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Appendix for LTE Band 5

Applicant: AIR-U Co., Ltd.

**Address: Yamaki 2nd BLDG, 8F, 3-4-2, Nishishinbashi, Minato-ku,
Tokyo, Japan**

Product Name: 4G Wireless Data Terminal

Model: CAW23A301

FCC ID: 2ATHM-CAW23A301

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.07	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.92	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.23	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.20	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.14	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.23	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.25	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.32	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.33	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.26	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.23	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.32	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.19	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.20	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.27	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.25	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.57	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.48	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	24.32	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.32	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	24.33	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.32	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.97	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	24.19	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	24.18	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	24.12	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.08	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.05	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.95	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.91	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.95	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.77	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.16	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.29	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.38	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.58	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.75	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.35	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.37	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.51	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.41	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.28	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.35	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.29	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.92	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.95	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.93	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.82	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.93	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.07	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.32	PASS

Band5	3MHz	16QAM	20525	1RB#8	23.31	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.20	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.75	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.51	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.84	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.22	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.44	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.19	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.40	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.43	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.32	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.23	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.04	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.21	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.95	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.22	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.20	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.18	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.16	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.27	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.15	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.22	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.20	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.24	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.21	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.48	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.31	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.35	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.38	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.31	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.19	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.33	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.27	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.21	PASS

Band5	5MHz	16QAM	20425	12RB#6	23.20	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.17	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.18	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.31	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.41	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.18	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.21	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.21	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.25	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.18	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.30	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.17	PASS
Band5	5MHz	16QAM	20625	12RB#0	23.37	PASS
Band5	5MHz	16QAM	20625	12RB#6	23.28	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.28	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.44	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.96	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.61	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.10	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.21	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.22	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.30	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.26	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.33	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.34	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.25	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.21	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.19	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.30	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.28	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.22	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.34	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.29	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.48	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.39	PASS

Band5	10MHz	16QAM	20450	1RB#0	22.93	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.14	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.15	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.24	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.21	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.31	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.64	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.39	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.42	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.19	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.19	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.33	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.35	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.26	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.40	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.20	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.47	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.48	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.34	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.35	PASS

1.2. 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	4.93	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.36	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.58	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.16	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.61	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.16	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.06	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.14	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.06	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.54	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.06	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.96	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.39	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.61	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.22	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.52	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.22	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.29	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.06	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.57	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.06	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.84	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.58	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.38	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.16	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.17	13	PASS
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Band5	5MHz	16QAM	20525	25RB#0	6.00	13	PASS

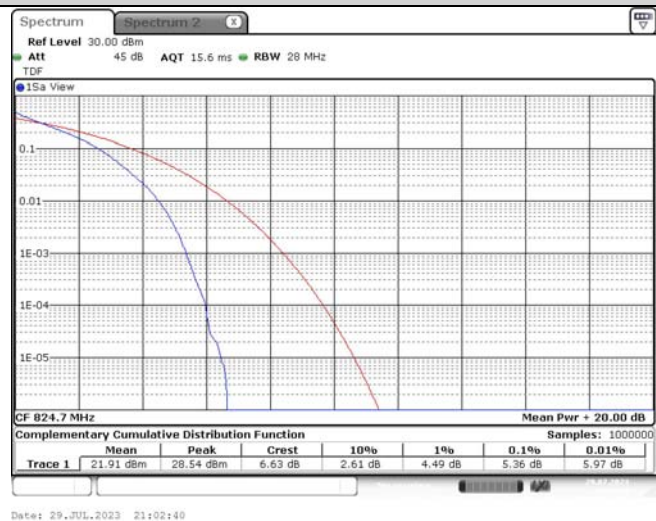
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Band5	10MHz	QPSK	20450	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.58	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.13	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.46	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.10	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.42	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.97	13	PASS
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Band5	10MHz	16QAM	20600	50RB#0	6.00	13	PASS

Test Graphs

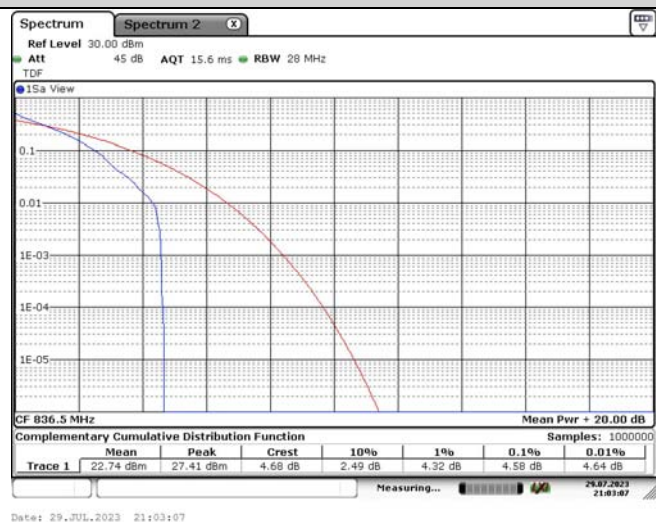
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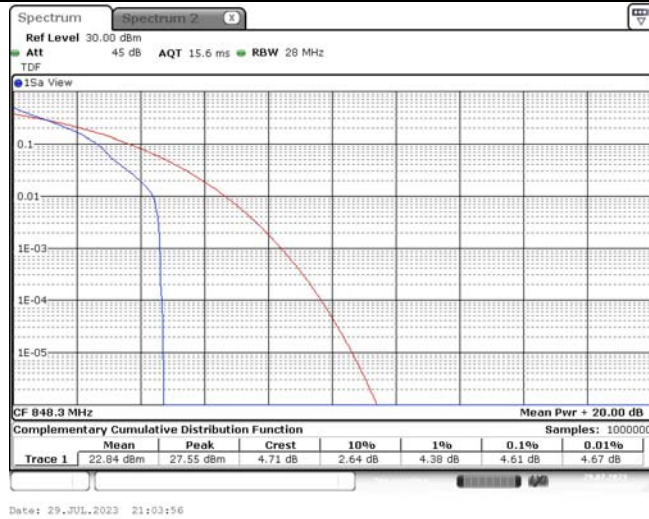
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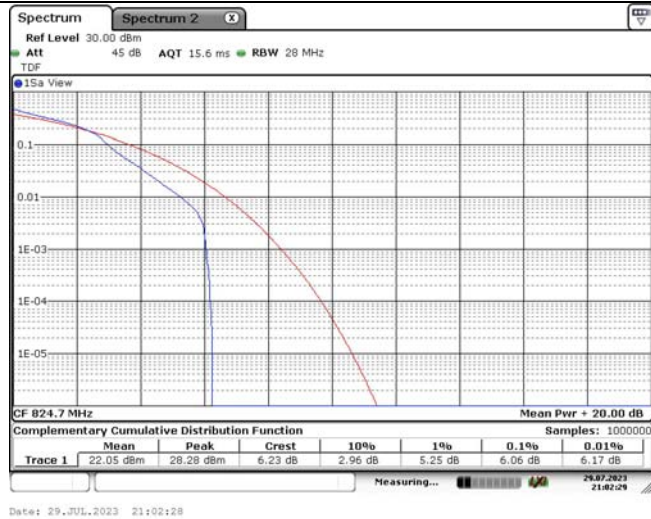
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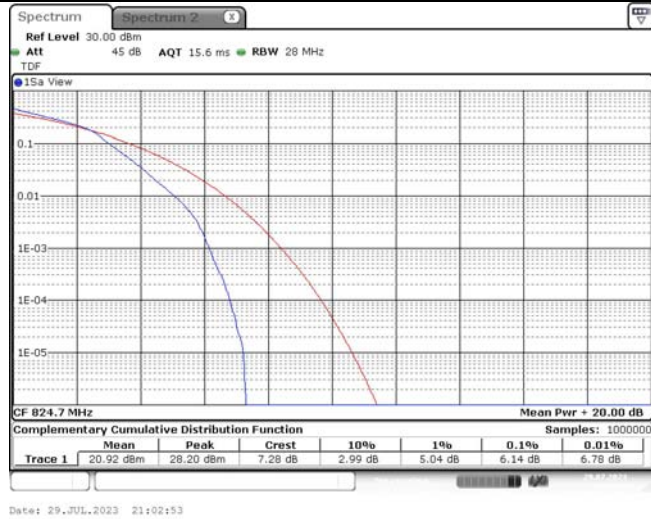
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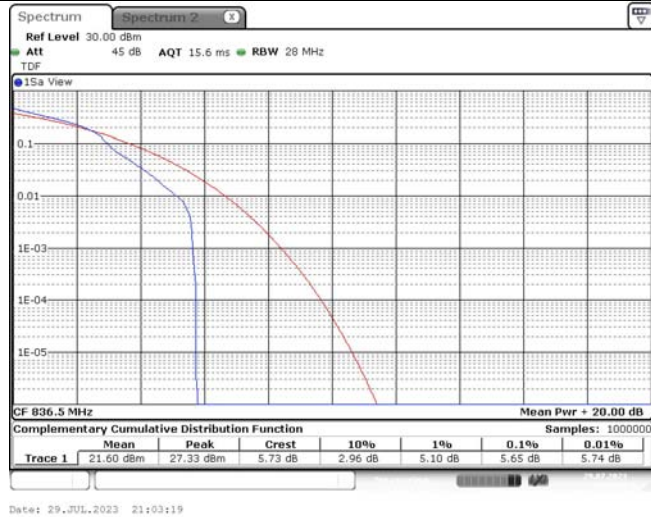
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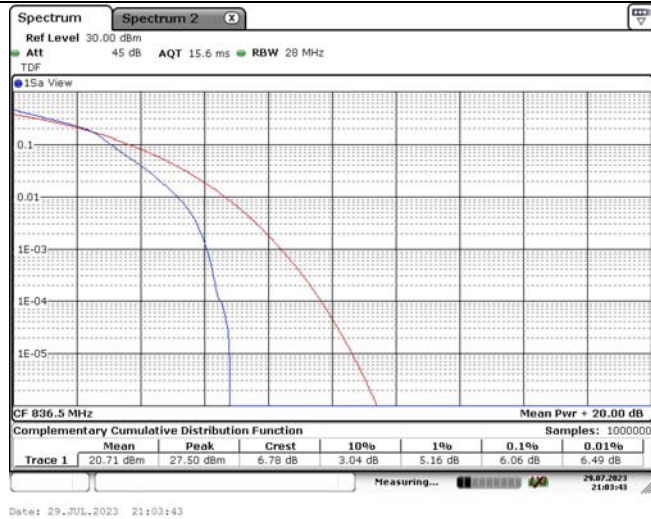
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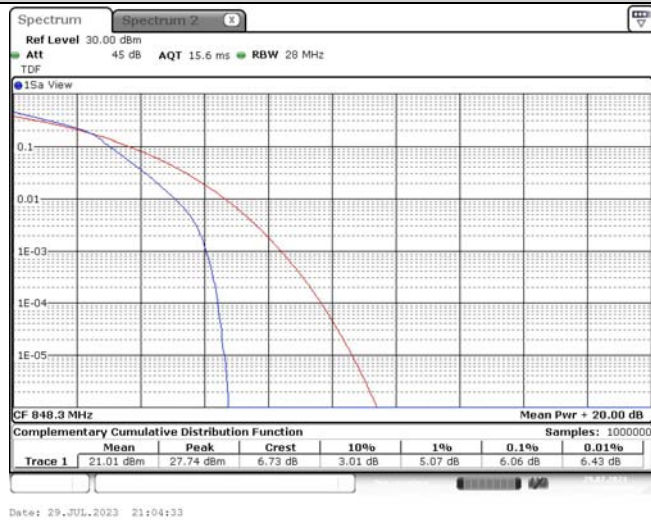
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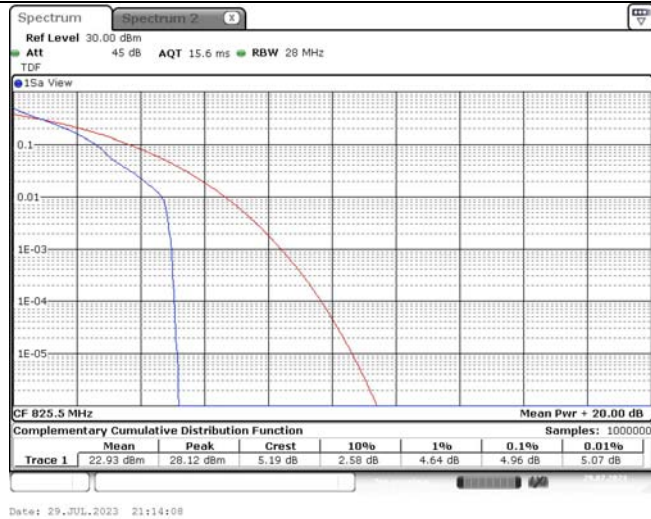
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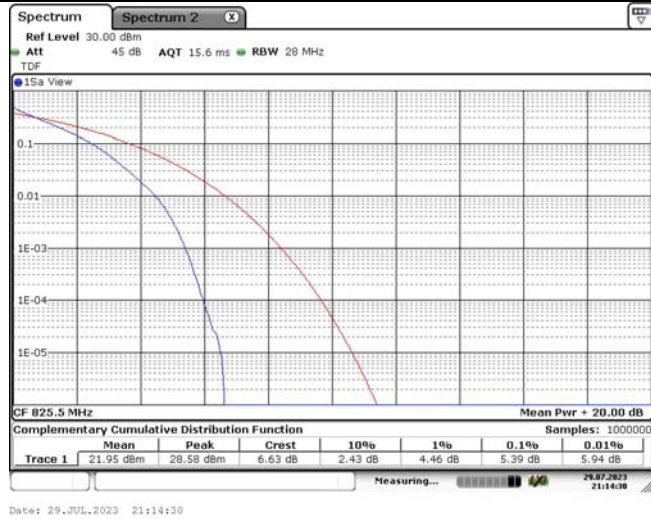
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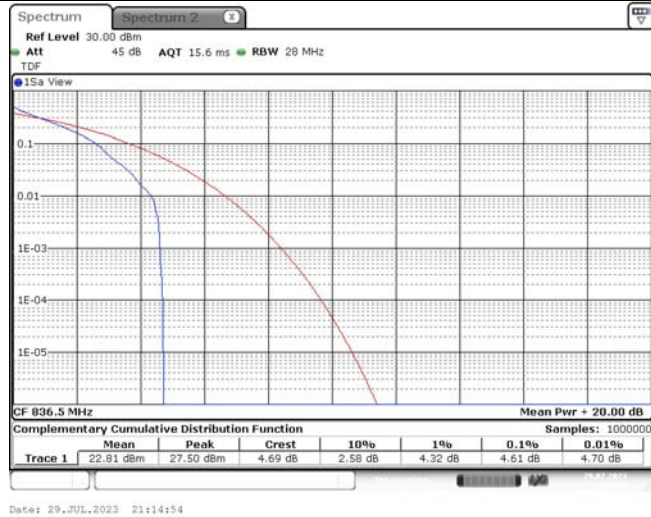
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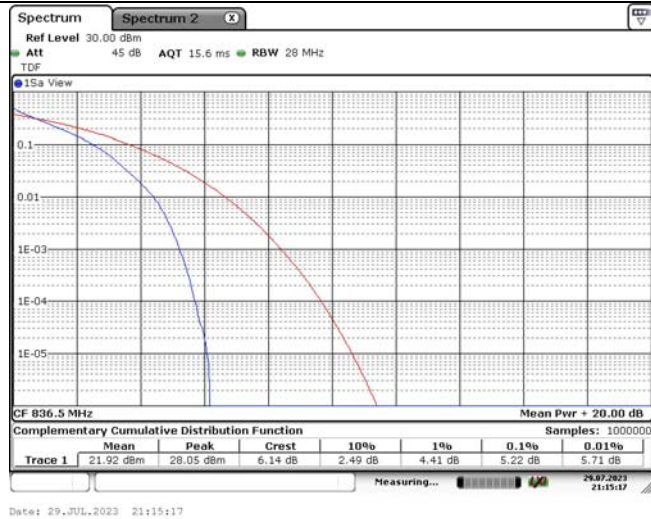
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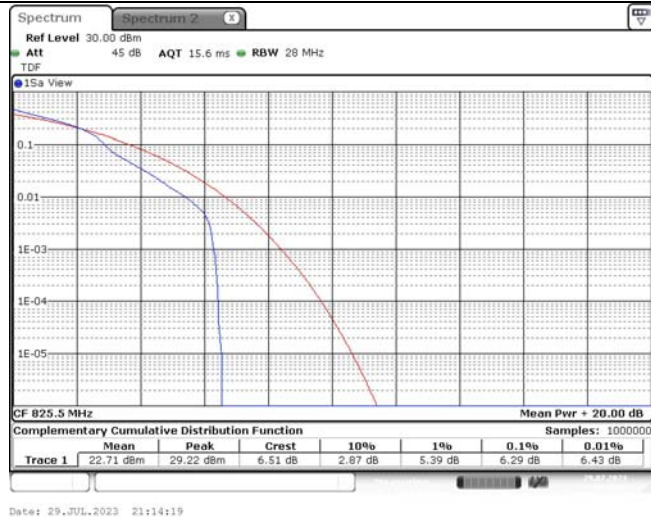
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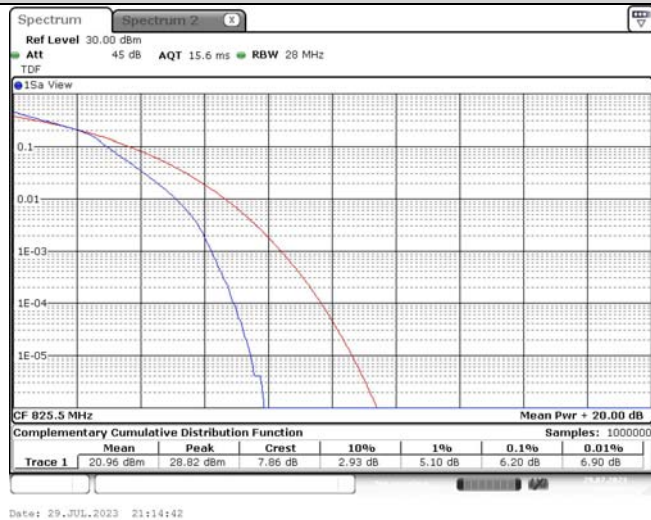
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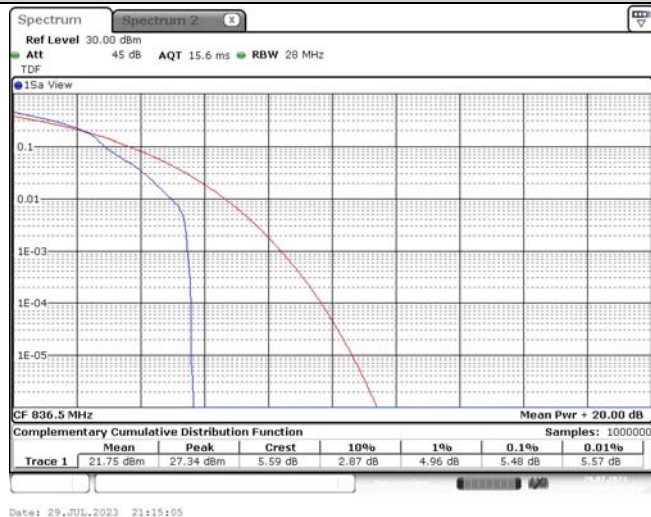
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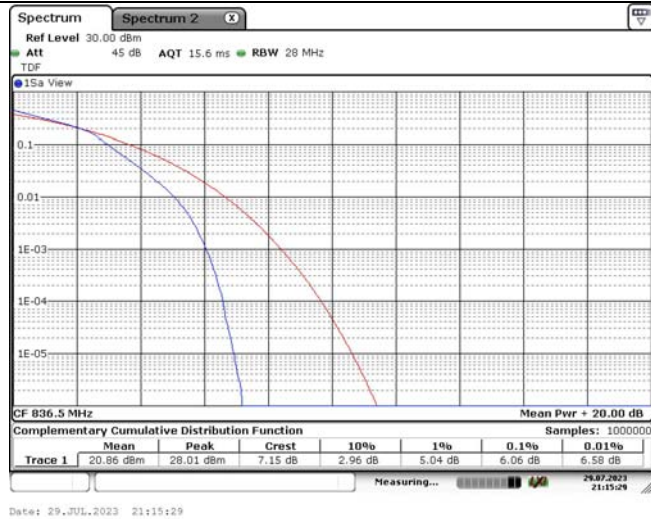
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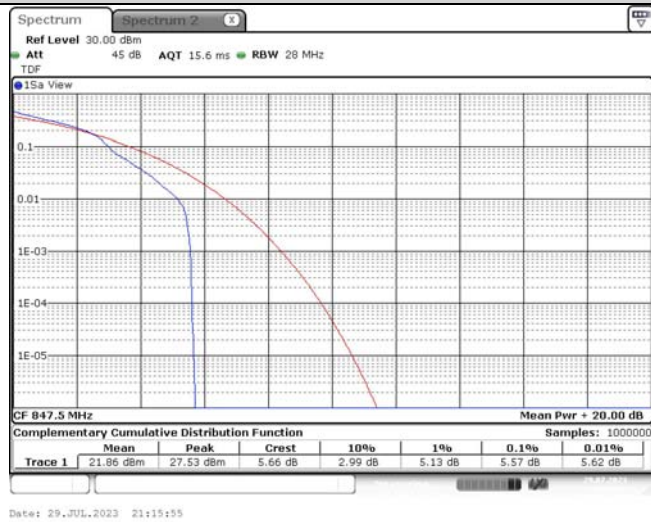
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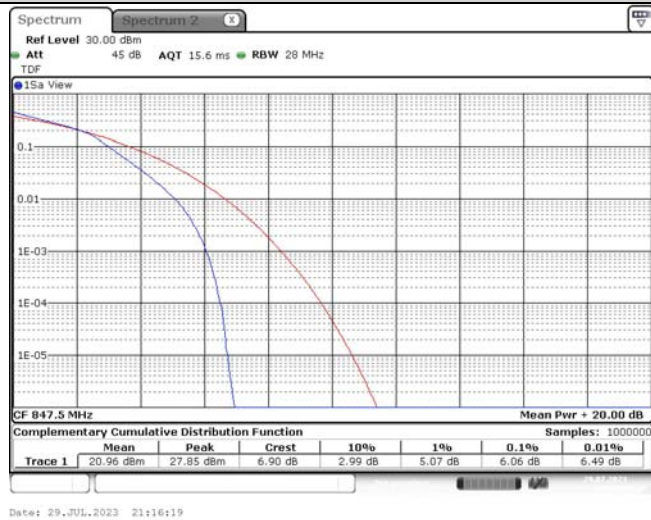
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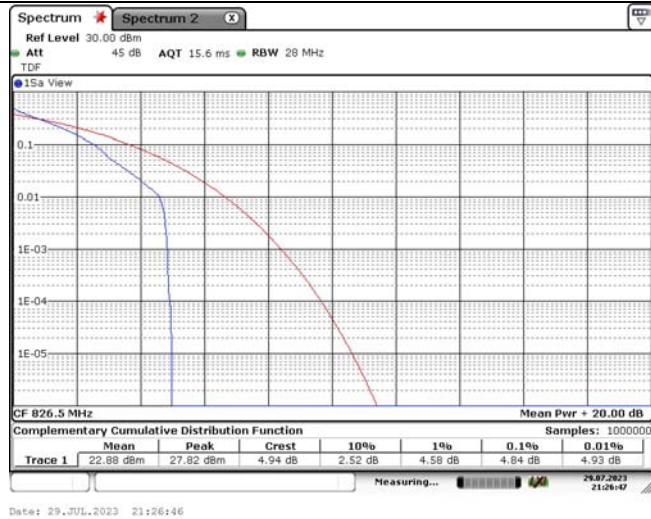
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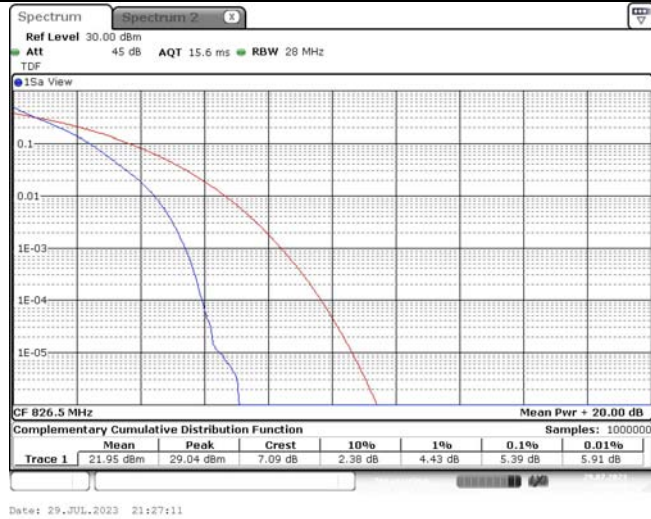
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Band5-5MHz-QPSK-20425-1RB#0



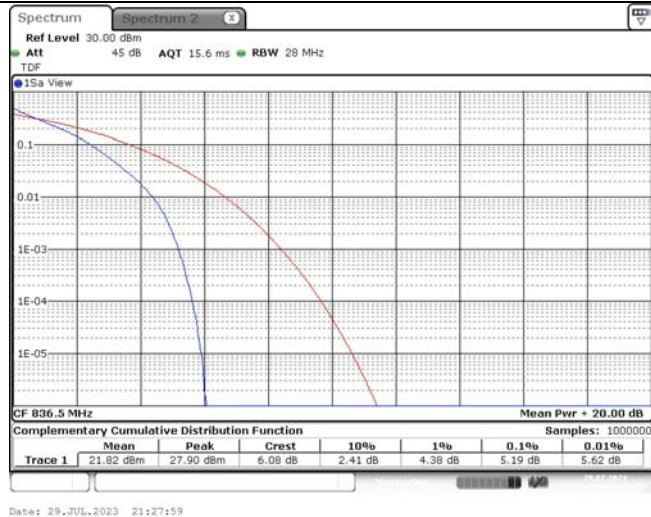
Band5-5MHz-QPSK-20425-25RB#0



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



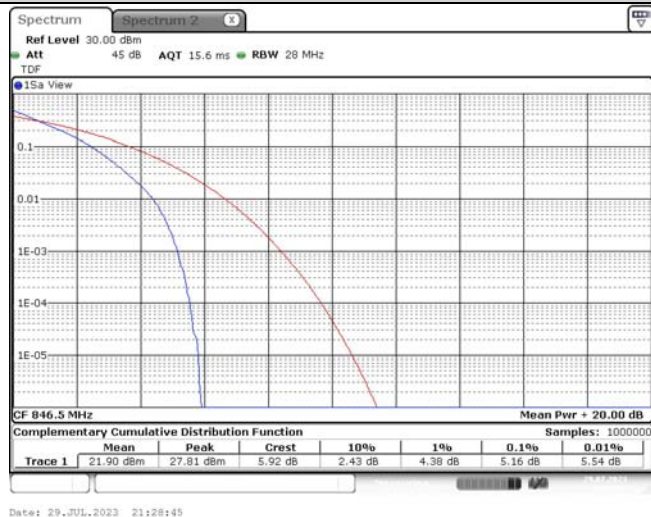
Band5-5MHz-QPSK-20525-25RB#0



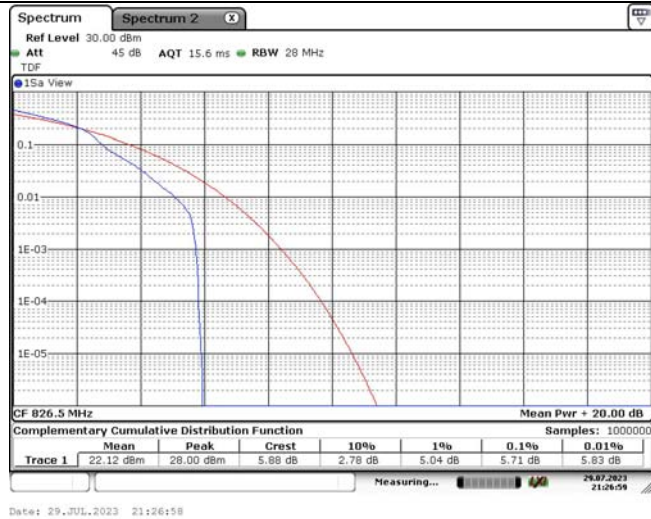
Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-25RB#0



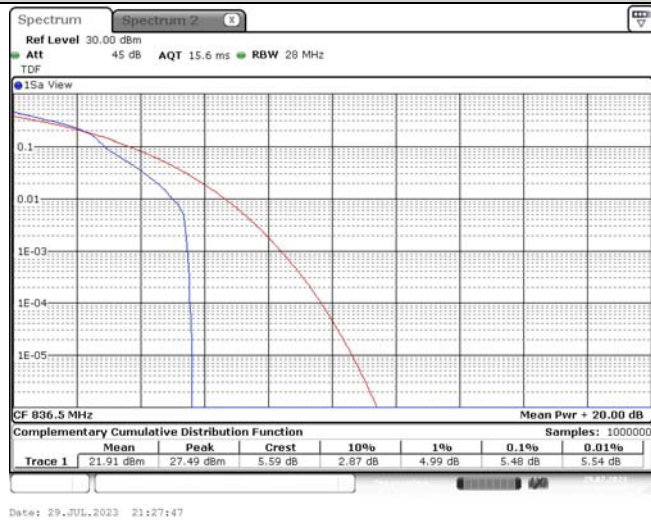
Band5-5MHz-16QAM-20425-1RB#0



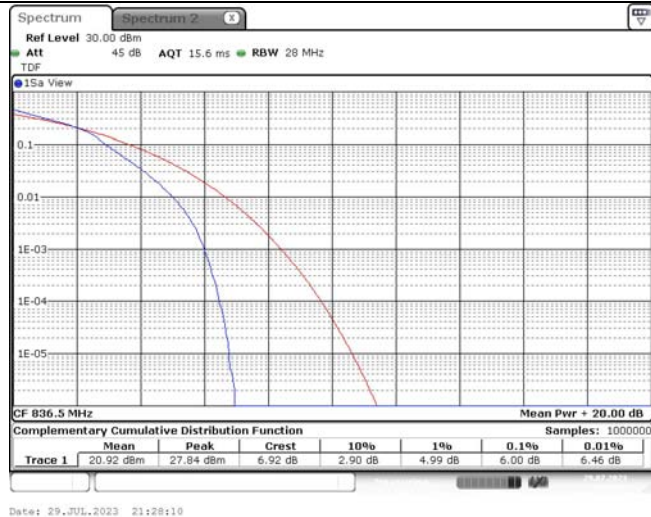
Band5-5MHz-16QAM-20425-25RB#0



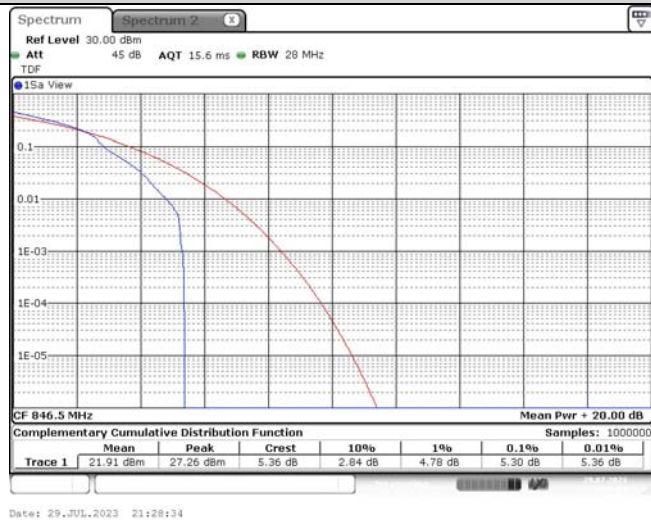
Band5-5MHz-16QAM-20525-1RB#0



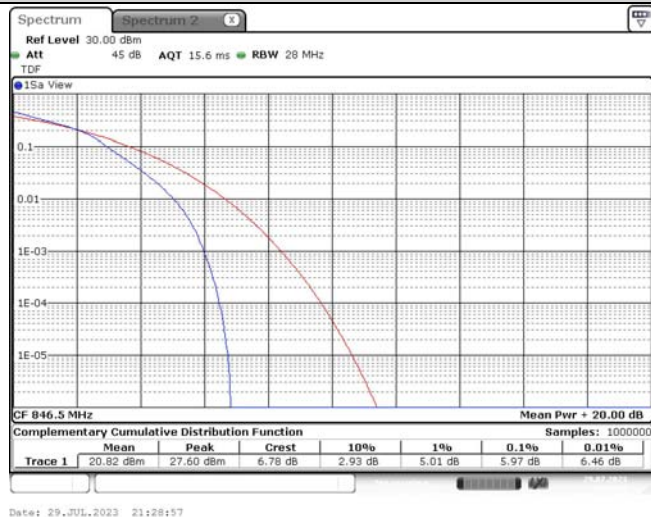
Band5-5MHz-16QAM-20525-25RB#0



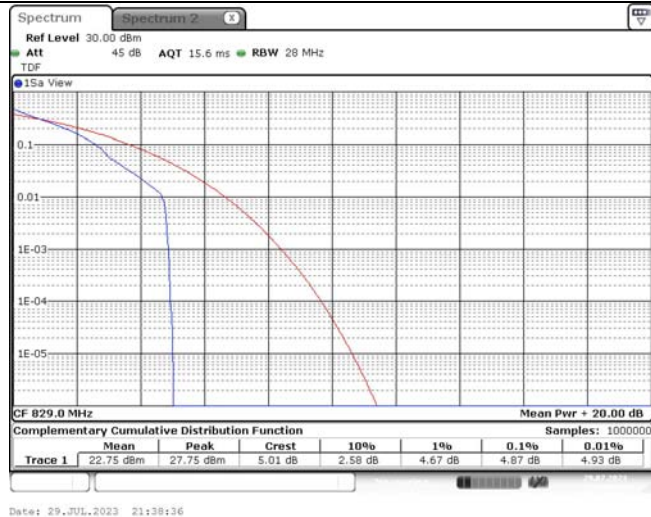
Band5-5MHz-16QAM-20625-1RB#0



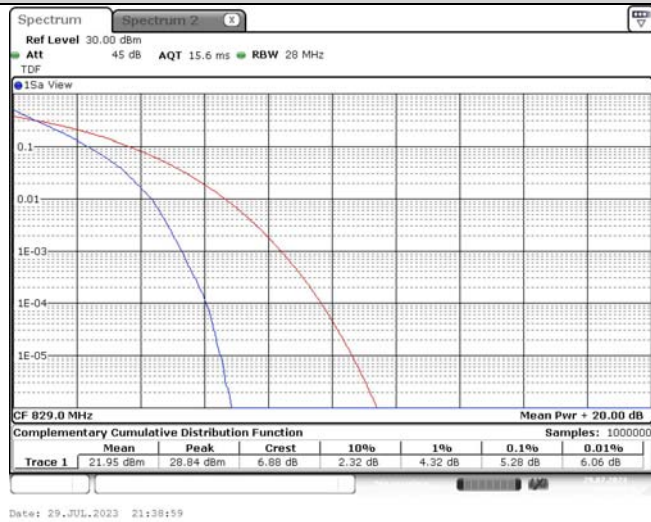
Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



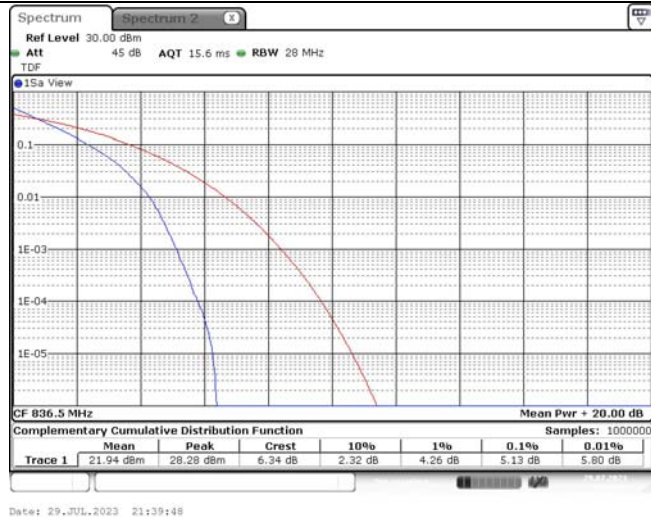
Band5-10MHz-QPSK-20450-50RB#0



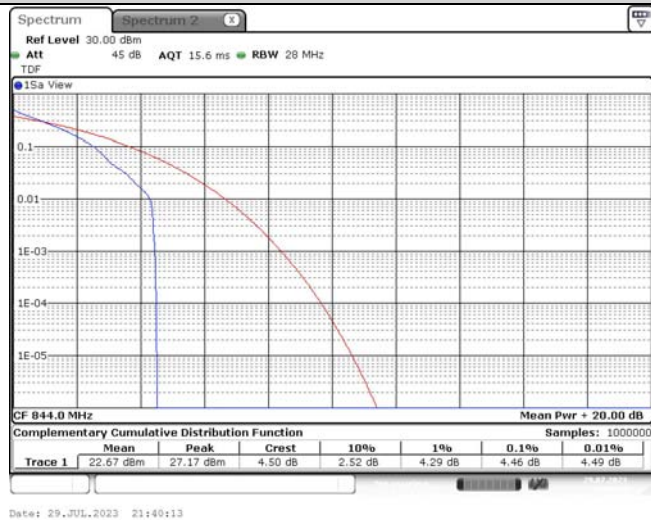
Band5-10MHz-QPSK-20525-1RB#0



Band5-10MHz-QPSK-20525-50RB#0



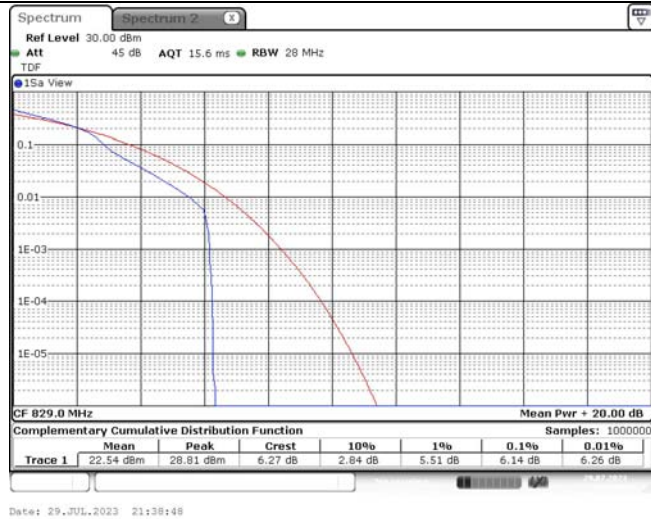
Band5-10MHz-QPSK-20600-1RB#0



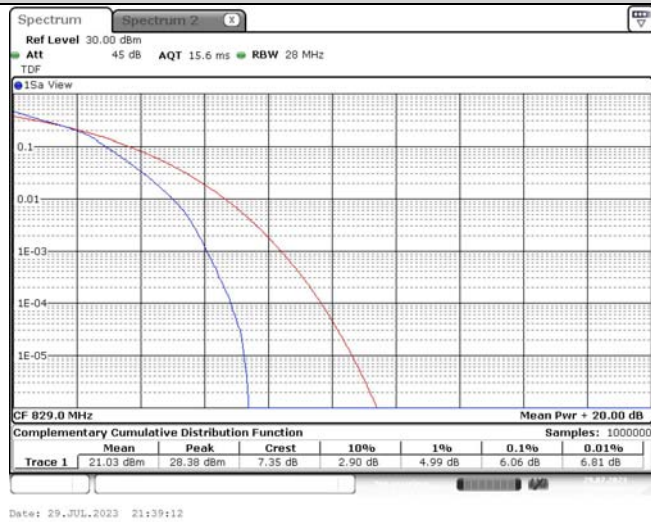
Band5-10MHz-QPSK-20600-50RB#0



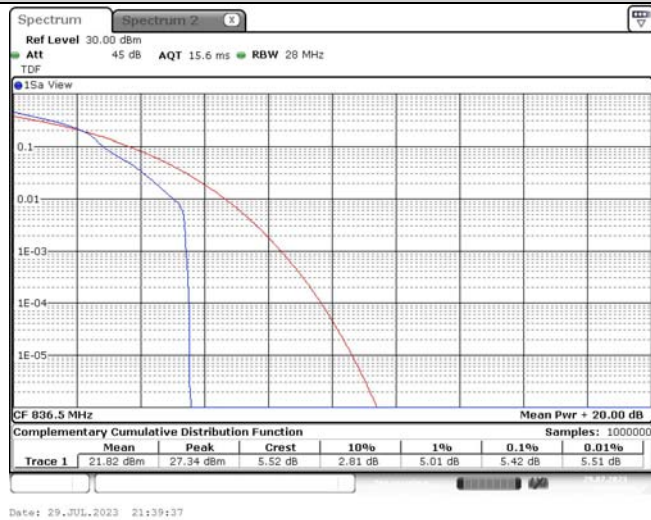
Band5-10MHz-16QAM-20450-1RB#0



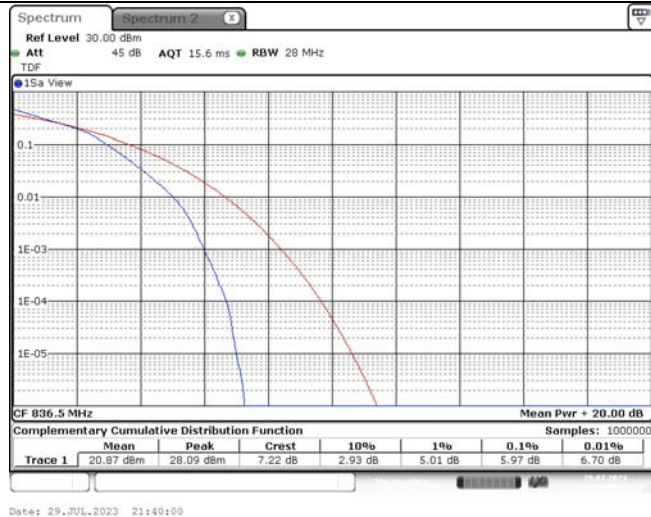
Band5-10MHz-16QAM-20450-50RB#0



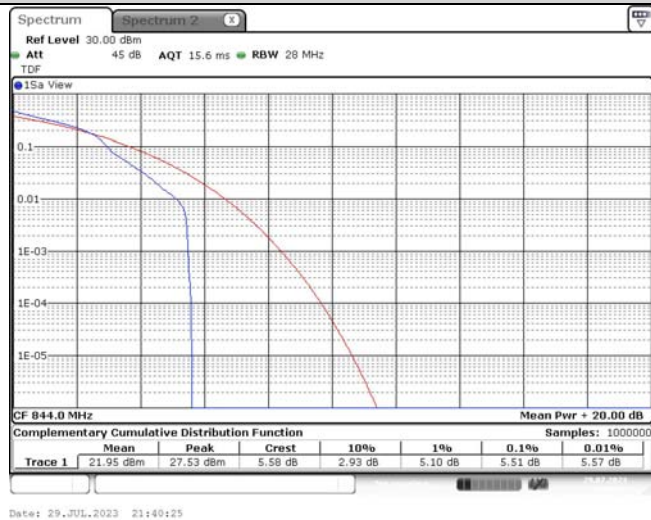
Band5-10MHz-16QAM-20525-1RB#0



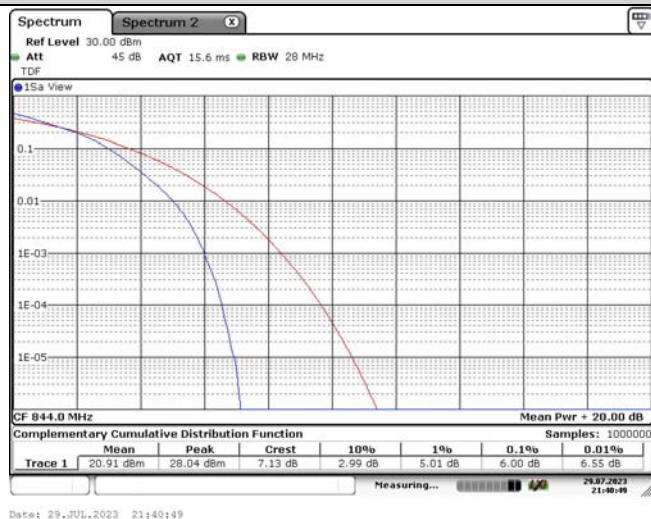
Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0



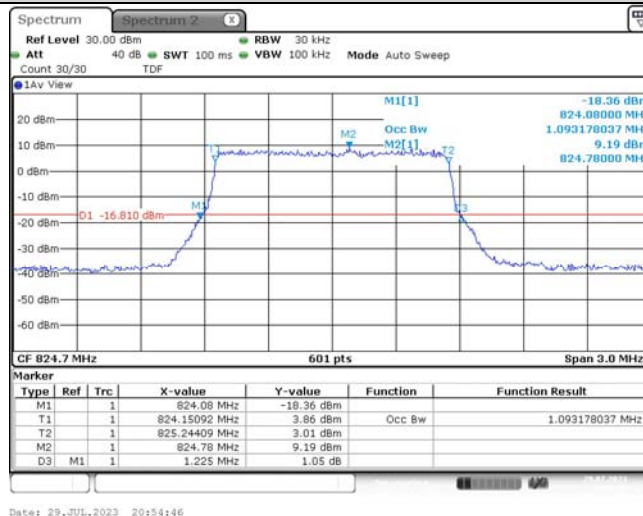
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

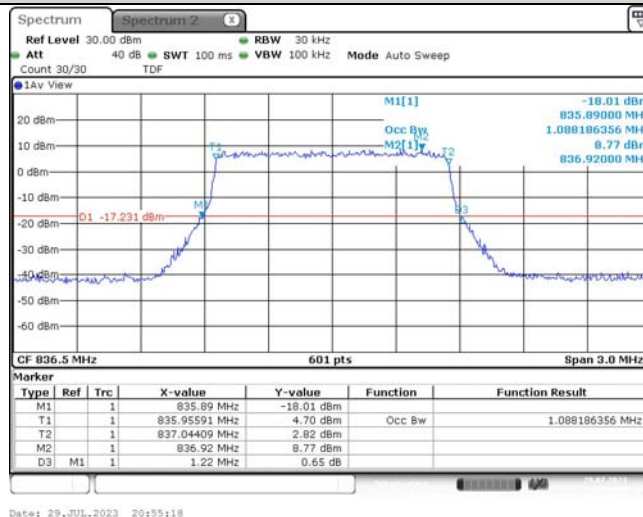
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.093	1.225	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.220	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.225	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.240	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.215	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.235	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.696	2.850	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.870	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.696	2.880	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.860	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.860	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.870	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.790	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.505	4.780	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.790	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.505	4.780	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.790	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.505	4.780	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.533	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.985	9.533	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.952	9.533	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.952	9.533	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.952	9.533	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.952	9.533	PASS

Test Graphs

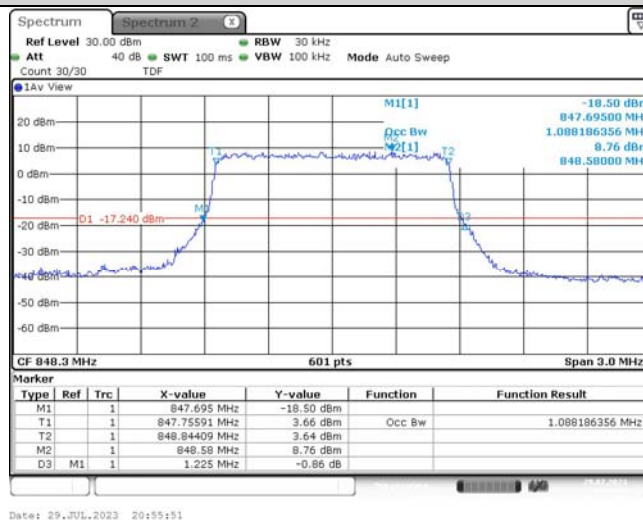
Band5-1.4MHz-QPSK-20407-6RB#0-1.093



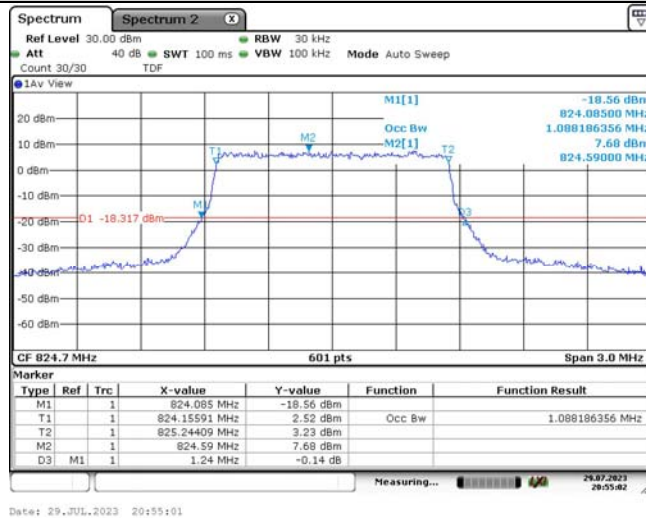
Band5-1.4MHz-QPSK-20525-6RB#0-1.088



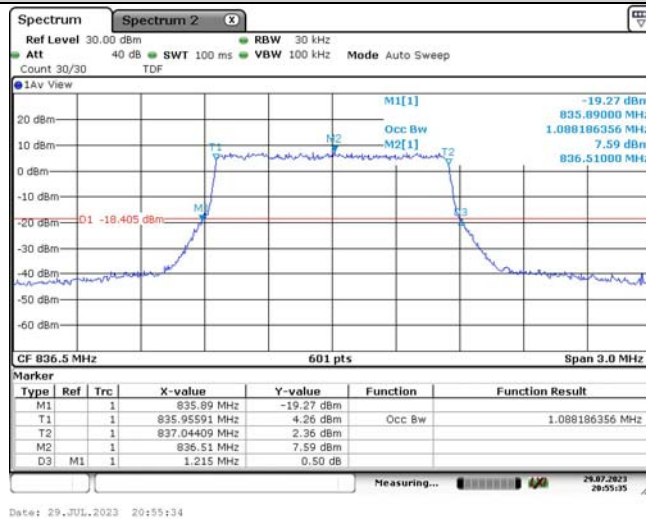
Band5-1.4MHz-QPSK-20643-6RB#0-1.088



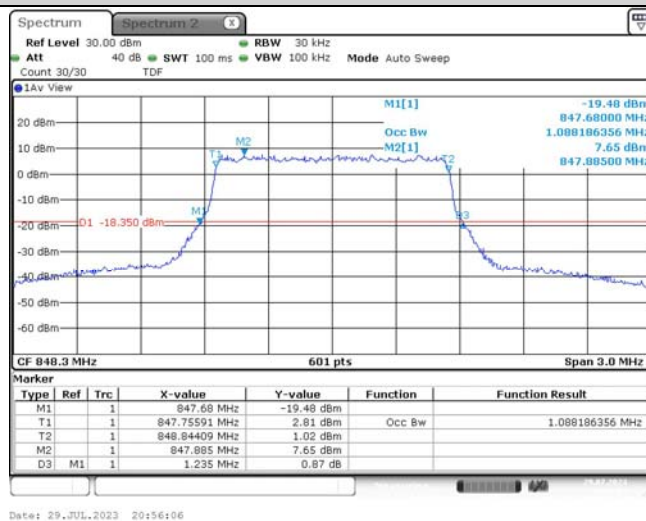
Band5-1.4MHz-16QAM-20407-6RB#0-1.088



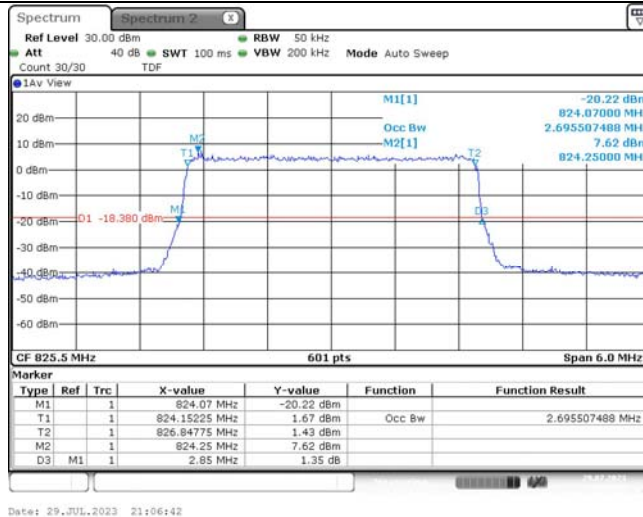
Band5-1.4MHz-16QAM-20525-6RB#0-1.088



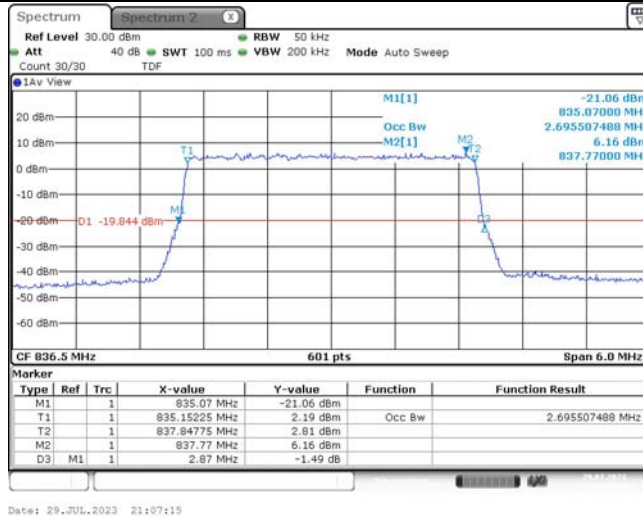
Band5-1.4MHz-16QAM-20643-6RB#0-1.088



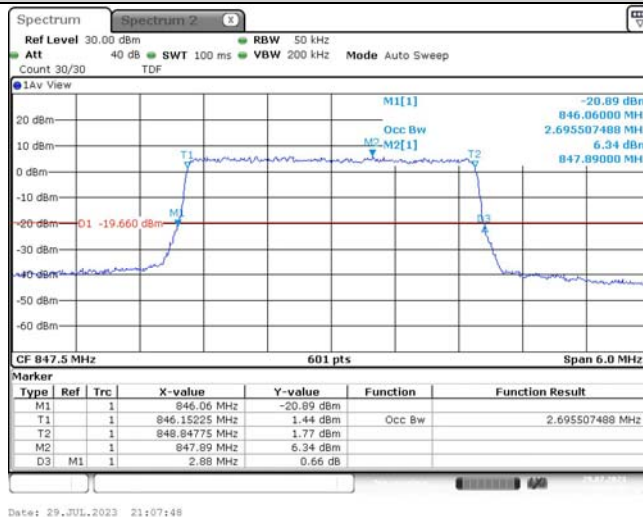
Band5-3MHz-QPSK-20415-15RB#0-2.696



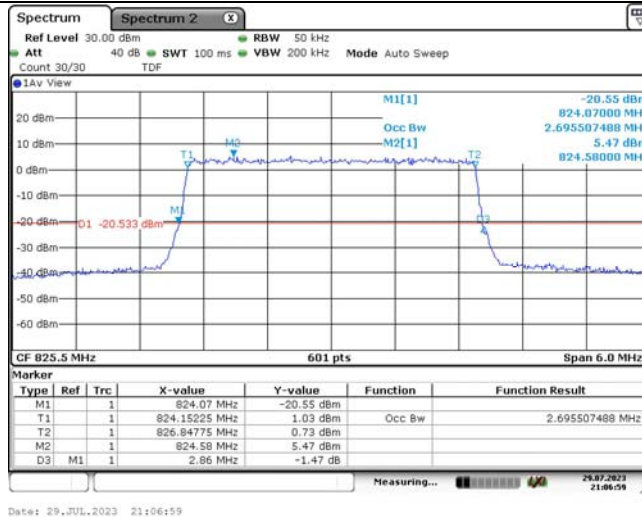
Band5-3MHz-QPSK-20525-15RB#0-2.696



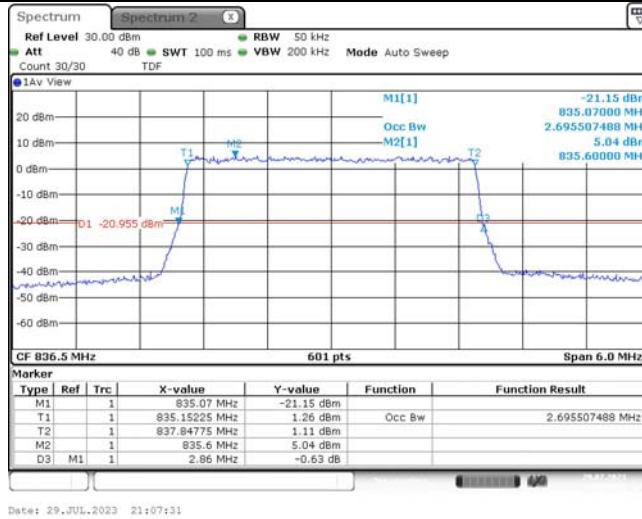
Band5-3MHz-QPSK-20635-15RB#0-2.696



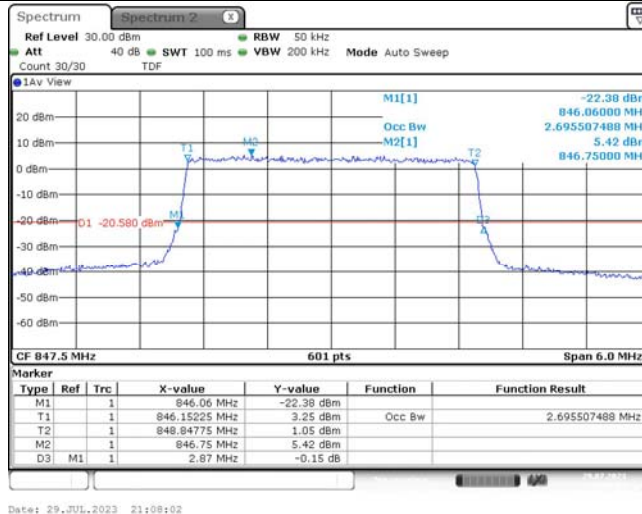
Band5-3MHz-16QAM-20415-15RB#0-2.696



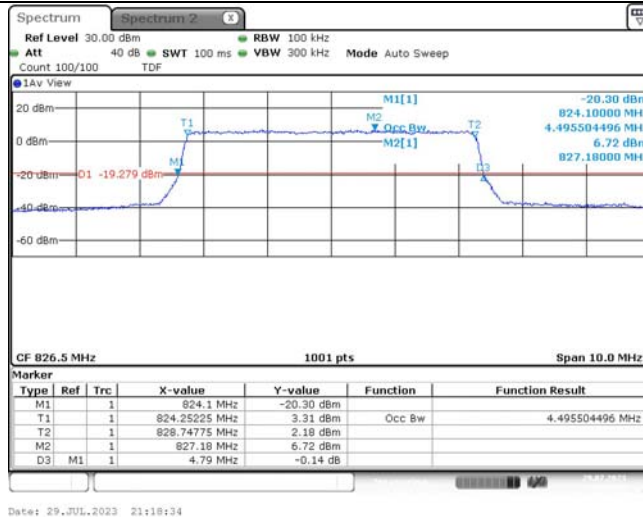
Band5-3MHz-16QAM-20525-15RB#0-2.696



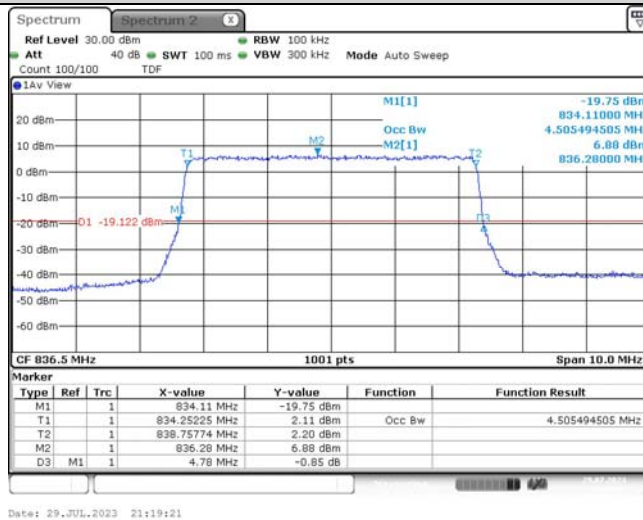
Band5-3MHz-16QAM-20635-15RB#0-2.696



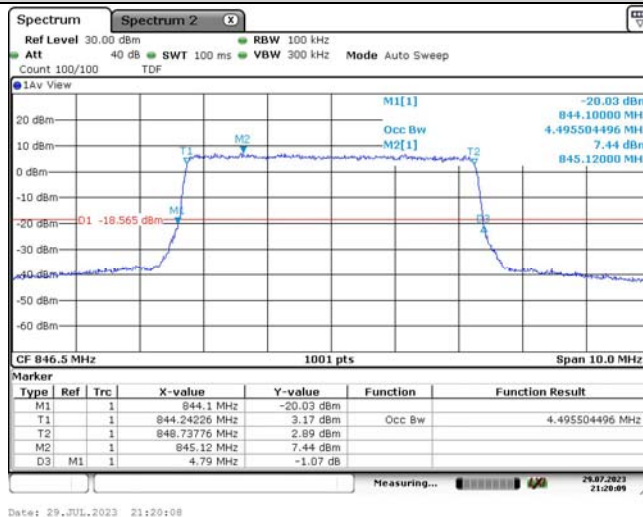
Band5-5MHz-QPSK-20425-25RB#0-4.496



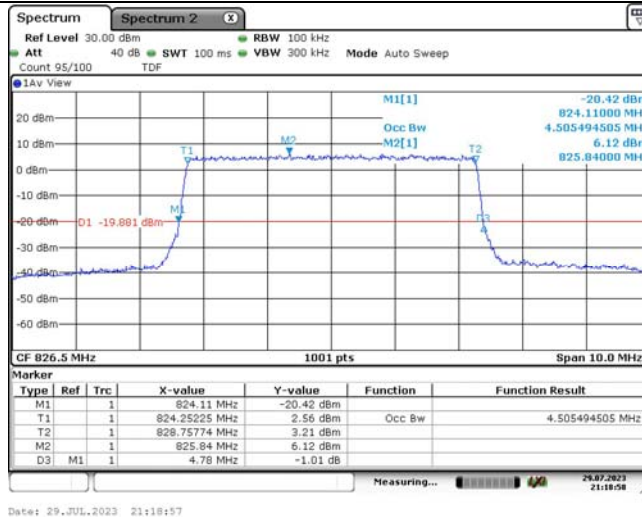
Band5-5MHz-QPSK-20525-25RB#0-4.505



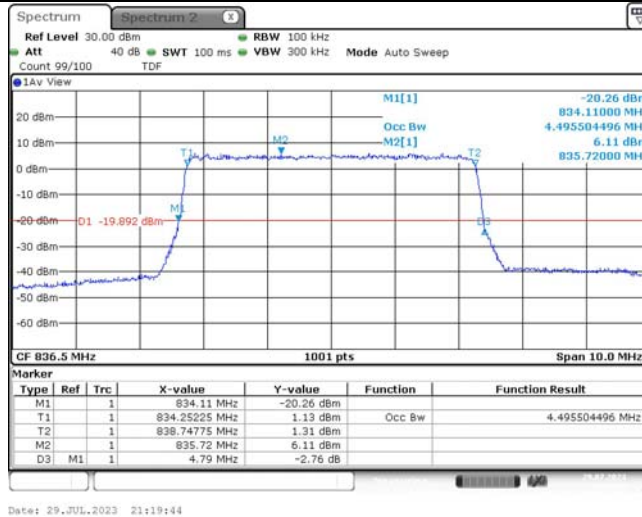
Band5-5MHz-QPSK-20625-25RB#0-4.496



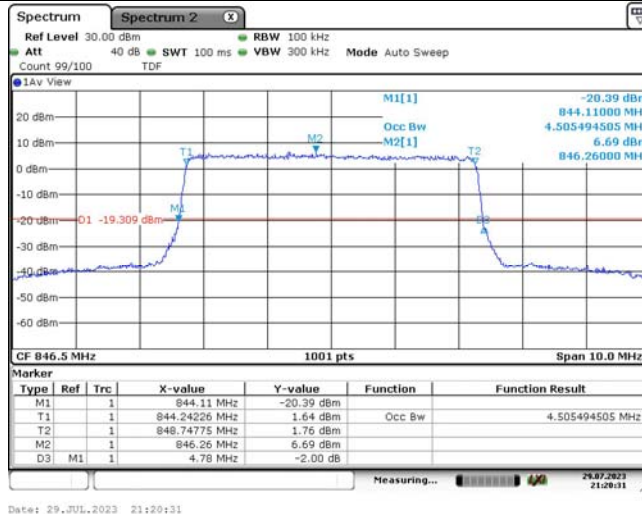
Band5-5MHz-16QAM-20425-25RB#0-4.505



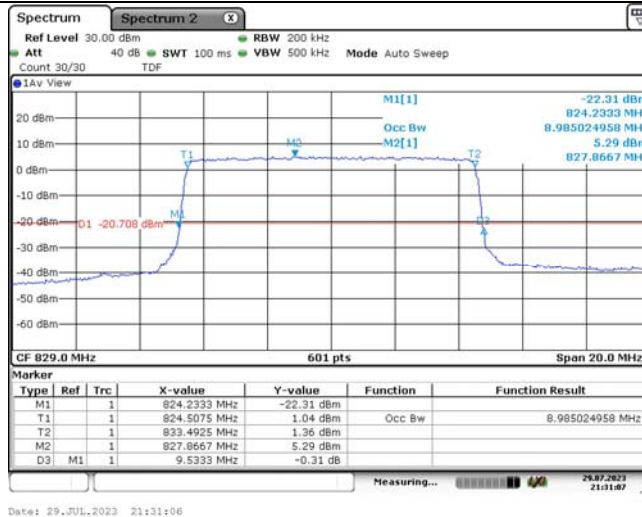
Band5-5MHz-16QAM-20525-25RB#0-4.496



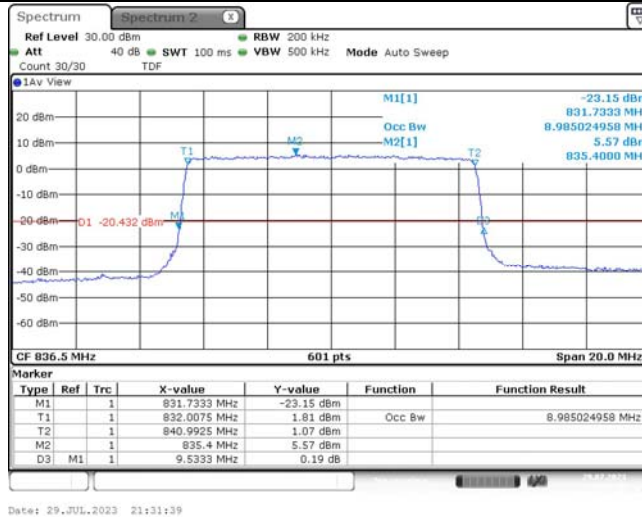
Band5-5MHz-16QAM-20625-25RB#0-4.505



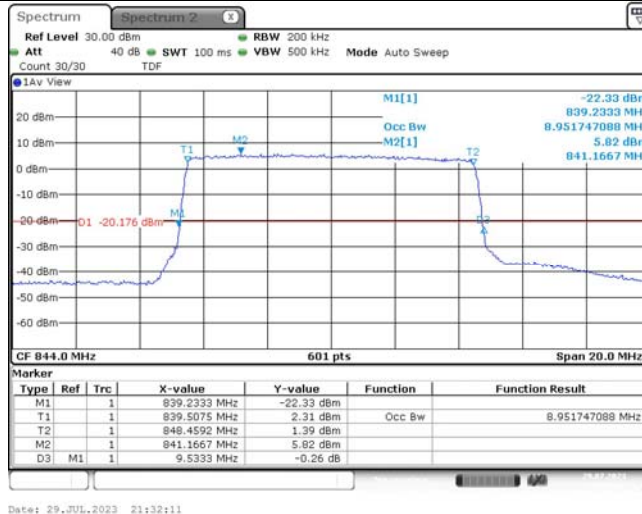
Band5-10MHz-QPSK-20450-50RB#0-8.985



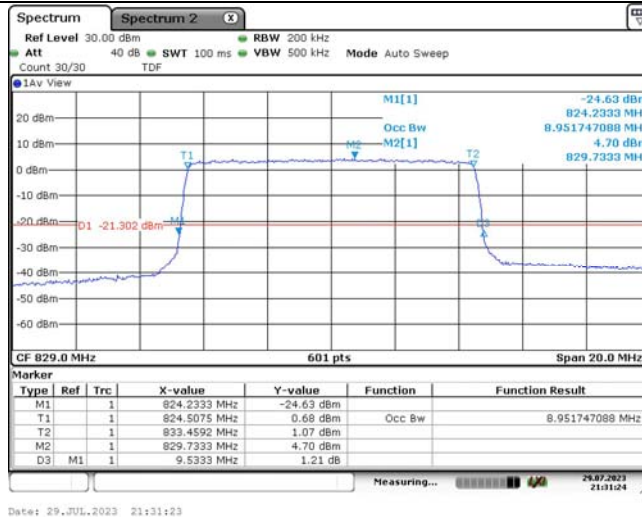
Band5-10MHz-QPSK-20525-50RB#0-8.985



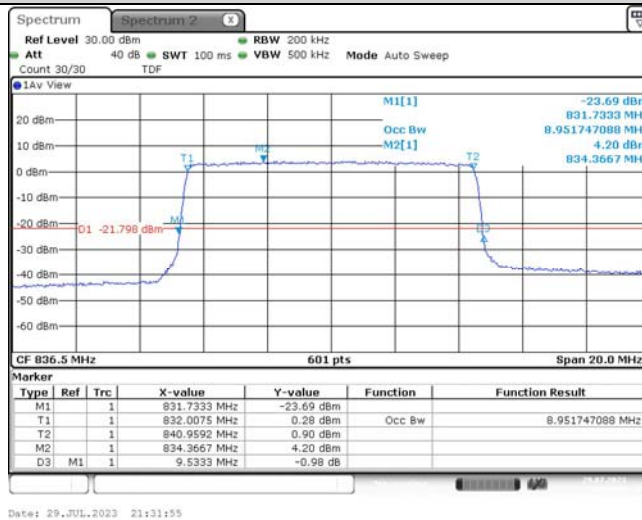
Band5-10MHz-QPSK-20600-50RB#0-8.952



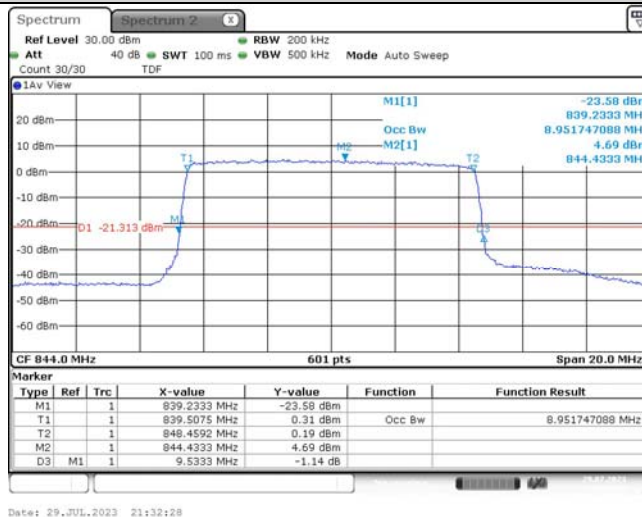
Band5-10MHz-16QAM-20450-50RB#0-8.952



Band5-10MHz-16QAM-20525-50RB#0-8.952



Band5-10MHz-16QAM-20600-50RB#0-8.952



1.4. Appendix D: Band Edge

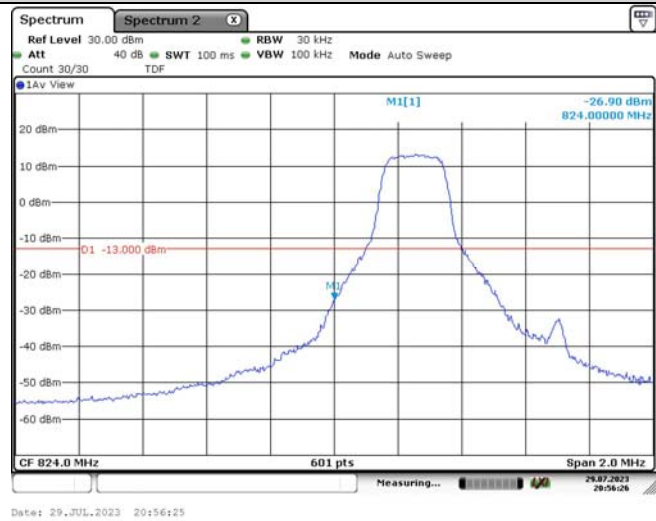
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-26.90	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-51.98	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-32.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-46.24	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-27.71	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-33.08	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-28.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-51.07	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-33.80	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-47.49	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-27.89	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-33.94	PASS
Band5	3MHz	QPSK	20415	1RB#0	-24.29	PASS
Band5	3MHz	QPSK	20415	1RB#14	-47.32	PASS
Band5	3MHz	QPSK	20415	15RB#0	-31.36	PASS
Band5	3MHz	QPSK	20635	1RB#0	-47.90	PASS
Band5	3MHz	QPSK	20635	1RB#14	-25.28	PASS
Band5	3MHz	QPSK	20635	15RB#0	-31.84	PASS
Band5	3MHz	16QAM	20415	1RB#0	-25.58	PASS
Band5	3MHz	16QAM	20415	1RB#14	-47.95	PASS
Band5	3MHz	16QAM	20415	15RB#0	-33.28	PASS
Band5	3MHz	16QAM	20635	1RB#0	-48.89	PASS
Band5	3MHz	16QAM	20635	1RB#14	-27.13	PASS
Band5	3MHz	16QAM	20635	15RB#0	-32.99	PASS
Band5	5MHz	QPSK	20425	1RB#0	-25.83	PASS
Band5	5MHz	QPSK	20425	1RB#24	-54.53	PASS
Band5	5MHz	QPSK	20425	25RB#0	-32.93	PASS
Band5	5MHz	QPSK	20625	1RB#0	-54.76	PASS
Band5	5MHz	QPSK	20625	1RB#24	-26.37	PASS
Band5	5MHz	QPSK	20625	25RB#0	-33.01	PASS
Band5	5MHz	16QAM	20425	1RB#0	-27.14	PASS
Band5	5MHz	16QAM	20425	1RB#24	-54.59	PASS
Band5	5MHz	16QAM	20425	25RB#0	-33.84	PASS

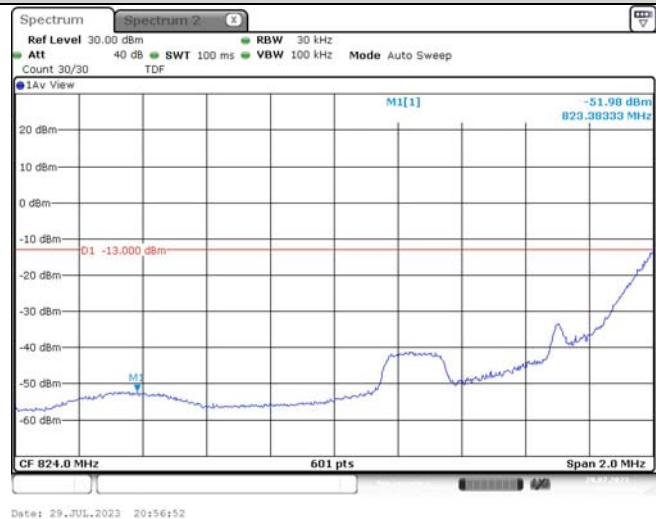
Band5	5MHz	16QAM	20625	1RB#0	-54.80	PASS
Band5	5MHz	16QAM	20625	1RB#24	-28.10	PASS
Band5	5MHz	16QAM	20625	25RB#0	-32.99	PASS
Band5	10MHz	QPSK	20450	1RB#0	-34.05	PASS
Band5	10MHz	QPSK	20450	1RB#49	-50.92	PASS
Band5	10MHz	QPSK	20450	50RB#0	-34.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.58	PASS
Band5	10MHz	QPSK	20600	1RB#49	-34.69	PASS
Band5	10MHz	QPSK	20600	50RB#0	-34.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	-35.14	PASS
Band5	10MHz	16QAM	20450	1RB#49	-51.23	PASS
Band5	10MHz	16QAM	20450	50RB#0	-36.89	PASS
Band5	10MHz	16QAM	20600	1RB#0	-51.70	PASS
Band5	10MHz	16QAM	20600	1RB#49	-35.72	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.51	PASS

Test Graphs

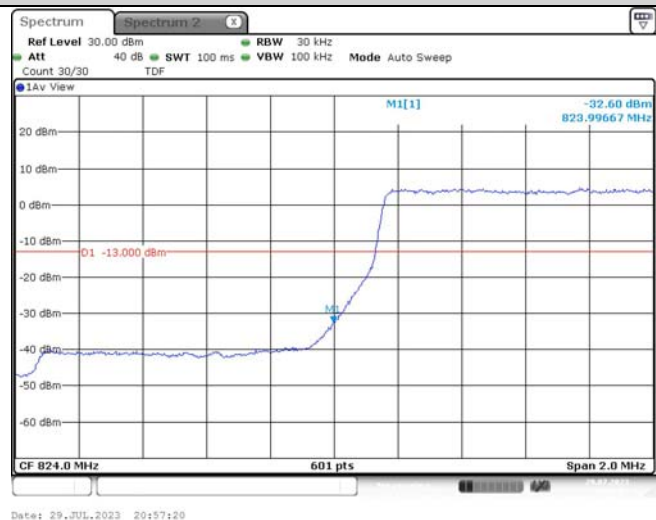
Band5-1.4MHz-QPSK-20407-1RB#0



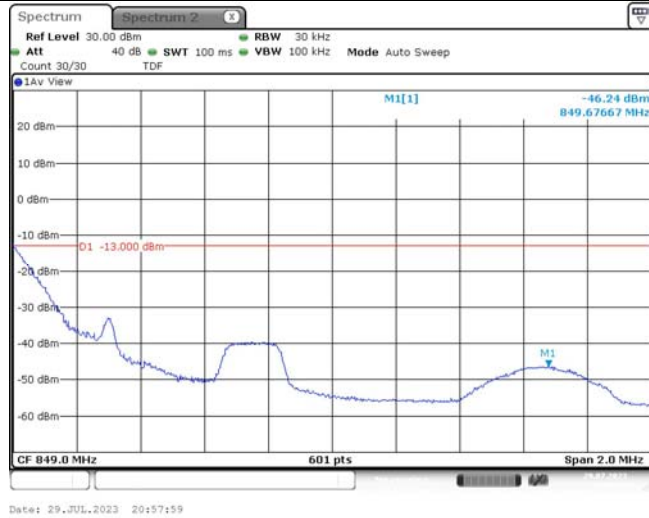
Band5-1.4MHz-QPSK-20407-1RB#5



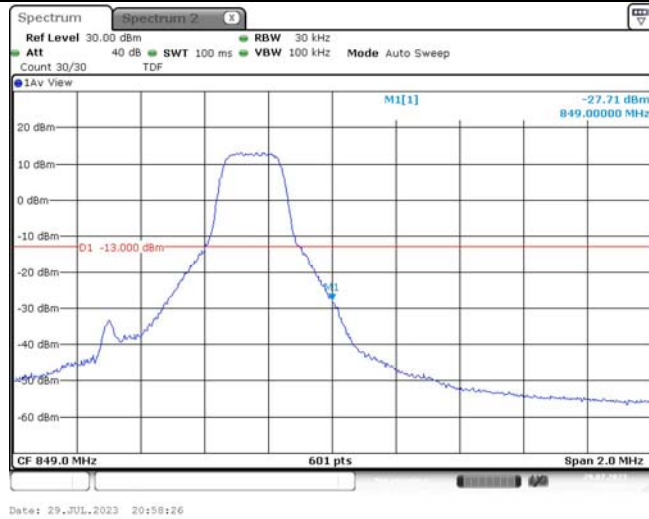
Band5-1.4MHz-QPSK-20407-6RB#0



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



Band5-1.4MHz-QPSK-20643-1RB#5



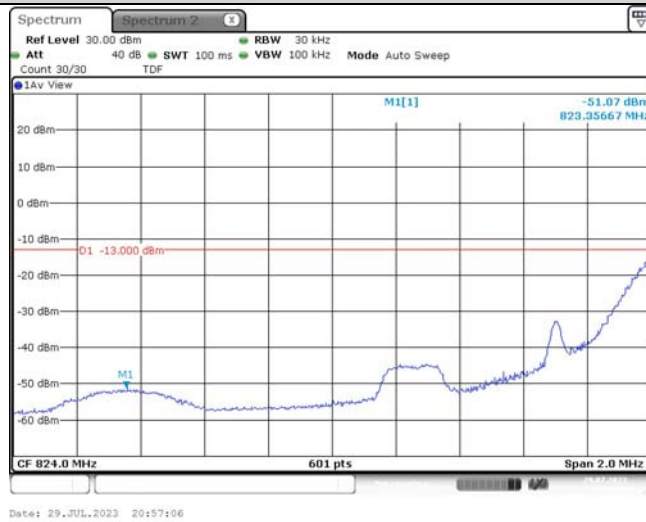
Band5-1.4MHz-QPSK-20643-6RB#0



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



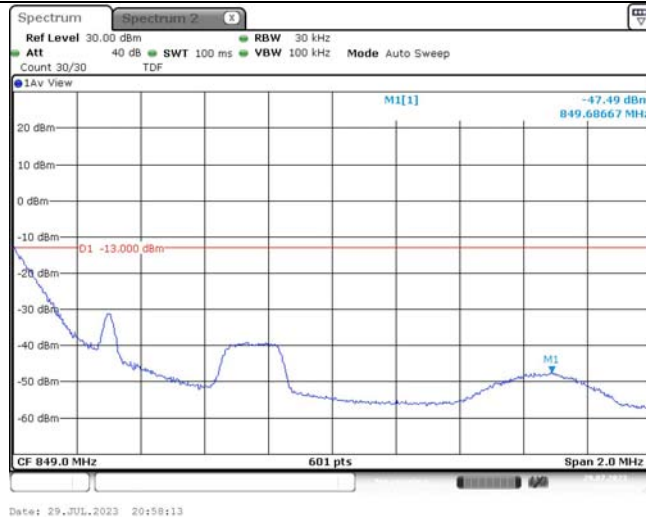
Band5-1.4MHz-16QAM-20407-1RB#5



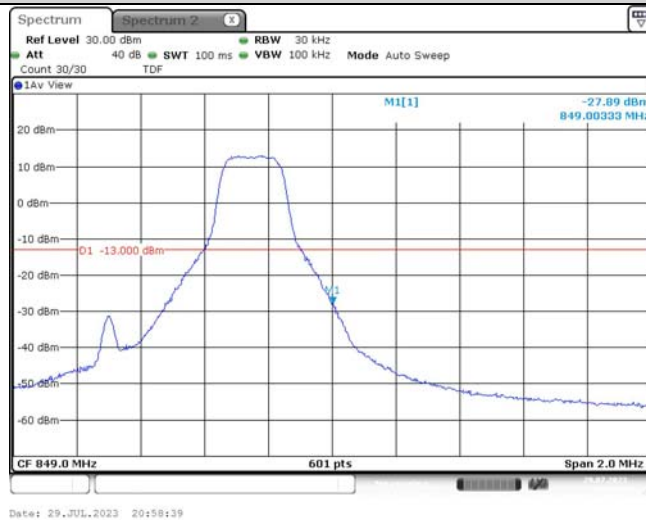
Band5-1.4MHz-16QAM-20407-6RB#0



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



Band5-1.4MHz-16QAM-20643-1RB#5



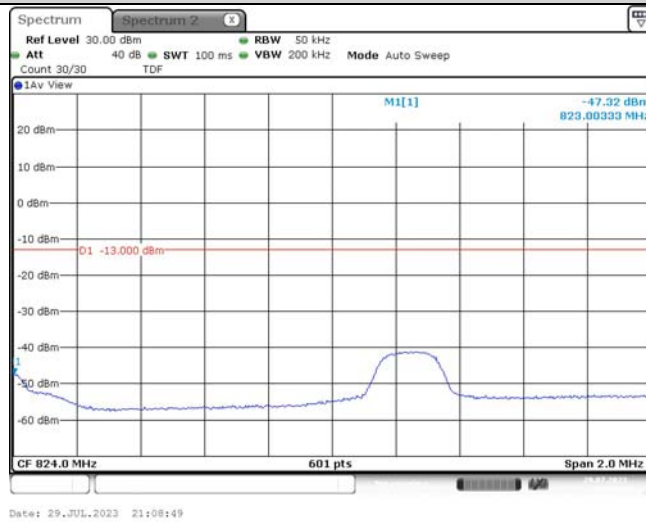
Band5-1.4MHz-16QAM-20643-6RB#0



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



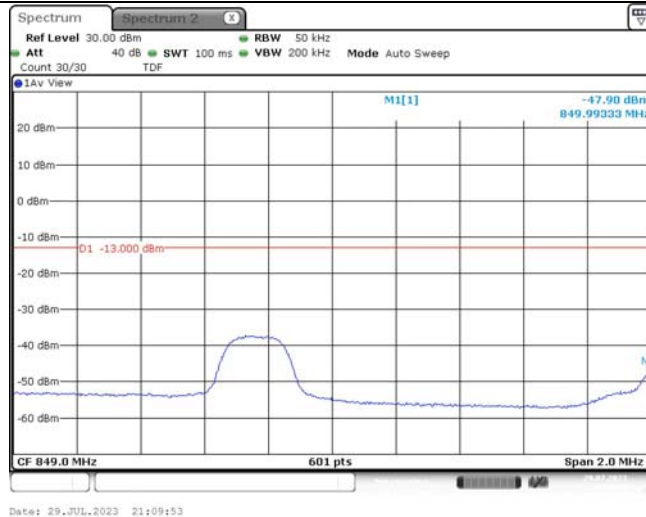
Band5-3MHz-QPSK-20415-1RB#14



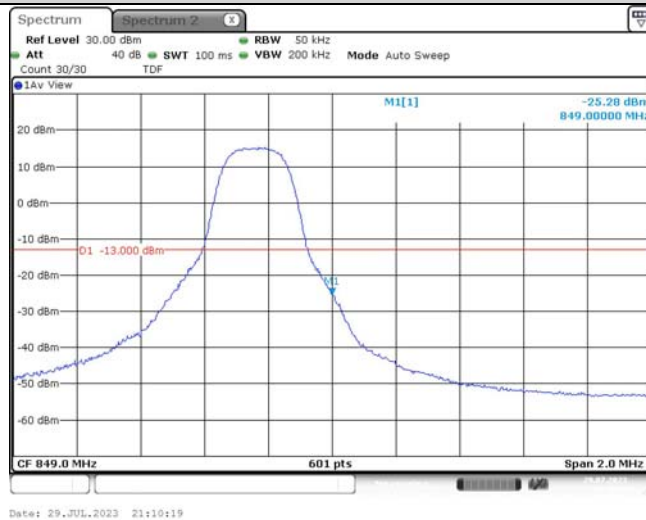
Band5-3MHz-QPSK-20415-15RB#0



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



Band5-3MHz-QPSK-20635-1RB#14



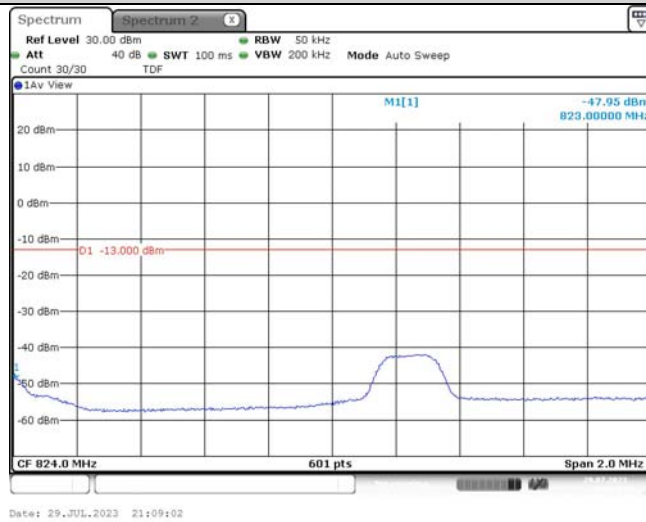
Band5-3MHz-QPSK-20635-15RB#0



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



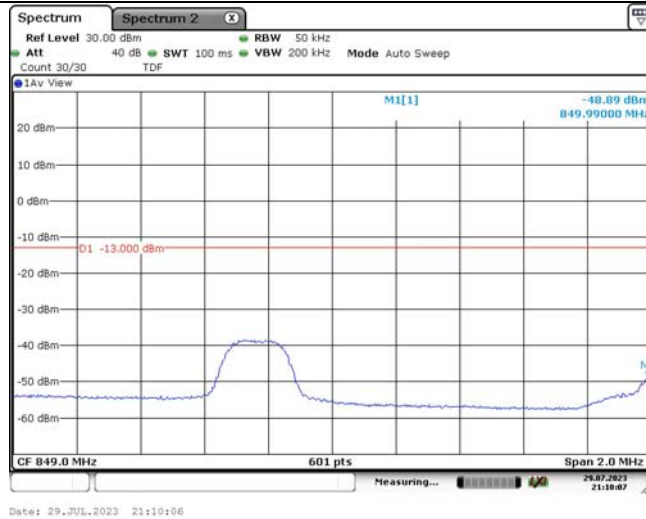
Band5-3MHz-16QAM-20415-1RB#14



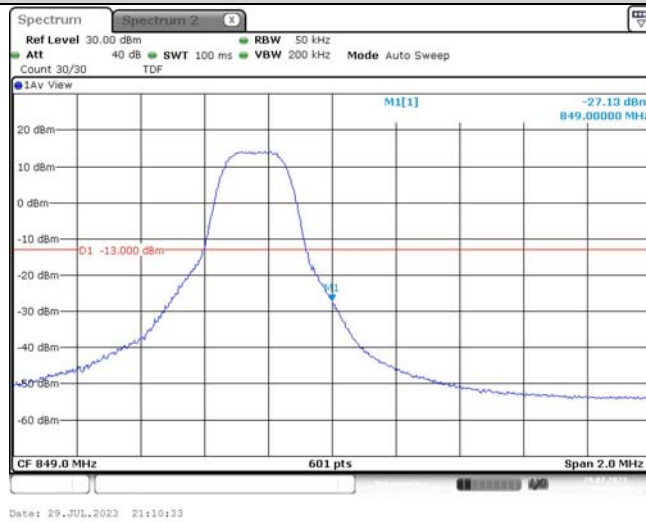
Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-1RB#0



Band5-3MHz-16QAM-20635-1RB#14



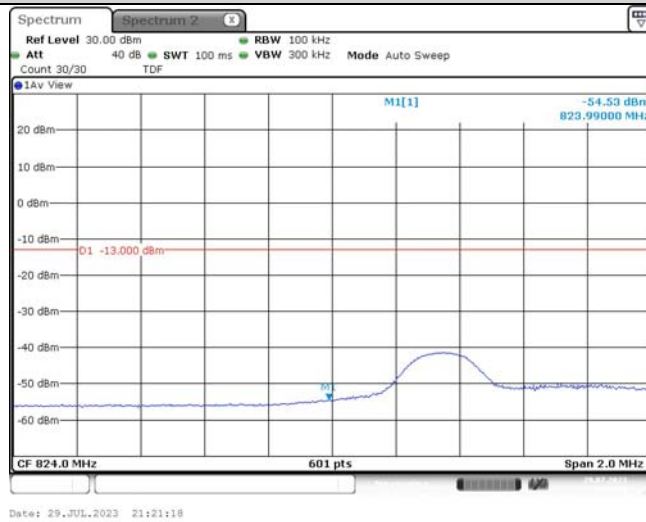
Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



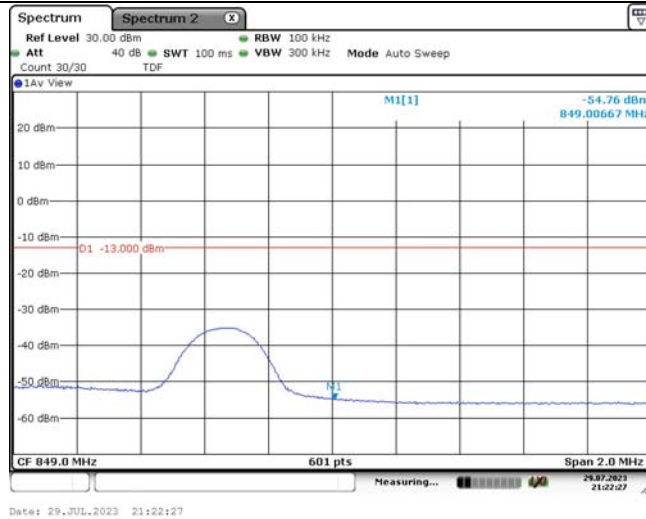
Band5-5MHz-QPSK-20425-1RB#24



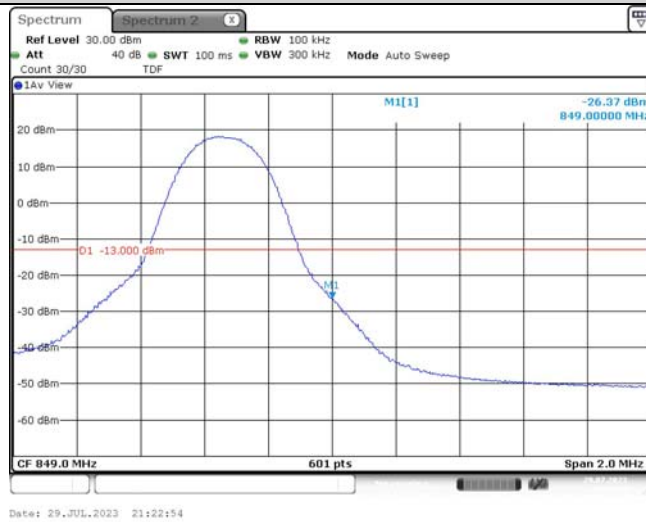
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



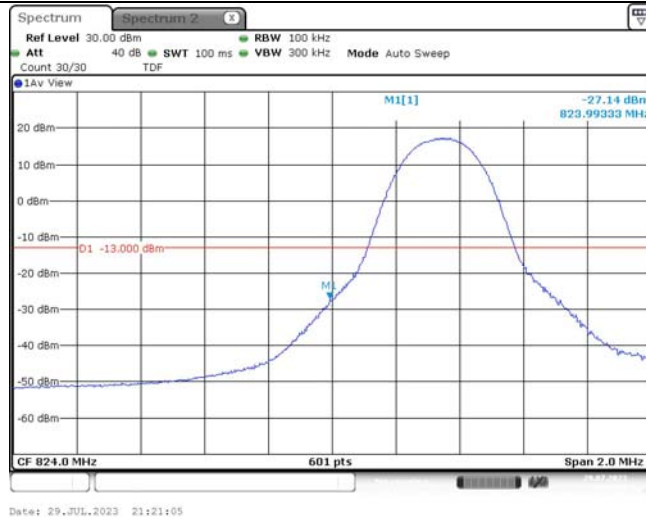
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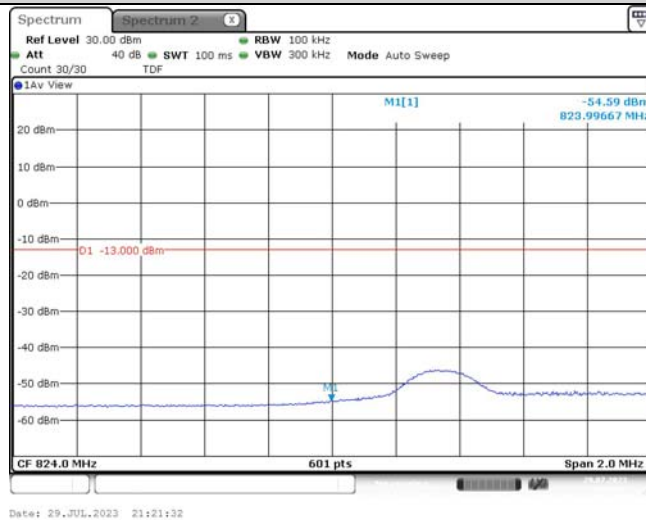
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Band5-5MHz-16QAM-20425-1RB#0



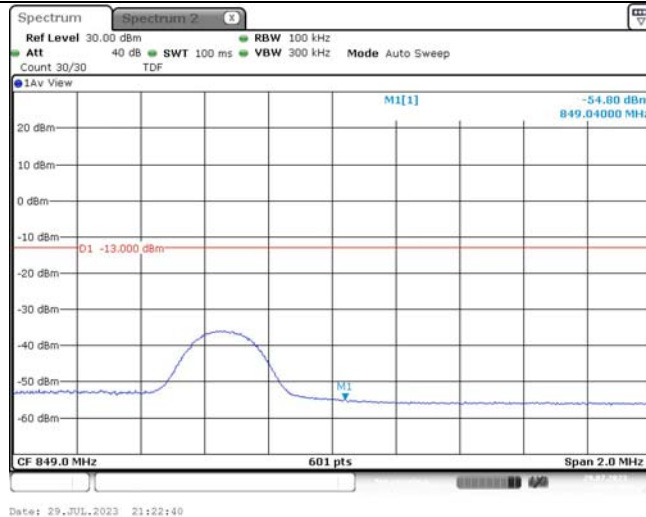
Band5-5MHz-16QAM-20425-1RB#24



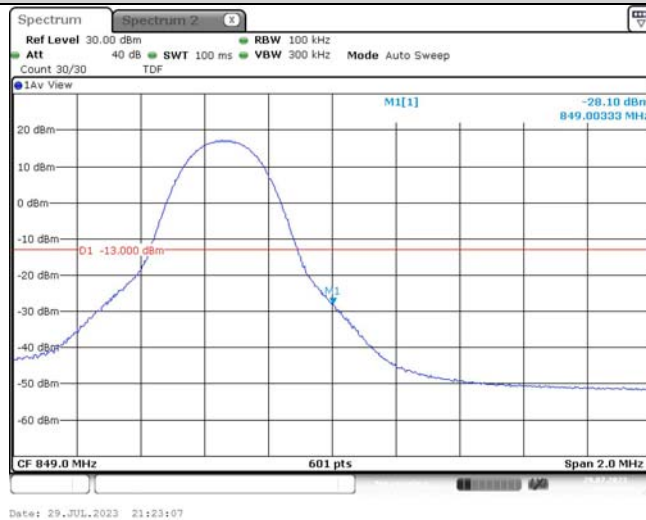
Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



Band5-5MHz-16QAM-20625-1RB#24



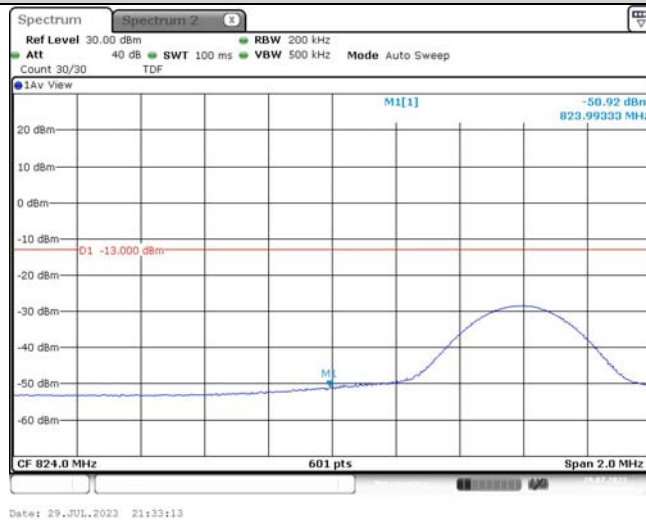
Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



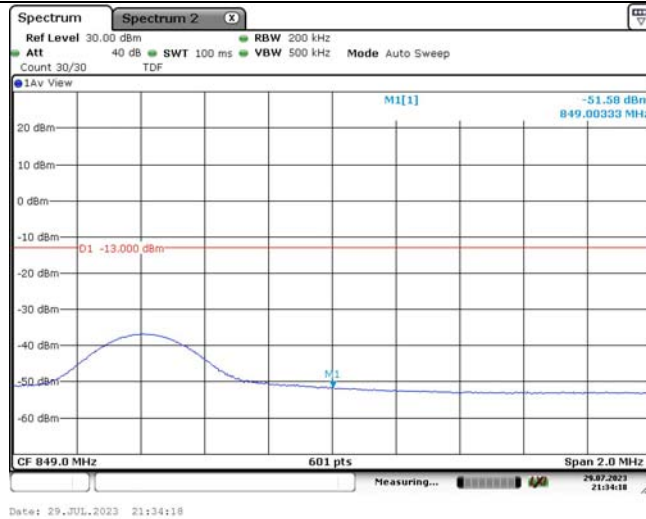
Band5-10MHz-QPSK-20450-1RB#49



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-1RB#49



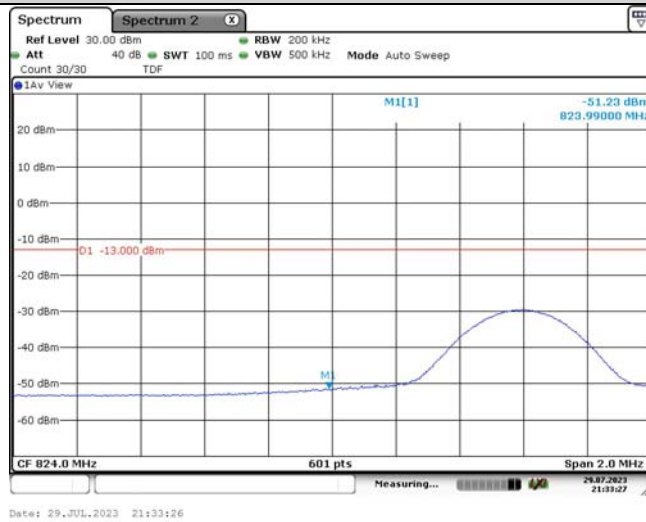
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Band5-10MHz-16QAM-20450-1RB#0



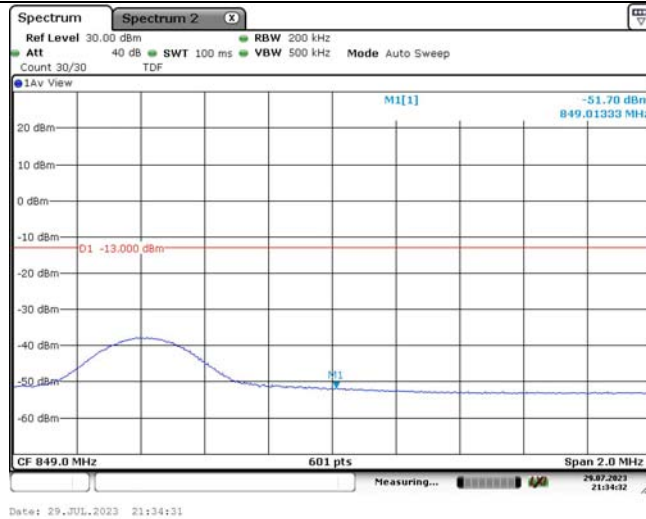
Band5-10MHz-16QAM-20450-1RB#49



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



1.5. Appendix E: Conducted Spurious Emission

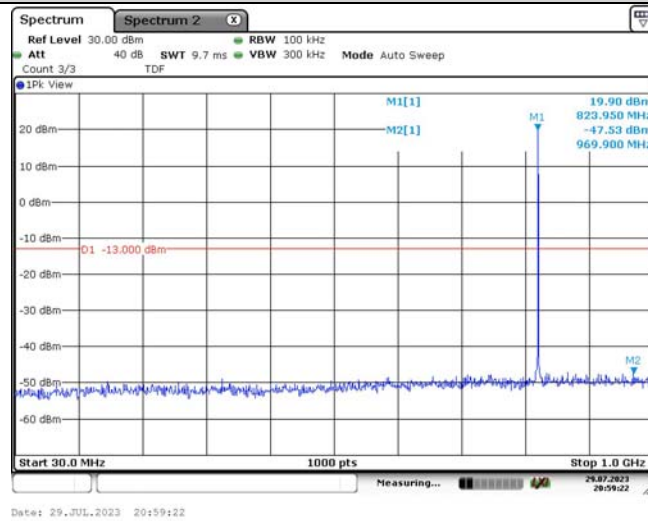
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-47.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-28.17	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-28.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-47.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-27.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-28.11	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.4	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-46.6	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-27.56	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-47.61	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-27.19	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.53	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-27.51	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-46.75	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-27.5	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-47.2	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-26.9	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-26.11	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-47.58	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-27.93	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-47.56	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-27.24	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.69	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-27.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-47.48	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-28.16	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-47.66	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-28.25	PASS

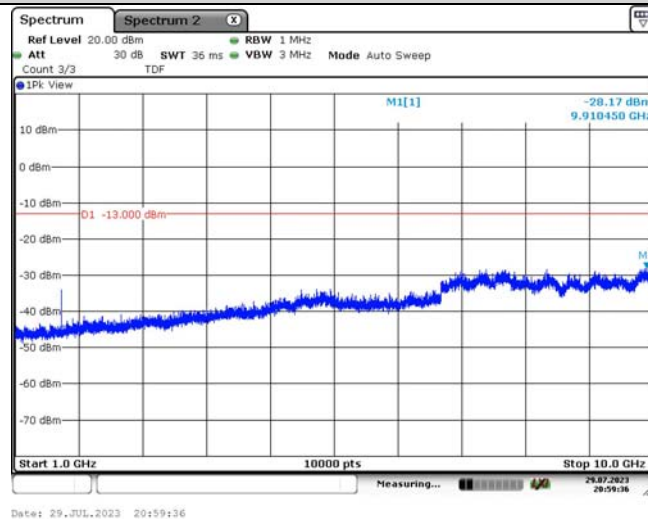
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.61	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.31	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-28.31	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-46.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-28.09	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.52	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-27.92	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-47.34	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-27.68	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-47.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-27.65	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.52	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-27.8	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-47.74	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-27.64	PASS

Test Graphs

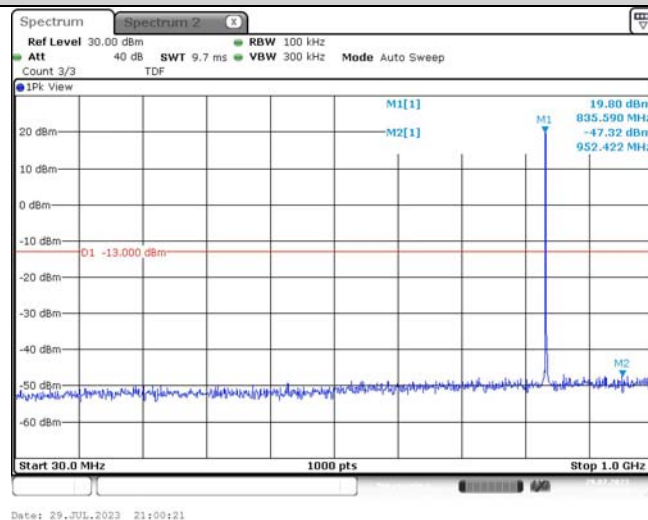
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



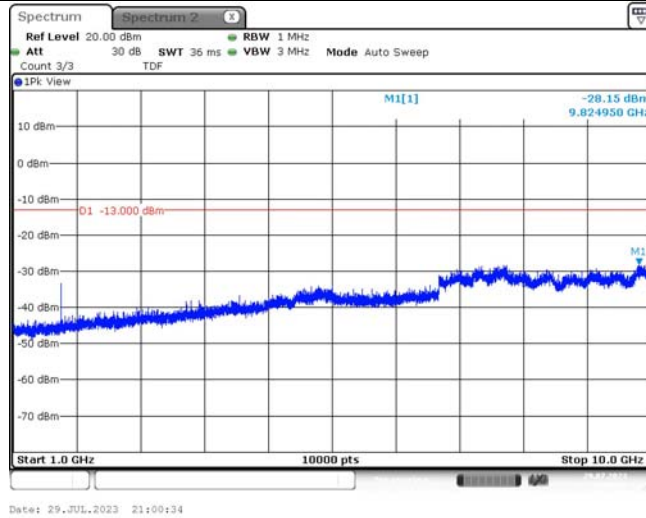
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



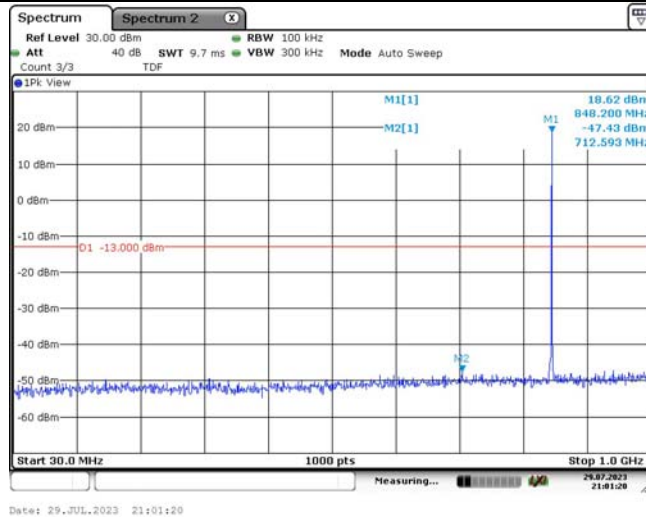
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



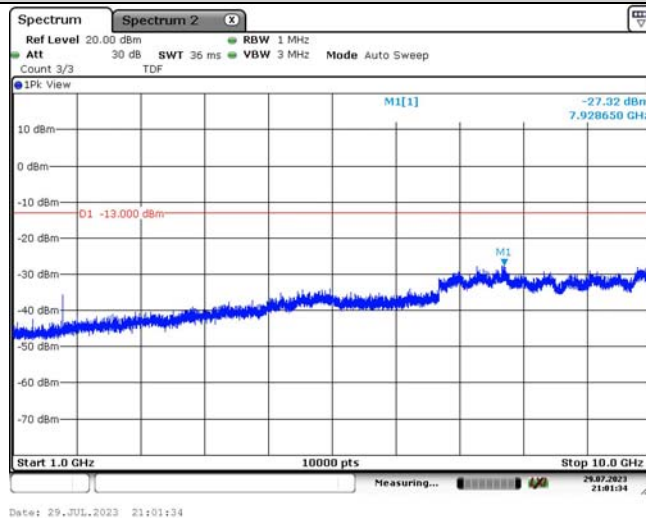
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



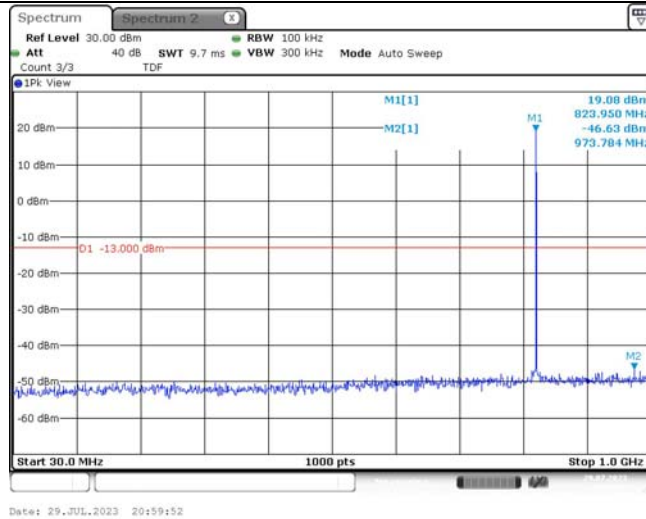
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



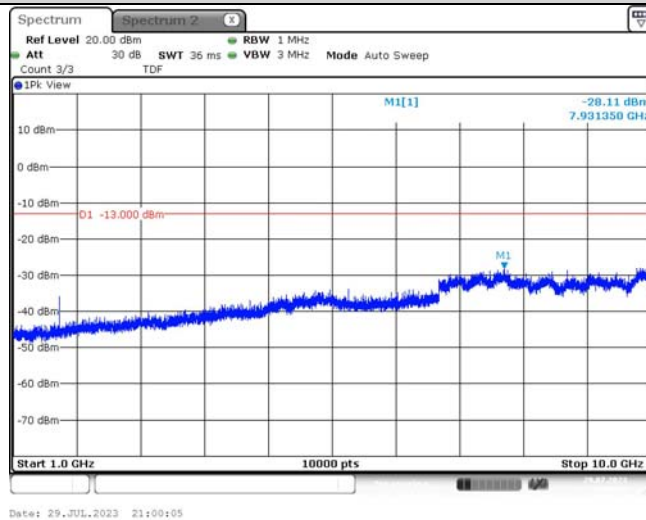
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



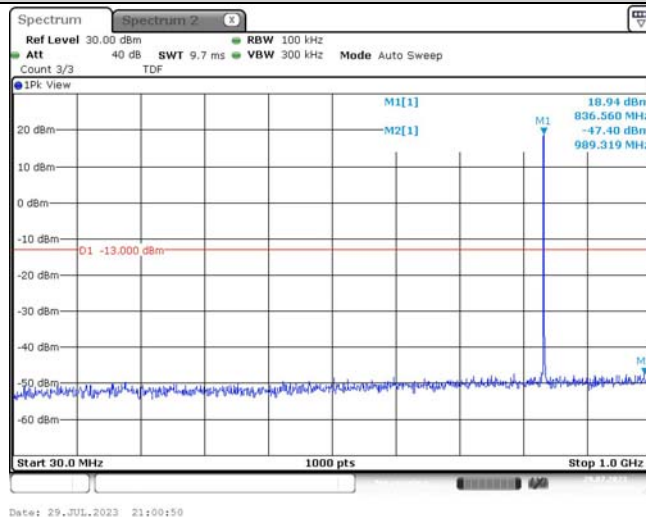
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



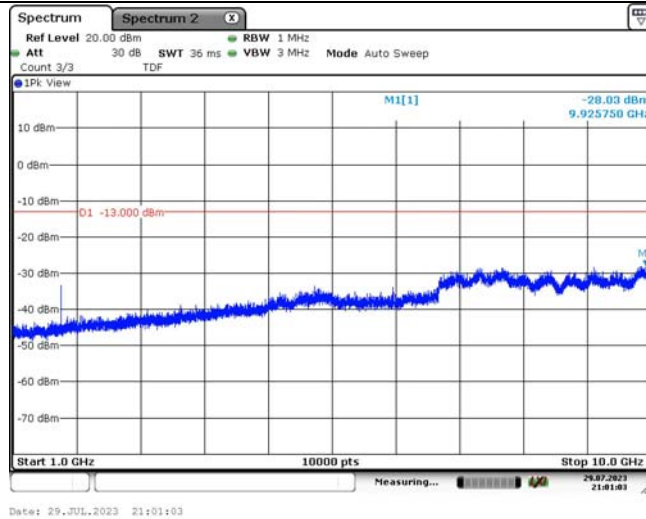
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



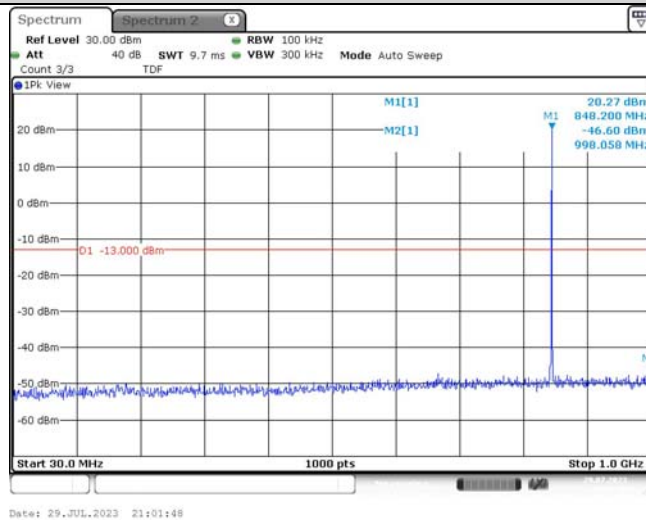
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



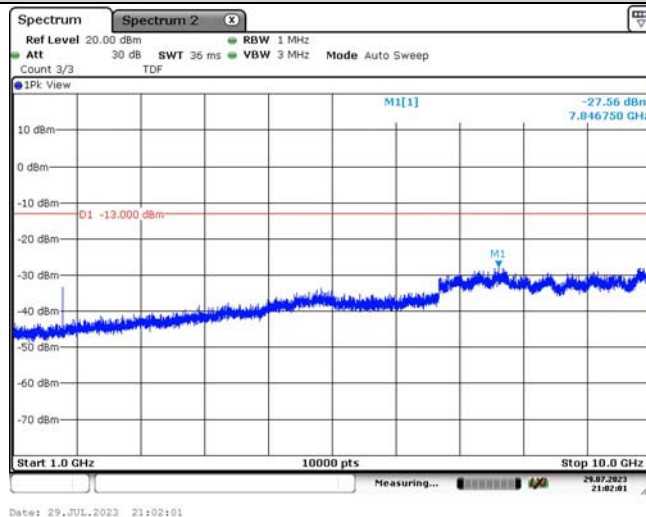
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



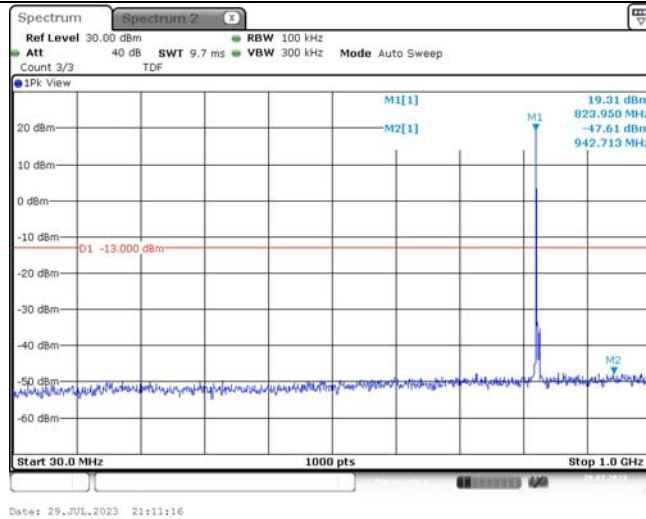
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



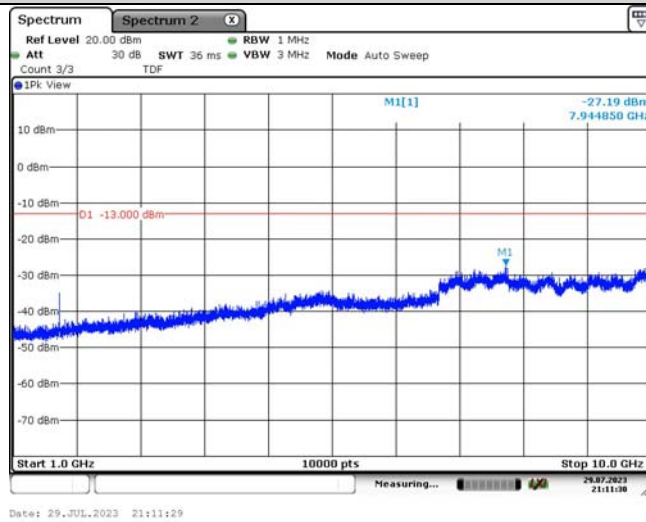
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



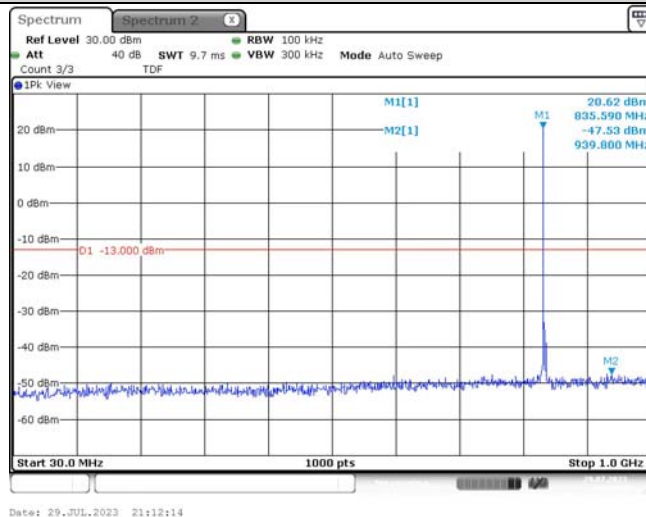
Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



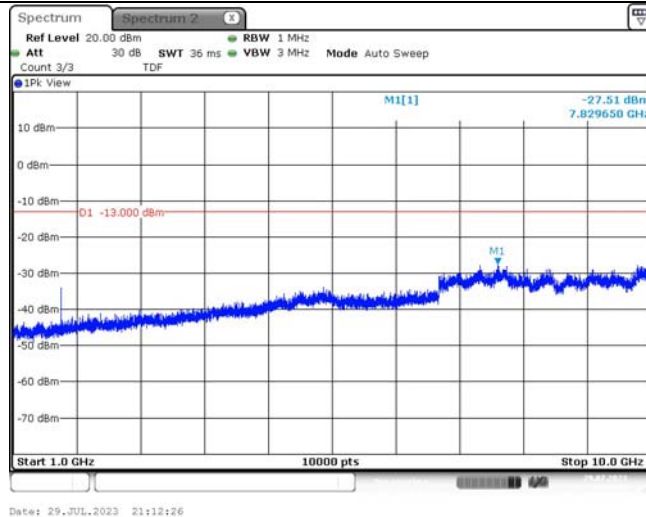
Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



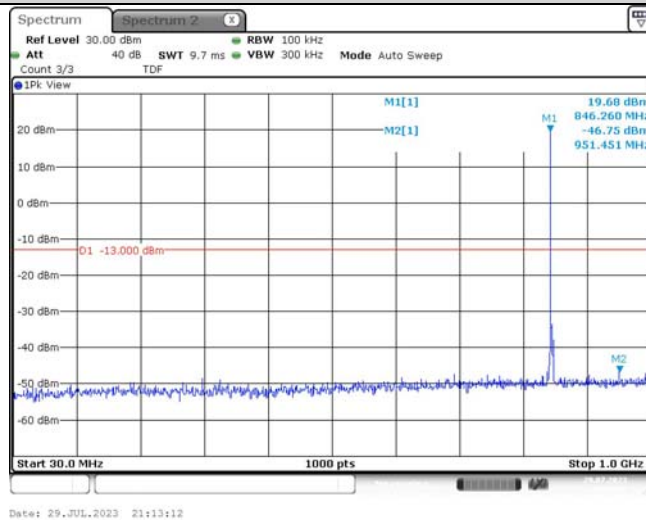
Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



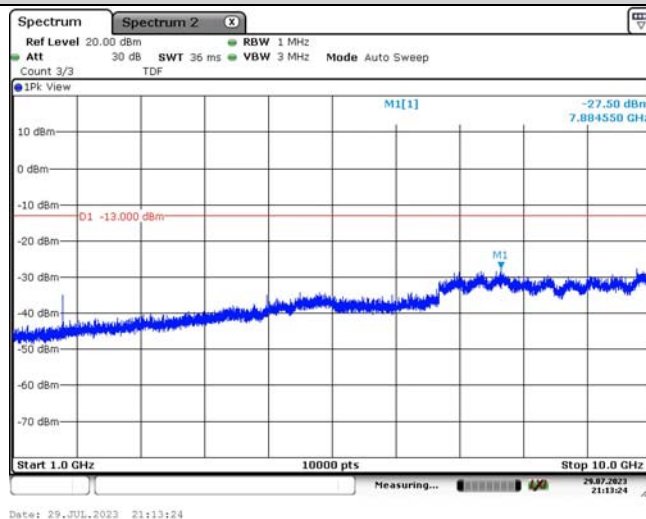
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



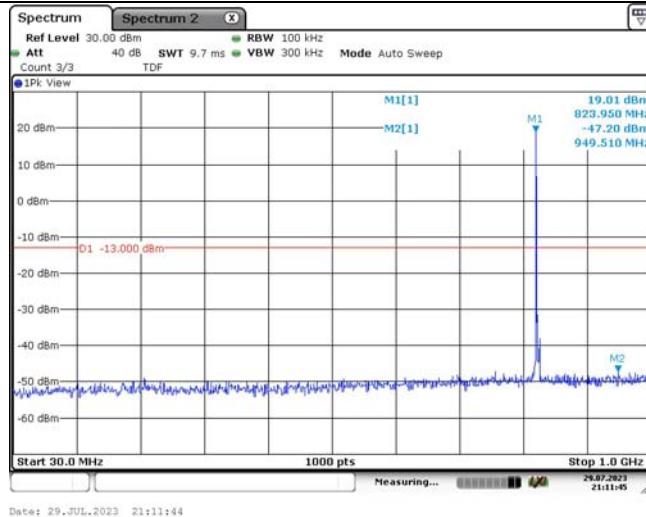
Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



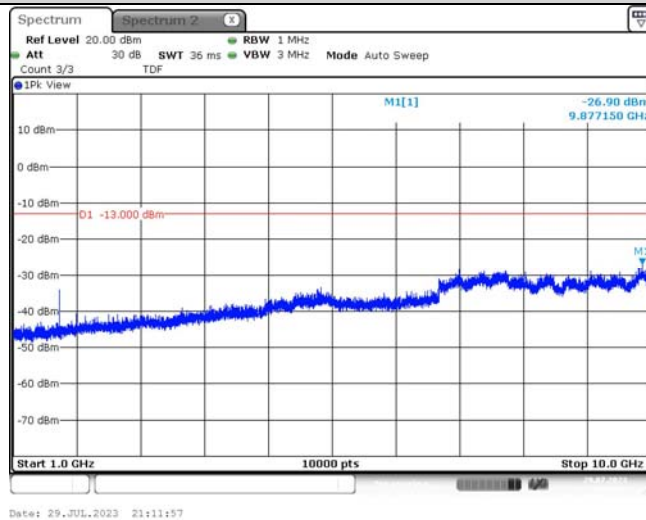
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



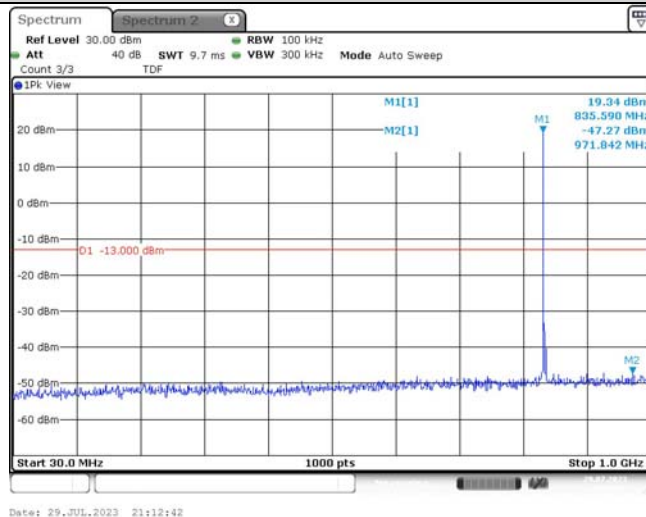
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz