



Appendix K: Test Data for E-UTRA Band 71

Product Name: 4G PHONE

Test Model: MiniVision2

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



K.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	21.89	PASS
Band71	5MHz	QPSK	133147	1RB#12	21.57	PASS
Band71	5MHz	QPSK	133147	1RB#24	21.42	PASS
Band71	5MHz	QPSK	133147	12RB#0	20.58	PASS
Band71	5MHz	QPSK	133147	12RB#6	20.50	PASS
Band71	5MHz	QPSK	133147	12RB#13	20.45	PASS
Band71	5MHz	QPSK	133147	25RB#0	20.46	PASS
Band71	5MHz	QPSK	133297	1RB#0	21.78	PASS
Band71	5MHz	QPSK	133297	1RB#12	21.41	PASS
Band71	5MHz	QPSK	133297	1RB#24	21.27	PASS
Band71	5MHz	QPSK	133297	12RB#0	20.65	PASS
Band71	5MHz	QPSK	133297	12RB#6	20.44	PASS
Band71	5MHz	QPSK	133297	12RB#13	20.26	PASS
Band71	5MHz	QPSK	133297	25RB#0	20.50	PASS
Band71	5MHz	QPSK	133447	1RB#0	21.31	PASS
Band71	5MHz	QPSK	133447	1RB#12	21.51	PASS
Band71	5MHz	QPSK	133447	1RB#24	21.21	PASS
Band71	5MHz	QPSK	133447	12RB#0	20.31	PASS
Band71	5MHz	QPSK	133447	12RB#6	20.30	PASS
Band71	5MHz	QPSK	133447	12RB#13	20.57	PASS
Band71	5MHz	QPSK	133447	25RB#0	20.38	PASS
Band71	5MHz	16QAM	133147	1RB#0	20.51	PASS
Band71	5MHz	16QAM	133147	1RB#12	20.53	PASS
Band71	5MHz	16QAM	133147	1RB#24	20.37	PASS
Band71	5MHz	16QAM	133147	12RB#0	19.52	PASS
Band71	5MHz	16QAM	133147	12RB#6	19.81	PASS
Band71	5MHz	16QAM	133147	12RB#13	19.48	PASS
Band71	5MHz	16QAM	133147	25RB#0	19.52	PASS
Band71	5MHz	16QAM	133297	1RB#0	20.57	PASS
Band71	5MHz	16QAM	133297	1RB#12	20.36	PASS
Band71	5MHz	16QAM	133297	1RB#24	20.13	PASS
Band71	5MHz	16QAM	133297	12RB#0	19.63	PASS



Band71	5MHz	16QAM	133297	12RB#6	19.71	PASS
Band71	5MHz	16QAM	133297	12RB#13	19.35	PASS
Band71	5MHz	16QAM	133297	25RB#0	19.56	PASS
Band71	5MHz	16QAM	133447	1RB#0	20.07	PASS
Band71	5MHz	16QAM	133447	1RB#12	20.31	PASS
Band71	5MHz	16QAM	133447	1RB#24	20.10	PASS
Band71	5MHz	16QAM	133447	12RB#0	19.47	PASS
Band71	5MHz	16QAM	133447	12RB#6	19.74	PASS
Band71	5MHz	16QAM	133447	12RB#13	19.42	PASS
Band71	5MHz	16QAM	133447	25RB#0	19.45	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.13	PASS
Band71	10MHz	QPSK	133172	1RB#24	22.13	PASS
Band71	10MHz	QPSK	133172	1RB#49	21.94	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.17	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.16	PASS
Band71	10MHz	QPSK	133172	25RB#25	20.97	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.07	PASS
Band71	10MHz	QPSK	133297	1RB#0	21.90	PASS
Band71	10MHz	QPSK	133297	1RB#24	21.99	PASS
Band71	10MHz	QPSK	133297	1RB#49	21.55	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.05	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.07	PASS
Band71	10MHz	QPSK	133297	25RB#25	20.87	PASS
Band71	10MHz	QPSK	133297	50RB#0	20.95	PASS
Band71	10MHz	QPSK	133422	1RB#0	21.74	PASS
Band71	10MHz	QPSK	133422	1RB#24	21.69	PASS
Band71	10MHz	QPSK	133422	1RB#49	21.41	PASS
Band71	10MHz	QPSK	133422	25RB#0	20.52	PASS
Band71	10MHz	QPSK	133422	25RB#12	20.70	PASS
Band71	10MHz	QPSK	133422	25RB#25	20.71	PASS
Band71	10MHz	QPSK	133422	50RB#0	20.80	PASS
Band71	10MHz	16QAM	133172	1RB#0	20.73	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.02	PASS
Band71	10MHz	16QAM	133172	1RB#49	20.86	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.22	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.20	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.10	PASS



Band71	10MHz	16QAM	133172	50RB#0	19.88	PASS
Band71	10MHz	16QAM	133297	1RB#0	20.54	PASS
Band71	10MHz	16QAM	133297	1RB#24	20.80	PASS
Band71	10MHz	16QAM	133297	1RB#49	20.24	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.19	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.17	PASS
Band71	10MHz	16QAM	133297	25RB#25	19.86	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.05	PASS
Band71	10MHz	16QAM	133422	1RB#0	20.40	PASS
Band71	10MHz	16QAM	133422	1RB#24	20.45	PASS
Band71	10MHz	16QAM	133422	1RB#49	20.12	PASS
Band71	10MHz	16QAM	133422	25RB#0	19.85	PASS
Band71	10MHz	16QAM	133422	25RB#12	19.63	PASS
Band71	10MHz	16QAM	133422	25RB#25	19.88	PASS
Band71	10MHz	16QAM	133422	50RB#0	19.84	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.15	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.01	PASS
Band71	15MHz	QPSK	133197	1RB#74	21.78	PASS
Band71	15MHz	QPSK	133197	38RB#0	20.64	PASS
Band71	15MHz	QPSK	133197	38RB#18	20.96	PASS
Band71	15MHz	QPSK	133197	38RB#37	20.73	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.19	PASS
Band71	15MHz	QPSK	133297	1RB#0	21.79	PASS
Band71	15MHz	QPSK	133297	1RB#38	21.83	PASS
Band71	15MHz	QPSK	133297	1RB#74	21.32	PASS
Band71	15MHz	QPSK	133297	38RB#0	20.79	PASS
Band71	15MHz	QPSK	133297	38RB#18	20.94	PASS
Band71	15MHz	QPSK	133297	38RB#37	20.38	PASS
Band71	15MHz	QPSK	133297	75RB#0	20.97	PASS
Band71	15MHz	QPSK	133397	1RB#0	21.84	PASS
Band71	15MHz	QPSK	133397	1RB#38	21.47	PASS
Band71	15MHz	QPSK	133397	1RB#74	21.62	PASS
Band71	15MHz	QPSK	133397	38RB#0	19.94	PASS
Band71	15MHz	QPSK	133397	38RB#18	20.09	PASS
Band71	15MHz	QPSK	133397	38RB#37	20.03	PASS
Band71	15MHz	QPSK	133397	75RB#0	20.85	PASS
Band71	15MHz	16QAM	133197	1RB#0	20.68	PASS



Band71	15MHz	16QAM	133197	1RB#38	20.97	PASS
Band71	15MHz	16QAM	133197	1RB#74	20.75	PASS
Band71	15MHz	16QAM	133197	38RB#0	20.65	PASS
Band71	15MHz	16QAM	133197	38RB#18	20.95	PASS
Band71	15MHz	16QAM	133197	38RB#37	20.72	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.16	PASS
Band71	15MHz	16QAM	133297	1RB#0	20.82	PASS
Band71	15MHz	16QAM	133297	1RB#38	20.97	PASS
Band71	15MHz	16QAM	133297	1RB#74	20.34	PASS
Band71	15MHz	16QAM	133297	38RB#0	20.80	PASS
Band71	15MHz	16QAM	133297	38RB#18	20.95	PASS
Band71	15MHz	16QAM	133297	38RB#37	20.41	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.00	PASS
Band71	15MHz	16QAM	133397	1RB#0	20.33	PASS
Band71	15MHz	16QAM	133397	1RB#38	20.08	PASS
Band71	15MHz	16QAM	133397	1RB#74	20.00	PASS
Band71	15MHz	16QAM	133397	38RB#0	19.96	PASS
Band71	15MHz	16QAM	133397	38RB#18	20.09	PASS
Band71	15MHz	16QAM	133397	38RB#37	20.22	PASS
Band71	15MHz	16QAM	133397	75RB#0	19.89	PASS
Band71	20MHz	QPSK	133222	1RB#0	21.80	PASS
Band71	20MHz	QPSK	133222	1RB#49	22.13	PASS
Band71	20MHz	QPSK	133222	1RB#99	21.69	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.09	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.06	PASS
Band71	20MHz	QPSK	133222	50RB#50	20.81	PASS
Band71	20MHz	QPSK	133222	100RB#0	20.85	PASS
Band71	20MHz	QPSK	133297	1RB#0	21.67	PASS
Band71	20MHz	QPSK	133297	1RB#49	21.92	PASS
Band71	20MHz	QPSK	133297	1RB#99	21.68	PASS
Band71	20MHz	QPSK	133297	50RB#0	20.76	PASS
Band71	20MHz	QPSK	133297	50RB#25	20.81	PASS
Band71	20MHz	QPSK	133297	50RB#50	20.86	PASS
Band71	20MHz	QPSK	133297	100RB#0	20.82	PASS
Band71	20MHz	QPSK	133372	1RB#0	21.58	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.02	PASS
Band71	20MHz	QPSK	133372	1RB#99	21.63	PASS



Band71	20MHz	QPSK	133372	50RB#0	21.13	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.10	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.07	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.07	PASS
Band71	20MHz	16QAM	133222	1RB#0	20.56	PASS
Band71	20MHz	16QAM	133222	1RB#49	21.12	PASS
Band71	20MHz	16QAM	133222	1RB#99	20.79	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.11	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.13	PASS
Band71	20MHz	16QAM	133222	50RB#50	19.85	PASS
Band71	20MHz	16QAM	133222	100RB#0	19.92	PASS
Band71	20MHz	16QAM	133297	1RB#0	20.42	PASS
Band71	20MHz	16QAM	133297	1RB#49	20.72	PASS
Band71	20MHz	16QAM	133297	1RB#99	20.44	PASS
Band71	20MHz	16QAM	133297	50RB#0	19.95	PASS
Band71	20MHz	16QAM	133297	50RB#25	19.90	PASS
Band71	20MHz	16QAM	133297	50RB#50	19.95	PASS
Band71	20MHz	16QAM	133297	100RB#0	19.94	PASS
Band71	20MHz	16QAM	133372	1RB#0	20.45	PASS
Band71	20MHz	16QAM	133372	1RB#49	20.93	PASS
Band71	20MHz	16QAM	133372	1RB#99	20.47	PASS
Band71	20MHz	16QAM	133372	50RB#0	20.17	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.18	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.08	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.11	PASS



K.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	1.59	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.49	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	3.62	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.09	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.13	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.77	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	2.98	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	5.31	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	4.45	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	5.86	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	4.91	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	5.55	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	1.94	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	4.76	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	3.18	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	4.99	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.66	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	4.91	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	3.08	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	5.64	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	4.18	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	5.78	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.68	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	5.72	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	2.49	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.34	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	3.37	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.23	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.10	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.47	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	3.55	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	5.97	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	4.41	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	5.86	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	6.24	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.09	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	2.84	13	PASS

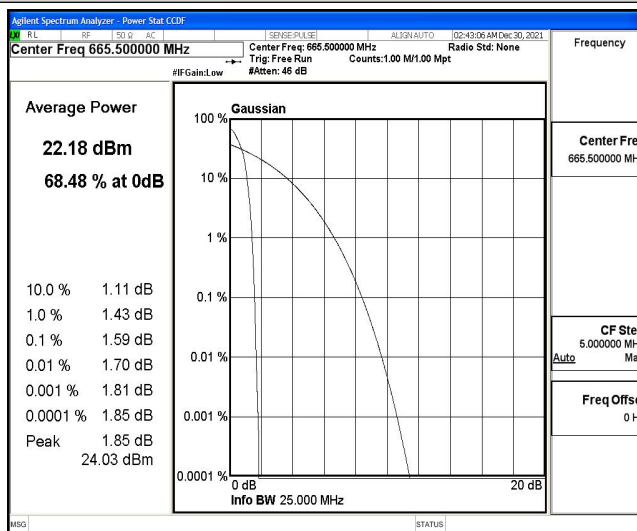


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Band71	20MHz	QPSK	133297	1RB#0	4.35	13	PASS
Band71	20MHz	QPSK	133297	100RB#0	5.21	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.36	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.50	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	3.83	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	5.98	13	PASS
Band71	20MHz	16QAM	133297	1RB#0	5.20	13	PASS
Band71	20MHz	16QAM	133297	100RB#0	5.96	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.26	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.15	13	PASS

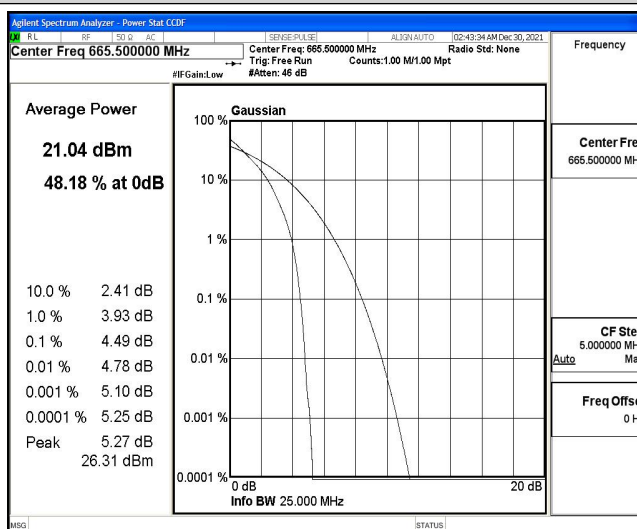


Test Graphs

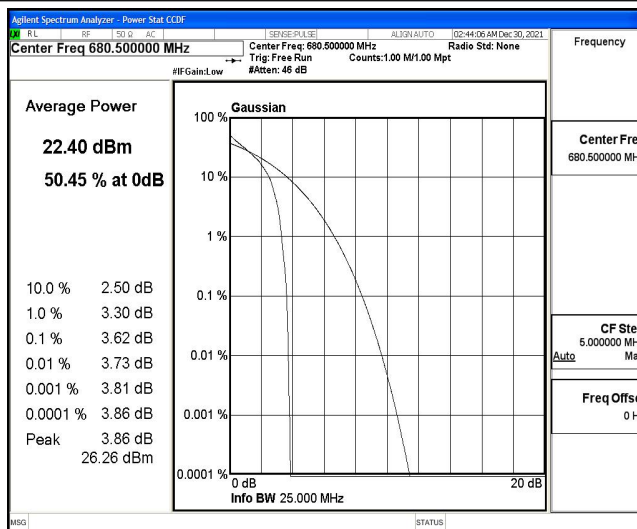
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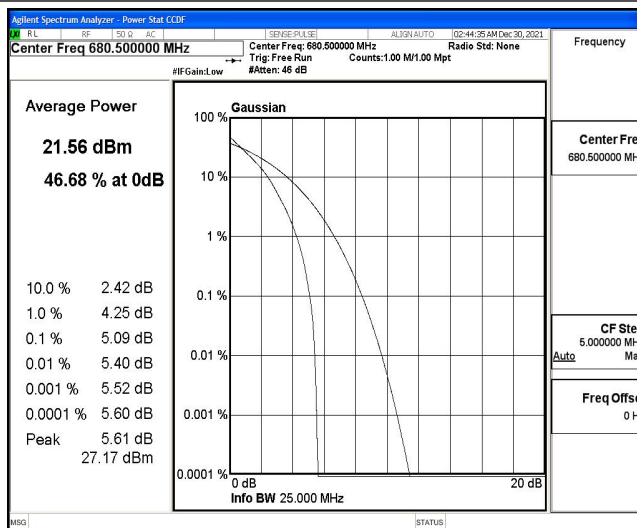
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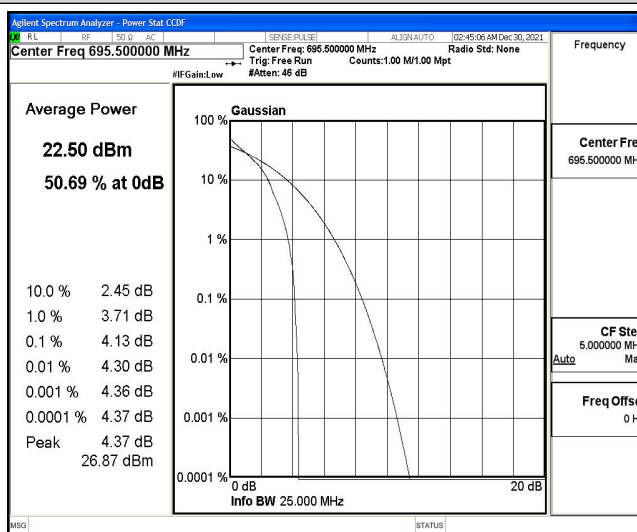
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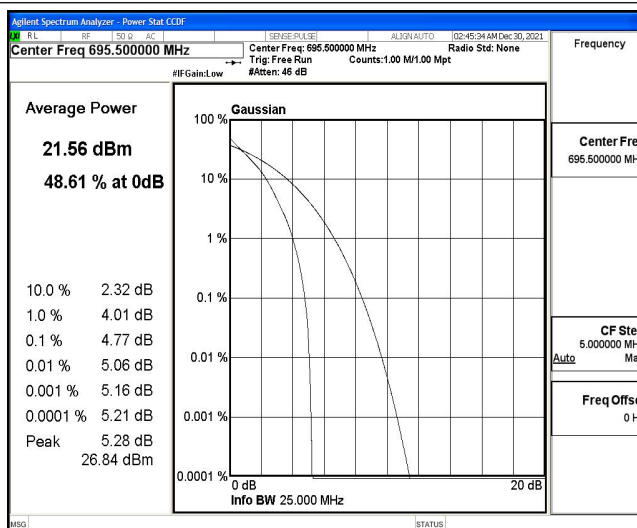
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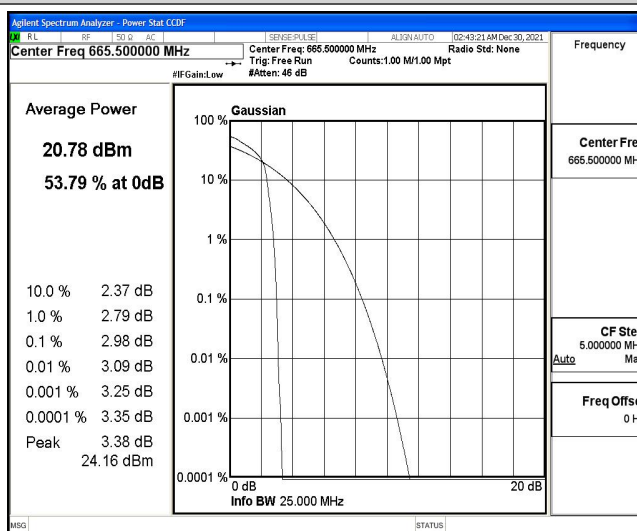
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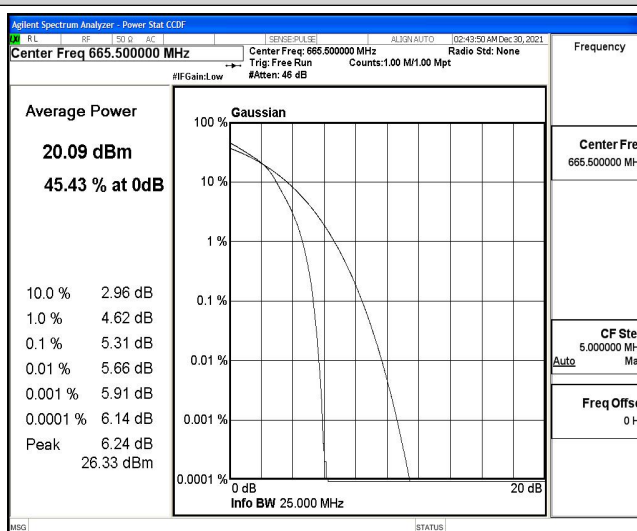
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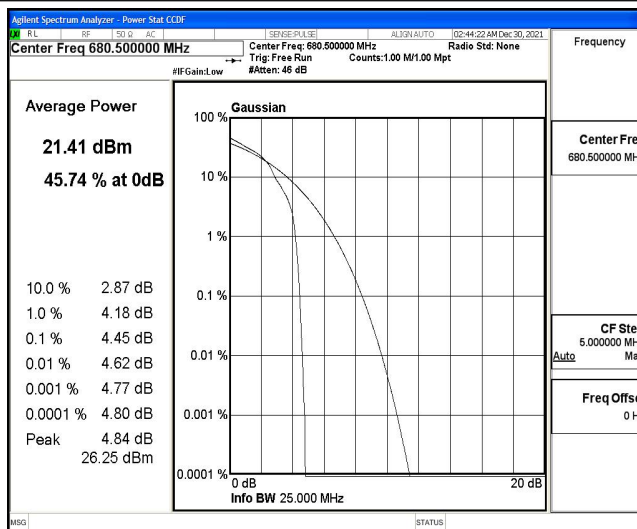
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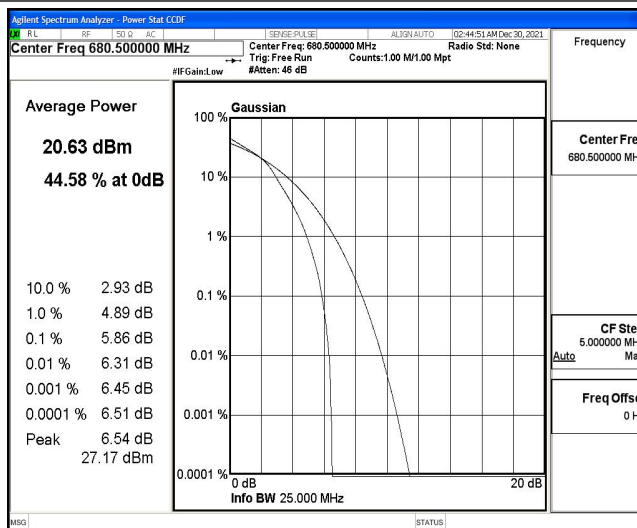
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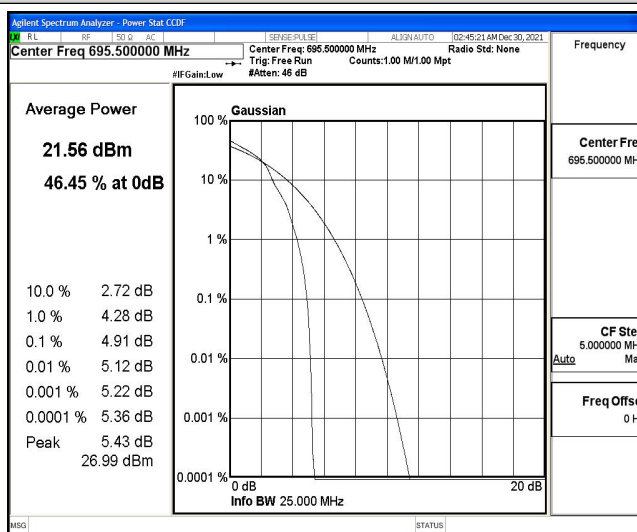
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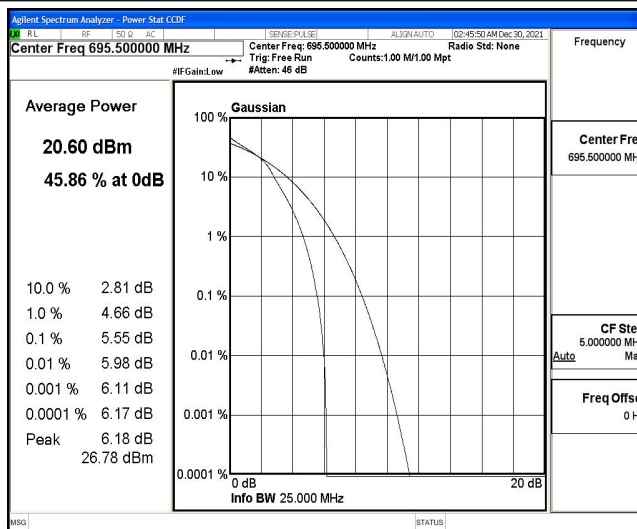
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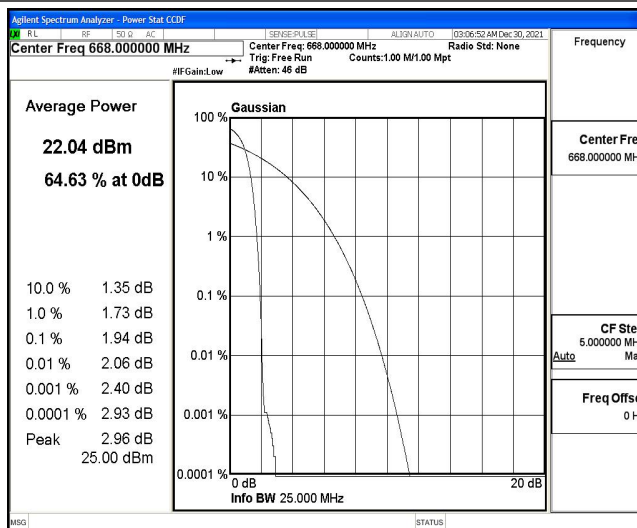
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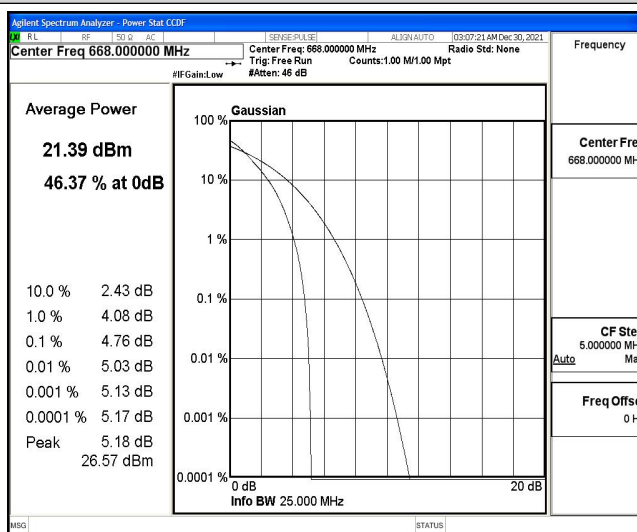
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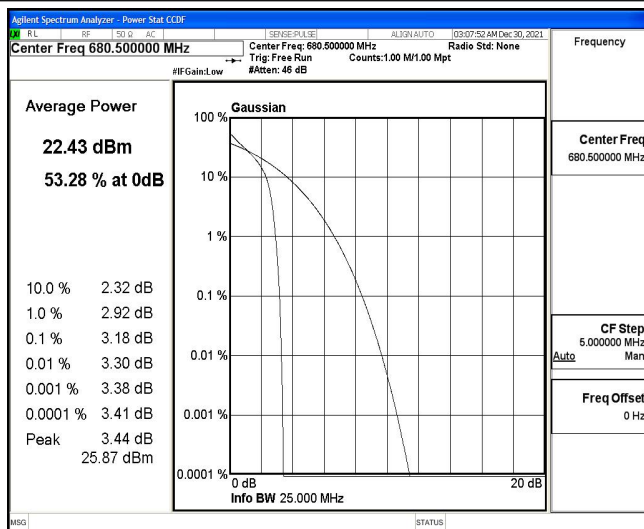
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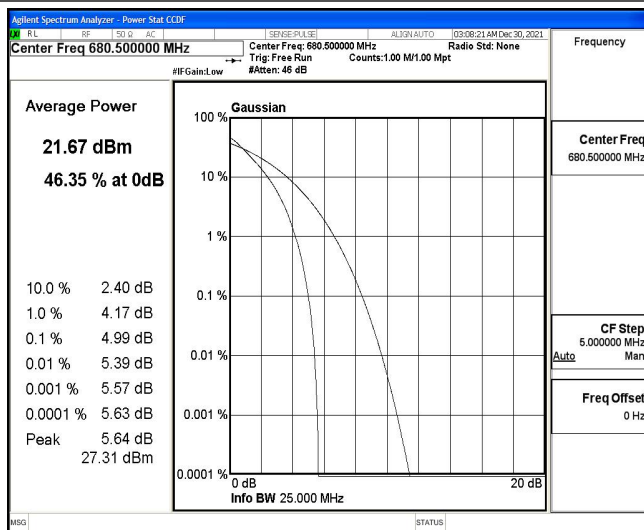
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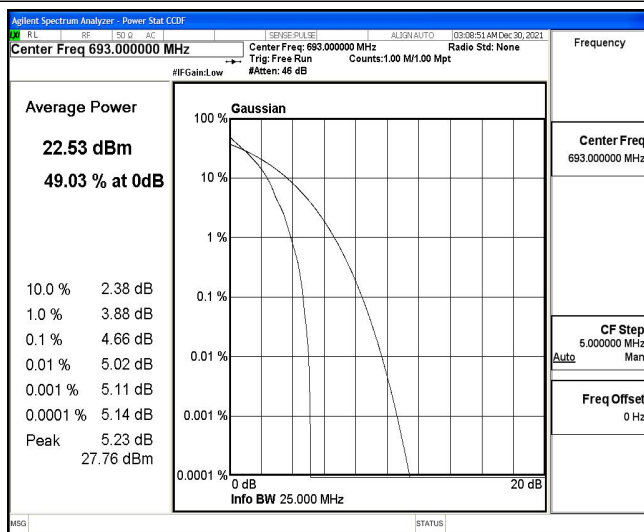
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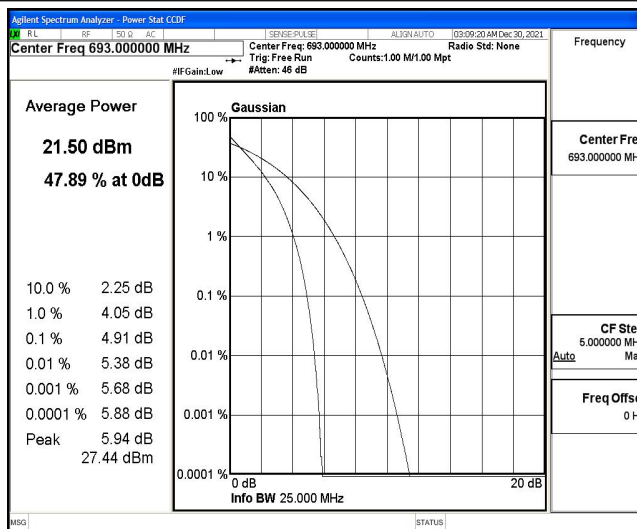
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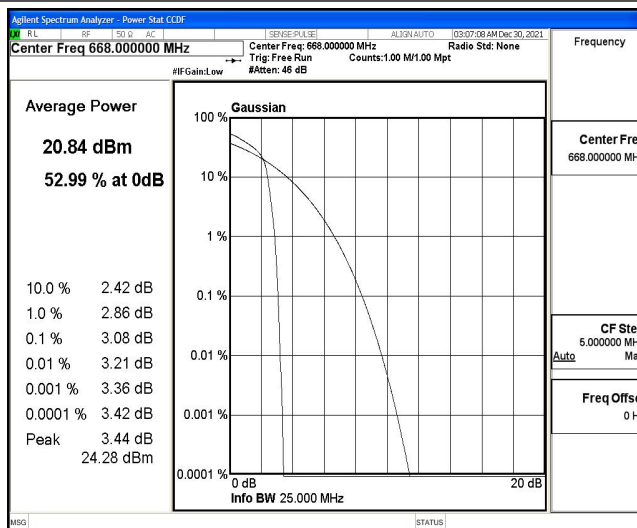
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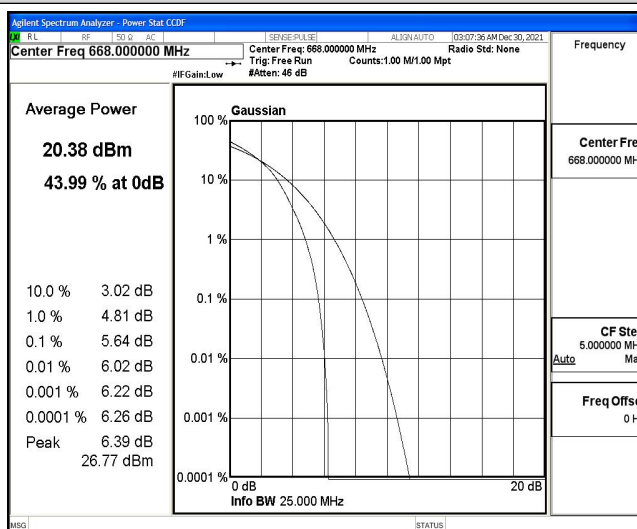
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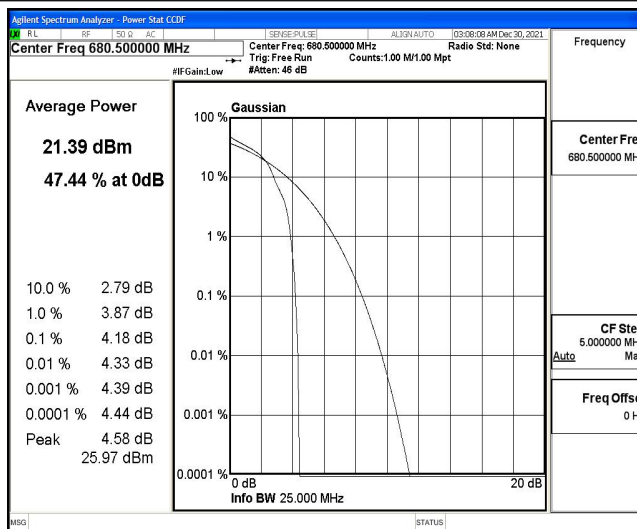
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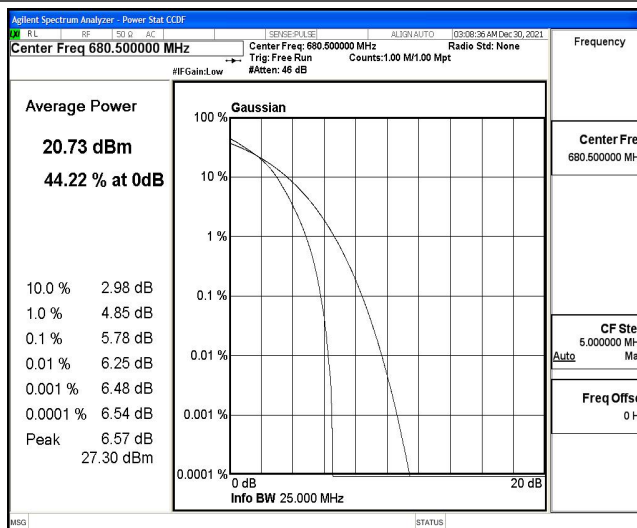
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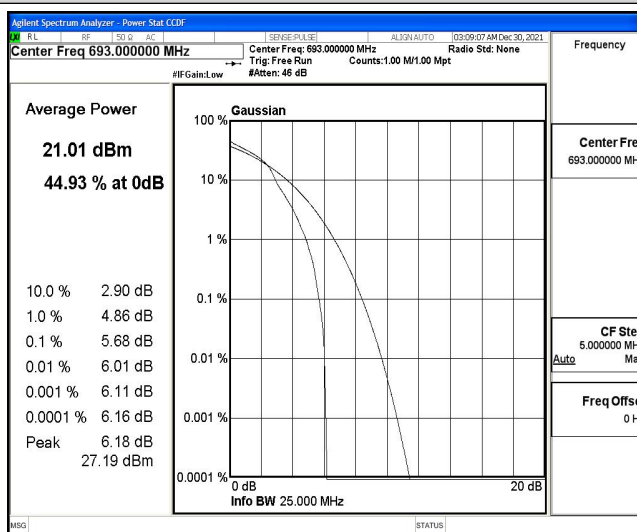
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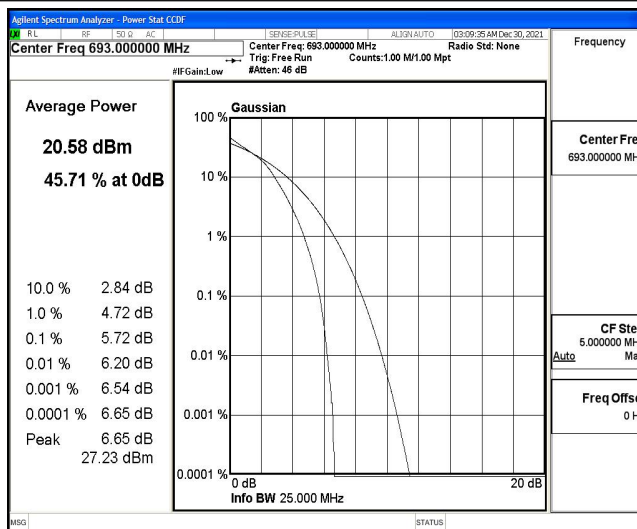
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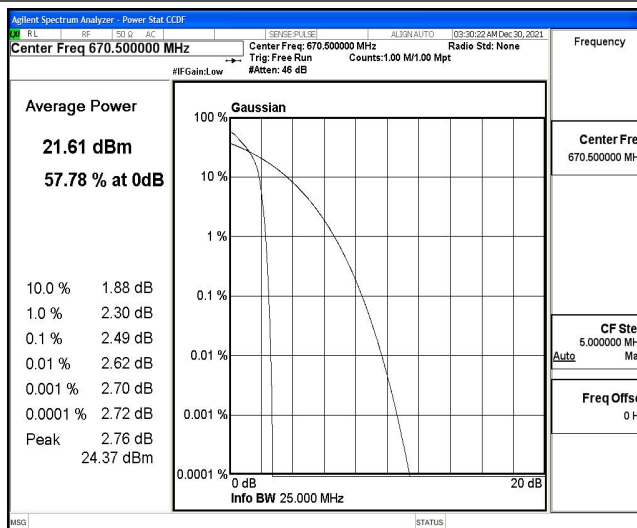
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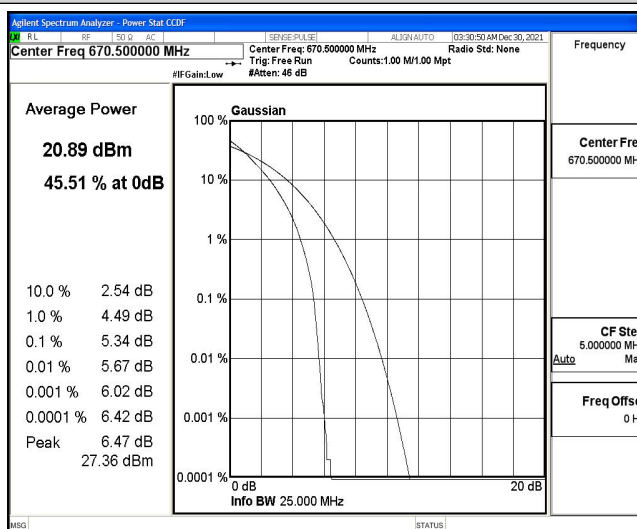
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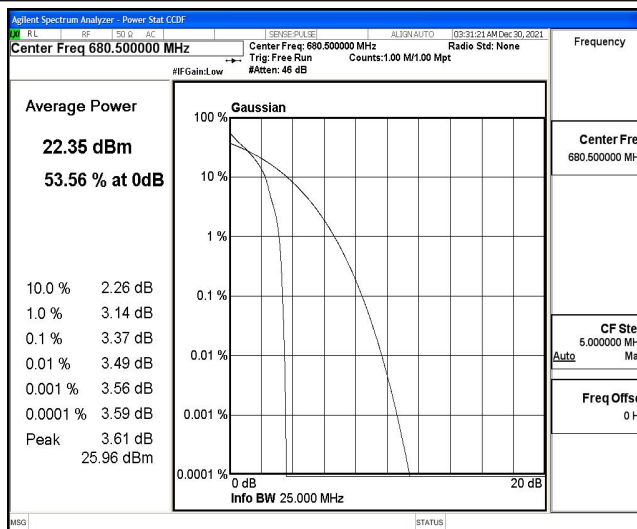
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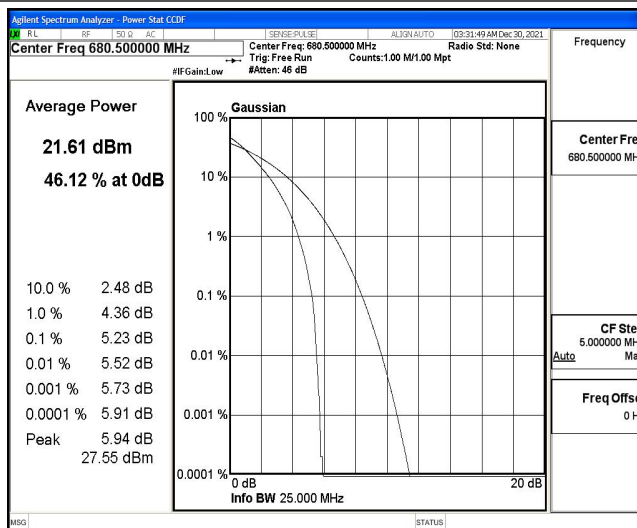
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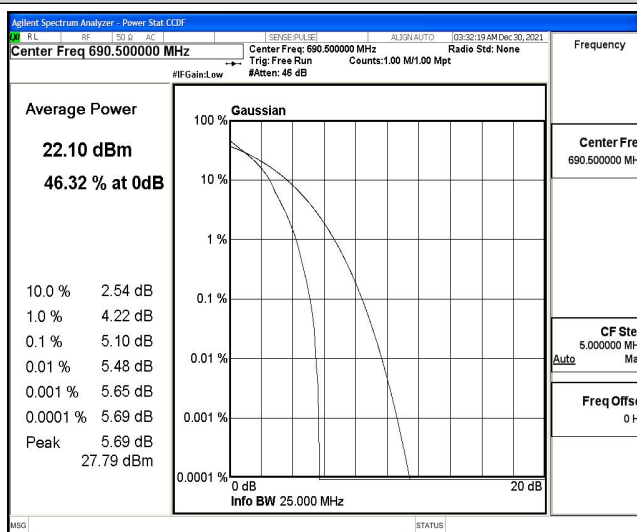
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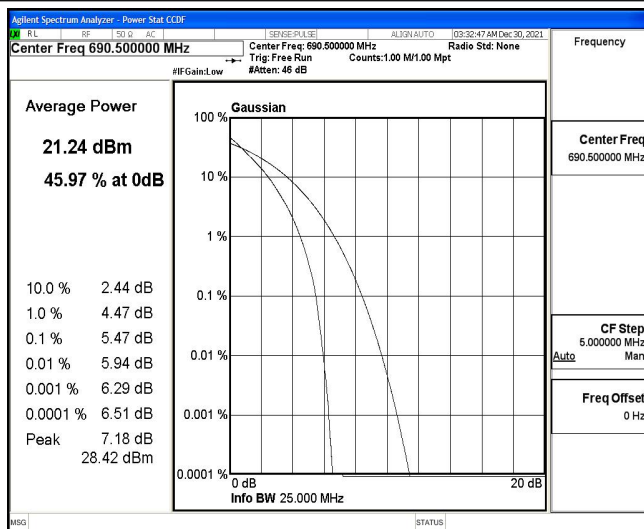
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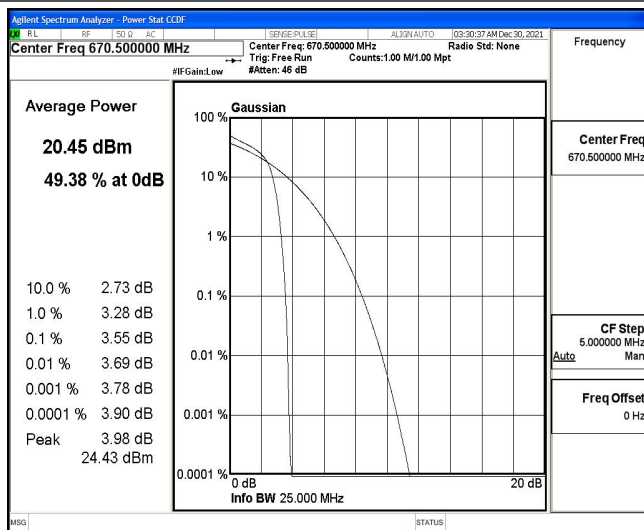
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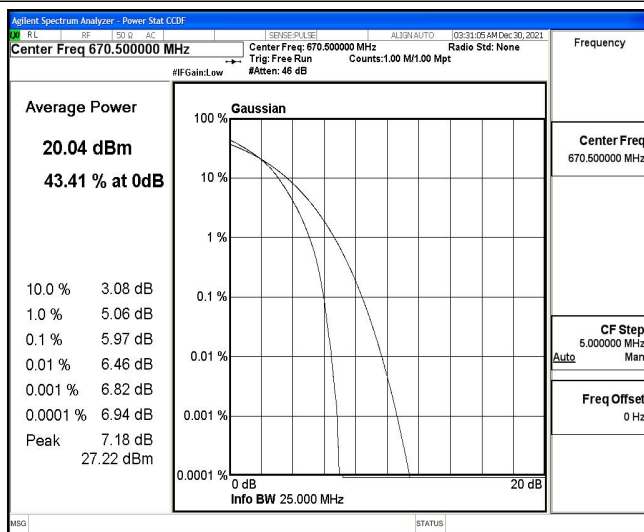
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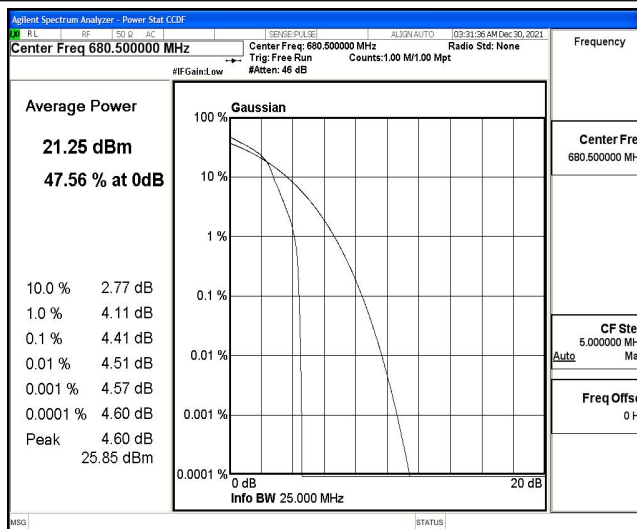
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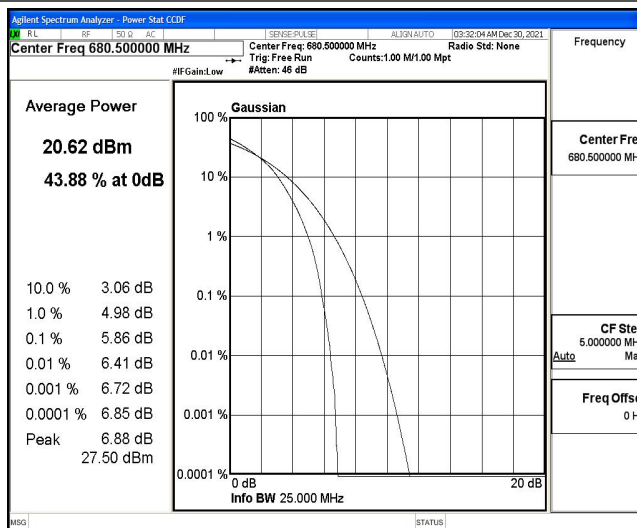
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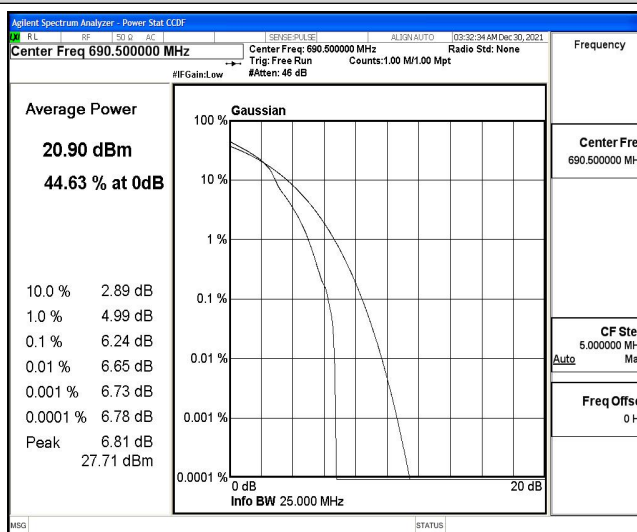
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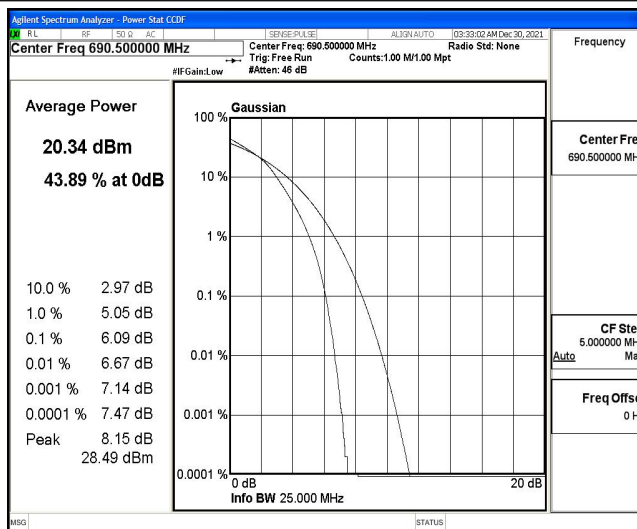
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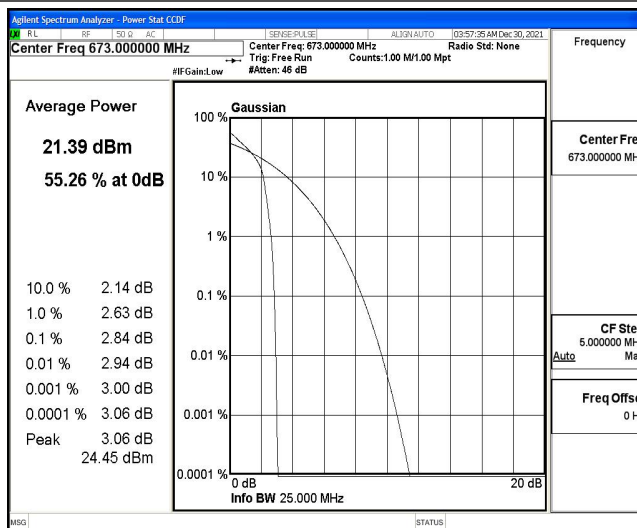
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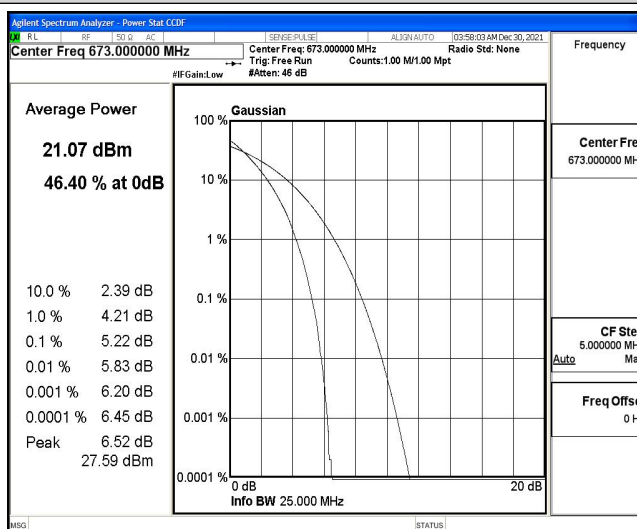
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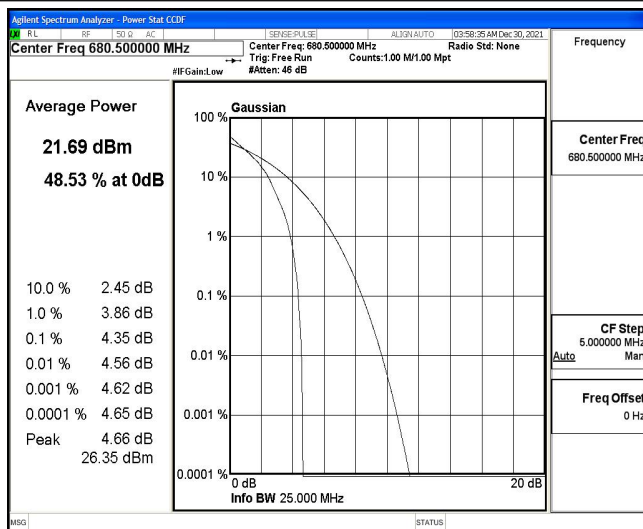
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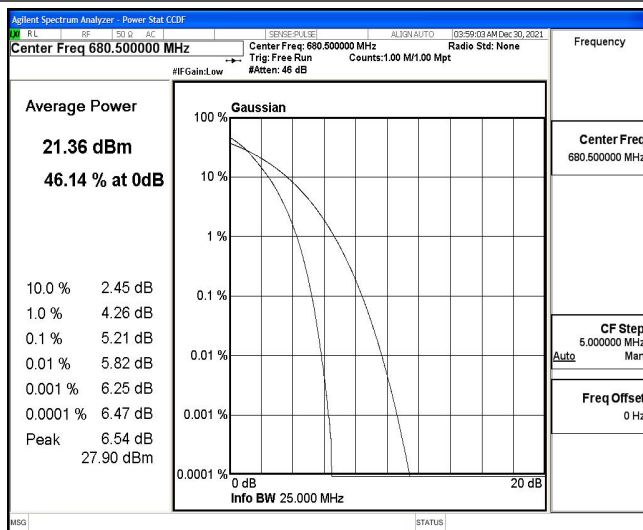
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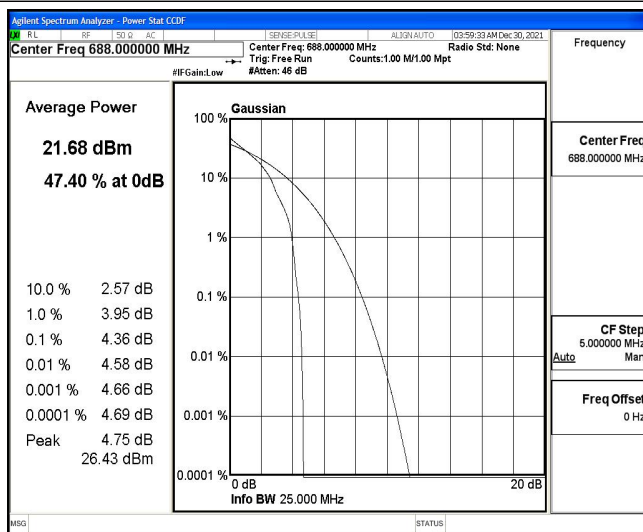
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Band71-20MHz-QPSK-133372-1RB#0



Band71-20MHz-QPSK-133372-100RB#0