

Appendix for LTE Band 5

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

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.63	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.71	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.57	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.55	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.52	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.66	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.63	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.35	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.63	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.09	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.21	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.04	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.13	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.22	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.17	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.52	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.48	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.44	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.58	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.66	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.73	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.74	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	23.18	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.17	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.09	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.77	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.21	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.05	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.05	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.05	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.16	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.51	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.41	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.74	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.73	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.72	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.73	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.77	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.38	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.66	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.19	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.51	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.52	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.59	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.14	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.29	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.20	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.24	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.18	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.24	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.20	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.41	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.53	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.64	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.66	PASS

Band5	3MHz	16QAM	20415	8RB#4	21.96	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.75	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.59	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.17	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.63	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.62	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.63	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.71	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.38	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.01	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.49	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.49	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.00	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.98	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.98	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.46	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.93	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.06	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.64	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.70	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.86	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.36	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.51	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.13	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.48	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.48	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.34	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.30	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.16	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.12	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.09	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.34	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.29	PASS

Band5	5MHz	QPSK	20625	12RB#13	22.19	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.21	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.46	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.66	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.87	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.44	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.44	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.98	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.61	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.30	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.42	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.63	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.30	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.20	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.15	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.46	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.98	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.02	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.95	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.06	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.11	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.03	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.96	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.14	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.88	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.34	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.88	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.78	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.11	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.33	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.66	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.63	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.51	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.51	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.35	PASS

Band5	10MHz	QPSK	20525	50RB#0	23.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.44	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.74	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.03	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.78	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.83	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.17	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.53	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.49	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.33	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.43	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.84	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.84	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.38	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.98	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.16	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.80	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.63	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.56	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.55	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.38	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.36	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.37	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.77	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.52	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.92	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.87	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.24	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.68	PASS

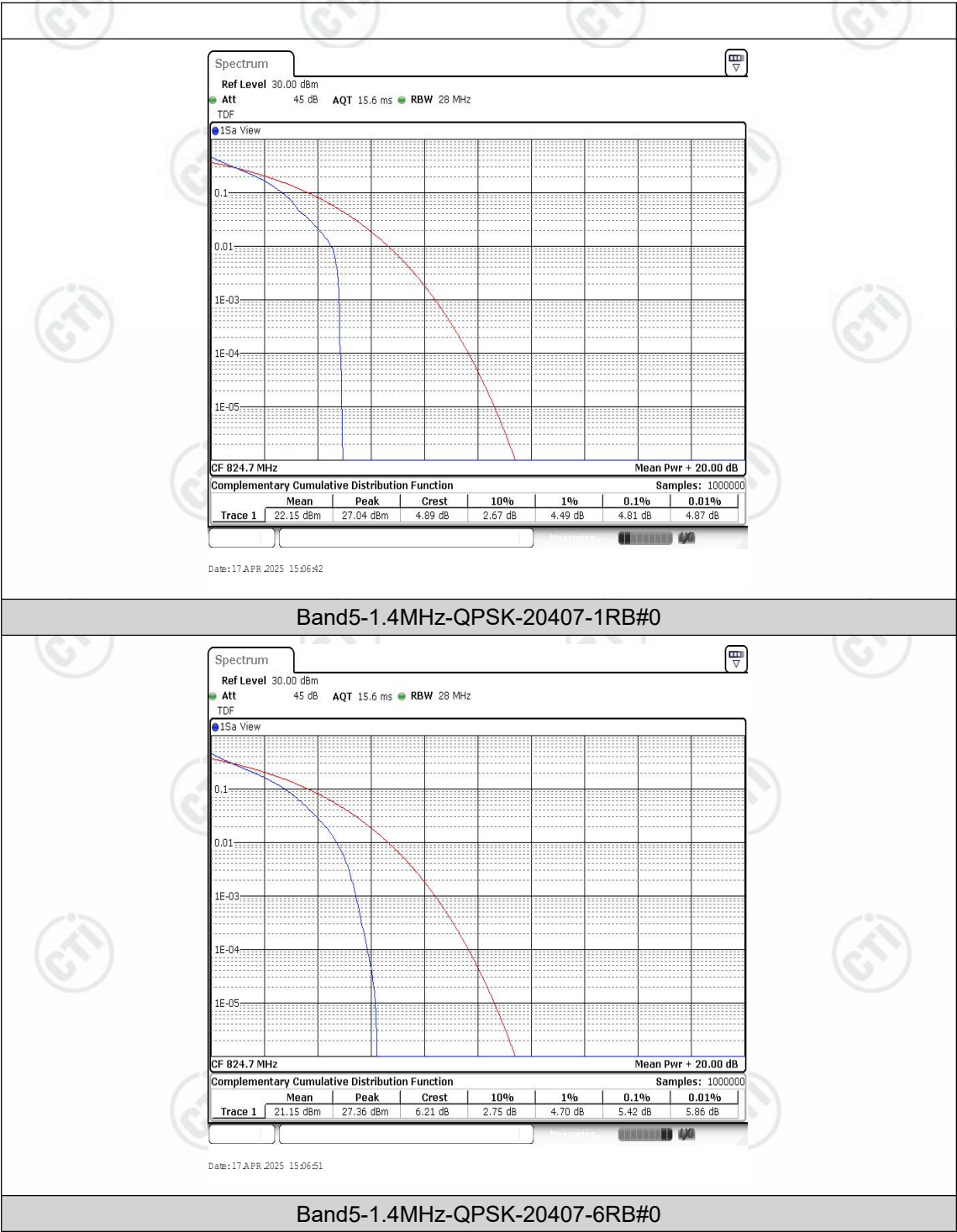
Appendix B: Peak-to-Average Ratio(CCDF)

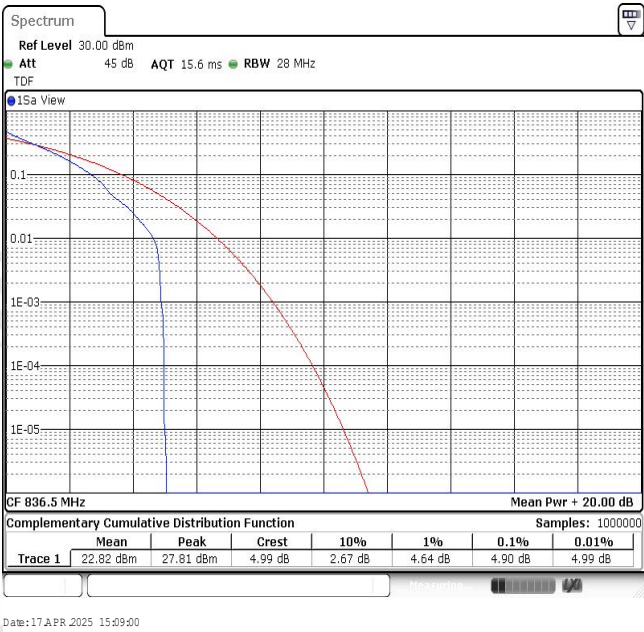
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.81	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.42	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.48	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.64	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.30	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.94	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.38	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.97	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.38	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.20	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.87	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.57	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.93	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.59	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.55	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.28	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.83	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.41	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.06	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.43	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.14	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.84	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.54	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.54	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.55	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.38	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.88	13	PASS

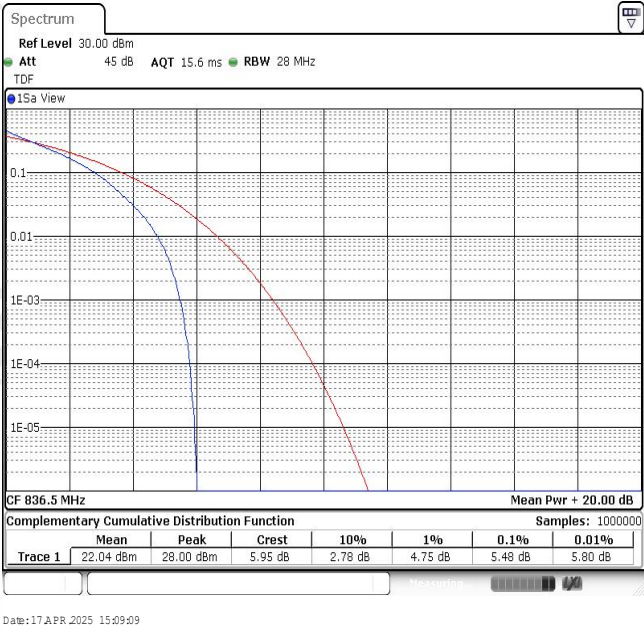
Band5	5MHz	16QAM	20525	25RB#0	6.41	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.48	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.20	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.84	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.42	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.81	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.45	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.72	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.30	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.32	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.35	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.20	13	PASS

Test Graphs

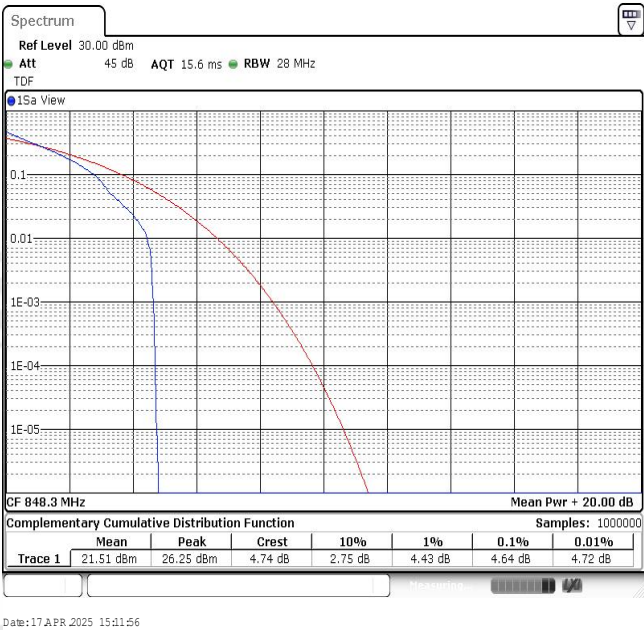




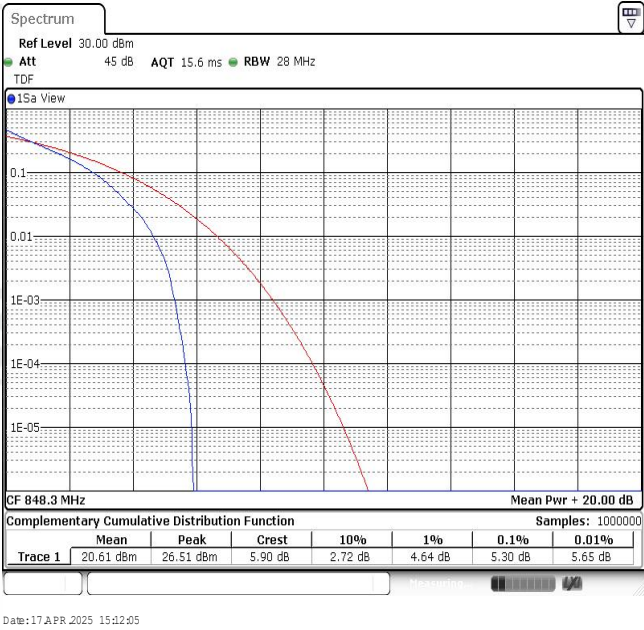
Band5-1.4MHz-QPSK-20525-1RB#0



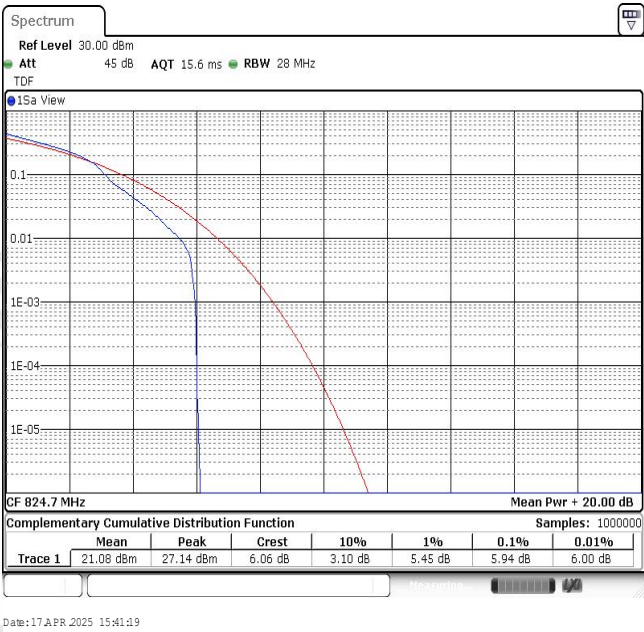
Band5-1.4MHz-QPSK-20525-6RB#0



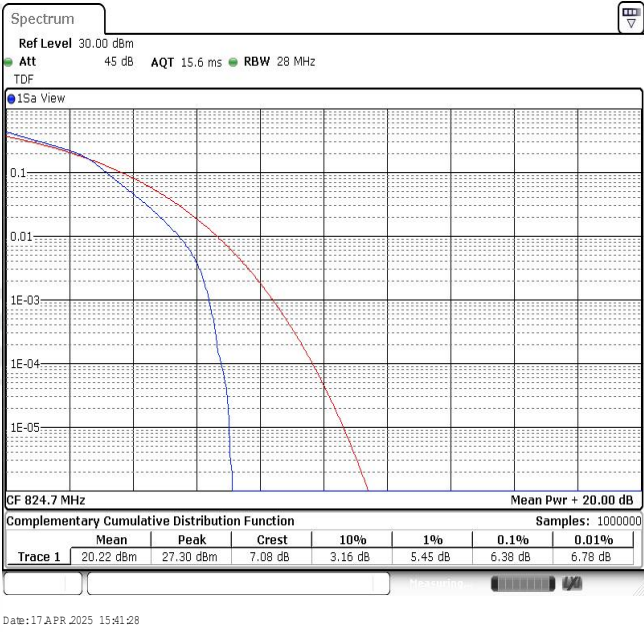
Band5-1.4MHz-QPSK-20643-1RB#0



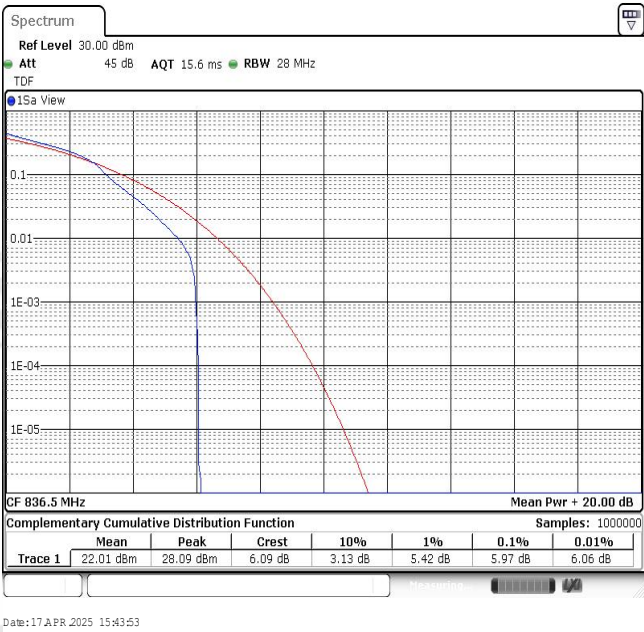
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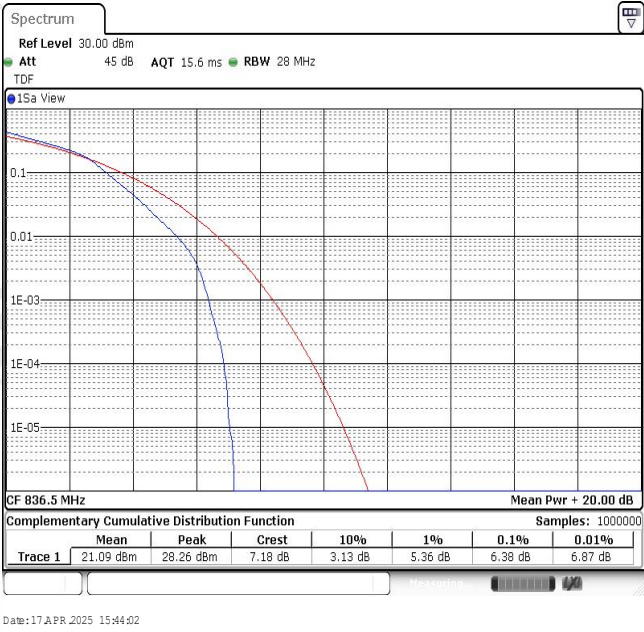
Band5-1.4MHz-16QAM-20407-1RB#0



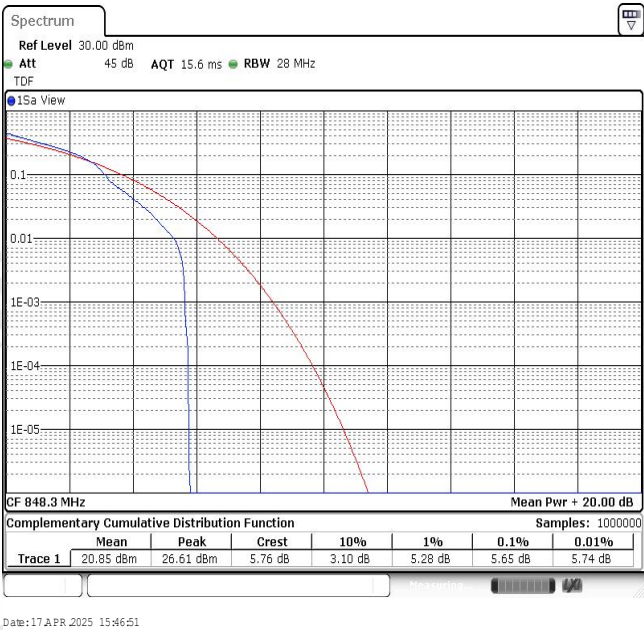
Band5-1.4MHz-16QAM-20407-6RB#0



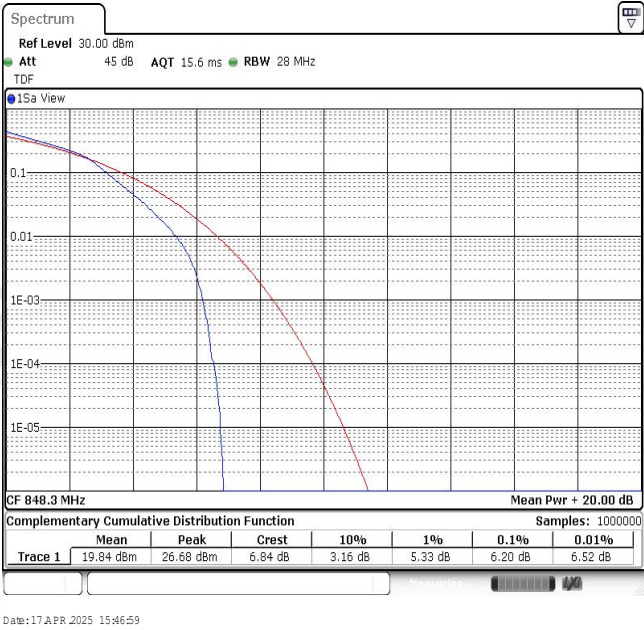
Band5-1.4MHz-16QAM-20525-1RB#0



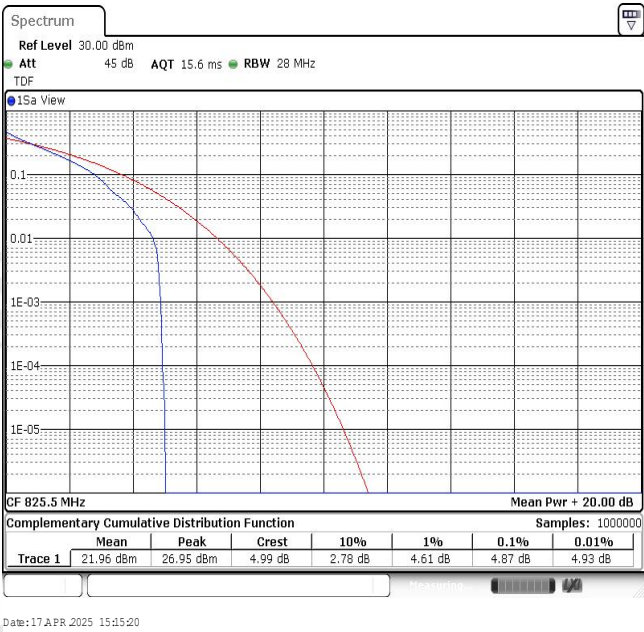
Band5-1.4MHz-16QAM-20525-6RB#0



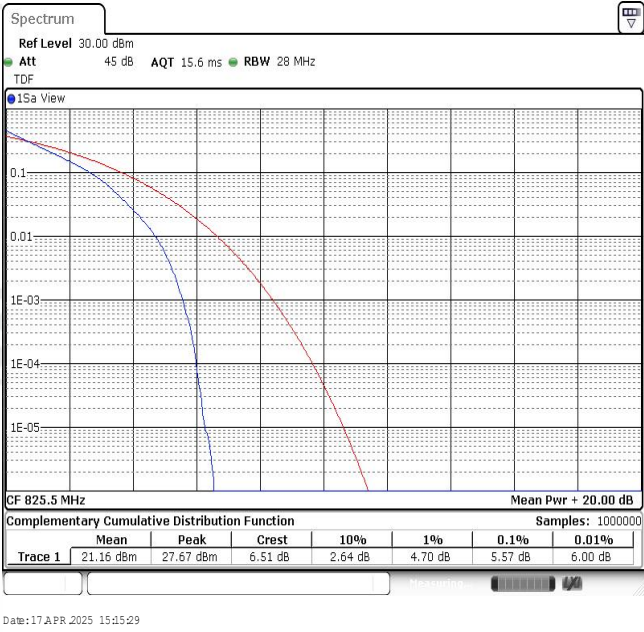
Band5-1.4MHz-16QAM-20643-1RB#0



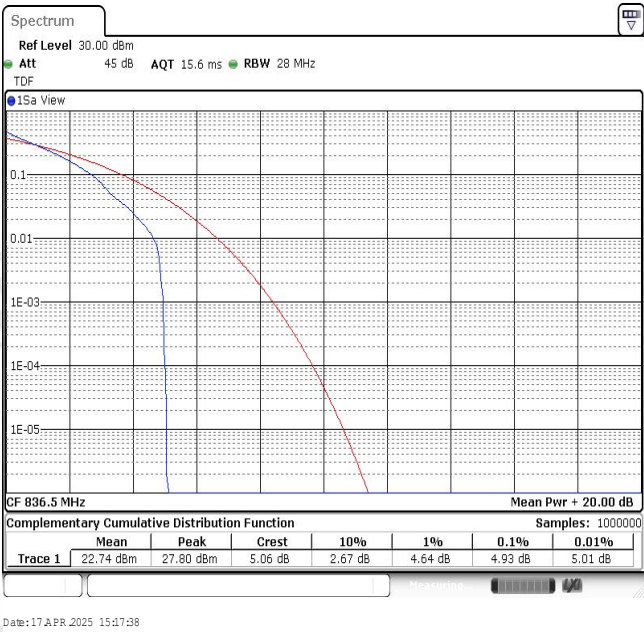
Band5-1.4MHz-16QAM-20643-6RB#0



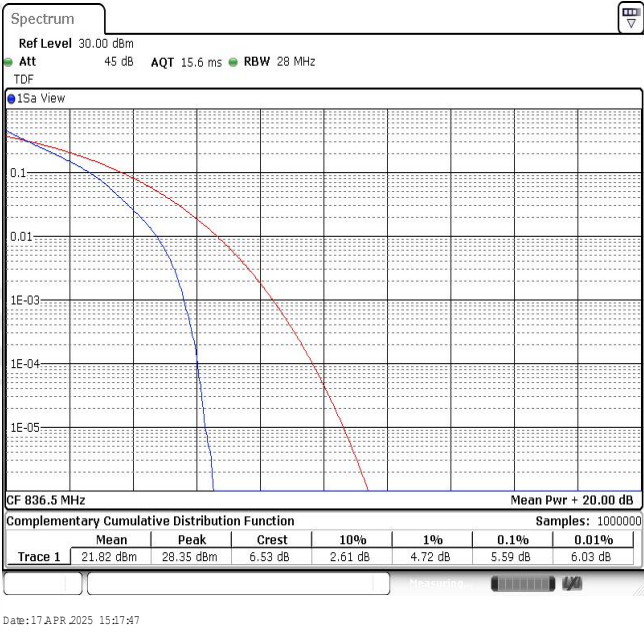
Band5-3MHz-QPSK-20415-1RB#0



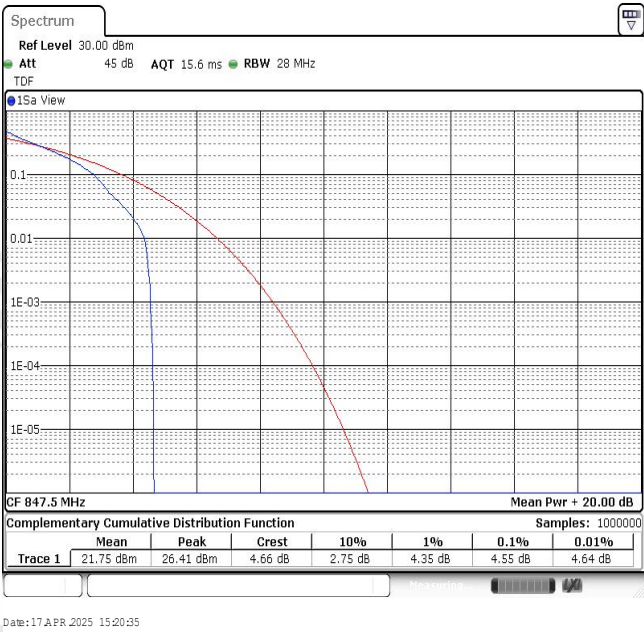
Band5-3MHz-QPSK-20415-15RB#0



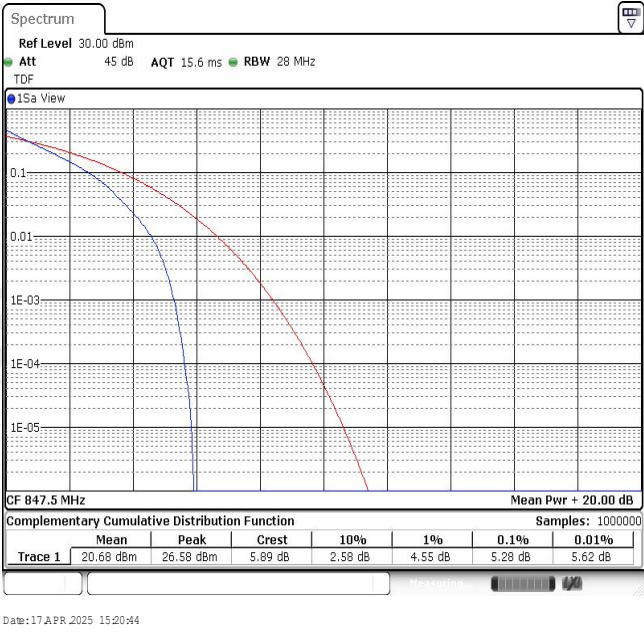
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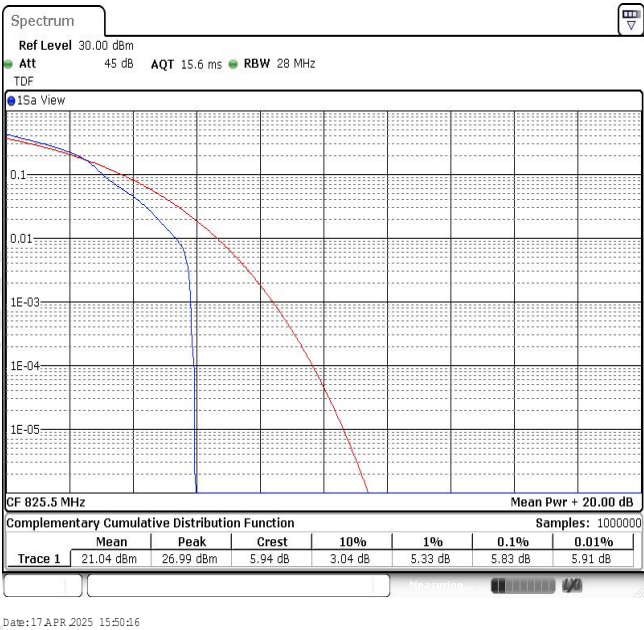
Band5-3MHz-QPSK-20525-15RB#0



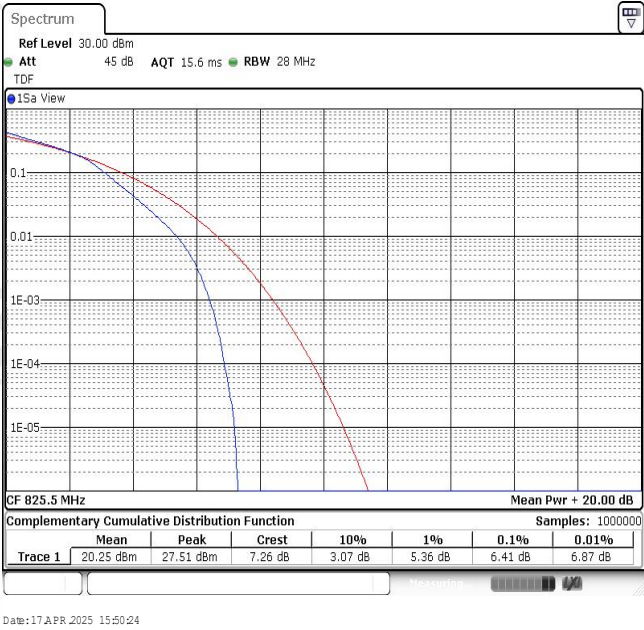
Band5-3MHz-QPSK-20635-1RB#0



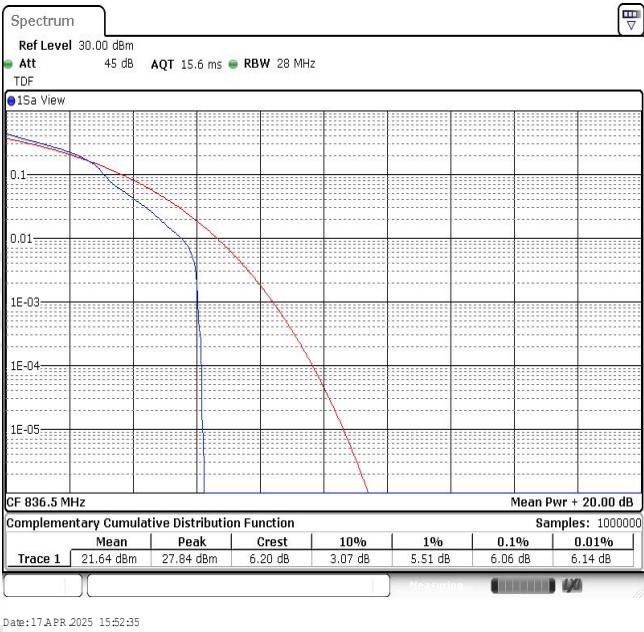
Band5-3MHz-QPSK-20635-15RB#0



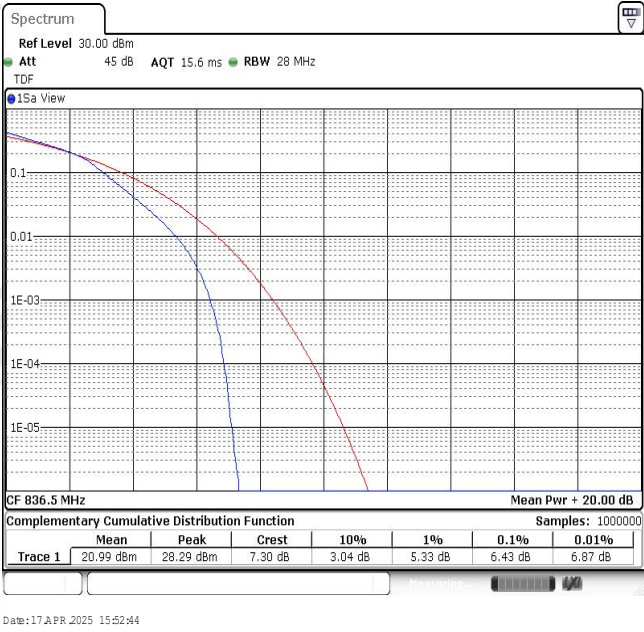
Band5-3MHz-16QAM-20415-1RB#0



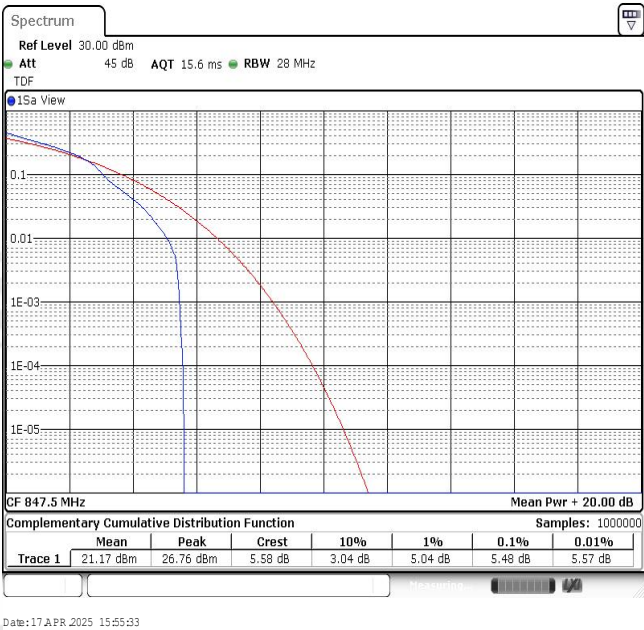
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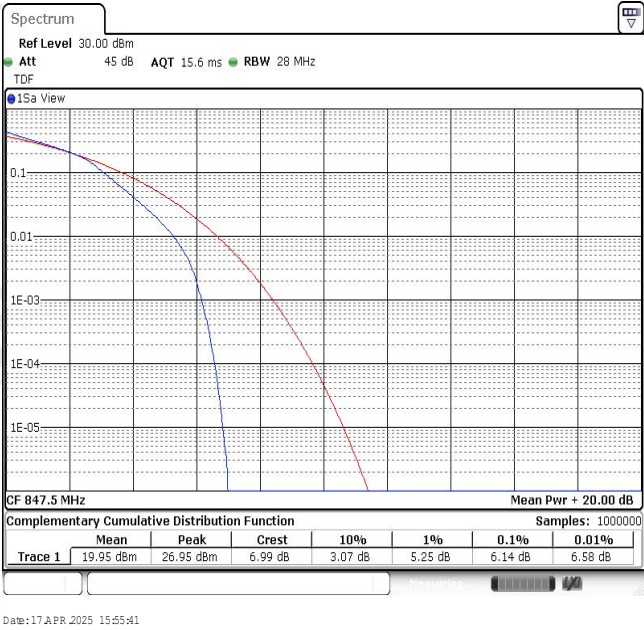
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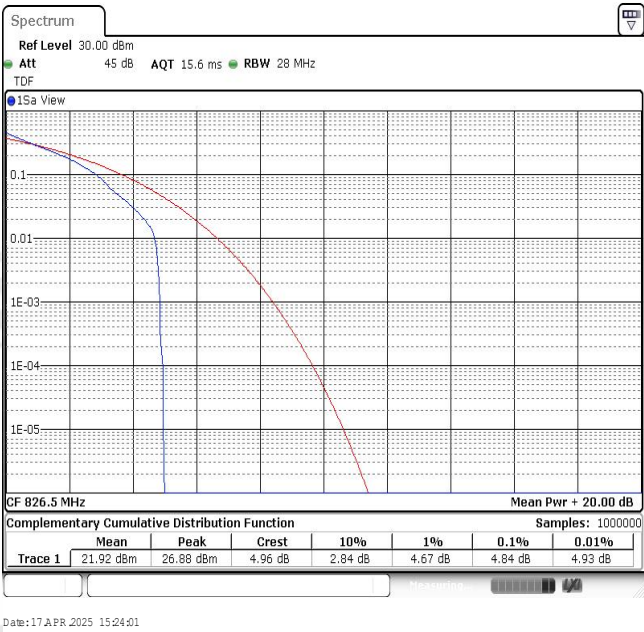
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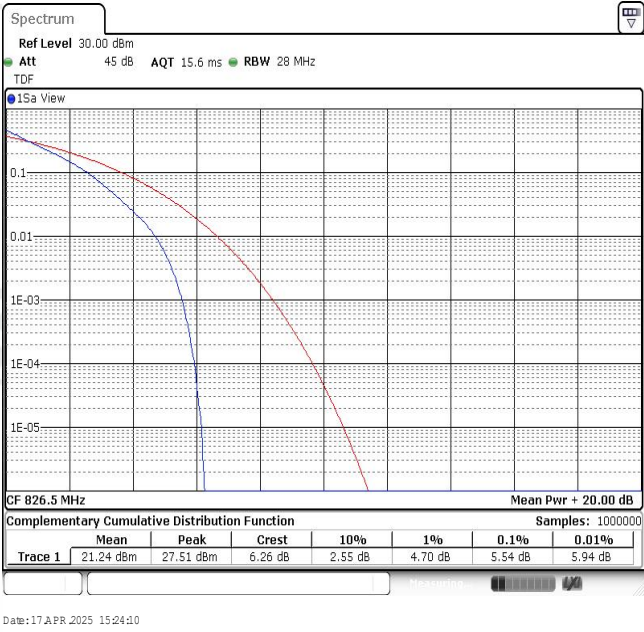
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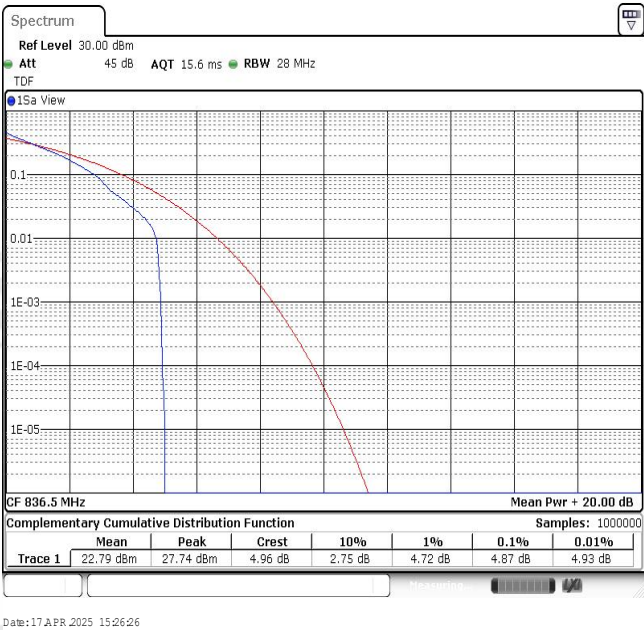
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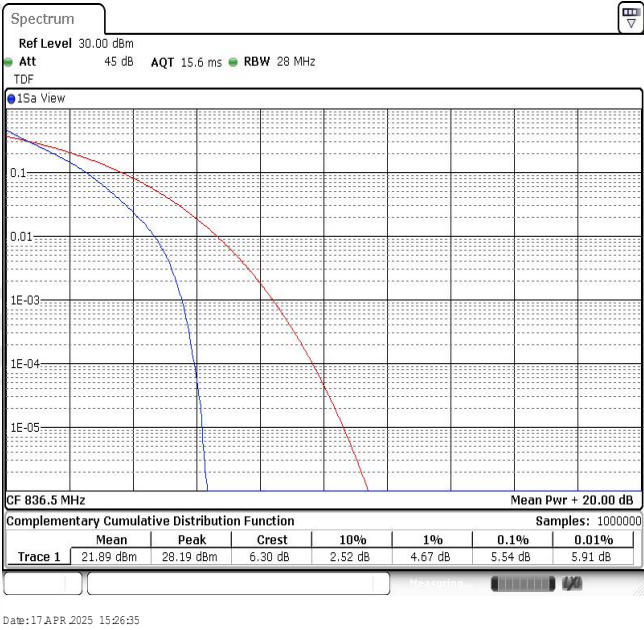
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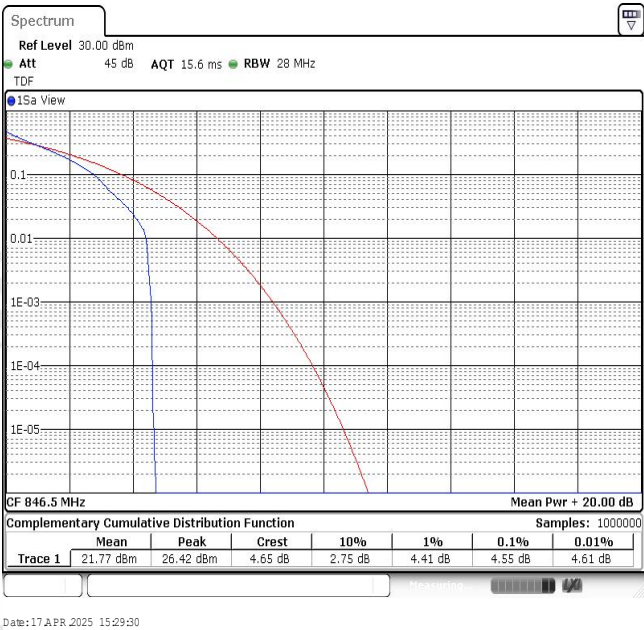
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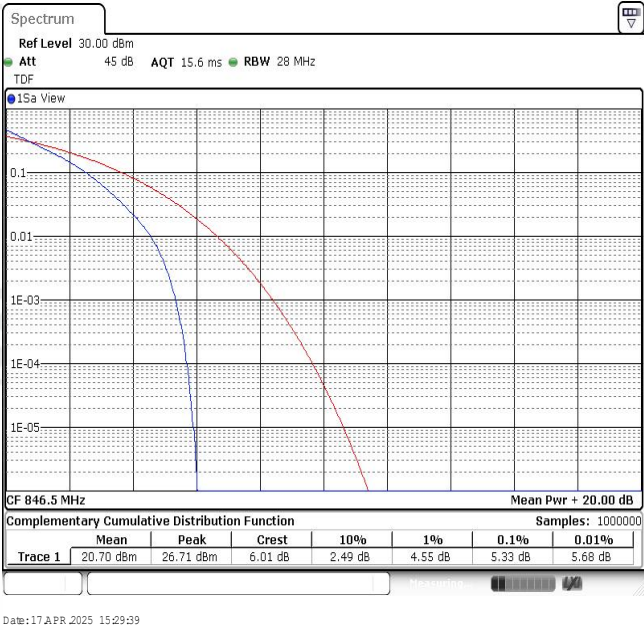
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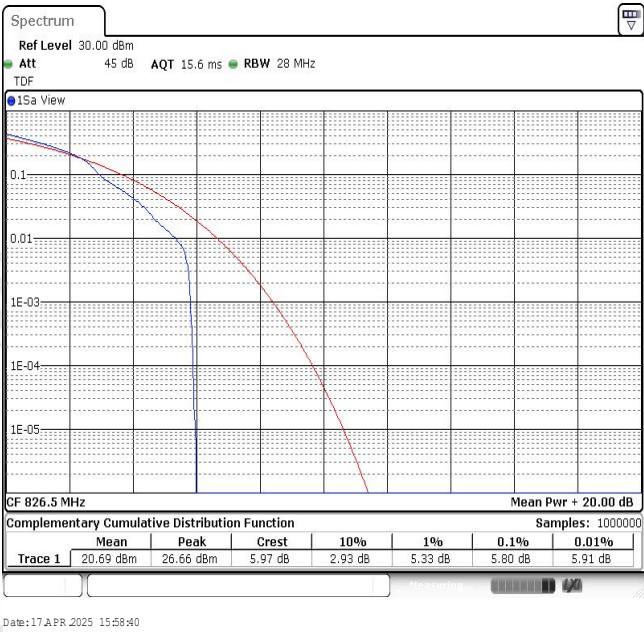
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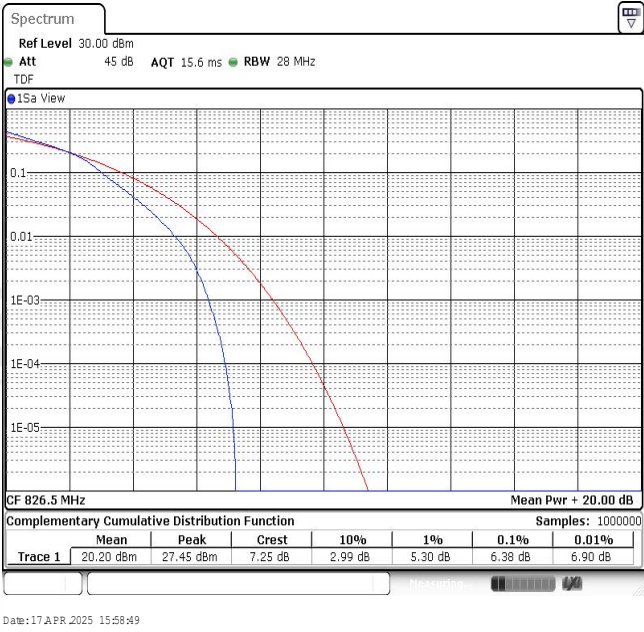
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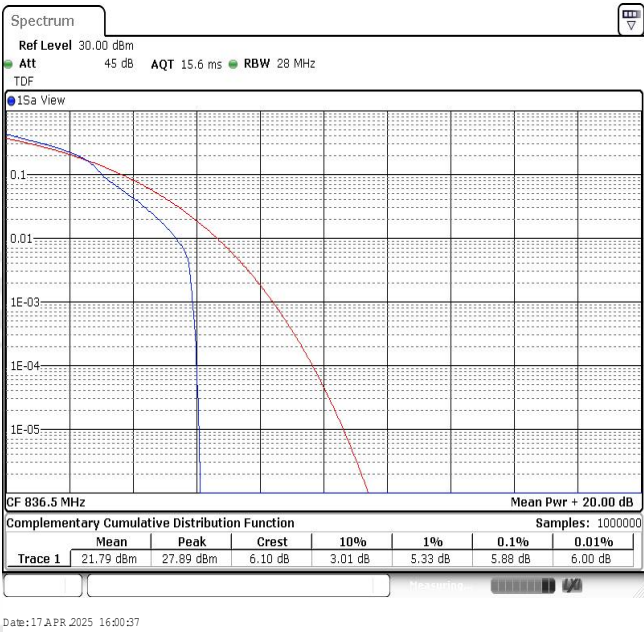
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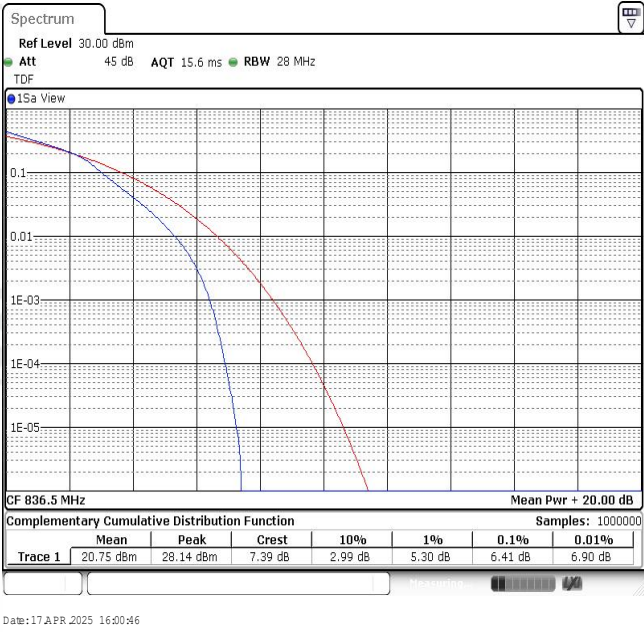
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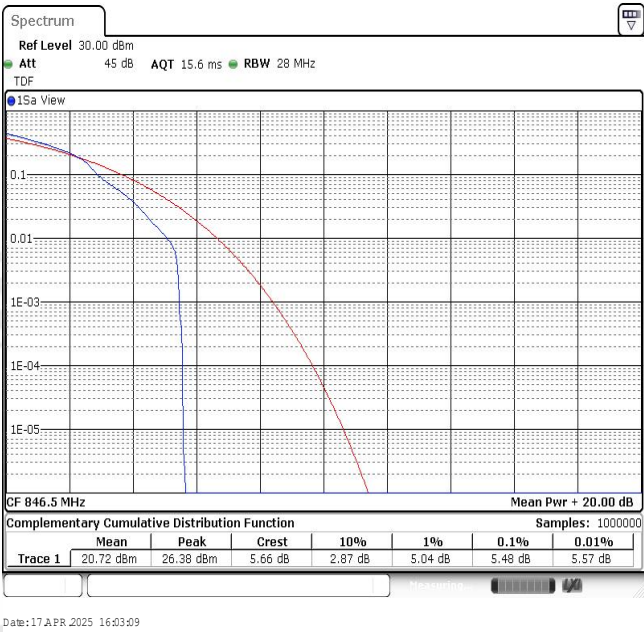
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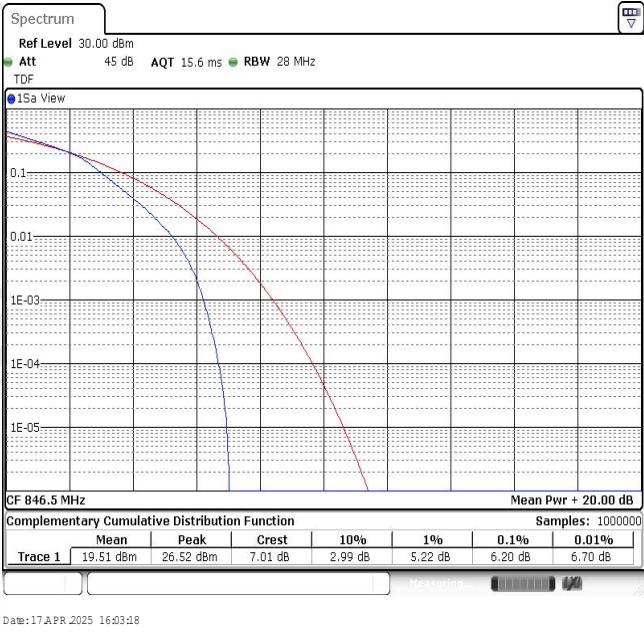
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