

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	ERP (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.11	1.77	23.73	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.07	1.77	23.69	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.16	1.77	23.78	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.02	1.77	23.64	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.12	1.77	23.74	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.11	1.77	23.73	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.28	1.77	22.90	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.26	1.77	23.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.38	1.77	24.00	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.63	1.77	24.25	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.35	1.77	23.97	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.34	1.77	23.96	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.46	1.77	24.08	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.38	1.77	23.00	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.02	1.77	23.64	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.25	1.77	23.87	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.30	1.77	23.92	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.26	1.77	23.88	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.20	1.77	23.82	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.21	1.77	23.83	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.30	1.77	22.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.40	1.77	23.02	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.29	1.77	22.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.02	1.77	22.64	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.18	1.77	22.80	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.09	1.77	22.71	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.07	1.77	22.69	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.21	1.77	21.83	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.84	1.77	23.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.57	1.77	23.19	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.60	1.77	23.22	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	23.22	1.77	22.84	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.34	1.77	22.96	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.30	1.77	22.92	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.44	1.77	22.06	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.05	1.77	22.67	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.39	1.77	23.01	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.17	1.77	22.79	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.14	1.77	22.76	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.24	1.77	22.86	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.36	1.77	22.98	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.36	1.77	21.98	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.23	1.77	23.85	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.99	1.77	23.61	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.09	1.77	23.71	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.19	1.77	22.81	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.22	1.77	22.84	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.16	1.77	22.78	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.09	1.77	22.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.18	1.77	23.80	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.46	1.77	24.08	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.26	1.77	23.88	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.41	1.77	23.03	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.43	1.77	23.05	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.42	1.77	23.04	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.36	1.77	22.98	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.16	1.77	23.78	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.21	1.77	23.83	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.21	1.77	23.83	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.39	1.77	23.01	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.35	1.77	22.97	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.31	1.77	22.93	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.33	1.77	22.95	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.97	1.77	22.59	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.17	1.77	22.79	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.14	1.77	22.76	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.16	1.77	21.78	PASS

Band12	3MHz	16QAM	23025	8RB#4	22.28	1.77	21.90	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.33	1.77	21.95	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.11	1.77	21.73	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.33	1.77	22.95	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.52	1.77	23.14	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.47	1.77	23.09	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.46	1.77	22.08	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.46	1.77	22.08	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.46	1.77	22.08	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.19	1.77	21.81	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.31	1.77	22.93	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.31	1.77	22.93	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.64	1.77	23.26	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.37	1.77	21.99	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.29	1.77	21.91	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.36	1.77	21.98	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.13	1.77	21.75	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.03	1.77	23.65	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.36	1.77	23.98	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.13	1.77	23.75	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.05	1.77	22.67	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.09	1.77	22.71	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.14	1.77	22.76	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.11	1.77	22.73	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.29	1.77	23.91	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.51	1.77	24.13	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.43	1.77	24.05	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.36	1.77	22.98	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.24	1.77	22.86	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.39	1.77	23.01	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.36	1.77	22.98	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.36	1.77	23.98	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.22	1.77	23.84	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.01	1.77	23.63	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.34	1.77	22.96	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.36	1.77	22.98	PASS

Band12	5MHz	QPSK	23155	12RB#13	23.22	1.77	22.84	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.22	1.77	22.84	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.02	1.77	22.64	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.90	1.77	22.52	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.83	1.77	22.45	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.11	1.77	21.73	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.12	1.77	21.74	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.14	1.77	21.76	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.25	1.77	21.87	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.35	1.77	22.97	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.26	1.77	22.88	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.60	1.77	23.22	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.34	1.77	21.96	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.36	1.77	21.98	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.36	1.77	21.98	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.22	1.77	21.84	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.27	1.77	22.89	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.23	1.77	22.85	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.25	1.77	22.87	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.30	1.77	21.92	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.40	1.77	22.02	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.23	1.77	21.85	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.28	1.77	21.90	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.94	1.77	23.56	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.35	1.77	23.97	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.40	1.77	24.02	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.12	1.77	22.74	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.07	1.77	22.69	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.45	1.77	23.07	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.25	1.77	22.87	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.99	1.77	23.61	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.67	1.77	24.29	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.29	1.77	23.91	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.19	1.77	22.81	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.27	1.77	22.89	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.42	1.77	23.04	PASS

Band12	10MHz	QPSK	23095	50RB#0	23.24	1.77	22.86	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.28	1.77	23.90	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.72	1.77	24.34	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.17	1.77	23.79	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.37	1.77	22.99	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.45	1.77	23.07	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.32	1.77	22.94	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.30	1.77	22.92	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.09	1.77	22.71	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.94	1.77	23.56	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.23	1.77	22.85	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.17	1.77	21.79	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.08	1.77	21.70	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.39	1.77	22.01	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.25	1.77	21.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.06	1.77	22.68	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.34	1.77	22.96	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.14	1.77	22.76	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.41	1.77	22.03	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.40	1.77	22.02	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.26	1.77	21.88	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.27	1.77	21.89	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.69	1.77	23.31	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.77	1.77	23.39	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.20	1.77	22.82	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.36	1.77	21.98	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.36	1.77	21.98	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.21	1.77	21.83	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.39	1.77	22.01	PASS

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

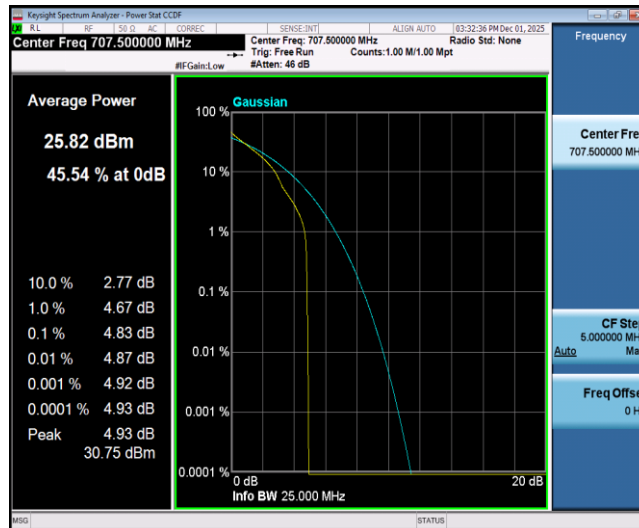
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.12	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.05	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.83	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.40	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.94	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.71	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.16	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.87	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.67	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.36	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.71	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.56	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.12	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.20	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.80	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.48	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.91	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.66	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.28	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.07	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.75	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.38	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.82	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.25	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.23	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.79	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.46	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.34	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.83	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.23	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.03	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.50	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.28	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.25	13	PASS

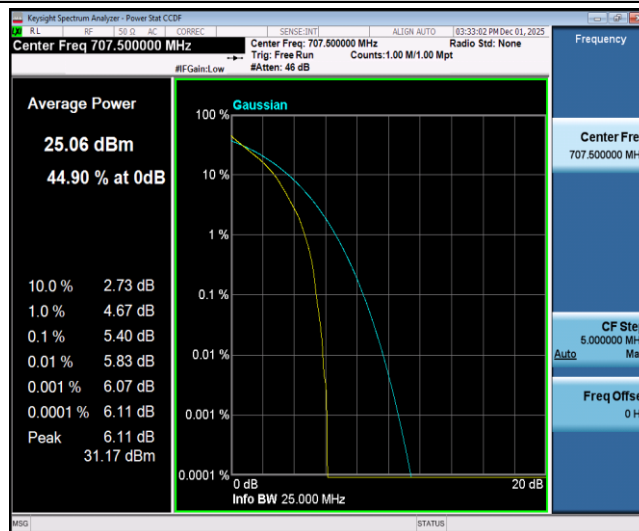
Band12	5MHz	16QAM	23155	25RB#0	5.65	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.36	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.64	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.37	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.78	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.08	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.24	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.27	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.51	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.24	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.00	13	PASS

Test Graphs

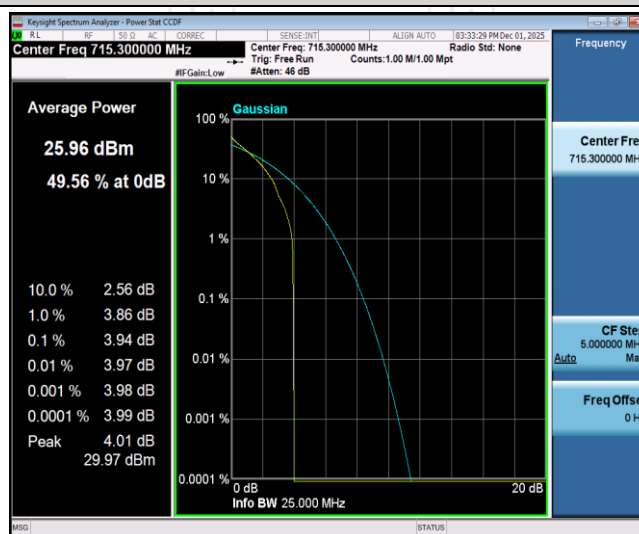




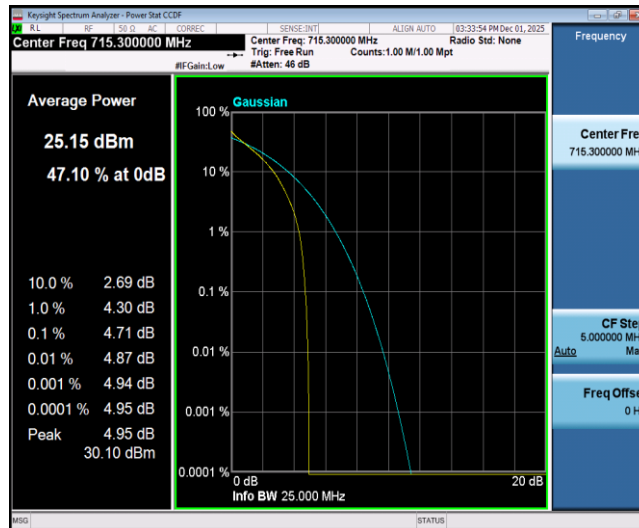
Band12-1.4MHz-QPSK-23095-1RB#0



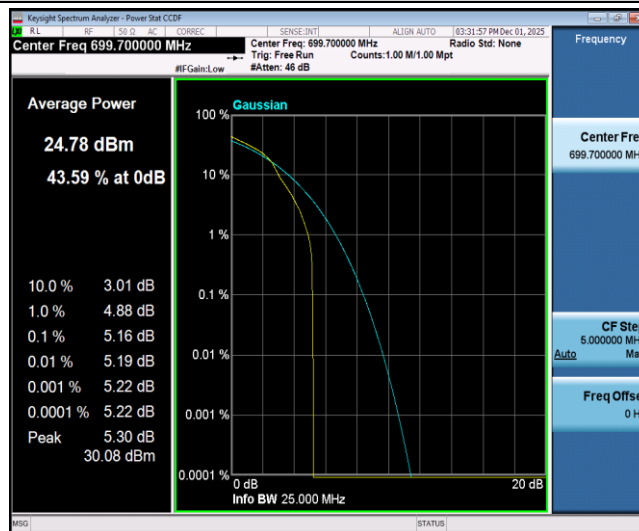
Band12-1.4MHz-QPSK-23095-6RB#0



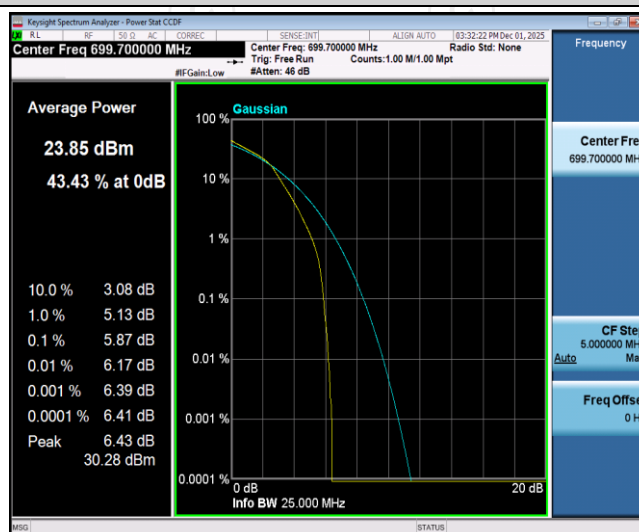
Band12-1.4MHz-QPSK-23173-1RB#0



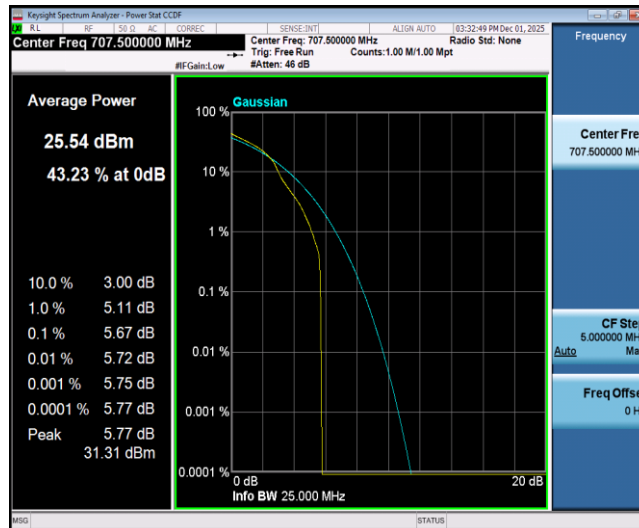
Band12-1.4MHz-QPSK-23173-6RB#0



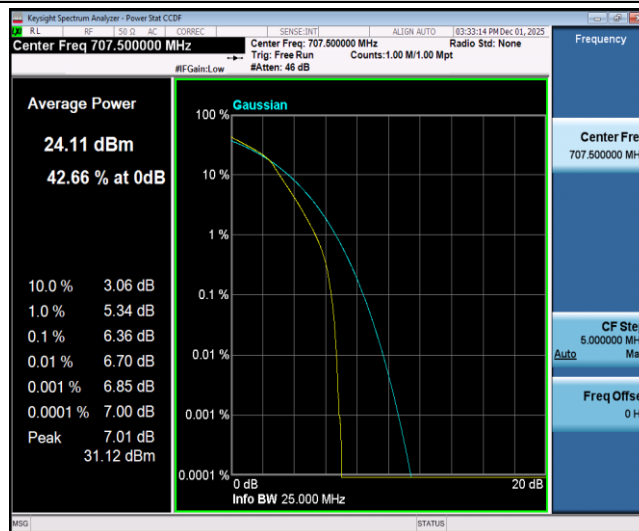
Band12-1.4MHz-16QAM-23017-1RB#0



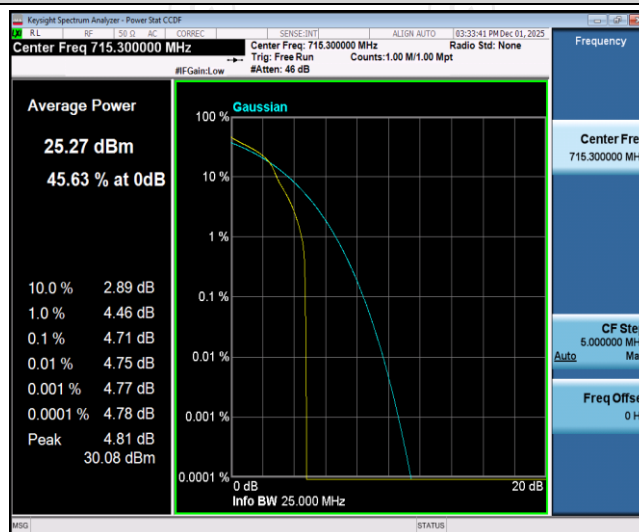
Band12-1.4MHz-16QAM-23017-6RB#0



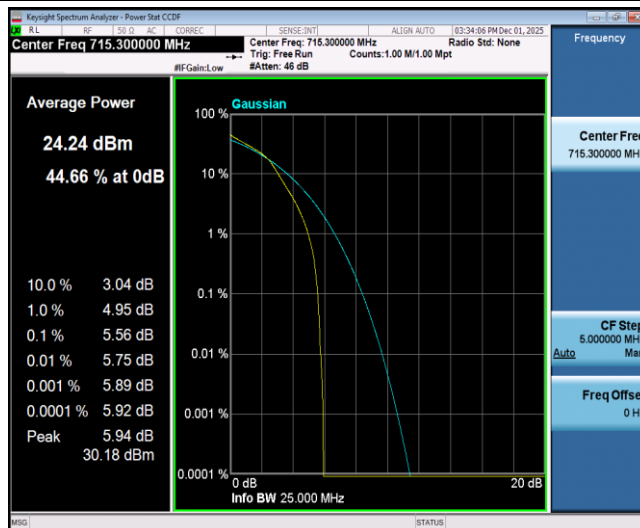
Band12-1.4MHz-16QAM-23095-1RB#0



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



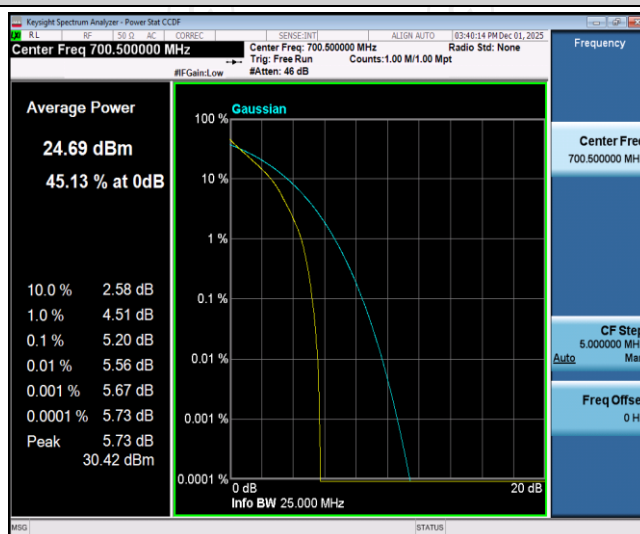
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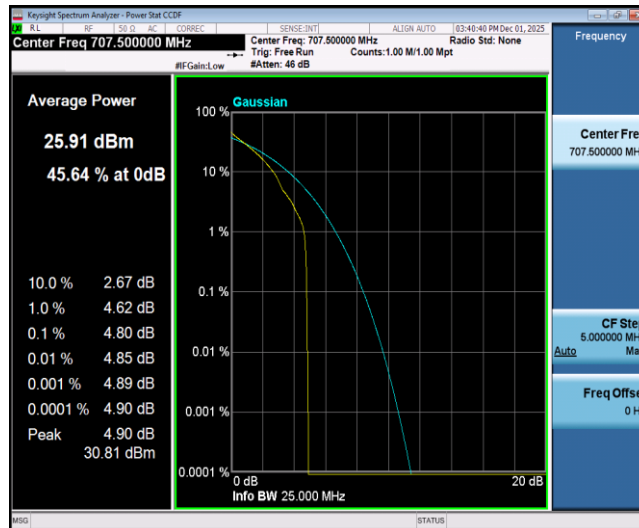
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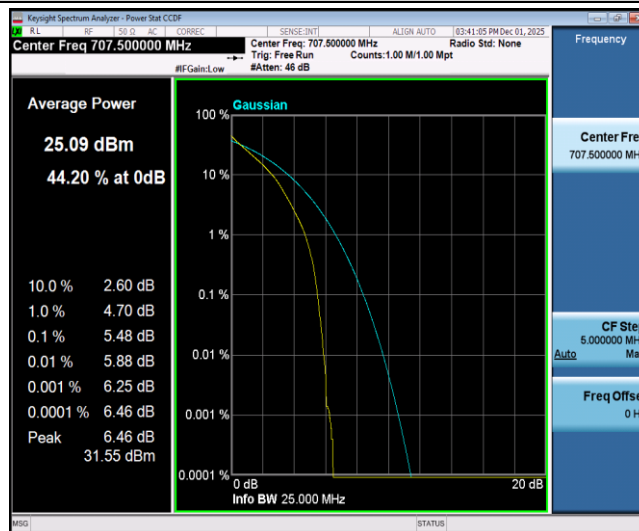
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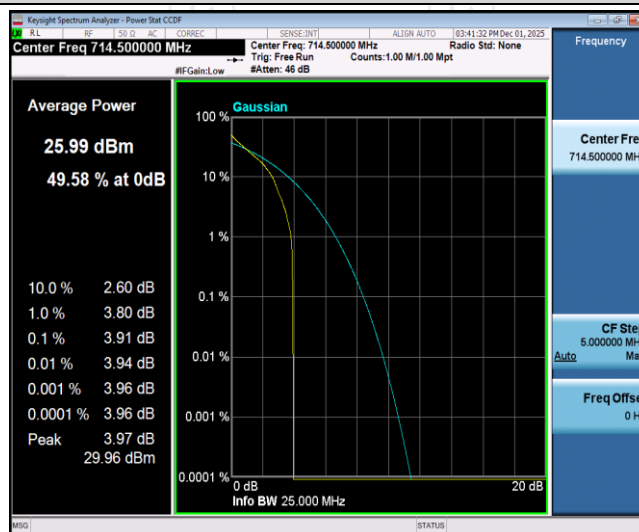
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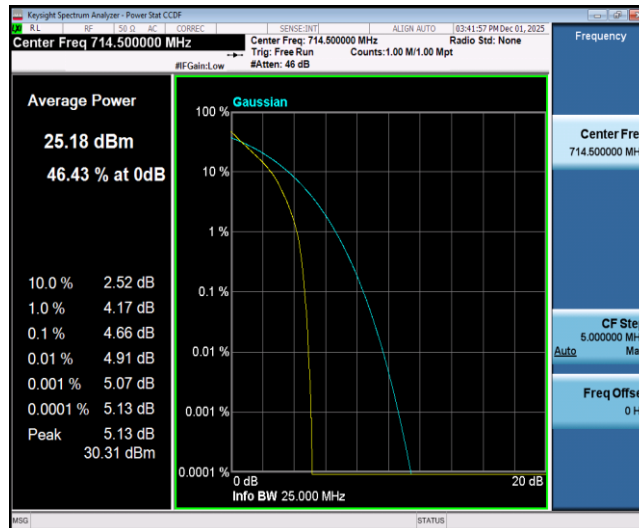
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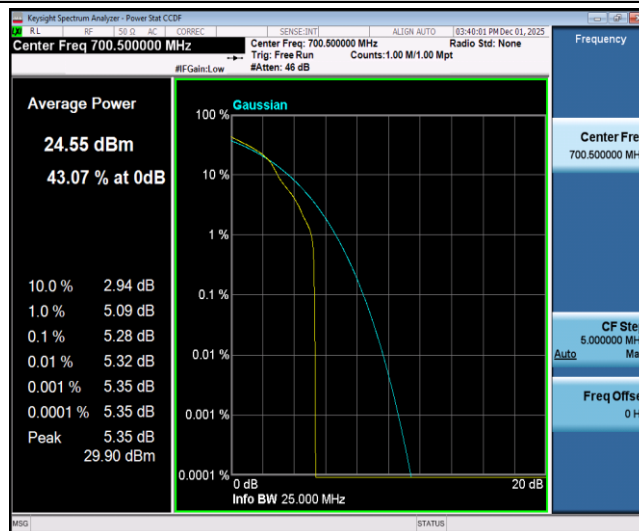
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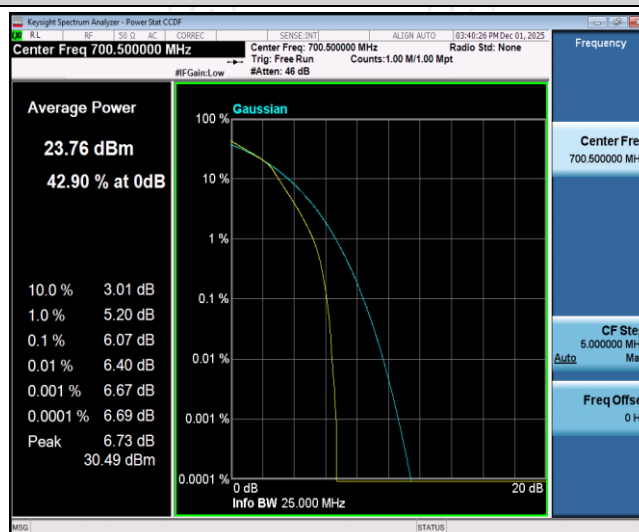
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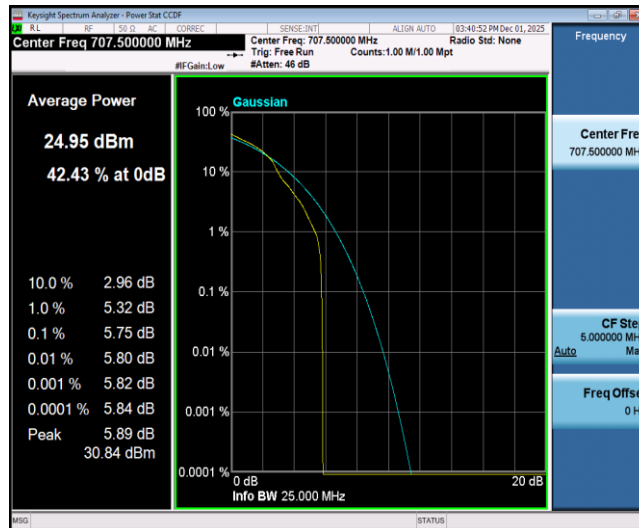
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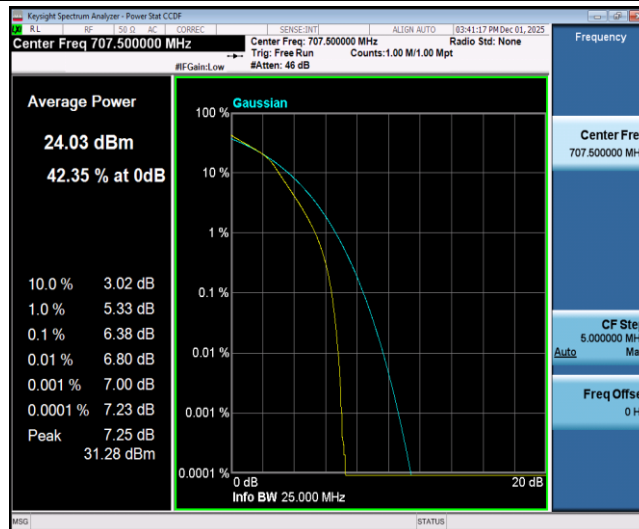
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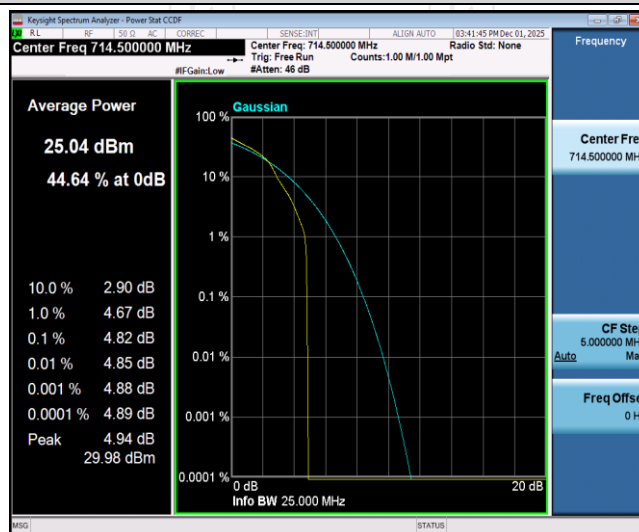
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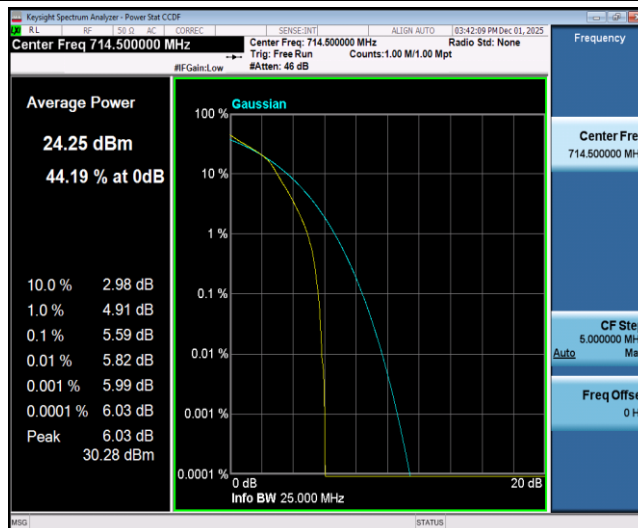
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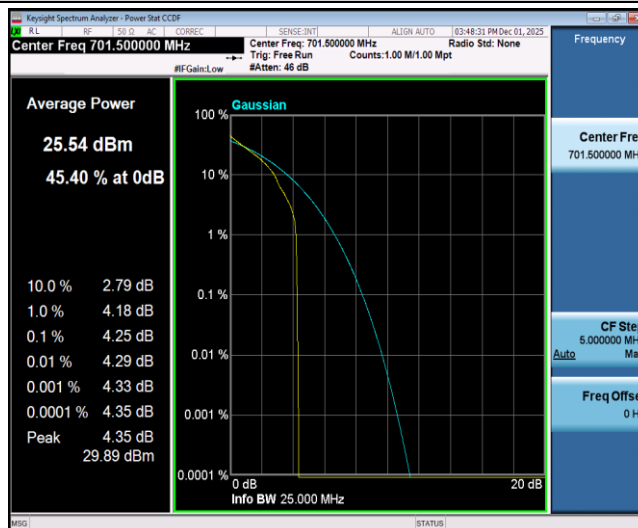
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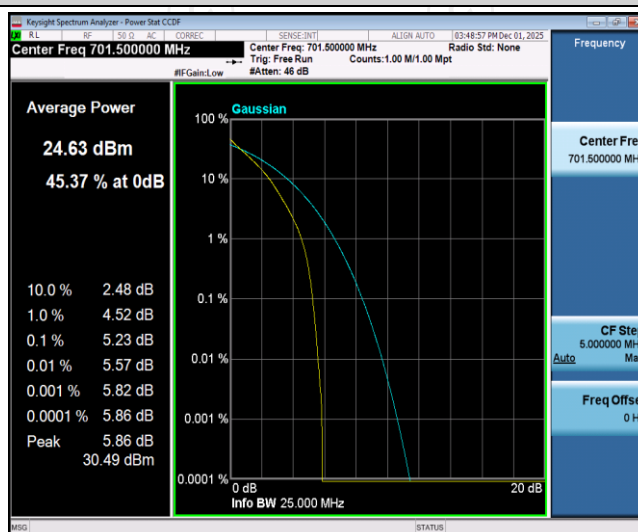
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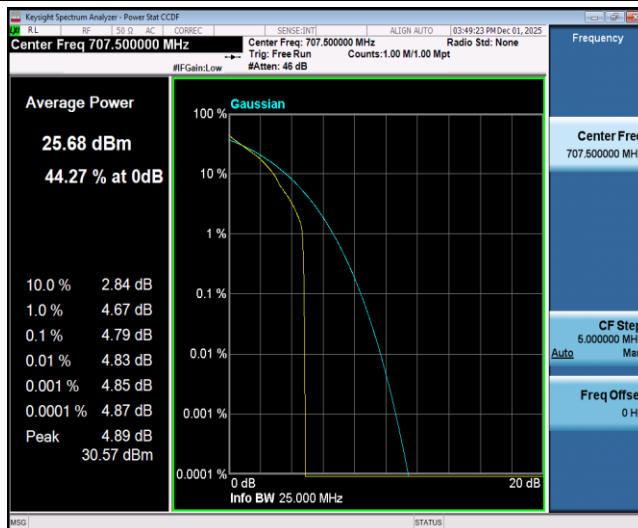
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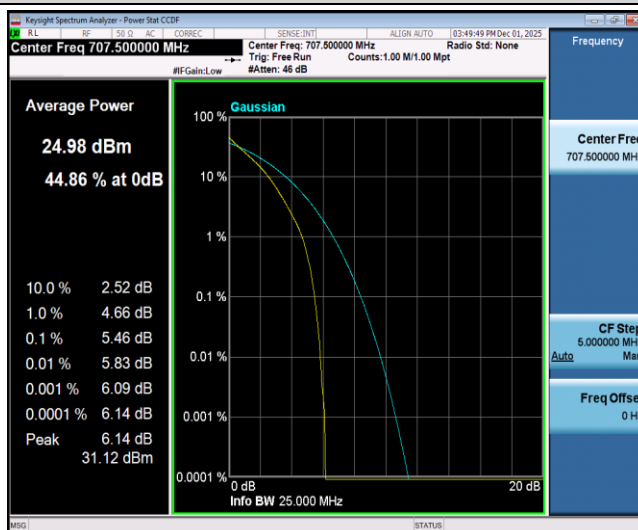
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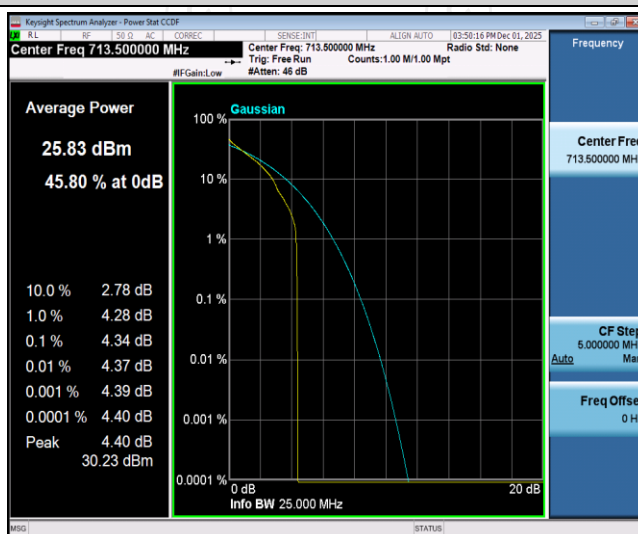
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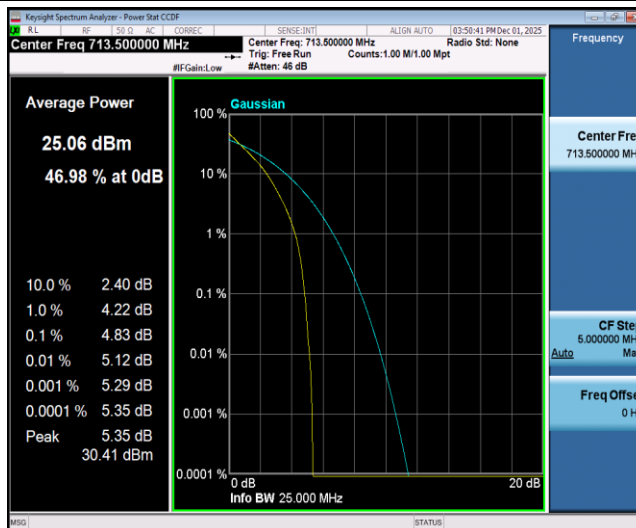
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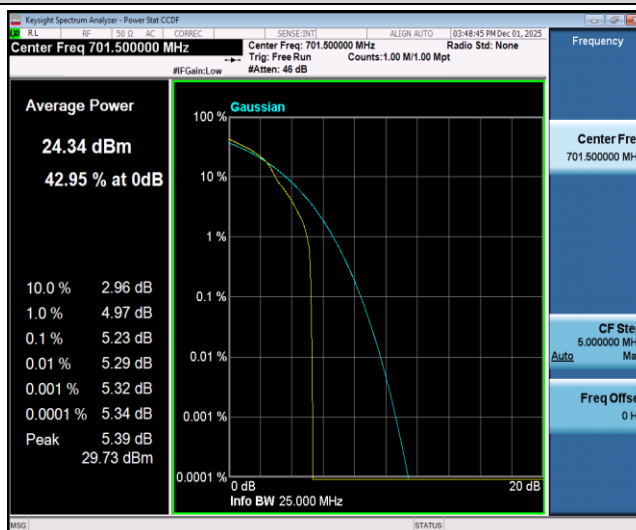
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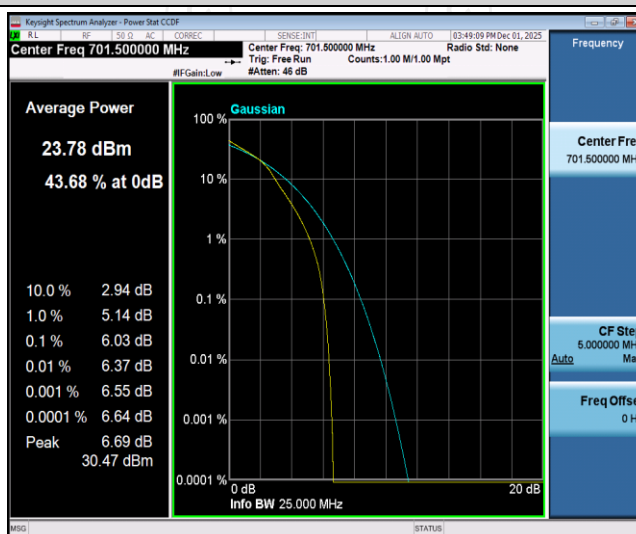
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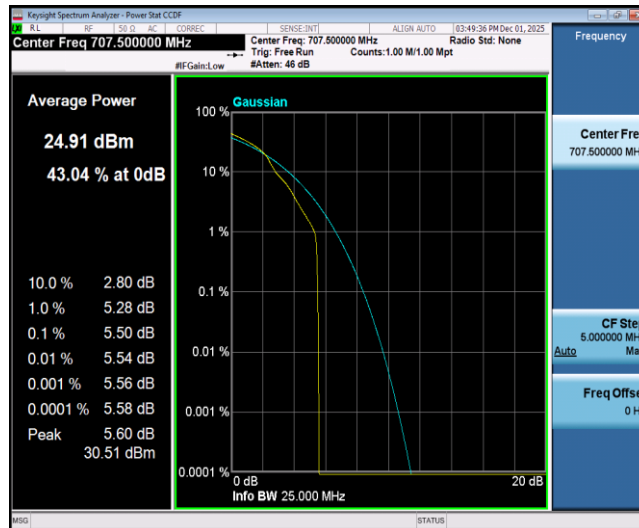
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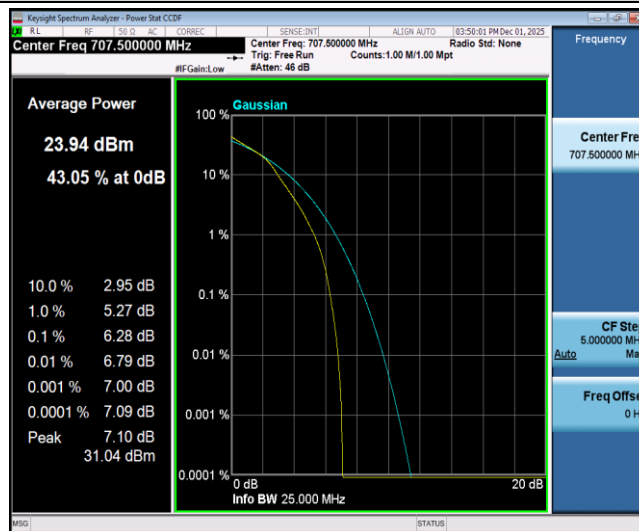
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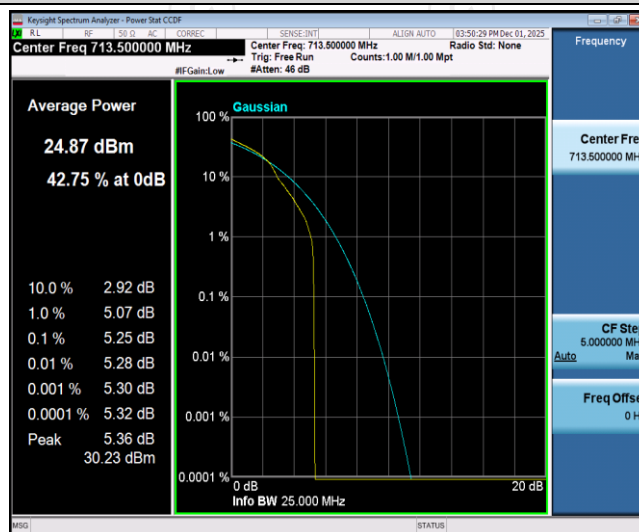
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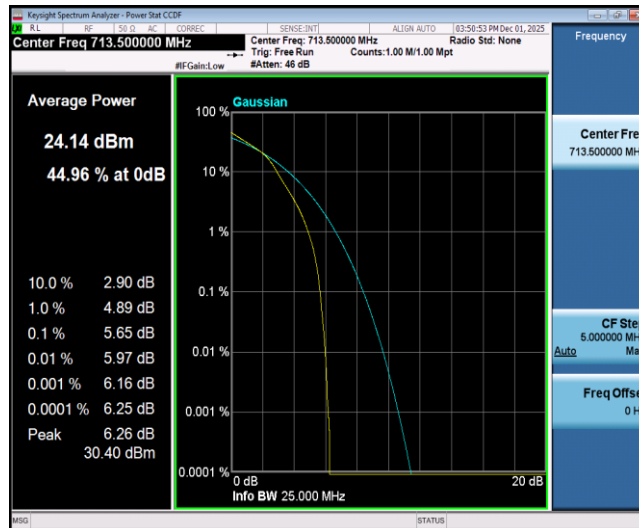
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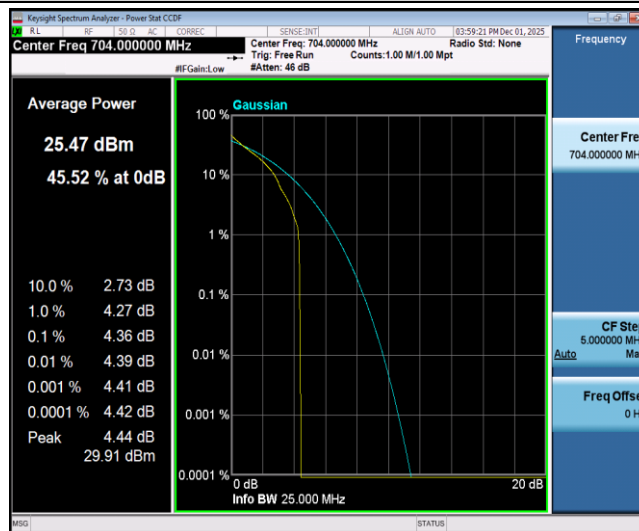
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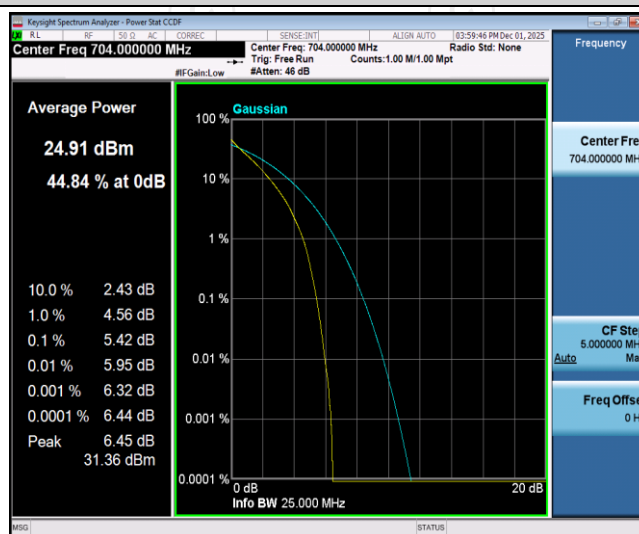
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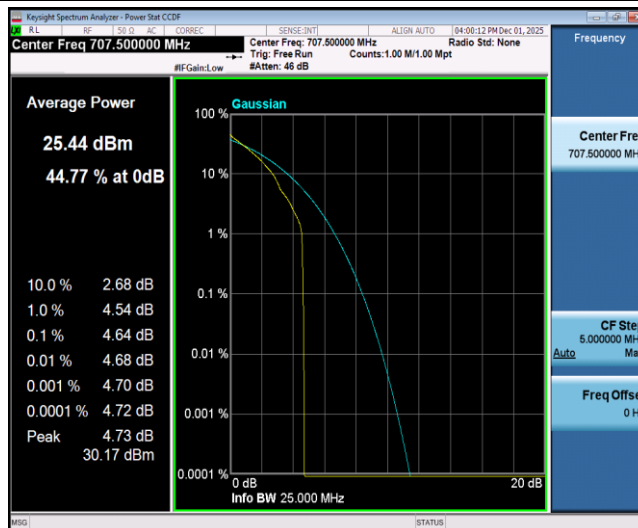
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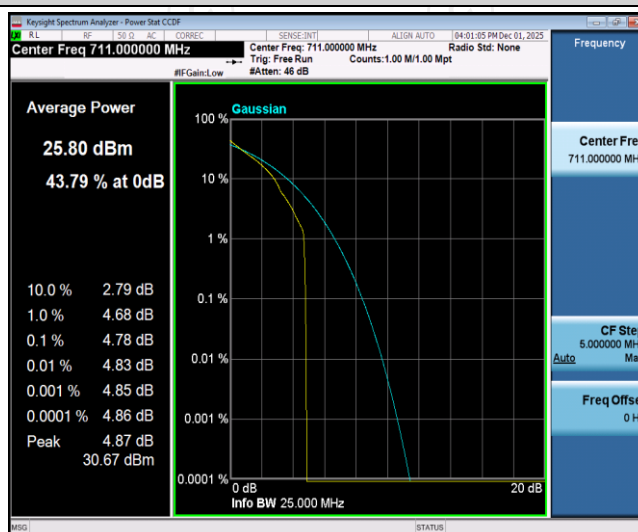
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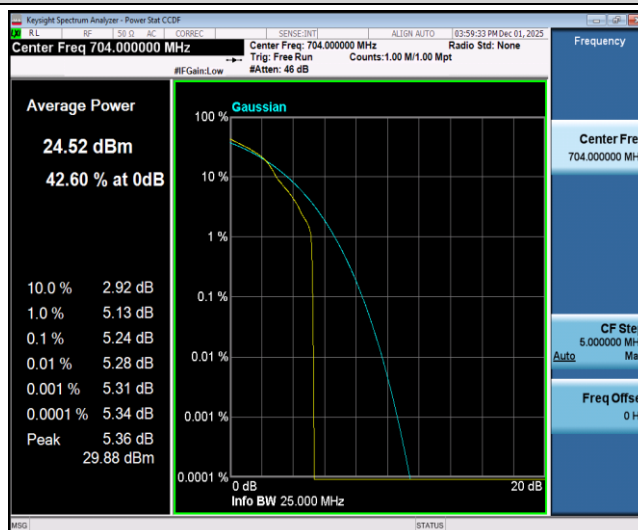
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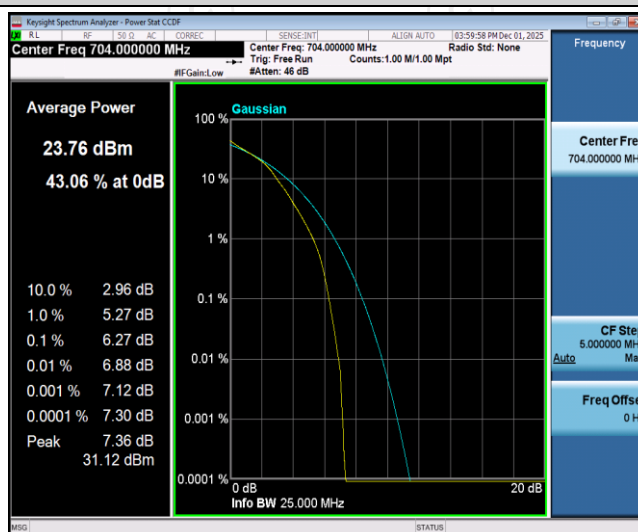
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