

Appendix for WCMDA Band2/4/5

Product Name: Smart Phone

Model No: X62

Appendix A: Average Power Output Data

Test Result

WCDMA

Band	Channel	Power(dBm)	Verdict
Band2	9262	22.66	PASS
Band2	9400	22.47	PASS
Band2	9538	22.36	PASS
Band4	1312	22.66	PASS
Band4	1412	22.48	PASS
Band4	1513	22.66	PASS
Band5	4132	22.98	PASS
Band5	4183	23.10	PASS
Band5	4233	23.11	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	Verdict
Band2	9262	1	21.54	PASS
Band2	9262	2	20.94	PASS
Band2	9262	3	20.98	PASS
Band2	9262	4	21.02	PASS
Band2	9400	1	21.32	PASS
Band2	9400	2	20.77	PASS
Band2	9400	3	20.85	PASS
Band2	9400	4	20.87	PASS
Band2	9538	1	21.22	PASS
Band2	9538	2	20.65	PASS
Band2	9538	3	20.77	PASS
Band2	9538	4	20.67	PASS
Band4	1312	1	21.79	PASS
Band4	1312	2	21.13	PASS
Band4	1312	3	21.22	PASS
Band4	1312	4	21.08	PASS
Band4	1412	1	21.50	PASS
Band4	1412	2	20.97	PASS
Band4	1412	3	21.00	PASS
Band4	1412	4	21.03	PASS
Band4	1513	1	21.73	PASS
Band4	1513	2	21.16	PASS
Band4	1513	3	21.25	PASS
Band4	1513	4	21.32	PASS

Band5	4132	1	21.99	PASS
Band5	4132	2	21.50	PASS
Band5	4132	3	21.49	PASS
Band5	4132	4	21.50	PASS
Band5	4183	1	22.02	PASS
Band5	4183	2	21.60	PASS
Band5	4183	3	21.51	PASS
Band5	4183	4	21.53	PASS
Band5	4233	1	22.07	PASS
Band5	4233	2	21.58	PASS
Band5	4233	3	21.56	PASS
Band5	4233	4	21.60	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	Verdict
Band2	9262	1	20.49	PASS
Band2	9262	2	20.11	PASS
Band2	9262	3	20.75	PASS
Band2	9262	4	20.73	PASS
Band2	9262	5	21.73	PASS
Band2	9400	1	20.54	PASS
Band2	9400	2	20.09	PASS
Band2	9400	3	20.61	PASS
Band2	9400	4	20.63	PASS
Band2	9400	5	21.62	PASS
Band2	9538	1	20.48	PASS
Band2	9538	2	20.97	PASS
Band2	9538	3	20.49	PASS
Band2	9538	4	20.49	PASS
Band2	9538	5	21.49	PASS
Band4	1312	1	20.80	PASS
Band4	1312	2	20.37	PASS
Band4	1312	3	21.00	PASS
Band4	1312	4	20.04	PASS

Band4	1312	5	22.02	PASS
Band4	1412	1	20.78	PASS
Band4	1412	2	20.20	PASS
Band4	1412	3	20.86	PASS
Band4	1412	4	20.87	PASS
Band4	1412	5	21.87	PASS
Band4	1513	1	20.42	PASS
Band4	1513	2	20.61	PASS
Band4	1513	3	21.11	PASS
Band4	1513	4	20.35	PASS
Band4	1513	5	22.13	PASS
Band5	4132	1	20.50	PASS
Band5	4132	2	20.65	PASS
Band5	4132	3	21.19	PASS
Band5	4132	4	20.41	PASS
Band5	4132	5	22.48	PASS
Band5	4183	1	20.46	PASS
Band5	4183	2	20.72	PASS
Band5	4183	3	21.24	PASS
Band5	4183	4	20.45	PASS
Band5	4183	5	22.23	PASS
Band5	4233	1	20.36	PASS
Band5	4233	2	20.79	PASS
Band5	4233	3	21.33	PASS
Band5	4233	4	20.37	PASS
Band5	4233	5	22.31	PASS

AppendixB:Peak-to-Average Ratio

Test Result

WCDMA

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.04	13	PASS
Band2	9400	3.1	13	PASS
Band2	9538	2.99	13	PASS
Band4	1312	3.16	13	PASS
Band4	1412	3.16	13	PASS
Band4	1513	3.04	13	PASS
Band5	4132	3.1	13	PASS
Band5	4183	3.07	13	PASS
Band5	4233	2.99	13	PASS

HSDPA

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.22	13	PASS
Band2	9262	2	3.42	13	PASS
Band2	9262	3	3.62	13	PASS
Band2	9262	4	3.68	13	PASS
Band2	9400	1	3.22	13	PASS
Band2	9400	2	3.45	13	PASS
Band2	9400	3	3.62	13	PASS
Band2	9400	4	3.68	13	PASS
Band2	9538	1	3.16	13	PASS
Band2	9538	2	3.48	13	PASS
Band2	9538	3	3.71	13	PASS
Band2	9538	4	3.74	13	PASS
Band4	1312	1	3.19	13	PASS
Band4	1312	2	3.42	13	PASS
Band4	1312	3	3.59	13	PASS
Band4	1312	4	3.65	13	PASS
Band4	1412	1	3.19	13	PASS
Band4	1412	2	3.42	13	PASS
Band4	1412	3	3.59	13	PASS
Band4	1412	4	3.68	13	PASS
Band4	1513	1	3.13	13	PASS
Band4	1513	2	3.39	13	PASS
Band4	1513	3	3.57	13	PASS
Band4	1513	4	3.59	13	PASS

Band5	4132	1	3.16	13	PASS
Band5	4132	2	3.39	13	PASS
Band5	4132	3	3.57	13	PASS
Band5	4132	4	3.62	13	PASS
Band5	4183	1	3.13	13	PASS
Band5	4183	2	3.36	13	PASS
Band5	4183	3	3.54	13	PASS
Band5	4183	4	3.59	13	PASS
Band5	4233	1	3.13	13	PASS
Band5	4233	2	3.39	13	PASS
Band5	4233	3	3.54	13	PASS
Band5	4233	4	3.59	13	PASS

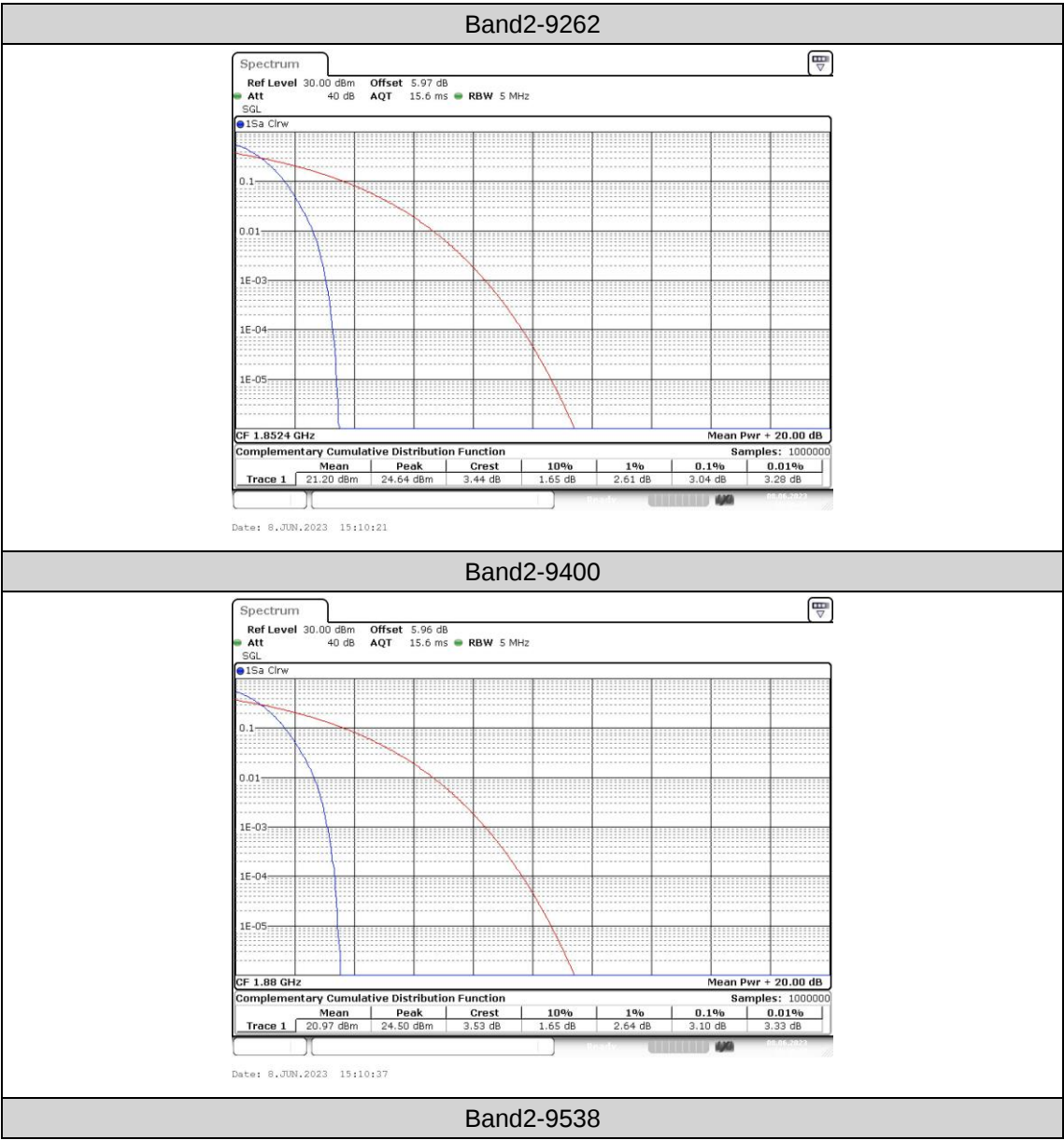
HSUPA

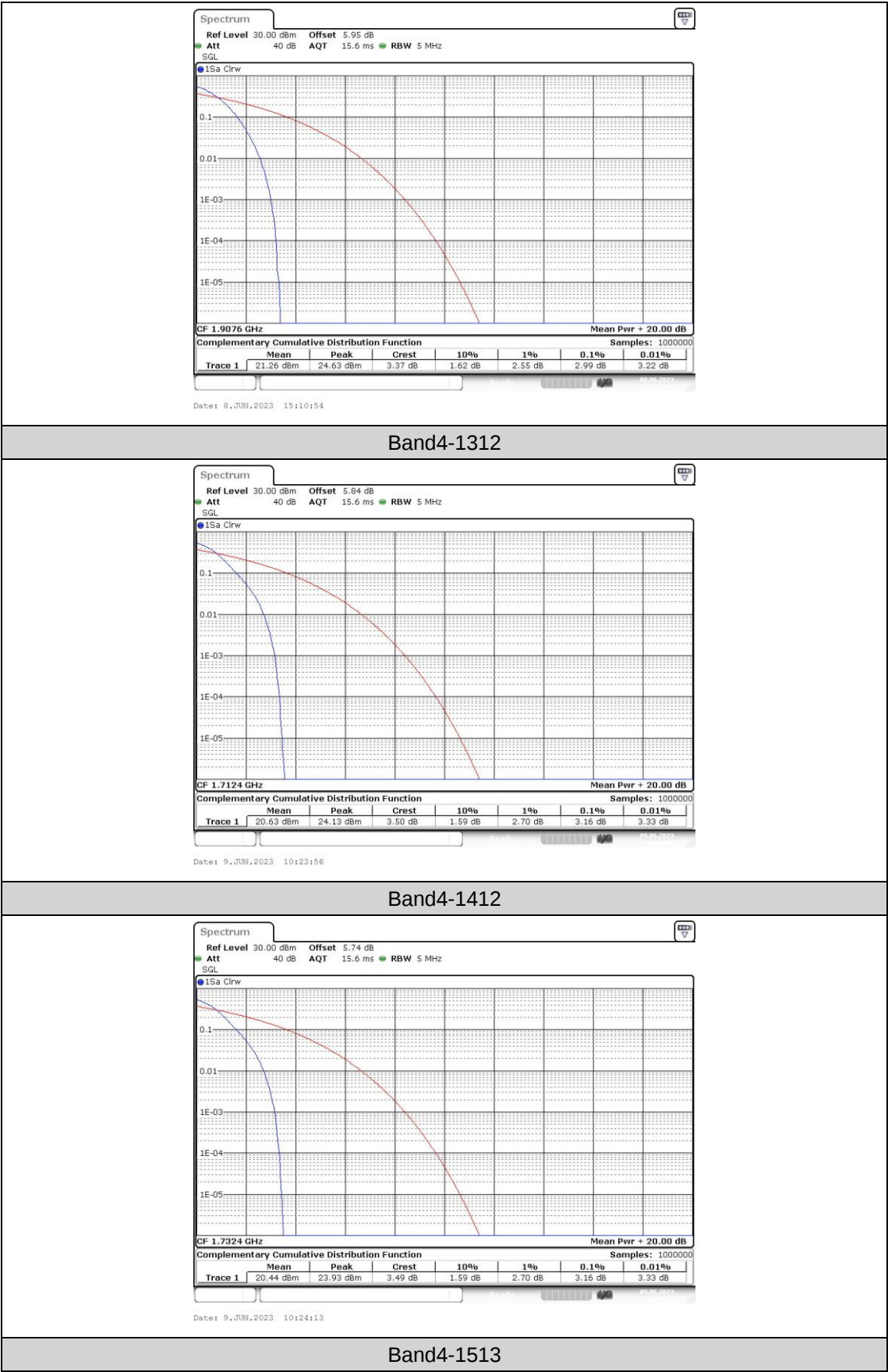
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.38	13	PASS
Band2	9262	2	5.48	13	PASS
Band2	9262	3	5.01	13	PASS
Band2	9262	4	5.59	13	PASS
Band2	9262	5	4.23	13	PASS
Band2	9400	1	4.35	13	PASS
Band2	9400	2	5.51	13	PASS
Band2	9400	3	5.04	13	PASS
Band2	9400	4	5.59	13	PASS
Band2	9400	5	4.29	13	PASS
Band2	9538	1	4.32	13	PASS
Band2	9538	2	5.36	13	PASS
Band2	9538	3	4.93	13	PASS
Band2	9538	4	5.51	13	PASS
Band2	9538	5	4.17	13	PASS
Band4	1312	1	4.41	13	PASS
Band4	1312	2	5.42	13	PASS
Band4	1312	3	4.96	13	PASS
Band4	1312	4	5.57	13	PASS

Band4	1312	5	4.2	13	PASS
Band4	1412	1	4.41	13	PASS
Band4	1412	2	5.42	13	PASS
Band4	1412	3	4.99	13	PASS
Band4	1412	4	5.57	13	PASS
Band4	1412	5	4.17	13	PASS
Band4	1513	1	4.32	13	PASS
Band4	1513	2	5.33	13	PASS
Band4	1513	3	4.87	13	PASS
Band4	1513	4	5.51	13	PASS
Band4	1513	5	4.09	13	PASS
Band5	4132	1	4.32	13	PASS
Band5	4132	2	5.33	13	PASS
Band5	4132	3	4.9	13	PASS
Band5	4132	4	5.48	13	PASS
Band5	4132	5	4.12	13	PASS
Band5	4183	1	4.32	13	PASS
Band5	4183	2	5.3	13	PASS
Band5	4183	3	4.9	13	PASS
Band5	4183	4	5.45	13	PASS
Band5	4183	5	4.09	13	PASS
Band5	4233	1	4.29	13	PASS
Band5	4233	2	5.33	13	PASS
Band5	4233	3	4.87	13	PASS
Band5	4233	4	5.48	13	PASS
Band5	4233	5	4.14	13	PASS

Test Graphs

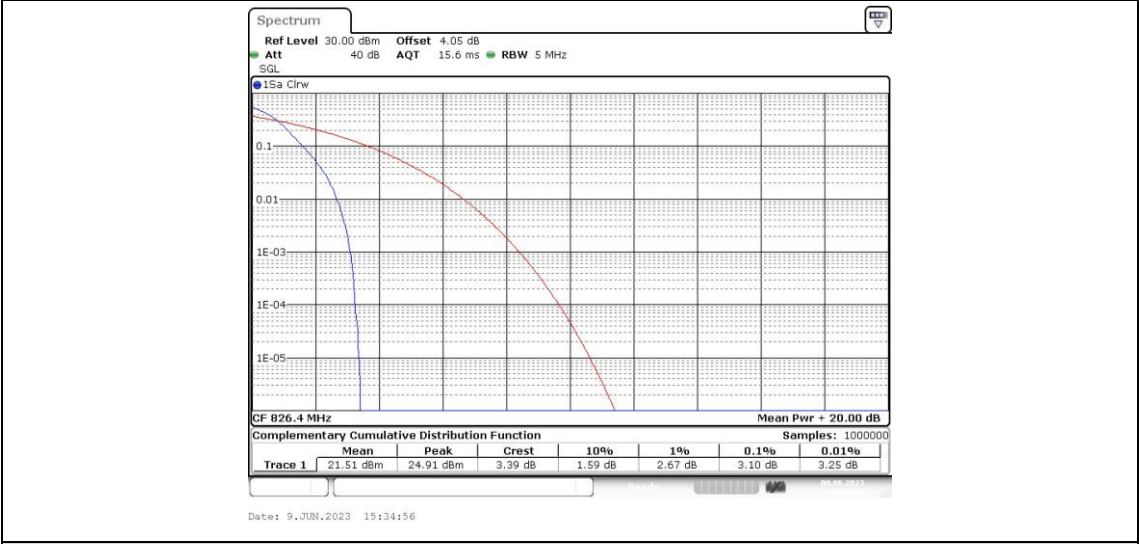
WCDMA



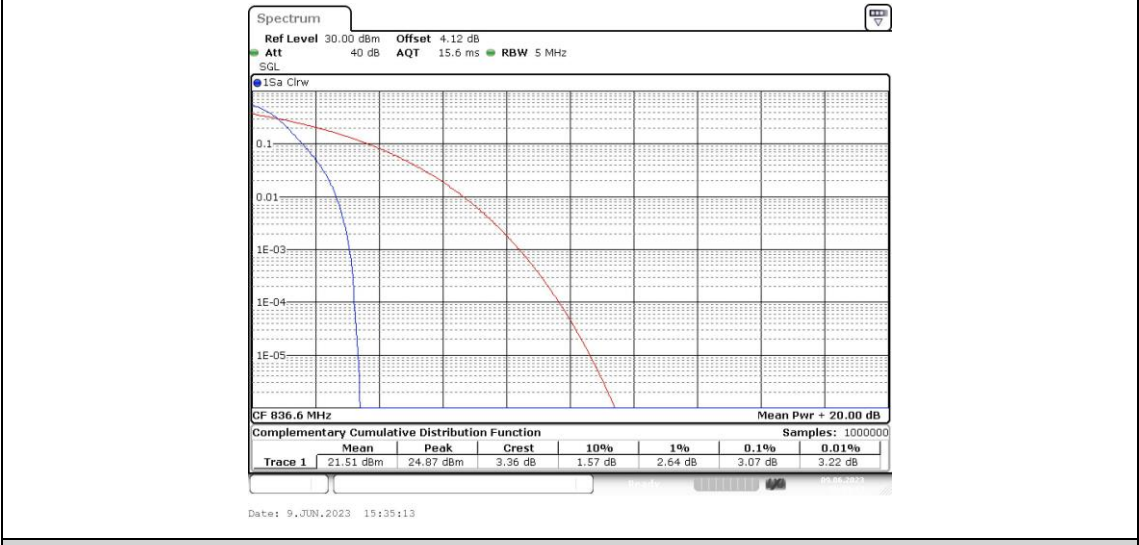




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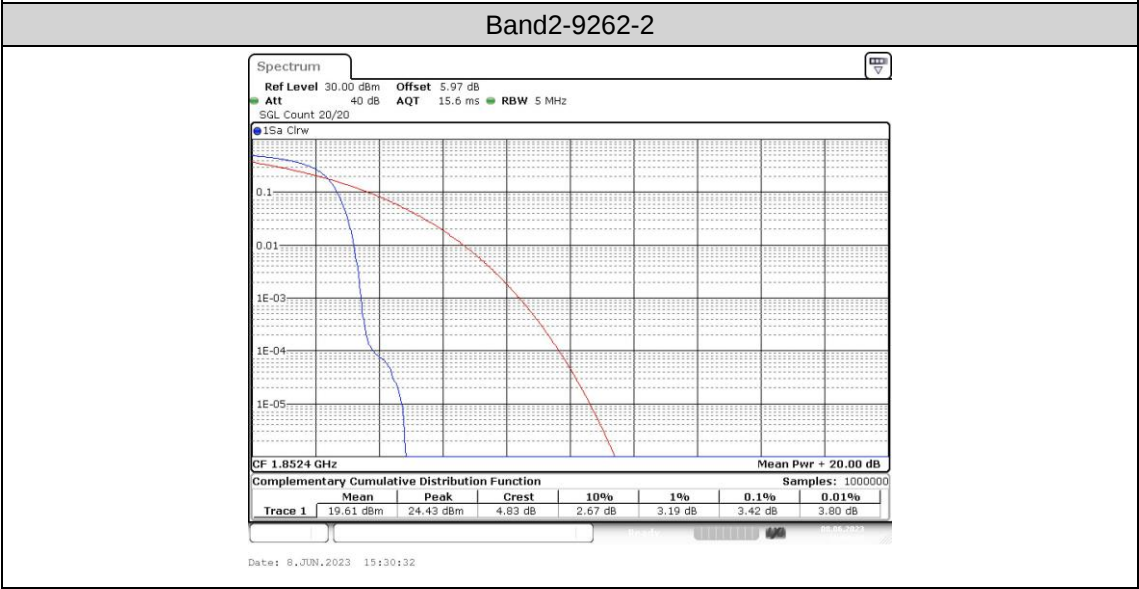
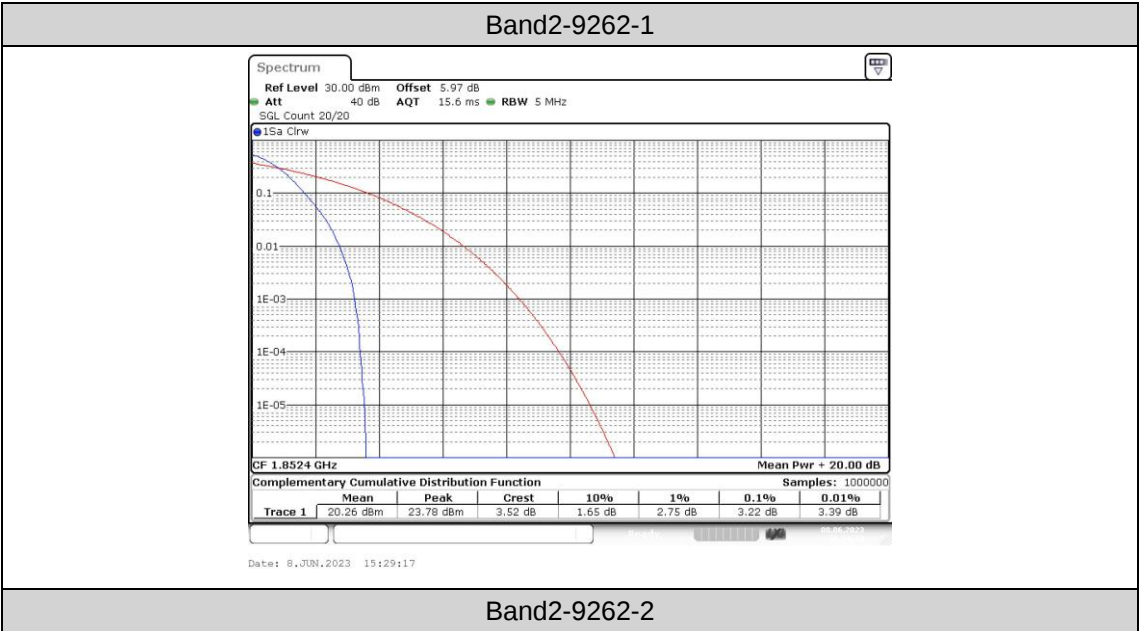
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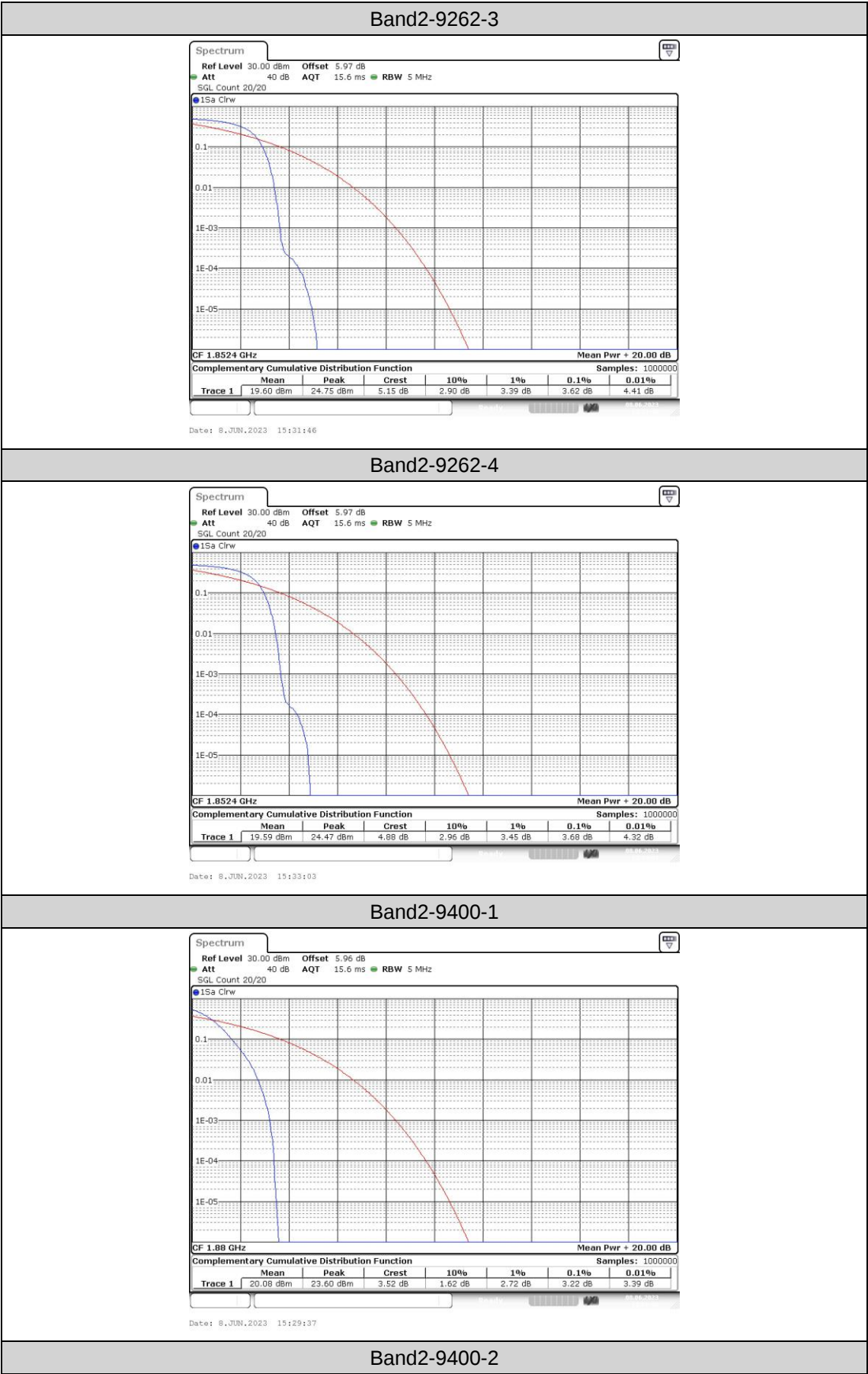


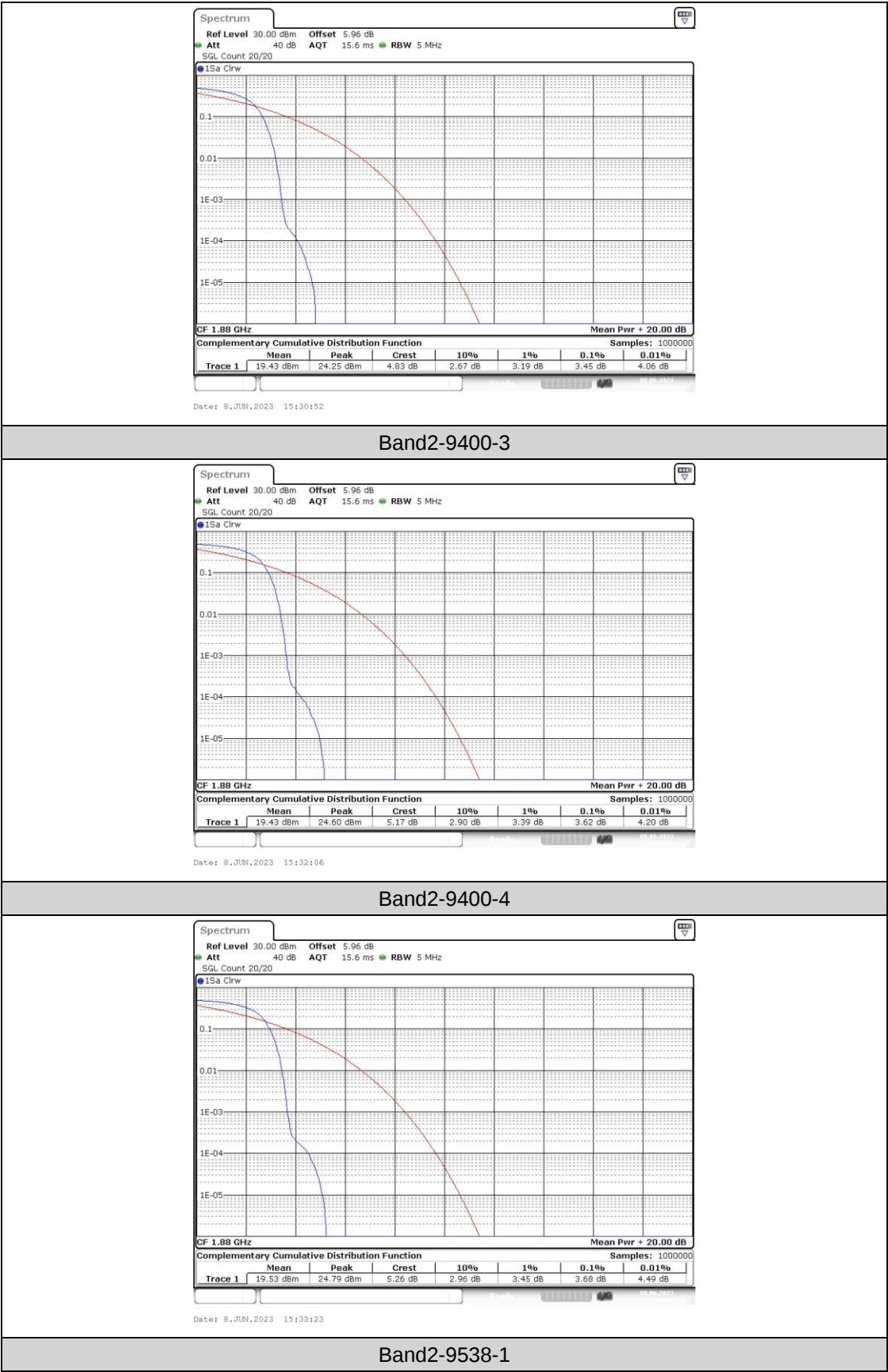
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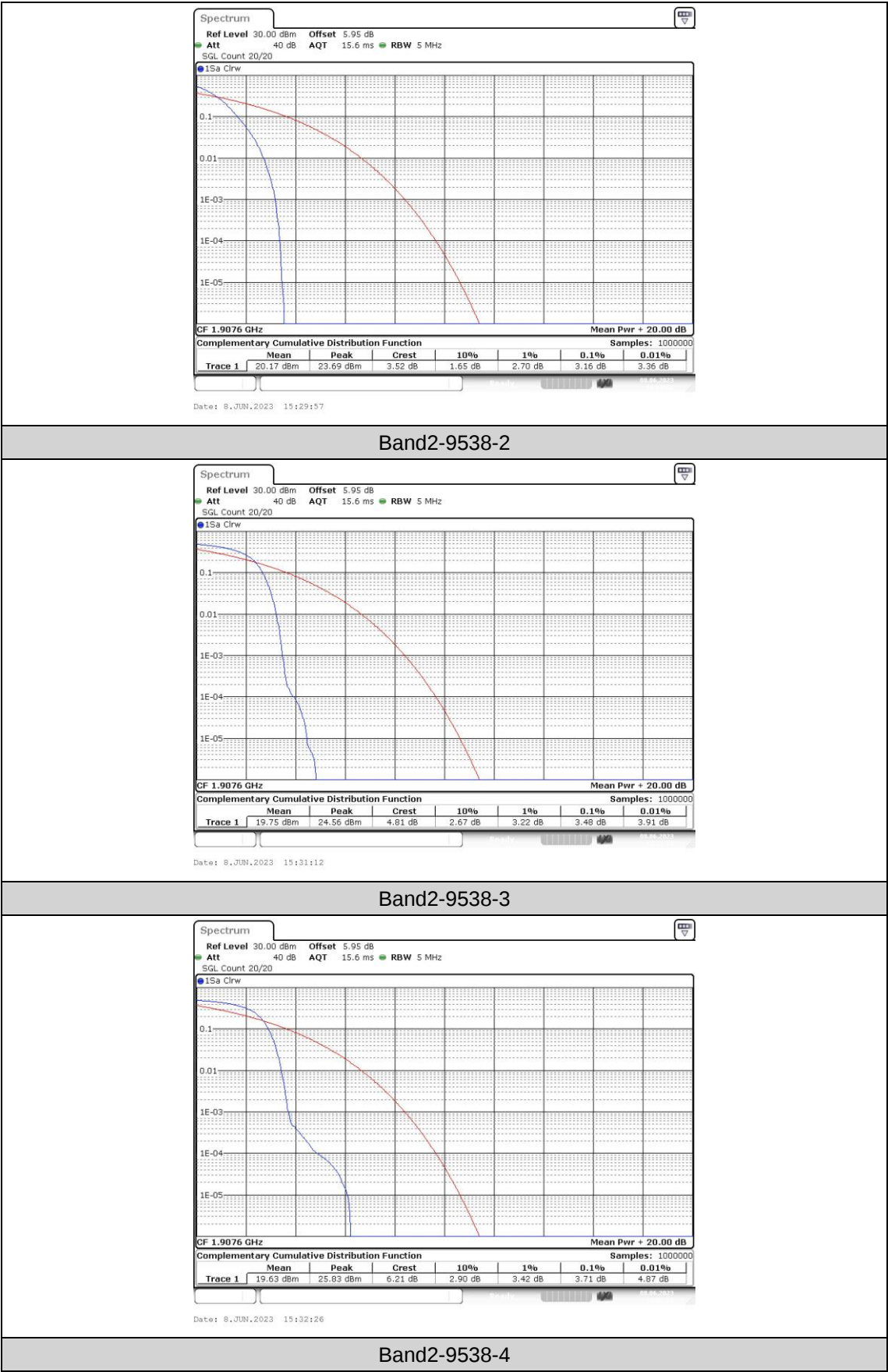


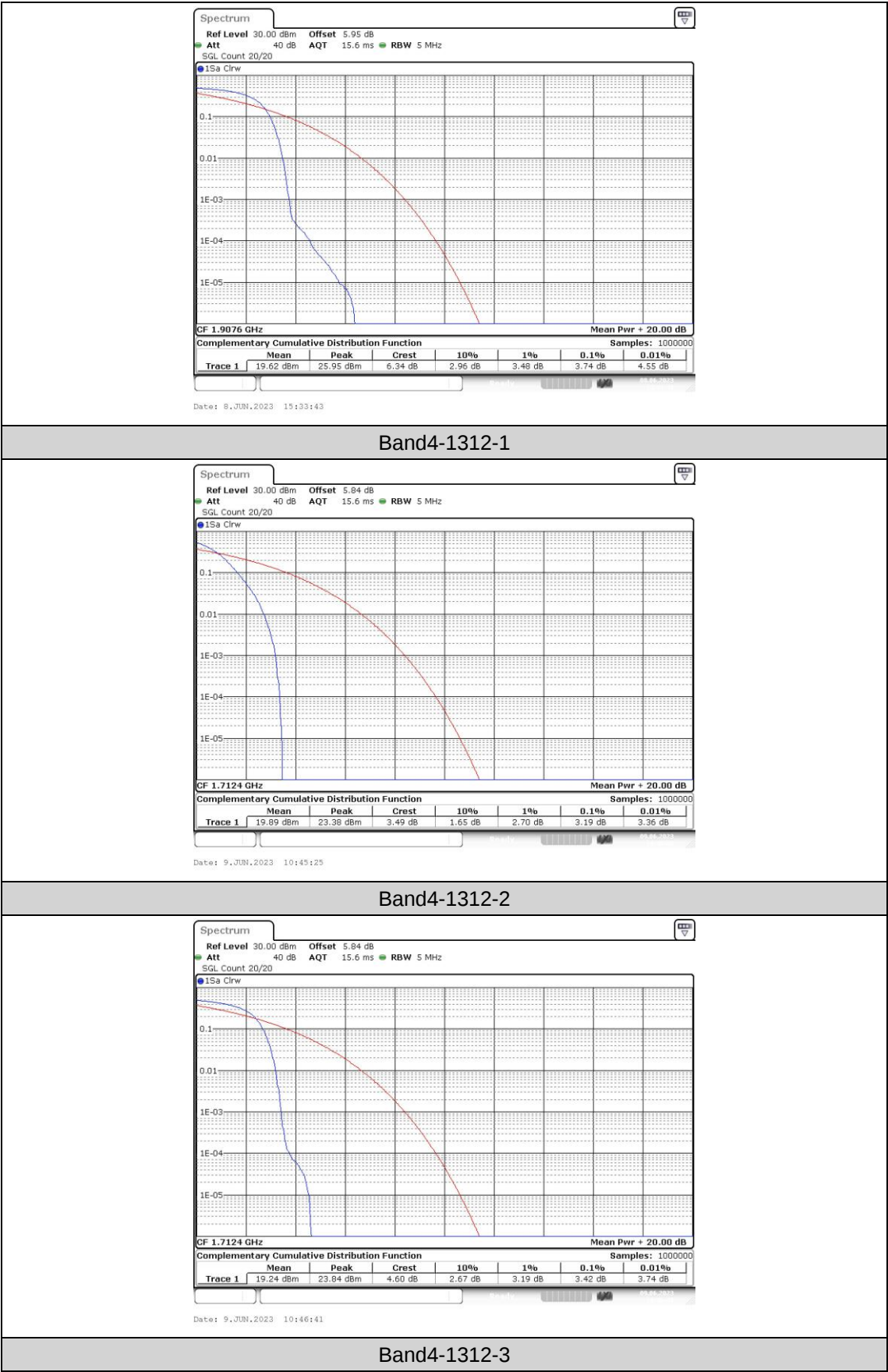
HSDPA





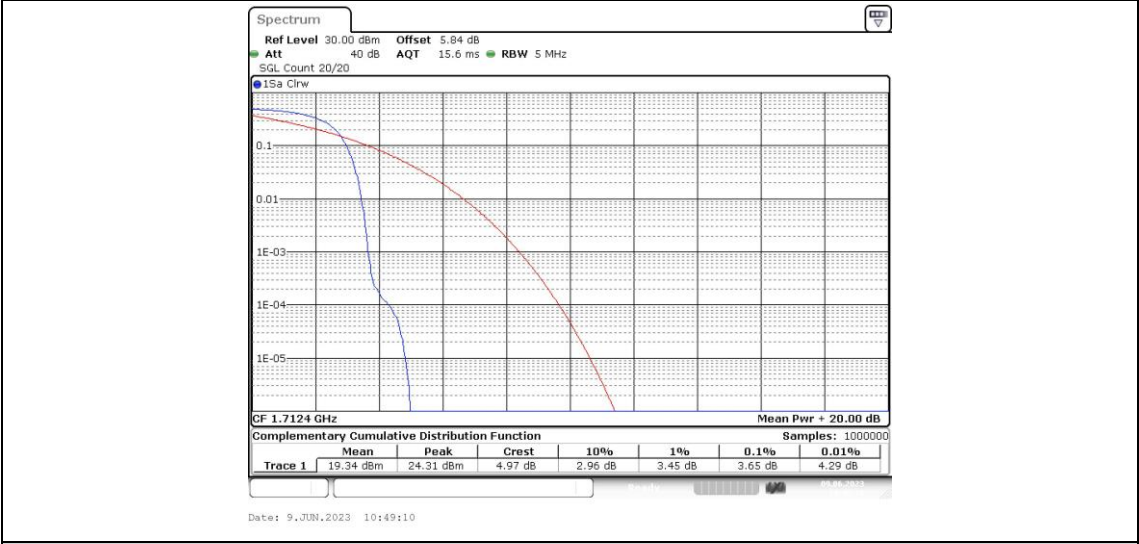




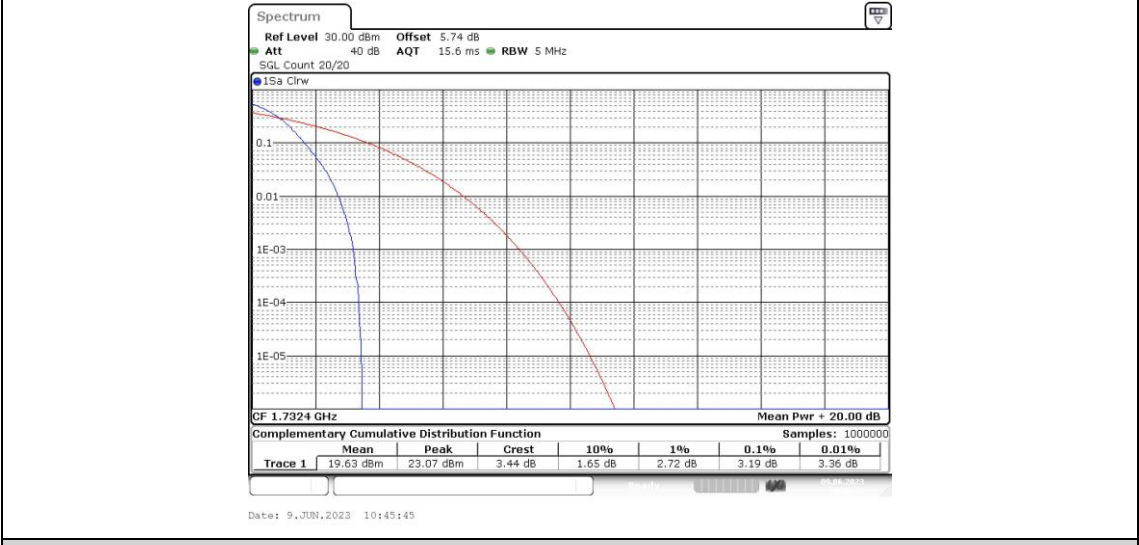




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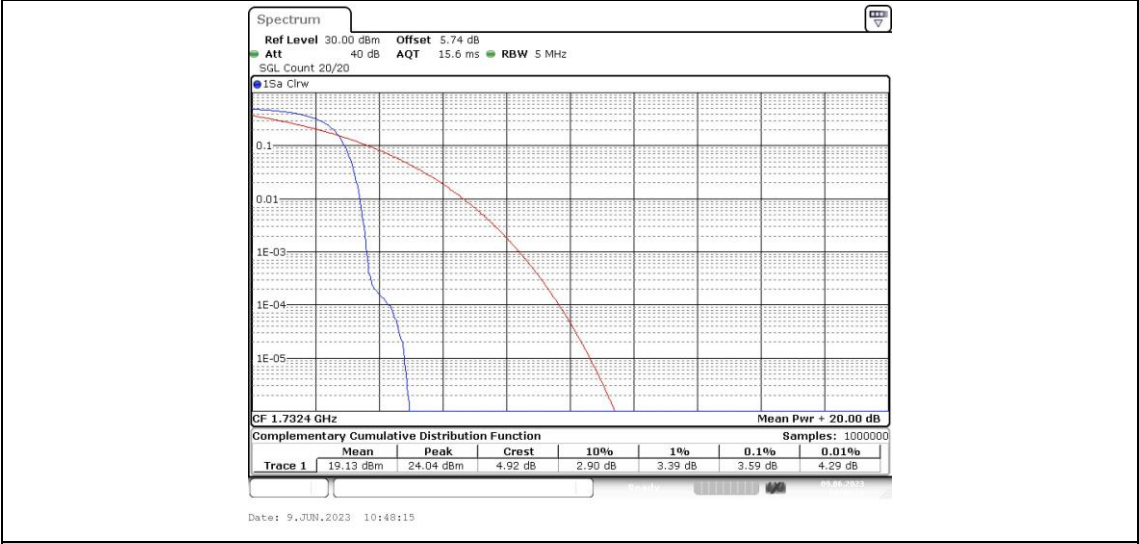
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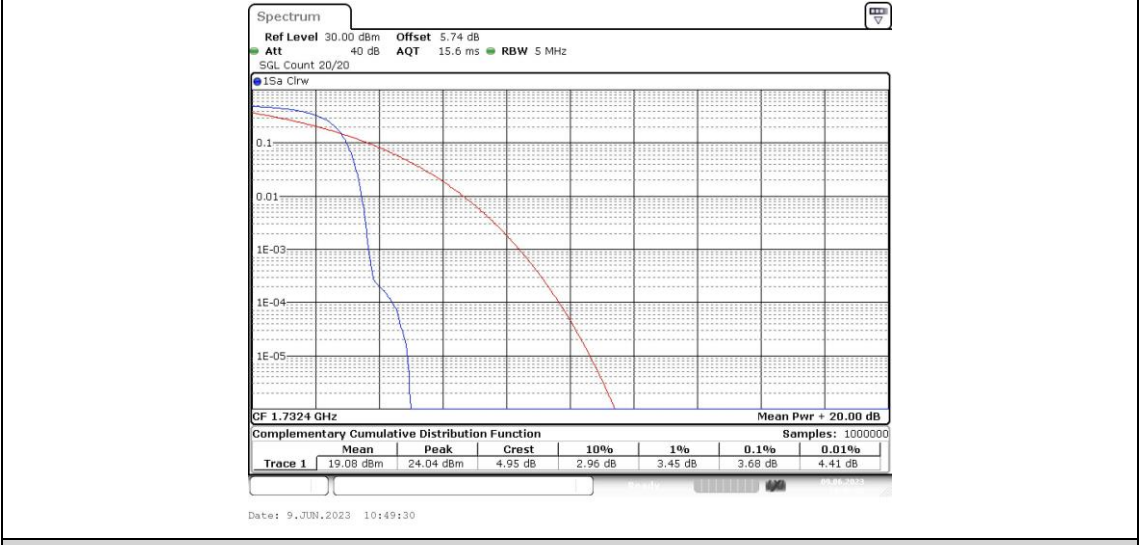
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Band4-1412-3



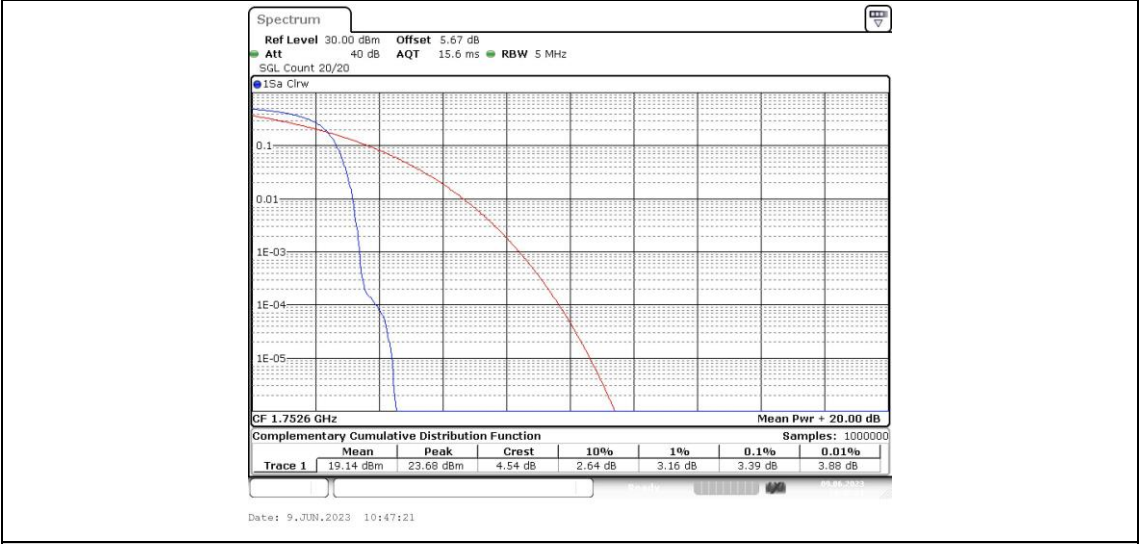
Band4-1412-4



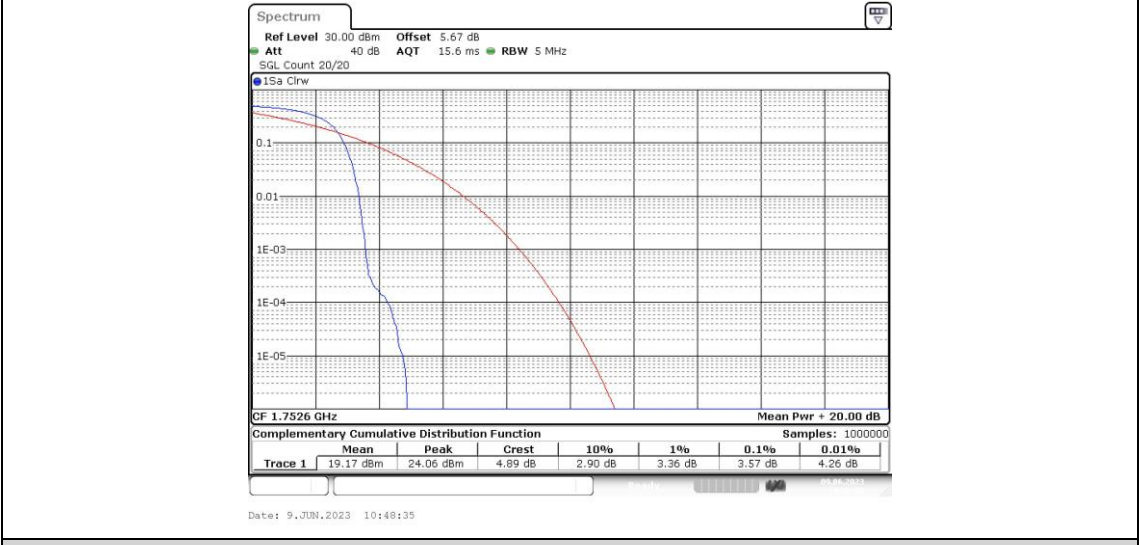
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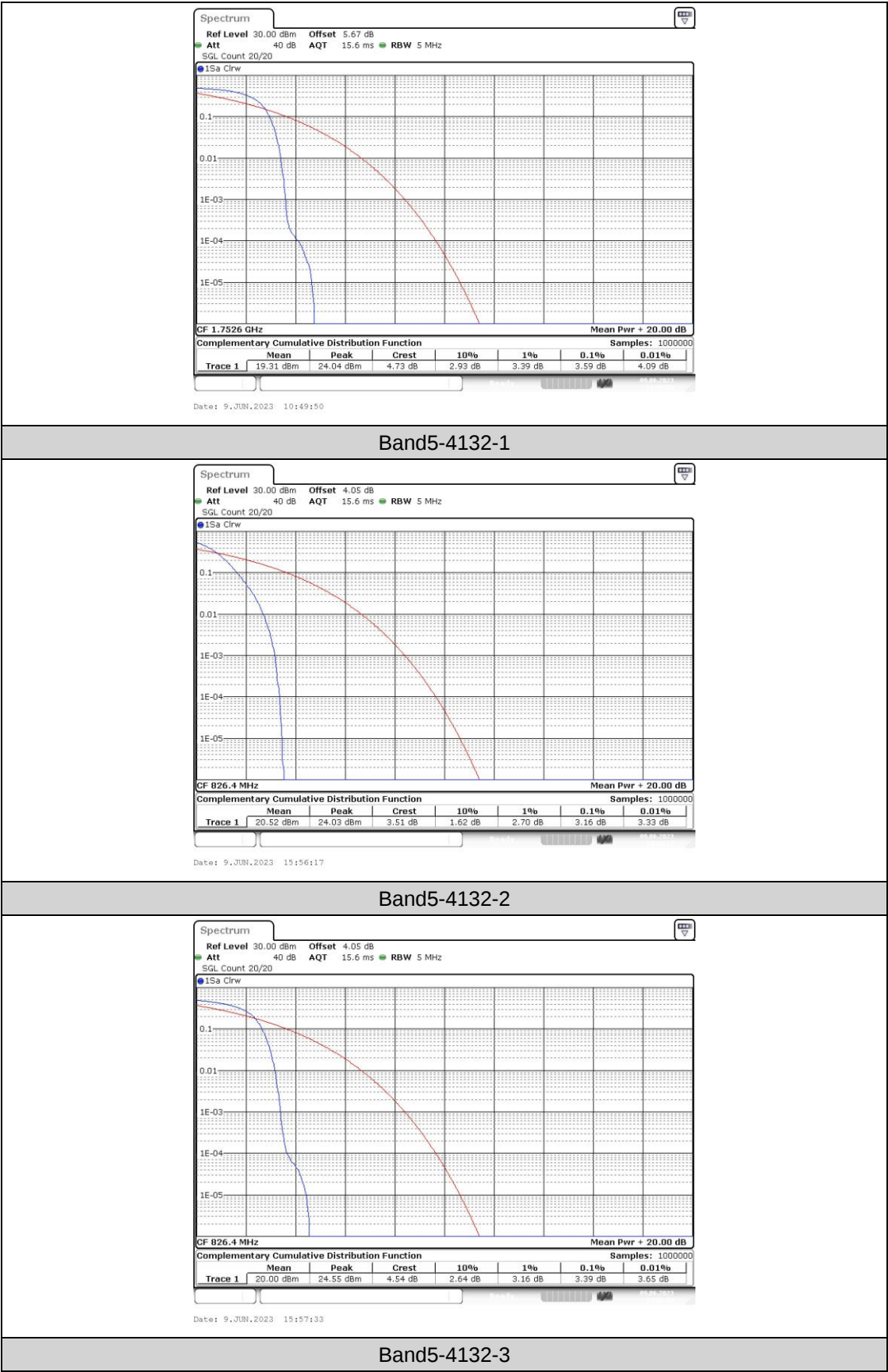
Band4-1513-2



Band4-1513-3

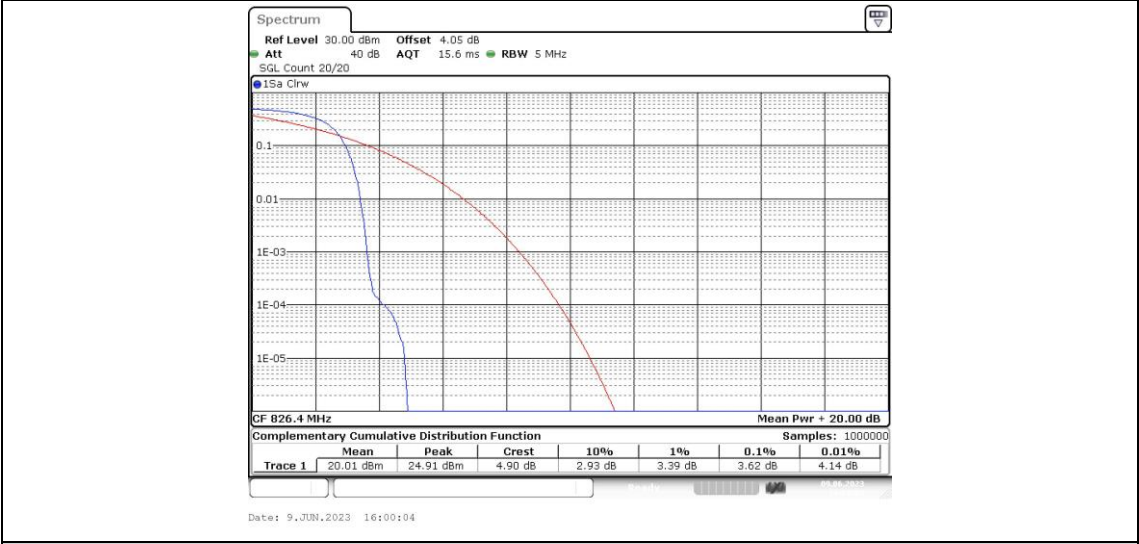


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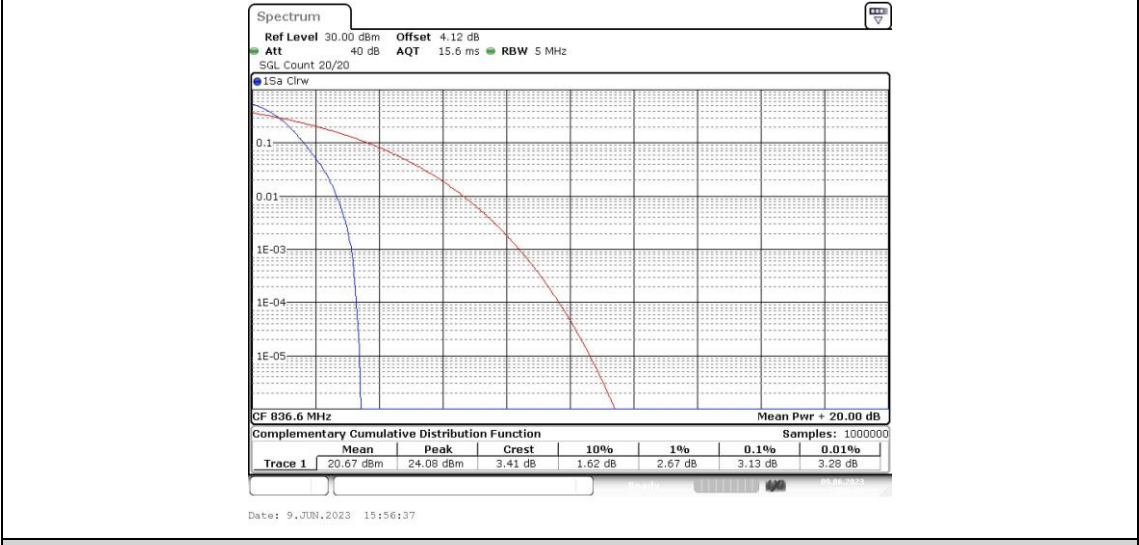




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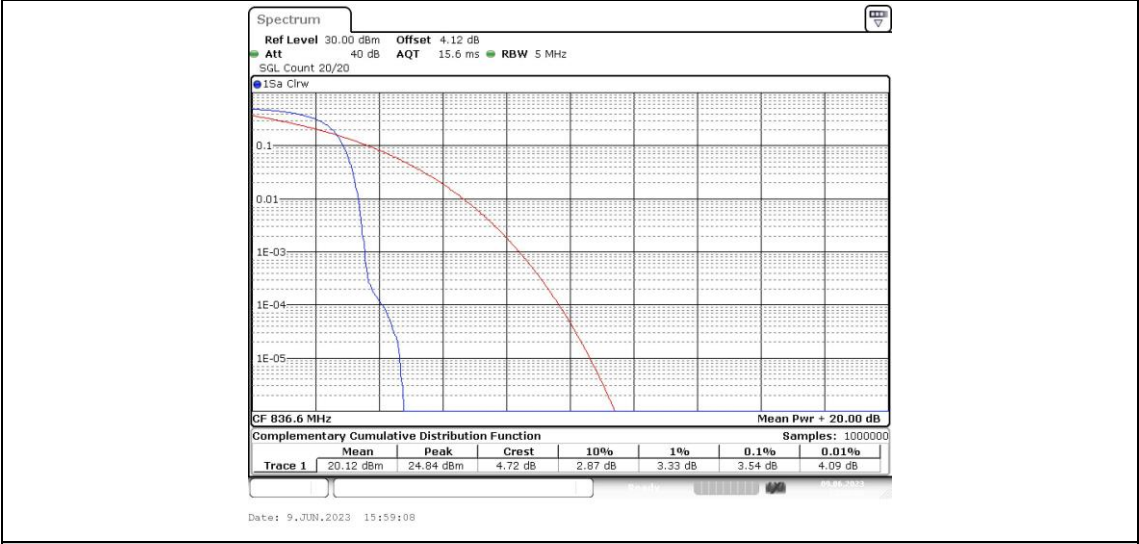
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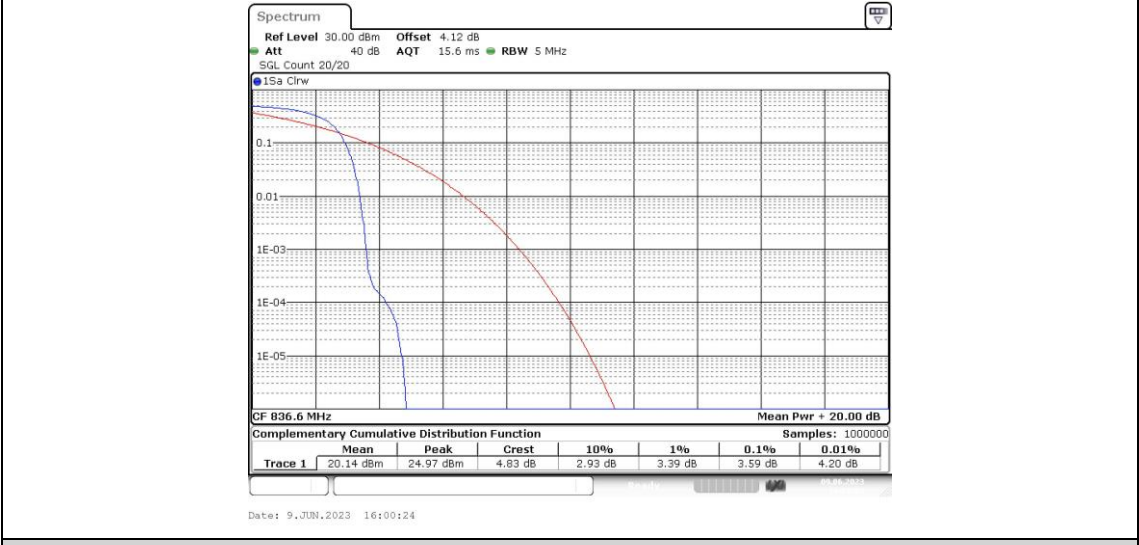
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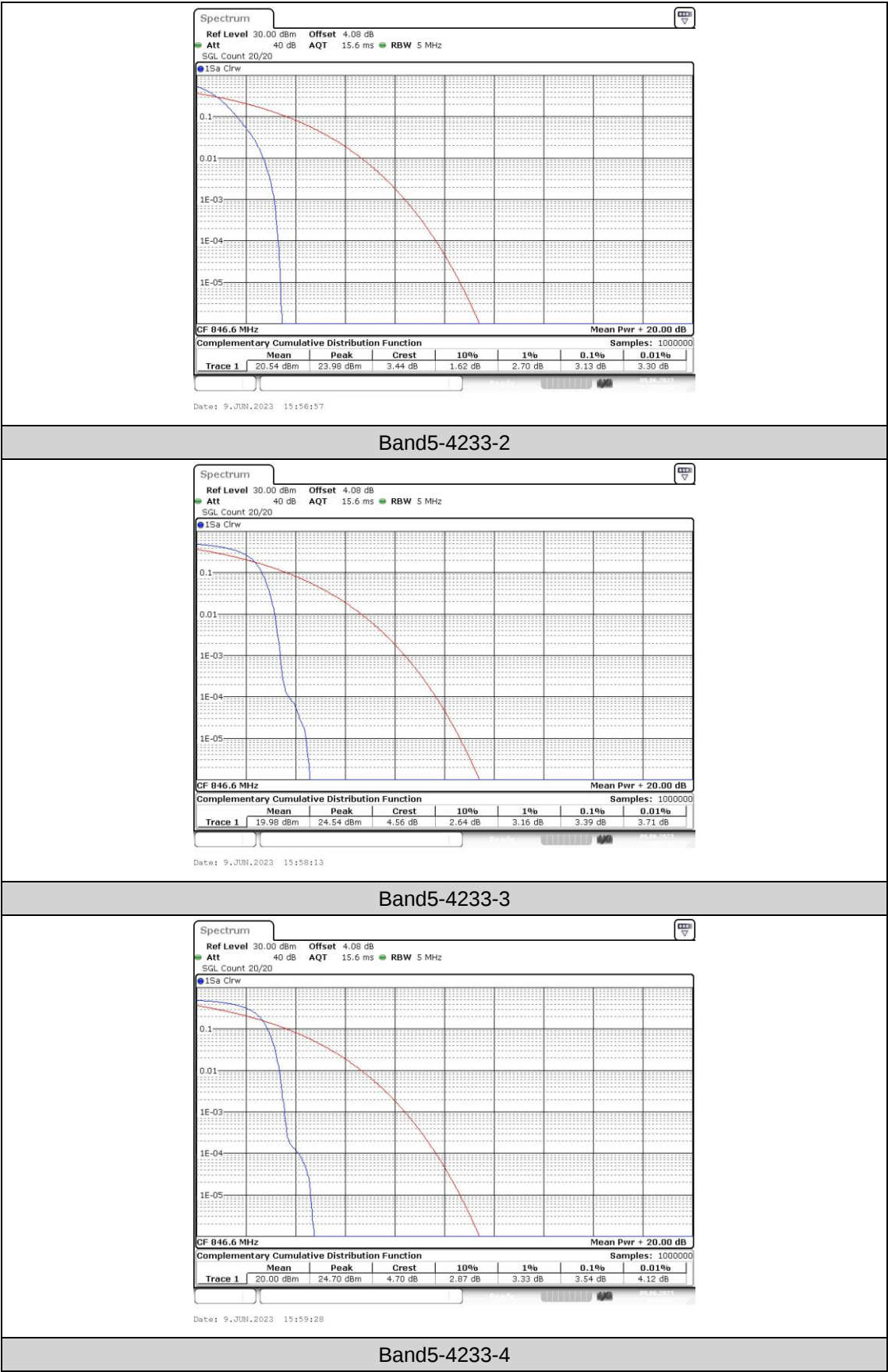
Band5-4183-3



Band5-4183-4

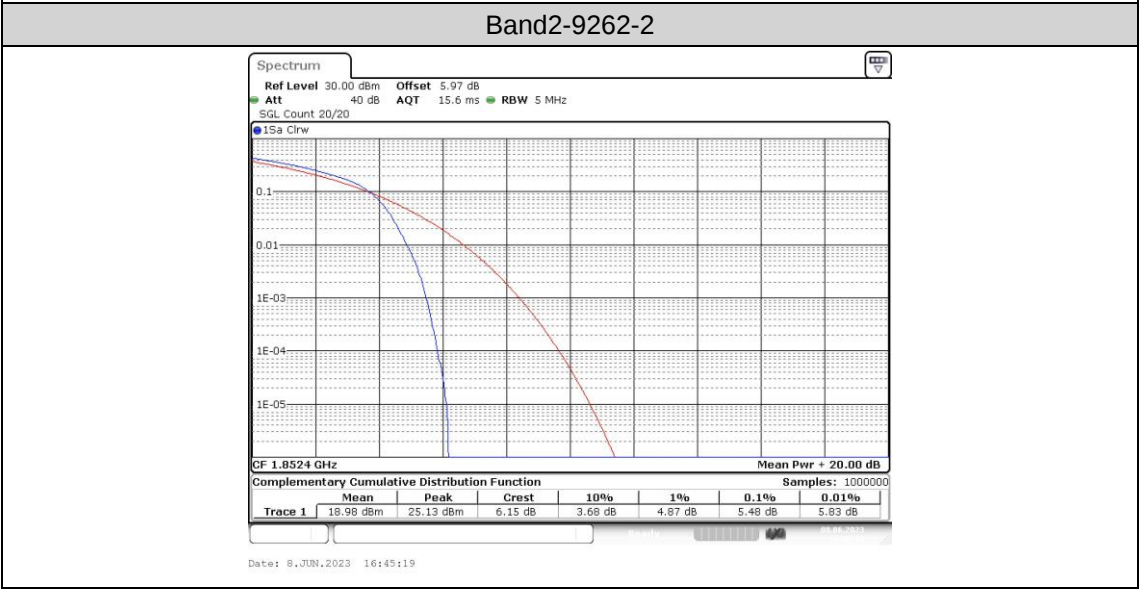
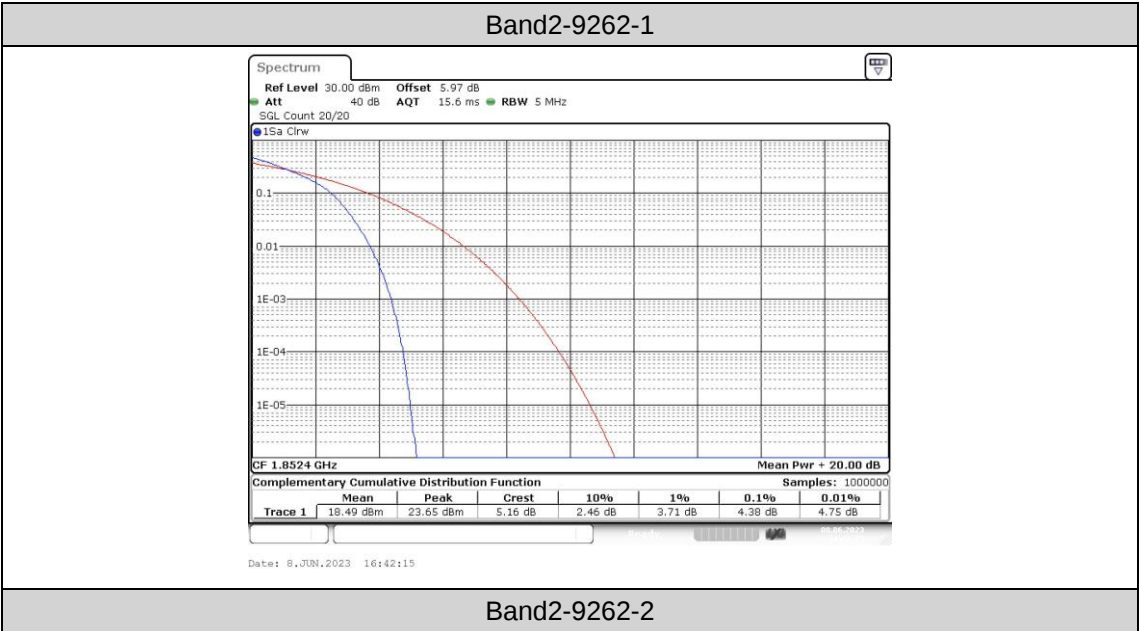


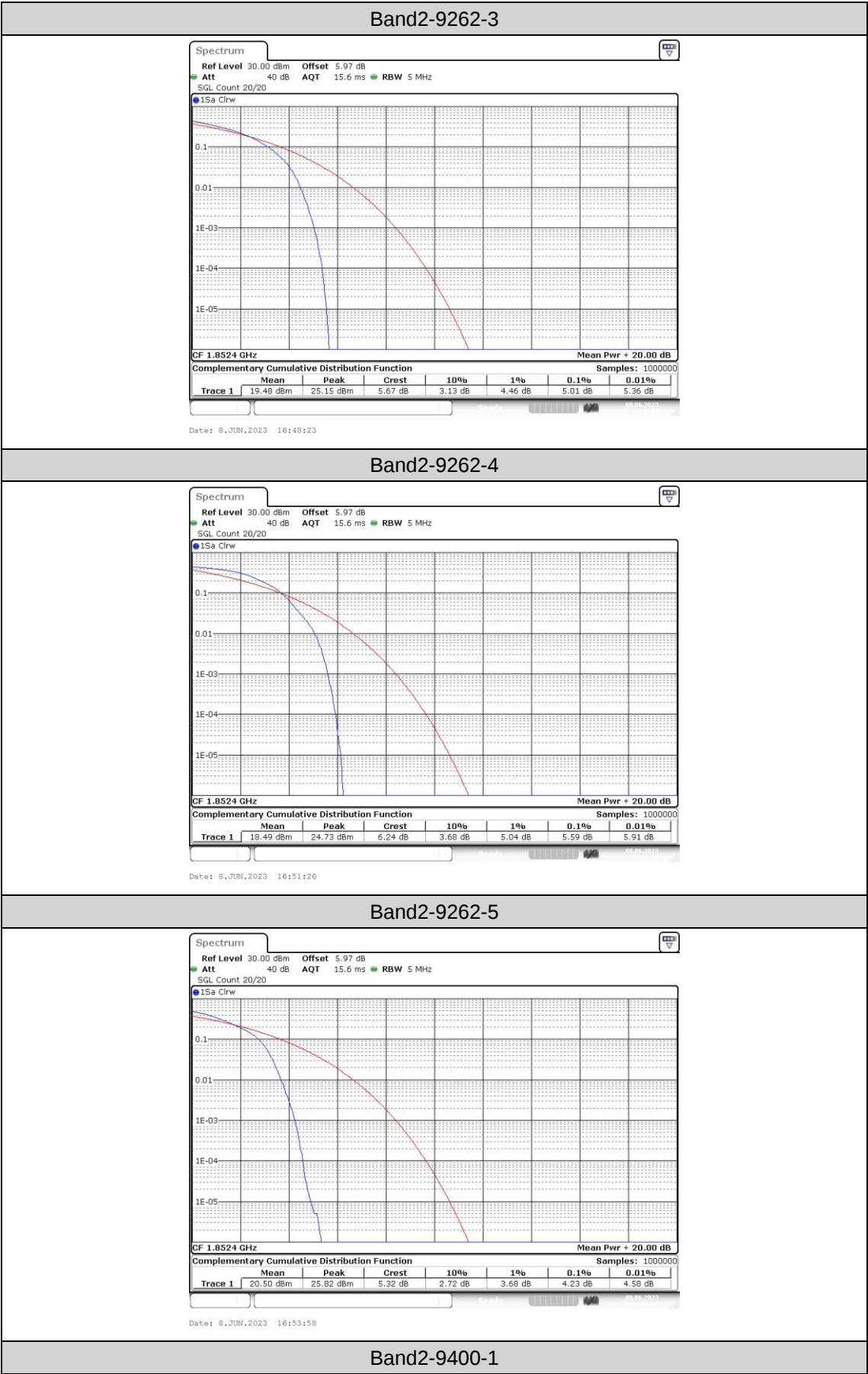
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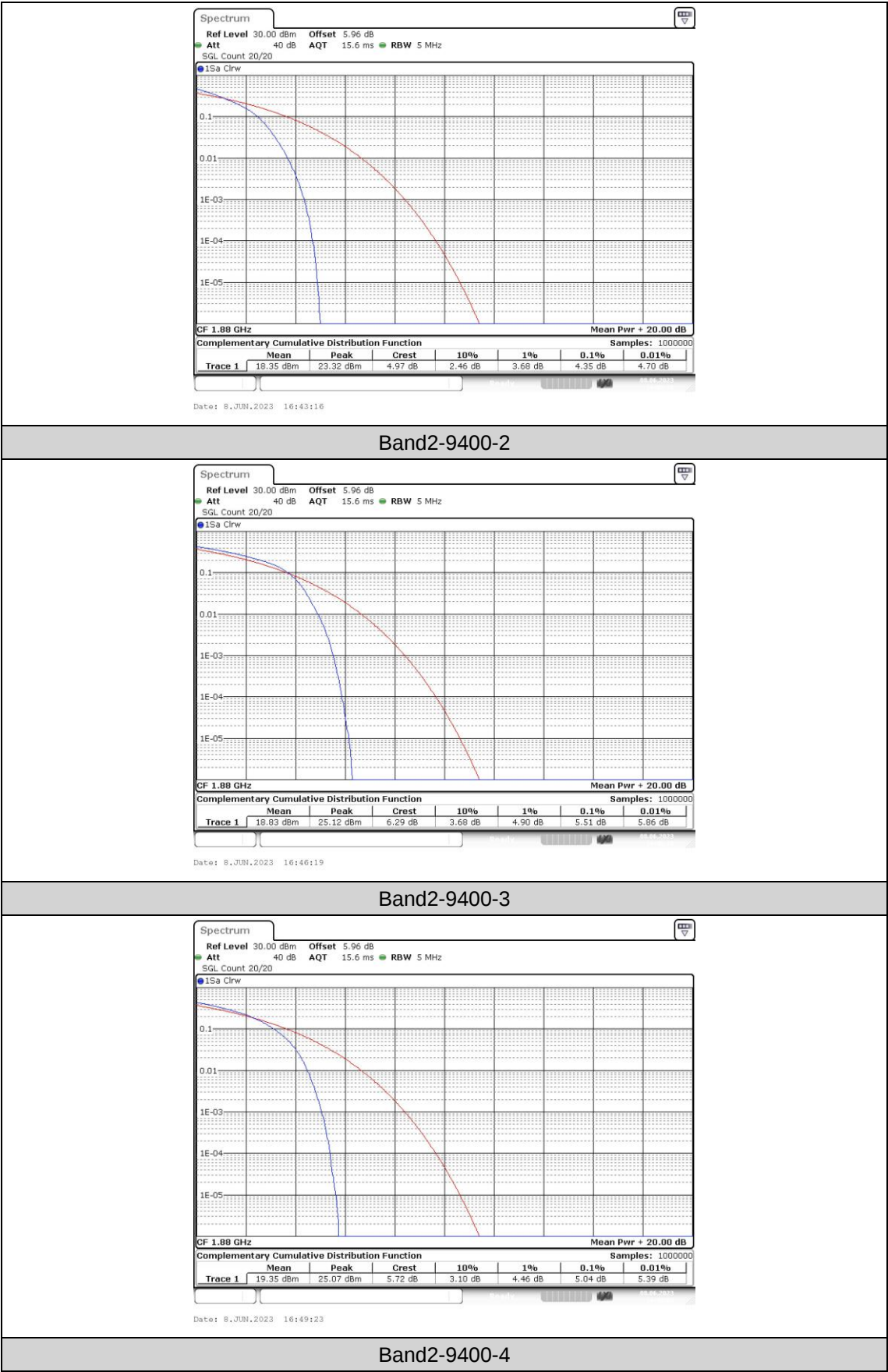


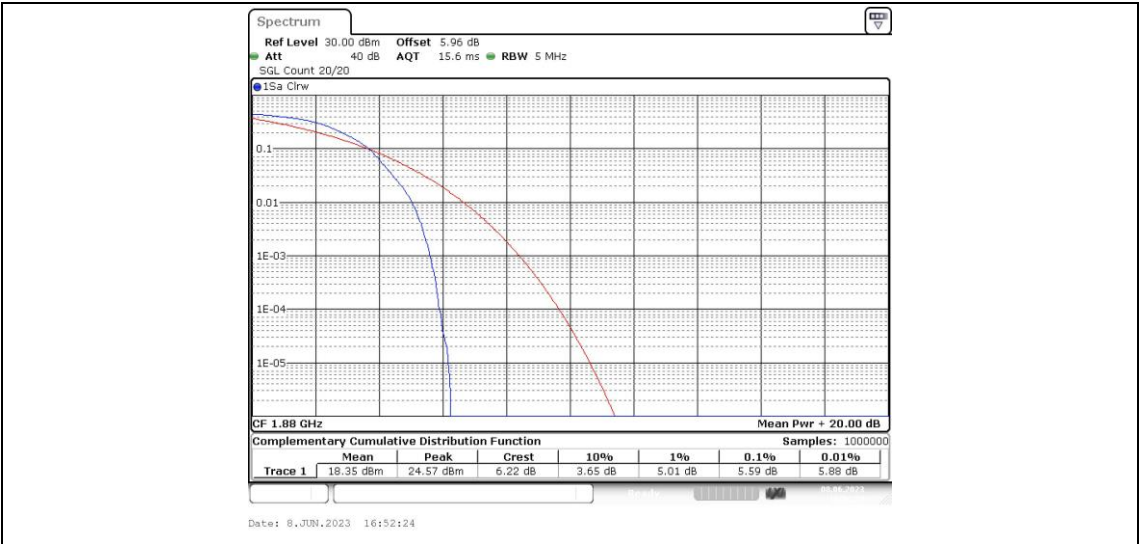


HSUPA

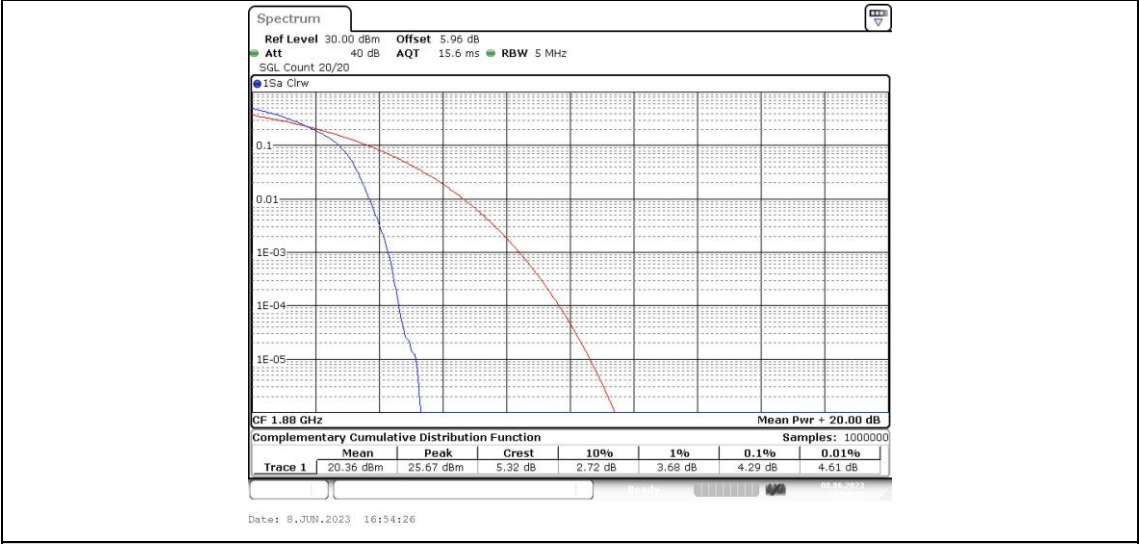




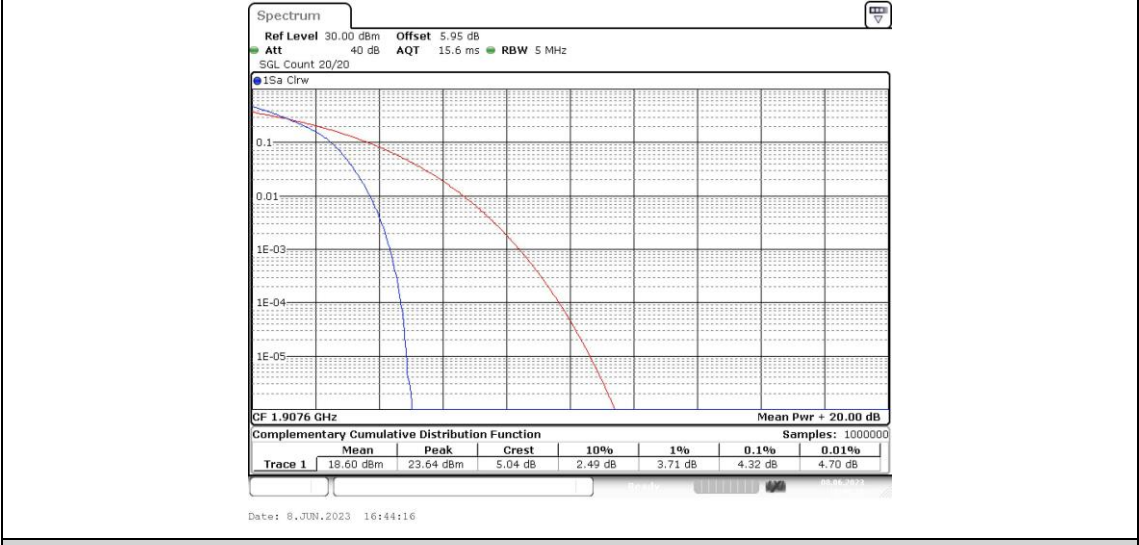




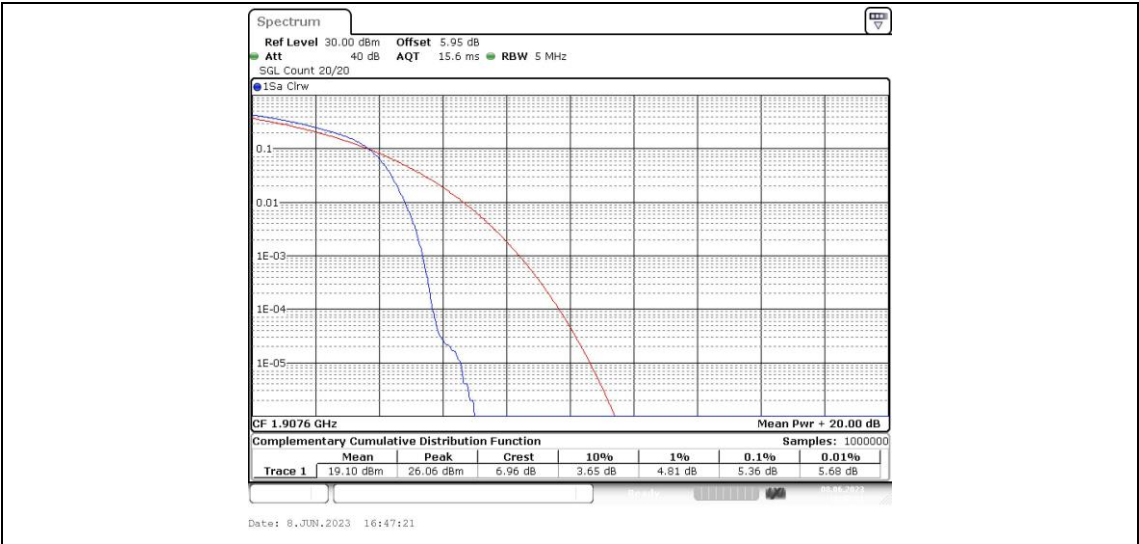
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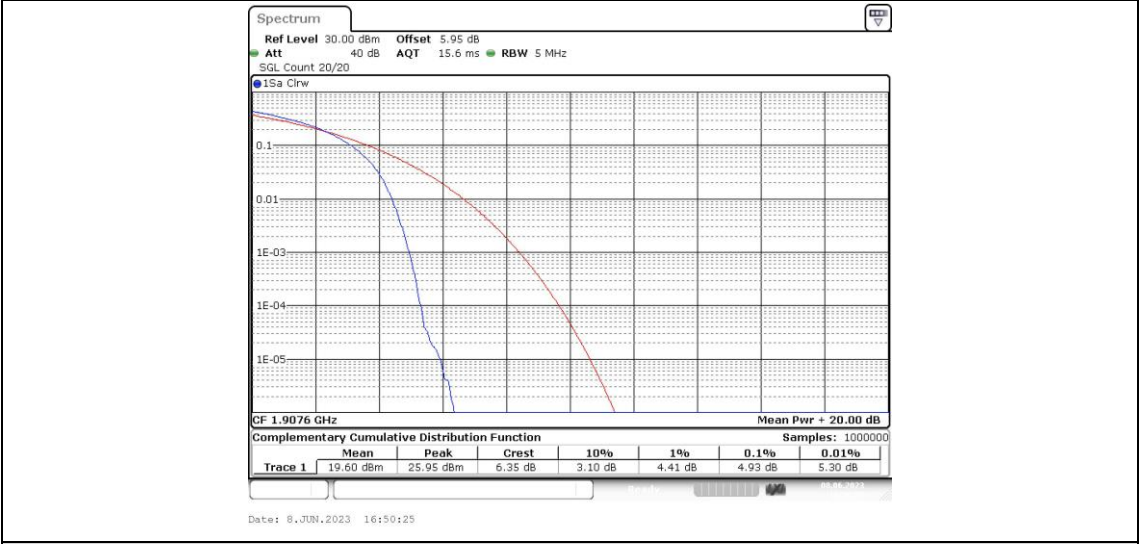
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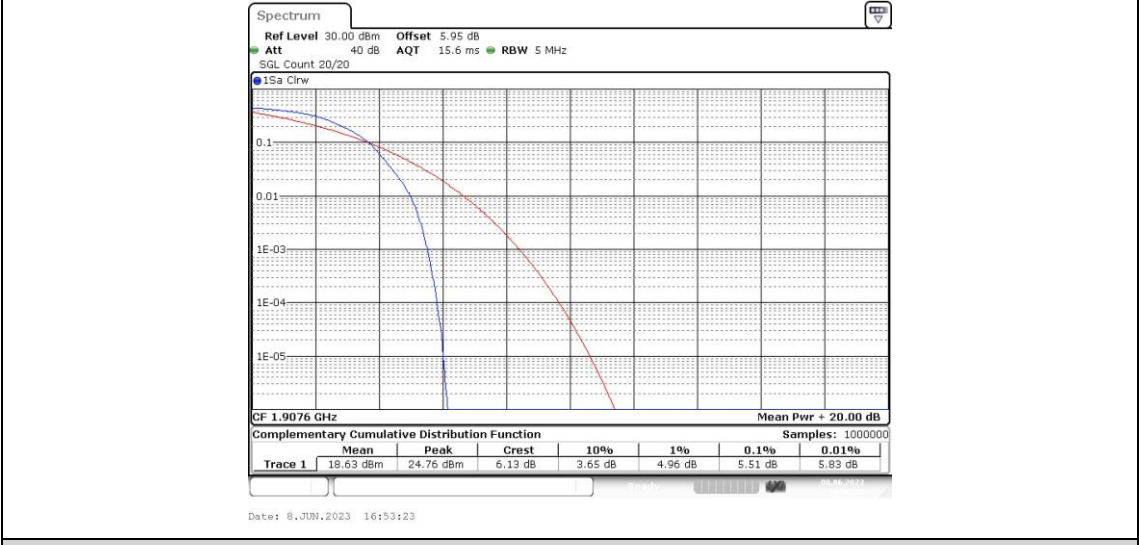
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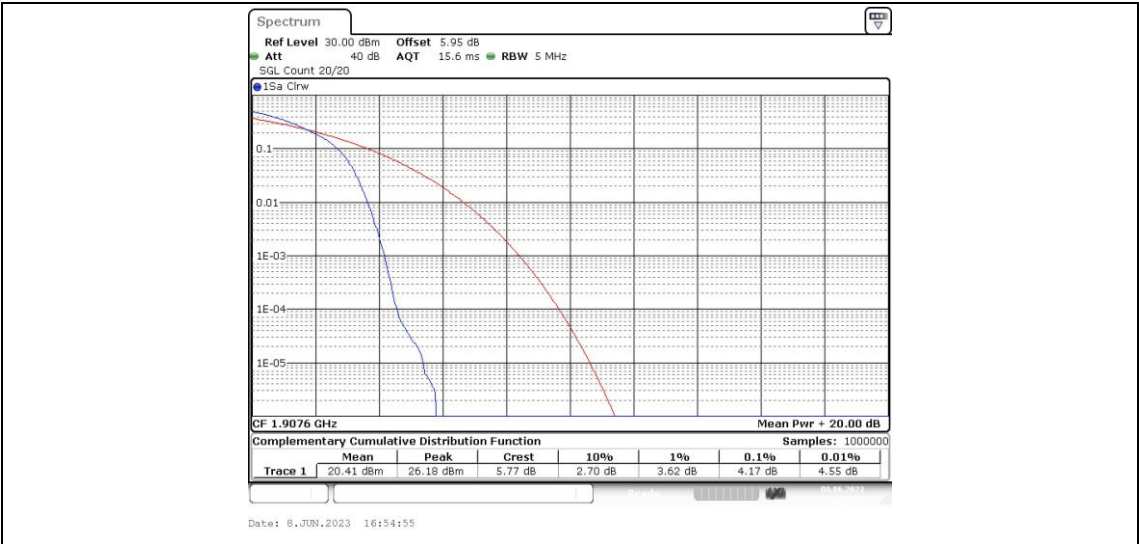
Band2-9538-3



Band2-9538-4



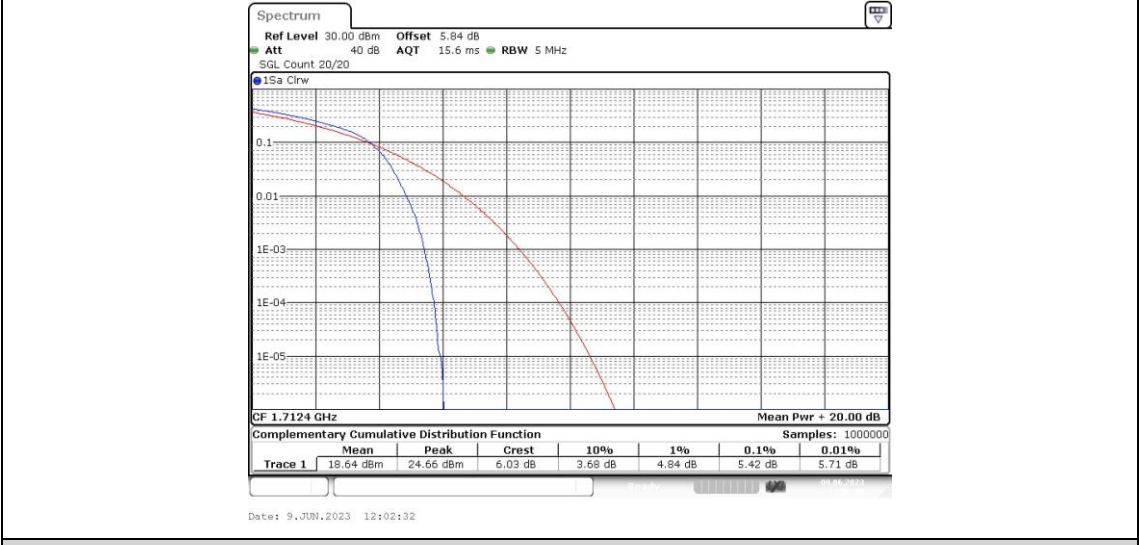
Band2-9538-5



Band4-1312-1



Band4-1312-2



Band4-1312-3