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	23.49	22.27	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.67	22.45	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.64	22.42	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.80	22.58	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.76	22.54	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.74	22.52	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.73	21.51	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.61	22.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.59	22.37	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.87	22.65	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.75	22.53	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.86	22.64	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.79	22.57	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.92	21.7	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.65	22.43	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.70	22.48	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.71	22.49	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.68	22.46	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.77	22.55	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.80	22.58	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.89	21.67	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.02	21.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.93	21.71	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.94	21.72	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.32	21.1	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.36	21.14	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.31	21.09	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.77	20.55	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.45	21.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.68	21.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.67	21.45	PASS

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Band12	1.4MHz	16QAM	23095	3RB#0	22.81	21.59	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.80	21.58	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.67	21.45	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.97	20.75	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.51	21.29	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.54	21.32	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.67	21.45	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.57	21.35	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.54	21.32	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.77	21.55	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.91	20.69	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.66	22.44	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.64	22.42	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.76	22.54	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.65	21.43	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.68	21.46	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.66	21.44	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.68	21.46	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.72	22.5	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.69	22.47	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.65	22.43	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.69	21.47	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.72	21.5	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.79	21.57	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.79	21.57	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.80	22.58	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.86	22.64	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.90	22.68	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.79	21.57	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.88	21.66	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.81	21.59	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.81	21.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.59	21.37	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.55	21.33	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.48	21.26	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.86	20.64	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.94	20.72	PASS

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Band12	3MHz	16QAM	23025	8RB#7	21.82	20.6	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.64	20.42	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.54	21.32	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.61	21.39	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.61	21.39	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.85	20.63	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.87	20.65	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.96	20.74	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.72	20.5	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.34	22.12	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.38	22.16	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.40	22.18	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.76	20.54	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.88	20.66	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.00	20.78	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.79	20.57	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.76	22.54	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.75	22.53	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.80	22.58	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.69	21.47	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.73	21.51	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.64	21.42	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.73	21.51	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.78	22.56	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.77	22.55	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.72	22.5	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.72	21.5	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.71	21.49	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.83	21.61	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.86	21.64	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.85	22.63	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.86	22.64	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.86	22.64	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.66	21.44	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.75	21.53	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.75	21.53	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.78	21.56	PASS

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Band12	5MHz	16QAM	23035	1RB#0	21.84	20.62	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.96	20.74	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.03	20.81	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.66	20.44	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.73	20.51	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.65	20.43	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.76	20.54	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.51	21.29	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.65	21.43	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.56	21.34	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.73	20.51	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.70	20.48	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.83	20.61	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.69	20.47	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.68	21.46	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.64	21.42	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.84	21.62	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.75	20.53	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.76	20.54	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.83	20.61	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.80	20.58	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.70	22.48	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.72	22.5	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.68	22.46	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.68	21.46	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.70	21.48	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.74	21.52	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.76	21.54	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.68	22.46	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.69	22.47	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.79	22.57	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.79	21.57	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.82	21.6	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.79	21.57	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.91	21.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.89	22.67	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.78	22.56	PASS

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Band12	10MHz	QPSK	23130	1RB#49	23.96	22.74	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.84	21.62	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.80	21.58	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.85	21.63	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.67	21.45	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.59	21.37	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.67	21.45	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.63	21.41	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.58	20.36	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.61	20.39	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.71	20.49	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.69	20.47	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.40	21.18	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.44	21.22	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.50	21.28	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.86	20.64	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.80	20.58	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.86	20.64	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.96	20.74	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.49	21.27	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.56	21.34	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.60	21.38	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.98	20.76	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.09	20.87	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.97	20.75	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.79	20.57	PASS

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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	5.40	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.69	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.27	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.64	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.11	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.61	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.08	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.33	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.78	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.26	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.81	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.23	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.22	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.75	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.10	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.60	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.12	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.67	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.30	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.53	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.90	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.43	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.22	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.47	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.45	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.75	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.18	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.61	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.28	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.31	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.40	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.00	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.39	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.19	13	PASS

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Band12	5MHz	16QAM	23155	25RB#0	6.34	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.24	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.88	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.04	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.70	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.13	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.57	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.43	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.56	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.87	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.44	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.18	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.28	13	PASS

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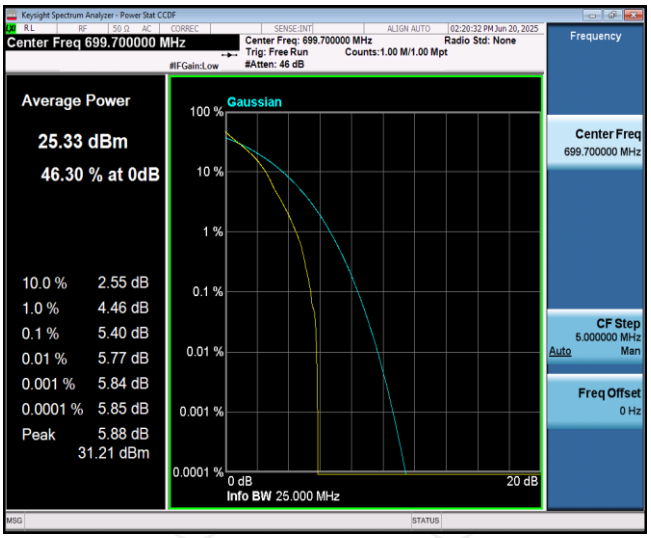
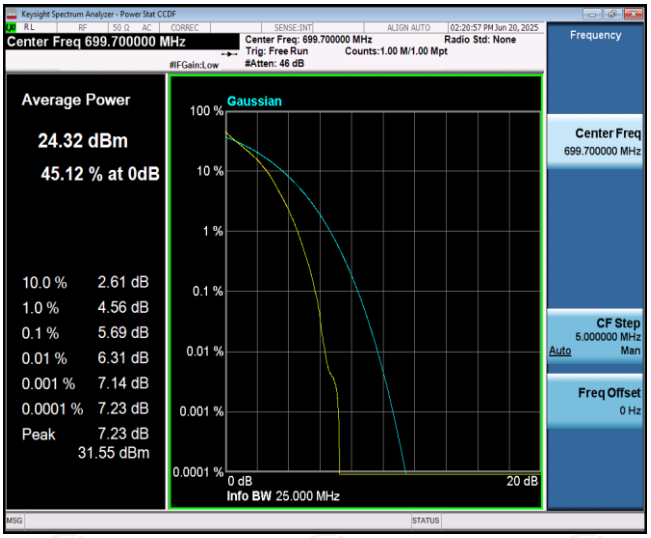
Test Graphs



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



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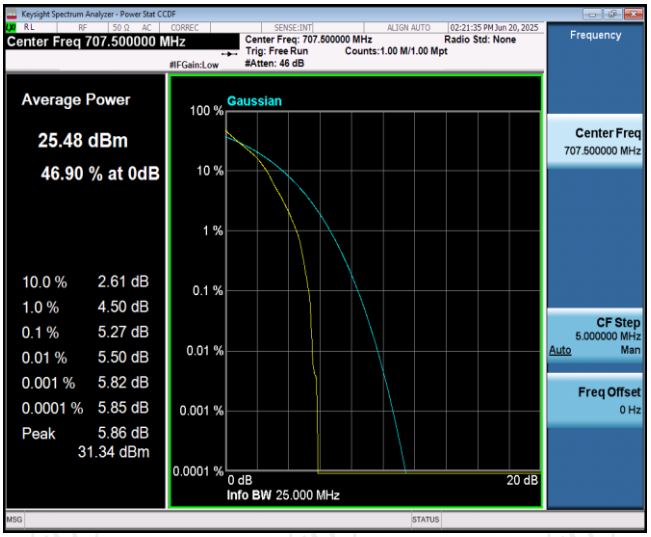
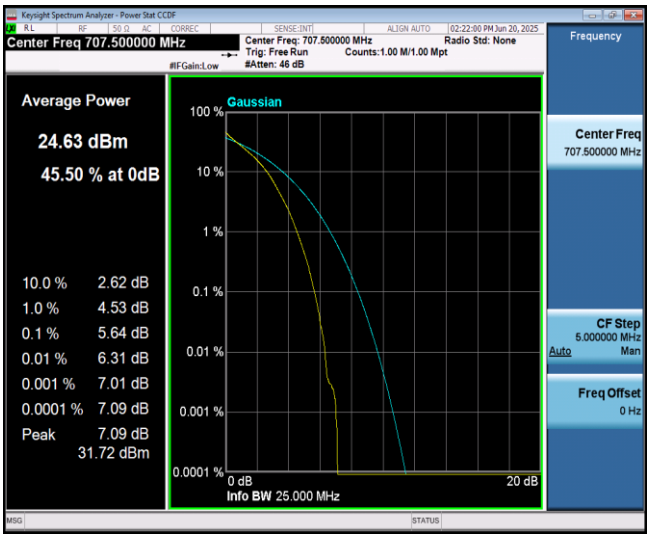
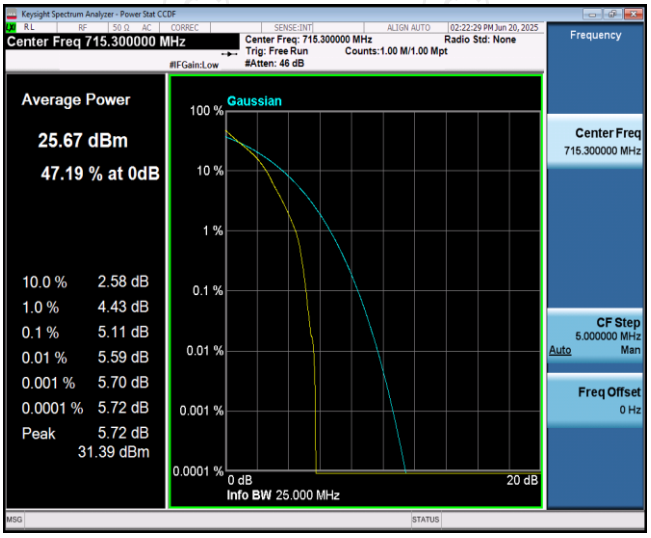


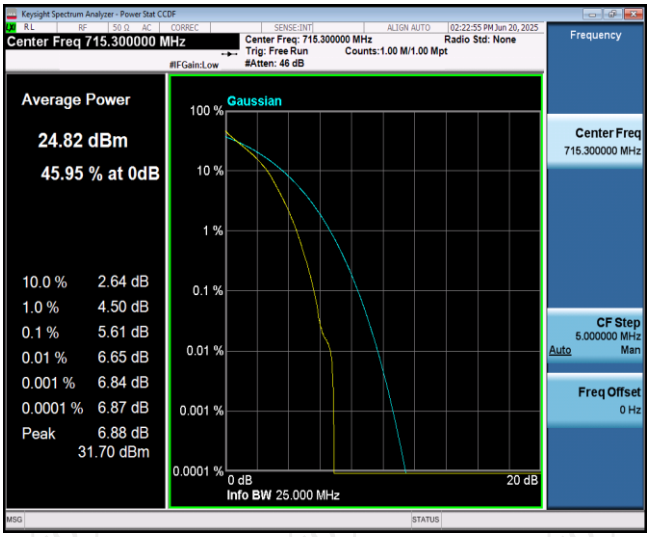
Band12-1.4MHz-QPSK-23095-1RB#0



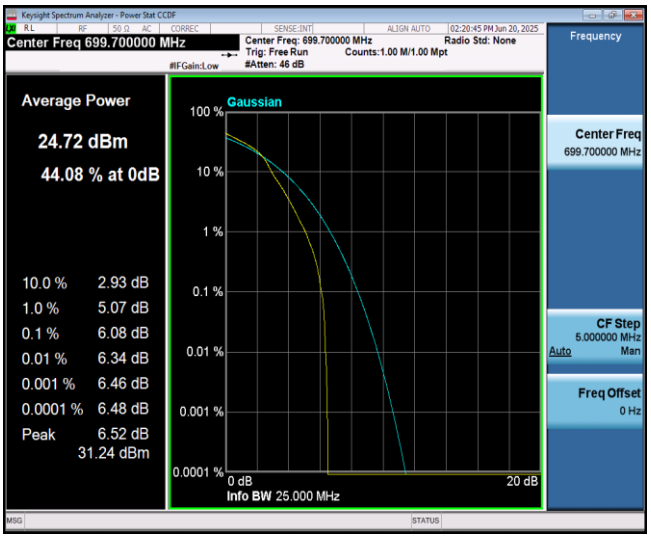
Band12-1.4MHz-QPSK-23095-6RB#0



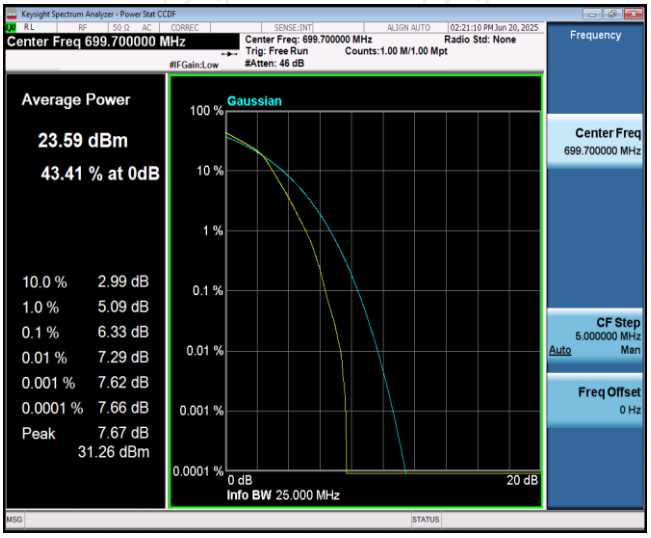
Band12-1.4MHz-QPSK-23173-1RB#0



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



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



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

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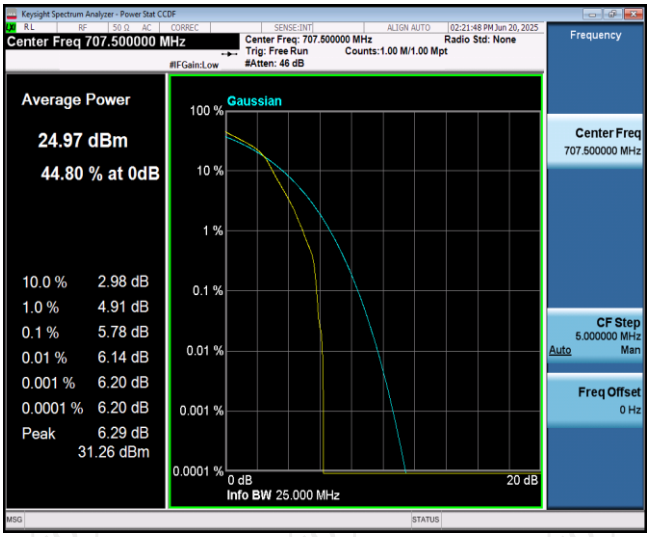
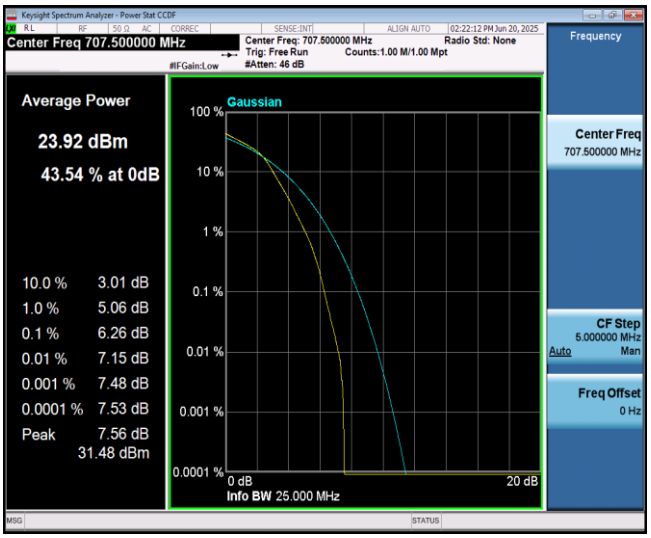


Band12-1.4MHz-16QAM-23095-1RB#0



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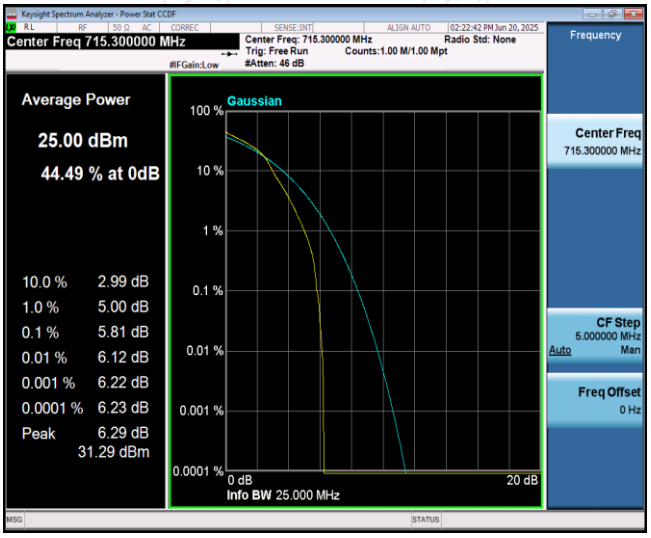

Band12-1.4MHz-16QAM-23173-1RB#0

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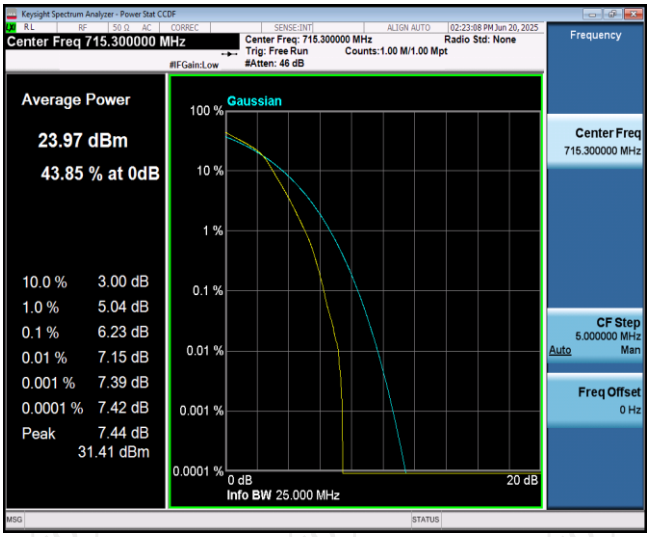

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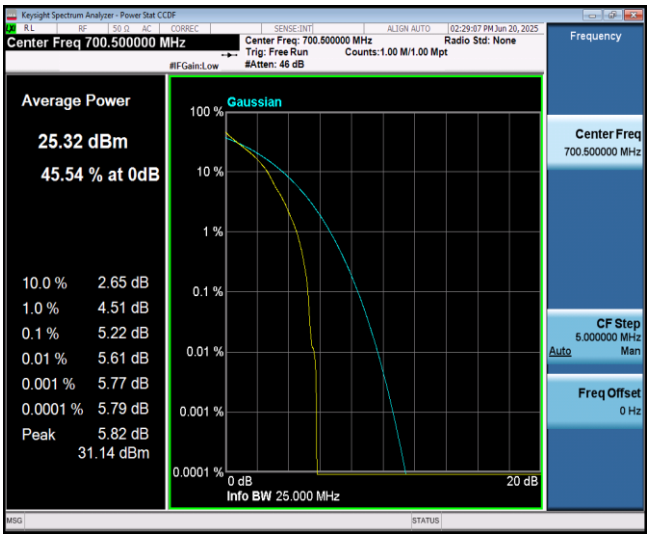

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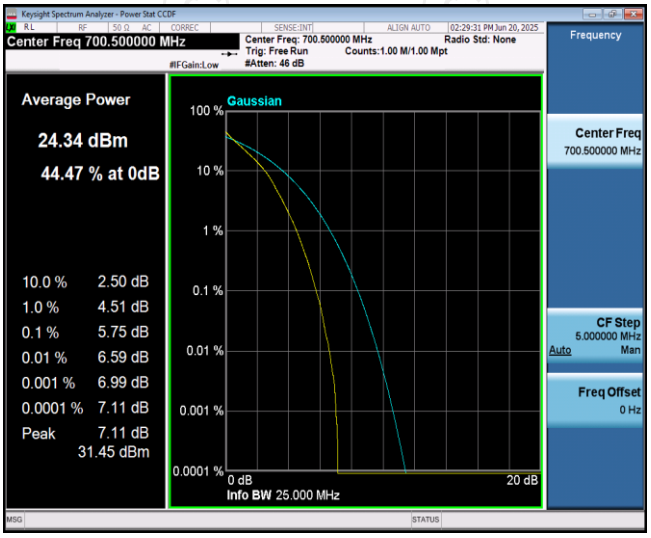

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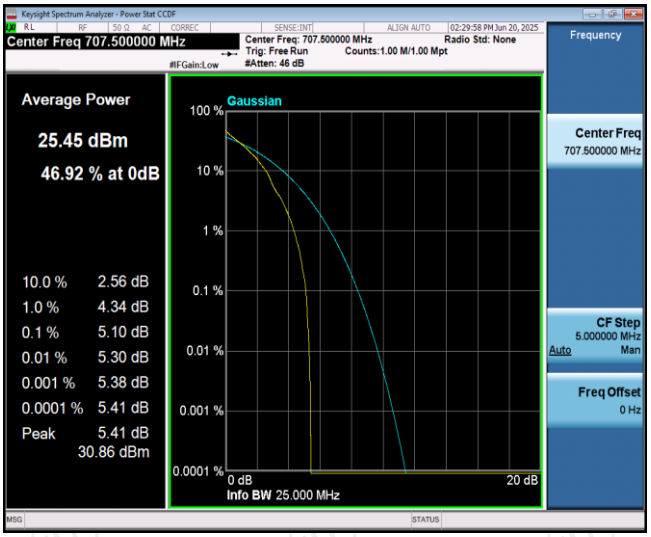

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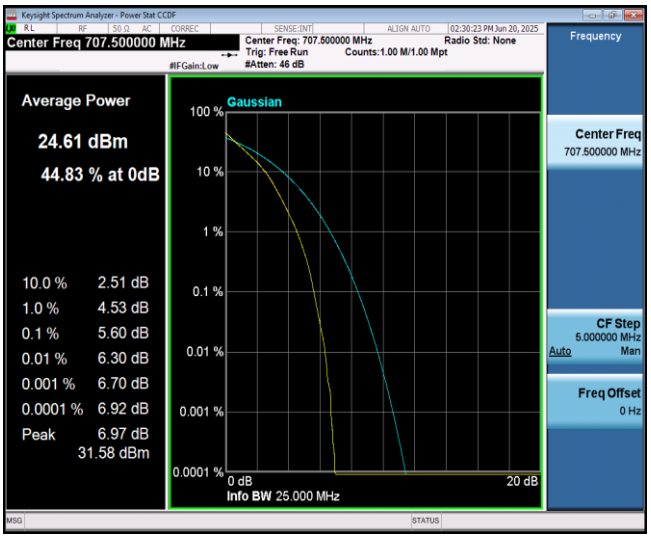

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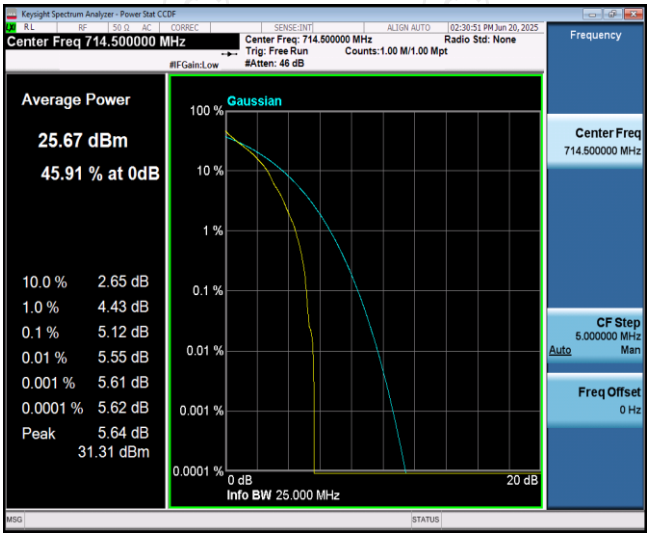

Band12-3MHz-QPSK-23165-1RB#0

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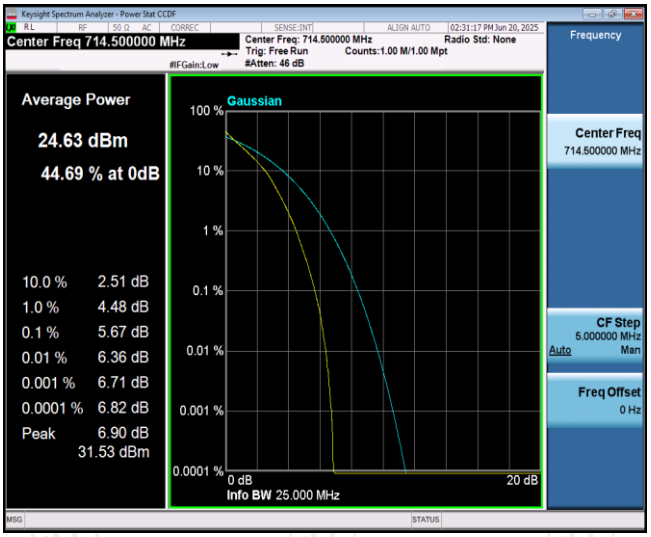

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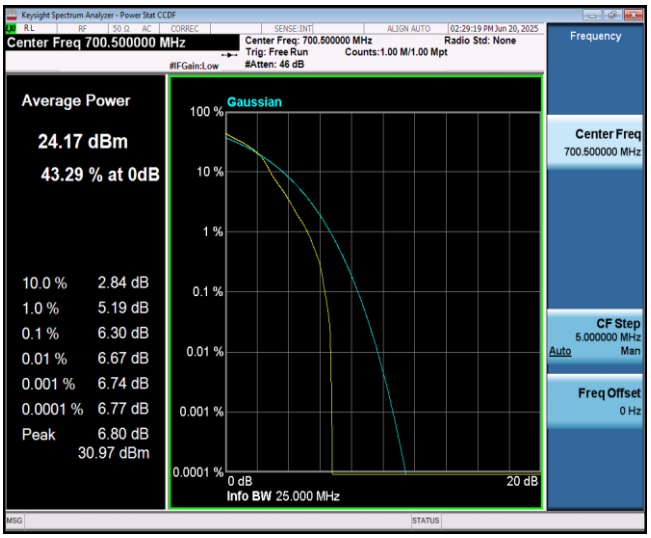

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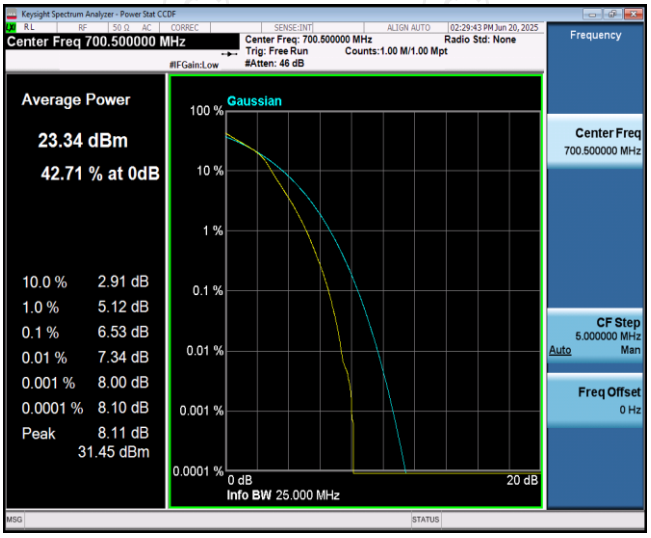

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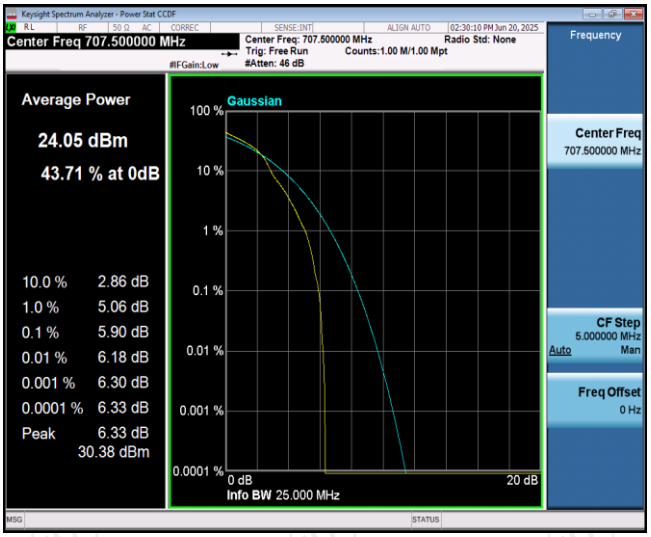

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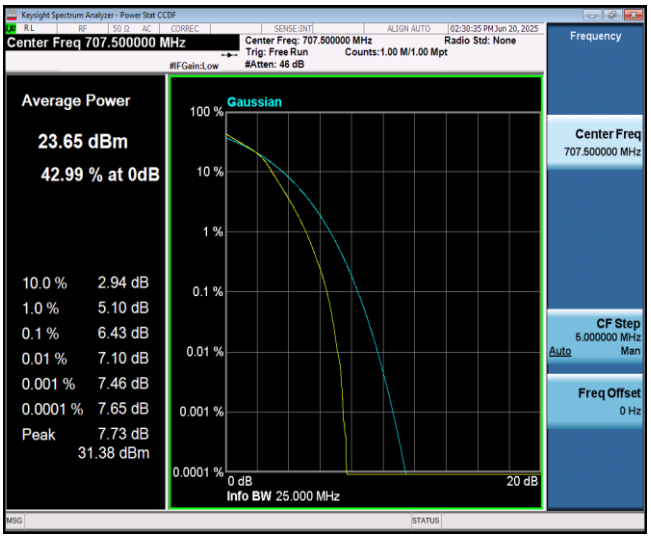

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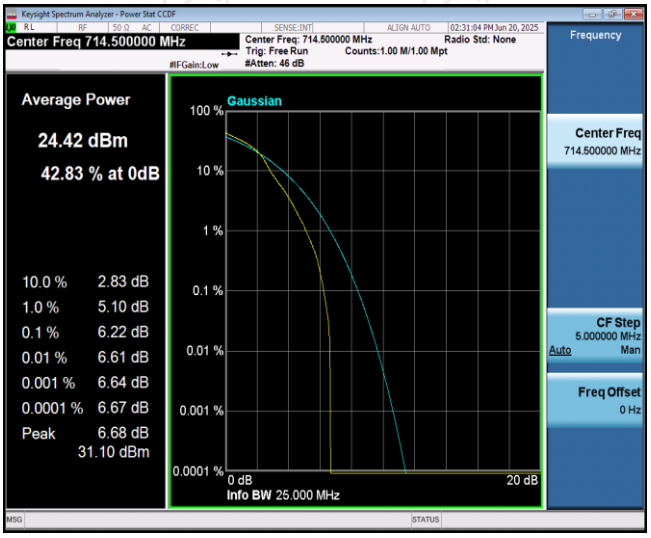

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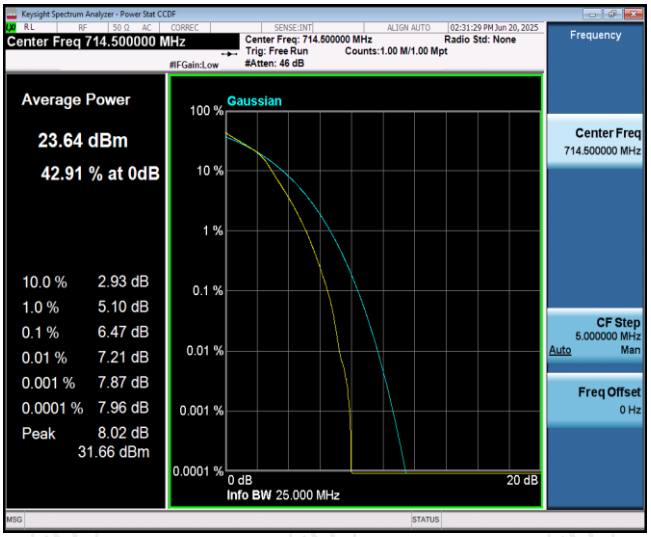

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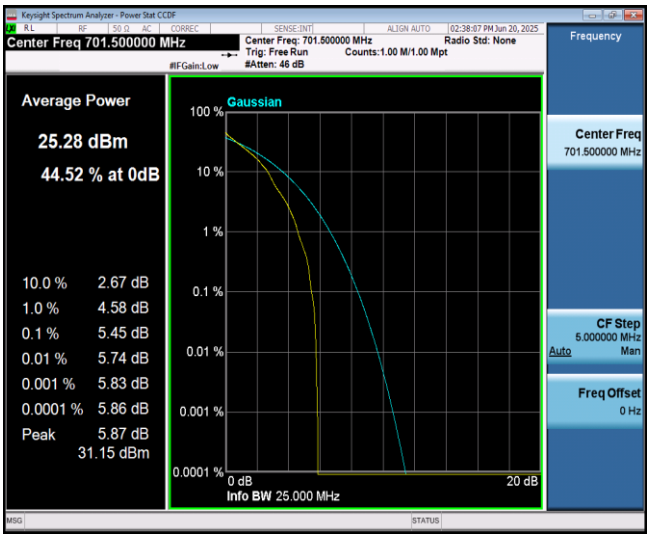
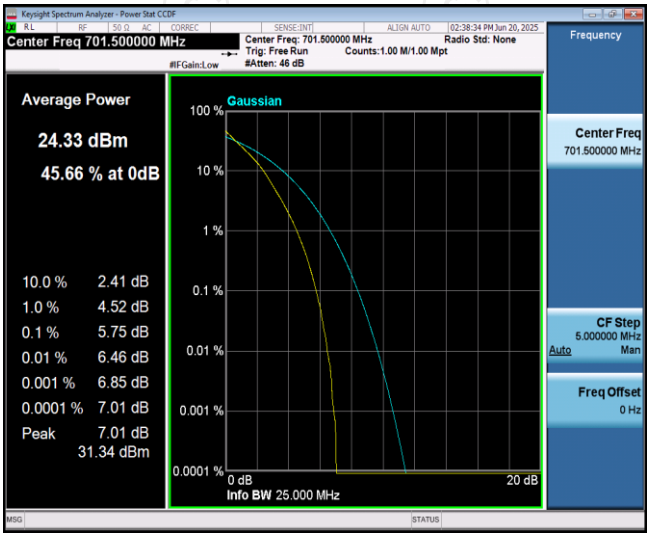


Band12-5MHz-QPSK-23035-1RB#0



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

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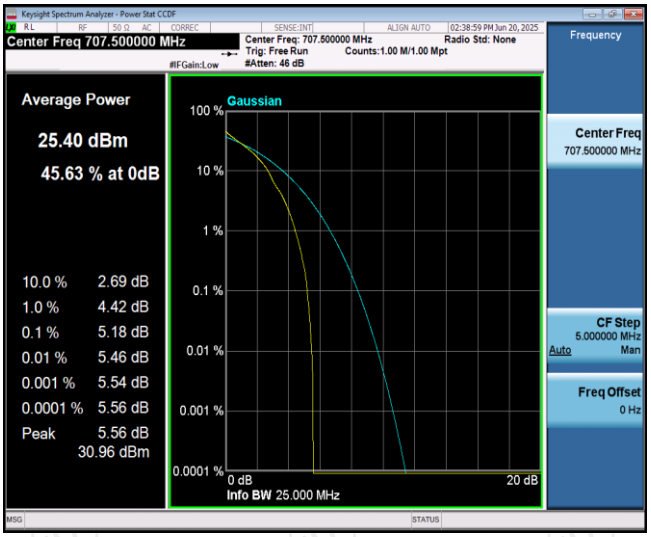

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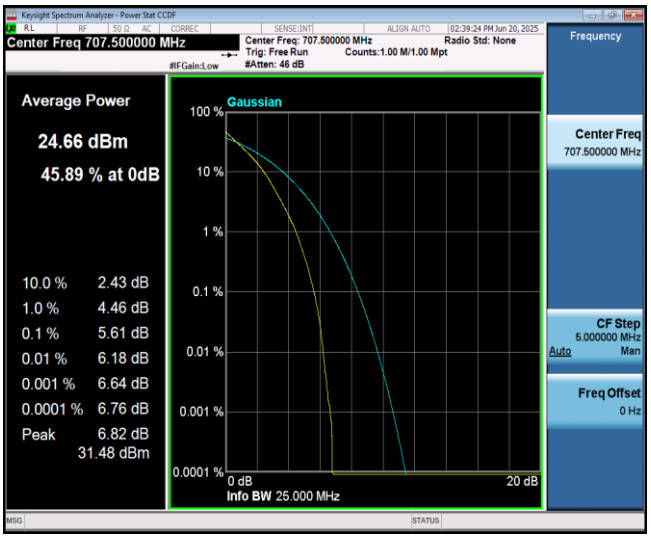

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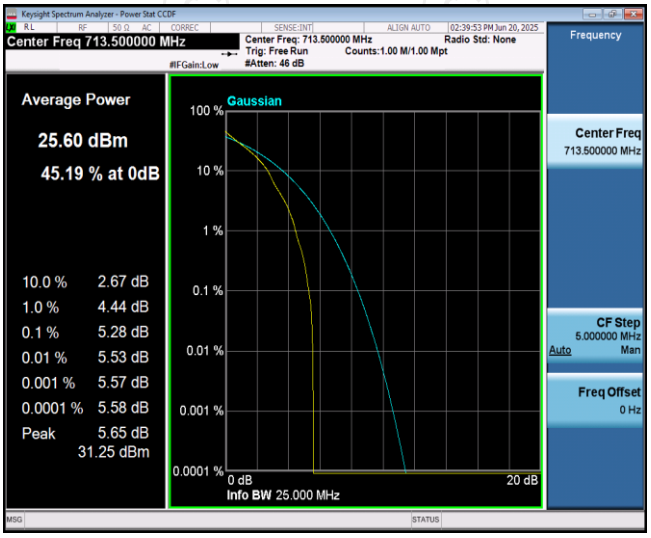

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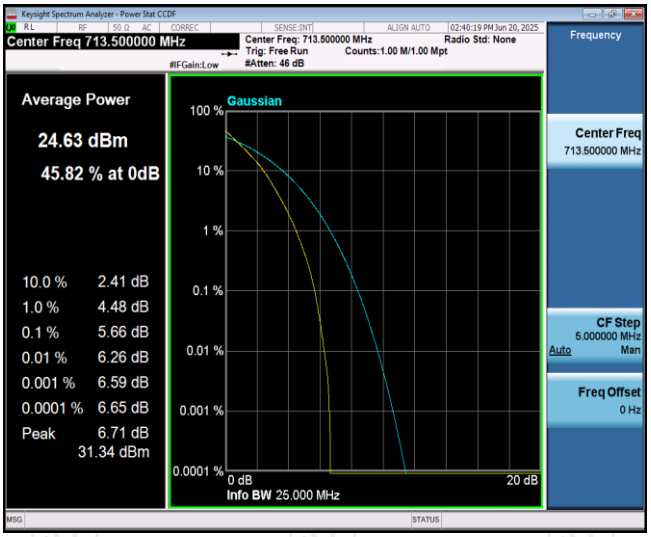

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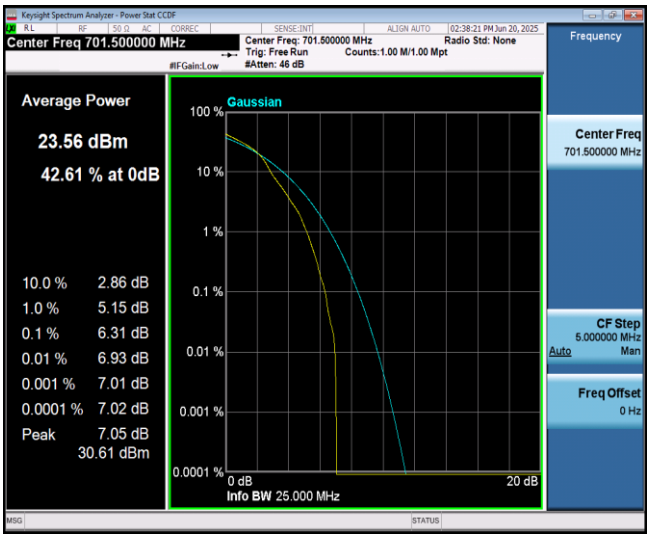

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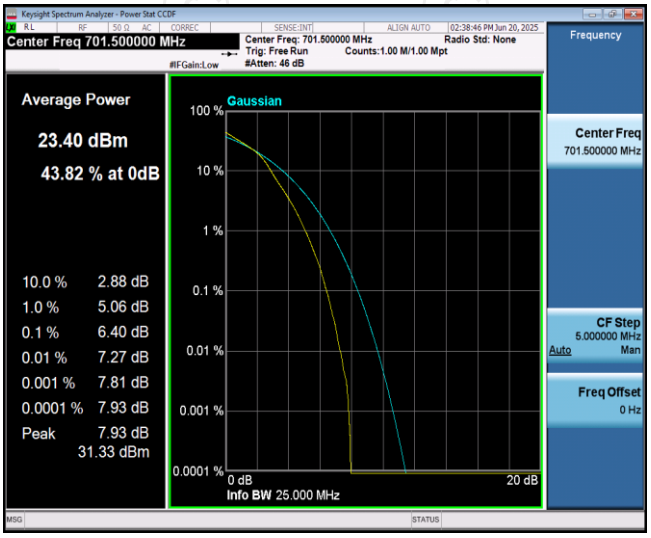

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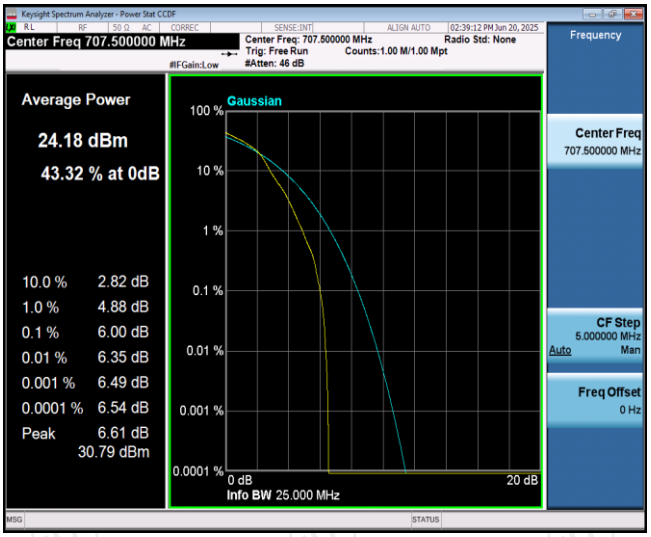

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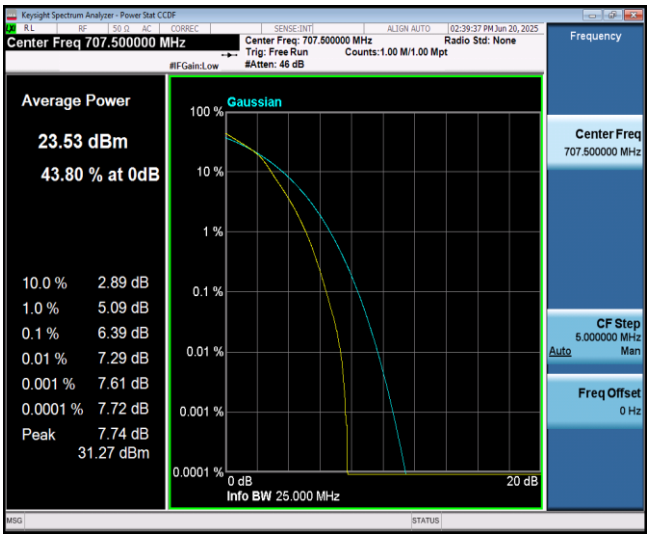

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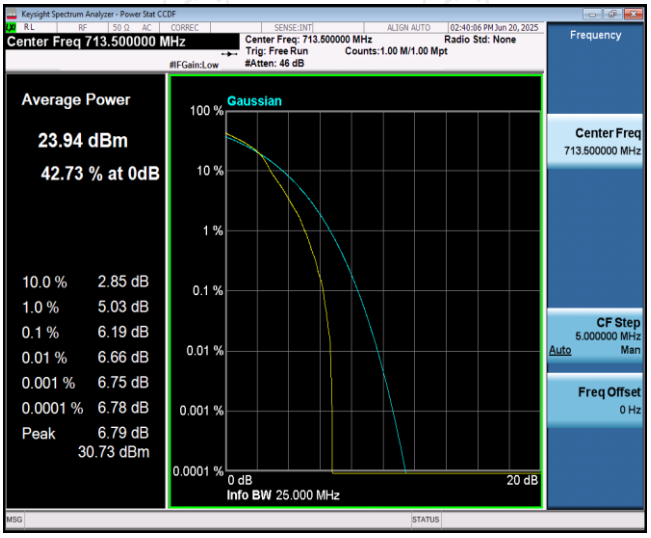

Band12-5MHz-16QAM-23155-1RB#0

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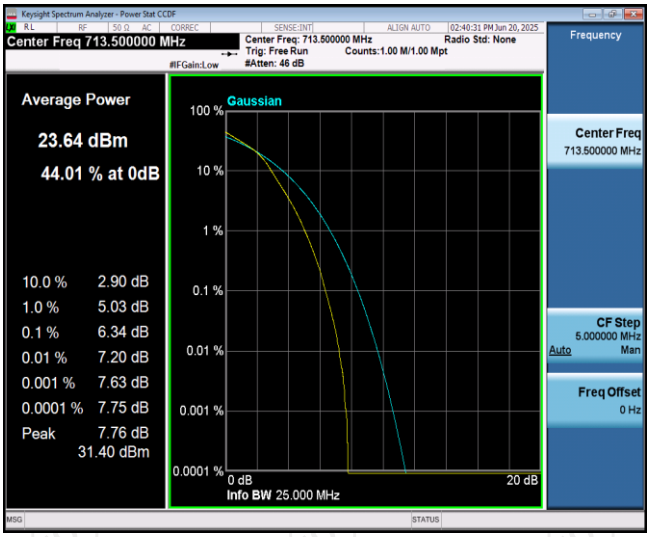

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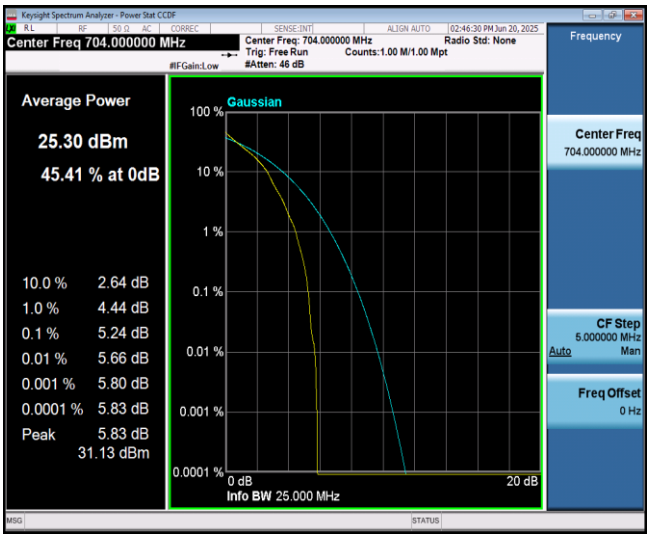

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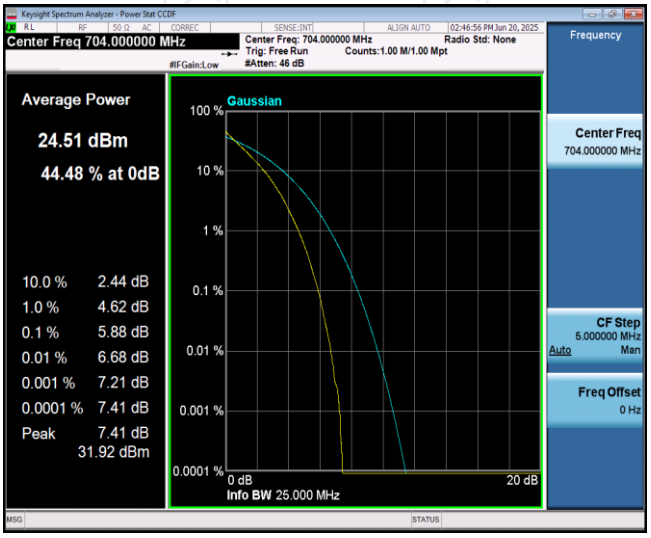

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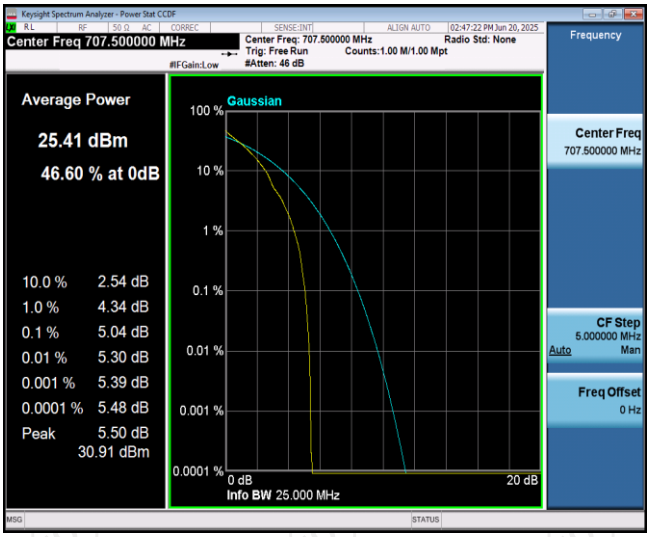

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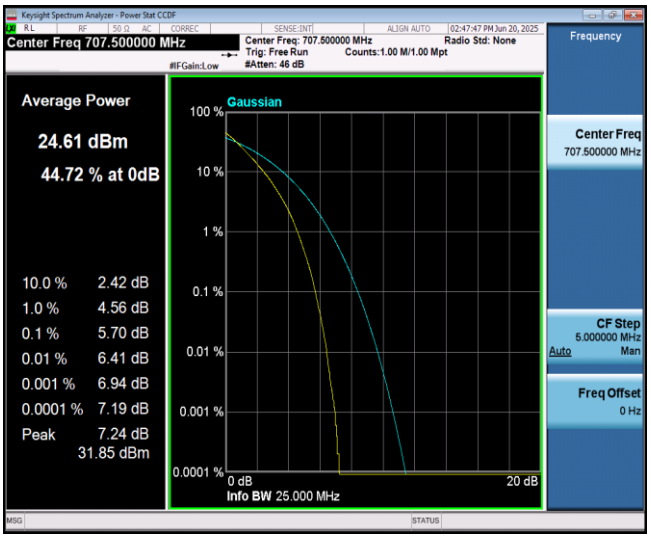

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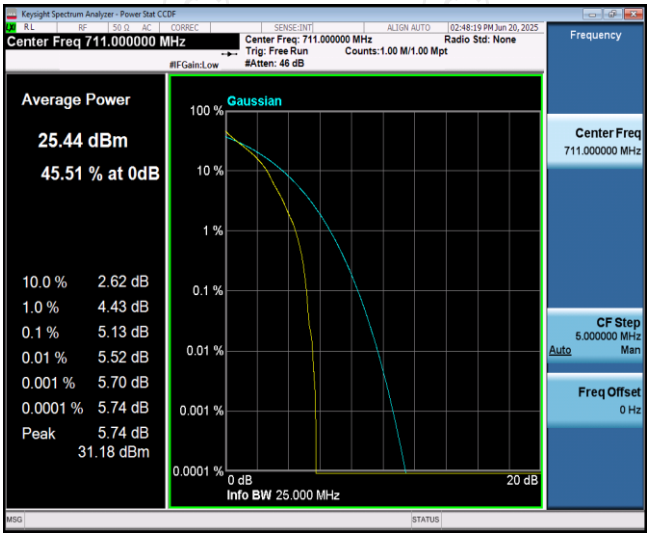

Band12-10MHz-QPSK-23130-1RB#0

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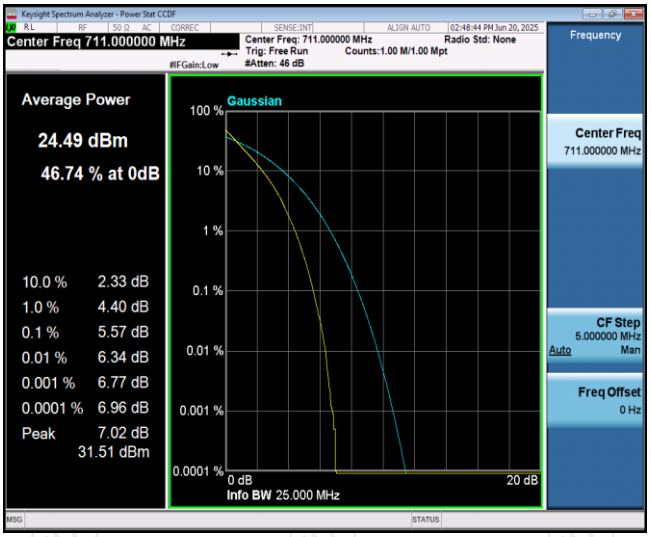

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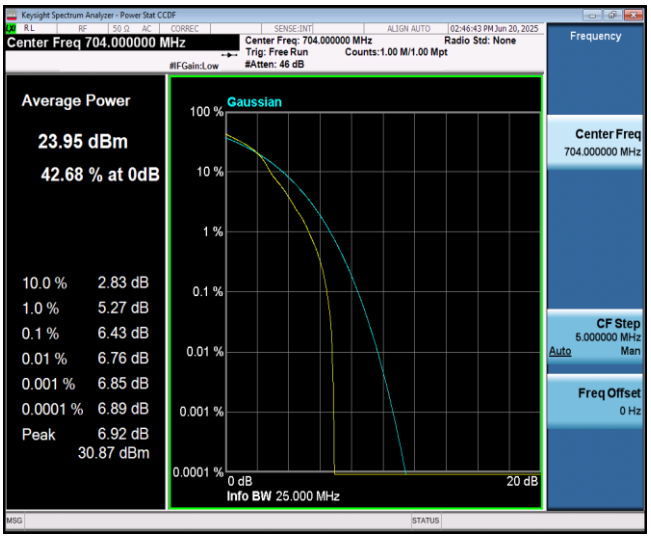

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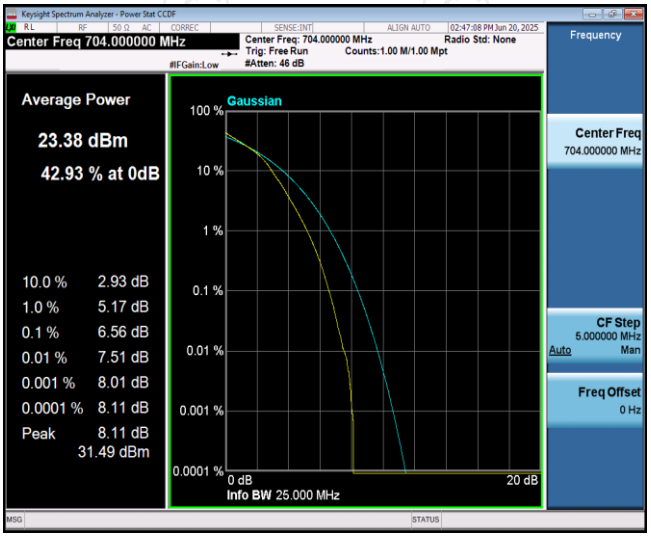

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