

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	E.R.P (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.18	20.84	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.09	20.75	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.14	20.80	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.18	20.84	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.17	20.83	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.21	20.87	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.07	19.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.43	21.09	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.22	20.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.31	20.97	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	21.96	20.62	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	21.95	20.61	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.07	20.73	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.28	19.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.08	20.74	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.07	20.73	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.01	20.67	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.14	20.80	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.14	20.80	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.16	20.82	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.02	19.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.11	19.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	20.95	19.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.21	19.87	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.09	19.75	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.09	19.75	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.11	19.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.31	18.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.12	19.78	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.02	19.68	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.17	19.83	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	21.08	19.74	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.04	19.70	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.02	19.68	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.17	18.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.57	20.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.49	20.15	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.61	20.27	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.76	19.42	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	20.86	19.52	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.78	19.44	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.19	18.85	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.12	20.78	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.09	20.75	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.13	20.79	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.21	19.87	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.10	19.76	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.16	19.82	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.07	19.73	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.23	20.89	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.15	20.81	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.08	20.74	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.27	19.93	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.27	19.93	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.24	19.90	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.13	19.79	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.16	20.82	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.21	20.87	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.31	20.97	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.18	19.84	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.21	19.87	PASS
Band12	3MHz	QPSK	23165	8RB#7	20.97	19.63	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.19	19.85	PASS
Band12	3MHz	16QAM	23025	1RB#0	20.81	19.47	PASS
Band12	3MHz	16QAM	23025	1RB#8	20.67	19.33	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.03	19.69	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.40	19.06	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.47	19.13	PASS

Band12	3MHz	16QAM	23025	8RB#7	21.02	19.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.15	18.81	PASS
Band12	3MHz	16QAM	23095	1RB#0	20.86	19.52	PASS
Band12	3MHz	16QAM	23095	1RB#8	20.86	19.52	PASS
Band12	3MHz	16QAM	23095	1RB#14	20.97	19.63	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.77	19.43	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.81	19.47	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.21	18.87	PASS
Band12	3MHz	16QAM	23095	15RB#0	19.93	18.59	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.24	19.90	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.00	19.66	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.05	19.71	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.08	18.74	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.02	18.68	PASS
Band12	3MHz	16QAM	23165	8RB#7	19.96	18.62	PASS
Band12	3MHz	16QAM	23165	15RB#0	19.91	18.57	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.11	20.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.17	20.83	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.16	20.82	PASS
Band12	5MHz	QPSK	23035	12RB#0	20.96	19.62	PASS
Band12	5MHz	QPSK	23035	12RB#6	20.97	19.63	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.23	19.89	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.27	19.93	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.23	20.89	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.16	20.82	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.26	20.92	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.30	19.96	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.18	19.84	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.18	19.84	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.30	19.96	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.19	20.85	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.07	20.73	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.27	20.93	PASS
Band12	5MHz	QPSK	23155	12RB#0	20.97	19.63	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.05	19.71	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.16	19.82	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.13	19.79	PASS

Band12	5MHz	16QAM	23035	1RB#0	20.48	19.14	PASS
Band12	5MHz	16QAM	23035	1RB#12	20.52	19.18	PASS
Band12	5MHz	16QAM	23035	1RB#24	20.37	19.03	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.13	18.79	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.17	18.83	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.74	19.40	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.97	19.63	PASS
Band12	5MHz	16QAM	23095	1RB#0	20.98	19.64	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.01	19.67	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.56	20.22	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.58	19.24	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.67	19.33	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.00	18.66	PASS
Band12	5MHz	16QAM	23095	25RB#0	19.87	18.53	PASS
Band12	5MHz	16QAM	23155	1RB#0	20.76	19.42	PASS
Band12	5MHz	16QAM	23155	1RB#12	20.85	19.51	PASS
Band12	5MHz	16QAM	23155	1RB#24	20.96	19.62	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.08	18.74	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.07	18.73	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.08	18.74	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.04	18.70	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.14	20.80	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.11	20.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.08	20.74	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.23	19.89	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.23	19.89	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.40	20.06	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.21	19.87	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.08	20.74	PASS
Band12	10MHz	QPSK	23095	1RB#24	21.97	20.63	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.01	20.67	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.14	19.80	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.14	19.80	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.66	20.32	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.22	19.88	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.34	21.00	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.31	20.97	PASS

Band12	10MHz	QPSK	23130	1RB#49	22.27	20.93	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.16	19.82	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.15	19.81	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.20	19.86	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.59	20.25	PASS
Band12	10MHz	16QAM	23060	1RB#0	20.80	19.46	PASS
Band12	10MHz	16QAM	23060	1RB#24	20.77	19.43	PASS
Band12	10MHz	16QAM	23060	1RB#49	20.50	19.16	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.78	19.44	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.79	19.45	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.76	19.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.06	18.72	PASS
Band12	10MHz	16QAM	23095	1RB#0	20.94	19.60	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.01	19.67	PASS
Band12	10MHz	16QAM	23095	1RB#49	20.86	19.52	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.84	19.50	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.85	19.51	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.83	19.49	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.19	18.85	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.53	20.19	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.08	20.74	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.51	20.17	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.14	18.80	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.18	18.84	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.14	18.80	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.76	19.42	PASS

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

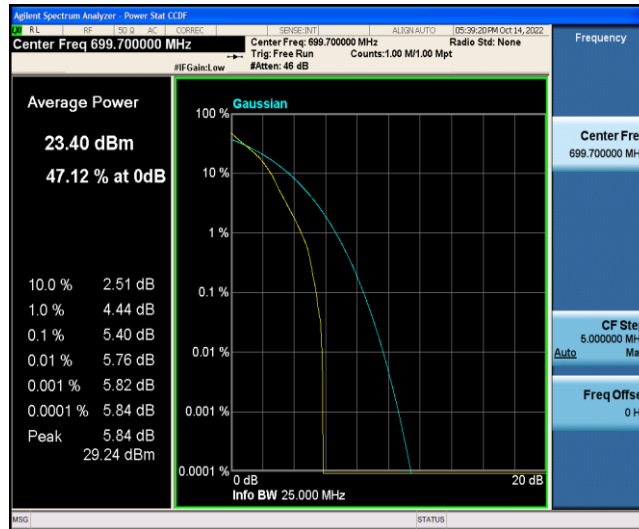
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.40	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.77	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.10	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.62	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.89	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.37	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.26	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.29	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.88	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.40	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.67	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.06	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.29	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.77	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.09	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.60	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.18	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.43	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.39	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.45	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.95	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.44	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.23	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.28	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.67	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.37	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.62	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.65	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.49	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.30	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.26	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.07	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.46	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.27	13	PASS

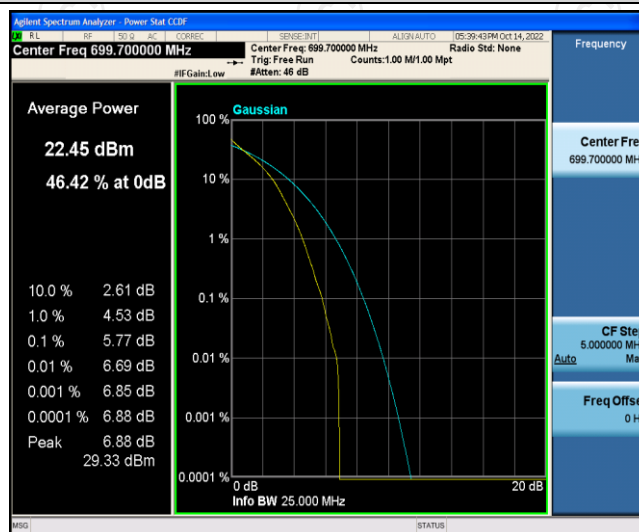
Band12	5MHz	16QAM	23155	25RB#0	6.29	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.30	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.68	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.20	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.62	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.24	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.50	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.28	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.42	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.96	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.46	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.42	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.20	13	PASS

Test Graphs

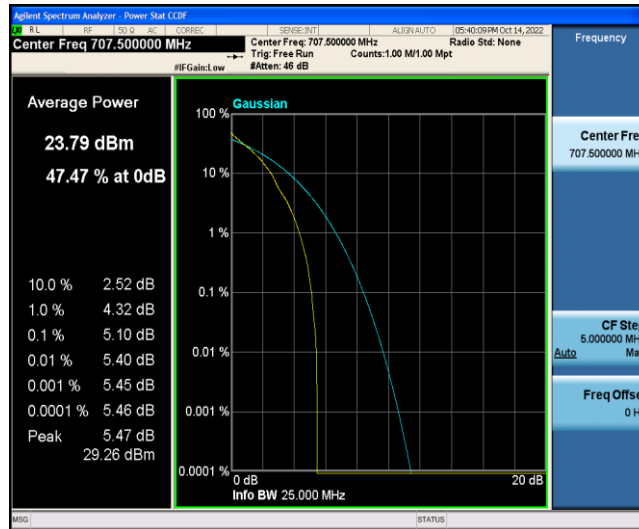
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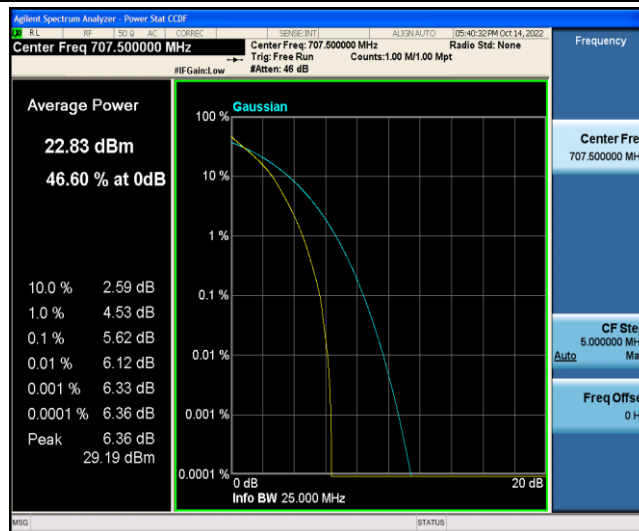
Band12-1.4MHz-QPSK-23017-6RB#0



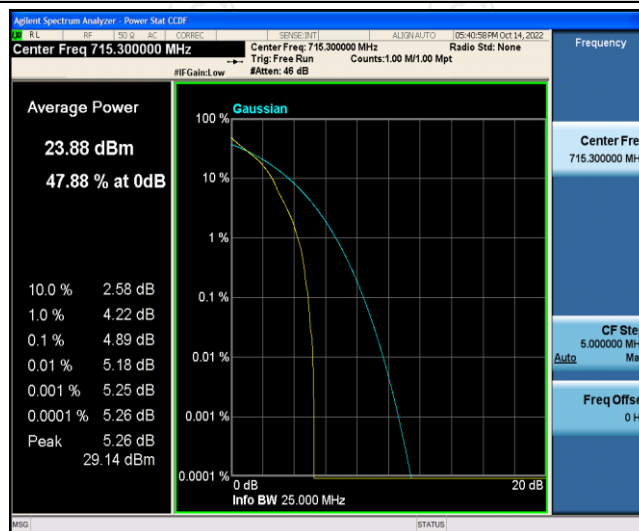
Band12-1.4MHz-QPSK-23095-1RB#0



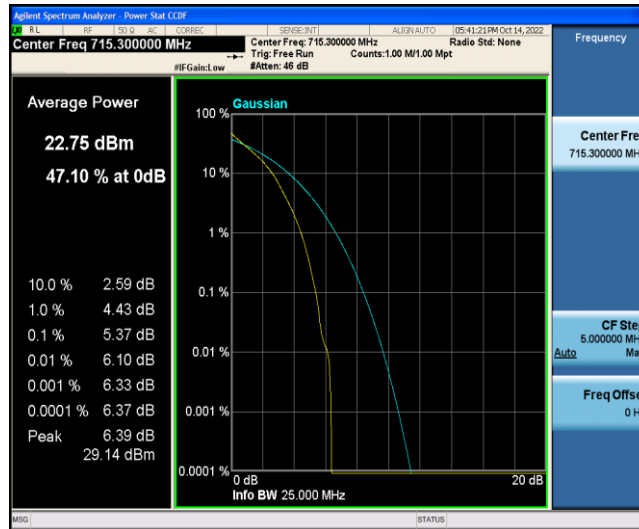
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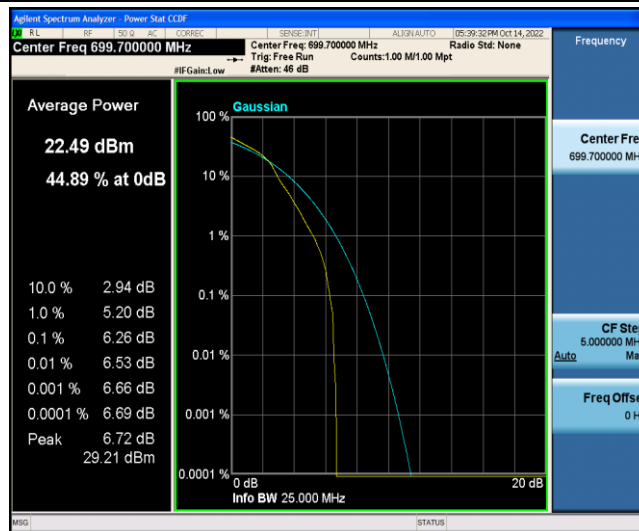
Band12-1.4MHz-QPSK-23173-1RB#0



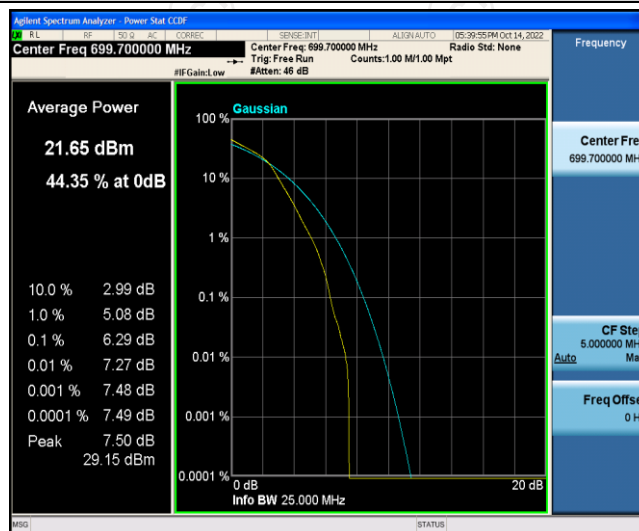
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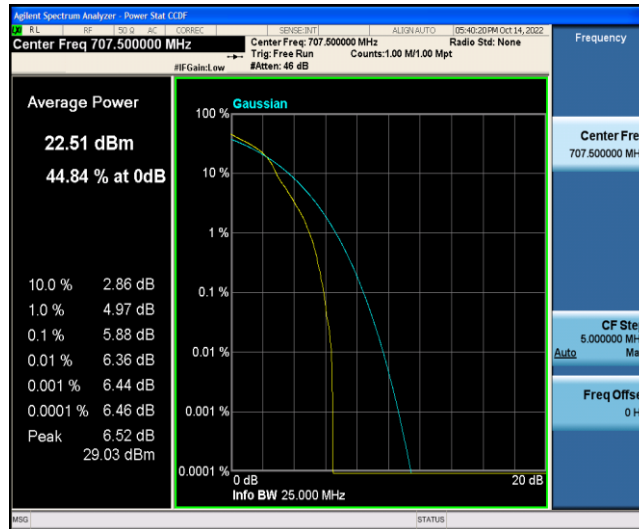
Band12-1.4MHz-16QAM-23017-1RB#0



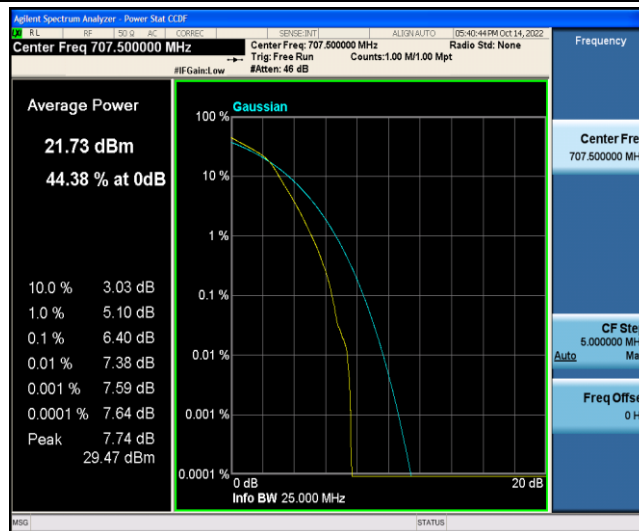
Band12-1.4MHz-16QAM-23017-6RB#0



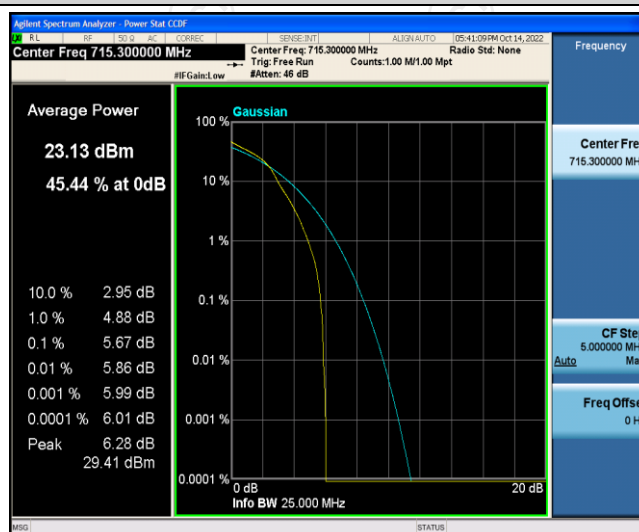
Band12-1.4MHz-16QAM-23095-1RB#0



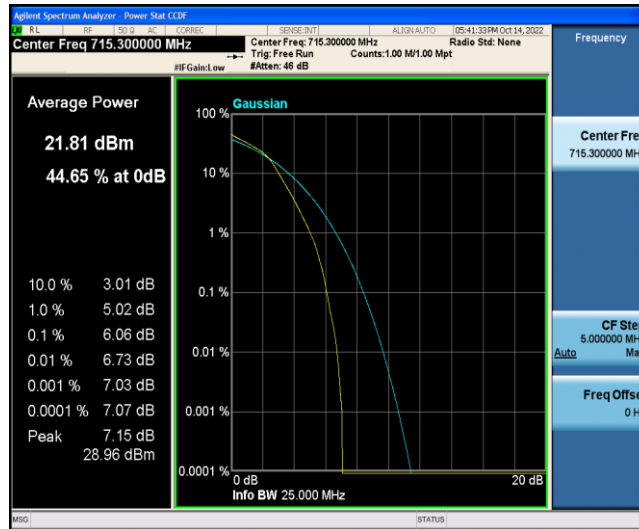
Band12-1.4MHz-16QAM-23095-6RB#0



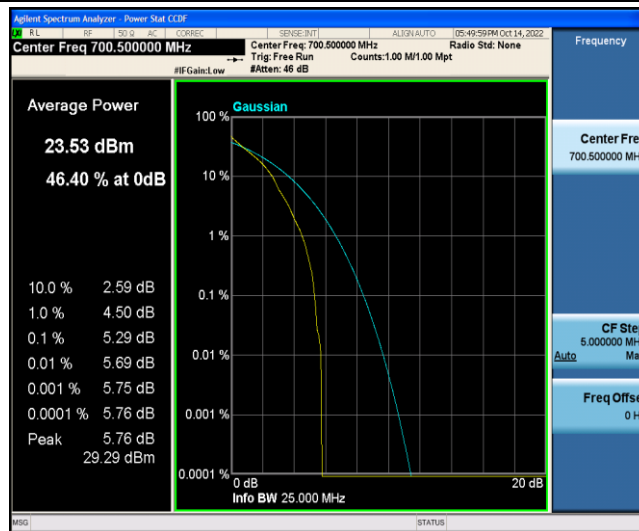
Band12-1.4MHz-16QAM-23173-1RB#0



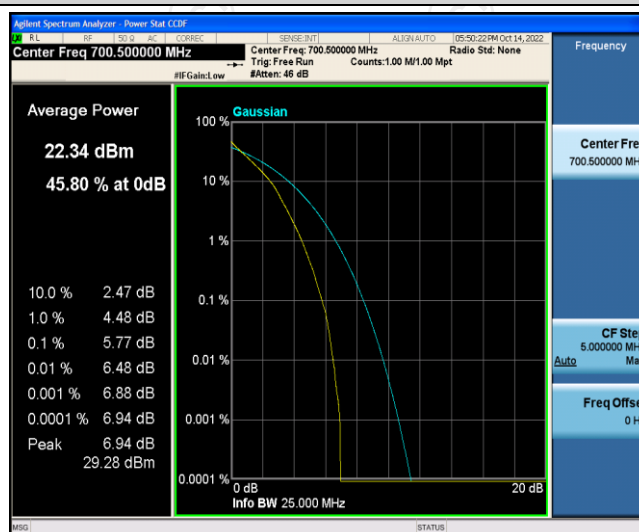
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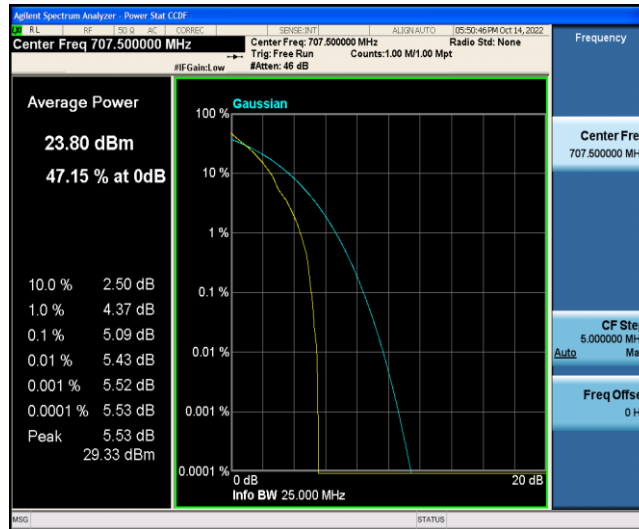
Band12-3MHz-QPSK-23025-1RB#0



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



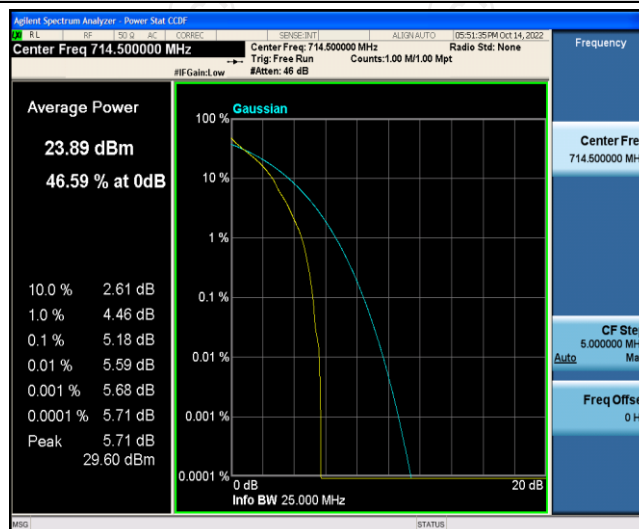
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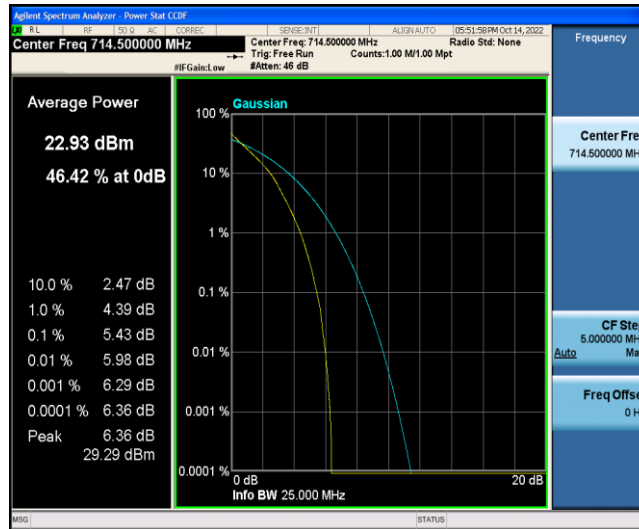
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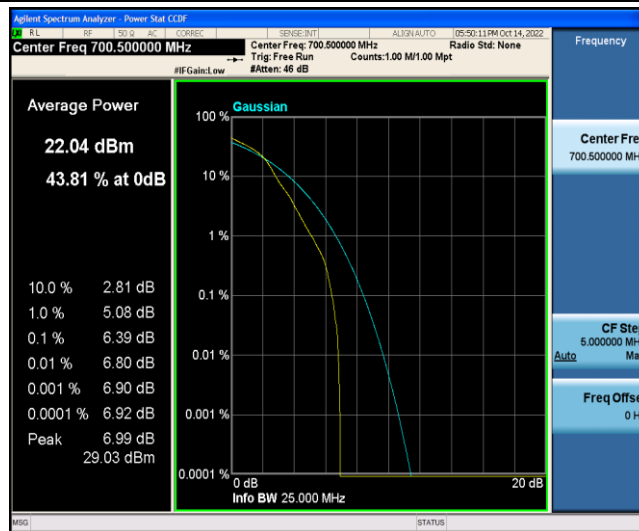
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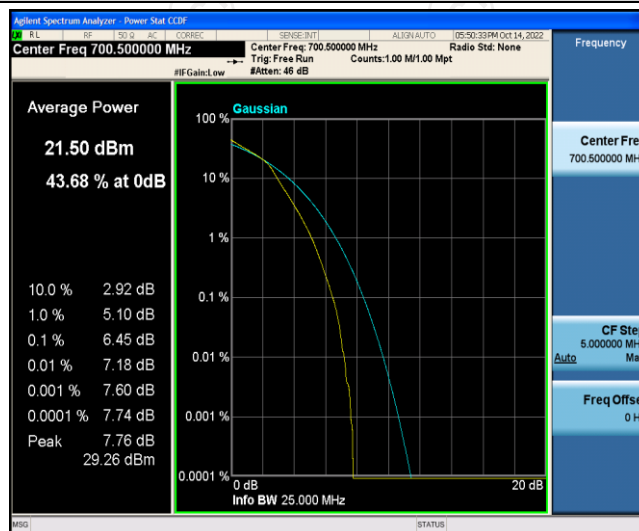
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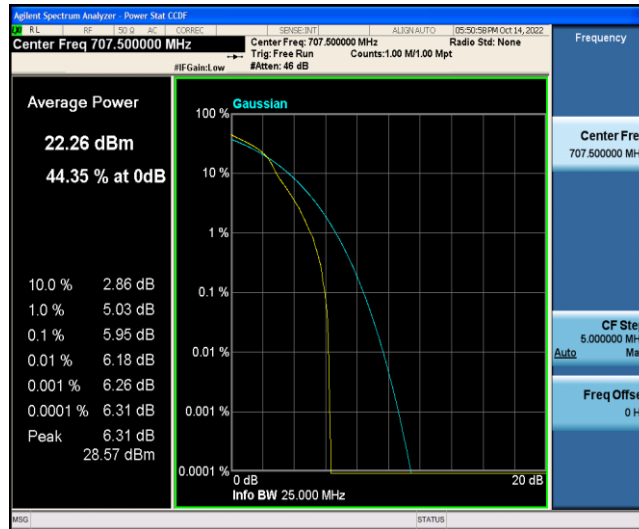
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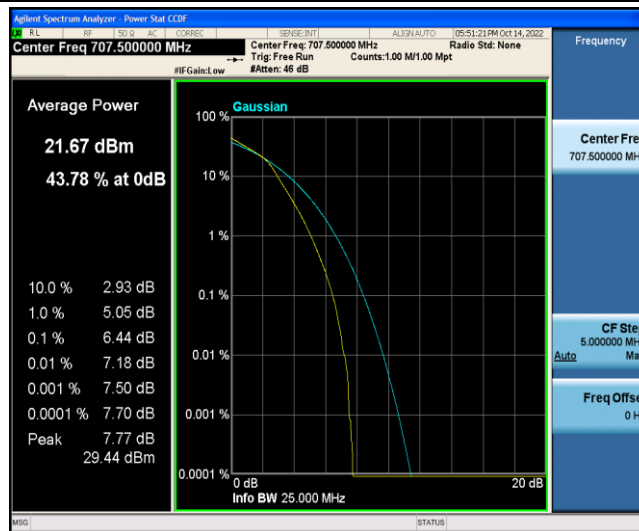
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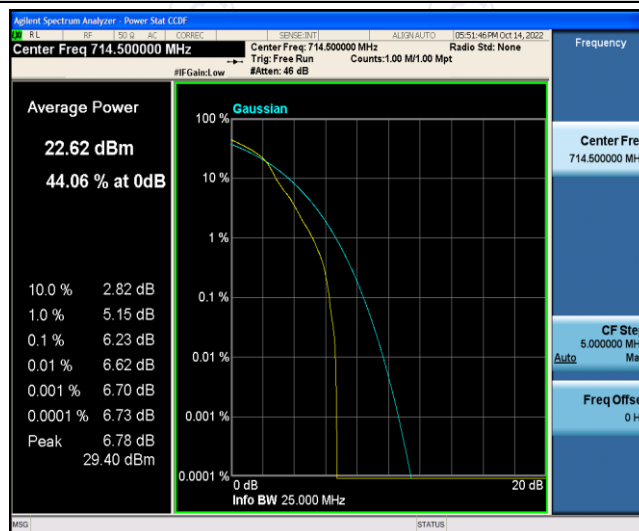
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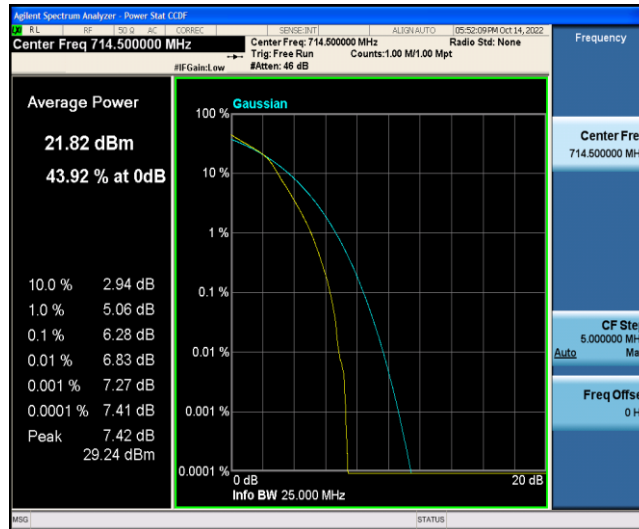
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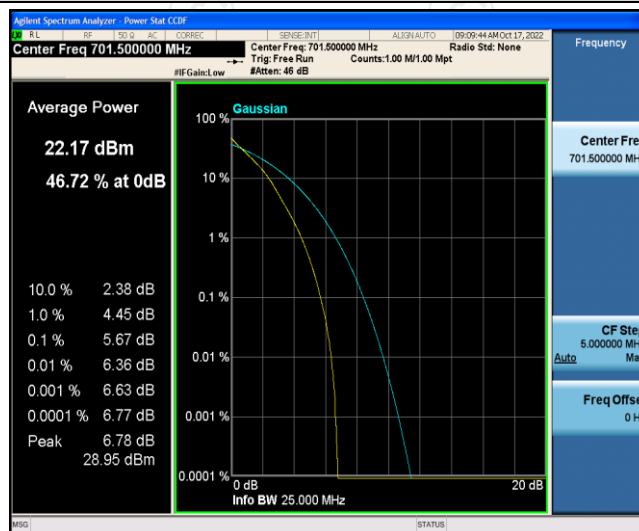
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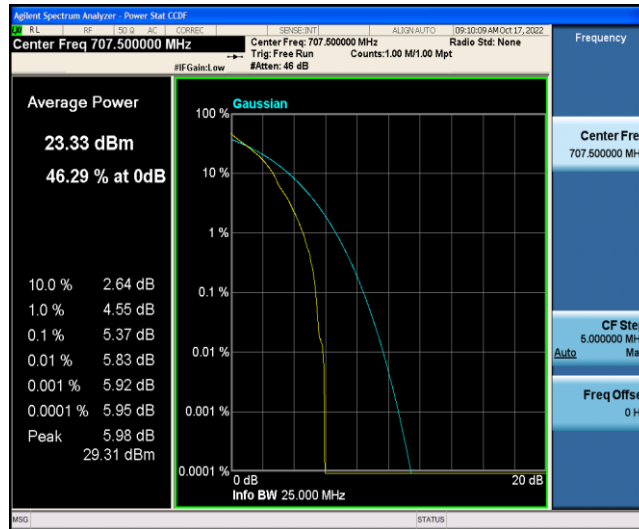
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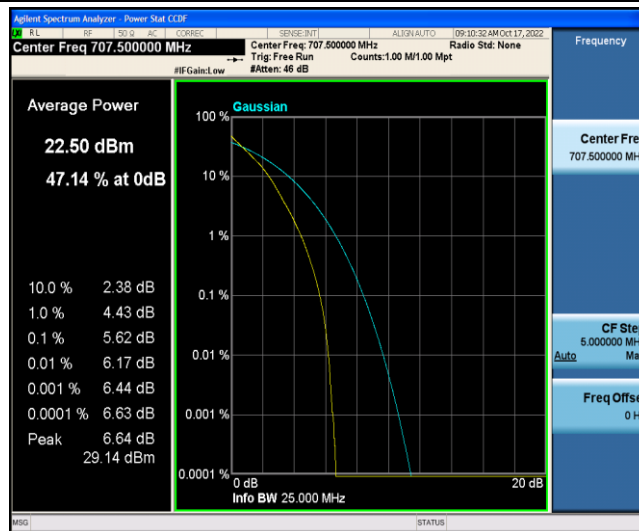
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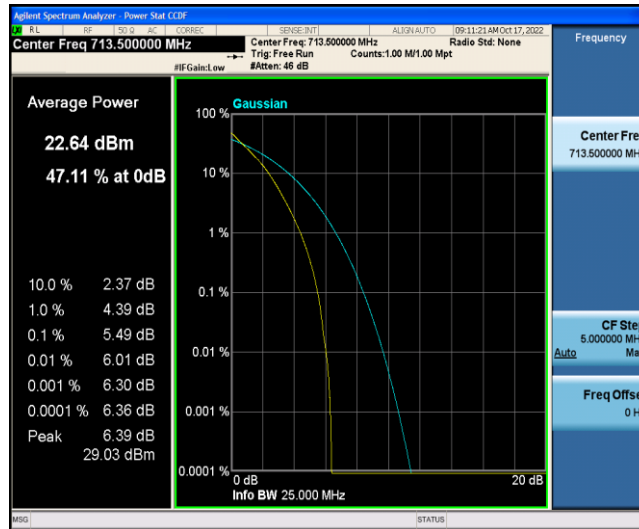
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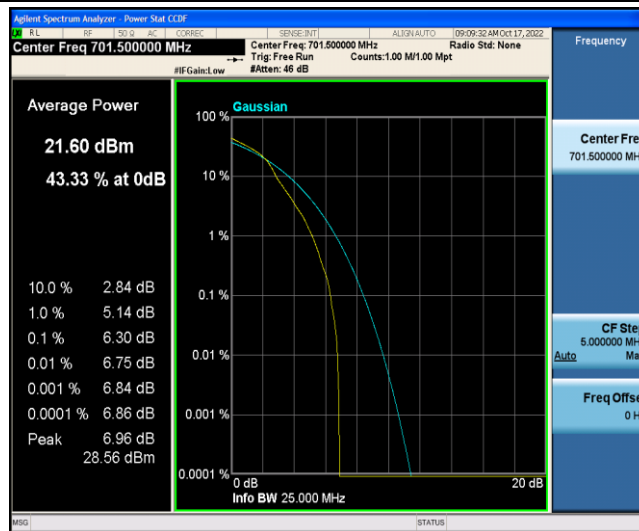
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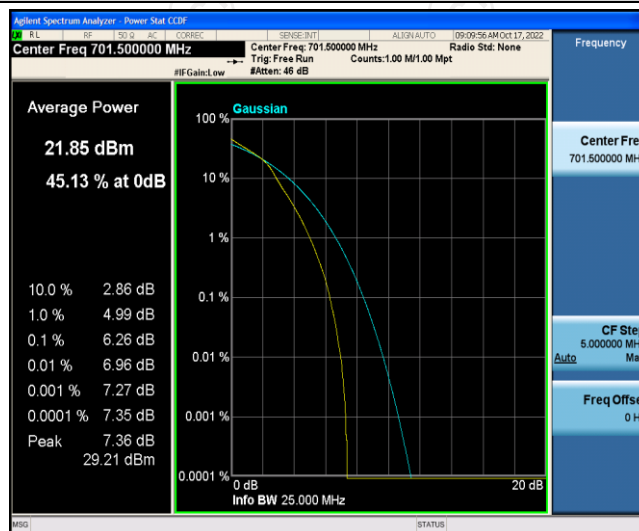
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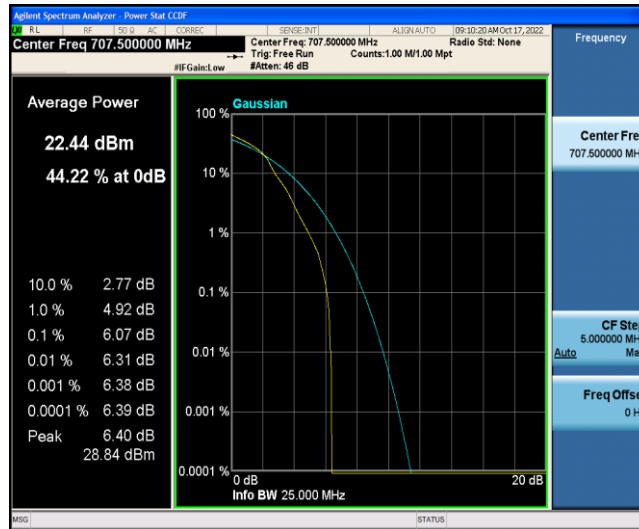
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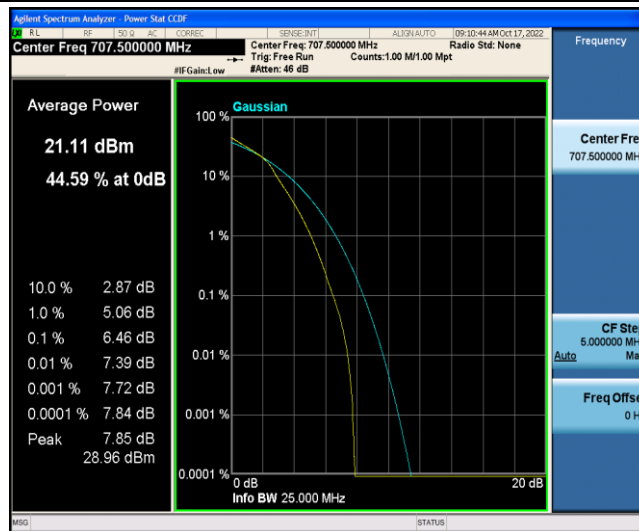
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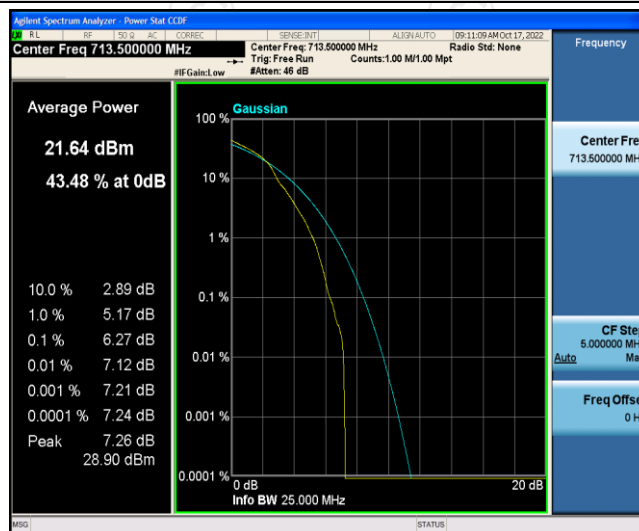
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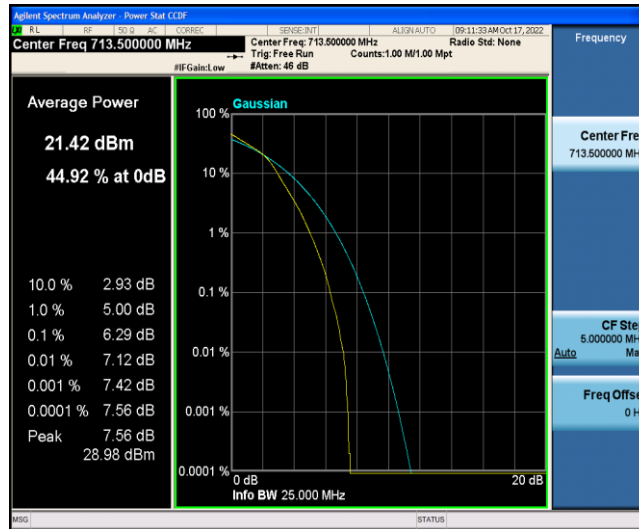
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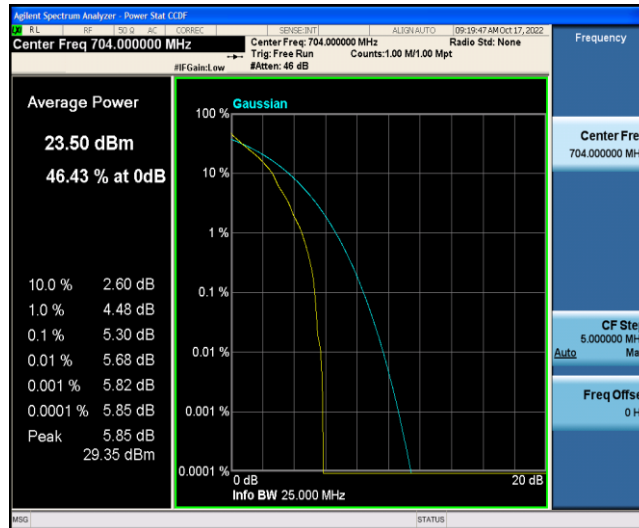
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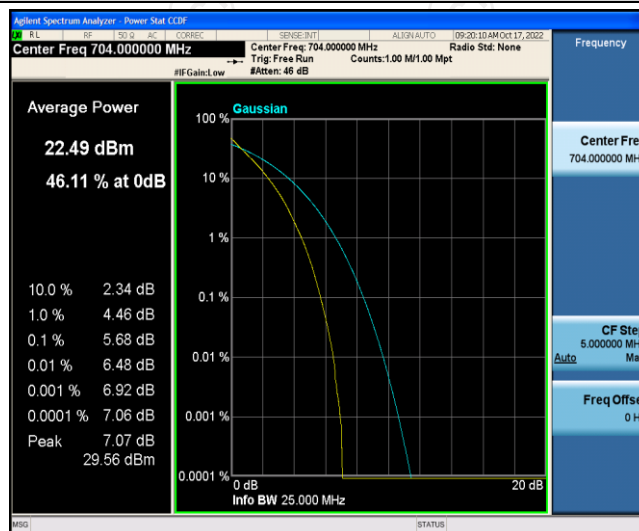
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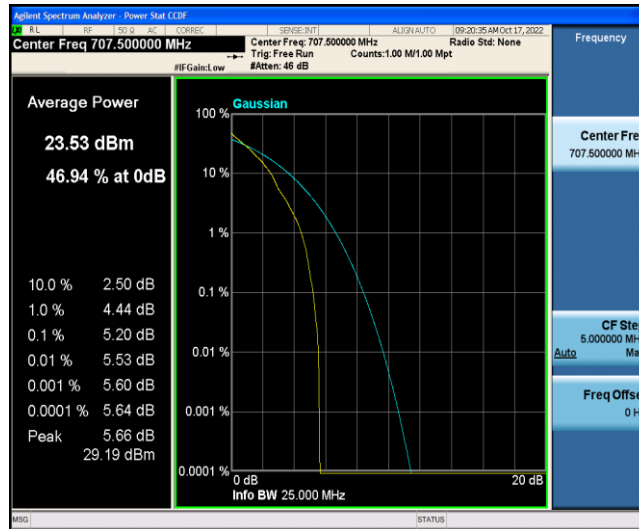
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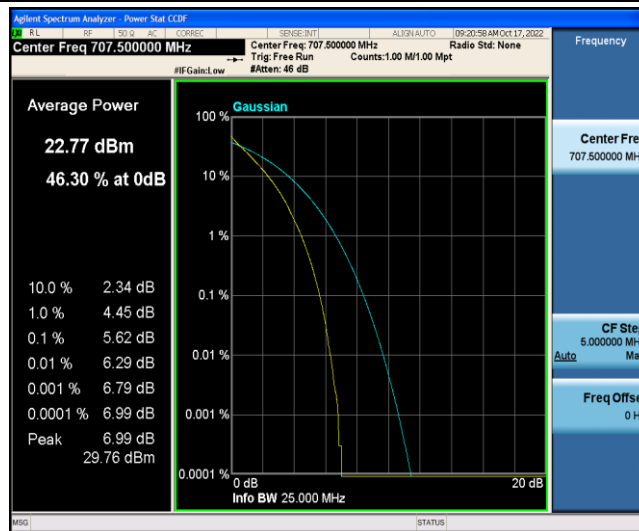
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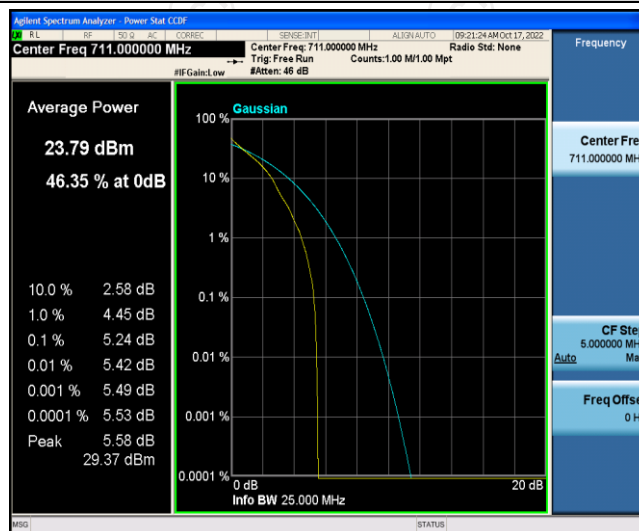
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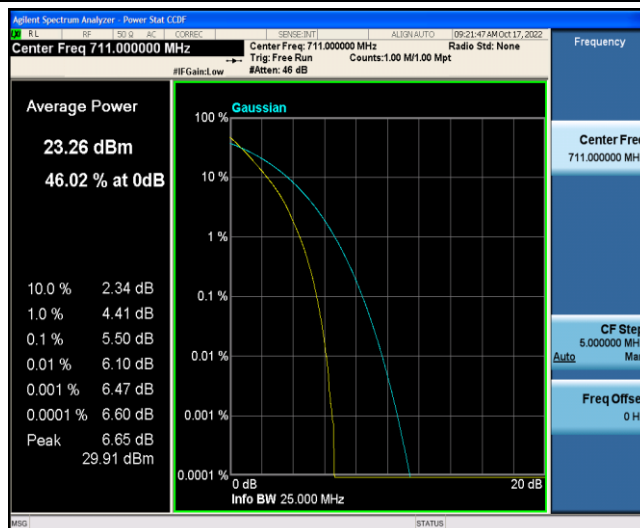
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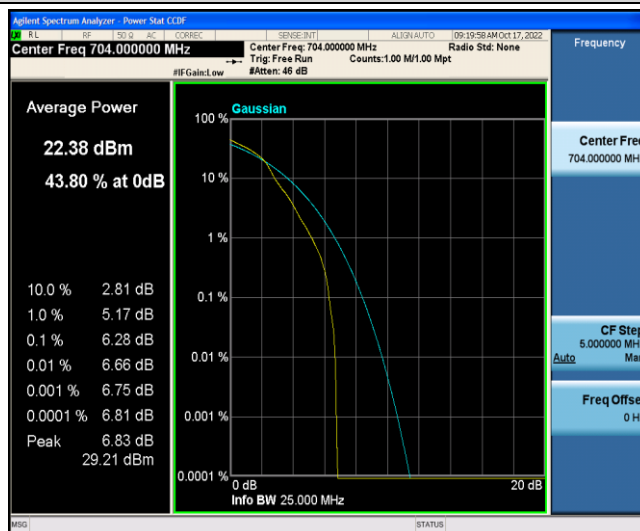
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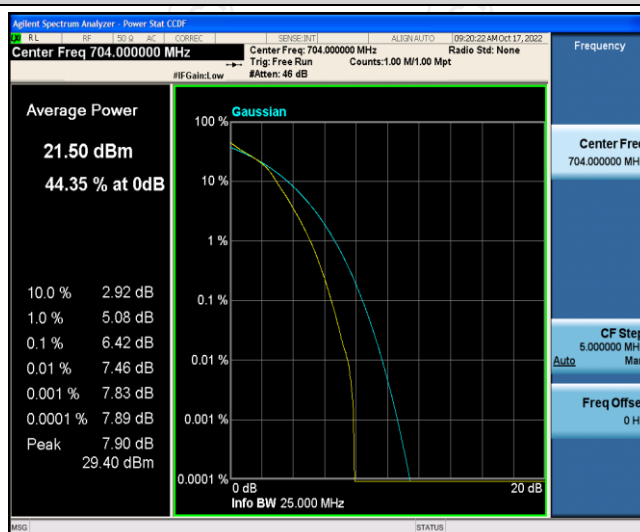
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