

Test Data for E-UTRA Band 12

EUT: <u>iMat @Weigh -30 Smart office Vending machine</u>	Test Model: <u>W80-30</u>
Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u>	
Test Engineer: <u>Jack Zhou</u>	

Contents

Appendix A: Effective (Isotropic) Radiated Power Output Data	3
Test Result.....	3
Appendix B: Peak-to-Average Ratio(CCDF).....	8
Test Result.....	8
Test Graphs.....	10
Appendix C: 26dB Bandwidth and Occupied Bandwidth	27
Test Result.....	27
Test Graphs.....	28
Appendix D: Band Edge	37
Test Result.....	37
Test Graphs.....	38
Appendix E: Conducted Spurious Emission.....	55
Test Result.....	55
Test Graphs.....	57
Appendix F: Frequency Stability.....	74
Test Result.....	74
Appendix G: Modulation Characteristics	84
Test Result.....	84
Test Graphs.....	85

Appendix A: 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	24.41	22.01	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.21	21.81	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.22	21.82	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.10	21.70	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.06	21.66	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.04	21.64	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.32	20.92	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.97	21.57	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.95	21.55	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.20	21.80	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.04	21.64	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.13	21.73	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.03	21.63	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.00	20.60	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.61	22.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.66	22.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.70	22.30	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.49	22.09	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.38	21.98	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.53	22.13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.48	21.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.58	21.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.40	21.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.35	20.95	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.05	20.65	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.01	20.61	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.94	20.54	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.37	19.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.20	20.80	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.35	20.95	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.25	20.85	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	22.92	20.52	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.90	20.50	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.96	20.56	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.16	19.76	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.69	21.29	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.88	21.48	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.67	21.27	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.33	20.93	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.24	20.84	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.31	20.91	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.57	20.17	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.93	21.53	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.95	21.55	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.03	21.63	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.36	20.96	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.36	20.96	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.32	20.92	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.21	20.81	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.85	21.45	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.01	21.61	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.95	21.55	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.01	20.61	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.11	20.71	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.10	20.70	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.08	22.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.26	21.81	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.37	21.82	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.36	21.70	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.43	21.66	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.44	21.64	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.48	20.92	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.43	21.57	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.11	21.55	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.12	21.80	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.87	21.64	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.54	21.73	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.34	21.63	PASS

Band12	3MHz	16QAM	23025	8RB#7	22.20	20.60	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.31	22.21	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.80	22.26	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.18	22.30	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.16	22.09	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.14	21.98	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.14	22.13	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.15	21.08	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.90	21.18	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.39	21.00	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.32	20.95	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.30	20.65	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.40	20.61	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.69	20.54	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.47	19.97	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.36	20.80	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.91	20.95	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.26	20.85	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.80	20.52	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.13	20.50	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.24	20.56	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.93	19.76	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.05	21.29	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.03	21.48	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.33	21.27	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.08	20.93	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.14	20.84	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.02	20.91	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.14	20.17	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.06	21.53	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.18	21.55	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.36	21.63	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.37	20.96	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.36	20.96	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.35	20.92	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.39	20.81	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.34	21.45	PASS

Band12	5MHz	16QAM	23035	1RB#0	22.87	21.61	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.70	21.55	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.81	20.61	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.16	20.71	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.16	20.70	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.85	22.01	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.17	21.81	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.85	21.82	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.99	21.70	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.26	21.66	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.10	21.64	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.10	20.92	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.02	21.57	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.05	21.55	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.97	21.80	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.02	21.64	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.10	21.73	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.28	21.63	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.37	20.60	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.33	22.21	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.18	22.26	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.06	22.30	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.15	22.09	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.68	21.98	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.03	22.13	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.03	21.08	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.98	21.18	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.97	21.00	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.45	20.95	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.36	20.65	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.98	20.61	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.01	20.54	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.02	19.97	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.10	20.80	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.02	20.95	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.67	20.85	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.39	20.52	PASS

Band12	10MHz	QPSK	23130	1RB#49	24.10	20.50	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.19	20.56	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.19	19.76	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.33	21.29	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.32	21.48	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.23	21.27	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.34	20.93	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.86	20.84	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.03	20.91	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.04	20.17	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.99	21.53	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.86	21.55	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.59	21.63	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.54	20.96	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.17	20.96	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.05	20.92	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.95	20.81	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.95	21.45	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.93	21.61	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.78	21.55	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.69	20.61	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.35	20.71	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.18	20.70	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.07	22.01	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.24	21.81	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.31	21.82	PASS

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

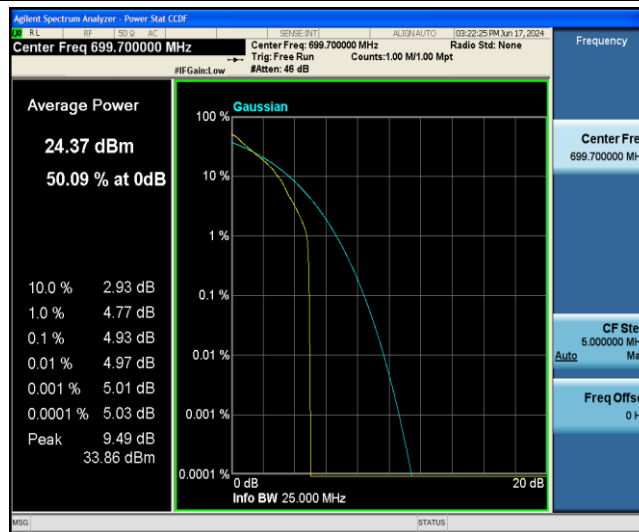
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.93	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.10	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.63	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.36	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.60	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.51	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.42	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.97	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.51	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.17	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.75	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.35	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.75	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.28	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.71	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.38	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.16	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.71	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.35	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.11	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.53	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.26	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.16	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.64	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.24	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.26	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.64	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.38	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.53	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.93	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.44	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.09	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.18	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.22	13	PASS

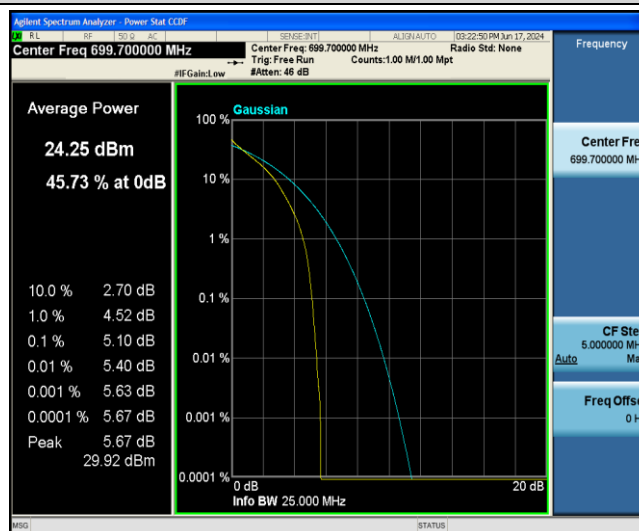
Band12	5MHz	16QAM	23155	25RB#0	5.76	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.17	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.32	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.72	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.36	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.91	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.18	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.13	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.13	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.21	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.04	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.06	13	PASS

Test Graphs

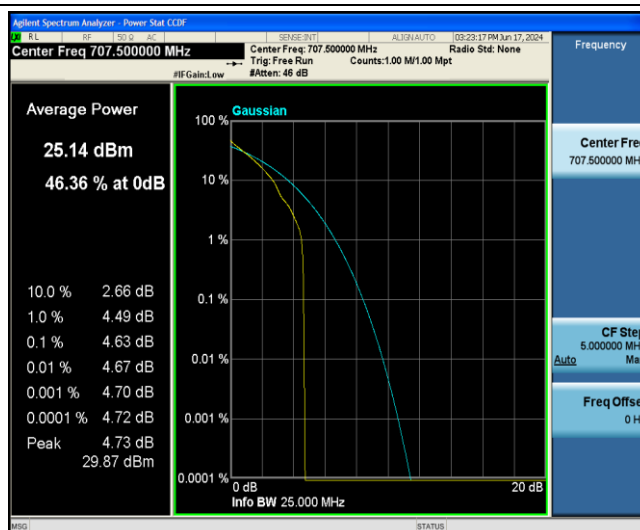
Band12-1.4MHz-QPSK-23017-1RB#0



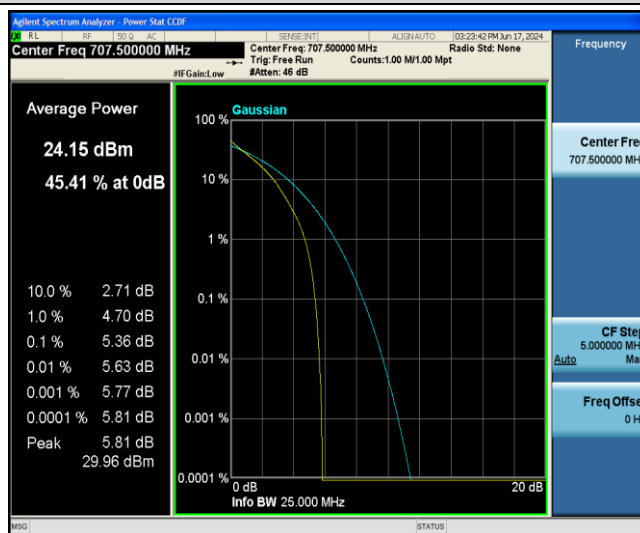
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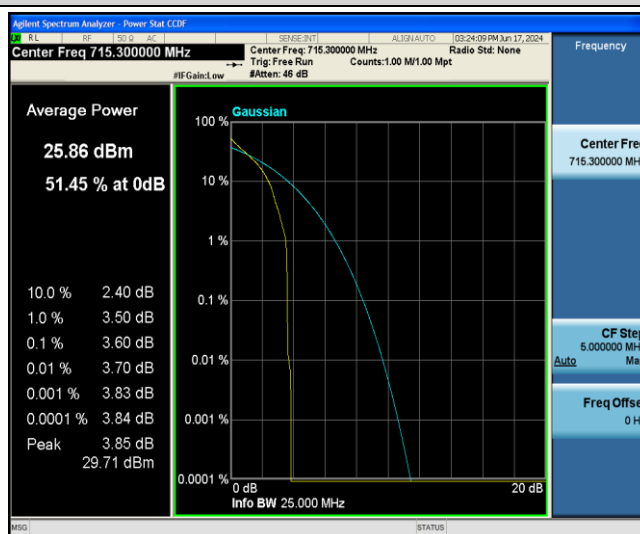
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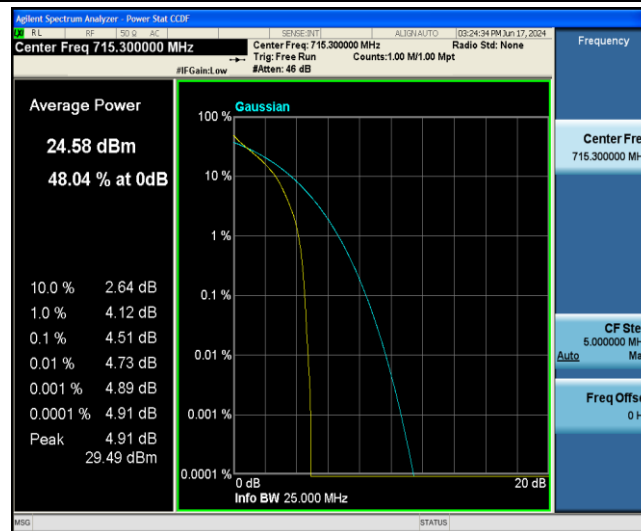
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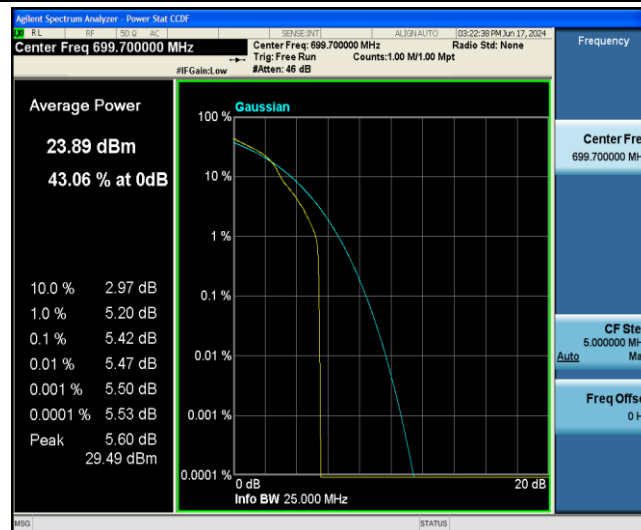
Band12-1.4MHz-QPSK-23173-1RB#0



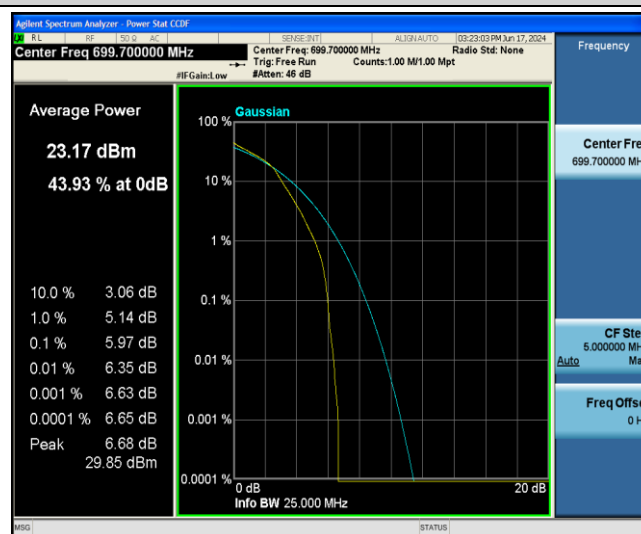
Band12-1.4MHz-QPSK-23173-6RB#0



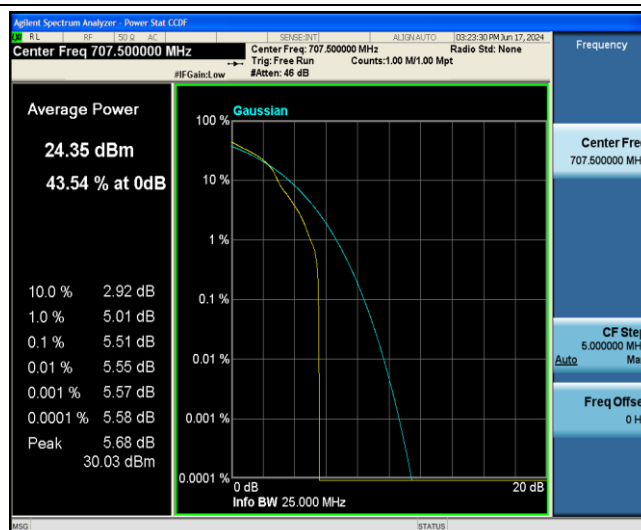
Band12-1.4MHz-16QAM-23017-1RB#0



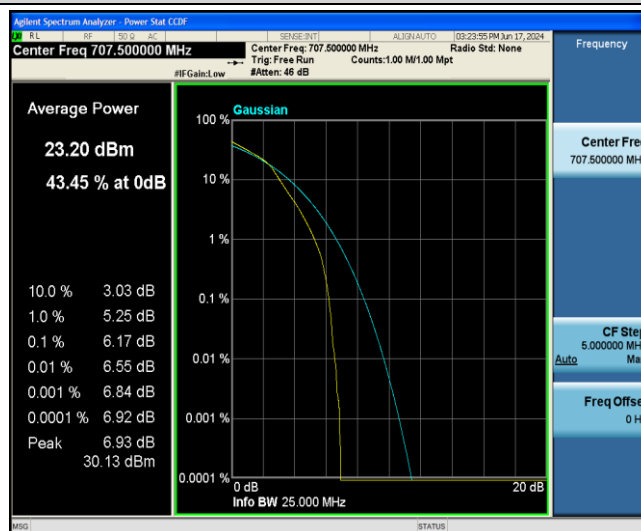
Band12-1.4MHz-16QAM-23017-6RB#0



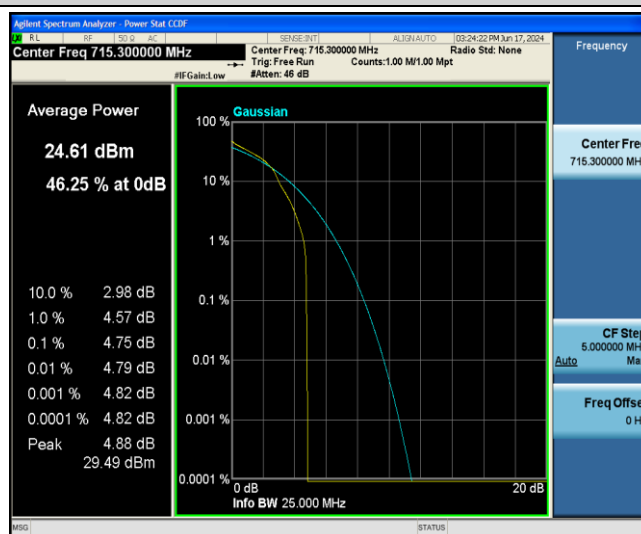
Band12-1.4MHz-16QAM-23095-1RB#0



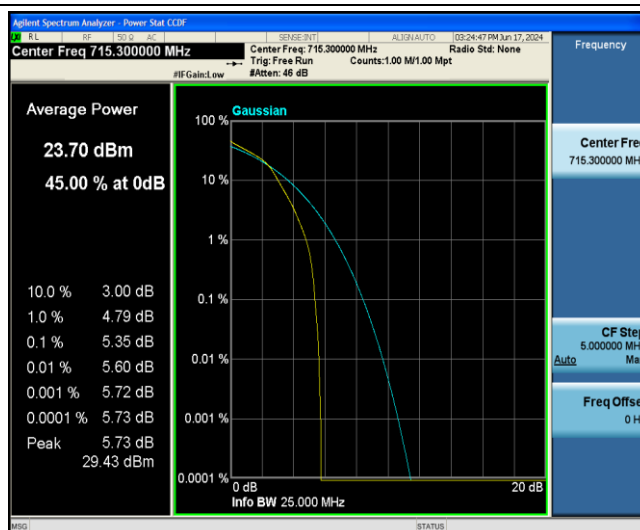
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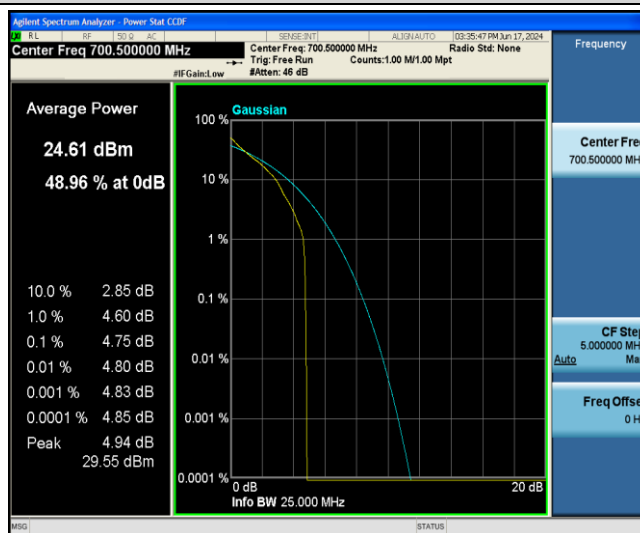
Band12-1.4MHz-16QAM-23173-1RB#0



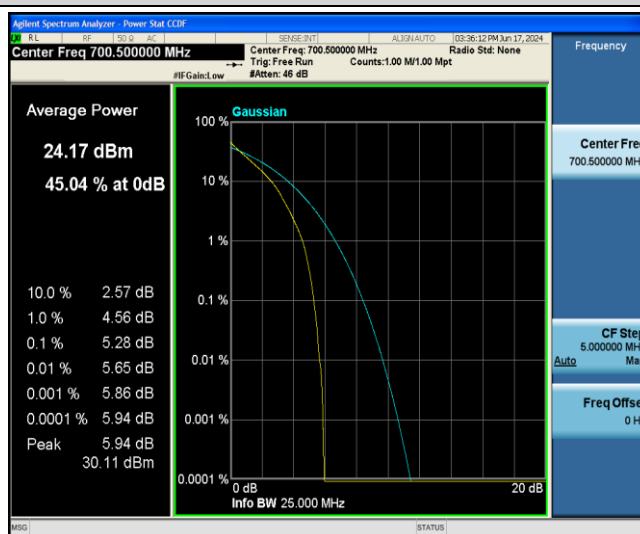
Band12-1.4MHz-16QAM-23173-6RB#0



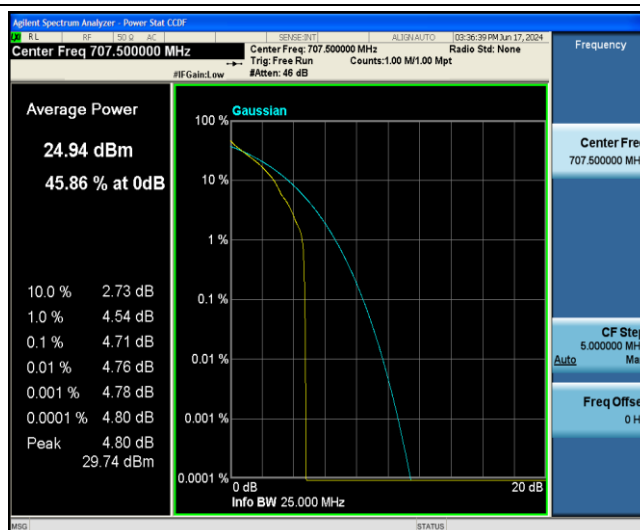
Band12-3MHz-QPSK-23025-1RB#0



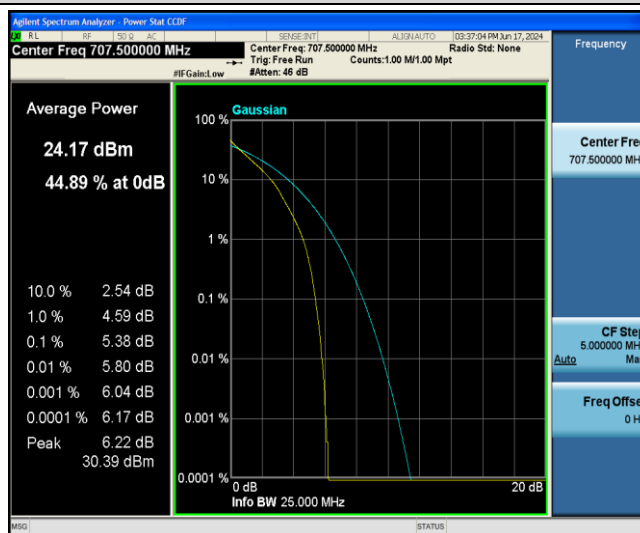
Band12-3MHz-QPSK-23025-15RB#0



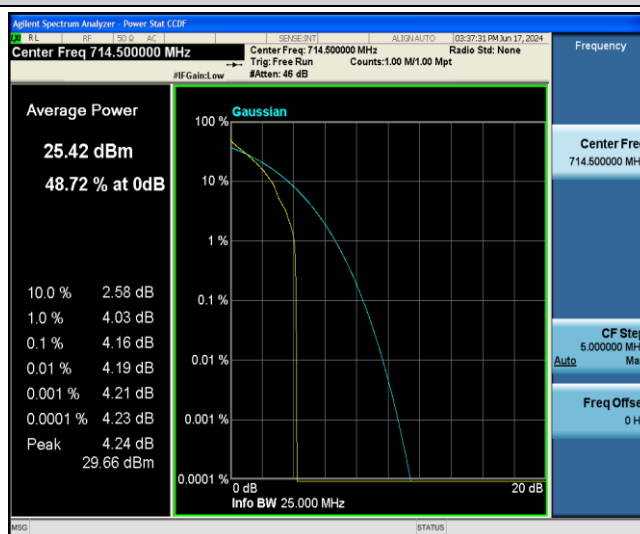
Band12-3MHz-QPSK-23095-1RB#0



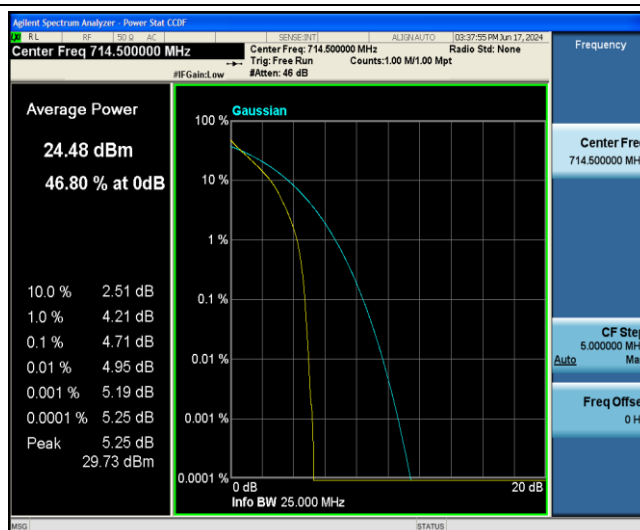
Band12-3MHz-QPSK-23095-15RB#0



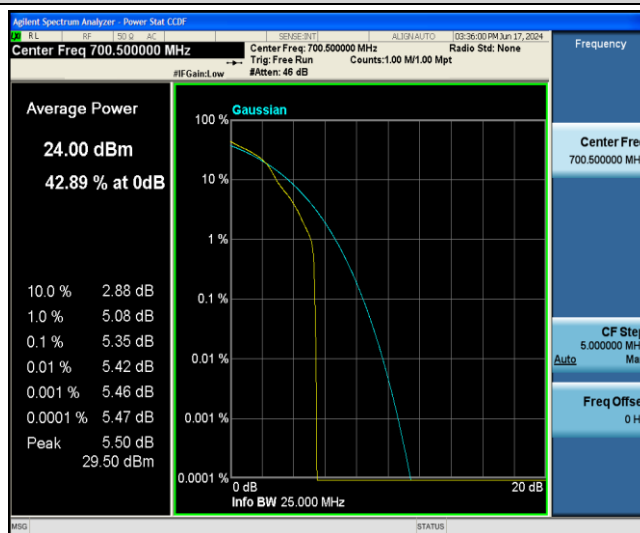
Band12-3MHz-QPSK-23165-1RB#0



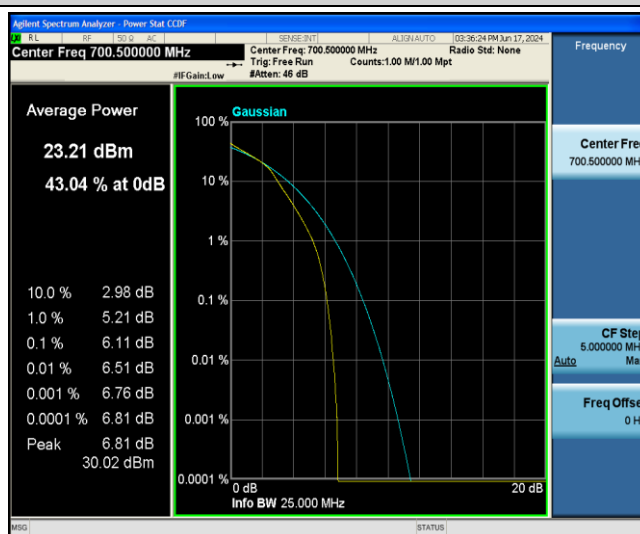
Band12-3MHz-QPSK-23165-15RB#0



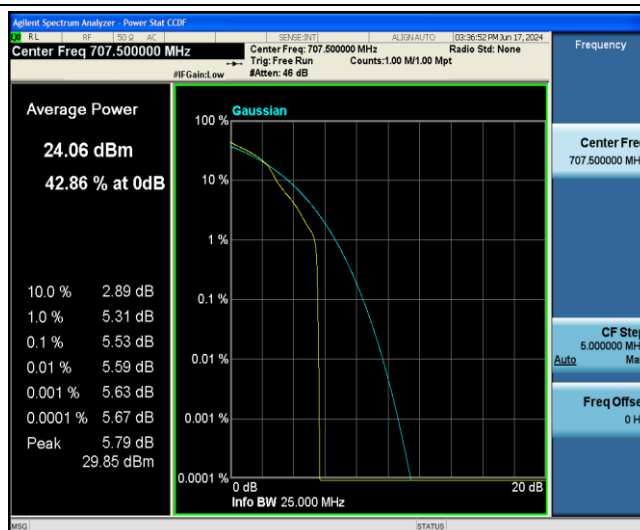
Band12-3MHz-16QAM-23025-1RB#0



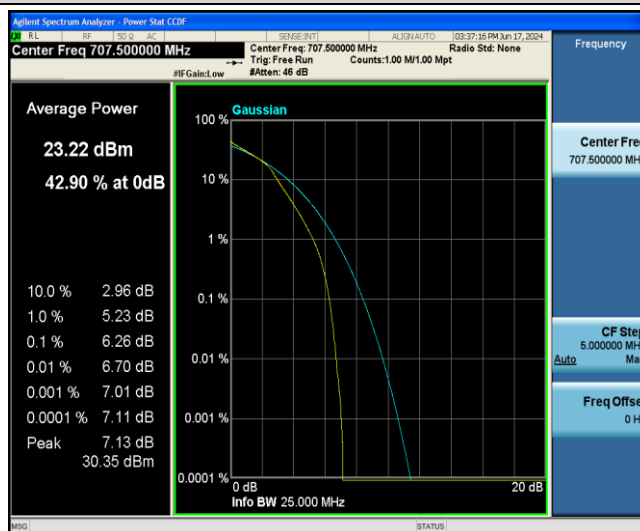
Band12-3MHz-16QAM-23025-15RB#0



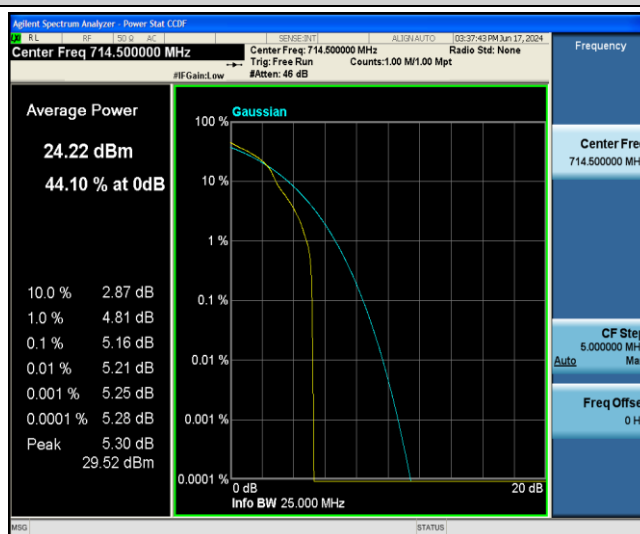
Band12-3MHz-16QAM-23095-1RB#0



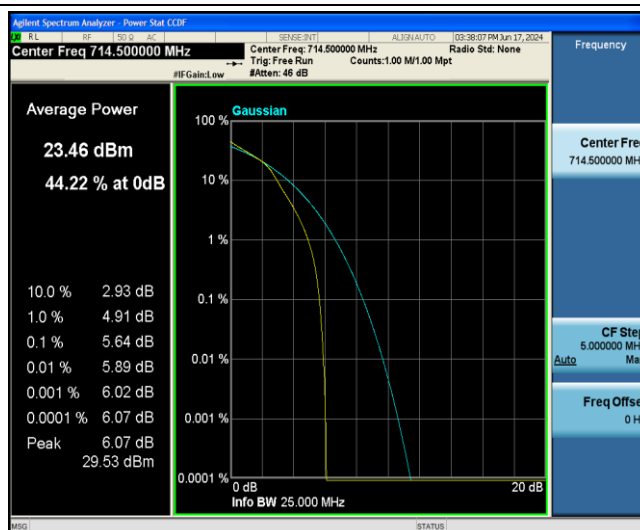
Band12-3MHz-16QAM-23095-15RB#0



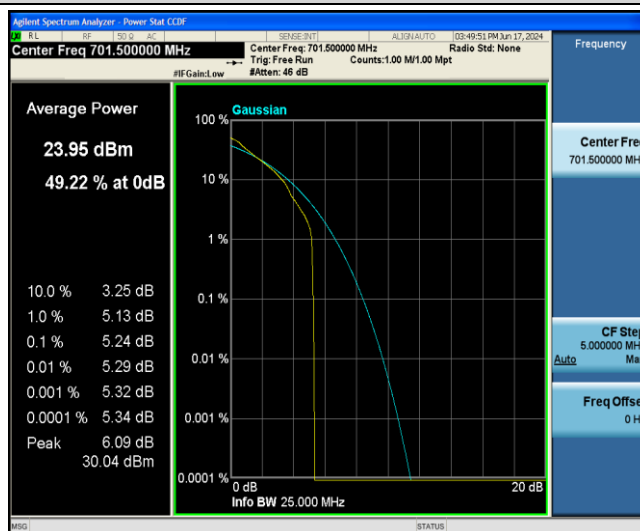
Band12-3MHz-16QAM-23165-1RB#0



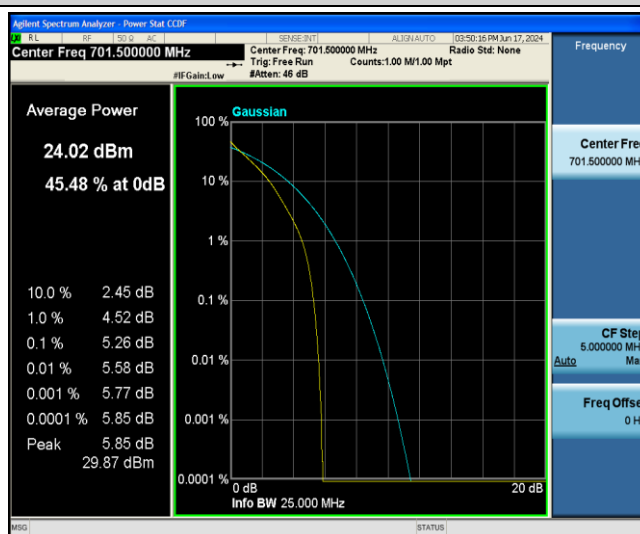
Band12-3MHz-16QAM-23165-15RB#0



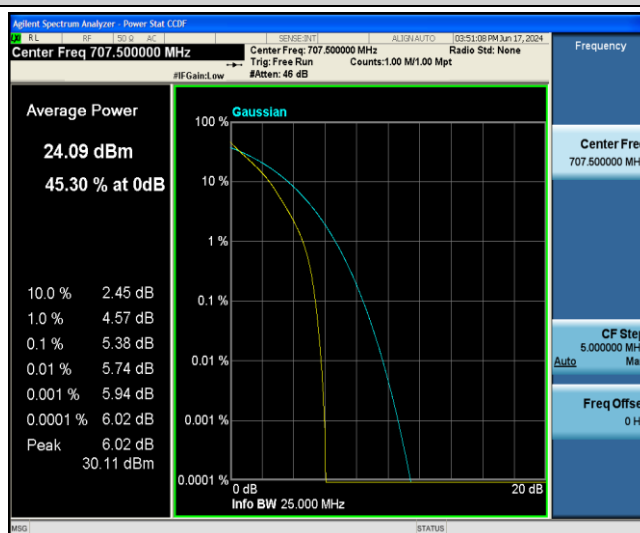
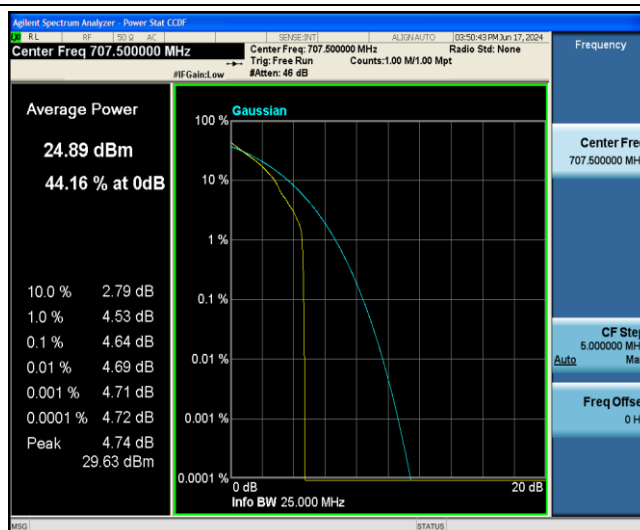
Band12-5MHz-QPSK-23035-1RB#0

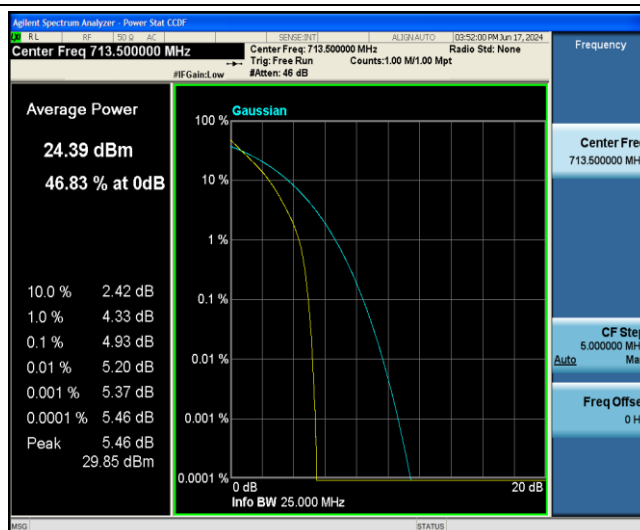


Band12-5MHz-QPSK-23035-25RB#0

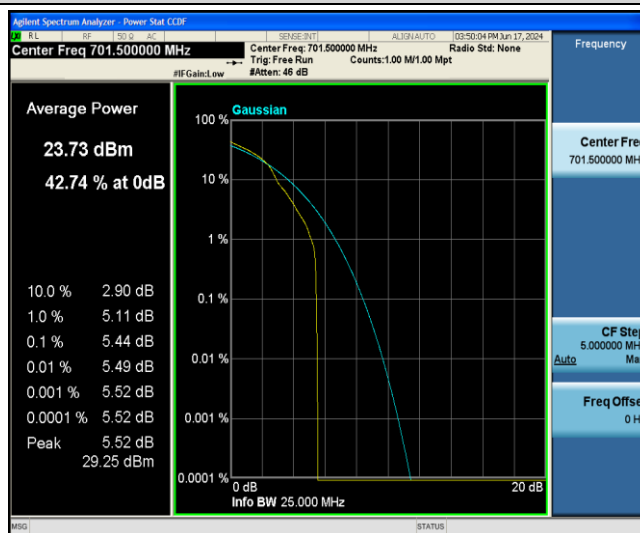


Band12-5MHz-QPSK-23095-1RB#0

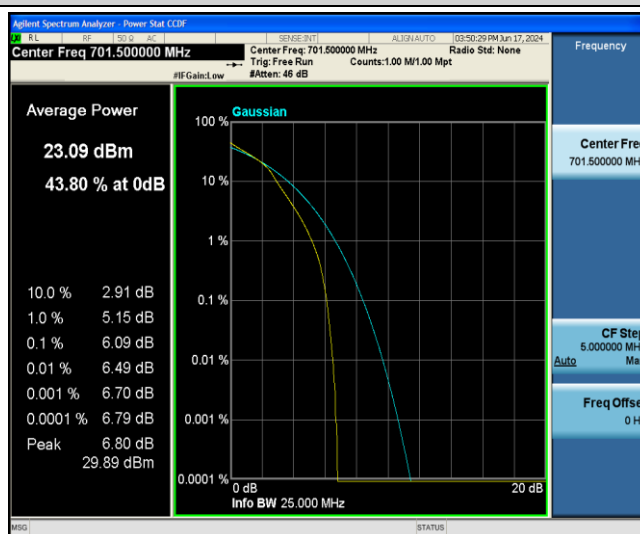




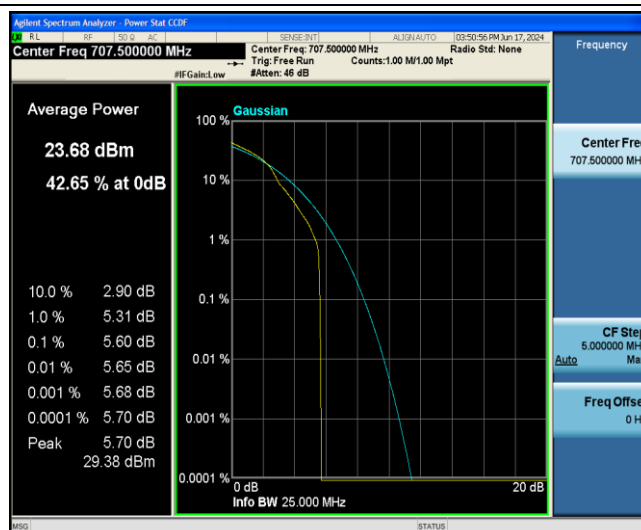
Band12-5MHz-16QAM-23035-1RB#0



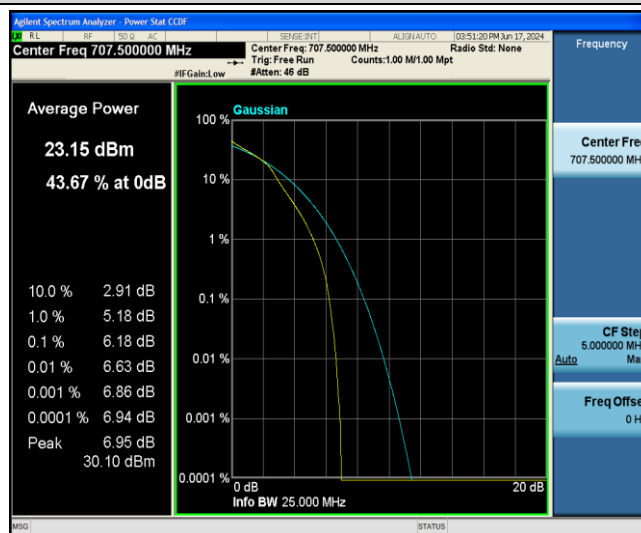
Band12-5MHz-16QAM-23035-25RB#0



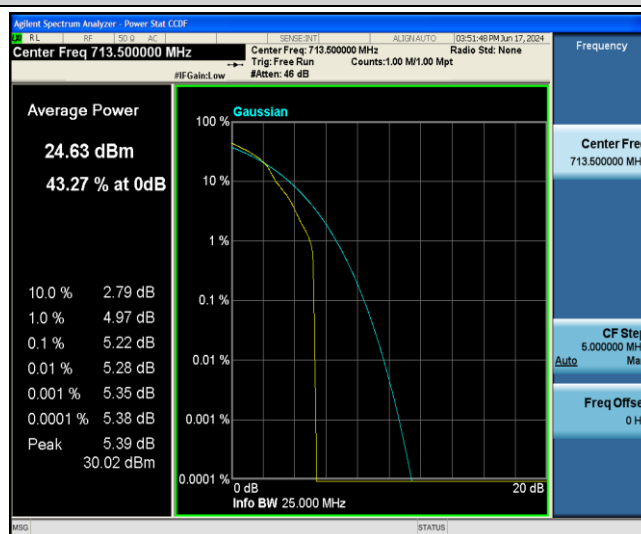
Band12-5MHz-16QAM-23095-1RB#0



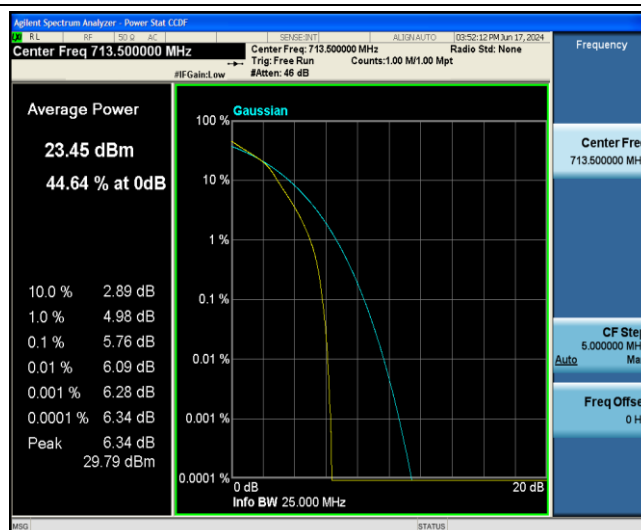
Band12-5MHz-16QAM-23095-25RB#0



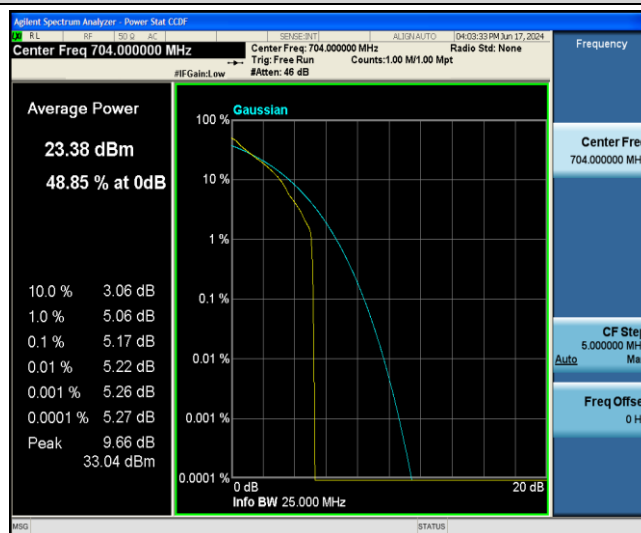
Band12-5MHz-16QAM-23155-1RB#0



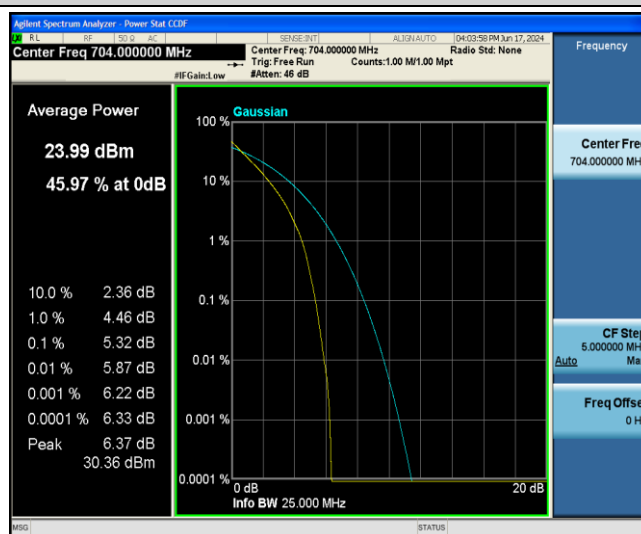
Band12-5MHz-16QAM-23155-25RB#0



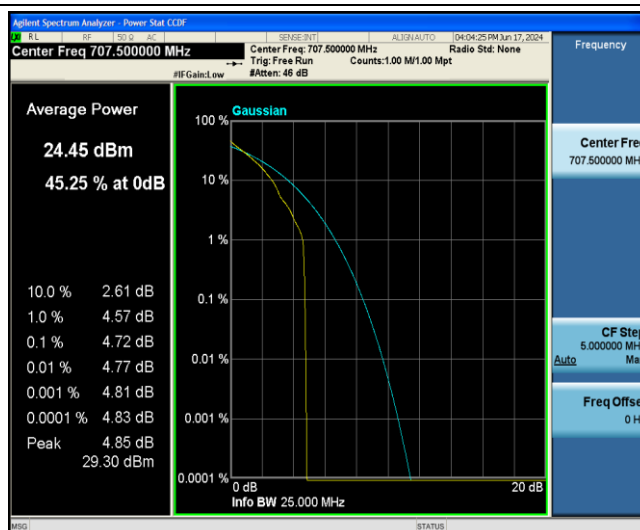
Band12-10MHz-QPSK-23060-1RB#0



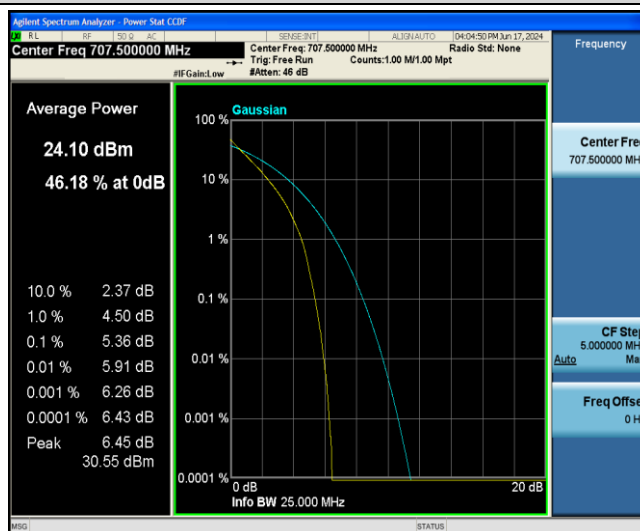
Band12-10MHz-QPSK-23060-50RB#0



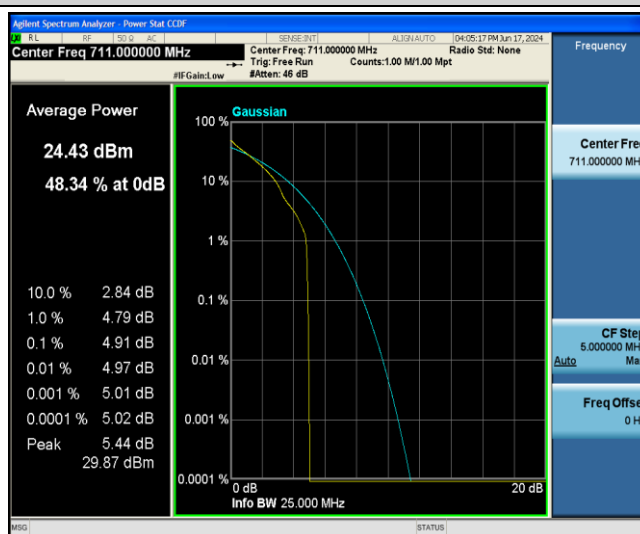
Band12-10MHz-QPSK-23095-1RB#0



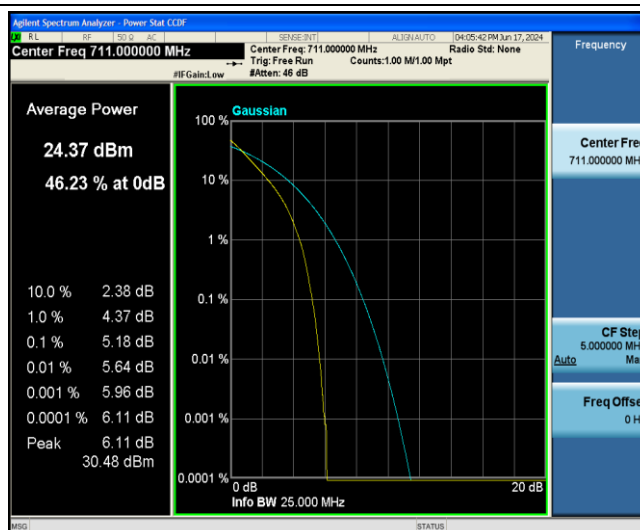
Band12-10MHz-QPSK-23095-50RB#0



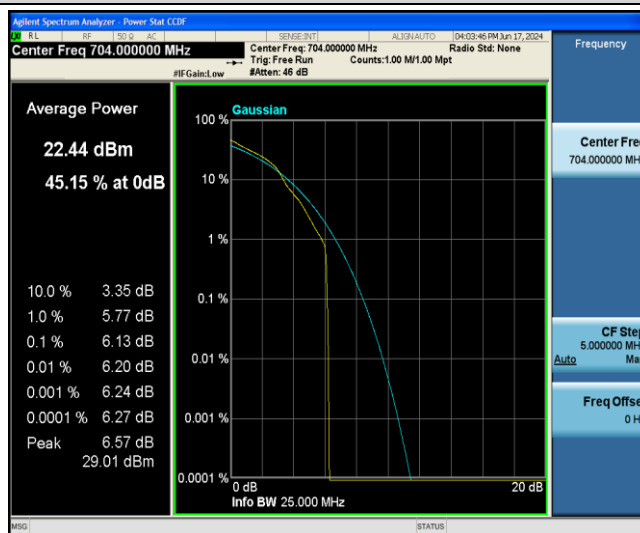
Band12-10MHz-QPSK-23130-1RB#0



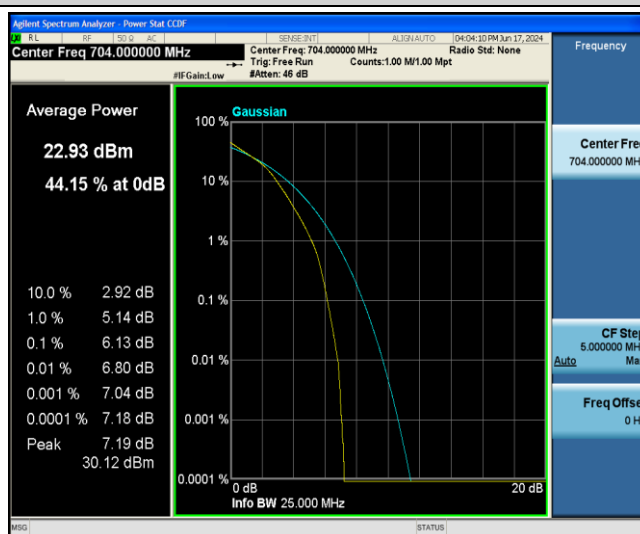
Band12-10MHz-QPSK-23130-50RB#0



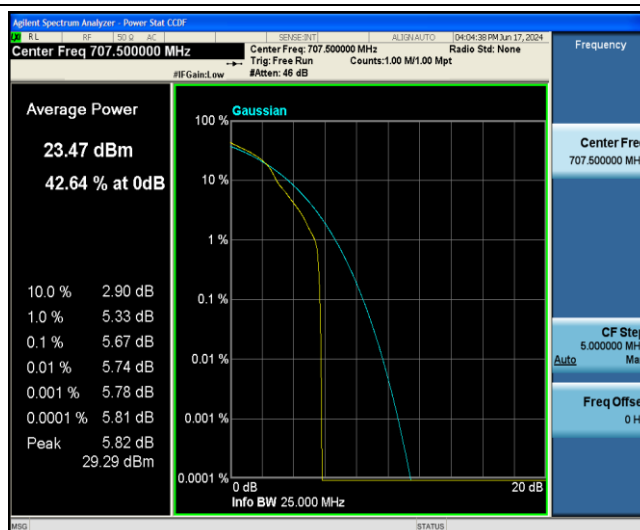
Band12-10MHz-16QAM-23060-1RB#0



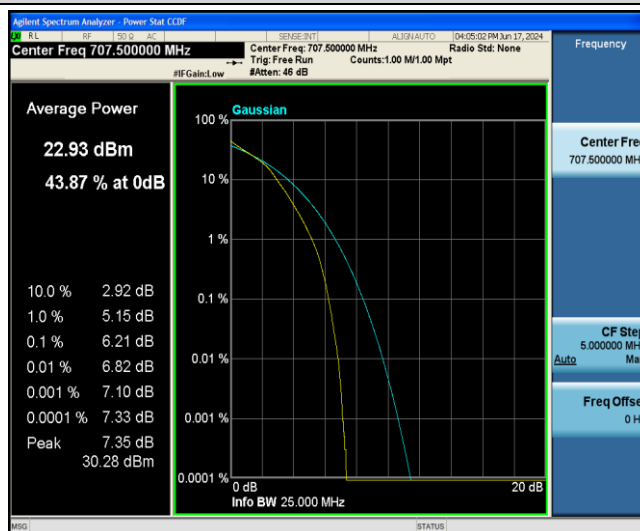
Band12-10MHz-16QAM-23060-50RB#0



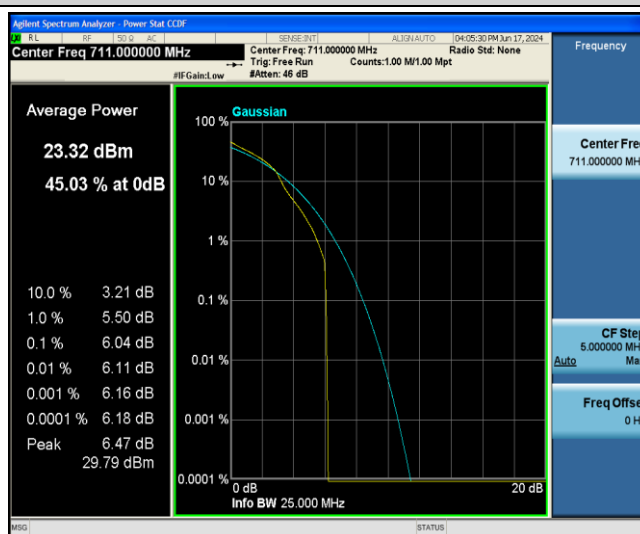
Band12-10MHz-16QAM-23095-1RB#0



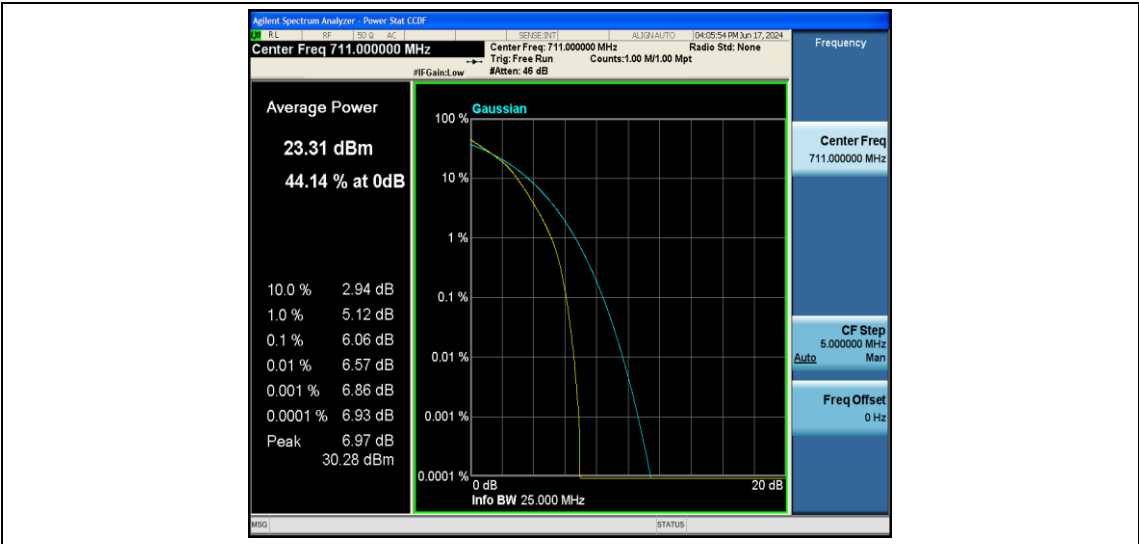
Band12-10MHz-16QAM-23095-50RB#0



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



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



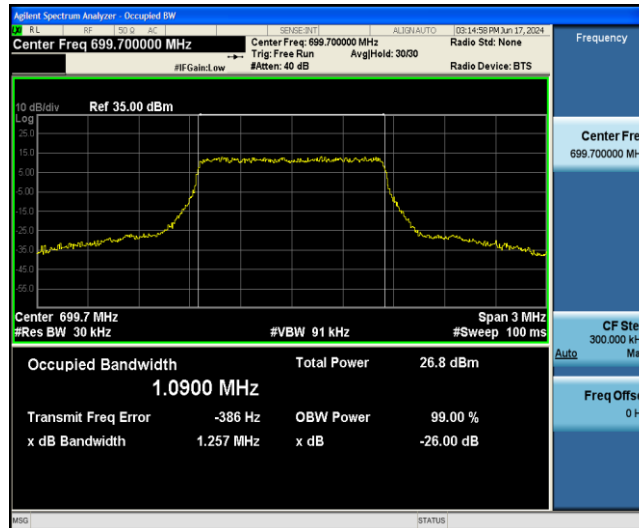
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

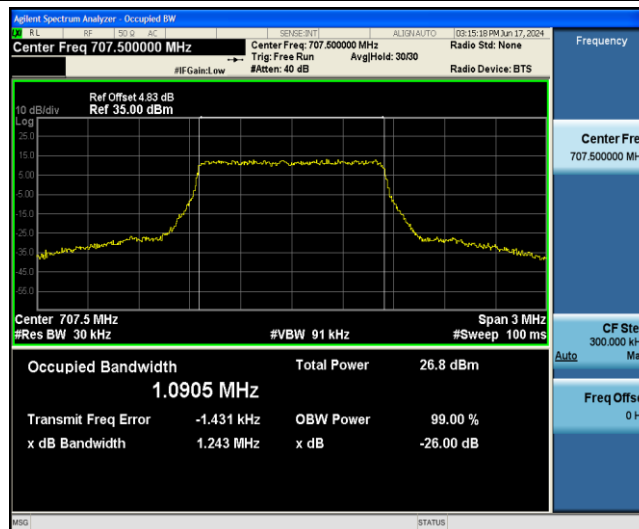
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0900	1.257	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0905	1.243	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0893	1.258	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0912	1.252	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0916	1.269	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0876	1.232	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6955	2.895	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6920	2.908	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6951	2.911	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6950	2.921	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6894	2.937	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6923	2.905	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5010	4.901	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5026	4.896	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4930	4.874	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4970	4.875	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5048	4.839	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4950	4.898	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9712	9.586	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9702	9.540	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9671	9.531	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9480	9.542	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9670	9.531	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9542	9.528	PASS

Test Graphs

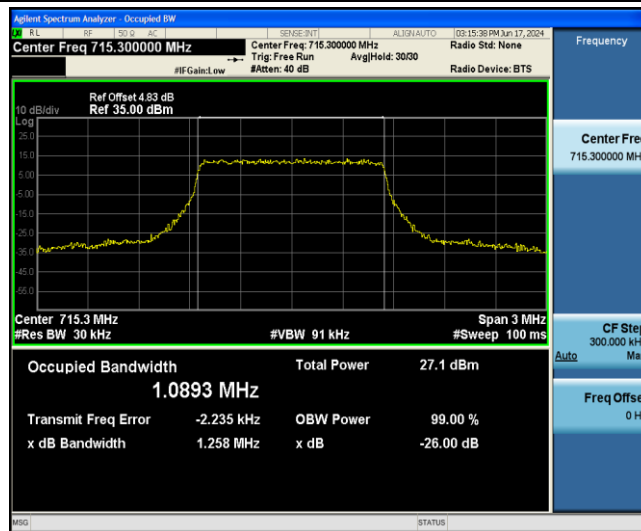
Band12-1.4MHz-QPSK-23017-6RB#0



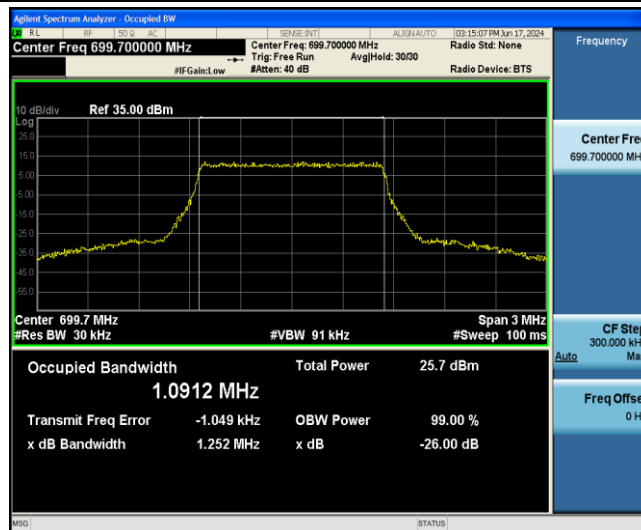
Band12-1.4MHz-QPSK-23095-6RB#0



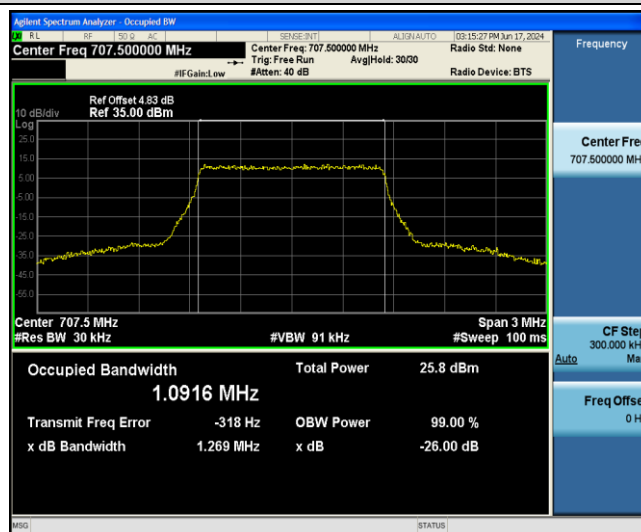
Band12-1.4MHz-QPSK-23173-6RB#0



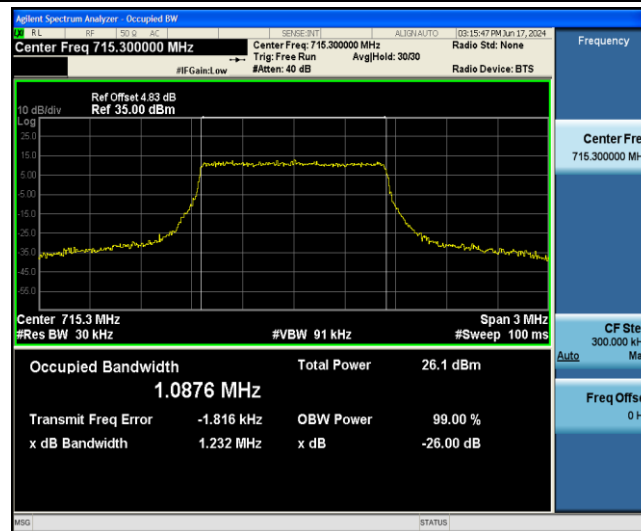
Band12-1.4MHz-16QAM-23017-6RB#0



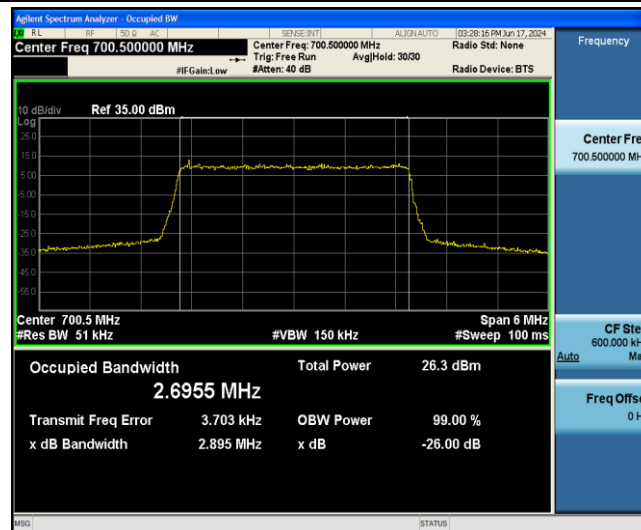
Band12-1.4MHz-16QAM-23095-6RB#0



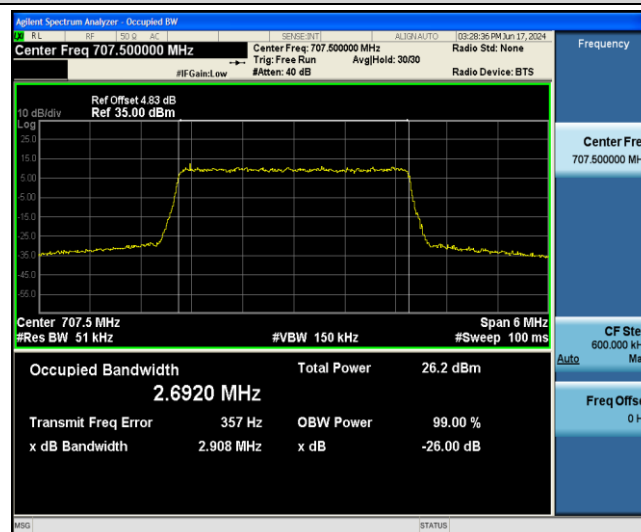
Band12-1.4MHz-16QAM-23173-6RB#0



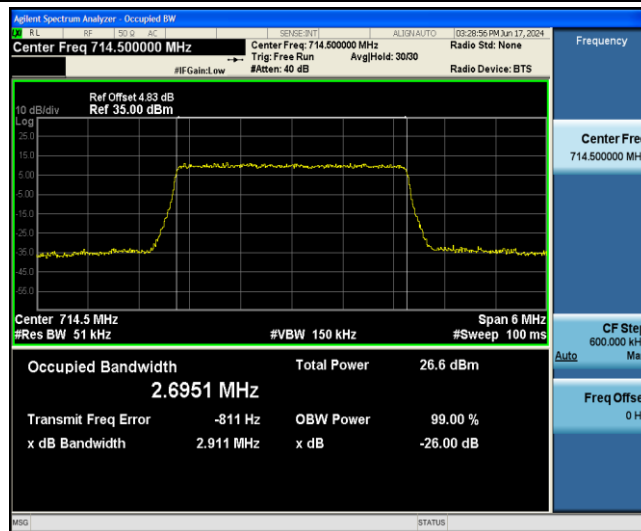
Band12-3MHz-QPSK-23025-15RB#0



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



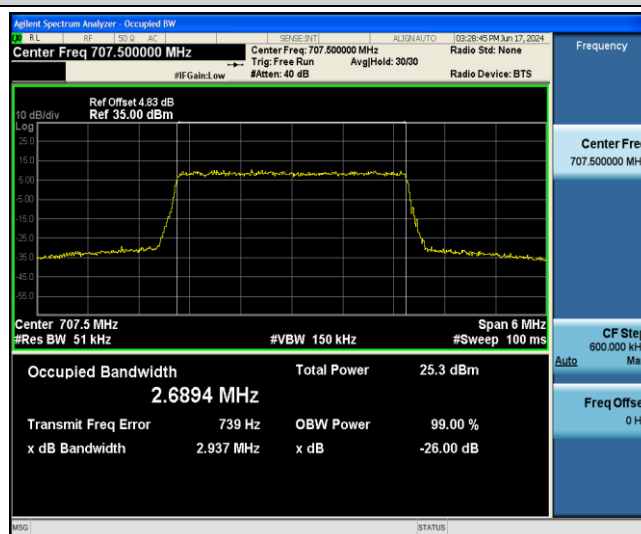
Band12-3MHz-QPSK-23165-15RB#0



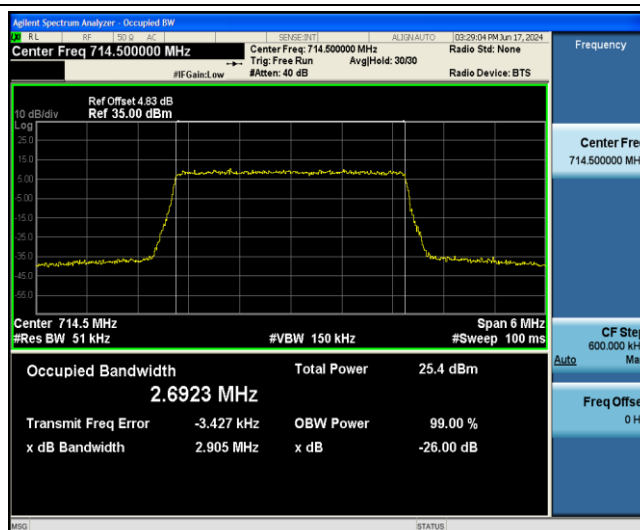
Band12-3MHz-16QAM-23025-15RB#0



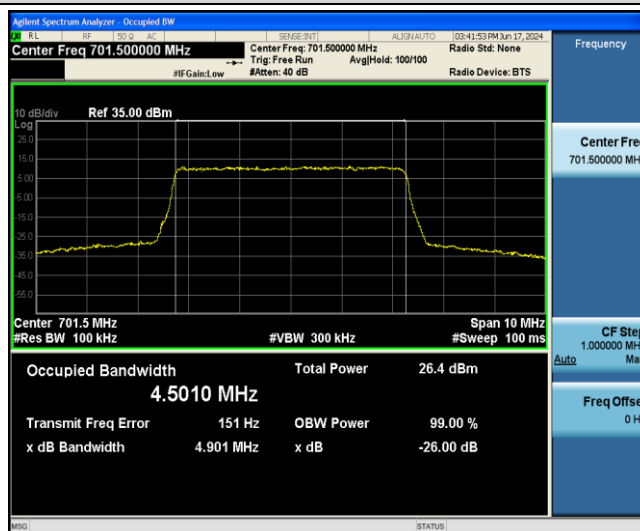
Band12-3MHz-16QAM-23095-15RB#0



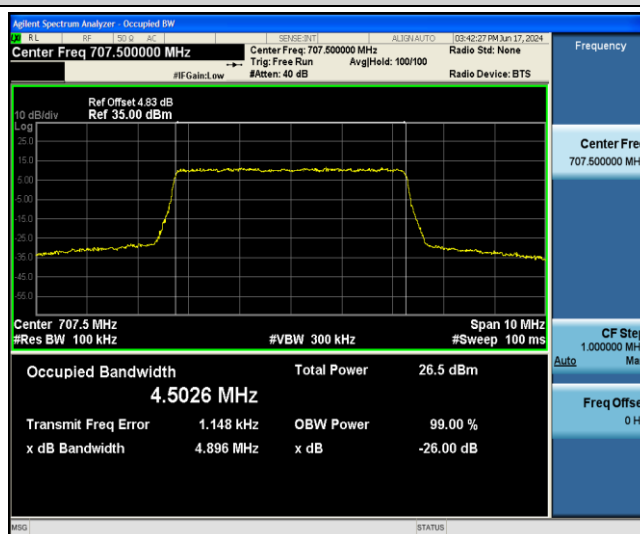
Band12-3MHz-16QAM-23165-15RB#0



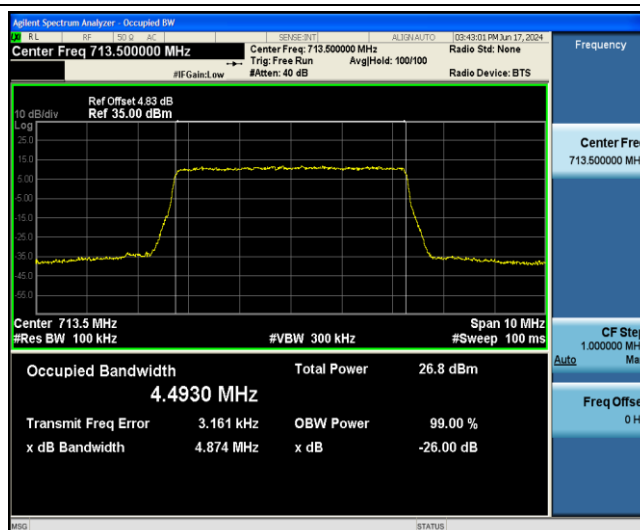
Band12-5MHz-QPSK-23035-25RB#0



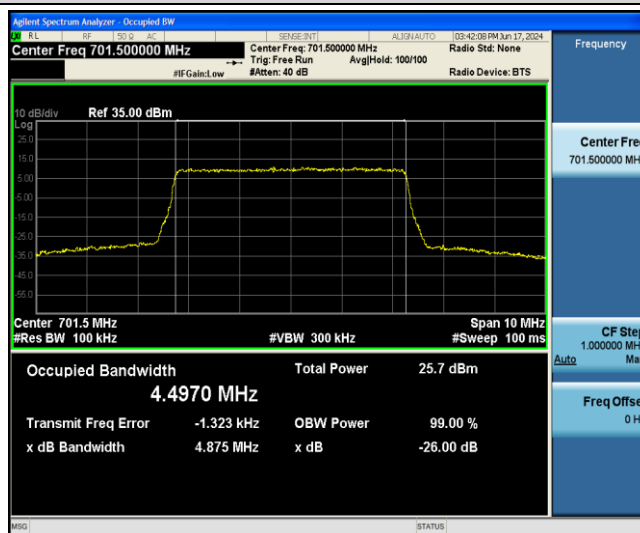
Band12-5MHz-QPSK-23095-25RB#0



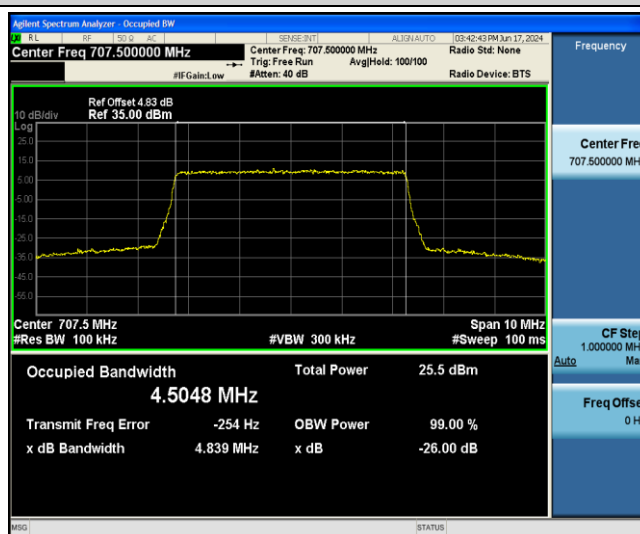
Band12-5MHz-QPSK-23155-25RB#0



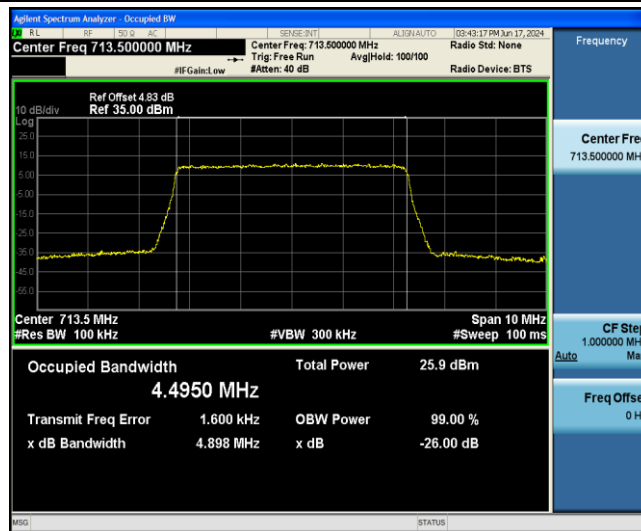
Band12-5MHz-16QAM-23035-25RB#0



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



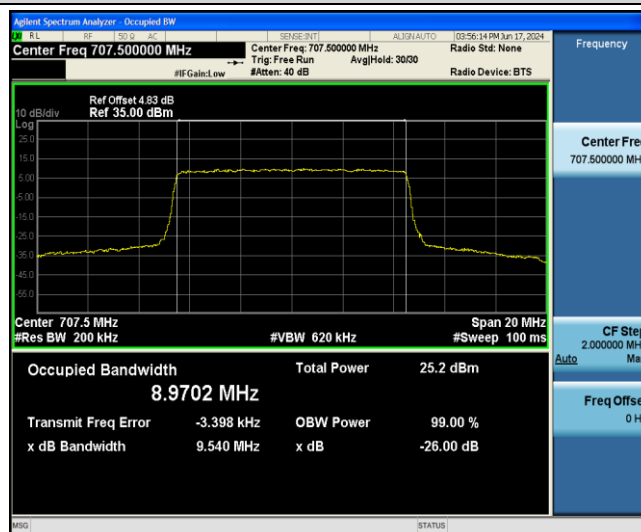
Band12-5MHz-16QAM-23155-25RB#0



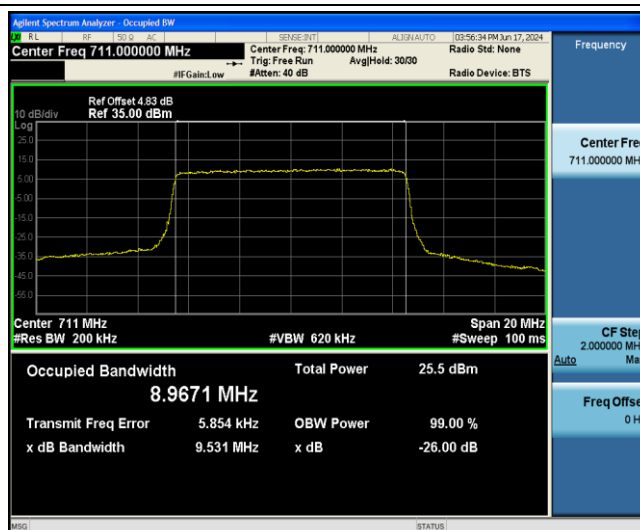
Band12-10MHz-QPSK-23060-50RB#0



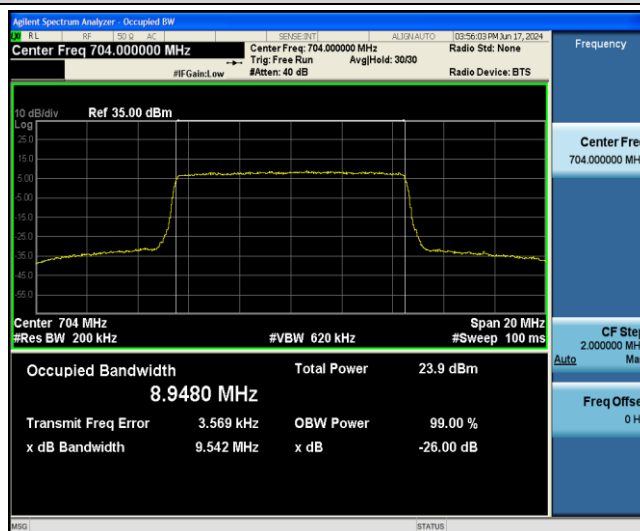
Band12-10MHz-QPSK-23095-50RB#0



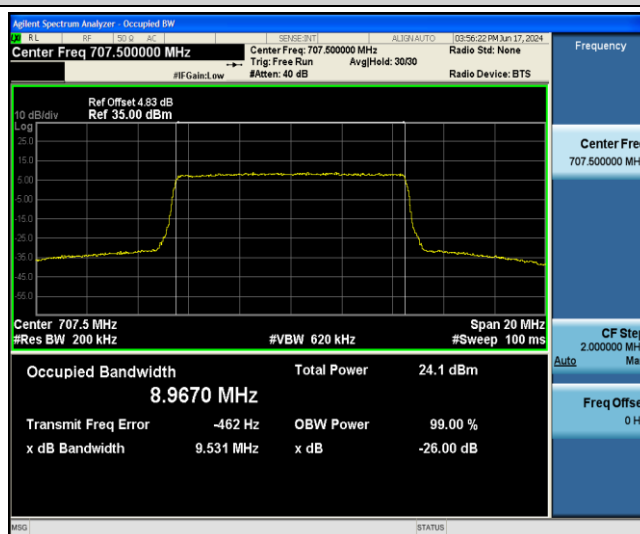
Band12-10MHz-QPSK-23130-50RB#0



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



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



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



Appendix D: Band Edge

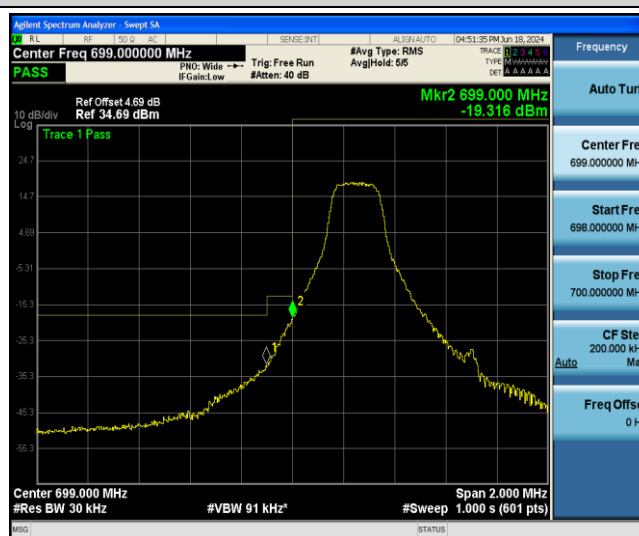
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-32.26,-19.32	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-44.47,-48.99	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.16,-24.50	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-48.67,-45.44	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-17.66,-27.84	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.51,-30.04	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-33.92,-20.34	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-42.40,-49.47	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.82,-26.00	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-49.94,-47.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-18.46,-29.46	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.69,-32.23	PASS
Band12	3MHz	QPSK	23025	1RB#0	-26.88,-15.82	PASS
Band12	3MHz	QPSK	23025	1RB#14	-42.35,-49.79	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.83,-22.09	PASS
Band12	3MHz	QPSK	23165	1RB#0	-50.04,-42.36	PASS
Band12	3MHz	QPSK	23165	1RB#14	-14.85,-27.05	PASS
Band12	3MHz	QPSK	23165	15RB#0	-23.29,-32.79	PASS
Band12	3MHz	16QAM	23025	1RB#0	-31.10,-16.72	PASS
Band12	3MHz	16QAM	23025	1RB#14	-42.71,-50.22	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.62,-24.03	PASS
Band12	3MHz	16QAM	23165	1RB#0	-50.32,-43.51	PASS
Band12	3MHz	16QAM	23165	1RB#14	-15.64,-29.54	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.88,-34.50	PASS
Band12	5MHz	QPSK	23035	1RB#0	-15.33	PASS
Band12	5MHz	QPSK	23035	1RB#24	-51.09	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.90	PASS
Band12	5MHz	QPSK	23155	1RB#0	-51.28	PASS
Band12	5MHz	QPSK	23155	1RB#24	-14.45	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.16	PASS
Band12	5MHz	16QAM	23035	1RB#0	-15.96	PASS
Band12	5MHz	16QAM	23035	1RB#24	-52.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.57	PASS
Band12	5MHz	16QAM	23155	1RB#0	-52.37	PASS
Band12	5MHz	16QAM	23155	1RB#24	-16.58	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.07	PASS

Band12	10MHz	QPSK	23060	1RB#0	-24.09,-23.78	PASS
Band12	10MHz	QPSK	23060	1RB#49	-47.96,-45.90	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.06,-25.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	-47.02,-46.71	PASS
Band12	10MHz	QPSK	23130	1RB#49	-22.48,-30.56	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.33,-29.97	PASS
Band12	10MHz	16QAM	23060	1RB#0	-28.88,-22.71	PASS
Band12	10MHz	16QAM	23060	1RB#49	-47.65,-45.52	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.22,-28.32	PASS
Band12	10MHz	16QAM	23130	1RB#0	-48.03,-49.32	PASS
Band12	10MHz	16QAM	23130	1RB#49	-22.61,-31.38	PASS
Band12	10MHz	16QAM	23130	50RB#0	-28.72,-31.51	PASS

Test Graphs

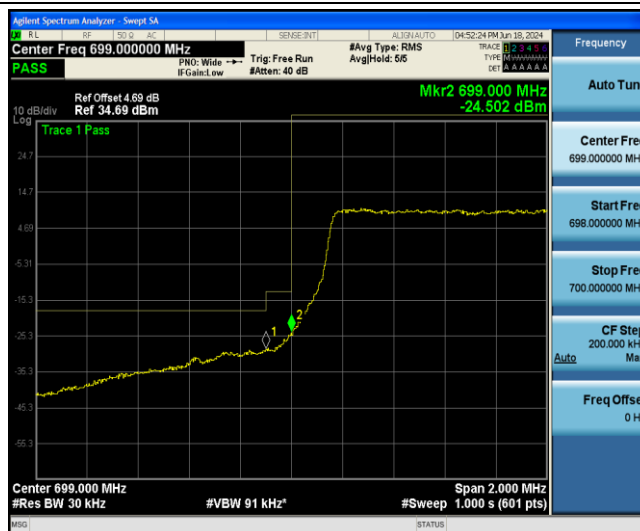
Band12-1.4MHz-QPSK-23017-1RB#0



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



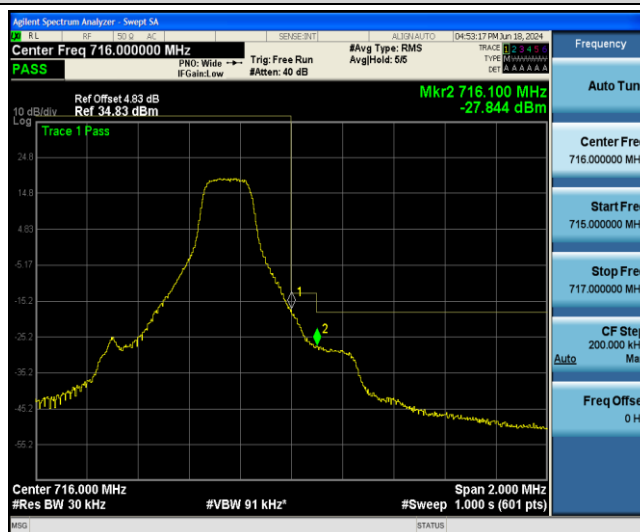
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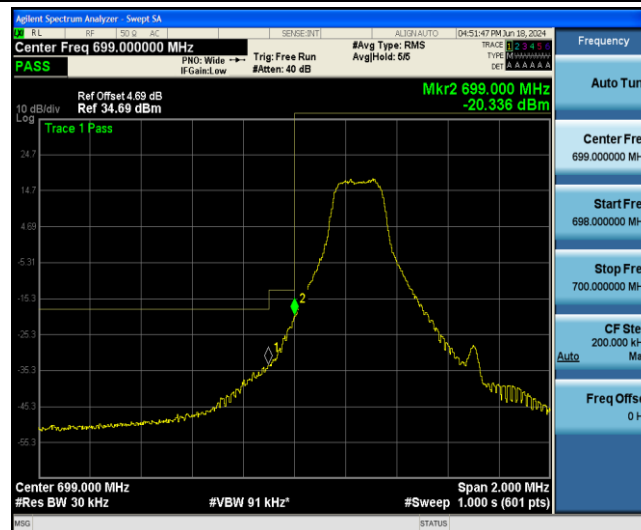
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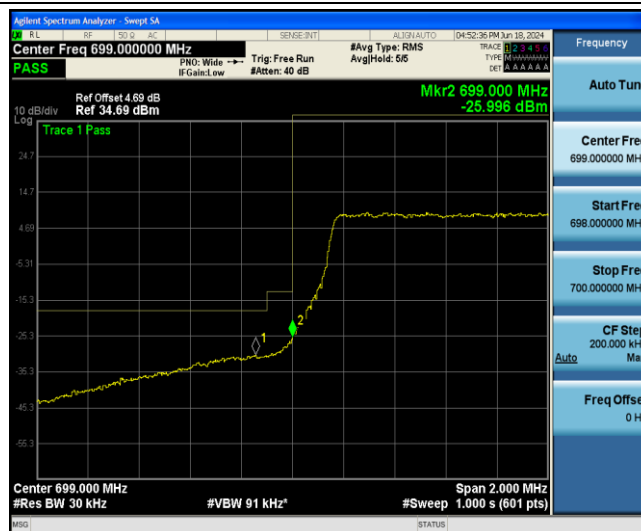
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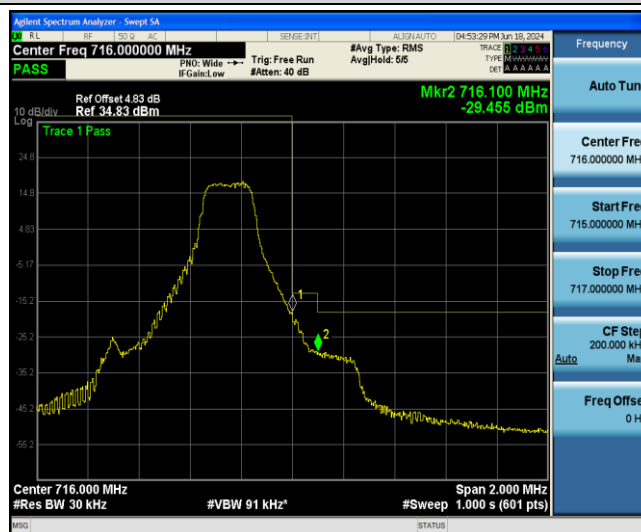
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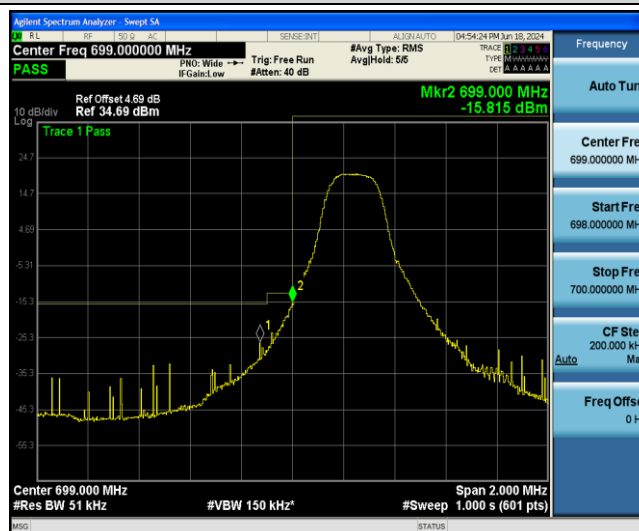
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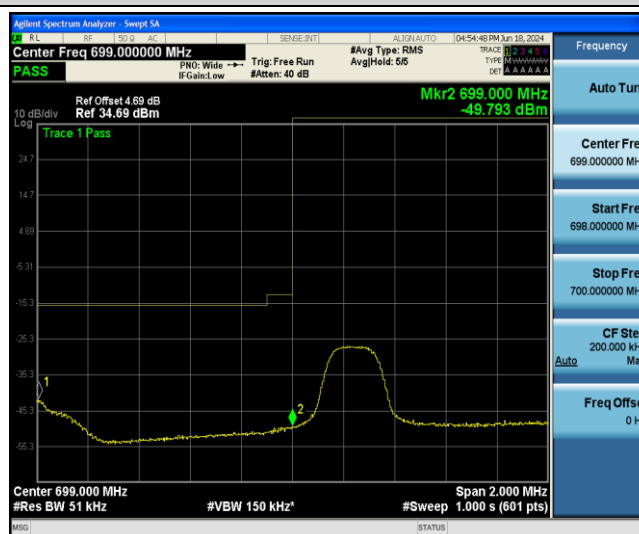
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Band12-3MHz-QPSK-23025-1RB#0



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



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