

Appendix: LTE Band 12

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Appendix A: Effective (Isotropic) Radiated Power

Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.21	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.30	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.17	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.34	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.34	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.28	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.61	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.43	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.54	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.53	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.54	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.50	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.22	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.28	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.29	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.37	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.42	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.17	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.29	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.27	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.42	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.47	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.36	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.34	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.46	PASS

Band12	1.4MHz	16QAM	23095	1RB#2	22.40	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.27	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.48	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.52	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.53	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.53	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.55	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.32	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.19	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.15	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.29	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.37	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.83	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.32	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.78	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.29	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.31	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.27	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.26	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.98	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.62	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.14	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.42	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.43	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.49	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.44	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.13	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.20	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.92	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.21	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.19	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.25	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.17	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.95	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.35	PASS

Band12	3MHz	16QAM	23025	1RB#14	21.78	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.27	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.29	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.32	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.23	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.02	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.48	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.01	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.49	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.48	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.53	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.39	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.06	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.25	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.06	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.21	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.29	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.25	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.42	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.34	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.43	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.55	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.54	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.64	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.62	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.52	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.56	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.79	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.79	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.81	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.78	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.43	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.31	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.49	PASS

Band12	5MHz	QPSK	23155	12RB#0	22.67	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.67	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.56	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.64	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.26	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.23	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.45	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.61	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.56	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.68	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.54	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.37	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.60	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.91	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.81	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.73	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.48	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.46	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.60	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.70	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.68	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.55	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.56	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.36	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.35	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.52	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.47	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.45	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.67	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.64	PASS
Band12	10MHz	QPSK	23095	1RB#0	26.38	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.70	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.70	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.54	PASS

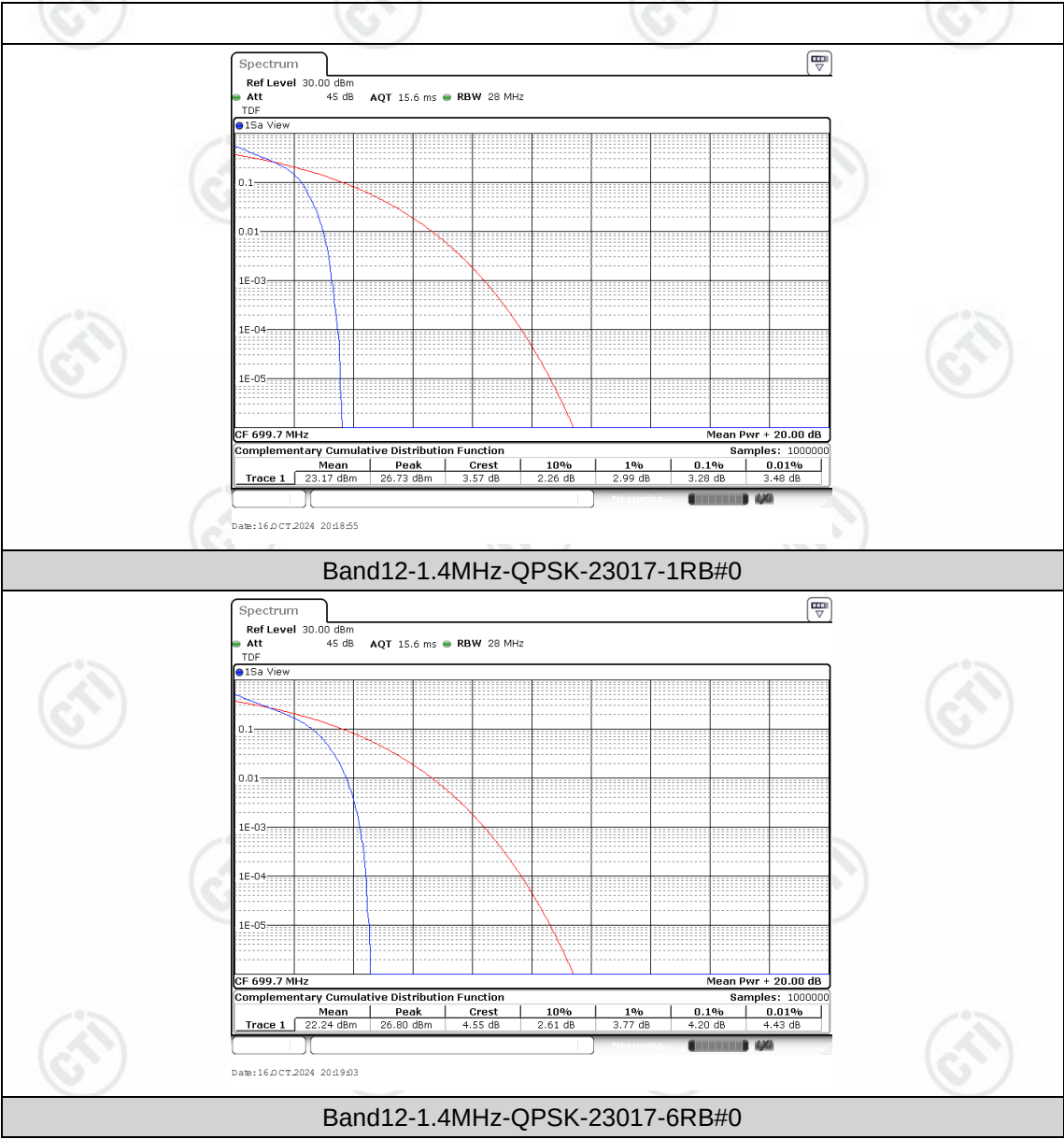
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Band12	10MHz	QPSK	23095	25RB#25	22.73	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.64	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.51	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.75	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.46	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.67	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.68	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.53	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.42	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.44	PASS
Band12	10MHz	16QAM	23060	1RB#12	22.46	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.48	PASS
Band12	10MHz	16QAM	23060	12RB#0	22.37	PASS
Band12	10MHz	16QAM	23060	12RB#6	22.33	PASS
Band12	10MHz	16QAM	23060	12RB#13	22.32	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.42	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.13	PASS
Band12	10MHz	16QAM	23095	1RB#12	22.66	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.71	PASS
Band12	10MHz	16QAM	23095	12RB#0	22.32	PASS
Band12	10MHz	16QAM	23095	12RB#6	22.38	PASS
Band12	10MHz	16QAM	23095	12RB#13	22.37	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.50	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.62	PASS
Band12	10MHz	16QAM	23130	1RB#12	22.88	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.87	PASS
Band12	10MHz	16QAM	23130	12RB#0	22.56	PASS
Band12	10MHz	16QAM	23130	12RB#6	22.59	PASS
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Band12	10MHz	16QAM	23130	25RB#0	21.68	PASS

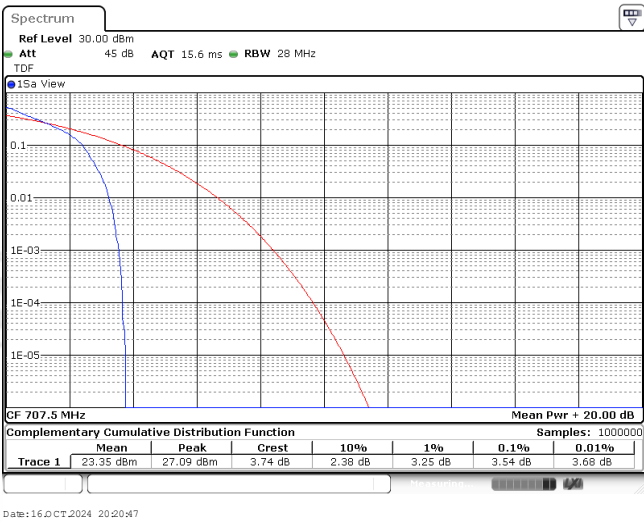
Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.28	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.20	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.54	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.29	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.51	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.14	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.26	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.16	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.61	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.19	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.46	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.07	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.59	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.49	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.88	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.35	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.12	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.52	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.52	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.39	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.90	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.33	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.13	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.45	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.25	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.23	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.57	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.03	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.48	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.32	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.17	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.22	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.58	13	PASS

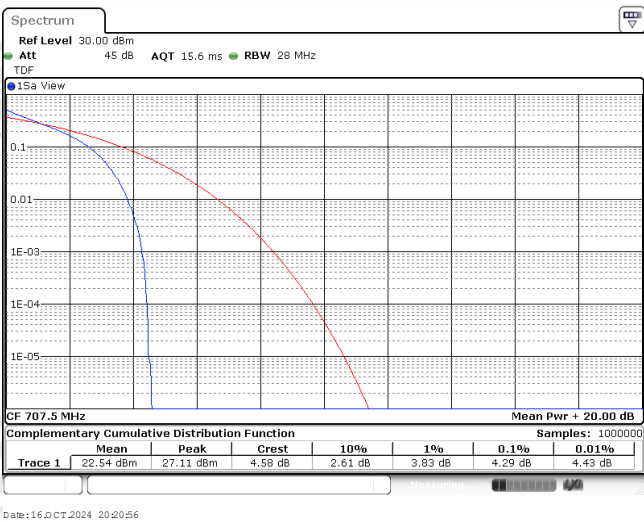
Band12	5MHz	16QAM	23095	25RB#0	5.04	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.43	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.30	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.28	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.41	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.57	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.46	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.45	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.70	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.32	13	PASS
Band12	10MHz	16QAM	23060	25RB#0	5.45	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.58	13	PASS
Band12	10MHz	16QAM	23095	25RB#0	5.48	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.46	13	PASS
Band12	10MHz	16QAM	23130	25RB#0	5.30	13	PASS

Test Graphs

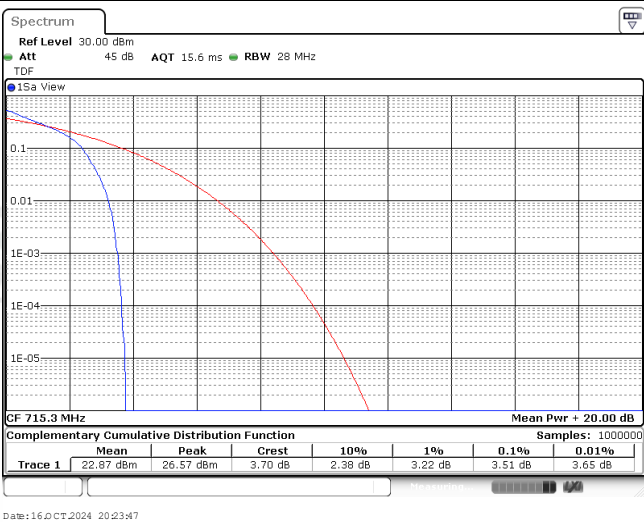




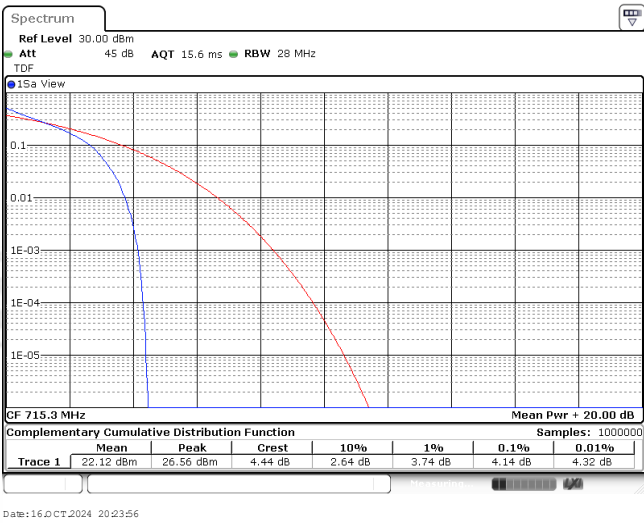
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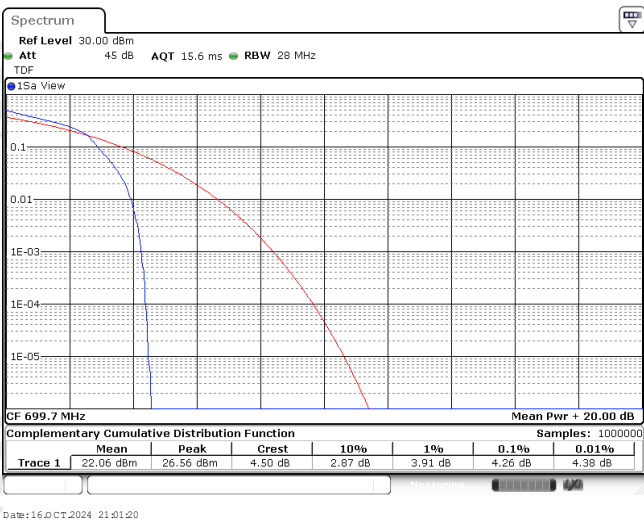
Band12-1.4MHz-QPSK-23095-6RB#0



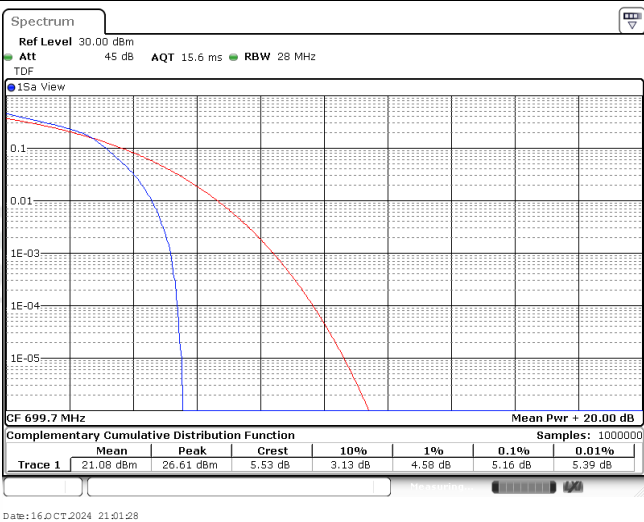
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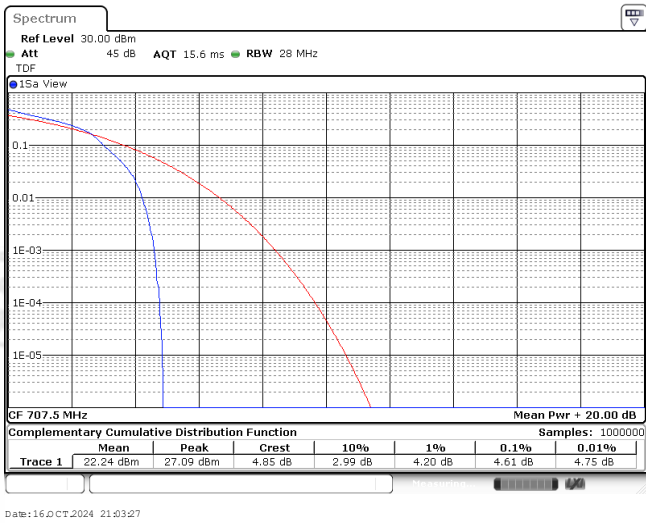
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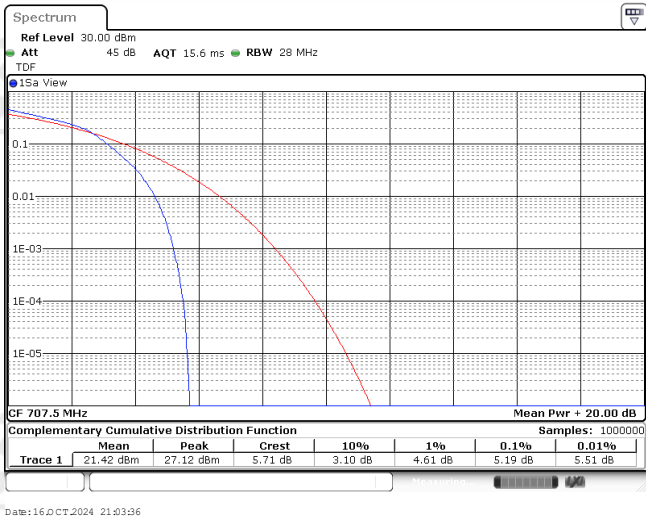
Band12-1.4MHz-16QAM-23017-1RB#0



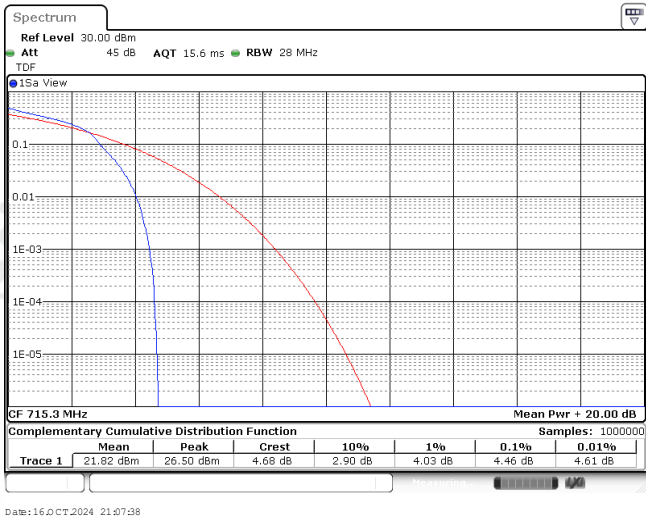
Band12-1.4MHz-16QAM-23017-6RB#0



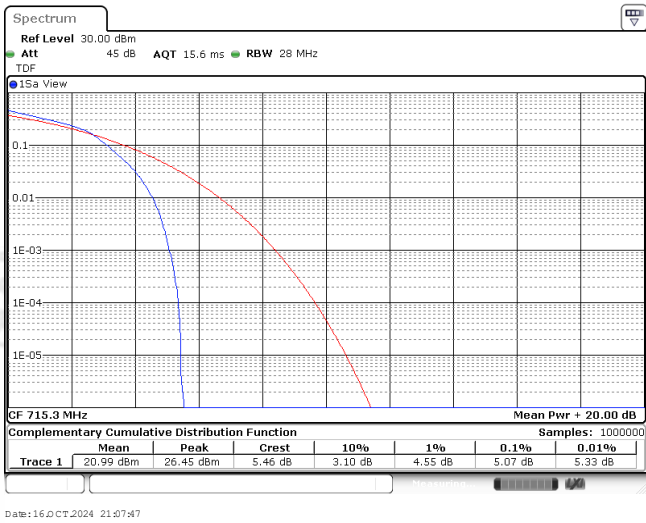
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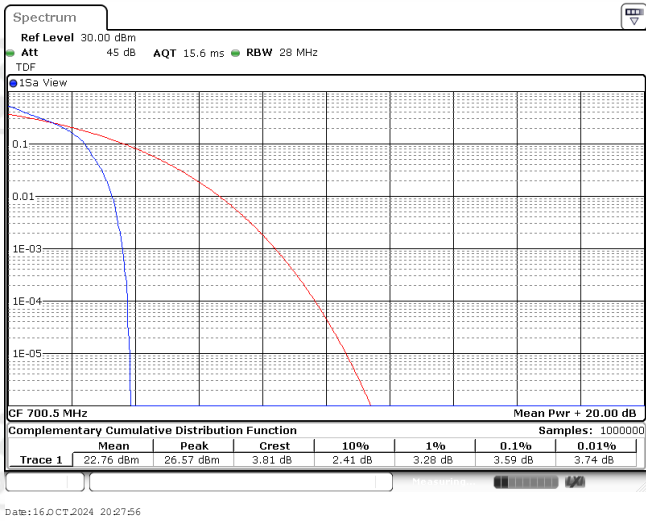
Band12-1.4MHz-16QAM-23095-6RB#0



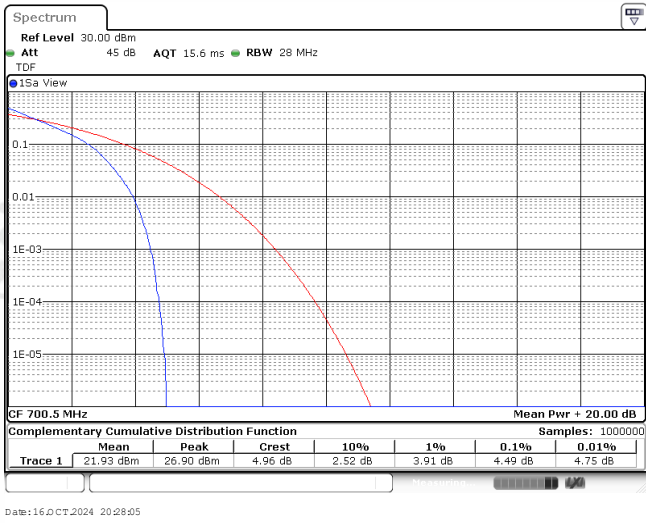
Band12-1.4MHz-16QAM-23173-1RB#0



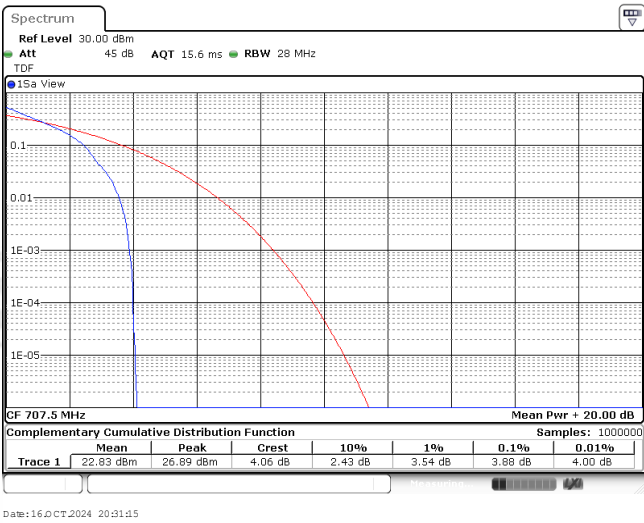
Band12-1.4MHz-16QAM-23173-6RB#0



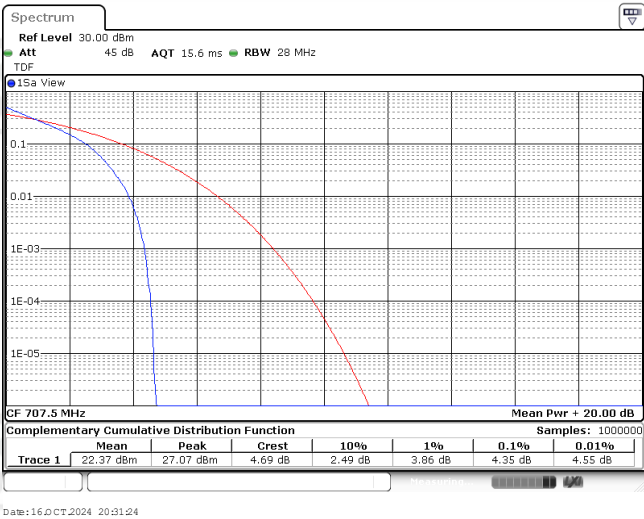
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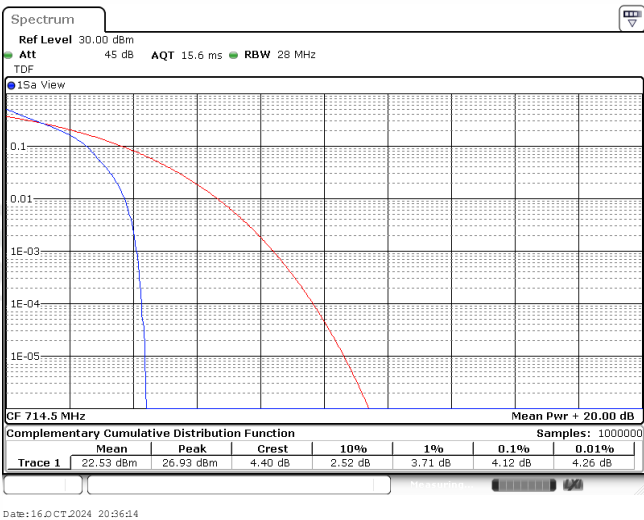
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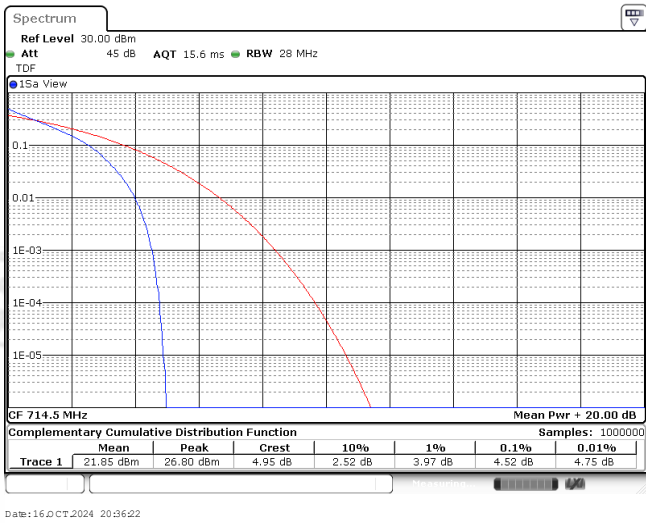
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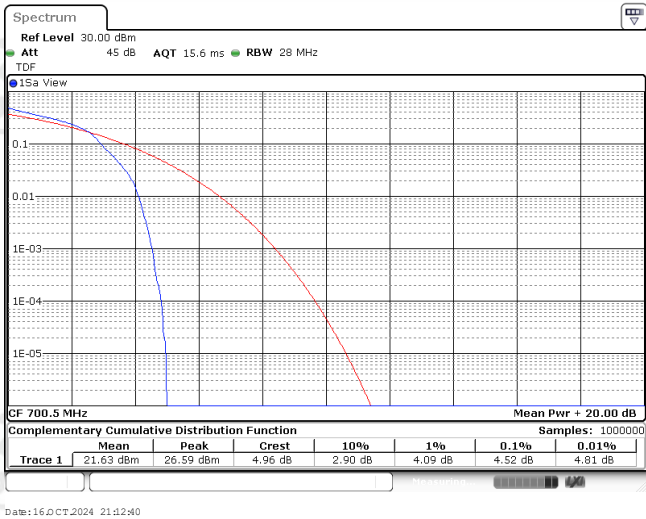
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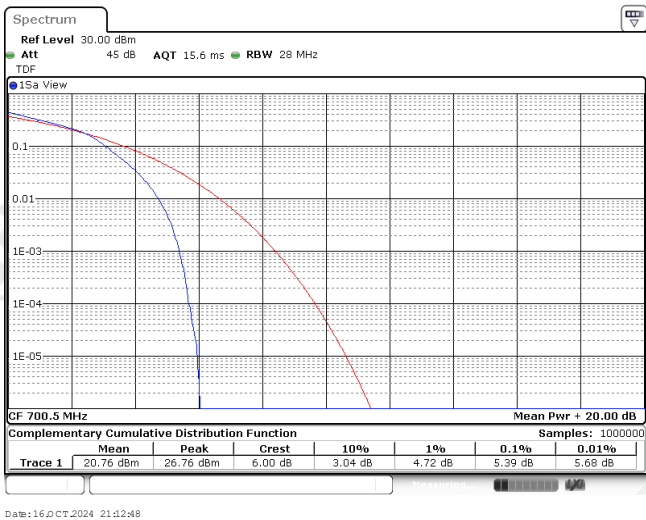
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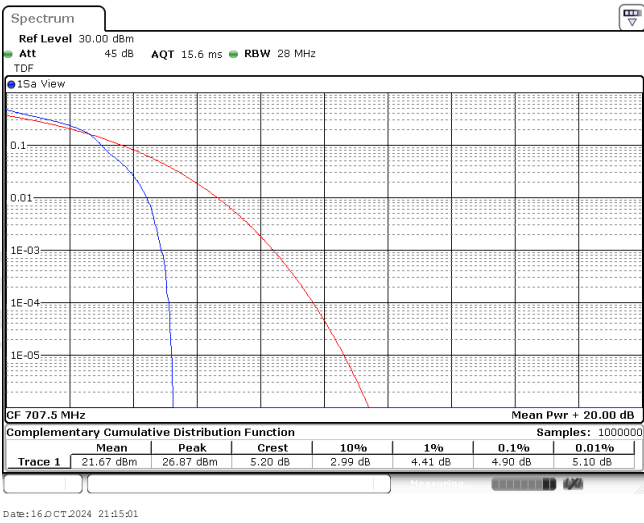
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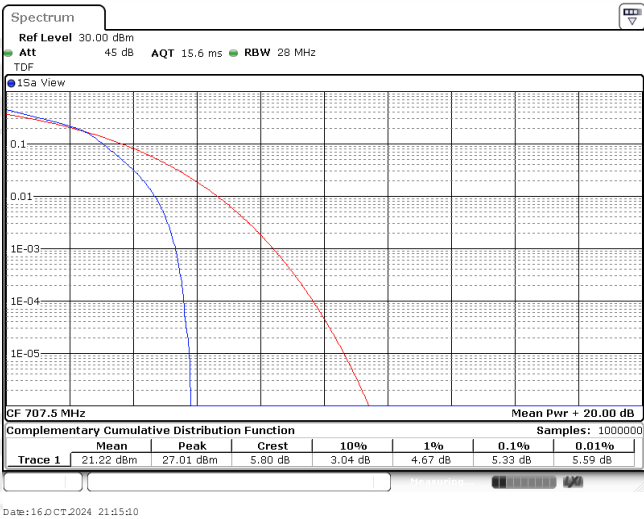
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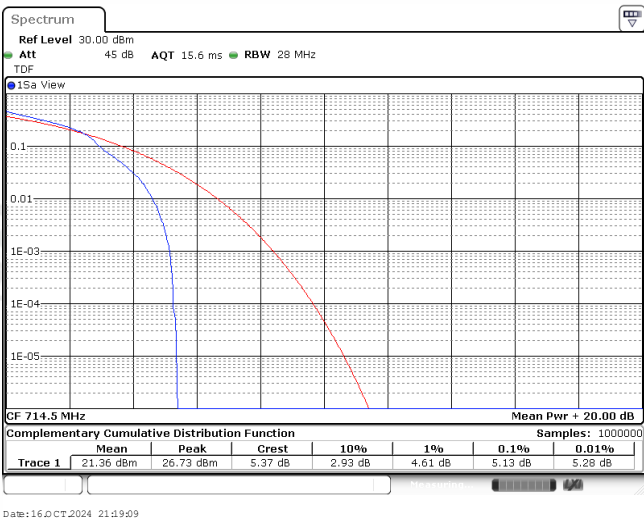
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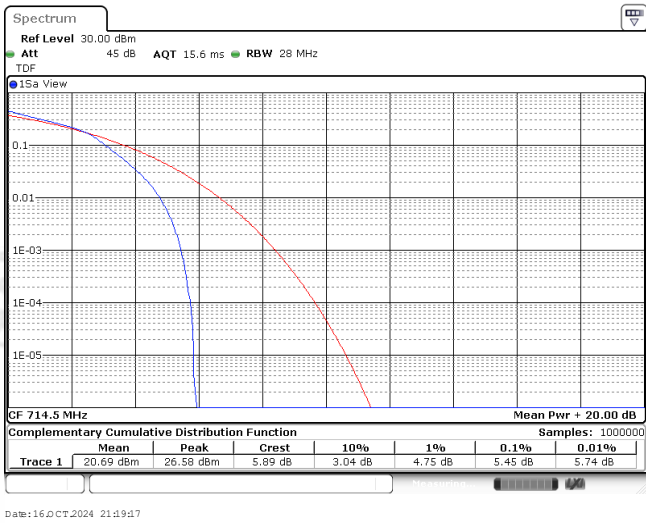
Band12-3MHz-16QAM-23095-1RB#0



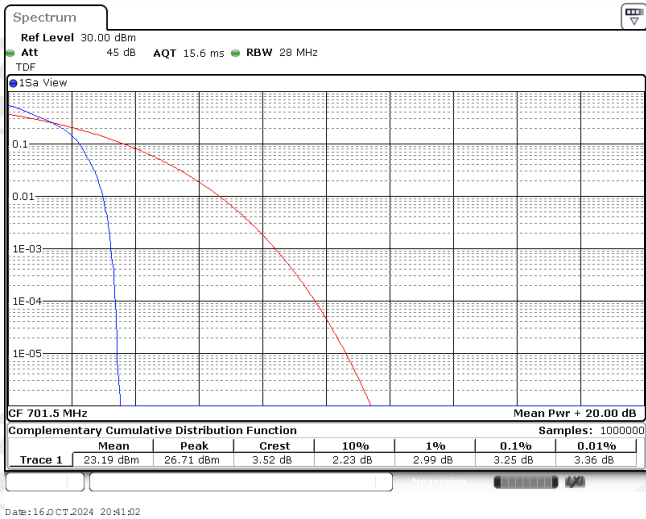
Band12-3MHz-16QAM-23095-15RB#0



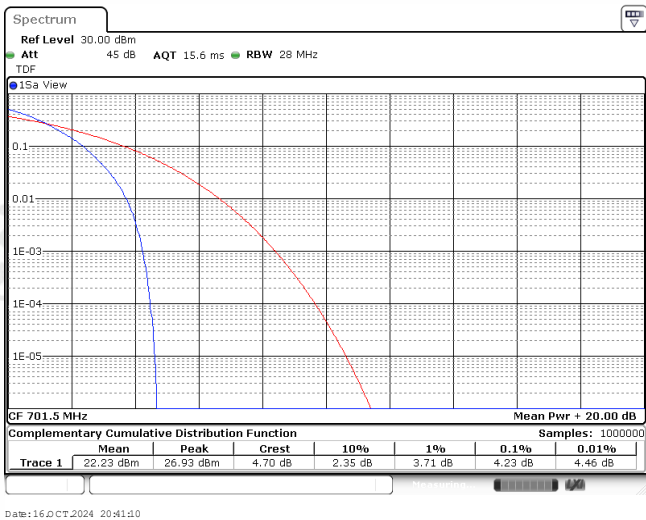
Band12-3MHz-16QAM-23165-1RB#0



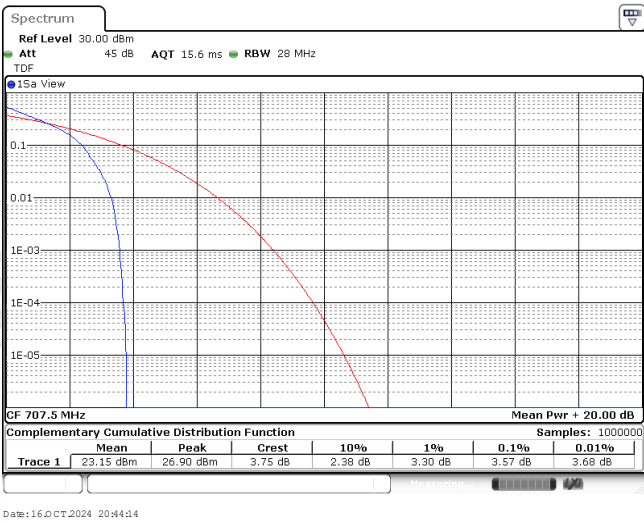
Band12-3MHz-16QAM-23165-15RB#0



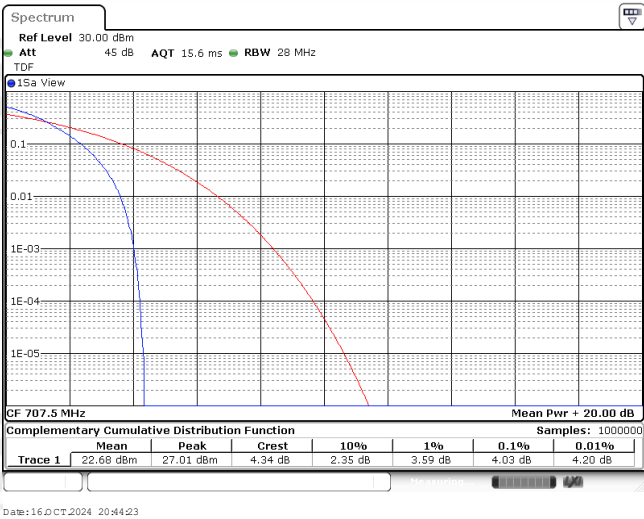
Band12-5MHz-QPSK-23035-1RB#0



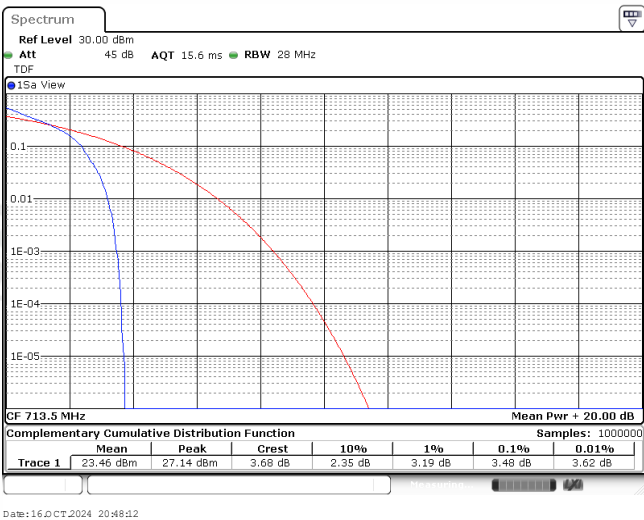
Band12-5MHz-QPSK-23035-25RB#0



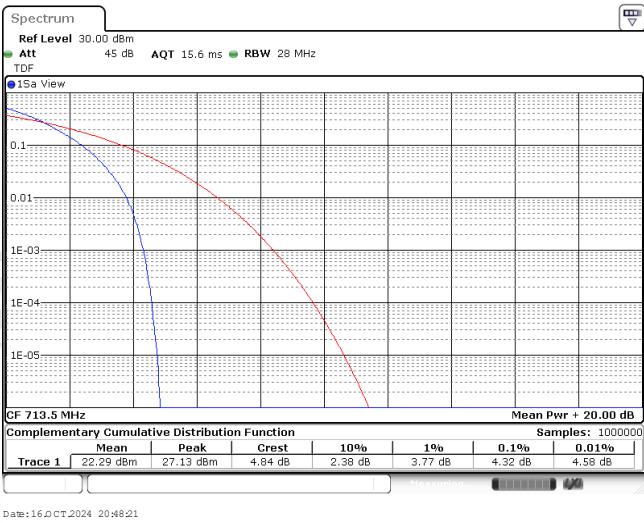
Band12-5MHz-QPSK-23095-1RB#0



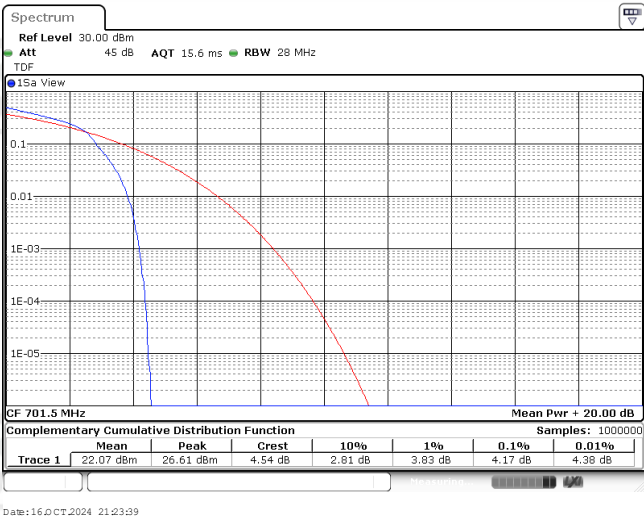
Band12-5MHz-QPSK-23095-25RB#0



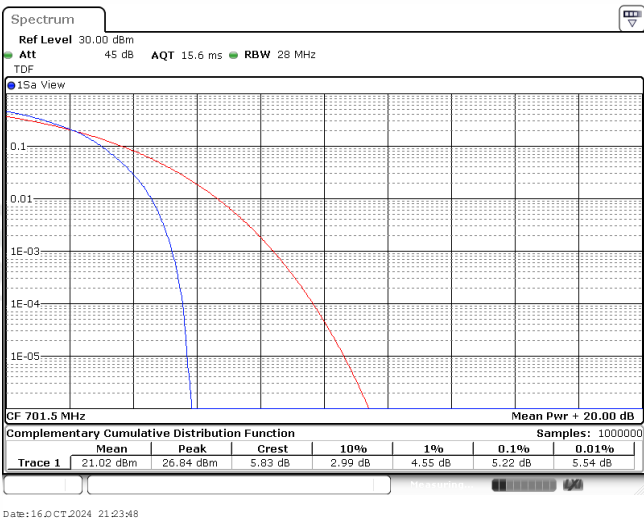
Band12-5MHz-QPSK-23155-1RB#0



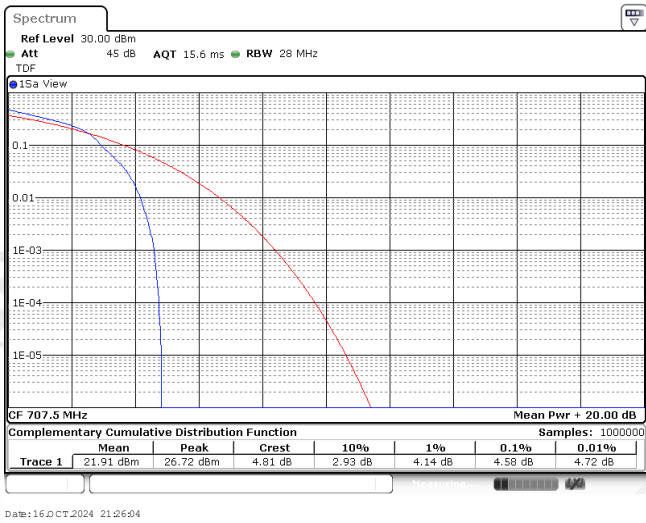
Band12-5MHz-QPSK-23155-25RB#0



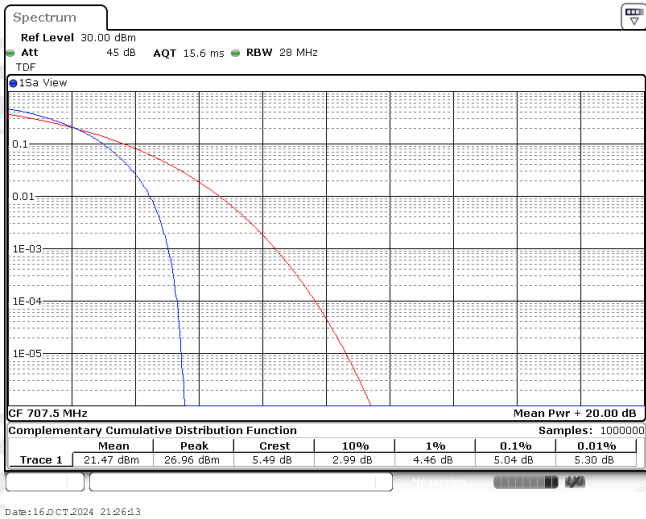
Band12-5MHz-16QAM-23035-1RB#0



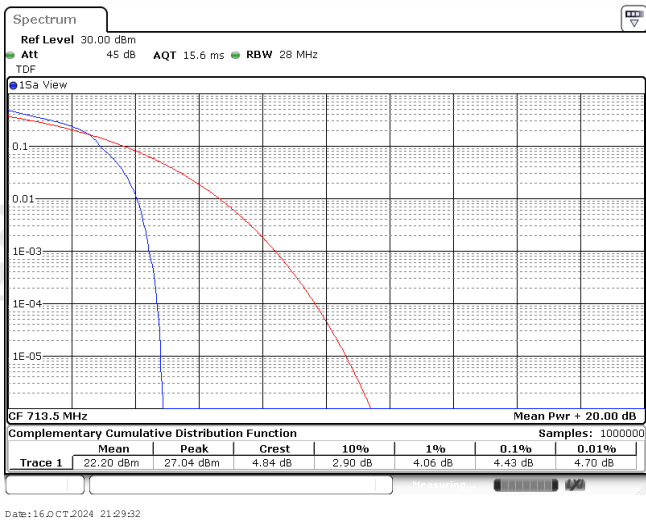
Band12-5MHz-16QAM-23035-25RB#0



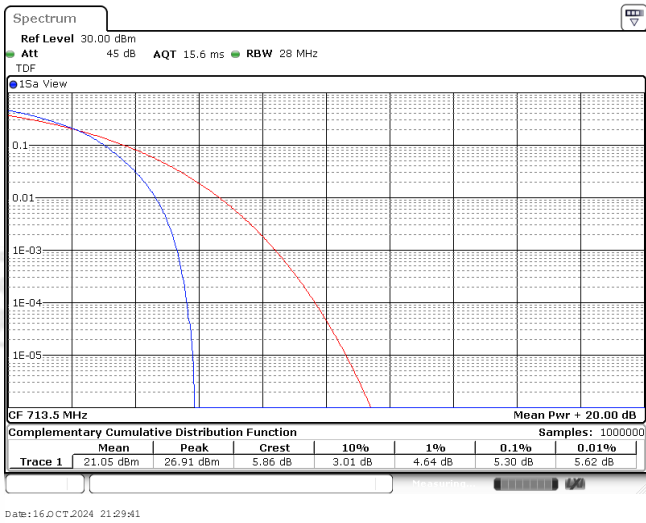
Band12-5MHz-16QAM-23095-1RB#0



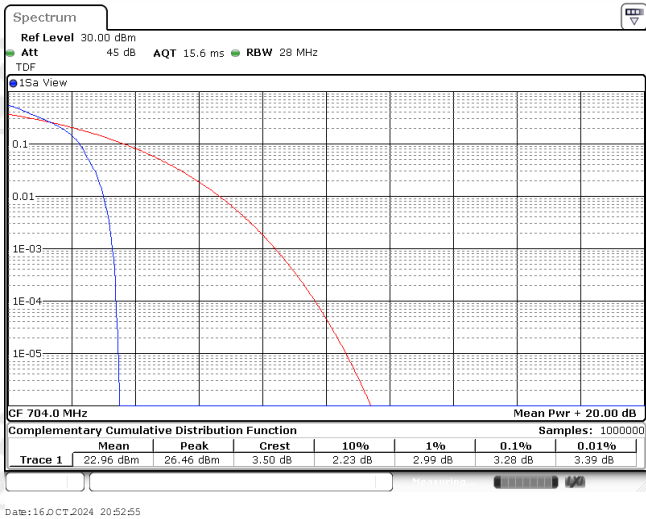
Band12-5MHz-16QAM-23095-25RB#0



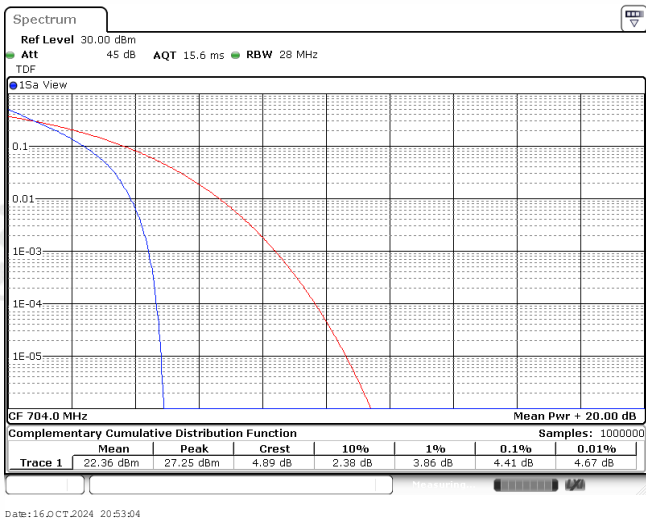
Band12-5MHz-16QAM-23155-1RB#0



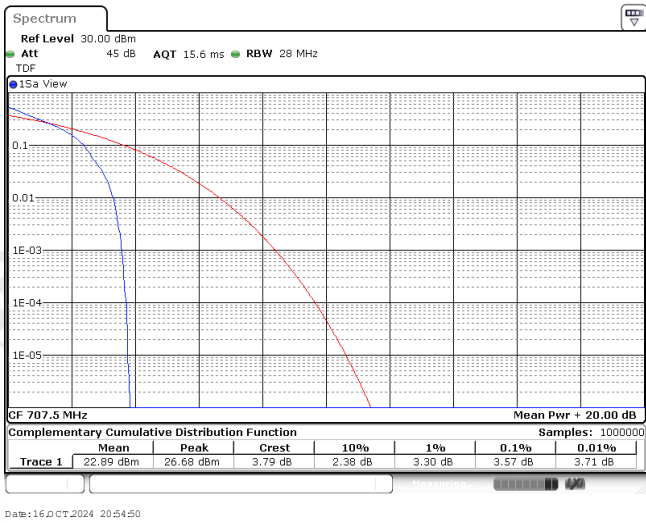
Band12-5MHz-16QAM-23155-25RB#0



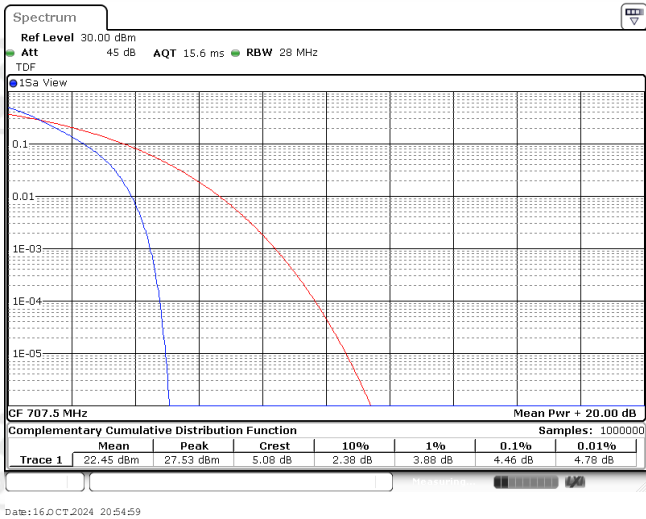
Band12-10MHz-QPSK-23060-1RB#0



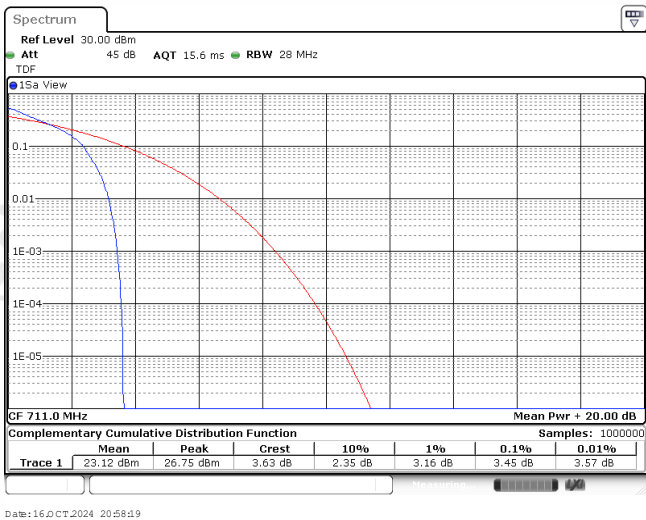
Band12-10MHz-QPSK-23060-50RB#0



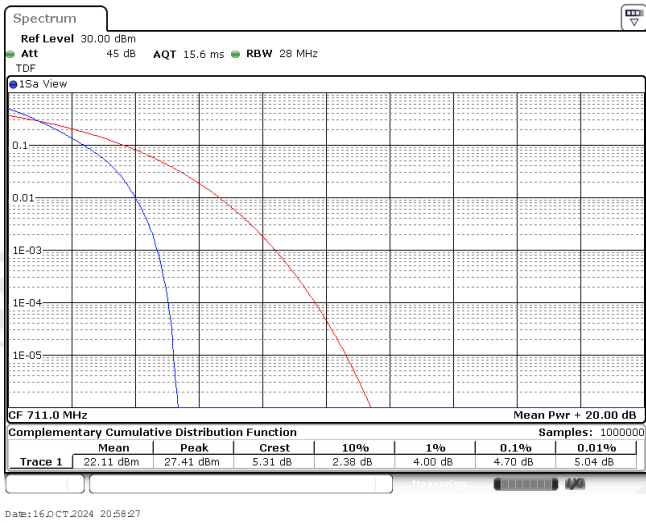
Band12-10MHz-QPSK-23095-1RB#0



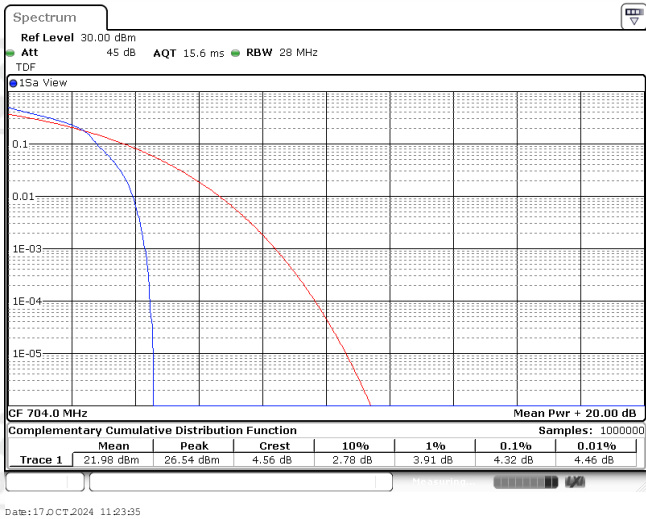
Band12-10MHz-QPSK-23095-50RB#0



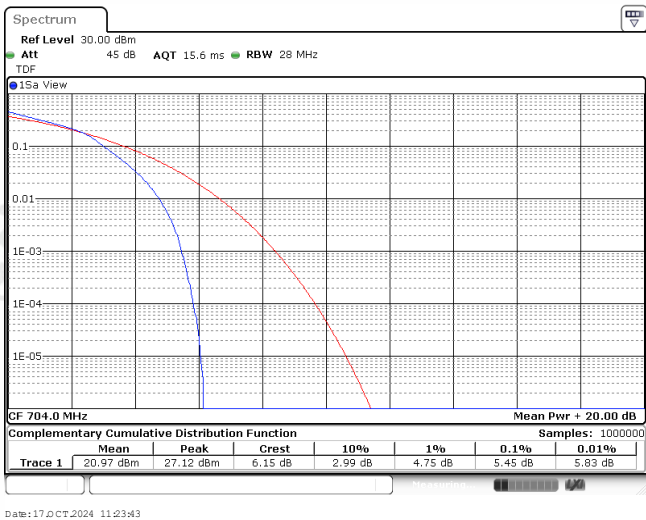
Band12-10MHz-QPSK-23130-1RB#0



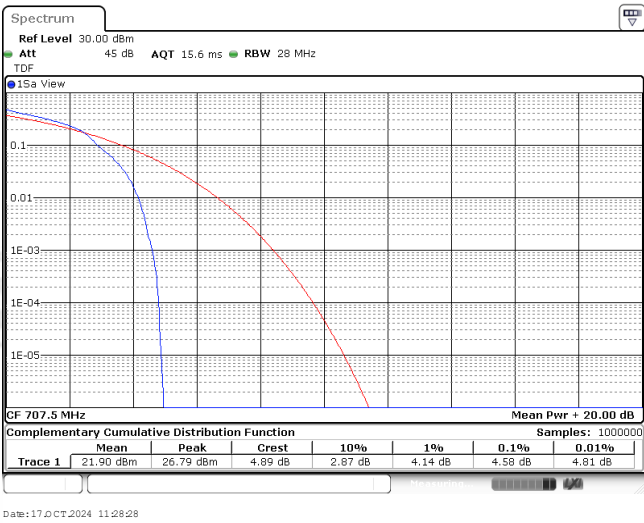
Band12-10MHz-QPSK-23130-50RB#0



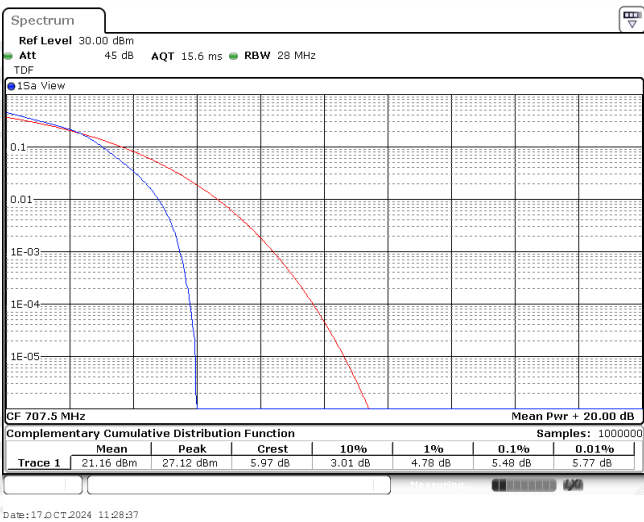
Band12-10MHz-16QAM-23060-1RB#0



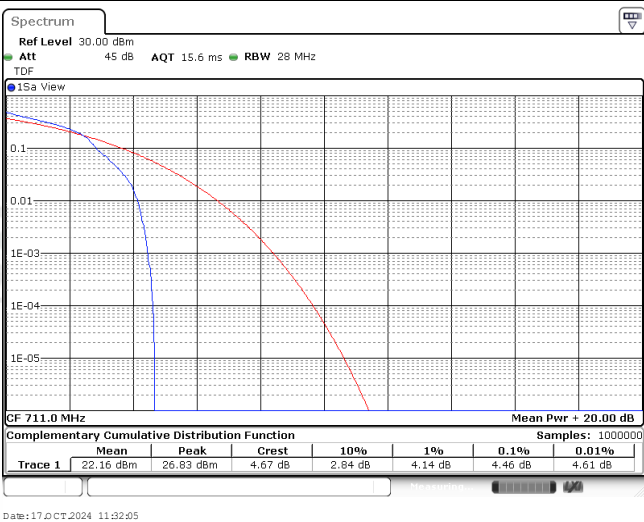
Band12-10MHz-16QAM-23060-25RB#0



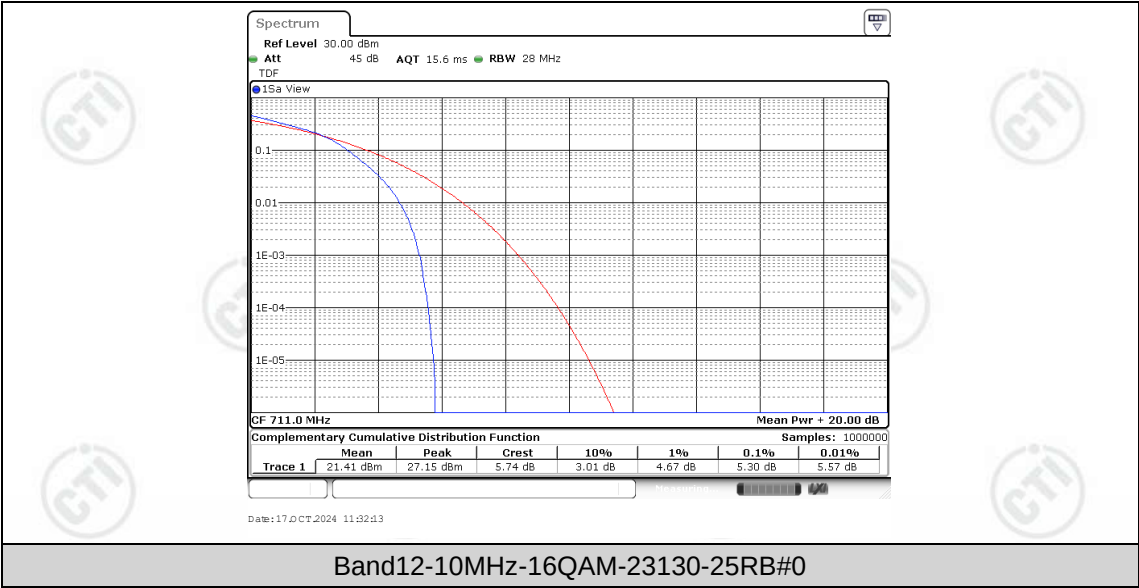
Band12-10MHz-16QAM-23095-1RB#0



Band12-10MHz-16QAM-23095-25RB#0



Band12-10MHz-16QAM-23130-1RB#0

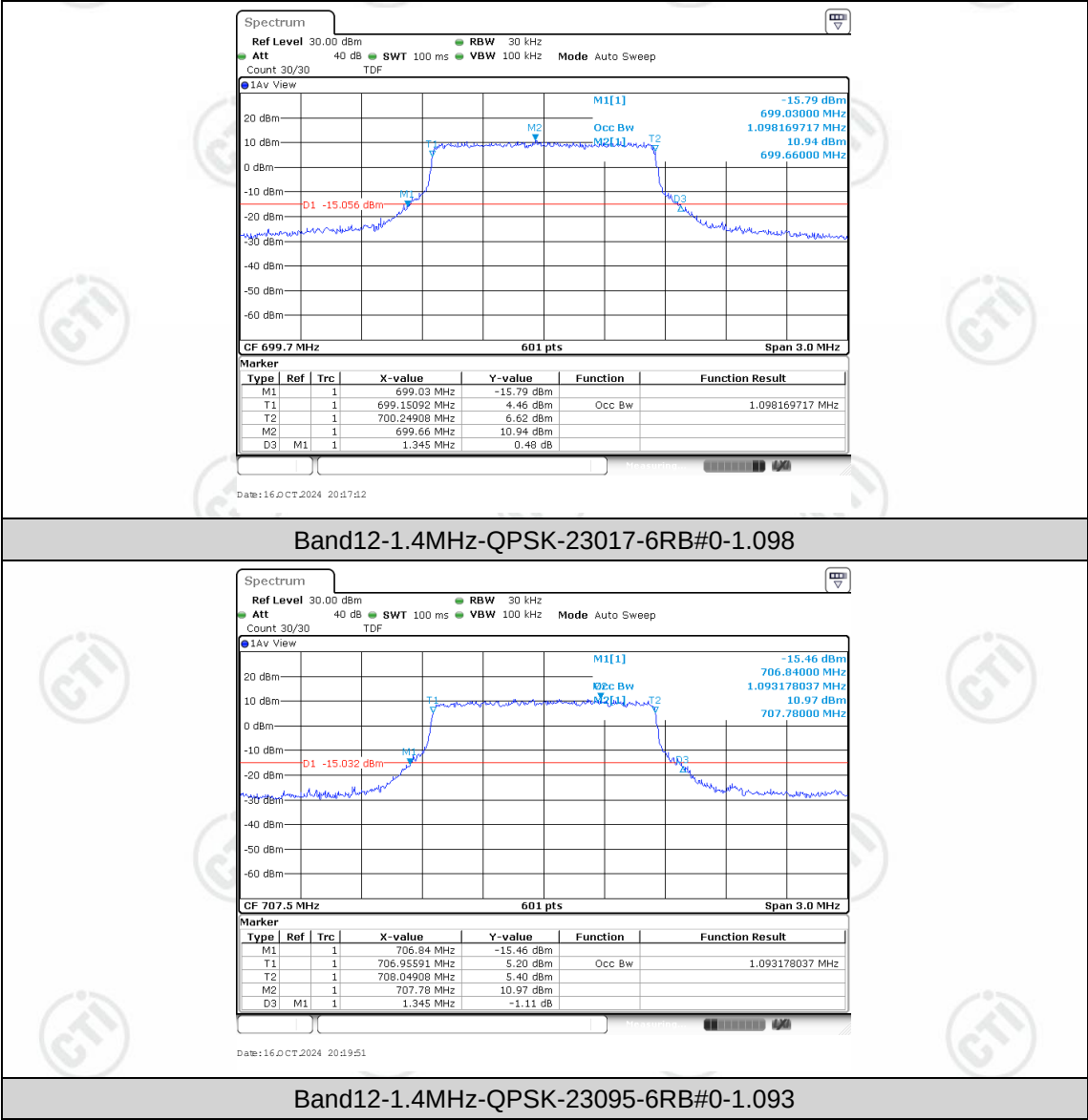


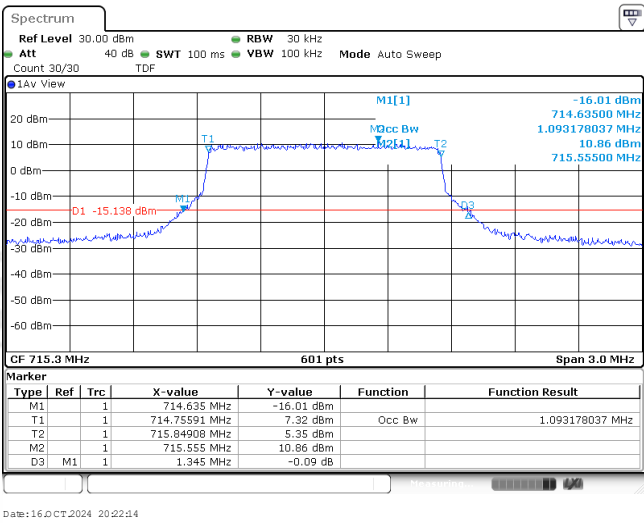
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

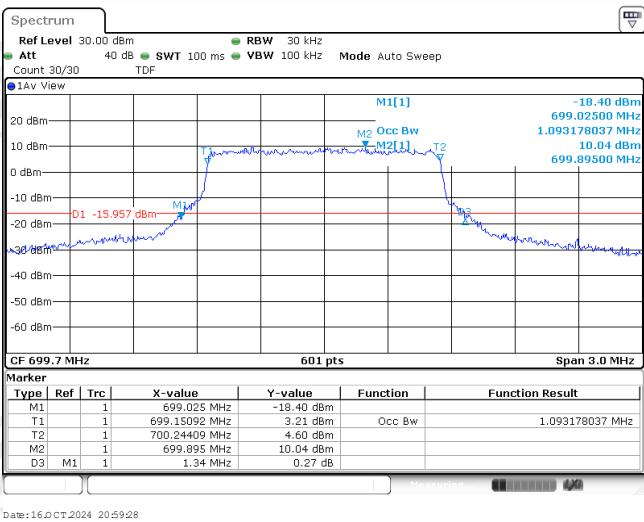
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.098	1.345	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.093	1.345	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.093	1.345	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.093	1.340	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.088	1.330	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.093	1.355	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.696	2.950	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.696	2.960	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.696	2.940	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.686	2.970	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.696	2.950	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.696	2.990	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.466	4.800	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.456	4.770	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.466	4.780	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.476	4.780	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.456	4.750	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.466	4.780	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.600	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.985	9.533	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.985	9.600	PASS
Band12	10MHz	16QAM	23060	25RB#0	4.595	5.060	PASS
Band12	10MHz	16QAM	23095	25RB#0	4.615	5.060	PASS
Band12	10MHz	16QAM	23130	25RB#0	4.575	5.040	PASS

Test Graphs

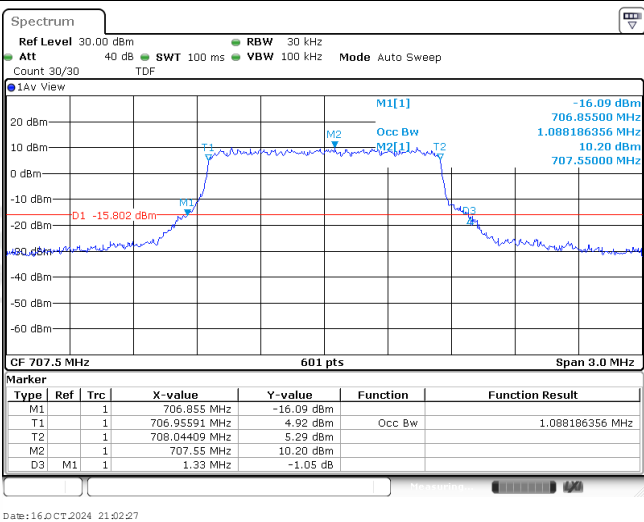




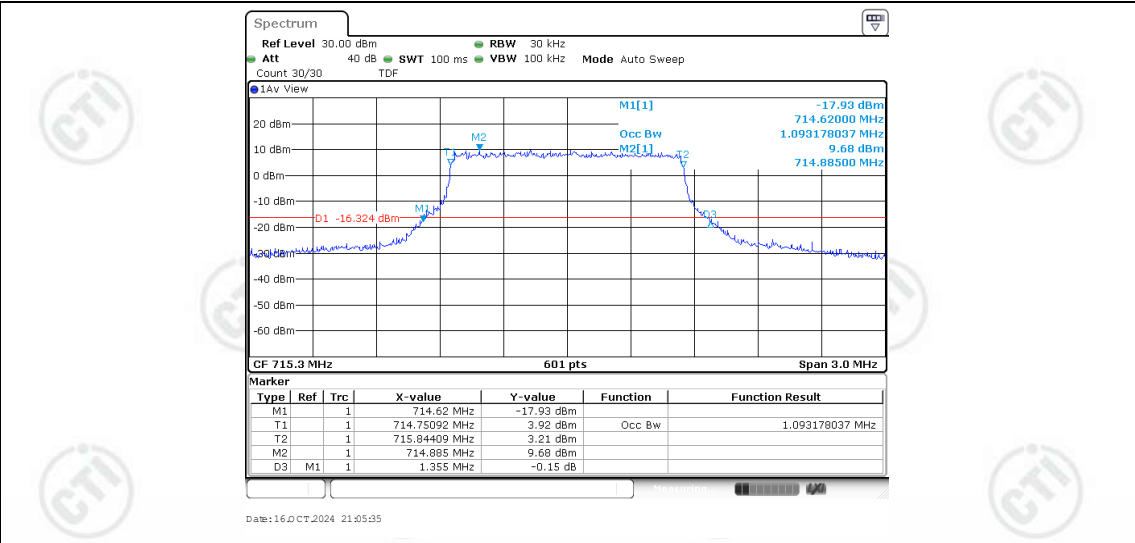
Band12-1.4MHz-QPSK-23173-6RB#0-1.093



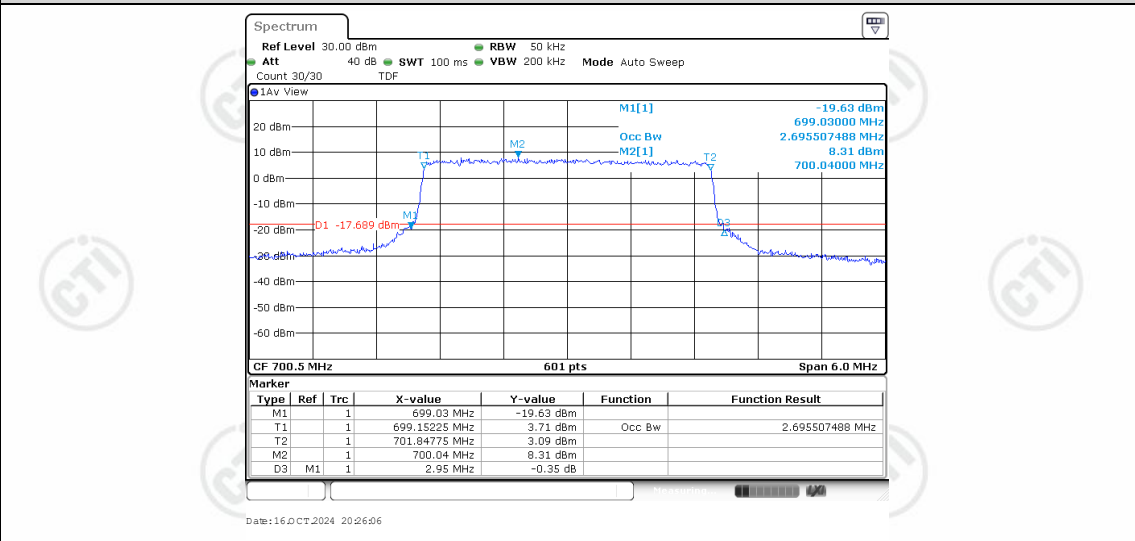
Band12-1.4MHz-16QAM-23017-6RB#0-1.093



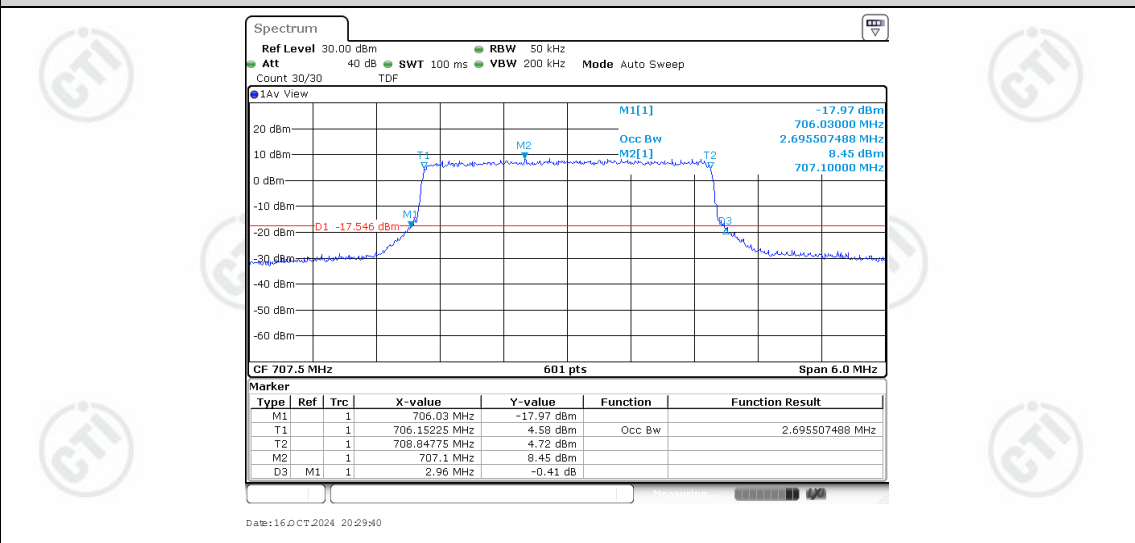
Band12-1.4MHz-16QAM-23095-6RB#0-1.088



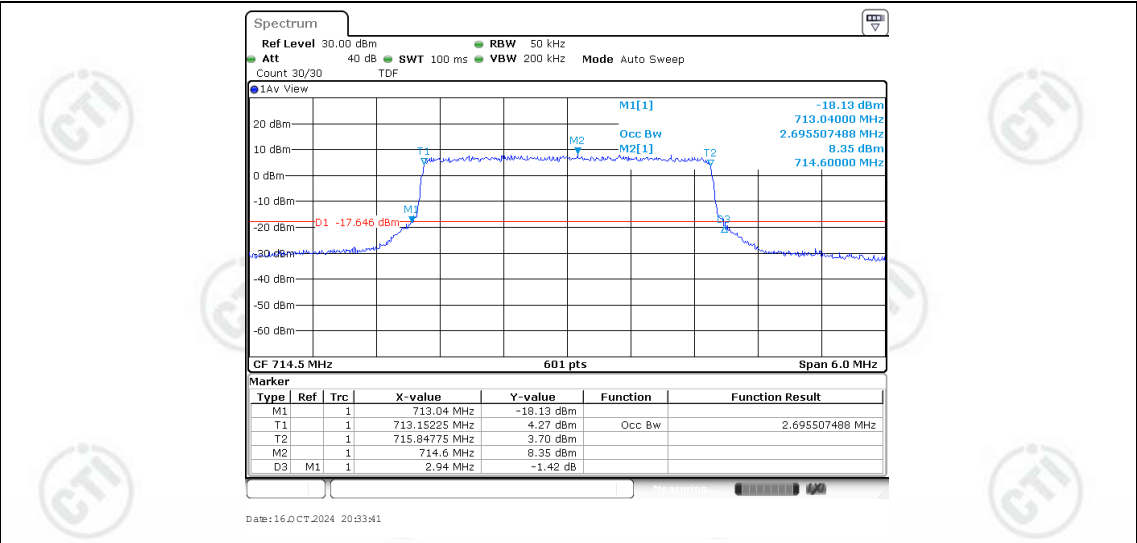
Band12-1.4MHz-16QAM-23173-6RB#0-1.093



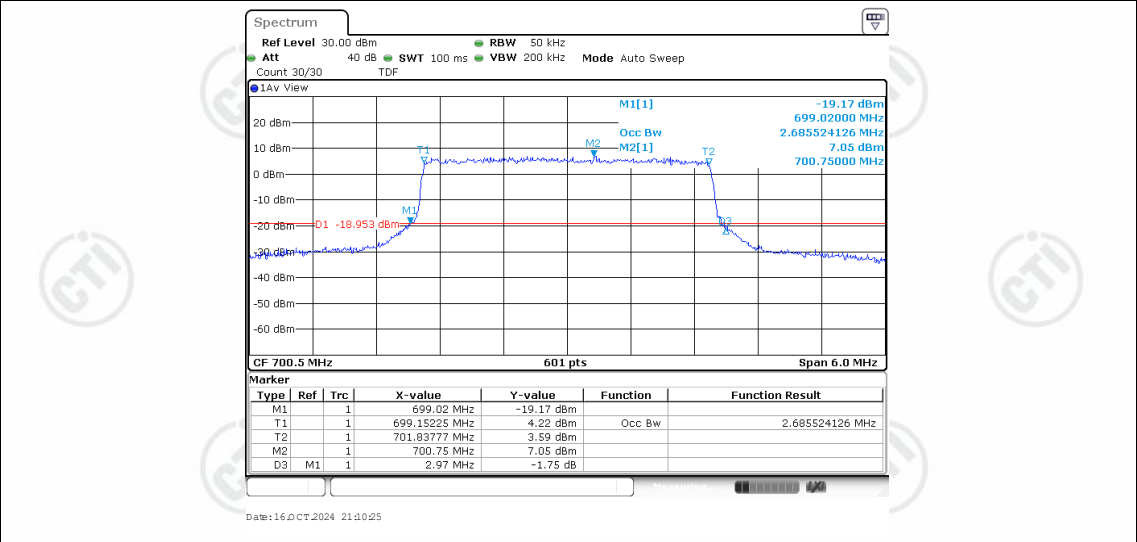
Band12-3MHz-QPSK-23025-15RB#0-2.696



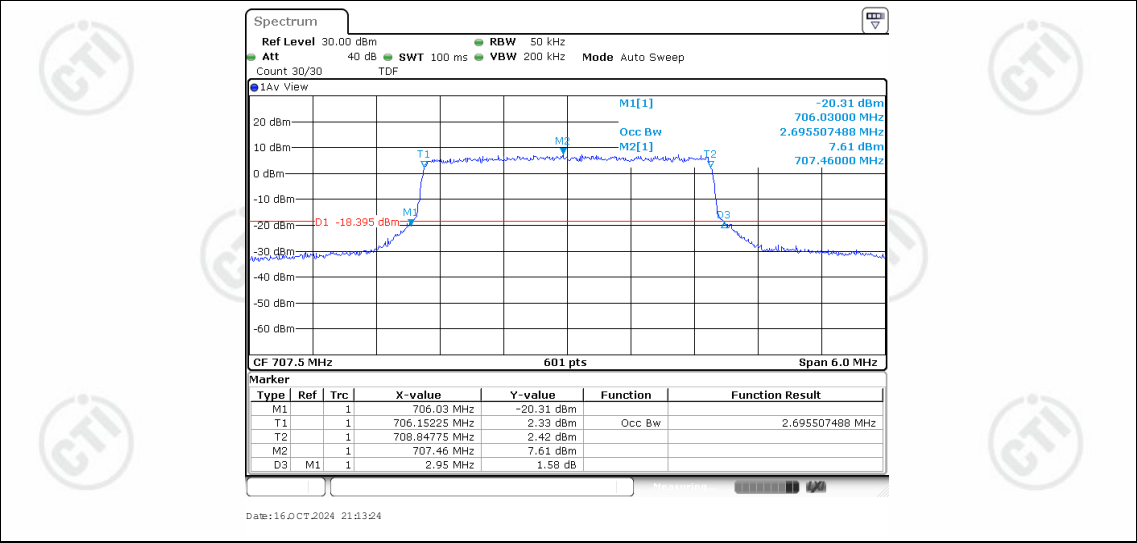
Band12-3MHz-QPSK-23095-15RB#0-2.696



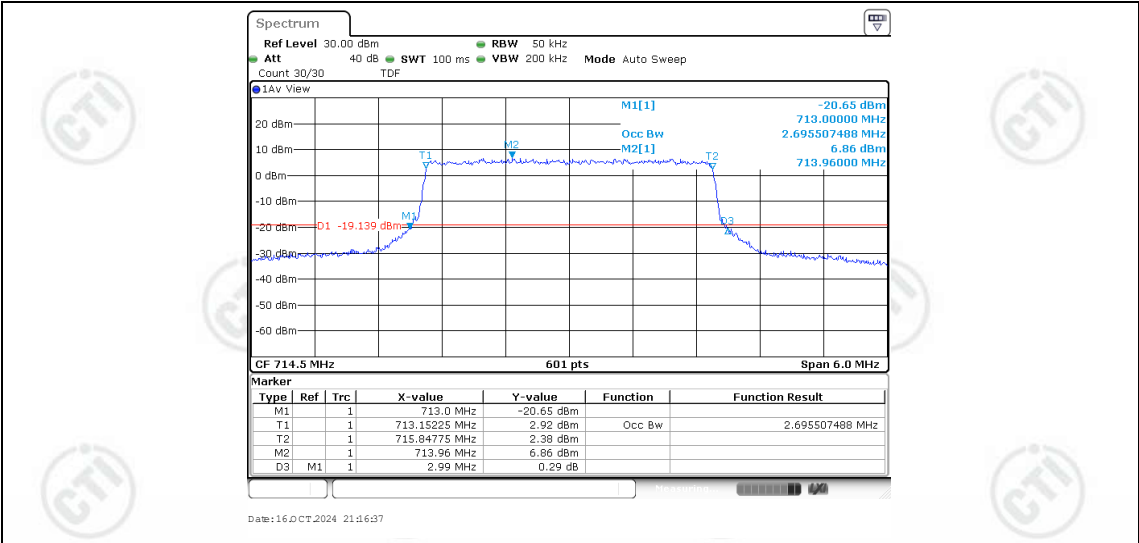
Band12-3MHz-QPSK-23165-15RB#0-2.696



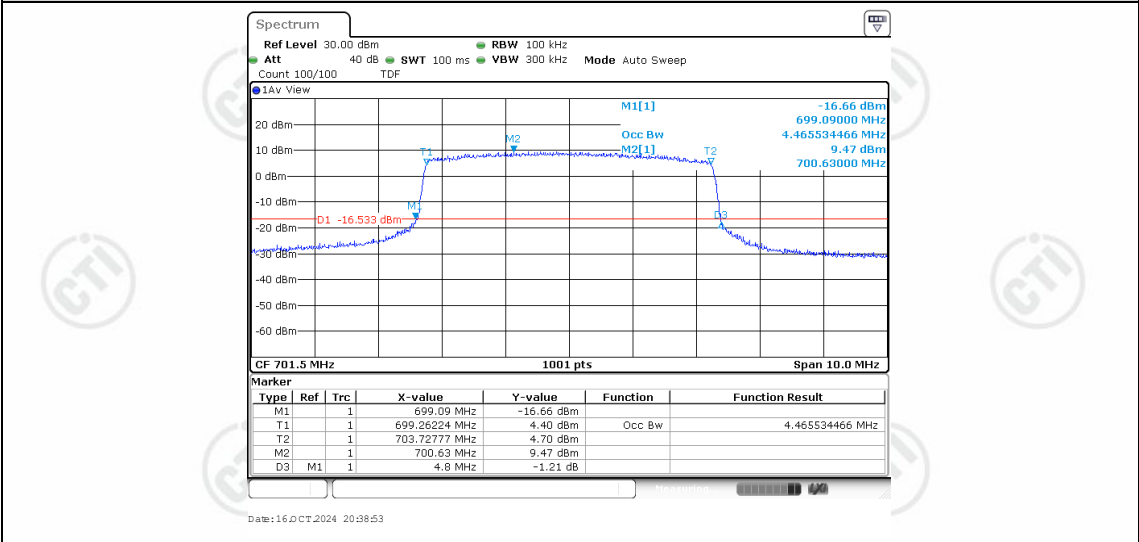
Band12-3MHz-16QAM-23025-15RB#0-2.686



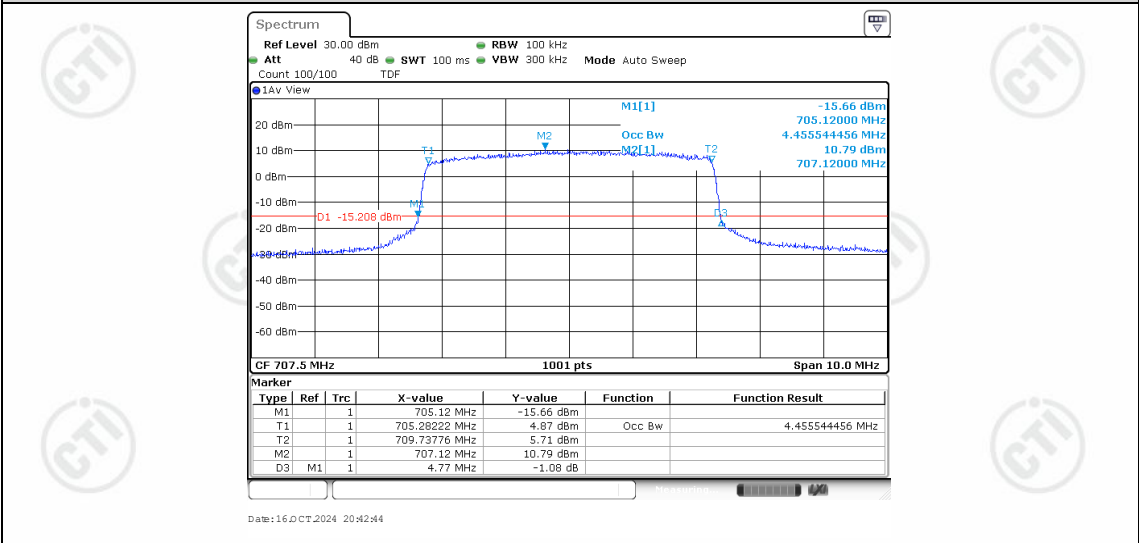
Band12-3MHz-16QAM-23095-15RB#0-2.696



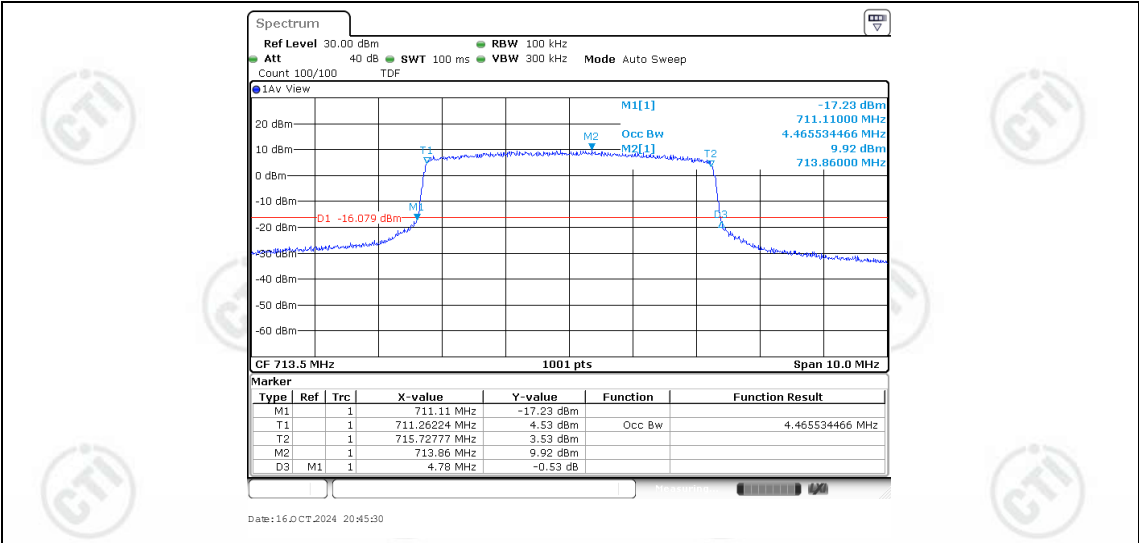
Band12-3MHz-16QAM-23165-15RB#0-2.696



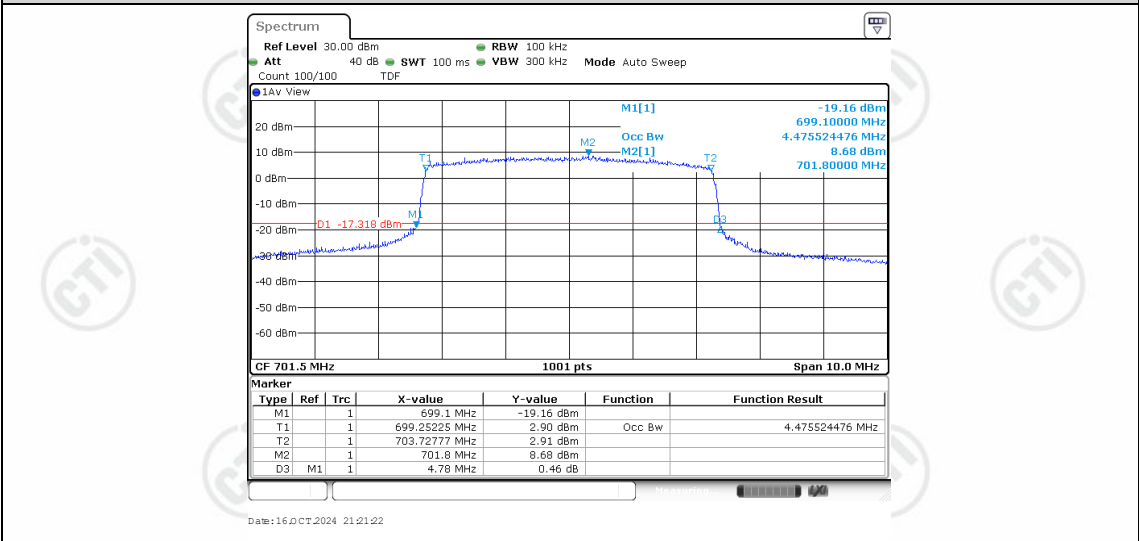
Band12-5MHz-QPSK-23035-25RB#0-4.466



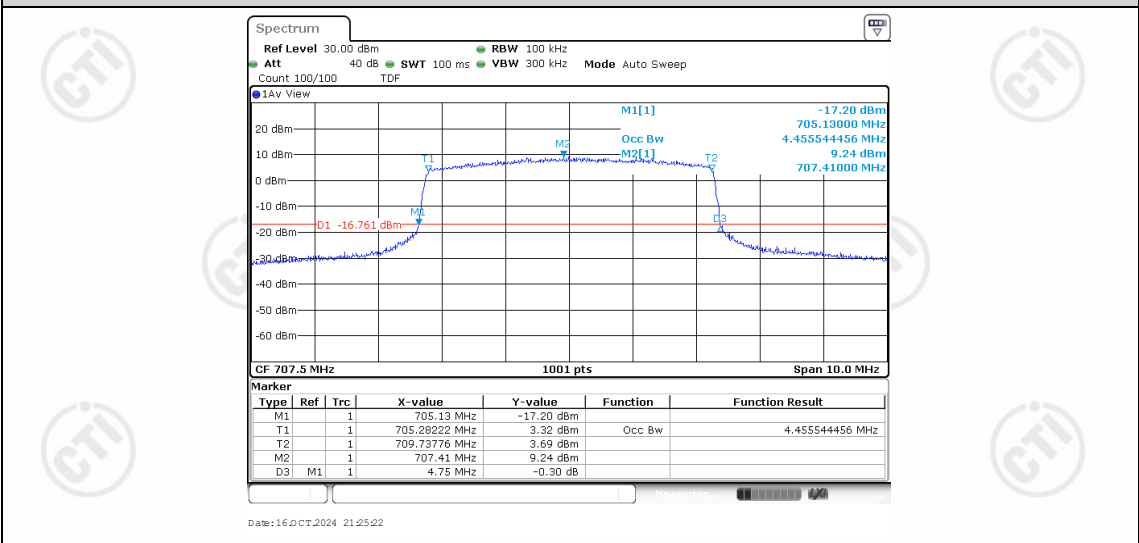
Band12-5MHz-QPSK-23095-25RB#0-4.456



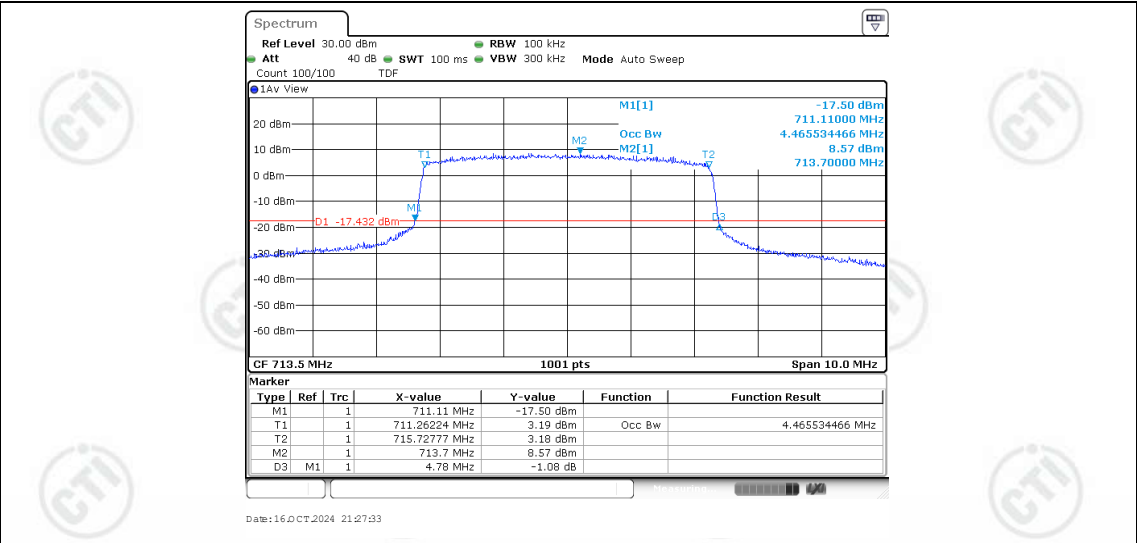
Band12-5MHz-QPSK-23155-25RB#0-4.466



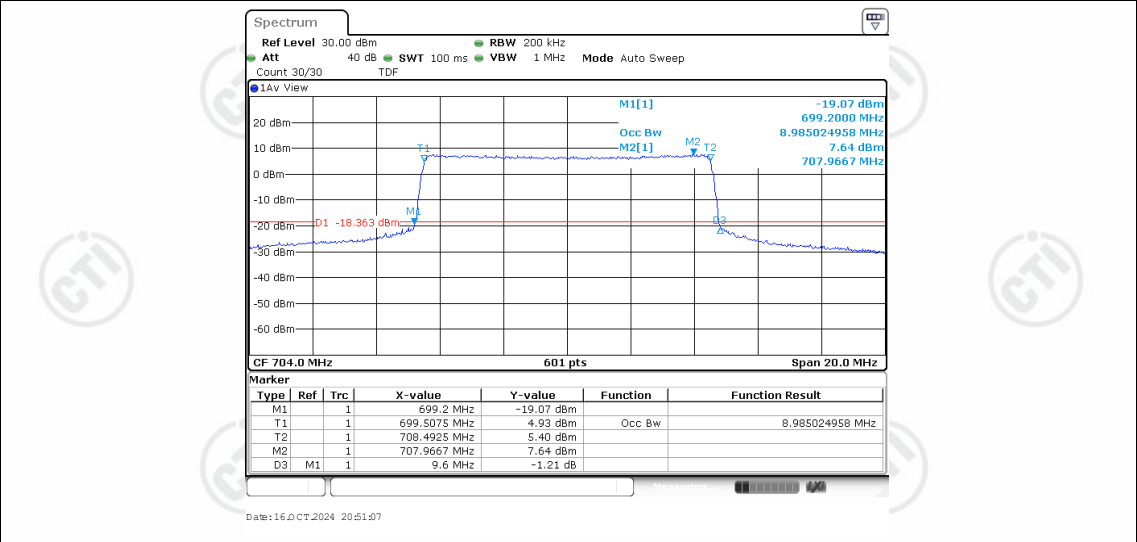
Band12-5MHz-16QAM-23035-25RB#0-4.476



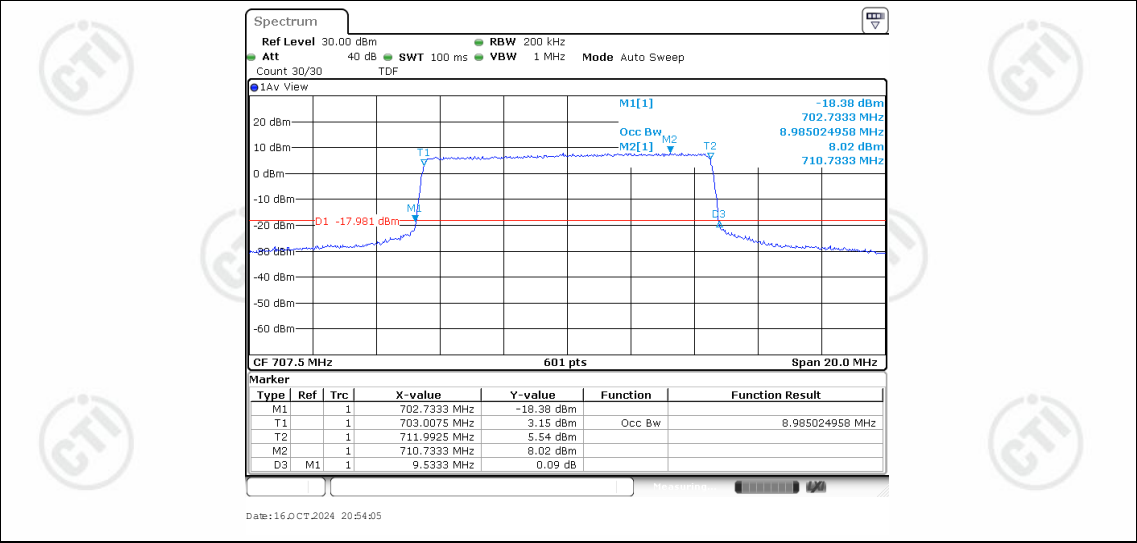
Band12-5MHz-16QAM-23095-25RB#0-4.456



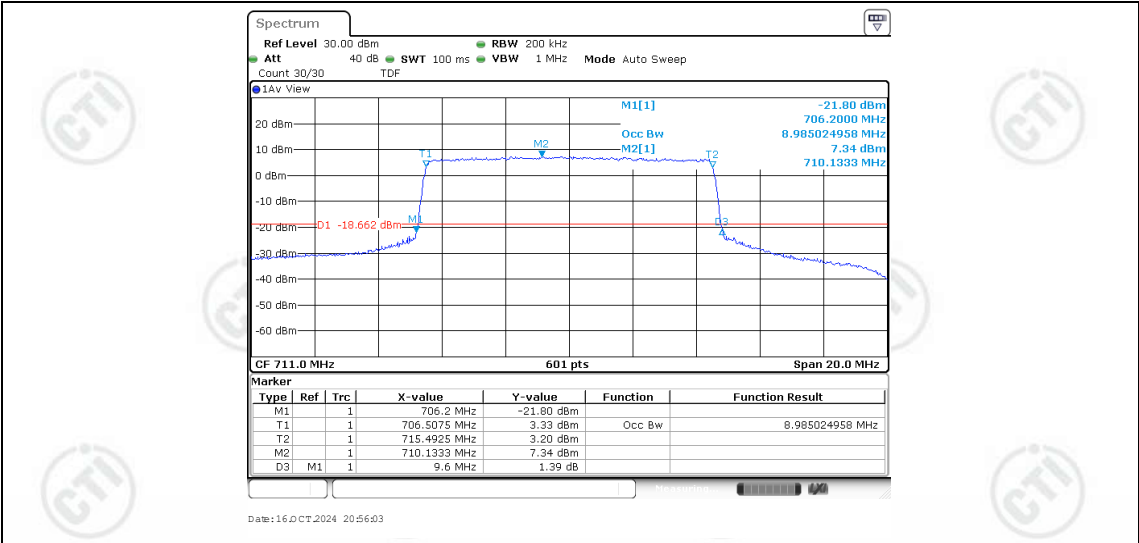
Band12-5MHz-16QAM-23155-25RB#0-4.466



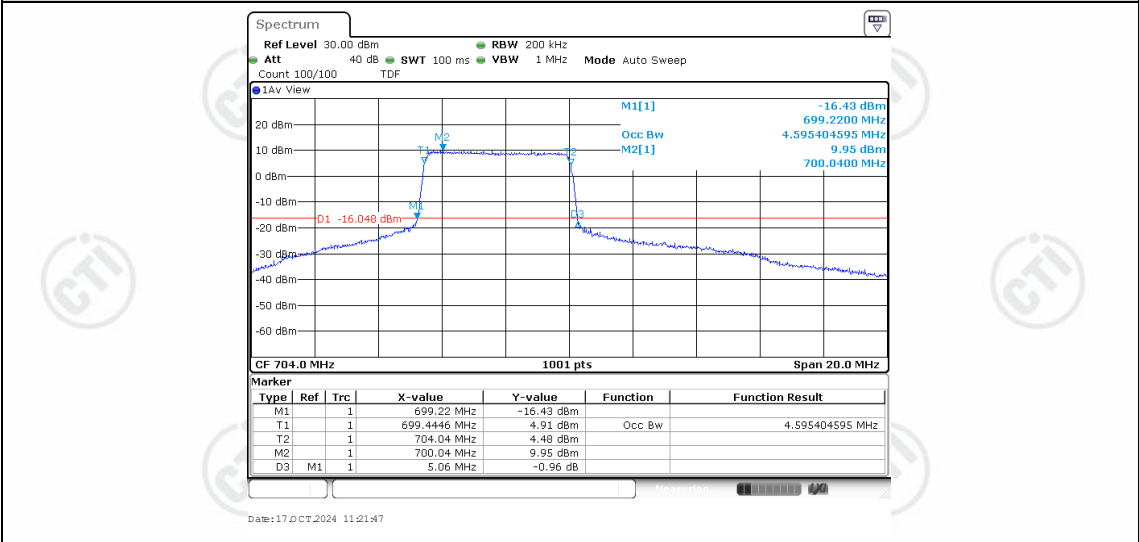
Band12-10MHz-QPSK-23060-50RB#0-8.985



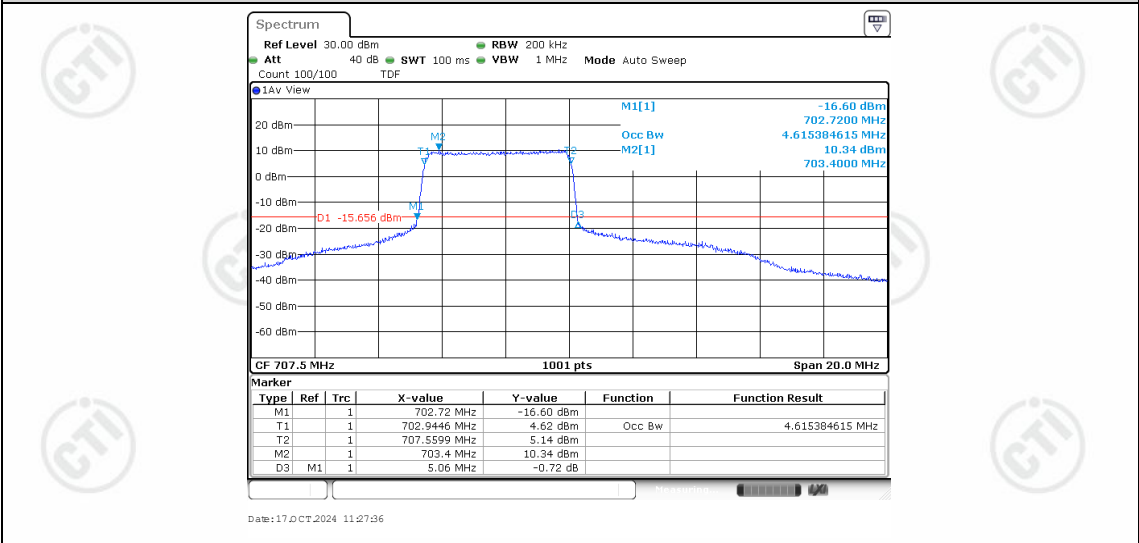
Band12-10MHz-QPSK-23095-50RB#0-8.985



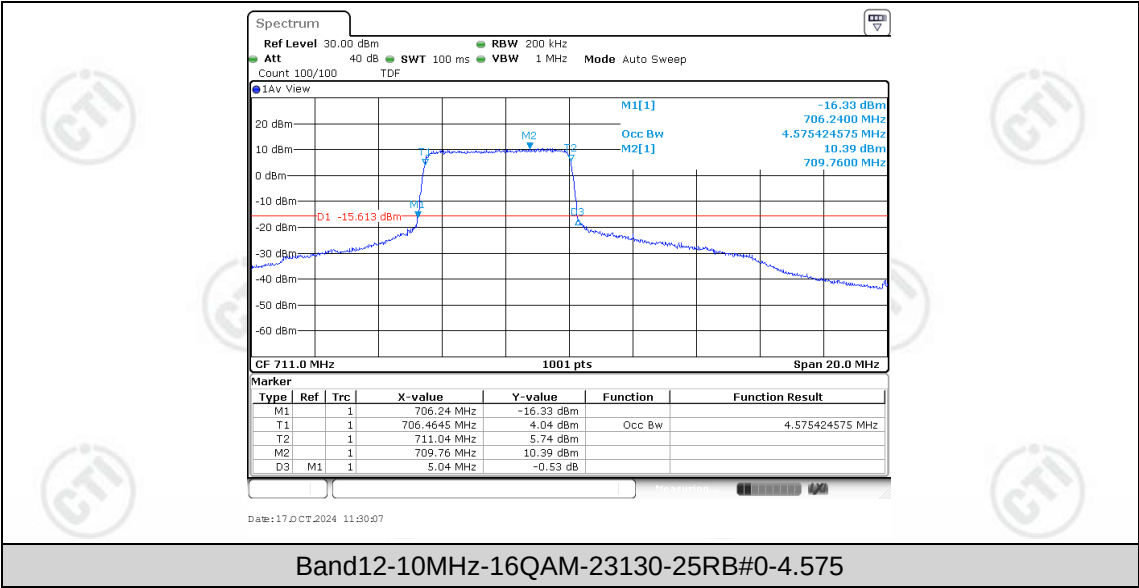
Band12-10MHz-QPSK-23130-50RB#0-8.985



Band12-10MHz-16QAM-23060-25RB#0-4.595



Band12-10MHz-16QAM-23095-25RB#0-4.615



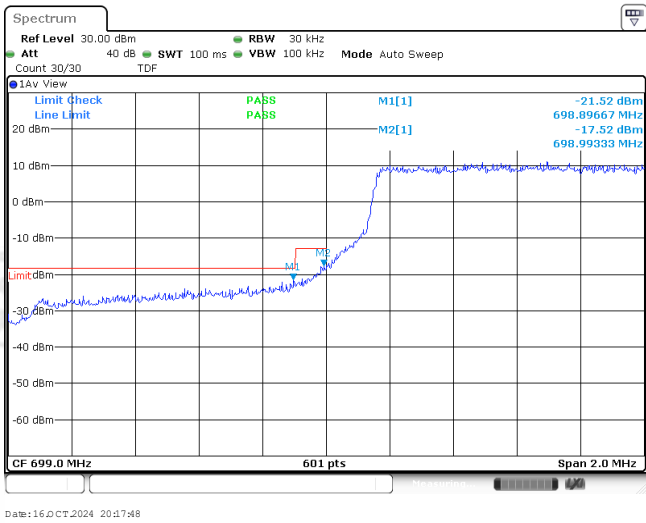
Appendix D: Band Edge**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-26.92,-15.52	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-31.20,-22.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-21.52,-17.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-22.90,-30.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-15.00,-26.50	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-16.84,-22.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-22.79,-13.11	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-32.21,-22.71	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-23.73,-18.41	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-23.49,-31.03	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-15.23,-26.78	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-18.99,-23.54	PASS
Band12	3MHz	QPSK	23025	1RB#0	-19.06,-13.08	PASS
Band12	3MHz	QPSK	23025	1RB#14	-24.88,-22.44	PASS
Band12	3MHz	QPSK	23025	15RB#0	-21.64,-17.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	-23.35,-25.28	PASS
Band12	3MHz	QPSK	23165	1RB#14	-13.72,-19.50	PASS
Band12	3MHz	QPSK	23165	15RB#0	-19.42,-22.35	PASS
Band12	3MHz	16QAM	23025	1RB#0	-18.41,-13.17	PASS
Band12	3MHz	16QAM	23025	1RB#14	-25.31,-22.49	PASS
Band12	3MHz	16QAM	23025	15RB#0	-22.97,-19.86	PASS
Band12	3MHz	16QAM	23165	1RB#0	-23.17,-26.29	PASS
Band12	3MHz	16QAM	23165	1RB#14	-13.26,-19.10	PASS
Band12	3MHz	16QAM	23165	15RB#0	-20.72,-23.15	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.92	PASS
Band12	5MHz	QPSK	23035	1RB#24	-27.12	PASS
Band12	5MHz	QPSK	23035	25RB#0	-20.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	-28.51	PASS
Band12	5MHz	QPSK	23155	1RB#24	-14.50	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	-15.68	PASS
Band12	5MHz	16QAM	23035	1RB#24	-27.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	-22.12	PASS
Band12	5MHz	16QAM	23155	1RB#0	-29.39	PASS

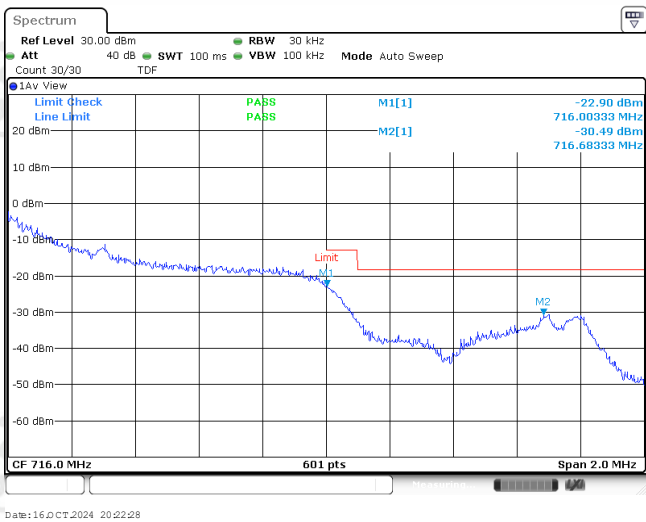
Band12	5MHz	16QAM	23155	1RB#24	-16.21	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	-16.92,-14.73	PASS
Band12	10MHz	QPSK	23060	1RB#49	-27.35,-27.81	PASS
Band12	10MHz	QPSK	23060	50RB#0	-21.11,-20.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	-27.97,-27.48	PASS
Band12	10MHz	QPSK	23130	1RB#49	-15.53,-17.16	PASS
Band12	10MHz	QPSK	23130	50RB#0	-23.48,-23.95	PASS
Band12	10MHz	16QAM	23060	1RB#0	-18.07,-15.73	PASS
Band12	10MHz	16QAM	23060	1RB#24	-28.72,-28.27	PASS
Band12	10MHz	16QAM	23060	25RB#0	-20.93,-20.43	PASS
Band12	10MHz	16QAM	23130	1RB#0	-28.70,-28.25	PASS
Band12	10MHz	16QAM	23130	1RB#24	-29.18,-29.52	PASS
Band12	10MHz	16QAM	23130	25RB#0	-30.28,-30.42	PASS

Test Graphs

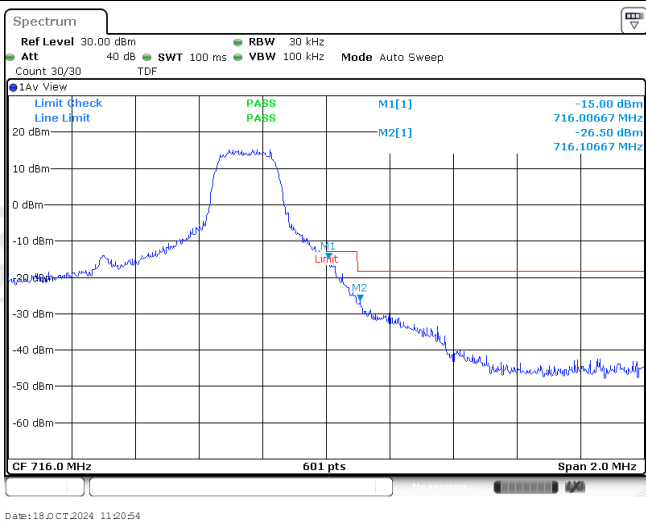




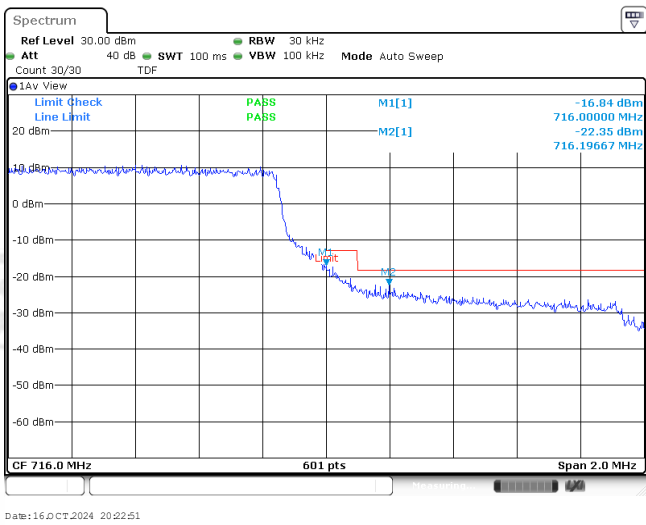
Band12-1.4MHz-QPSK-23017-6RB#0



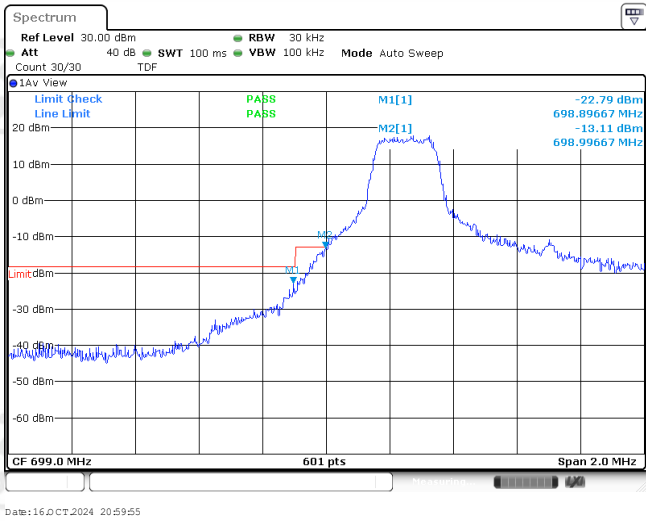
Band12-1.4MHz-QPSK-23173-1RB#0



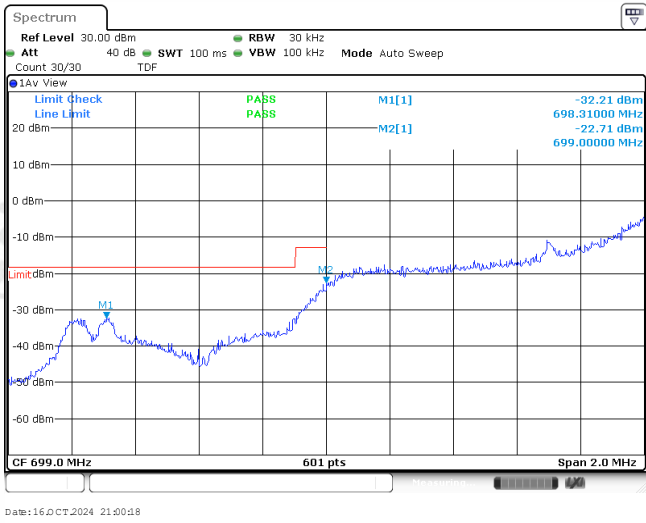
Band12-1.4MHz-QPSK-23173-1RB#5



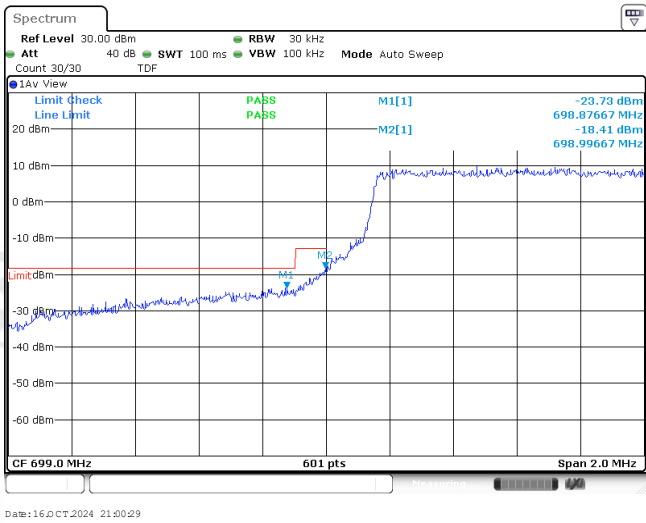
Band12-1.4MHz-QPSK-23173-6RB#0



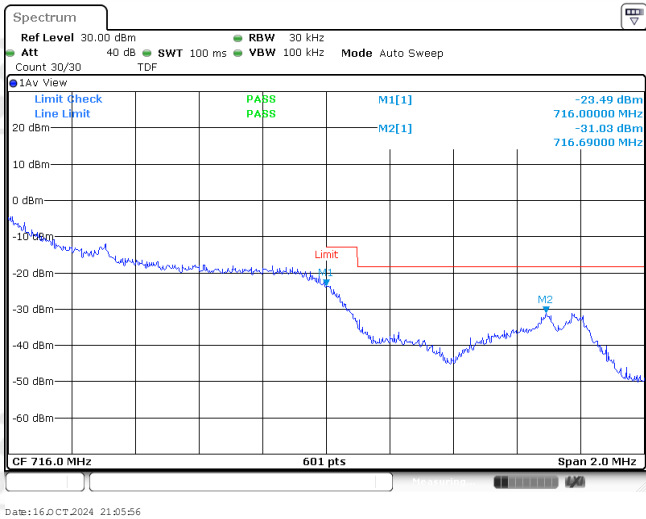
Band12-1.4MHz-16QAM-23017-1RB#0



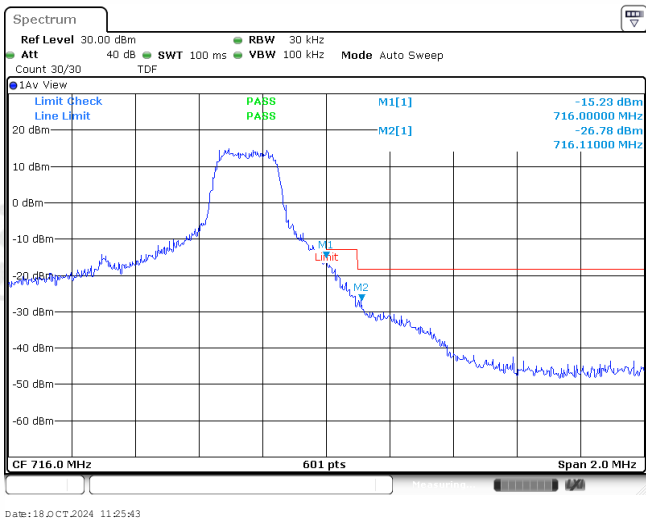
Band12-1.4MHz-16QAM-23017-1RB#5



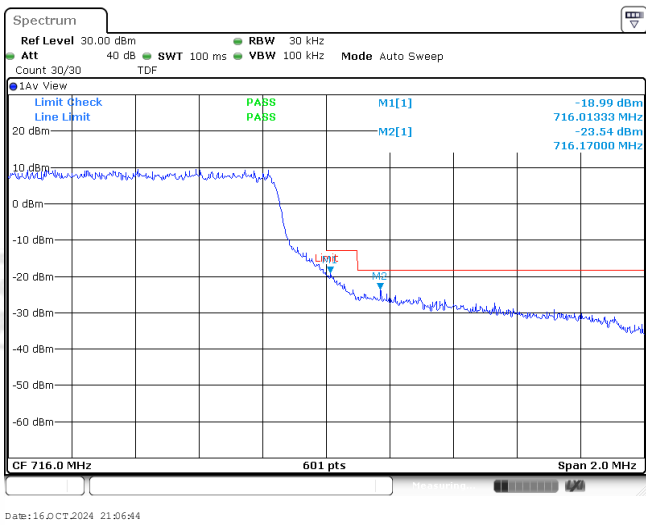
Band12-1.4MHz-16QAM-23017-6RB#0



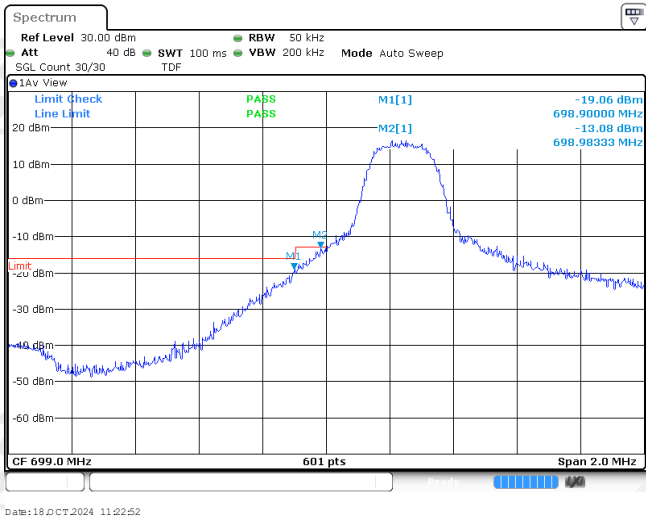
Band12-1.4MHz-16QAM-23173-1RB#0



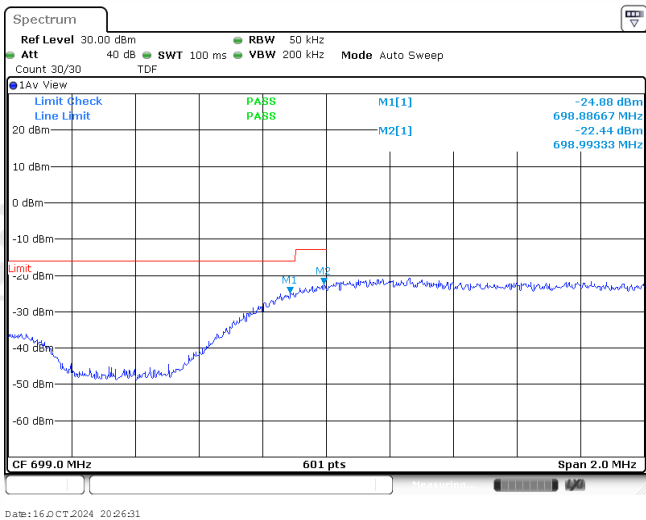
Band12-1.4MHz-16QAM-23173-1RB#5



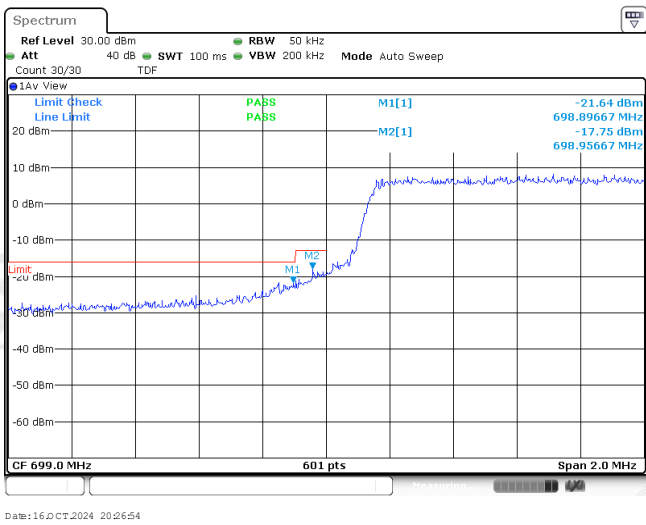
Band12-1.4MHz-16QAM-23173-6RB#0



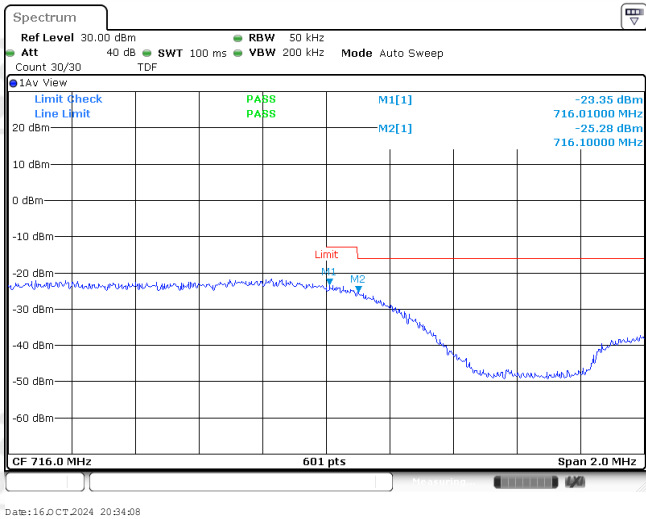
Band12-3MHz-QPSK-23025-1RB#0



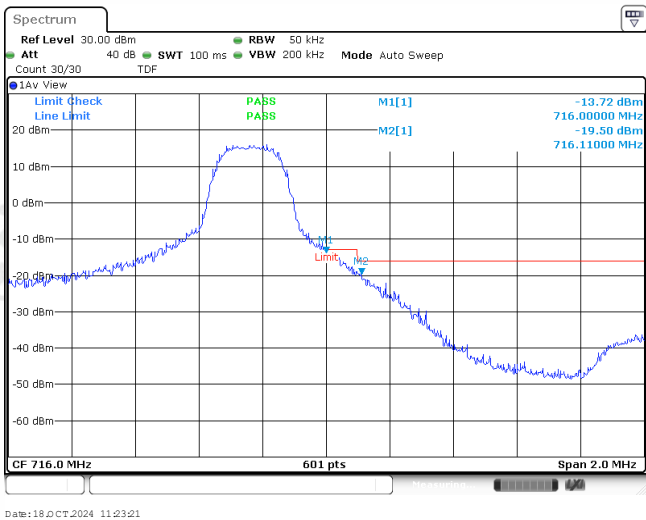
Band12-3MHz-QPSK-23025-1RB#14



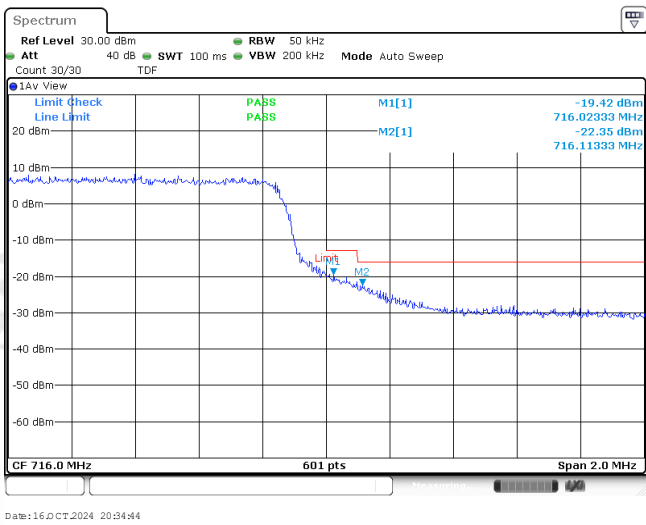
Band12-3MHz-QPSK-23025-15RB#0



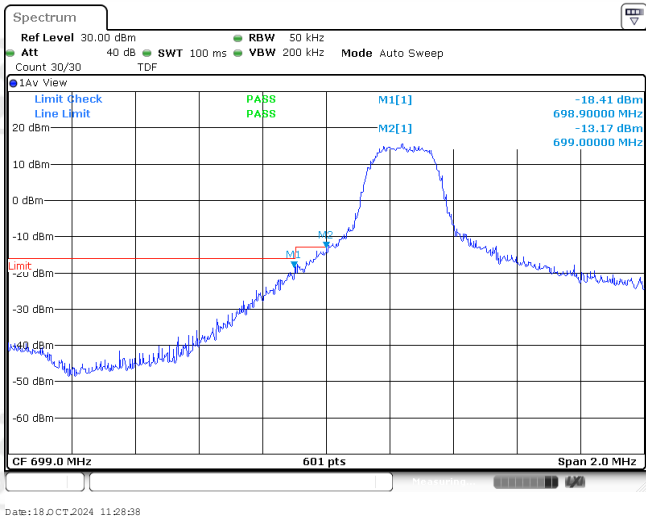
Band12-3MHz-QPSK-23165-1RB#0



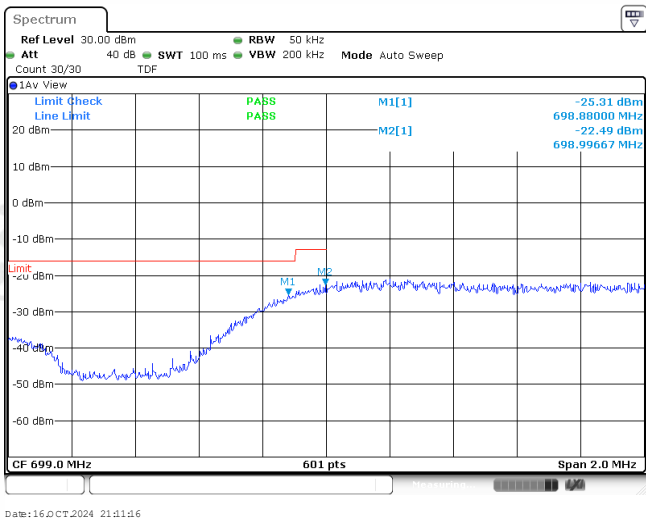
Band12-3MHz-QPSK-23165-1RB#14



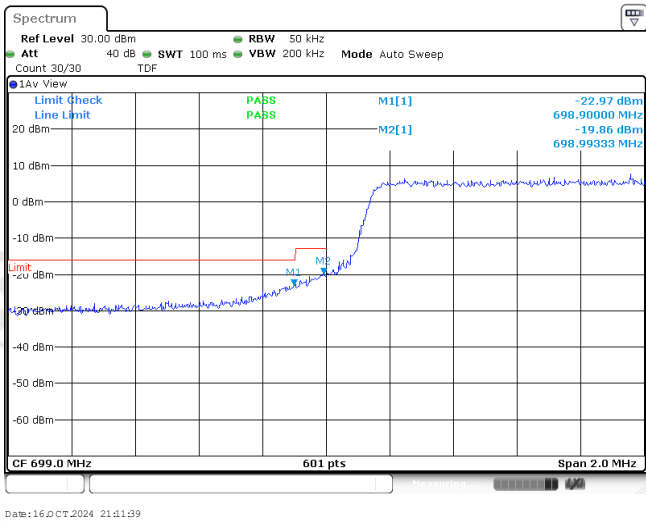
Band12-3MHz-QPSK-23165-15RB#0



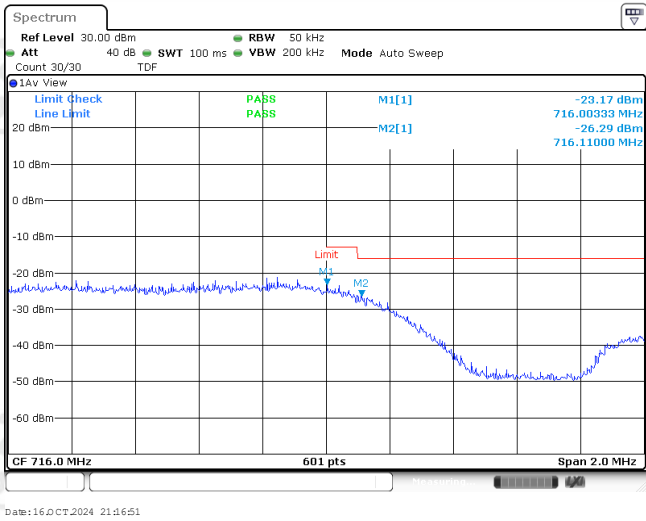
Band12-3MHz-16QAM-23025-1RB#0



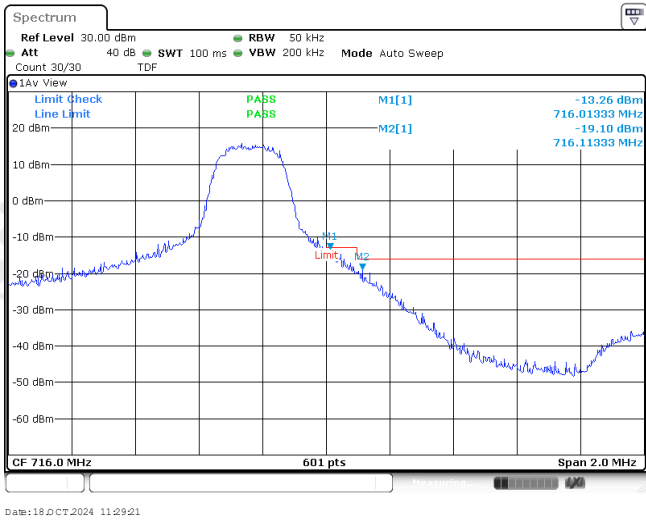
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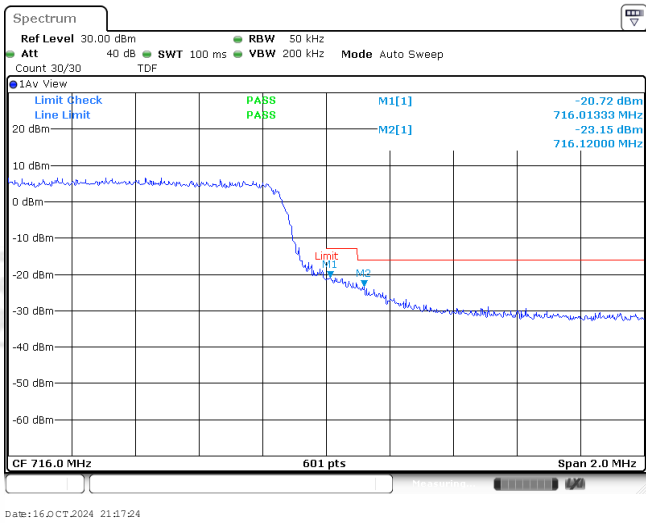
Band12-3MHz-16QAM-23025-15RB#0



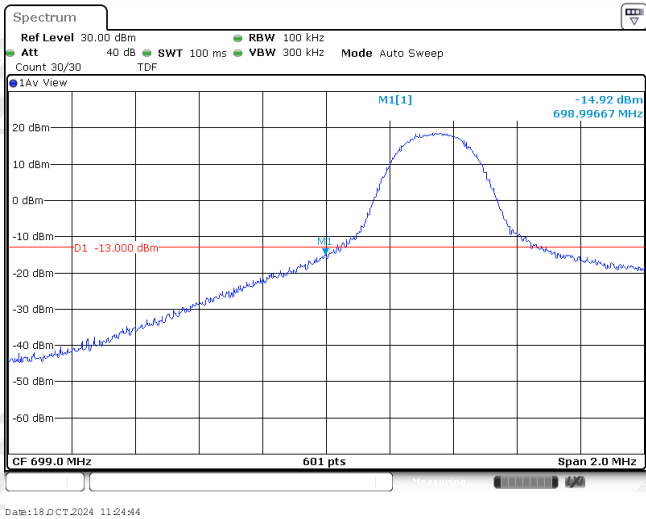
Band12-3MHz-16QAM-23165-1RB#0



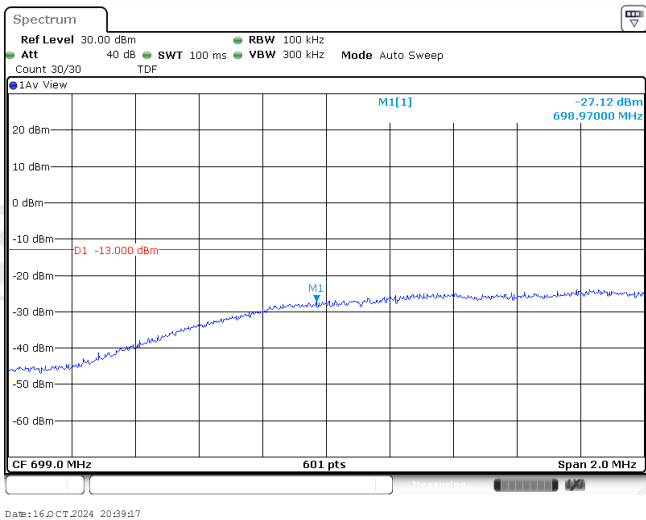
Band12-3MHz-16QAM-23165-1RB#14



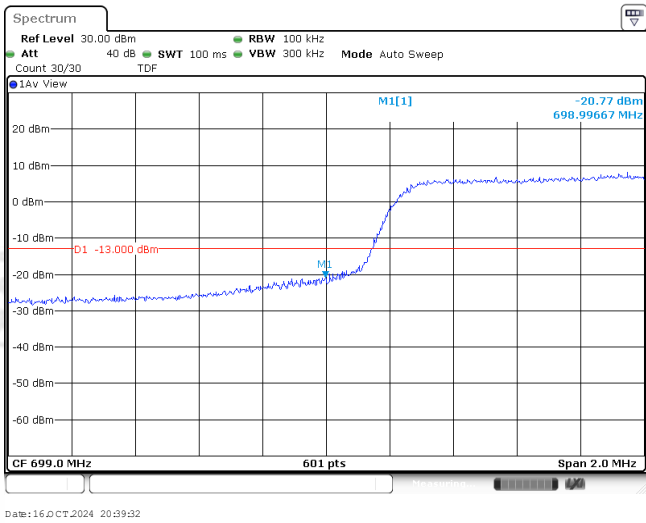
Band12-3MHz-16QAM-23165-15RB#0



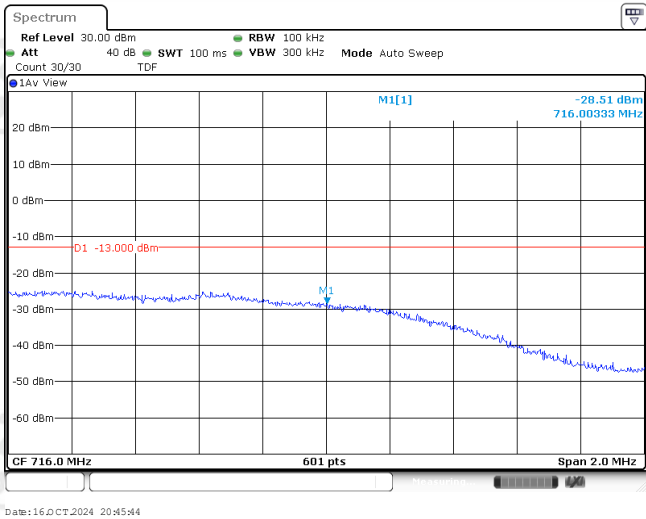
Band12-5MHz-QPSK-23035-1RB#0



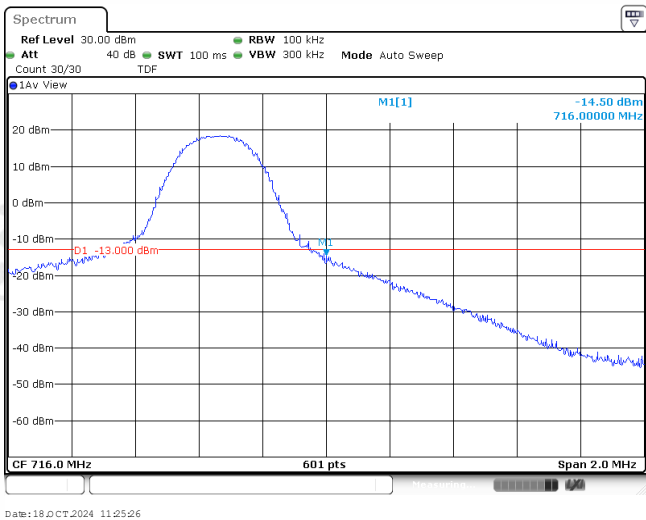
Band12-5MHz-QPSK-23035-1RB#24



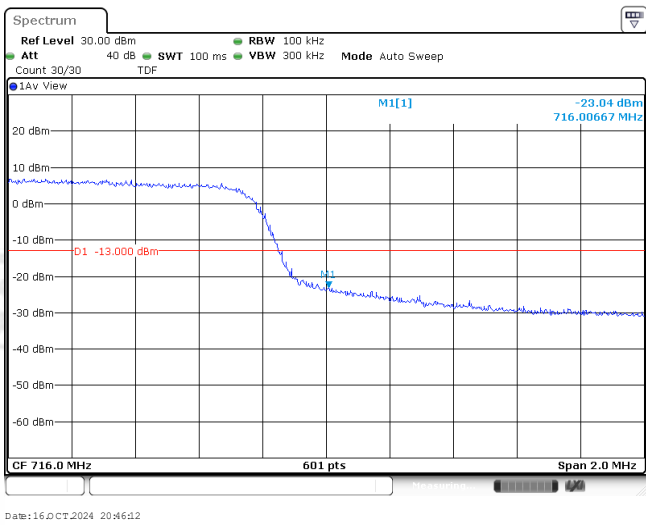
Band12-5MHz-QPSK-23035-25RB#0



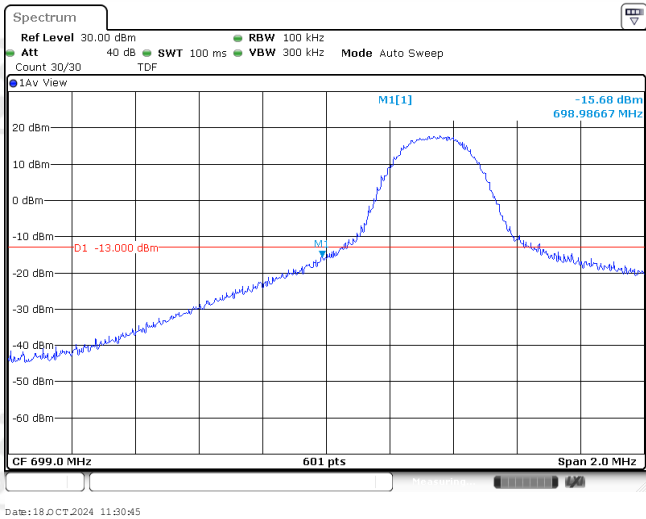
Band12-5MHz-QPSK-23155-1RB#0



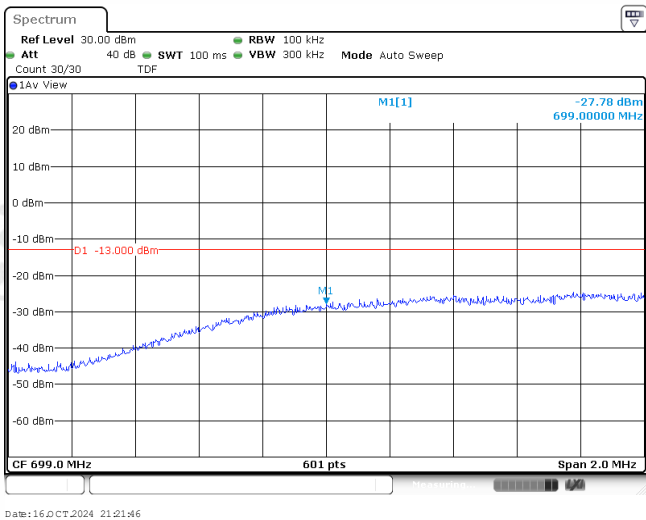
Band12-5MHz-QPSK-23155-1RB#24



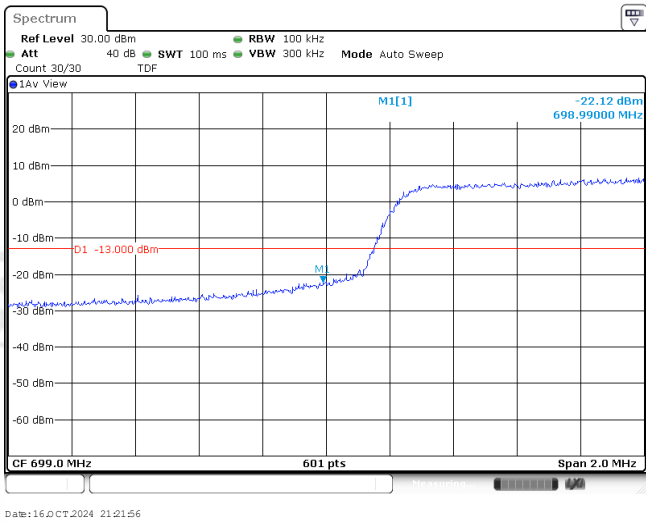
Band12-5MHz-QPSK-23155-25RB#0



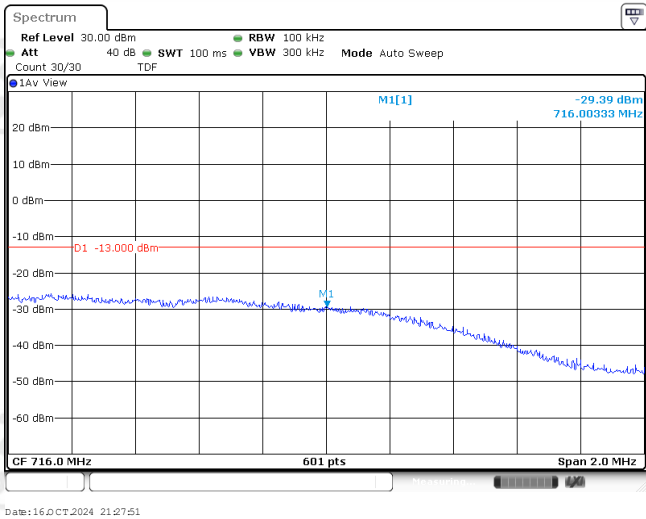
Band12-5MHz-16QAM-23035-1RB#0



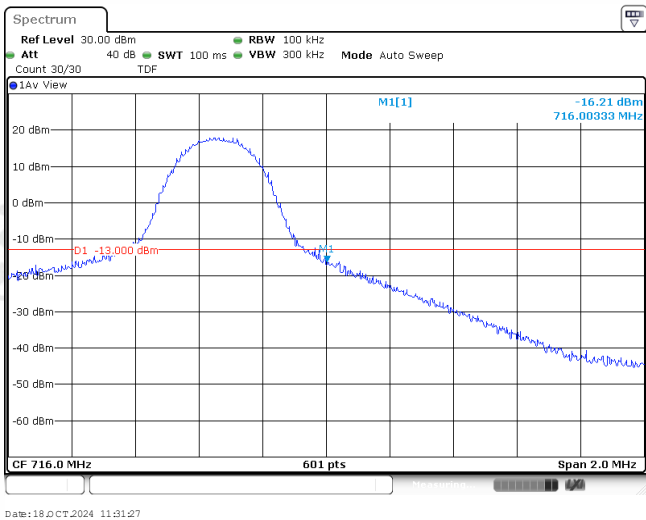
Band12-5MHz-16QAM-23035-1RB#24



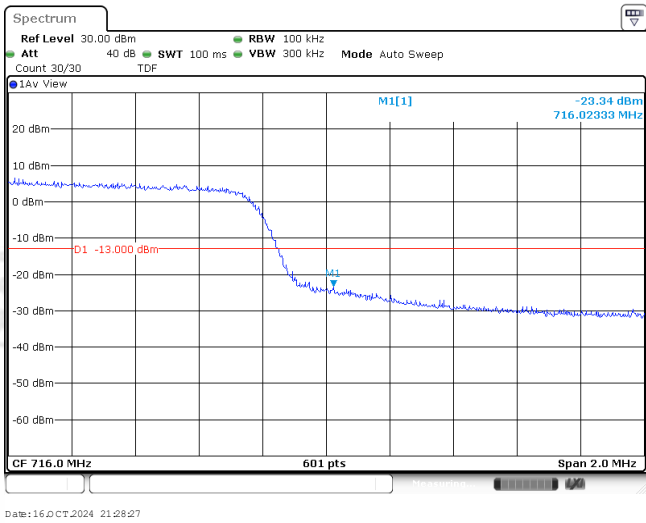
Band12-5MHz-16QAM-23035-25RB#0



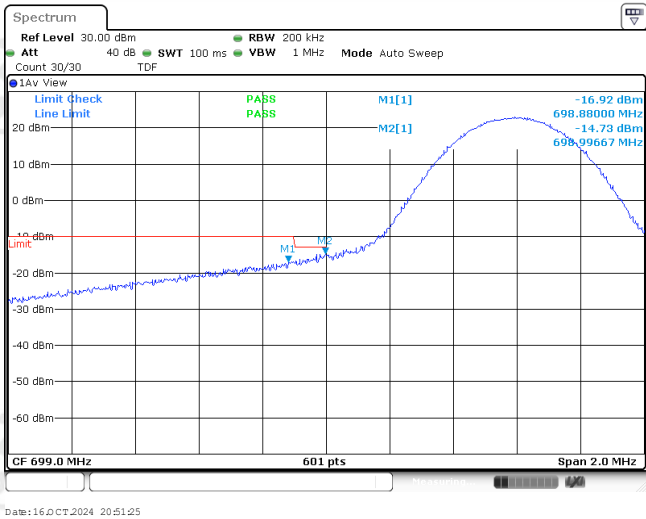
Band12-5MHz-16QAM-23155-1RB#0



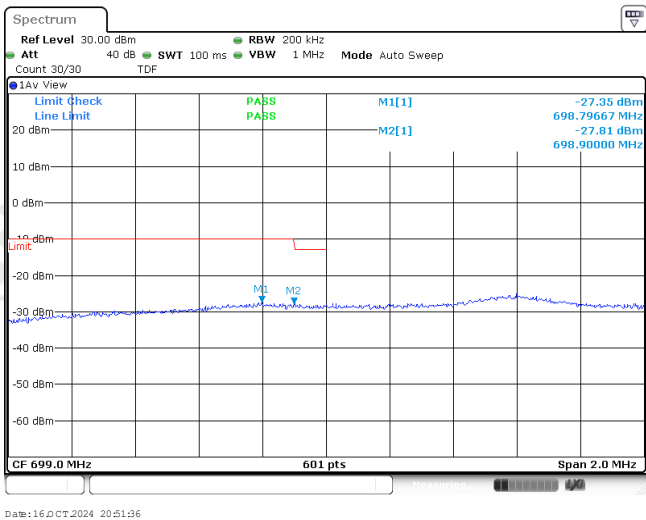
Band12-5MHz-16QAM-23155-1RB#24



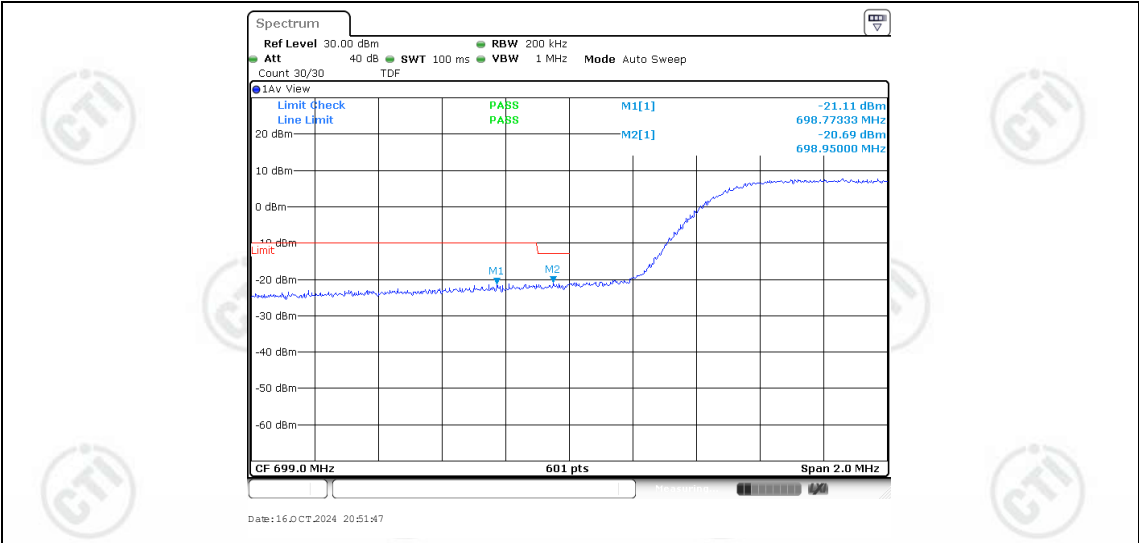
Band12-5MHz-16QAM-23155-25RB#0



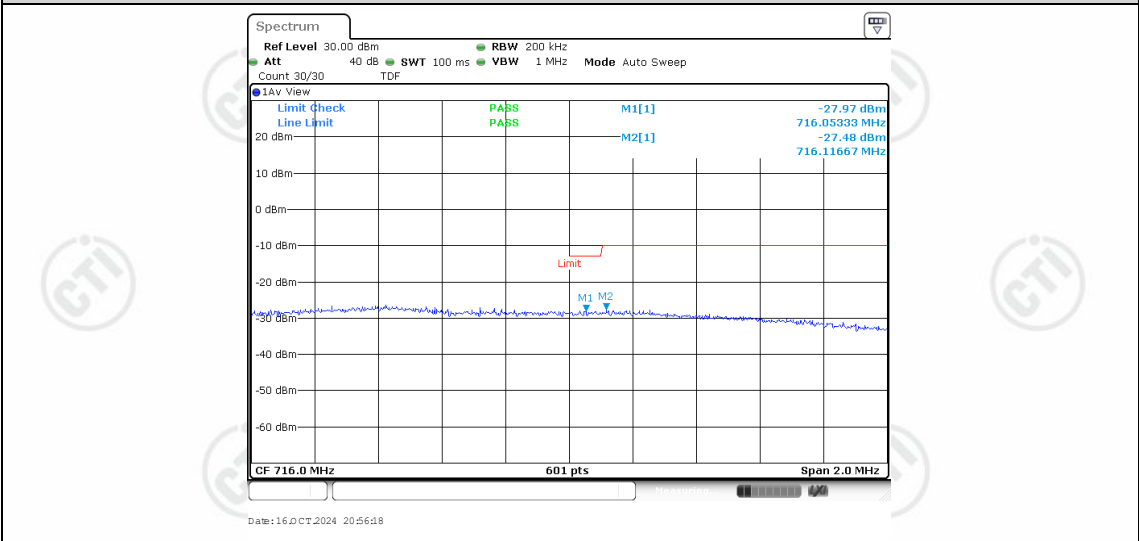
Band12-10MHz-QPSK-23060-1RB#0



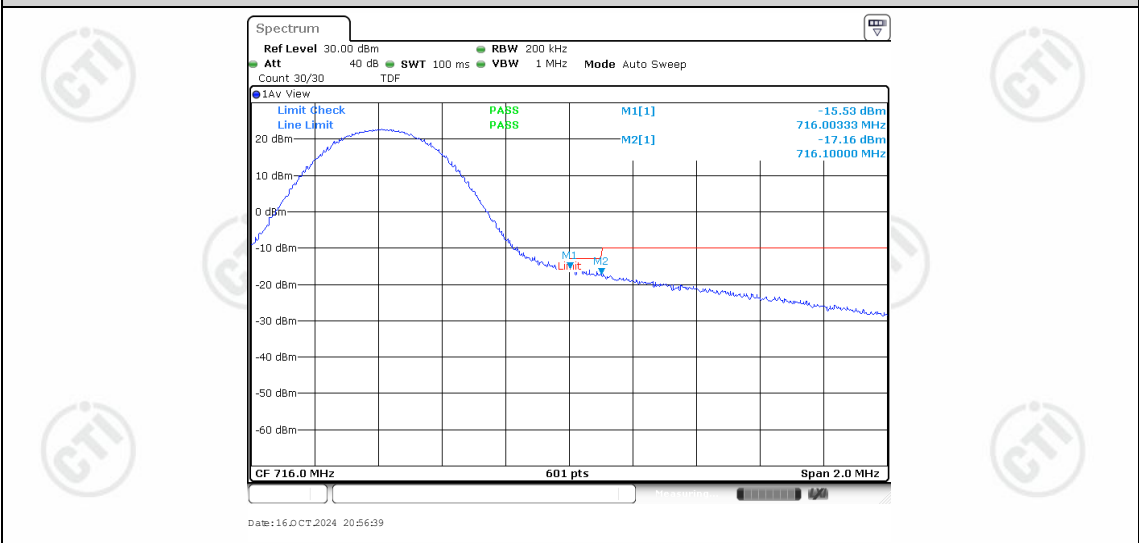
Band12-10MHz-QPSK-23060-1RB#49



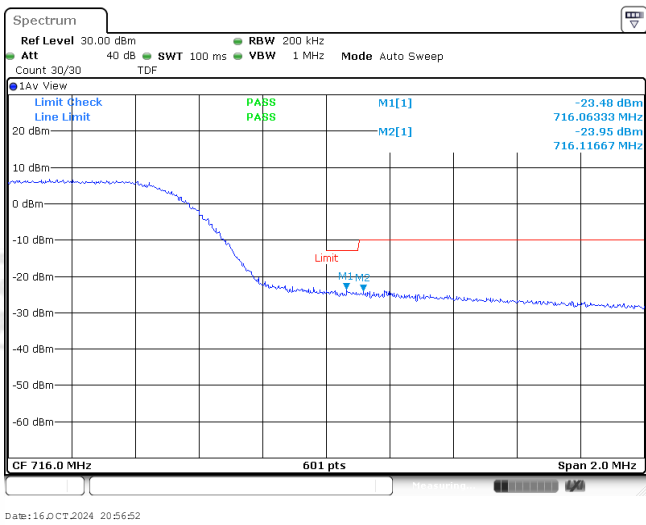
Band12-10MHz-QPSK-23060-50RB#0



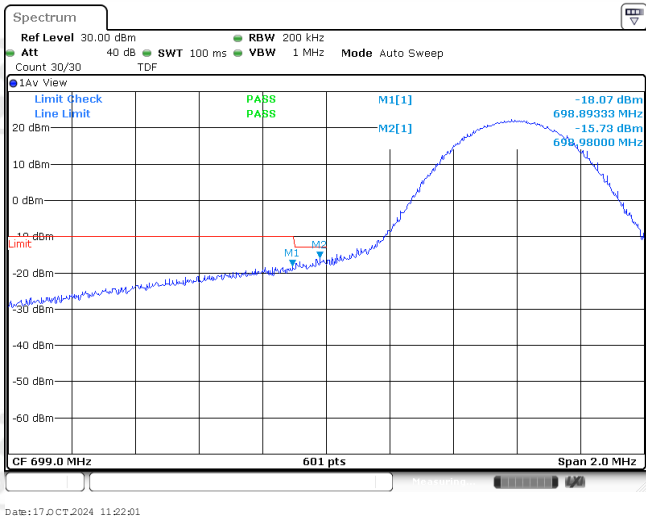
Band12-10MHz-QPSK-23130-1RB#0



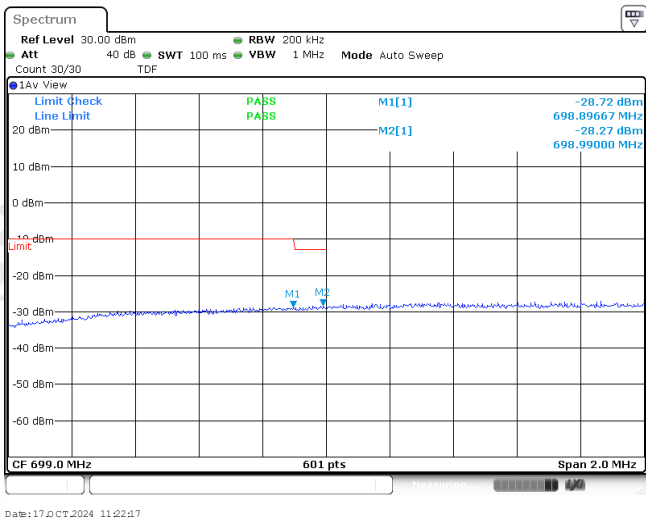
Band12-10MHz-QPSK-23130-1RB#49



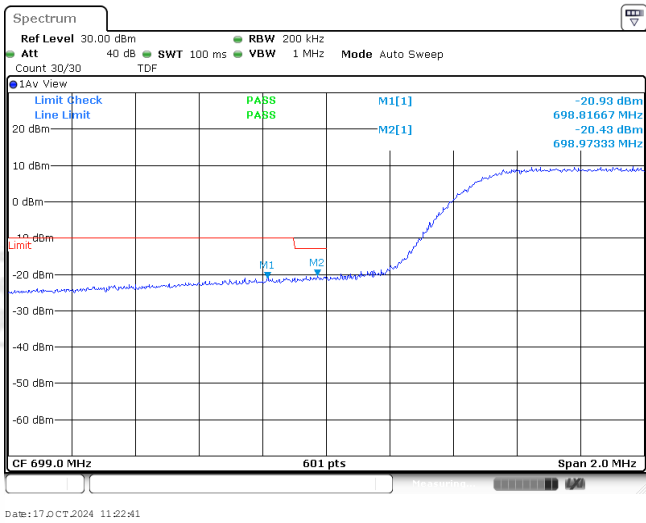
Band12-10MHz-QPSK-23130-50RB#0



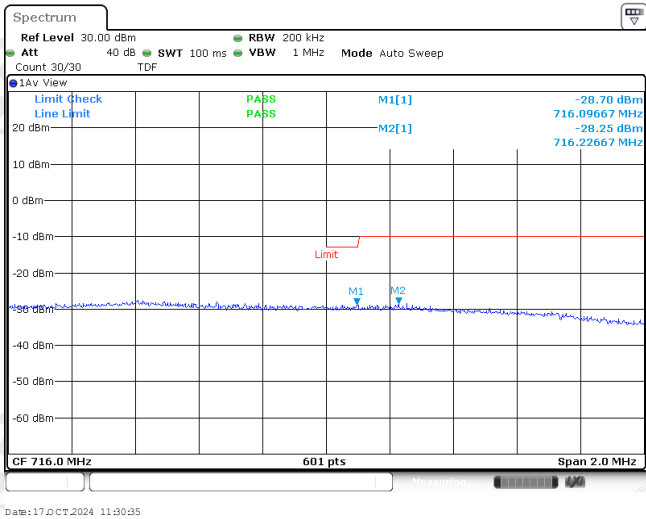
Band12-10MHz-16QAM-23060-1RB#0



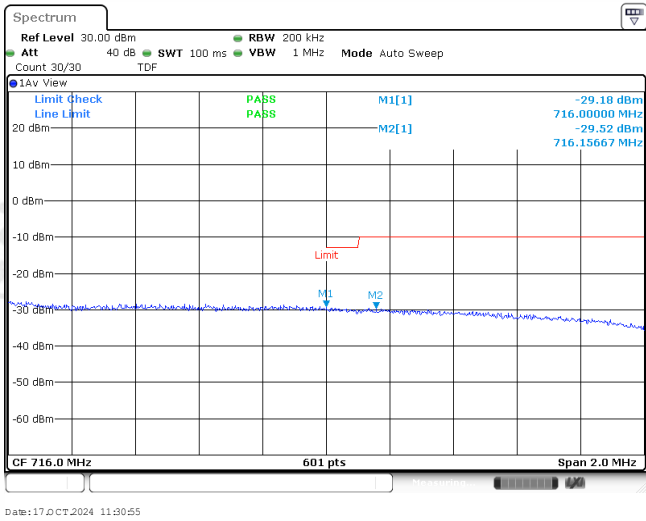
Band12-10MHz-16QAM-23060-1RB#24



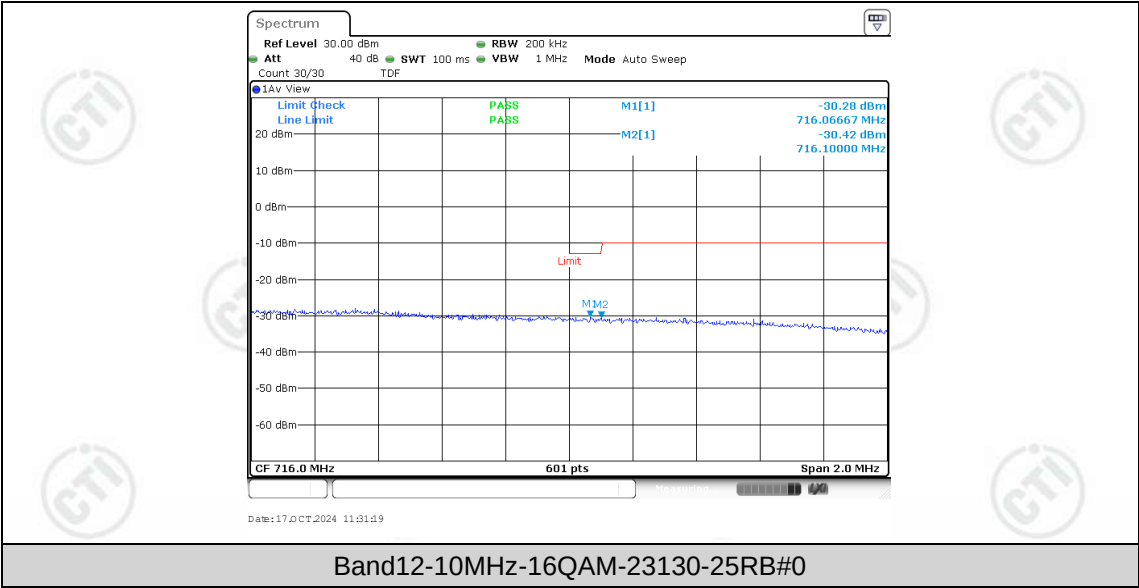
Band12-10MHz-16QAM-23060-25RB#0



Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-1RB#24



Appendix E: Conducted Spurious Emission

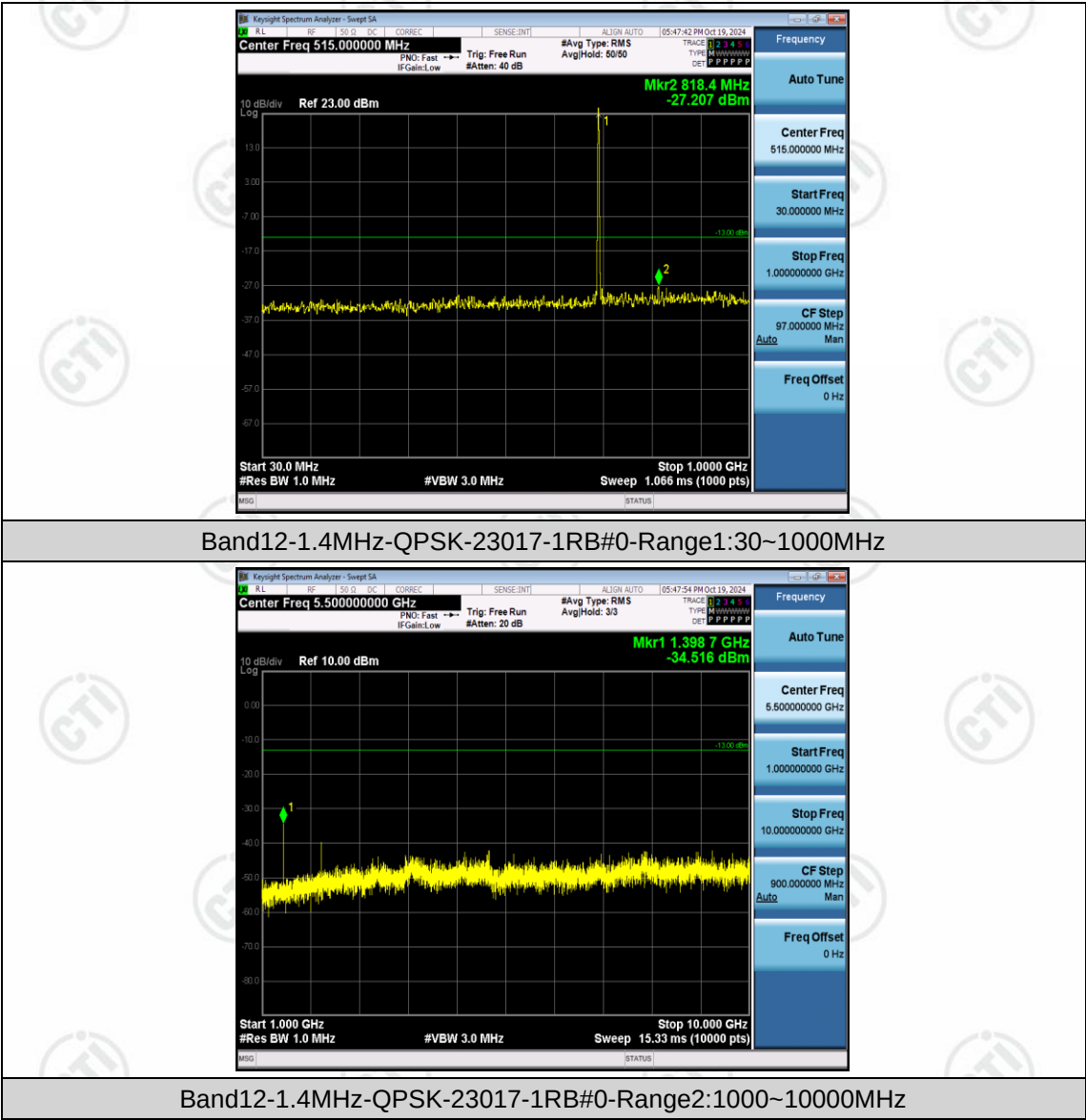
Test Result

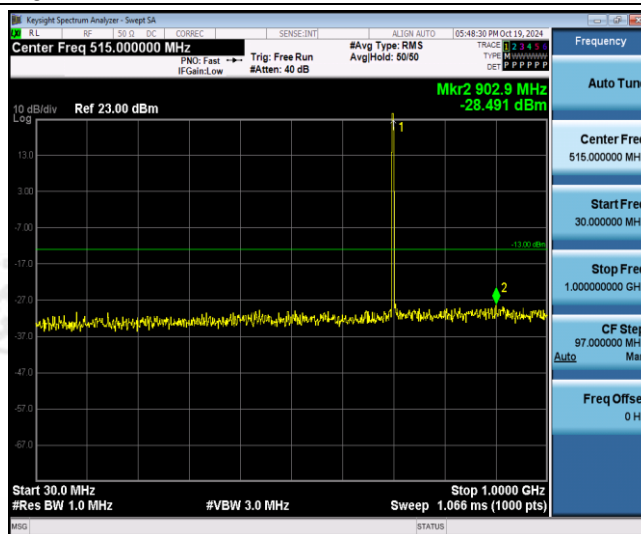
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-27.21	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-34.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-28.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-42	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-27.19	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-40.32	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-28.31	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-37.88	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-28.7	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-41.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-27.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-41.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-28.11	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-38.38	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-28.38	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.51	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-27.78	PASS

Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-36.99	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-27.3	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-38.39	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-27.83	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-42.56	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-27.98	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-36.83	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-28.42	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-37.26	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-27.63	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-41.12	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-27.79	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-28.21	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-35.7	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-27.55	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-42.64	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-26.55	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-33.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-27.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-38.18	PASS

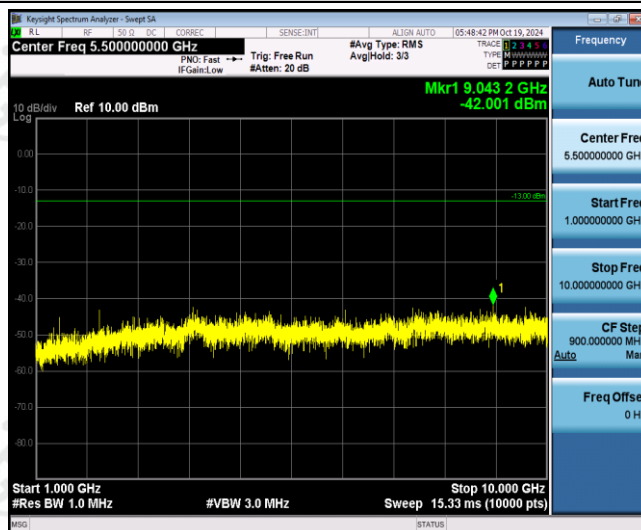
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-28.74	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.43	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-27.96	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-40.44	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-27.99	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-36.4	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-28.07	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-37.09	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-27.85	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-42.77	PASS

Test Graphs

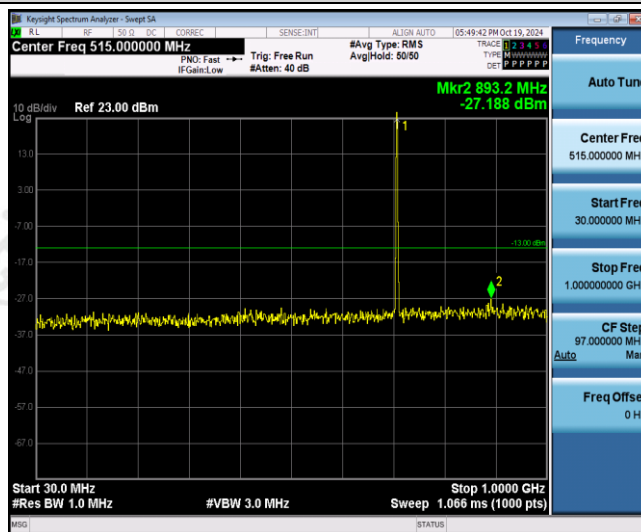




Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz