

Appendix for LTE Band 41

CONTENTS

Appendix A: Effective (Isotropic) Radiated Power Output Data 3

 Test Result 3

Appendix B: Peak-to-Average Ratio(CCDF) 8

 Test Result 8

 Test Graphs 10

Appendix C: 26dB Bandwidth and Occupied Bandwidth 27

 Test Result 27

 Test Graphs 28

Appendix D: Band Edge 37

 Test Result 37

 Test Graphs 39

Appendix E: Conducted Spurious Emission 55

 Test Result 55

 Test Graphs 60

Appendix F: Frequency Stability 92

 Test Result 92

Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.22	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.59	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.68	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.35	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.35	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.69	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.74	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.49	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.05	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.67	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.67	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.33	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.44	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.50	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.89	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.99	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.71	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.63	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.96	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.80	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.10	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.48	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.75	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.31	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.19	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.50	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.42	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.42	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.12	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.75	PASS

Band41	5MHz	16QAM	40620	12RB#0	20.67	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.67	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.33	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.58	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.47	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.29	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.50	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.62	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.86	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.76	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.11	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.64	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.65	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.54	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.54	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.84	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.70	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.01	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.56	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.72	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.91	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.91	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.26	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.48	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.57	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.74	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.11	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.58	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.50	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.82	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.62	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.23	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.58	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.57	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.51	PASS

Band41	10MHz	16QAM	39700	25RB#12	20.42	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.60	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.61	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.45	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.92	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.70	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.95	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.94	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.41	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.62	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.01	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.19	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.60	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.65	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.64	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.90	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.66	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.02	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.46	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.10	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.04	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.39	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.12	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.62	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.06	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.34	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.41	PASS
Band41	15MHz	QPSK	40620	38RB#0	22.39	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.54	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.71	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.46	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.97	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.36	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.02	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.42	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.81	PASS

Band41	15MHz	QPSK	41515	38RB#37	21.35	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.69	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.93	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.36	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.14	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.93	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.35	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.13	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.59	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.40	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.53	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.61	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.39	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.54	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.71	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.60	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.39	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.82	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.37	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.35	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.81	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.42	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.75	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.08	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.79	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.94	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.56	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.65	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.41	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.40	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.44	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.87	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.49	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.05	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.05	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.96	PASS

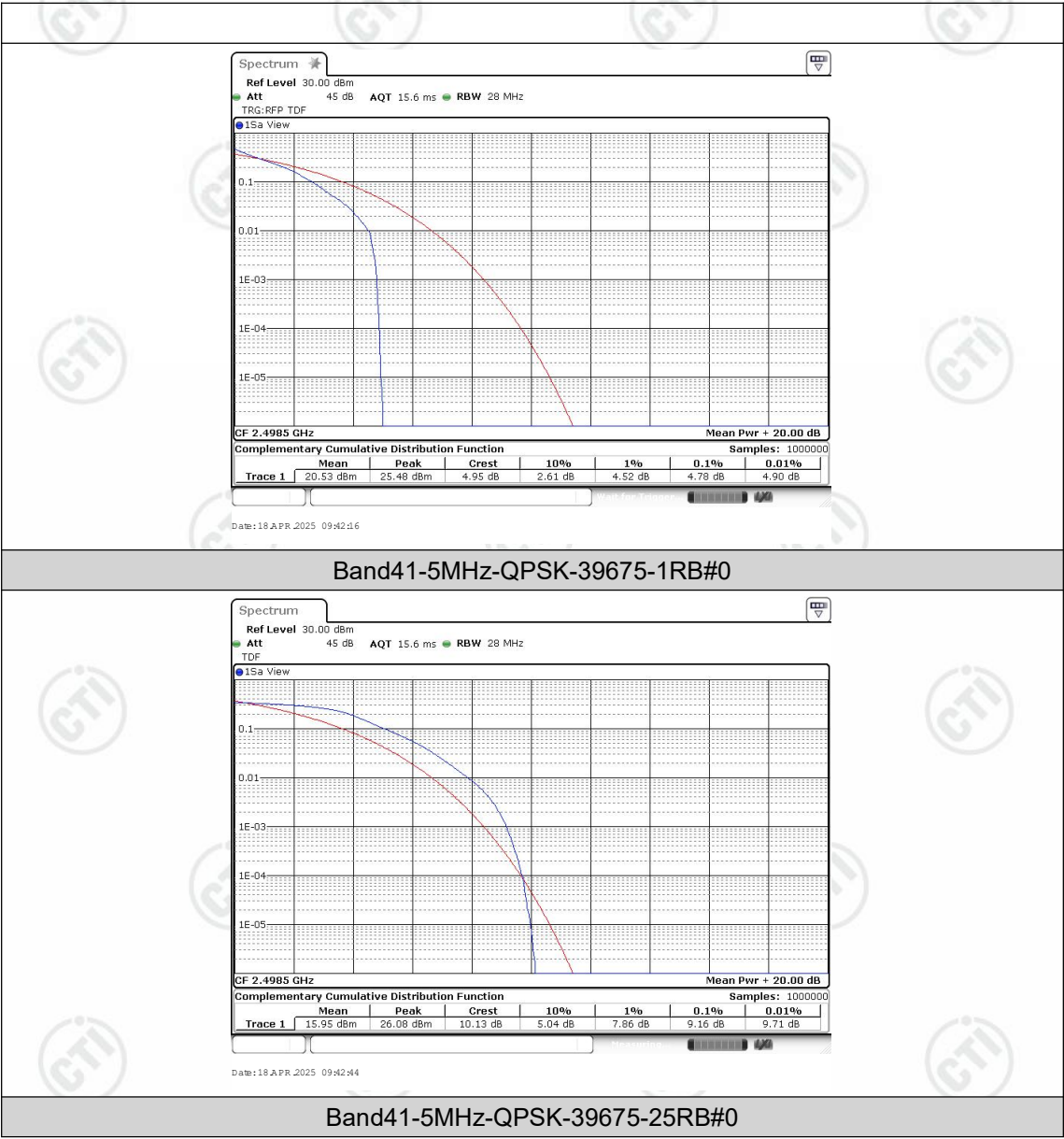
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Band41	20MHz	QPSK	41490	1RB#99	21.73	PASS
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Band41	20MHz	QPSK	41490	50RB#25	21.07	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.52	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.82	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.61	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.28	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.27	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.64	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.64	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.43	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.39	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.09	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.01	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.84	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.18	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.98	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.48	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.42	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.28	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.63	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.16	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.16	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.71	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.66	PASS

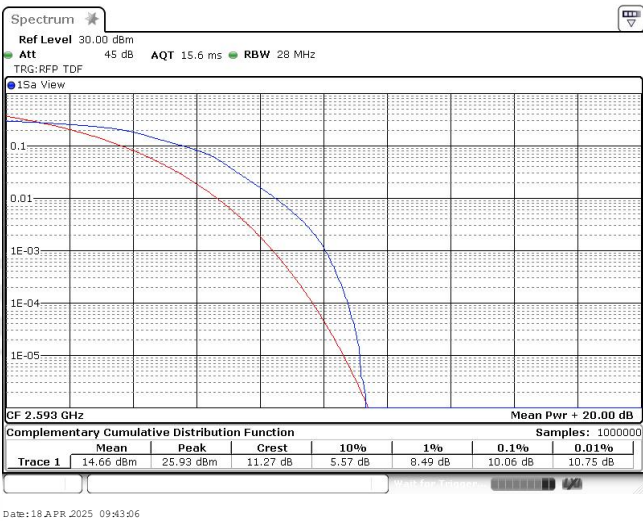
Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.78	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.16	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	10.06	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.33	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.96	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	8.99	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	9.77	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	10.06	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.36	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.74	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	9.51	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.68	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	10.32	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.91	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.90	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.78	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.93	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.84	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	9.91	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.59	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.90	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.94	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.93	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.84	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	10.58	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	10.58	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	10.58	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	10.58	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	10.58	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	10.58	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	10.58	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	10.58	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	10.58	13	PASS

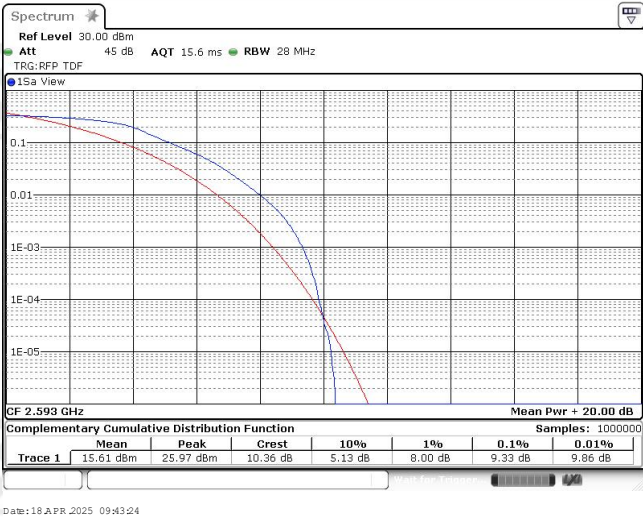
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Band41	15MHz	16QAM	41515	1RB#0	10.58	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.58	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	5.91	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.75	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.67	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.04	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.49	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.10	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	9.33	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.42	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	9.57	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.94	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	9.88	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.57	13	PASS

Test Graphs

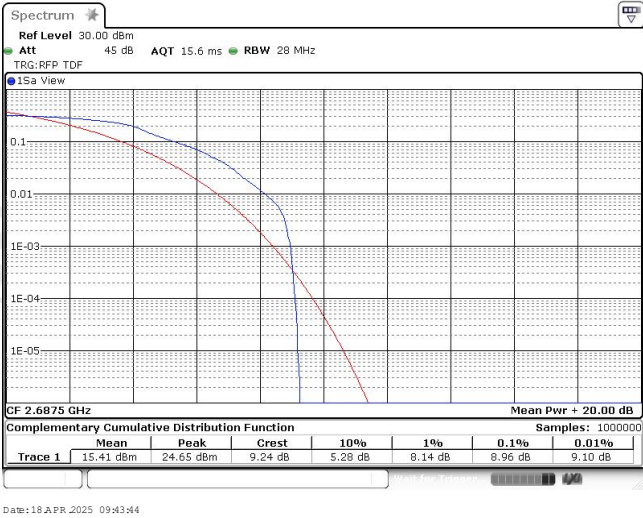




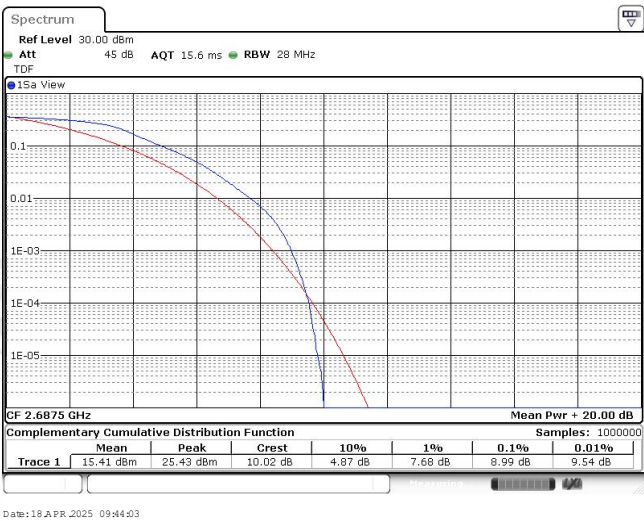
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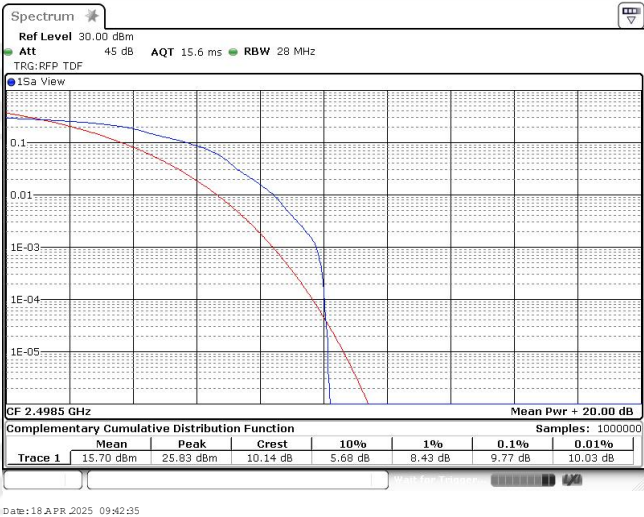
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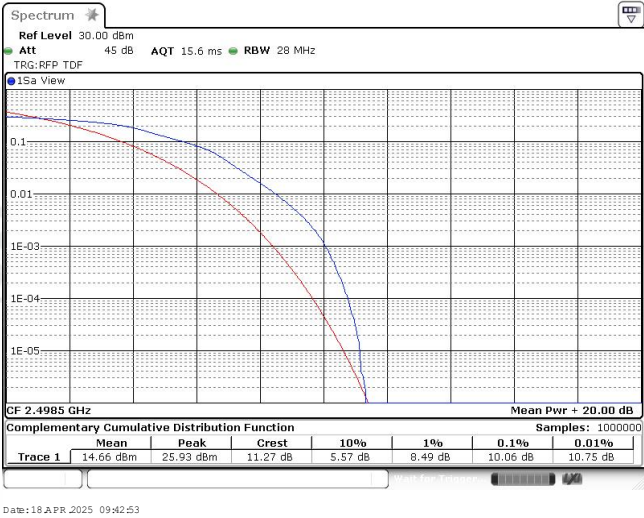
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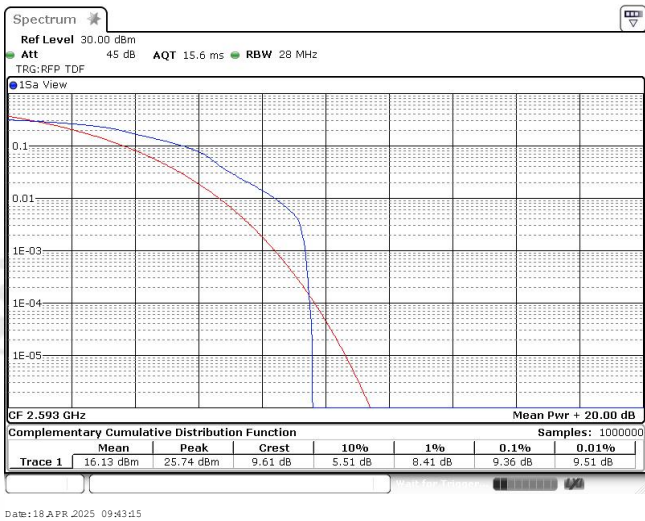
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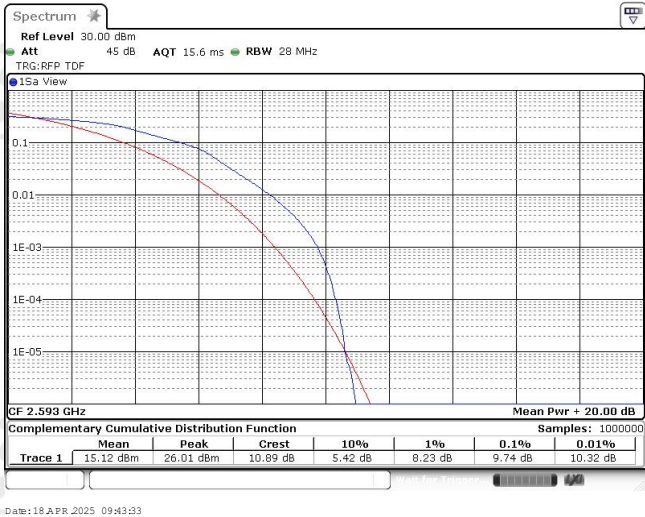
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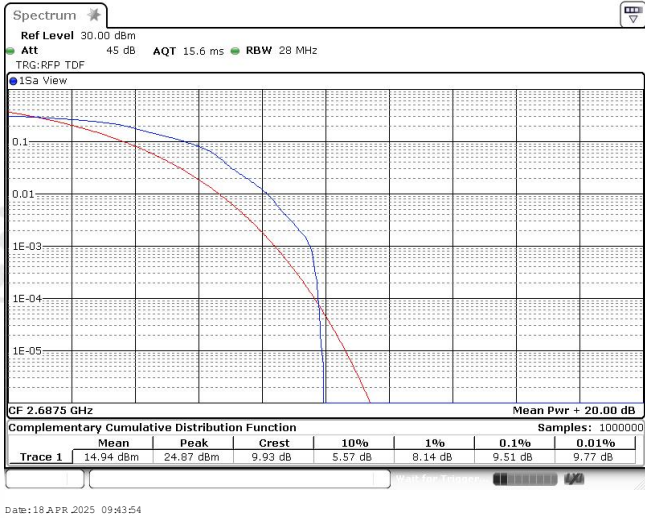
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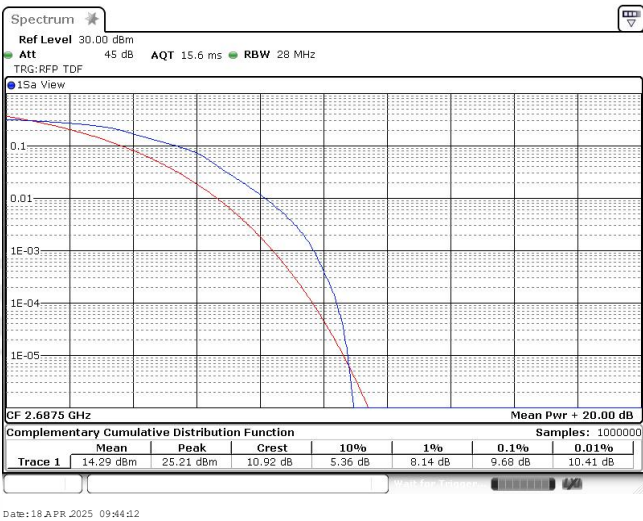
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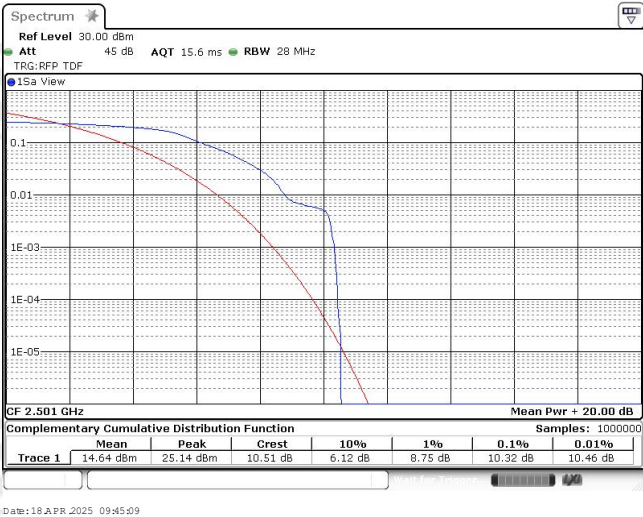
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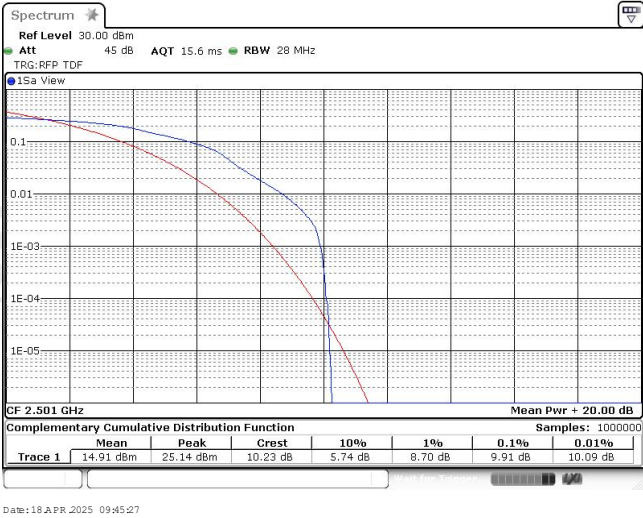
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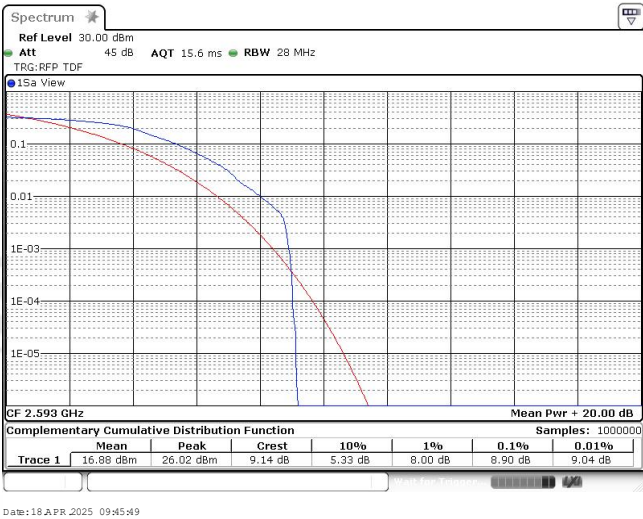
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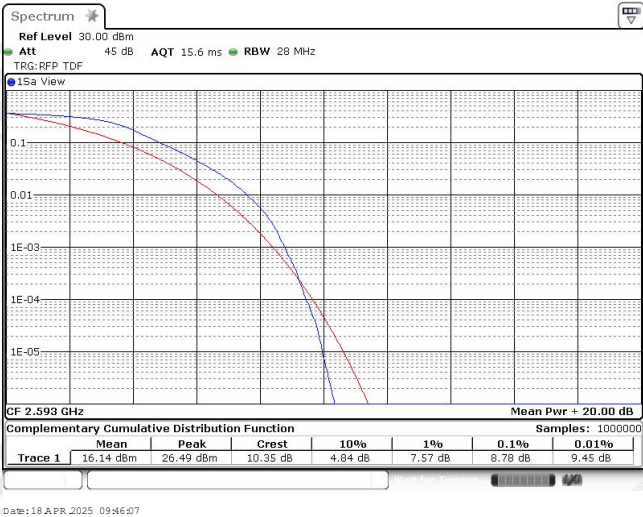
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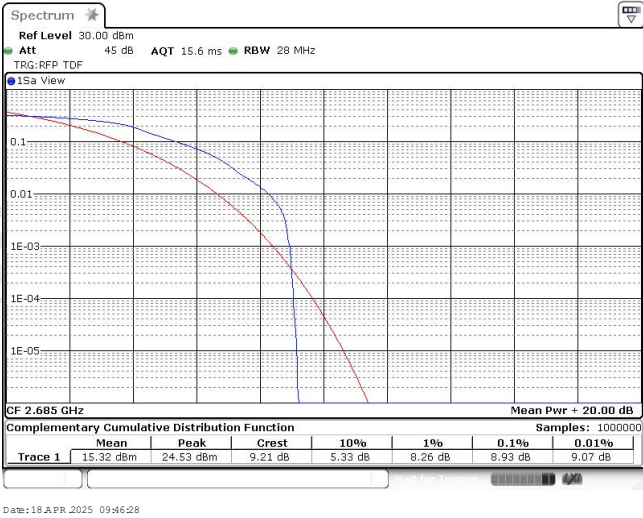
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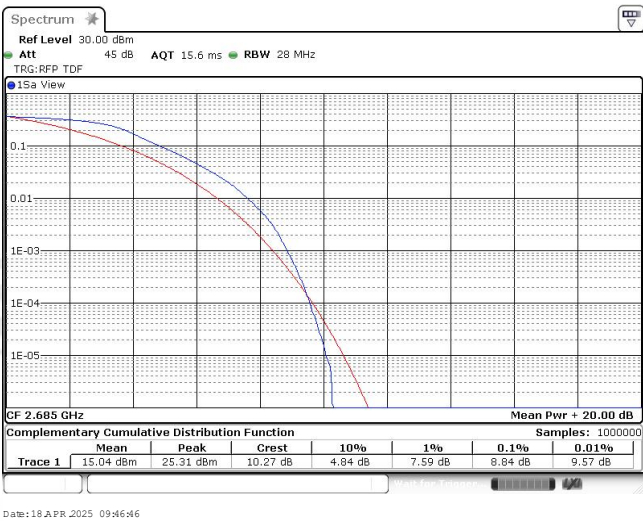
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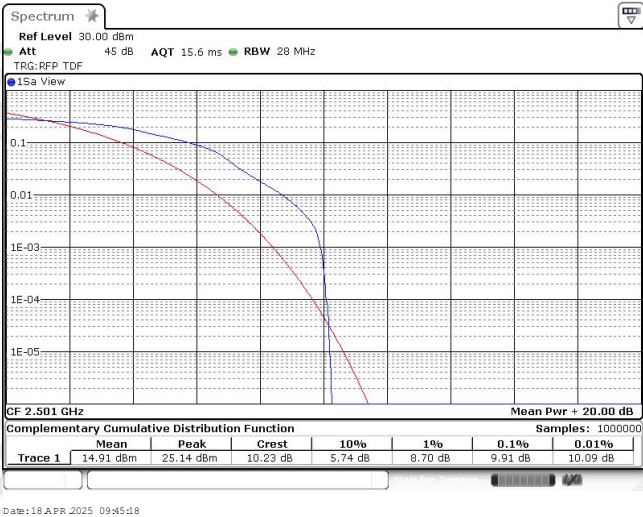
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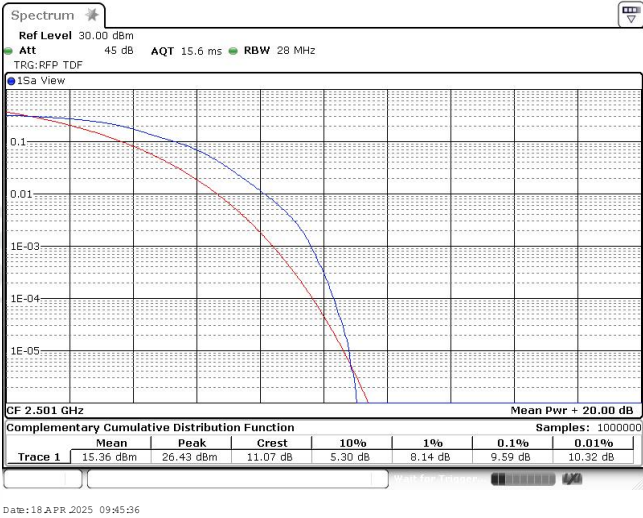
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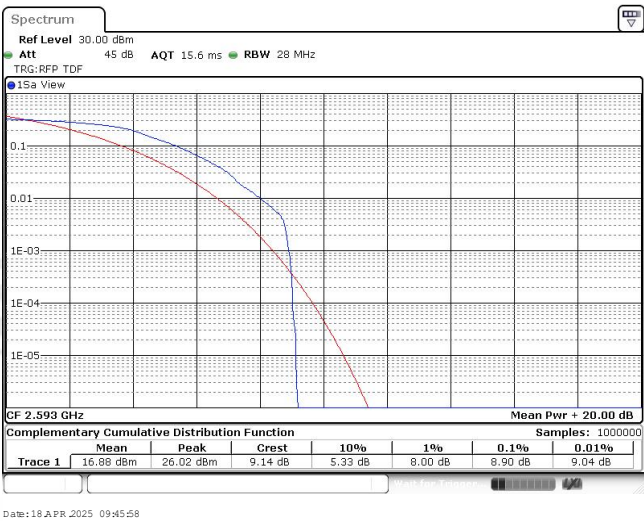
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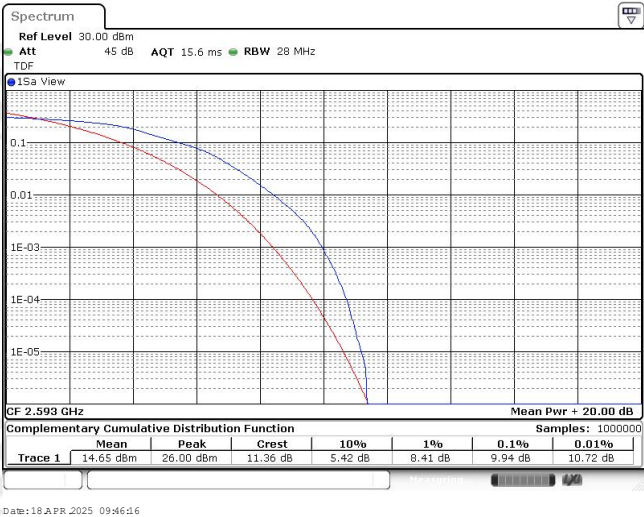
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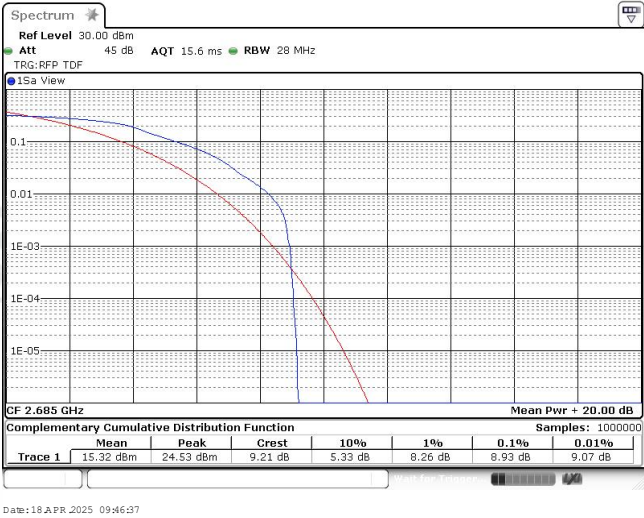
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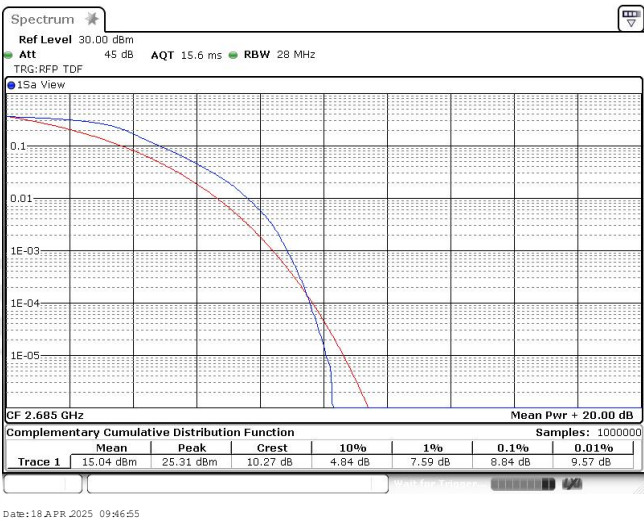
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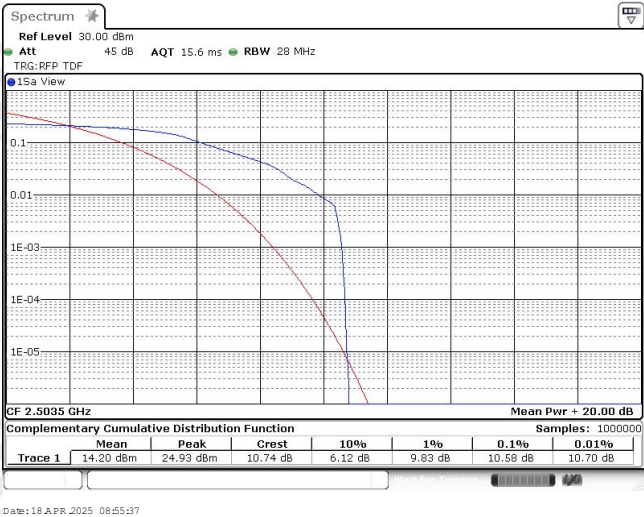
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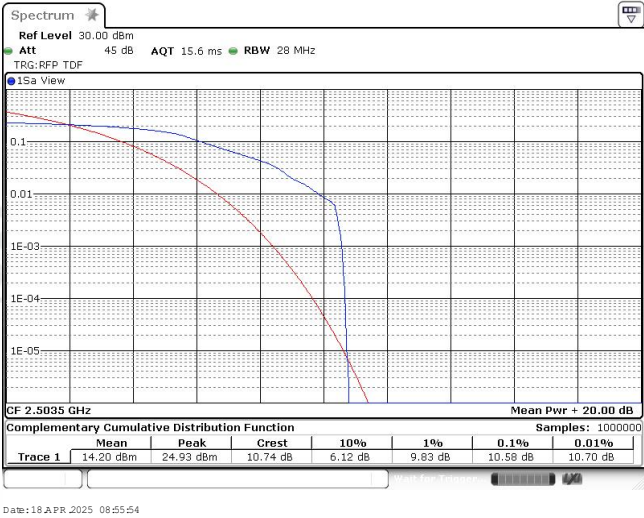
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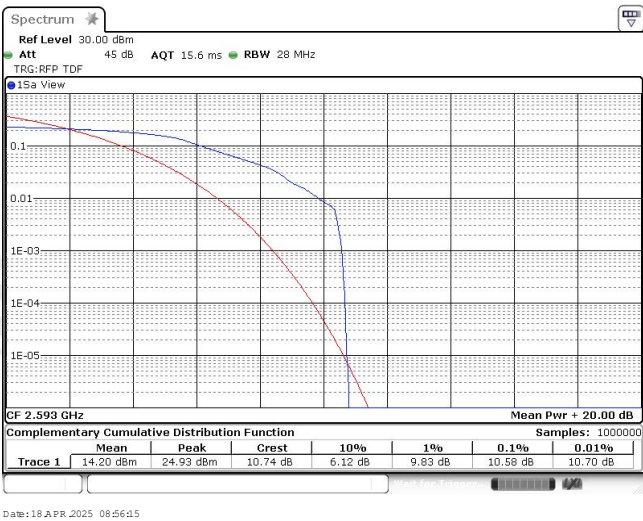
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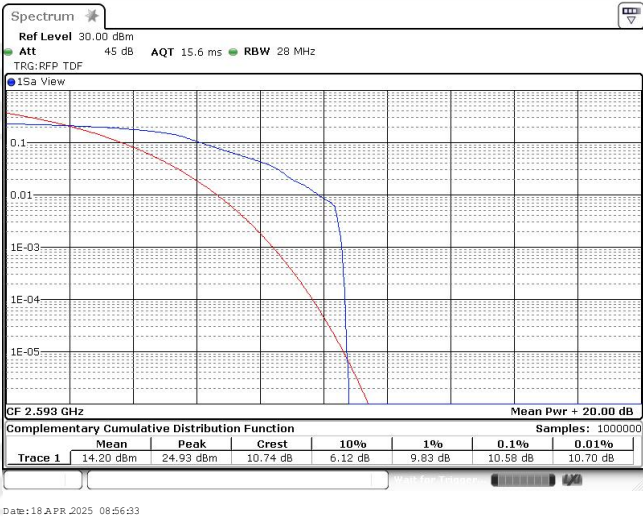
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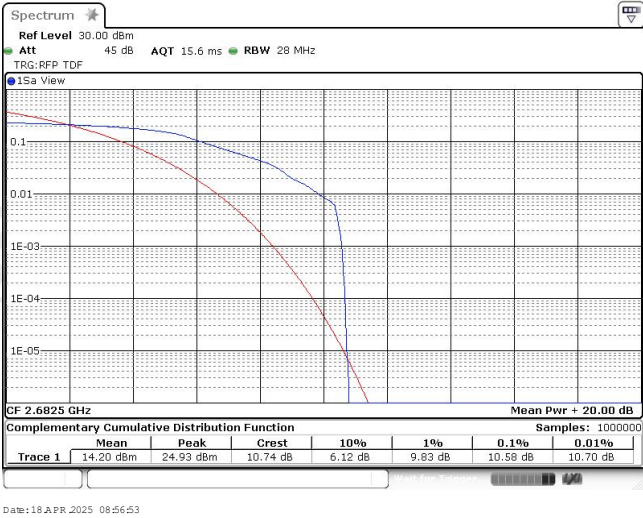
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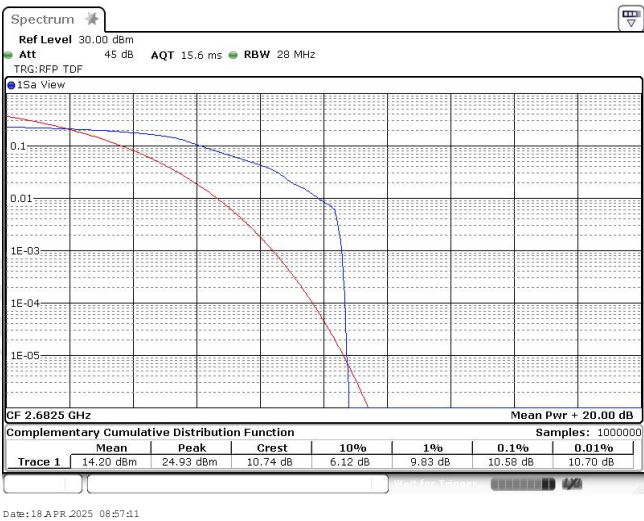
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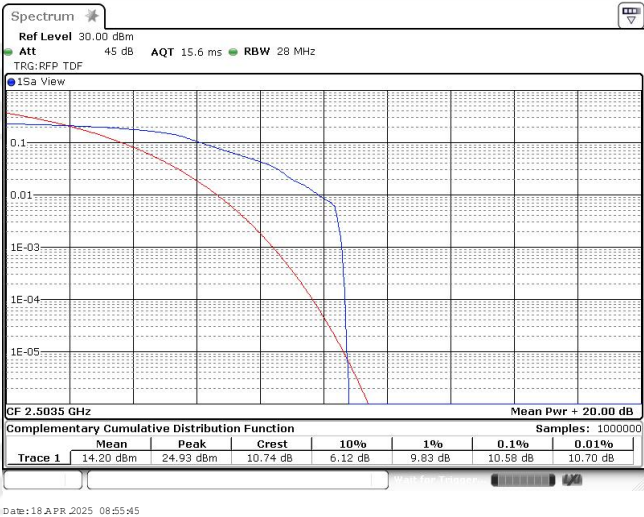
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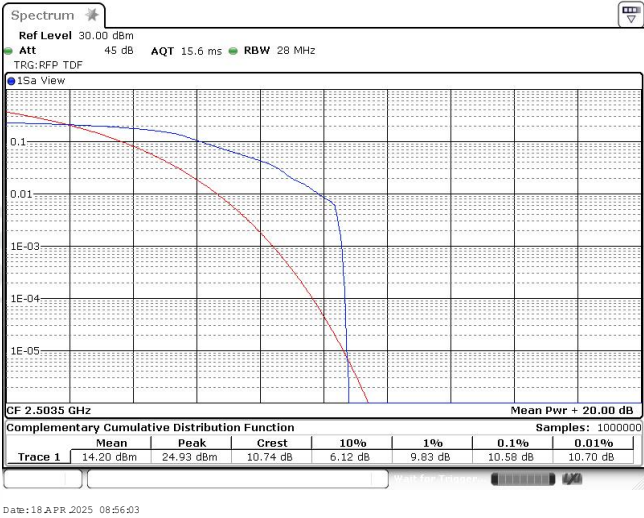
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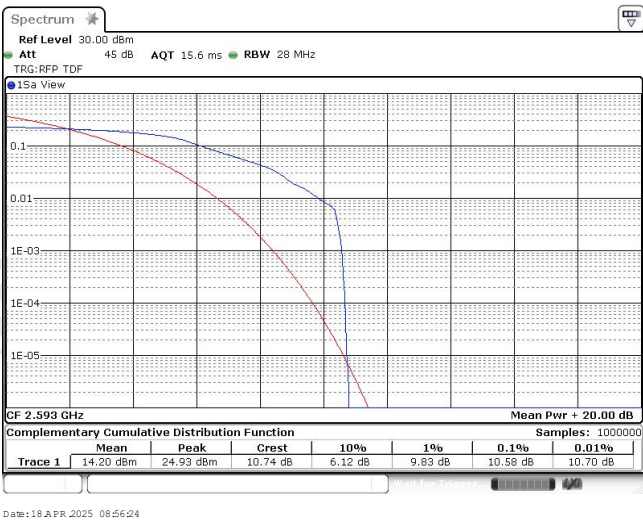
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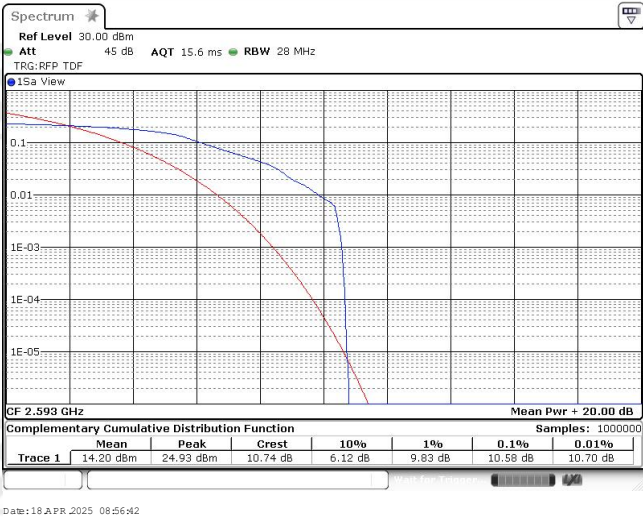
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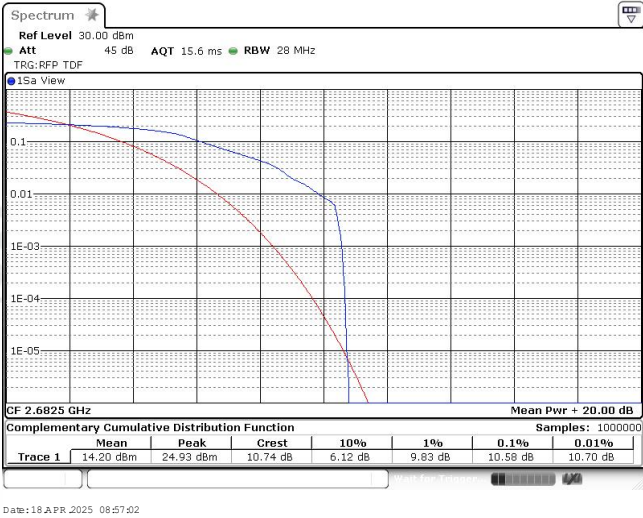
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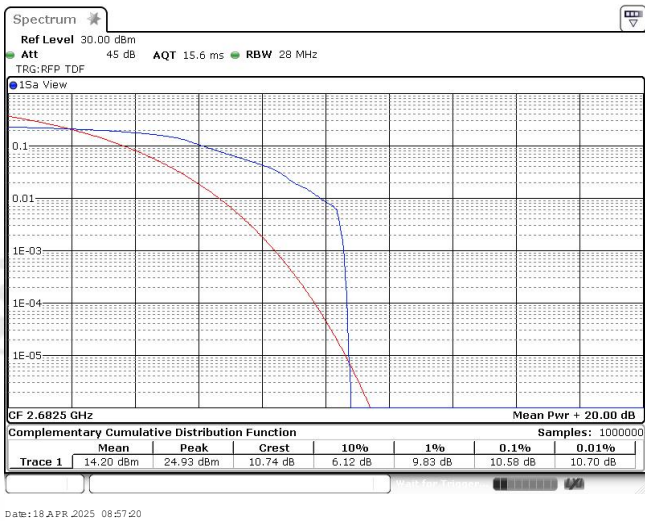
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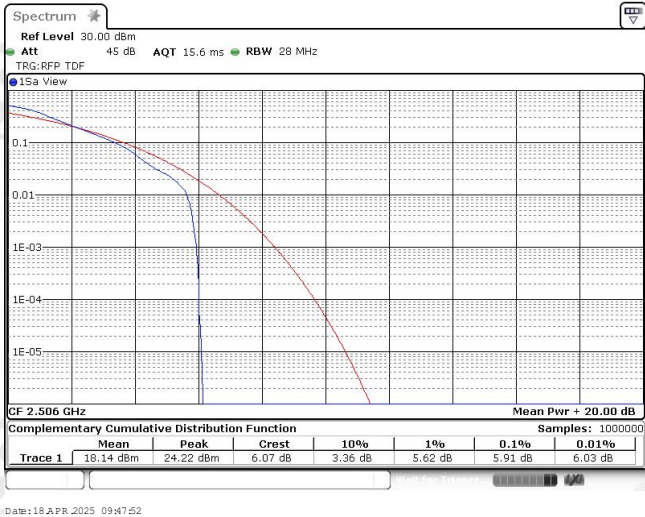
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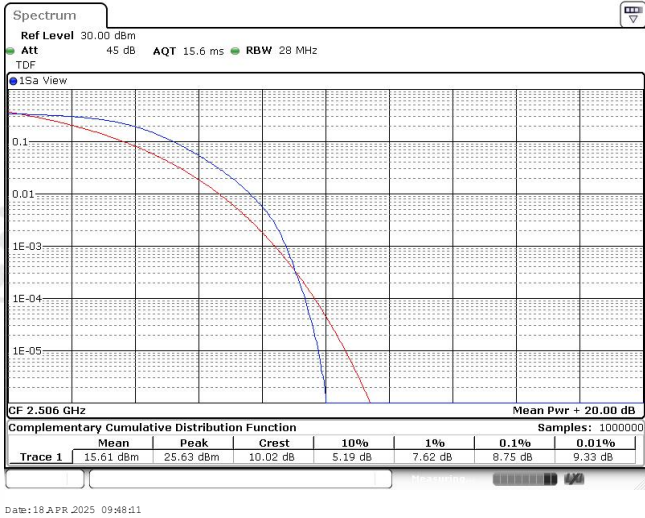
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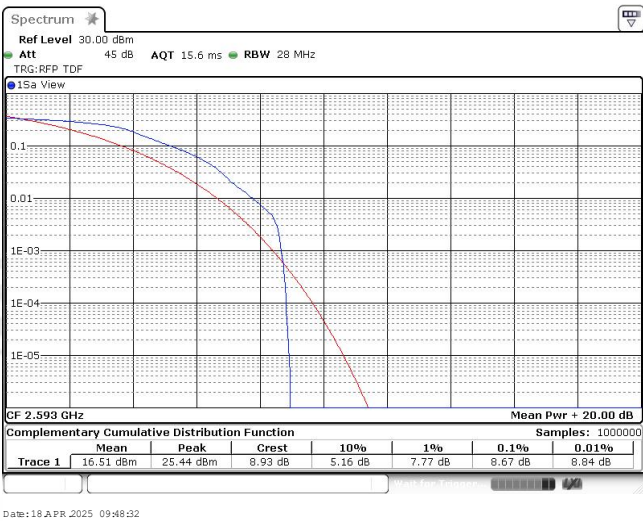
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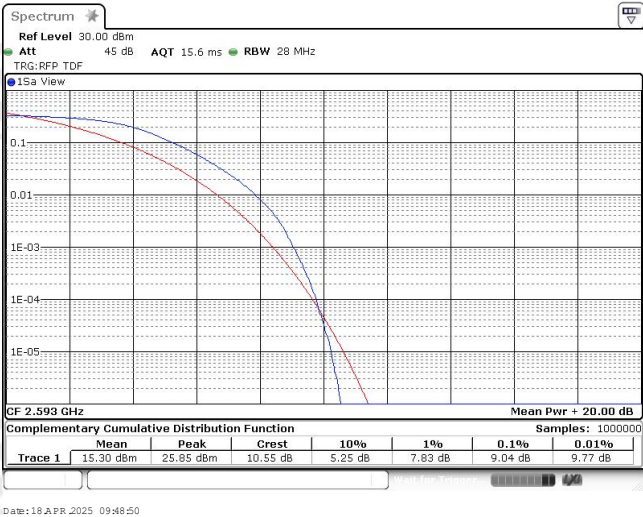
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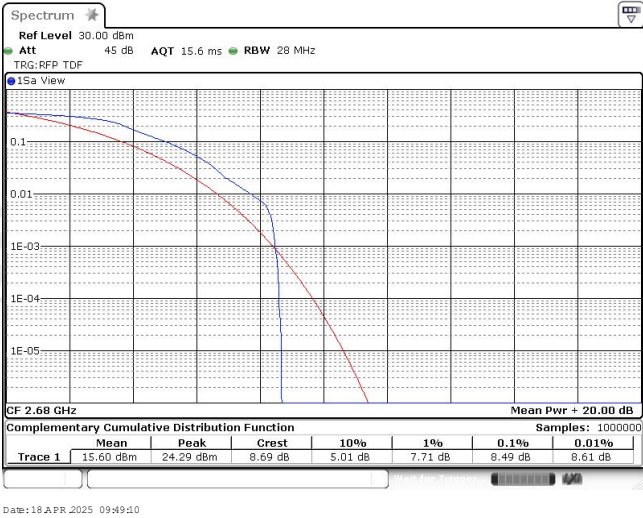
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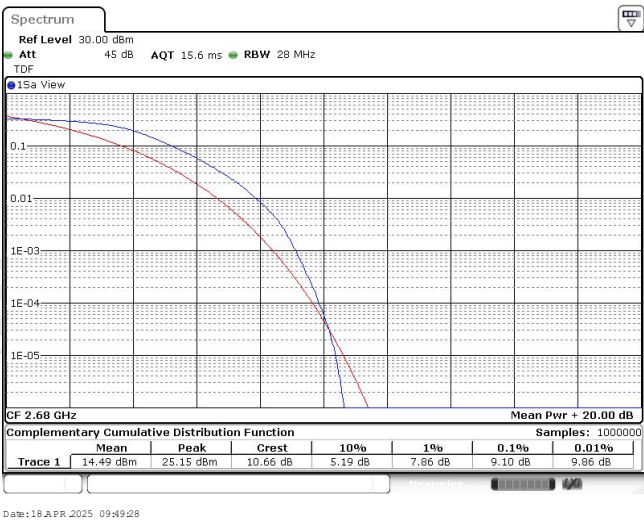
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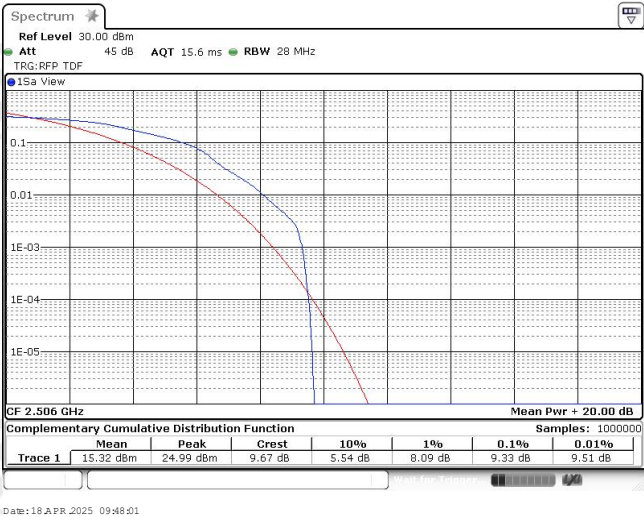
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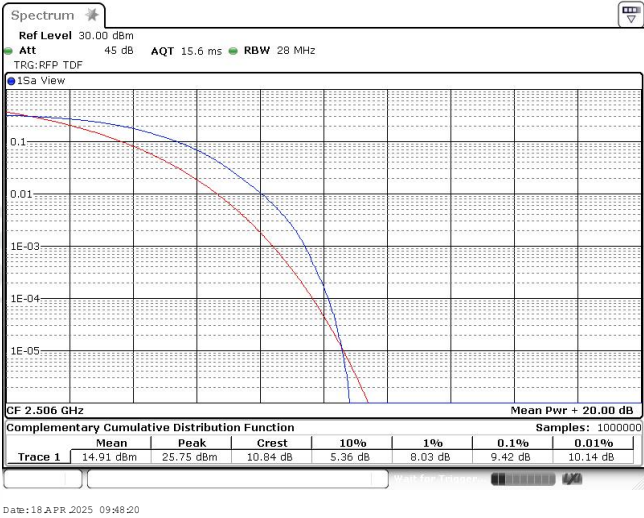
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Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-100RB#0