

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	E.R.P(dBm)	Verdict
1.4MHz	QPSK	23017	1RB#0	23.58	22.73	PASS
1.4MHz	QPSK	23017	1RB#2	23.67	22.82	PASS
1.4MHz	QPSK	23017	1RB#5	23.81	22.96	PASS
1.4MHz	QPSK	23017	3RB#0	23.61	22.76	PASS
1.4MHz	QPSK	23017	3RB#1	23.68	22.83	PASS
1.4MHz	QPSK	23017	3RB#3	23.51	22.66	PASS
1.4MHz	QPSK	23017	6RB#0	22.67	21.82	PASS
1.4MHz	QPSK	23095	1RB#0	23.61	22.76	PASS
1.4MHz	QPSK	23095	1RB#2	23.76	22.91	PASS
1.4MHz	QPSK	23095	1RB#5	23.70	22.85	PASS
1.4MHz	QPSK	23095	3RB#0	23.62	22.77	PASS
1.4MHz	QPSK	23095	3RB#1	23.61	22.76	PASS
1.4MHz	QPSK	23095	3RB#3	23.54	22.69	PASS
1.4MHz	QPSK	23095	6RB#0	22.69	21.84	PASS
1.4MHz	QPSK	23173	1RB#0	23.69	22.84	PASS
1.4MHz	QPSK	23173	1RB#2	23.84	22.99	PASS
1.4MHz	QPSK	23173	1RB#5	24.10	23.25	PASS
1.4MHz	QPSK	23173	3RB#0	23.56	22.71	PASS
1.4MHz	QPSK	23173	3RB#1	23.55	22.70	PASS
1.4MHz	QPSK	23173	3RB#3	23.86	23.01	PASS
1.4MHz	QPSK	23173	6RB#0	22.69	21.84	PASS
1.4MHz	16QAM	23017	1RB#0	22.74	21.89	PASS
1.4MHz	16QAM	23017	1RB#2	23.08	22.23	PASS
1.4MHz	16QAM	23017	1RB#5	22.88	22.03	PASS
1.4MHz	16QAM	23017	3RB#0	22.37	21.52	PASS
1.4MHz	16QAM	23017	3RB#1	22.50	21.65	PASS
1.4MHz	16QAM	23017	3RB#3	22.42	21.57	PASS
1.4MHz	16QAM	23017	6RB#0	21.72	20.87	PASS
1.4MHz	16QAM	23095	1RB#0	22.90	22.05	PASS
1.4MHz	16QAM	23095	1RB#2	22.77	21.92	PASS

1.4MHz	16QAM	23095	1RB#5	22.83	21.98	PASS
1.4MHz	16QAM	23095	3RB#0	22.48	21.63	PASS
1.4MHz	16QAM	23095	3RB#1	22.47	21.62	PASS
1.4MHz	16QAM	23095	3RB#3	22.49	21.64	PASS
1.4MHz	16QAM	23095	6RB#0	21.61	20.76	PASS
1.4MHz	16QAM	23173	1RB#0	22.70	21.85	PASS
1.4MHz	16QAM	23173	1RB#2	23.05	22.20	PASS
1.4MHz	16QAM	23173	1RB#5	23.02	22.17	PASS
1.4MHz	16QAM	23173	3RB#0	22.49	21.64	PASS
1.4MHz	16QAM	23173	3RB#1	22.48	21.63	PASS
1.4MHz	16QAM	23173	3RB#3	22.65	21.80	PASS
1.4MHz	16QAM	23173	6RB#0	21.74	20.89	PASS
3MHz	QPSK	23025	1RB#0	23.72	22.87	PASS
3MHz	QPSK	23025	1RB#8	23.52	22.67	PASS
3MHz	QPSK	23025	1RB#14	23.64	22.79	PASS
3MHz	QPSK	23025	8RB#0	22.59	21.74	PASS
3MHz	QPSK	23025	8RB#4	22.59	21.74	PASS
3MHz	QPSK	23025	8RB#7	22.61	21.76	PASS
3MHz	QPSK	23025	15RB#0	22.64	21.79	PASS
3MHz	QPSK	23095	1RB#0	23.59	22.74	PASS
3MHz	QPSK	23095	1RB#8	23.46	22.61	PASS
3MHz	QPSK	23095	1RB#14	23.49	22.64	PASS
3MHz	QPSK	23095	8RB#0	22.74	21.89	PASS
3MHz	QPSK	23095	8RB#4	22.75	21.90	PASS
3MHz	QPSK	23095	8RB#7	22.80	21.95	PASS
3MHz	QPSK	23095	15RB#0	22.60	21.75	PASS
3MHz	QPSK	23165	1RB#0	23.65	22.80	PASS
3MHz	QPSK	23165	1RB#8	23.63	22.78	PASS
3MHz	QPSK	23165	1RB#14	24.08	23.23	PASS
3MHz	QPSK	23165	8RB#0	22.71	21.86	PASS
3MHz	QPSK	23165	8RB#4	22.61	21.76	PASS
3MHz	QPSK	23165	8RB#7	22.72	21.87	PASS
3MHz	QPSK	23165	15RB#0	22.63	21.78	PASS
3MHz	16QAM	23025	1RB#0	22.59	21.74	PASS
3MHz	16QAM	23025	1RB#8	22.92	22.07	PASS

3MHz	16QAM	23025	1RB#14	22.56	21.71	PASS
3MHz	16QAM	23025	8RB#0	21.56	20.71	PASS
3MHz	16QAM	23025	8RB#4	21.60	20.75	PASS
3MHz	16QAM	23025	8RB#7	21.70	20.85	PASS
3MHz	16QAM	23025	15RB#0	21.68	20.83	PASS
3MHz	16QAM	23095	1RB#0	22.78	21.93	PASS
3MHz	16QAM	23095	1RB#8	22.85	22.00	PASS
3MHz	16QAM	23095	1RB#14	22.72	21.87	PASS
3MHz	16QAM	23095	8RB#0	21.79	20.94	PASS
3MHz	16QAM	23095	8RB#4	21.70	20.85	PASS
3MHz	16QAM	23095	8RB#7	21.76	20.91	PASS
3MHz	16QAM	23095	15RB#0	21.54	20.69	PASS
3MHz	16QAM	23165	1RB#0	22.85	22.00	PASS
3MHz	16QAM	23165	1RB#8	22.70	21.85	PASS
3MHz	16QAM	23165	1RB#14	23.08	22.23	PASS
3MHz	16QAM	23165	8RB#0	21.54	20.69	PASS
3MHz	16QAM	23165	8RB#4	21.55	20.70	PASS
3MHz	16QAM	23165	8RB#7	21.64	20.79	PASS
3MHz	16QAM	23165	15RB#0	21.47	20.62	PASS
5MHz	QPSK	23035	1RB#0	23.50	22.65	PASS
5MHz	QPSK	23035	1RB#12	23.78	22.93	PASS
5MHz	QPSK	23035	1RB#24	23.69	22.84	PASS
5MHz	QPSK	23035	12RB#0	22.69	21.84	PASS
5MHz	QPSK	23035	12RB#6	22.59	21.74	PASS
5MHz	QPSK	23035	12RB#13	22.65	21.80	PASS
5MHz	QPSK	23035	25RB#0	22.56	21.71	PASS
5MHz	QPSK	23095	1RB#0	23.62	22.77	PASS
5MHz	QPSK	23095	1RB#12	23.77	22.92	PASS
5MHz	QPSK	23095	1RB#24	23.54	22.69	PASS
5MHz	QPSK	23095	12RB#0	22.57	21.72	PASS
5MHz	QPSK	23095	12RB#6	22.57	21.72	PASS
5MHz	QPSK	23095	12RB#13	22.56	21.71	PASS
5MHz	QPSK	23095	25RB#0	22.65	21.80	PASS
5MHz	QPSK	23155	1RB#0	23.62	22.77	PASS
5MHz	QPSK	23155	1RB#12	23.51	22.66	PASS

5MHz	QPSK	23155	1RB#24	23.83	22.98	PASS
5MHz	QPSK	23155	12RB#0	22.54	21.69	PASS
5MHz	QPSK	23155	12RB#6	22.55	21.70	PASS
5MHz	QPSK	23155	12RB#13	22.56	21.71	PASS
5MHz	QPSK	23155	25RB#0	22.53	21.68	PASS
5MHz	16QAM	23035	1RB#0	22.13	21.28	PASS
5MHz	16QAM	23035	1RB#12	22.15	21.30	PASS
5MHz	16QAM	23035	1RB#24	22.07	21.22	PASS
5MHz	16QAM	23035	12RB#0	21.62	20.77	PASS
5MHz	16QAM	23035	12RB#6	21.62	20.77	PASS
5MHz	16QAM	23035	12RB#13	21.67	20.82	PASS
5MHz	16QAM	23035	25RB#0	21.72	20.87	PASS
5MHz	16QAM	23095	1RB#0	22.87	22.02	PASS
5MHz	16QAM	23095	1RB#12	22.77	21.92	PASS
5MHz	16QAM	23095	1RB#24	22.84	21.99	PASS
5MHz	16QAM	23095	12RB#0	21.55	20.70	PASS
5MHz	16QAM	23095	12RB#6	21.66	20.81	PASS
5MHz	16QAM	23095	12RB#13	21.55	20.70	PASS
5MHz	16QAM	23095	25RB#0	21.66	20.81	PASS
5MHz	16QAM	23155	1RB#0	22.66	21.81	PASS
5MHz	16QAM	23155	1RB#12	22.62	21.77	PASS
5MHz	16QAM	23155	1RB#24	22.73	21.88	PASS
5MHz	16QAM	23155	12RB#0	21.51	20.66	PASS
5MHz	16QAM	23155	12RB#6	21.41	20.56	PASS
5MHz	16QAM	23155	12RB#13	21.53	20.68	PASS
5MHz	16QAM	23155	25RB#0	21.39	20.54	PASS
10MHz	QPSK	23060	1RB#0	23.44	22.59	PASS
10MHz	QPSK	23060	1RB#24	23.55	22.70	PASS
10MHz	QPSK	23060	1RB#49	23.50	22.65	PASS
10MHz	QPSK	23060	25RB#0	22.53	21.68	PASS
10MHz	QPSK	23060	25RB#12	22.53	21.68	PASS
10MHz	QPSK	23060	25RB#25	22.69	21.84	PASS
10MHz	QPSK	23060	50RB#0	22.62	21.77	PASS
10MHz	QPSK	23095	1RB#0	23.44	22.59	PASS
10MHz	QPSK	23095	1RB#24	23.92	23.07	PASS

10MHz	QPSK	23095	1RB#49	23.55	22.70	PASS
10MHz	QPSK	23095	25RB#0	22.58	21.73	PASS
10MHz	QPSK	23095	25RB#12	22.58	21.73	PASS
10MHz	QPSK	23095	25RB#25	22.59	21.74	PASS
10MHz	QPSK	23095	50RB#0	22.57	21.72	PASS
10MHz	QPSK	23130	1RB#0	23.67	22.82	PASS
10MHz	QPSK	23130	1RB#24	23.67	22.82	PASS
10MHz	QPSK	23130	1RB#49	23.63	22.78	PASS
10MHz	QPSK	23130	25RB#0	22.66	21.81	PASS
10MHz	QPSK	23130	25RB#12	22.68	21.83	PASS
10MHz	QPSK	23130	25RB#25	22.55	21.70	PASS
10MHz	QPSK	23130	50RB#0	22.63	21.78	PASS
10MHz	16QAM	23060	1RB#0	22.42	21.57	PASS
10MHz	16QAM	23060	1RB#24	22.86	22.01	PASS
10MHz	16QAM	23060	1RB#49	22.48	21.63	PASS
10MHz	16QAM	23060	25RB#0	21.42	20.57	PASS
10MHz	16QAM	23060	25RB#12	21.63	20.78	PASS
10MHz	16QAM	23060	25RB#25	21.59	20.74	PASS
10MHz	16QAM	23060	50RB#0	21.72	20.87	PASS
10MHz	16QAM	23095	1RB#0	22.48	21.63	PASS
10MHz	16QAM	23095	1RB#24	23.34	22.49	PASS
10MHz	16QAM	23095	1RB#49	22.31	21.46	PASS
10MHz	16QAM	23095	25RB#0	21.62	20.77	PASS
10MHz	16QAM	23095	25RB#12	21.62	20.77	PASS
10MHz	16QAM	23095	25RB#25	21.77	20.92	PASS
10MHz	16QAM	23095	50RB#0	21.53	20.68	PASS
10MHz	16QAM	23130	1RB#0	22.67	21.82	PASS
10MHz	16QAM	23130	1RB#24	23.06	22.21	PASS
10MHz	16QAM	23130	1RB#49	22.94	22.09	PASS
10MHz	16QAM	23130	25RB#0	21.65	20.80	PASS
10MHz	16QAM	23130	25RB#12	21.65	20.80	PASS
10MHz	16QAM	23130	25RB#25	21.50	20.65	PASS
10MHz	16QAM	23130	50RB#0	21.66	20.81	PASS

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

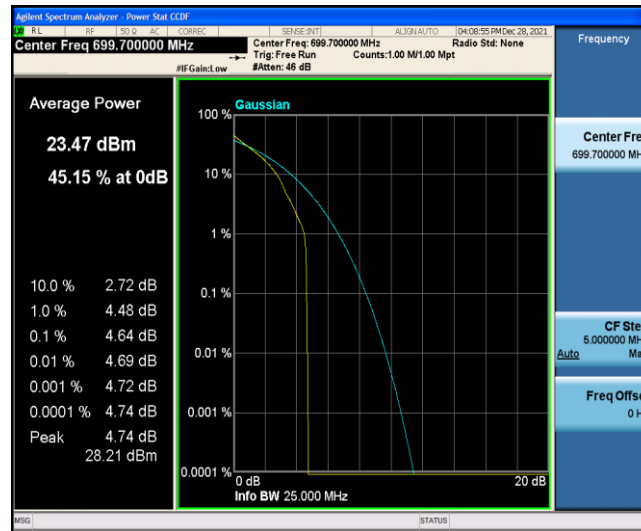
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.64	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.51	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.77	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.44	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.66	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.31	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.71	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.32	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.71	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.33	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.47	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.16	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.74	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.62	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.81	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.53	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.64	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.50	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.70	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.46	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.68	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.41	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.47	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.36	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.75	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.62	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.79	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.51	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.63	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.45	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.79	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.46	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.63	13	PASS

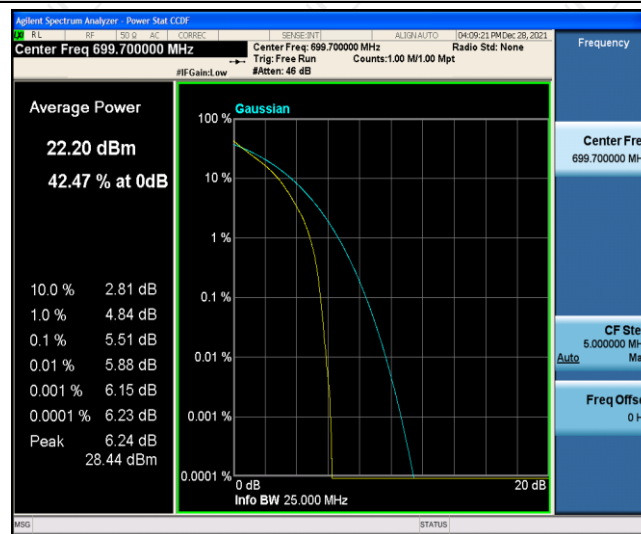
Band12	5MHz	16QAM	23095	25RB#0	6.34	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.38	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.33	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.65	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.57	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.84	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.51	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.67	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.58	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.42	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.77	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.37	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.33	13	PASS

Test Graphs

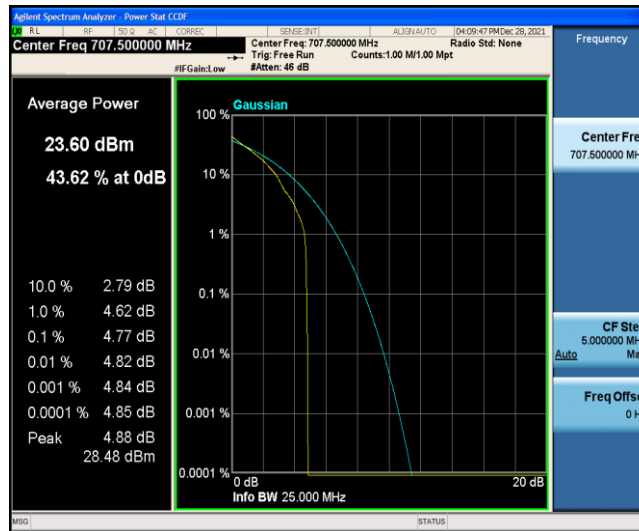
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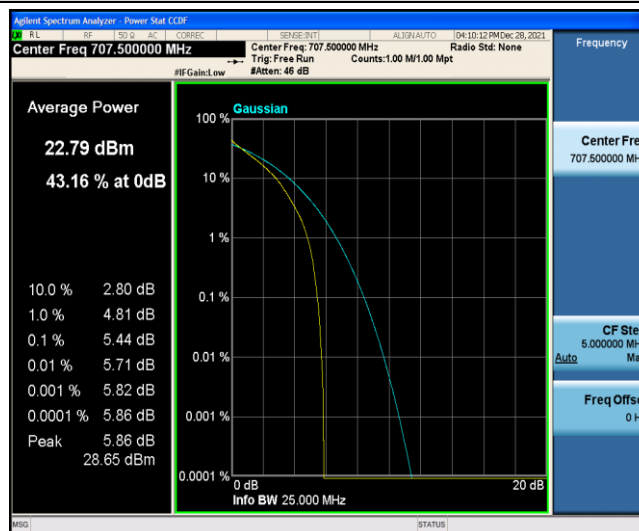
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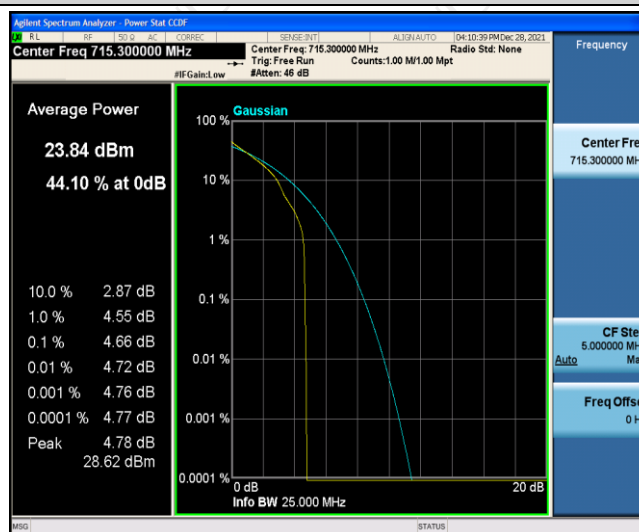
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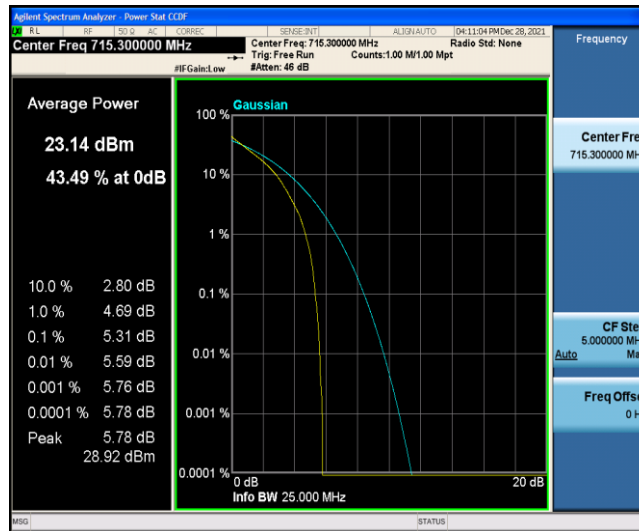
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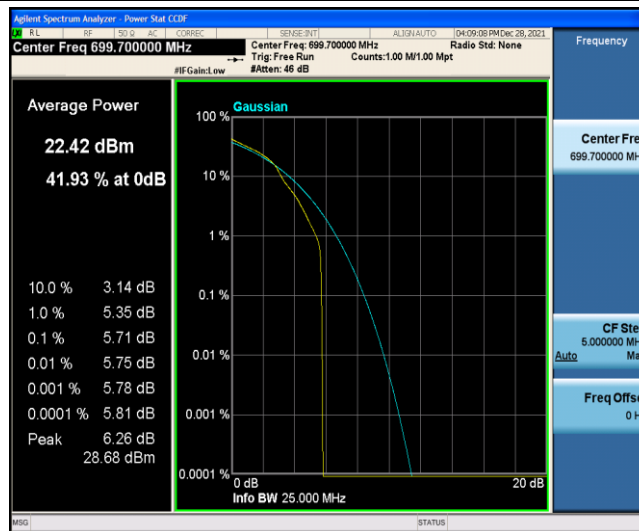
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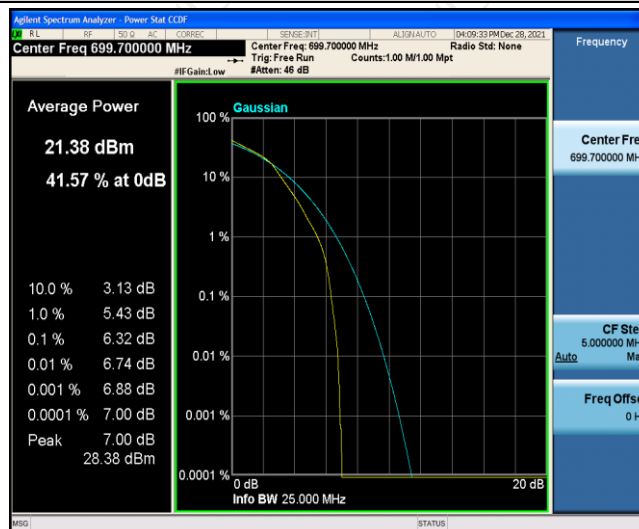
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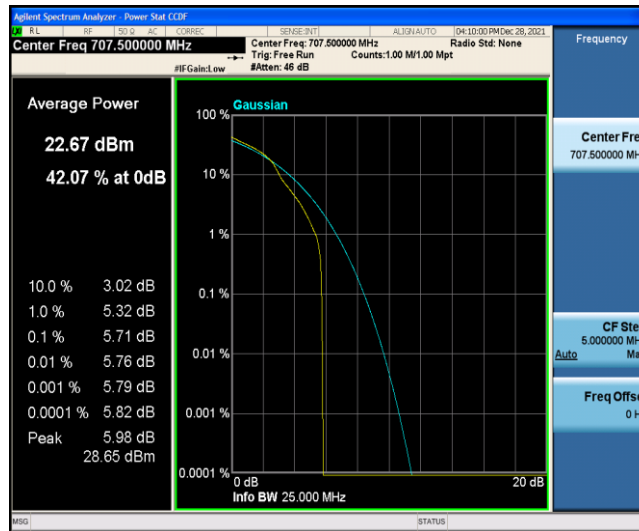
Band12-1.4MHz-16QAM-23017-1RB#0



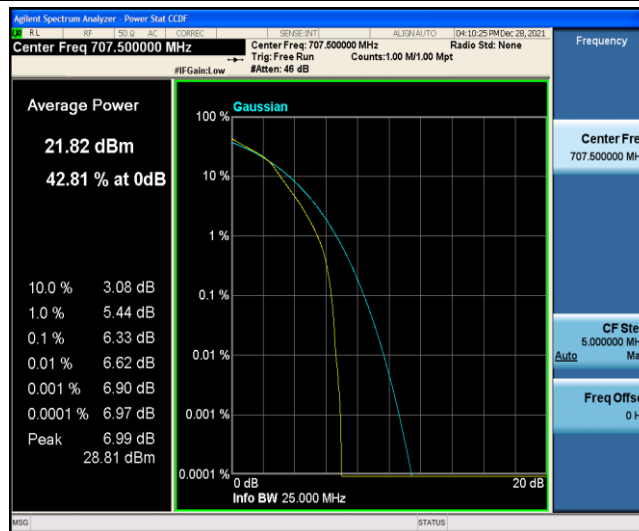
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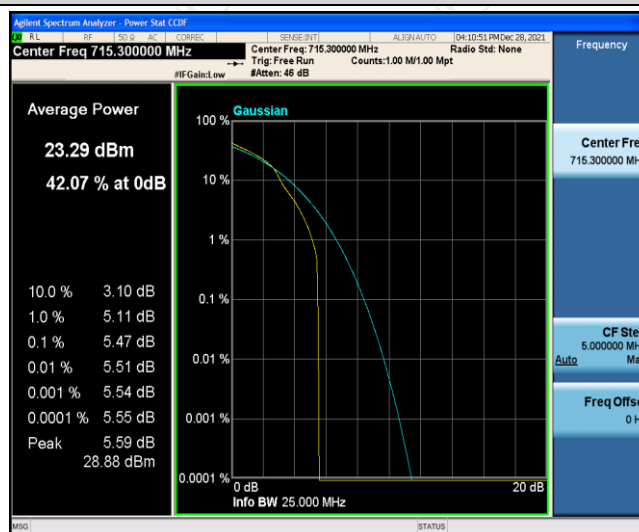
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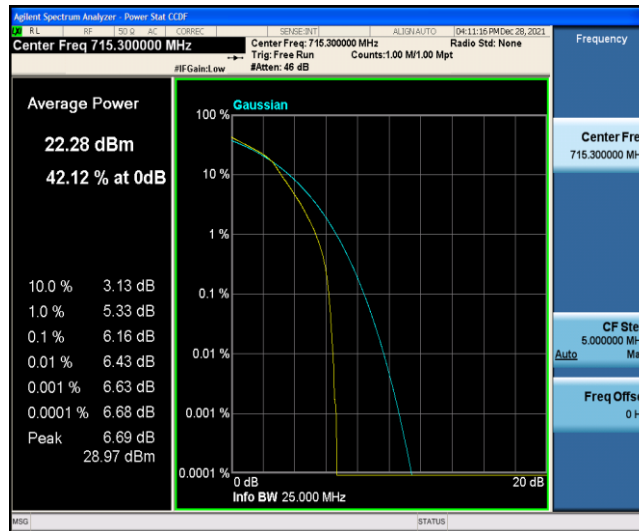
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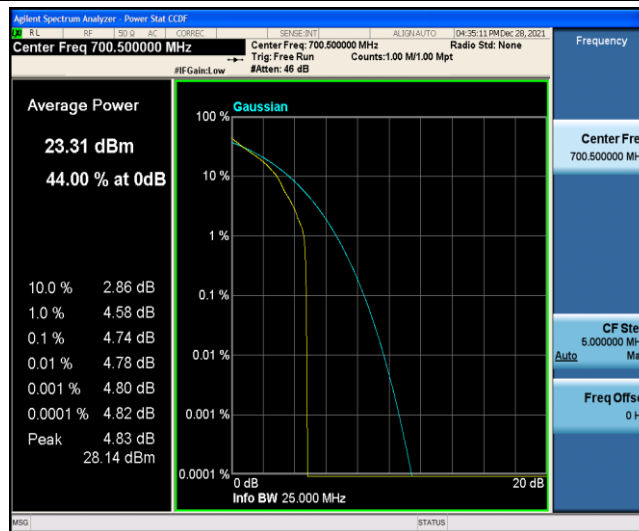
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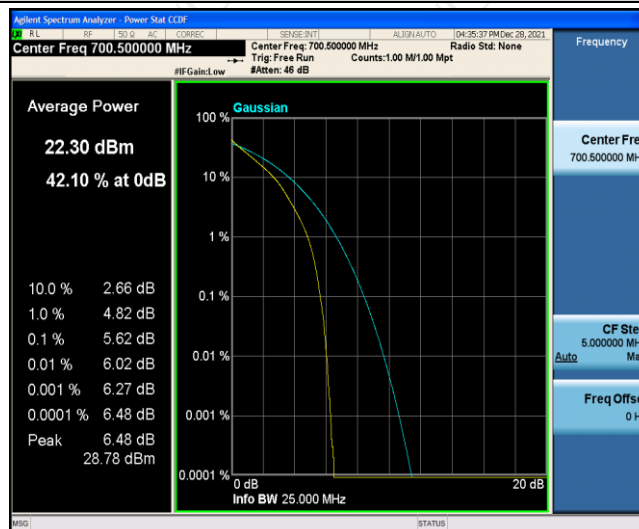
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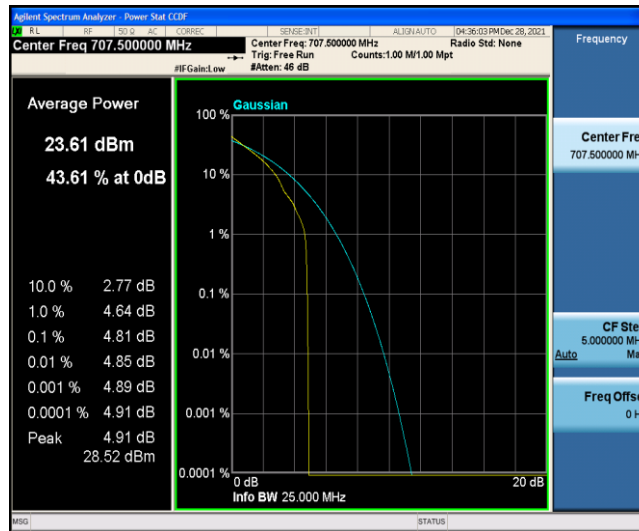
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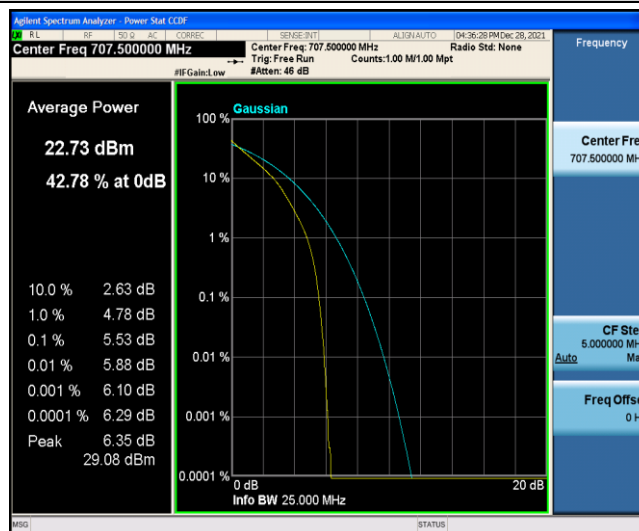
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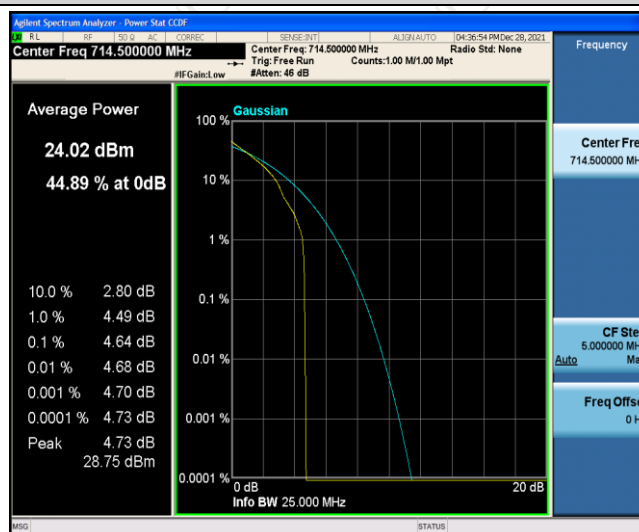
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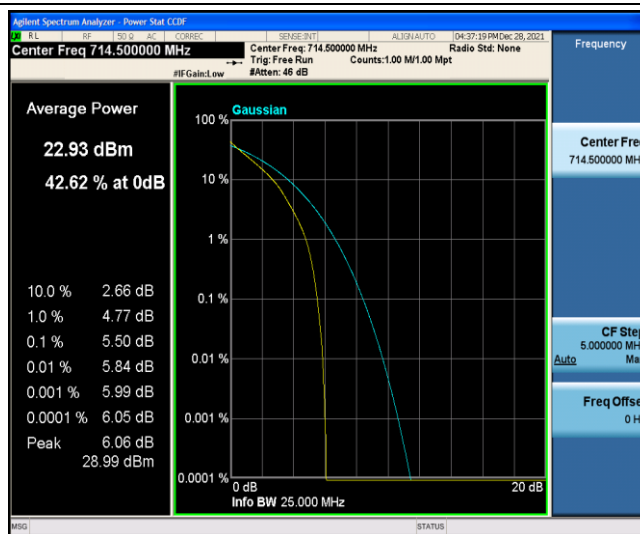
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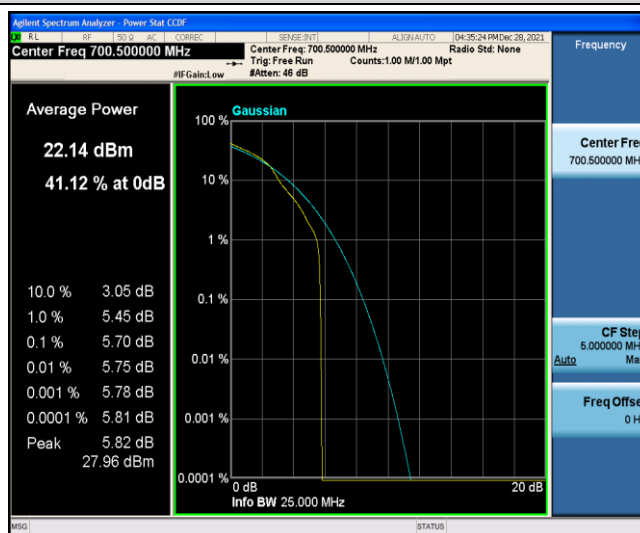
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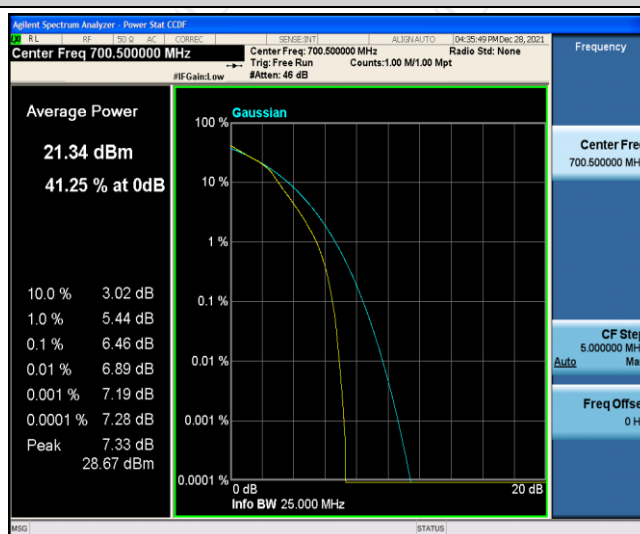
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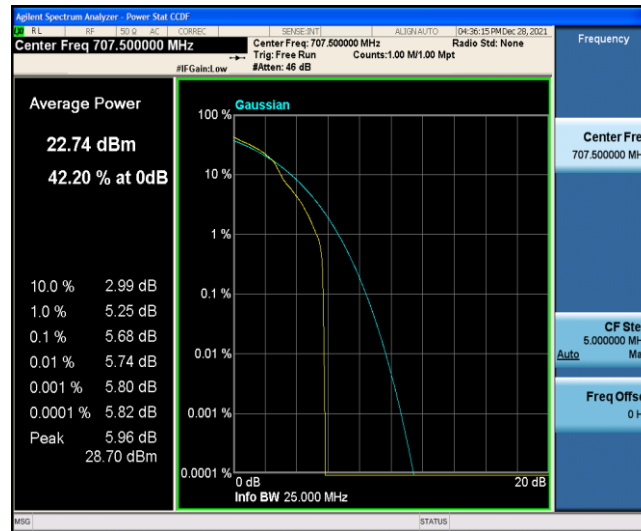
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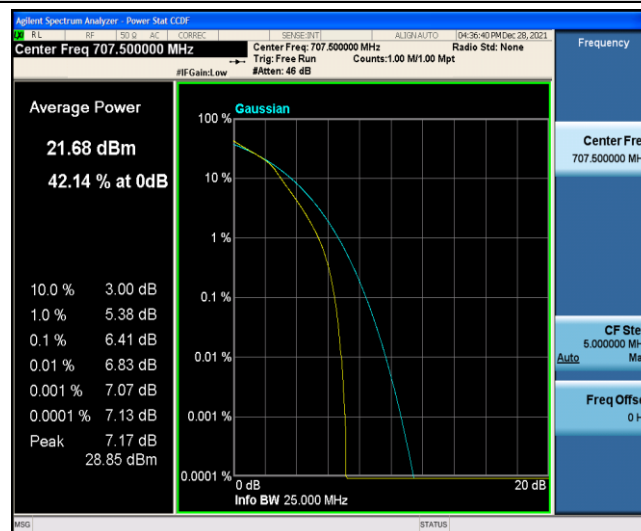
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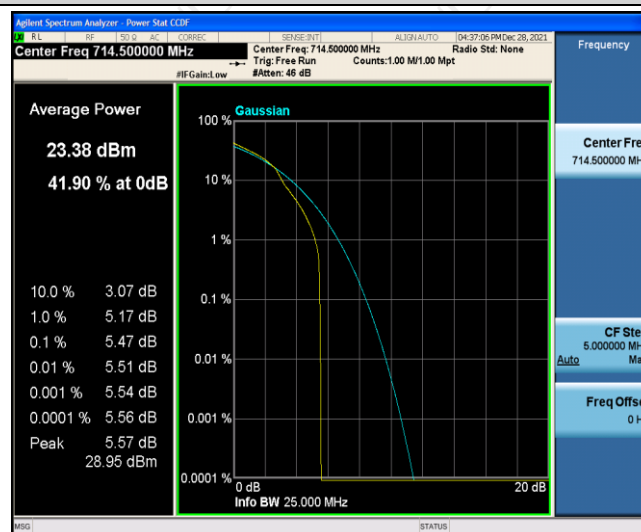
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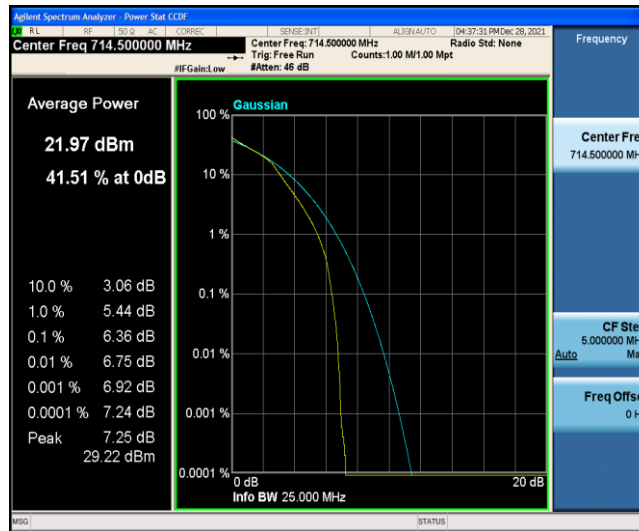
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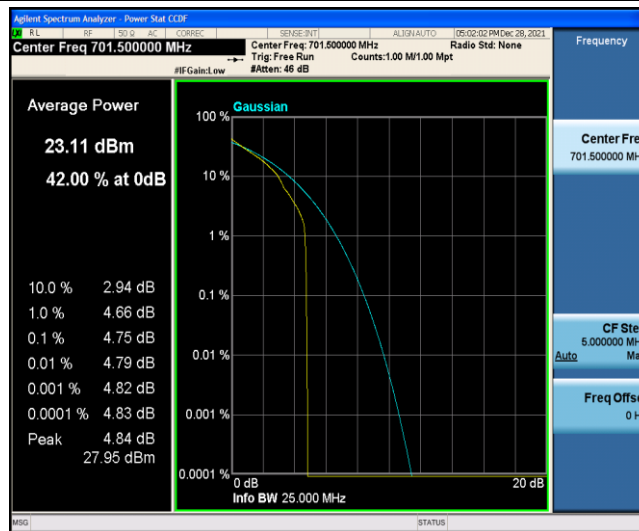
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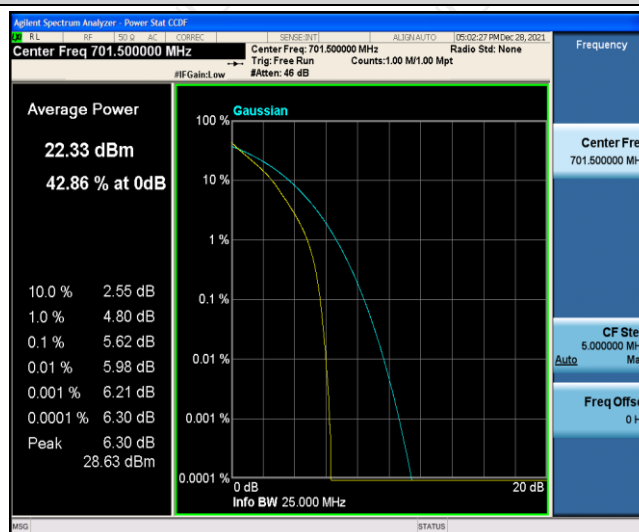
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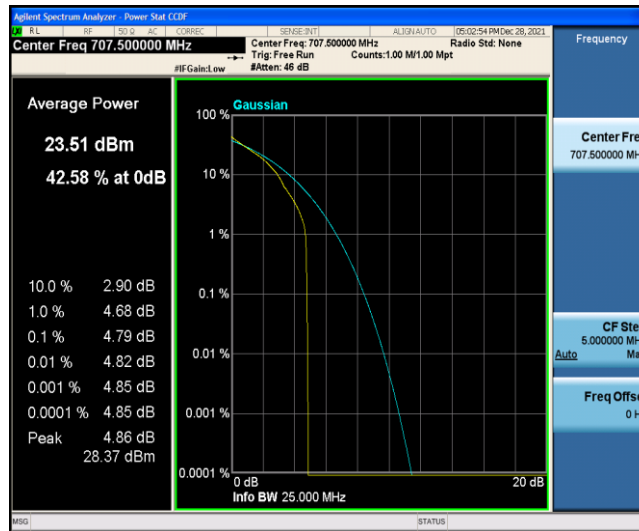
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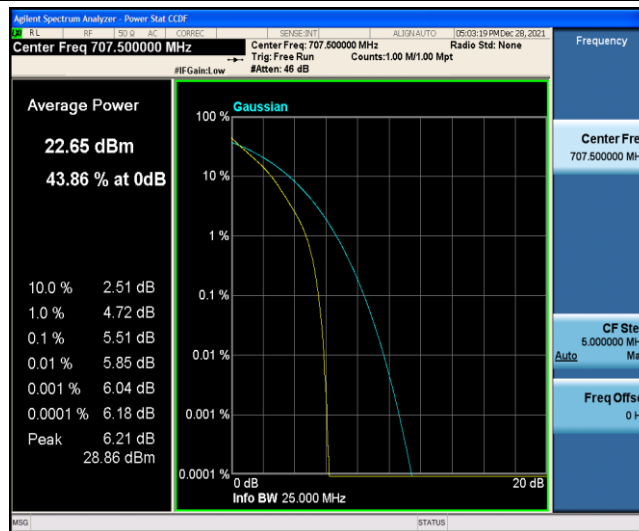
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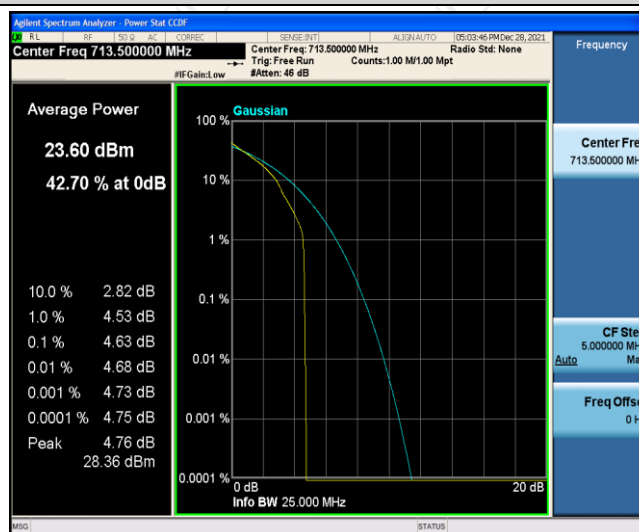
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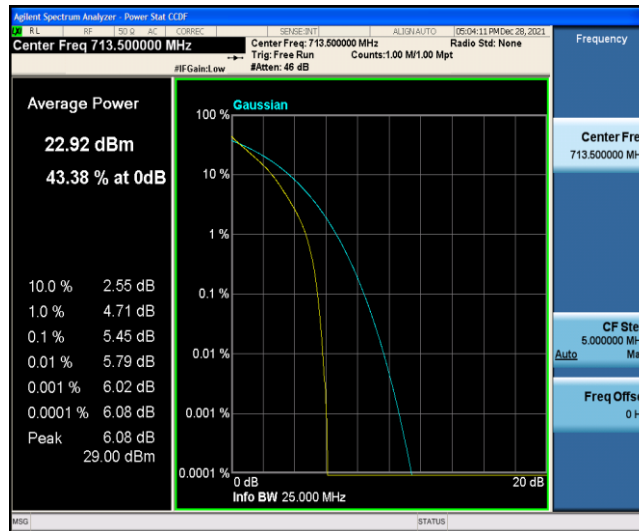
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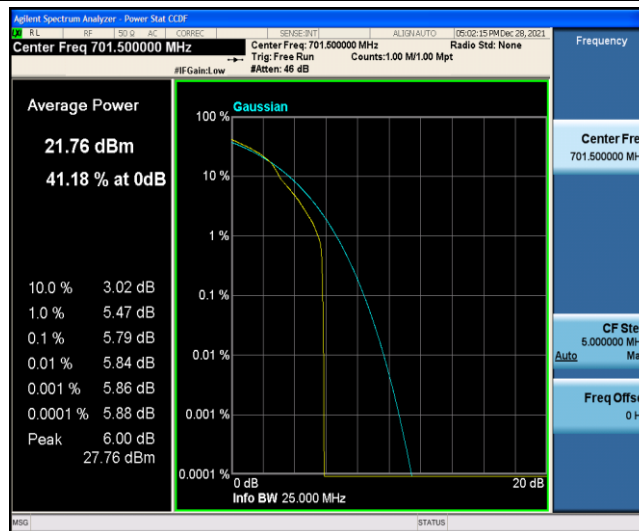
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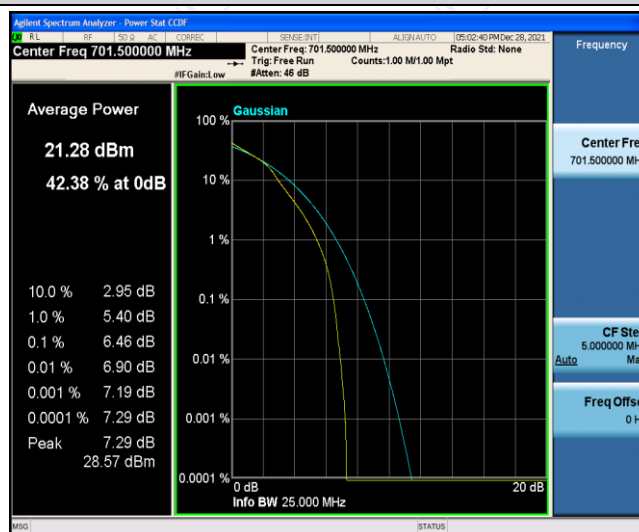
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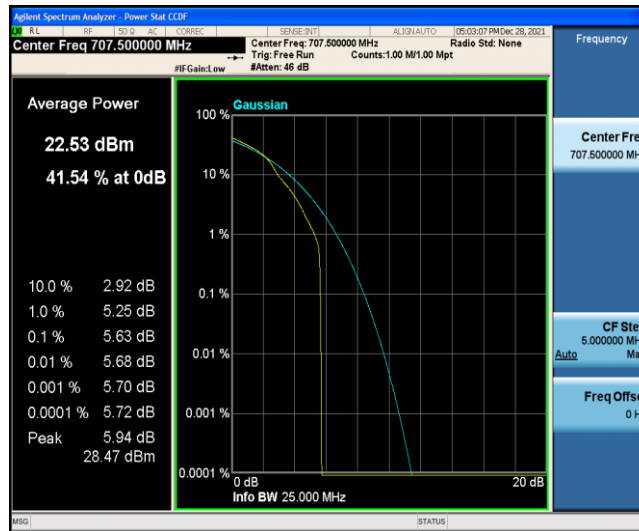
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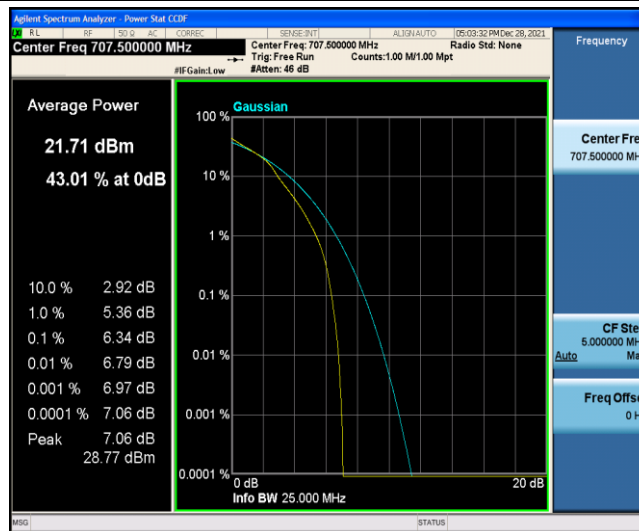
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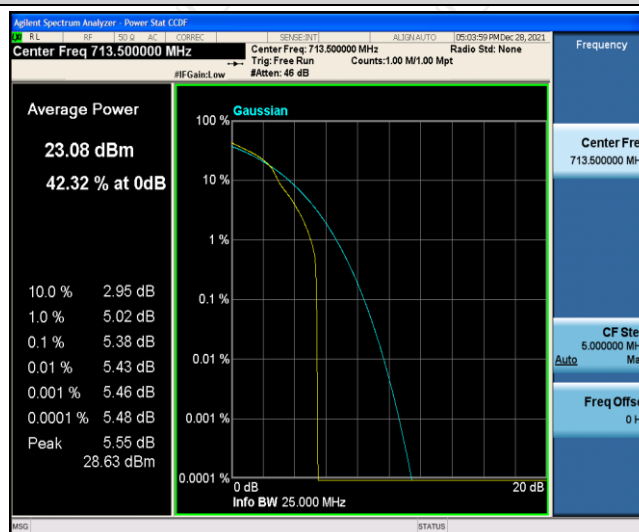
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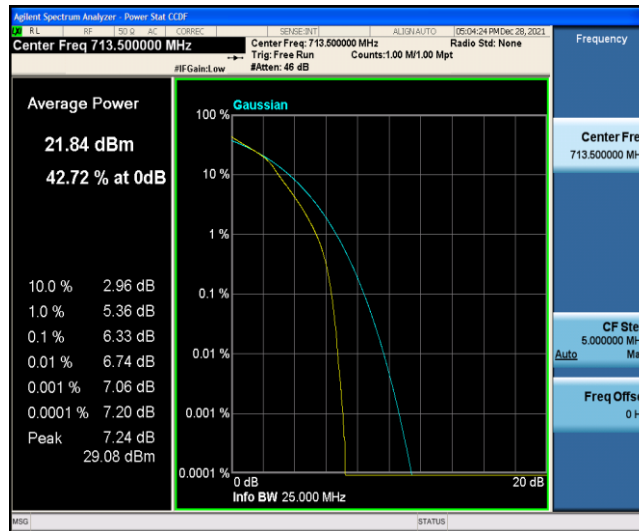
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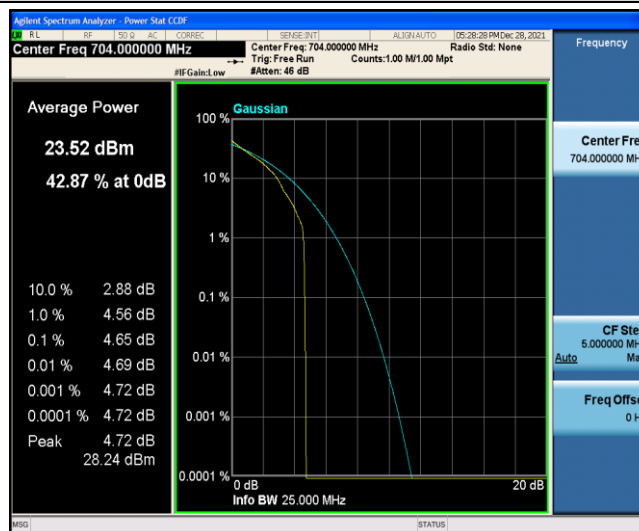
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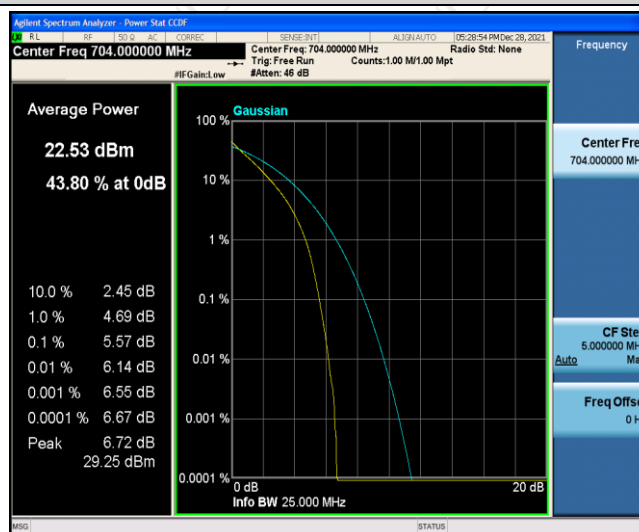
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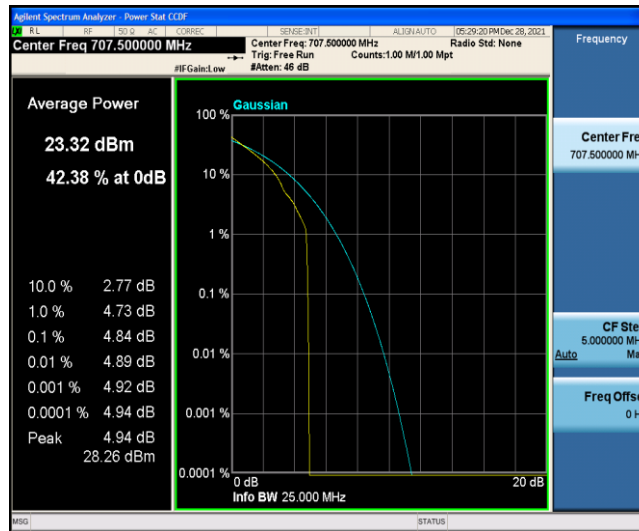
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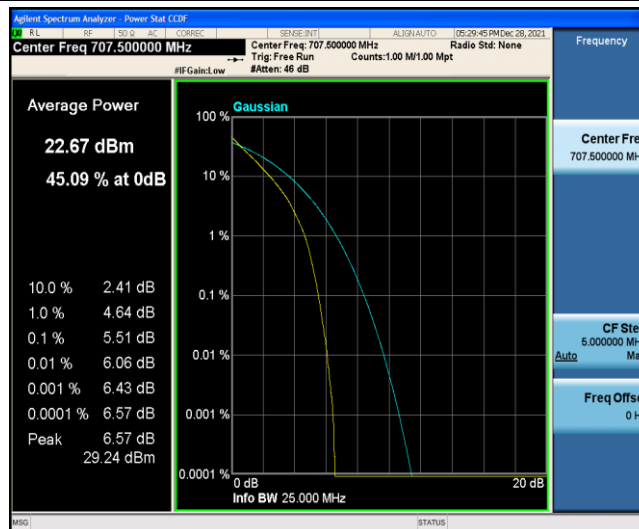
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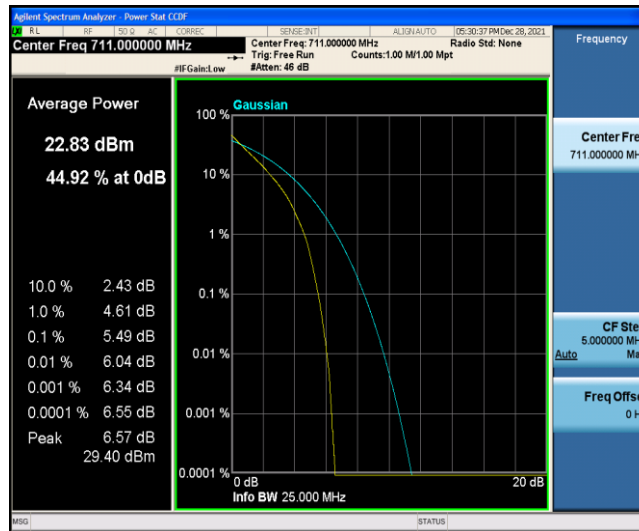
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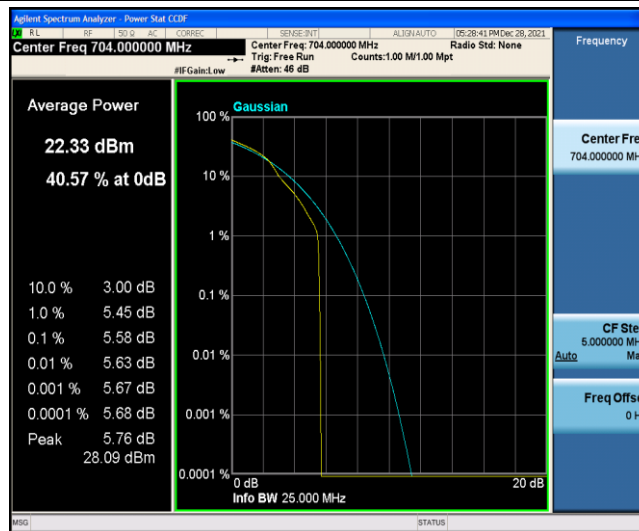
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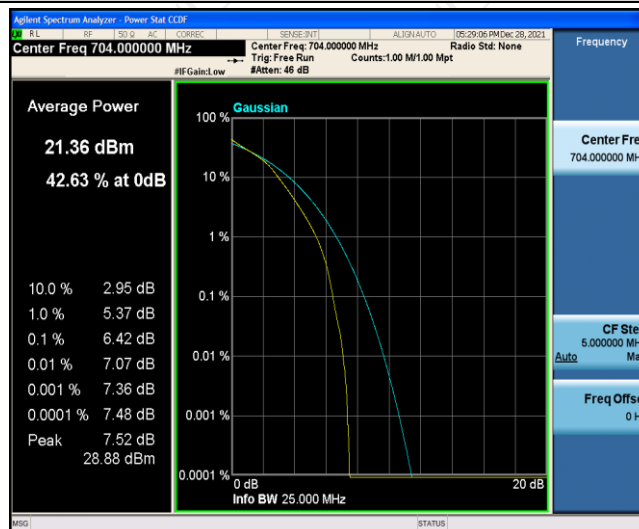
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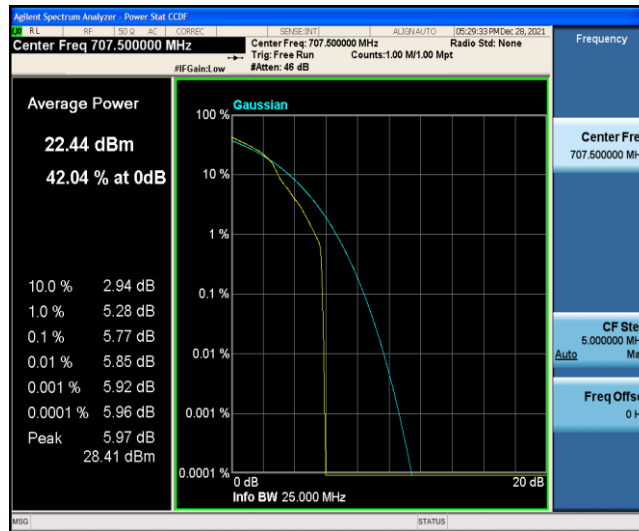
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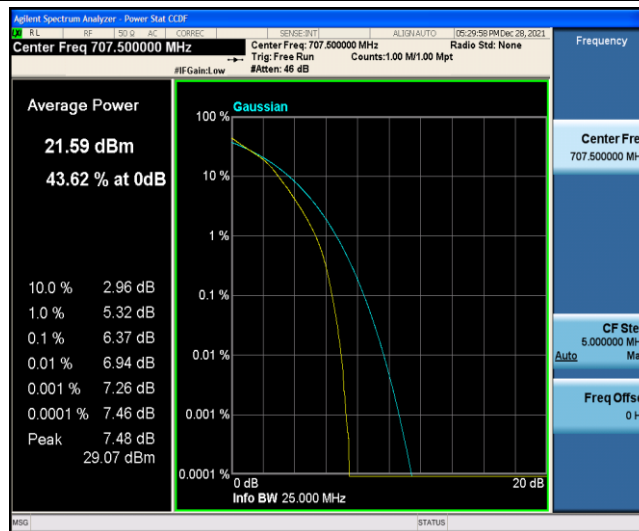
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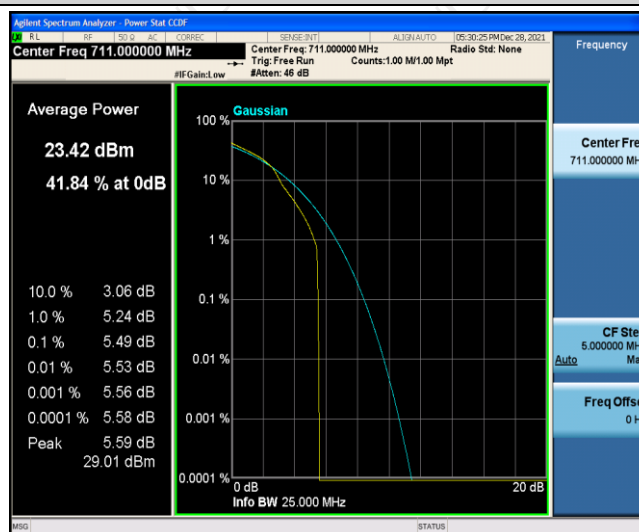
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