



Appendix E Test Data for E-UTRA Band 7

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



E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.16	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.47	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.17	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.40	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.39	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.31	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.38	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.39	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.75	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.67	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.72	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.71	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.68	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.72	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.25	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.54	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.02	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.37	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.35	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.22	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.28	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.31	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.35	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.97	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.42	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.41	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.44	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.44	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.42	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.59	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.57	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.77	PASS



Band7	5MHz	16QAM	21100	12RB#6	20.67	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.73	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.88	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.37	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.68	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.19	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.45	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.42	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.38	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.33	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.06	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.20	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.09	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.41	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.38	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.41	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.41	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.12	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.72	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.57	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.74	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.73	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.66	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.64	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.19	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.60	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.60	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.42	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.65	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.62	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.87	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.23	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.57	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.26	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.41	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.38	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.33	PASS



Band7	10MHz	16QAM	20800	50RB#0	20.43	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.45	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.92	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.65	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.67	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.75	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.65	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.67	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.28	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.73	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.74	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.03	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.72	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.82	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.90	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.05	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.93	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.02	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.29	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.32	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.14	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.18	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.37	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.31	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.32	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.43	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.55	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.64	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.23	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.36	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.86	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.52	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.53	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.04	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.54	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.37	PASS



Band7	15MHz	16QAM	20825	1RB#38	21.34	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.11	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.15	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.33	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.11	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.23	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.24	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.32	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.38	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.34	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.44	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.50	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.55	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.50	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.38	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.12	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.54	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.46	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.06	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.65	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.16	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.41	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.88	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.75	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.81	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.03	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.08	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.98	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.54	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.24	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.37	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.36	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.41	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.55	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.35	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.69	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.69	PASS



Band7	20MHz	QPSK	21350	50RB#0	20.63	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.89	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.83	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.03	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.79	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.19	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.29	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.95	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.06	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.15	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.12	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.69	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.29	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.90	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.33	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.43	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.49	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.44	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.65	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.02	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.48	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.66	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.70	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.05	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.05	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.30	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.94	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.18	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.87	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.80	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	3.99	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.25	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.79	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.11	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.70	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.62	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.03	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.24	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.82	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.15	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.85	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.26	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.22	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.13	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.66	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.42	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.71	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.98	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.11	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.36	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.30	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.22	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.19	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.02	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.85	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.14	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.89	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.17	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.90	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.01	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.61	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.31	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.84	13	PASS

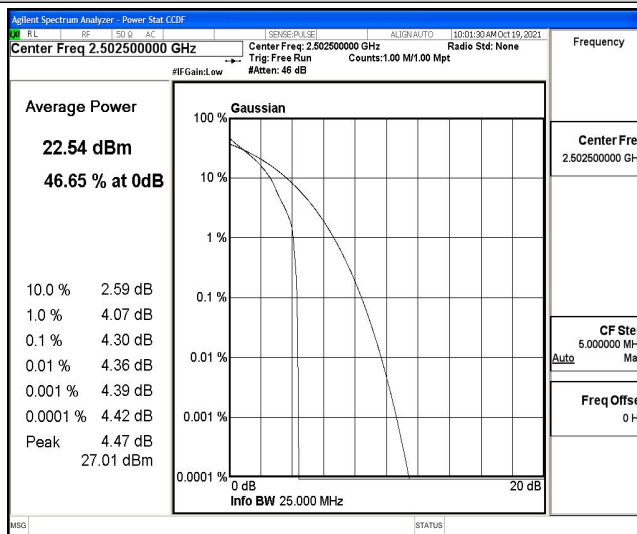


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Band7	20MHz	QPSK	21100	100RB#0	5.04	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.21	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.80	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.16	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.73	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.39	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.79	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.10	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.68	13	PASS

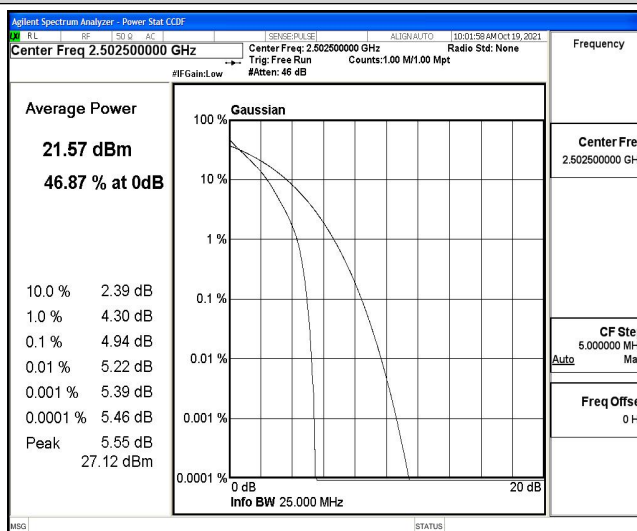


Test Graphs

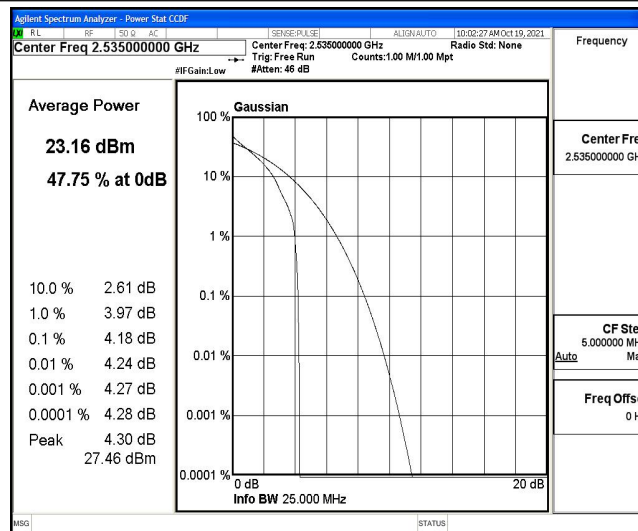
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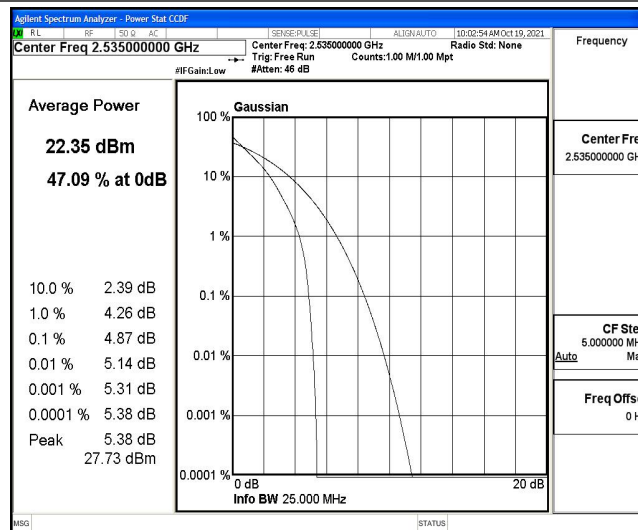
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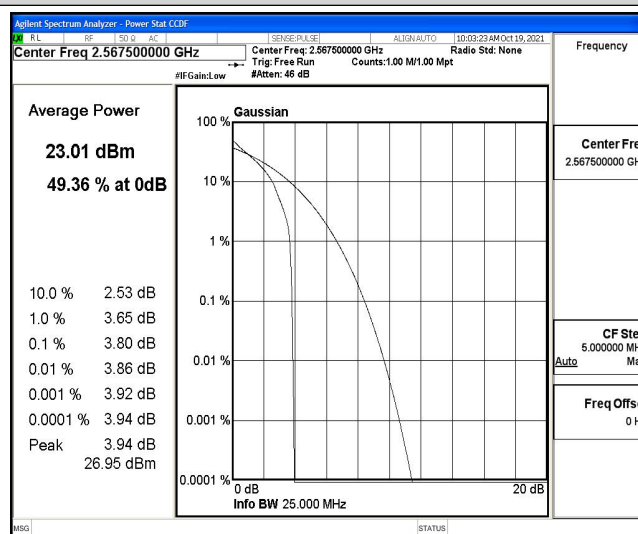
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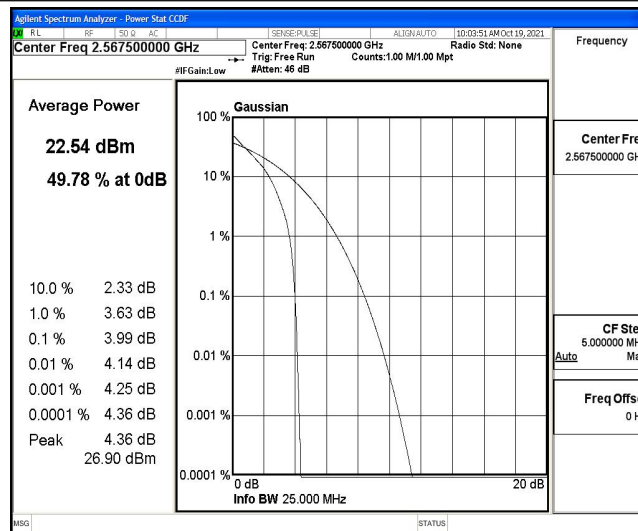
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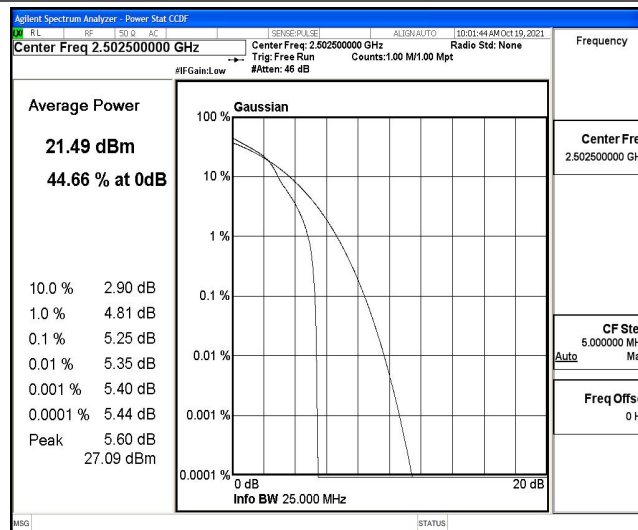
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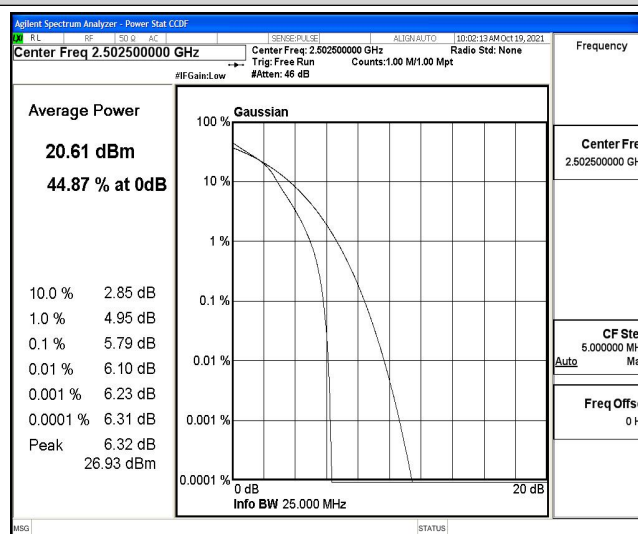
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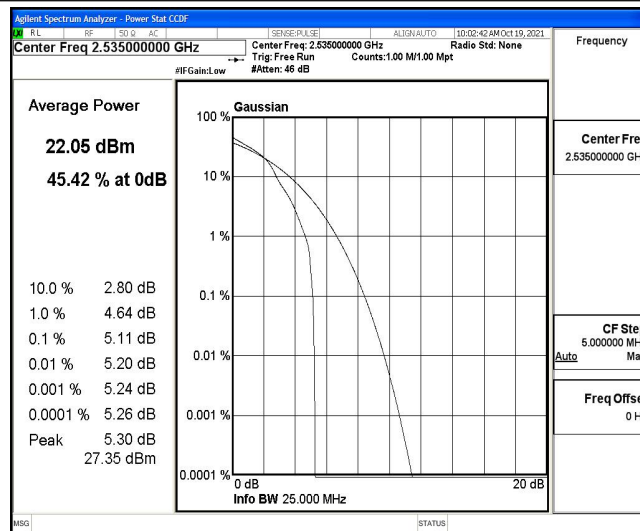
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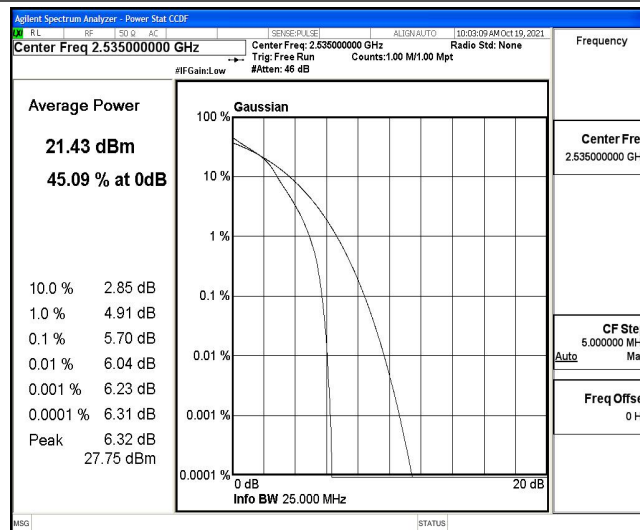
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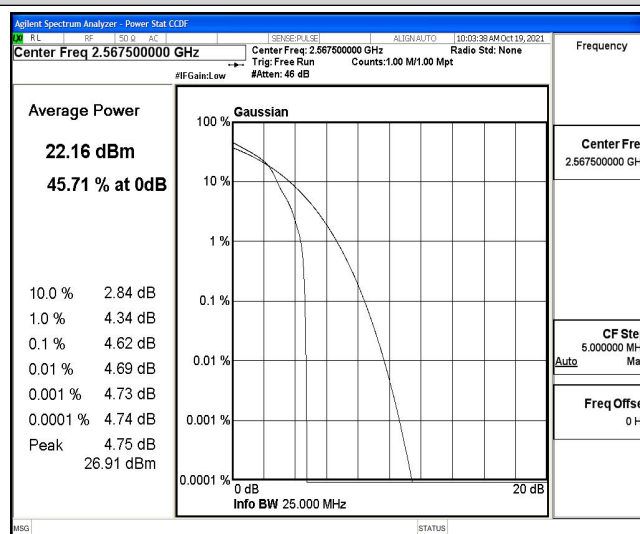
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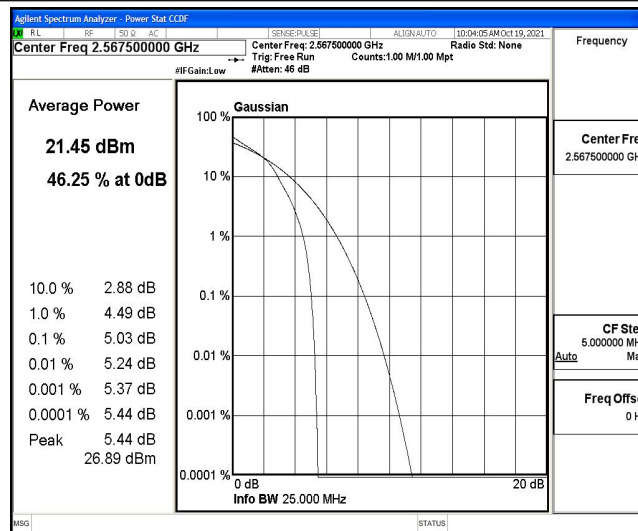
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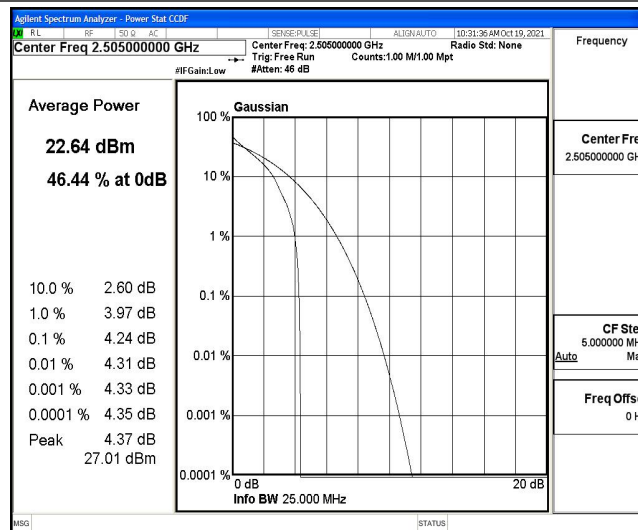
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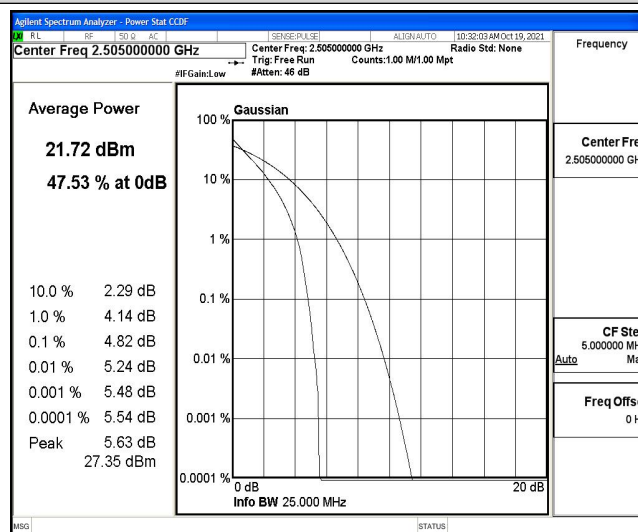
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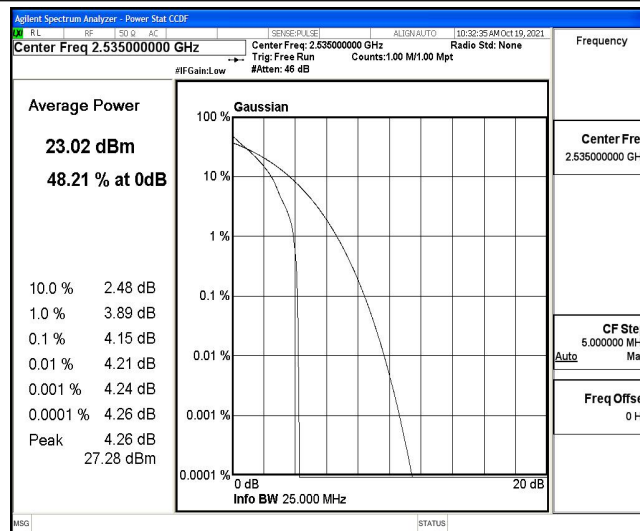
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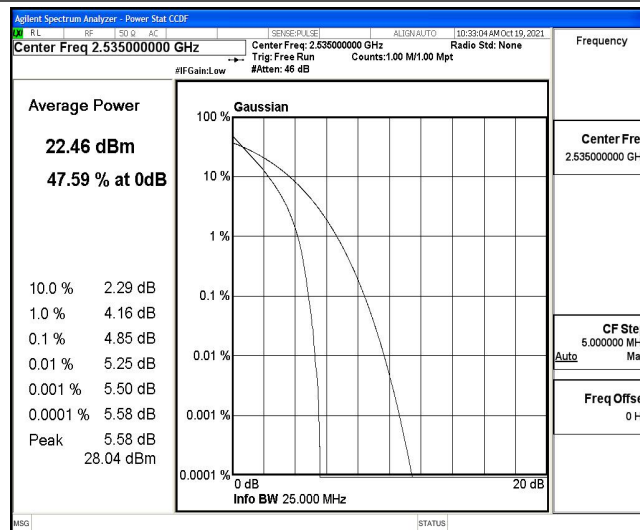
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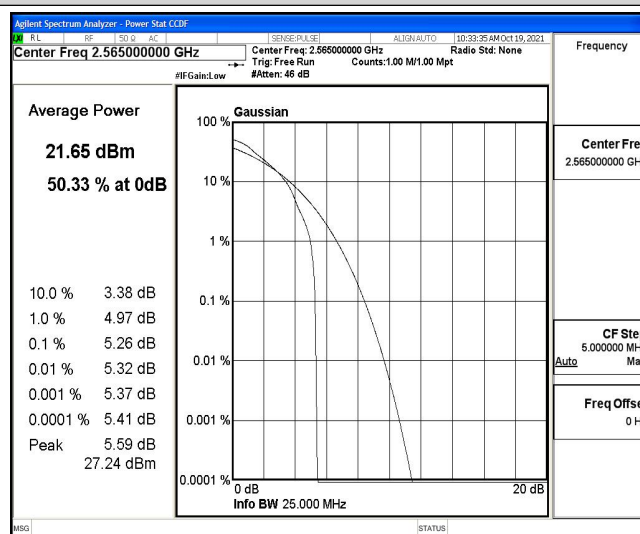
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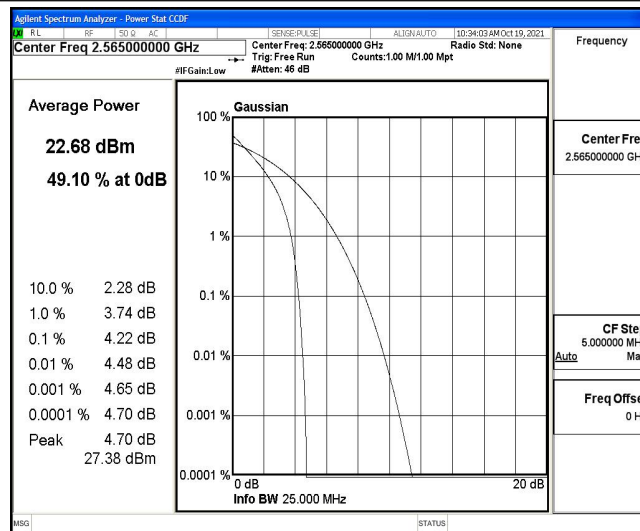
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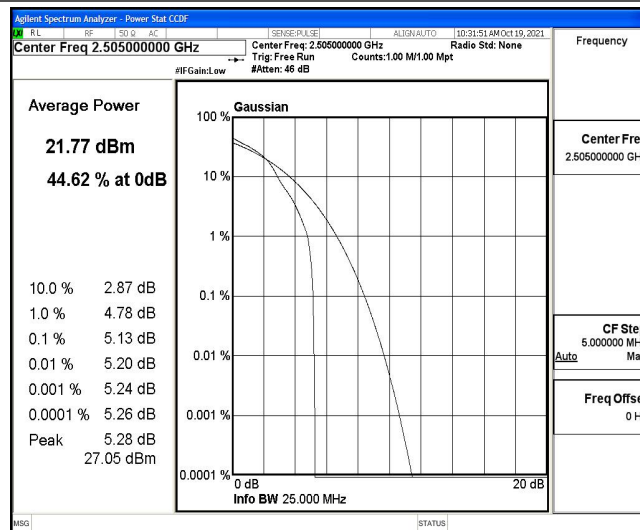
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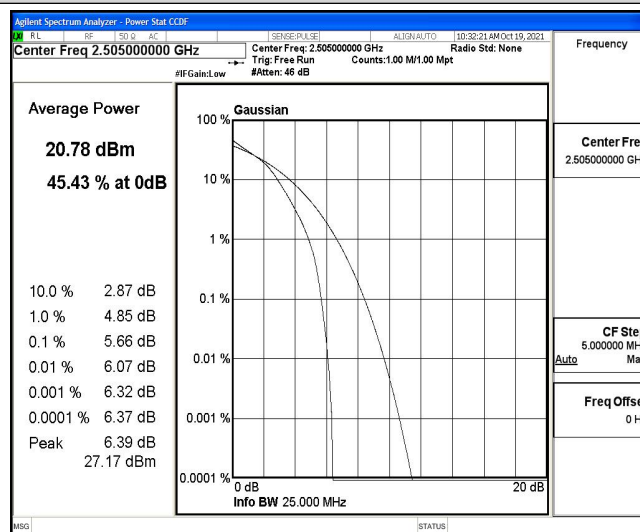
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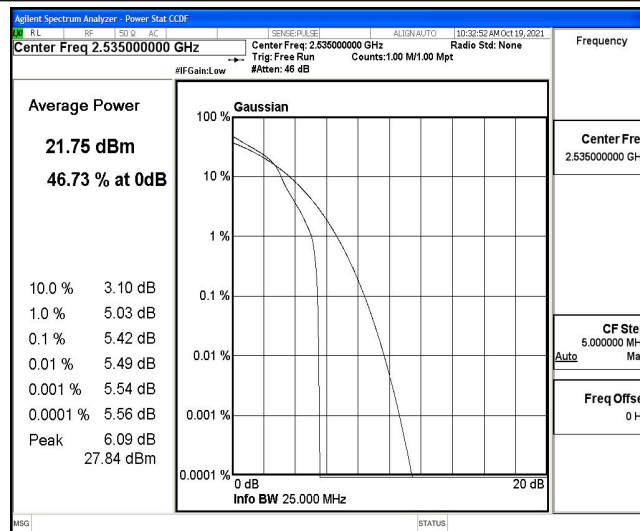
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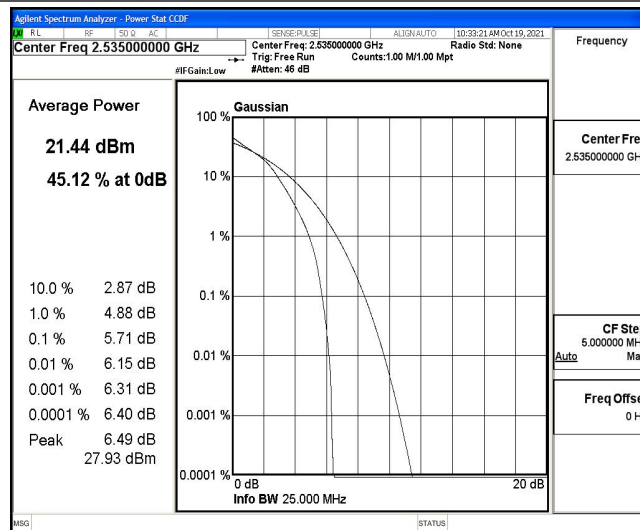
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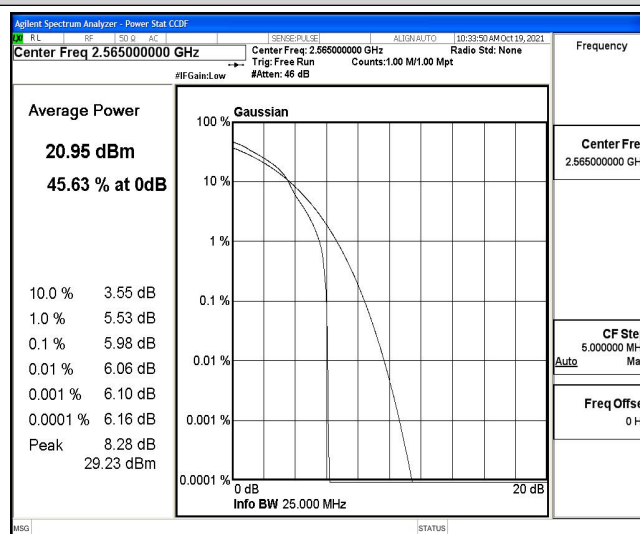
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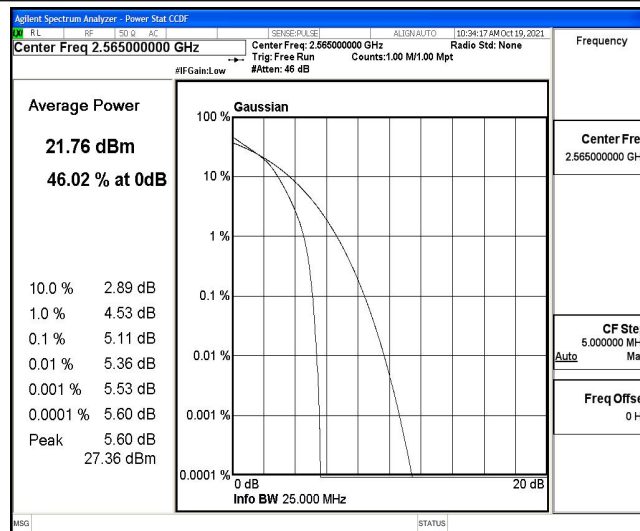
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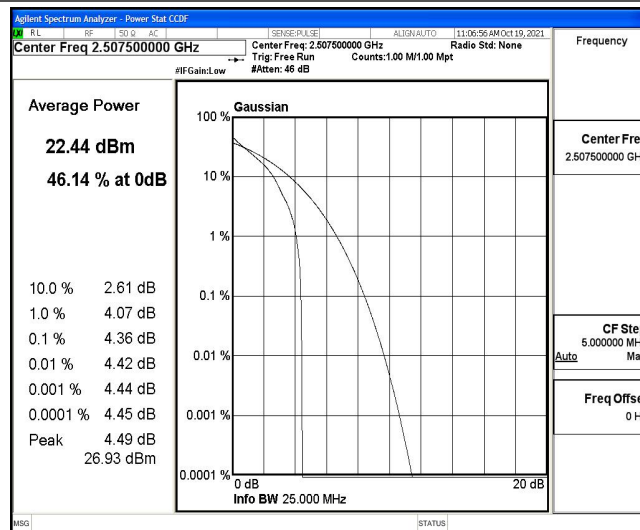
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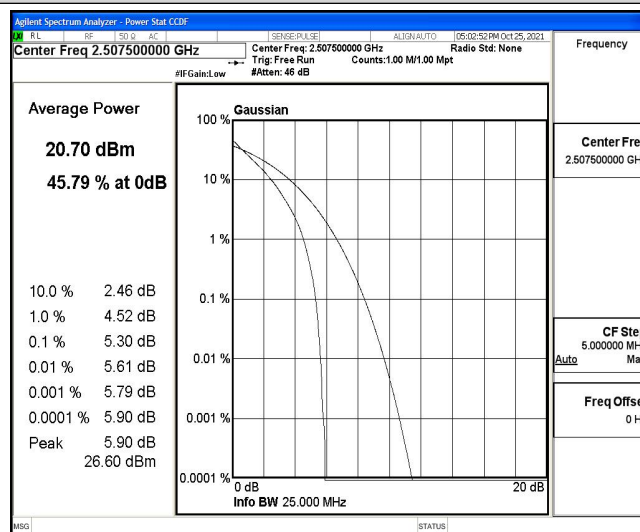
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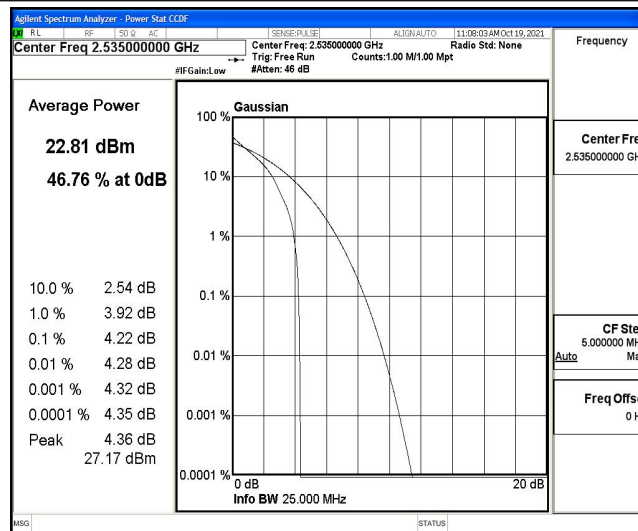
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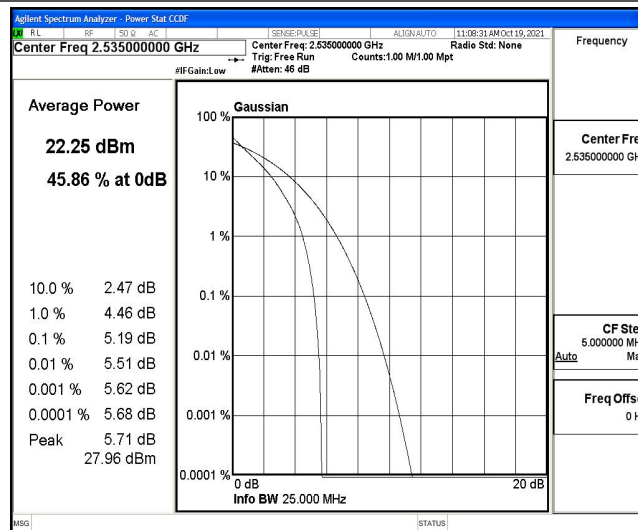
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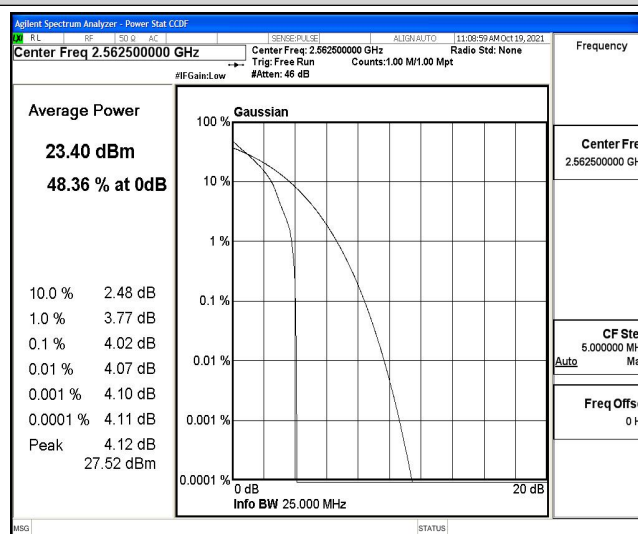
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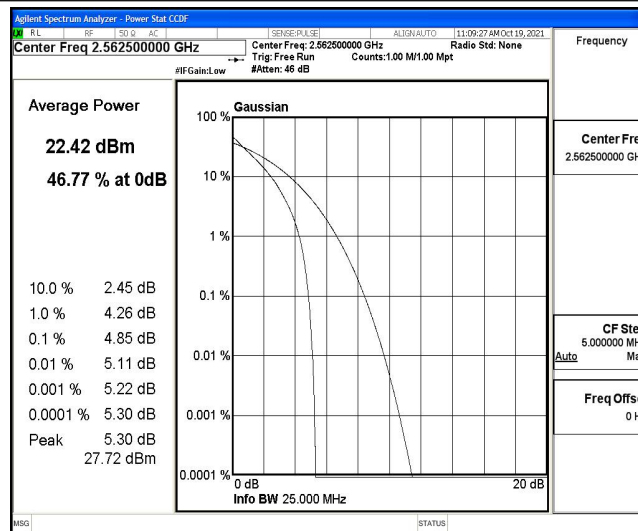
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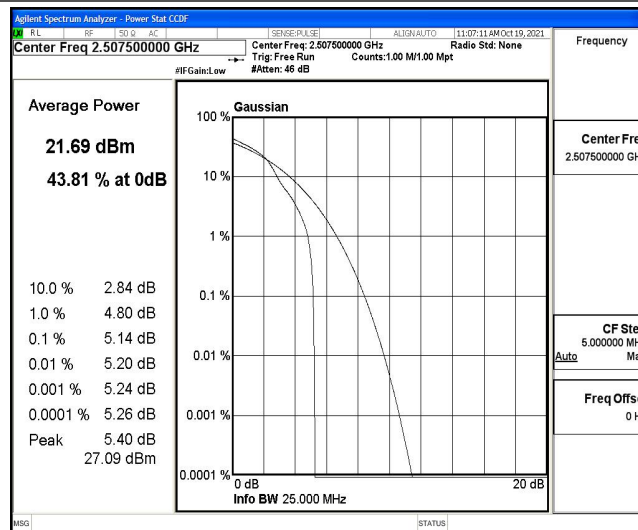
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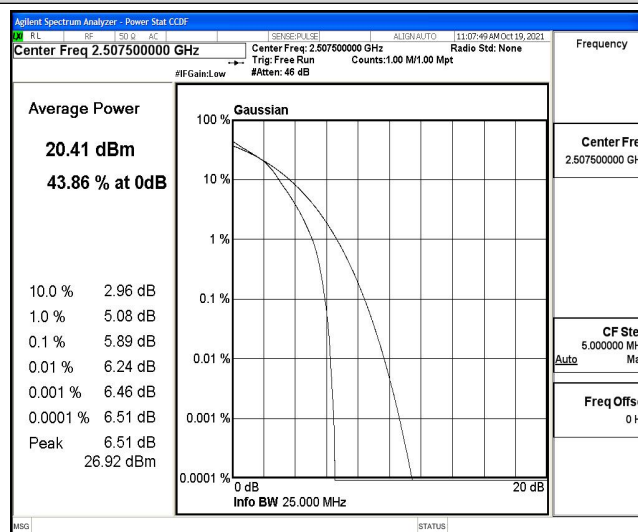
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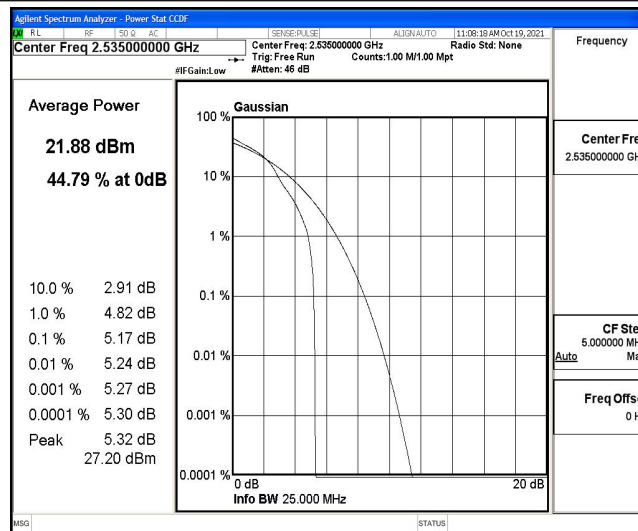
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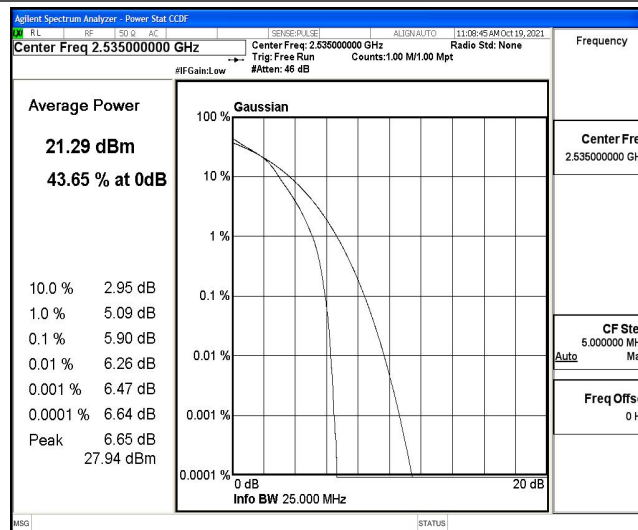
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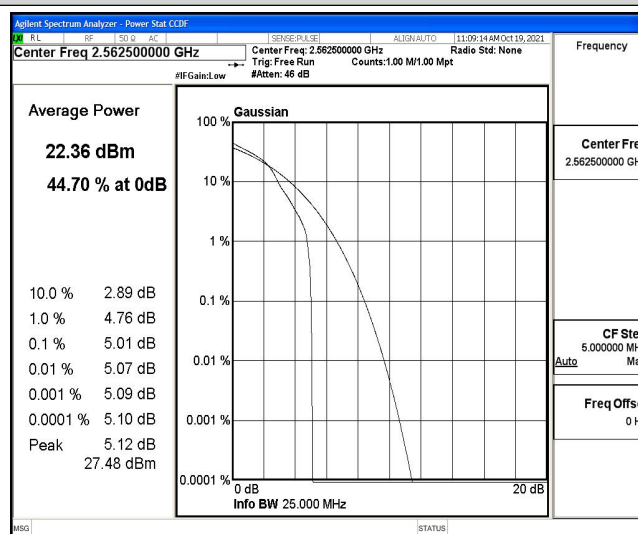
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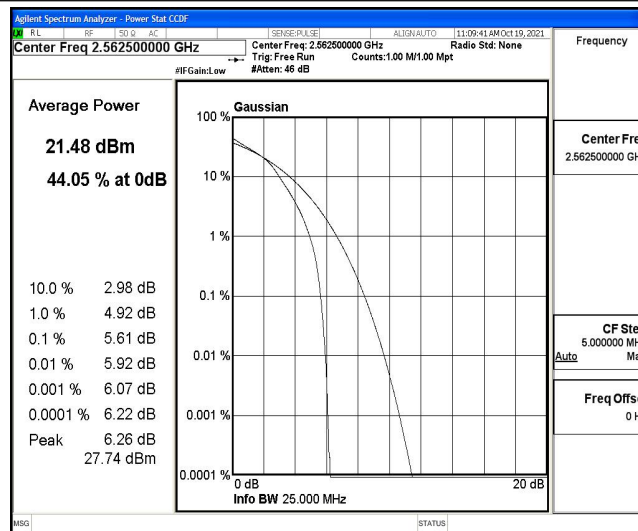
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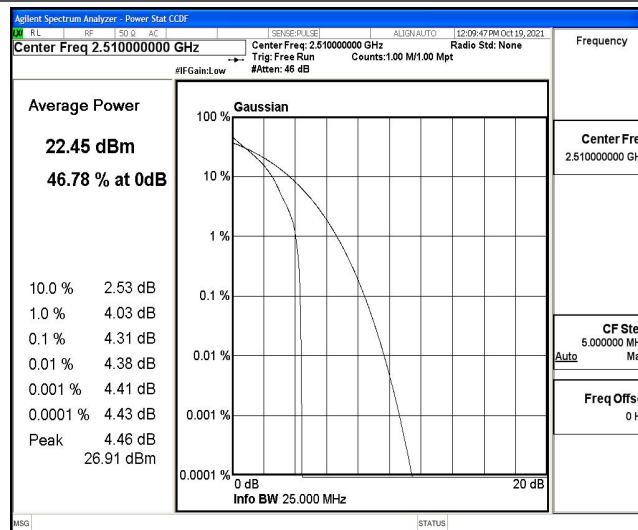
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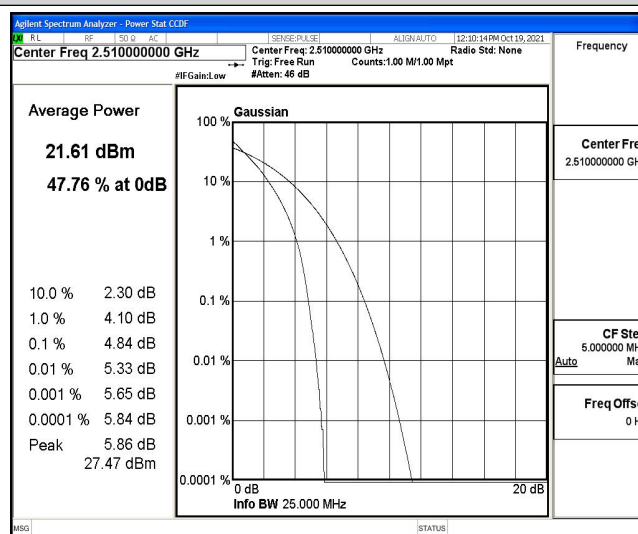
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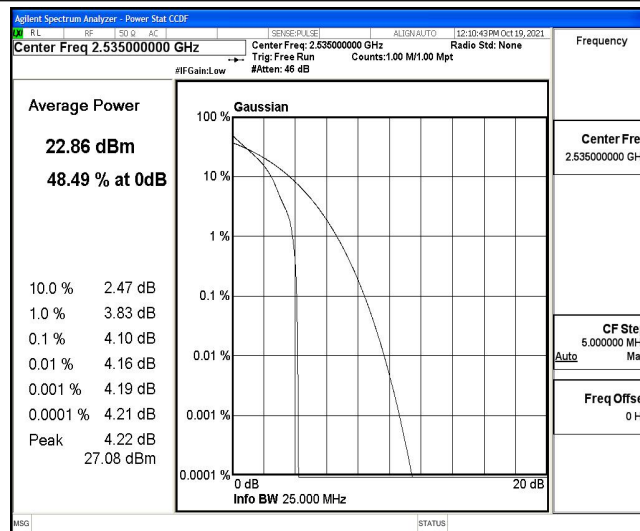
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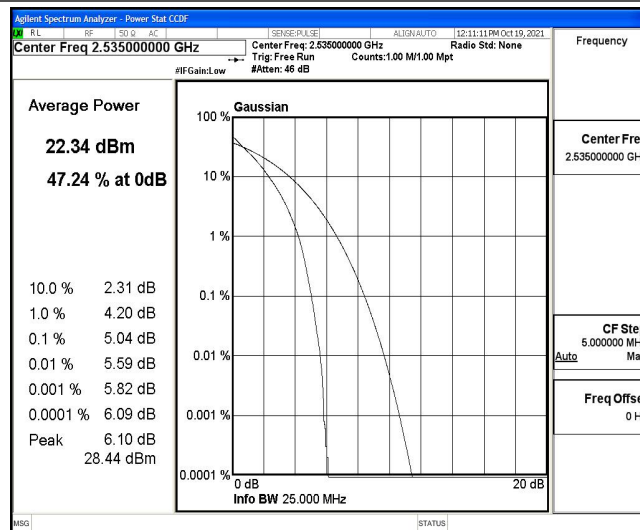
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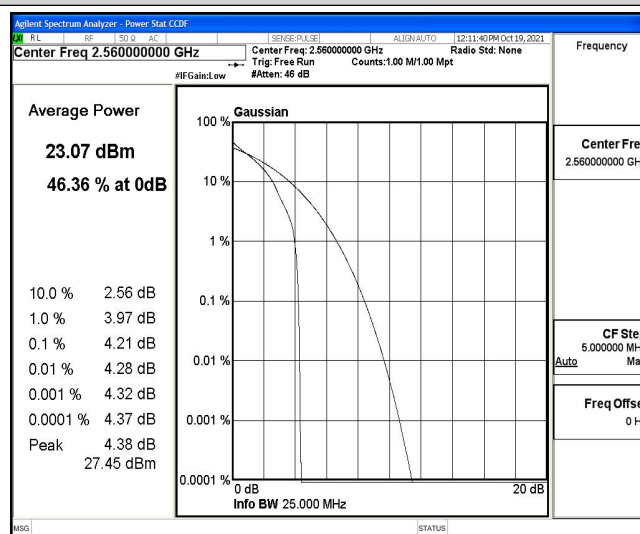
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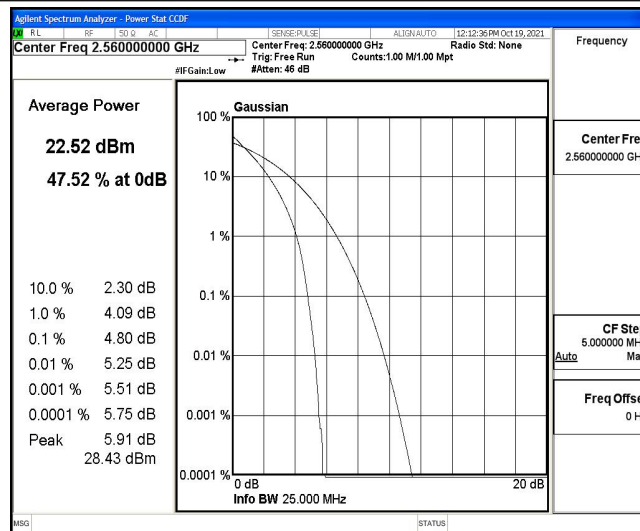
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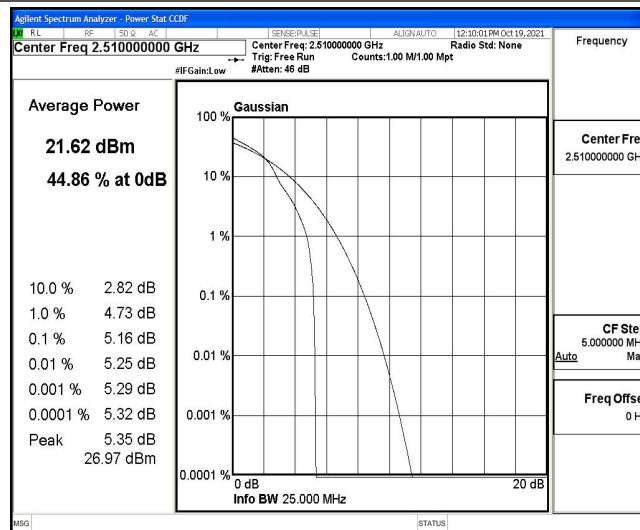
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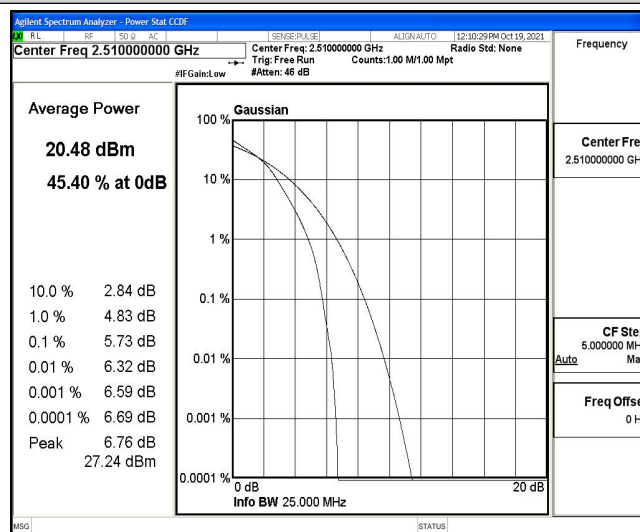
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