

Appendix for LTE Band12

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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	20.33	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	20.39	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	20.17	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	20.32	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	20.31	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	20.30	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	19.21	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	20.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	20.69	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	20.65	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	20.57	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	20.58	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	20.70	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	19.58	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	21.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	21.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	21.43	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	21.60	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	21.51	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.55	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	20.56	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	19.13	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	19.13	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	19.00	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	19.12	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	19.13	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	19.06	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	18.06	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	19.26	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	19.42	PASS

Band12	1.4MHz	16QAM	23095	1RB#5	19.39	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	19.31	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	19.33	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	19.44	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	18.62	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	20.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	20.61	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	20.40	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.32	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	20.33	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.28	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	19.59	PASS
Band12	3MHz	QPSK	23025	1RB#0	20.46	PASS
Band12	3MHz	QPSK	23025	1RB#8	20.32	PASS
Band12	3MHz	QPSK	23025	1RB#14	20.24	PASS
Band12	3MHz	QPSK	23025	8RB#0	19.33	PASS
Band12	3MHz	QPSK	23025	8RB#4	19.33	PASS
Band12	3MHz	QPSK	23025	8RB#7	19.27	PASS
Band12	3MHz	QPSK	23025	15RB#0	19.26	PASS
Band12	3MHz	QPSK	23095	1RB#0	20.45	PASS
Band12	3MHz	QPSK	23095	1RB#8	20.70	PASS
Band12	3MHz	QPSK	23095	1RB#14	20.84	PASS
Band12	3MHz	QPSK	23095	8RB#0	19.57	PASS
Band12	3MHz	QPSK	23095	8RB#4	19.54	PASS
Band12	3MHz	QPSK	23095	8RB#7	19.82	PASS
Band12	3MHz	QPSK	23095	15RB#0	19.64	PASS
Band12	3MHz	QPSK	23165	1RB#0	21.53	PASS
Band12	3MHz	QPSK	23165	1RB#8	21.70	PASS
Band12	3MHz	QPSK	23165	1RB#14	21.66	PASS
Band12	3MHz	QPSK	23165	8RB#0	20.57	PASS
Band12	3MHz	QPSK	23165	8RB#4	20.56	PASS
Band12	3MHz	QPSK	23165	8RB#7	20.64	PASS
Band12	3MHz	QPSK	23165	15RB#0	20.57	PASS
Band12	3MHz	16QAM	23025	1RB#0	19.39	PASS
Band12	3MHz	16QAM	23025	1RB#8	19.30	PASS

Band12	3MHz	16QAM	23025	1RB#14	19.18	PASS
Band12	3MHz	16QAM	23025	8RB#0	18.40	PASS
Band12	3MHz	16QAM	23025	8RB#4	18.38	PASS
Band12	3MHz	16QAM	23025	8RB#7	18.34	PASS
Band12	3MHz	16QAM	23025	15RB#0	18.35	PASS
Band12	3MHz	16QAM	23095	1RB#0	19.46	PASS
Band12	3MHz	16QAM	23095	1RB#8	19.64	PASS
Band12	3MHz	16QAM	23095	1RB#14	19.86	PASS
Band12	3MHz	16QAM	23095	8RB#0	18.68	PASS
Band12	3MHz	16QAM	23095	8RB#4	18.66	PASS
Band12	3MHz	16QAM	23095	8RB#7	18.84	PASS
Band12	3MHz	16QAM	23095	15RB#0	18.71	PASS
Band12	3MHz	16QAM	23165	1RB#0	20.52	PASS
Band12	3MHz	16QAM	23165	1RB#8	20.59	PASS
Band12	3MHz	16QAM	23165	1RB#14	20.64	PASS
Band12	3MHz	16QAM	23165	8RB#0	19.70	PASS
Band12	3MHz	16QAM	23165	8RB#4	19.68	PASS
Band12	3MHz	16QAM	23165	8RB#7	19.73	PASS
Band12	3MHz	16QAM	23165	15RB#0	19.66	PASS
Band12	5MHz	QPSK	23035	1RB#0	20.32	PASS
Band12	5MHz	QPSK	23035	1RB#12	20.23	PASS
Band12	5MHz	QPSK	23035	1RB#24	20.17	PASS
Band12	5MHz	QPSK	23035	12RB#0	19.20	PASS
Band12	5MHz	QPSK	23035	12RB#6	19.20	PASS
Band12	5MHz	QPSK	23035	12RB#13	19.03	PASS
Band12	5MHz	QPSK	23035	25RB#0	19.11	PASS
Band12	5MHz	QPSK	23095	1RB#0	20.22	PASS
Band12	5MHz	QPSK	23095	1RB#12	20.67	PASS
Band12	5MHz	QPSK	23095	1RB#24	20.88	PASS
Band12	5MHz	QPSK	23095	12RB#0	19.38	PASS
Band12	5MHz	QPSK	23095	12RB#6	19.41	PASS
Band12	5MHz	QPSK	23095	12RB#13	19.72	PASS
Band12	5MHz	QPSK	23095	25RB#0	19.57	PASS
Band12	5MHz	QPSK	23155	1RB#0	21.17	PASS
Band12	5MHz	QPSK	23155	1RB#12	21.55	PASS

Band12	5MHz	QPSK	23155	1RB#24	21.56	PASS
Band12	5MHz	QPSK	23155	12RB#0	20.22	PASS
Band12	5MHz	QPSK	23155	12RB#6	20.30	PASS
Band12	5MHz	QPSK	23155	12RB#13	20.44	PASS
Band12	5MHz	QPSK	23155	25RB#0	20.41	PASS
Band12	5MHz	16QAM	23035	1RB#0	19.22	PASS
Band12	5MHz	16QAM	23035	1RB#12	19.14	PASS
Band12	5MHz	16QAM	23035	1RB#24	19.01	PASS
Band12	5MHz	16QAM	23035	12RB#0	18.26	PASS
Band12	5MHz	16QAM	23035	12RB#6	18.18	PASS
Band12	5MHz	16QAM	23035	12RB#13	18.15	PASS
Band12	5MHz	16QAM	23035	25RB#0	18.25	PASS
Band12	5MHz	16QAM	23095	1RB#0	19.12	PASS
Band12	5MHz	16QAM	23095	1RB#12	19.61	PASS
Band12	5MHz	16QAM	23095	1RB#24	19.76	PASS
Band12	5MHz	16QAM	23095	12RB#0	18.42	PASS
Band12	5MHz	16QAM	23095	12RB#6	18.41	PASS
Band12	5MHz	16QAM	23095	12RB#13	18.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	18.64	PASS
Band12	5MHz	16QAM	23155	1RB#0	20.06	PASS
Band12	5MHz	16QAM	23155	1RB#12	20.46	PASS
Band12	5MHz	16QAM	23155	1RB#24	20.48	PASS
Band12	5MHz	16QAM	23155	12RB#0	19.32	PASS
Band12	5MHz	16QAM	23155	12RB#6	19.27	PASS
Band12	5MHz	16QAM	23155	12RB#13	19.52	PASS
Band12	5MHz	16QAM	23155	25RB#0	19.54	PASS
Band12	10MHz	QPSK	23060	1RB#0	20.26	PASS
Band12	10MHz	QPSK	23060	1RB#24	20.22	PASS
Band12	10MHz	QPSK	23060	1RB#49	20.67	PASS
Band12	10MHz	QPSK	23060	25RB#0	19.20	PASS
Band12	10MHz	QPSK	23060	25RB#12	19.17	PASS
Band12	10MHz	QPSK	23060	25RB#25	19.43	PASS
Band12	10MHz	QPSK	23060	50RB#0	19.29	PASS
Band12	10MHz	QPSK	23095	1RB#0	19.98	PASS
Band12	10MHz	QPSK	23095	1RB#24	20.67	PASS

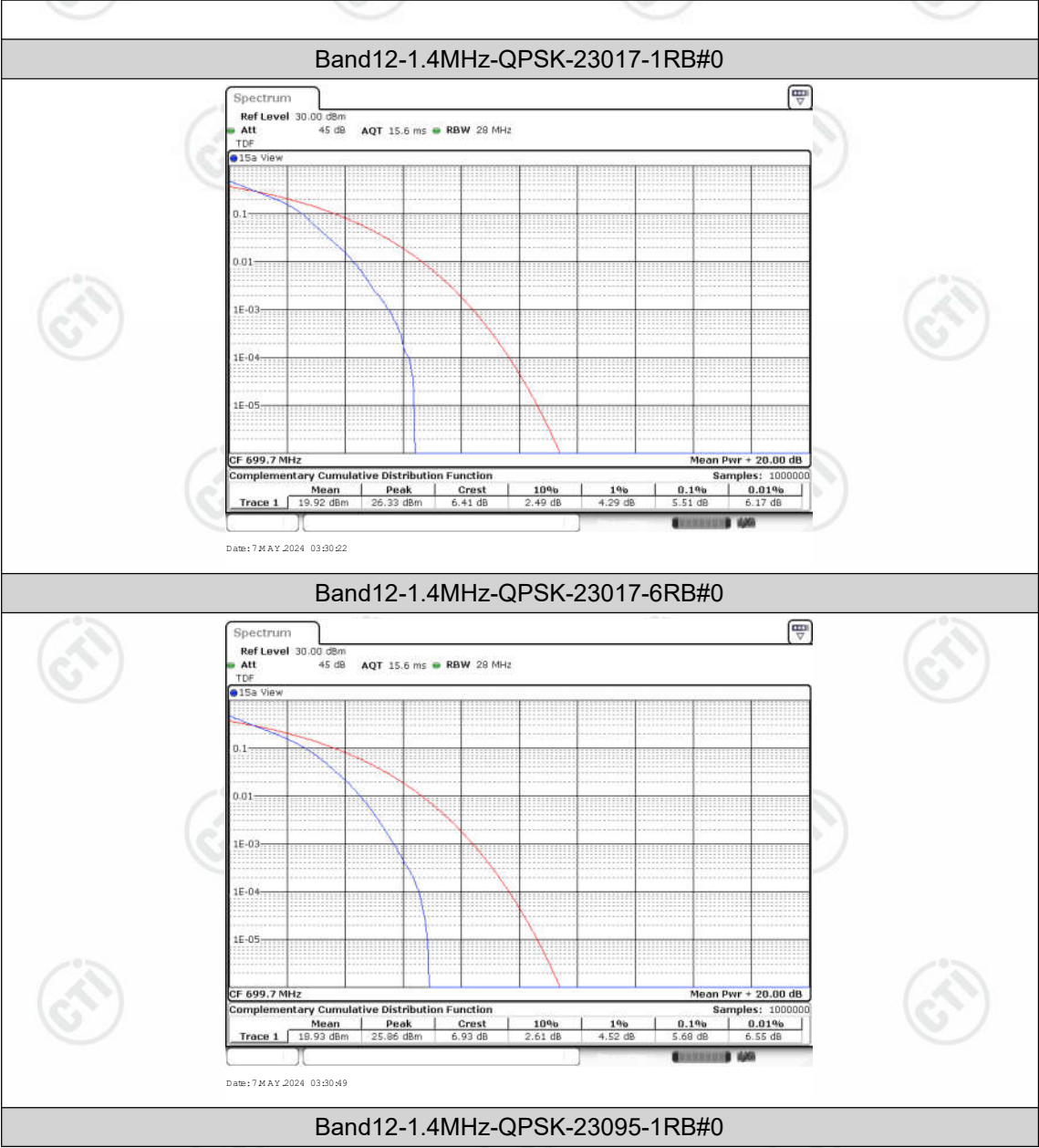
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Band12	10MHz	QPSK	23095	25RB#12	19.35	PASS
Band12	10MHz	QPSK	23095	25RB#25	19.96	PASS
Band12	10MHz	QPSK	23095	50RB#0	19.67	PASS
Band12	10MHz	QPSK	23130	1RB#0	20.46	PASS
Band12	10MHz	QPSK	23130	1RB#24	21.43	PASS
Band12	10MHz	QPSK	23130	1RB#49	21.57	PASS
Band12	10MHz	QPSK	23130	25RB#0	19.94	PASS
Band12	10MHz	QPSK	23130	25RB#12	19.92	PASS
Band12	10MHz	QPSK	23130	25RB#25	20.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	20.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	19.20	PASS
Band12	10MHz	16QAM	23060	1RB#24	19.29	PASS
Band12	10MHz	16QAM	23060	1RB#49	19.72	PASS
Band12	10MHz	16QAM	23060	25RB#0	18.21	PASS
Band12	10MHz	16QAM	23060	25RB#12	18.22	PASS
Band12	10MHz	16QAM	23060	25RB#25	18.45	PASS
Band12	10MHz	16QAM	23060	50RB#0	18.30	PASS
Band12	10MHz	16QAM	23095	1RB#0	19.00	PASS
Band12	10MHz	16QAM	23095	1RB#24	19.68	PASS
Band12	10MHz	16QAM	23095	1RB#49	20.20	PASS
Band12	10MHz	16QAM	23095	25RB#0	18.37	PASS
Band12	10MHz	16QAM	23095	25RB#12	18.41	PASS
Band12	10MHz	16QAM	23095	25RB#25	18.98	PASS
Band12	10MHz	16QAM	23095	50RB#0	18.70	PASS
Band12	10MHz	16QAM	23130	1RB#0	19.43	PASS
Band12	10MHz	16QAM	23130	1RB#24	20.29	PASS
Band12	10MHz	16QAM	23130	1RB#49	20.53	PASS
Band12	10MHz	16QAM	23130	25RB#0	18.94	PASS
Band12	10MHz	16QAM	23130	25RB#12	18.97	PASS
Band12	10MHz	16QAM	23130	25RB#25	19.52	PASS
Band12	10MHz	16QAM	23130	50RB#0	19.23	PASS

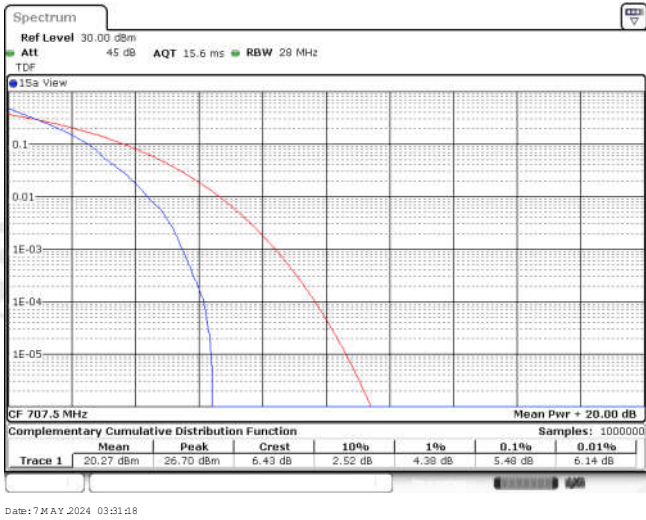
Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.51	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.68	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.48	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.71	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.51	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.59	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.58	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.49	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.14	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.52	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.26	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.41	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.71	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.42	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.77	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.74	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.64	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.49	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.06	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.55	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.46	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.52	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.71	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.77	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.48	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.86	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.94	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.83	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.17	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.41	13	PASS

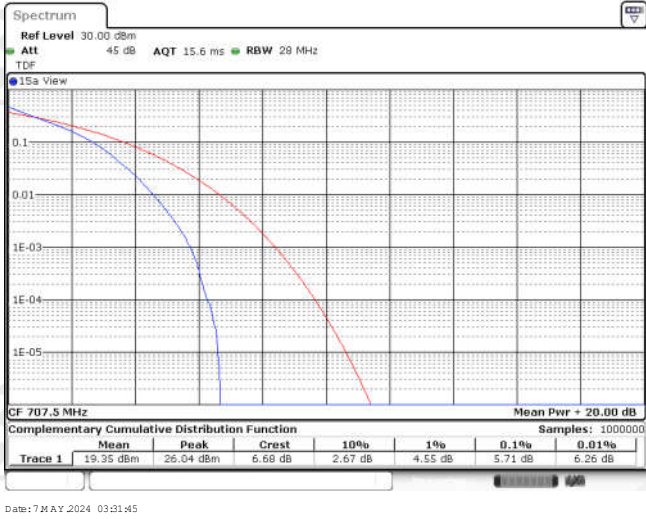
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Band12	5MHz	16QAM	23095	25RB#0	6.49	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.26	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.49	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.59	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.77	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.22	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.80	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.51	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.80	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.46	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.97	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.55	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.52	13	PASS

Test Graphs

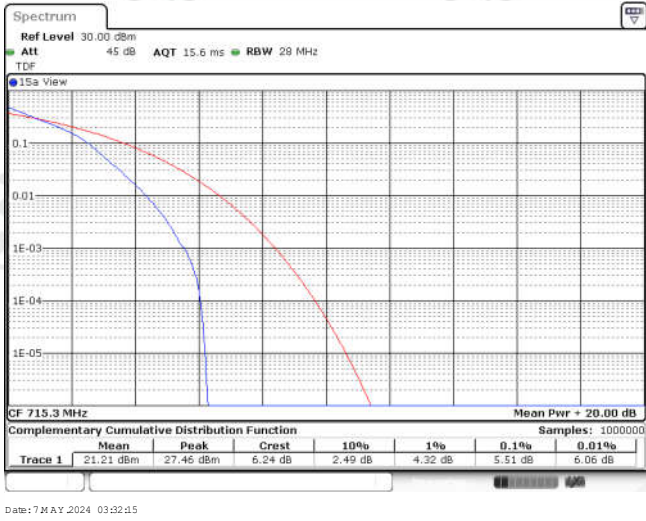




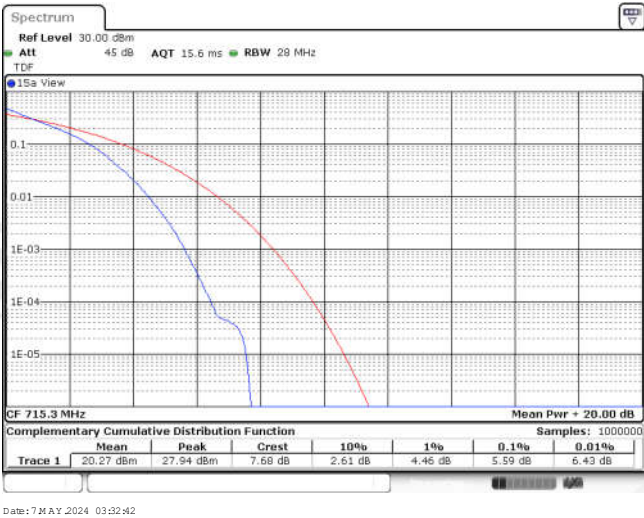
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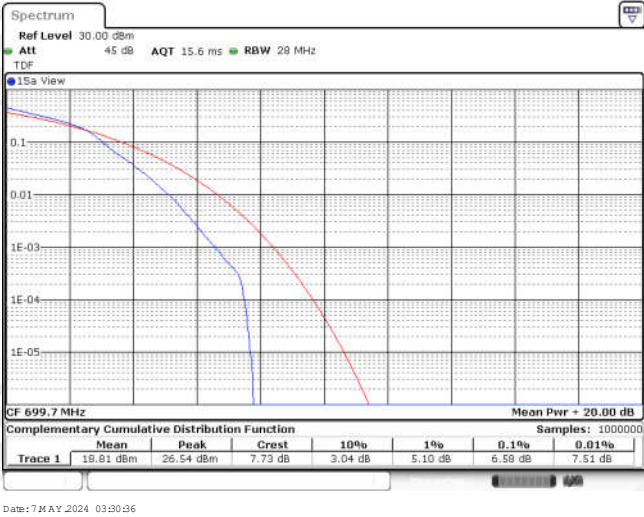
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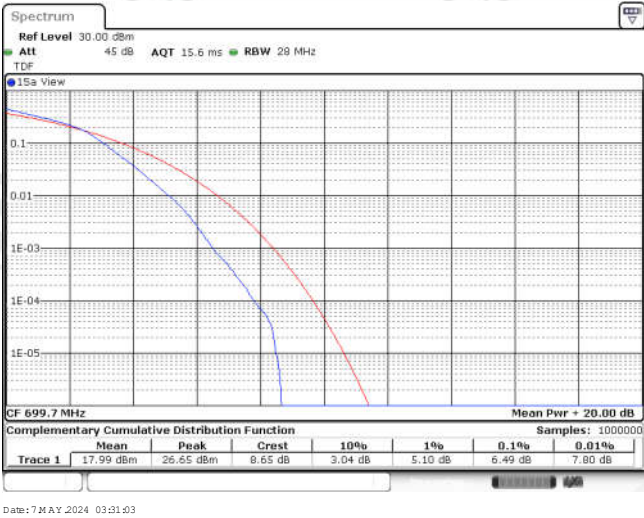
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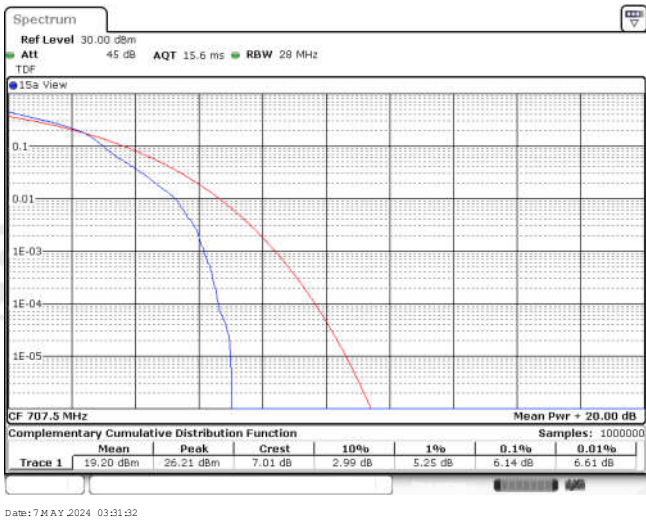
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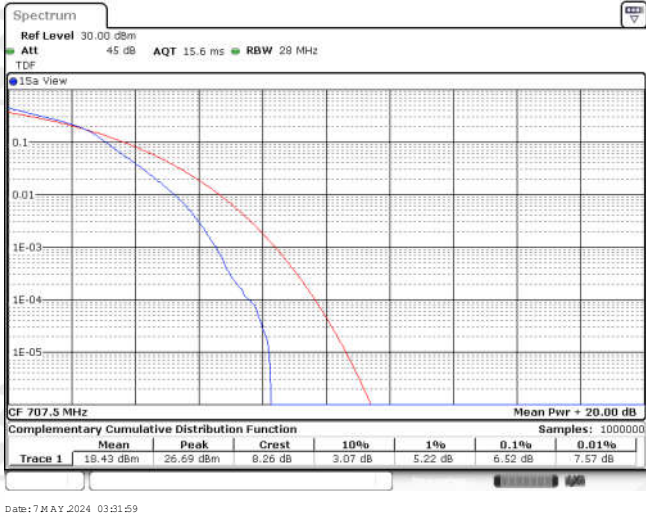
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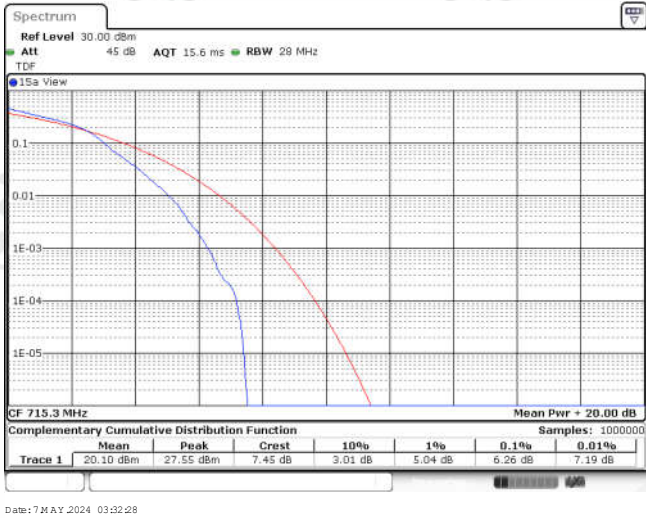
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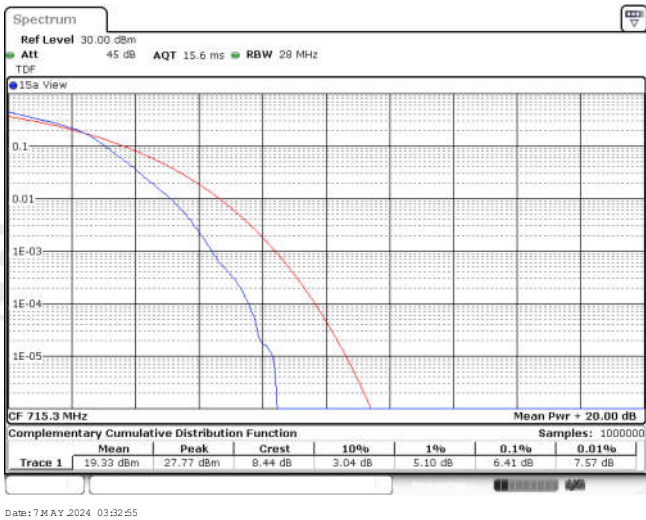
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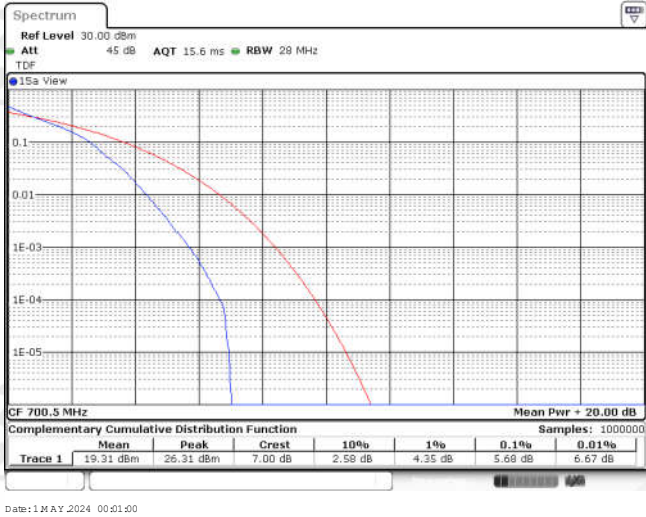
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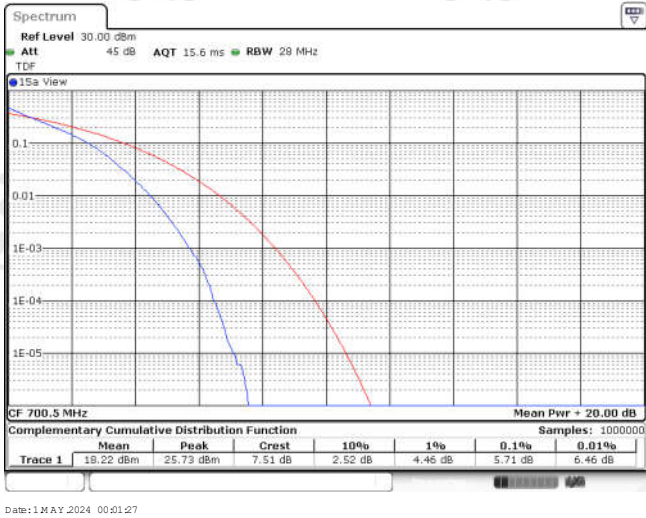
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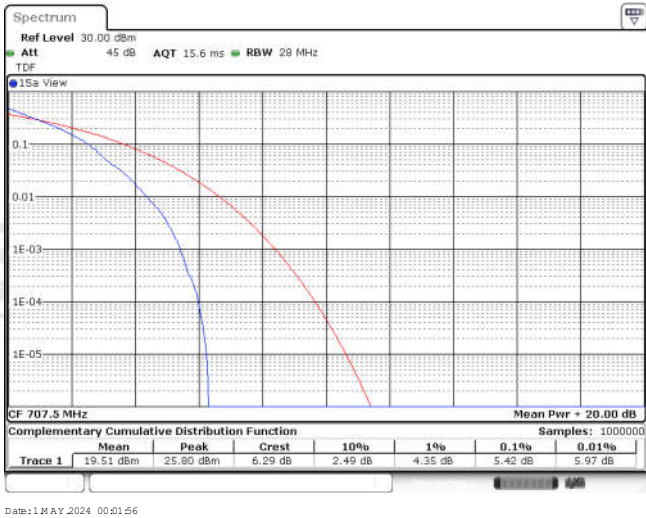
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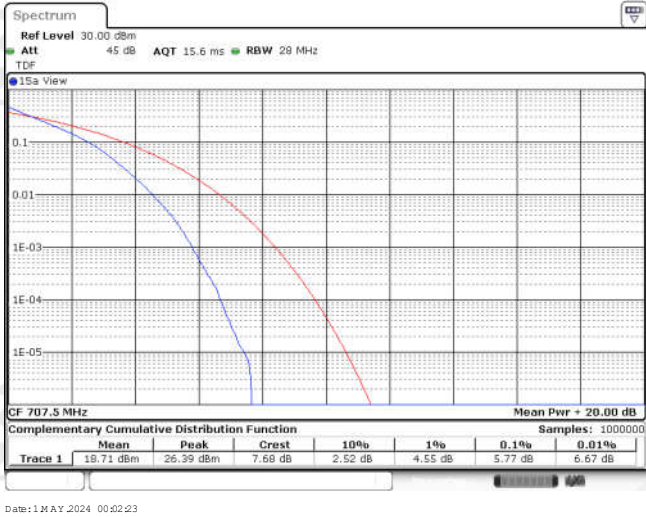
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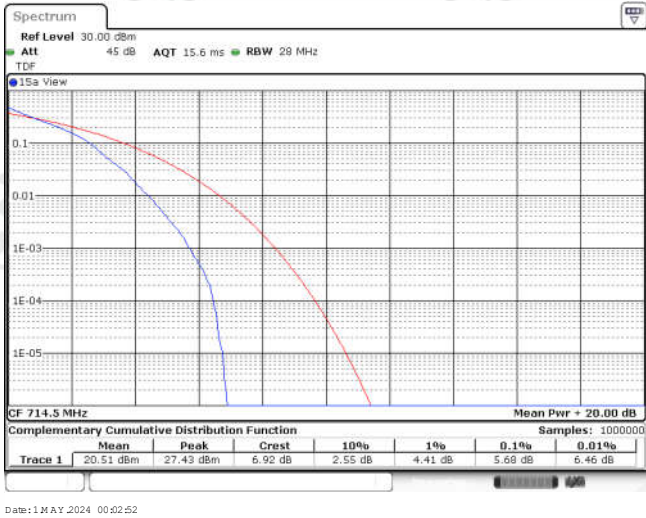
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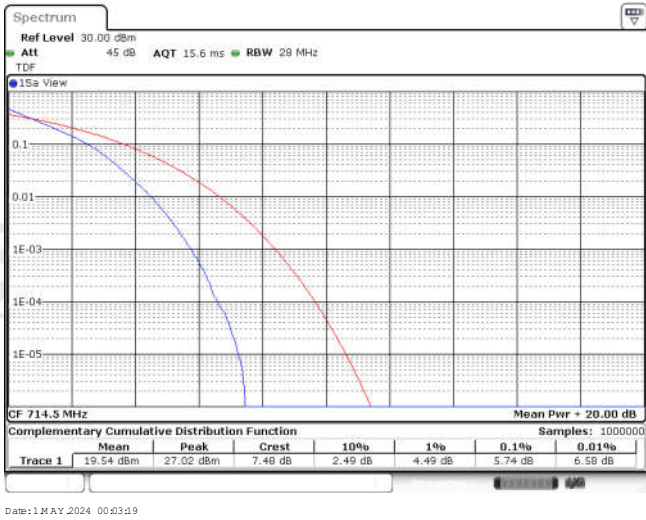
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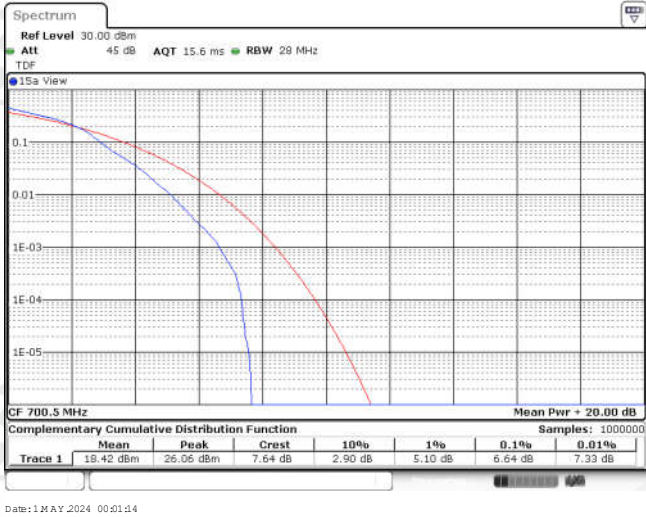
Band12-3MHz-QPSK-23165-1RB#0



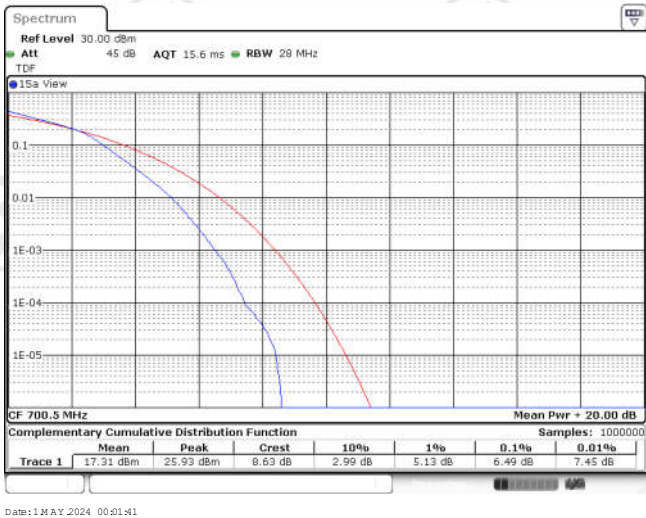
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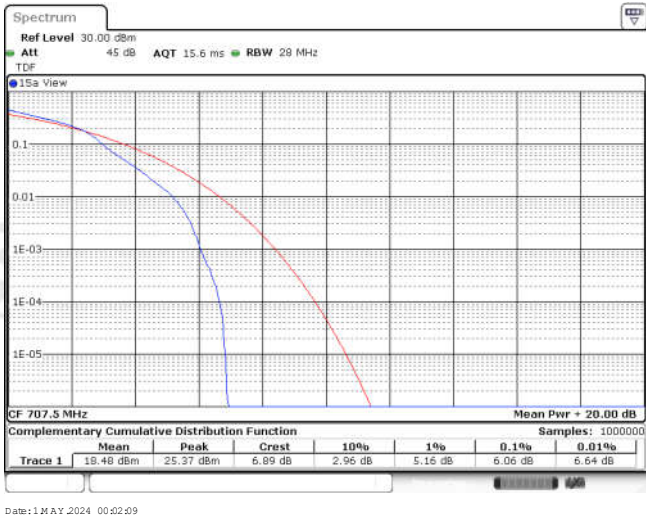
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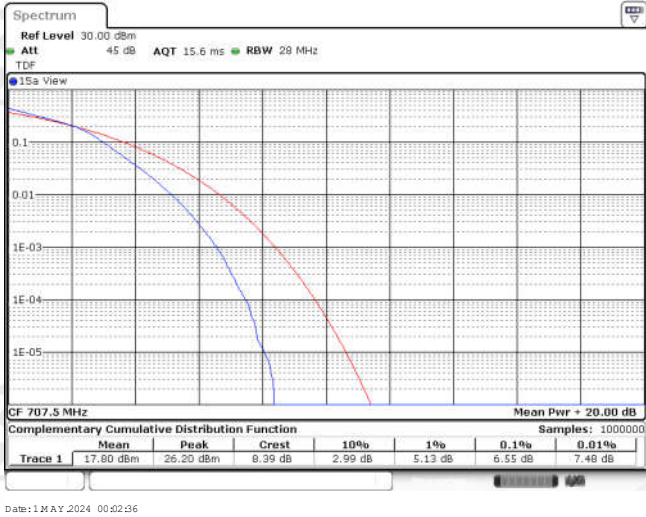
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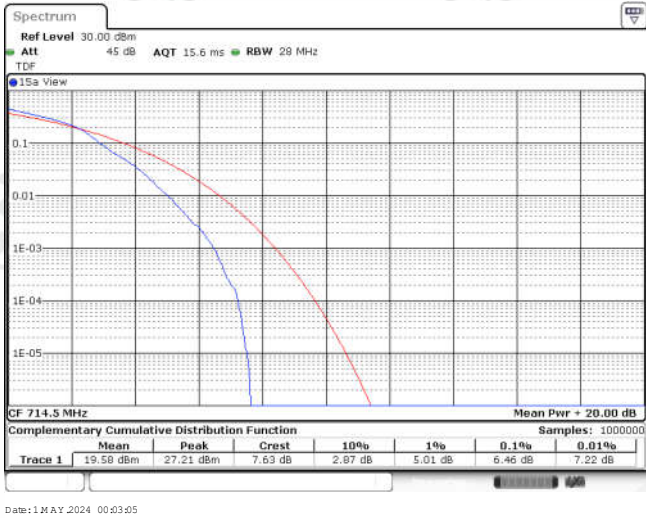
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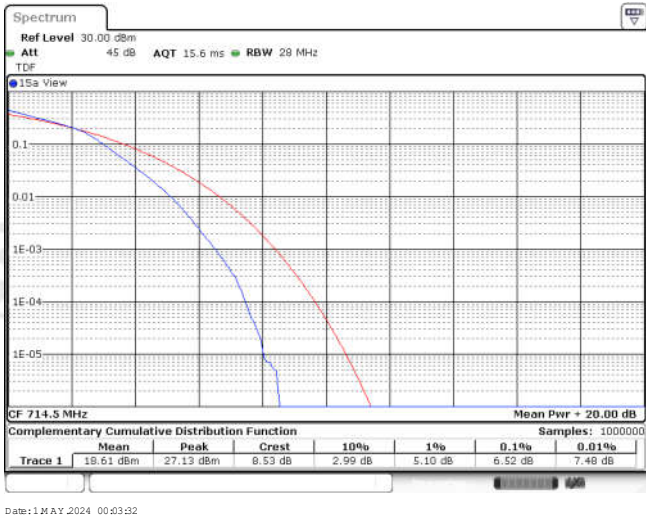
Band12-3MHz-16QAM-23095-15RB#0



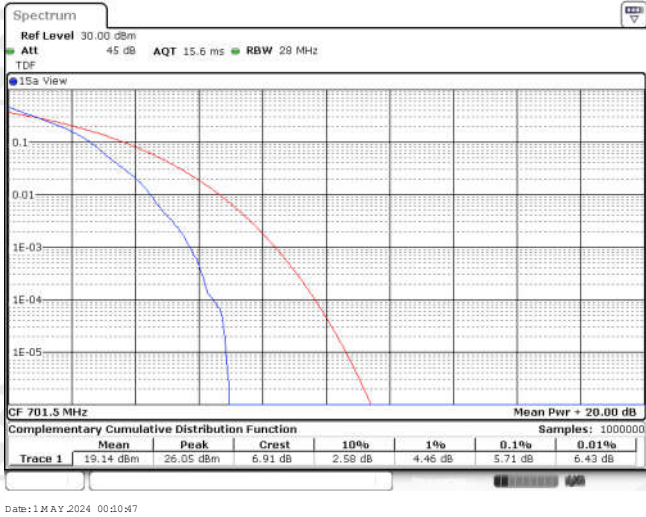
Band12-3MHz-16QAM-23165-1RB#0



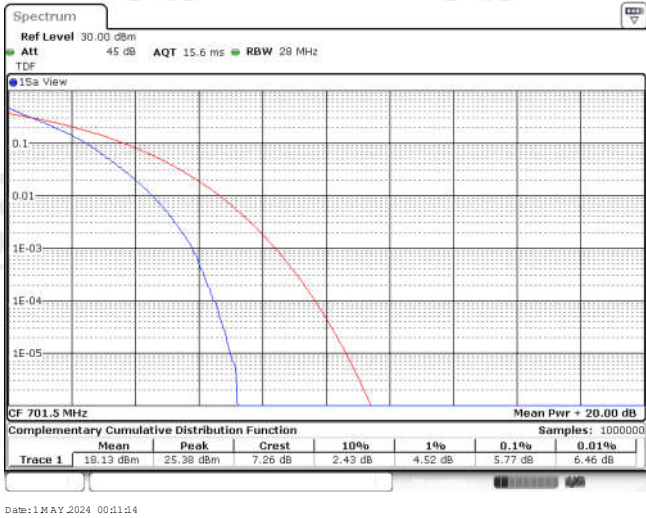
Band12-3MHz-16QAM-23165-15RB#0



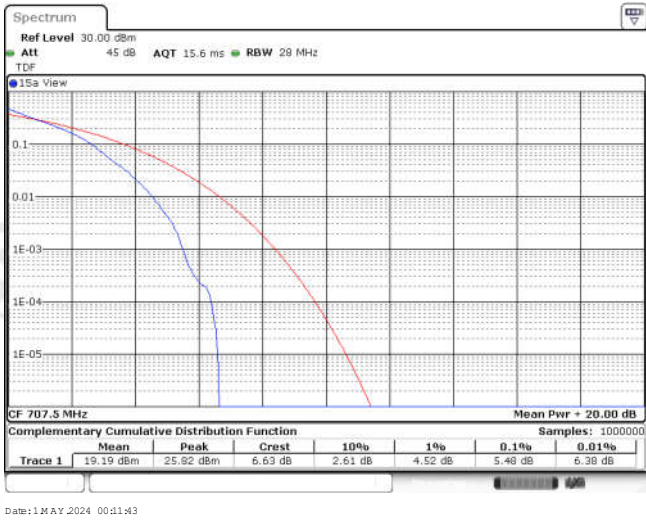
Band12-5MHz-QPSK-23035-1RB#0



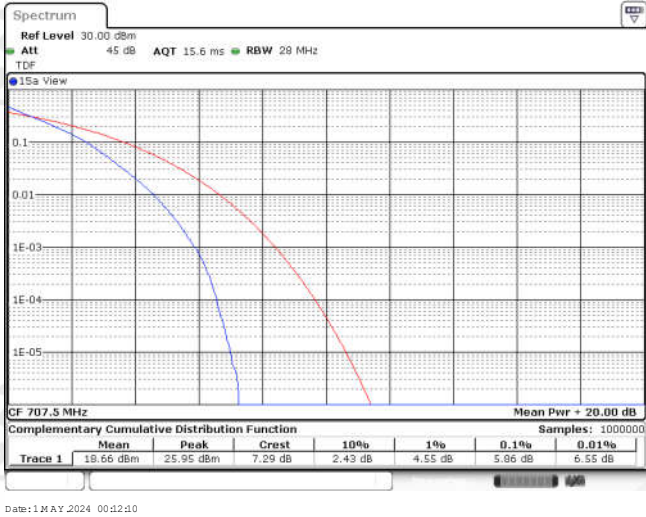
Band12-5MHz-QPSK-23035-25RB#0



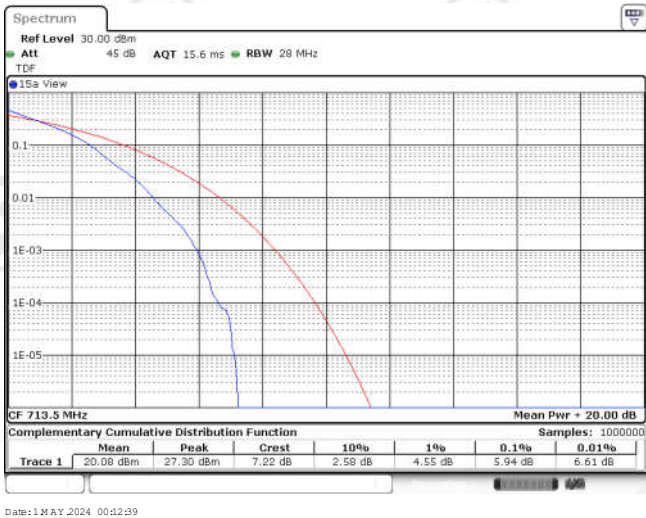
Band12-5MHz-QPSK-23095-1RB#0



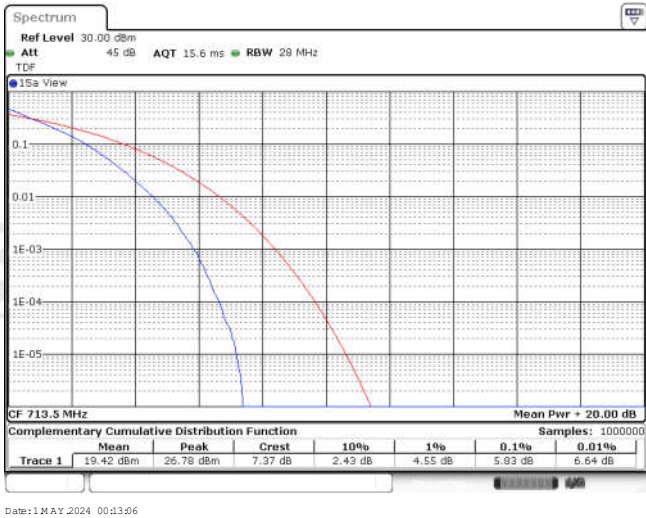
Band12-5MHz-QPSK-23095-25RB#0



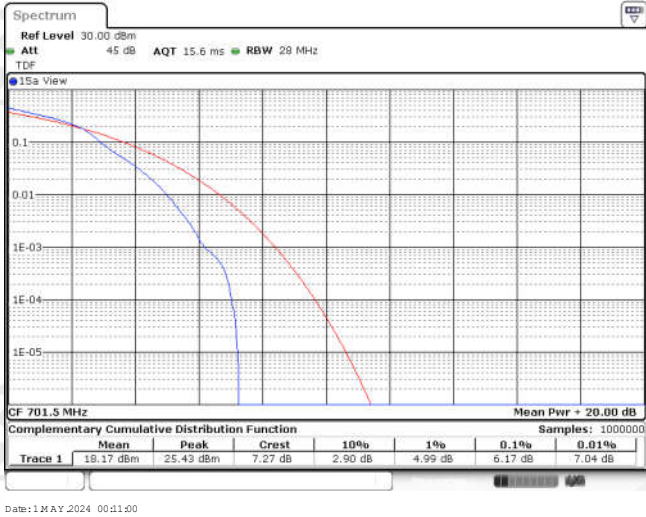
Band12-5MHz-QPSK-23155-1RB#0



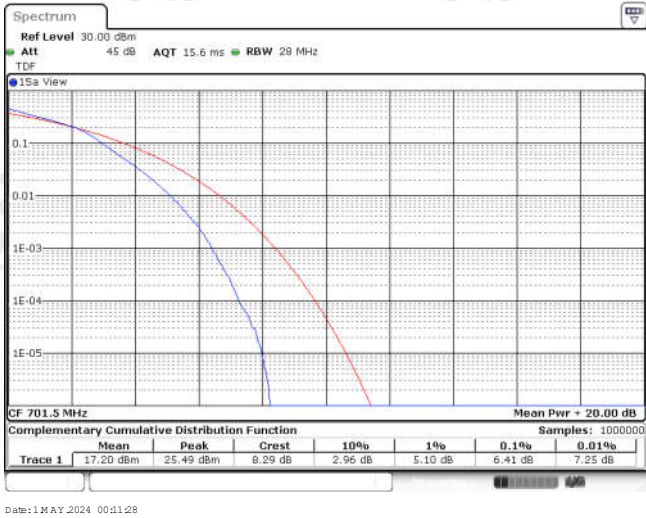
Band12-5MHz-QPSK-23155-25RB#0



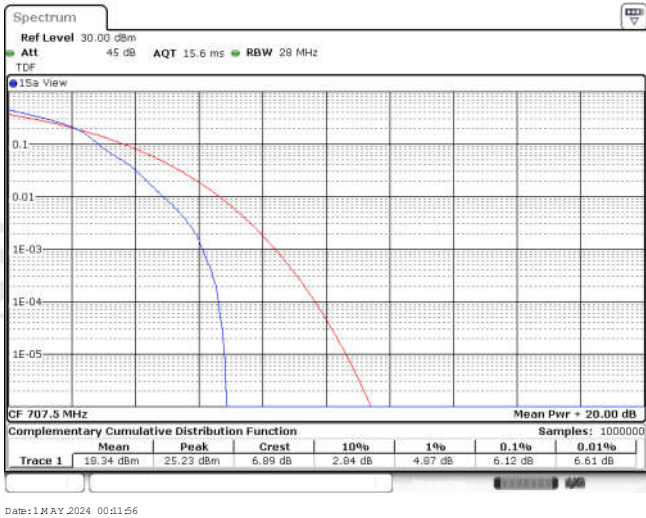
Band12-5MHz-16QAM-23035-1RB#0



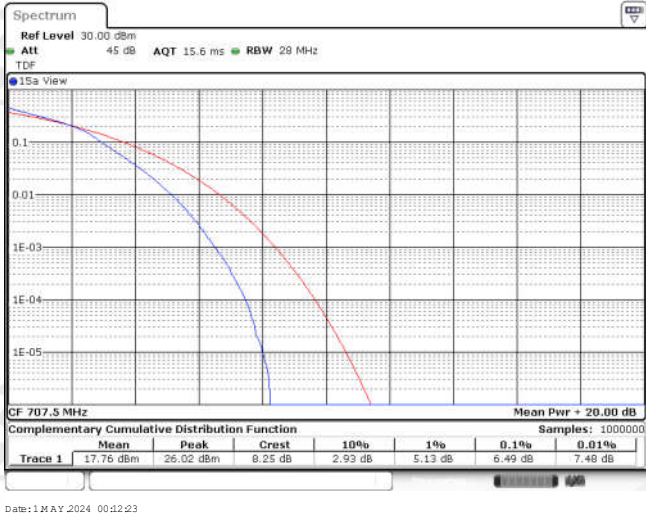
Band12-5MHz-16QAM-23035-25RB#0



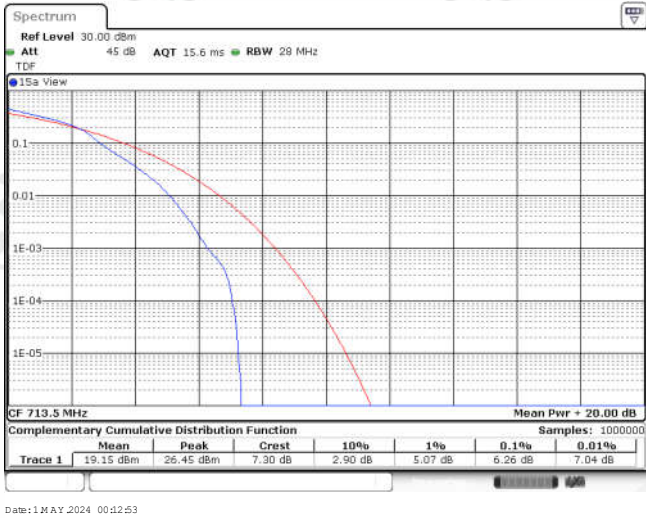
Band12-5MHz-16QAM-23095-1RB#0



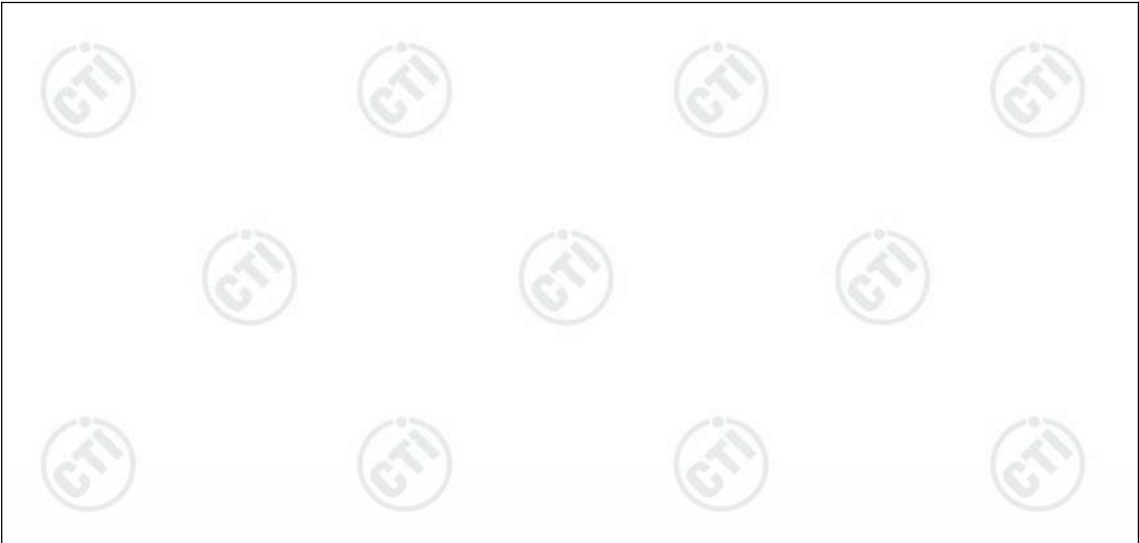
Band12-5MHz-16QAM-23095-25RB#0



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



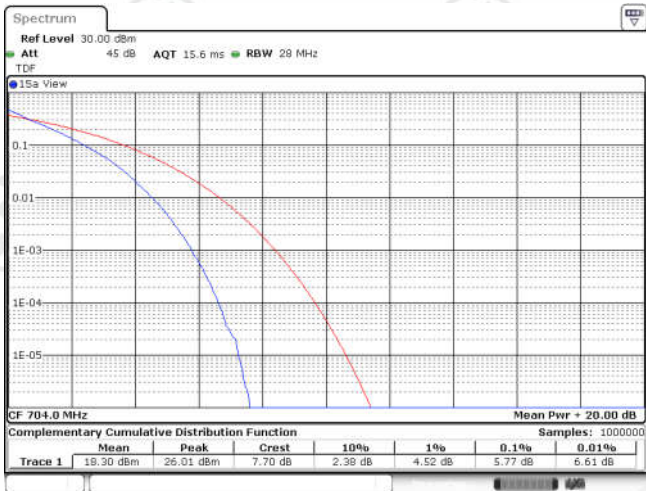
Band12-5MHz-16QAM-23155-25RB#0



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



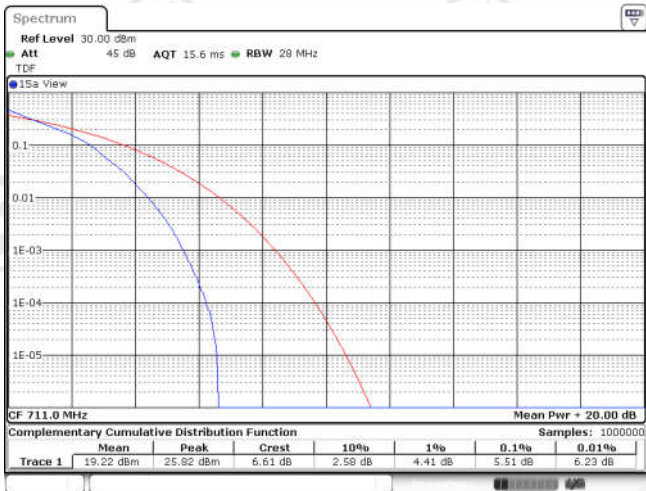
Band12-10MHz-QPSK-23060-50RB#0



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

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

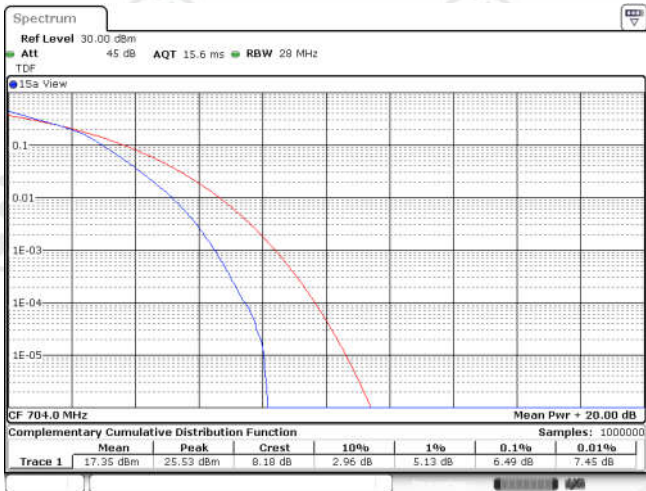
Band12-10MHz-QPSK-23130-1RB#0



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

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

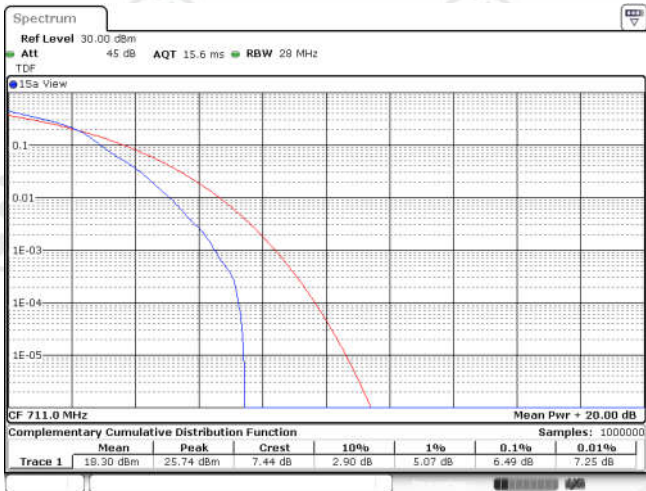
Band12-10MHz-16QAM-23060-50RB#0



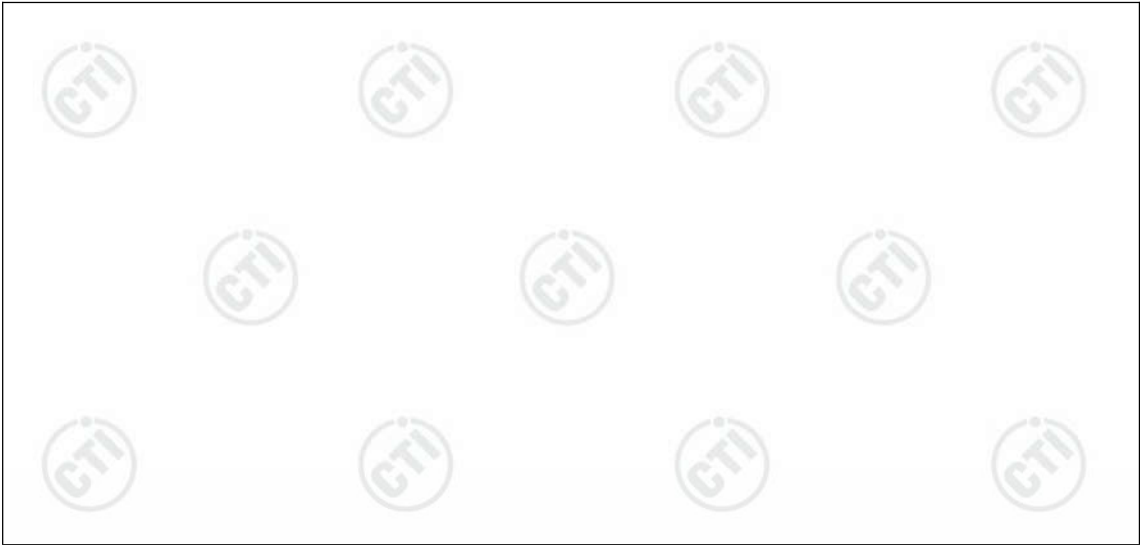
Band12-10MHz-16QAM-23095-1RB#0

Band12-10MHz-16QAM-23095-50RB#0

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



Band12-10MHz-16QAM-23130-50RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

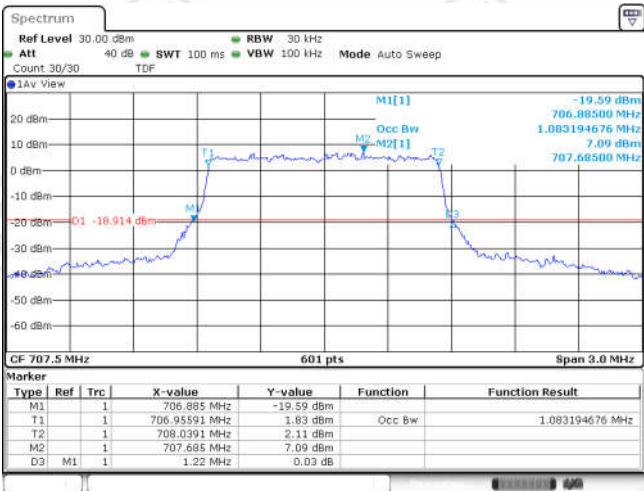
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.088	1.230	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.093	1.220	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.088	1.220	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.088	1.205	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.083	1.220	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.215	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.686	2.850	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.696	2.840	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.686	2.840	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.676	2.840	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.686	2.840	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.686	2.840	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.496	4.810	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.505	4.800	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.496	4.800	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.505	4.780	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.505	4.790	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.515	4.790	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.533	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.985	9.533	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.985	9.533	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	9.533	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.985	9.533	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.985	9.533	PASS

Test Graphs



Band12-1.4MHz-16QAM-23017-6RB#0-1.088

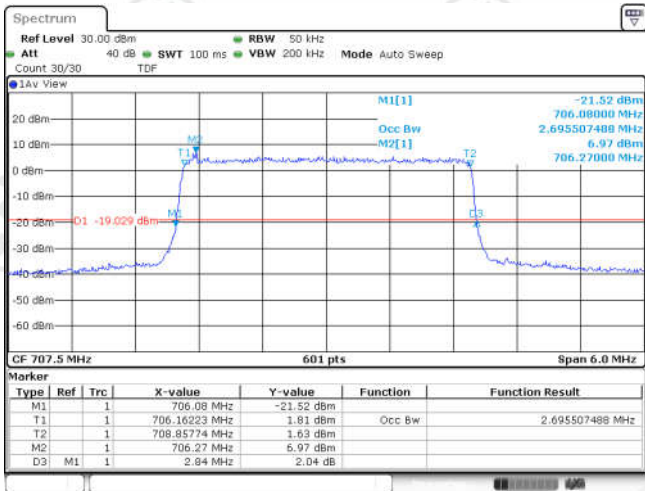
Band12-1.4MHz-16QAM-23095-6RB#0-1.083



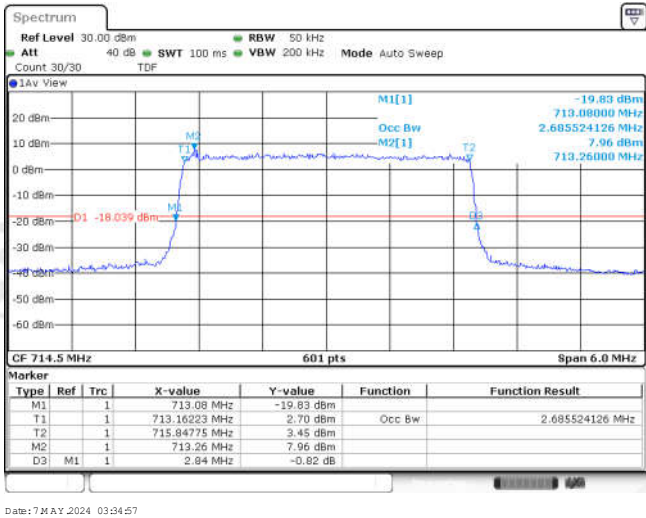
Band12-1.4MHz-16QAM-23173-6RB#0-1.088

Band12-3MHz-QPSK-23025-15RB#0-2.686

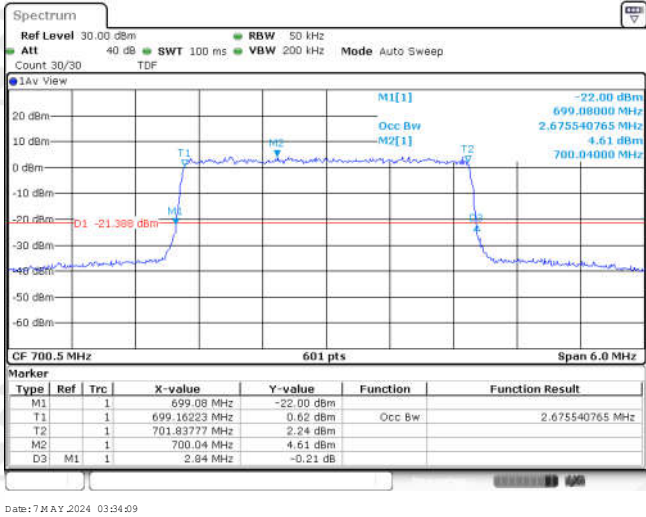
Band12-3MHz-QPSK-23095-15RB#0-2.696



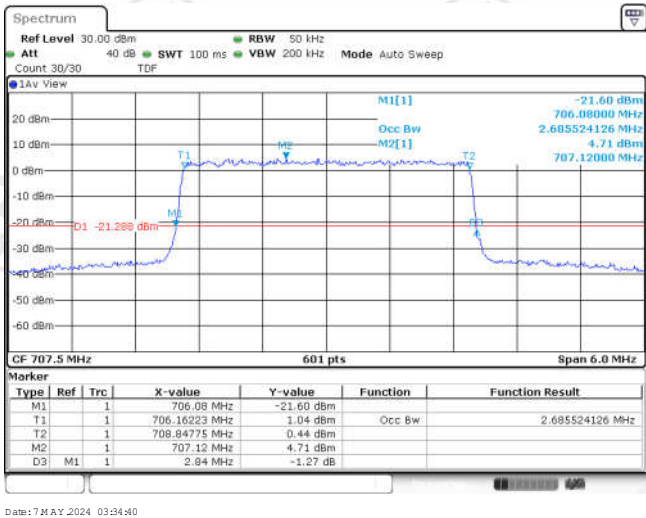
Band12-3MHz-QPSK-23165-15RB#0-2.686



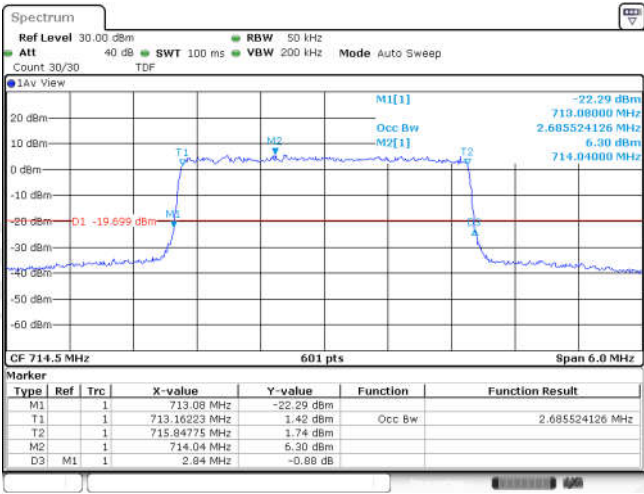
Band12-3MHz-16QAM-23025-15RB#0-2.676



Band12-3MHz-16QAM-23095-15RB#0-2.686

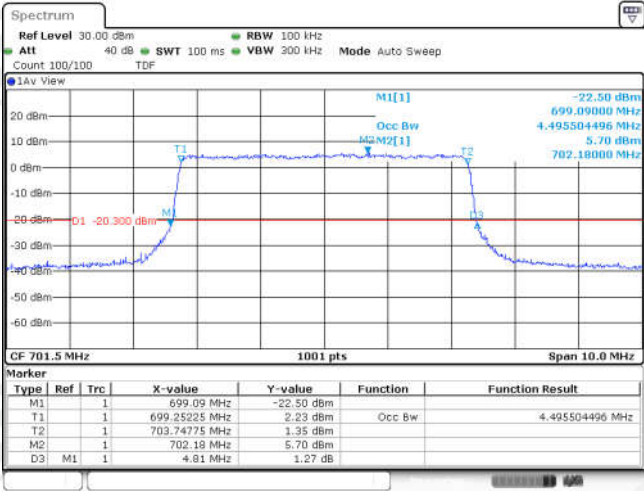


Band12-3MHz-16QAM-23165-15RB#0-2.686



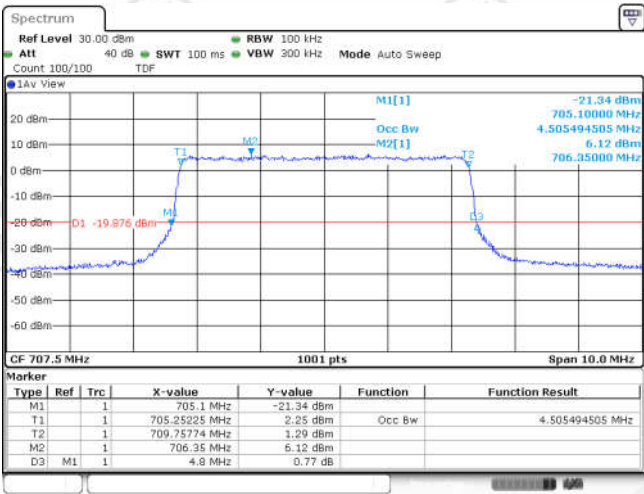
Date: 7 MAY 2024 03:35:12

Band12-5MHz-QPSK-23035-25RB#0-4.496



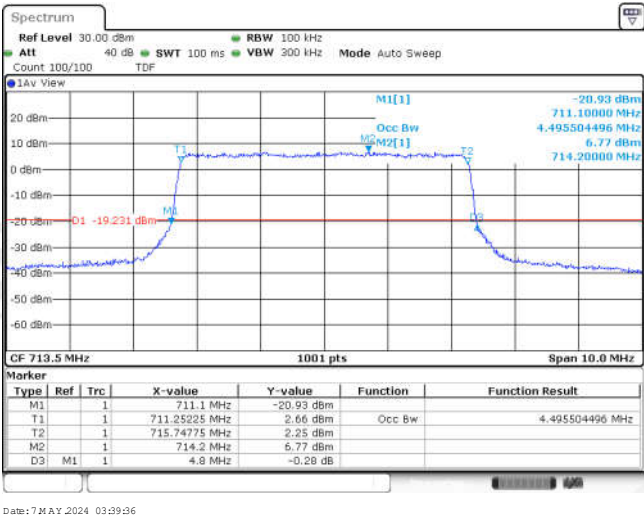
Date: 7 MAY 2024 03:38:04

Band12-5MHz-QPSK-23095-25RB#0-4.505

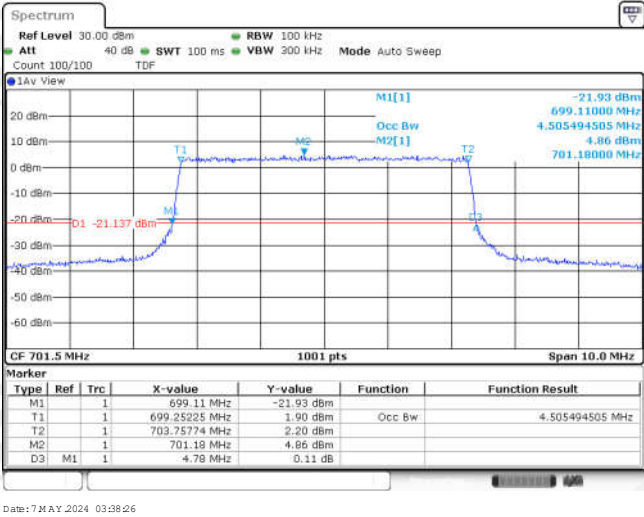


Date: 7 MAY 2024 03:38:49

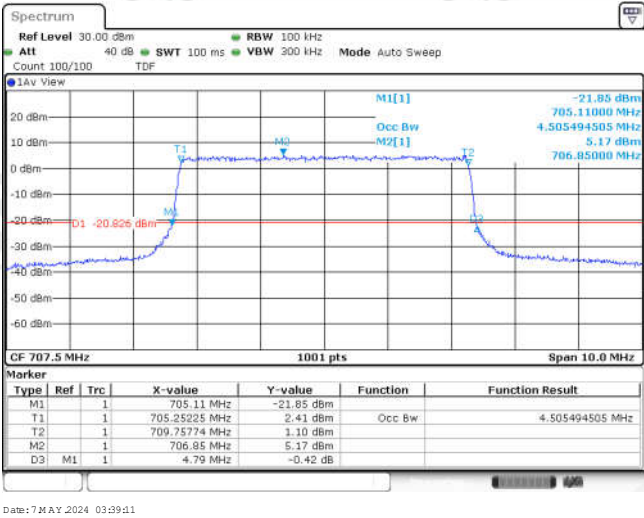
Band12-5MHz-QPSK-23155-25RB#0-4.496



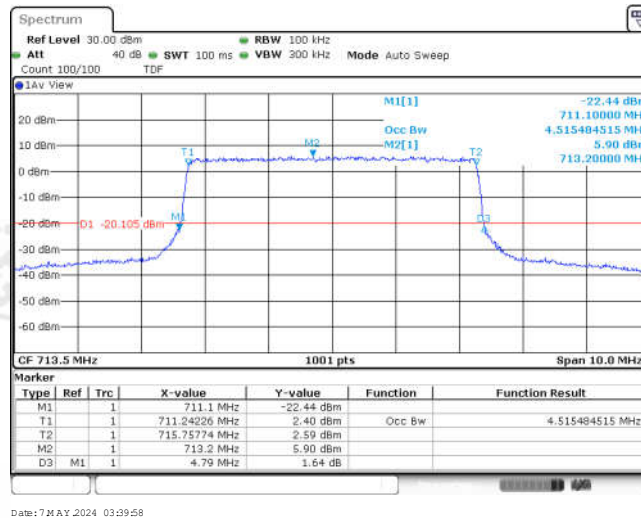
Band12-5MHz-16QAM-23035-25RB#0-4.505



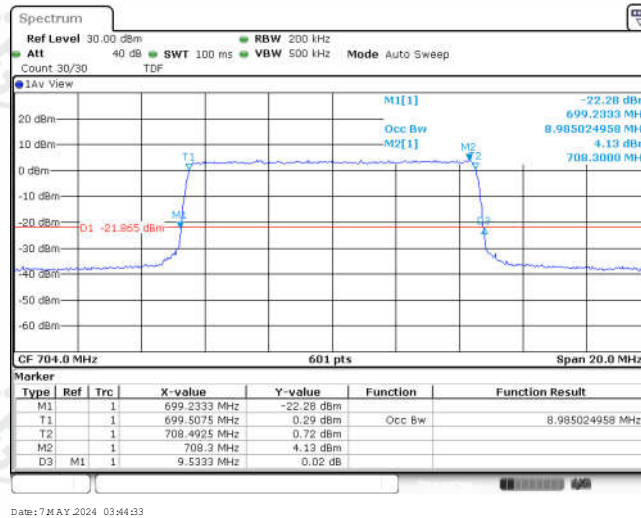
Band12-5MHz-16QAM-23095-25RB#0-4.505



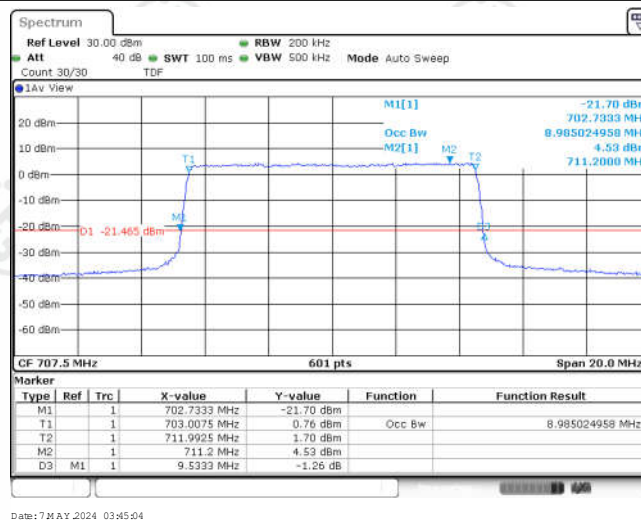
Band12-5MHz-16QAM-23155-25RB#0-4.515



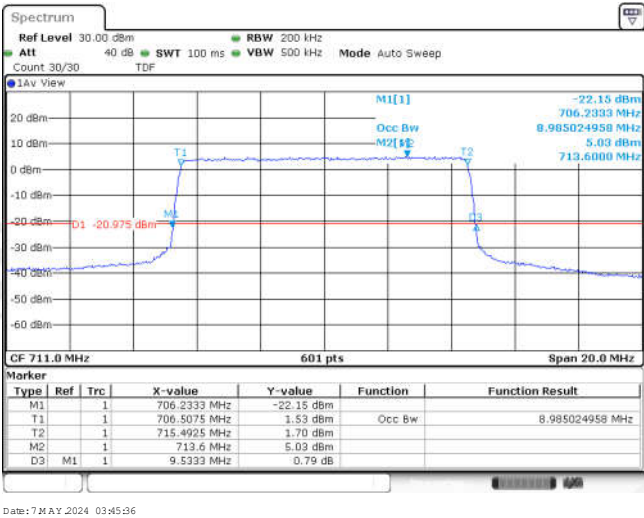
Band12-10MHz-QPSK-23060-50RB#0-8.985



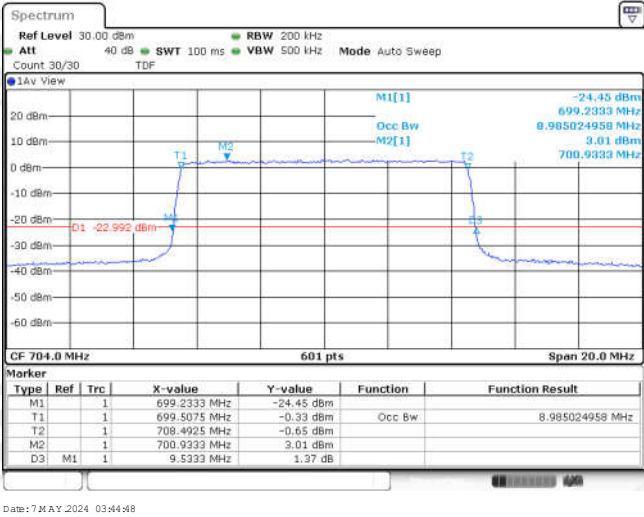
Band12-10MHz-QPSK-23095-50RB#0-8.985



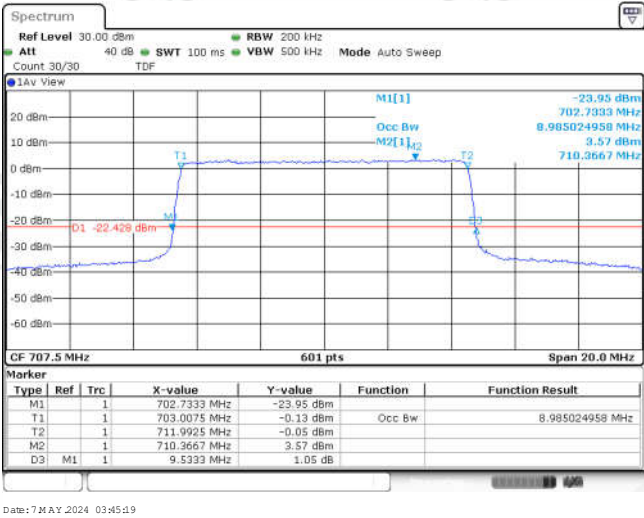
Band12-10MHz-QPSK-23130-50RB#0-8.985



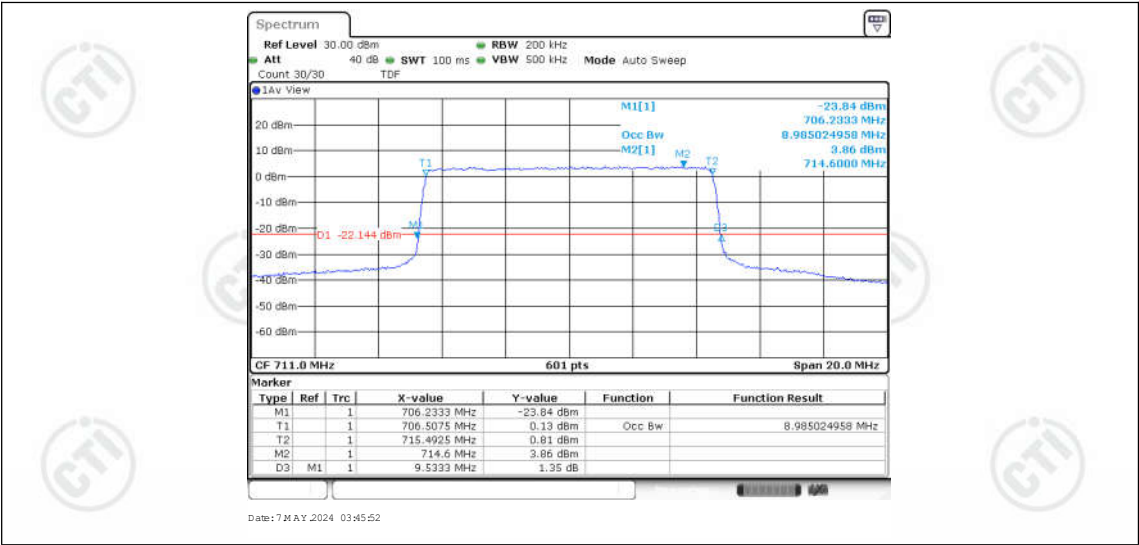
Band12-10MHz-16QAM-23060-50RB#0-8.985



Band12-10MHz-16QAM-23095-50RB#0-8.985



Band12-10MHz-16QAM-23130-50RB#0-8.985



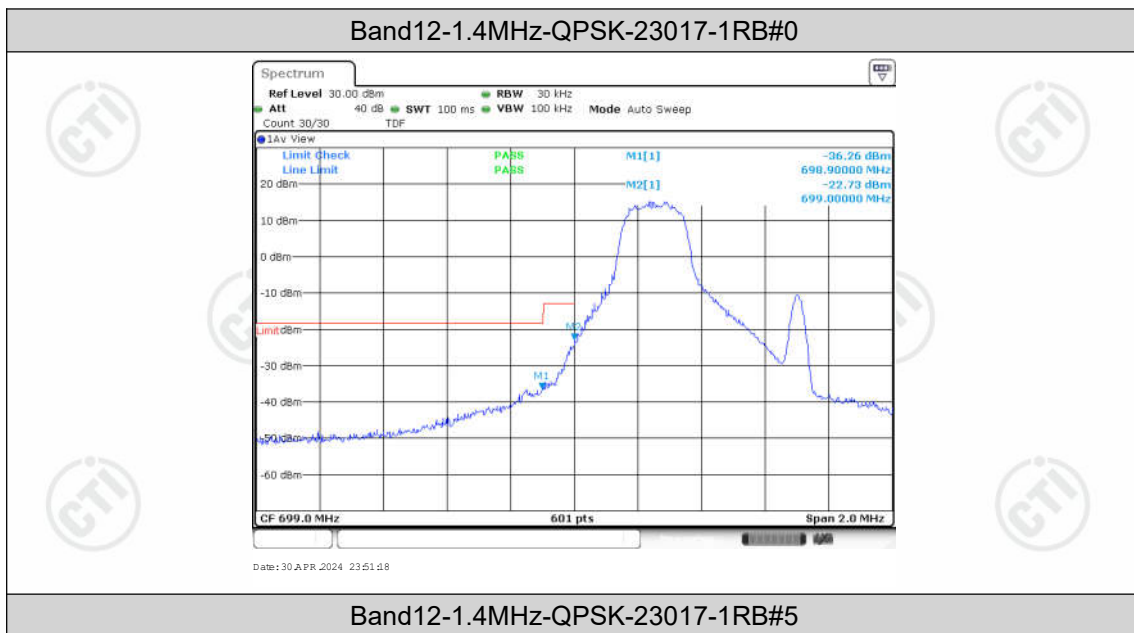
Appendix D: Band Edge

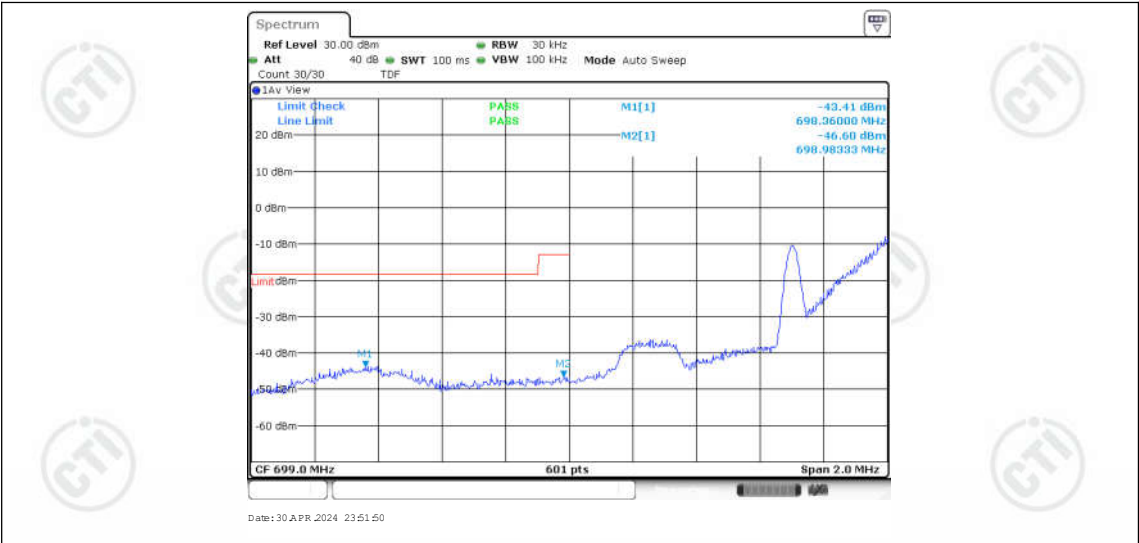
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-36.26,-22.73	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-43.41,-46.60	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-35.50,-30.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-44.33,-42.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-23.84,-33.04	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-30.20,-35.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-36.96,-25.09	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-43.12,-46.91	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-34.41,-29.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-46.15,-41.47	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-23.98,-33.26	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-30.57,-33.09	PASS
Band12	3MHz	QPSK	23025	1RB#0	-31.64,-23.14	PASS
Band12	3MHz	QPSK	23025	1RB#14	-44.37,-47.70	PASS
Band12	3MHz	QPSK	23025	15RB#0	-36.94,-33.43	PASS
Band12	3MHz	QPSK	23165	1RB#0	-43.74,-42.46	PASS
Band12	3MHz	QPSK	23165	1RB#14	-23.07,-35.89	PASS
Band12	3MHz	QPSK	23165	15RB#0	-32.88,-36.55	PASS
Band12	3MHz	16QAM	23025	1RB#0	-34.48,-23.35	PASS
Band12	3MHz	16QAM	23025	1RB#14	-47.13,-47.84	PASS
Band12	3MHz	16QAM	23025	15RB#0	-35.74,-33.69	PASS
Band12	3MHz	16QAM	23165	1RB#0	-43.83,-42.63	PASS
Band12	3MHz	16QAM	23165	1RB#14	-22.01,-33.86	PASS
Band12	3MHz	16QAM	23165	15RB#0	-33.31,-35.45	PASS
Band12	5MHz	QPSK	23035	1RB#0	-18.00	PASS
Band12	5MHz	QPSK	23035	1RB#24	-45.15	PASS
Band12	5MHz	QPSK	23035	25RB#0	-27.73	PASS
Band12	5MHz	QPSK	23155	1RB#0	-44.70	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.70	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.63	PASS
Band12	5MHz	16QAM	23035	1RB#0	-18.55	PASS
Band12	5MHz	16QAM	23035	1RB#24	-44.76	PASS
Band12	5MHz	16QAM	23035	25RB#0	-29.45	PASS
Band12	5MHz	16QAM	23155	1RB#0	-42.28	PASS

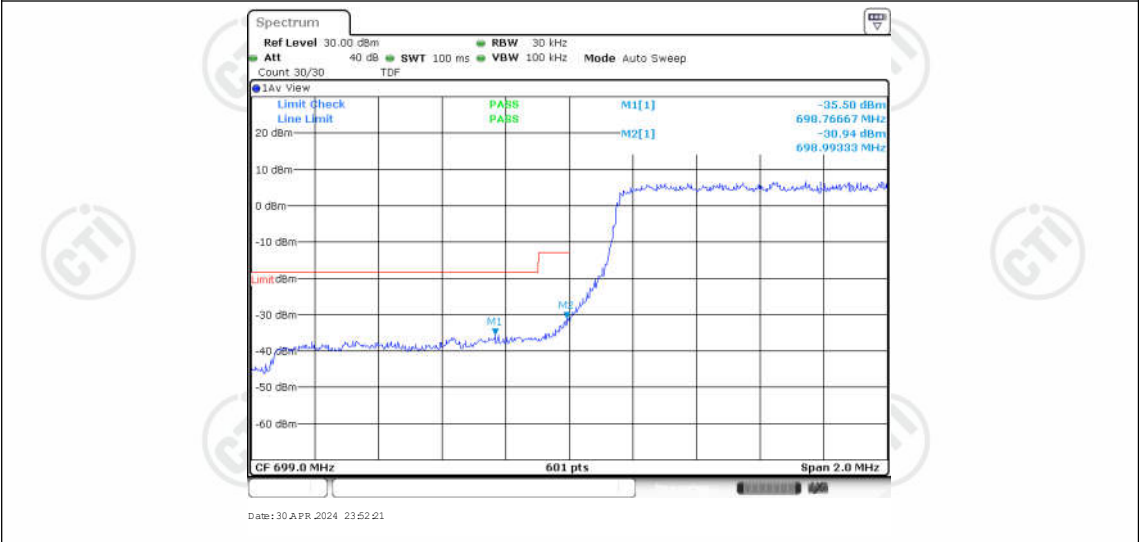
Band12	5MHz	16QAM	23155	1RB#24	-18.09	PASS
Band12	5MHz	16QAM	23155	25RB#0	-28.50	PASS
Band12	10MHz	QPSK	23060	1RB#0	-26.56,-23.90	PASS
Band12	10MHz	QPSK	23060	1RB#49	-43.58,-43.00	PASS
Band12	10MHz	QPSK	23060	50RB#0	-33.60,-32.55	PASS
Band12	10MHz	QPSK	23130	1RB#0	-43.62,-43.51	PASS
Band12	10MHz	QPSK	23130	1RB#49	-22.58,-25.45	PASS
Band12	10MHz	QPSK	23130	50RB#0	-32.28,-33.06	PASS
Band12	10MHz	16QAM	23060	1RB#0	-26.86,-23.88	PASS
Band12	10MHz	16QAM	23060	1RB#49	-43.87,-43.74	PASS
Band12	10MHz	16QAM	23060	50RB#0	-33.89,-33.37	PASS
Band12	10MHz	16QAM	23130	1RB#0	-43.72,-43.47	PASS
Band12	10MHz	16QAM	23130	1RB#49	-21.87,-24.62	PASS
Band12	10MHz	16QAM	23130	50RB#0	-31.64,-31.93	PASS

Test Graphs

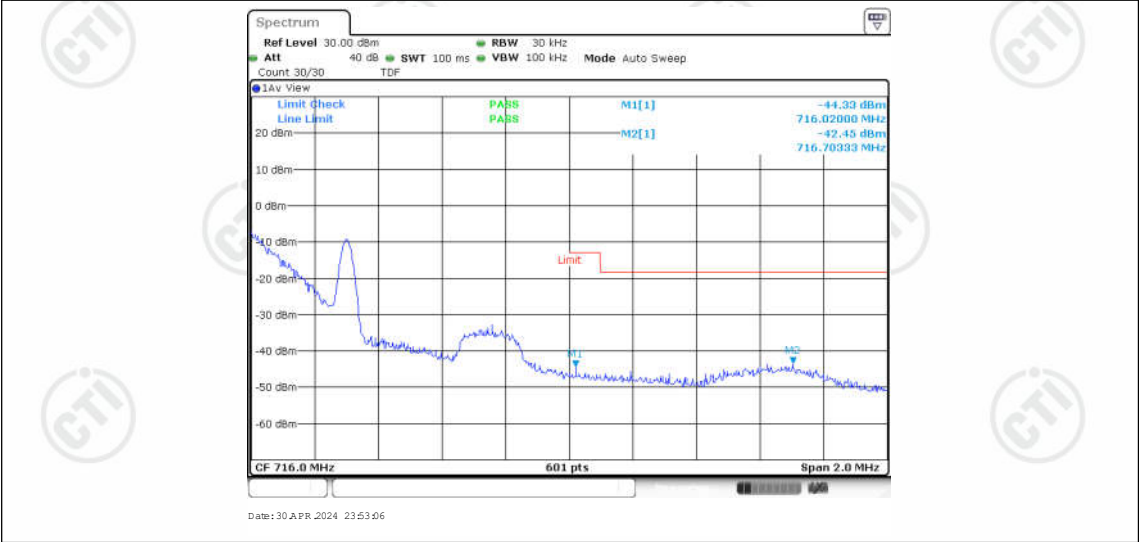




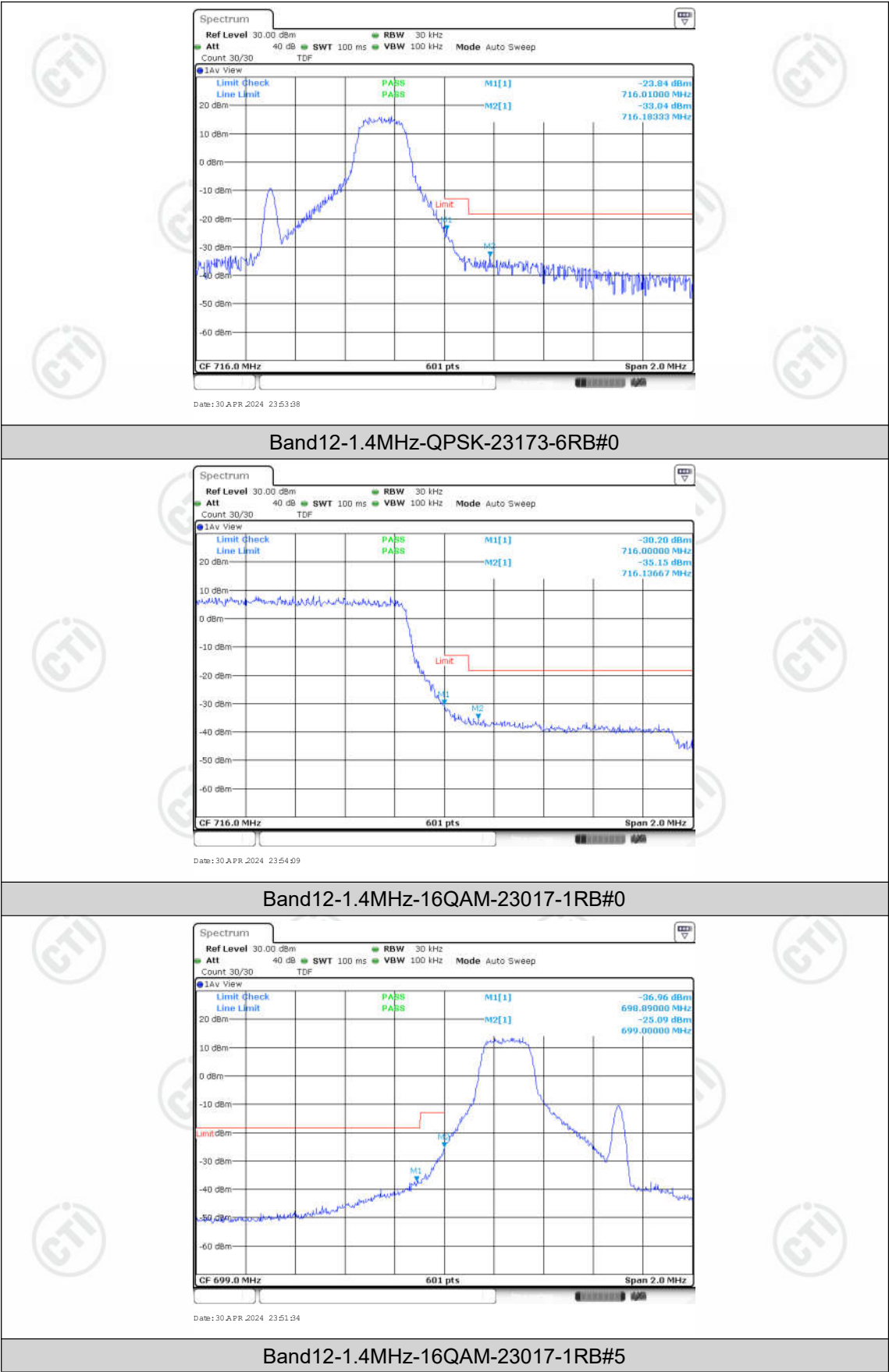
Band12-1.4MHz-QPSK-23017-6RB#0

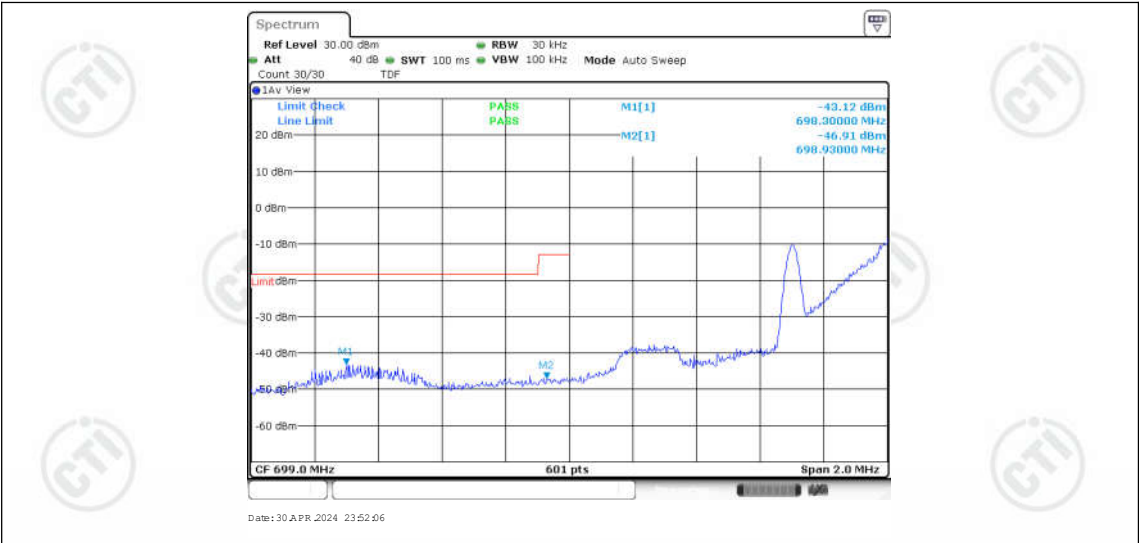


Band12-1.4MHz-QPSK-23173-1RB#0

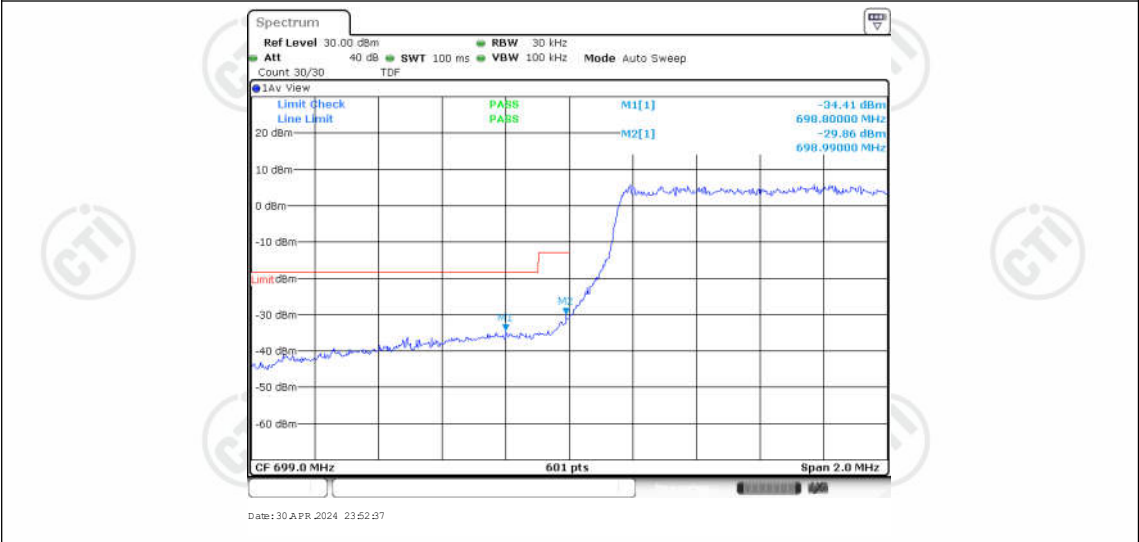


Band12-1.4MHz-QPSK-23173-1RB#5

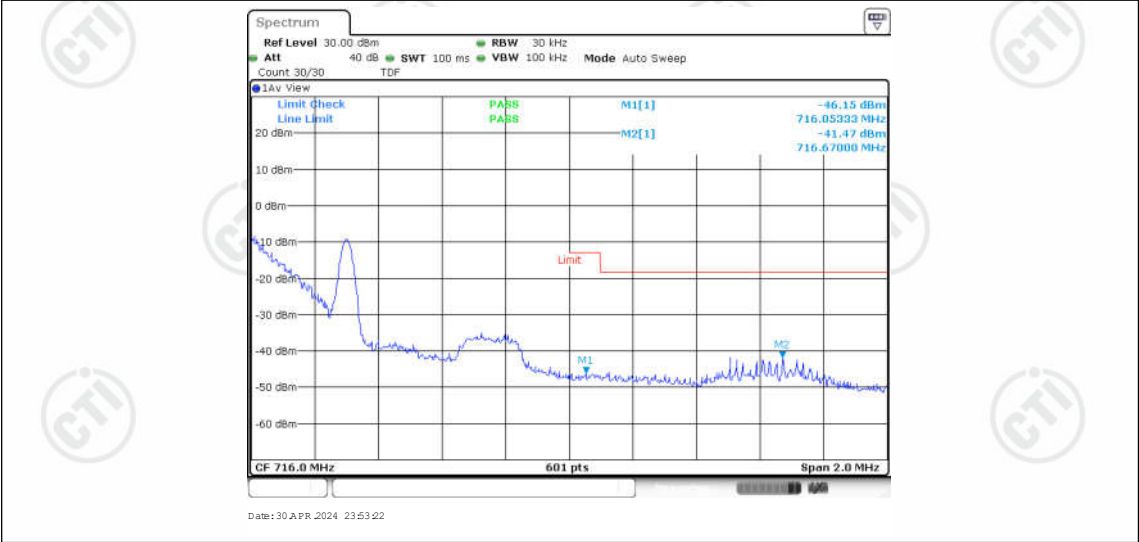




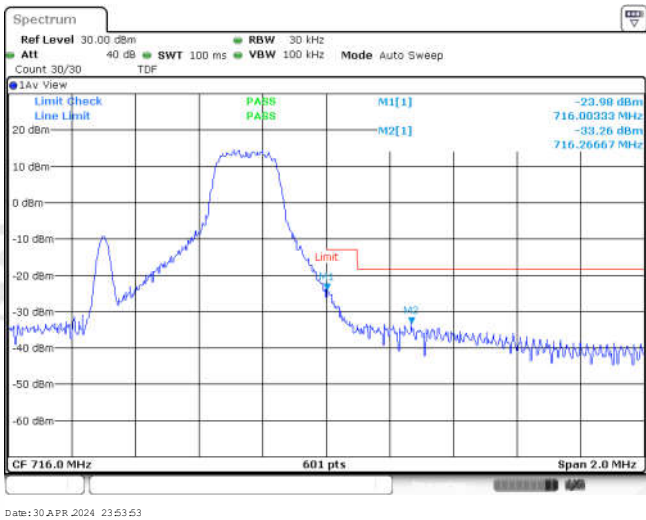
Band12-1.4MHz-16QAM-23017-6RB#0



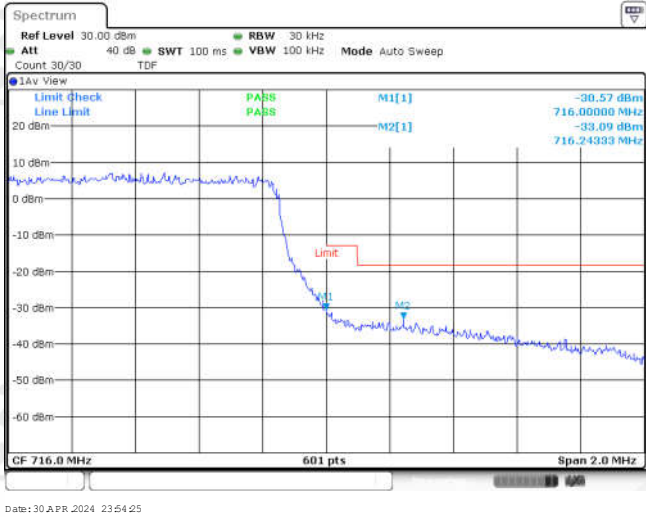
Band12-1.4MHz-16QAM-23173-1RB#0



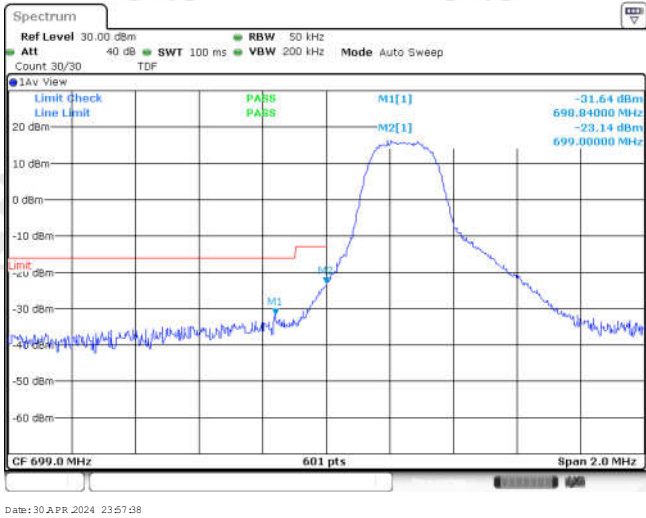
Band12-1.4MHz-16QAM-23173-1RB#5



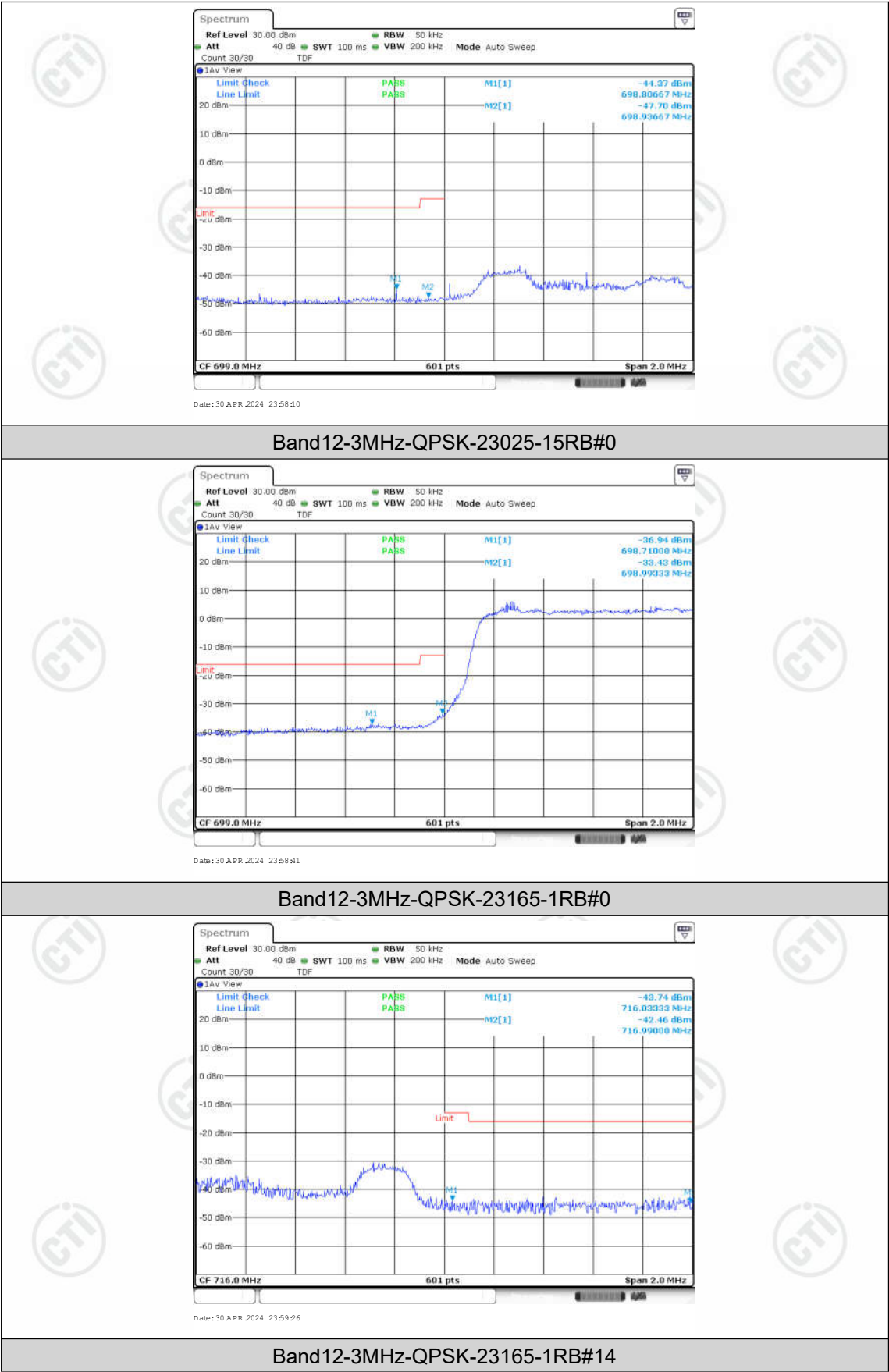
Band12-1.4MHz-16QAM-23173-6RB#0

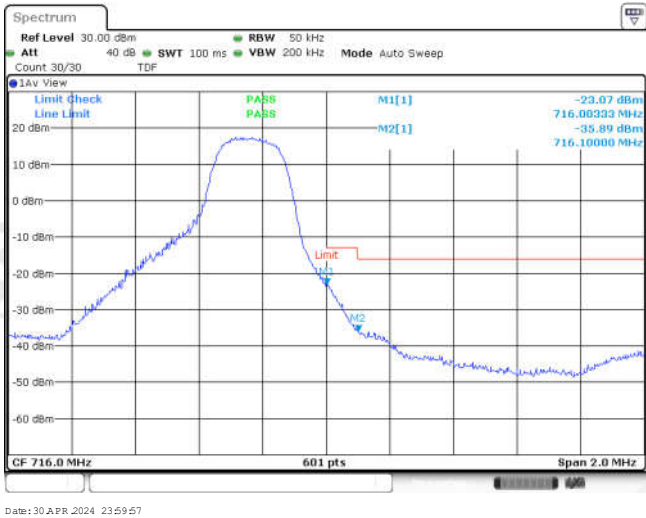


Band12-3MHz-QPSK-23025-1RB#0

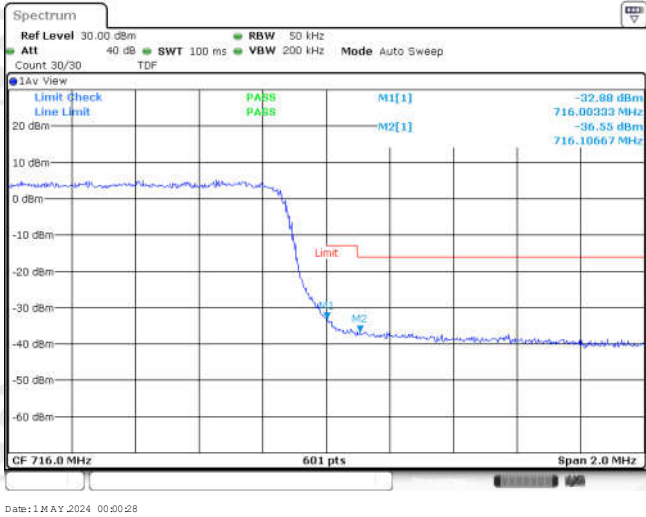


Band12-3MHz-QPSK-23025-1RB#14

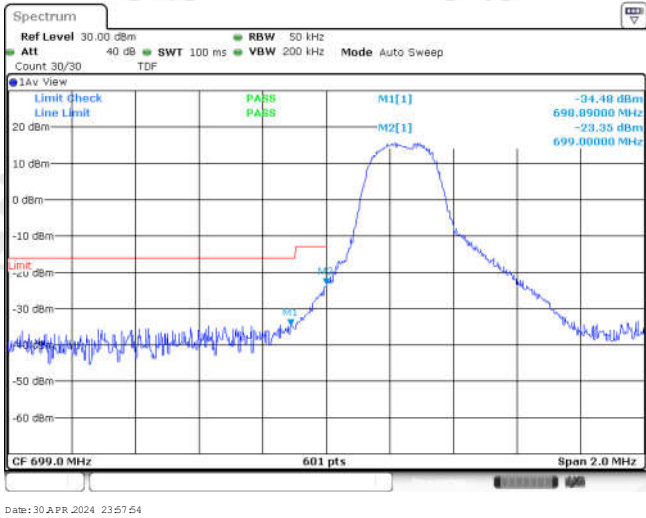




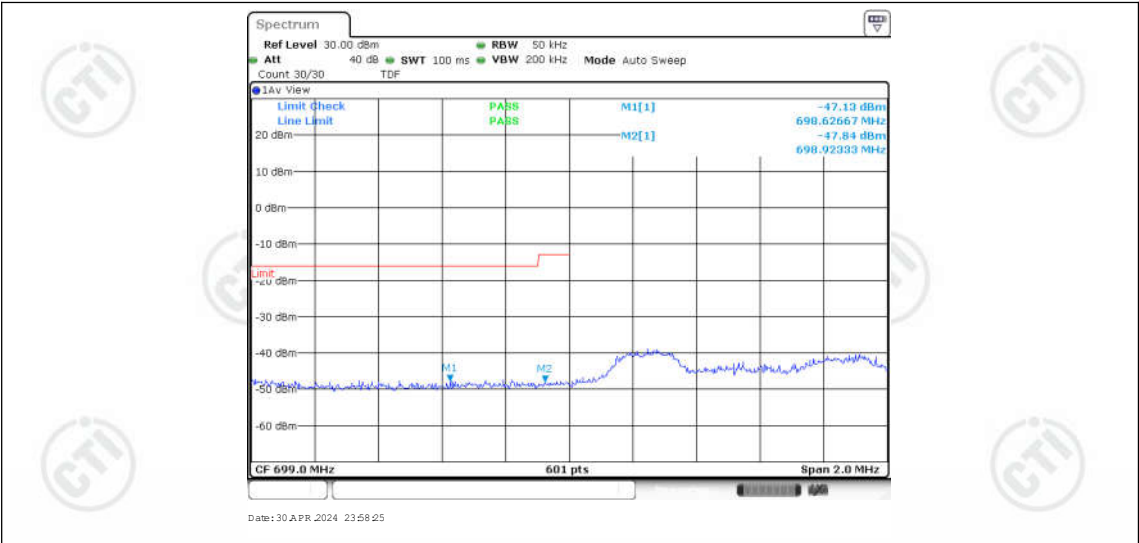
Band12-3MHz-QPSK-23165-15RB#0



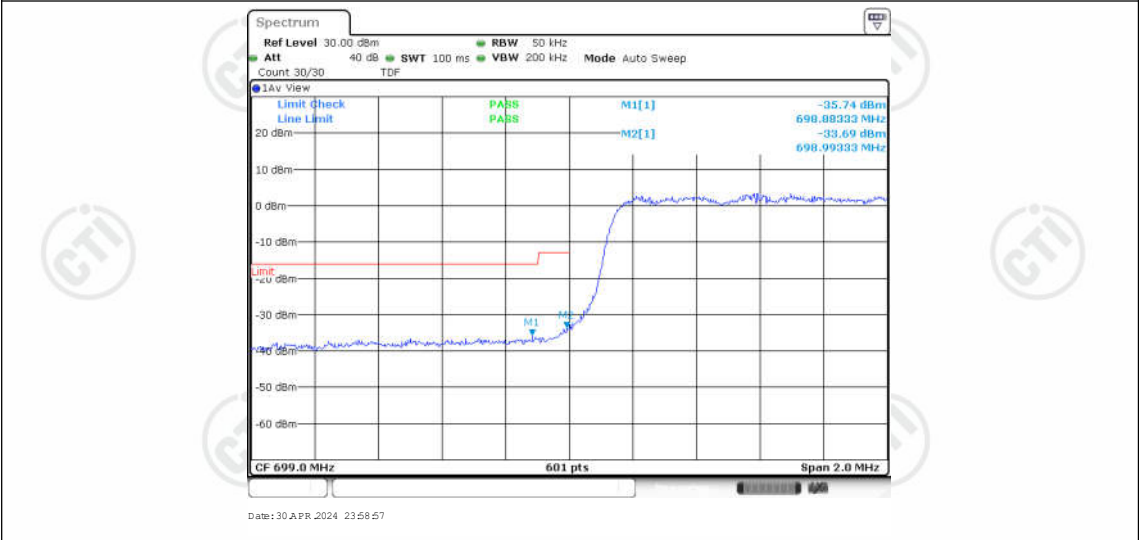
Band12-3MHz-16QAM-23025-1RB#0



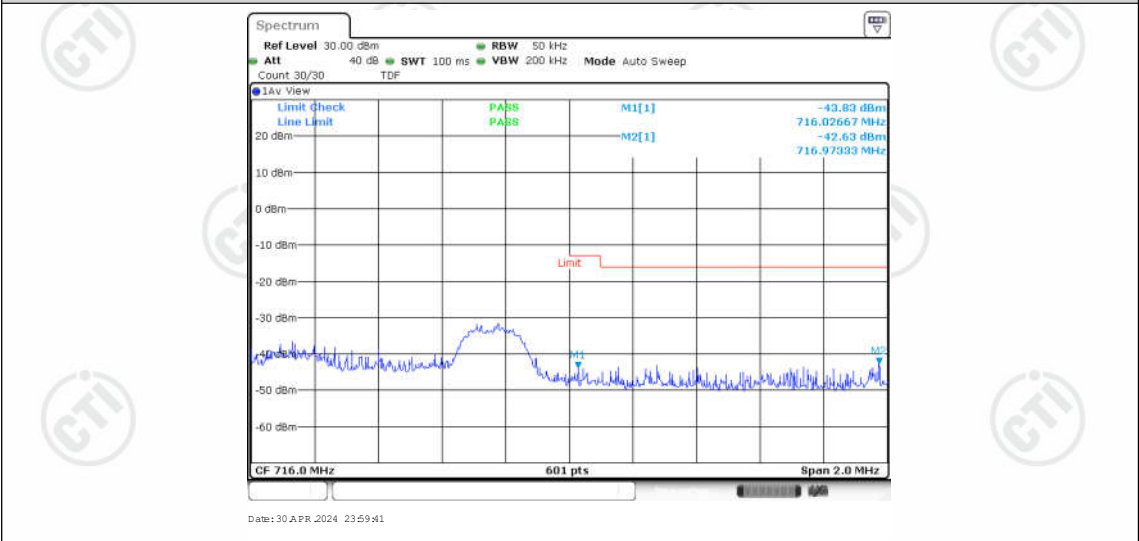
Band12-3MHz-16QAM-23025-1RB#14



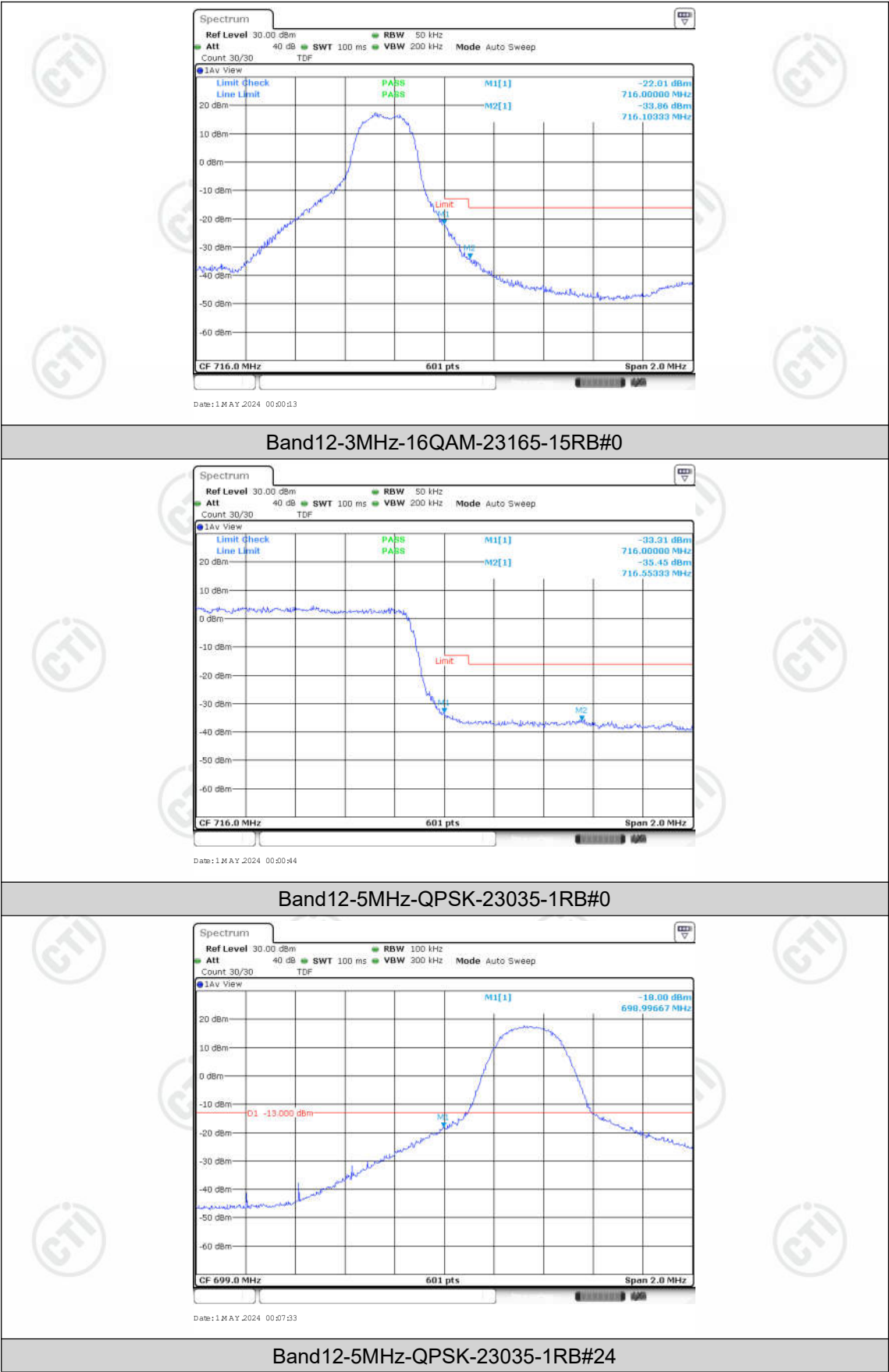
Band12-3MHz-16QAM-23025-15RB#0

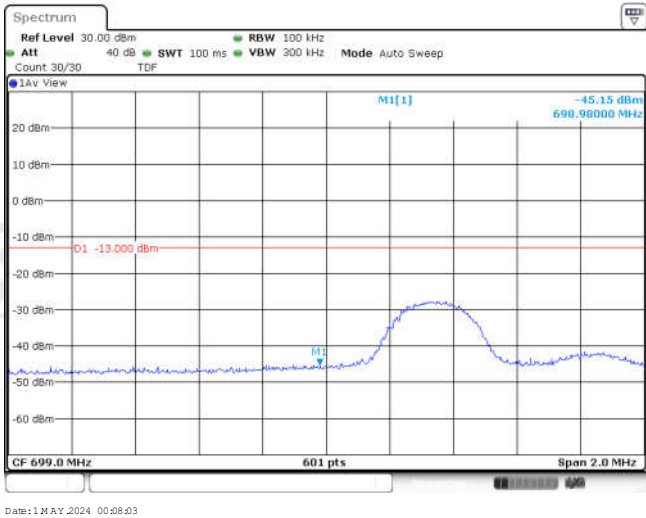


Band12-3MHz-16QAM-23165-1RB#0

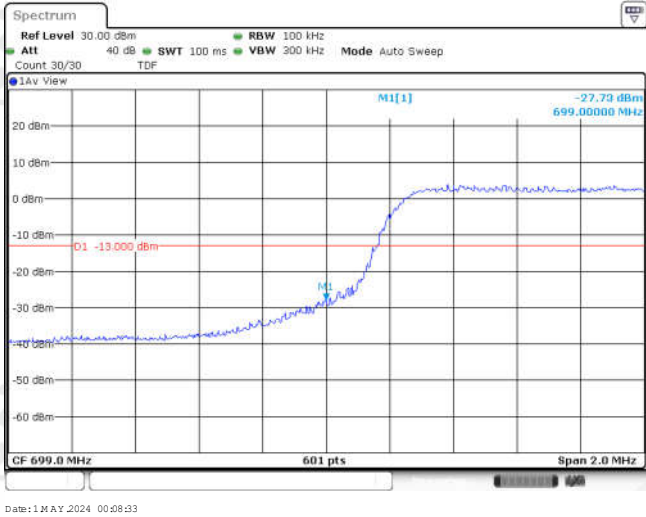


Band12-3MHz-16QAM-23165-1RB#14

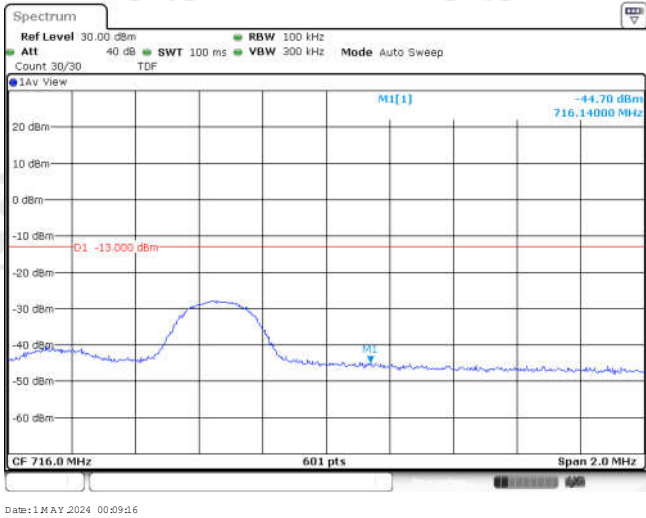




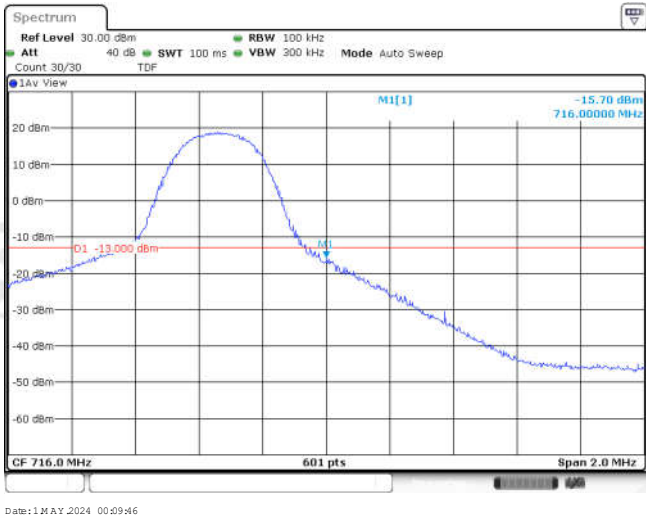
Band12-5MHz-QPSK-23035-25RB#0



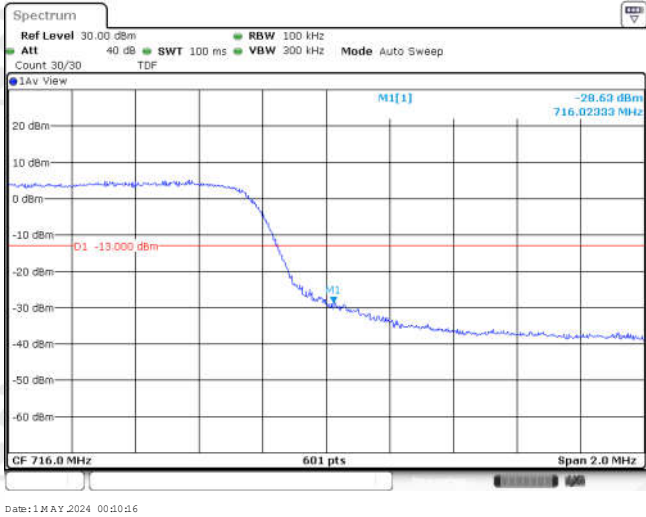
Band12-5MHz-QPSK-23155-1RB#0



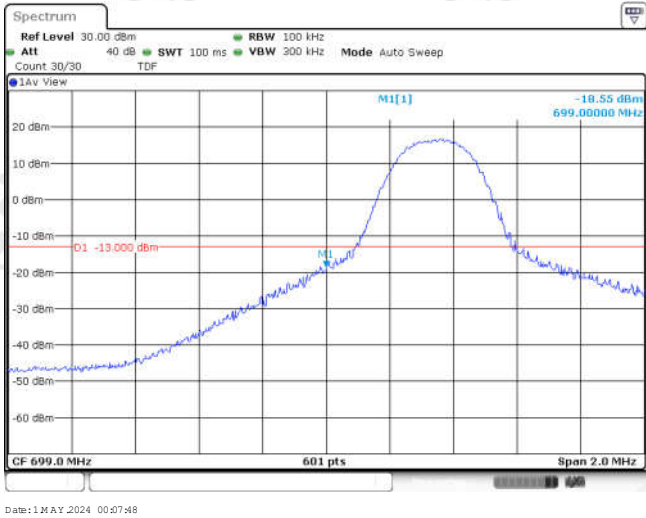
Band12-5MHz-QPSK-23155-1RB#24



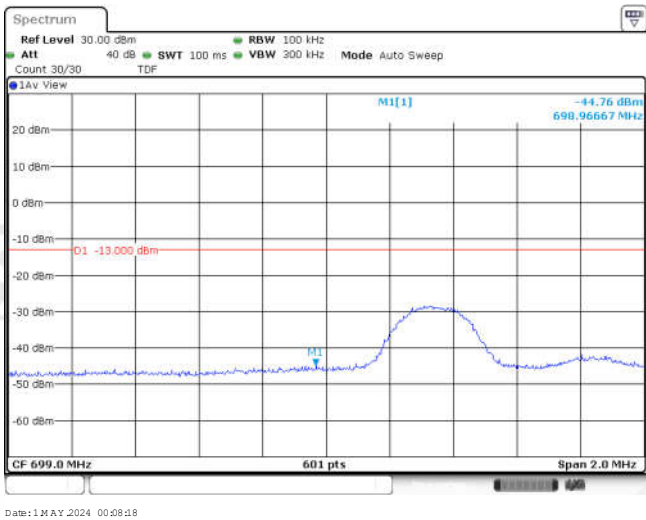
Band12-5MHz-QPSK-23155-25RB#0



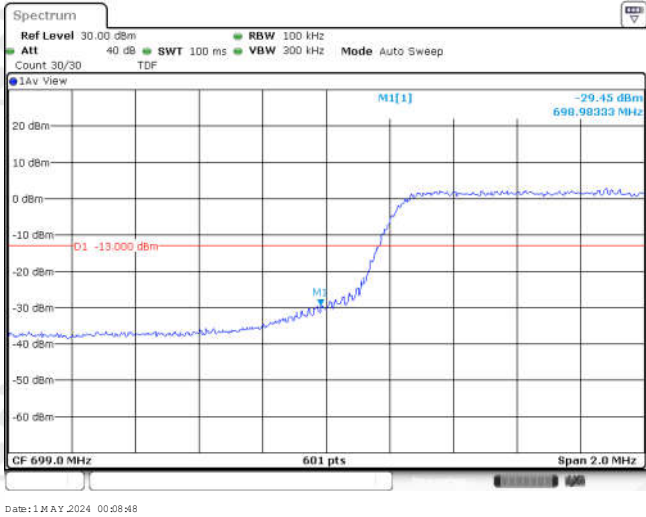
Band12-5MHz-16QAM-23035-1RB#0



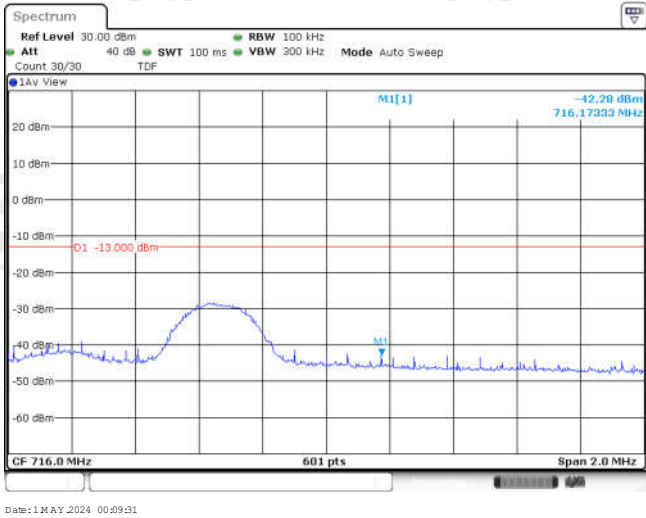
Band12-5MHz-16QAM-23035-1RB#24



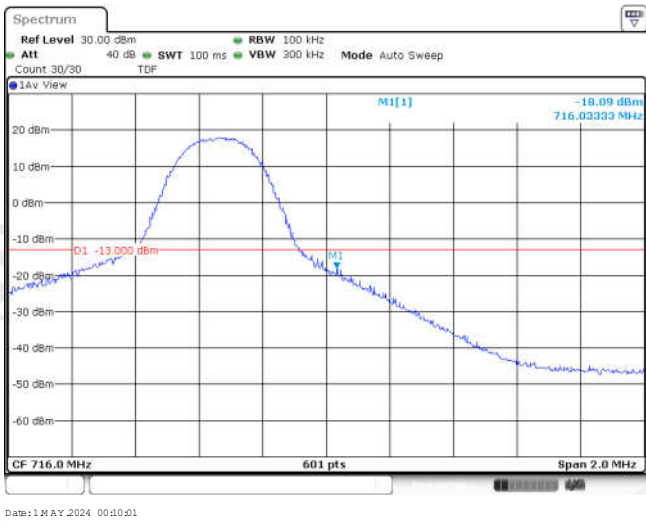
Band12-5MHz-16QAM-23035-25RB#0



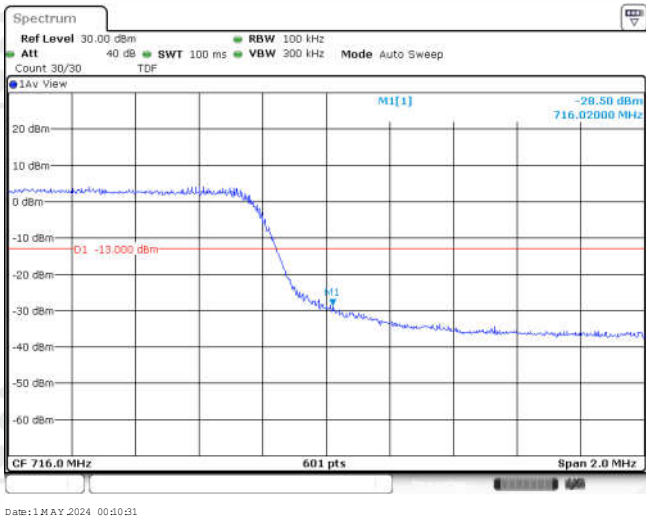
Band12-5MHz-16QAM-23155-1RB#0



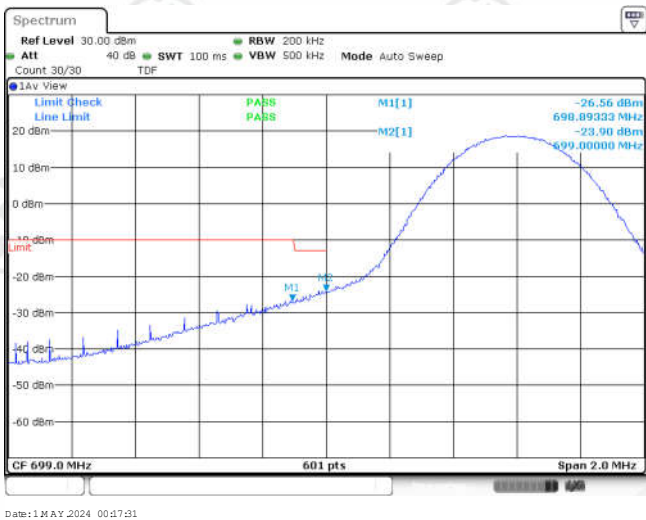
Band12-5MHz-16QAM-23155-1RB#24



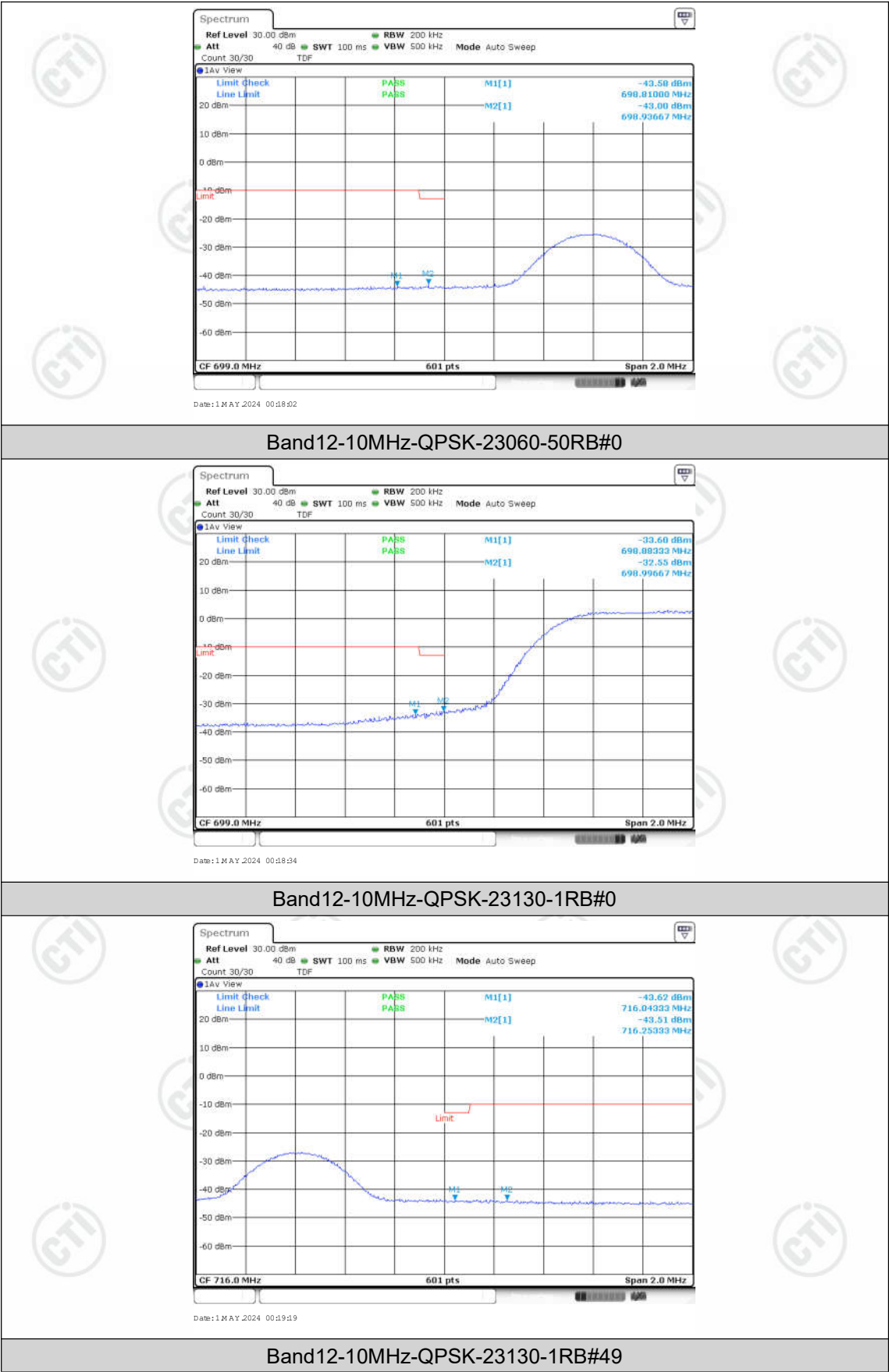
Band12-5MHz-16QAM-23155-25RB#0

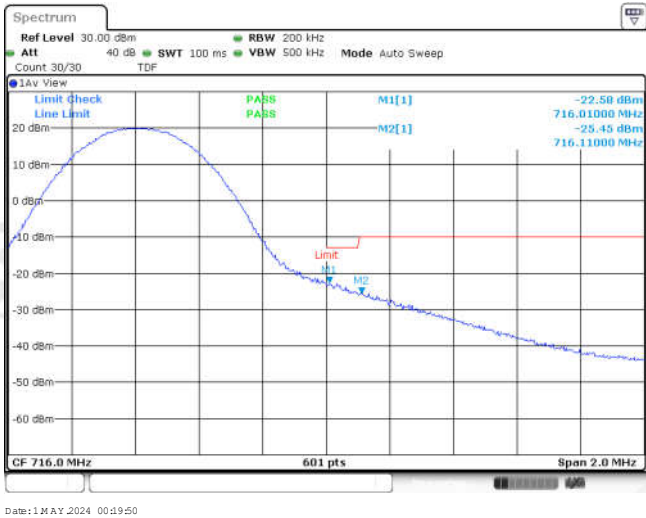


Band12-10MHz-QPSK-23060-1RB#0

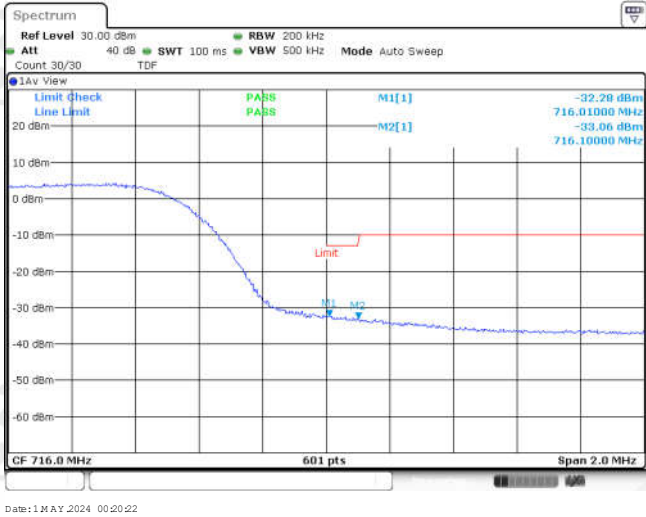


Band12-10MHz-QPSK-23060-1RB#49

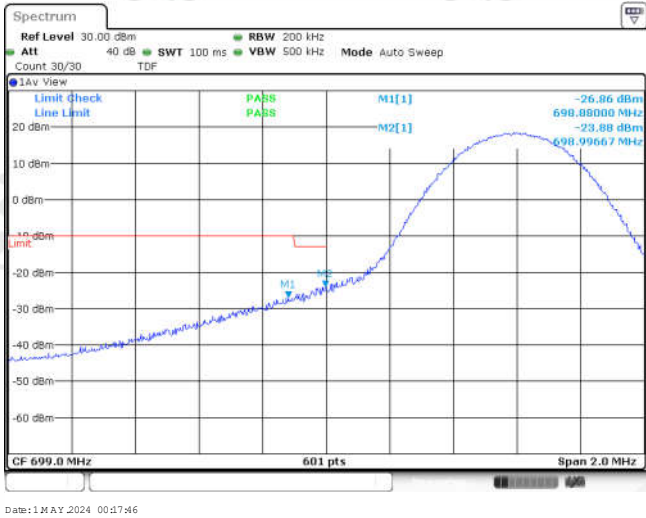




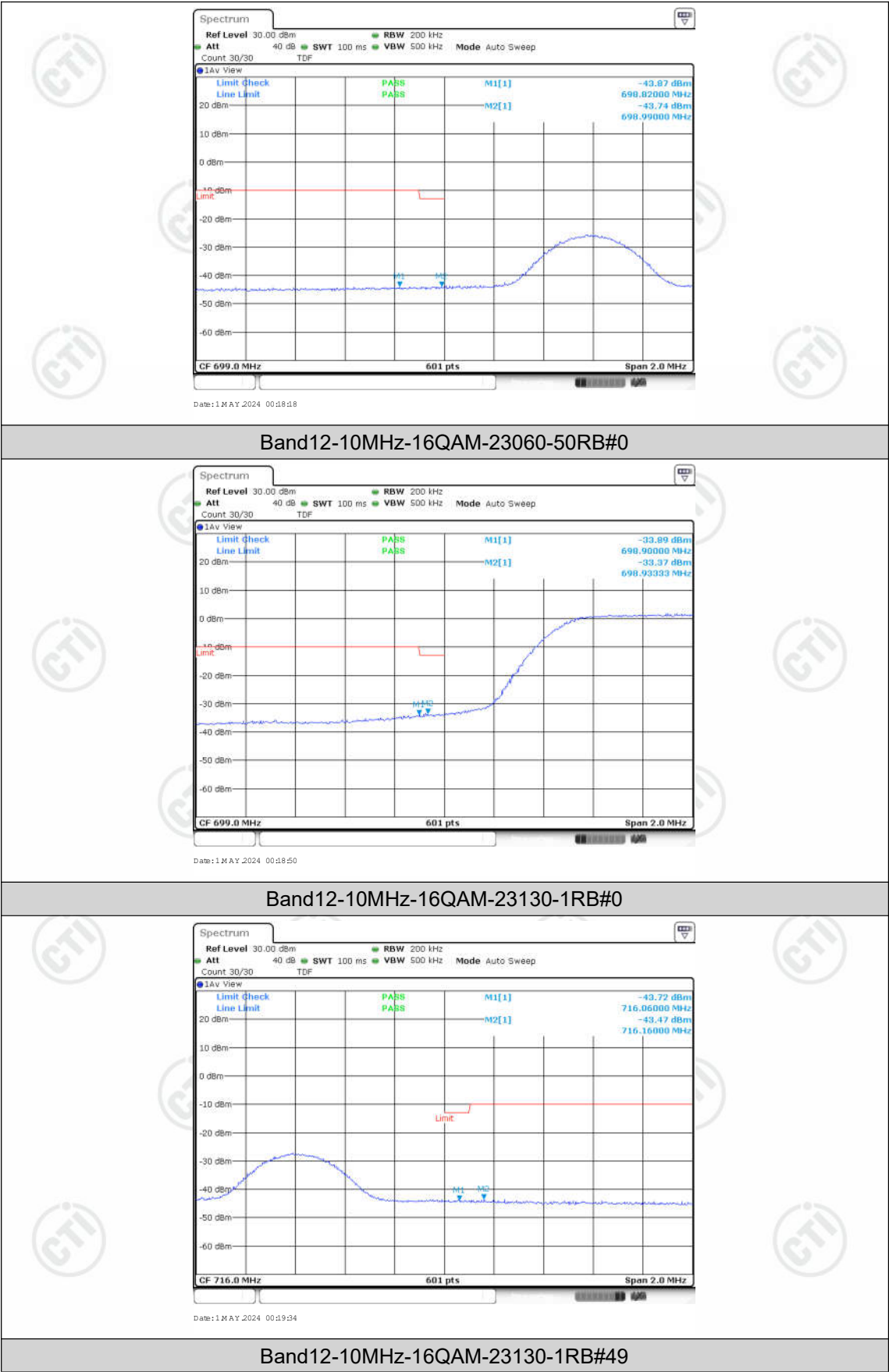
Band12-10MHz-QPSK-23130-50RB#0

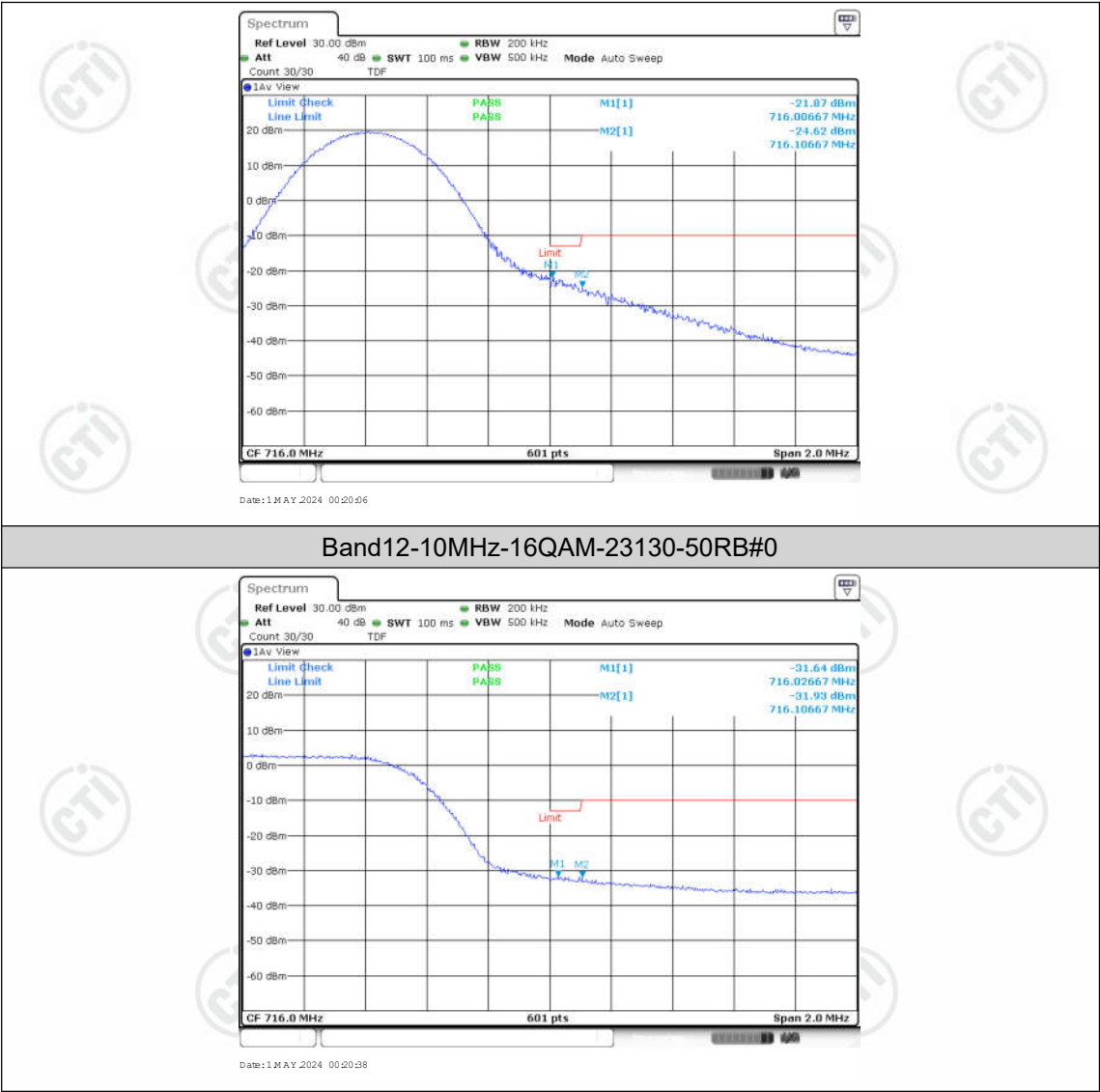


Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-1RB#49





Appendix E: Conducted Spurious Emission

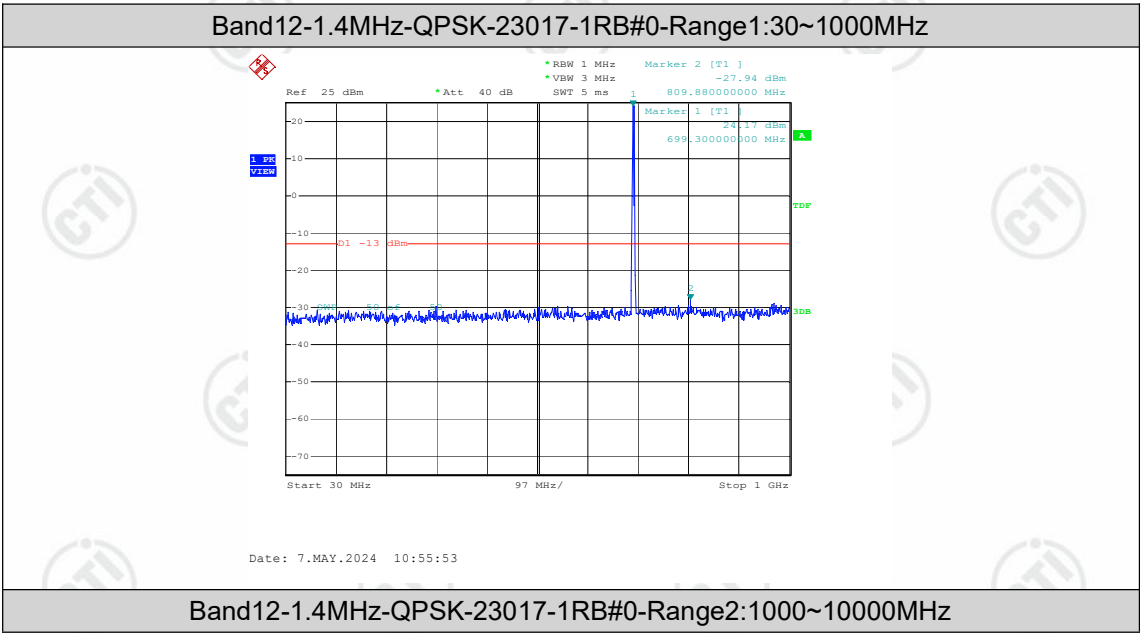
Test Result

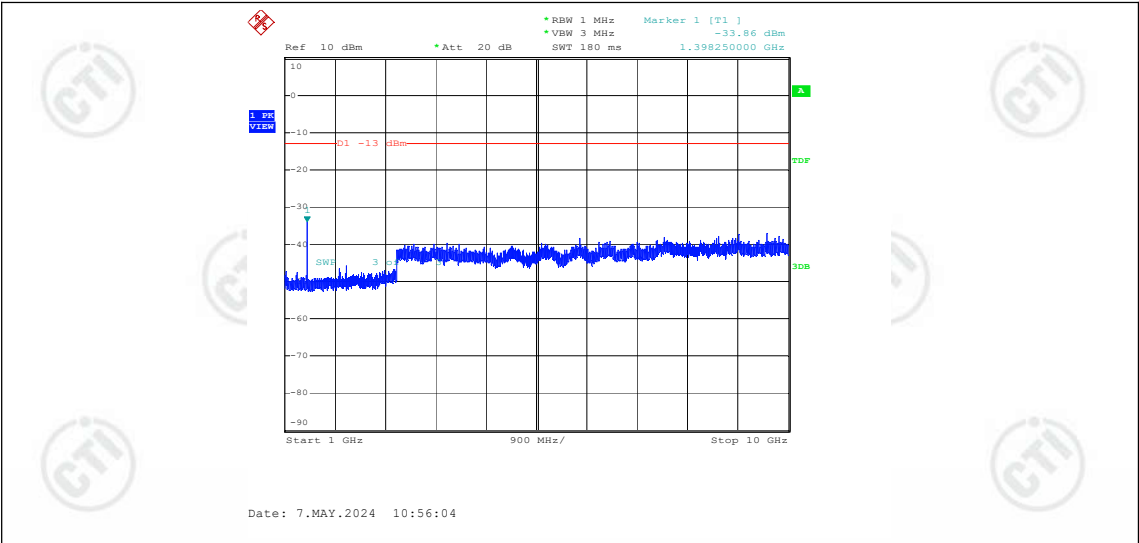
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-27.94	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-33.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-28.81	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-30.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-28.44	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-29.09	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-29.51	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-36.3	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-29.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-32.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-29.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-30	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-29.49	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-28.83	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-29.1	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-31.42	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-29.19	PASS

Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-33.03	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-28.24	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-31.55	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-28.76	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-32.36	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-27.79	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-31.32	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-28.6	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-34.57	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-29.35	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-30.02	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-28.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-31.3	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-28.91	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-32.04	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-28	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.13	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-28.96	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-30.71	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-28.55	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~	-34.14	PASS

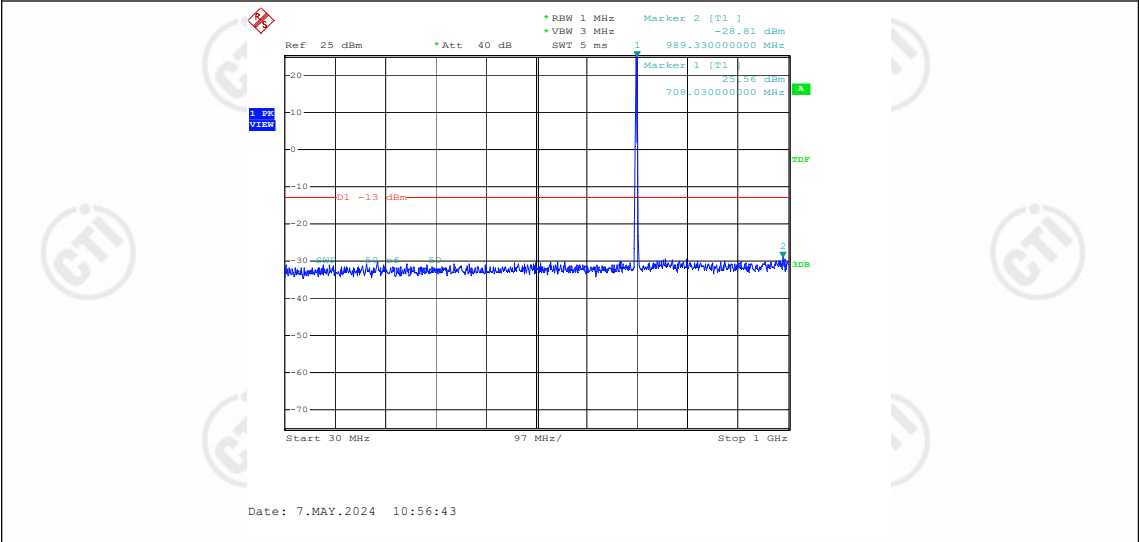
					10000MHz		
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-29.3	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-32.85	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-28.81	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-31.47	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-29.58	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-34.66	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-29.39	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.72	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-28.54	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-31.67	PASS

Test Graphs

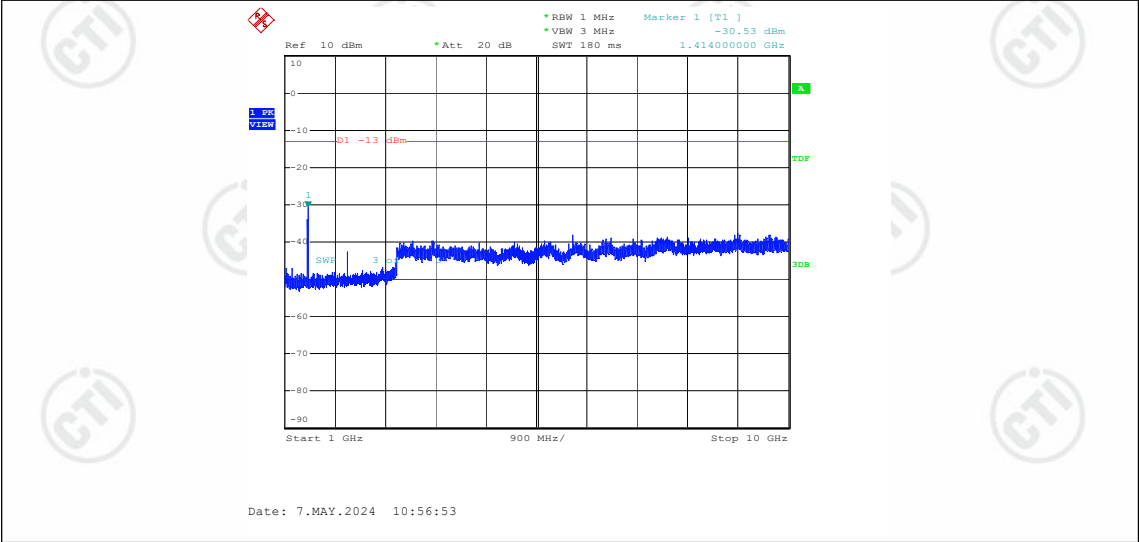




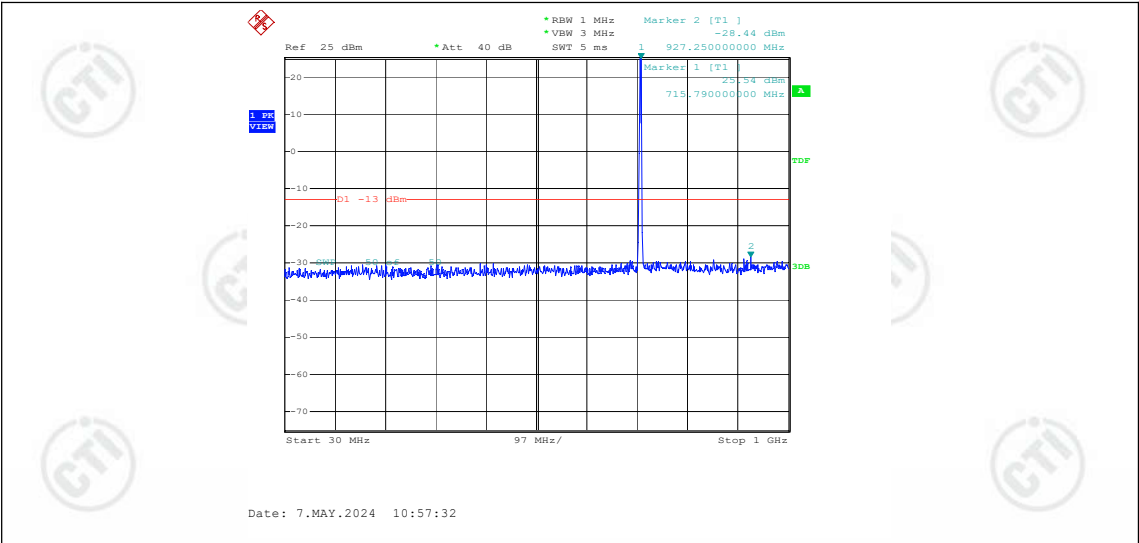
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



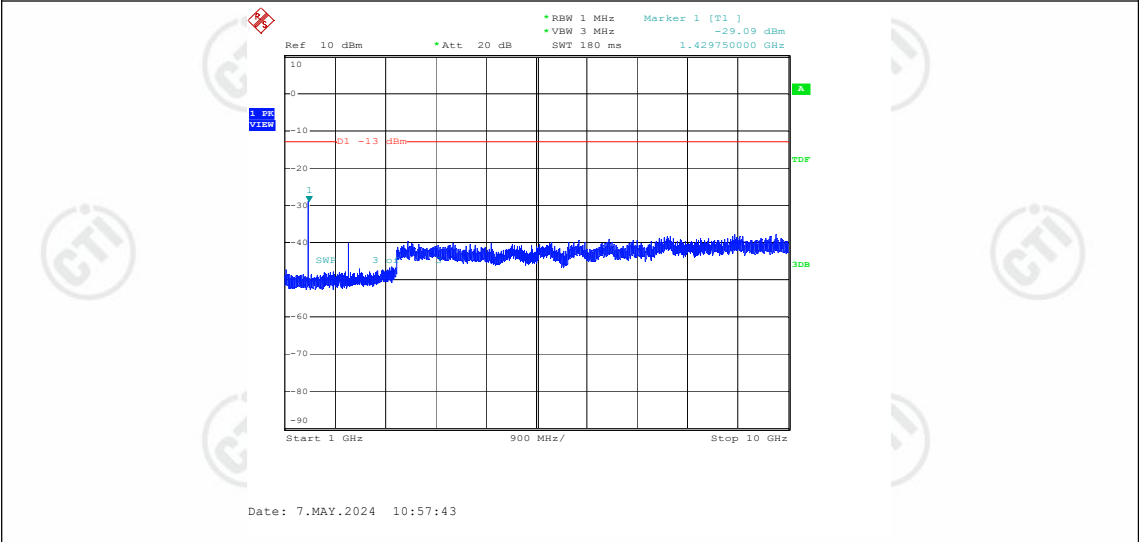
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



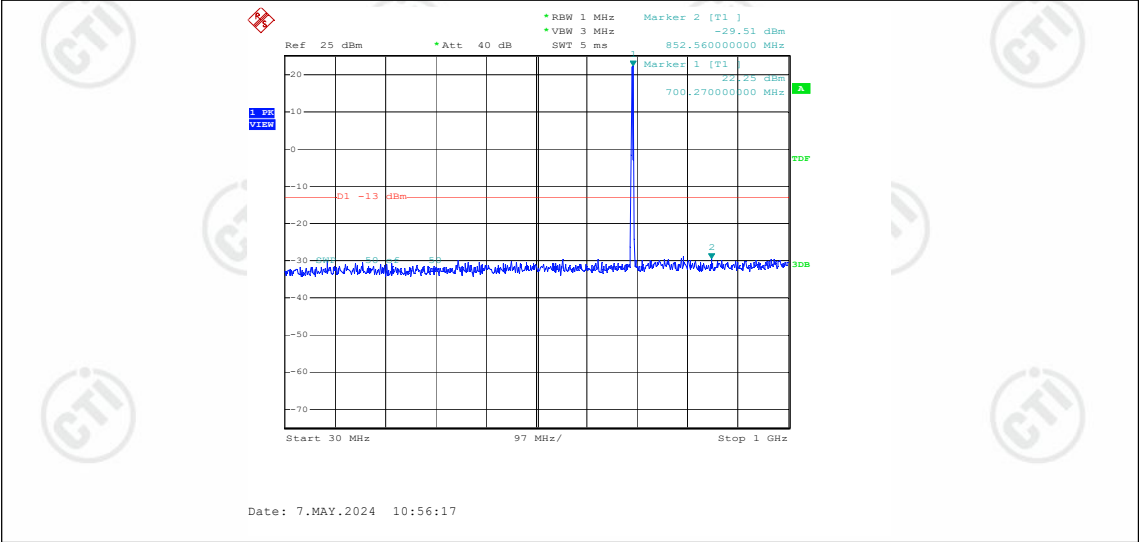
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



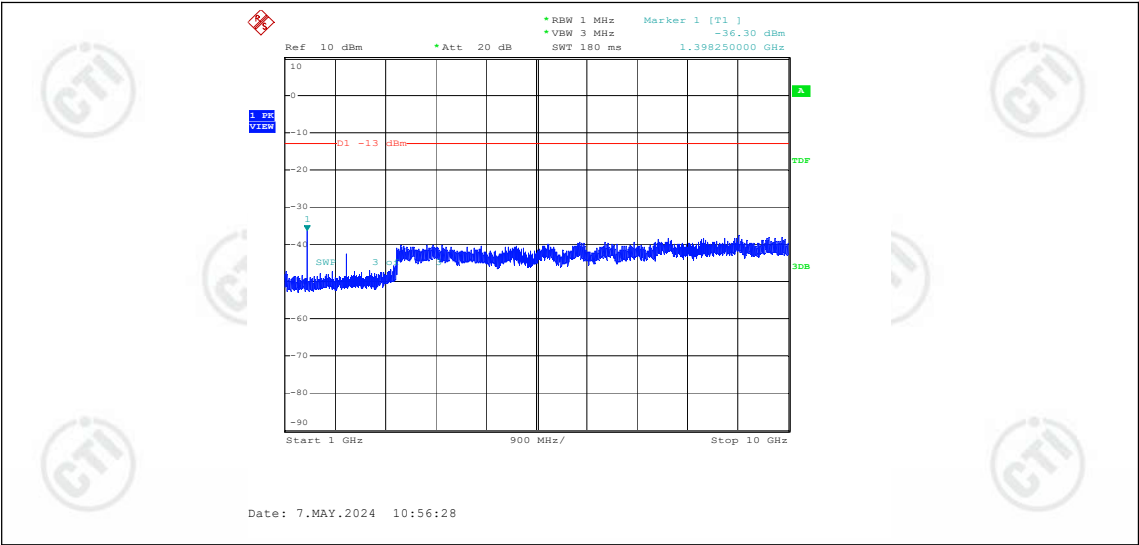
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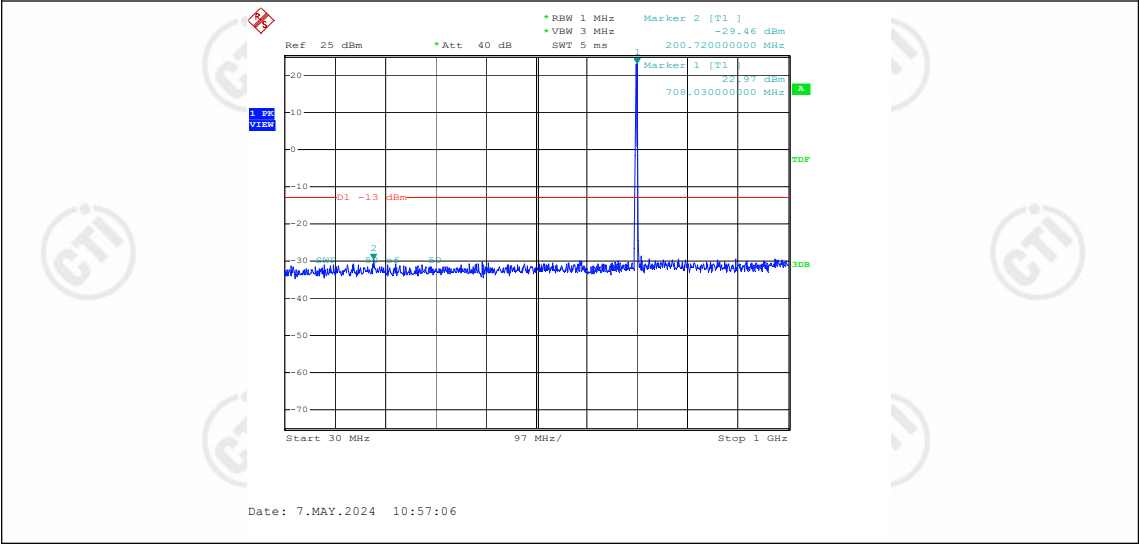
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



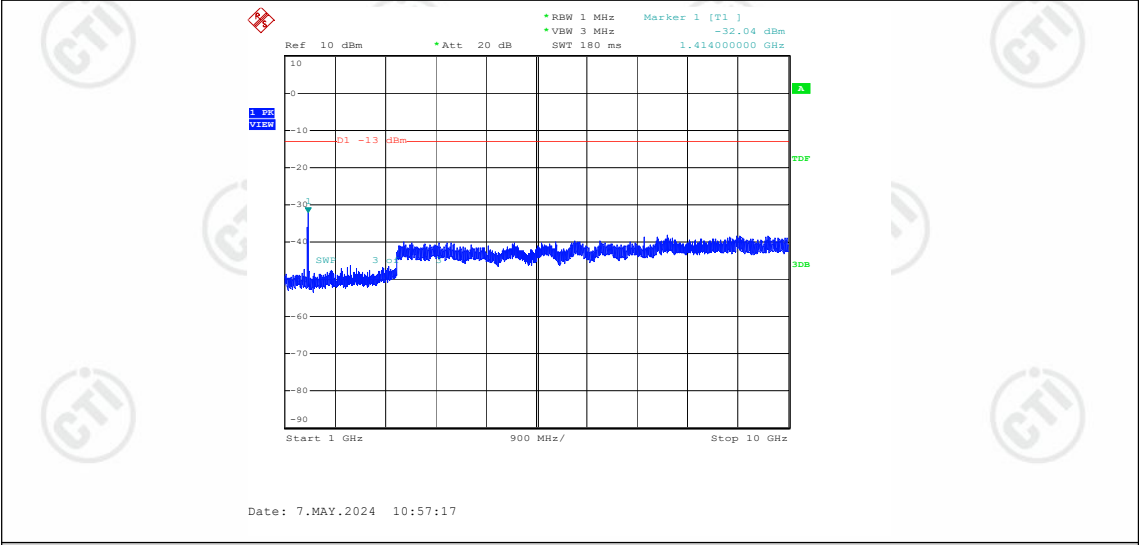
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



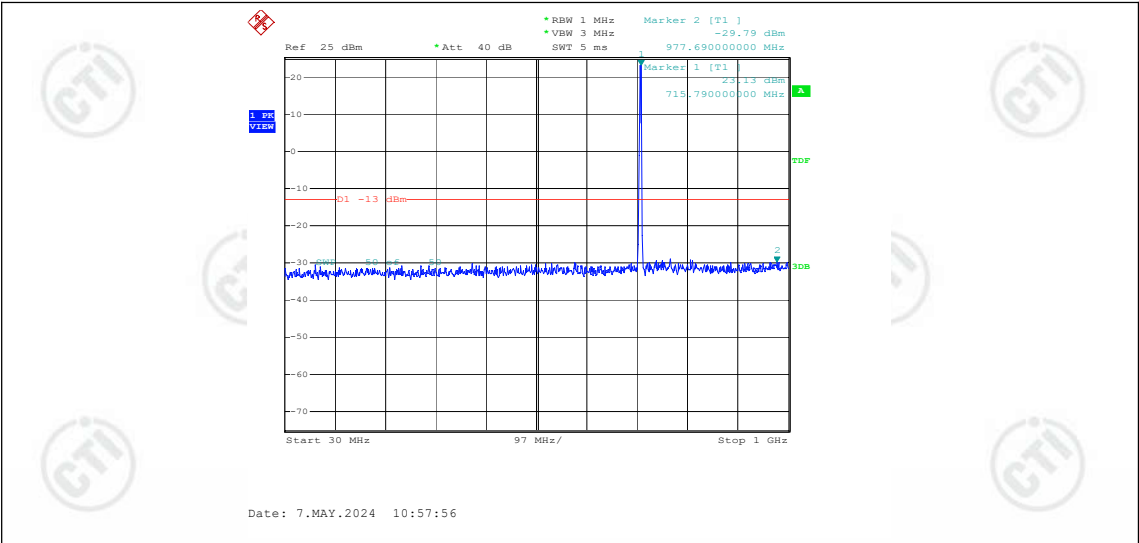
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



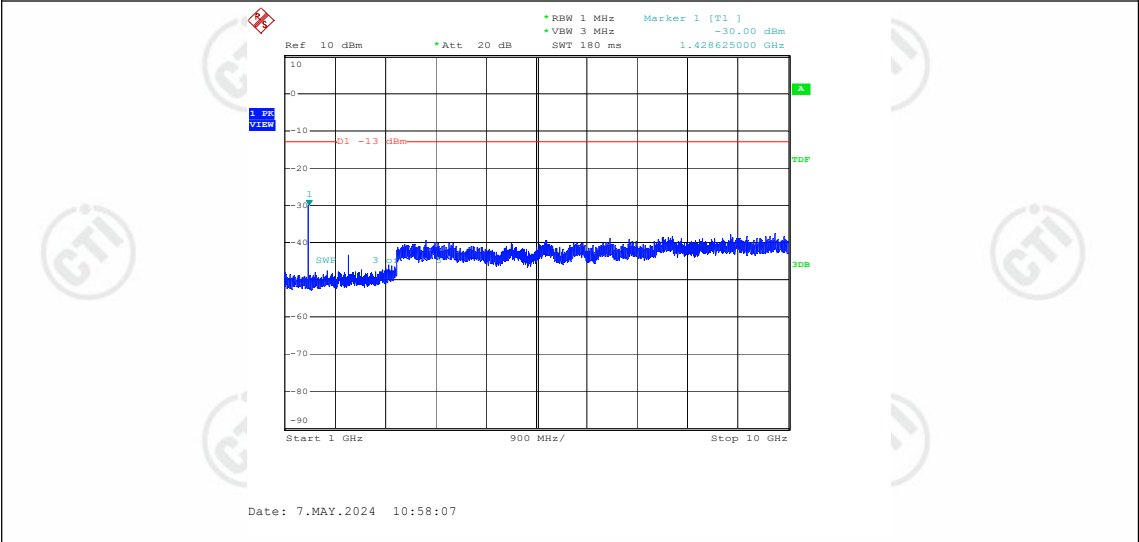
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



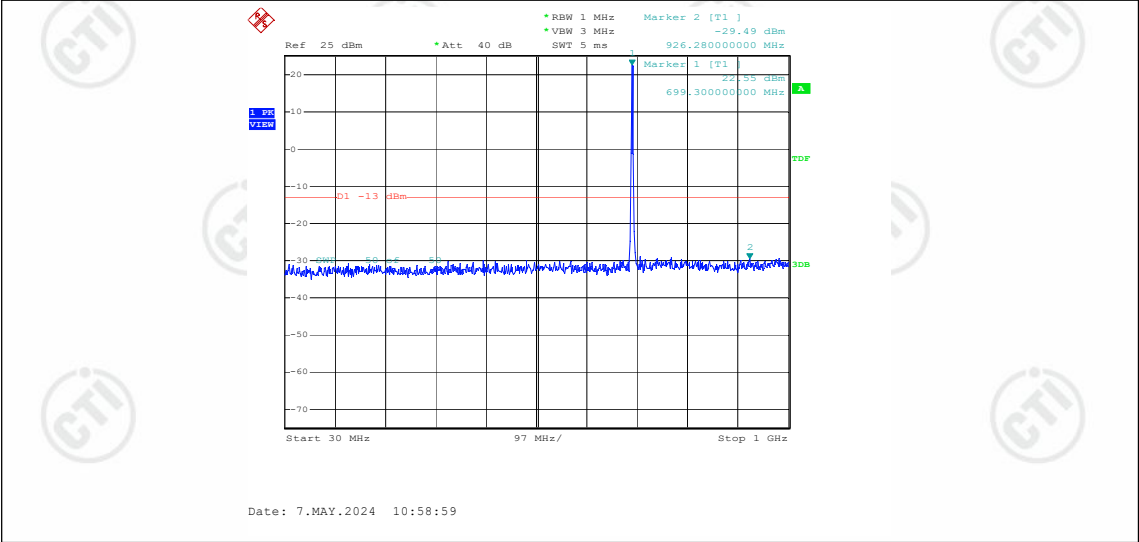
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



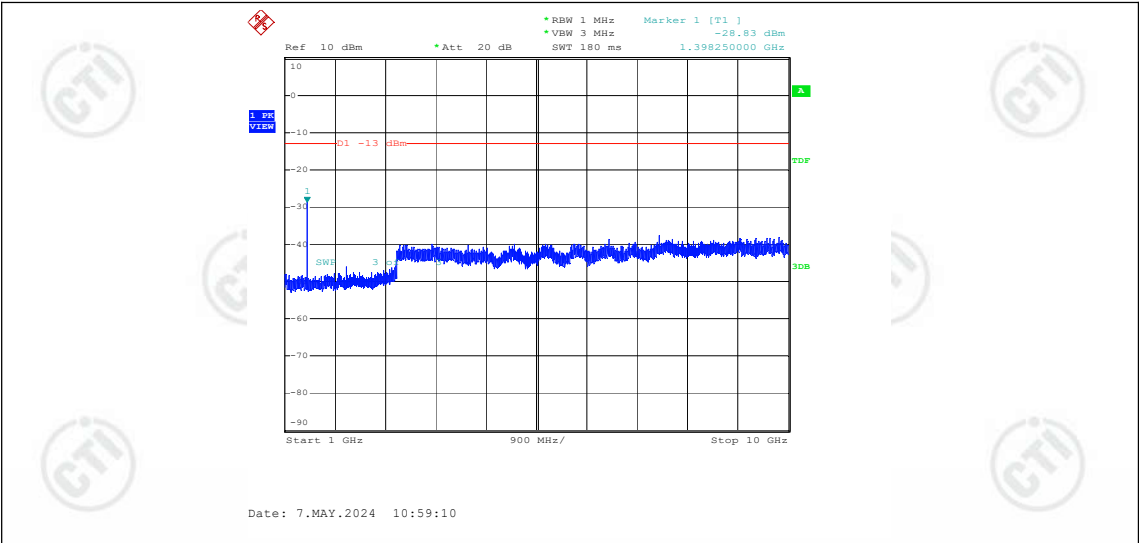
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



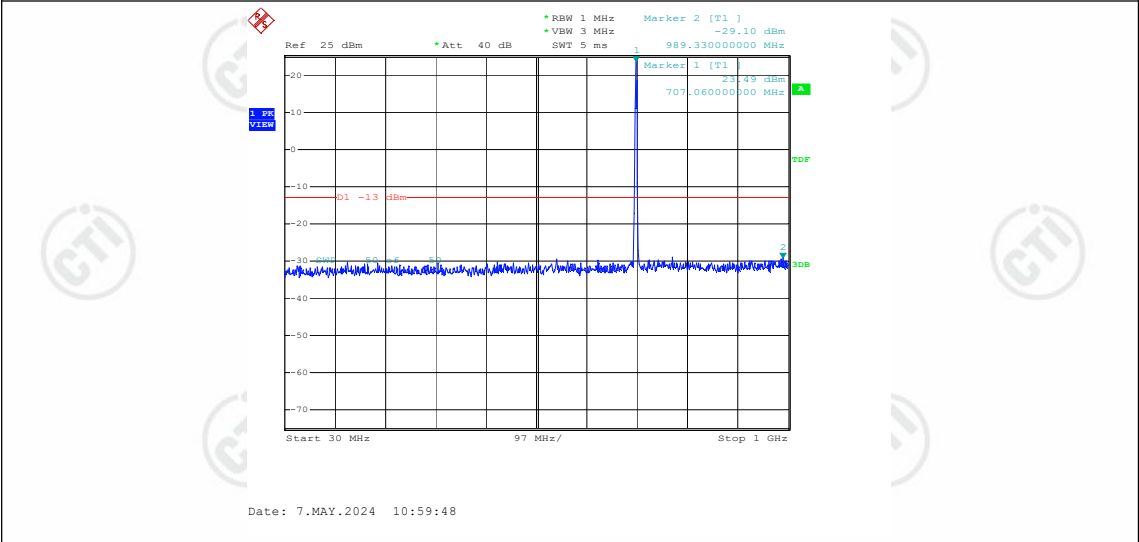
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



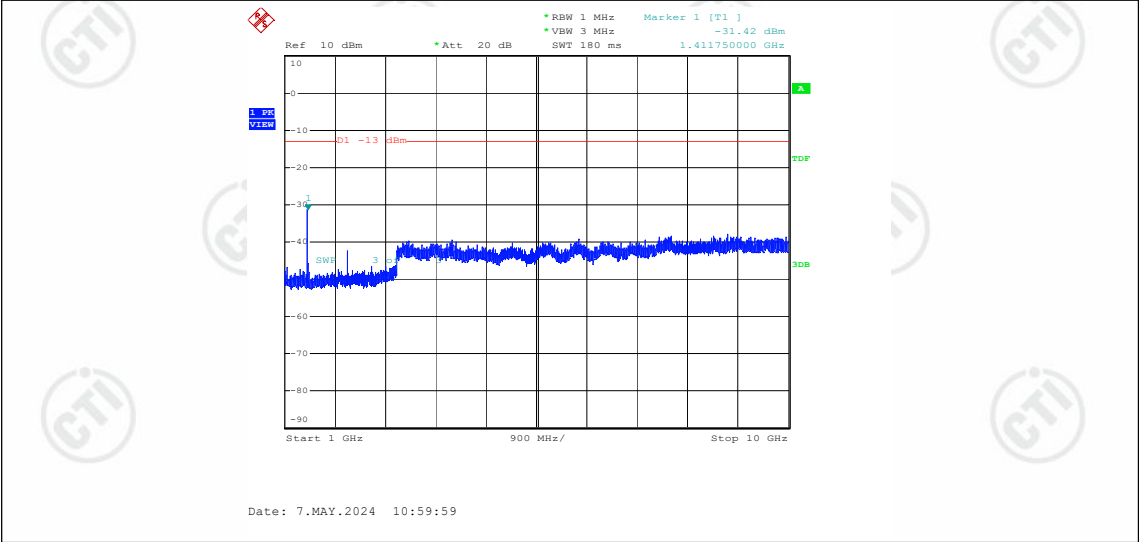
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



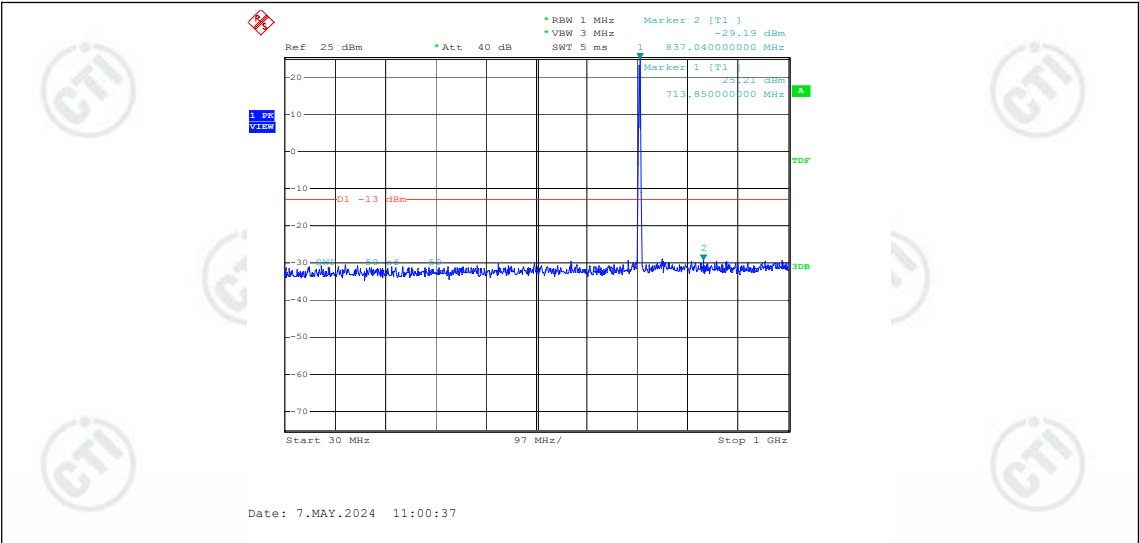
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



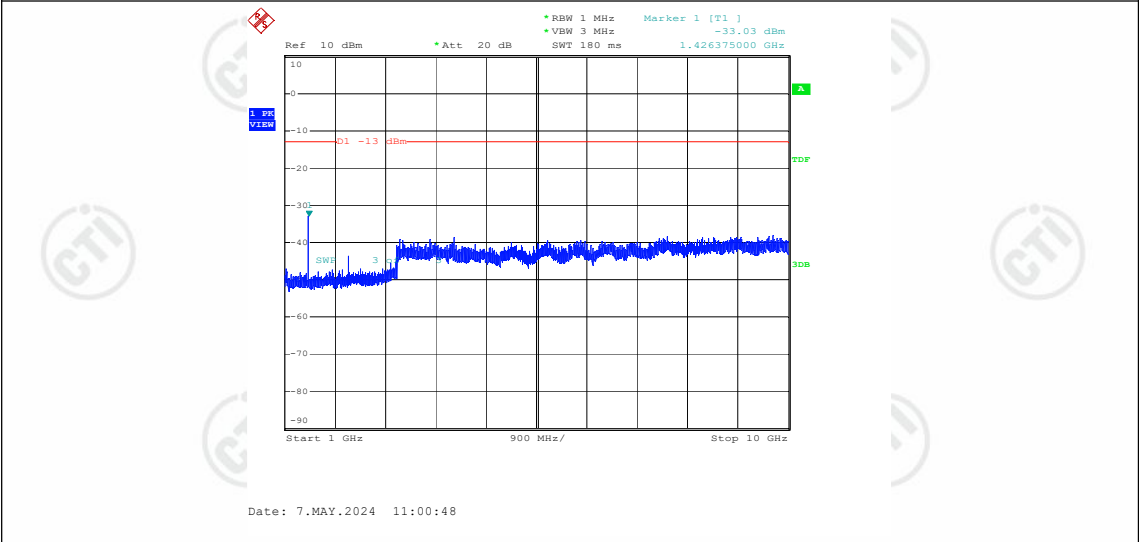
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



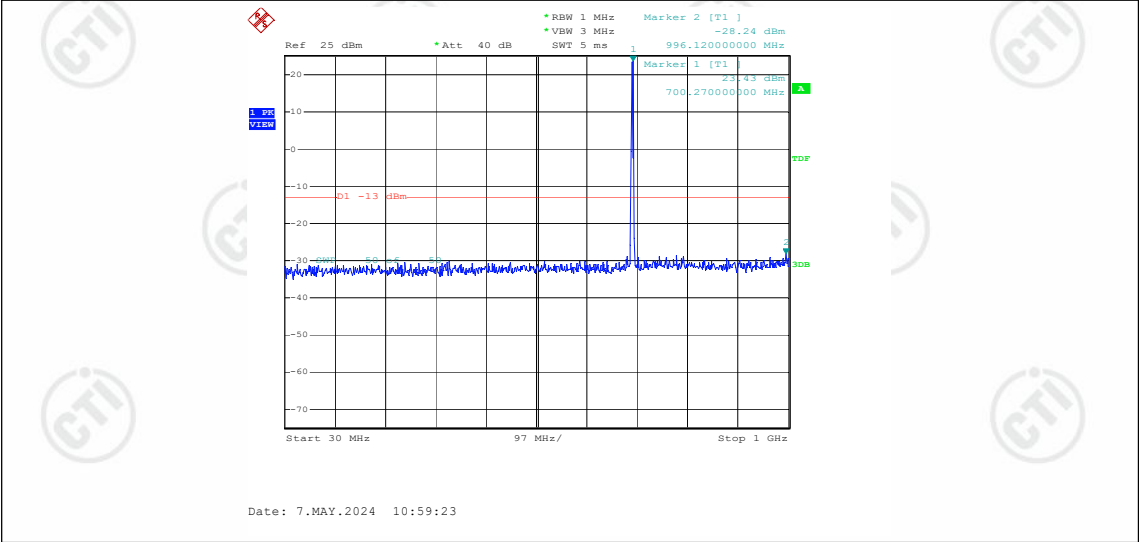
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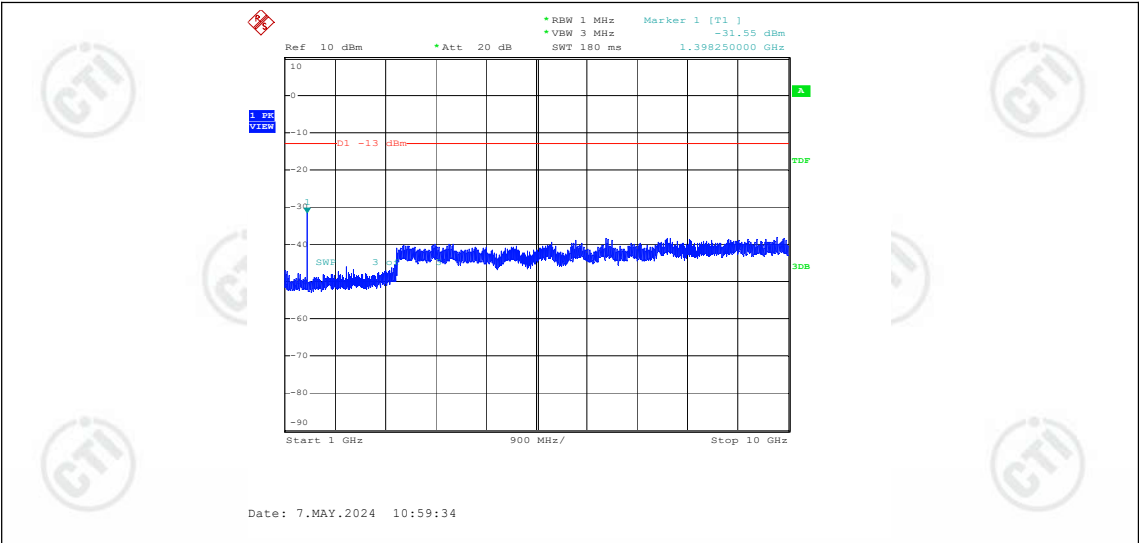
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



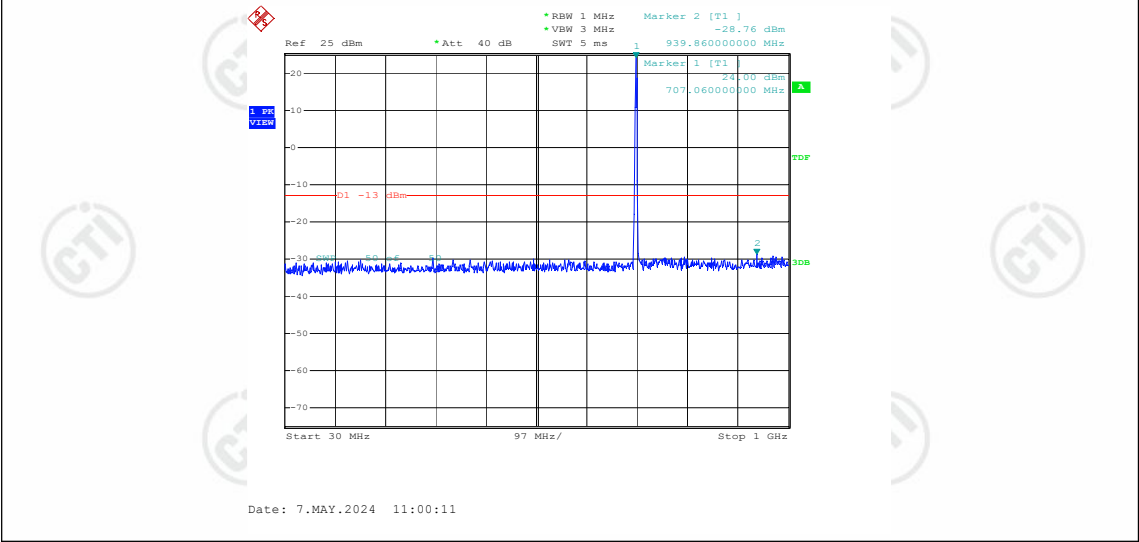
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



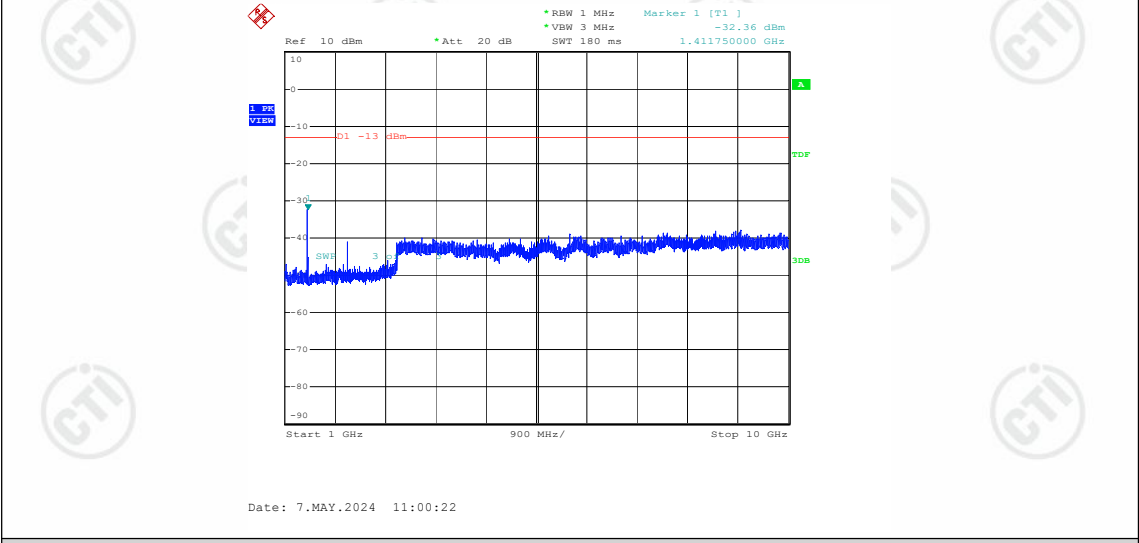
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



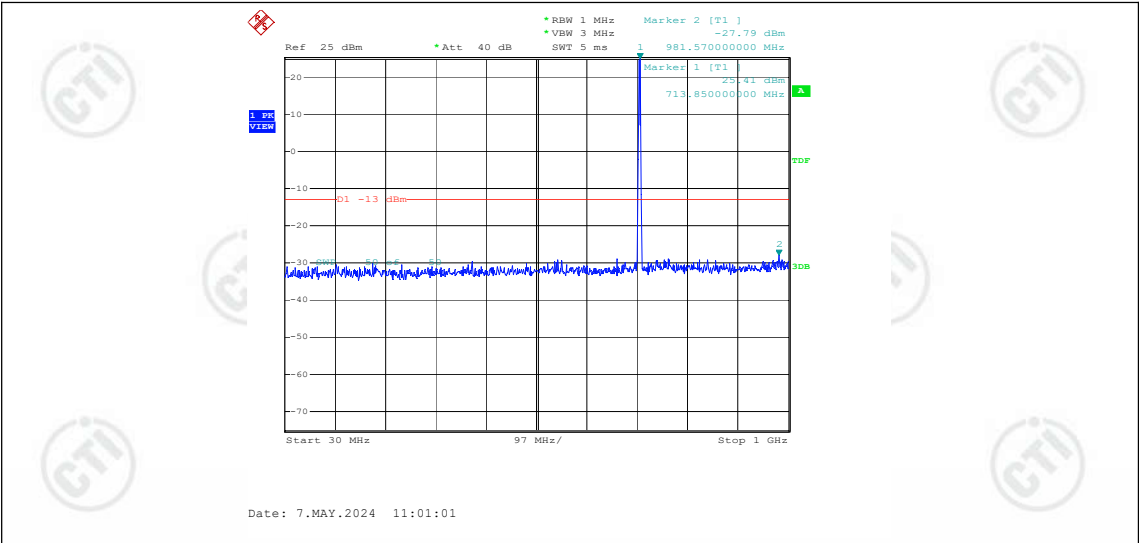
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



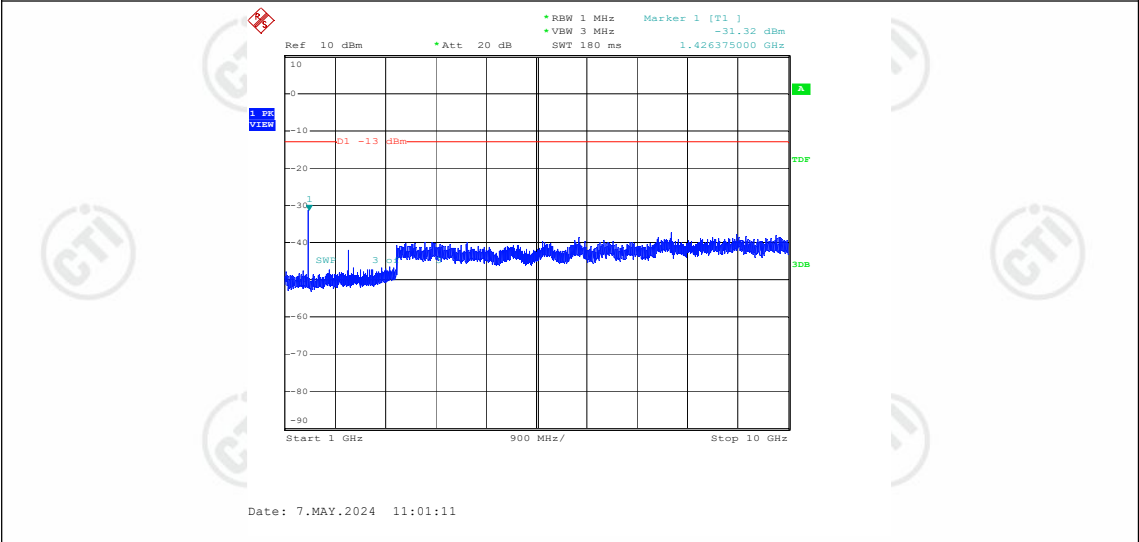
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



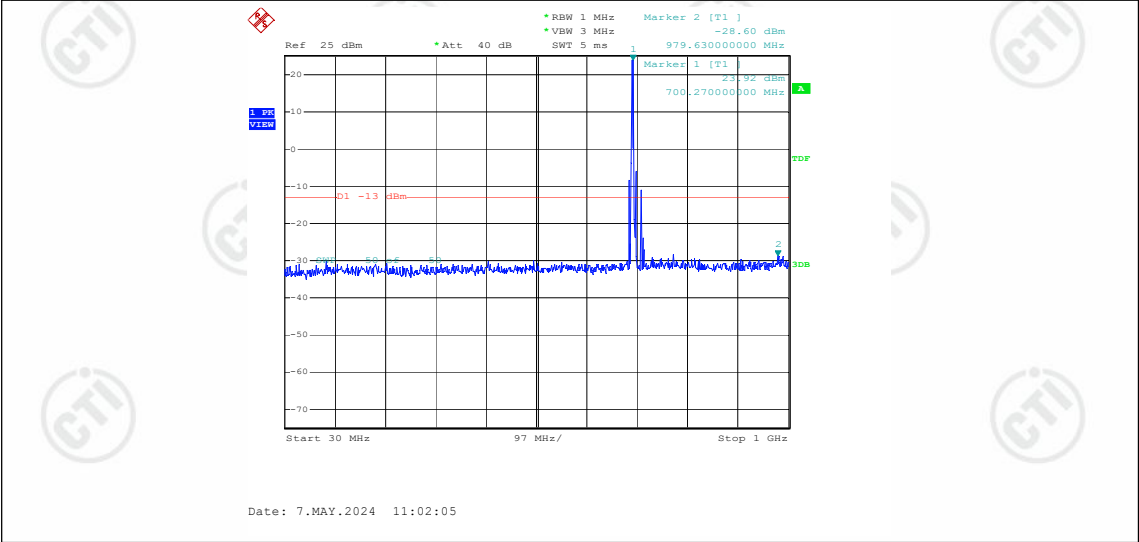
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



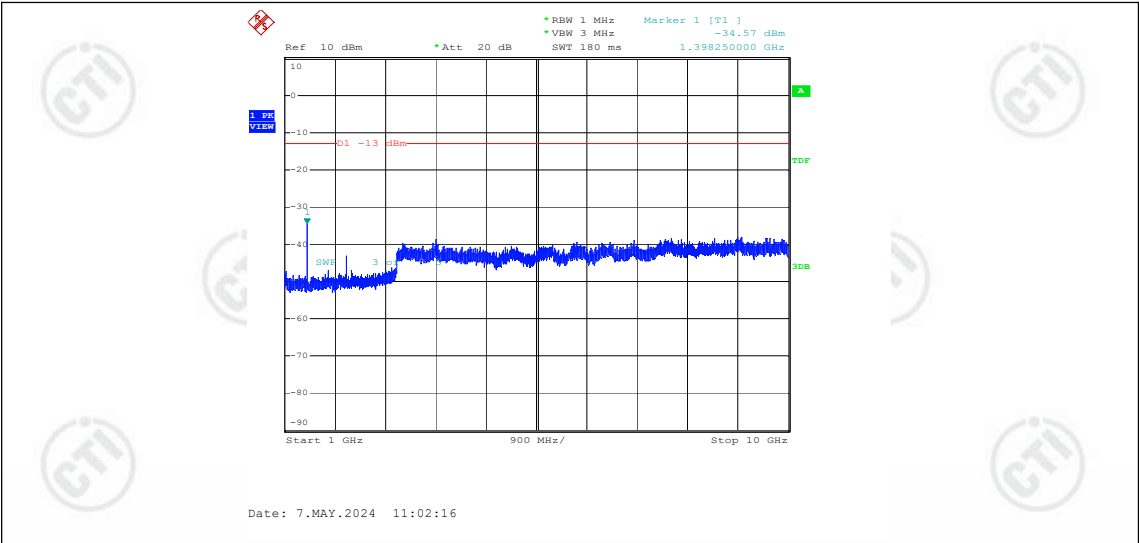
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



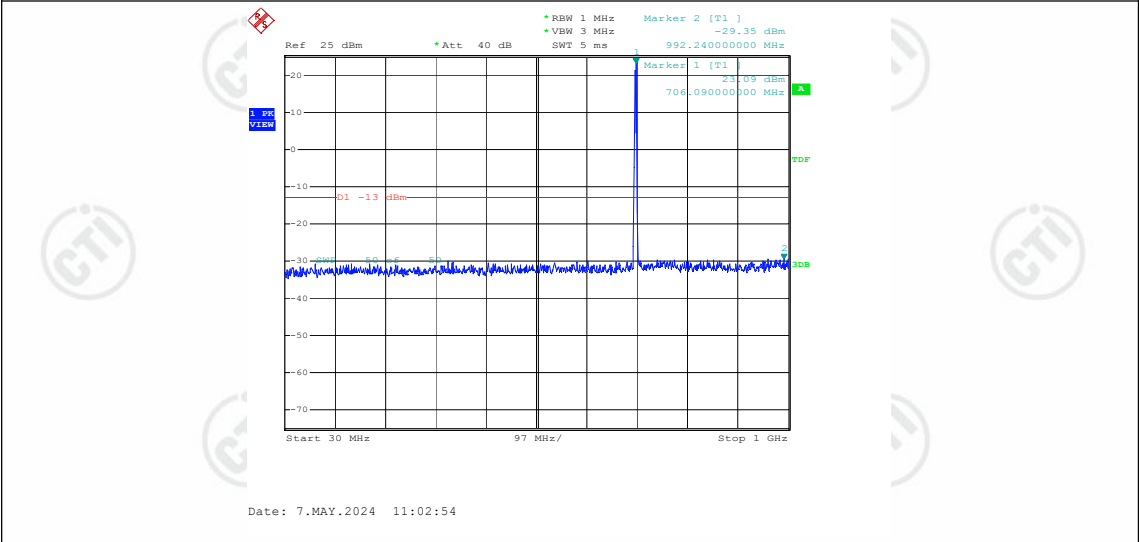
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



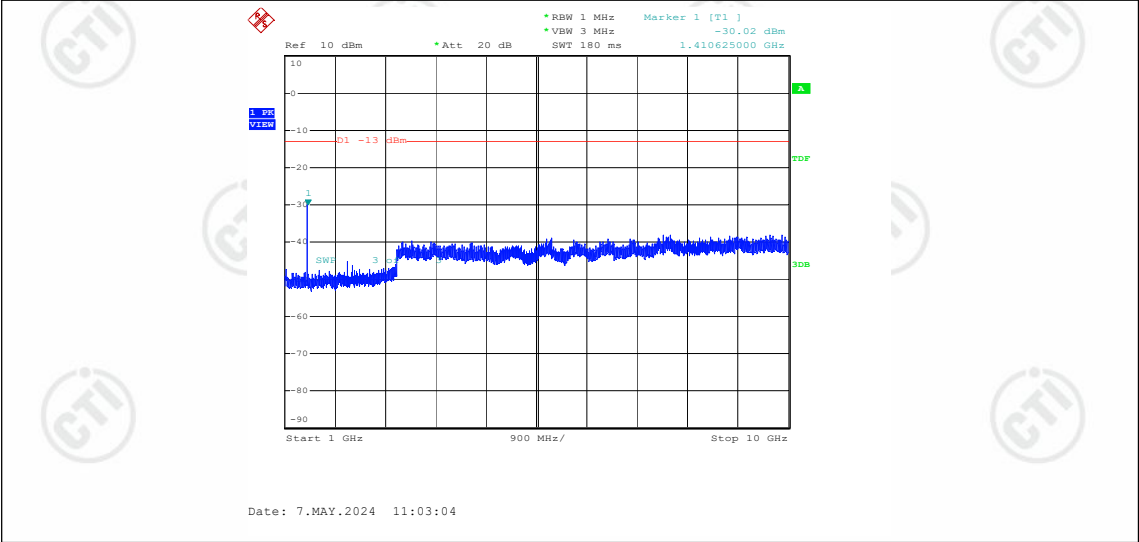
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



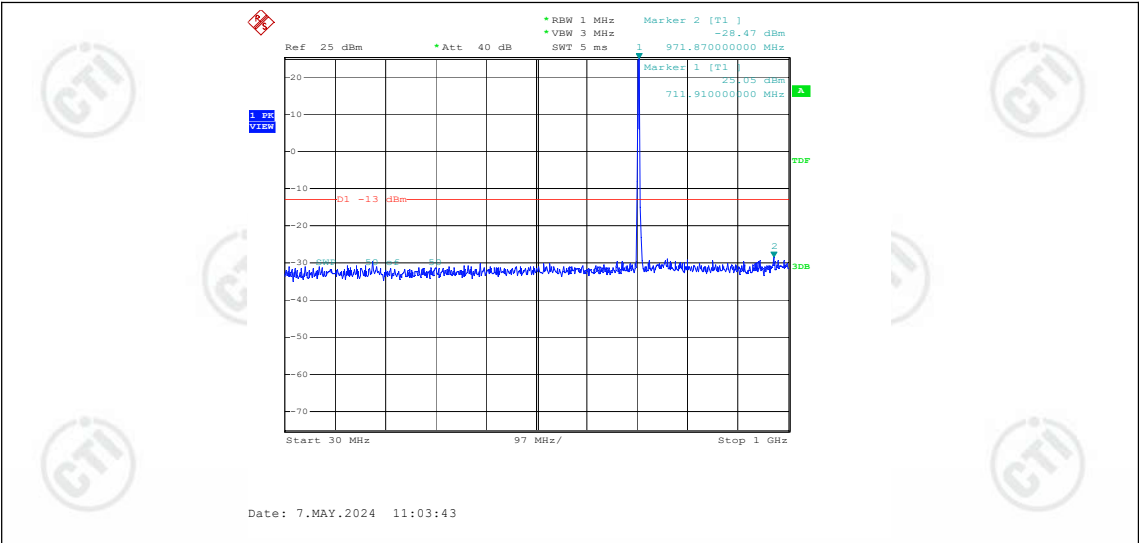
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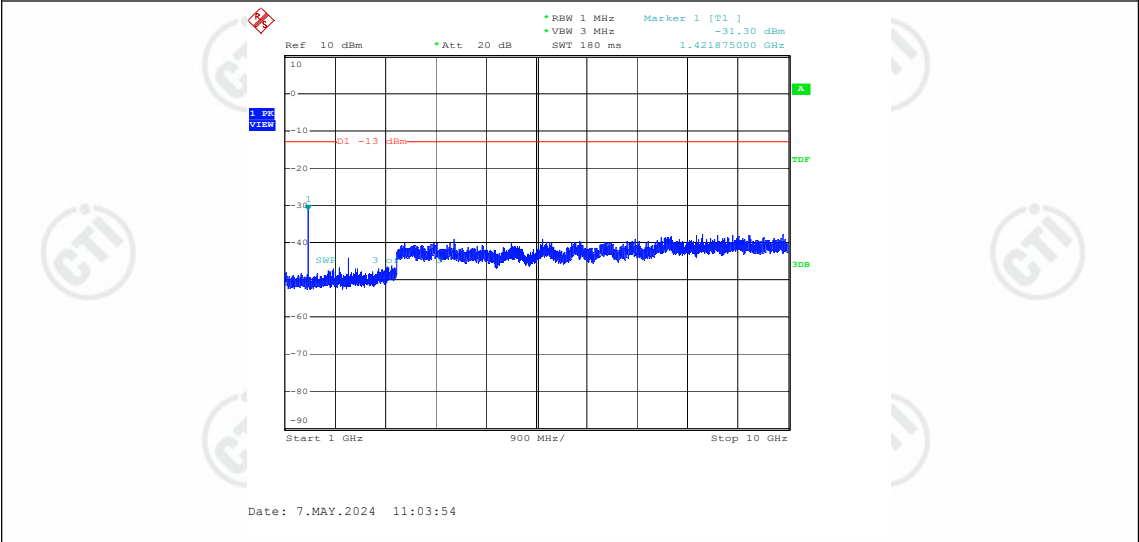
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



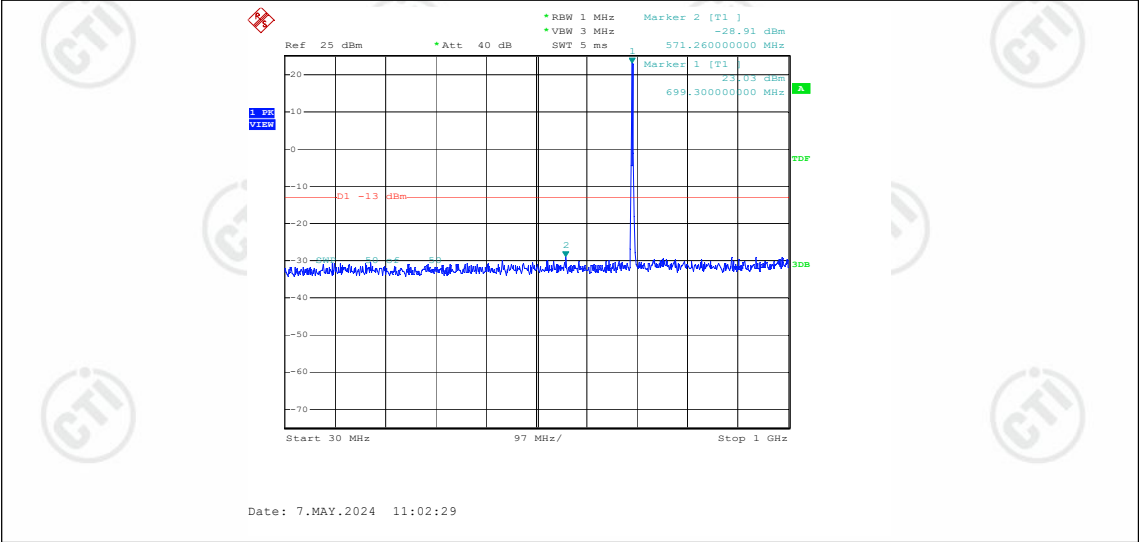
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



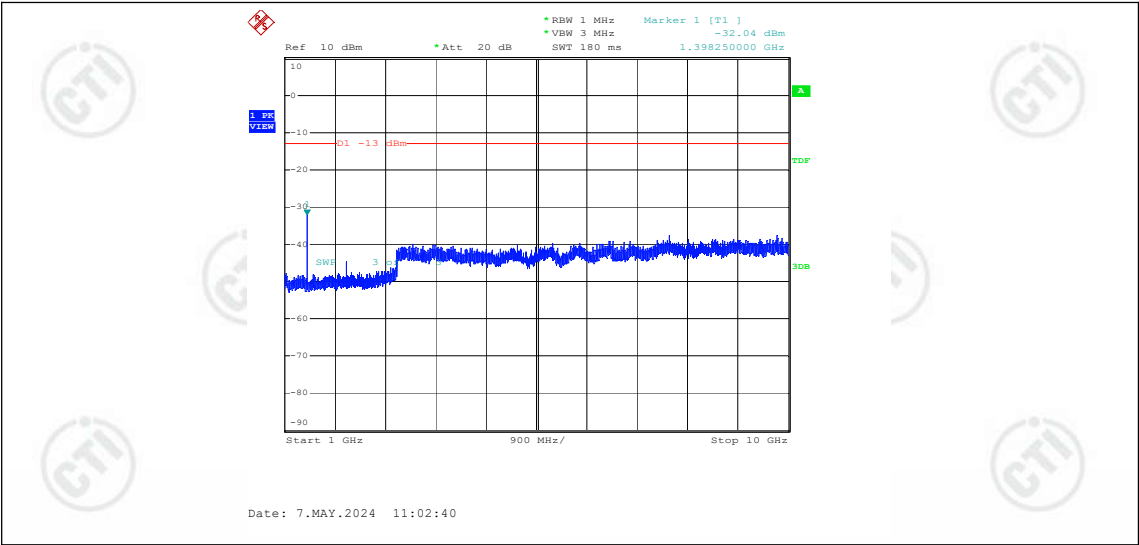
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



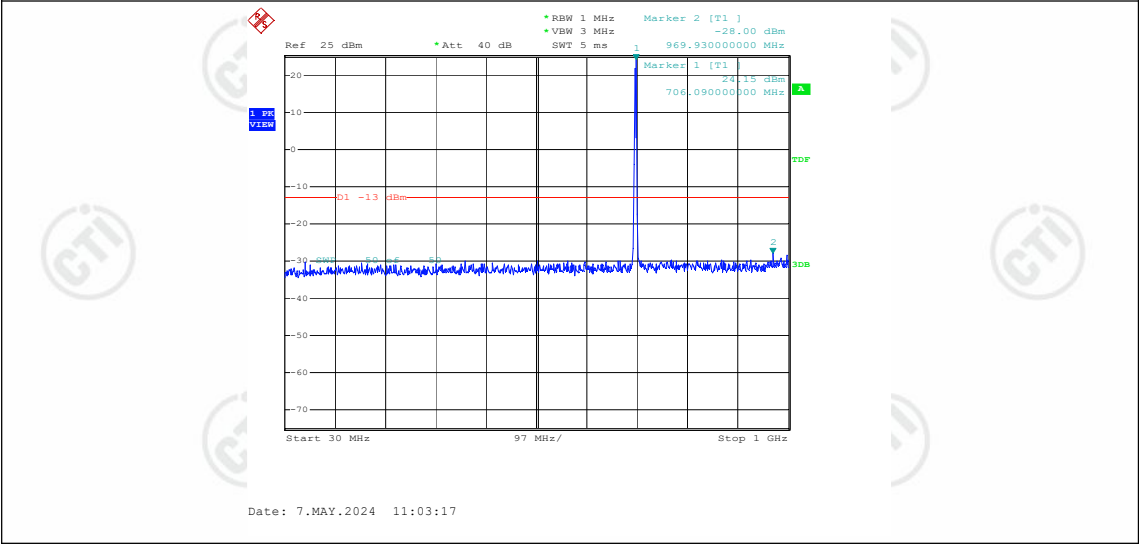
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



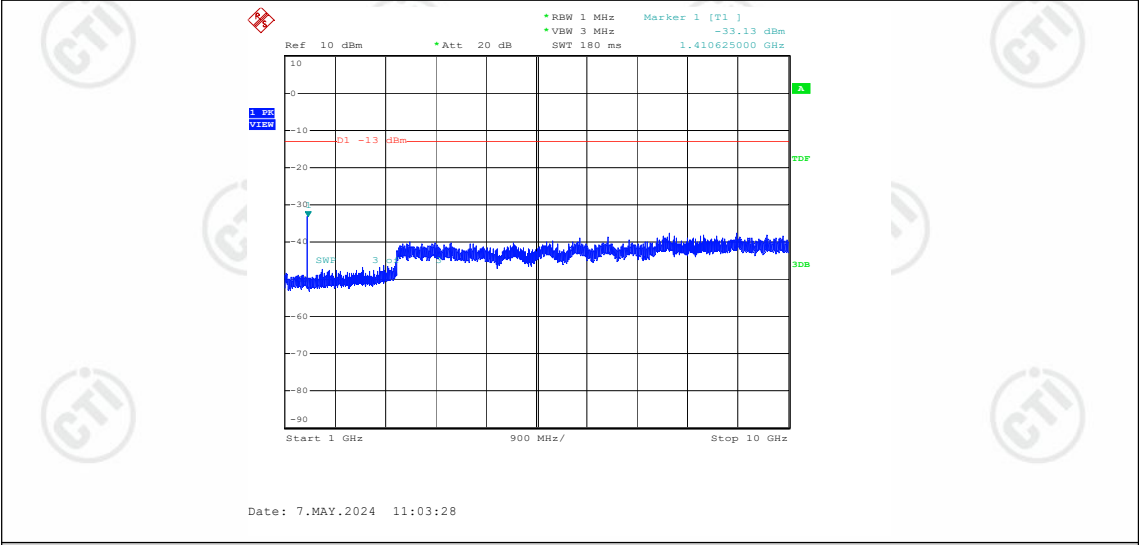
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



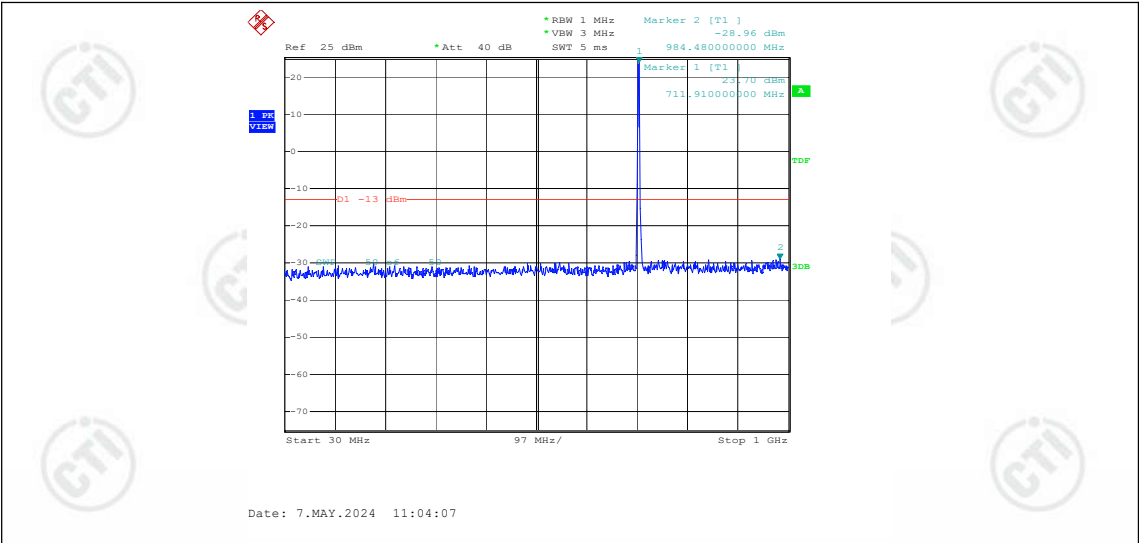
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



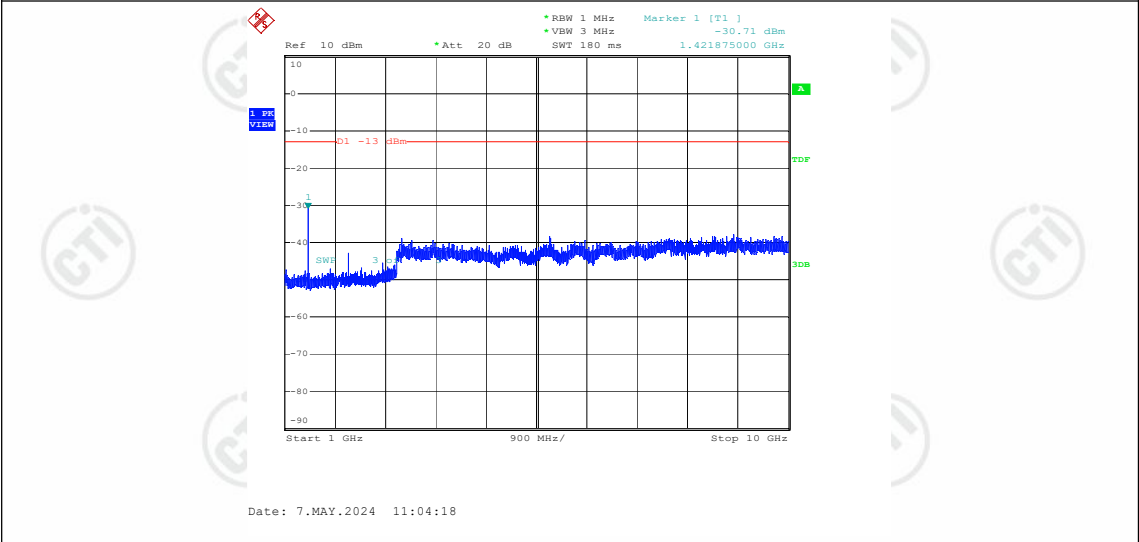
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



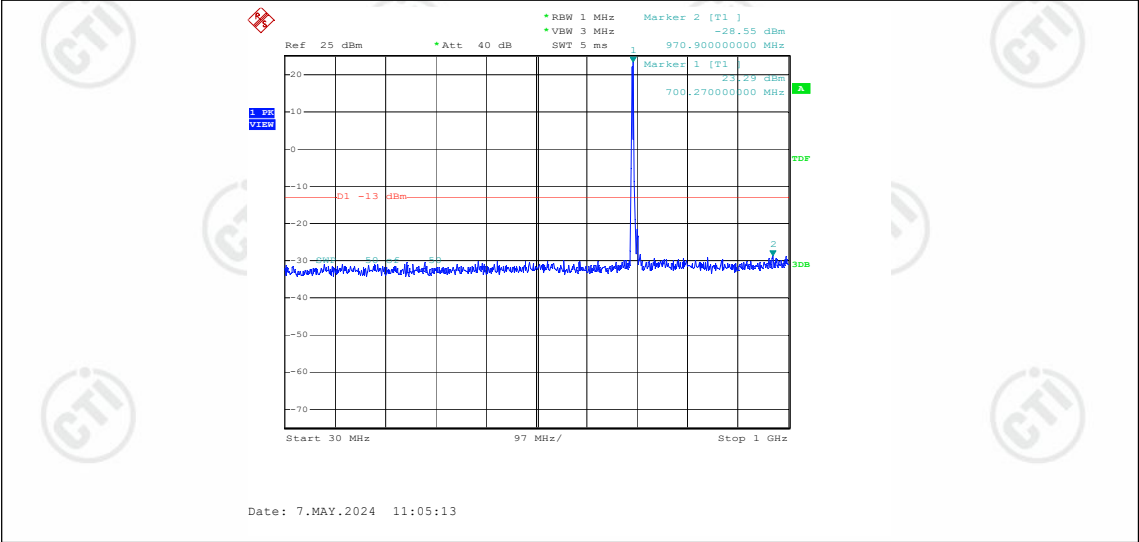
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



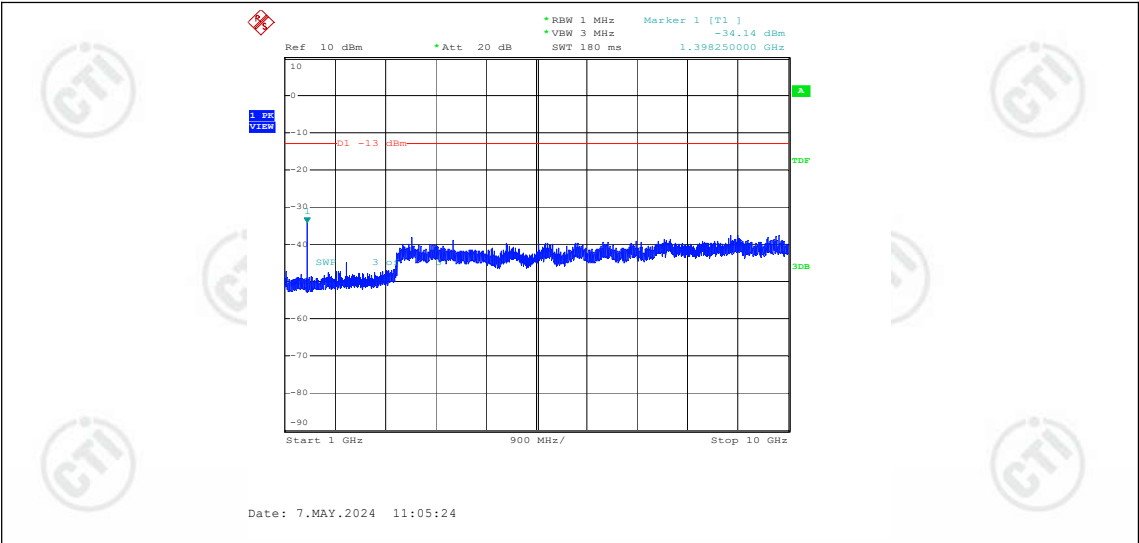
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



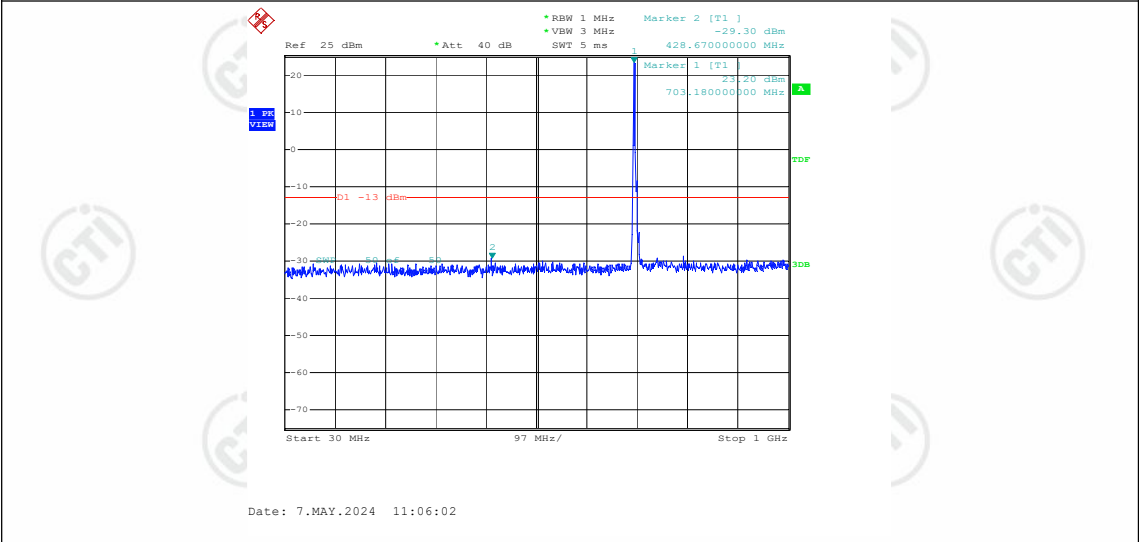
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



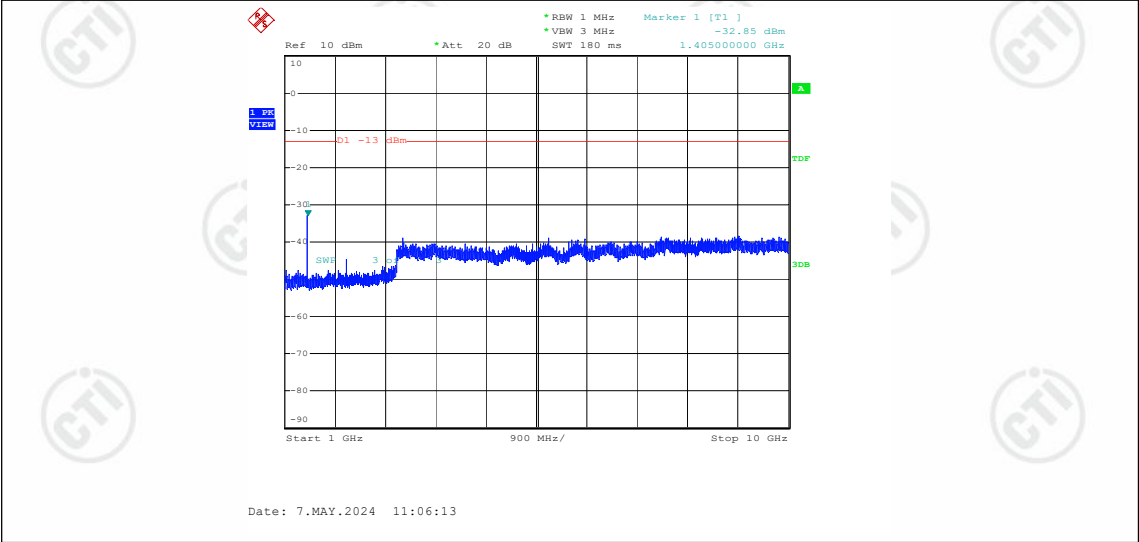
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



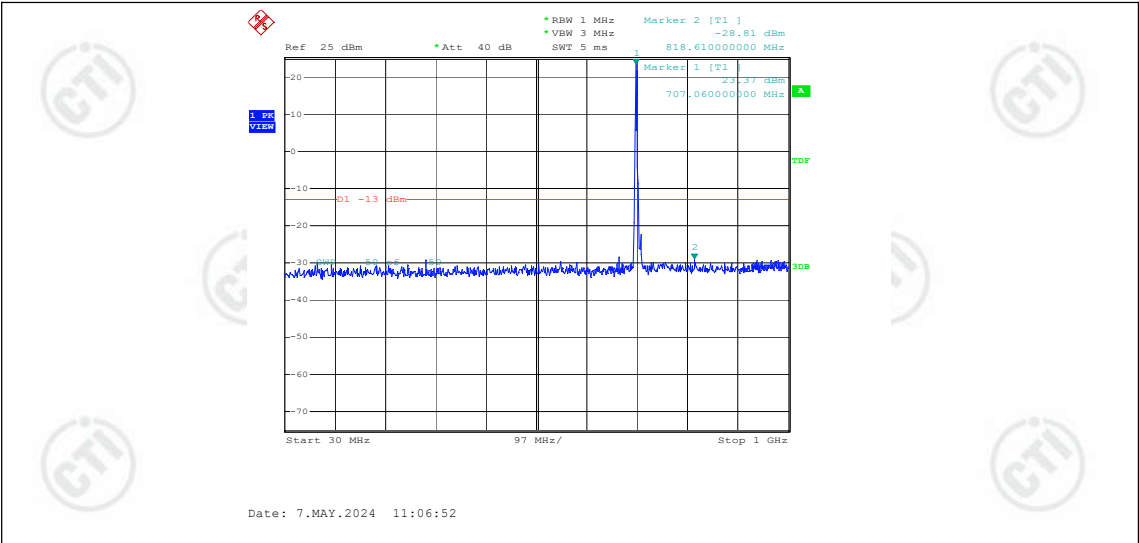
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



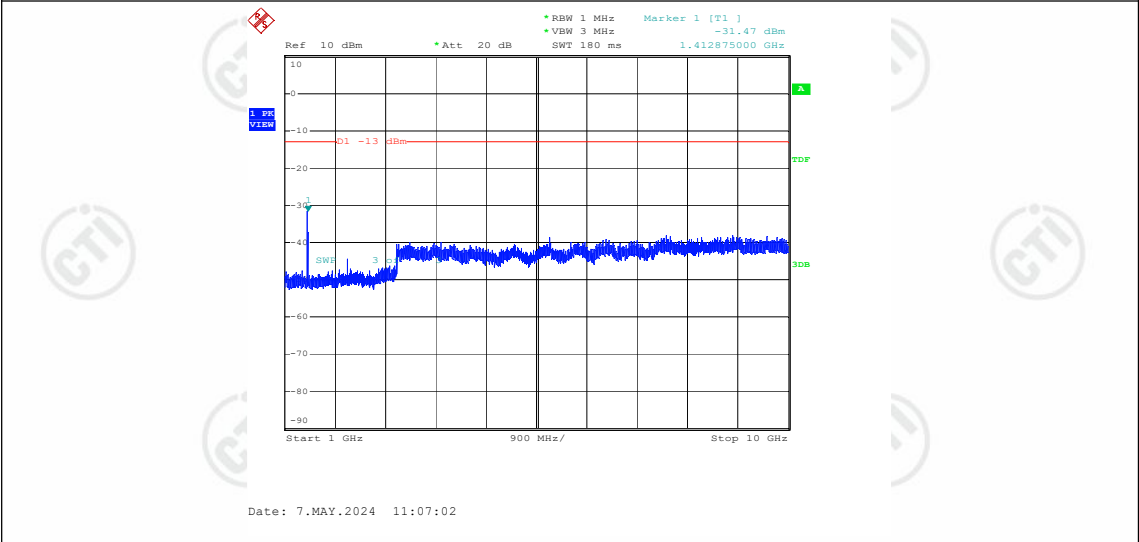
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



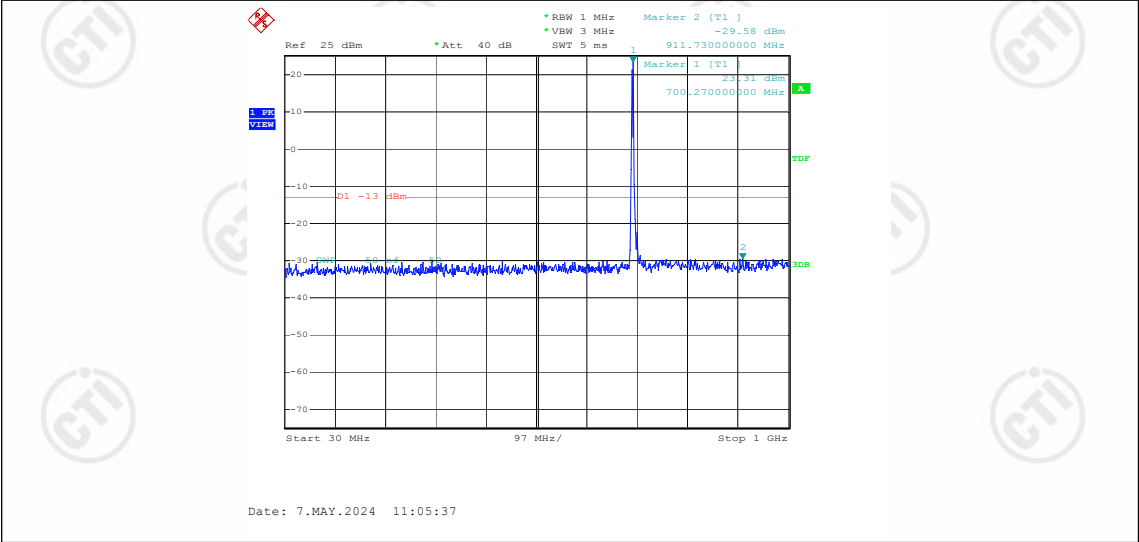
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



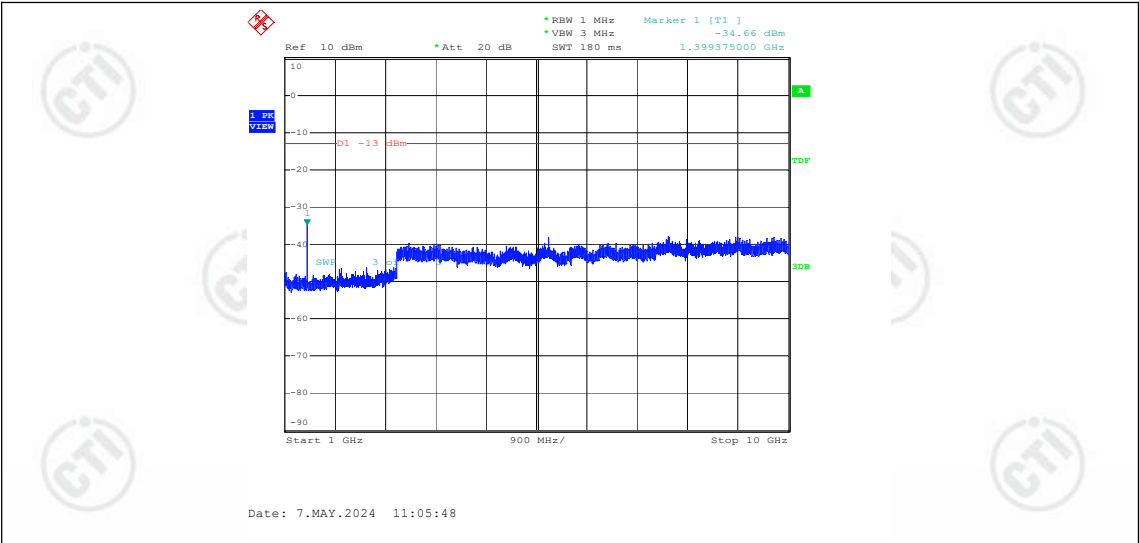
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



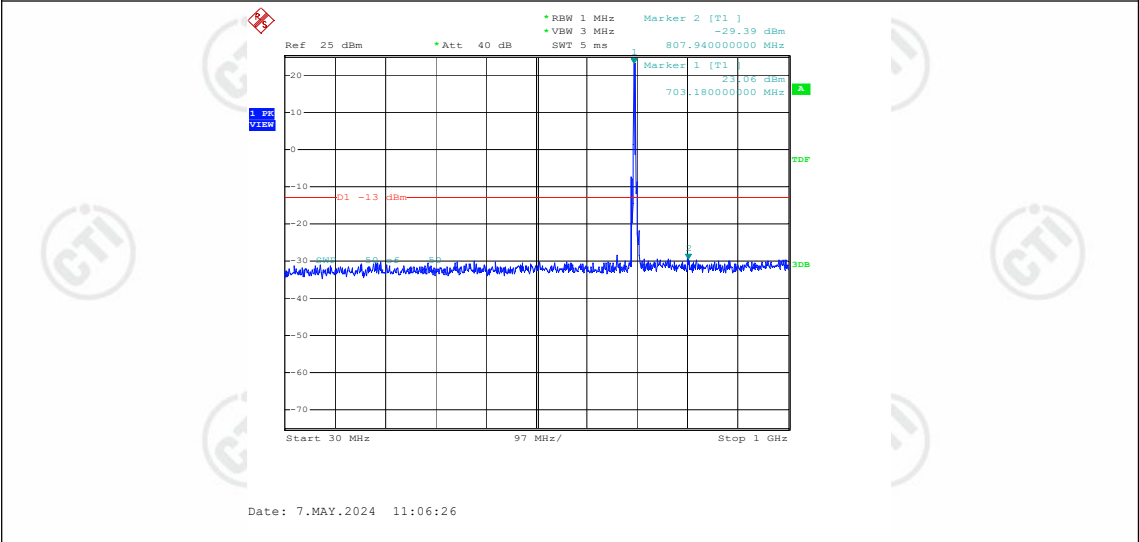
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



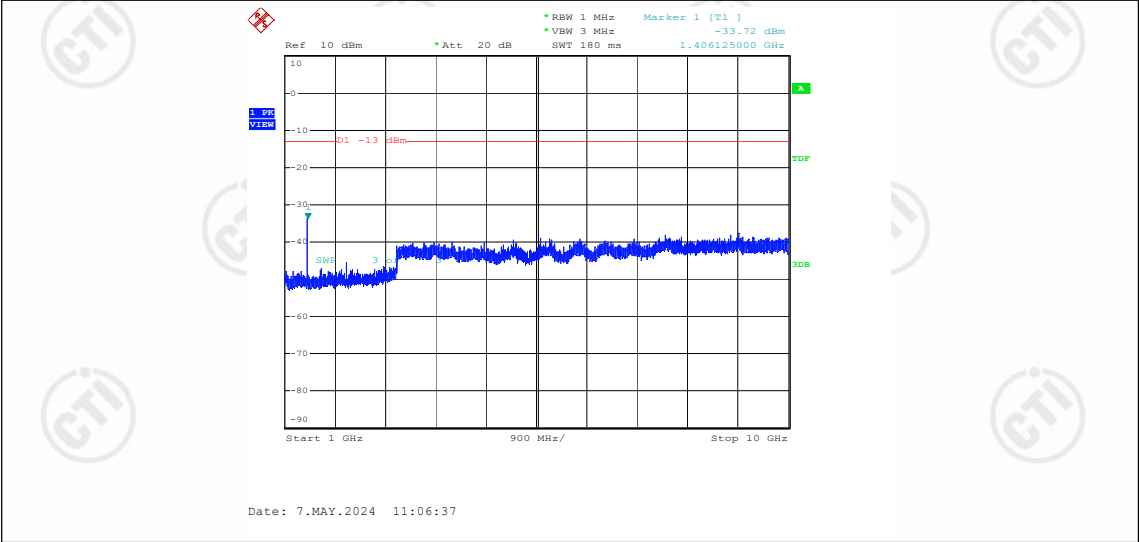
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



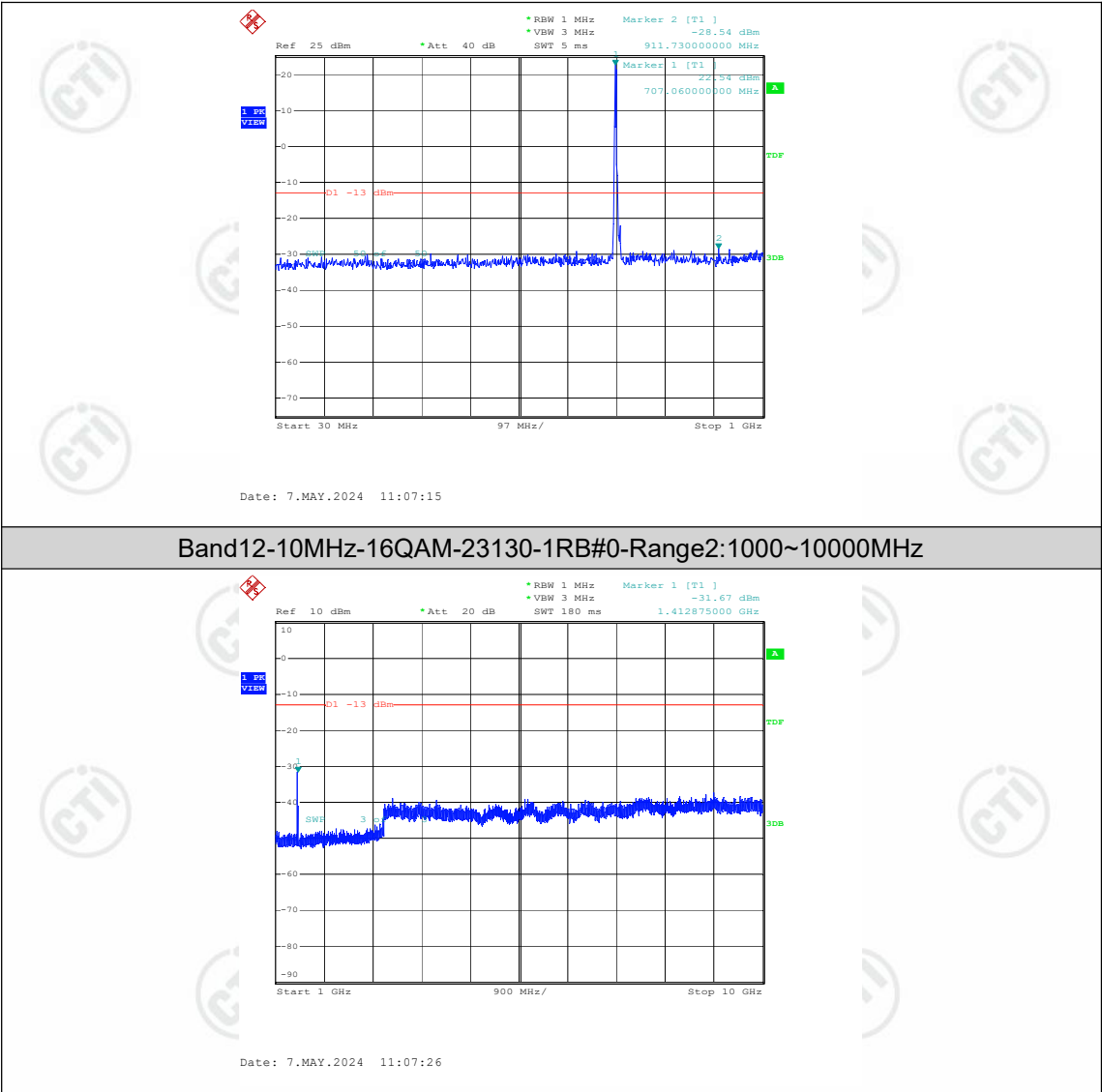
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-6.82	-0.009747	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-7.41	-0.010590	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-7.67	-0.010962	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-4.09	-0.005781	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-1.34	-0.001894	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-6.48	-0.009159	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-7.12	-0.009954	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-2.60	-0.003635	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-6.18	-0.008640	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-7.54	-0.010776	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-8.70	-0.012434	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-6.90	-0.009861	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-3.91	-0.005527	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-4.08	-0.005767	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-9.64	-0.013625	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-10.44	-0.014595	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-6.77	-0.009465	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-8.27	-0.011562	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-6.51	-0.009293	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-6.97	-0.009950	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-7.60	-0.010849	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-7.77	-0.010982	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-4.73	-0.006686	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-7.98	-0.011279	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-6.90	-0.009657	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	-3.40	-0.004759	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-6.48	-0.009069	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-8.41	-0.012006	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-11.54	-0.016474	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-6.65	-0.009493	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-9.38	-0.013258	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-3.39	-0.004792	±2.5	PASS

Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-8.20	-0.011590	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-9.71	-0.013590	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-9.47	-0.013254	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-8.34	-0.011672	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-8.77	-0.012502	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-8.67	-0.012359	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-5.44	-0.007755	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-7.07	-0.009993	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-6.91	-0.009767	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-9.74	-0.013767	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-5.09	-0.007134	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-4.31	-0.006041	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-6.51	-0.009124	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-9.90	-0.014113	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-7.20	-0.010264	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-10.73	-0.015296	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-8.78	-0.012410	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-9.80	-0.013852	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-8.63	-0.012198	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-7.94	-0.011128	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-8.93	-0.012516	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-7.27	-0.010189	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-5.35	-0.007599	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-3.48	-0.004943	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-2.73	-0.003878	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-6.49	-0.009173	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-9.30	-0.013145	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-6.52	-0.009216	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-9.36	-0.013165	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-6.79	-0.009550	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-9.93	-0.013966	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-5.02	-0.007131	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	-11.54	-0.016392	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-9.68	-0.013750	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-8.48	-0.011986	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-9.83	-0.013894	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-12.16	-0.017187	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-7.38	-0.010380	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-5.24	-0.007370	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-9.53	-0.013404	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-30	-10.91	-0.015592	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-20	-9.98	-0.014263	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	0	-7.12	-0.010176	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	10	-8.25	-0.011791	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	20	-8.45	-0.012077	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-9.44	-0.013343	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-8.05	-0.011378	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	0	-6.71	-0.009484	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	10	-4.22	-0.005965	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	20	-4.79	-0.006770	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-30	-8.84	-0.012358	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	-9.78	-0.013673	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	-8.94	-0.012498	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	-7.44	-0.010401	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	-6.12	-0.008556	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-7.70	-0.011005	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-7.30	-0.010433	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	-10.33	-0.014763	±2.5	PASS

Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	-11.14	-0.015921	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-7.60	-0.010862	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	-7.98	-0.011279	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-4.28	-0.006049	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-7.08	-0.010007	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-7.47	-0.010558	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	-9.86	-0.013936	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	-8.70	-0.012163	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-6.97	-0.009744	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-7.62	-0.010653	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-5.64	-0.007885	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-8.08	-0.011296	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-9.80	-0.013990	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-4.06	-0.005796	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-4.78	-0.006824	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-9.48	-0.013533	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	-6.14	-0.008765	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-4.73	-0.006686	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	-7.84	-0.011081	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-6.75	-0.009541	±2.5	PASS
Band1	3MHz	QPSK	23095	15RB#0	NV	10	-10.11	-0.014290	±2.5	PASS

2										
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	-8.34	-0.011788	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	-7.50	-0.010497	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	-8.61	-0.012050	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	-11.44	-0.016011	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	-9.30	-0.013016	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	-9.76	-0.013660	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	-1.95	-0.002784	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-5.42	-0.007737	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-10.36	-0.014789	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-13.36	-0.019072	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-11.10	-0.015846	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	-9.63	-0.013611	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	-5.48	-0.007746	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	-4.09	-0.005781	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	-4.53	-0.006403	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	-3.91	-0.005527	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-7.52	-0.010525	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	-4.13	-0.005780	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	-10.34	-0.014472	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	-9.17	-0.012834	±2.5	PASS

Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	-6.57	-0.009195	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-9.91	-0.014127	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	-8.65	-0.012331	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	-10.17	-0.014498	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	-11.27	-0.016066	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	-5.06	-0.007213	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	-4.86	-0.006869	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	-10.94	-0.015463	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	-10.81	-0.015279	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-5.31	-0.007505	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	-7.77	-0.010982	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	-9.10	-0.012754	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	-7.37	-0.010329	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	-11.46	-0.016062	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	-3.62	-0.005074	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	-7.37	-0.010329	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	-8.35	-0.011903	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	-8.60	-0.012259	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-7.87	-0.011219	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-11.72	-0.016707	±2.5	PASS
Band1	5MHz	16QAM	23035	25RB#0	NV	20	-9.90	-0.014113	±2.5	PASS

2										
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	-3.05	-0.004311	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	-2.89	-0.004085	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-3.06	-0.004325	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-3.92	-0.005541	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	-2.69	-0.003802	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	-7.28	-0.010203	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	-9.47	-0.013273	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	-9.61	-0.013469	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-11.52	-0.016146	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-9.01	-0.012628	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	-2.66	-0.003778	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-1.82	-0.002585	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-6.68	-0.009489	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-7.51	-0.010668	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-5.91	-0.008395	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	-8.25	-0.011661	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-5.92	-0.008367	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-10.14	-0.014332	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	-10.71	-0.015138	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-5.81	-0.008212	±2.5	PASS

Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-10.41	-0.014641	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-6.37	-0.008959	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-7.32	-0.010295	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-9.28	-0.013052	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-10.67	-0.015007	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	-7.50	-0.010653	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	-8.63	-0.012259	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	-6.64	-0.009432	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	-5.74	-0.008153	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	-6.28	-0.008920	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	-6.08	-0.008594	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	-6.07	-0.008580	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	-6.42	-0.009074	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	-4.55	-0.006431	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-10.60	-0.014982	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-6.75	-0.009494	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-11.32	-0.015921	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-10.00	-0.014065	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	-9.74	-0.013699	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-12.04	-0.016934	±2.5	PASS

*** End of Report ***