



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Appendix B.3

for SZCR2602000721AT

FCC ID: OU9GBS-2104-G



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2.1 Appendix A: Effective (Isotropic) Radiated Power Output Data

2.1.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Power (dBm)	ERP/EI RP (dBm)	Verdict
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	21.11	22.41	PASS
CatM1 Band12	1.4MHz	23017	QPSK	1	5	Low	20.79	22.09	PASS
CatM1 Band12	1.4MHz	23017	QPSK	6	0	Low	18.75	20.05	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	20.24	21.54	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	5	Low	19.91	21.21	PASS
CatM1 Band12	1.4MHz	23017	16QAM	6	0	Low	18.75	20.05	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	0	Low	20.56	21.86	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	5	Low	20.54	21.84	PASS
CatM1 Band12	1.4MHz	23095	QPSK	6	0	Low	18.38	19.68	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	0	Low	19.50	20.80	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	5	Low	19.46	20.76	PASS
CatM1 Band12	1.4MHz	23095	16QAM	6	0	Low	18.37	19.67	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	0	High	20.63	21.93	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	20.59	21.89	PASS
CatM1 Band12	1.4MHz	23173	QPSK	6	0	High	18.47	19.77	PASS
CatM1 Band12	1.4MHz	23173	16QAM	1	0	High	19.76	21.06	PASS
CatM1 Band12	1.4MHz	23173	16QAM	1	5	High	19.73	21.03	PASS
CatM1 Band12	1.4MHz	23173	16QAM	6	0	High	18.47	19.77	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	20.92	22.22	PASS
CatM1 Band12	3MHz	23025	QPSK	1	5	Low	20.73	22.03	PASS
CatM1 Band12	3MHz	23025	QPSK	6	0	Low	18.68	19.98	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	19.97	21.27	PASS
CatM1 Band12	3MHz	23025	16QAM	1	5	Low	19.82	21.12	PASS
CatM1 Band12	3MHz	23025	16QAM	6	0	Low	18.69	19.99	PASS
CatM1 Band12	3MHz	23095	QPSK	1	0	Low	20.71	22.01	PASS
CatM1 Band12	3MHz	23095	QPSK	1	5	Low	20.55	21.85	PASS
CatM1 Band12	3MHz	23095	QPSK	6	0	Low	18.32	19.62	PASS
CatM1 Band12	3MHz	23095	16QAM	1	0	Low	19.60	20.90	PASS
CatM1 Band12	3MHz	23095	16QAM	1	5	Low	19.49	20.79	PASS
CatM1 Band12	3MHz	23095	16QAM	6	0	Low	18.33	19.63	PASS
CatM1 Band12	3MHz	23165	QPSK	1	0	High	20.70	22.00	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	20.67	21.97	PASS



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CatM1 Band12	3MHz	23165	QPSK	6	0	High	18.54	19.84	PASS
CatM1 Band12	3MHz	23165	16QAM	1	0	High	19.82	21.12	PASS
CatM1 Band12	3MHz	23165	16QAM	1	5	High	19.77	21.07	PASS
CatM1 Band12	3MHz	23165	16QAM	6	0	High	18.55	19.85	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	21.11	22.41	PASS
CatM1 Band12	5MHz	23035	QPSK	1	5	Low	20.77	22.07	PASS
CatM1 Band12	5MHz	23035	QPSK	6	0	Low	19.70	21.00	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	21.35	22.65	PASS
CatM1 Band12	5MHz	23035	16QAM	1	5	Low	21.26	22.56	PASS
CatM1 Band12	5MHz	23035	16QAM	6	0	Low	19.71	21.01	PASS
CatM1 Band12	5MHz	23095	QPSK	1	0	Low	20.68	21.98	PASS
CatM1 Band12	5MHz	23095	QPSK	1	5	Low	20.59	21.89	PASS
CatM1 Band12	5MHz	23095	QPSK	6	0	Low	19.52	20.82	PASS
CatM1 Band12	5MHz	23095	16QAM	1	0	Low	20.81	22.11	PASS
CatM1 Band12	5MHz	23095	16QAM	1	5	Low	20.76	22.06	PASS
CatM1 Band12	5MHz	23095	16QAM	6	0	Low	19.53	20.83	PASS
CatM1 Band12	5MHz	23155	QPSK	1	0	High	20.73	22.03	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	20.62	21.92	PASS
CatM1 Band12	5MHz	23155	QPSK	6	0	High	19.46	20.76	PASS
CatM1 Band12	5MHz	23155	16QAM	1	0	High	20.86	22.16	PASS
CatM1 Band12	5MHz	23155	16QAM	1	5	High	20.83	22.13	PASS
CatM1 Band12	5MHz	23155	16QAM	6	0	High	19.48	20.78	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	20.76	22.06	PASS
CatM1 Band12	10MHz	23060	QPSK	1	5	Low	20.78	22.08	PASS
CatM1 Band12	10MHz	23060	QPSK	6	0	Low	19.70	21.00	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	21.32	22.62	PASS
CatM1 Band12	10MHz	23060	16QAM	1	5	Low	21.24	22.54	PASS
CatM1 Band12	10MHz	23060	16QAM	6	0	Low	19.71	21.01	PASS
CatM1 Band12	10MHz	23095	QPSK	1	0	Low	20.71	22.01	PASS
CatM1 Band12	10MHz	23095	QPSK	1	5	Low	20.68	21.98	PASS
CatM1 Band12	10MHz	23095	QPSK	6	0	Low	19.59	20.89	PASS
CatM1 Band12	10MHz	23095	16QAM	1	0	Low	20.85	22.15	PASS
CatM1 Band12	10MHz	23095	16QAM	1	5	Low	21.14	22.44	PASS
CatM1 Band12	10MHz	23095	16QAM	6	0	Low	19.60	20.90	PASS
CatM1 Band12	10MHz	23130	QPSK	1	0	High	20.73	22.03	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	20.64	21.94	PASS
CatM1 Band12	10MHz	23130	QPSK	6	0	High	19.48	20.78	PASS
CatM1 Band12	10MHz	23130	16QAM	1	0	High	20.91	22.21	PASS



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CatM1 Band12	10MHz	23130	16QAM	1	5	High	20.82	22.12	PASS
CatM1 Band12	10MHz	23130	16QAM	6	0	High	19.50	20.80	PASS

Note: ERP≤3W(34.77dBm).



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

2.2.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NBIndex	Result(dB)	Limit (dB)	Verdict
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	3.27	<=13	PASS
CatM1 Band12	1.4MHz	23017	QPSK	6	0	Low	4.69	<=13	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	4.22	<=13	PASS
CatM1 Band12	1.4MHz	23017	16QAM	6	0	Low	4.68	<=13	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	0	Low	3.53	<=13	PASS
CatM1 Band12	1.4MHz	23095	QPSK	6	0	Low	4.49	<=13	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	0	Low	3.97	<=13	PASS
CatM1 Band12	1.4MHz	23095	16QAM	6	0	Low	4.50	<=13	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	3.46	<=13	PASS
CatM1 Band12	1.4MHz	23173	QPSK	6	0	High	4.60	<=13	PASS
CatM1 Band12	1.4MHz	23173	16QAM	1	5	High	4.37	<=13	PASS
CatM1 Band12	1.4MHz	23173	16QAM	6	0	High	4.61	<=13	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	3.25	<=13	PASS
CatM1 Band12	3MHz	23025	QPSK	6	0	Low	4.63	<=13	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	4.21	<=13	PASS
CatM1 Band12	3MHz	23025	16QAM	6	0	Low	4.65	<=13	PASS
CatM1 Band12	3MHz	23095	QPSK	1	0	Low	3.52	<=13	PASS
CatM1 Band12	3MHz	23095	QPSK	6	0	Low	4.55	<=13	PASS
CatM1 Band12	3MHz	23095	16QAM	1	0	Low	3.95	<=13	PASS
CatM1 Band12	3MHz	23095	16QAM	6	0	Low	4.49	<=13	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	3.40	<=13	PASS
CatM1 Band12	3MHz	23165	QPSK	6	0	High	4.58	<=13	PASS
CatM1 Band12	3MHz	23165	16QAM	1	5	High	5.86	<=13	PASS
CatM1 Band12	3MHz	23165	16QAM	6	0	High	4.57	<=13	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	3.40	<=13	PASS
CatM1 Band12	5MHz	23035	QPSK	6	0	Low	4.37	<=13	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	4.68	<=13	PASS
CatM1 Band12	5MHz	23035	16QAM	6	0	Low	4.35	<=13	PASS
CatM1 Band12	5MHz	23095	QPSK	1	0	Low	3.53	<=13	PASS
CatM1 Band12	5MHz	23095	QPSK	6	0	Low	4.42	<=13	PASS
CatM1 Band12	5MHz	23095	16QAM	1	0	Low	3.58	<=13	PASS
CatM1 Band12	5MHz	23095	16QAM	6	0	Low	4.48	<=13	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	3.36	<=13	PASS
CatM1 Band12	5MHz	23155	QPSK	6	0	High	4.32	<=13	PASS
CatM1 Band12	5MHz	23155	16QAM	1	5	High	3.83	<=13	PASS
CatM1 Band12	5MHz	23155	16QAM	6	0	High	4.39	<=13	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	3.47	<=13	PASS

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CatM1 Band12	10MHz	23060	QPSK	6	0	Low	4.25	<=13	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	3.49	<=13	PASS
CatM1 Band12	10MHz	23060	16QAM	6	0	Low	4.27	<=13	PASS
CatM1 Band12	10MHz	23095	QPSK	1	0	Low	3.47	<=13	PASS
CatM1 Band12	10MHz	23095	QPSK	6	0	Low	4.14	<=13	PASS
CatM1 Band12	10MHz	23095	16QAM	1	0	Low	3.29	<=13	PASS
CatM1 Band12	10MHz	23095	16QAM	6	0	Low	4.12	<=13	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	3.35	<=13	PASS
CatM1 Band12	10MHz	23130	QPSK	6	0	High	4.28	<=13	PASS
CatM1 Band12	10MHz	23130	16QAM	1	5	High	3.76	<=13	PASS
CatM1 Band12	10MHz	23130	16QAM	6	0	High	4.28	<=13	PASS



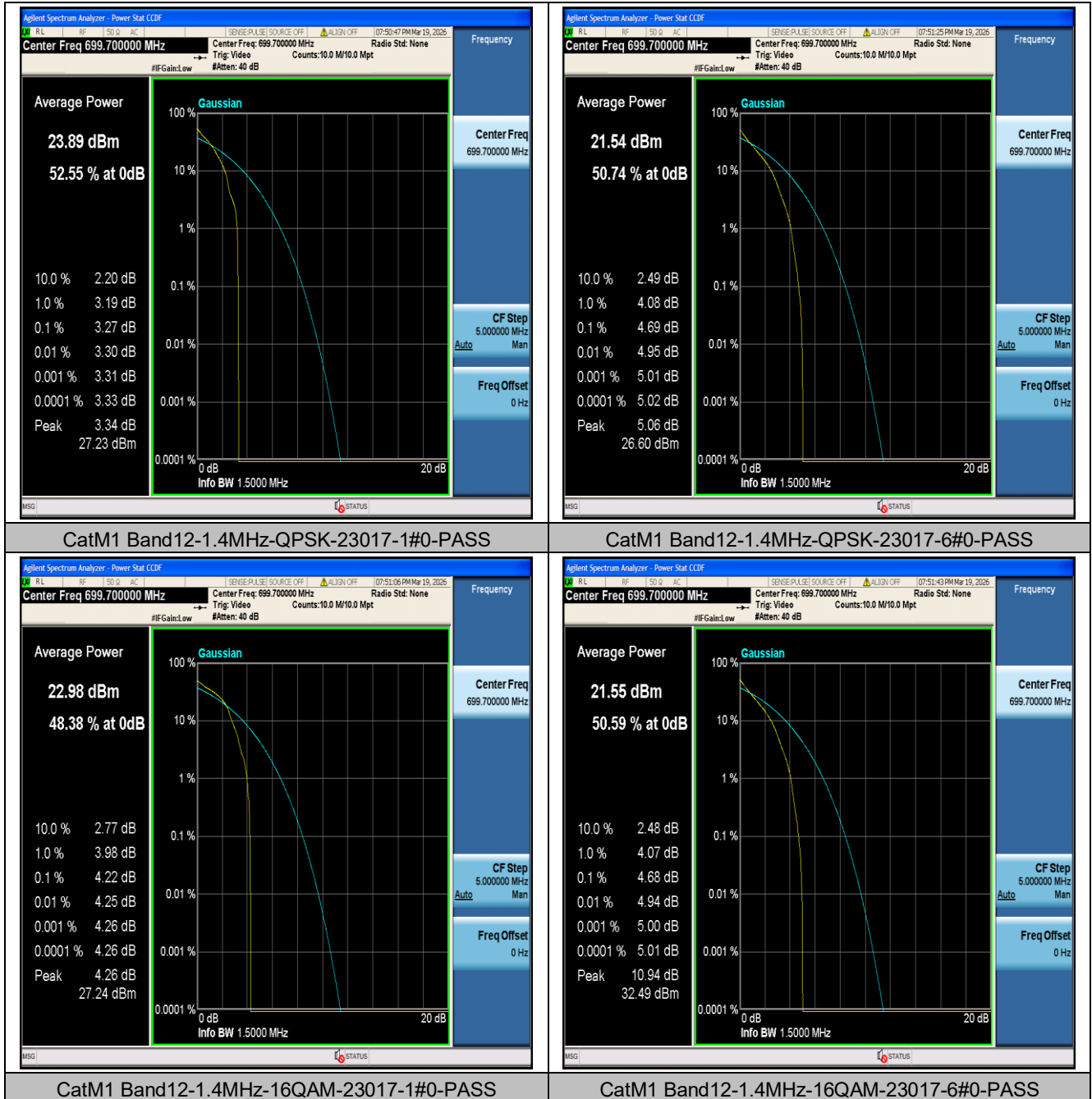
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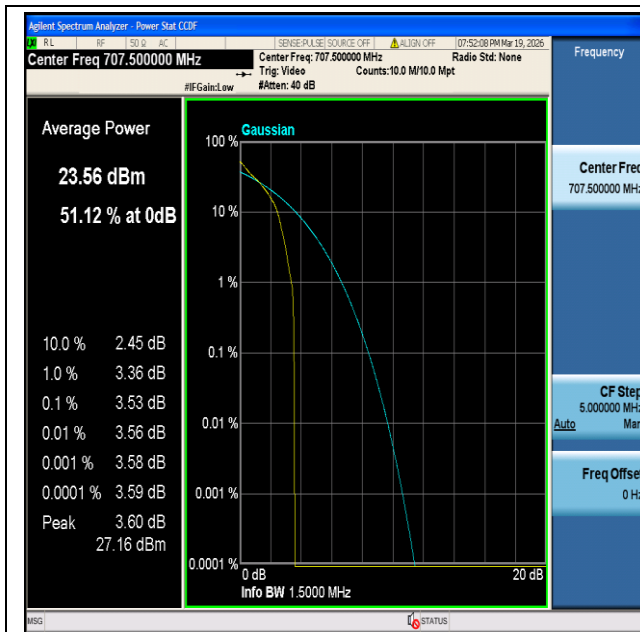
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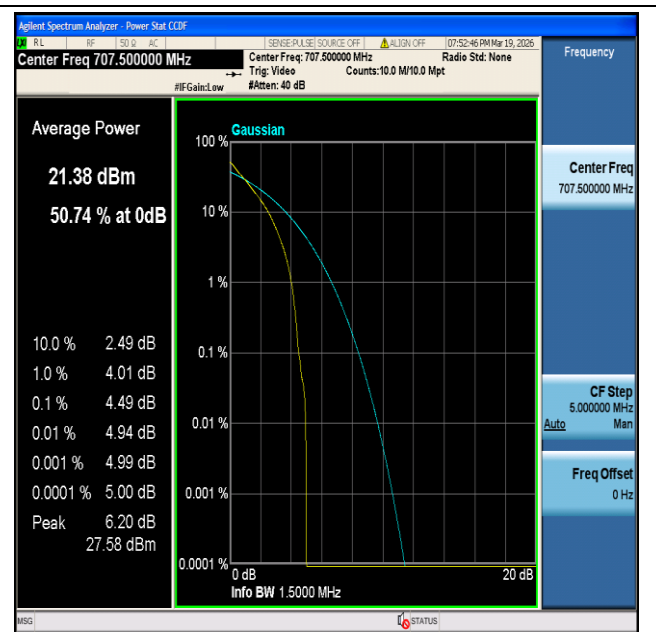
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2.2.2 Test Graphs

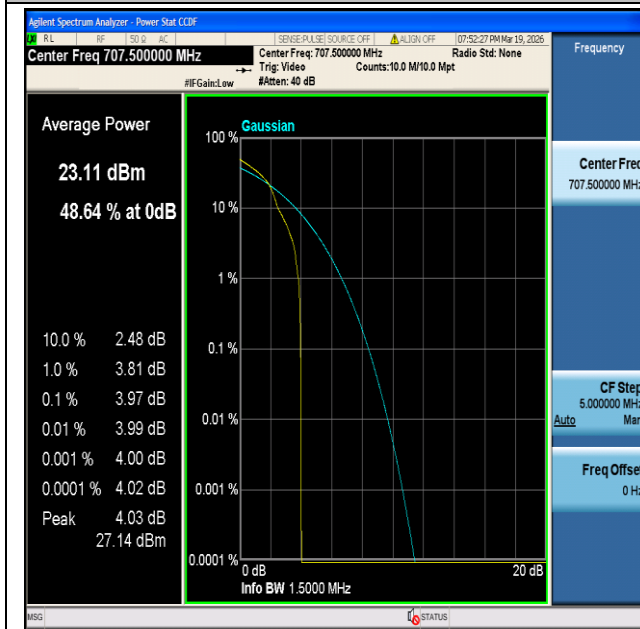




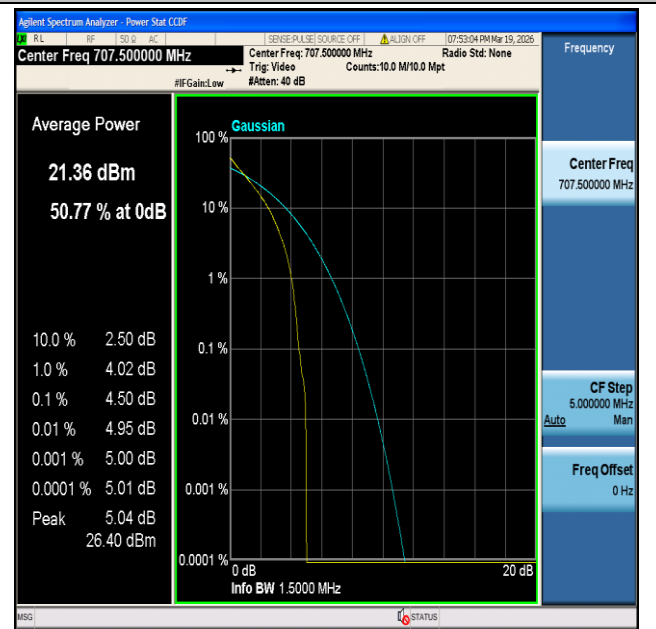
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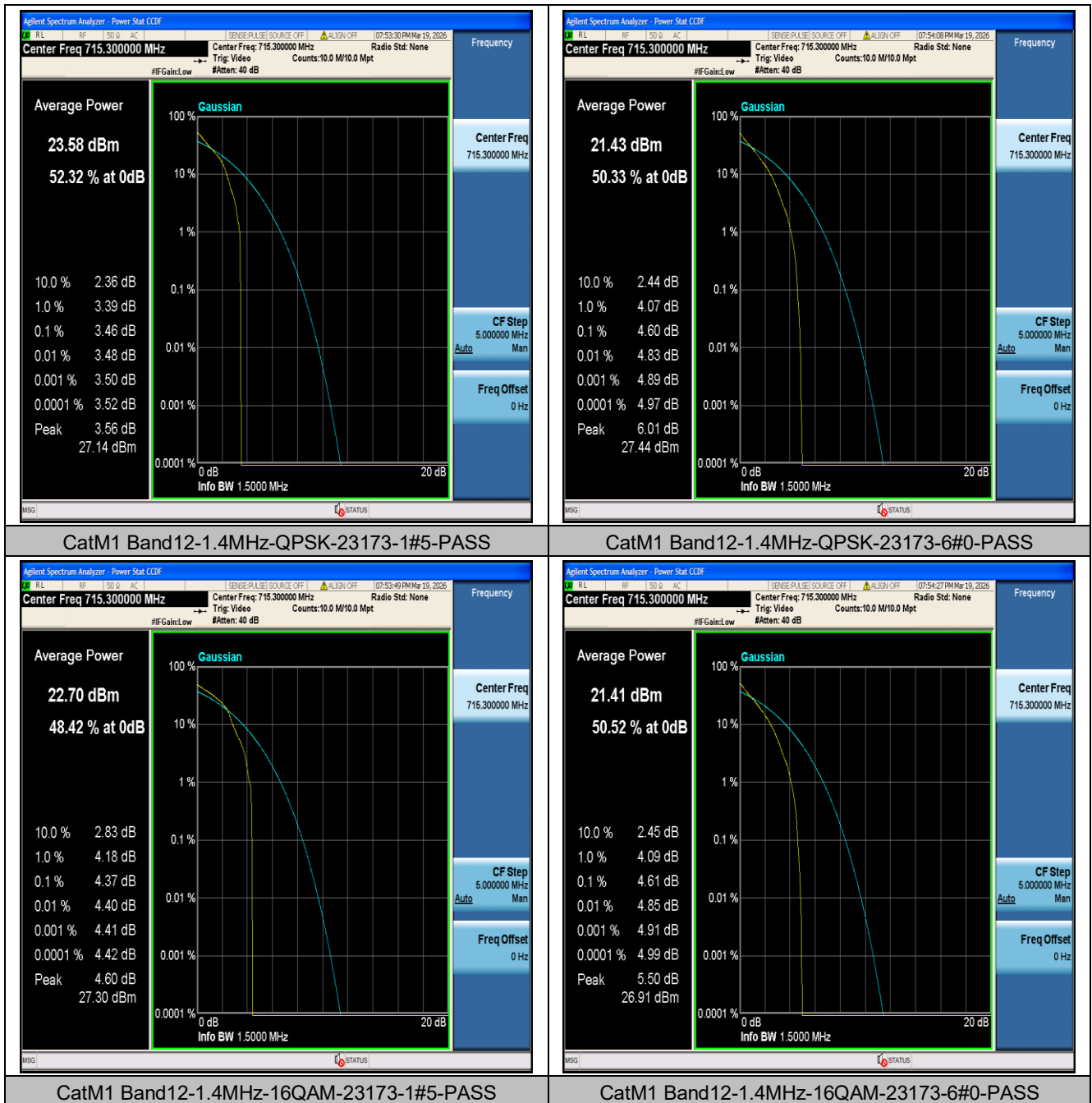
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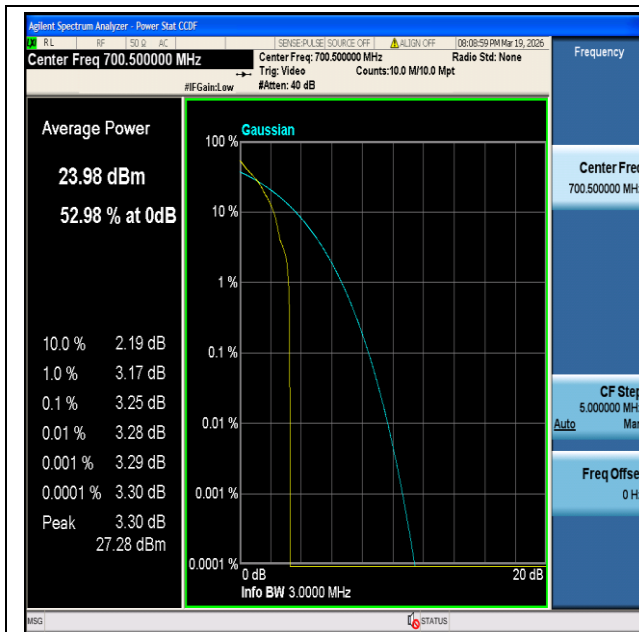


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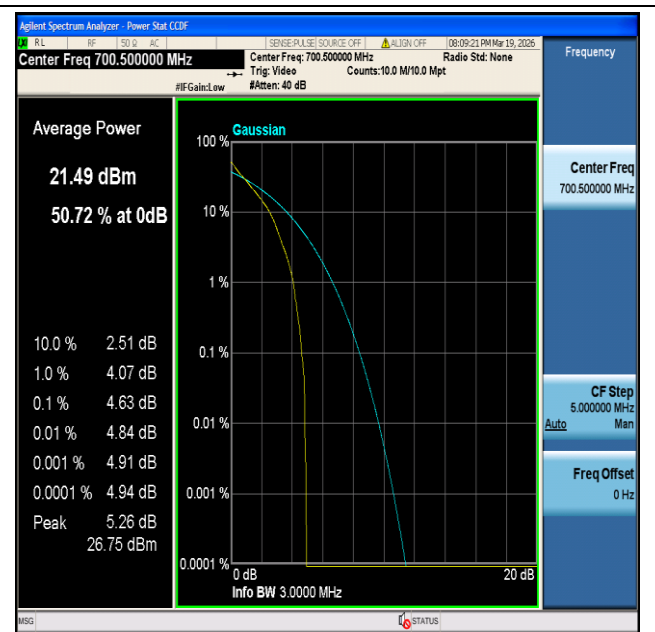


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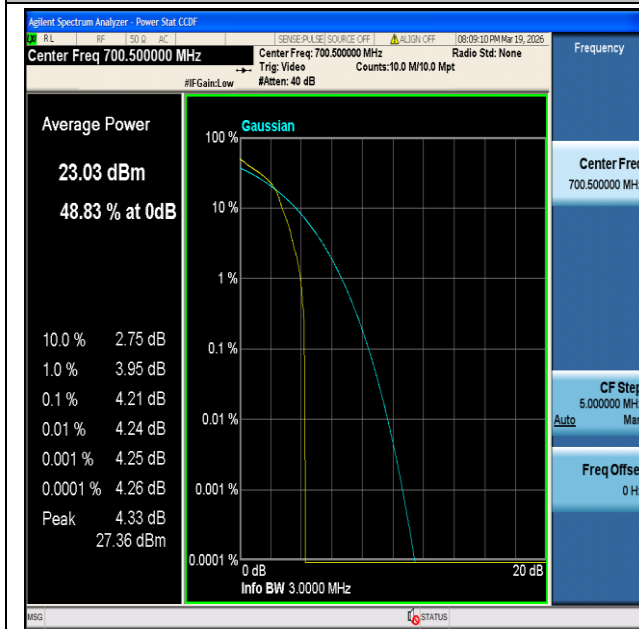




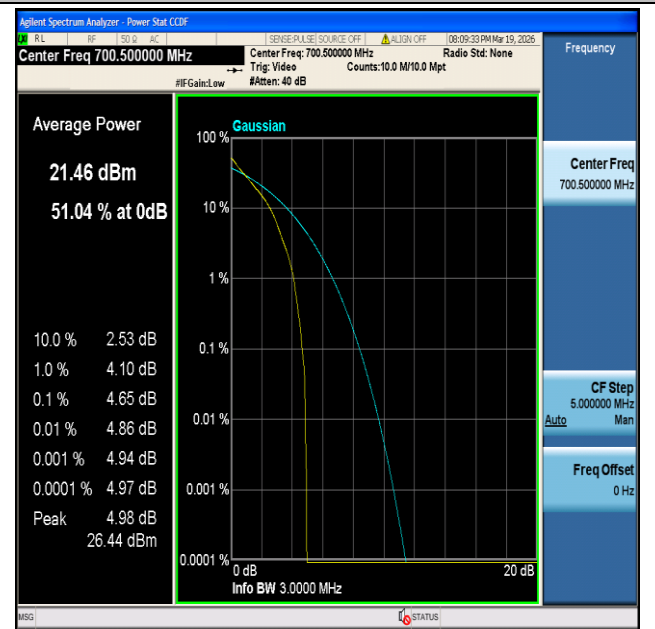
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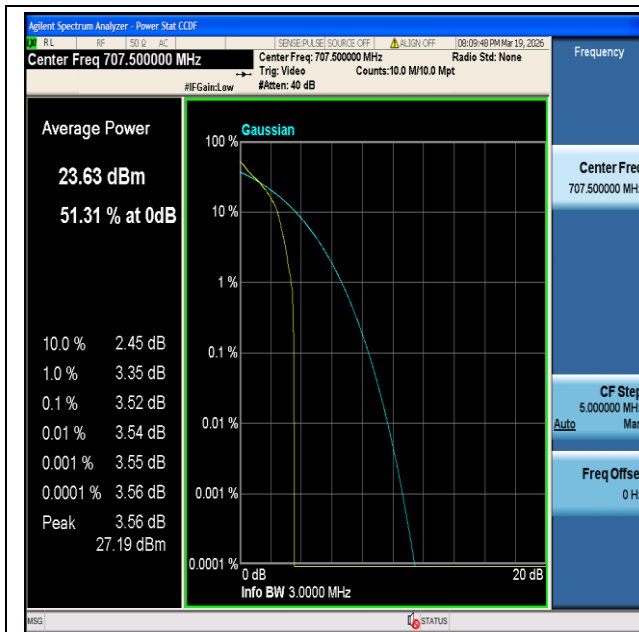
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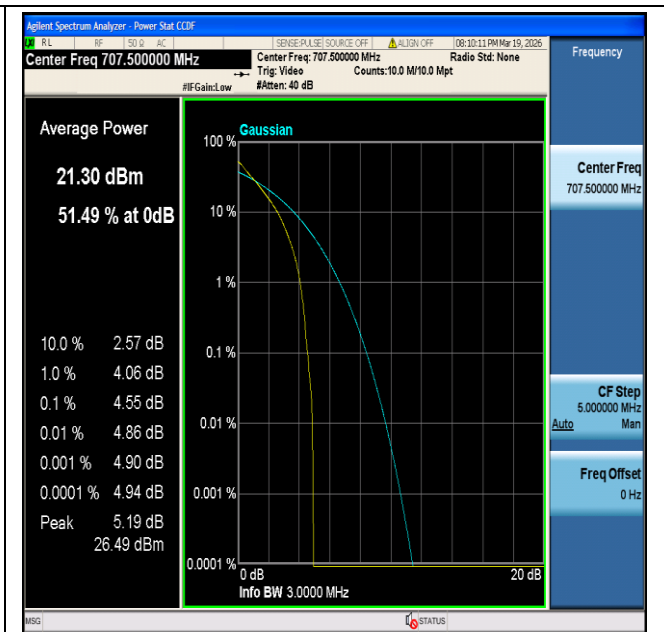
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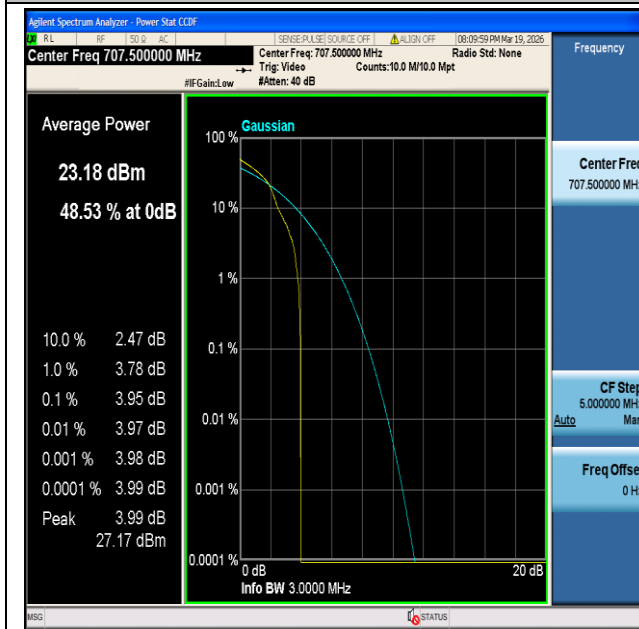
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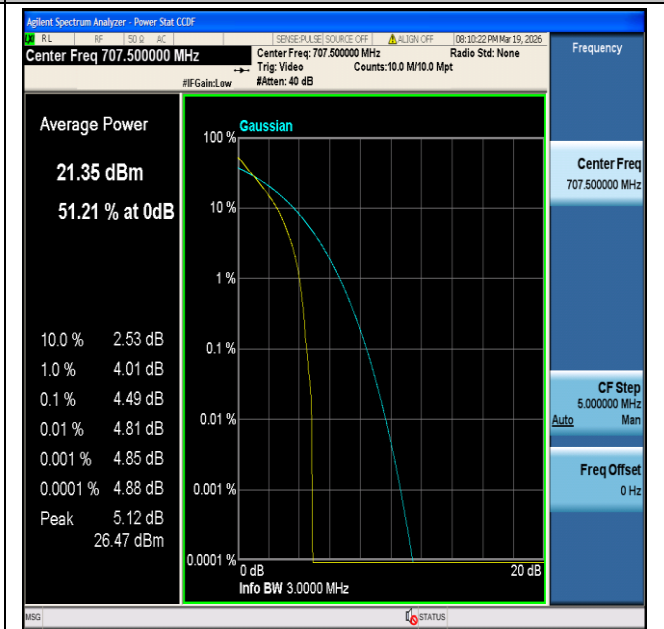
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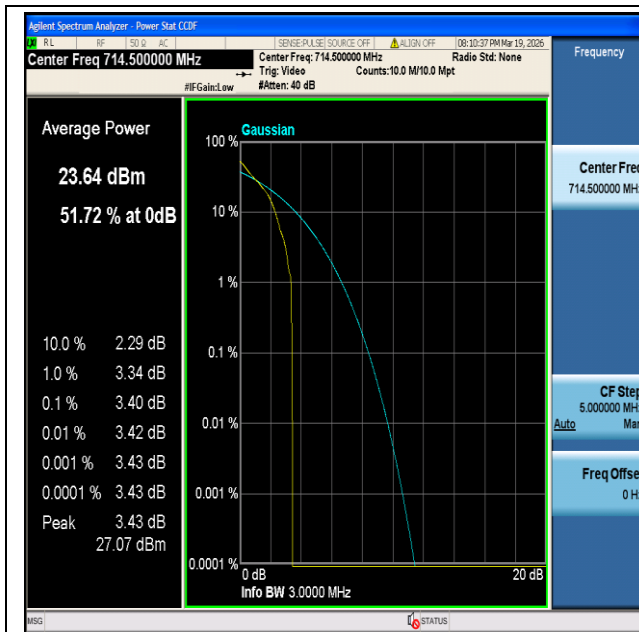
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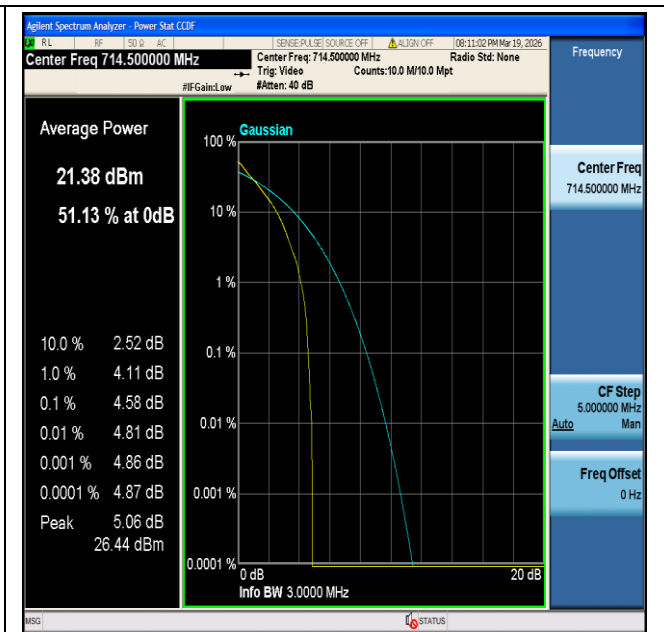
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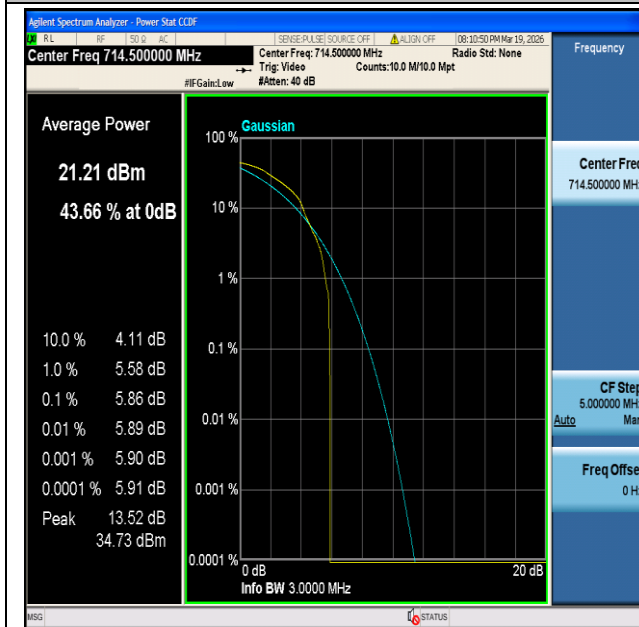
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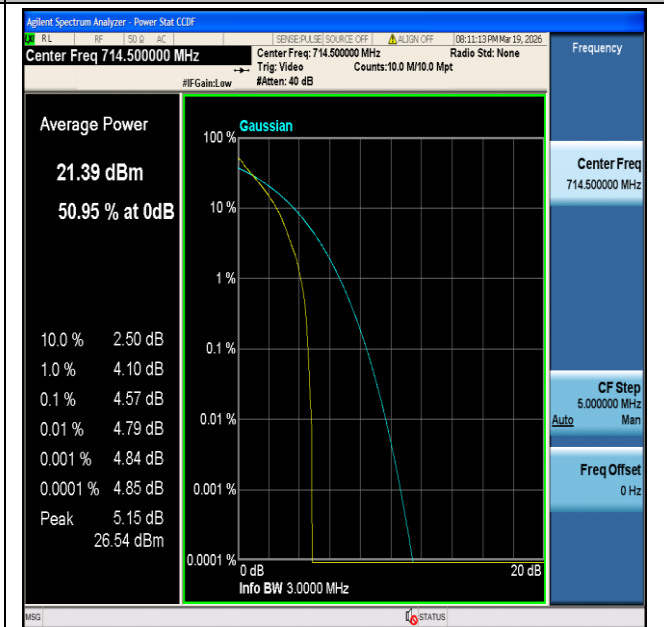
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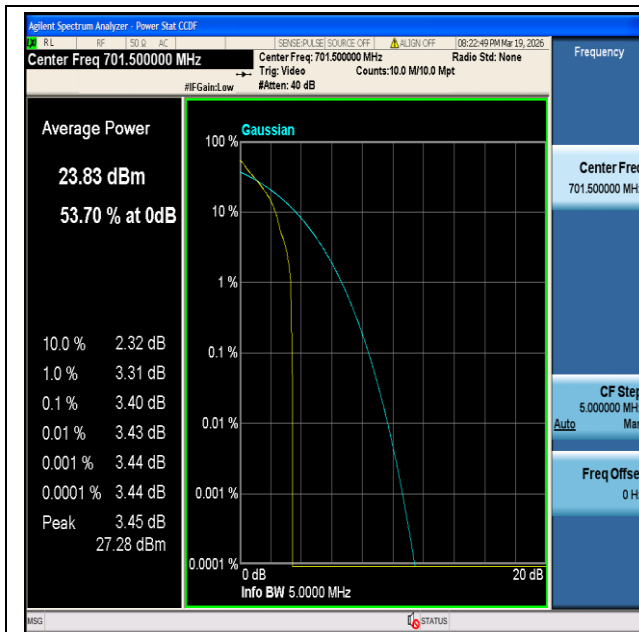
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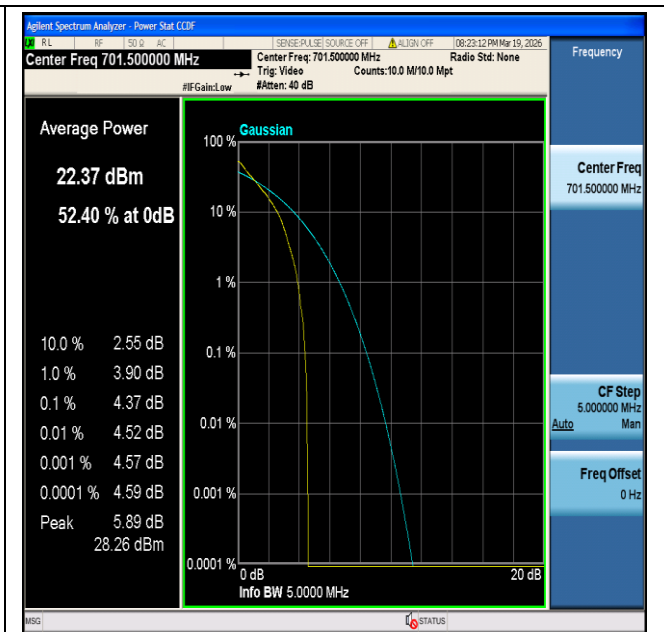
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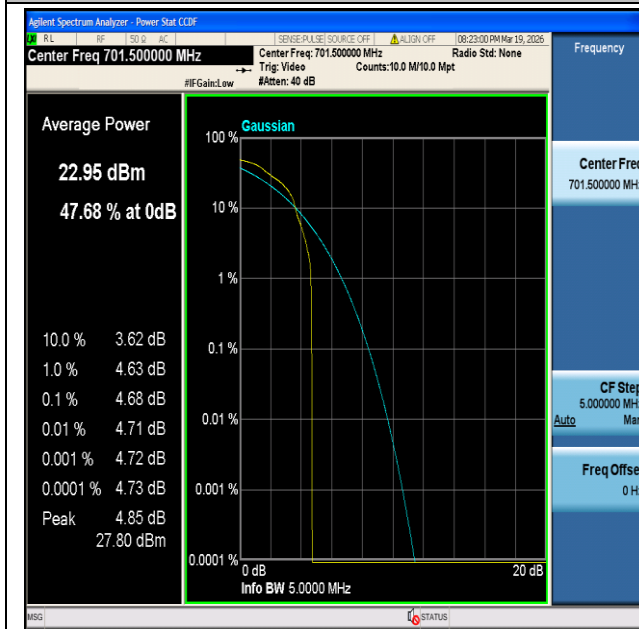
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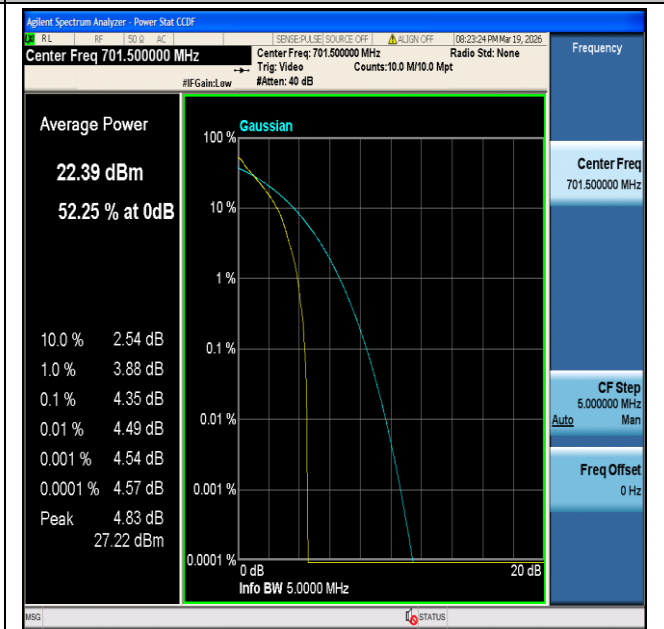
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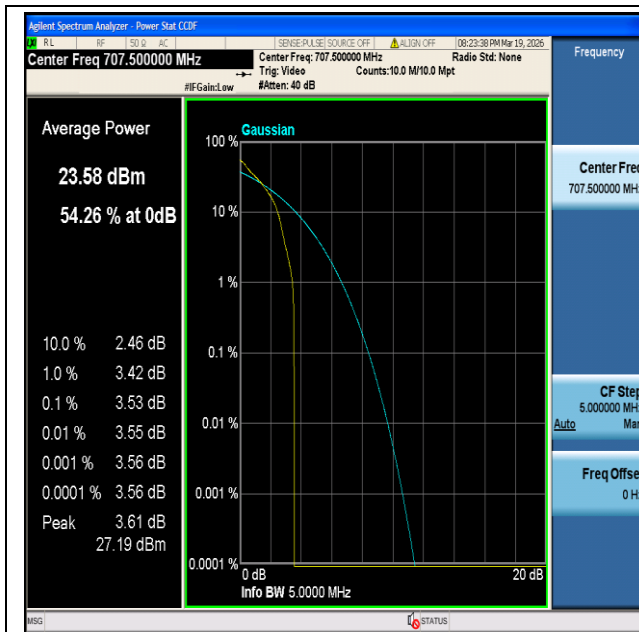
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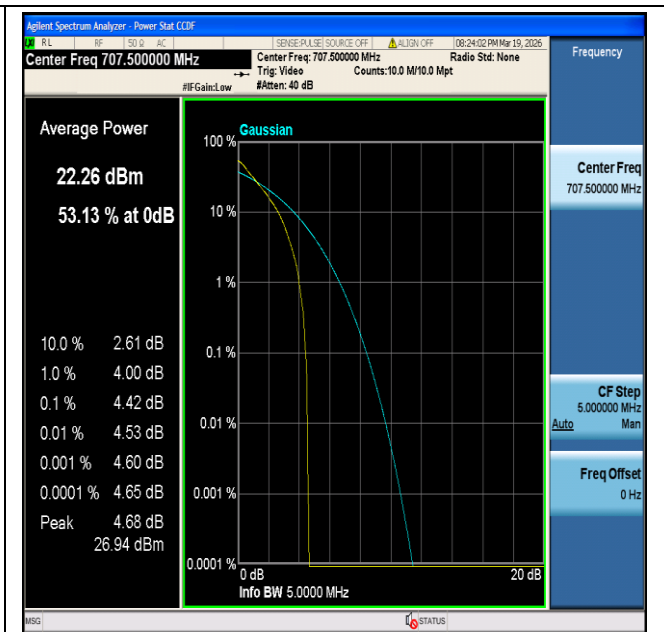
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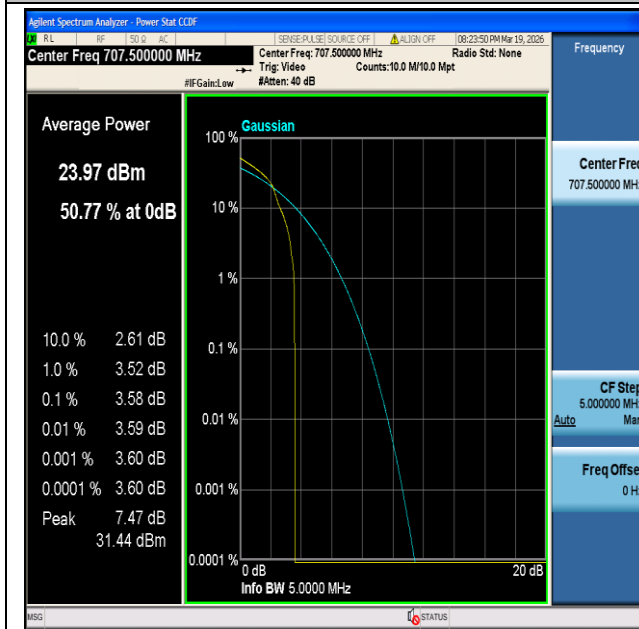
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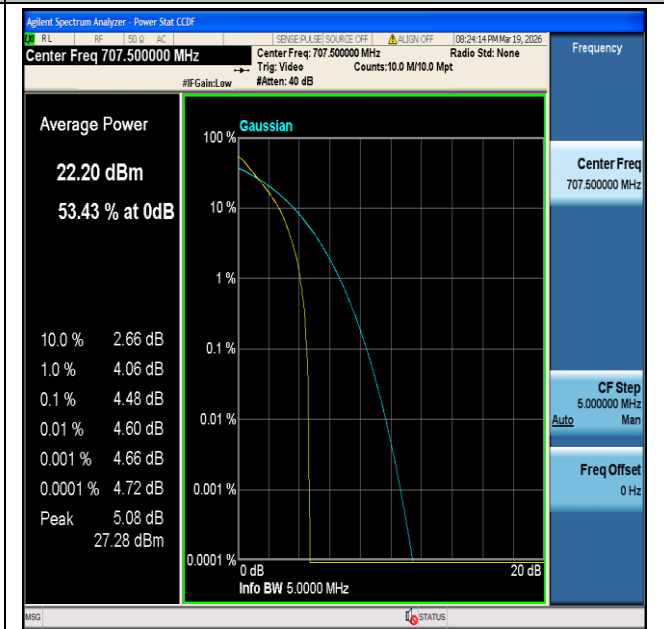
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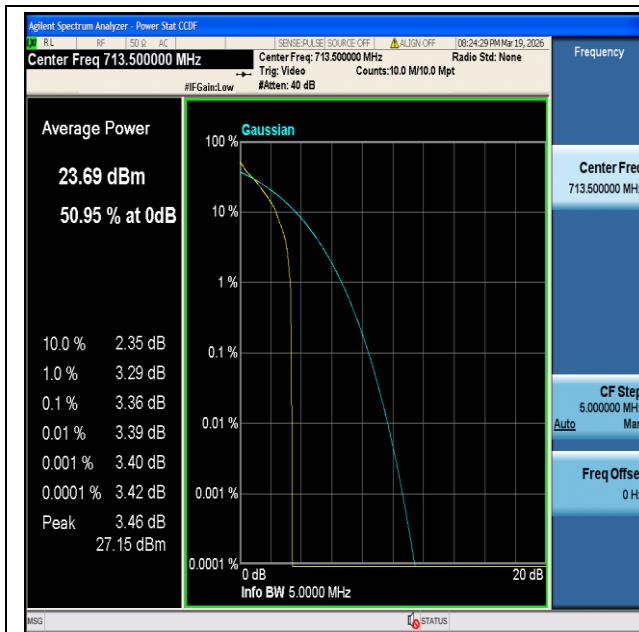
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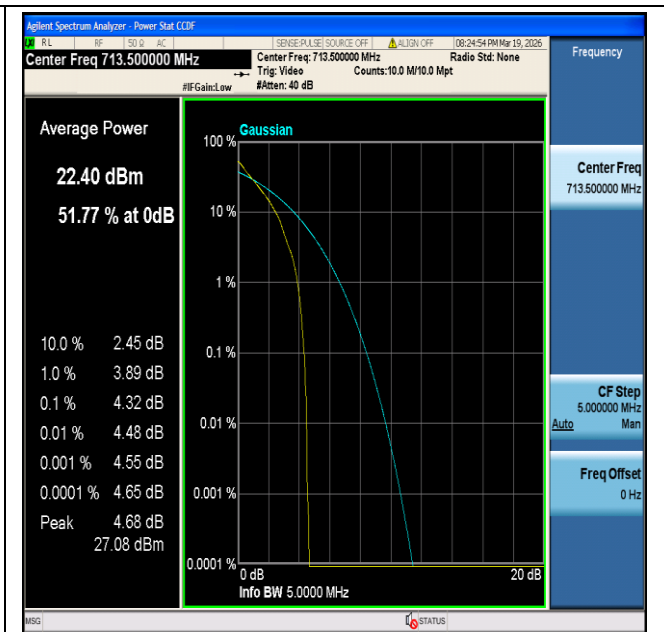
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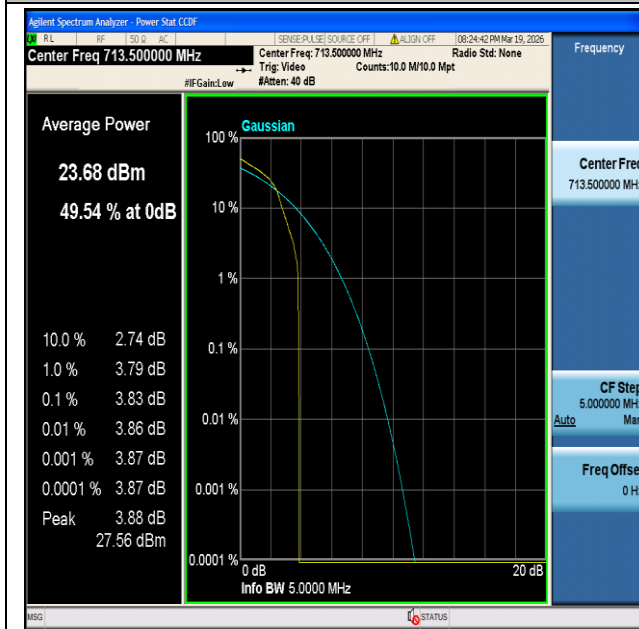
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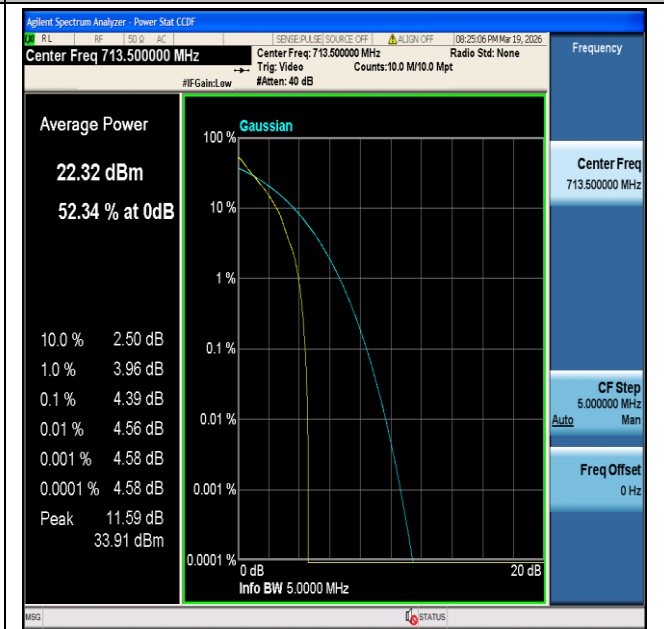
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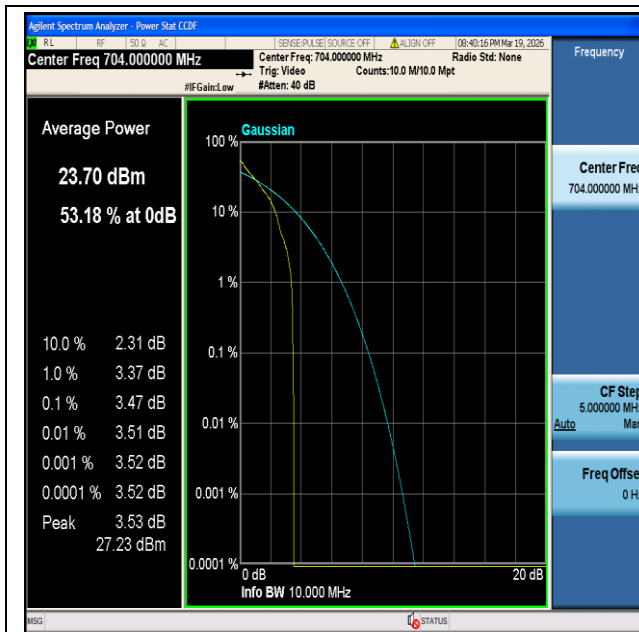


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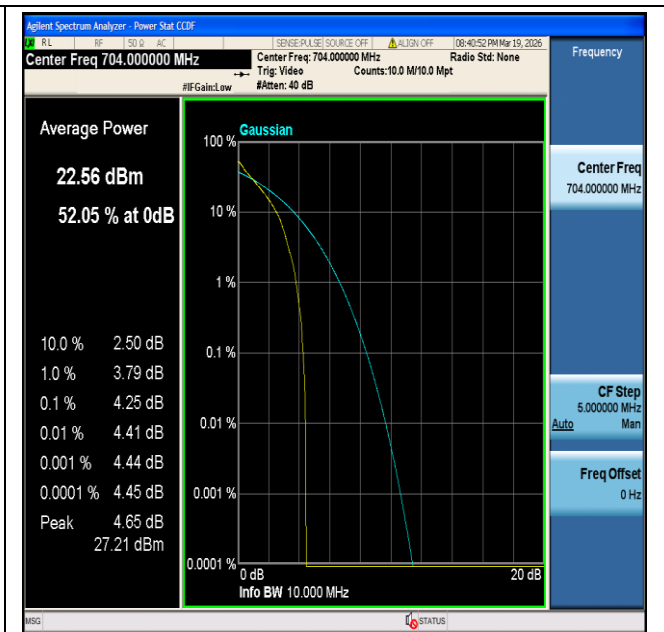
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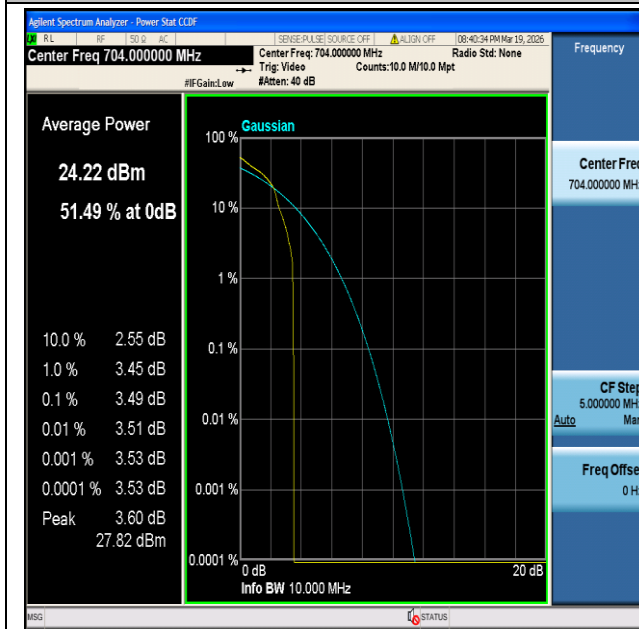
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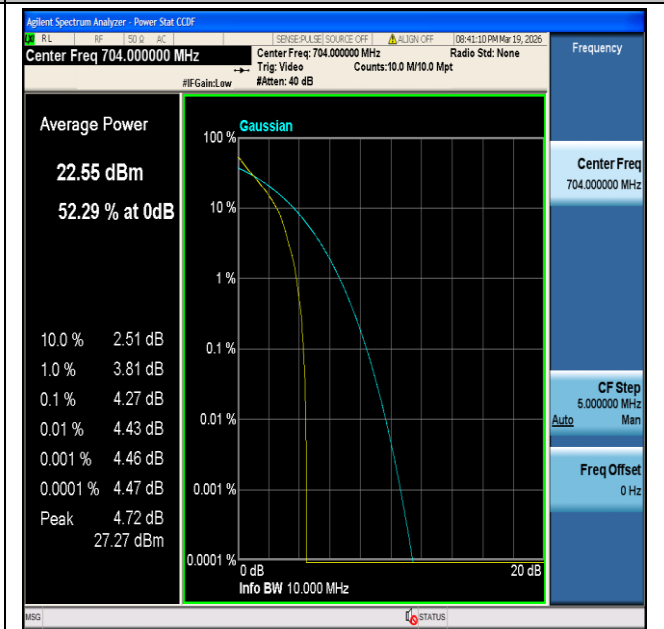
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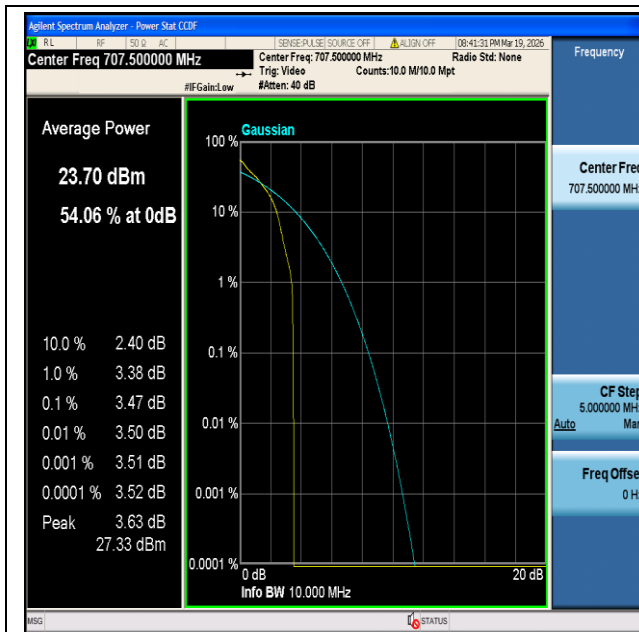
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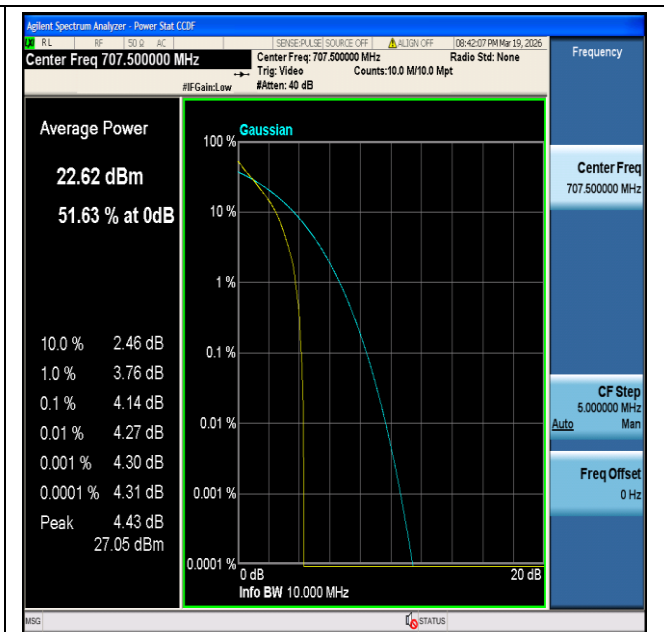
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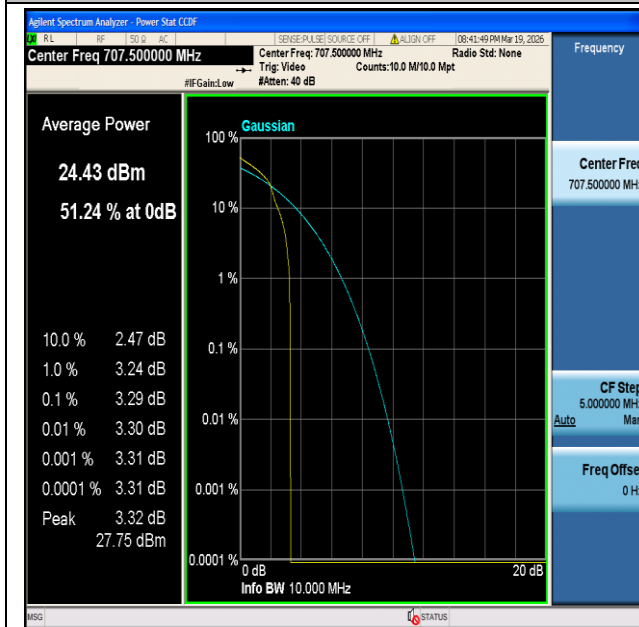
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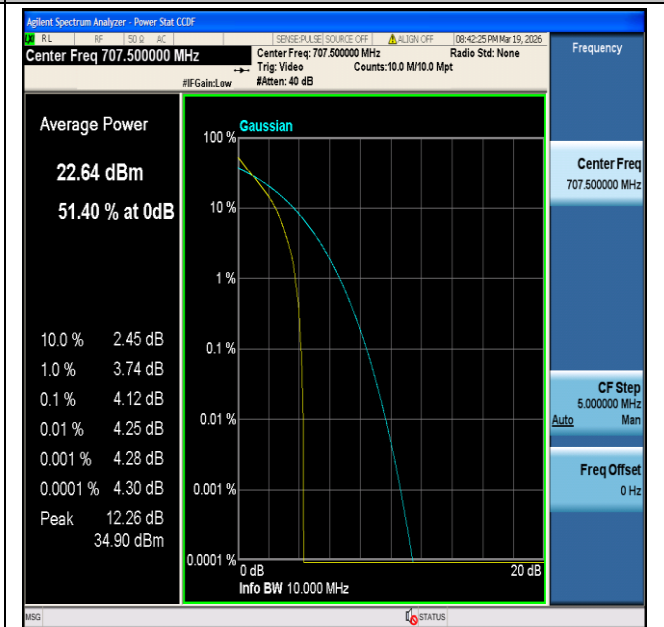
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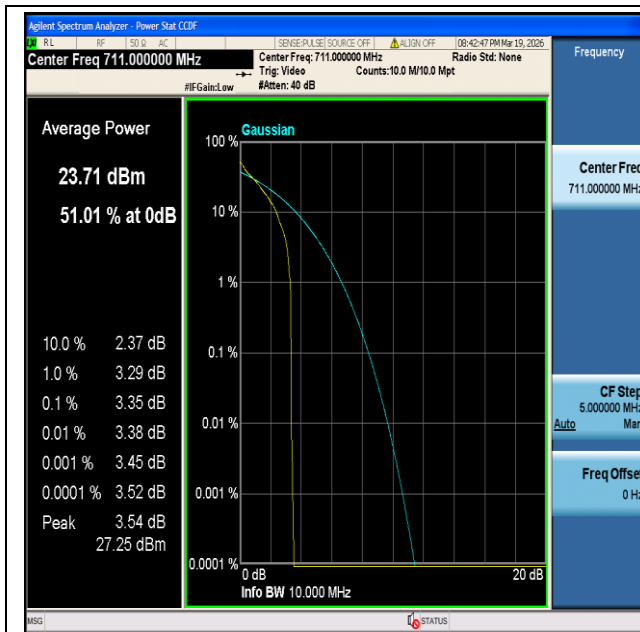
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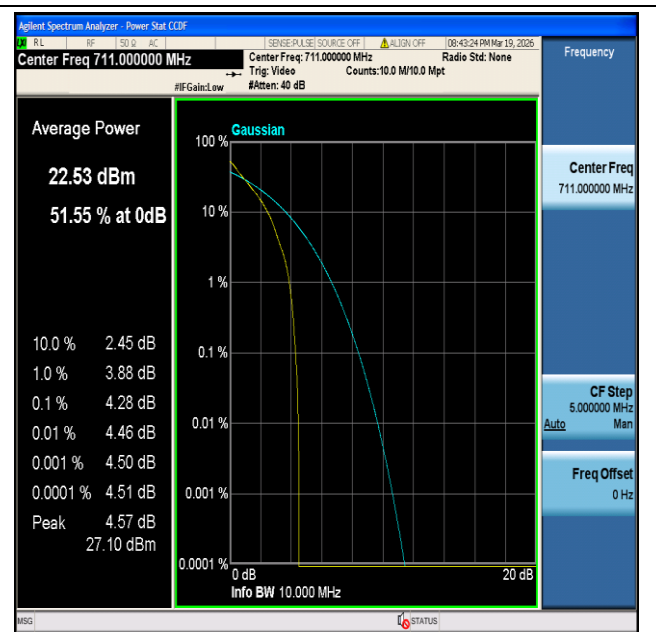
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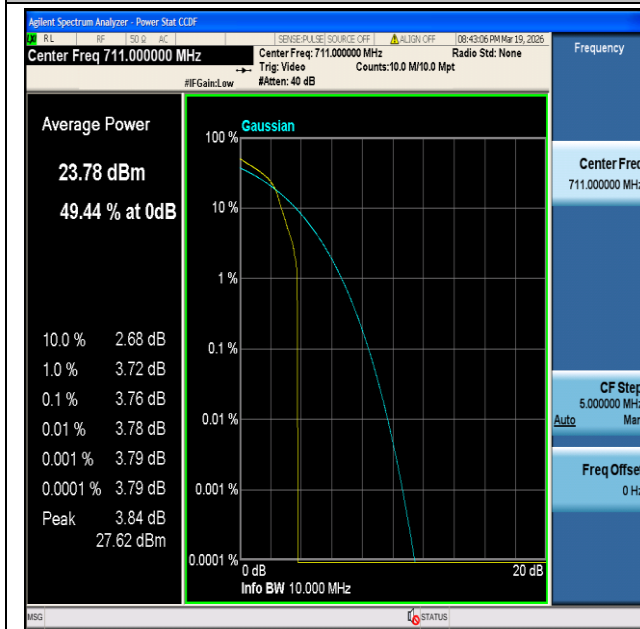
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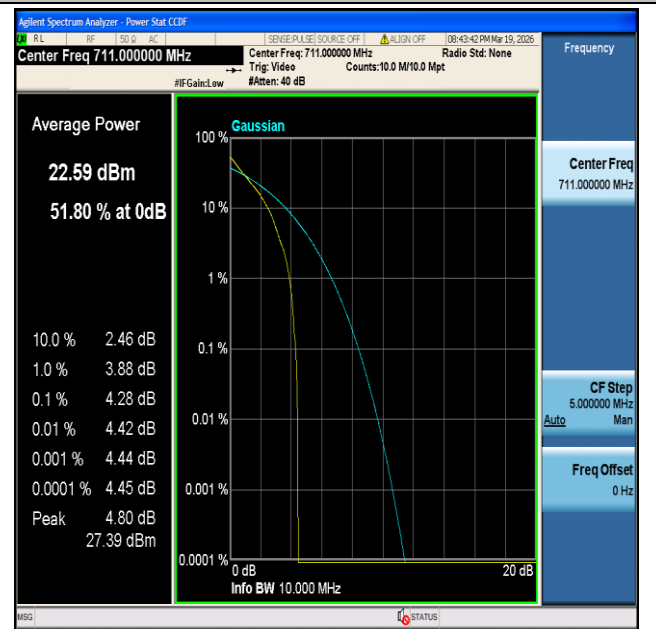
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CatM1 Band12-10MHz-16QAM-23130-1#5-PASS



CatM1 Band12-10MHz-16QAM-23130-6#0-PASS



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2.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

2.3.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
CatM1 Band12	1.4MHz	23017	QPSK	6	0	Low	1.0907	1.283	PASS
CatM1 Band12	1.4MHz	23017	16QAM	6	0	Low	1.0907	1.284	PASS
CatM1 Band12	1.4MHz	23095	QPSK	6	0	Low	1.0914	1.263	PASS
CatM1 Band12	1.4MHz	23095	16QAM	6	0	Low	1.0908	1.265	PASS
CatM1 Band12	1.4MHz	23173	QPSK	6	0	High	1.0995	1.332	PASS
CatM1 Band12	1.4MHz	23173	16QAM	6	0	High	1.1005	1.339	PASS
CatM1 Band12	3MHz	23025	QPSK	6	0	Low	1.1190	1.371	PASS
CatM1 Band12	3MHz	23025	16QAM	6	0	Low	1.1136	1.371	PASS
CatM1 Band12	3MHz	23095	QPSK	6	0	Low	1.1131	1.321	PASS
CatM1 Band12	3MHz	23095	16QAM	6	0	Low	1.1201	1.329	PASS
CatM1 Band12	3MHz	23165	QPSK	6	0	High	1.1231	1.361	PASS
CatM1 Band12	3MHz	23165	16QAM	6	0	High	1.1232	1.361	PASS
CatM1 Band12	5MHz	23035	QPSK	6	0	Low	1.1896	1.494	PASS
CatM1 Band12	5MHz	23035	16QAM	6	0	Low	1.1854	1.484	PASS
CatM1 Band12	5MHz	23095	QPSK	6	0	Low	1.1757	1.610	PASS
CatM1 Band12	5MHz	23095	16QAM	6	0	Low	1.1805	1.620	PASS
CatM1 Band12	5MHz	23155	QPSK	6	0	High	1.1905	1.429	PASS
CatM1 Band12	5MHz	23155	16QAM	6	0	High	1.1928	1.434	PASS
CatM1 Band12	10MHz	23060	QPSK	6	0	Low	1.3512	2.149	PASS
CatM1 Band12	10MHz	23060	16QAM	6	0	Low	1.3606	2.159	PASS
CatM1 Band12	10MHz	23095	QPSK	6	0	Low	1.3657	2.075	PASS
CatM1 Band12	10MHz	23095	16QAM	6	0	Low	1.3537	2.074	PASS
CatM1 Band12	10MHz	23130	QPSK	6	0	High	1.3707	1.925	PASS
CatM1 Band12	10MHz	23130	16QAM	6	0	High	1.3597	1.900	PASS

Note: No Limit.

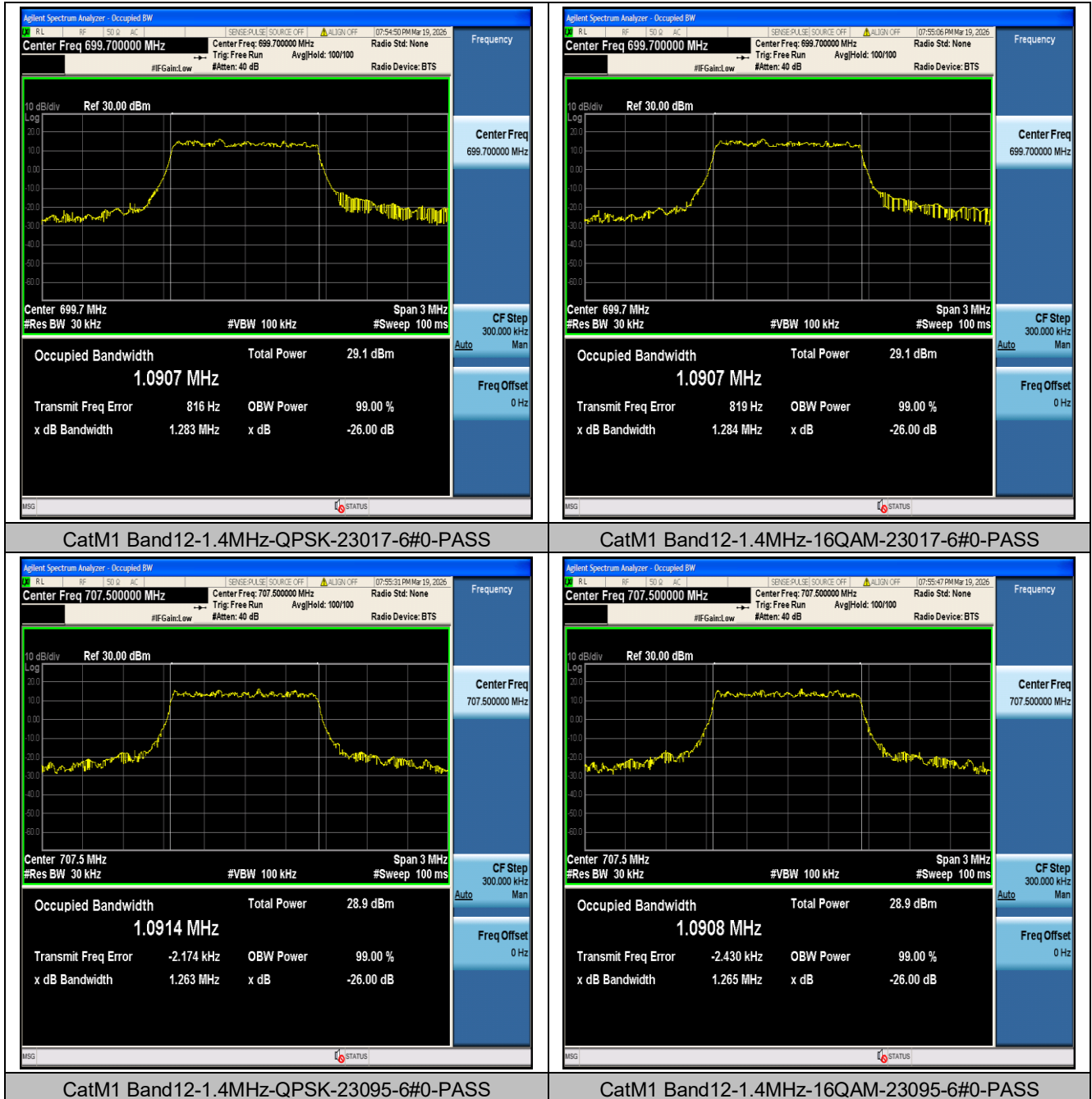


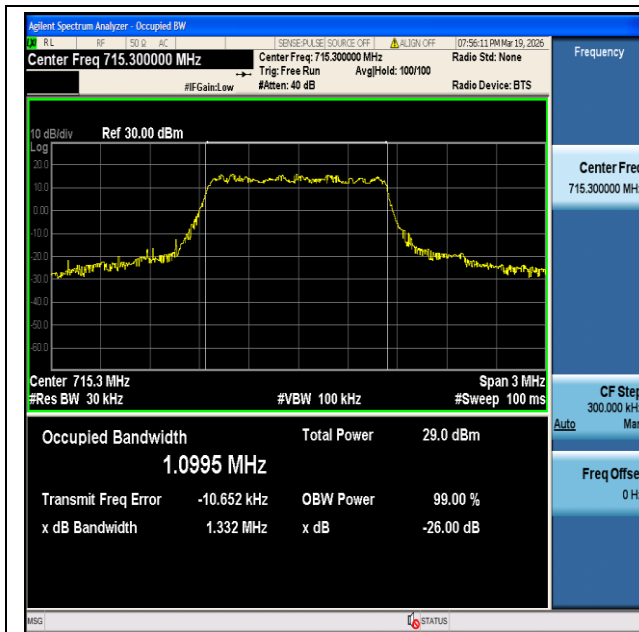
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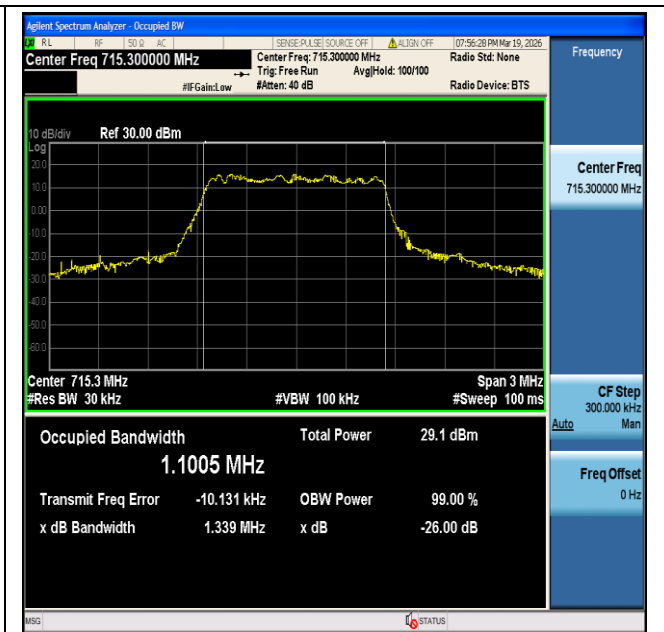
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2.3.2 Test Graphs

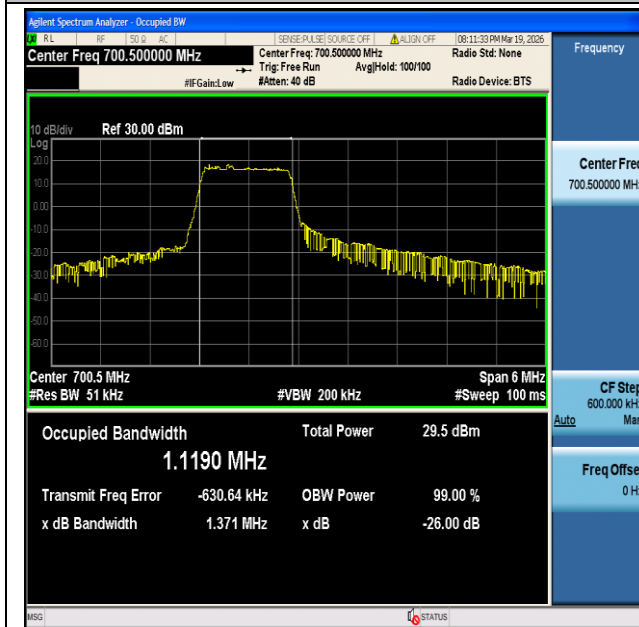




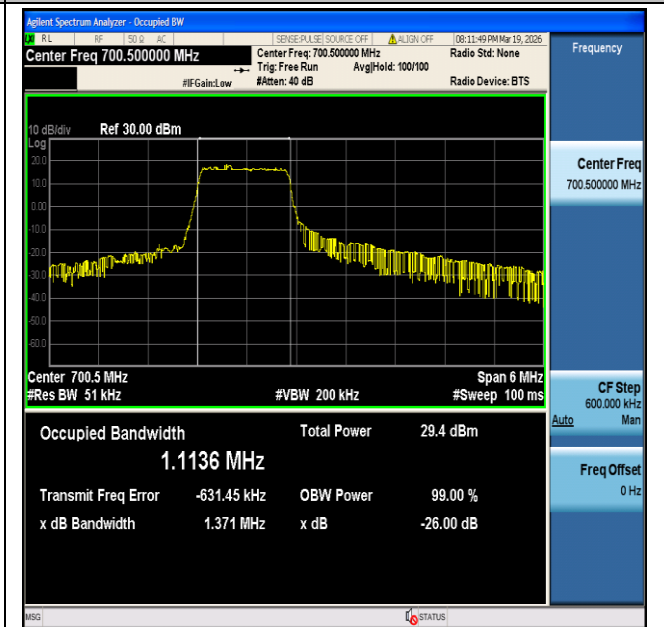
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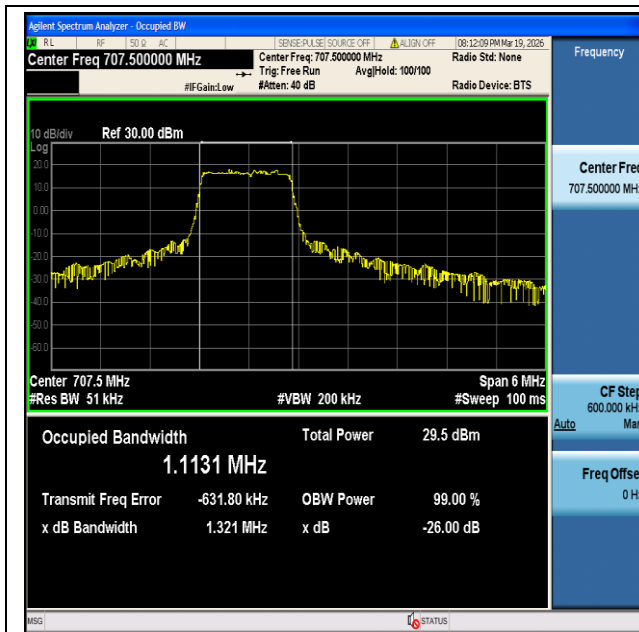
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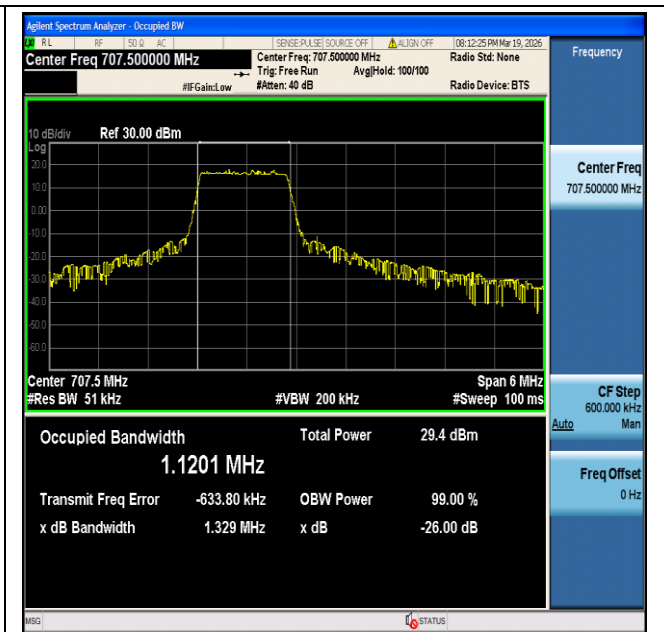
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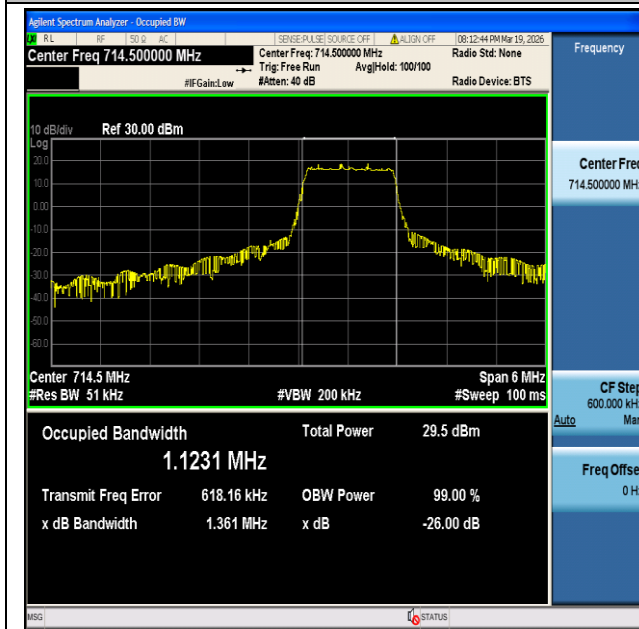
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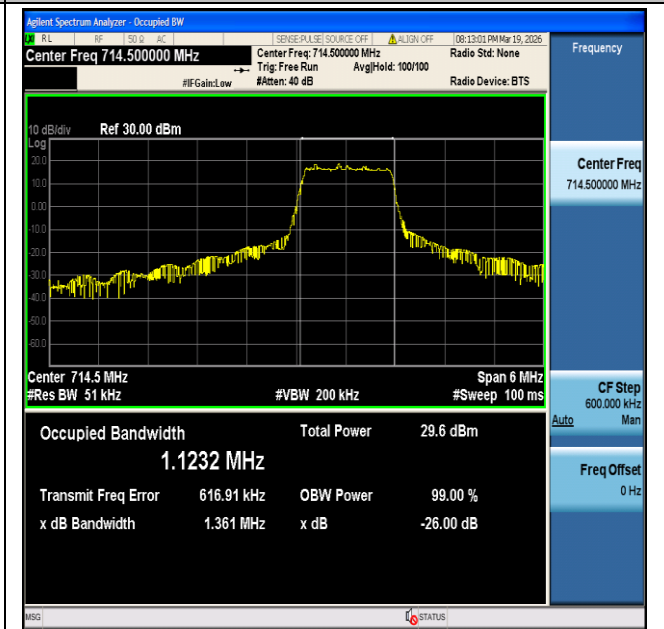
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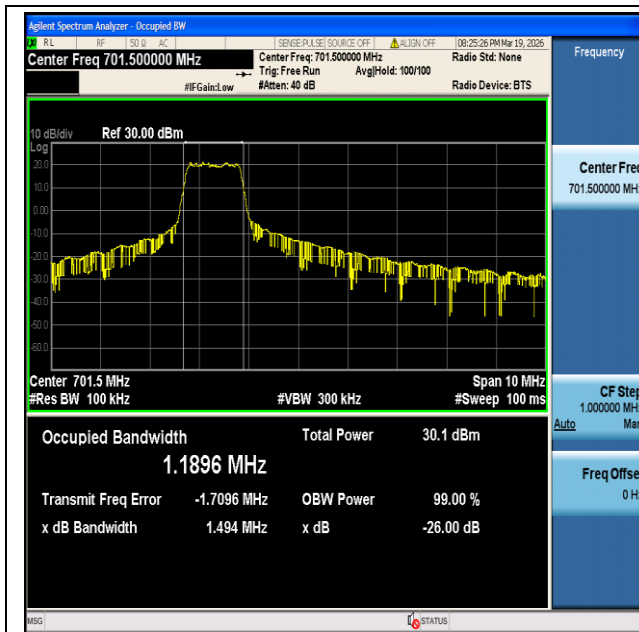
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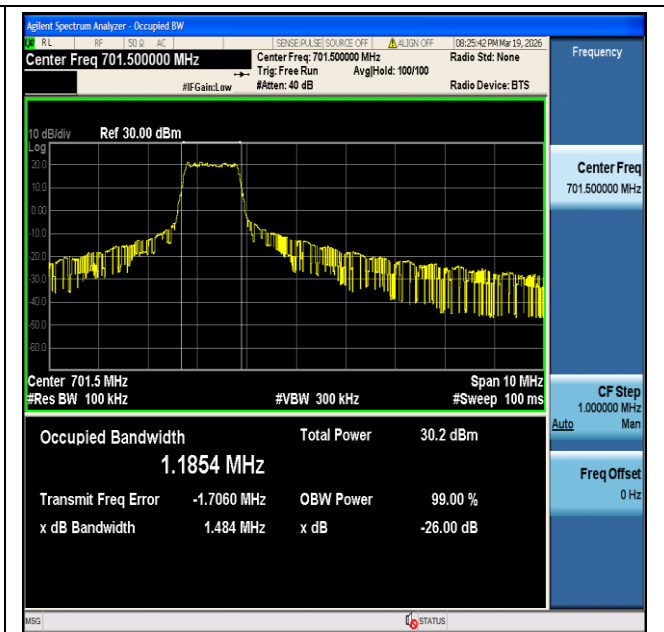
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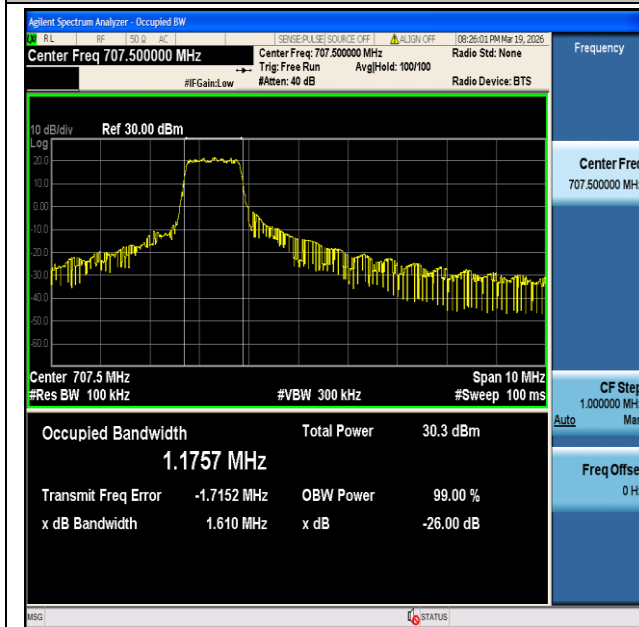
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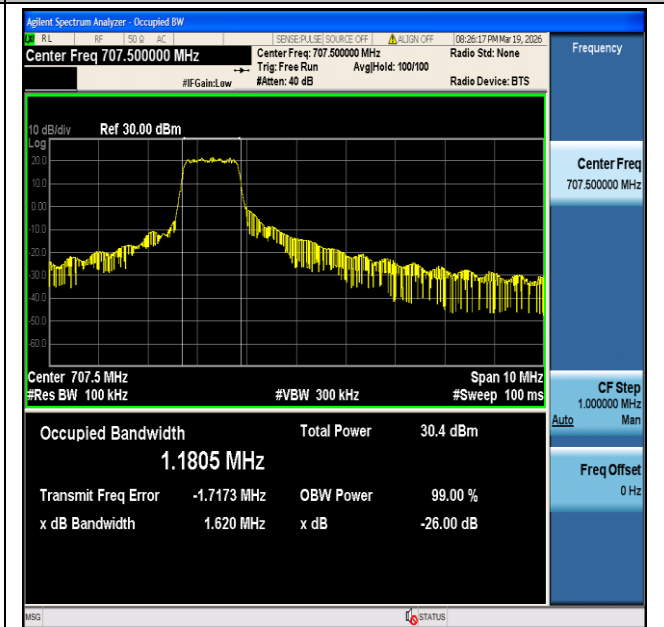
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CatM1 Band12-5MHz-16QAM-23095-6#0-PASS

