



CTC Laboratories, Inc.

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Appendix for LTE band 5

**Applicant: HONGKONG UCLOUDLINK NETWORK
TECHNOLOGY LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788
Cheung Sha Wan Road, Kowloon, Hong Kong**

Product Name: 5G Wireless Data Terminal

Model: GLMU21A01

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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	24.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.57	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.48	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.50	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.53	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.57	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.65	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.49	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.53	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.54	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.22	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.02	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.91	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.97	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.92	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.73	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.52	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.54	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.56	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.33	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.50	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	24.44	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.46	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	24.51	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.40	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.73	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.94	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.81	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.94	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.67	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.67	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.63	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.85	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.76	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.78	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.73	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.55	PASS
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Band5	3MHz	QPSK	20525	8RB#4	23.53	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.77	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.23	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.03	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.39	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.02	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.88	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.22	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.80	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.79	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.63	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.81	PASS
Band5	3MHz	16QAM	20415	8RB#4	23.81	PASS

Band5	3MHz	16QAM	20415	8RB#7	23.75	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.75	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.57	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.50	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.49	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.46	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.52	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.48	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.49	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.49	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.03	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.87	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.40	PASS
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Band5	5MHz	QPSK	20425	12RB#13	23.69	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.69	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.65	PASS
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Band5	5MHz	QPSK	20525	12RB#6	23.61	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.64	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.56	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.83	PASS
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Band5	5MHz	QPSK	20625	1RB#24	24.88	PASS
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Band5	5MHz	QPSK	20625	12RB#6	24.05	PASS
Band5	5MHz	QPSK	20625	12RB#13	24.06	PASS
Band5	5MHz	QPSK	20625	25RB#0	24.02	PASS

Band5	5MHz	16QAM	20425	1RB#0	23.68	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.76	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.57	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.63	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.68	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.69	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.68	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.63	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.74	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.65	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.59	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.59	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.68	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.62	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.86	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.93	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.81	PASS
Band5	5MHz	16QAM	20625	12RB#0	24.06	PASS
Band5	5MHz	16QAM	20625	12RB#6	24.01	PASS
Band5	5MHz	16QAM	20625	12RB#13	24.08	PASS
Band5	5MHz	16QAM	20625	25RB#0	23.01	PASS
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Band5	10MHz	QPSK	20450	1RB#24	24.61	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.59	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.60	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.60	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.65	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.70	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.51	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.52	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.60	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.60	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.67	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.65	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.78	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.78	PASS

Band5	10MHz	QPSK	20600	1RB#49	24.81	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.96	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.91	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.98	PASS
Band5	10MHz	QPSK	20600	50RB#0	24.02	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.53	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.60	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.59	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.59	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.71	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.30	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.34	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.32	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.56	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.59	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.69	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.60	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.93	PASS
Band5	10MHz	16QAM	20600	1RB#24	24.03	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.94	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.90	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.92	PASS
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Band5	10MHz	16QAM	20600	50RB#0	22.94	PASS

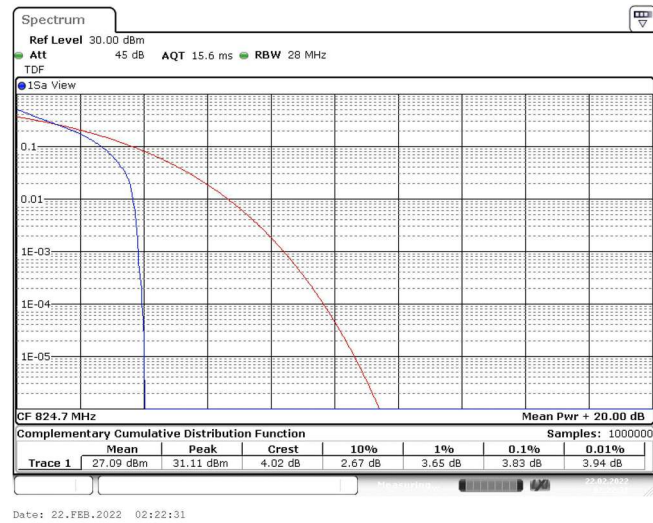
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

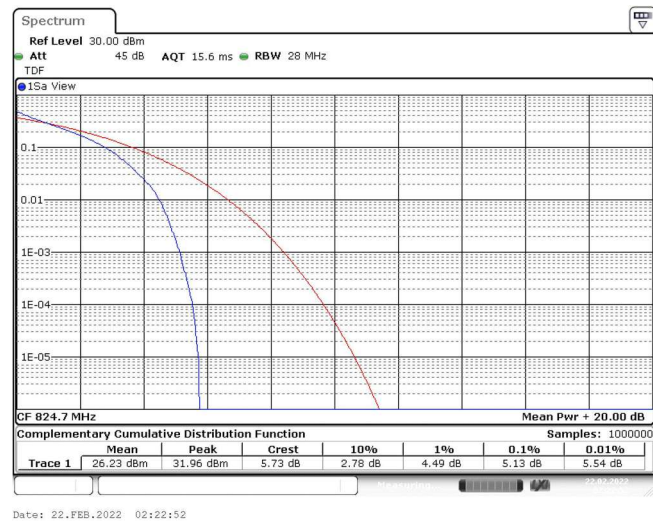
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	3.83	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.13	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3.54	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.84	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.71	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.01	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.12	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.04	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.80	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.36	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.91	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	3.59	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.04	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	3.36	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.81	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.36	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.90	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.94	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.01	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.74	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.96	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.80	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	3.59	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.99	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3.30	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.84	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.19	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.43	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.83	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.64	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.65	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.58	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	3.62	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.72	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.16	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.81	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.45	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.78	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.33	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.78	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.74	13	PASS
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Band5	10MHz	16QAM	20600	50RB#0	5.68	13	PASS

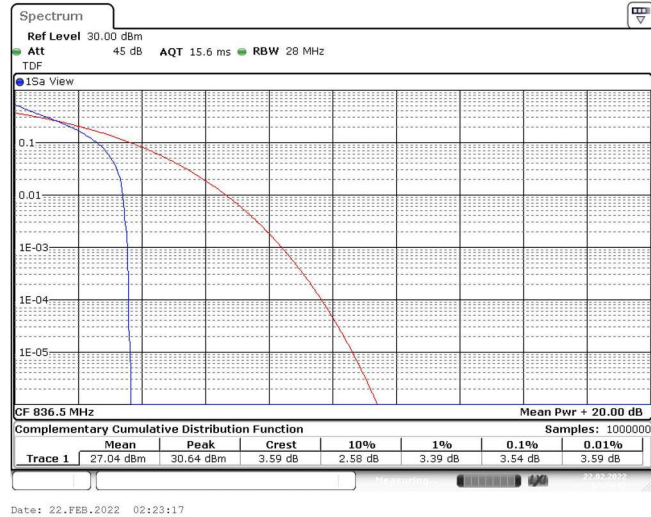
Test Graphs



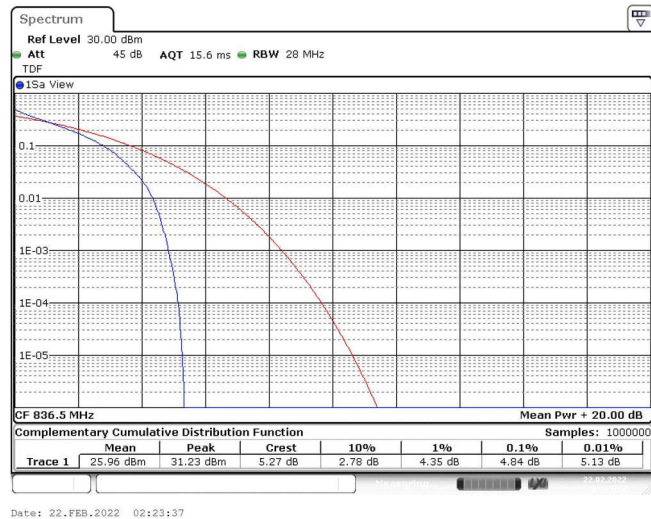
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Band5-1.4MHz-QPSK-20407-6RB#0



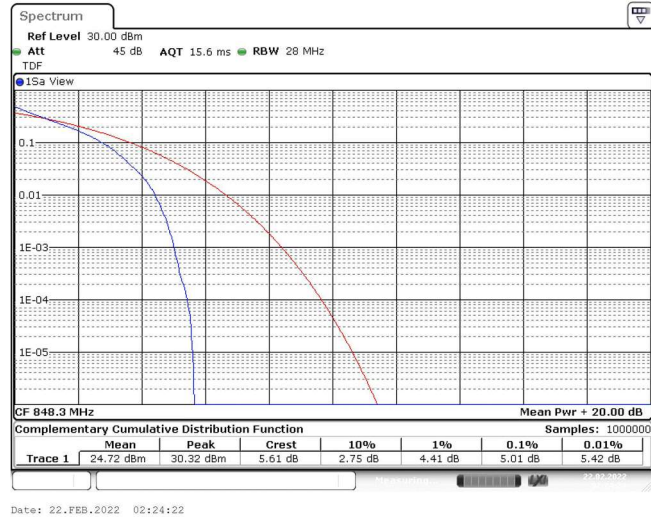
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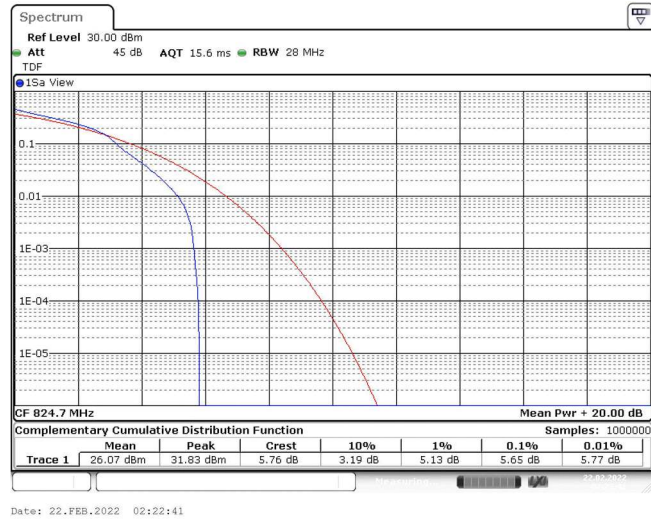
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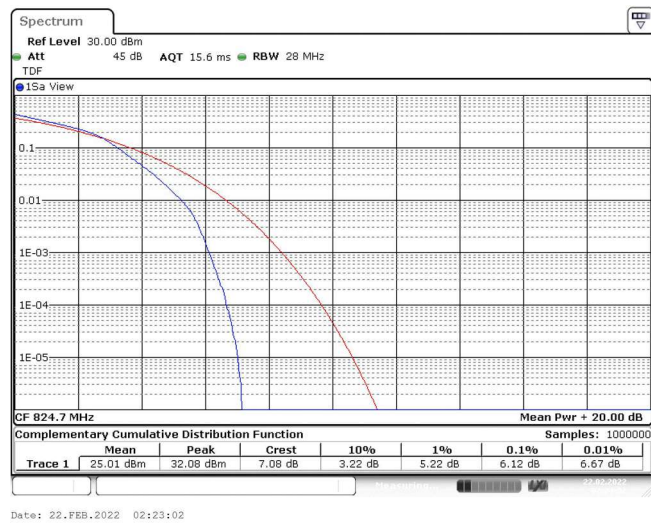
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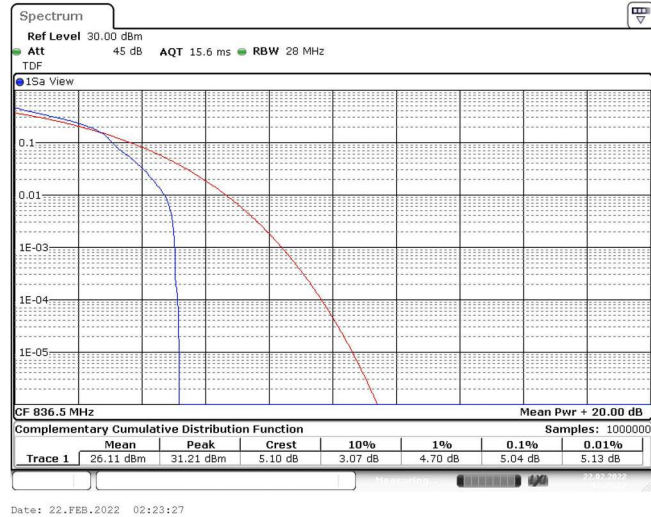
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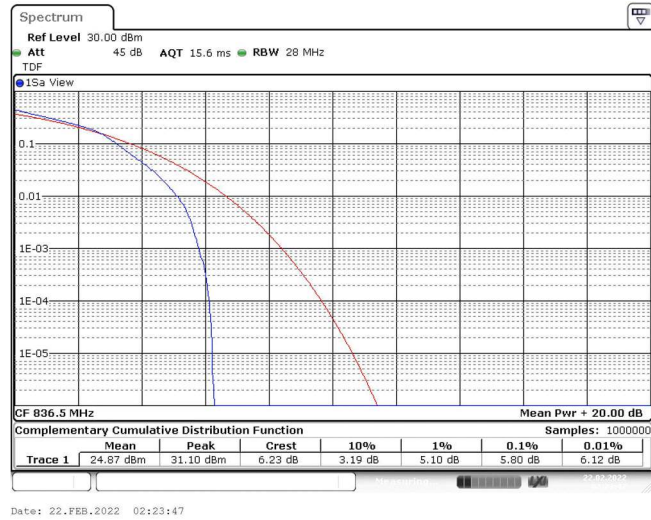
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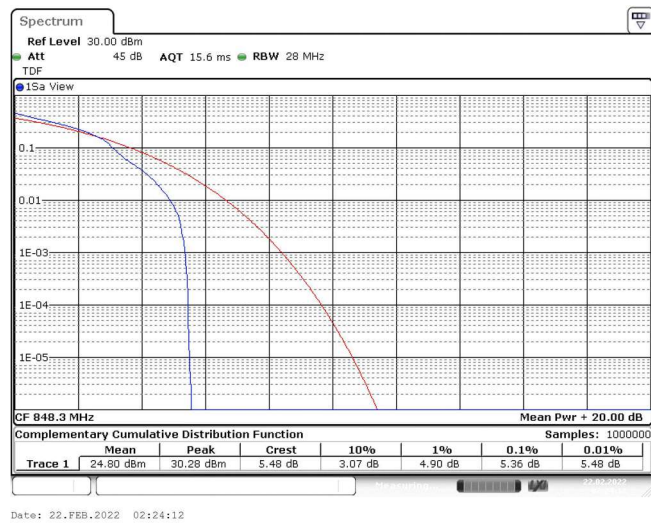
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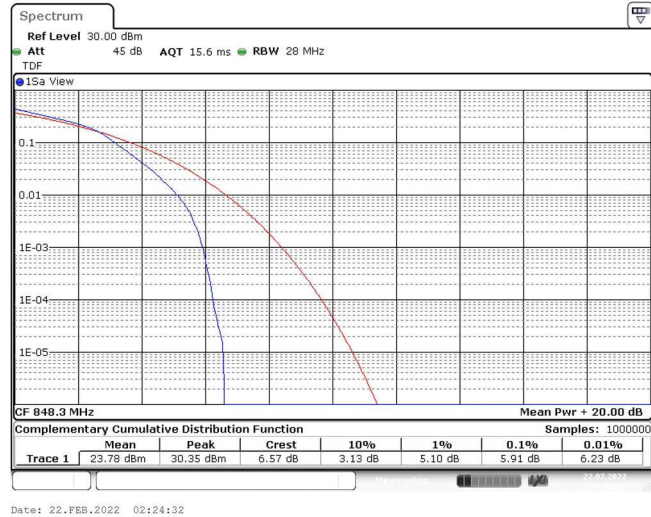
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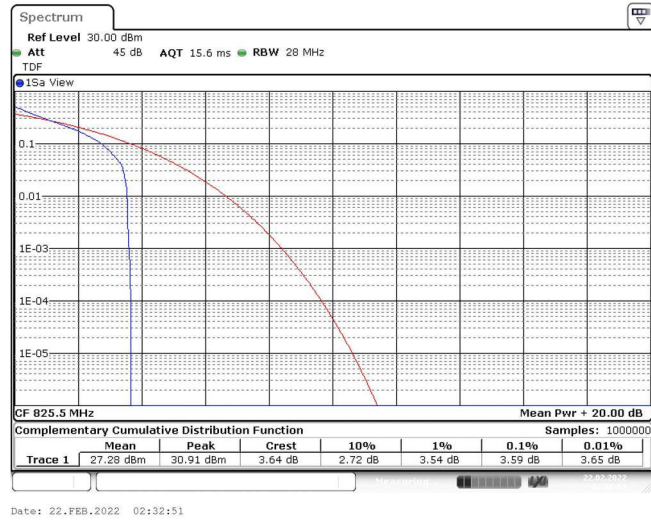
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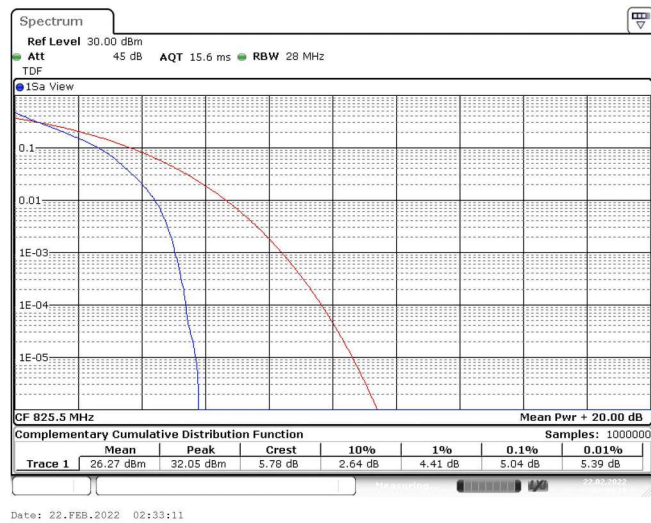
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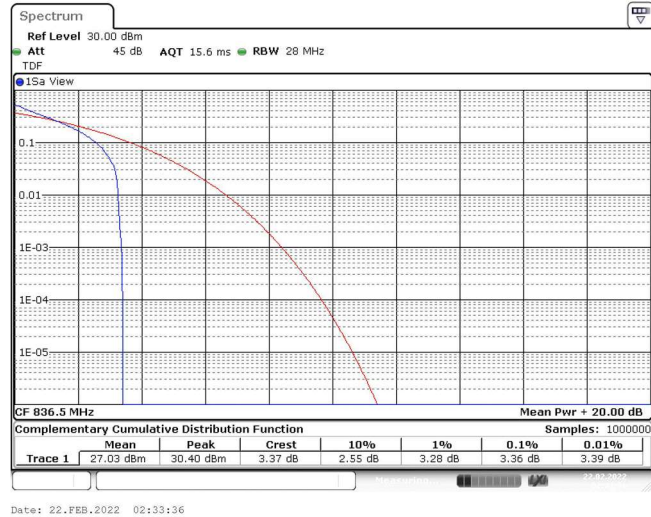
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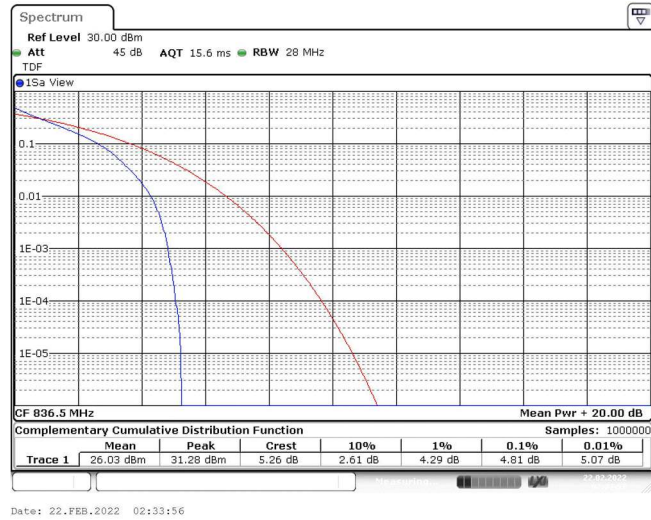
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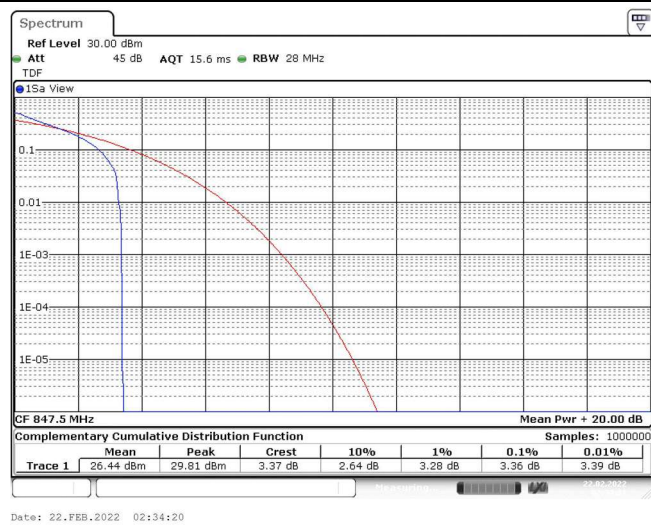
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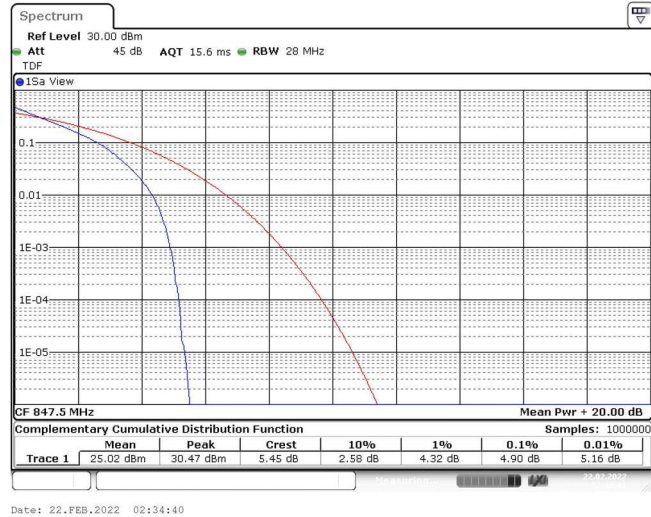
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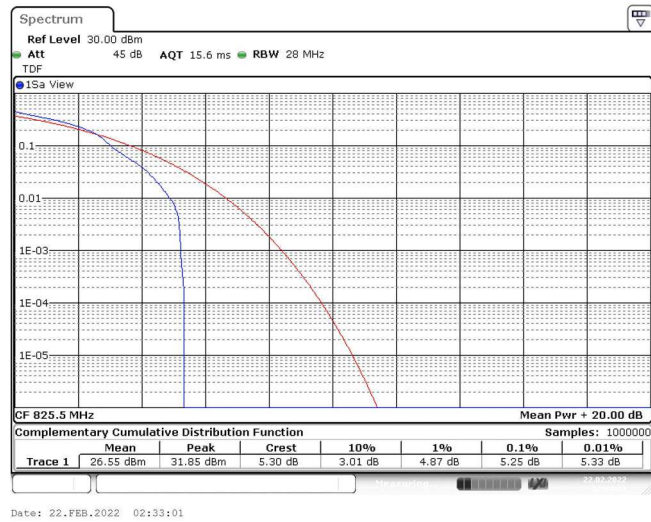
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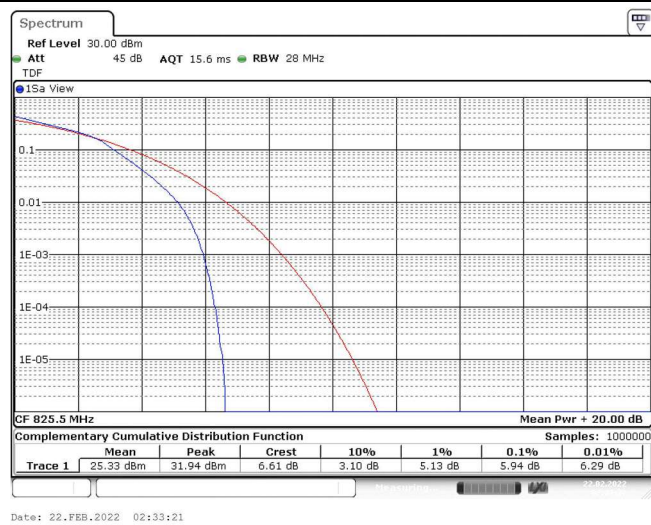
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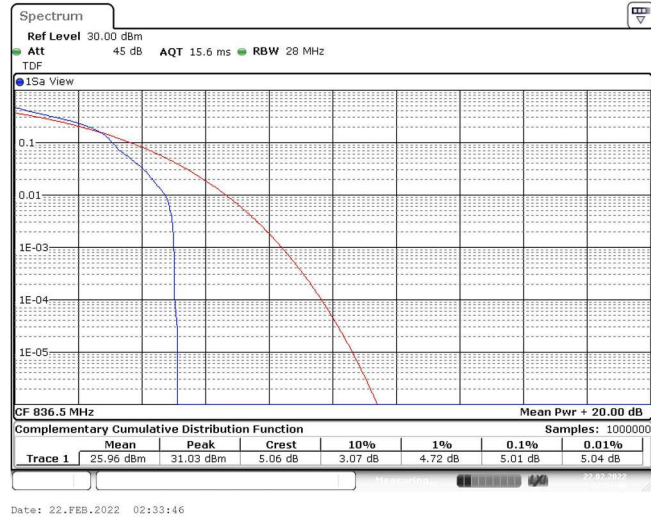
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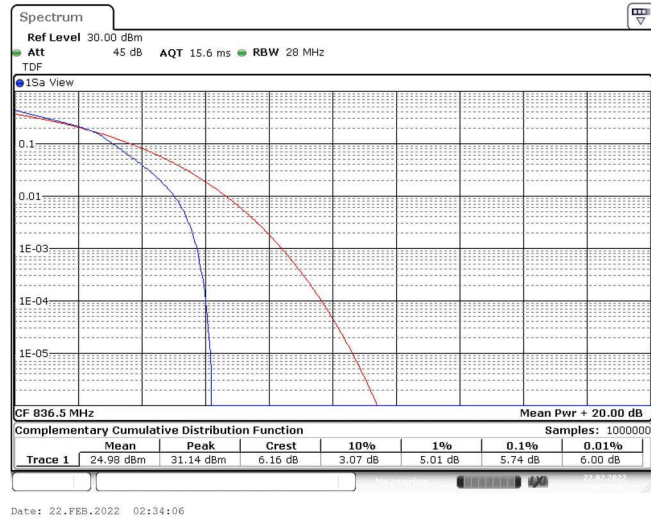
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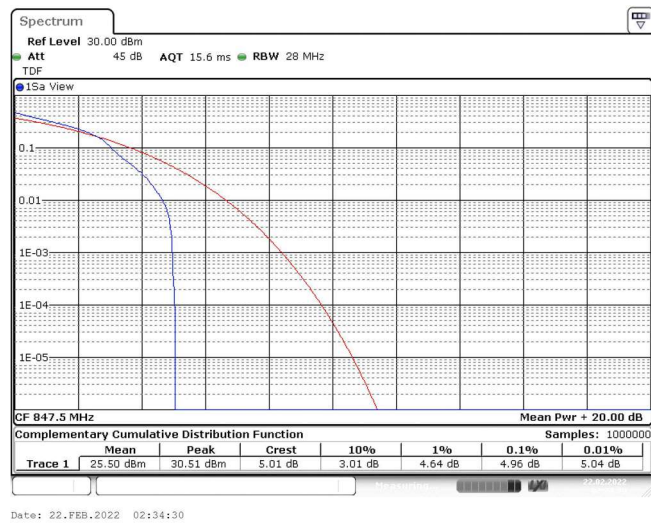
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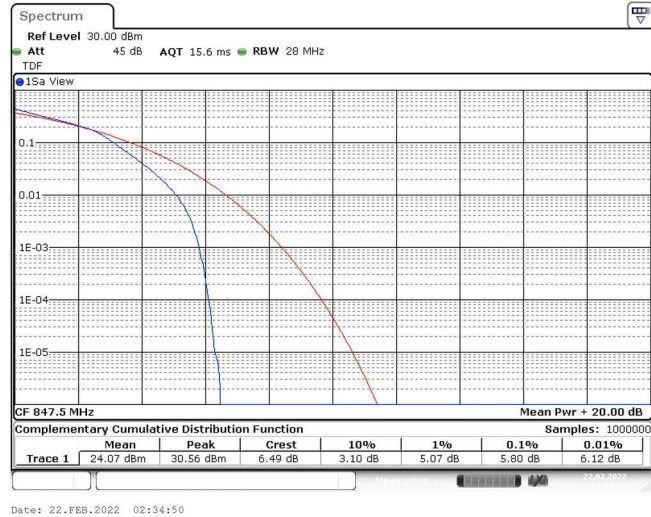
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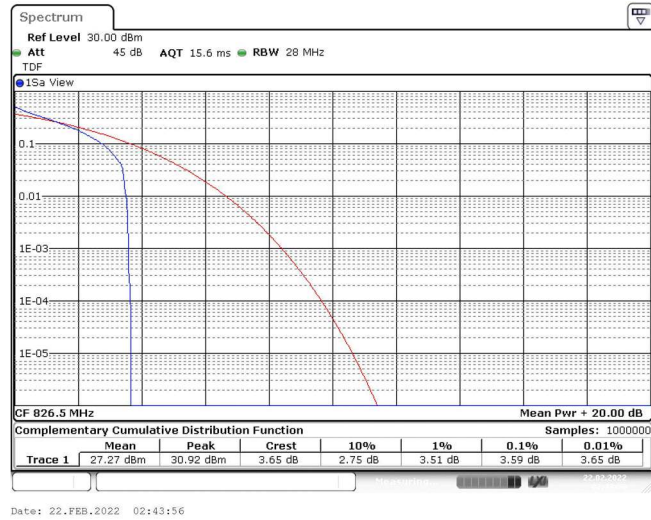
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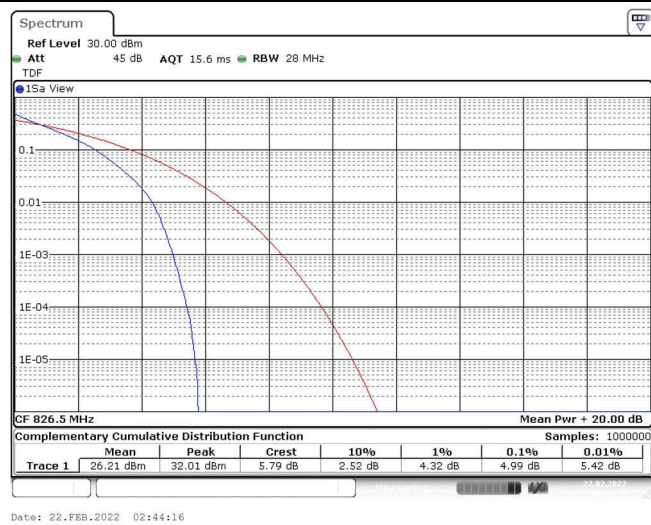
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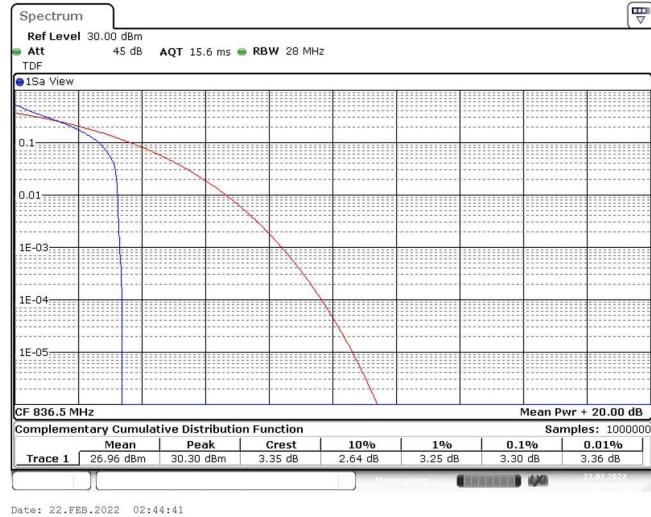
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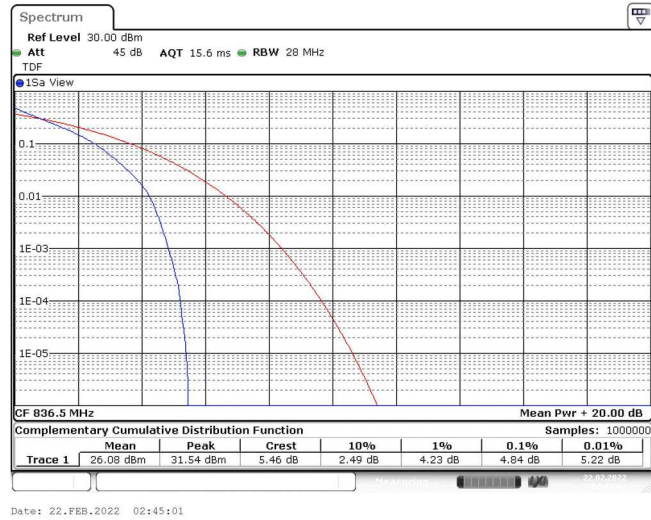
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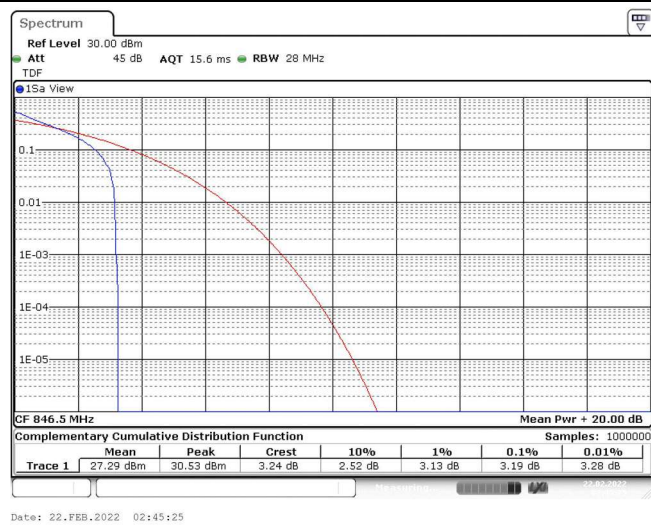
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Band5-5MHz-QPSK-20525-1RB#0



Band5-5MHz-QPSK-20525-25RB#0



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