

Appendix for LTE B12

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1 Appendix A: Effective Radiated Result Output Data**1.1 Test Result**

Ant13

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.6	16.15	50	PASS
Band12	1.4MHz	QPSK	23017	1RB#3	23.83	16.38	50	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.7	16.25	50	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.72	16.27	50	PASS
Band12	1.4MHz	QPSK	23017	3RB#2	23.65	16.20	50	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.67	16.22	50	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.7	15.25	50	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.72	16.27	50	PASS
Band12	1.4MHz	QPSK	23095	1RB#3	23.75	16.30	50	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.58	16.13	50	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.72	16.27	50	PASS
Band12	1.4MHz	QPSK	23095	3RB#2	23.66	16.21	50	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.71	16.26	50	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.61	15.16	50	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.62	16.17	50	PASS
Band12	1.4MHz	QPSK	23173	1RB#3	23.58	16.13	50	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.77	16.32	50	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.73	16.28	50	PASS
Band12	1.4MHz	QPSK	23173	3RB#2	23.66	16.21	50	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.72	16.27	50	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.68	15.23	50	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.72	15.27	50	PASS
Band12	1.4MHz	16QAM	23017	1RB#3	23.01	15.56	50	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.06	15.61	50	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.89	15.44	50	PASS
Band12	1.4MHz	16QAM	23017	3RB#2	22.85	15.40	50	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.77	15.32	50	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.54	14.09	50	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.02	15.57	50	PASS
Band12	1.4MHz	16QAM	23095	1RB#3	23.07	15.62	50	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.02	15.57	50	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.64	15.19	50	PASS
Band12	1.4MHz	16QAM	23095	3RB#2	23.0	15.55	50	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.9	15.45	50	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.47	14.02	50	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.58	15.13	50	PASS
Band12	1.4MHz	16QAM	23173	1RB#3	22.71	15.26	50	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.91	15.46	50	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.57	15.12	50	PASS
Band12	1.4MHz	16QAM	23173	3RB#2	22.47	15.02	50	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.78	15.33	50	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.69	14.24	50	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.07	14.62	50	PASS
Band12	1.4MHz	64QAM	23017	1RB#3	21.88	14.43	50	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.0	14.55	50	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.96	14.51	50	PASS
Band12	1.4MHz	64QAM	23017	3RB#2	21.57	14.12	50	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	22.02	14.57	50	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.96	13.51	50	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.38	13.93	50	PASS
Band12	1.4MHz	64QAM	23095	1RB#3	21.79	14.34	50	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.12	14.67	50	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.75	14.30	50	PASS
Band12	1.4MHz	64QAM	23095	3RB#2	21.88	14.43	50	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.82	14.37	50	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.65	13.20	50	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.49	14.04	50	PASS
Band12	1.4MHz	64QAM	23173	1RB#3	21.7	14.25	50	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.54	14.09	50	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.74	14.29	50	PASS
Band12	1.4MHz	64QAM	23173	3RB#2	21.81	14.36	50	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.59	14.14	50	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.63	13.18	50	PASS

Band12	3MHz	QPSK	23025	1RB#0	23.65	16.20	50	PASS
Band12	3MHz	QPSK	23025	1RB#7	23.84	16.39	50	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.72	16.27	50	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.79	15.34	50	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.81	15.36	50	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.76	15.31	50	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.74	15.29	50	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.55	16.10	50	PASS
Band12	3MHz	QPSK	23095	1RB#7	23.73	16.28	50	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.65	16.20	50	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.74	15.29	50	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.68	15.23	50	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.72	15.27	50	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.65	15.20	50	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.73	16.28	50	PASS
Band12	3MHz	QPSK	23165	1RB#7	23.64	16.19	50	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.58	16.13	50	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.7	15.25	50	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.72	15.27	50	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.67	15.22	50	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.66	15.21	50	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.88	15.43	50	PASS
Band12	3MHz	16QAM	23025	1RB#7	22.5	15.05	50	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.93	15.48	50	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.77	14.32	50	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.87	14.42	50	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.74	14.29	50	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.79	14.34	50	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.71	15.26	50	PASS
Band12	3MHz	16QAM	23095	1RB#7	22.97	15.52	50	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.6	15.15	50	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.6	14.15	50	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.77	14.32	50	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.79	14.34	50	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.61	14.16	50	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.26	15.81	50	PASS
Band12	3MHz	16QAM	23165	1RB#7	22.67	15.22	50	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.67	15.22	50	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.58	14.13	50	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.91	14.46	50	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.67	14.22	50	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.67	14.22	50	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.78	14.33	50	PASS
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Band12	3MHz	64QAM	23025	1RB#14	21.93	14.48	50	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.91	13.46	50	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.94	13.49	50	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.82	13.37	50	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.79	13.34	50	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.96	14.51	50	PASS
Band12	3MHz	64QAM	23095	1RB#7	21.54	14.09	50	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.89	14.44	50	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.69	13.24	50	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.85	13.40	50	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.81	13.36	50	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.75	13.30	50	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.35	13.90	50	PASS
Band12	3MHz	64QAM	23165	1RB#7	22.2	14.75	50	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.8	14.35	50	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.73	13.28	50	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.89	13.44	50	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.77	13.32	50	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.63	13.18	50	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.67	16.22	50	PASS
Band12	5MHz	QPSK	23035	1RB#13	23.83	16.38	50	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.85	16.40	50	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.76	15.31	50	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.78	15.33	50	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.75	15.30	50	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.74	15.29	50	PASS

Band12	5MHz	QPSK	23095	1RB#0	23.6	16.15	50	PASS
Band12	5MHz	QPSK	23095	1RB#13	23.7	16.25	50	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.54	16.09	50	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.73	15.28	50	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.75	15.30	50	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.76	15.31	50	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.68	15.23	50	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.61	16.16	50	PASS
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Band12	5MHz	QPSK	23155	12RB#13	22.66	15.21	50	PASS
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Band12	5MHz	16QAM	23035	1RB#0	23.0	15.55	50	PASS
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Band12	5MHz	16QAM	23035	12RB#0	21.94	14.49	50	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.74	14.29	50	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.74	14.29	50	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.83	14.38	50	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.93	15.48	50	PASS
Band12	5MHz	16QAM	23095	1RB#13	23.18	15.73	50	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.95	15.50	50	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.72	14.27	50	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.65	14.20	50	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.83	14.38	50	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.64	14.19	50	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.86	15.41	50	PASS
Band12	5MHz	16QAM	23155	1RB#13	22.99	15.54	50	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.63	15.18	50	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.74	14.29	50	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.82	14.37	50	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.74	14.29	50	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.67	14.22	50	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.83	14.38	50	PASS
Band12	5MHz	64QAM	23035	1RB#13	22.11	14.66	50	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.98	14.53	50	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.75	13.30	50	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.93	13.48	50	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.81	13.36	50	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.74	13.29	50	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.74	14.29	50	PASS
Band12	5MHz	64QAM	23095	1RB#13	21.69	14.24	50	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.87	14.42	50	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.72	13.27	50	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.74	13.29	50	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.62	13.17	50	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.6	13.15	50	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.1	14.65	50	PASS
Band12	5MHz	64QAM	23155	1RB#13	22.13	14.68	50	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.05	14.60	50	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.74	13.29	50	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.6	13.15	50	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.74	13.29	50	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.67	13.22	50	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.68	16.23	50	PASS
Band12	10MHz	QPSK	23060	1RB#25	23.79	16.34	50	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.62	16.17	50	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.75	15.30	50	PASS
Band12	10MHz	QPSK	23060	25RB#13	22.78	15.33	50	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.81	15.36	50	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.77	15.32	50	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.85	16.40	50	PASS
Band12	10MHz	QPSK	23095	1RB#25	23.83	16.38	50	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.55	16.10	50	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.78	15.33	50	PASS
Band12	10MHz	QPSK	23095	25RB#13	22.77	15.32	50	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.76	15.31	50	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.77	15.32	50	PASS

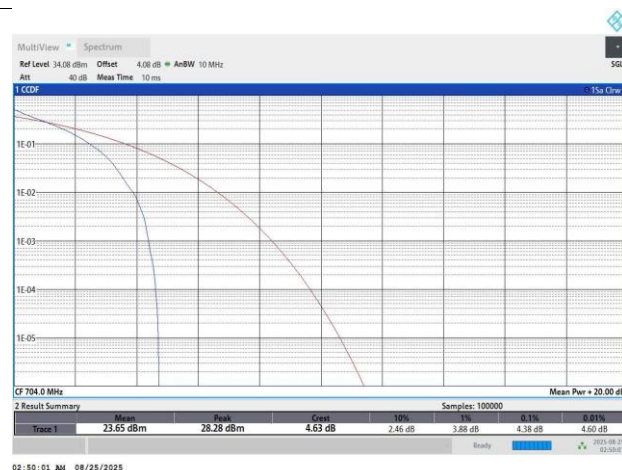
Band12	10MHz	QPSK	23130	1RB#0	23.83	16.38	50	PASS
Band12	10MHz	QPSK	23130	1RB#25	23.72	16.27	50	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.57	16.12	50	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.71	15.26	50	PASS
Band12	10MHz	QPSK	23130	25RB#13	22.87	15.42	50	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.71	15.26	50	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.85	15.40	50	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.13	15.68	50	PASS
Band12	10MHz	16QAM	23060	1RB#25	22.96	15.51	50	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.95	15.50	50	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.75	14.30	50	PASS
Band12	10MHz	16QAM	23060	25RB#13	21.86	14.41	50	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.72	14.27	50	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.82	14.37	50	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.79	15.34	50	PASS
Band12	10MHz	16QAM	23095	1RB#25	23.07	15.62	50	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.73	15.28	50	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.74	14.29	50	PASS
Band12	10MHz	16QAM	23095	25RB#13	21.7	14.25	50	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.85	14.40	50	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.71	14.26	50	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.62	15.17	50	PASS
Band12	10MHz	16QAM	23130	1RB#25	22.95	15.50	50	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.75	15.30	50	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.66	14.21	50	PASS
Band12	10MHz	16QAM	23130	25RB#13	21.8	14.35	50	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.76	14.31	50	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.79	14.34	50	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.17	14.72	50	PASS
Band12	10MHz	64QAM	23060	1RB#25	21.99	14.54	50	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.83	14.38	50	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.7	13.25	50	PASS
Band12	10MHz	64QAM	23060	25RB#13	20.9	13.45	50	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.79	13.34	50	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.84	13.39	50	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.05	14.60	50	PASS
Band12	10MHz	64QAM	23095	1RB#25	21.78	14.33	50	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.97	14.52	50	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.78	13.33	50	PASS
Band12	10MHz	64QAM	23095	25RB#13	20.87	13.42	50	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.73	13.28	50	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.68	13.23	50	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.18	14.73	50	PASS
Band12	10MHz	64QAM	23130	1RB#25	21.57	14.12	50	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.76	14.31	50	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.84	13.39	50	PASS
Band12	10MHz	64QAM	23130	25RB#13	20.85	13.40	50	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.73	13.28	50	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.78	13.33	50	PASS

2 Appendix B: Peak-to-Average Ratio

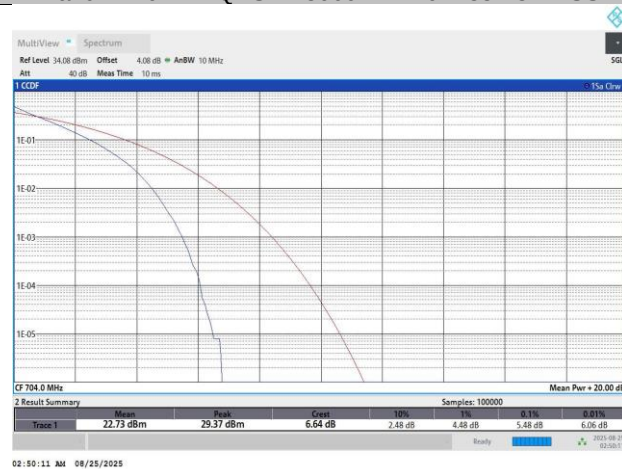
2.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	4.38	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.48	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.38	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.4	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.36	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.22	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.08	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.14	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.32	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.2	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.16	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.04	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	5.98	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.52	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	5.84	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.38	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	5.86	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.38	13	PASS

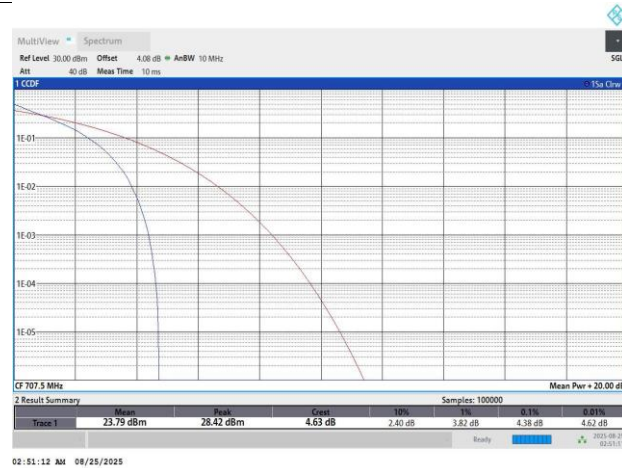
2.2 Test Plots



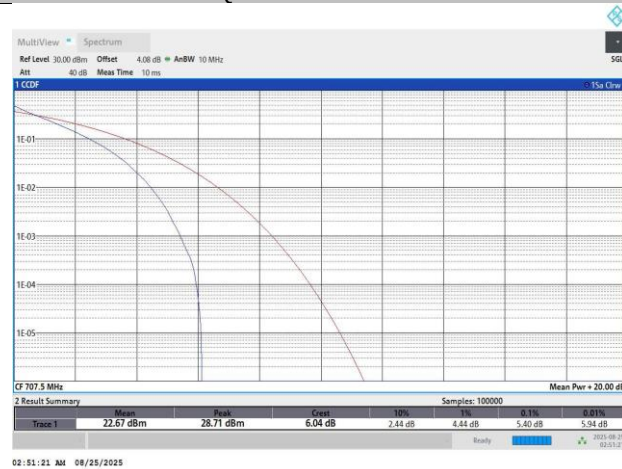
Band12-10MHz-QPSK-23060-1RB#0-4.38-13-PASS



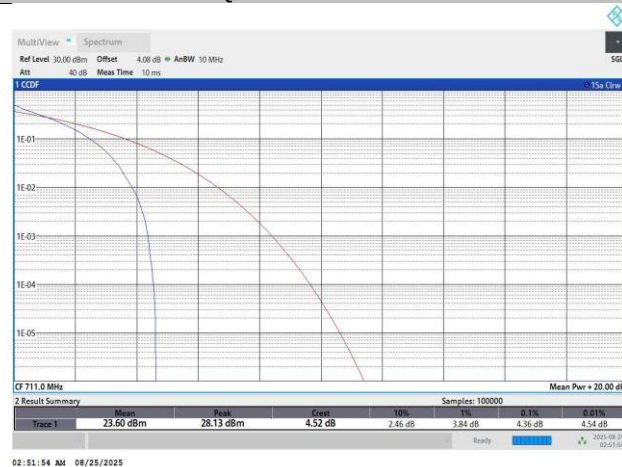
Band12-10MHz-QPSK-23060-50RB#0-5.48-13-PASS



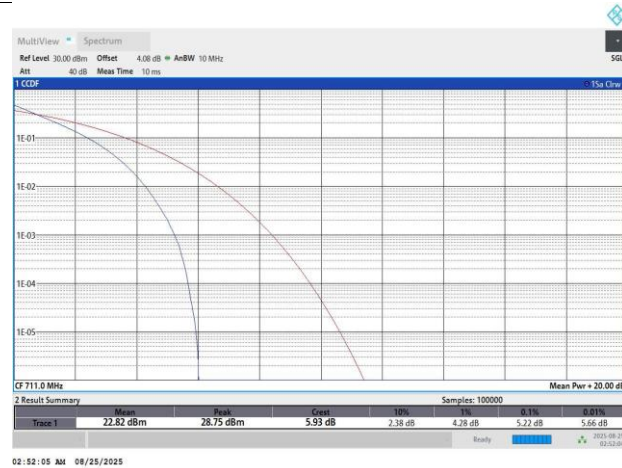
Band12-10MHz-QPSK-23095-1RB#0-4.38-13-PASS



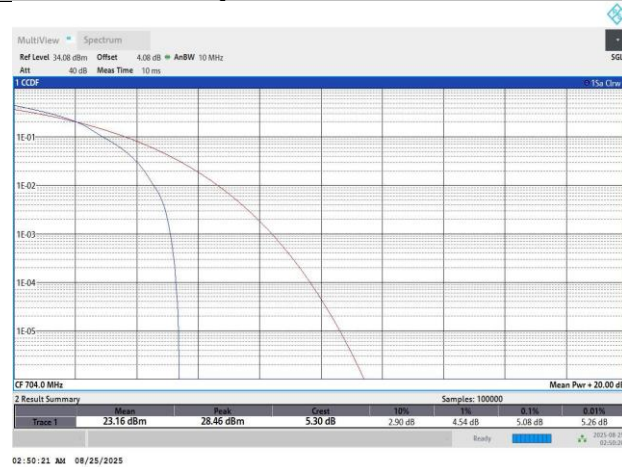
Band12-10MHz-QPSK-23095-50RB#0-5.4-13-PASS



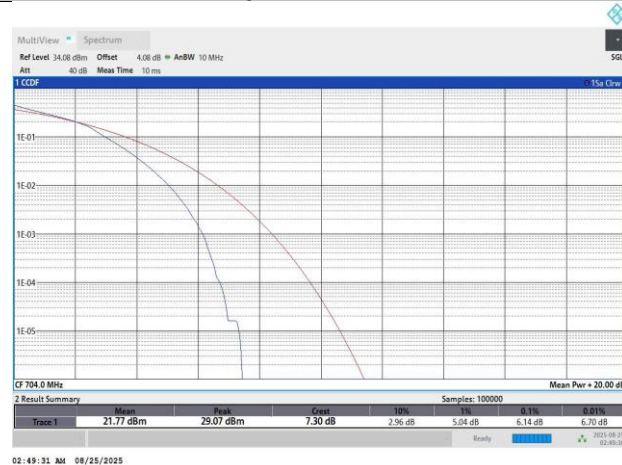
Band12-10MHz-QPSK-23130-1RB#0-4.36-13-PASS



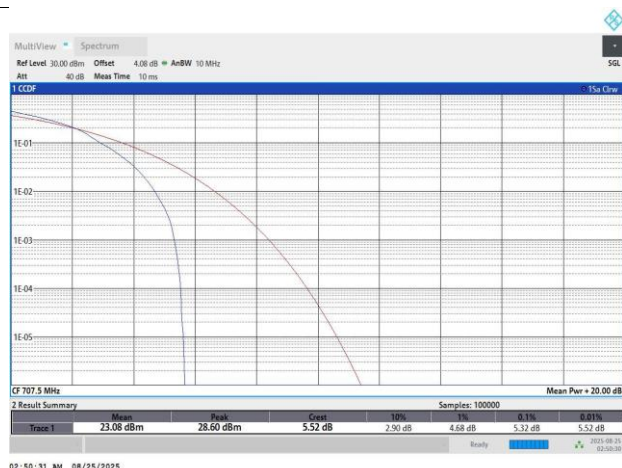
Band12-10MHz-QPSK-23130-50RB#0-5.22-13-PASS



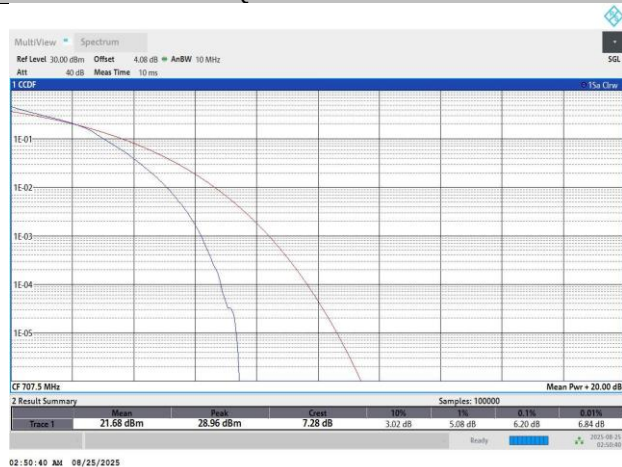
Band12-10MHz-16QAM-23060-1RB#0-5.08-13-PASS



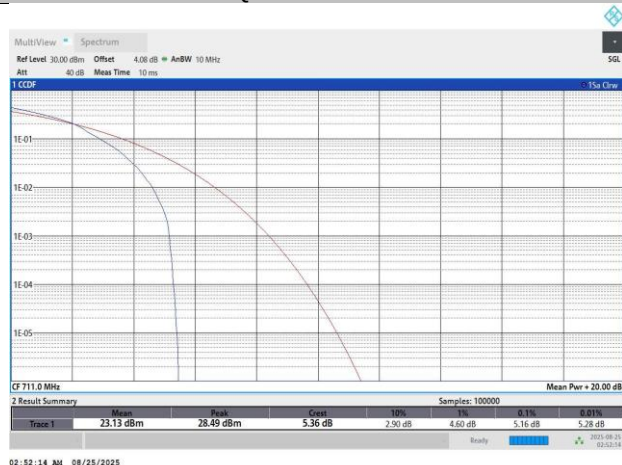
Band12-10MHz-16QAM-23060-50RB#0-6.14-13-PASS



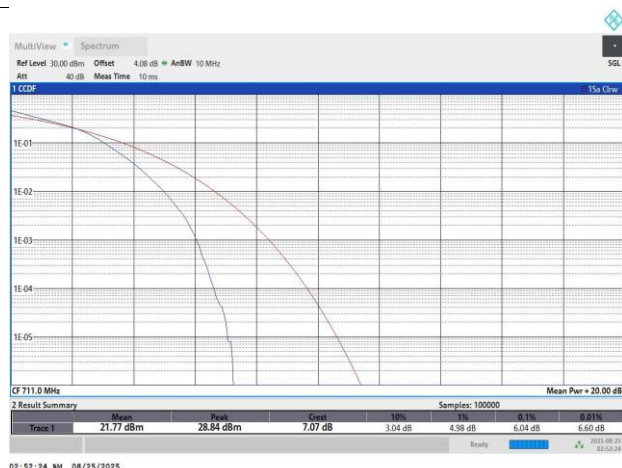
Band12-10MHz-16QAM-23095-1RB#0-5.32-13-PASS



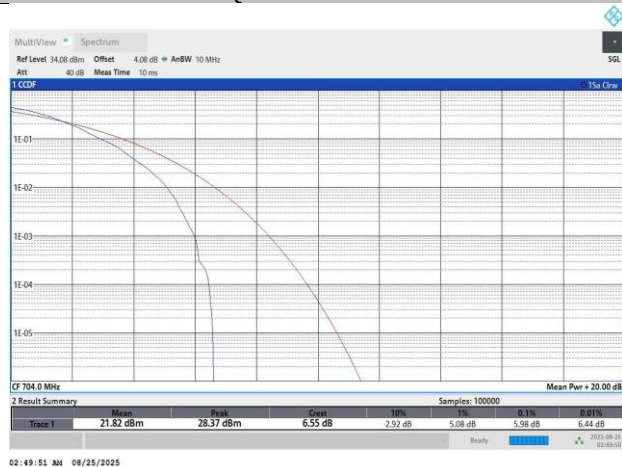
Band12-10MHz-16QAM-23095-50RB#0-6.2-13-PASS



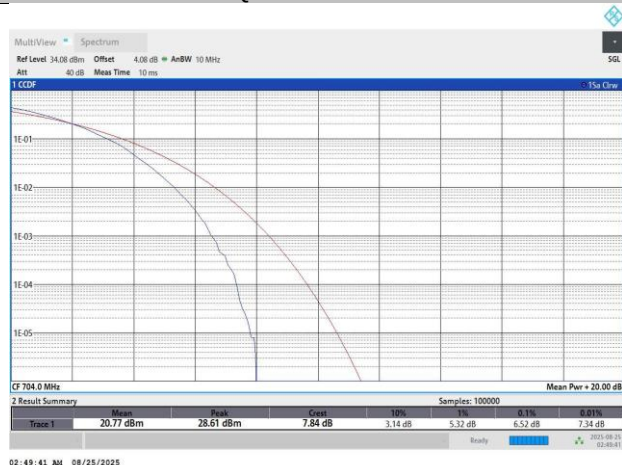
Band12-10MHz-16QAM-23130-1RB#0-5.16-13-PASS



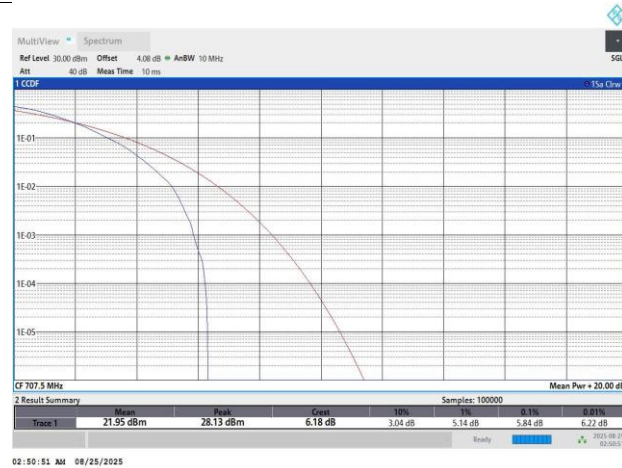
Band12-10MHz-16QAM-23130-50RB#0-6.04-13-PASS



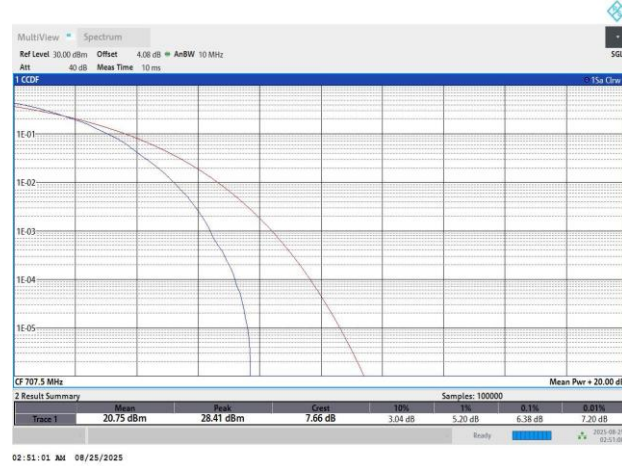
Band12-10MHz-64QAM-23060-1RB#0-5.98-13-PASS



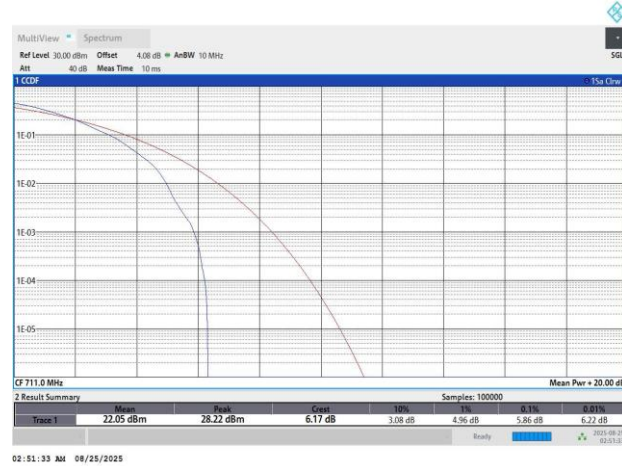
Band12-10MHz-64QAM-23060-50RB#0-6.52-13-PASS



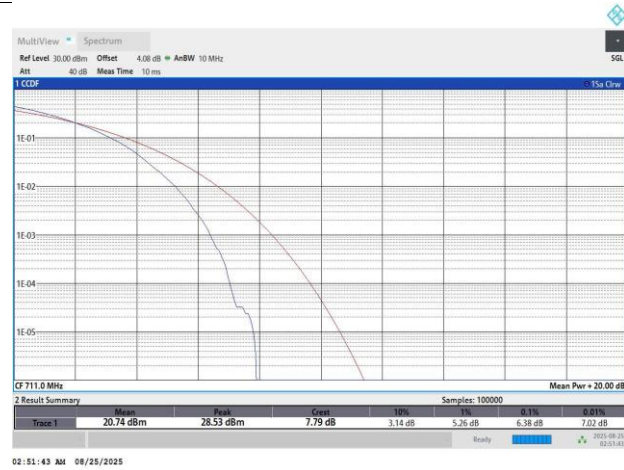
Band12-10MHz-64QAM-23095-1RB#0-5.84-13-PASS



Band12-10MHz-64QAM-23095-50RB#0-6.38-13-PASS



Band12-10MHz-64QAM-23130-1RB#0-5.86-13-PASS



Band12-10MHz-64QAM-23130-50RB#0-6.38-13-PASS

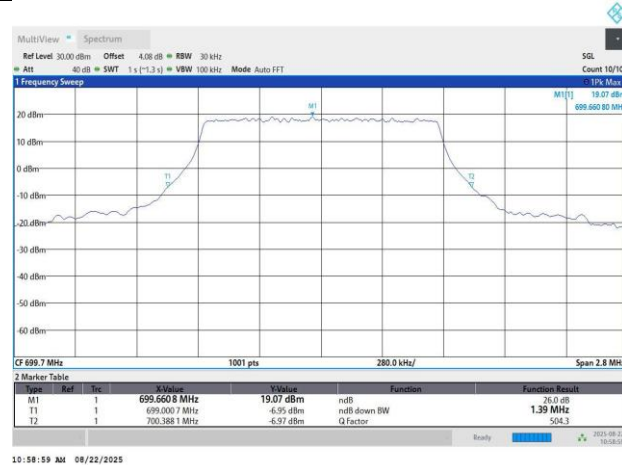
3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

3.1 Test Result

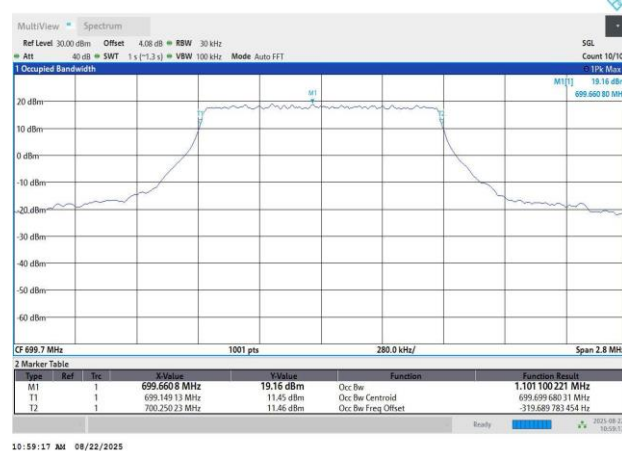
Band	Channel bandwidth	Modulation	Channel	RB Configure	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.1	1.39	See graph
Band12	1.4MHz	QPSK	23095	6RB#0	1.1	1.38	See graph
Band12	1.4MHz	QPSK	23173	6RB#0	1.11	1.42	See graph
Band12	1.4MHz	16QAM	23017	6RB#0	1.1	1.38	See graph
Band12	1.4MHz	16QAM	23095	6RB#0	1.11	1.39	See graph
Band12	1.4MHz	16QAM	23173	6RB#0	1.11	1.42	See graph
Band12	1.4MHz	64QAM	23017	6RB#0	1.11	1.38	See graph
Band12	1.4MHz	64QAM	23095	6RB#0	1.11	1.38	See graph
Band12	1.4MHz	64QAM	23173	6RB#0	1.11	1.39	See graph
Band12	3MHz	QPSK	23025	15RB#0	2.7	3.02	See graph
Band12	3MHz	QPSK	23095	15RB#0	2.71	3.03	See graph
Band12	3MHz	QPSK	23165	15RB#0	2.7	3.0	See graph
Band12	3MHz	16QAM	23025	15RB#0	2.7	3.03	See graph
Band12	3MHz	16QAM	23095	15RB#0	2.7	3.04	See graph
Band12	3MHz	16QAM	23165	15RB#0	2.7	3.03	See graph
Band12	3MHz	64QAM	23025	15RB#0	2.7	3.04	See graph
Band12	3MHz	64QAM	23095	15RB#0	2.7	3.05	See graph
Band12	3MHz	64QAM	23165	15RB#0	2.7	3.01	See graph
Band12	5MHz	QPSK	23035	25RB#0	4.51	5.17	See graph
Band12	5MHz	QPSK	23095	25RB#0	4.51	5.16	See graph
Band12	5MHz	QPSK	23155	25RB#0	4.51	5.16	See graph
Band12	5MHz	16QAM	23035	25RB#0	4.52	5.13	See graph
Band12	5MHz	16QAM	23095	25RB#0	4.51	5.14	See graph
Band12	5MHz	16QAM	23155	25RB#0	4.51	5.11	See graph
Band12	5MHz	64QAM	23035	25RB#0	4.51	5.16	See graph
Band12	5MHz	64QAM	23095	25RB#0	4.51	5.13	See graph
Band12	5MHz	64QAM	23155	25RB#0	4.52	5.09	See graph
Band12	10MHz	QPSK	23060	50RB#0	9.01	10.11	See graph
Band12	10MHz	QPSK	23095	50RB#0	9.0	10.13	See graph
Band12	10MHz	QPSK	23130	50RB#0	8.99	10.01	See graph
Band12	10MHz	16QAM	23060	50RB#0	9.01	10.03	See graph

Band12	10MHz	16QAM	23095	50RB#0	9.0	10.07	See graph
Band12	10MHz	16QAM	23130	50RB#0	9.0	10.11	See graph
Band12	10MHz	64QAM	23060	50RB#0	8.99	9.99	See graph
Band12	10MHz	64QAM	23095	50RB#0	9.0	10.03	See graph
Band12	10MHz	64QAM	23130	50RB#0	8.98	10.05	See graph

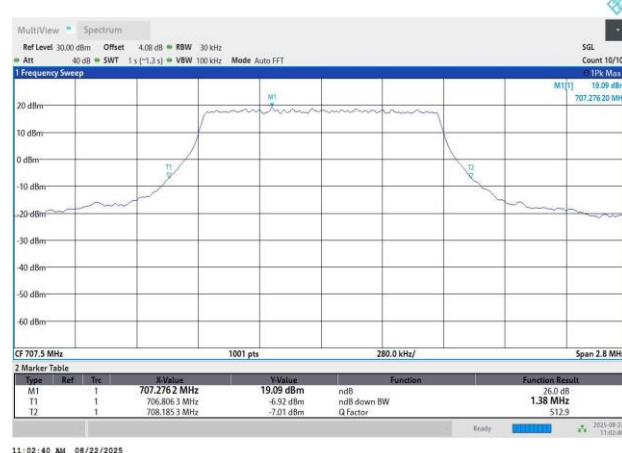
3.2 Test Plots



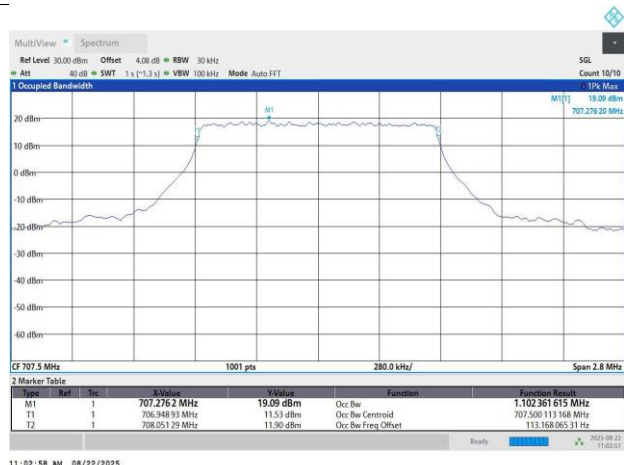
Band12-1.4MHz-QPSK-23017-6RB#0-1.1-1.39



Band12-1.4MHz-QPSK-23017-6RB#0-1.1-1.39



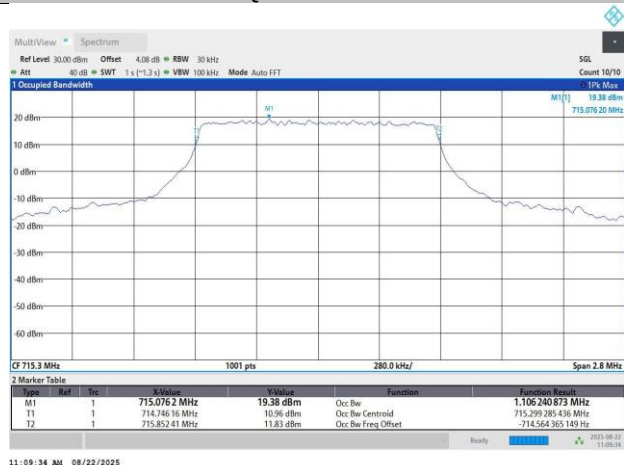
Band12-1.4MHz-QPSK-23095-6RB#0-1.1-1.38



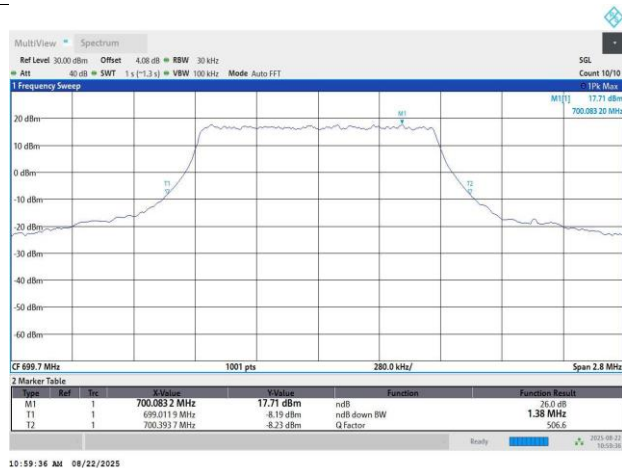
Band12-1.4MHz-QPSK-23095-6RB#0-1.1-1.38



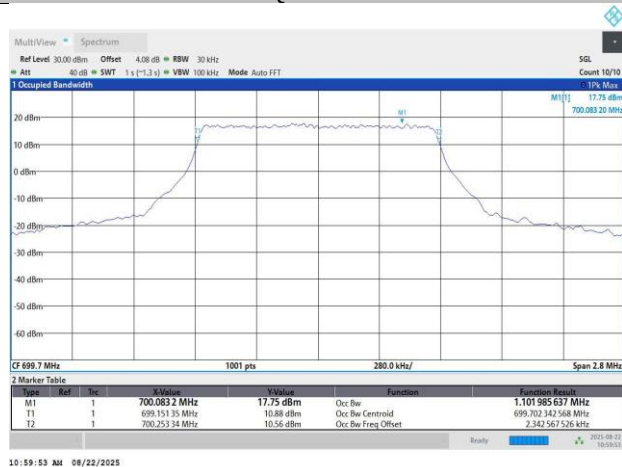
Band12-1.4MHz-QPSK-23173-6RB#0-1.11-1.42



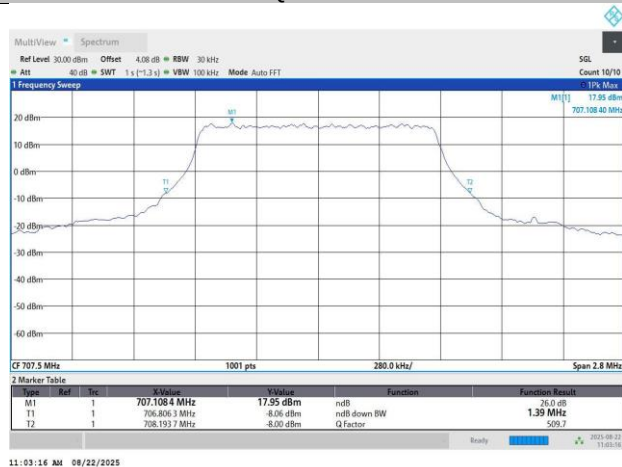
Band12-1.4MHz-QPSK-23173-6RB#0-1.11-1.42



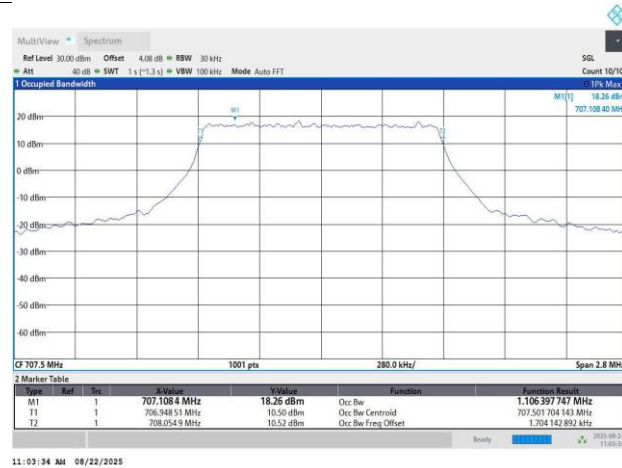
Band12-1.4MHz-16QAM-23017-6RB#0-1.1-1.38



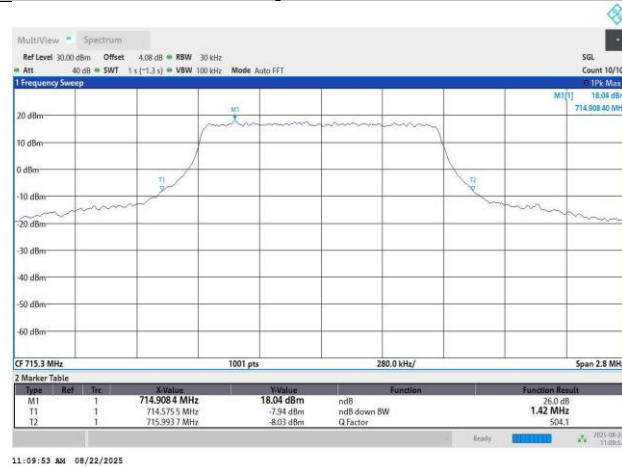
Band12-1.4MHz-16QAM-23017-6RB#0-1.1-1.38



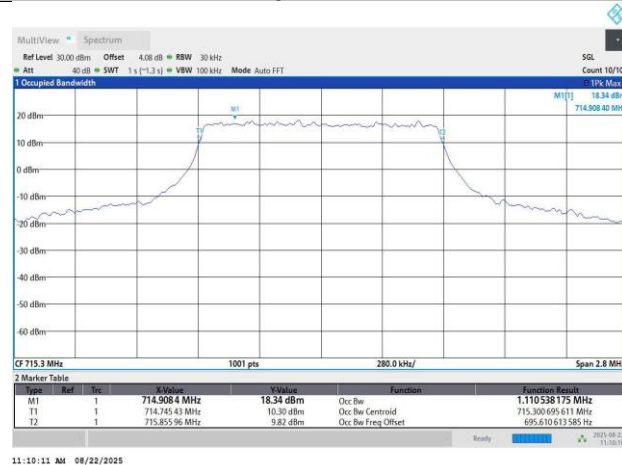
Band12-1.4MHz-16QAM-23095-6RB#0-1.11-1.39



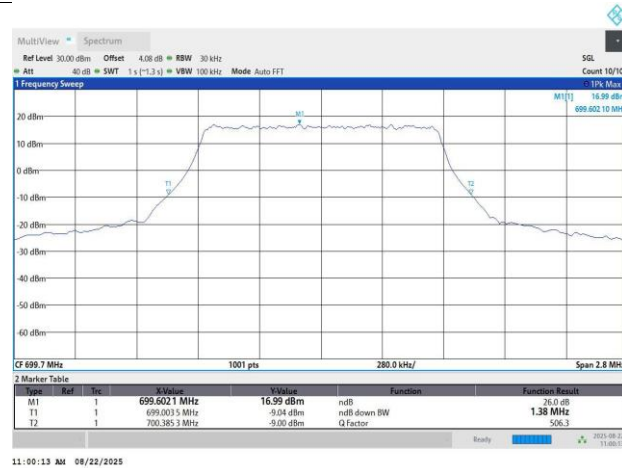
Band12-1.4MHz-16QAM-23095-6RB#0-1.11-1.39



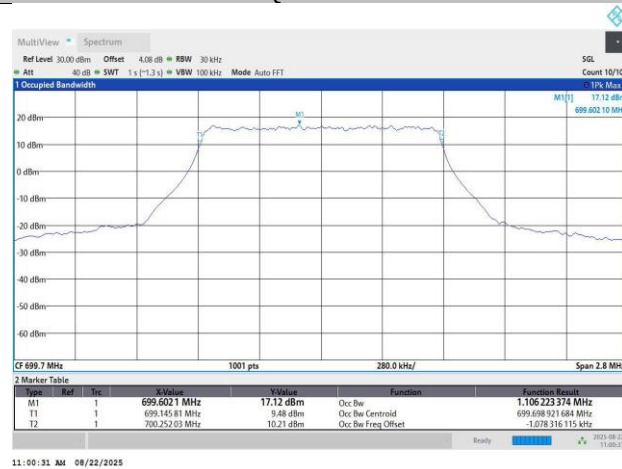
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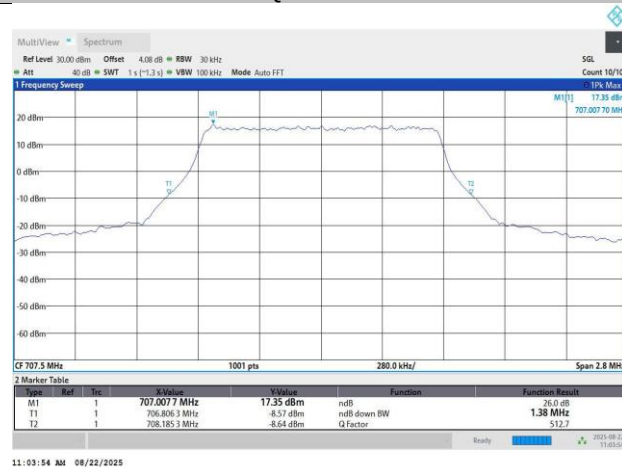
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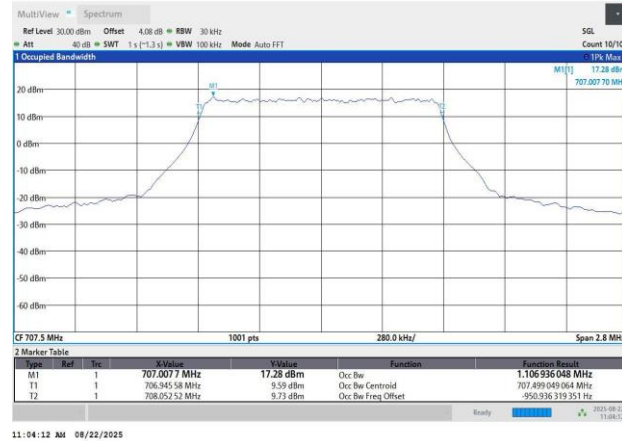
Band12-1.4MHz-64QAM-23017-6RB#0-1.11-1.38



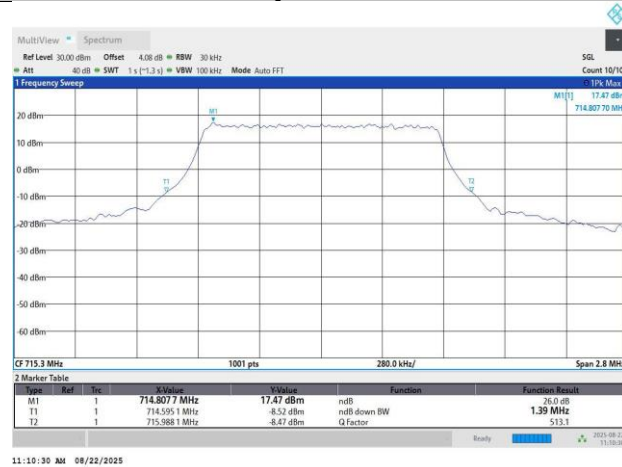
Band12-1.4MHz-64QAM-23017-6RB#0-1.11-1.38



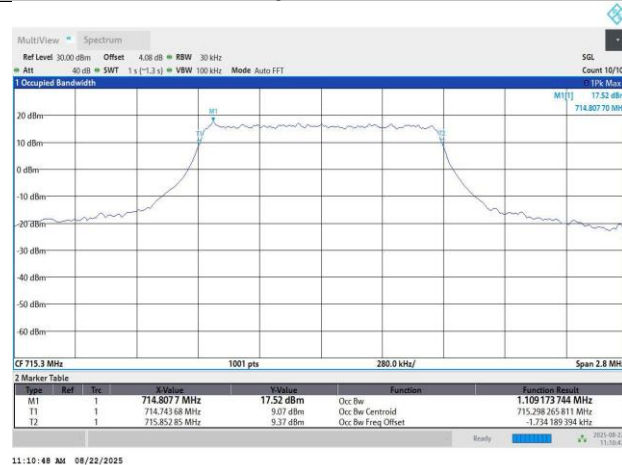
Band12-1.4MHz-64QAM-23095-6RB#0-1.11-1.38



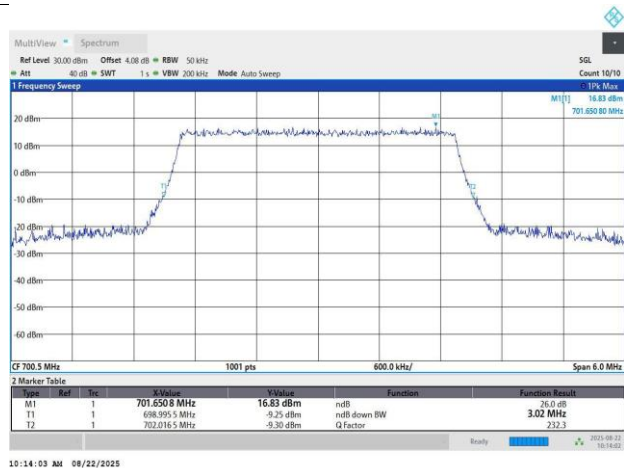
Band12-1.4MHz-64QAM-23095-6RB#0-1.11-1.38



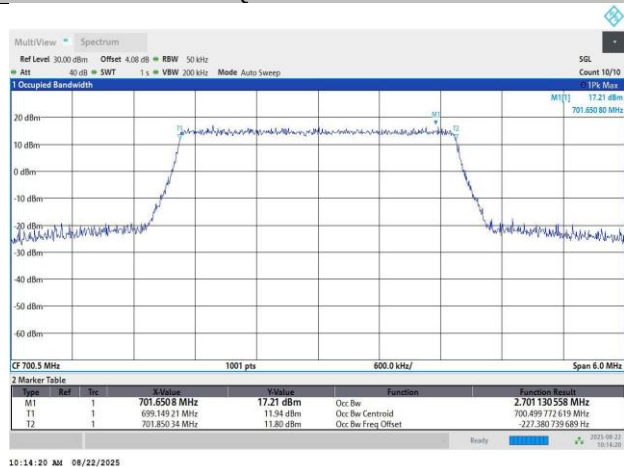
Band12-1.4MHz-64QAM-23173-6RB#0-1.11-1.39



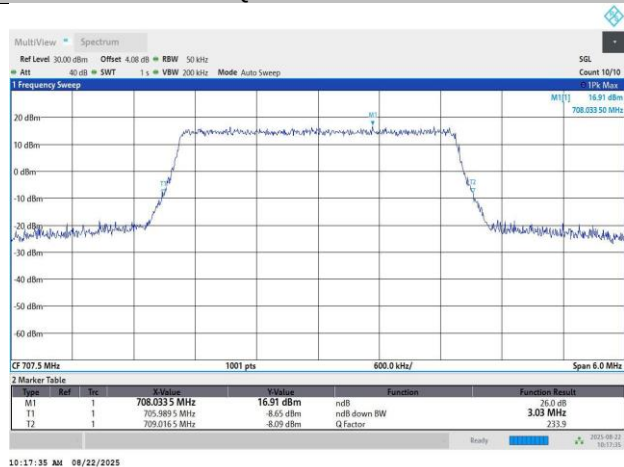
Band12-1.4MHz-64QAM-23173-6RB#0-1.11-1.39



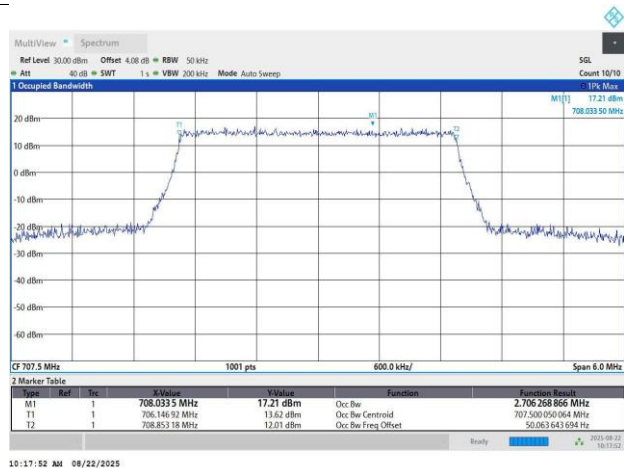
Band12-3MHz-QPSK-23025-15RB#0-2.7-3.02



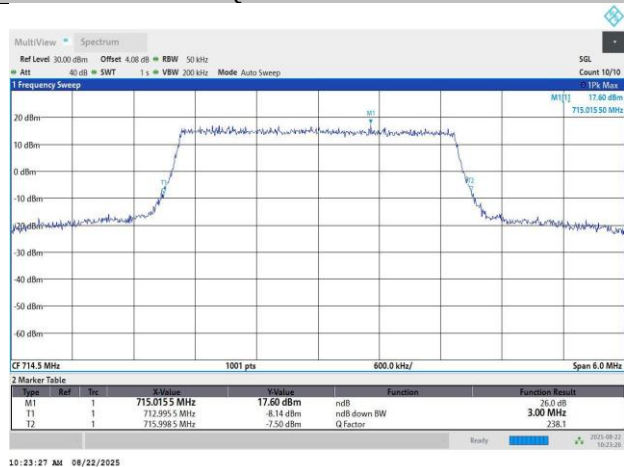
Band12-3MHz-QPSK-23025-15RB#0-2.7-3.02



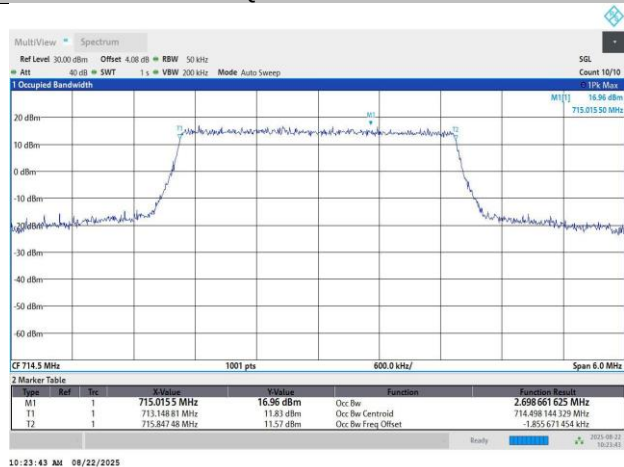
Band12-3MHz-QPSK-23095-15RB#0-2.71-3.03



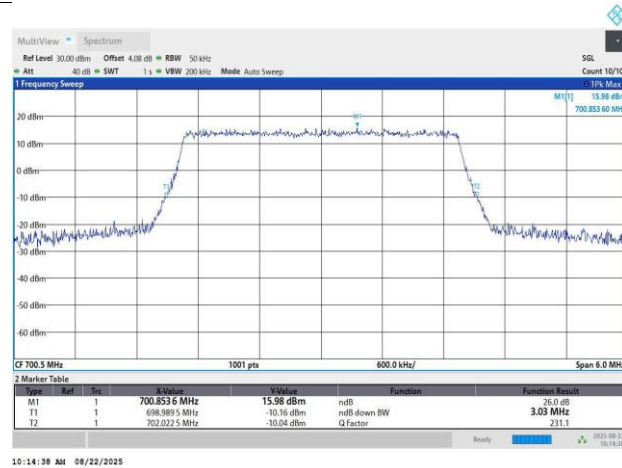
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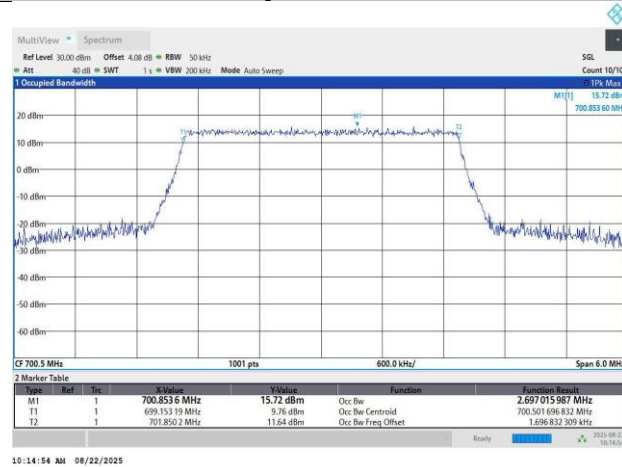
Band12-3MHz-QPSK-23165-15RB#0-2.7-3.0



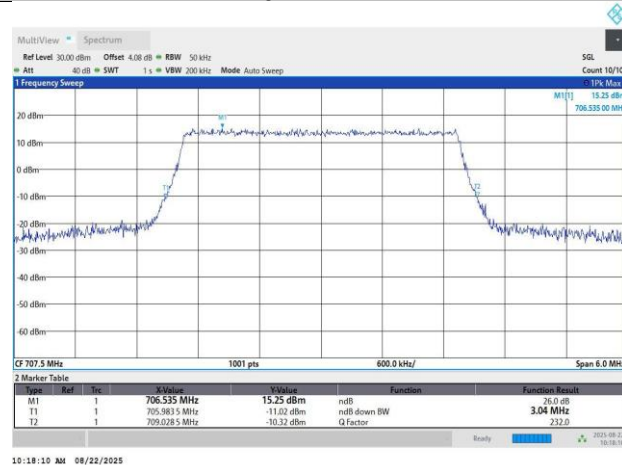
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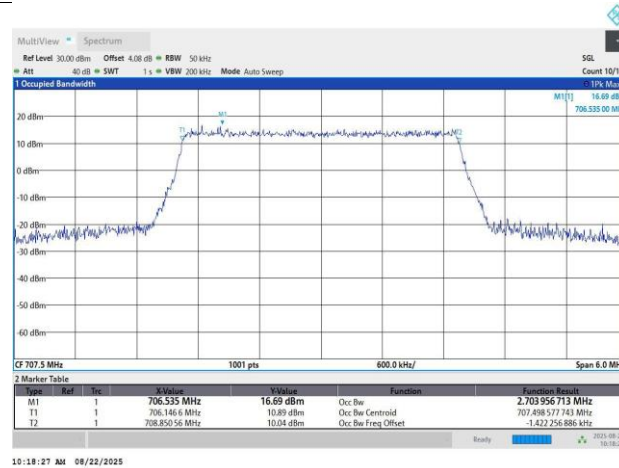
Band12-3MHz-16QAM-23025-15RB#0-2.7-3.03



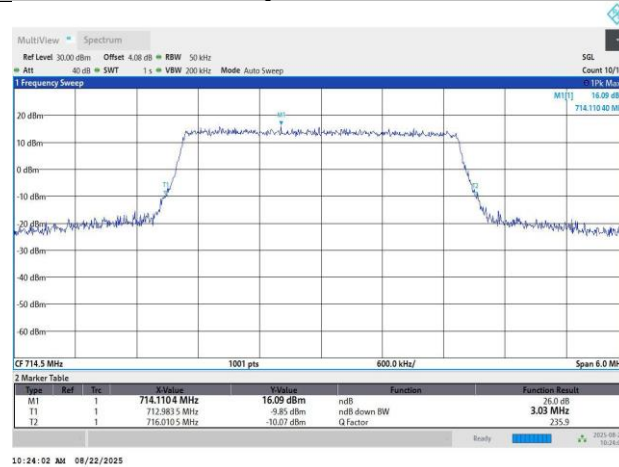
Band12-3MHz-16QAM-23025-15RB#0-2.7-3.03



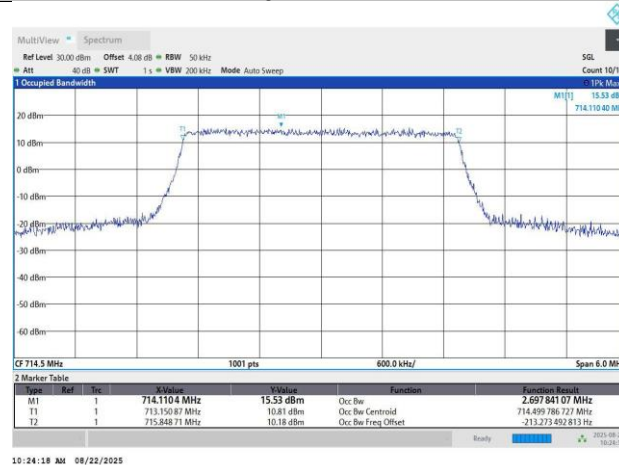
Band12-3MHz-16QAM-23095-15RB#0-2.7-3.04



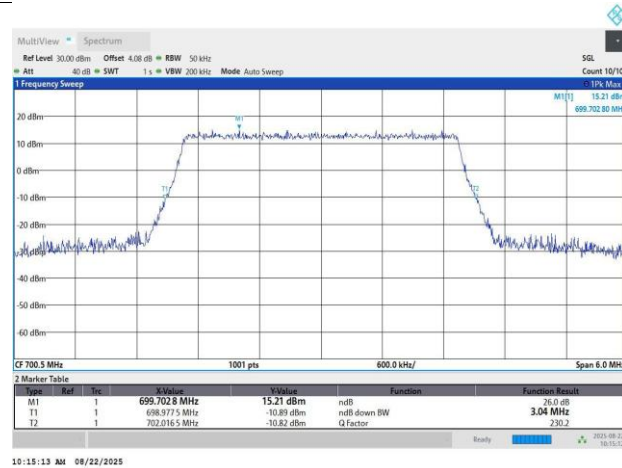
Band12-3MHz-16QAM-23095-15RB#0-2.7-3.04



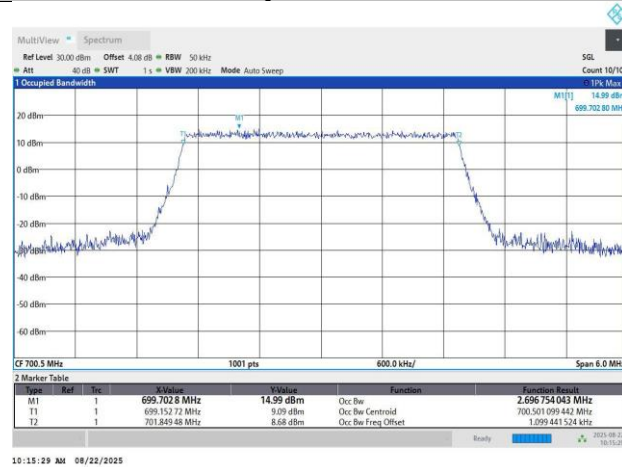
Band12-3MHz-16QAM-23165-15RB#0-2.7-3.03



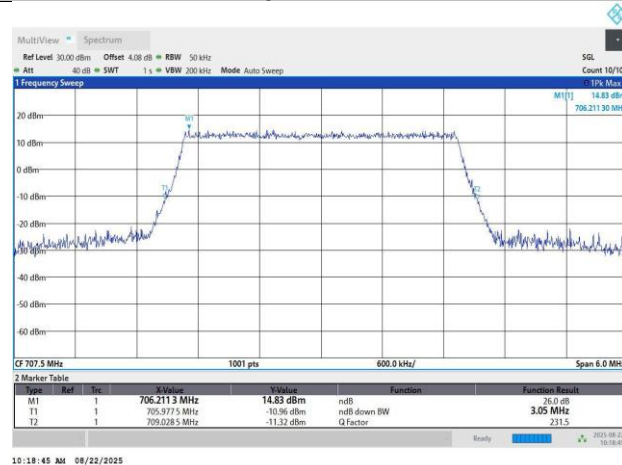
Band12-3MHz-16QAM-23165-15RB#0-2.7-3.03



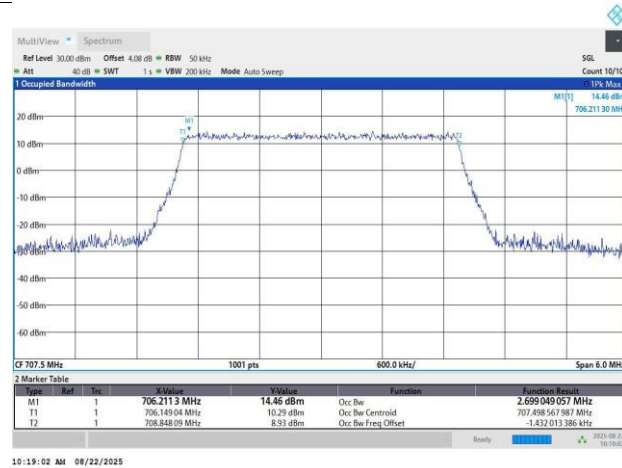
Band12-3MHz-64QAM-23025-15RB#0-2.7-3.04



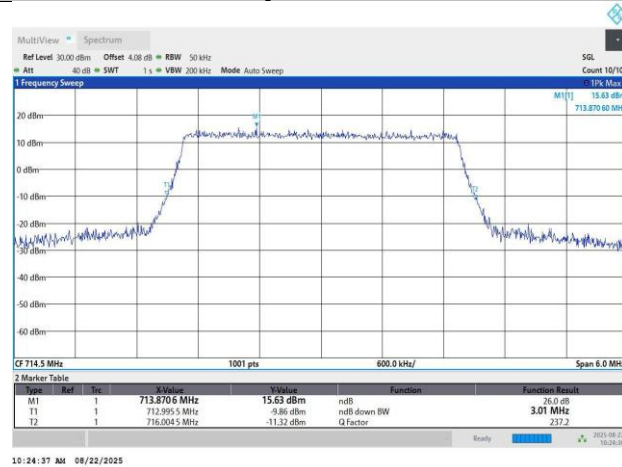
Band12-3MHz-64QAM-23025-15RB#0-2.7-3.04



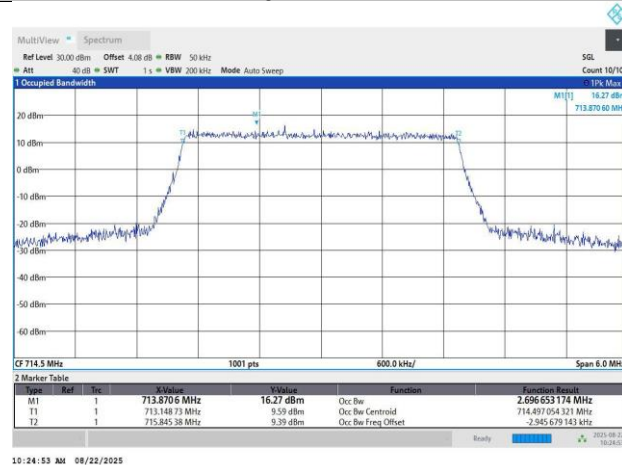
Band12-3MHz-64QAM-23095-15RB#0-2.7-3.05



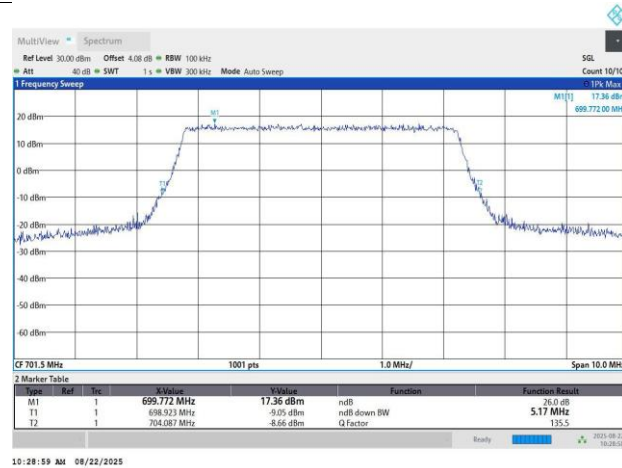
Band12-3MHz-64QAM-23095-15RB#0-2.7-3.05



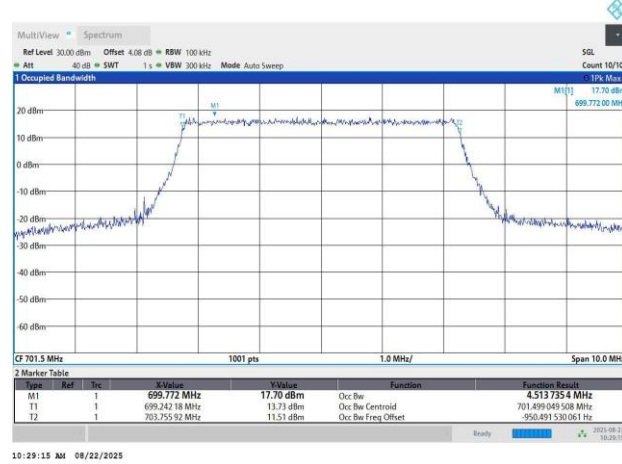
Band12-3MHz-64QAM-23165-15RB#0-2.7-3.01



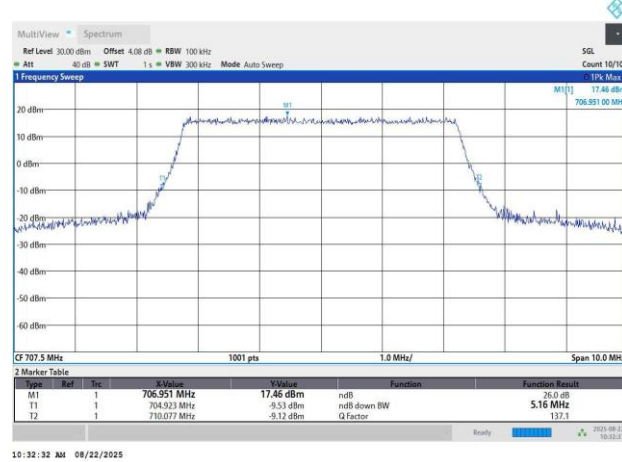
Band12-3MHz-64QAM-23165-15RB#0-2.7-3.01



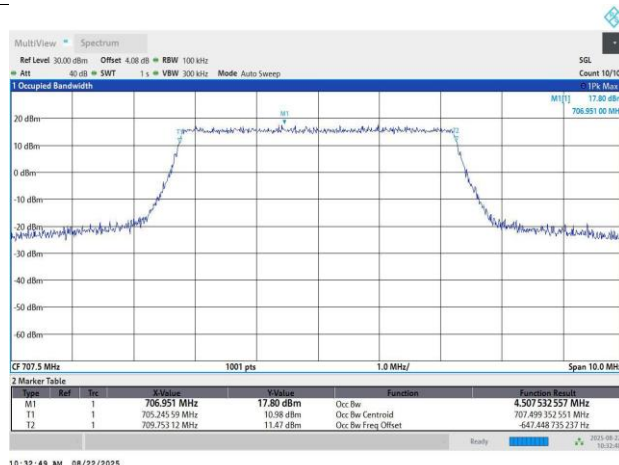
Band12-5MHz-QPSK-23035-25RB#0-4.51-5.17



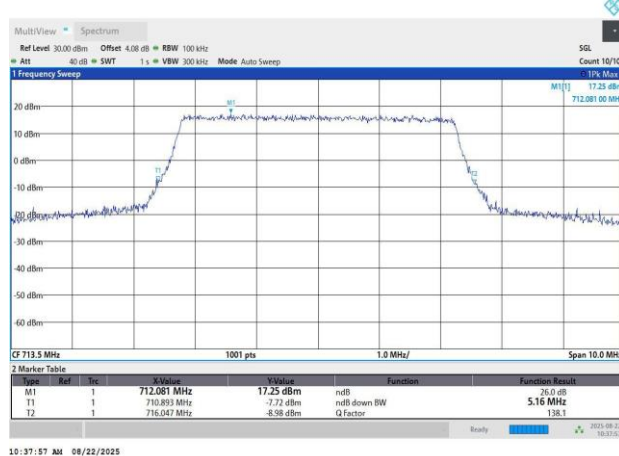
Band12-5MHz-QPSK-23035-25RB#0-4.51-5.17



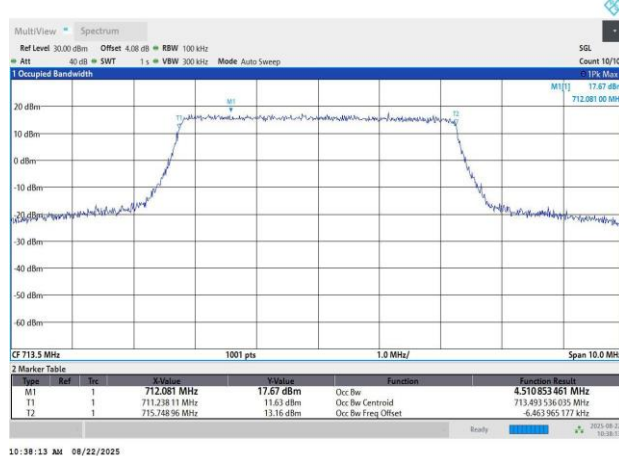
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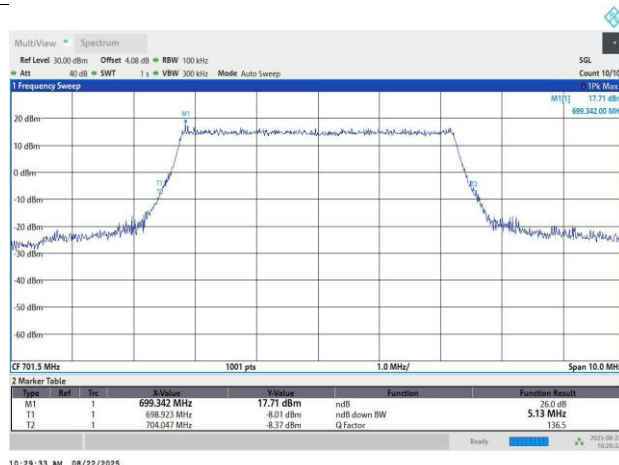
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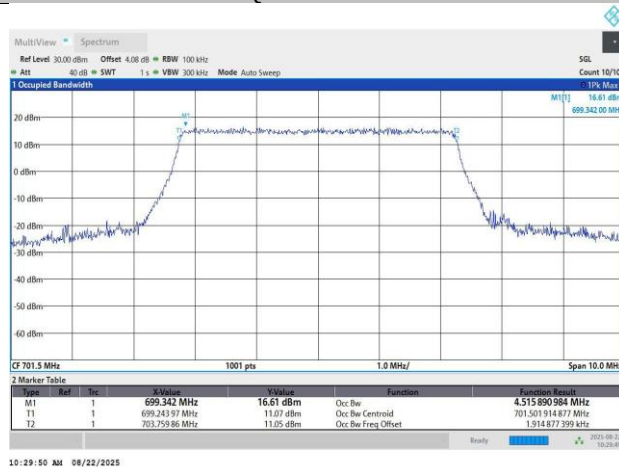
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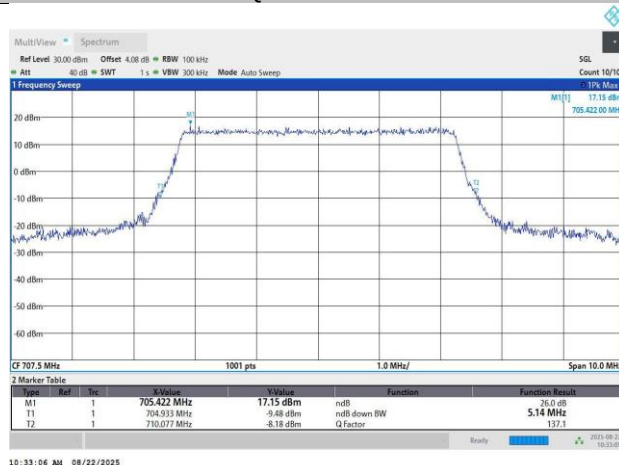
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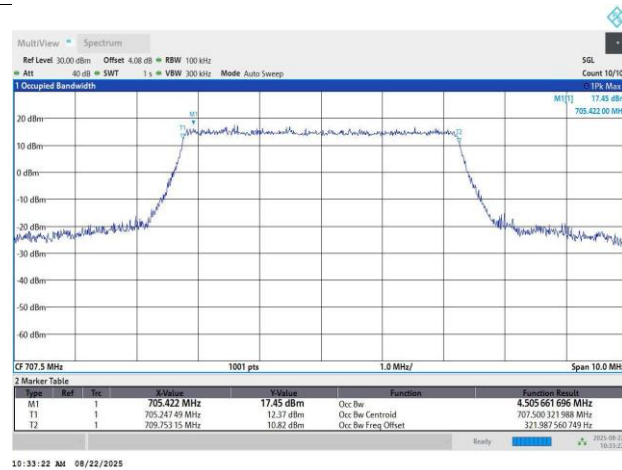
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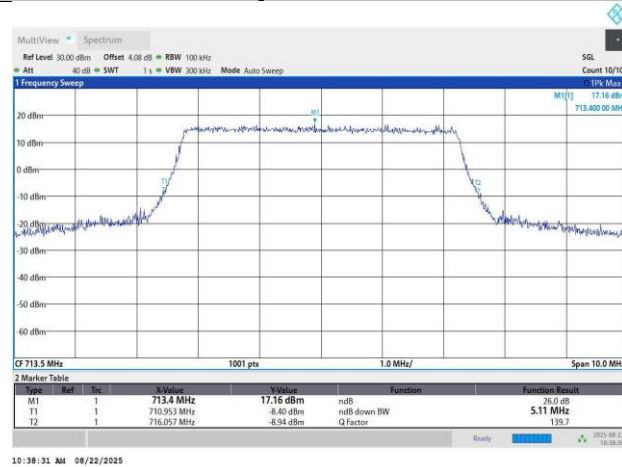
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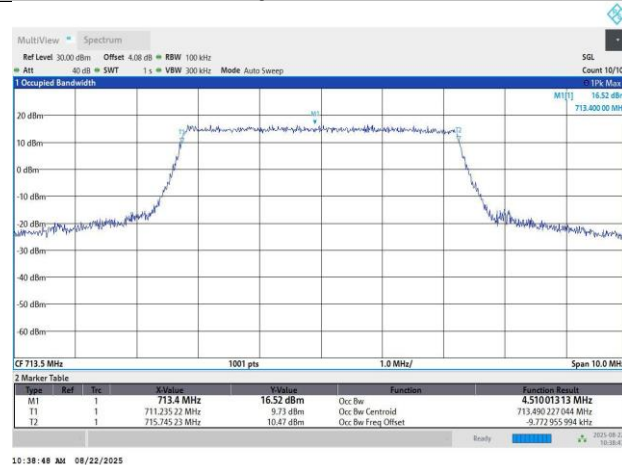
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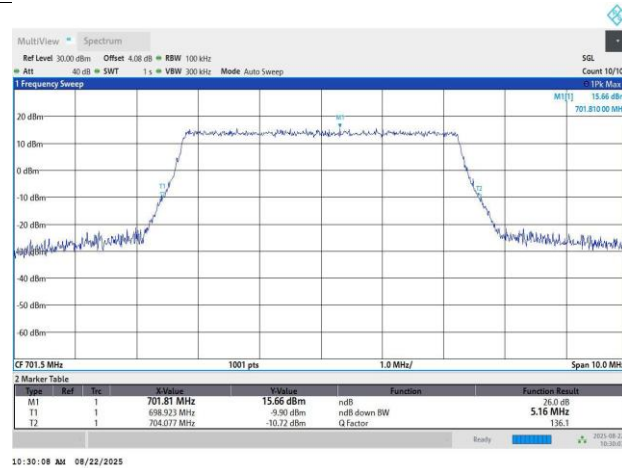
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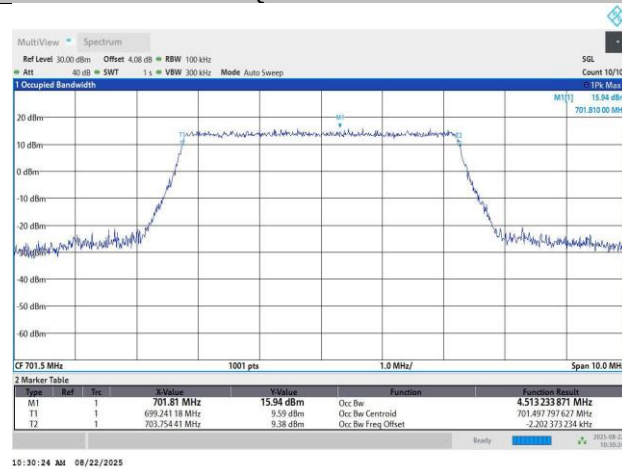
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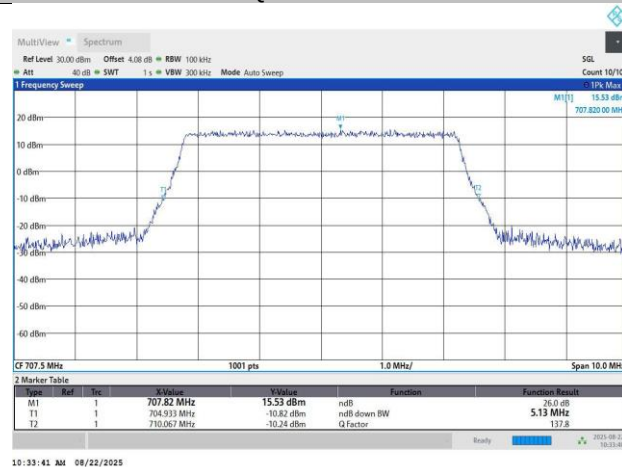
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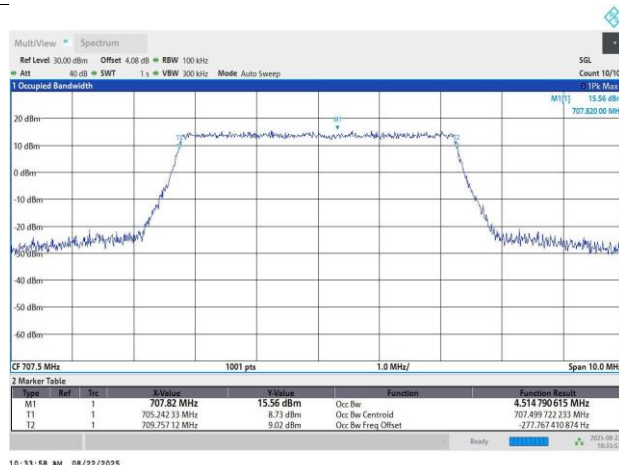
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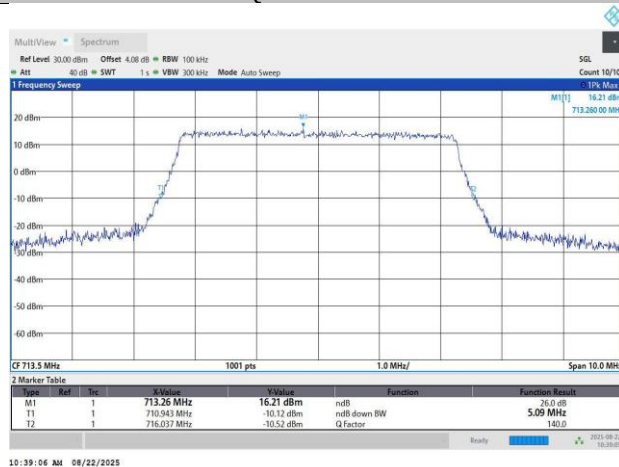
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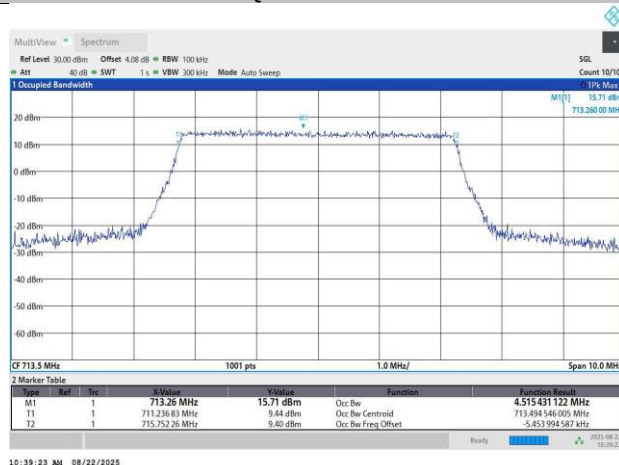
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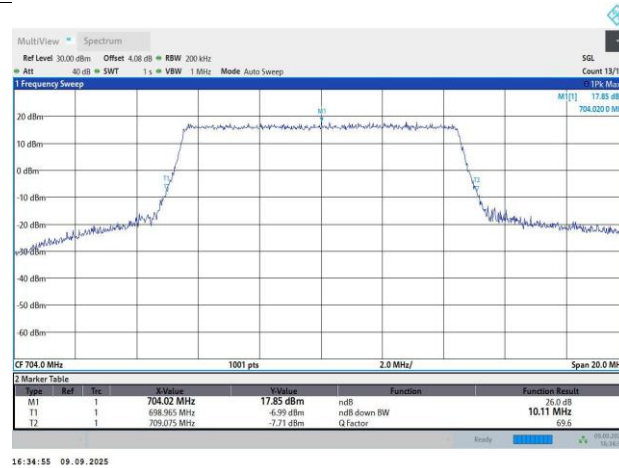
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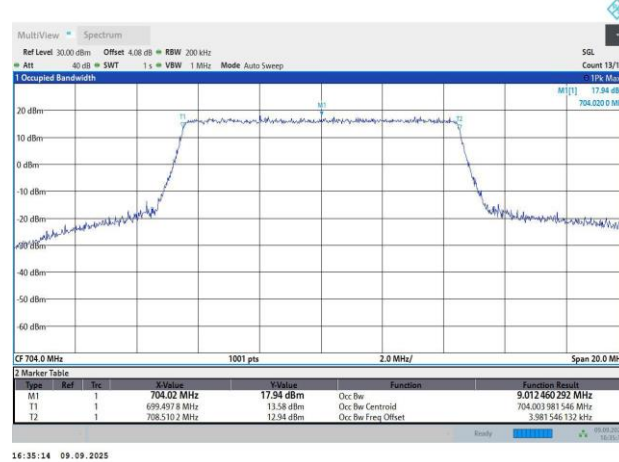
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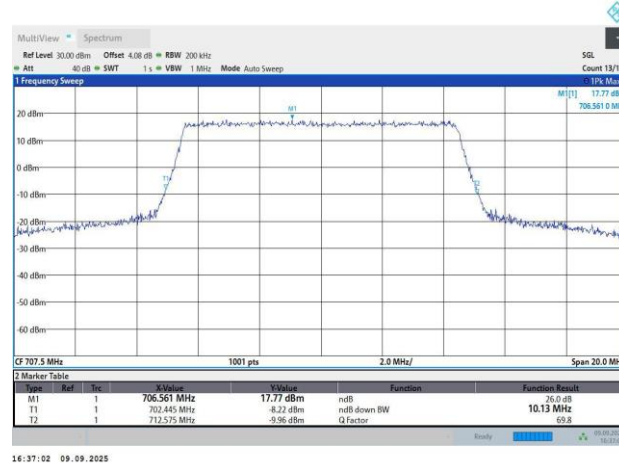
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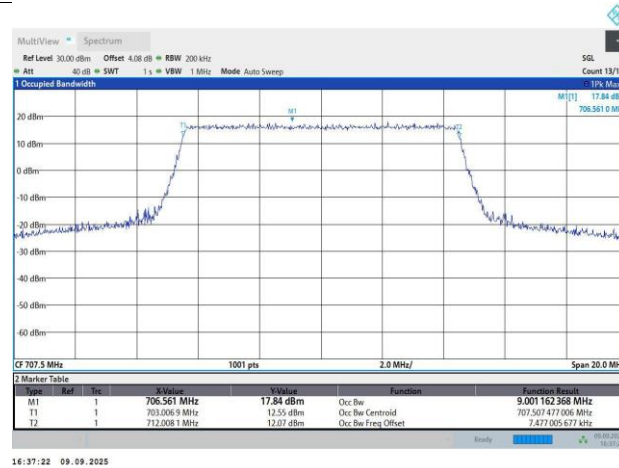
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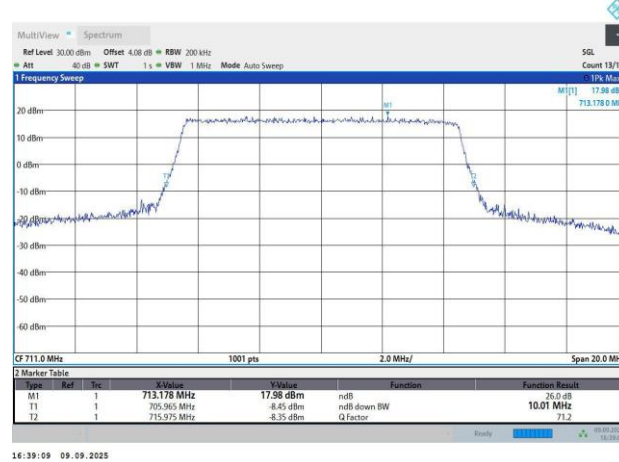
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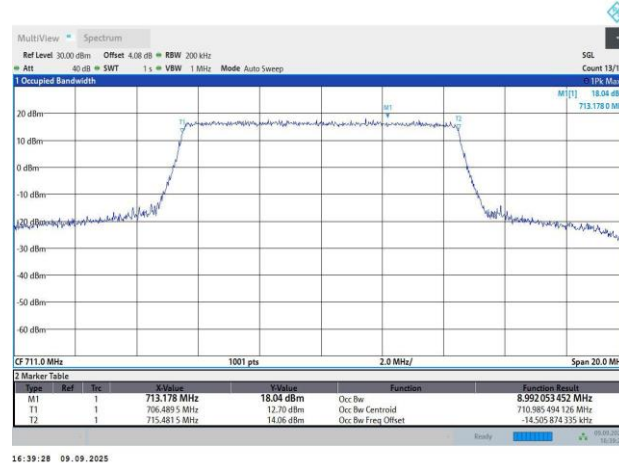
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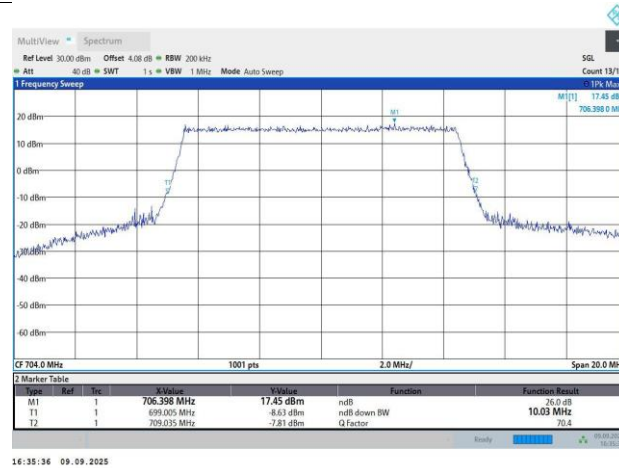
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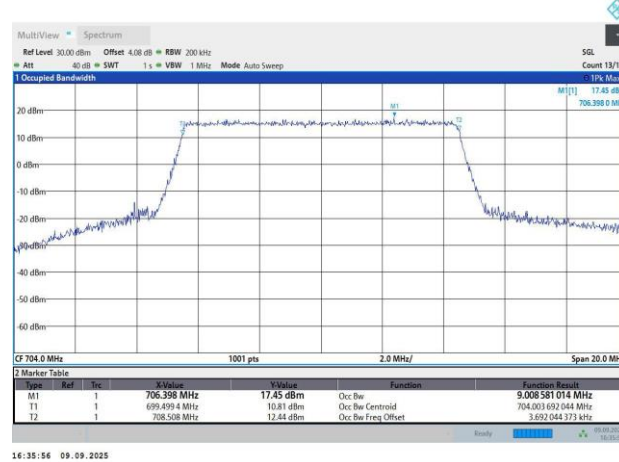
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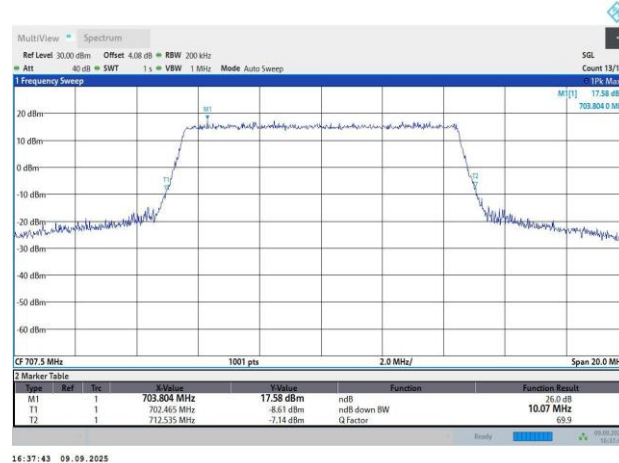
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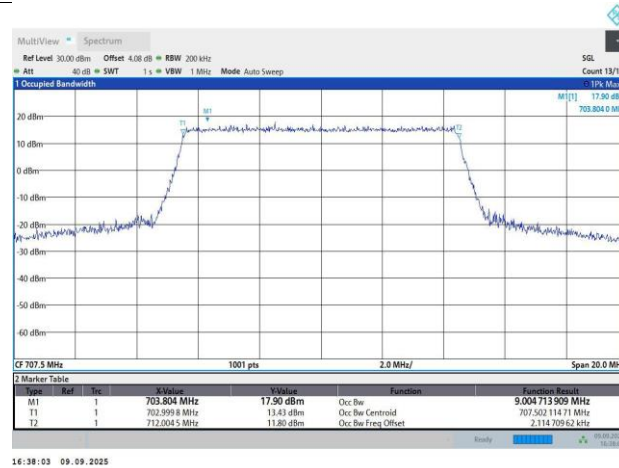
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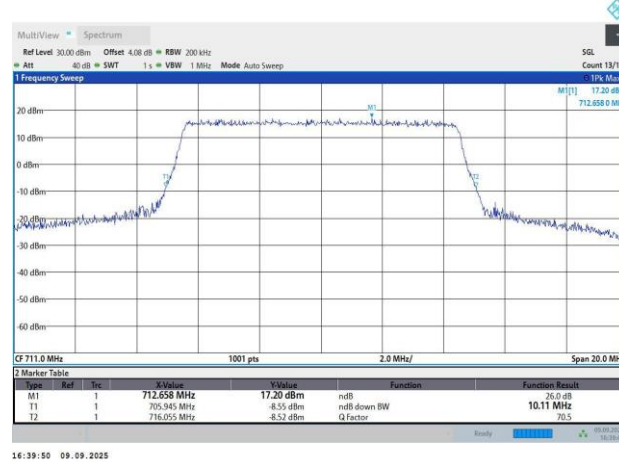
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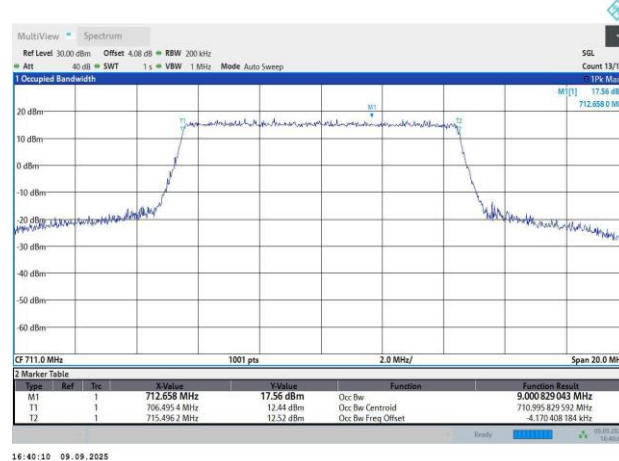
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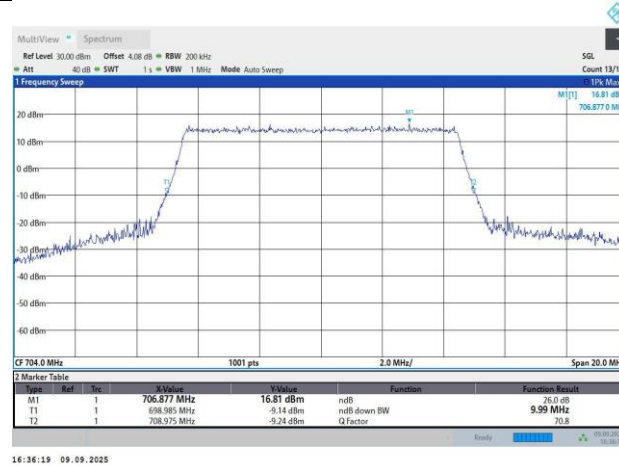
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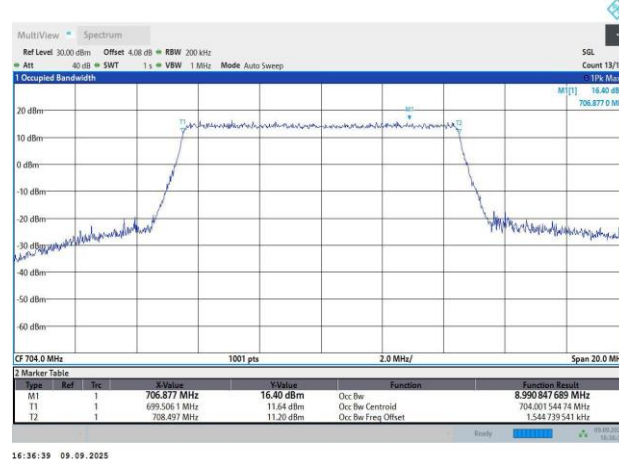
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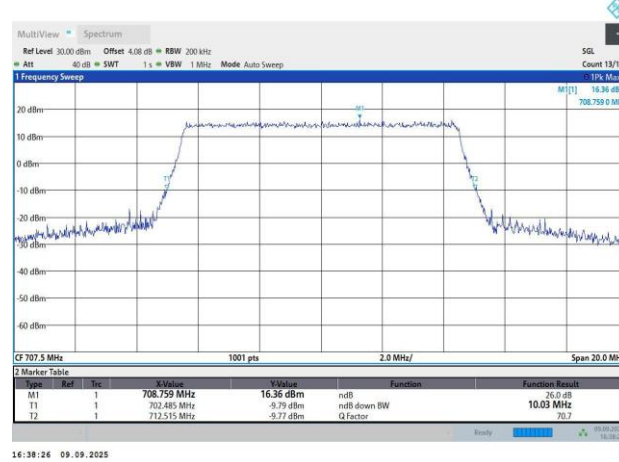
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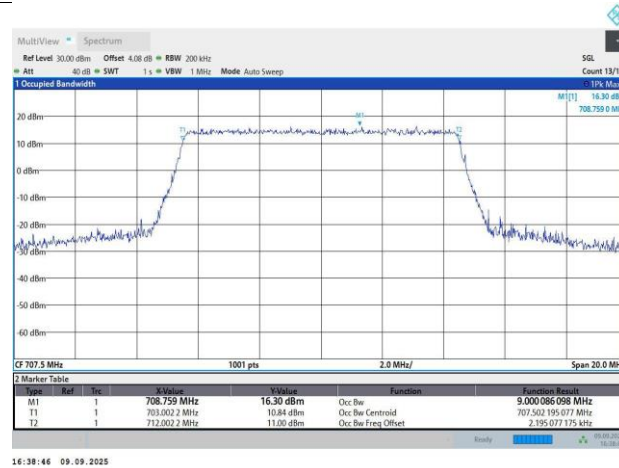
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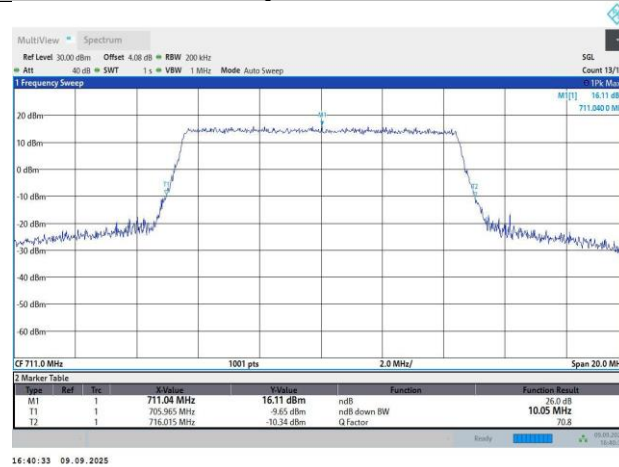
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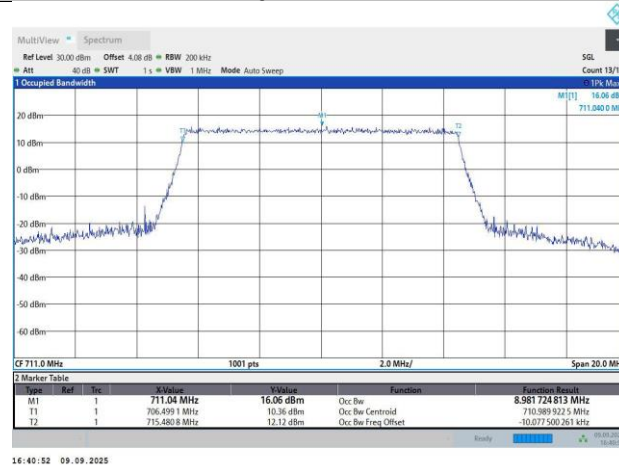
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Band12-10MHz-64QAM-23095-50RB#0-9.0-10.03



Band12-10MHz-64QAM-23130-50RB#0-8.98-10.05



Band12-10MHz-64QAM-23130-50RB#0-8.98-10.05

4 Appendix D: Band Edge

4.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	See graph	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	See graph	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	See graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	See graph	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	See graph	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	See graph	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	See graph	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	See graph	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	See graph	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	See graph	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	See graph	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	See graph	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	See graph	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	See graph	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	See graph	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	See graph	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	See graph	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	See graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	See graph	PASS
Band12	3MHz	QPSK	23025	8RB#0	See graph	PASS
Band12	3MHz	QPSK	23025	15RB#0	See graph	PASS
Band12	3MHz	QPSK	23165	1RB#14	See graph	PASS
Band12	3MHz	QPSK	23165	8RB#7	See graph	PASS
Band12	3MHz	QPSK	23165	15RB#0	See graph	PASS
Band12	3MHz	16QAM	23025	1RB#0	See graph	PASS
Band12	3MHz	16QAM	23025	8RB#0	See graph	PASS
Band12	3MHz	16QAM	23025	15RB#0	See graph	PASS
Band12	3MHz	16QAM	23165	1RB#14	See graph	PASS
Band12	3MHz	16QAM	23165	8RB#7	See graph	PASS
Band12	3MHz	16QAM	23165	15RB#0	See graph	PASS
Band12	3MHz	64QAM	23025	1RB#0	See graph	PASS
Band12	3MHz	64QAM	23025	8RB#0	See graph	PASS
Band12	3MHz	64QAM	23025	15RB#0	See graph	PASS
Band12	3MHz	64QAM	23165	1RB#14	See graph	PASS
Band12	3MHz	64QAM	23165	8RB#7	See graph	PASS
Band12	3MHz	64QAM	23165	15RB#0	See graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	See graph	PASS
Band12	5MHz	QPSK	23035	12RB#0	See graph	PASS
Band12	5MHz	QPSK	23035	25RB#0	See graph	PASS
Band12	5MHz	QPSK	23155	1RB#24	See graph	PASS
Band12	5MHz	QPSK	23155	12RB#13	See graph	PASS
Band12	5MHz	QPSK	23155	25RB#0	See graph	PASS
Band12	5MHz	16QAM	23035	1RB#0	See graph	PASS
Band12	5MHz	16QAM	23035	12RB#0	See graph	PASS
Band12	5MHz	16QAM	23035	25RB#0	See graph	PASS
Band12	5MHz	16QAM	23155	1RB#24	See graph	PASS
Band12	5MHz	16QAM	23155	12RB#13	See graph	PASS
Band12	5MHz	16QAM	23155	25RB#0	See graph	PASS
Band12	5MHz	64QAM	23035	1RB#0	See graph	PASS
Band12	5MHz	64QAM	23035	12RB#0	See graph	PASS
Band12	5MHz	64QAM	23035	25RB#0	See graph	PASS
Band12	5MHz	64QAM	23155	1RB#24	See graph	PASS
Band12	5MHz	64QAM	23155	12RB#13	See graph	PASS
Band12	5MHz	64QAM	23155	25RB#0	See graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	See graph	PASS
Band12	10MHz	QPSK	23060	25RB#0	See graph	PASS
Band12	10MHz	QPSK	23060	50RB#0	See graph	PASS
Band12	10MHz	QPSK	23130	1RB#49	See graph	PASS
Band12	10MHz	QPSK	23130	25RB#25	See graph	PASS
Band12	10MHz	QPSK	23130	50RB#0	See graph	PASS
Band12	10MHz	16QAM	23060	1RB#0	See graph	PASS
Band12	10MHz	16QAM	23060	25RB#0	See graph	PASS
Band12	10MHz	16QAM	23060	50RB#0	See graph	PASS
Band12	10MHz	16QAM	23130	1RB#49	See graph	PASS

Band12	10MHz	16QAM	23130	25RB#25	See graph	PASS
Band12	10MHz	16QAM	23130	50RB#0	See graph	PASS
Band12	10MHz	64QAM	23060	1RB#0	See graph	PASS
Band12	10MHz	64QAM	23060	25RB#0	See graph	PASS
Band12	10MHz	64QAM	23060	50RB#0	See graph	PASS
Band12	10MHz	64QAM	23130	1RB#49	See graph	PASS
Band12	10MHz	64QAM	23130	25RB#25	See graph	PASS
Band12	10MHz	64QAM	23130	50RB#0	See graph	PASS

4.2 Test Plots



Band12-1.4MHz-QPSK-23017-1RB#0-PASS



Band12-1.4MHz-QPSK-23017-3RB#0-PASS



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



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



Band12-1.4MHz-QPSK-23173-3RB#3-PASS



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



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



Band12-1.4MHz-16QAM-23017-3RB#0-PASS



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



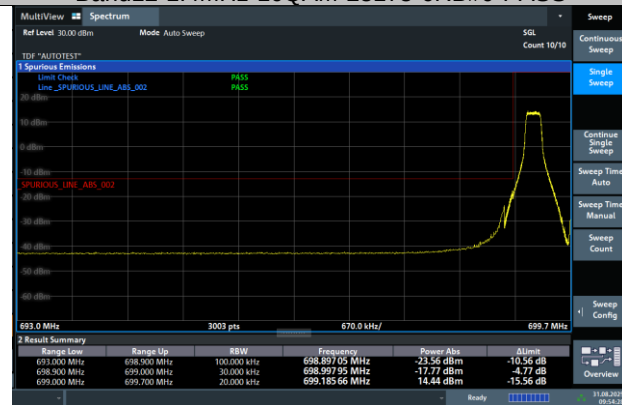
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Band12-1.4MHz-16QAM-23173-3RB#3-PASS



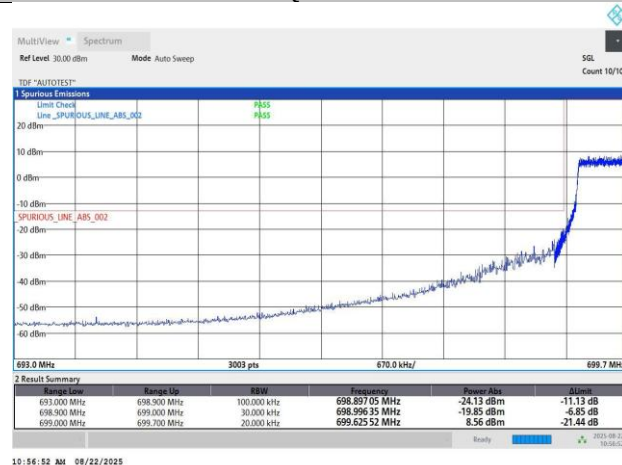
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



Band12-1.4MHz-64QAM-23017-1RB#0-PASS



Band12-1.4MHz-64QAM-23017-3RB#0-PASS



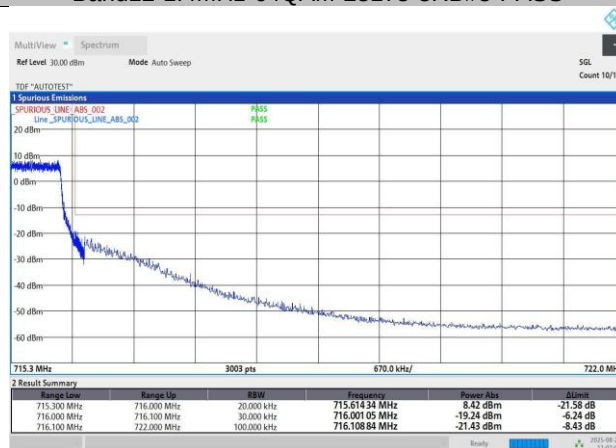
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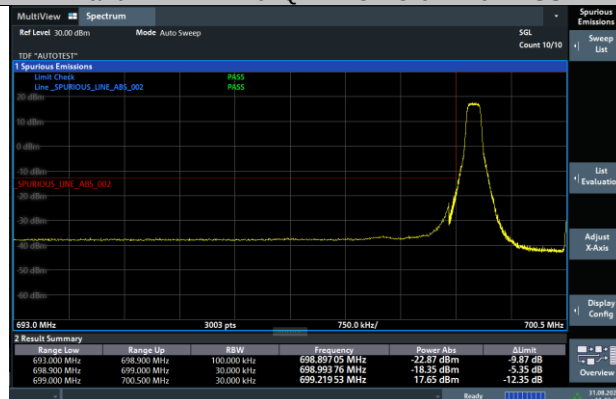
Band12-1.4MHz-64QAM-23173-1RB#5-PASS



Band12-1.4MHz-64QAM-23173-3RB#3-PASS



Band12-1.4MHz-64QAM-23173-6RB#0-PASS



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



Band12-3MHz-QPSK-23025-8RB#0-PASS



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



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



Band12-3MHz-QPSK-23165-8RB#7-PASS