

Appendix for LTE B4

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

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Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.3	21.2	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#3	23.32	21.22	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.3	21.2	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.39	21.29	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#2	23.36	21.26	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.38	21.28	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.35	20.25	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.12	21.02	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#3	23.29	21.19	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.26	21.16	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.29	21.19	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#2	23.23	21.13	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.26	21.16	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.19	20.09	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.16	21.06	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#3	23.13	21.03	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.04	20.94	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.13	21.03	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#2	23.08	20.98	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.16	21.06	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.14	20.04	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.3	20.2	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#3	22.46	20.36	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.46	20.36	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.33	20.23	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#2	22.36	20.26	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.37	20.27	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.36	19.26	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.56	20.46	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#3	22.61	20.51	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.37	20.27	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.33	20.23	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#2	22.28	20.18	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.15	20.05	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.43	19.33	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.05	19.95	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#3	21.97	19.87	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.33	20.23	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.29	20.19	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#2	22.38	20.28	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.29	20.19	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.31	19.21	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.76	19.66	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#3	21.79	19.69	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.71	19.61	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.4	19.3	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#2	21.54	19.44	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.46	19.36	30	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.56	18.46	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.27	19.17	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#3	21.4	19.3	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.31	19.21	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.29	19.19	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#2	21.33	19.23	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.51	19.41	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.26	18.16	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.54	19.44	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#3	21.22	19.12	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.4	19.3	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.41	19.31	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#2	20.94	18.84	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.54	19.44	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.26	18.16	30	PASS

Band4	3MHz	QPSK	19965	1RB#0	23.34	21.24	30	PASS
Band4	3MHz	QPSK	19965	1RB#7	23.49	21.39	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.41	21.31	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.42	20.32	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.52	20.42	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.46	20.36	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.37	20.27	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.21	21.11	30	PASS
Band4	3MHz	QPSK	20175	1RB#7	23.37	21.27	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.22	21.12	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.24	20.14	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.3	20.2	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.29	20.19	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.3	20.2	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.12	21.02	30	PASS
Band4	3MHz	QPSK	20385	1RB#7	23.37	21.27	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.17	21.07	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.24	20.14	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.23	20.13	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.21	20.11	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.27	20.17	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.22	20.12	30	PASS
Band4	3MHz	16QAM	19965	1RB#7	22.75	20.65	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.27	20.17	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.5	19.4	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.46	19.36	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.38	19.28	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.41	19.31	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.3	20.2	30	PASS
Band4	3MHz	16QAM	20175	1RB#7	22.33	20.23	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.34	20.24	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.43	19.33	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.4	19.3	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.31	19.21	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.33	19.23	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.04	19.94	30	PASS
Band4	3MHz	16QAM	20385	1RB#7	22.17	20.07	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.76	20.66	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.19	19.09	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.18	19.08	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.32	19.22	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.22	19.12	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.79	19.69	30	PASS
Band4	3MHz	64QAM	19965	1RB#7	21.82	19.72	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.6	19.5	30	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.66	18.56	30	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.37	18.27	30	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.54	18.44	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.42	18.32	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.12	19.02	30	PASS
Band4	3MHz	64QAM	20175	1RB#7	21.4	19.3	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.38	19.28	30	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.36	18.26	30	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.2	18.1	30	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.4	18.3	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.36	18.26	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.16	19.06	30	PASS
Band4	3MHz	64QAM	20385	1RB#7	21.67	19.57	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.5	19.4	30	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.2	18.1	30	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.26	18.16	30	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.19	18.09	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.26	18.16	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.43	21.33	30	PASS
Band4	5MHz	QPSK	19975	1RB#13	23.45	21.35	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.34	21.24	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.36	20.26	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.44	20.34	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.44	20.34	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.43	20.33	30	PASS

Band4	5MHz	QPSK	20175	1RB#0	23.23	21.13	30	PASS
Band4	5MHz	QPSK	20175	1RB#13	23.33	21.23	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.27	21.17	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.34	20.24	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.37	20.27	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.3	20.2	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.28	20.18	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.2	21.1	30	PASS
Band4	5MHz	QPSK	20375	1RB#13	23.32	21.22	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.14	21.04	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.27	20.17	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.25	20.15	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.18	20.08	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.22	20.12	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.4	20.3	30	PASS
Band4	5MHz	16QAM	19975	1RB#13	22.64	20.54	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.63	20.53	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.46	19.36	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.44	19.34	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.5	19.4	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.43	19.33	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.36	20.26	30	PASS
Band4	5MHz	16QAM	20175	1RB#13	22.66	20.56	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.44	20.34	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.43	19.33	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.31	19.21	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.24	19.14	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.31	19.21	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.69	20.59	30	PASS
Band4	5MHz	16QAM	20375	1RB#13	22.76	20.66	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.55	20.45	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.18	19.08	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.34	19.24	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.29	19.19	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.17	19.07	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.35	19.25	30	PASS
Band4	5MHz	64QAM	19975	1RB#13	21.49	19.39	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.54	19.44	30	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.44	18.34	30	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.49	18.39	30	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.39	18.29	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.52	18.42	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.59	19.49	30	PASS
Band4	5MHz	64QAM	20175	1RB#13	21.19	19.09	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.04	18.94	30	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.48	18.38	30	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.47	18.37	30	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.35	18.25	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.31	18.21	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.36	19.26	30	PASS
Band4	5MHz	64QAM	20375	1RB#13	21.51	19.41	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.15	19.05	30	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.41	18.31	30	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.4	18.3	30	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.29	18.19	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.15	18.05	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.25	21.15	30	PASS
Band4	10MHz	QPSK	20000	1RB#25	23.46	21.36	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.43	21.33	30	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.49	20.39	30	PASS
Band4	10MHz	QPSK	20000	25RB#13	22.48	20.38	30	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.49	20.39	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.57	20.47	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.22	21.12	30	PASS
Band4	10MHz	QPSK	20175	1RB#25	23.25	21.15	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.24	21.14	30	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.29	20.19	30	PASS
Band4	10MHz	QPSK	20175	25RB#13	22.37	20.27	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.32	20.22	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.41	20.31	30	PASS

Band4	10MHz	QPSK	20350	1RB#0	23.16	21.06	30	PASS
Band4	10MHz	QPSK	20350	1RB#25	23.23	21.13	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.22	21.12	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.19	20.09	30	PASS
Band4	10MHz	QPSK	20350	25RB#13	22.35	20.25	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.26	20.16	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.19	20.09	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.37	20.27	30	PASS
Band4	10MHz	16QAM	20000	1RB#25	22.72	20.62	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.38	20.28	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.39	19.29	30	PASS
Band4	10MHz	16QAM	20000	25RB#13	21.4	19.3	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.37	19.27	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.44	19.34	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.49	20.39	30	PASS
Band4	10MHz	16QAM	20175	1RB#25	22.6	20.5	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.56	20.46	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.37	19.27	30	PASS
Band4	10MHz	16QAM	20175	25RB#13	21.42	19.32	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.32	19.22	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.29	19.19	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.05	19.95	30	PASS
Band4	10MHz	16QAM	20350	1RB#25	22.61	20.51	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.16	20.06	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.19	19.09	30	PASS
Band4	10MHz	16QAM	20350	25RB#13	21.35	19.25	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.21	19.11	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.24	19.14	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.54	19.44	30	PASS
Band4	10MHz	64QAM	20000	1RB#25	21.45	19.35	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.32	19.22	30	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.52	18.42	30	PASS
Band4	10MHz	64QAM	20000	25RB#13	20.45	18.35	30	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.44	18.34	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.48	18.38	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.5	19.4	30	PASS
Band4	10MHz	64QAM	20175	1RB#25	21.28	19.18	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.3	19.2	30	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.35	18.25	30	PASS
Band4	10MHz	64QAM	20175	25RB#13	20.31	18.21	30	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.3	18.2	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.37	18.27	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.23	19.13	30	PASS
Band4	10MHz	64QAM	20350	1RB#25	21.11	19.01	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.28	19.18	30	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.15	18.05	30	PASS
Band4	10MHz	64QAM	20350	25RB#13	20.3	18.2	30	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.34	18.24	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.21	18.11	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.17	21.07	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.11	21.01	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.65	21.55	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.13	20.03	30	PASS
Band4	15MHz	QPSK	20025	36RB#19	22.14	20.04	30	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.15	20.05	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.15	20.05	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.15	21.05	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.97	20.87	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.05	20.95	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.13	20.03	30	PASS
Band4	15MHz	QPSK	20175	36RB#19	22.16	20.06	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.17	20.07	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.06	19.96	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.91	20.81	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.07	20.97	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.92	20.82	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.03	19.93	30	PASS
Band4	15MHz	QPSK	20325	36RB#19	21.88	19.78	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.12	20.02	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.06	19.96	30	PASS

Band4	15MHz	16QAM	20025	1RB#0	22.48	20.38	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.48	20.38	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.44	20.34	30	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.26	19.16	30	PASS
Band4	15MHz	16QAM	20025	36RB#19	21.23	19.13	30	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.24	19.14	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.2	19.1	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.86	19.76	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.42	20.32	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.29	20.19	30	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.21	19.11	30	PASS
Band4	15MHz	16QAM	20175	36RB#19	21.18	19.08	30	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.15	19.05	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.02	18.92	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.54	20.44	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.21	20.11	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.12	20.02	30	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.02	18.92	30	PASS
Band4	15MHz	16QAM	20325	36RB#19	21.13	19.03	30	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.12	19.02	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.93	18.83	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.87	18.77	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.45	19.35	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.19	19.09	30	PASS
Band4	15MHz	64QAM	20025	36RB#0	20.27	18.17	30	PASS
Band4	15MHz	64QAM	20025	36RB#19	20.19	18.09	30	PASS
Band4	15MHz	64QAM	20025	36RB#39	20.11	18.01	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.26	18.16	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.44	19.34	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.09	18.99	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.33	19.23	30	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.18	18.08	30	PASS
Band4	15MHz	64QAM	20175	36RB#19	20.1	18.0	30	PASS
Band4	15MHz	64QAM	20175	36RB#39	20.18	18.08	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.17	18.07	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.4	19.3	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.85	18.75	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.5	19.4	30	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.6	17.5	30	PASS
Band4	15MHz	64QAM	20325	36RB#19	20.0	17.9	30	PASS
Band4	15MHz	64QAM	20325	36RB#39	20.06	17.96	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.04	17.94	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.08	20.98	30	PASS
Band4	20MHz	QPSK	20050	1RB#50	23.17	21.07	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.16	21.06	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.34	20.24	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.31	20.21	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.02	19.92	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.2	20.1	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.17	21.07	30	PASS
Band4	20MHz	QPSK	20175	1RB#50	23.06	20.96	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.09	20.99	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.13	20.03	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.24	20.14	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.31	20.21	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.14	20.04	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.06	20.96	30	PASS
Band4	20MHz	QPSK	20300	1RB#50	22.98	20.88	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.02	20.92	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.08	19.98	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.14	20.04	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.15	20.05	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.13	20.03	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.15	20.05	30	PASS
Band4	20MHz	16QAM	20050	1RB#50	22.42	20.32	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.56	20.46	30	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.23	19.13	30	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.36	19.26	30	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.28	19.18	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.28	19.18	30	PASS

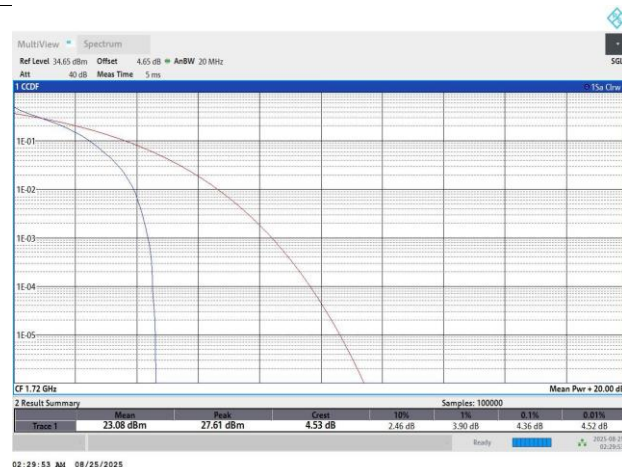
Band4	20MHz	16QAM	20175	1RB#0	22.63	20.53	30	PASS
Band4	20MHz	16QAM	20175	1RB#50	22.33	20.23	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.28	20.18	30	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.13	19.03	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.26	19.16	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.3	19.2	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.18	19.08	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.5	20.4	30	PASS
Band4	20MHz	16QAM	20300	1RB#50	22.55	20.45	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.0	19.9	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.02	18.92	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.21	19.11	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.1	19.0	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.11	19.01	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.25	19.15	30	PASS
Band4	20MHz	64QAM	20050	1RB#50	21.58	19.48	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.18	19.08	30	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.17	18.07	30	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.31	18.21	30	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.21	18.11	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.19	18.09	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.26	19.16	30	PASS
Band4	20MHz	64QAM	20175	1RB#50	20.89	18.79	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.25	19.15	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.14	18.04	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.25	18.15	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.22	18.12	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.21	18.11	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.12	19.02	30	PASS
Band4	20MHz	64QAM	20300	1RB#50	21.1	19.0	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.18	19.08	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.12	18.02	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.18	18.08	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.08	17.98	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.09	17.99	30	PASS

2 Appendix B: Peak-to-Average Ratio

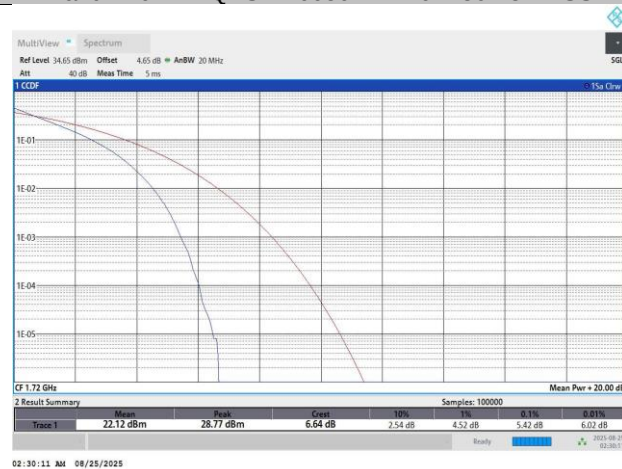
2.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	1RB#0	4.36	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.22	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.34	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.5	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.56	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	7.02	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.12	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.44	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.12	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.38	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.24	13	PASS
Band4	20MHz	64QAM	20050	1RB#0	5.84	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.66	13	PASS
Band4	20MHz	64QAM	20175	1RB#0	6.1	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.58	13	PASS
Band4	20MHz	64QAM	20300	1RB#0	5.98	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.62	13	PASS

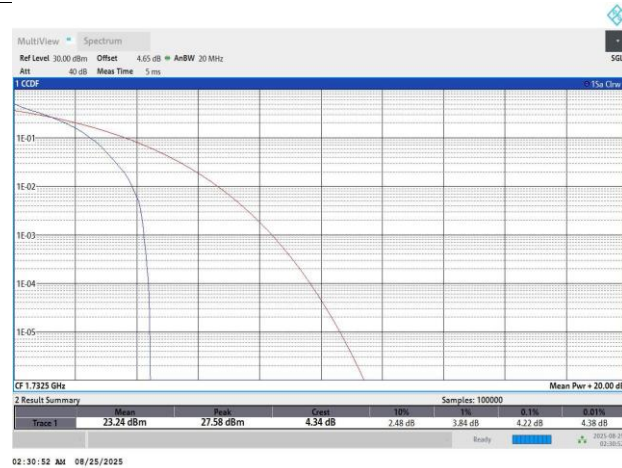
2.2 Test Plots



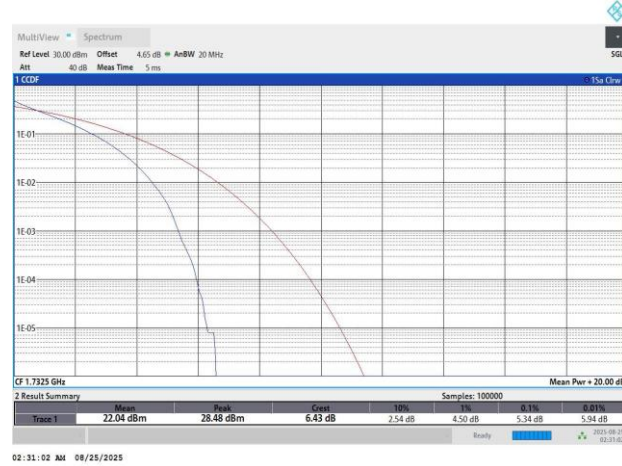
Band4-20MHz-QPSK-20050-1RB#0-4.36-13-PASS



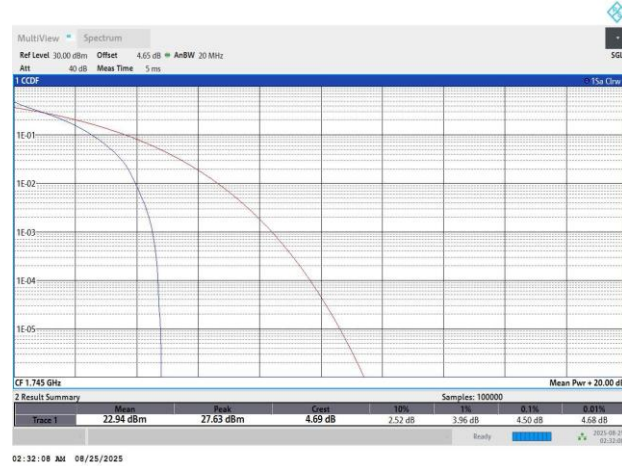
Band4-20MHz-QPSK-20050-100RB#0-5.42-13-PASS



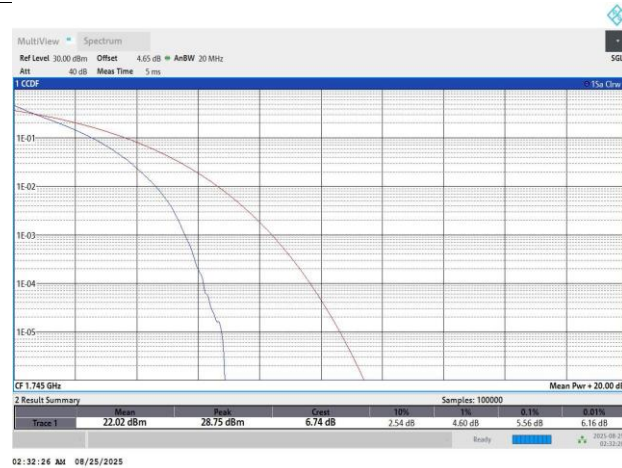
Band4-20MHz-QPSK-20175-1RB#0-4.22-13-PASS



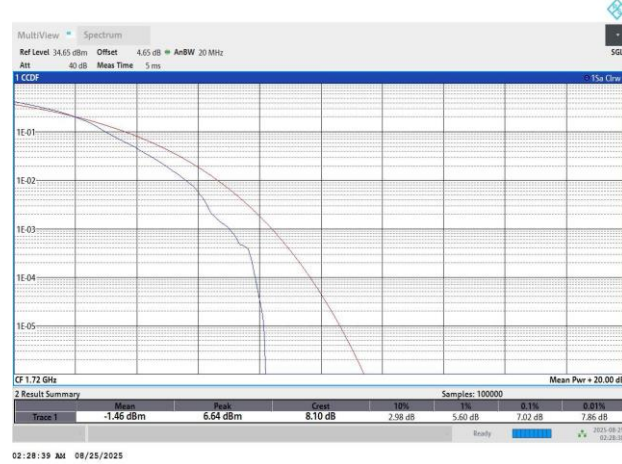
Band4-20MHz-QPSK-20175-100RB#0-5.34-13-PASS



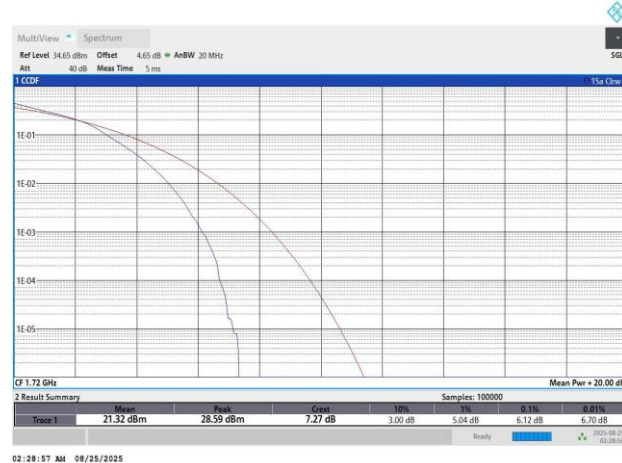
Band4-20MHz-QPSK-20300-1RB#0-4.5-13-PASS



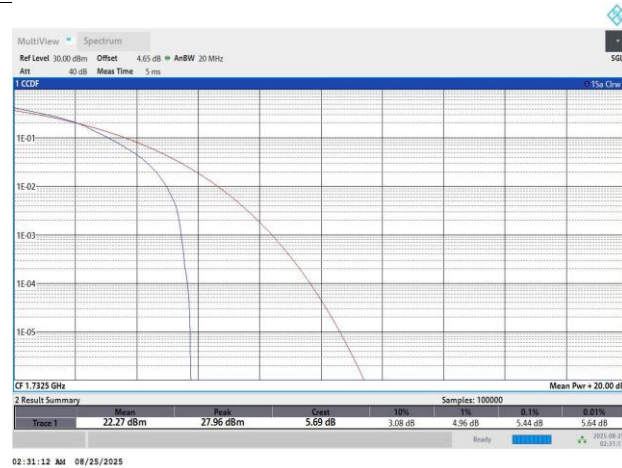
Band4-20MHz-QPSK-20300-100RB#0-5.56-13-PASS



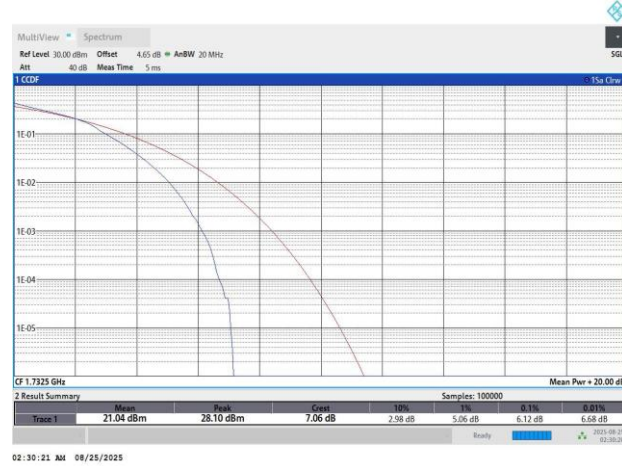
Band4-20MHz-16QAM-20050-1RB#0-7.02-13-PASS



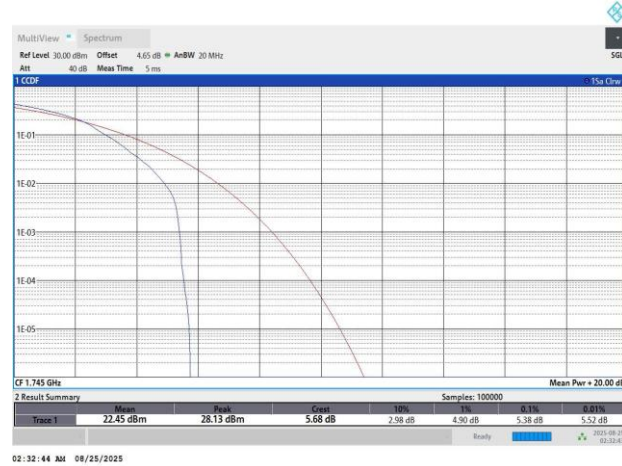
Band4-20MHz-16QAM-20050-100RB#0-6.12-13-PASS



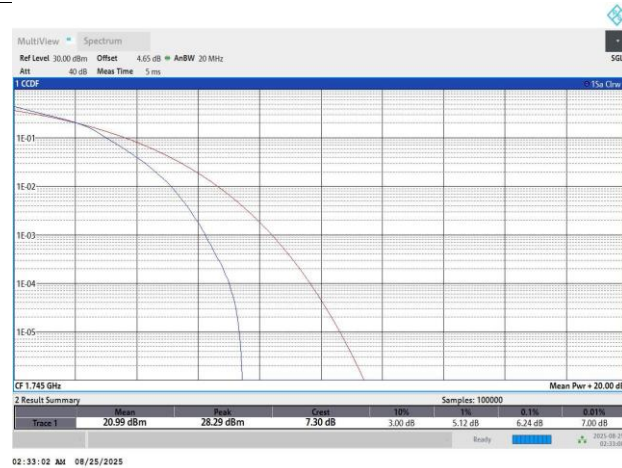
Band4-20MHz-16QAM-20175-1RB#0-5.44-13-PASS



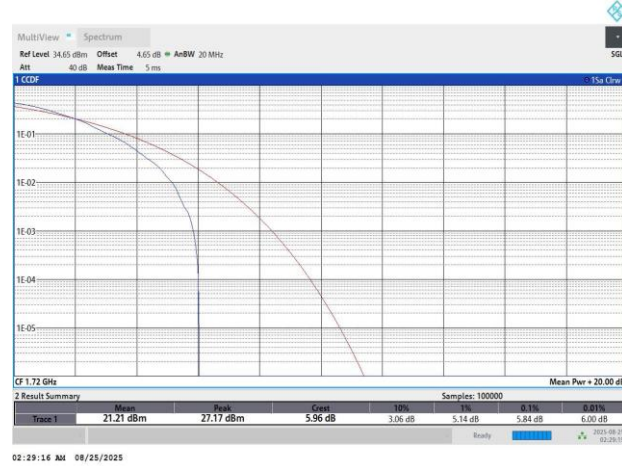
Band4-20MHz-16QAM-20175-100RB#0-6.12-13-PASS



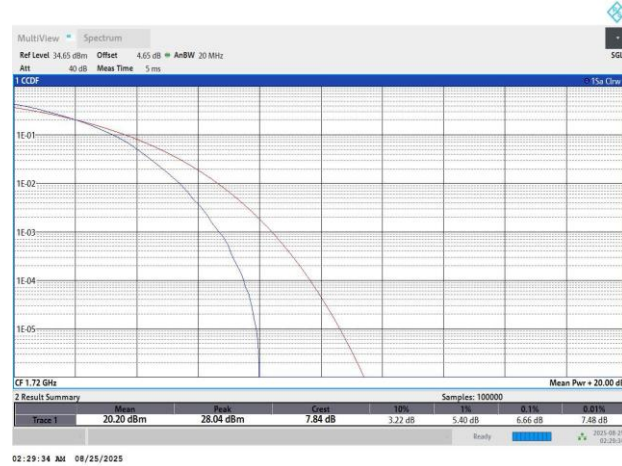
Band4-20MHz-16QAM-20300-1RB#0-5.38-13-PASS



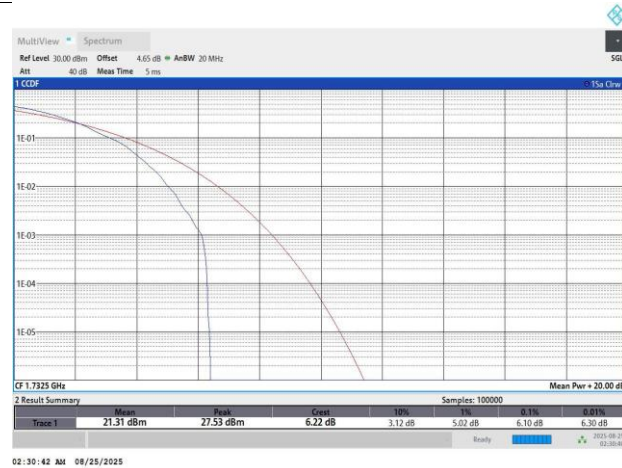
Band4-20MHz-16QAM-20300-100RB#0-6.24-13-PASS



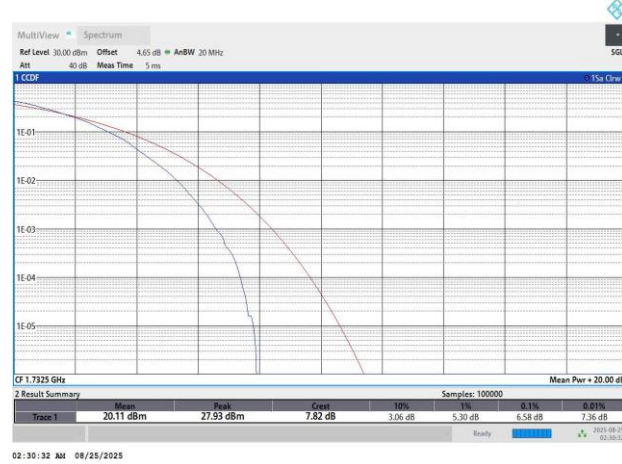
Band4-20MHz-64QAM-20050-1RB#0-5.84-13-PASS



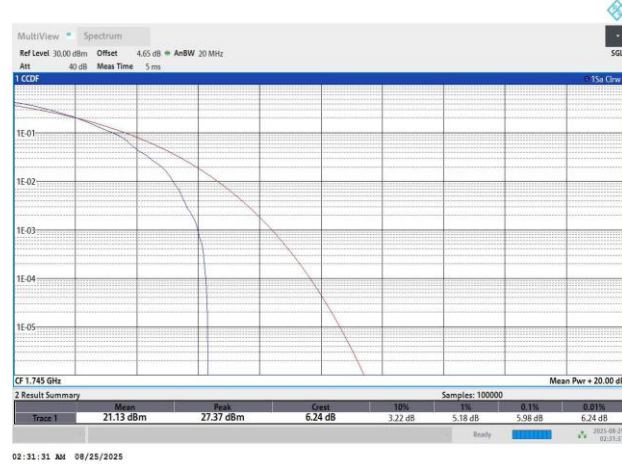
Band4-20MHz-64QAM-20050-100RB#0-6.66-13-PASS



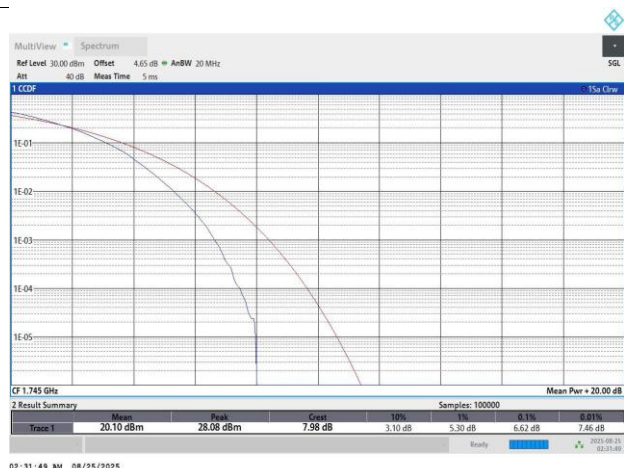
Band4-20MHz-64QAM-20175-1RB#0-6.1-13-PASS



Band4-20MHz-64QAM-20175-100RB#0-6.58-13-PASS



Band4-20MHz-64QAM-20300-1RB#0-5.98-13-PASS



Band4-20MHz-64QAM-20300-100RB#0-6.62-13-PASS

3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

3.1 Test Result

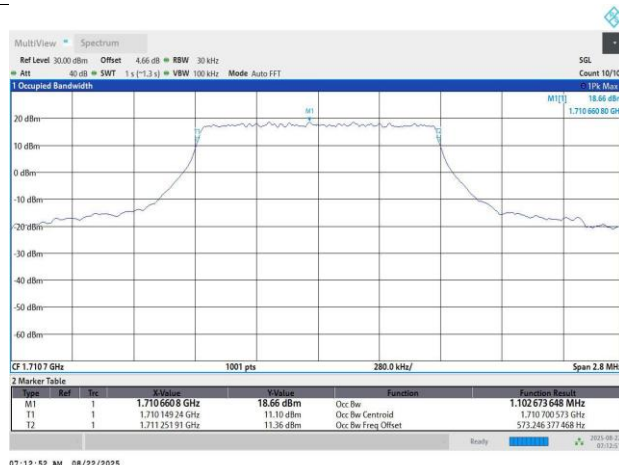
Band	Channel bandwidth	Modulation	Channel	RB Configure	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1	1.38	See graph
Band4	1.4MHz	QPSK	20175	6RB#0	1.1	1.38	See graph
Band4	1.4MHz	QPSK	20393	6RB#0	1.1	1.38	See graph
Band4	1.4MHz	16QAM	19957	6RB#0	1.1	1.39	See graph
Band4	1.4MHz	16QAM	20175	6RB#0	1.11	1.38	See graph
Band4	1.4MHz	16QAM	20393	6RB#0	1.11	1.37	See graph
Band4	1.4MHz	64QAM	19957	6RB#0	1.11	1.37	See graph
Band4	1.4MHz	64QAM	20175	6RB#0	1.11	1.37	See graph
Band4	1.4MHz	64QAM	20393	6RB#0	1.11	1.39	See graph
Band4	3MHz	QPSK	19965	15RB#0	2.7	3.05	See graph
Band4	3MHz	QPSK	20175	15RB#0	2.7	3.04	See graph
Band4	3MHz	QPSK	20385	15RB#0	2.7	3.04	See graph
Band4	3MHz	16QAM	19965	15RB#0	2.7	3.04	See graph
Band4	3MHz	16QAM	20175	15RB#0	2.7	3.04	See graph
Band4	3MHz	16QAM	20385	15RB#0	2.7	3.04	See graph
Band4	3MHz	64QAM	19965	15RB#0	2.7	3.02	See graph
Band4	3MHz	64QAM	20175	15RB#0	2.7	3.03	See graph
Band4	3MHz	64QAM	20385	15RB#0	2.69	3.0	See graph
Band4	5MHz	QPSK	19975	25RB#0	4.51	5.08	See graph
Band4	5MHz	QPSK	20175	25RB#0	4.51	5.13	See graph
Band4	5MHz	QPSK	20375	25RB#0	4.51	5.14	See graph
Band4	5MHz	16QAM	19975	25RB#0	4.52	5.13	See graph
Band4	5MHz	16QAM	20175	25RB#0	4.52	5.18	See graph
Band4	5MHz	16QAM	20375	25RB#0	4.51	5.13	See graph
Band4	5MHz	64QAM	19975	25RB#0	4.51	5.13	See graph
Band4	5MHz	64QAM	20175	25RB#0	4.51	5.12	See graph
Band4	5MHz	64QAM	20375	25RB#0	4.51	5.13	See graph
Band4	10MHz	QPSK	20000	50RB#0	9.02	10.09	See graph
Band4	10MHz	QPSK	20175	50RB#0	9.01	10.07	See graph
Band4	10MHz	QPSK	20350	50RB#0	9.01	10.13	See graph
Band4	10MHz	16QAM	20000	50RB#0	9.02	10.07	See graph

Band4	10MHz	16QAM	20175	50RB#0	9.02	10.07	See graph
Band4	10MHz	16QAM	20350	50RB#0	9.02	10.07	See graph
Band4	10MHz	64QAM	20000	50RB#0	9.02	10.01	See graph
Band4	10MHz	64QAM	20175	50RB#0	9.01	10.01	See graph
Band4	10MHz	64QAM	20350	50RB#0	9.01	10.09	See graph
Band4	15MHz	QPSK	20025	75RB#0	13.51	14.96	See graph
Band4	15MHz	QPSK	20175	75RB#0	13.52	15.07	See graph
Band4	15MHz	QPSK	20325	75RB#0	13.51	15.04	See graph
Band4	15MHz	16QAM	20025	75RB#0	13.5	14.96	See graph
Band4	15MHz	16QAM	20175	75RB#0	13.51	14.98	See graph
Band4	15MHz	16QAM	20325	75RB#0	13.52	15.07	See graph
Band4	15MHz	64QAM	20025	75RB#0	13.51	15.02	See graph
Band4	15MHz	64QAM	20175	75RB#0	13.48	14.93	See graph
Band4	15MHz	64QAM	20325	75RB#0	13.49	14.98	See graph
Band4	20MHz	QPSK	20050	100RB#0	18.1	19.98	See graph
Band4	20MHz	QPSK	20175	100RB#0	18.03	20.02	See graph
Band4	20MHz	QPSK	20300	100RB#0	18.1	20.02	See graph
Band4	20MHz	16QAM	20050	100RB#0	18.08	20.14	See graph
Band4	20MHz	16QAM	20175	100RB#0	18.05	19.9	See graph
Band4	20MHz	16QAM	20300	100RB#0	18.09	19.94	See graph
Band4	20MHz	64QAM	20050	100RB#0	18.07	20.02	See graph
Band4	20MHz	64QAM	20175	100RB#0	18.05	20.02	See graph
Band4	20MHz	64QAM	20300	100RB#0	18.08	20.06	See graph

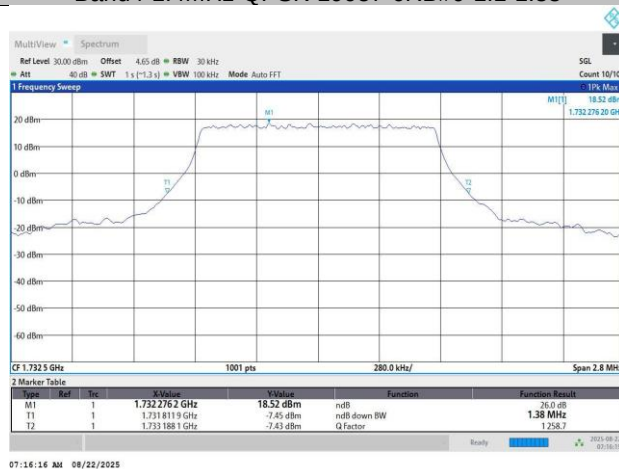
3.2 Test Plots



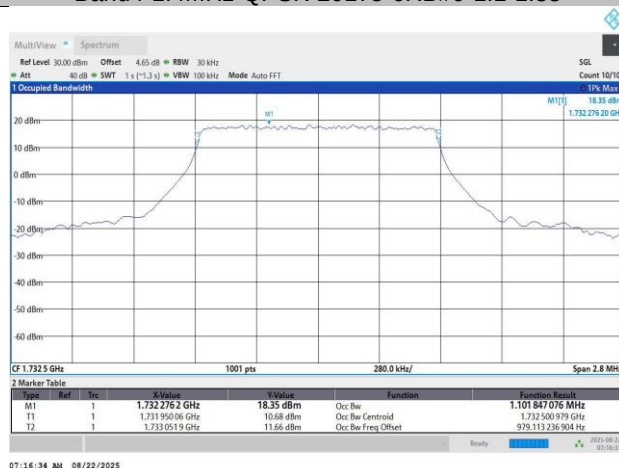
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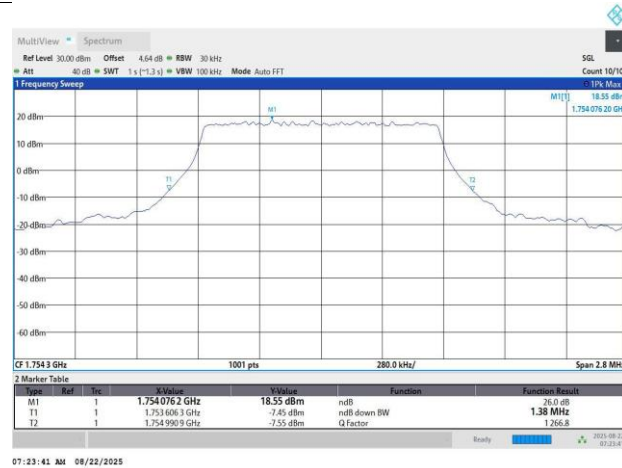
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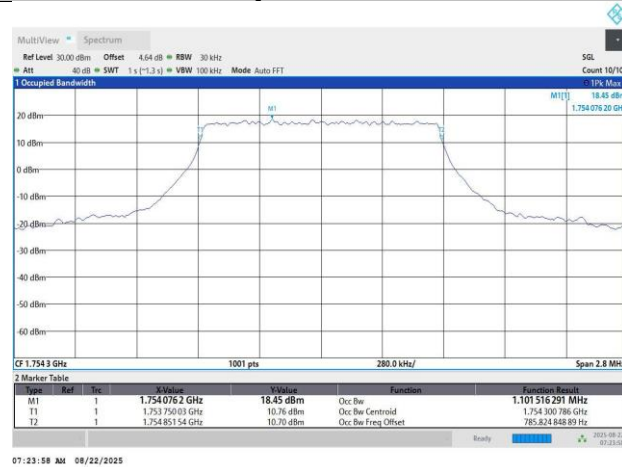
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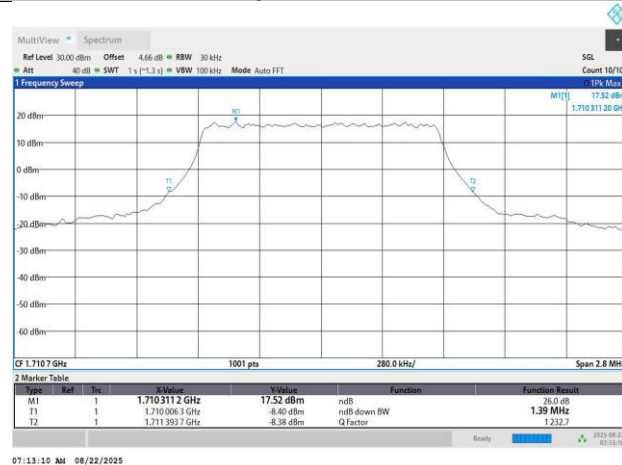
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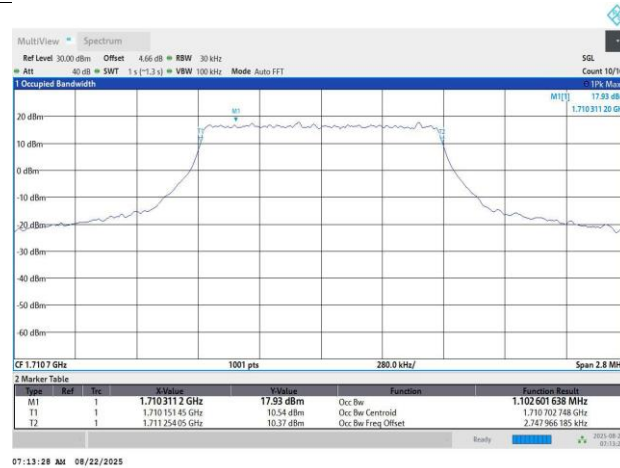
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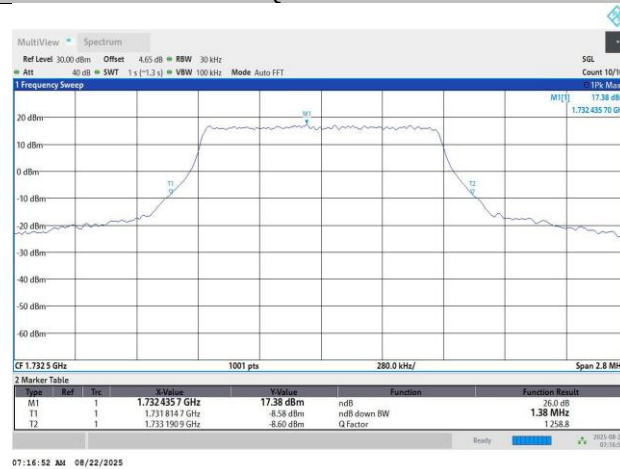
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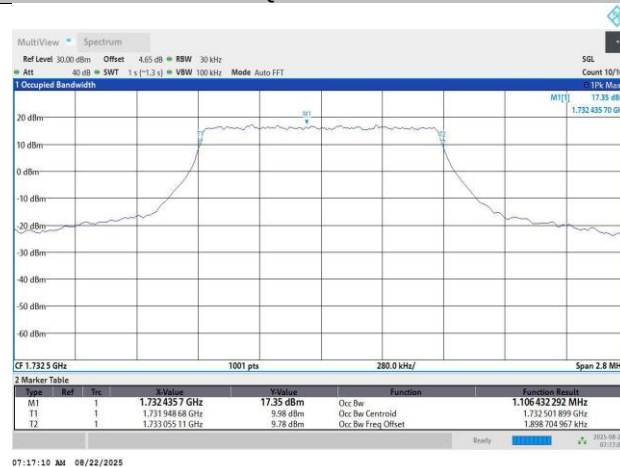
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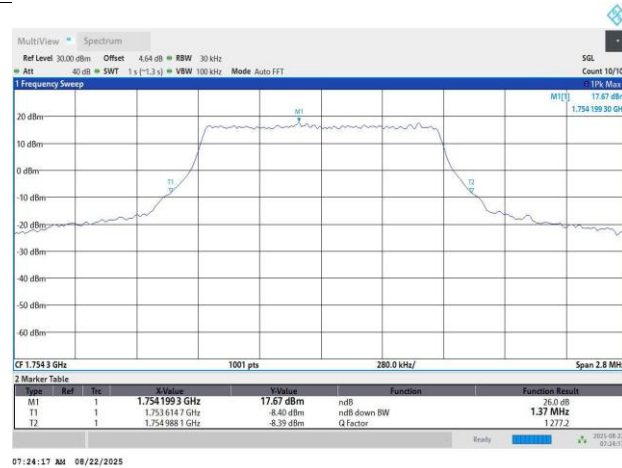
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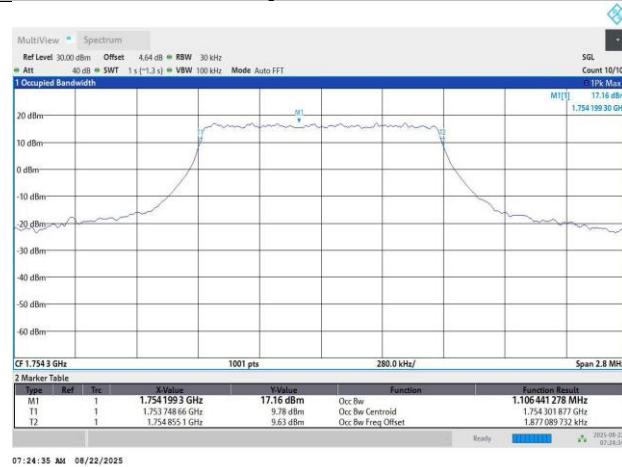
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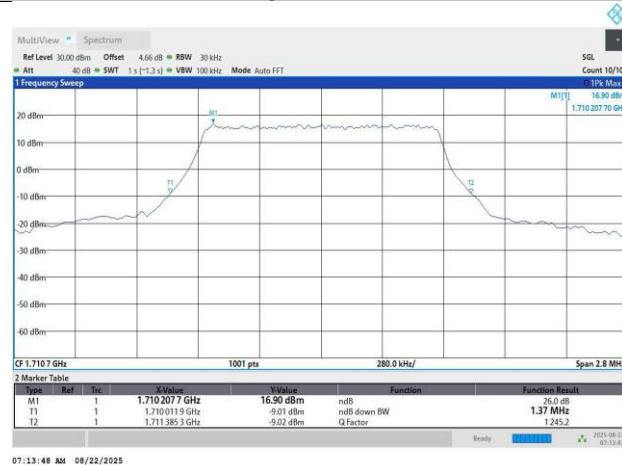
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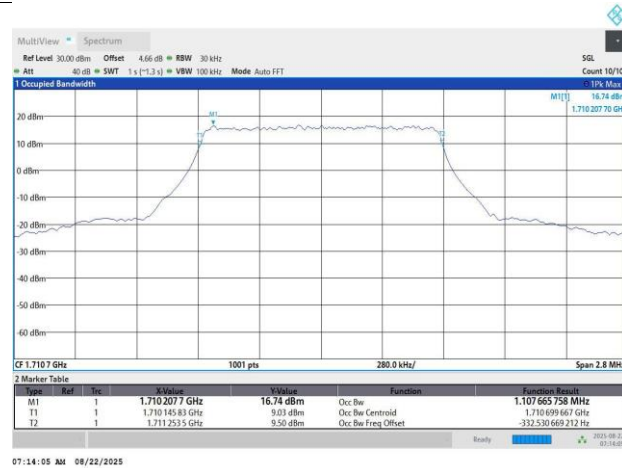
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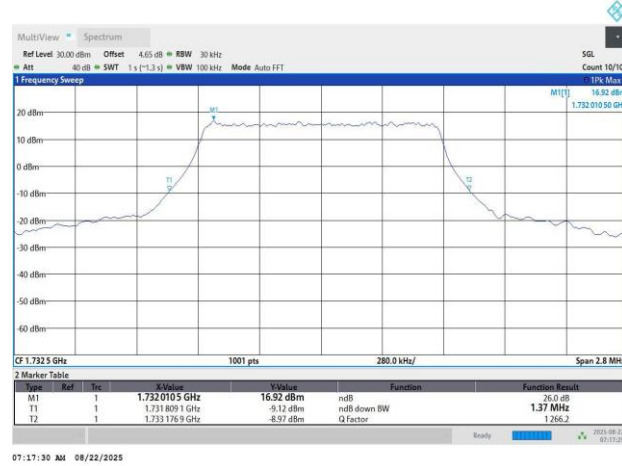
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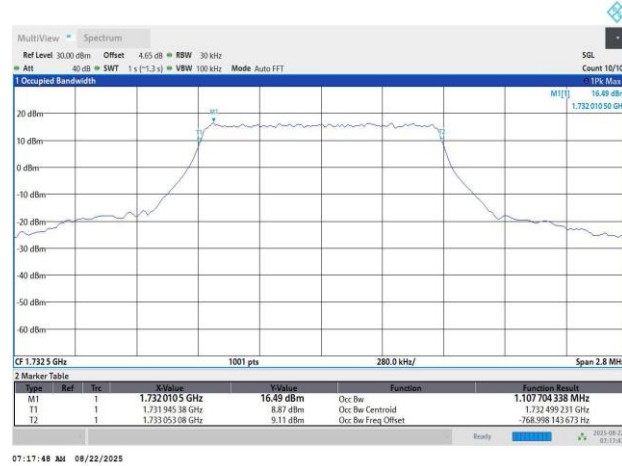
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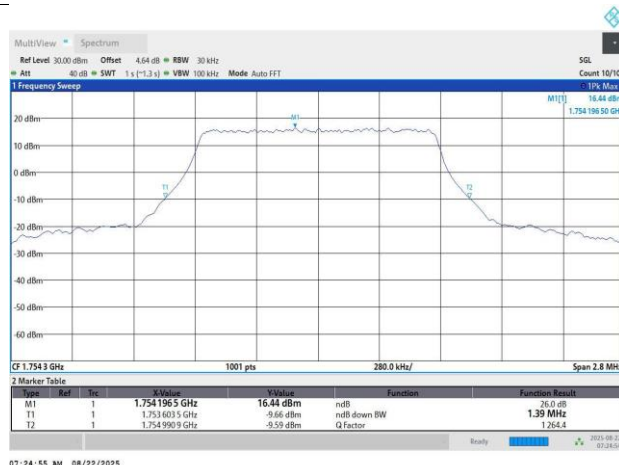
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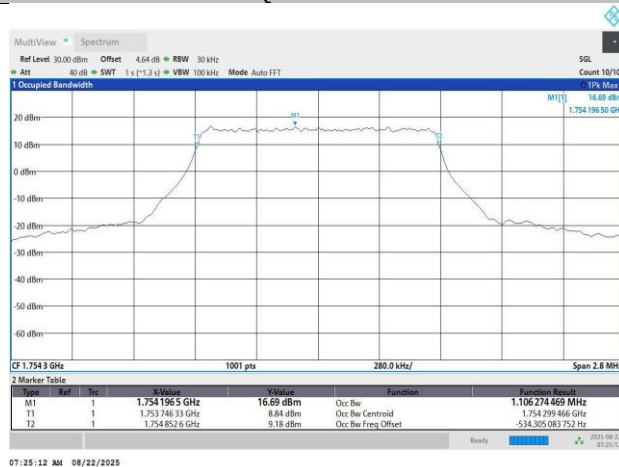
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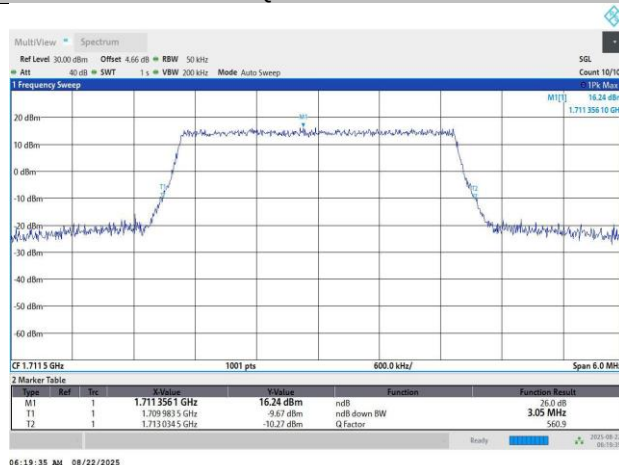
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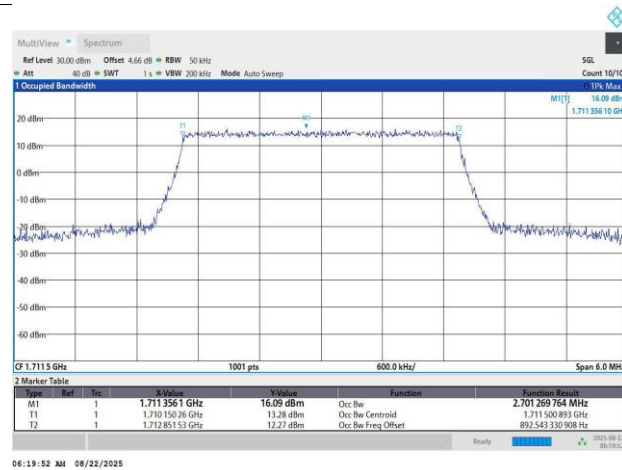
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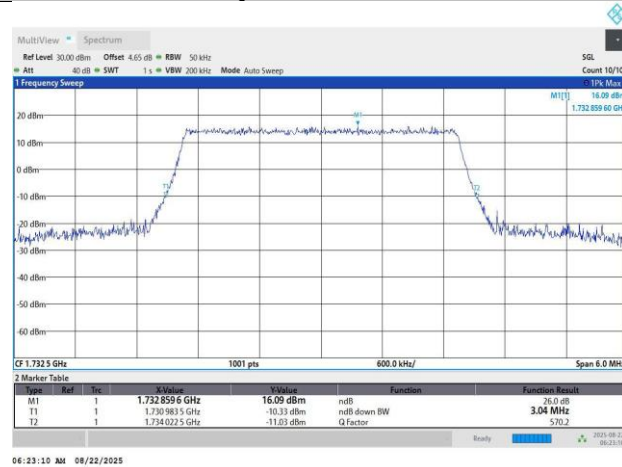
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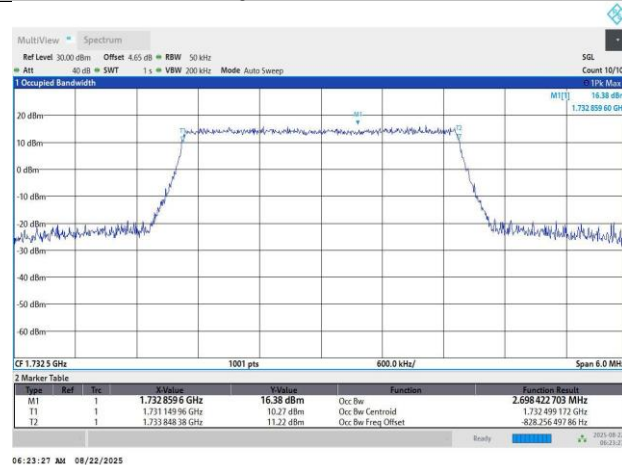
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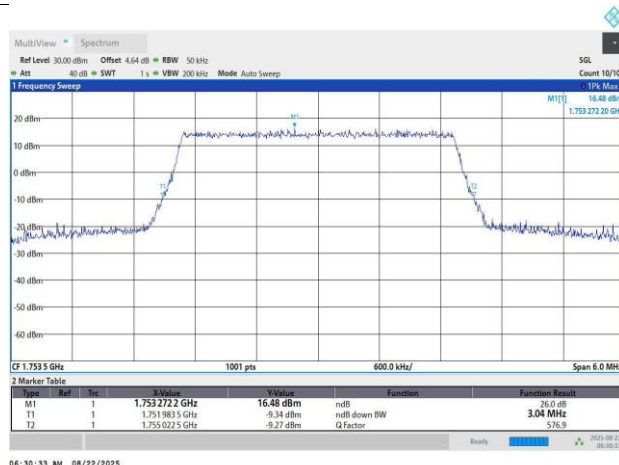
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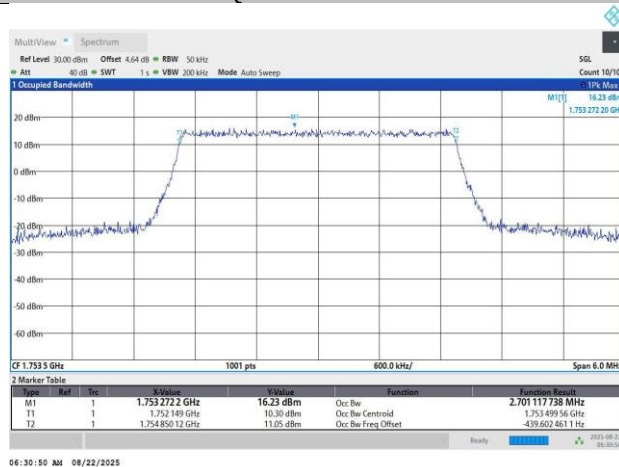
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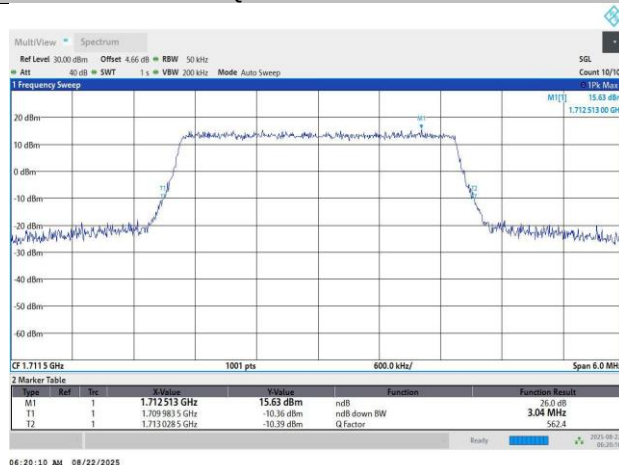
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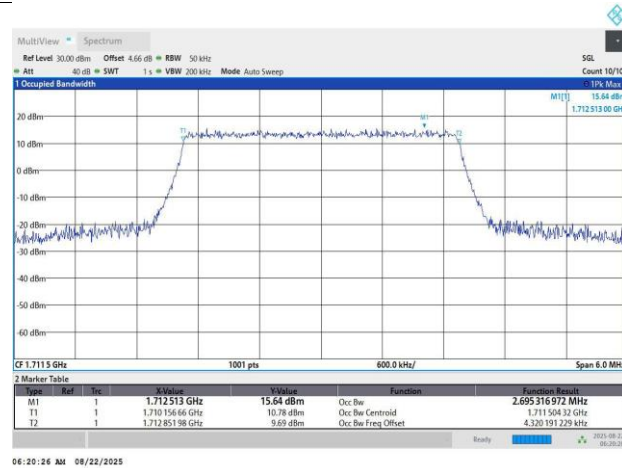
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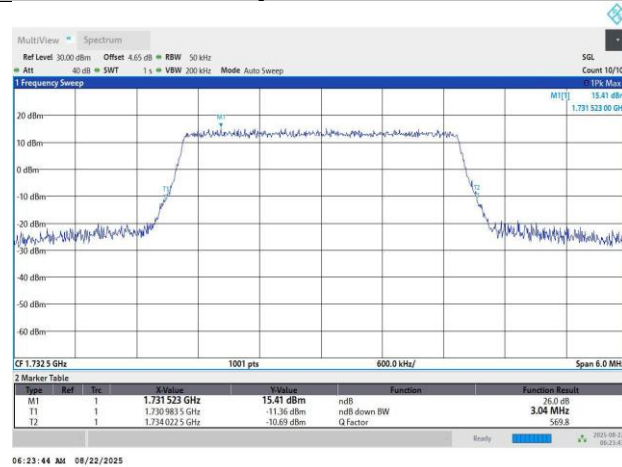
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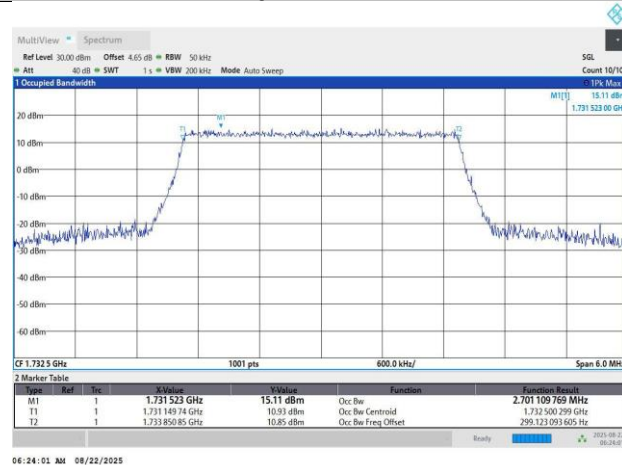
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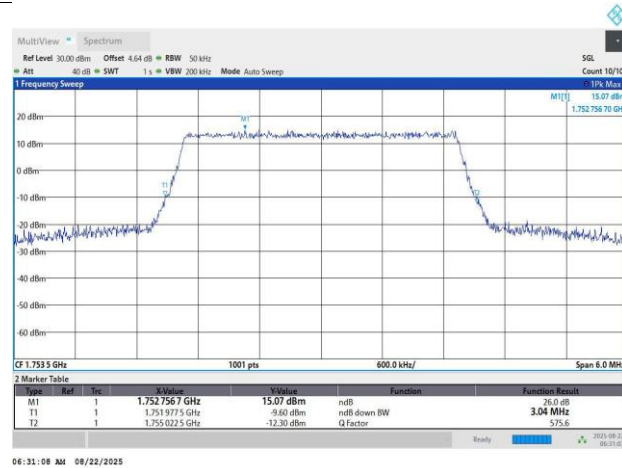
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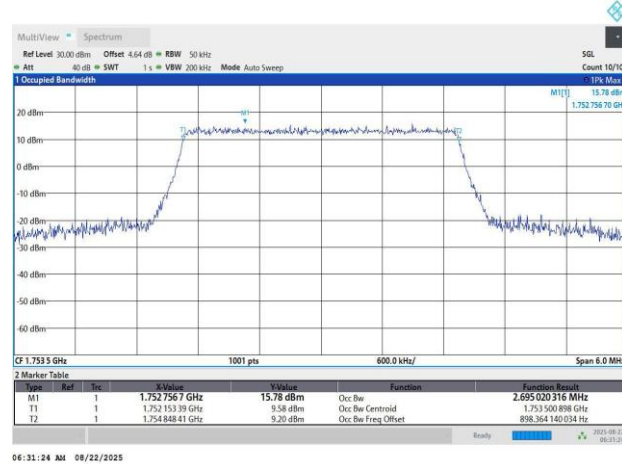
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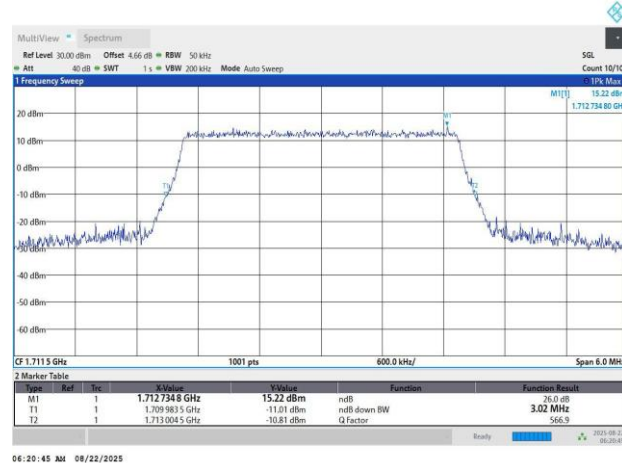
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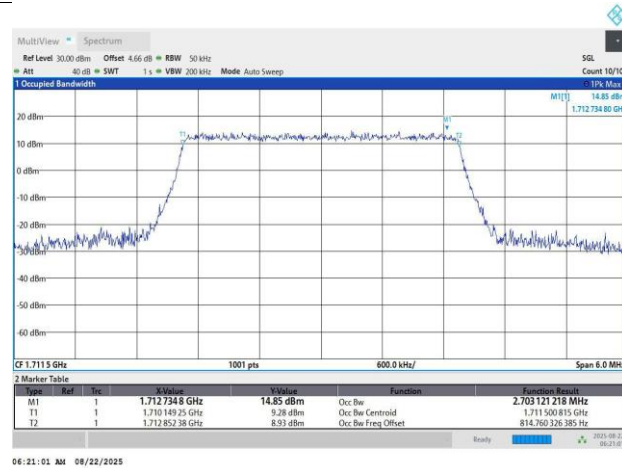
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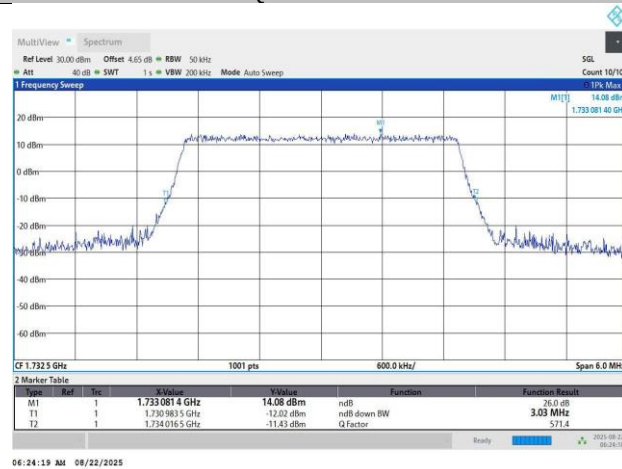
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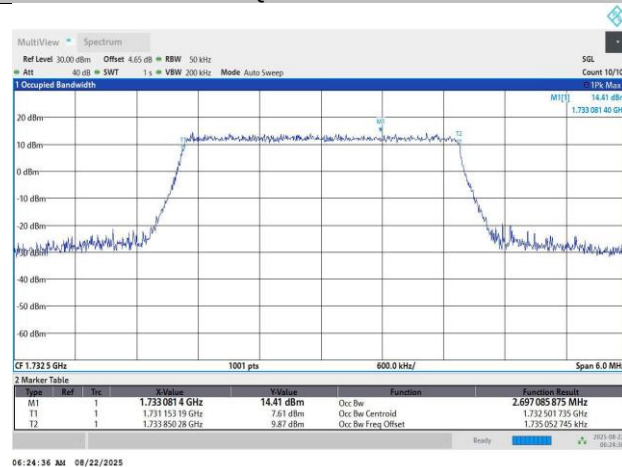
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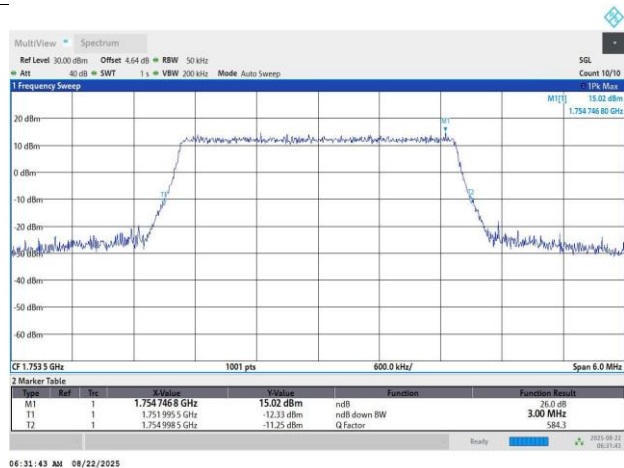
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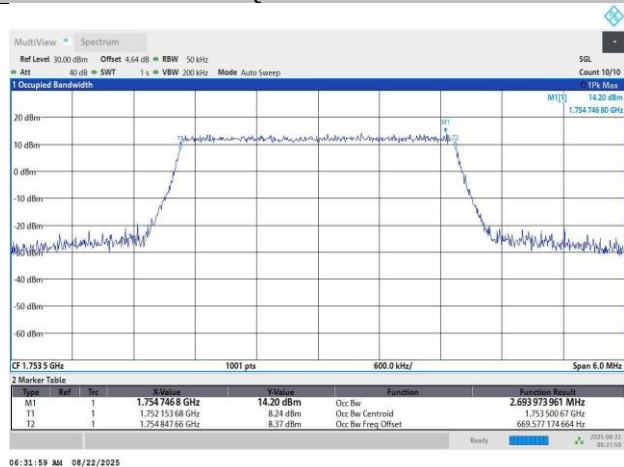
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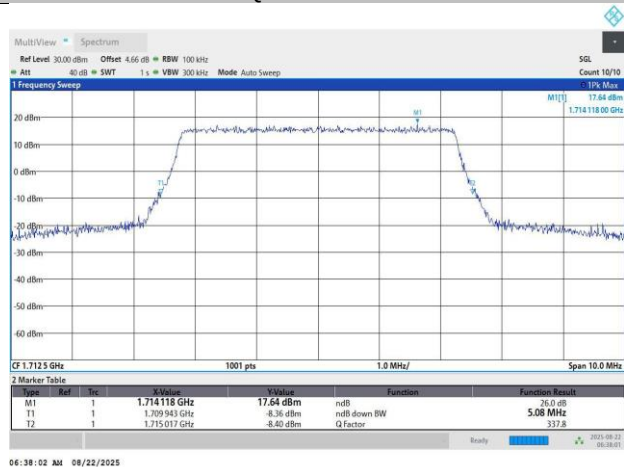
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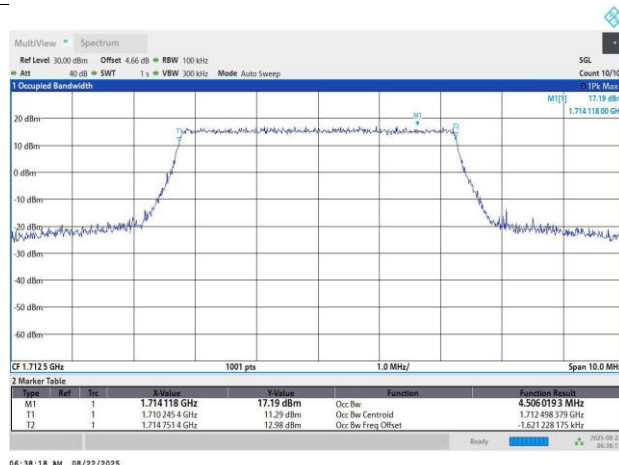
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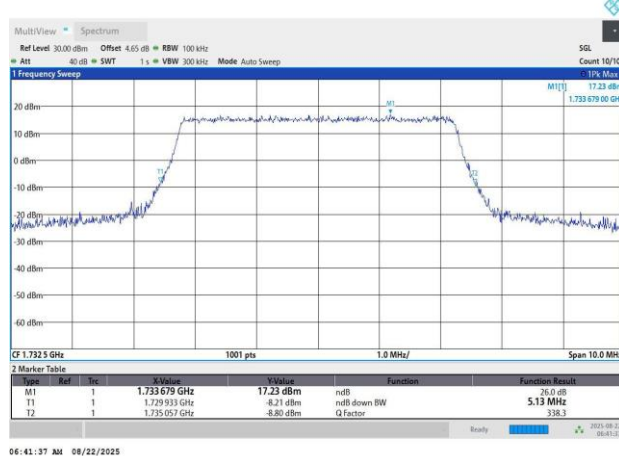
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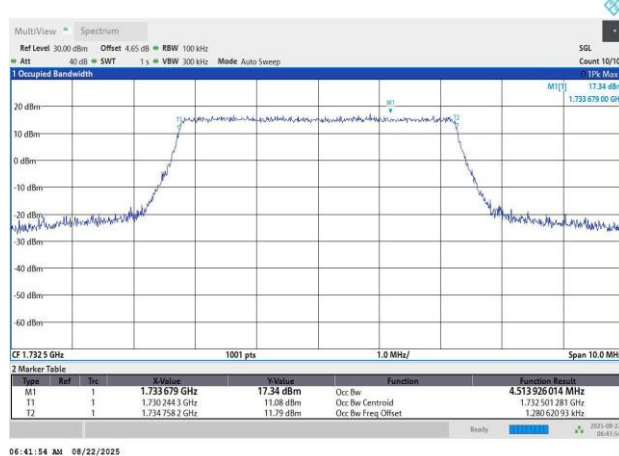
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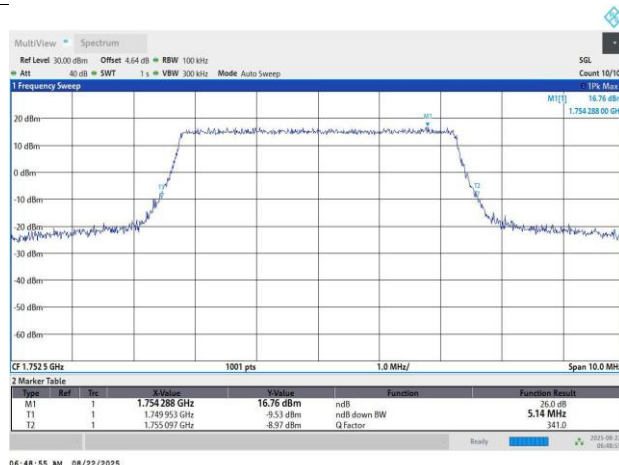
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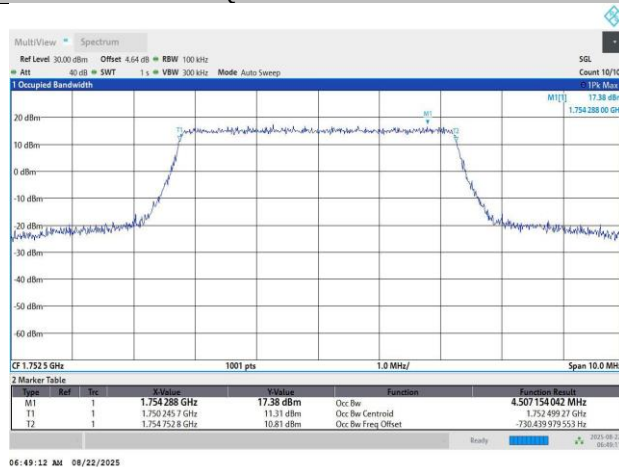
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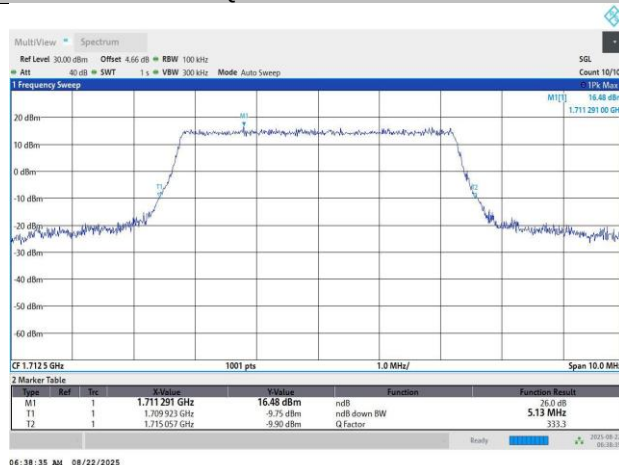
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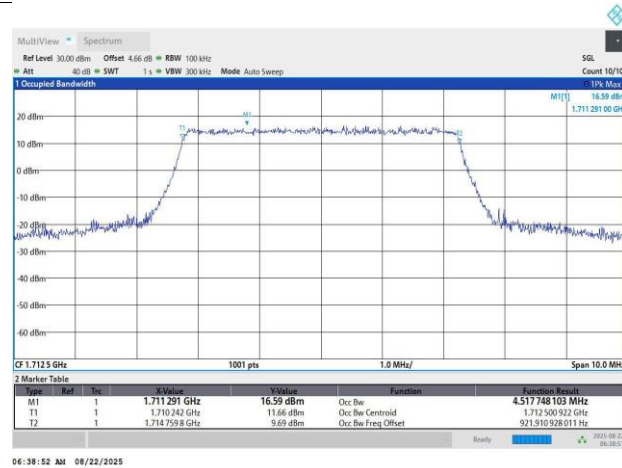
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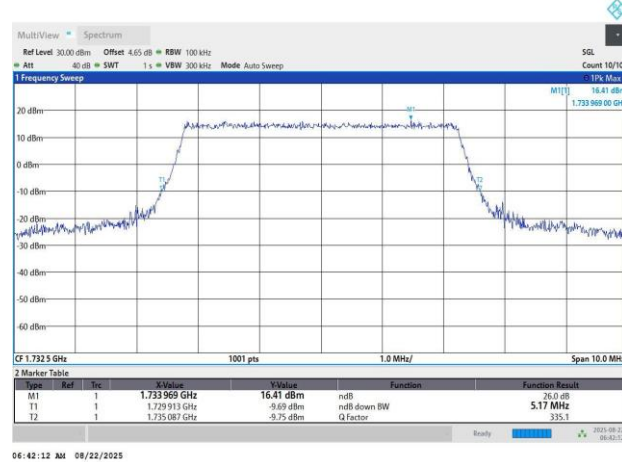
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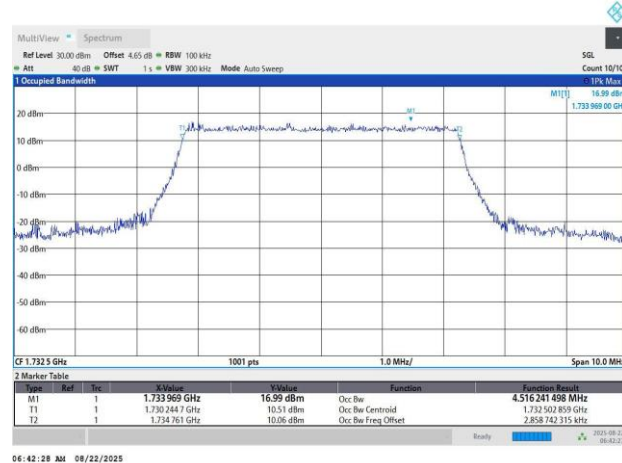
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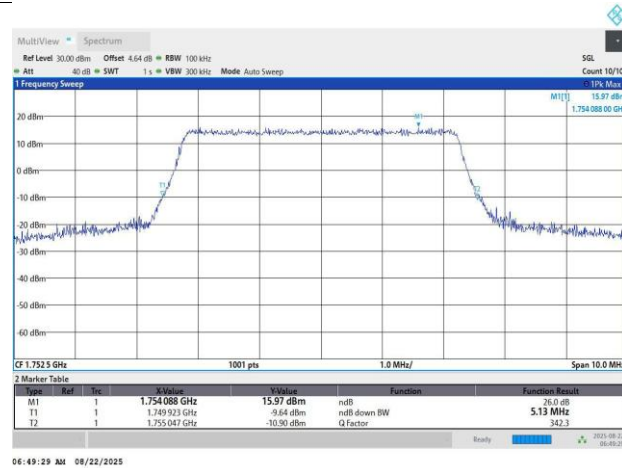
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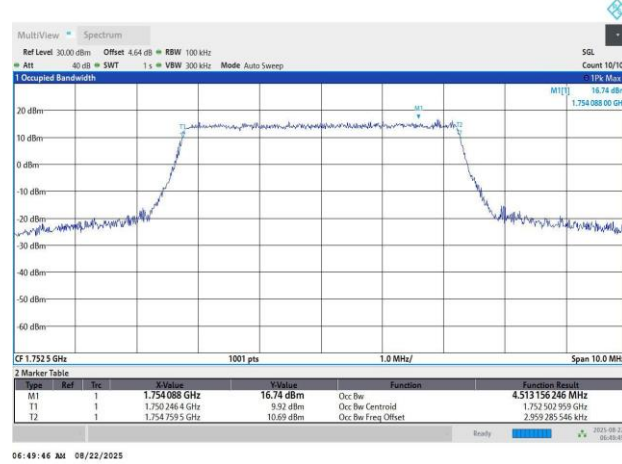
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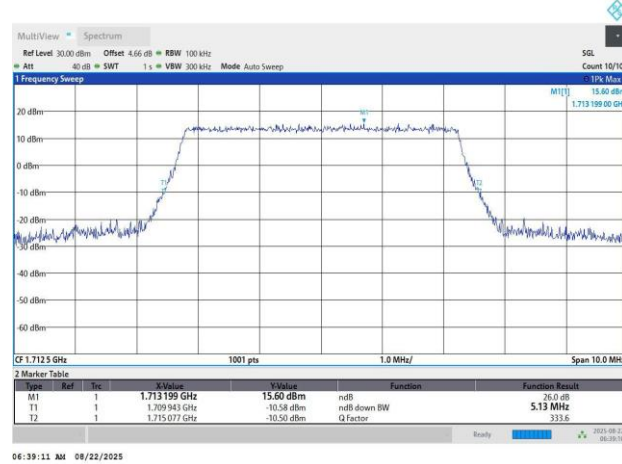
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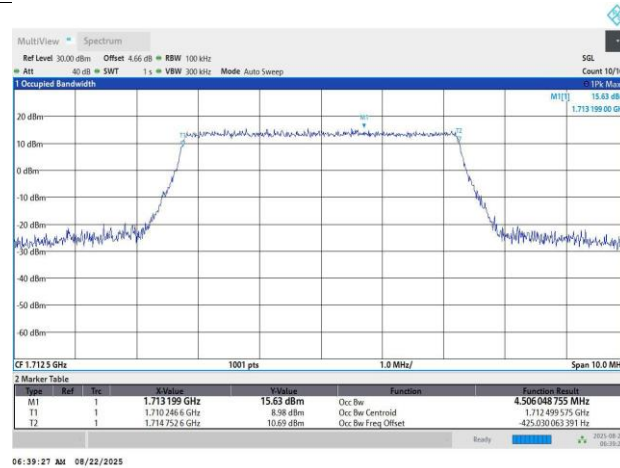
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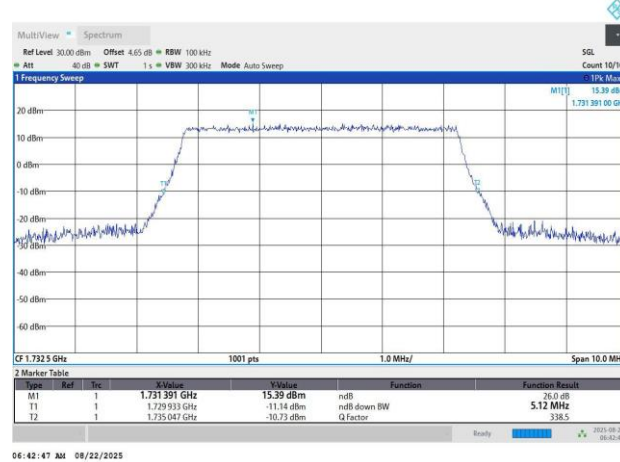
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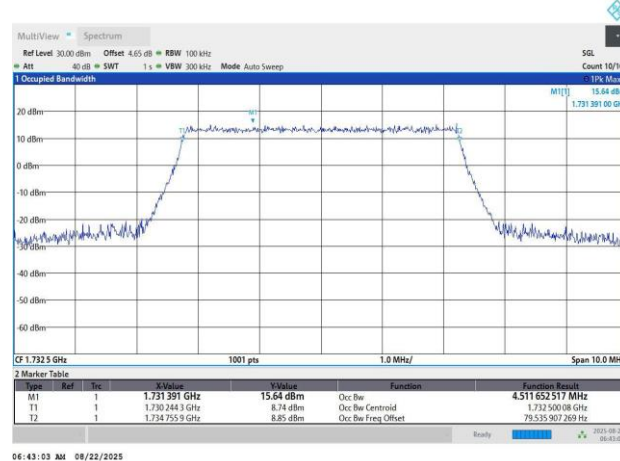
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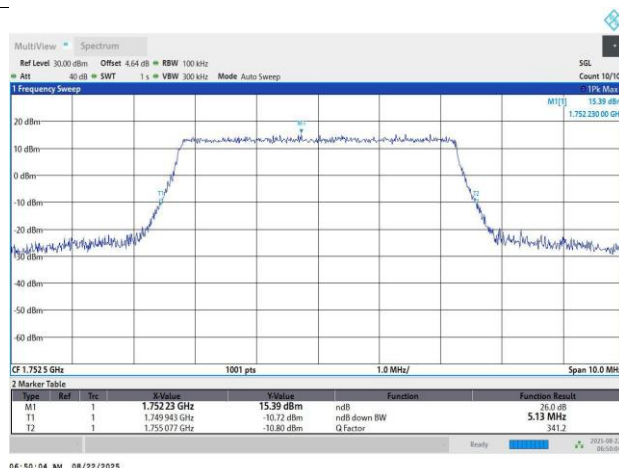
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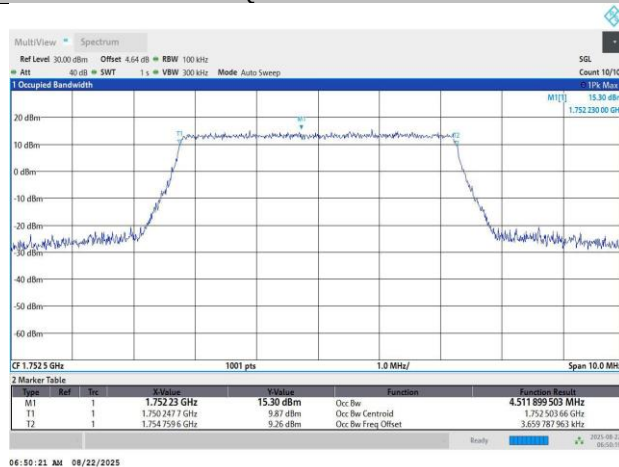
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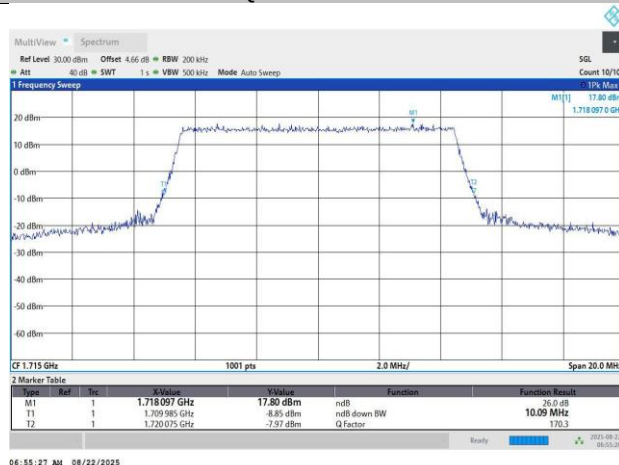
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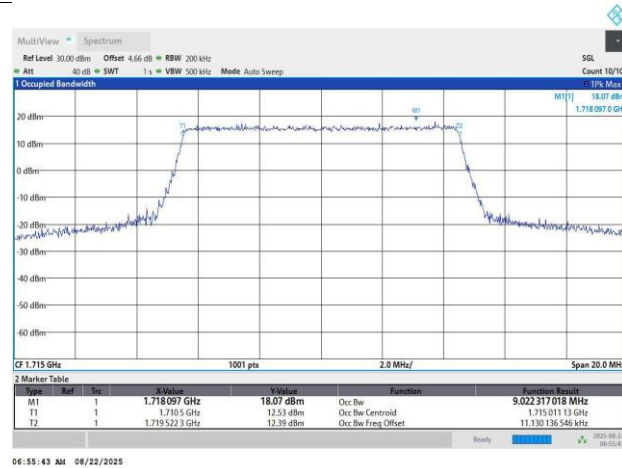
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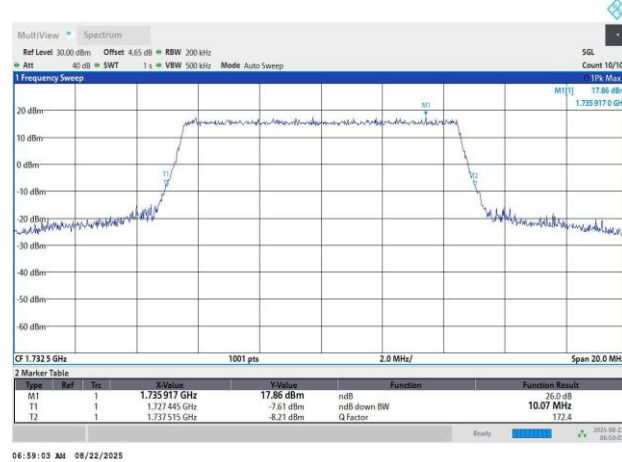
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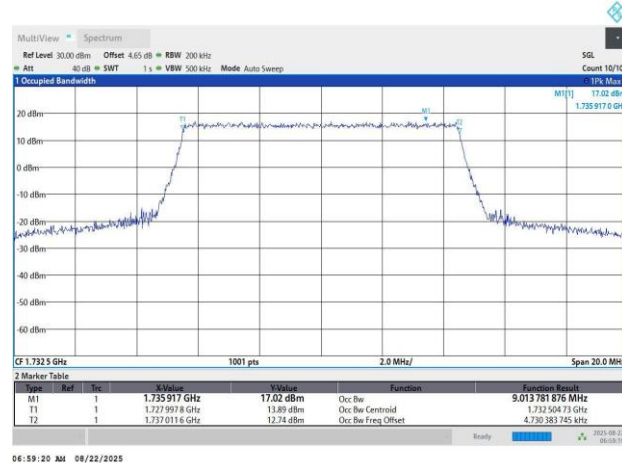
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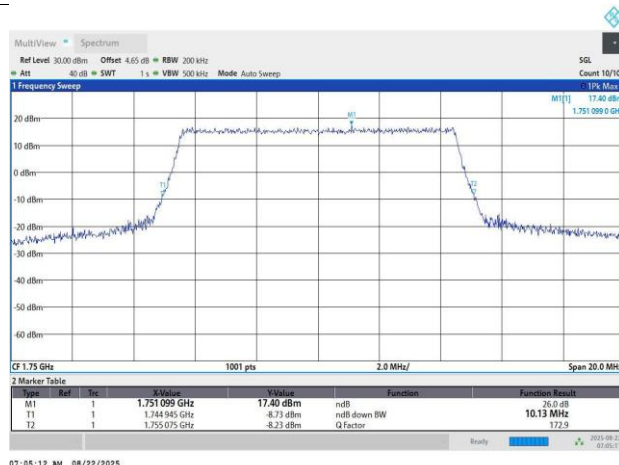
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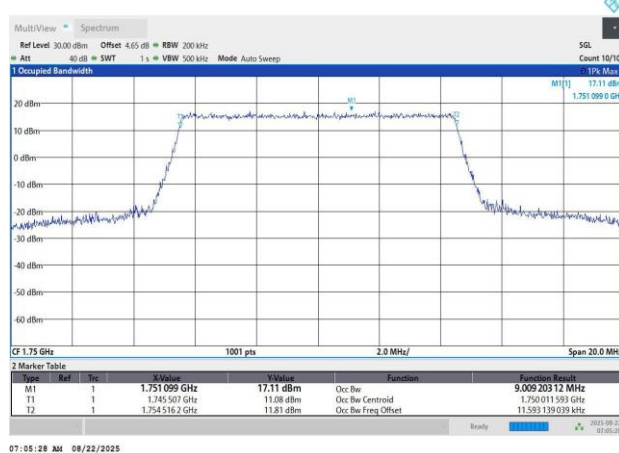
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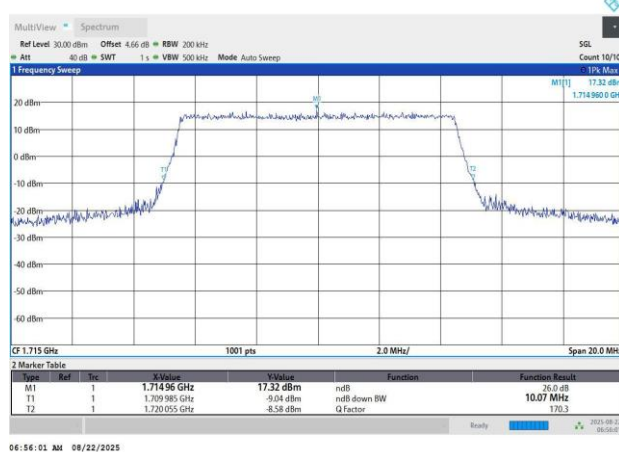
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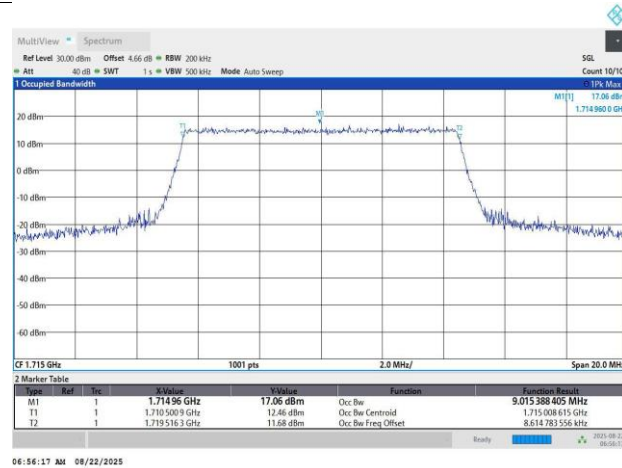
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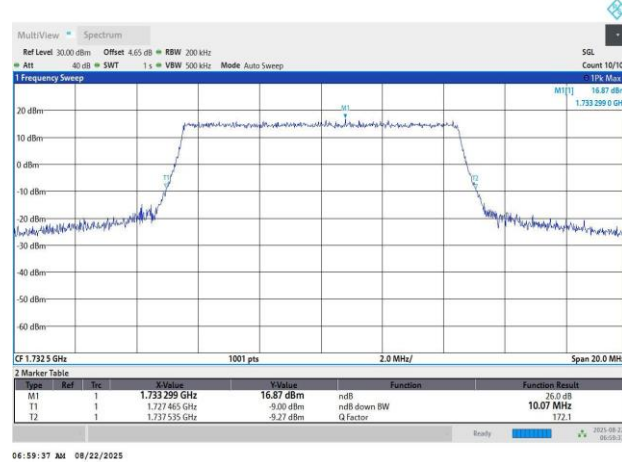
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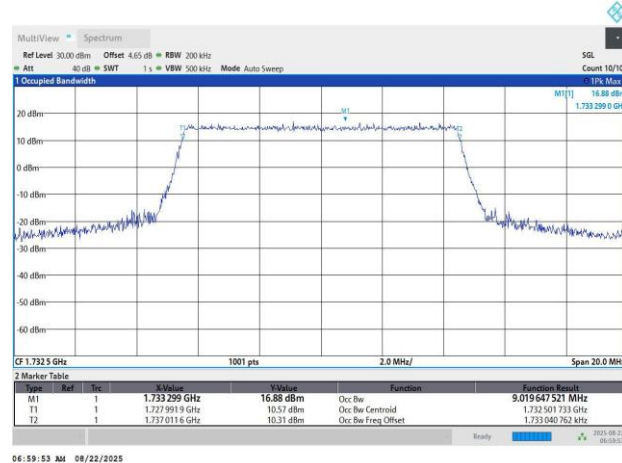
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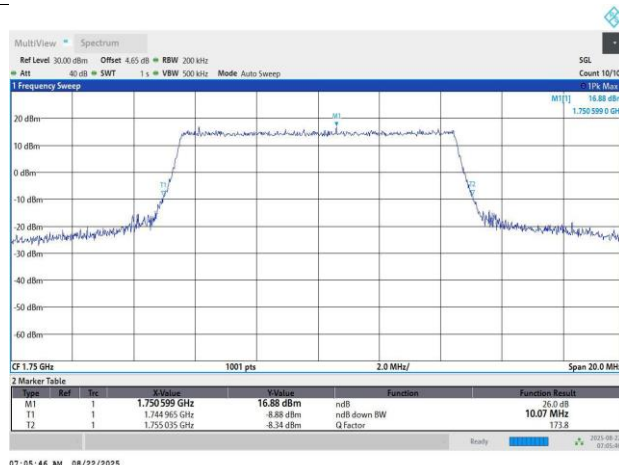
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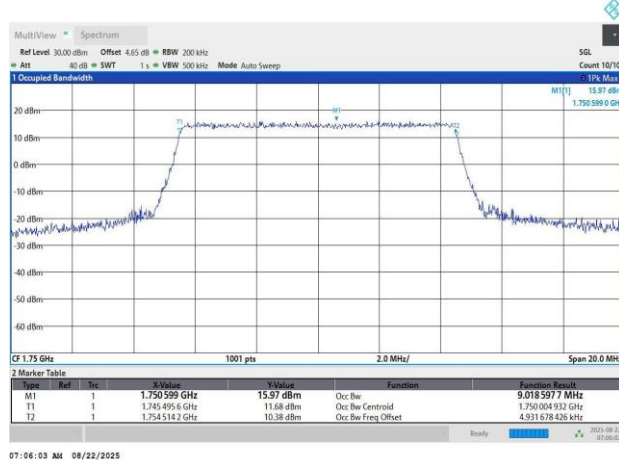
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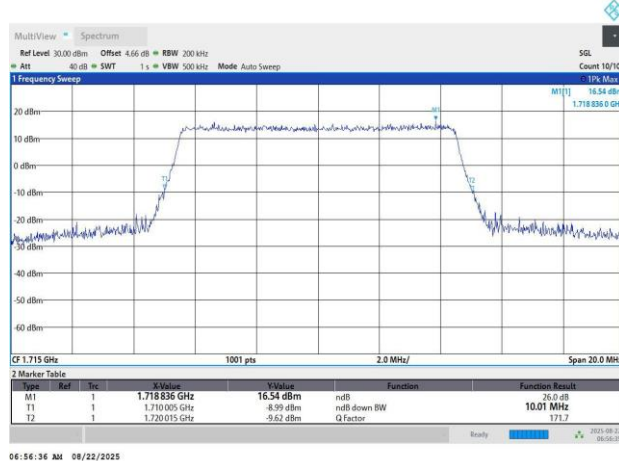
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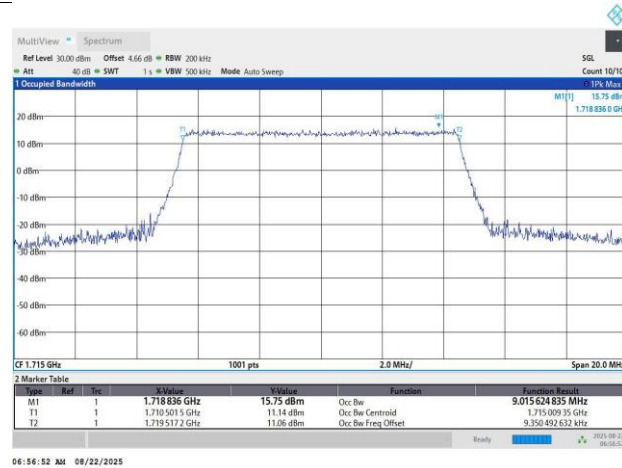
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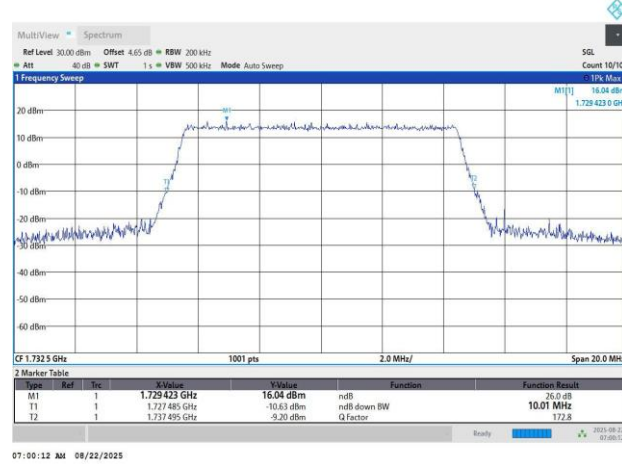
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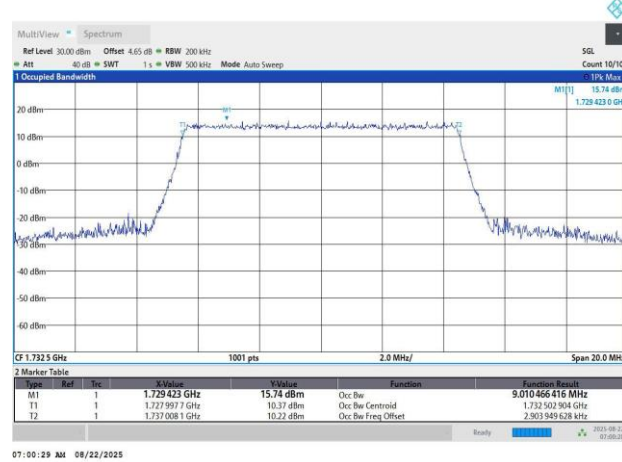
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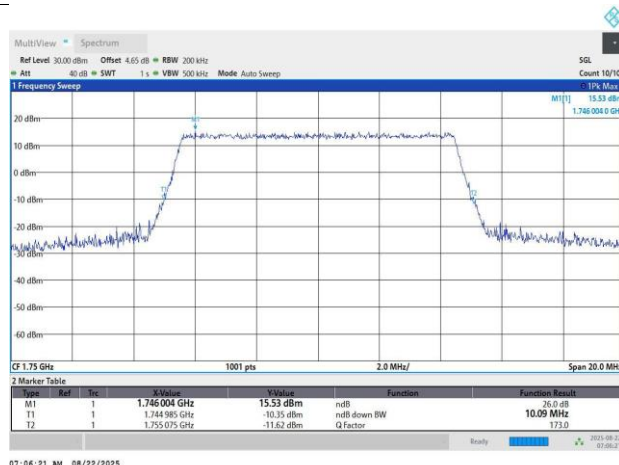
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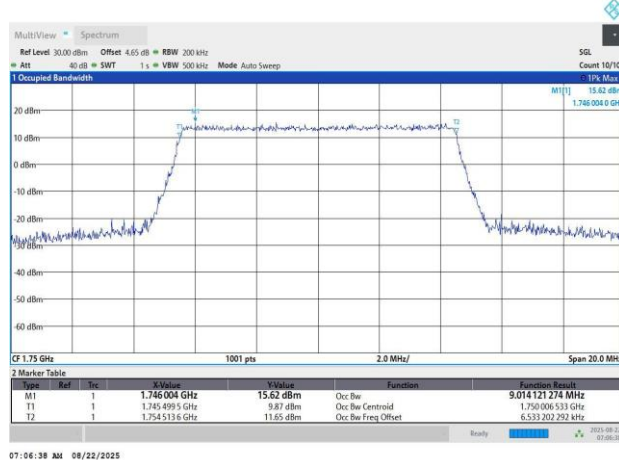
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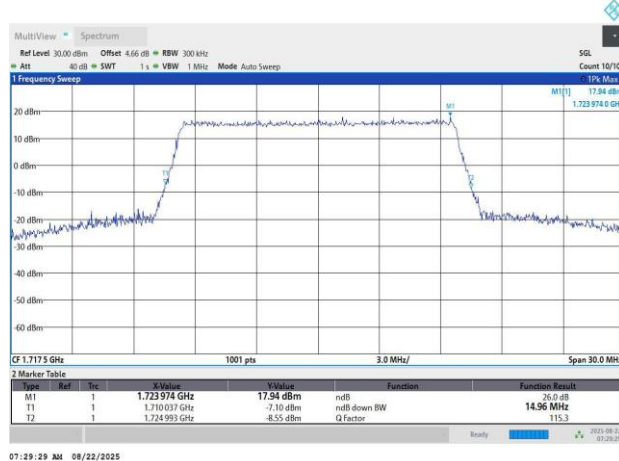
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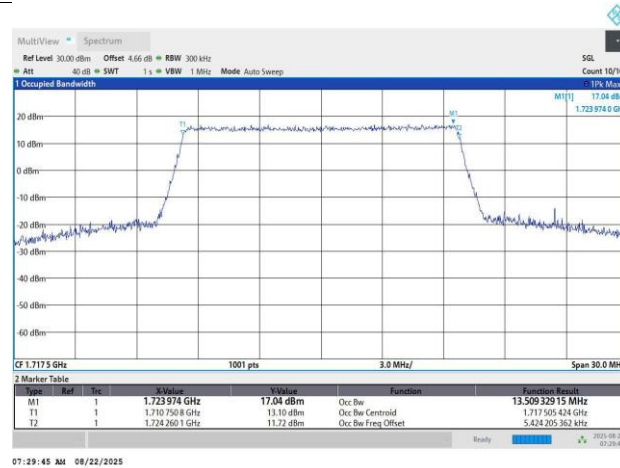
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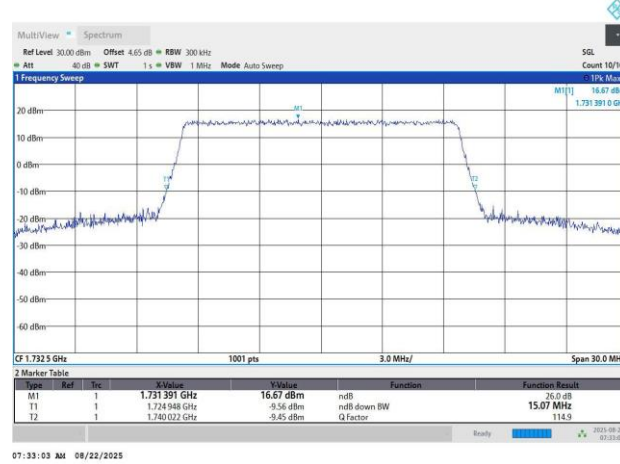
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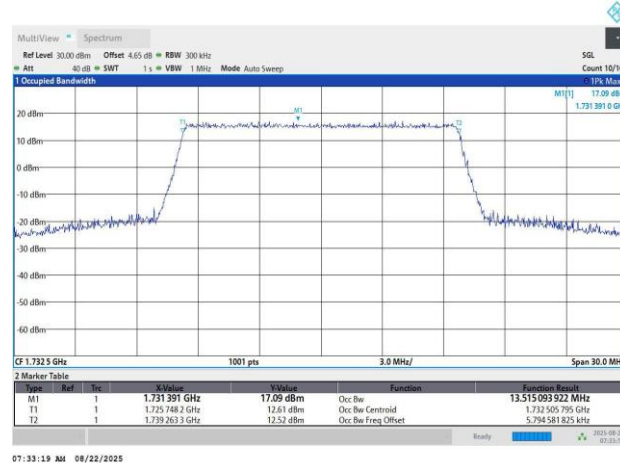
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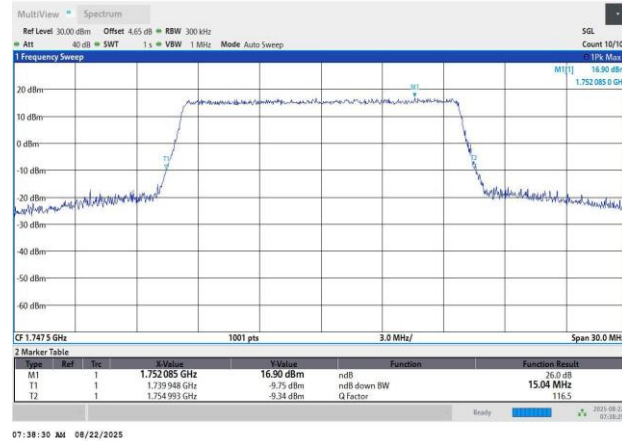
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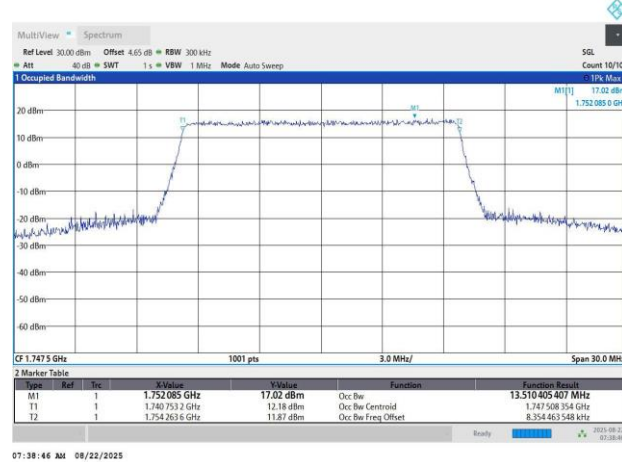
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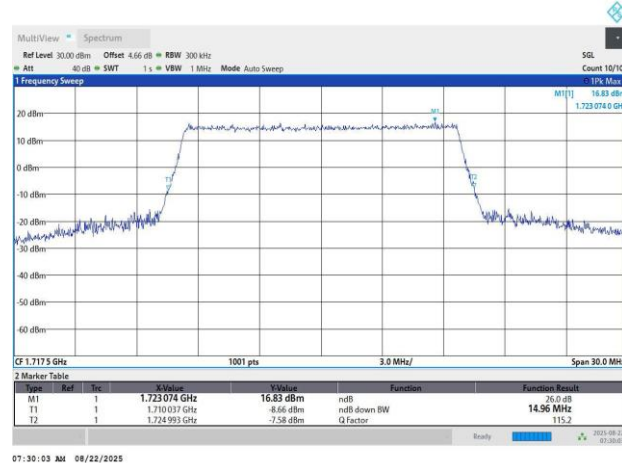
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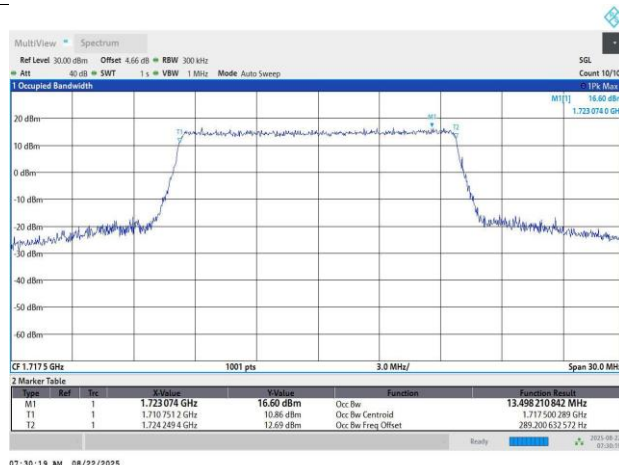
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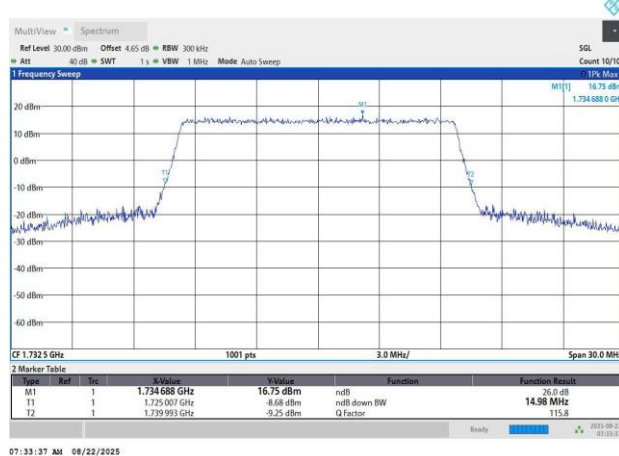
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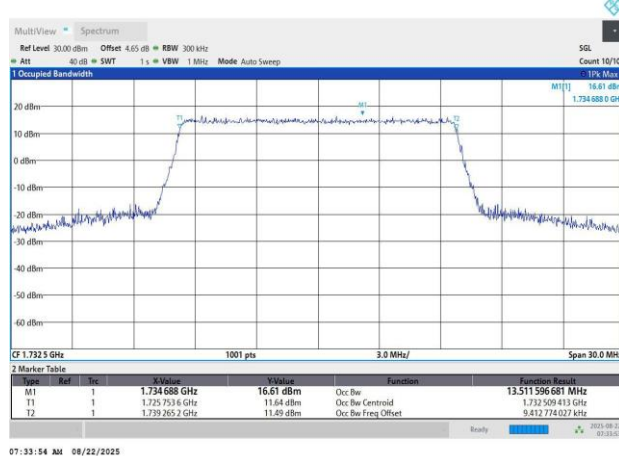
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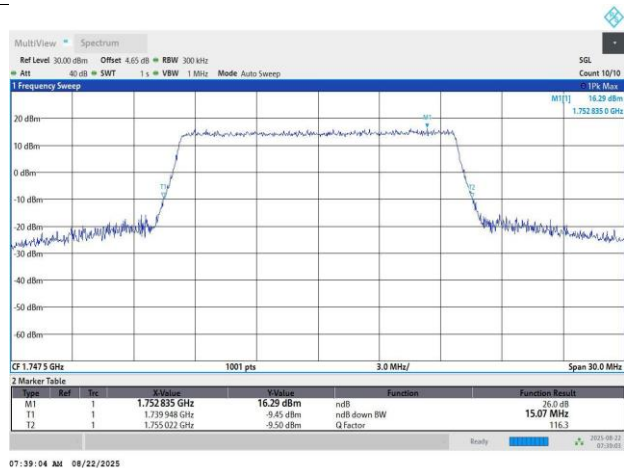
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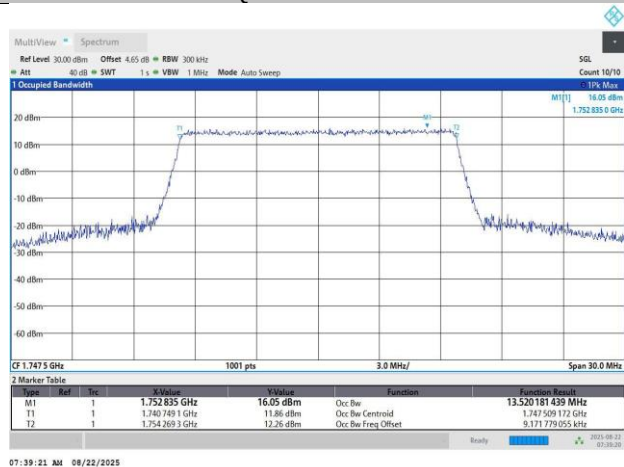
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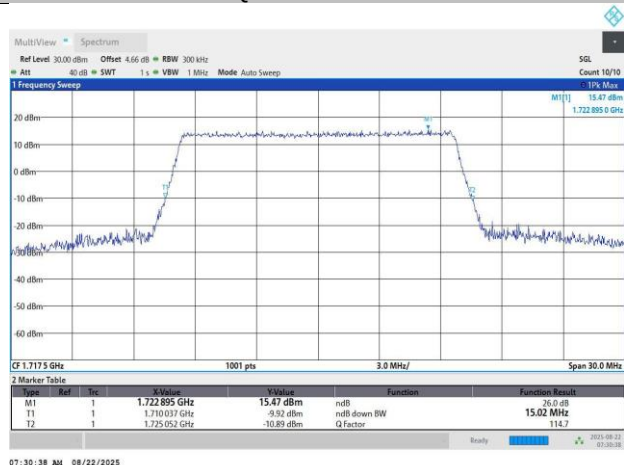
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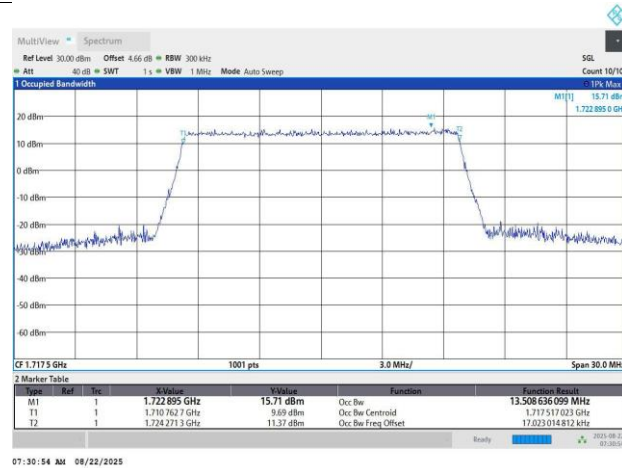
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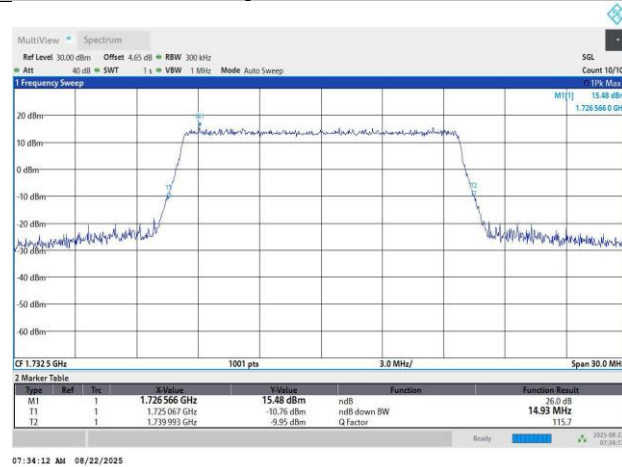
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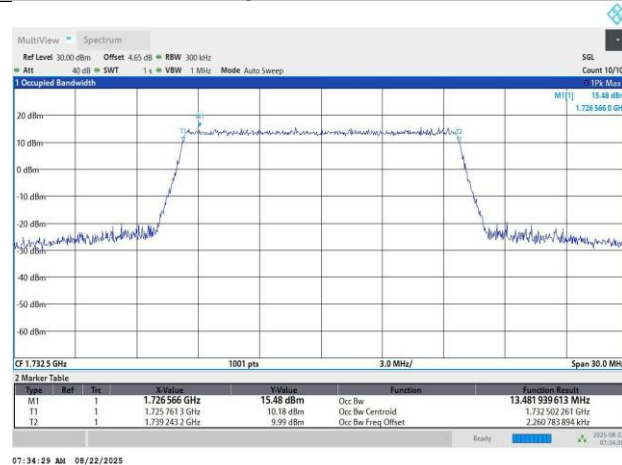
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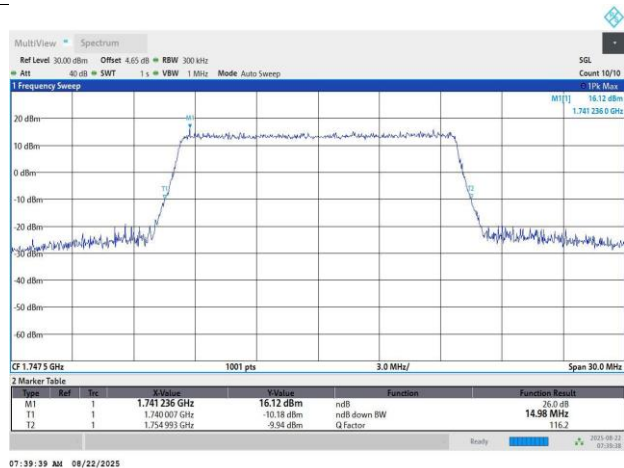
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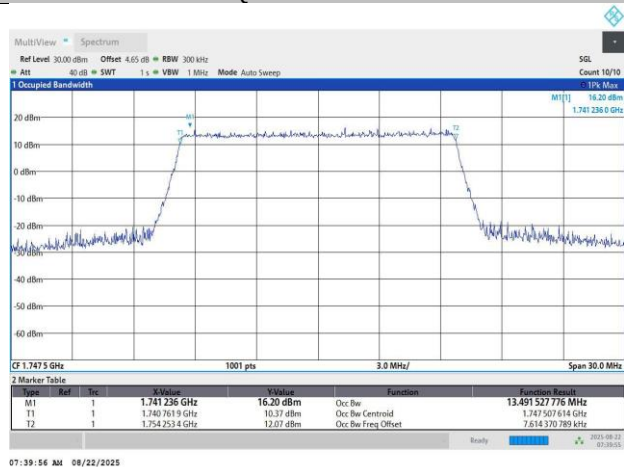
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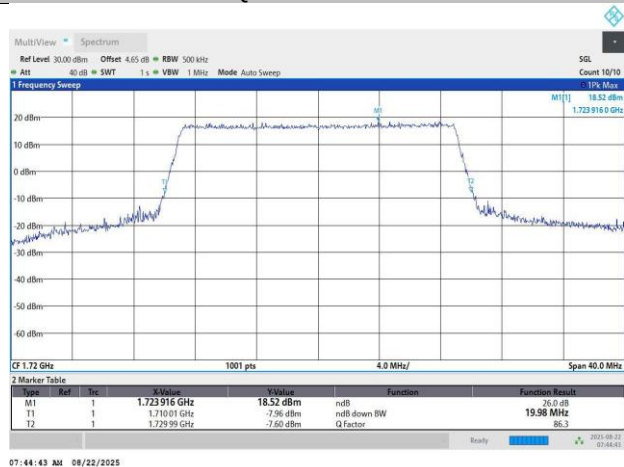
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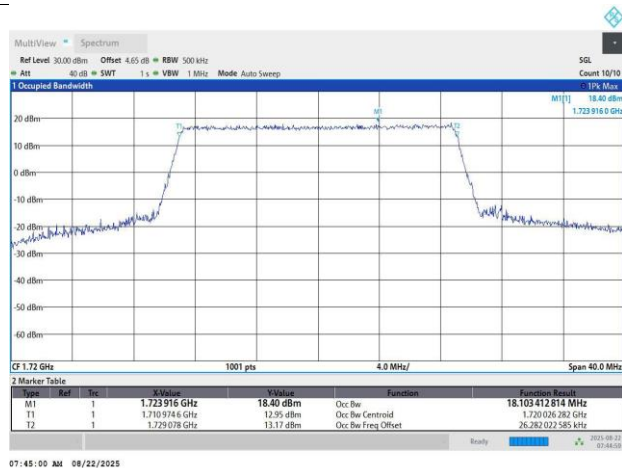
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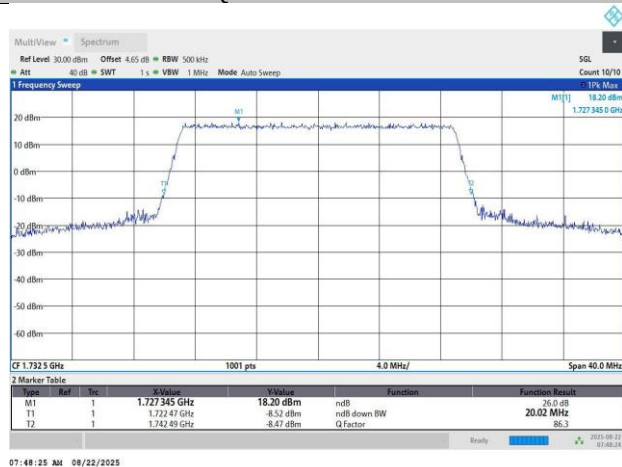
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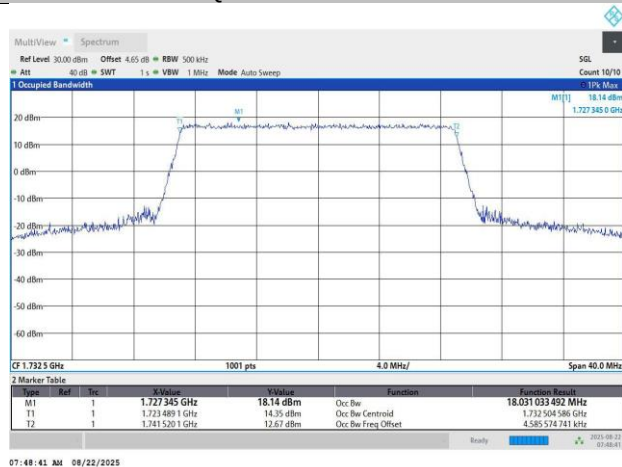
Band4-20MHz-QPSK-20050-100RB#0-18.1-19.98



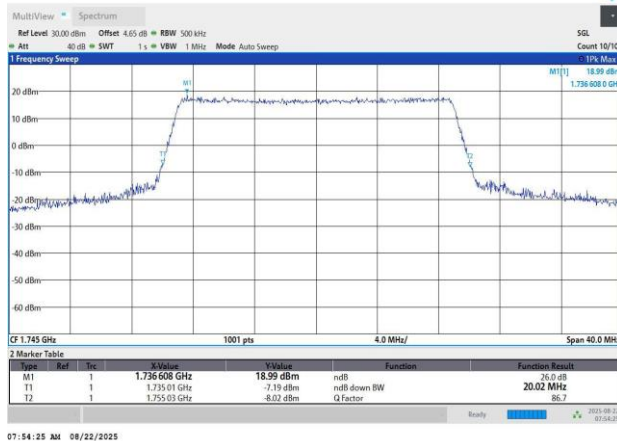
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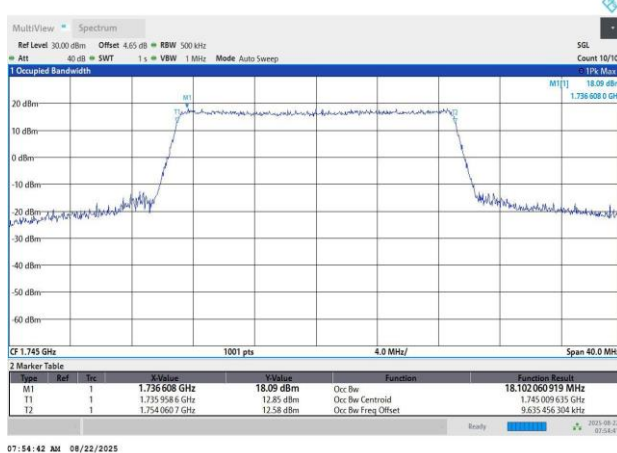
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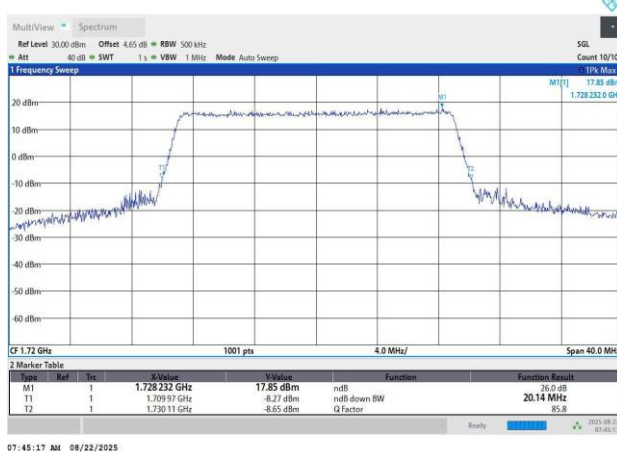
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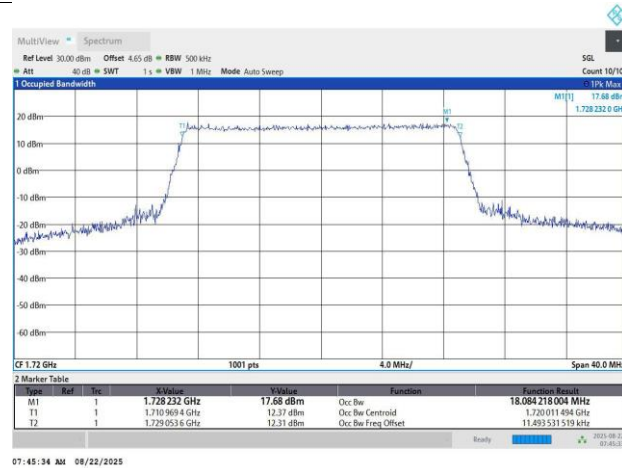
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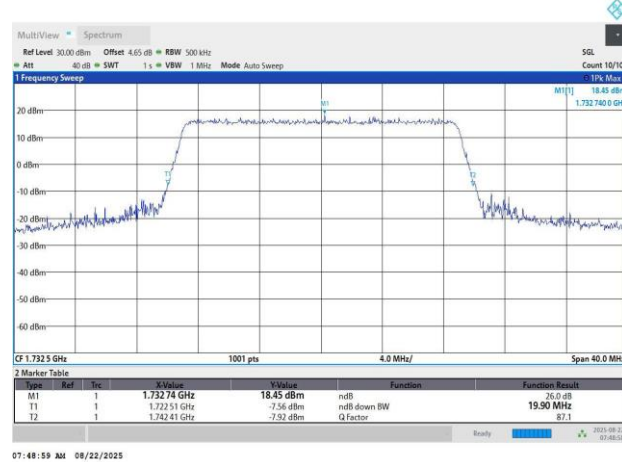
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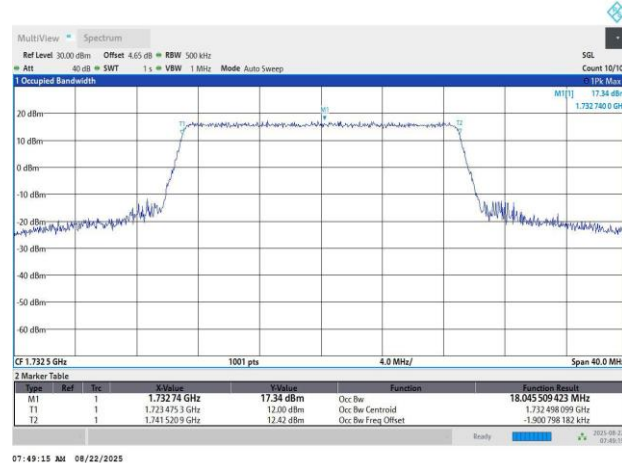
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Band4-20MHz-16QAM-20050-100RB#0-18.08-20.14



Band4-20MHz-16QAM-20175-100RB#0-18.05-19.9



Band4-20MHz-16QAM-20175-100RB#0-18.05-19.9