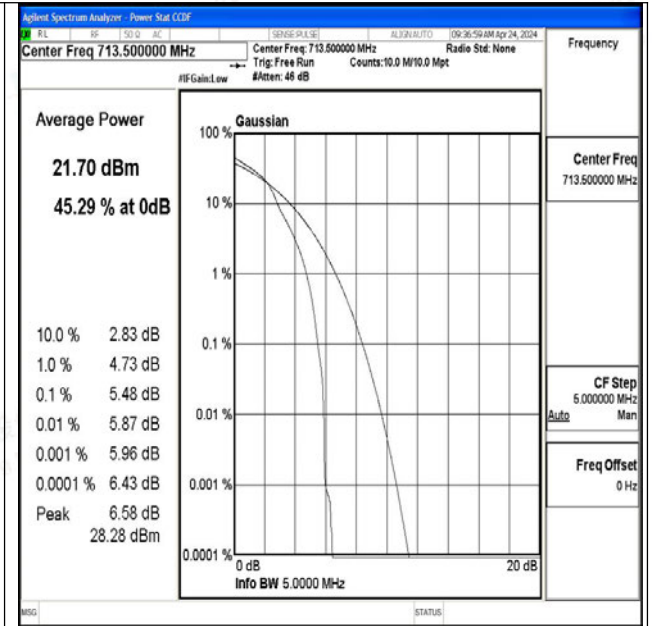


Band12-5MHz-16QAM-23095-25RB#0-PASS

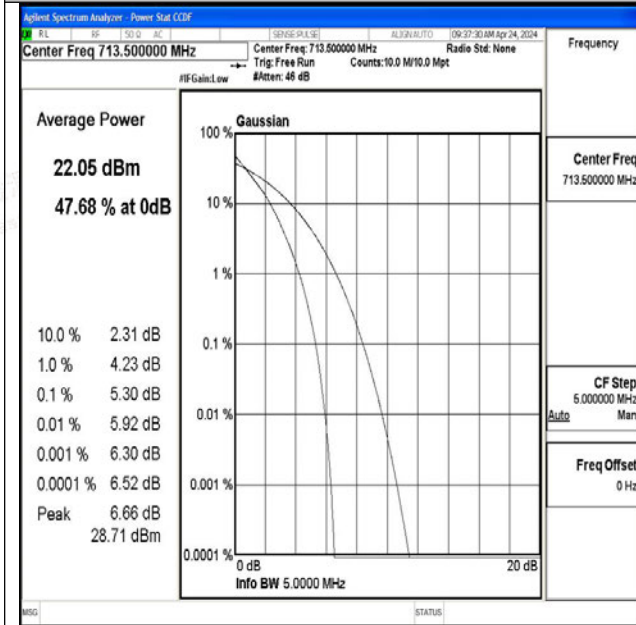




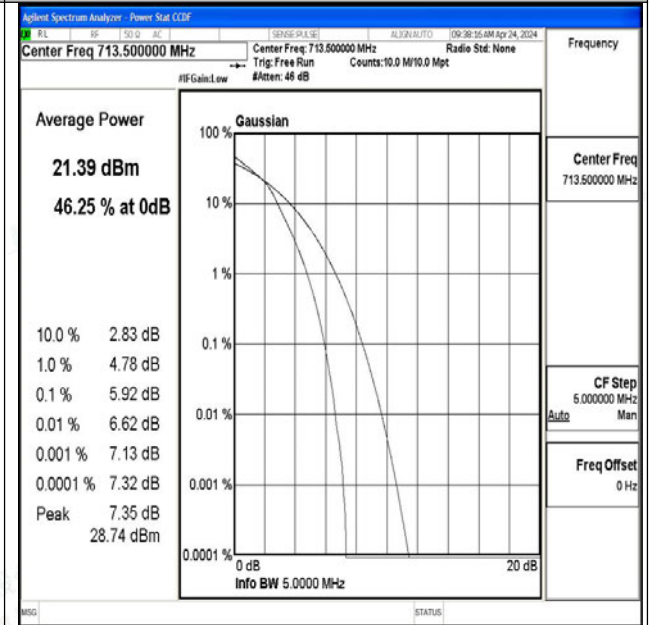
Band12-5MHz-QPSK-23155-1RB#0-PASS



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

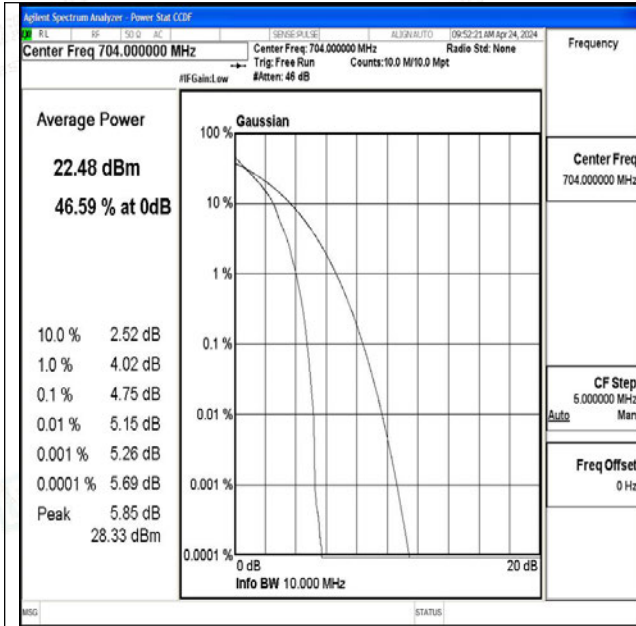


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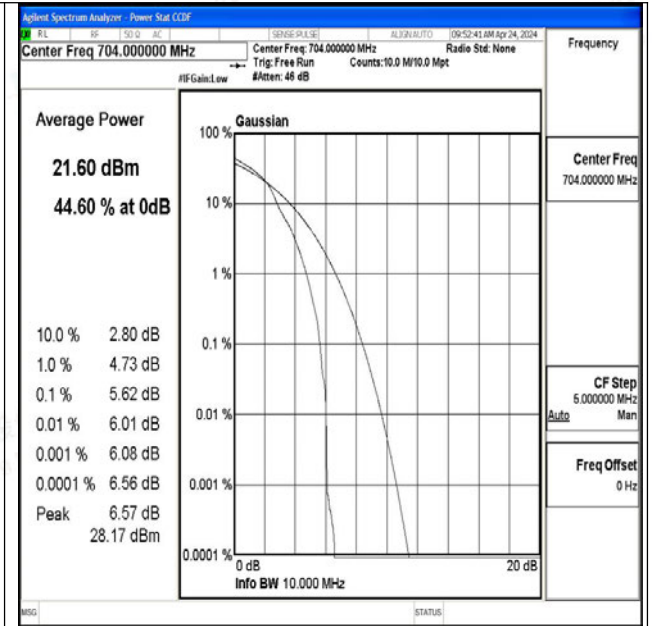


Band12-5MHz-16QAM-23155-25RB#0-PASS

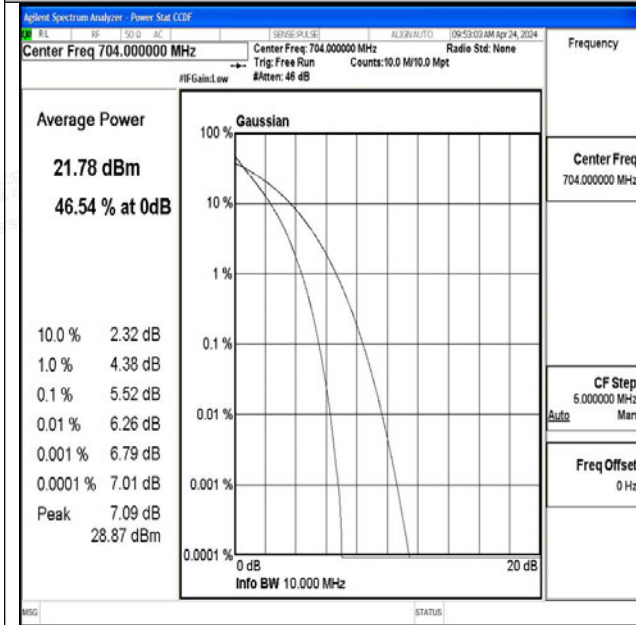




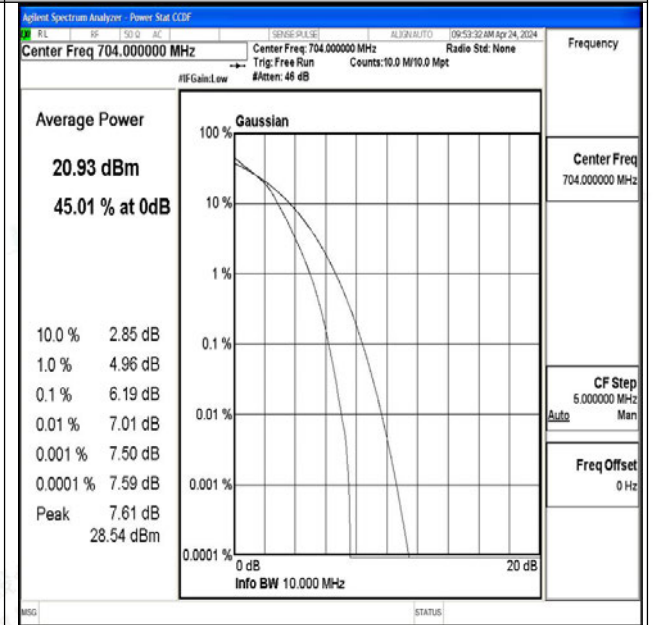
Band12-10MHz-QPSK-23060-1RB#0-PASS



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

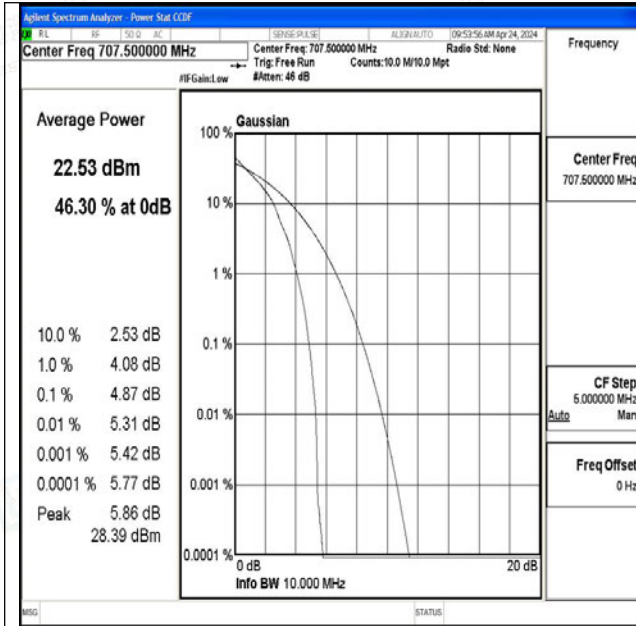


Band12-10MHz-QPSK-23060-50RB#0-PASS

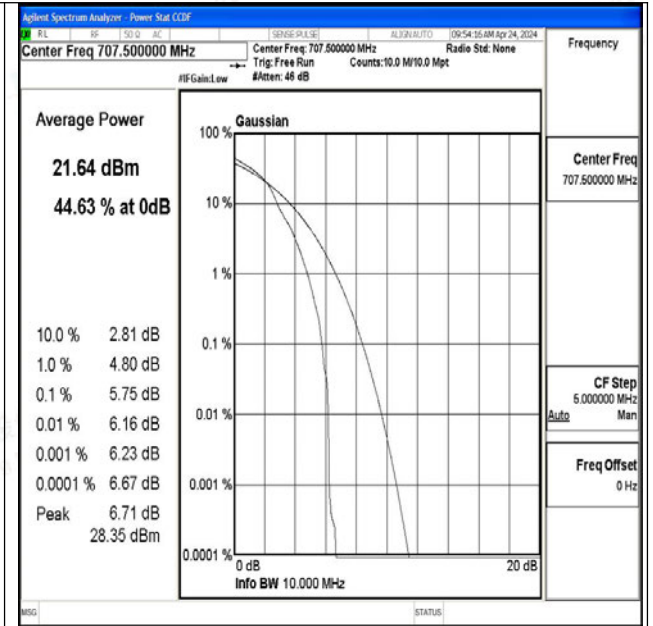


Band12-10MHz-16QAM-23060-50RB#0-PASS

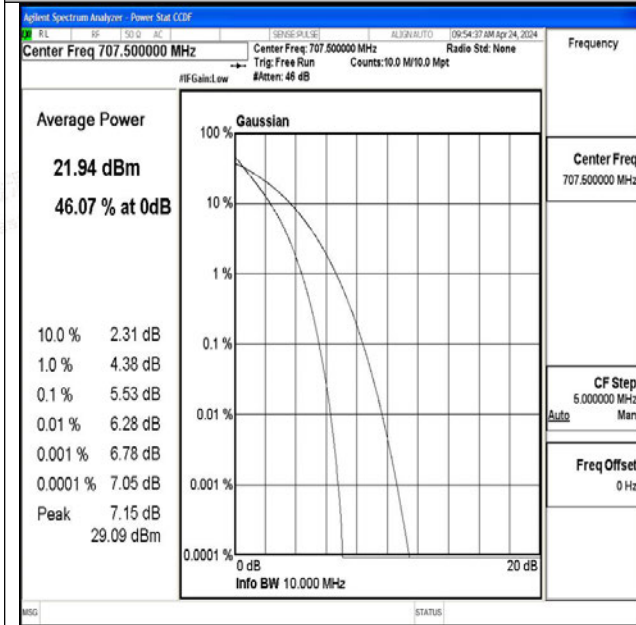




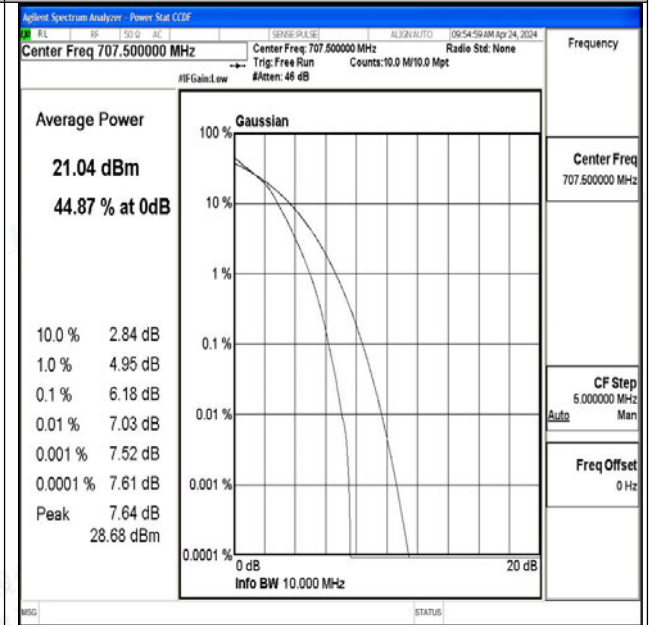
Band12-10MHz-QPSK-23095-1RB#0-PASS



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

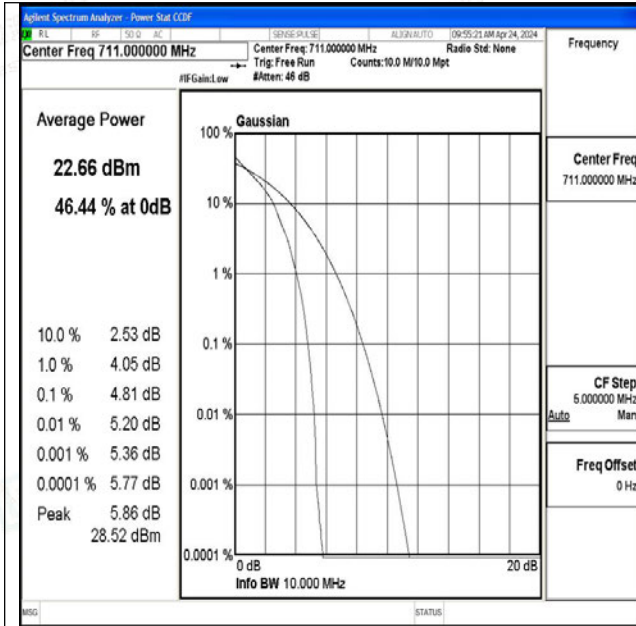


Band12-10MHz-QPSK-23095-50RB#0-PASS

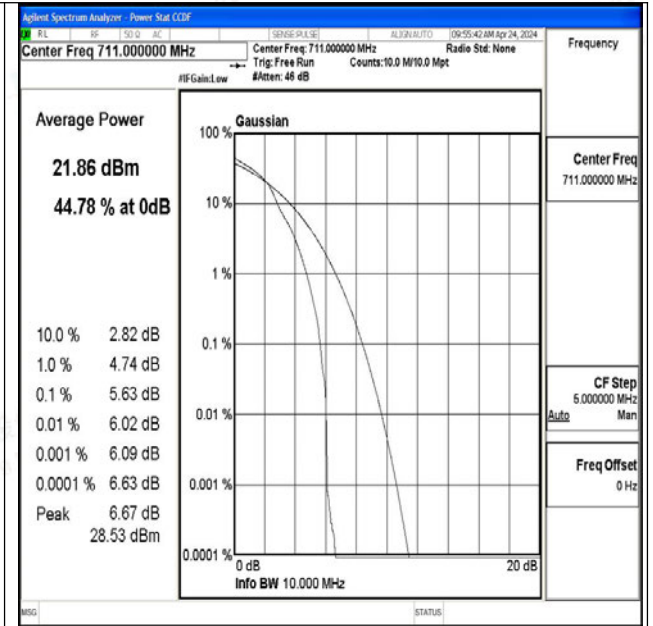


Band12-10MHz-16QAM-23095-50RB#0-PASS

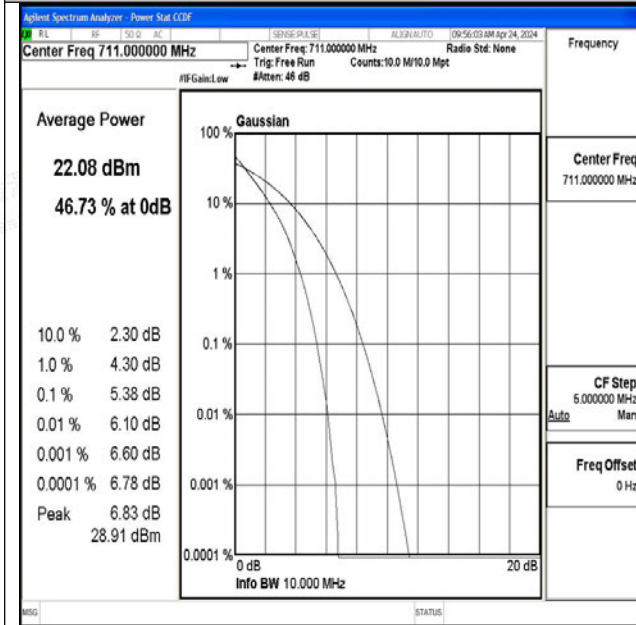




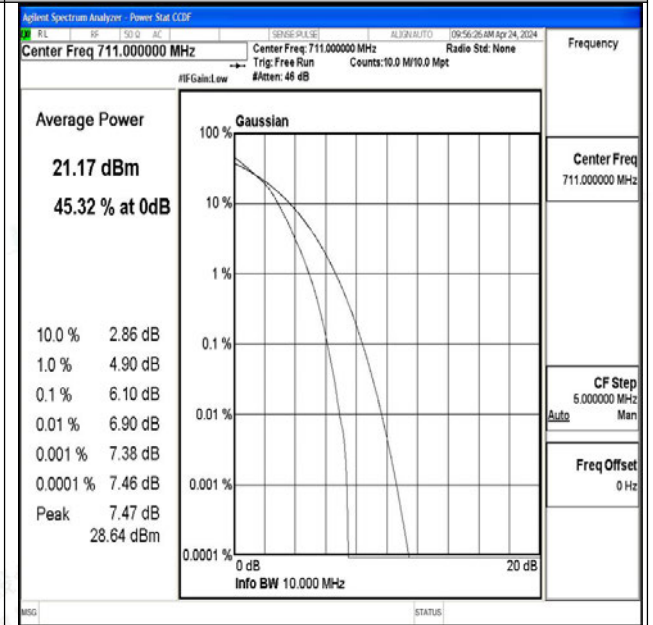
Band12-10MHz-QPSK-23130-1RB#0-PASS



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



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



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





D.3 26dB Bandwidth and Occupied Bandwidth

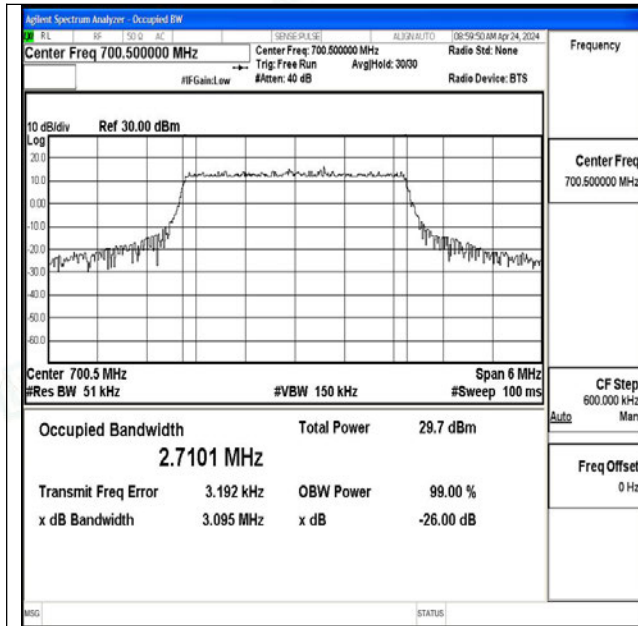
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	3MHz	QPSK	23025	15RB#0	2.7101	3.095	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6965	3.041	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7089	3.095	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6980	3.045	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7145	3.190	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7038	3.058	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0927	1.298	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0989	1.275	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0979	1.297	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1079	1.308	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0971	1.283	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1074	1.281	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5223	5.307	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5090	5.433	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5286	5.322	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5222	5.304	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5223	5.342	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5157	5.252	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0088	10.03	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9804	10.19	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9868	9.890	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9878	10.07	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0042	10.11	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9815	10.03	PASS

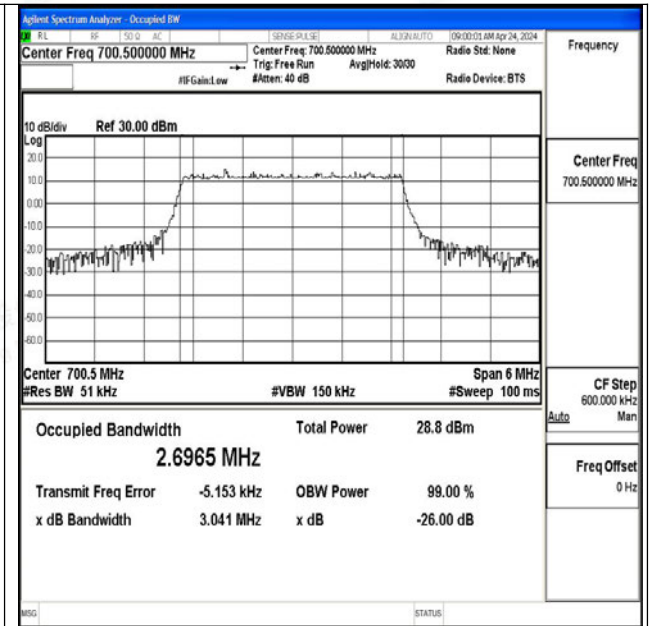




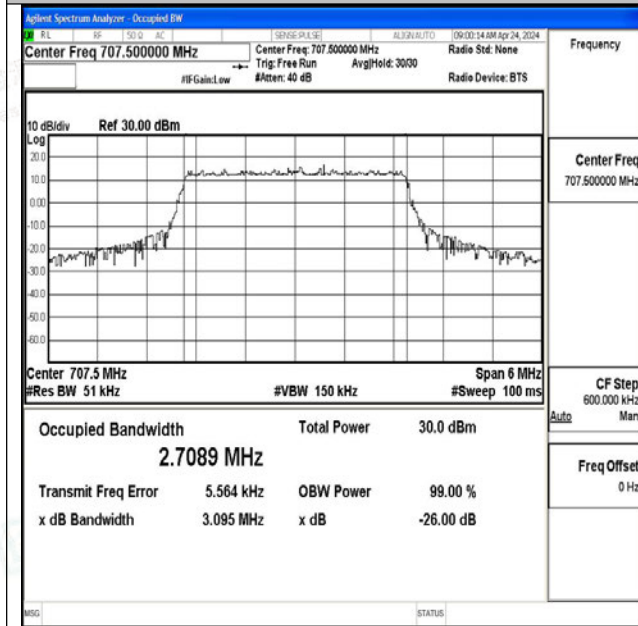
Test Graphs



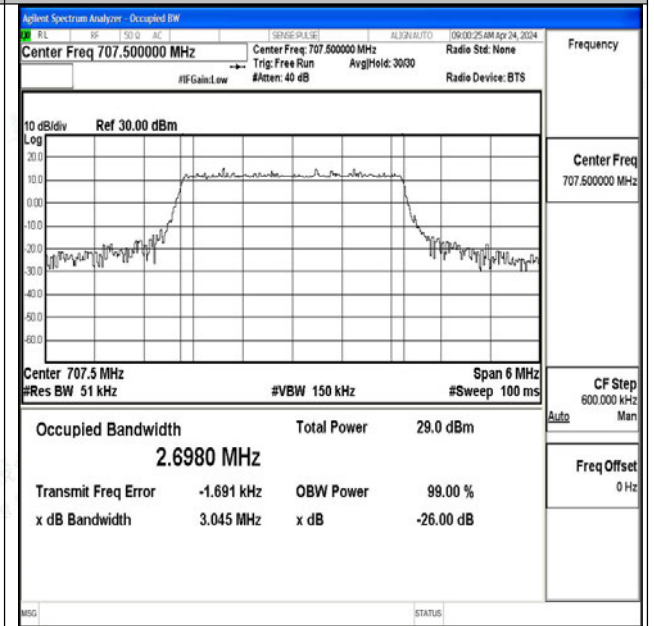
Band12-3MHz-QPSK-23025-15RB#0-PASS



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

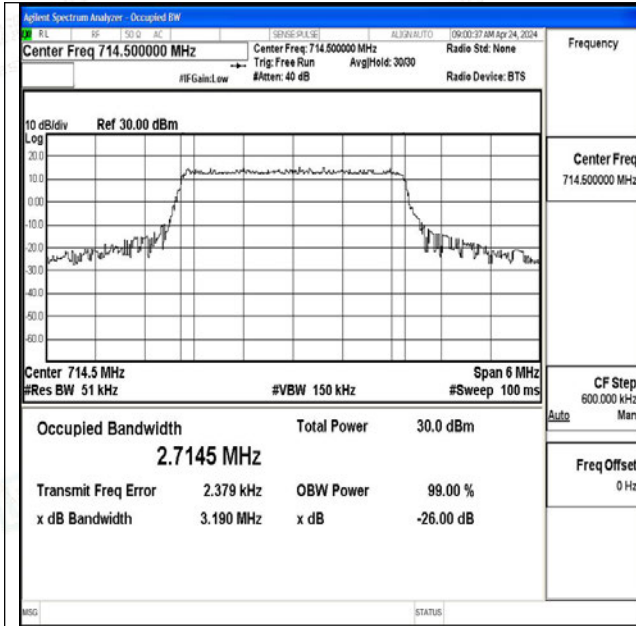


Band12-3MHz-QPSK-23095-15RB#0-PASS

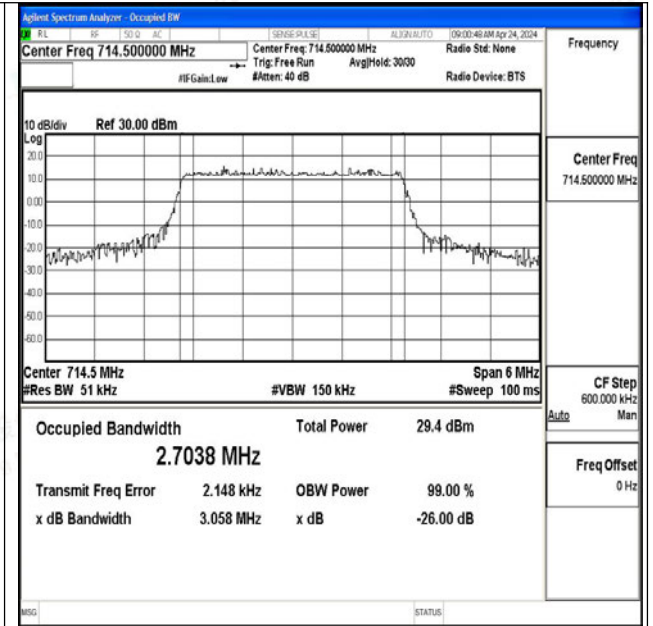


Band12-3MHz-16QAM-23095-15RB#0-PASS

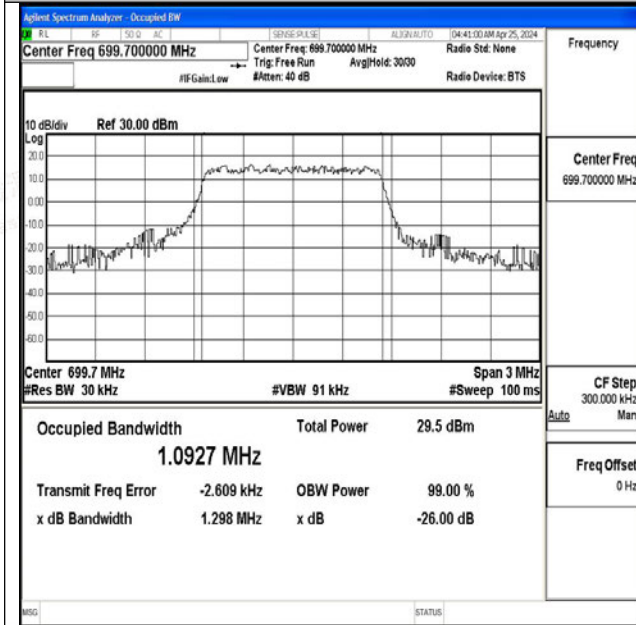




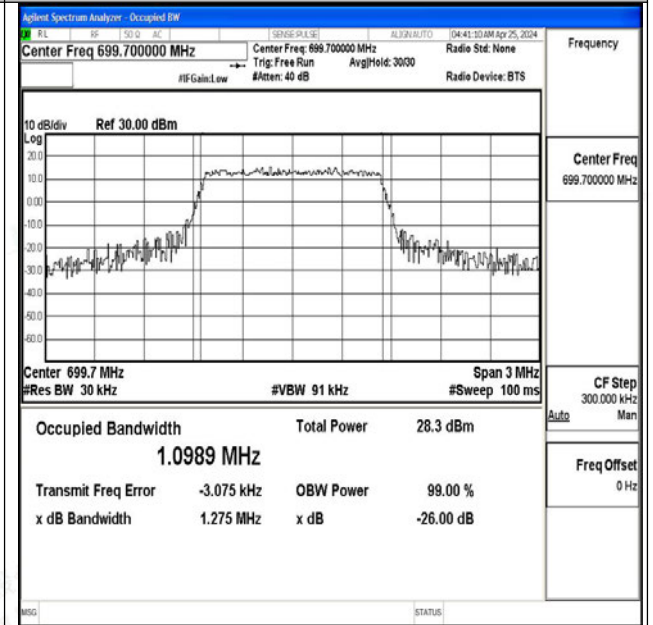
Band12-3MHz-QPSK-23165-15RB#0-PASS



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

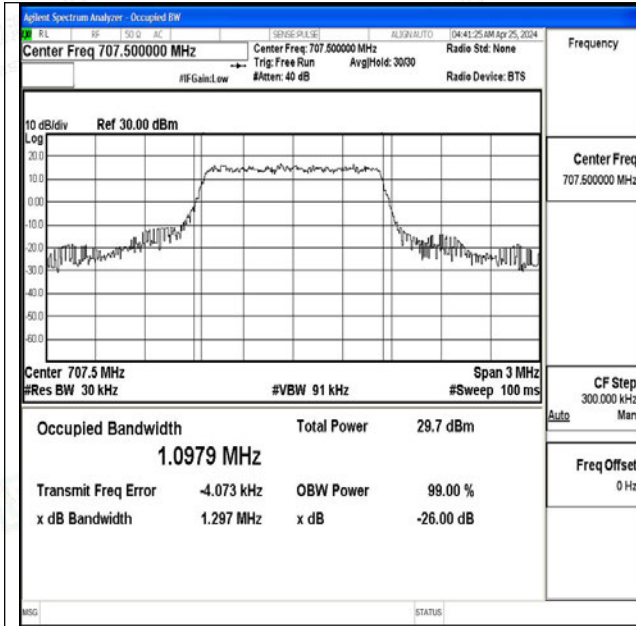


Band12-1.4MHz-QPSK-23017-6RB#0-PASS

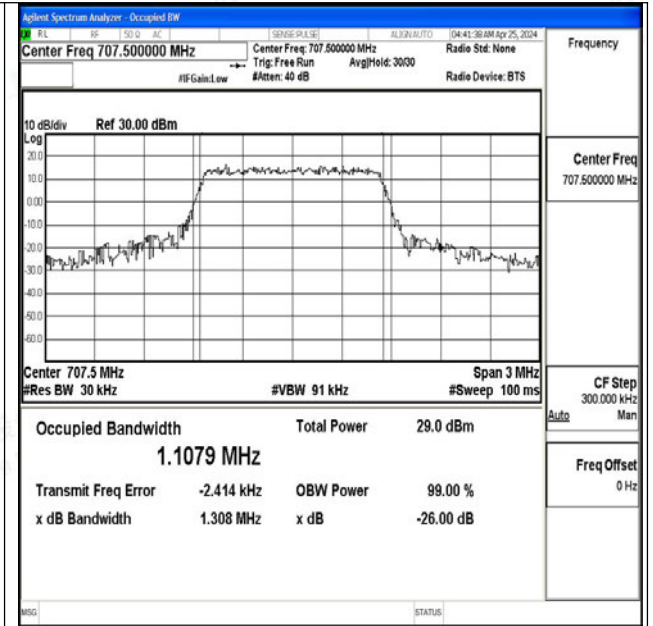


Band12-1.4MHz-16QAM-23017-6RB#0-PASS

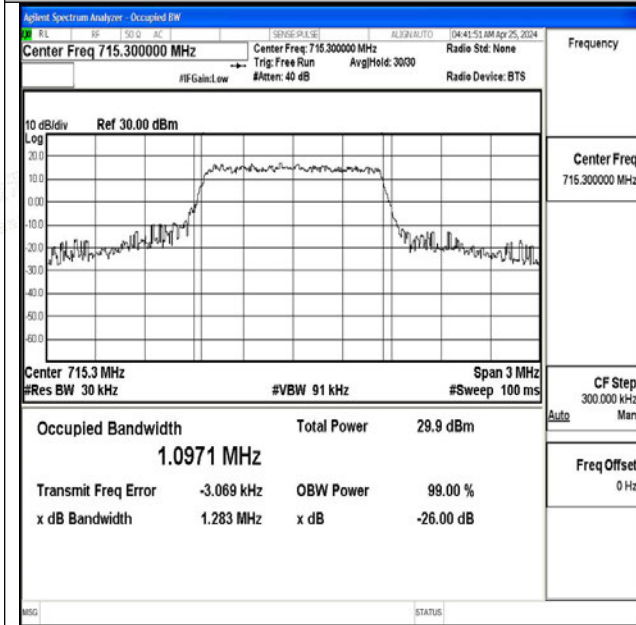




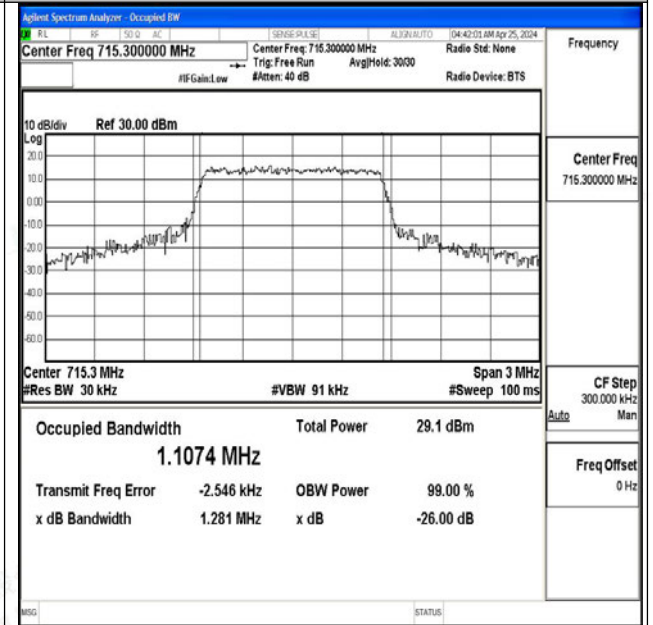
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



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

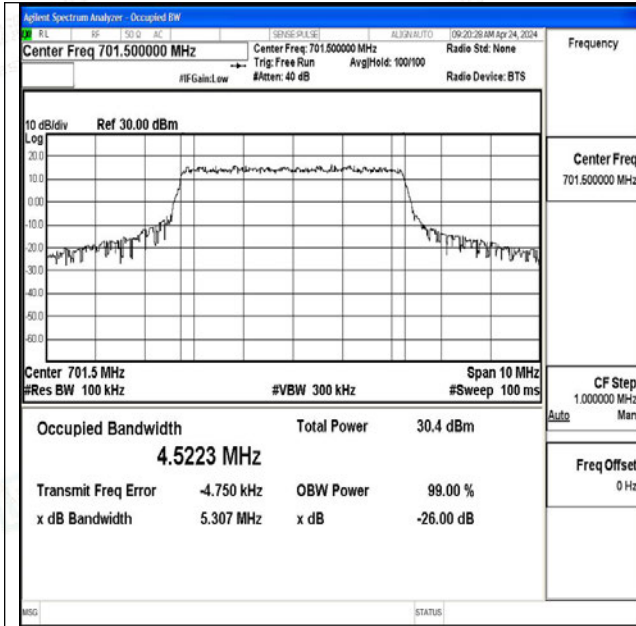


Band12-1.4MHz-QPSK-23173-6RB#0-PASS

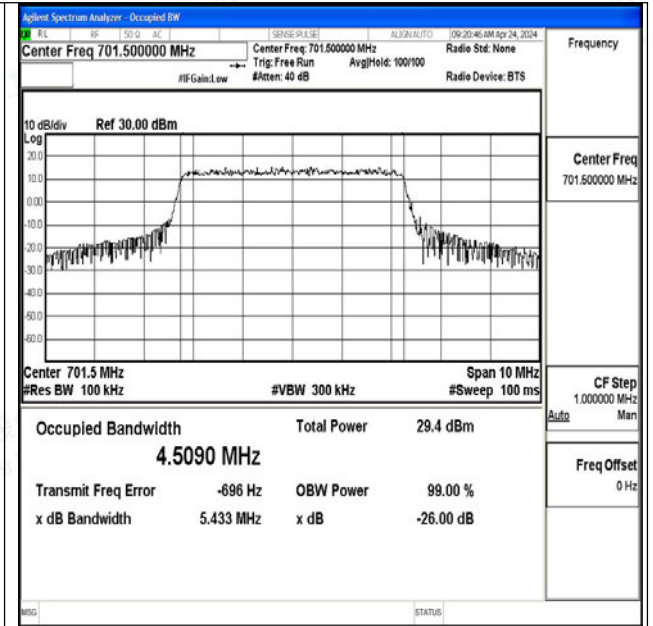


Band12-1.4MHz-16QAM-23173-6RB#0-PASS

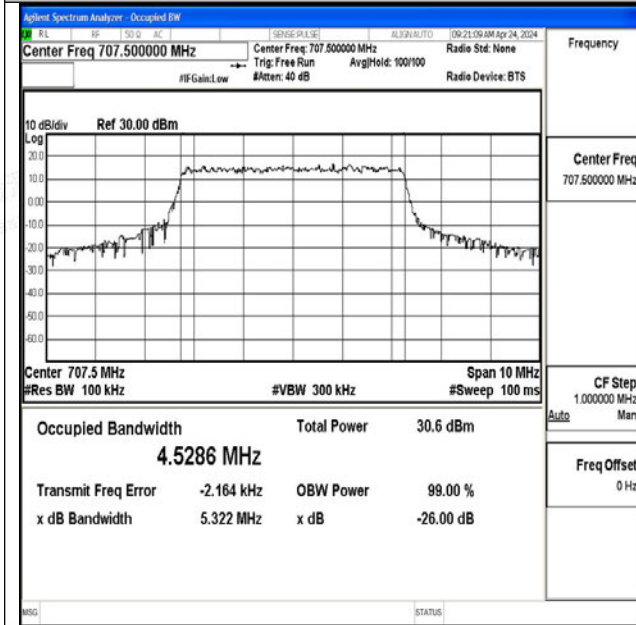




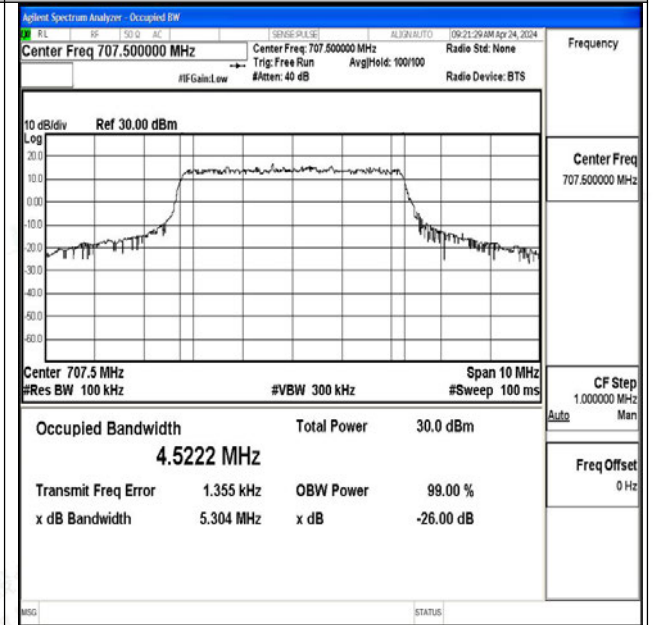
Band12-5MHz-QPSK-23035-25RB#0-PASS



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

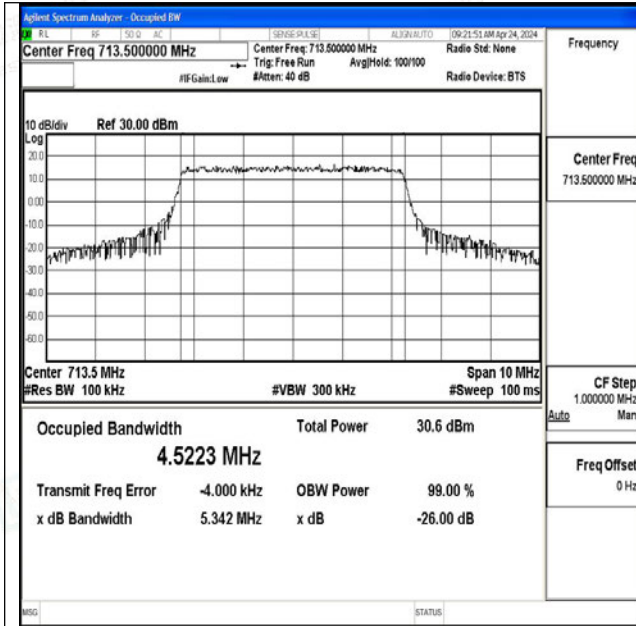


Band12-5MHz-QPSK-23095-25RB#0-PASS

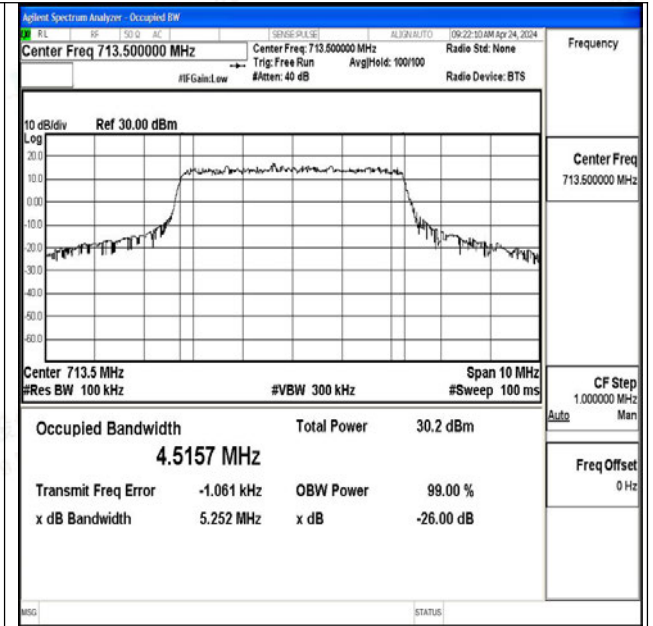


Band12-5MHz-16QAM-23095-25RB#0-PASS

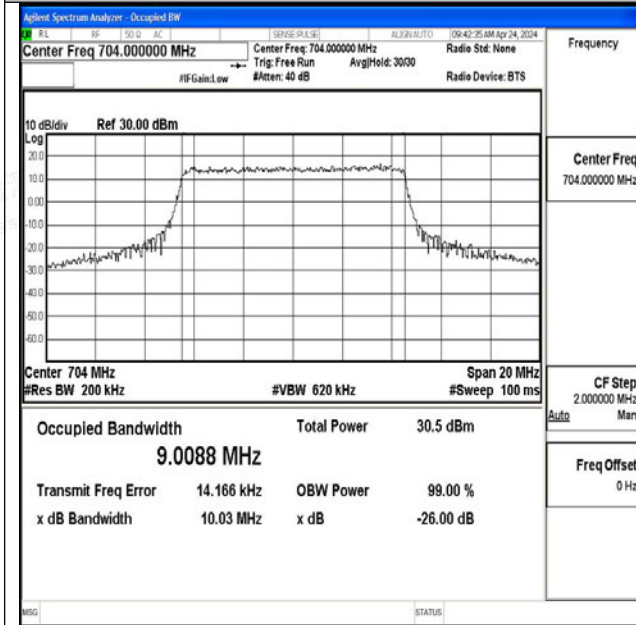




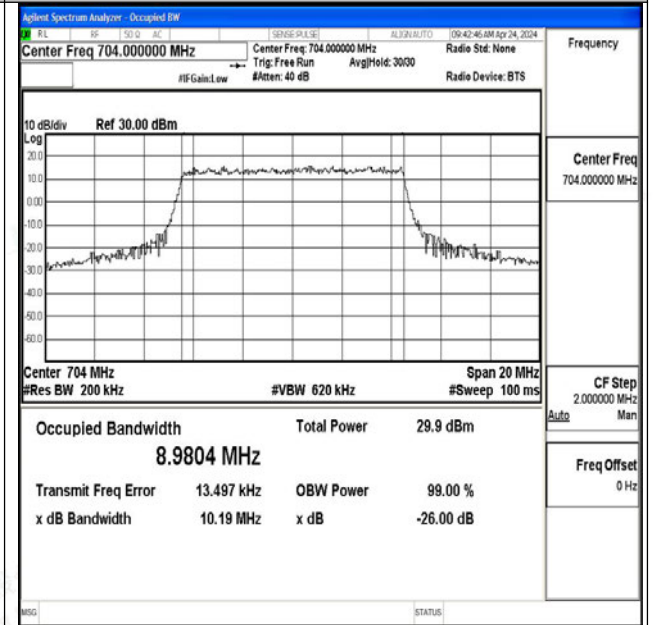
Band12-5MHz-QPSK-23155-25RB#0-PASS



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

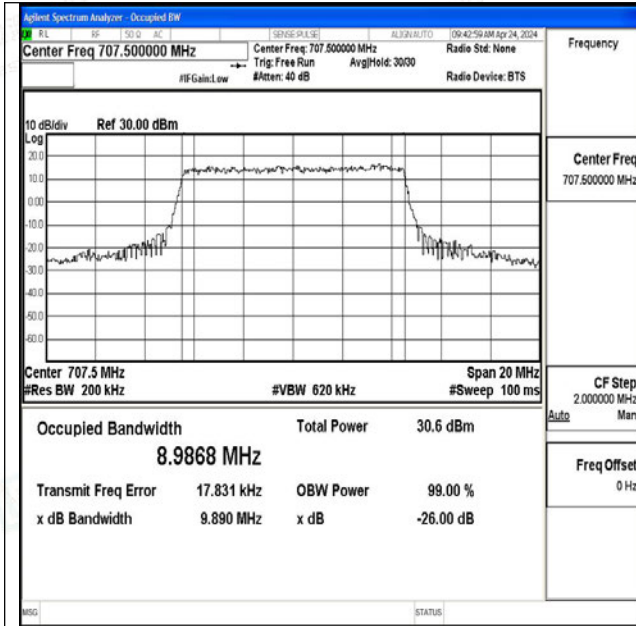


Band12-10MHz-QPSK-23060-50RB#0-PASS

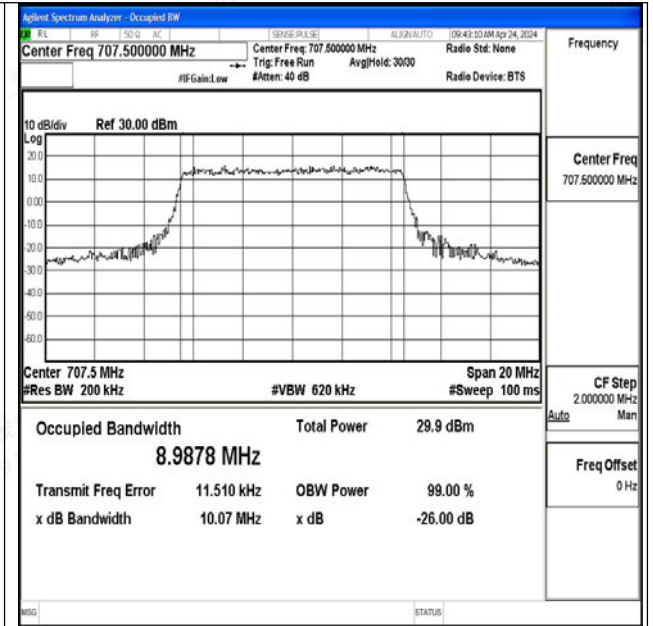


Band12-10MHz-16QAM-23060-50RB#0-PASS

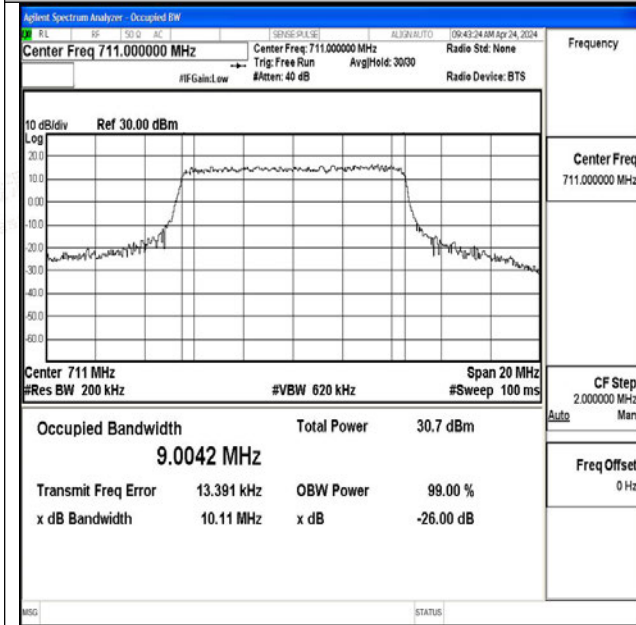




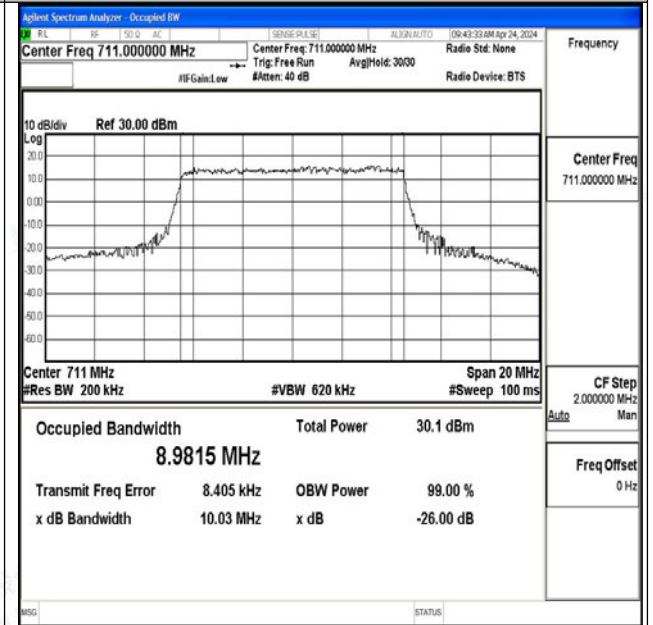
Band12-10MHz-QPSK-23095-50RB#0-PASS



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



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



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



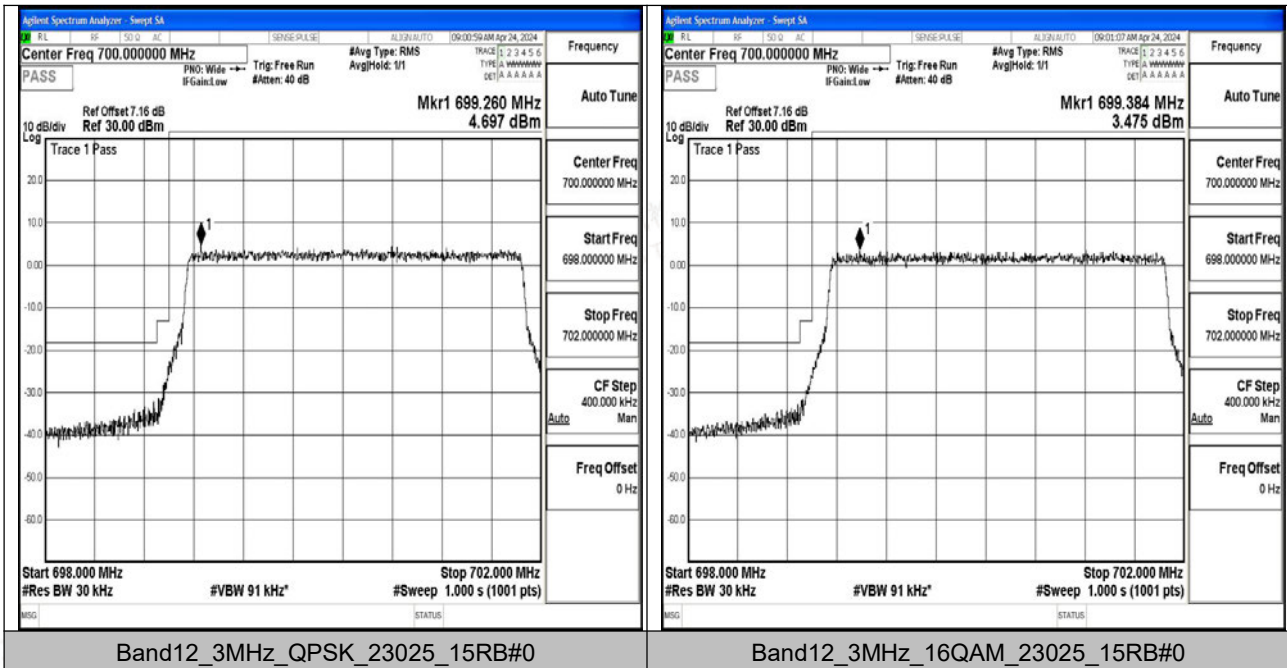


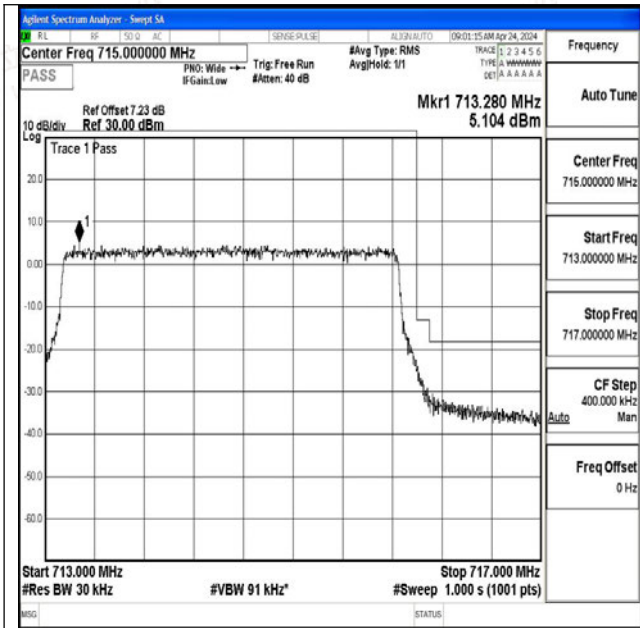
D.4 Band Edge

Test Result

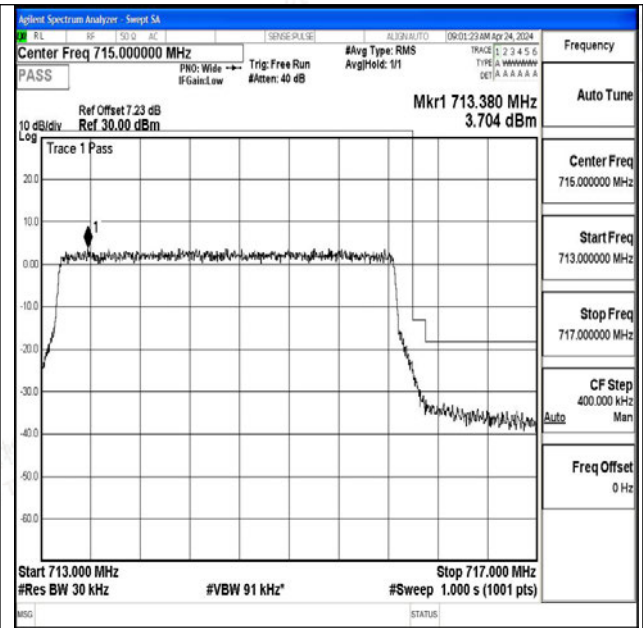
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	3MHz	QPSK	23025	15RB#0	-23.90	PASS
Band12	3MHz	16QAM	23025	15RB#0	-25.90	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.09	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	-35.13	PASS
Band12	5MHz	16QAM	23035	25RB#0	-35.99	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-27.93	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.75	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	-34.45	PASS
Band12	5MHz	16QAM	23155	25RB#0	-33.23	PASS
Band12	10MHz	QPSK	23060	50RB#0	-39.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	-40.13	PASS
Band12	10MHz	QPSK	23130	50RB#0	-40.78	PASS
Band12	10MHz	16QAM	23130	50RB#0	-40.67	PASS

Test Graphs

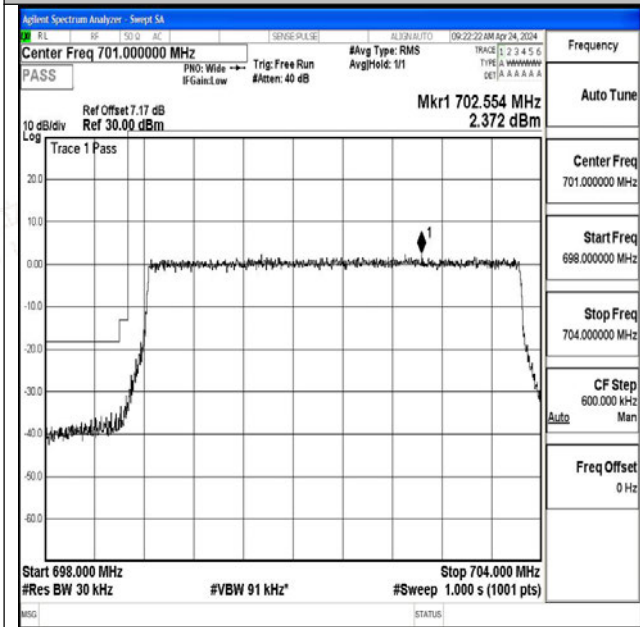




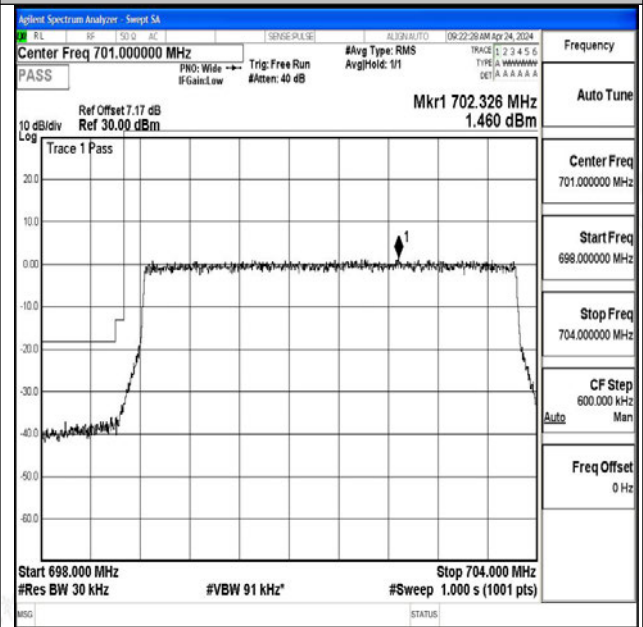
Band12_3MHz_QPSK_23165_15RB#0



Band12_3MHz_16QAM_23165_15RB#0

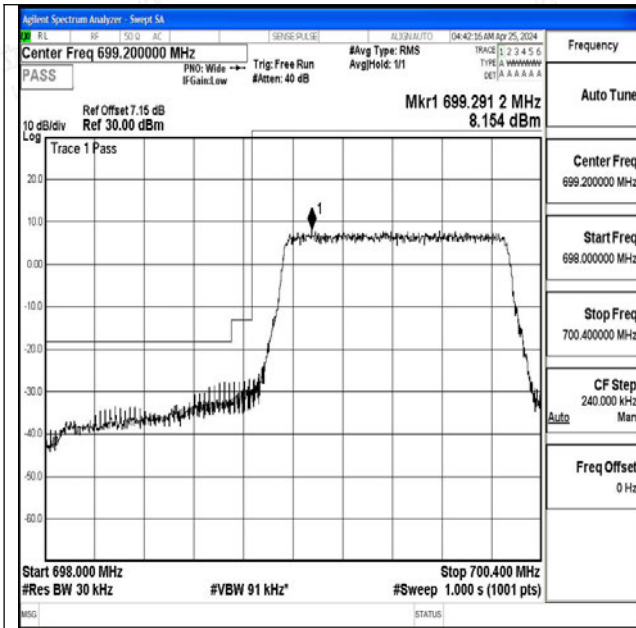


Band12_5MHz_QPSK_23035_25RB#0

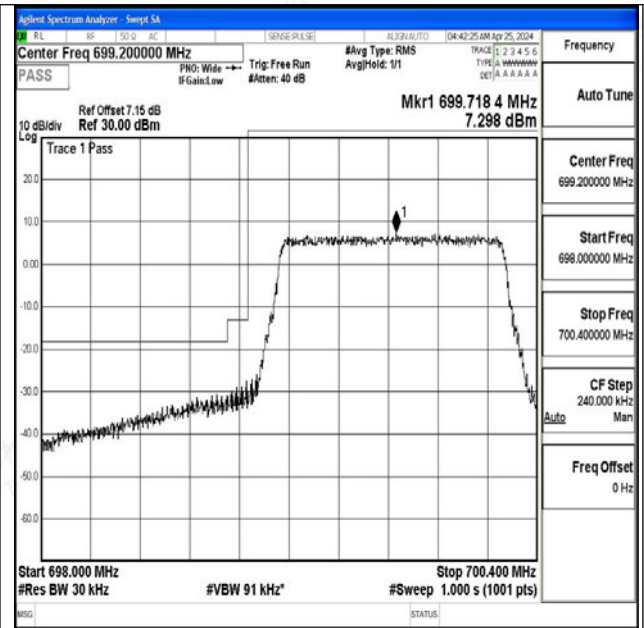


Band12_5MHz_16QAM_23035_25RB#0

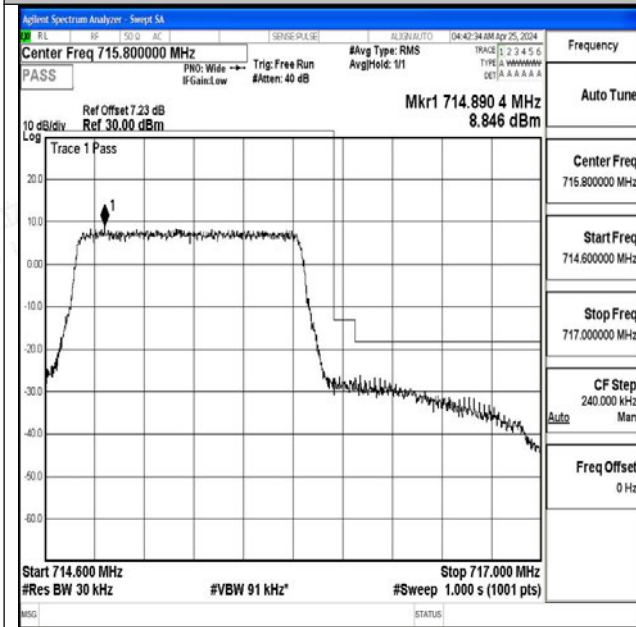




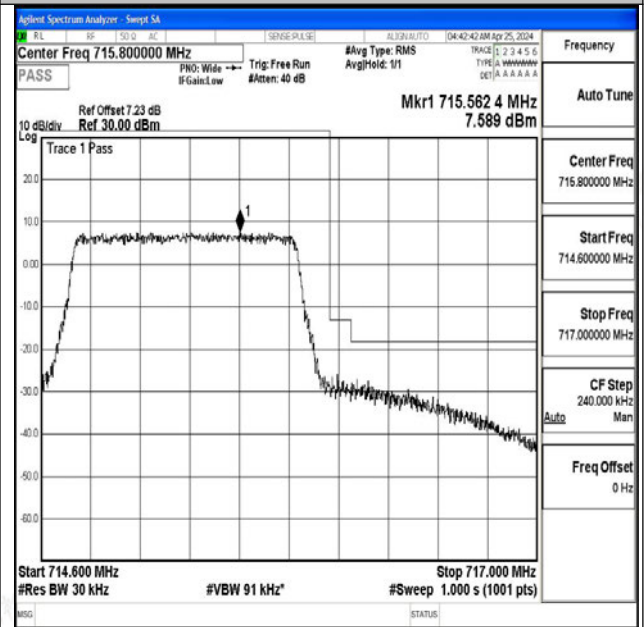
Band12_1.4MHz_QPSK_23017_6RB#0



Band12_1.4MHz_16QAM_23017_6RB#0



Band12_1.4MHz_QPSK_23173_6RB#0



Band12_1.4MHz_16QAM_23173_6RB#0



