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	22.51	19.66	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.74	19.89	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.57	19.72	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.60	19.75	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.55	19.70	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.60	19.75	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.68	18.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.56	19.71	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.72	19.87	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.51	19.66	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.57	19.72	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.60	19.75	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.58	19.73	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.63	18.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.48	19.63	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.50	19.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.45	19.60	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.52	19.67	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.50	19.65	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.54	19.69	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.51	18.66	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.74	18.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.93	19.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.77	18.92	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.52	18.67	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.50	18.65	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.55	18.70	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.49	17.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.73	18.88	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.85	19.00	PASS

Band12	1.4MHz	16QAM	23095	1RB#5	21.67	18.82	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.59	18.74	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.57	18.72	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.55	18.70	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.64	17.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.64	18.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.69	18.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.63	18.78	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.48	18.63	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.51	18.66	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.51	18.66	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.45	17.60	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.57	19.72	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.57	19.72	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.60	19.75	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.62	18.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.63	18.78	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.66	18.81	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.62	18.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.57	19.72	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.57	19.72	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.54	19.69	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.63	18.78	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.61	18.76	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.61	18.76	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.59	18.74	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.57	19.72	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.56	19.71	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.53	19.68	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.65	18.80	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.66	18.81	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.59	18.74	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.55	18.70	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.82	18.97	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.79	18.94	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.71	18.86	PASS

Band12	3MHz	16QAM	23025	8RB#0	20.66	17.81	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.62	17.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.63	17.78	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.62	17.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.81	18.96	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.78	18.93	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.72	18.87	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.59	17.74	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.56	17.71	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.58	17.73	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.53	17.68	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.53	18.68	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.54	18.69	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.47	18.62	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.63	17.78	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.65	17.80	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.54	17.69	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.48	17.63	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.58	19.73	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.72	19.87	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.57	19.72	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.57	18.72	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.54	18.69	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.59	18.74	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.64	18.79	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.57	19.72	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.66	19.81	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.56	19.71	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.63	18.78	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.63	18.78	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.65	18.80	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.66	18.81	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.58	19.73	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.66	19.81	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.48	19.63	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.59	18.74	PASS

Band12	5MHz	QPSK	23155	12RB#6	21.57	18.72	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.38	18.53	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.61	18.76	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.59	18.74	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.76	18.91	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.59	18.74	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.58	17.73	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.58	17.73	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.60	17.75	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.63	17.78	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.78	18.93	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.90	19.05	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.75	18.90	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.67	17.82	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.67	17.82	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.70	17.85	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.60	17.75	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.57	18.72	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.66	18.81	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.55	18.70	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.59	17.74	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.61	17.76	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.42	17.57	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.59	17.74	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.50	19.65	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.69	19.84	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.50	19.65	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.67	18.82	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.69	18.84	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.57	18.72	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.66	18.81	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.65	19.80	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.69	19.84	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.52	19.67	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.76	18.91	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.75	18.90	PASS

Band12	10MHz	QPSK	23095	25RB#25	21.82	18.97	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.77	18.92	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.54	19.69	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.68	19.83	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.51	19.66	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.55	18.70	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.54	18.69	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.46	18.61	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.49	18.64	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.79	18.94	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.93	19.08	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.76	18.91	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.65	17.80	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.67	17.82	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.59	17.74	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.58	17.73	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.80	18.95	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.87	19.02	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.76	18.91	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.78	17.93	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.78	17.93	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.81	17.96	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.77	17.92	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.51	18.66	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.64	18.79	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.46	18.61	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.62	17.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.60	17.75	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.50	17.65	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.48	17.63	PASS

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

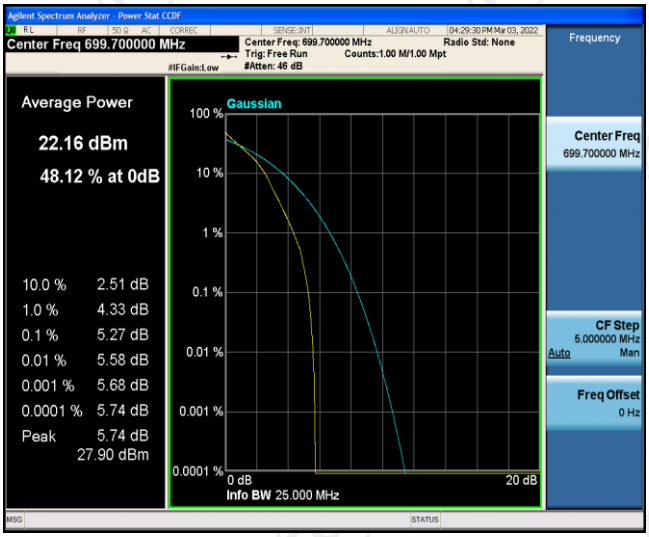
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.27	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.53	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.98	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.57	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.84	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.24	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.12	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.23	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.69	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.31	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.70	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.17	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.18	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.55	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.99	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.54	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.96	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.30	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.13	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.33	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.63	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.36	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.90	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.18	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.56	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.26	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.62	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.19	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.97	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.28	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.87	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.40	13	PASS

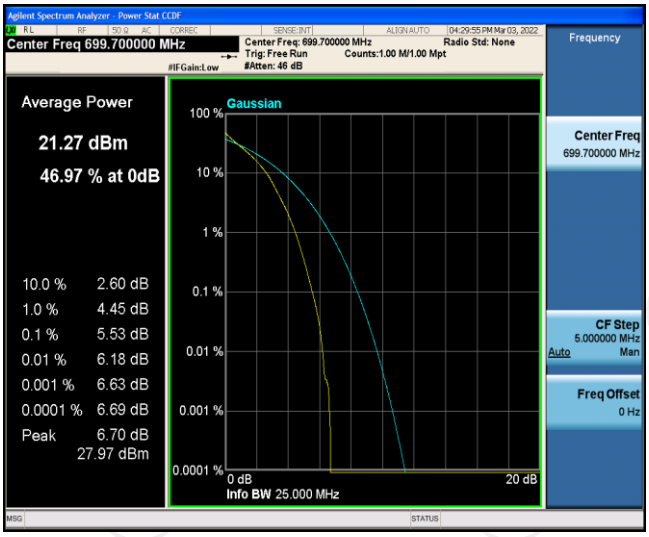
Band12	5MHz	16QAM	23155	1RB#0	5.75	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.25	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.24	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.55	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.91	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.68	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.14	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.54	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.09	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.32	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.42	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.05	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.37	13	PASS

Test Graphs

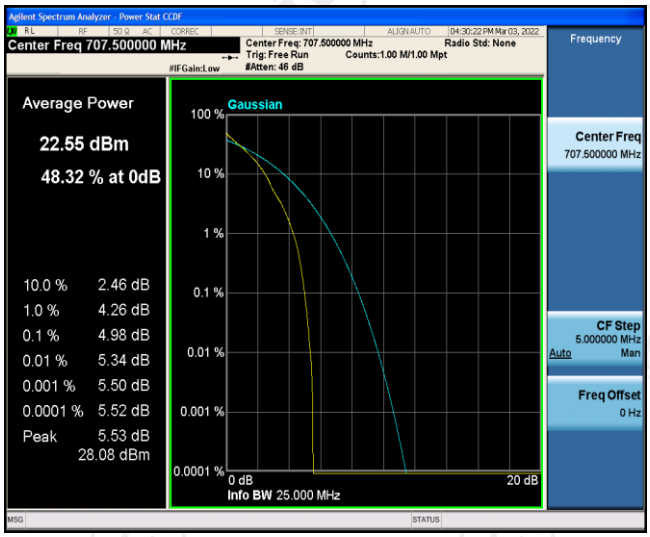
Band12-1.4MHz-QPSK-23017-1RB#0



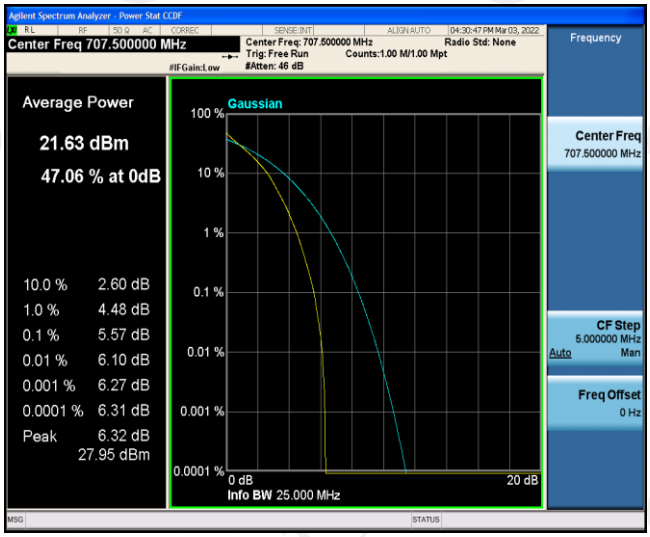
Band12-1.4MHz-QPSK-23017-6RB#0



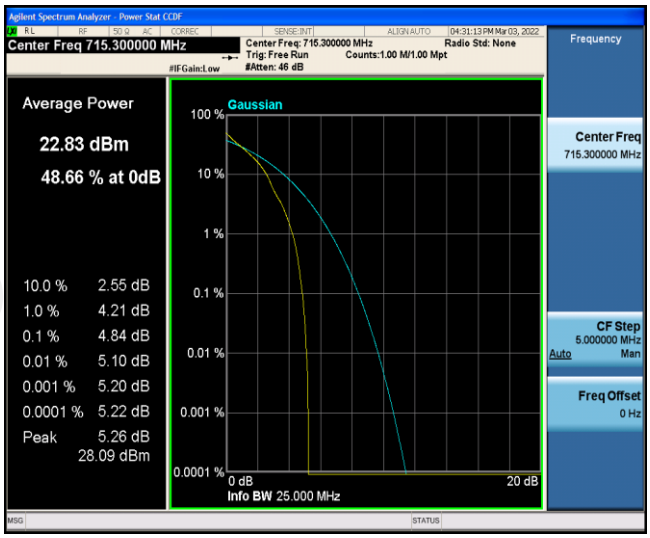
Band12-1.4MHz-QPSK-23095-1RB#0



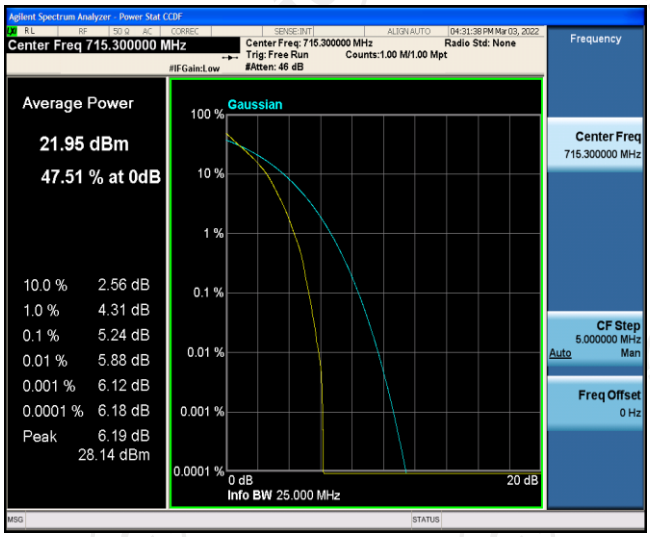
Band12-1.4MHz-QPSK-23095-6RB#0



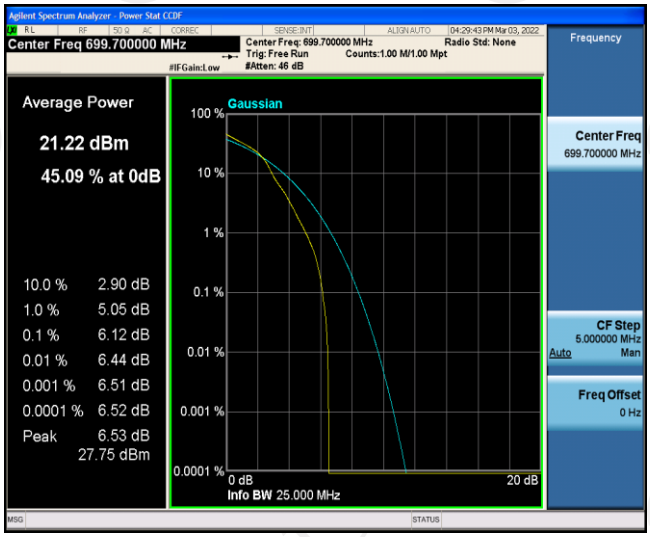
Band12-1.4MHz-QPSK-23173-1RB#0



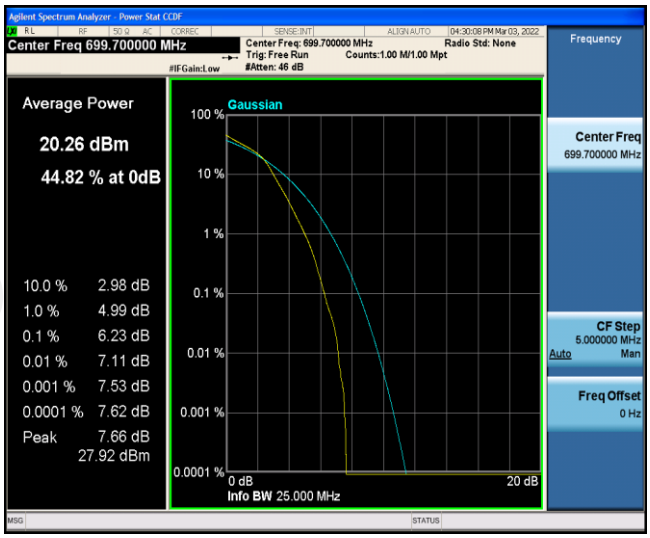
Band12-1.4MHz-QPSK-23173-6RB#0



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

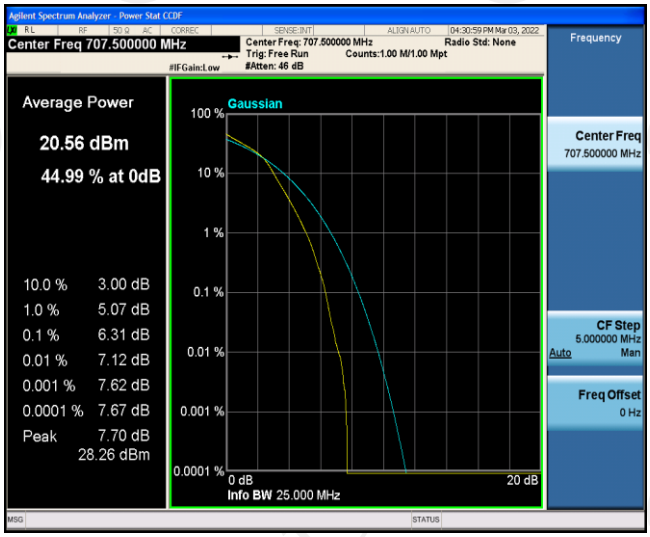


Band12-1.4MHz-16QAM-23017-6RB#0

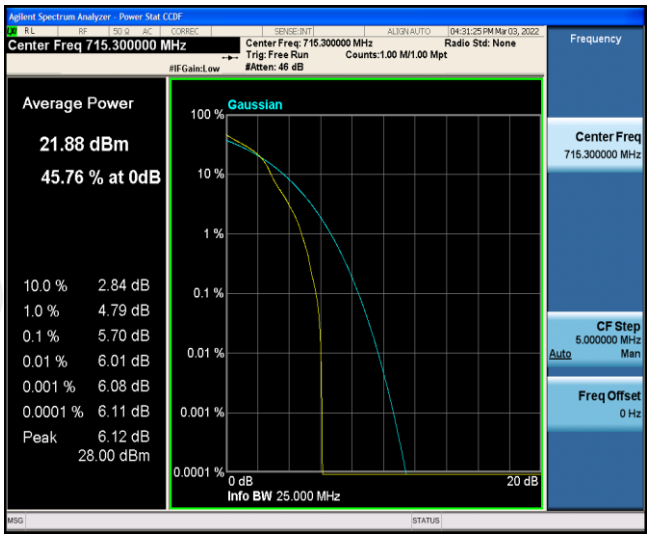


Band12-1.4MHz-16QAM-23095-1RB#0

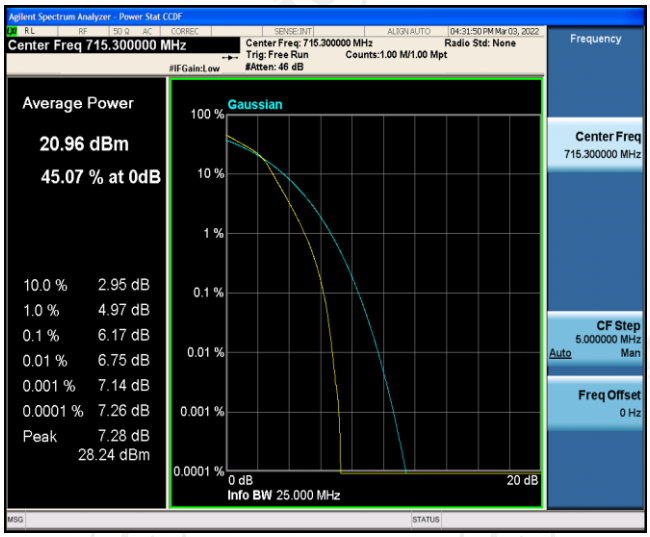
Band12-1.4MHz-16QAM-23095-6RB#0



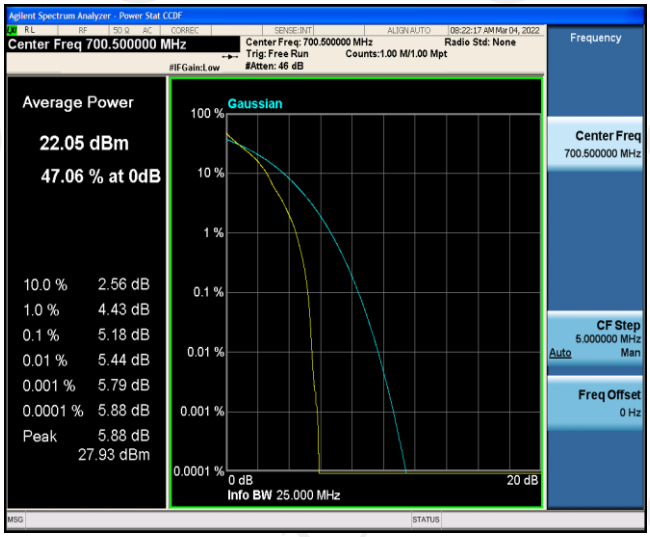
Band12-1.4MHz-16QAM-23173-1RB#0



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



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



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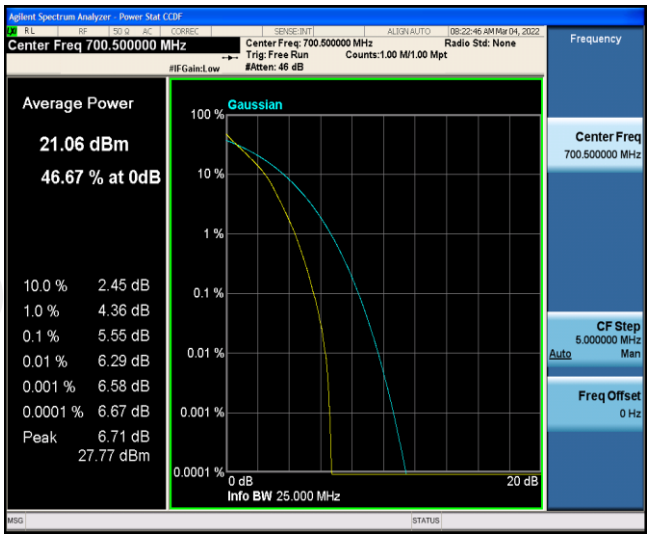

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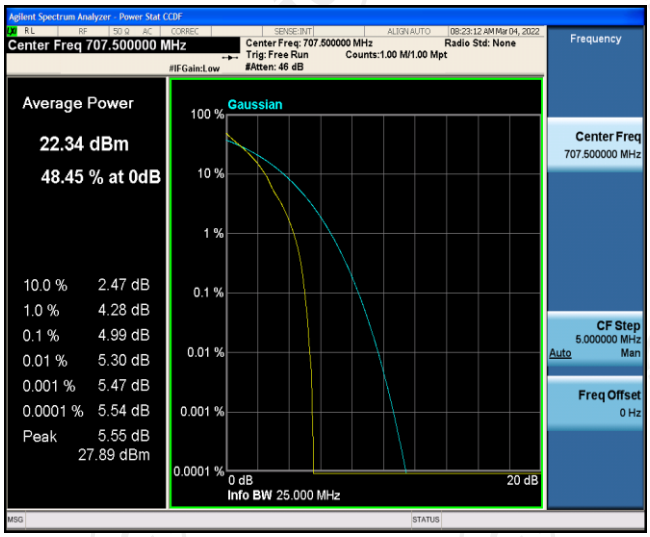

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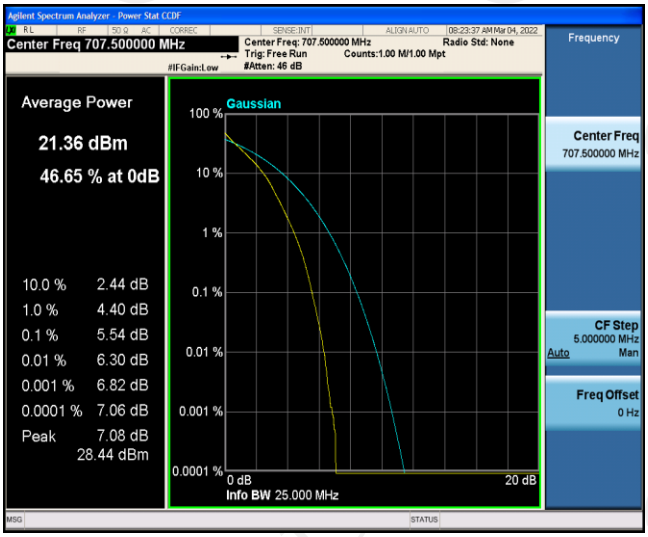

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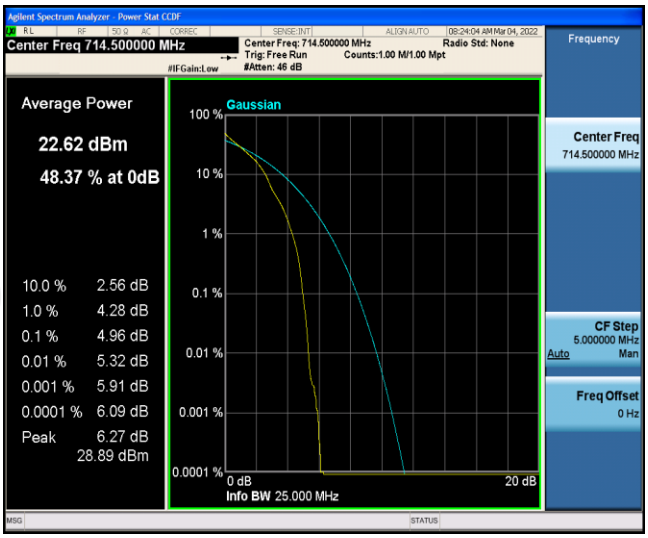

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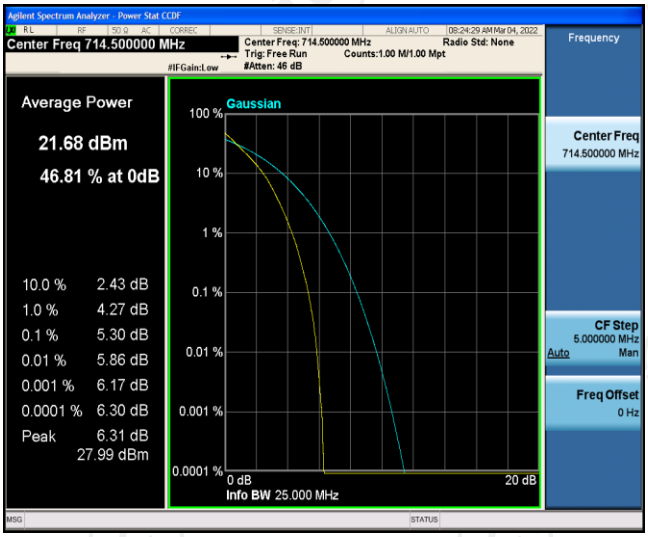

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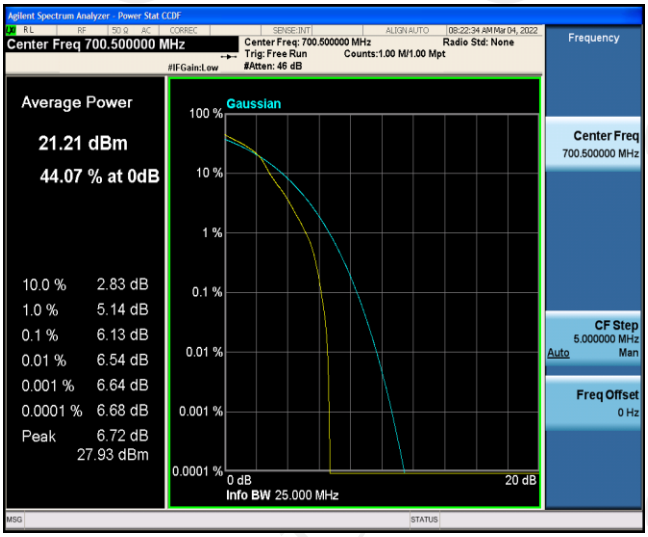

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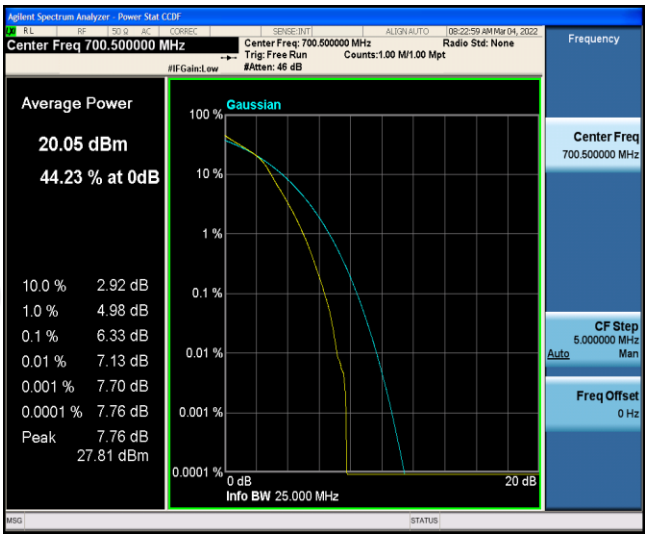

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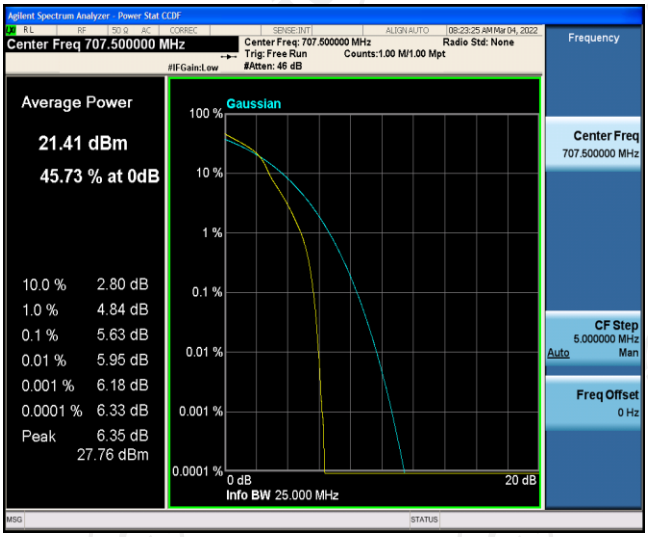

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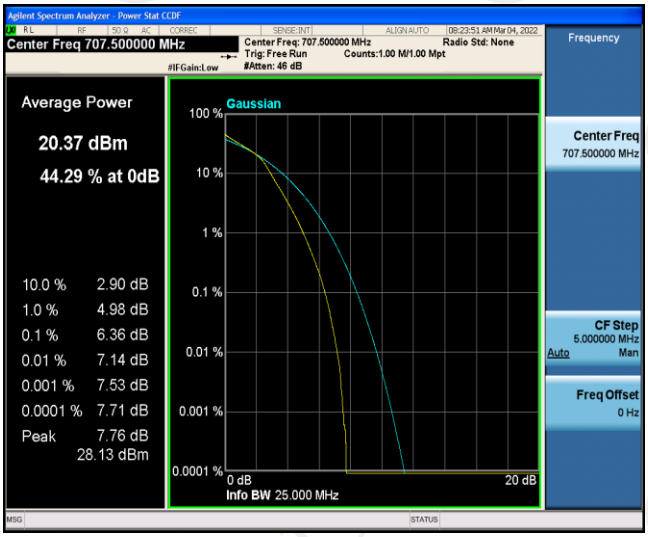

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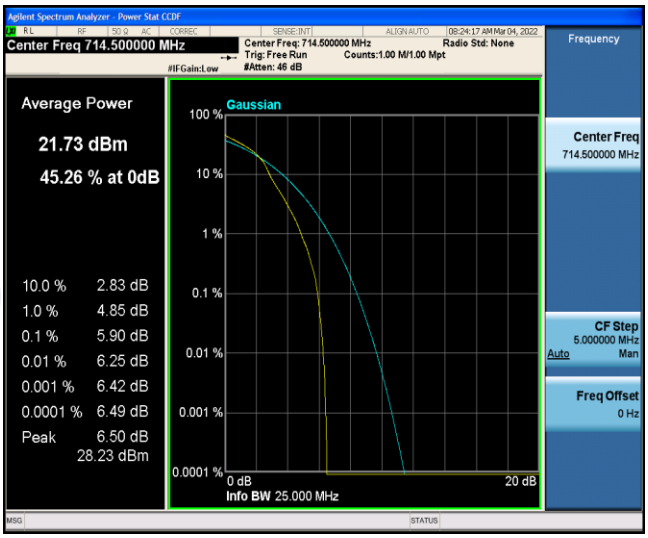

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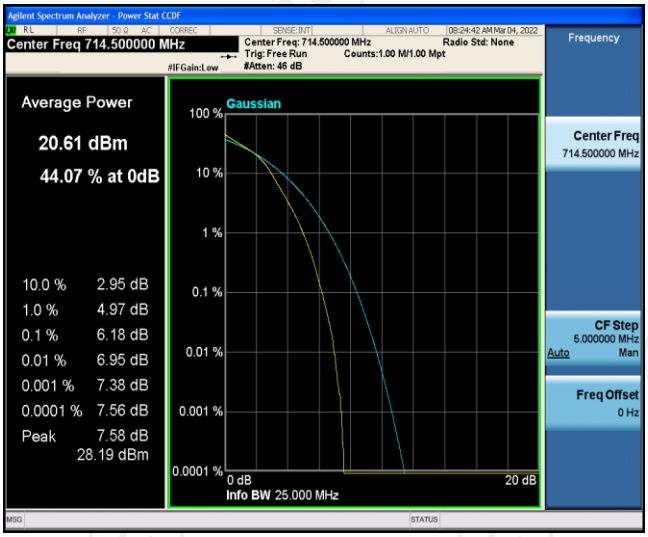

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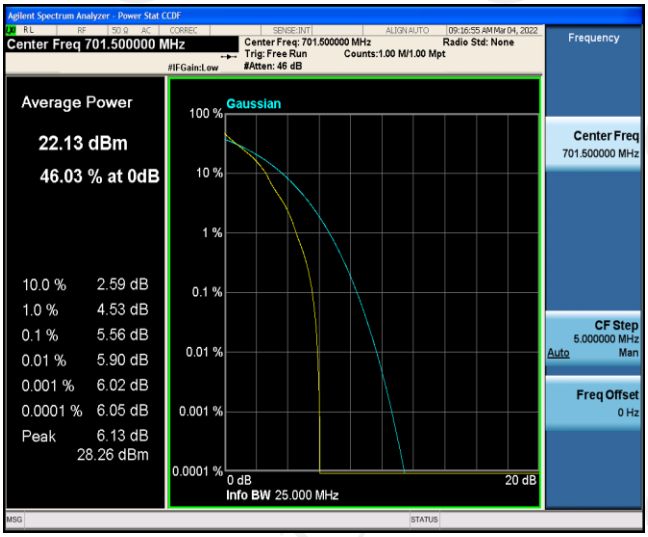

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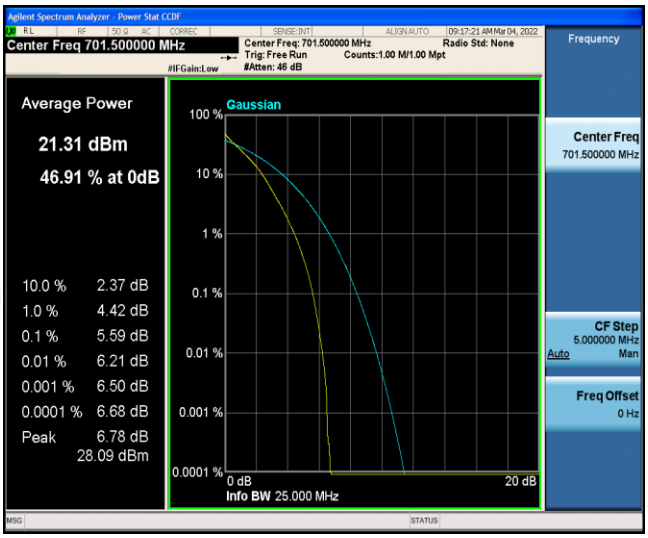

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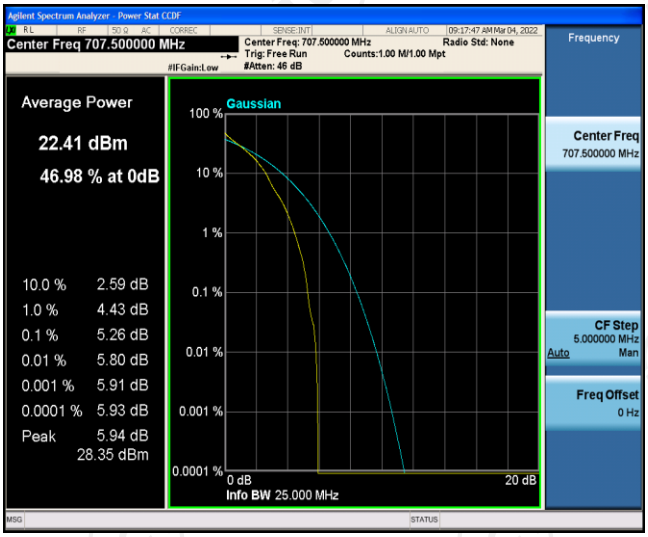

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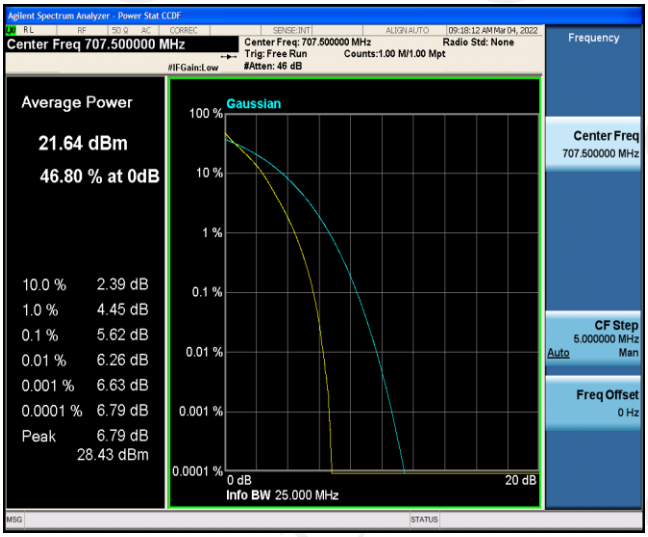

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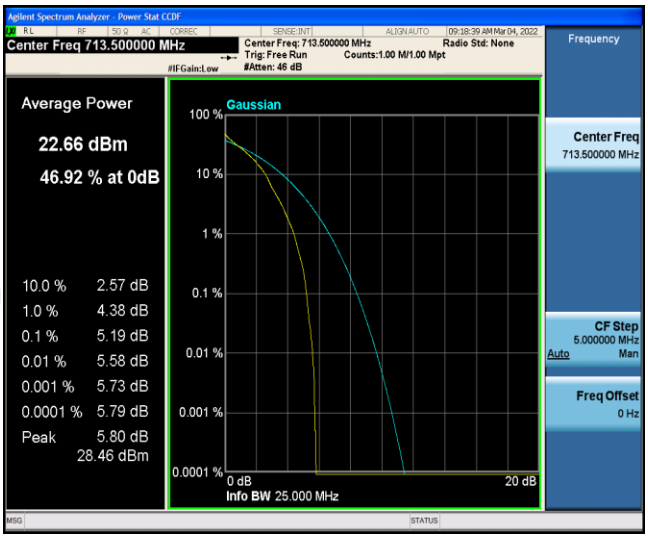

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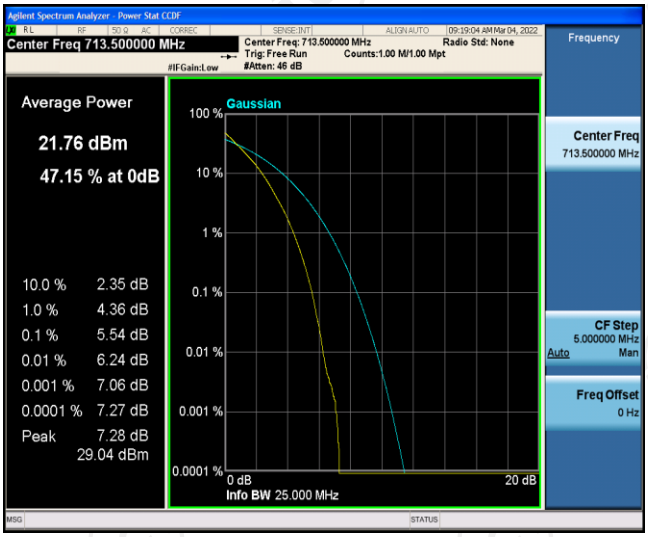

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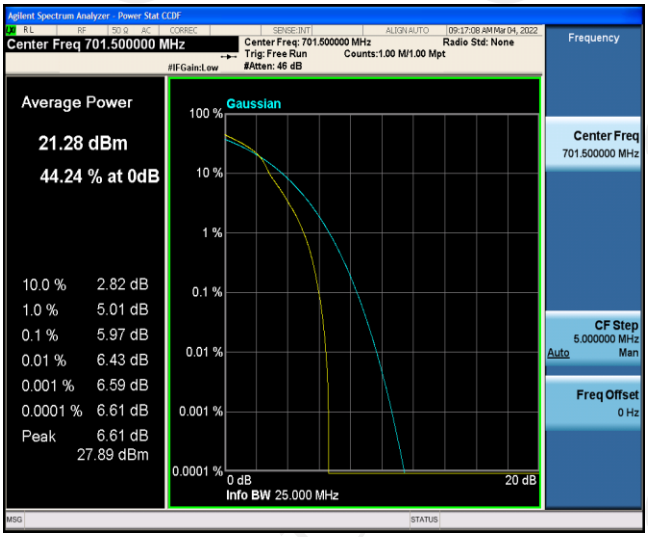

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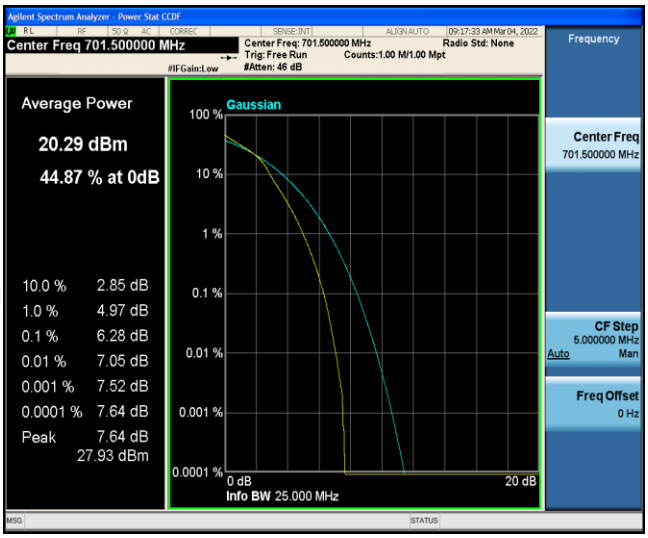

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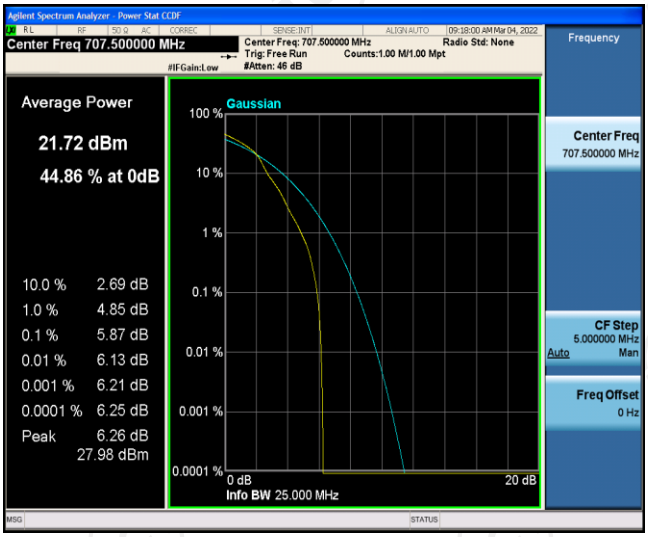

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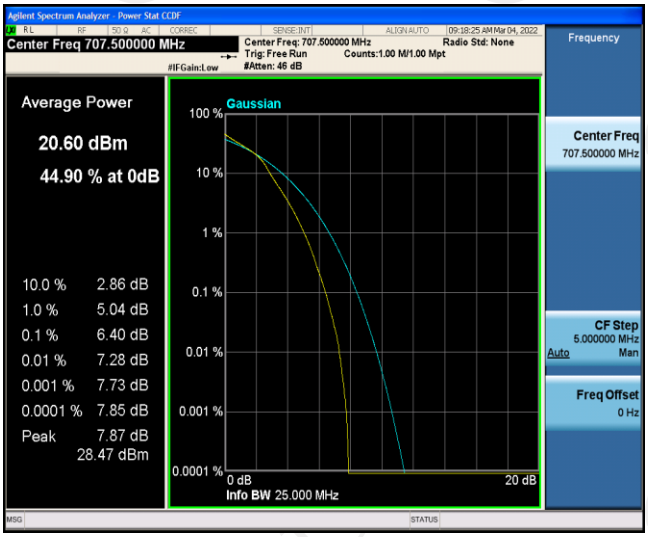

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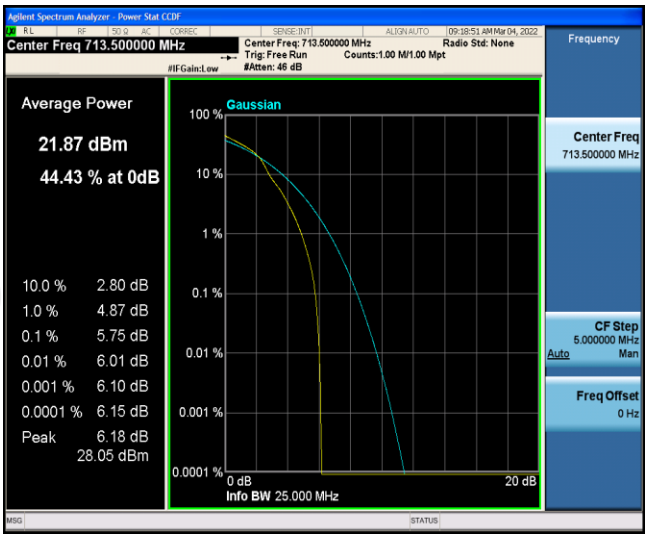

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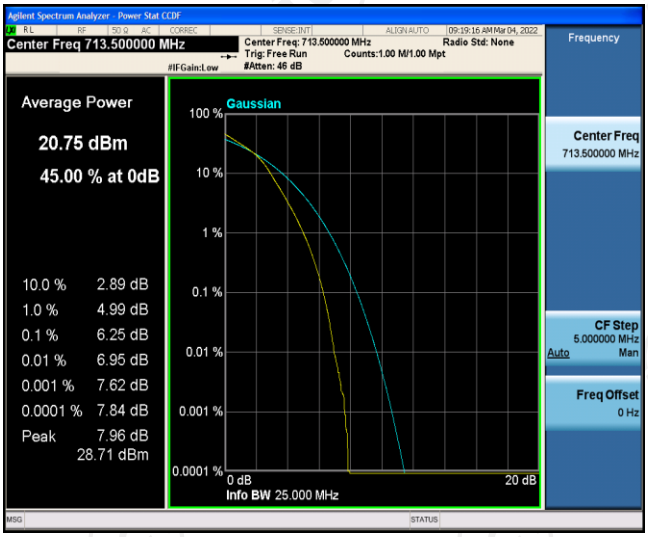

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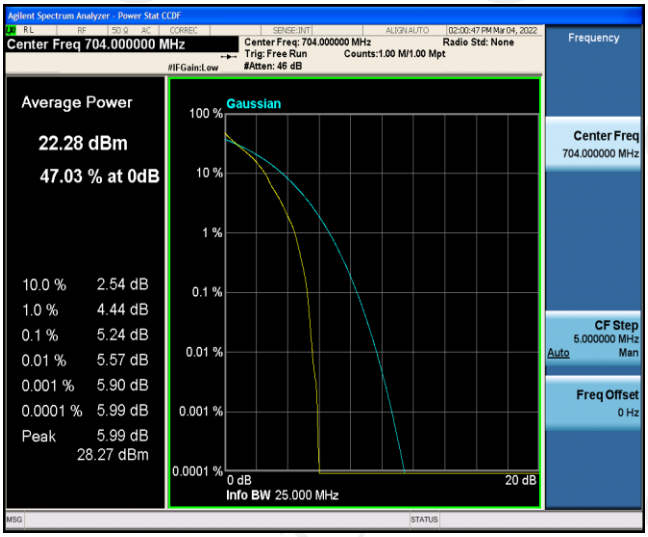

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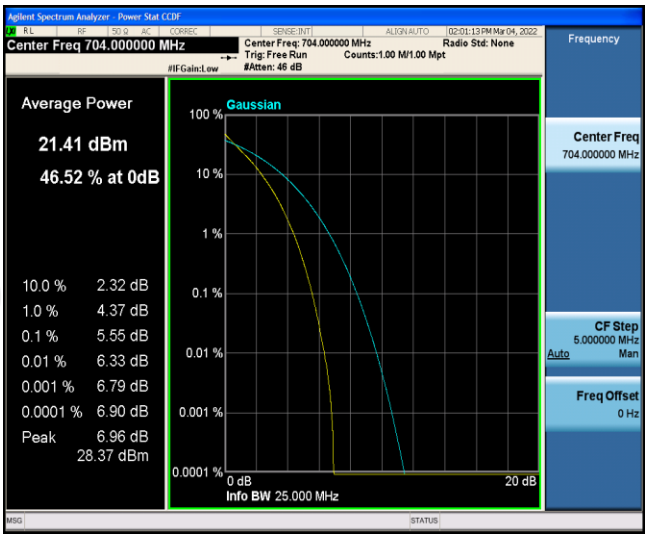

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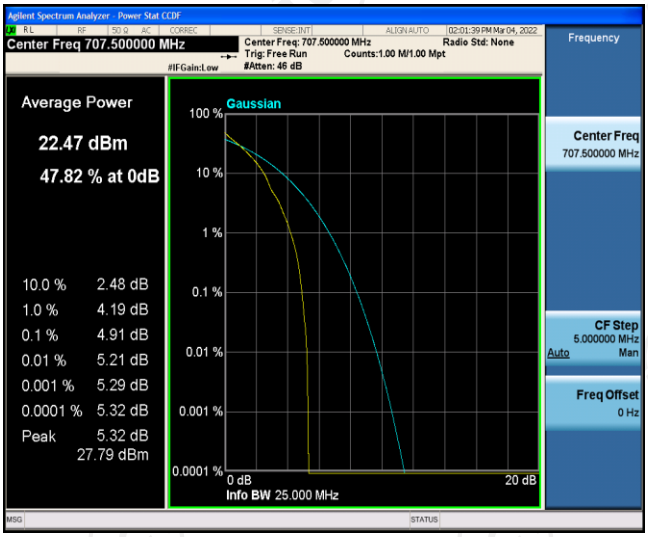

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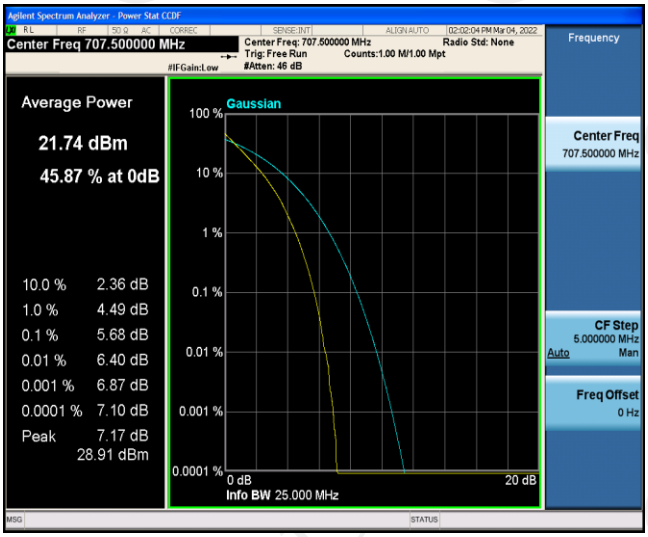

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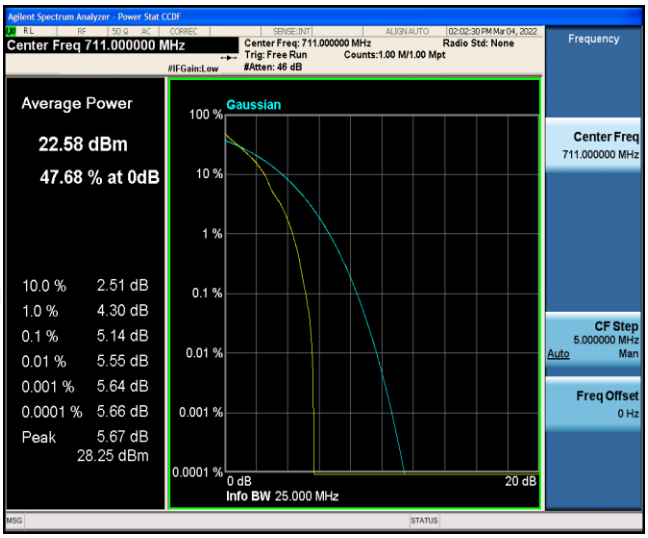

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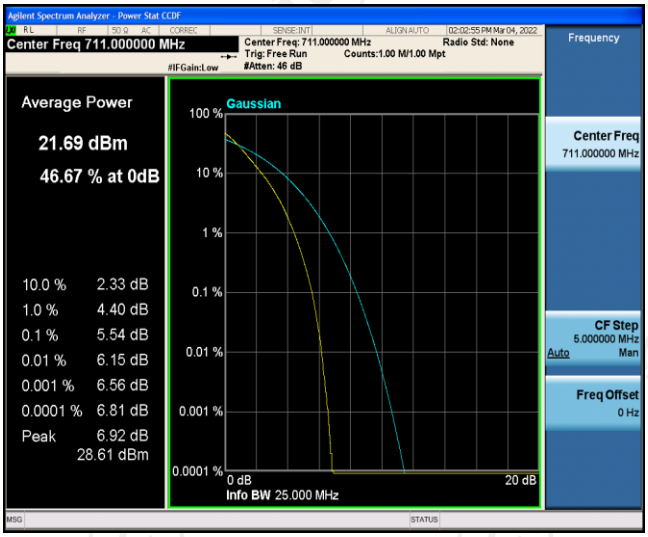

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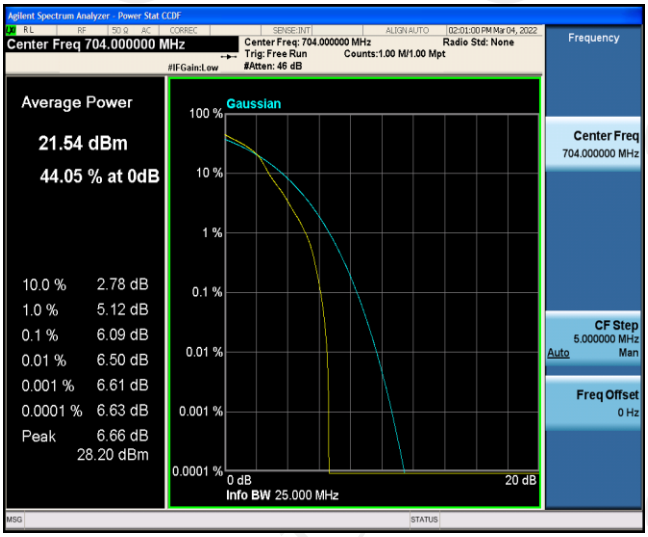

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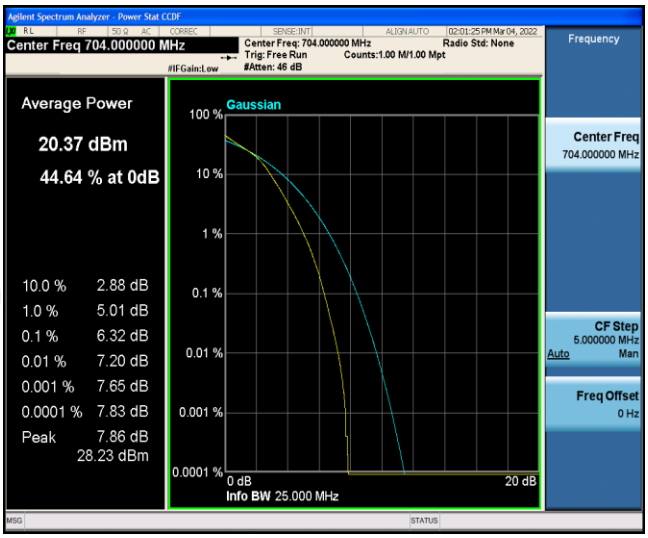

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