



Appendix L Test Data for E-UTRA Band 41

Product Name: OVMS

Test Model: OVMS-33-7600G

Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



L.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.58	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.75	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.76	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.81	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.88	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.90	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.91	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.60	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.66	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.61	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.81	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.80	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.79	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.82	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.16	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.14	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.17	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.10	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.17	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.13	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.18	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.16	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.45	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.61	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.70	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.77	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.80	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.83	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.60	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.77	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.38	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.74	PASS



Band41	5MHz	16QAM	40620	12RB#6	19.72	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.79	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.85	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.79	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.78	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.73	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.12	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.09	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.16	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.24	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.55	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.80	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.79	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.86	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.85	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.91	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.82	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.49	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.77	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.57	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.88	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.87	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.85	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.91	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.05	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.24	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.11	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.27	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.27	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.26	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.27	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.58	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.69	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.72	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.74	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.84	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.80	PASS



Band41	10MHz	16QAM	39700	50RB#0	19.93	PASS
Band41	10MHz	16QAM	40620	1RB#0	20.64	PASS
Band41	10MHz	16QAM	40620	1RB#24	20.93	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.63	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.75	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.64	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.65	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.92	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.01	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.92	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.11	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.28	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.28	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.15	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.29	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.50	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.65	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.80	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.48	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.19	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.30	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.80	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.44	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.55	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.47	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.00	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.12	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.06	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.75	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.04	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.17	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.15	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.00	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.08	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.23	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.23	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.45	PASS



Band41	15MHz	16QAM	39725	1RB#38	21.16	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.57	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.89	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.98	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.20	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.77	PASS
Band41	15MHz	16QAM	40620	1RB#0	20.52	PASS
Band41	15MHz	16QAM	40620	1RB#38	20.60	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.02	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.04	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.10	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.74	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.76	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.50	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.49	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.98	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.97	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.12	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.47	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.20	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.56	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.84	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.39	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.85	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.82	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.78	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.83	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.52	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.07	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.49	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.78	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.73	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.81	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.75	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.07	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.39	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.81	PASS



Band41	20MHz	QPSK	41490	50RB#0	21.24	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.24	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.24	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.27	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.82	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.65	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.85	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.92	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.82	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.84	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.77	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.01	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.38	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.38	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.84	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.84	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.79	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.79	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.83	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.20	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.48	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.39	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.35	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.26	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.21	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.89	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.16	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	4.52	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.09	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.04	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.17	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.74	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	5.98	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.27	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.07	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	6.02	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.97	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.09	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.09	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.05	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.06	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.46	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.08	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	6.31	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.95	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.21	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	5.93	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	6.28	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.95	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	5.20	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.29	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.02	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.27	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.98	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.25	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.28	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.02	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	5.85	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.98	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.83	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.01	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.59	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.11	13	PASS

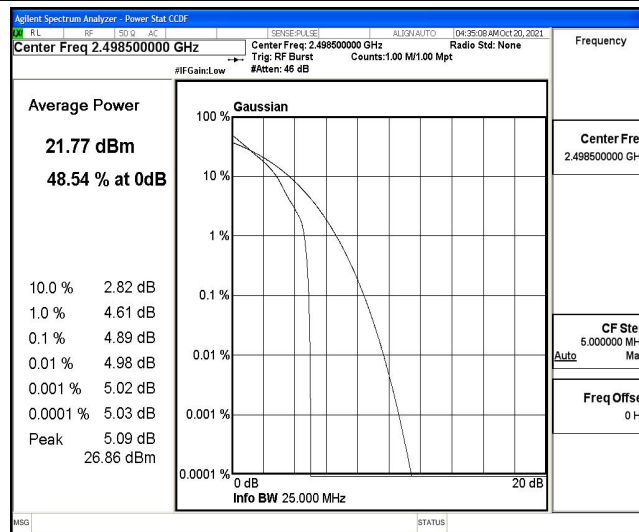


Band41	20MHz	QPSK	40620	1RB#0	4.91	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.08	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	4.73	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.11	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	6.10	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.95	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.58	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.14	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.99	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	7.75	13	PASS

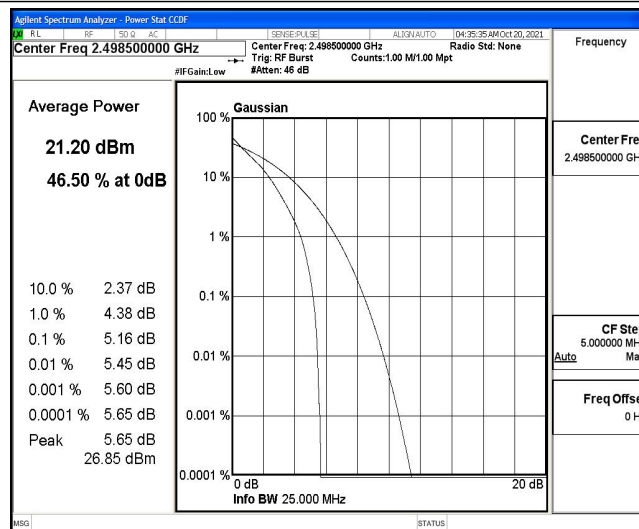


Test Graphs

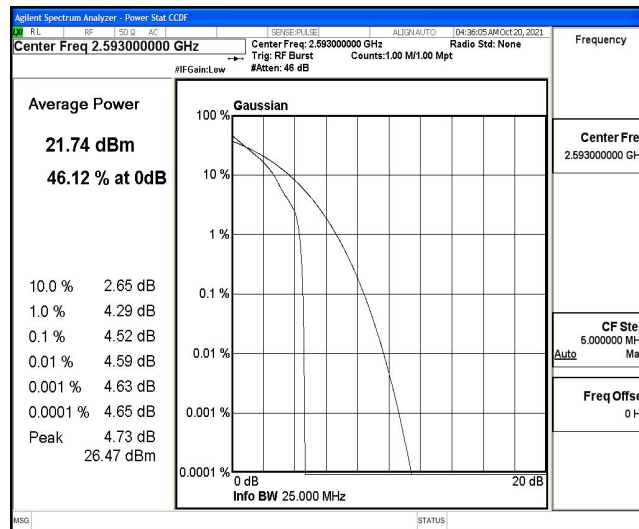
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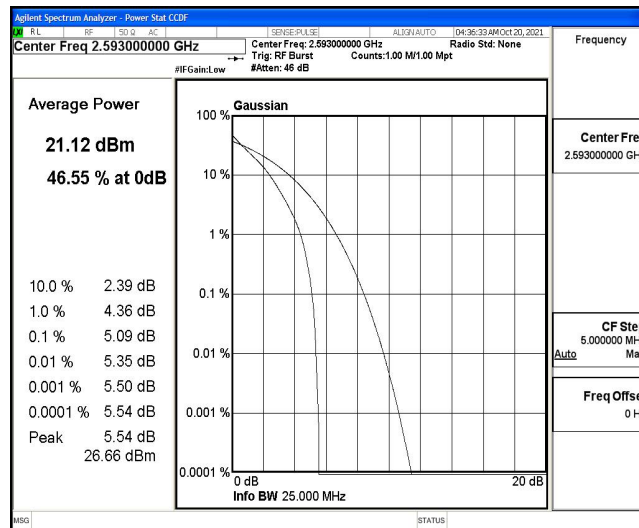
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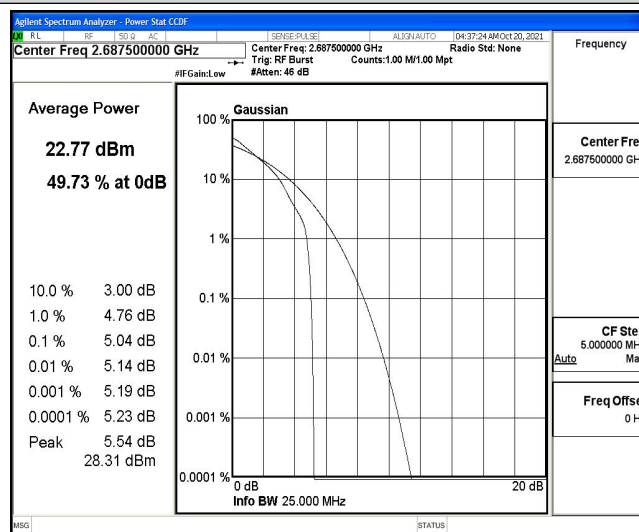
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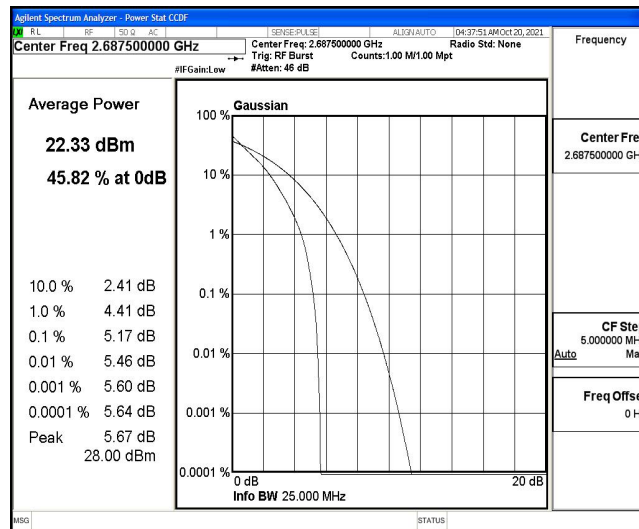
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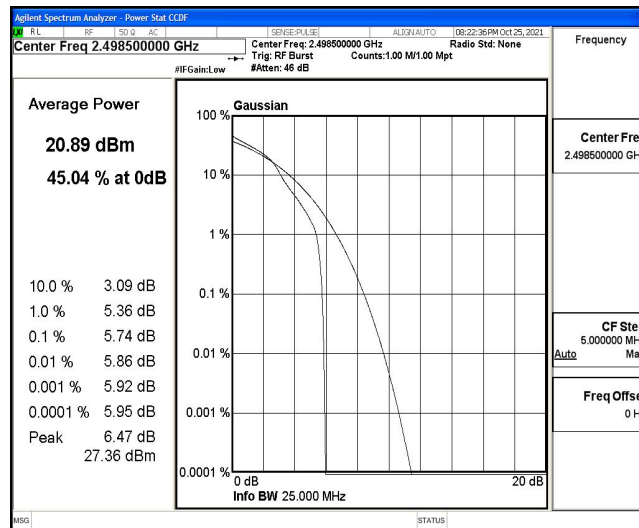
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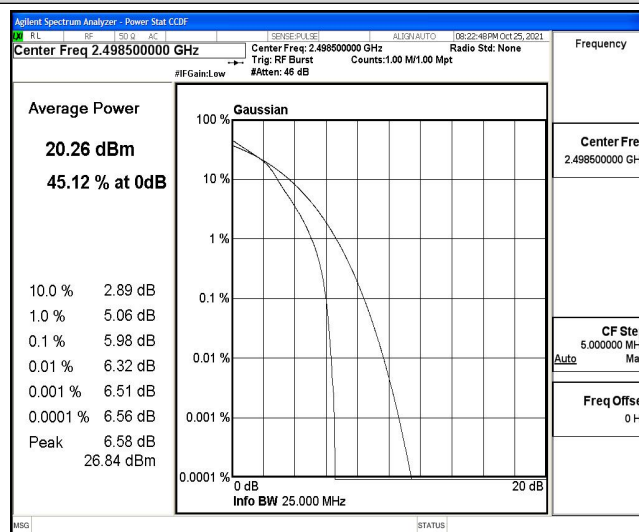
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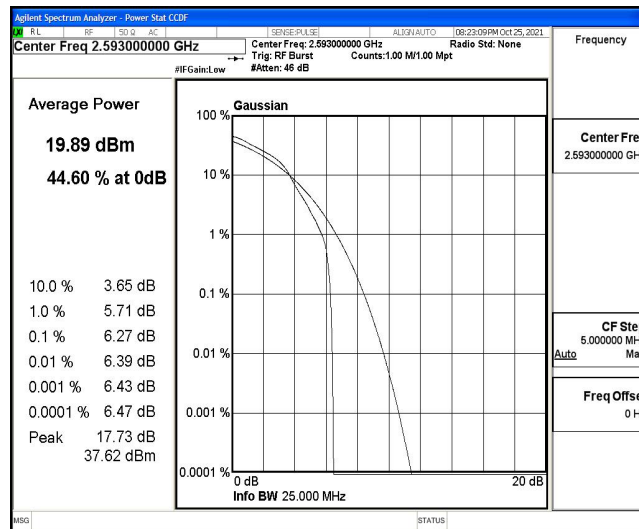
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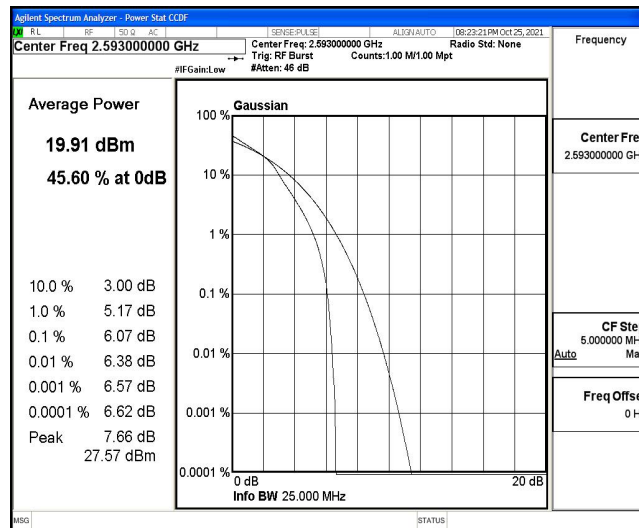
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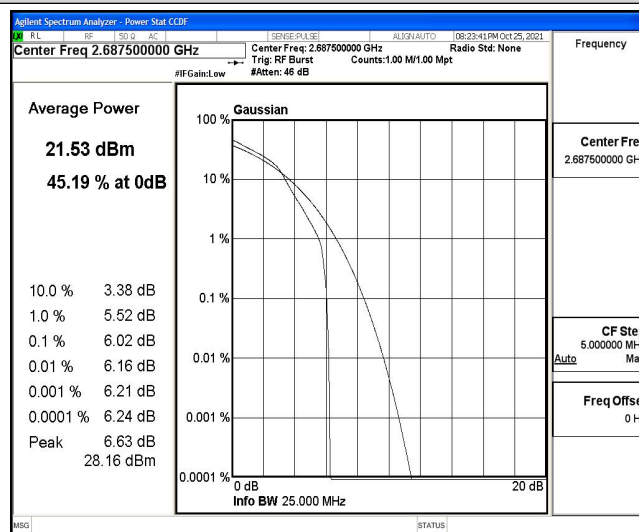
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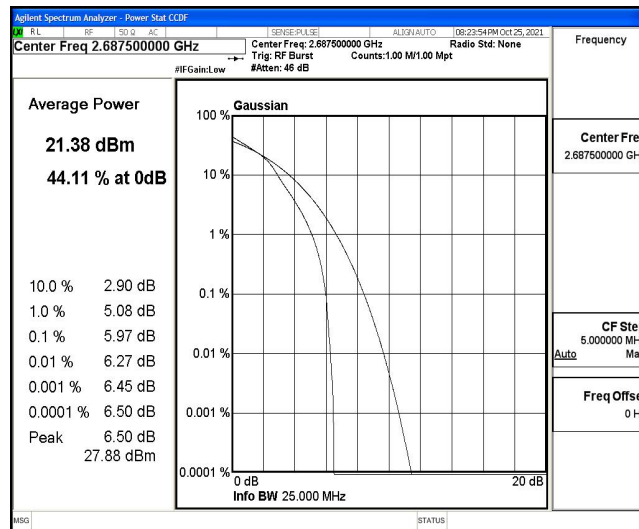
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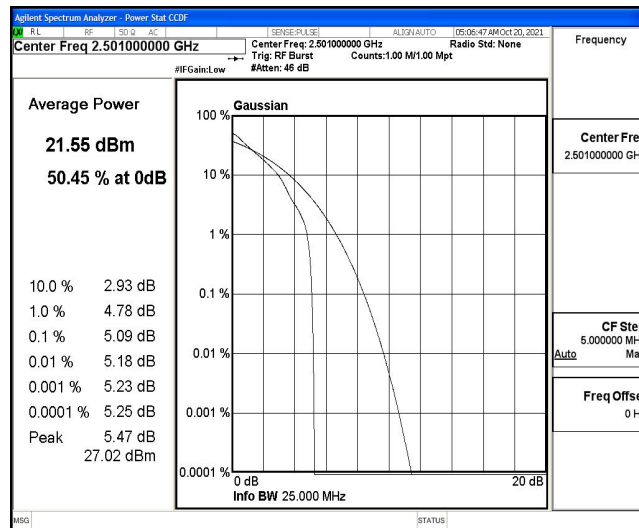
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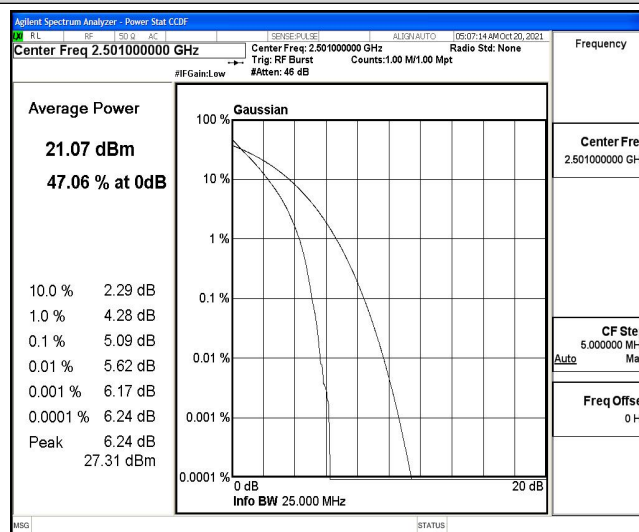
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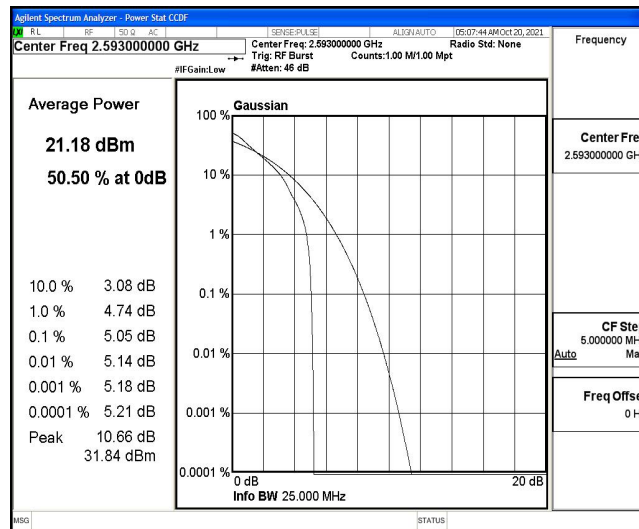
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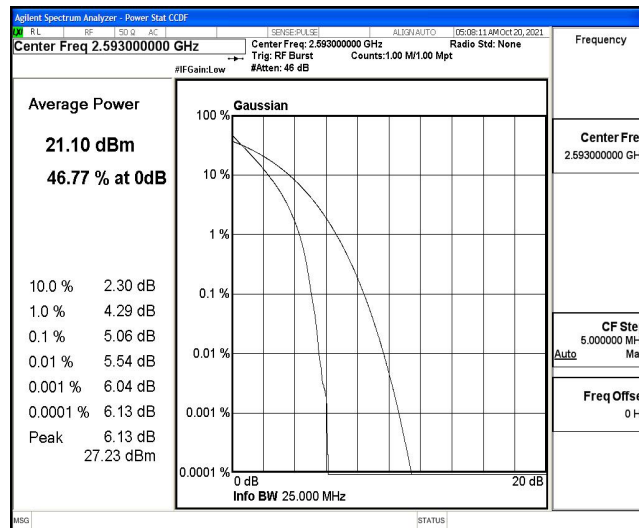
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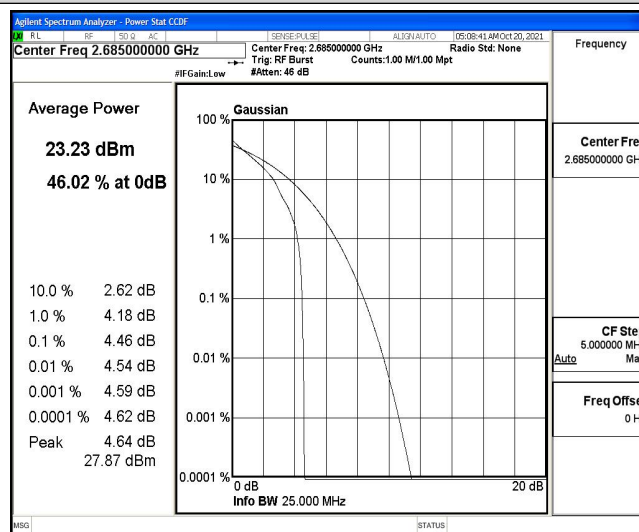
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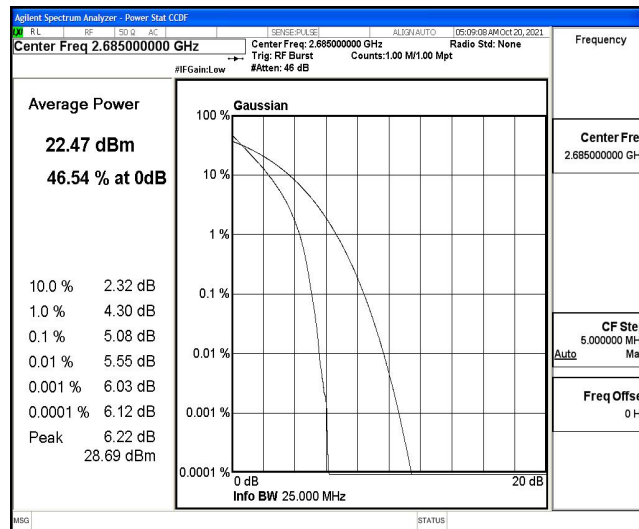
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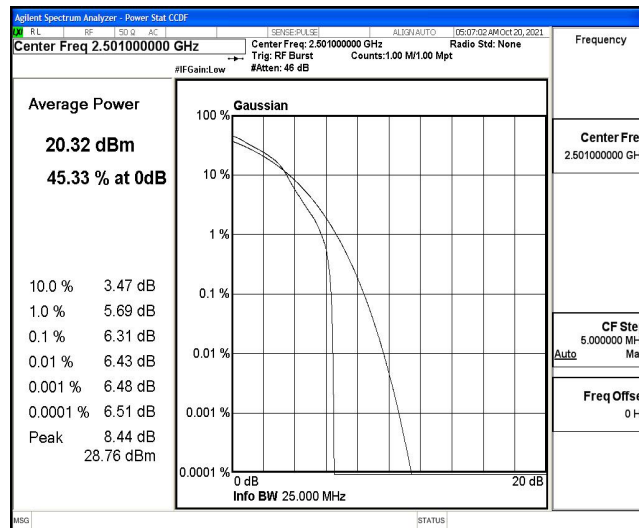
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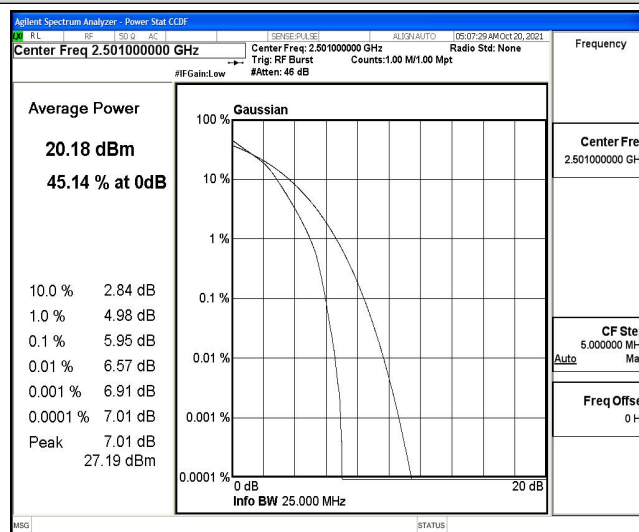
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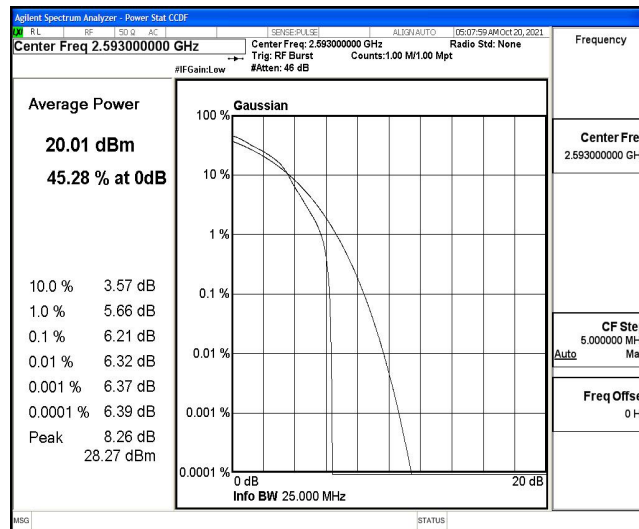
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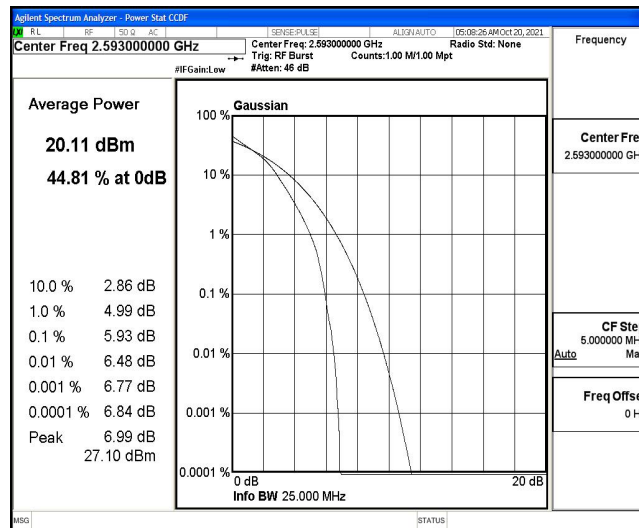
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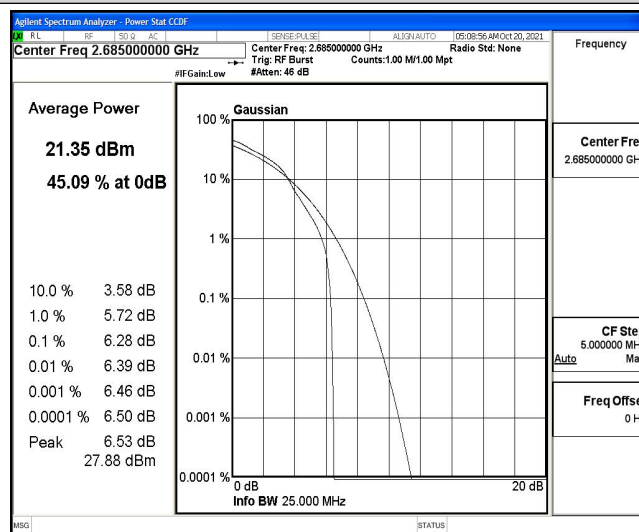
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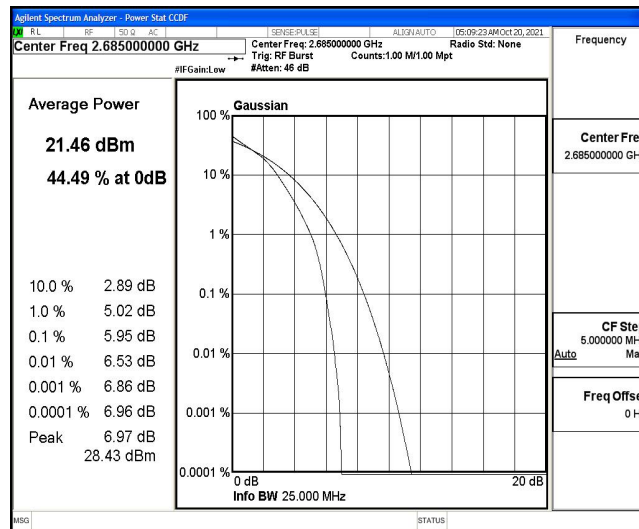
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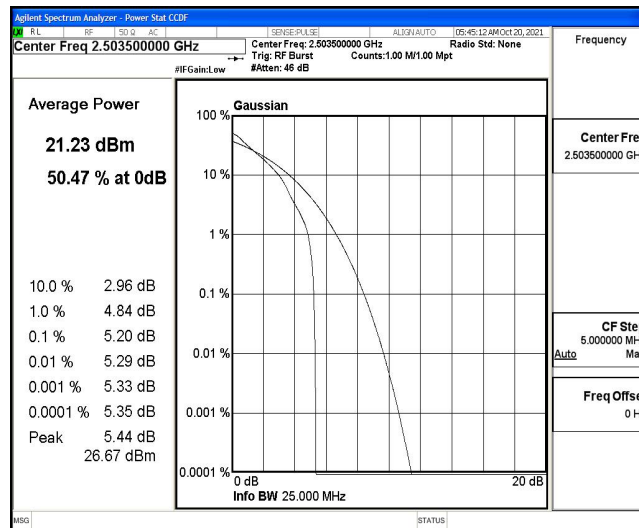
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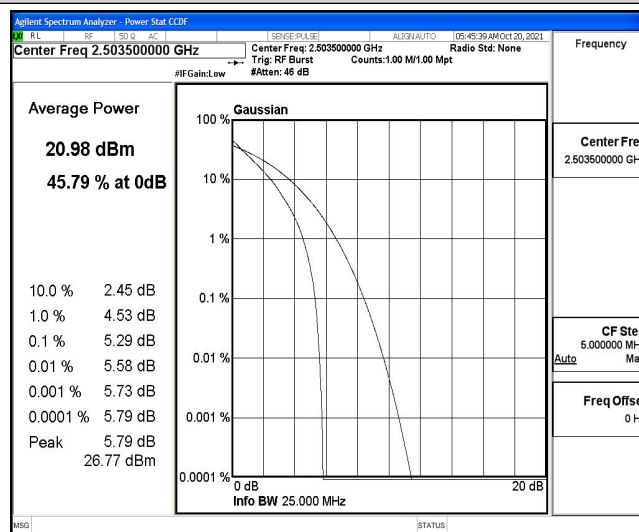
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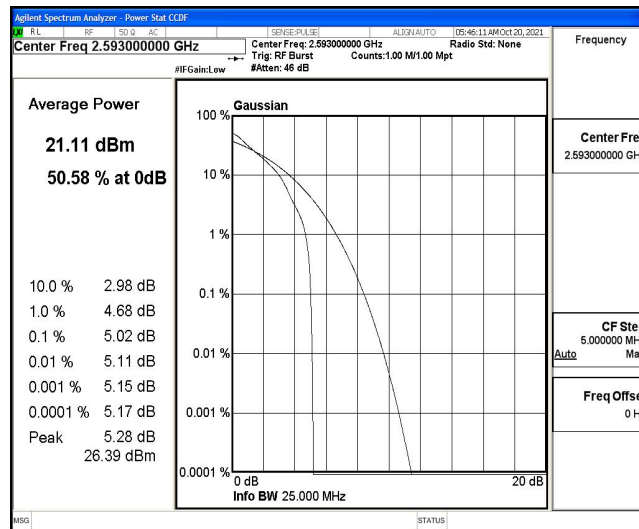
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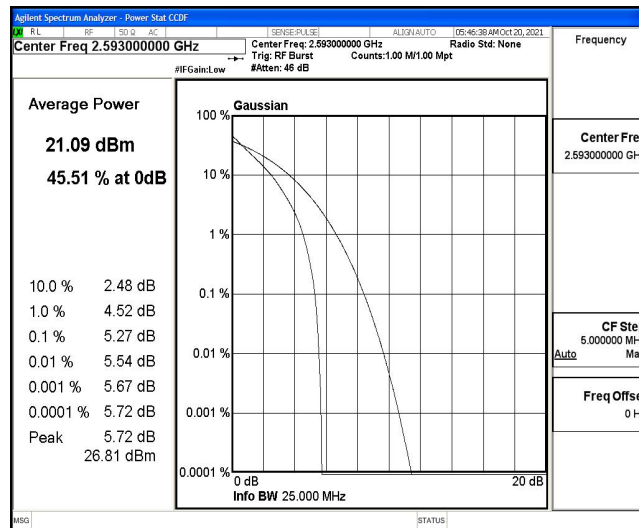
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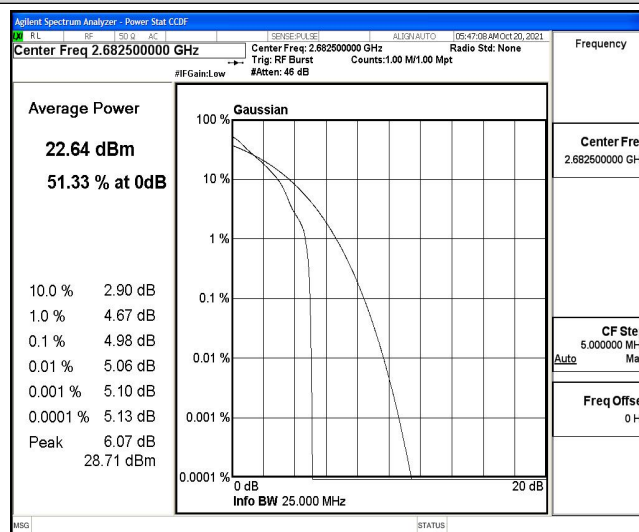
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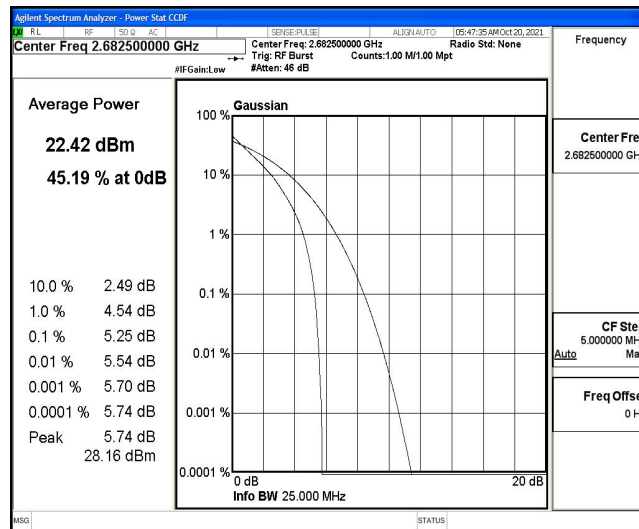
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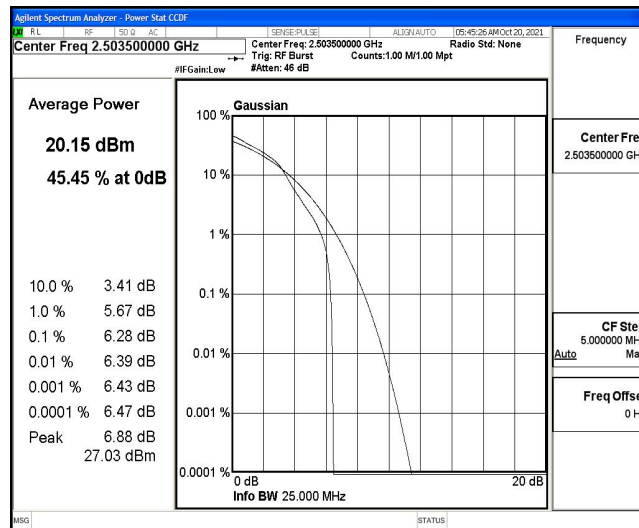
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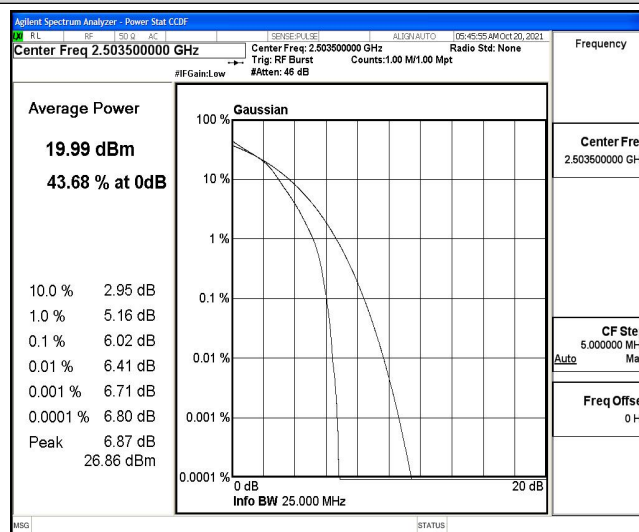
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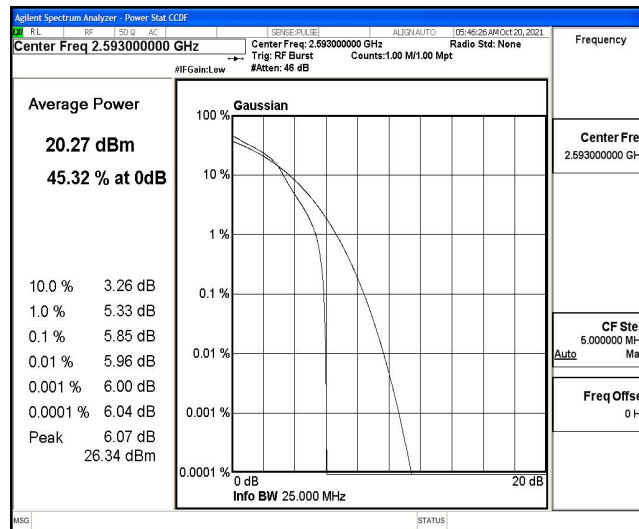
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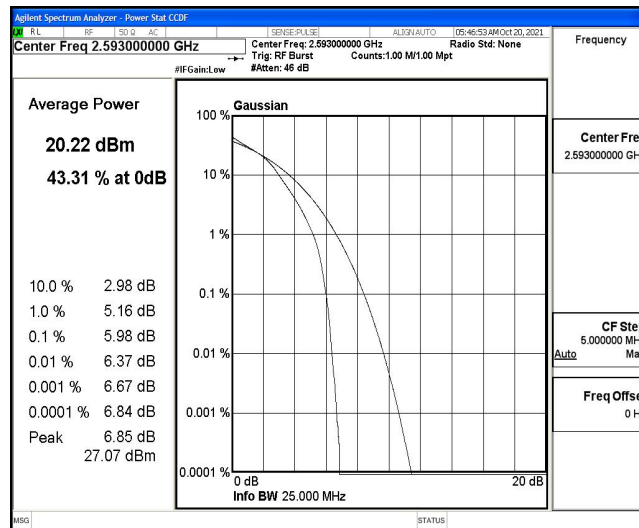
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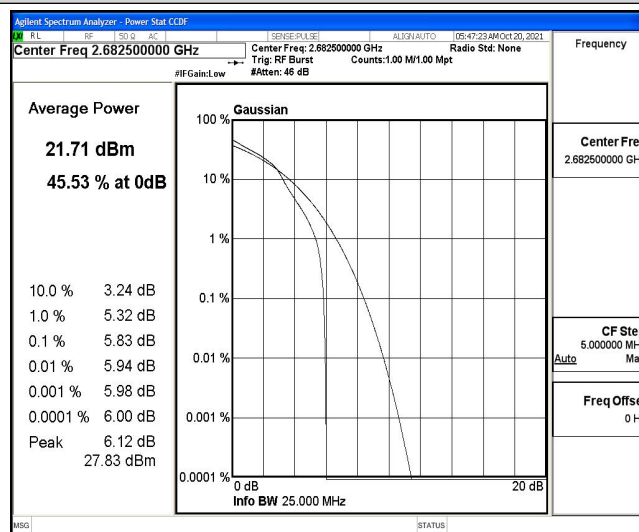
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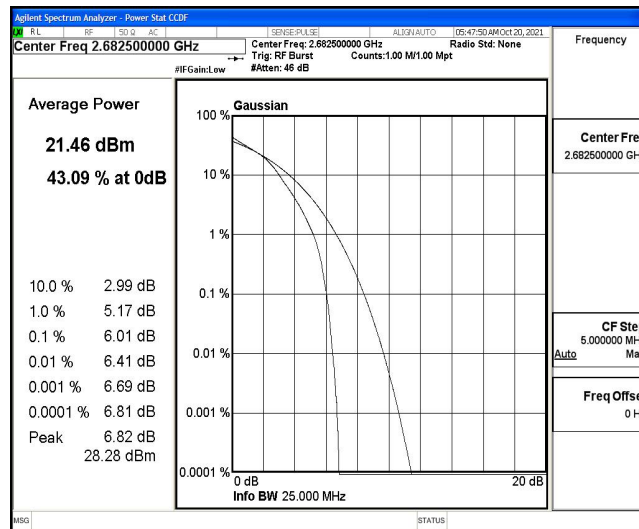
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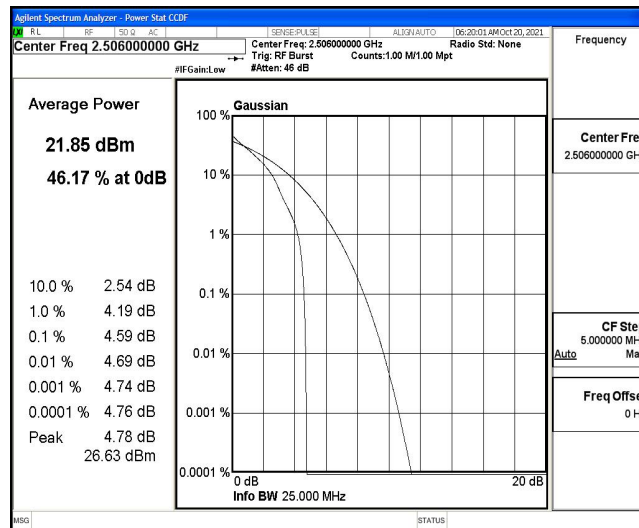
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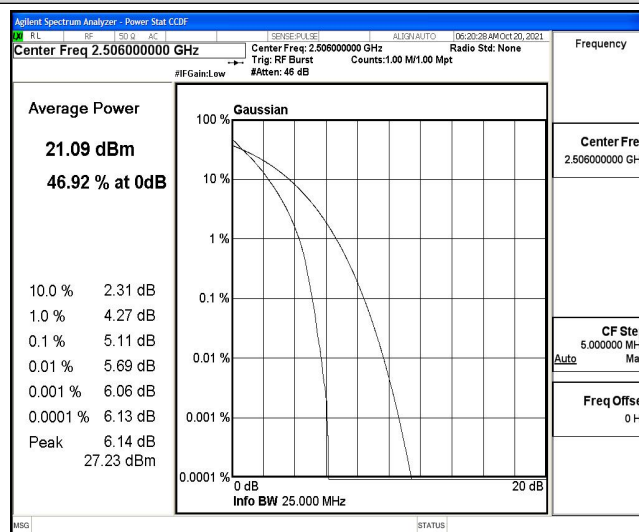
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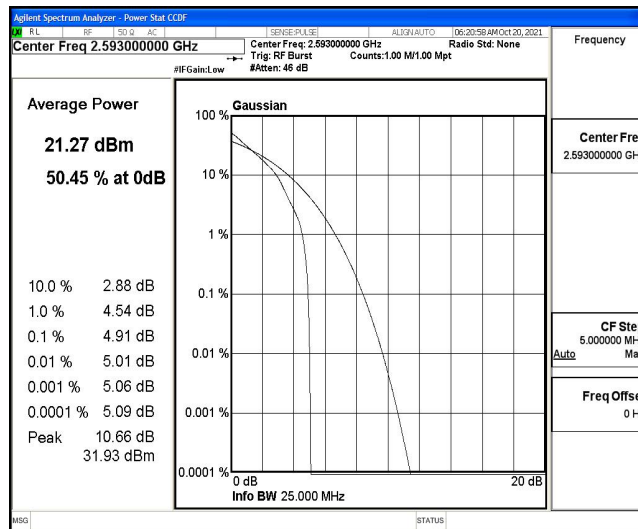
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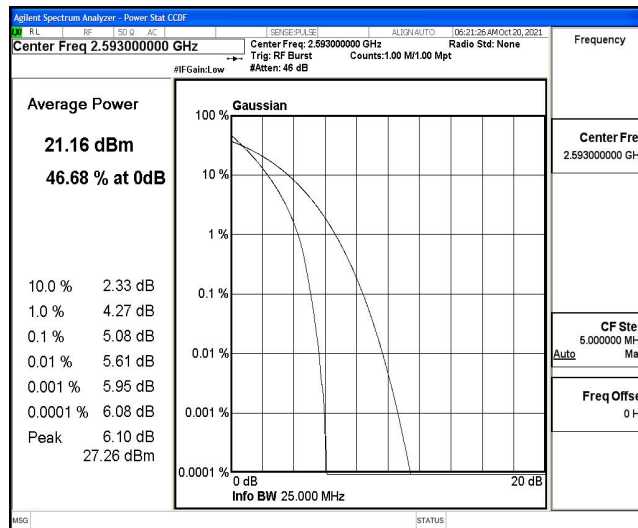
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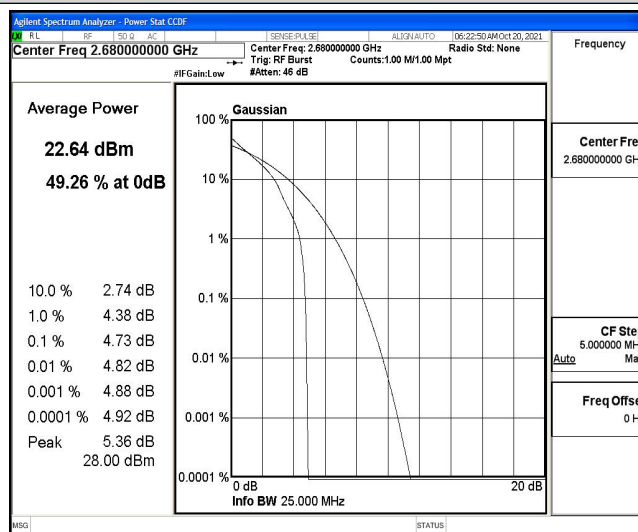
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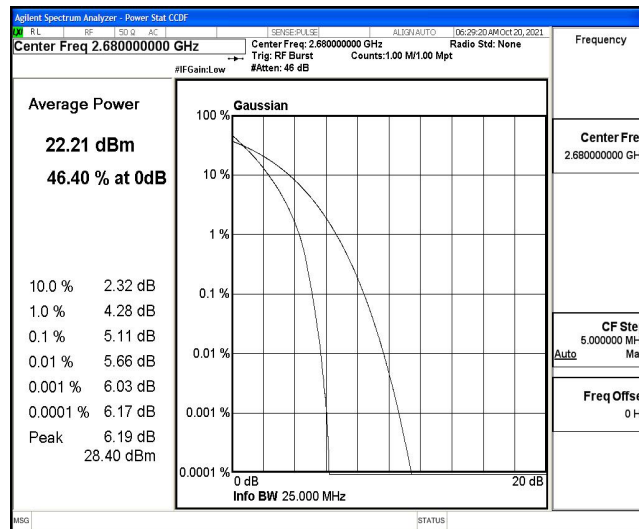
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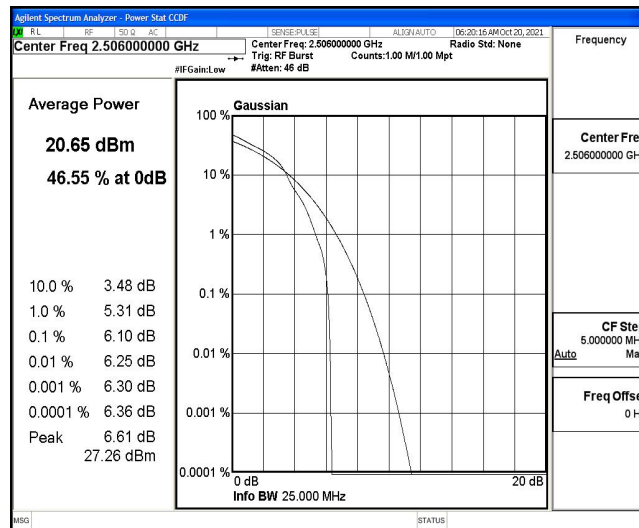
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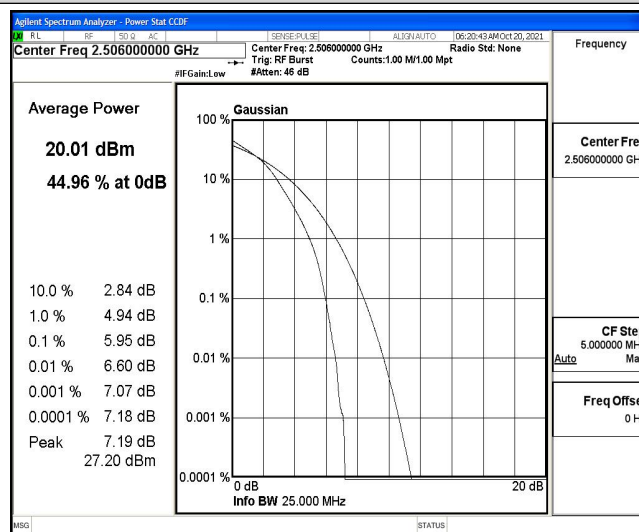
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Band41-20MHz-16QAM-39750-1RB#0



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