

Appendix for Band n77(3700-3980)

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

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Band	SCS	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	647000	1RB#1	23.68	25.38	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	647000	1RB#1	22.88	24.58	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	647000	1RB#1	23.72	25.42	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	647000	1RB#22	23.76	25.46	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	647000	1RB#22	22.9	24.6	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	647000	1RB#22	23.78	25.48	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	647000	12RB#6	23.83	25.53	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	647000	12RB#6	22.71	24.41	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	647000	12RB#6	23.73	25.43	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.42	25.12	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.62	24.32	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.64	25.34	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#22	23.4	25.1	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	656000	1RB#22	22.55	24.25	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	656000	1RB#22	23.62	25.32	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	656000	12RB#6	23.35	25.05	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	656000	12RB#6	22.38	24.08	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	656000	12RB#6	23.62	25.32	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	665000	1RB#1	23.46	25.16	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	665000	1RB#1	22.76	24.46	30	PASS

N77	30KHz	10MHz	DFT-s-OFDM QPSK	665000	1RB#1	23.62	25.32	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	665000	1RB#22	23.57	25.27	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	665000	1RB#22	22.67	24.37	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	665000	1RB#22	23.76	25.46	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	665000	12RB#6	23.61	25.31	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM 16QAM	665000	12RB#6	22.5	24.2	30	PASS
N77	30KHz	10MHz	DFT-s-OFDM QPSK	665000	12RB#6	23.55	25.25	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	647168	1RB#1	23.6	25.3	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	647168	1RB#1	22.72	24.42	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	647168	1RB#1	23.59	25.29	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	647168	1RB#36	23.7	25.4	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	647168	1RB#36	22.92	24.62	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	647168	1RB#36	23.71	25.41	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	647168	18RB#9	23.74	25.44	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	647168	18RB#9	22.81	24.51	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	647168	18RB#9	23.96	25.66	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.43	25.13	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.84	24.54	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.46	25.16	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#36	23.65	25.35	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	656000	1RB#36	22.65	24.35	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	656000	1RB#36	23.73	25.43	30	PASS

N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	656000	18RB#9	23.46	25.16	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	656000	18RB#9	22.4	24.1	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	656000	18RB#9	23.5	25.2	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	664832	1RB#1	23.44	25.14	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	664832	1RB#1	22.6	24.3	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	664832	1RB#1	23.4	25.1	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	664832	1RB#36	23.57	25.27	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	664832	1RB#36	22.63	24.33	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	664832	1RB#36	23.47	25.17	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	664832	18RB#9	23.63	25.33	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM 16QAM	664832	18RB#9	22.63	24.33	30	PASS
N77	30KHz	15MHz	DFT-s-OFDM QPSK	664832	18RB#9	23.66	25.36	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	647334	1RB#1	23.64	25.34	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	647334	1RB#1	22.98	24.68	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	647334	1RB#1	23.72	25.42	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	647334	1RB#49	23.7	25.4	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	647334	1RB#49	23.12	24.82	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	647334	1RB#49	23.91	25.61	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	647334	25RB#12	23.91	25.61	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	647334	25RB#12	23.05	24.75	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	647334	25RB#12	23.88	25.58	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.36	25.06	30	PASS

N77	30KHz	20MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.46	24.16	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.48	25.18	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#49	23.45	25.15	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	656000	1RB#49	22.6	24.3	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	656000	1RB#49	23.39	25.09	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	656000	25RB#12	23.71	25.41	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	656000	25RB#12	22.74	24.44	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	656000	25RB#12	23.49	25.19	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	664666	1RB#1	23.2	24.9	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	664666	1RB#1	22.34	24.04	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	664666	1RB#1	23.23	24.93	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	664666	1RB#49	23.5	25.2	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	664666	1RB#49	22.39	24.09	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	664666	1RB#49	23.61	25.31	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	664666	25RB#12	23.43	25.13	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM 16QAM	664666	25RB#12	22.38	24.08	30	PASS
N77	30KHz	20MHz	DFT-s-OFDM QPSK	664666	25RB#12	23.57	25.27	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	647666	1RB#1	23.66	25.36	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	647666	1RB#1	22.9	24.6	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	647666	1RB#1	23.75	25.45	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	647666	1RB#76	23.92	25.62	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	647666	1RB#76	22.87	24.57	30	PASS

N77	30KHz	30MHz	DFT-s-OFDM QPSK	647666	1RB#76	23.98	25.68	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	647666	36RB#18	23.86	25.56	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	647666	36RB#18	23.01	24.71	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	647666	36RB#18	23.83	25.53	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.5	25.2	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.83	24.53	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.8	25.5	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#76	23.48	25.18	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	656000	1RB#76	22.58	24.28	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	656000	1RB#76	23.5	25.2	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	656000	36RB#18	23.74	25.44	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	656000	36RB#18	22.48	24.18	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	656000	36RB#18	23.7	25.4	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	664334	1RB#1	23.39	25.09	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	664334	1RB#1	22.76	24.46	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	664334	1RB#1	23.38	25.08	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	664334	1RB#76	23.62	25.32	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	664334	1RB#76	22.61	24.31	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	664334	1RB#76	23.65	25.35	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	664334	36RB#18	23.47	25.17	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM 16QAM	664334	36RB#18	22.44	24.14	30	PASS
N77	30KHz	30MHz	DFT-s-OFDM QPSK	664334	36RB#18	23.42	25.12	30	PASS

N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	648000	1RB#1	23.98	25.68	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	648000	1RB#1	22.92	24.62	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	648000	1RB#1	23.89	25.59	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	648000	1RB#104	23.82	25.52	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	648000	1RB#104	23.25	24.95	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	648000	1RB#104	23.97	25.67	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	648000	50RB#25	23.82	25.52	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	648000	50RB#25	22.8	24.5	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	648000	50RB#25	23.89	25.59	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.76	25.46	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.78	24.48	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.74	25.44	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#104	23.55	25.25	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	656000	1RB#104	22.95	24.65	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	656000	1RB#104	23.49	25.19	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	656000	50RB#25	23.53	25.23	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	656000	50RB#25	22.48	24.18	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	656000	50RB#25	23.58	25.28	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	664000	1RB#1	23.54	25.24	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	664000	1RB#1	22.67	24.37	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	664000	1RB#1	23.42	25.12	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	664000	1RB#104	23.56	25.26	30	PASS

N77	30KHz	40MHz	DFT-s-OFDM 16QAM	664000	1RB#104	22.7	24.4	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	664000	1RB#104	23.76	25.46	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	664000	50RB#25	23.57	25.27	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM 16QAM	664000	50RB#25	22.36	24.06	30	PASS
N77	30KHz	40MHz	DFT-s-OFDM QPSK	664000	50RB#25	23.43	25.13	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	648334	1RB#1	23.39	25.09	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	648334	1RB#1	22.63	24.33	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	648334	1RB#1	23.35	25.05	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	648334	1RB#131	23.49	25.19	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	648334	1RB#131	22.57	24.27	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	648334	1RB#131	23.57	25.27	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	648334	64RB#32	23.58	25.28	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	648334	64RB#32	22.71	24.41	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	648334	64RB#32	23.54	25.24	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.18	24.88	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.4	24.1	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.4	25.1	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#131	23.12	24.82	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	656000	1RB#131	22.44	24.14	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	656000	1RB#131	23.14	24.84	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	656000	64RB#32	23.44	25.14	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	656000	64RB#32	22.28	23.98	30	PASS

N77	30KHz	50MHz	DFT-s-OFDM QPSK	656000	64RB#32	23.18	24.88	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	663666	1RB#1	22.92	24.62	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	663666	1RB#1	22.07	23.77	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	663666	1RB#1	22.99	24.69	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	663666	1RB#131	23.1	24.8	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	663666	1RB#131	22.52	24.22	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	663666	1RB#131	23.2	24.9	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	663666	64RB#32	23.28	24.98	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM 16QAM	663666	64RB#32	22.15	23.85	30	PASS
N77	30KHz	50MHz	DFT-s-OFDM QPSK	663666	64RB#32	23.24	24.94	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	648668	1RB#1	23.02	24.72	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	648668	1RB#1	22.14	23.84	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	648668	1RB#1	22.89	24.59	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	648668	1RB#160	23.68	25.38	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	648668	1RB#160	22.99	24.69	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	648668	1RB#160	23.59	25.29	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	648668	81RB#40	23.65	25.35	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	648668	81RB#40	22.46	24.16	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	648668	81RB#40	23.61	25.31	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	21.94	23.64	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	656000	1RB#1	20.95	22.65	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	656000	1RB#1	22.03	23.73	30	PASS

N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#160	23.79	25.49	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	656000	1RB#160	22.84	24.54	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	656000	1RB#160	23.82	25.52	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	656000	81RB#40	23.19	24.89	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	656000	81RB#40	22.29	23.99	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	656000	81RB#40	23.36	25.06	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	663332	1RB#1	21.8	23.5	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	663332	1RB#1	20.84	22.54	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	663332	1RB#1	21.82	23.52	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	663332	1RB#160	23.83	25.53	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	663332	1RB#160	23.18	24.88	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	663332	1RB#160	23.92	25.62	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	663332	81RB#40	23.35	25.05	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM 16QAM	663332	81RB#40	22.18	23.88	30	PASS
N77	30KHz	60MHz	DFT-s-OFDM QPSK	663332	81RB#40	23.39	25.09	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	649000	1RB#1	23.54	25.24	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	649000	1RB#1	22.75	24.45	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	649000	1RB#1	23.42	25.12	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	649000	1RB#187	23.42	25.12	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	649000	1RB#187	22.58	24.28	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	649000	1RB#187	23.47	25.17	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	649000	90RB#45	23.54	25.24	30	PASS

N77	30KHz	70MHz	DFT-s-OFDM 16QAM	649000	90RB#45	22.66	24.36	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	649000	90RB#45	23.52	25.22	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.5	25.2	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.35	24.05	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.38	25.08	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#187	23.15	24.85	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	656000	1RB#187	22.28	23.98	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	656000	1RB#187	23.16	24.86	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	656000	90RB#45	23.37	25.07	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	656000	90RB#45	22.22	23.92	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	656000	90RB#45	23.45	25.15	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	663000	1RB#1	23.01	24.71	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	663000	1RB#1	22.26	23.96	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	663000	1RB#1	23.21	24.91	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	663000	1RB#187	23.34	25.04	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	663000	1RB#187	22.28	23.98	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	663000	1RB#187	23.33	25.03	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	663000	90RB#45	23.23	24.93	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM 16QAM	663000	90RB#45	22.27	23.97	30	PASS
N77	30KHz	70MHz	DFT-s-OFDM QPSK	663000	90RB#45	23.3	25.0	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	649334	1RB#1	23.39	25.09	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	649334	1RB#1	22.53	24.23	30	PASS

N77	30KHz	80MHz	DFT-s-OFDM QPSK	649334	1RB#1	23.32	25.02	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	649334	1RB#215	23.27	24.97	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	649334	1RB#215	22.5	24.2	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	649334	1RB#215	23.58	25.28	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	649334	108RB#54	23.52	25.22	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	649334	108RB#54	22.54	24.24	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	649334	108RB#54	23.68	25.38	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.39	25.09	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.46	24.16	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.41	25.11	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#215	23.26	24.96	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	656000	1RB#215	22.26	23.96	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	656000	1RB#215	23.12	24.82	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	656000	108RB#54	23.21	24.91	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	656000	108RB#54	22.16	23.86	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	656000	108RB#54	23.28	24.98	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	662666	1RB#1	23.01	24.71	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	662666	1RB#1	22.03	23.73	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	662666	1RB#1	23.01	24.71	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	662666	1RB#215	23.24	24.94	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	662666	1RB#215	22.24	23.94	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	662666	1RB#215	23.17	24.87	30	PASS

N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	662666	108RB#54	23.4	25.1	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM 16QAM	662666	108RB#54	22.28	23.98	30	PASS
N77	30KHz	80MHz	DFT-s-OFDM QPSK	662666	108RB#54	23.28	24.98	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	649668	1RB#1	23.4	25.1	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	649668	1RB#1	22.82	24.52	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	649668	1RB#1	23.58	25.28	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	649668	1RB#243	23.43	25.13	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	649668	1RB#243	22.68	24.38	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	649668	1RB#243	23.45	25.15	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	649668	120RB#60	23.5	25.2	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	649668	120RB#60	22.65	24.35	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	649668	120RB#60	23.45	25.15	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.45	25.15	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.42	24.12	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.57	25.27	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#243	23.14	24.84	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	656000	1RB#243	22.41	24.11	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	656000	1RB#243	23.21	24.91	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	656000	120RB#60	23.2	24.9	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	656000	120RB#60	22.2	23.9	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	656000	120RB#60	23.37	25.07	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	662332	1RB#1	23.1	24.8	30	PASS

N77	30KHz	90MHz	DFT-s-OFDM 16QAM	662332	1RB#1	22.19	23.89	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	662332	1RB#1	23.12	24.82	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	662332	1RB#243	23.34	25.04	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	662332	1RB#243	22.37	24.07	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	662332	1RB#243	23.33	25.03	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	662332	120RB#60	23.19	24.89	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM 16QAM	662332	120RB#60	22.3	24.0	30	PASS
N77	30KHz	90MHz	DFT-s-OFDM QPSK	662332	120RB#60	23.28	24.98	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	650000	1RB#1	23.38	25.08	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	650000	1RB#1	22.6	24.3	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	1RB#1	23.55	25.25	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	650000	1RB#271	23.32	25.02	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	650000	1RB#271	22.47	24.17	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	1RB#271	23.42	25.12	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	650000	135RB#67	23.61	25.31	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	650000	135RB#67	22.48	24.18	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	135RB#67	23.67	25.37	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#1	23.37	25.07	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	656000	1RB#1	22.44	24.14	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	1RB#1	23.59	25.29	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	656000	1RB#271	23.15	24.85	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	656000	1RB#271	22.24	23.94	30	PASS

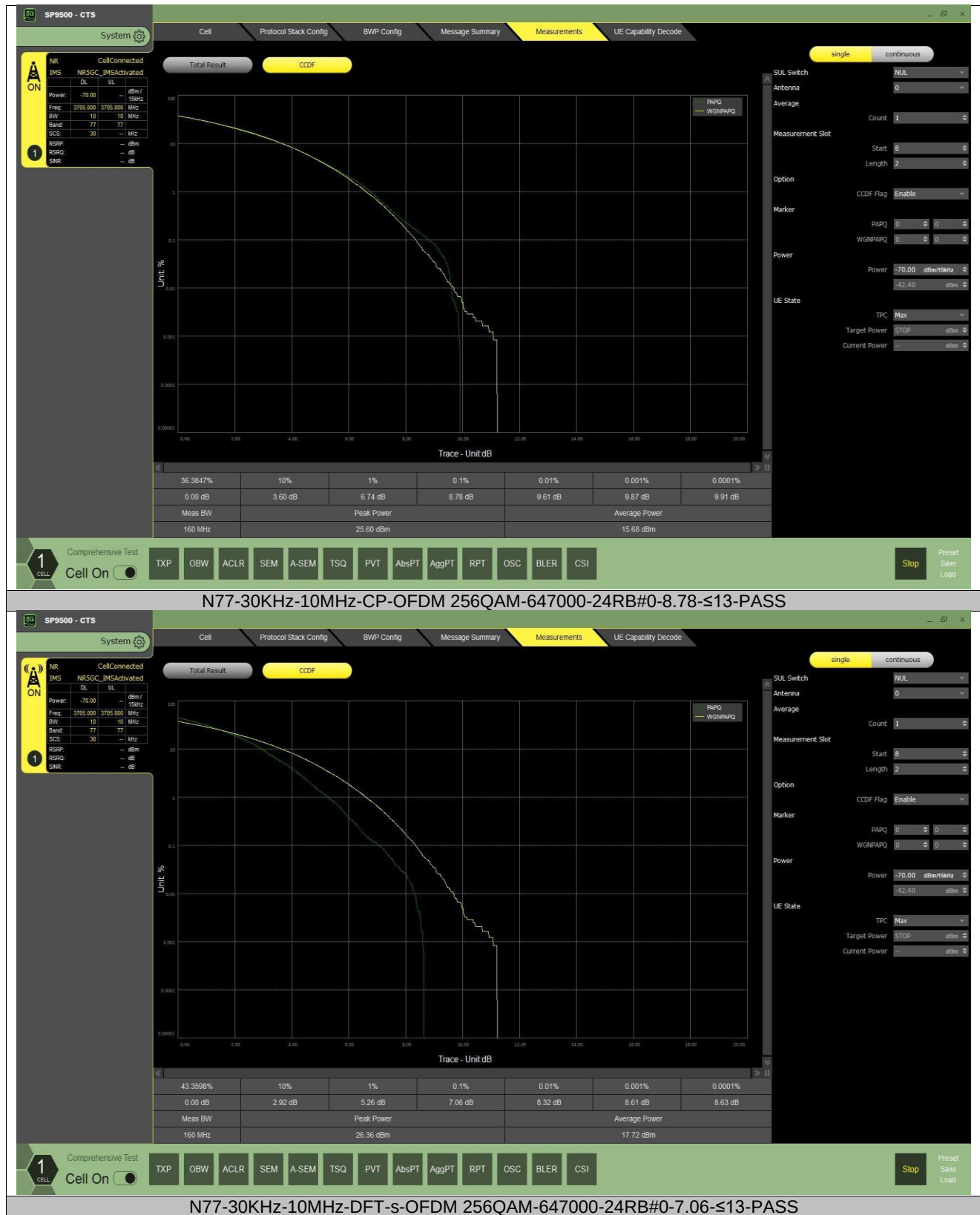
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	1RB#271	23.22	24.92	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	656000	135RB#67	23.38	25.08	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	656000	135RB#67	22.37	24.07	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	135RB#67	23.36	25.06	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	662000	1RB#1	23.12	24.82	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	662000	1RB#1	22.26	23.96	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	1RB#1	23.19	24.89	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	662000	1RB#271	23.28	24.98	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	662000	1RB#271	22.32	24.02	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	1RB#271	23.28	24.98	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	662000	135RB#67	23.21	24.91	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM 16QAM	662000	135RB#67	22.22	23.92	30	PASS
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	135RB#67	23.28	24.98	30	PASS

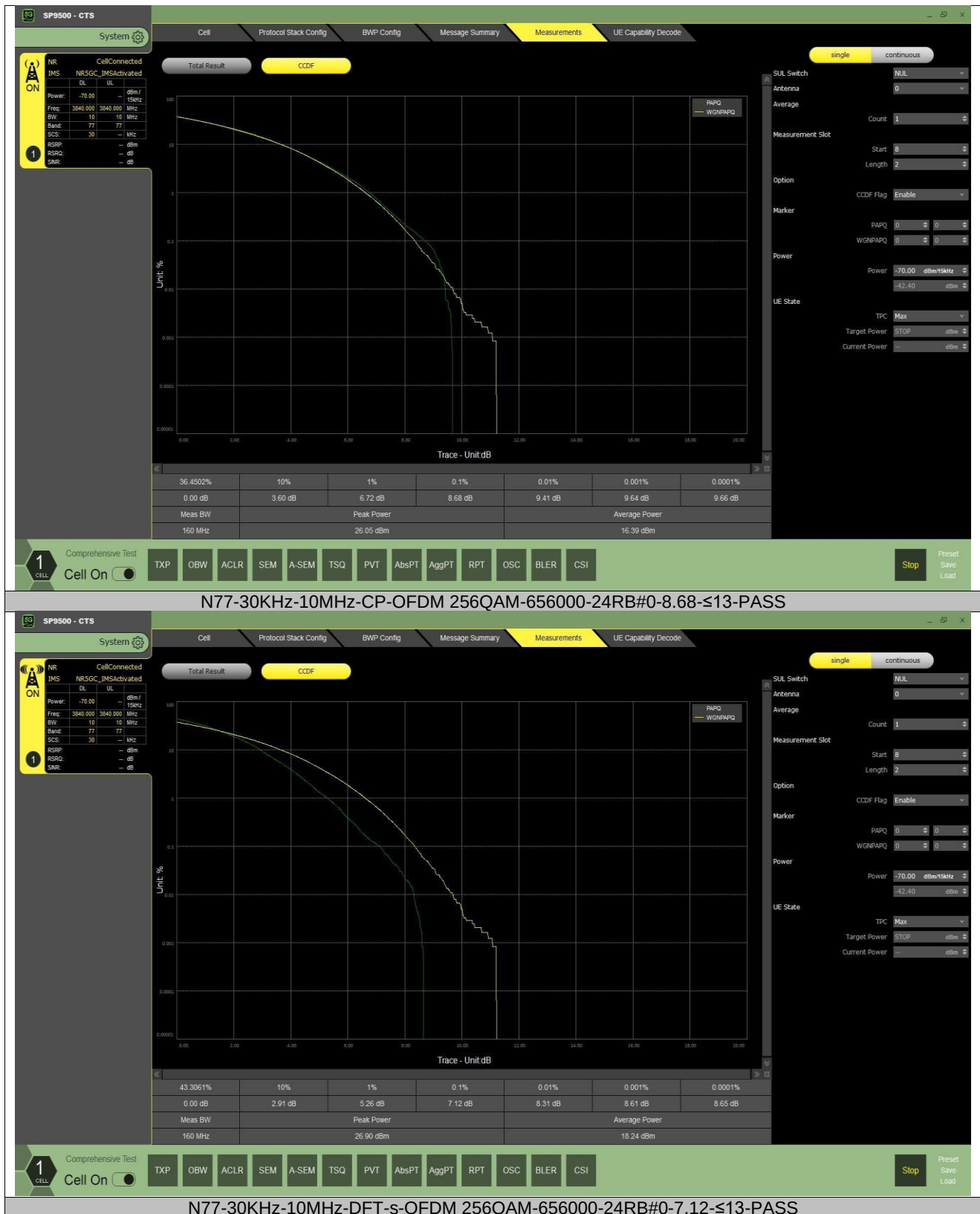
2 Appendix B: Peak-to-Average Ratio

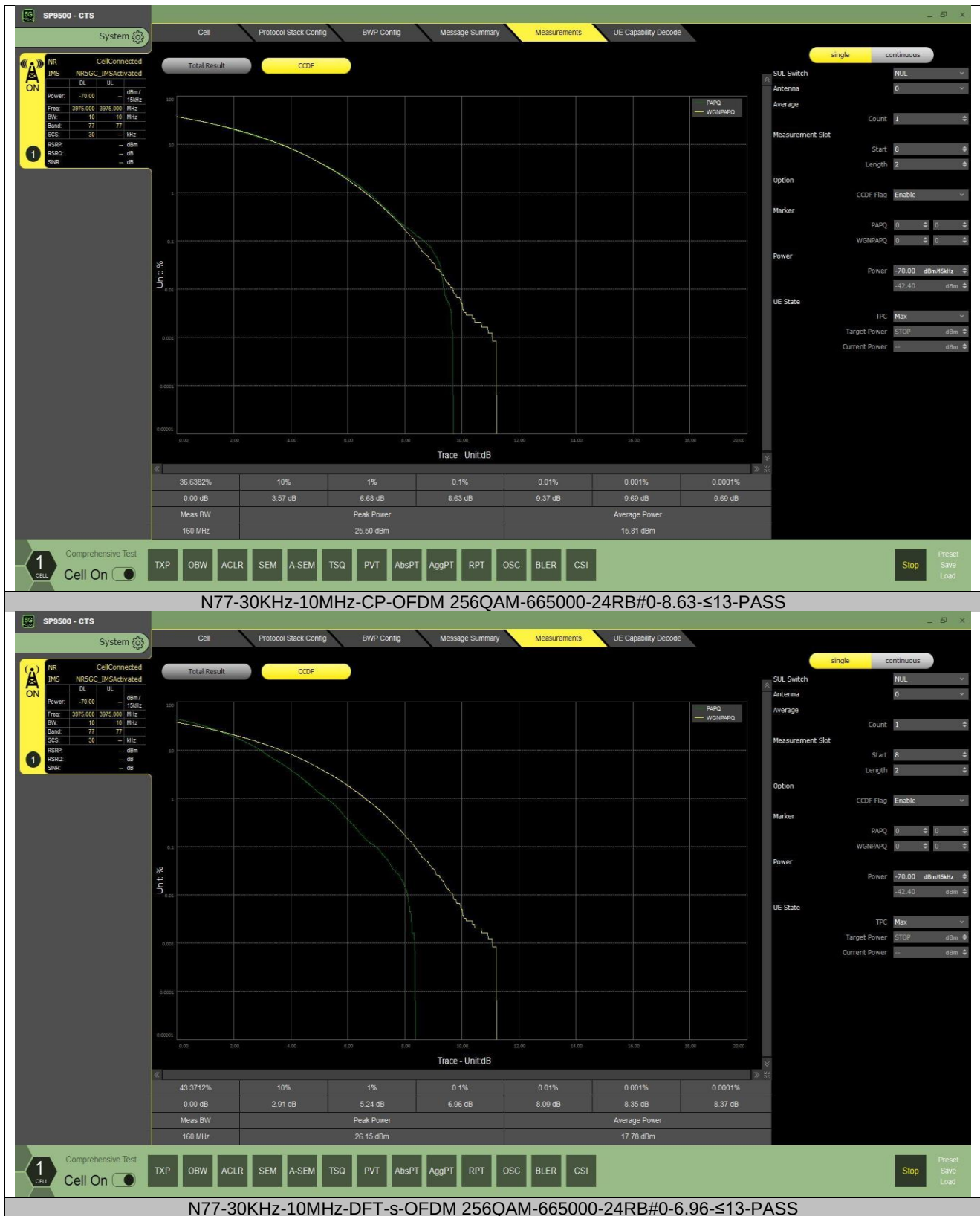
2.1 Test Result

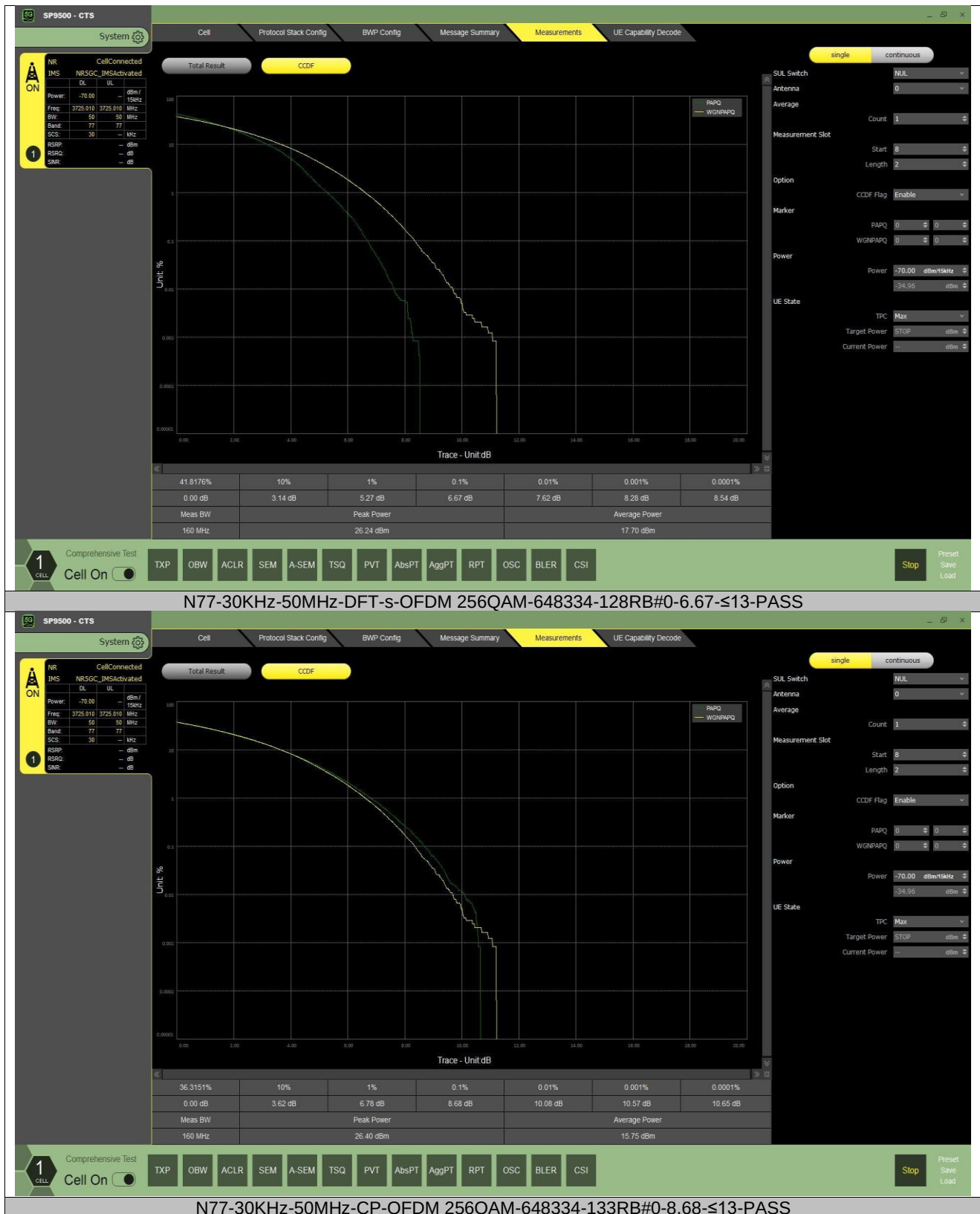
Band	SCS	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	Limit(dB)	Verdict
N77	30KHz	10MHz	CP-OFDM 256QAM	647000	24RB#0	8.78	≤13	PASS
N77	30KHz	10MHz	DFT-s-OFDM 256QAM	647000	24RB#0	7.06	≤13	PASS
N77	30KHz	10MHz	CP-OFDM 256QAM	656000	24RB#0	8.68	≤13	PASS
N77	30KHz	10MHz	DFT-s-OFDM 256QAM	656000	24RB#0	7.12	≤13	PASS
N77	30KHz	10MHz	CP-OFDM 256QAM	665000	24RB#0	8.63	≤13	PASS
N77	30KHz	10MHz	DFT-s-OFDM 256QAM	665000	24RB#0	6.96	≤13	PASS
N77	30KHz	50MHz	DFT-s-OFDM 256QAM	648334	128RB#0	6.67	≤13	PASS
N77	30KHz	50MHz	CP-OFDM 256QAM	648334	133RB#0	8.68	≤13	PASS
N77	30KHz	50MHz	DFT-s-OFDM 256QAM	656000	128RB#0	6.67	≤13	PASS
N77	30KHz	50MHz	CP-OFDM 256QAM	656000	133RB#0	8.65	≤13	PASS
N77	30KHz	50MHz	DFT-s-OFDM 256QAM	663666	128RB#0	6.68	≤13	PASS
N77	30KHz	50MHz	CP-OFDM 256QAM	663666	133RB#0	8.56	≤13	PASS
N77	30KHz	100MHz	DFT-s-OFDM 256QAM	650000	270RB#0	6.78	≤13	PASS
N77	30KHz	100MHz	CP-OFDM 256QAM	650000	273RB#0	8.43	≤13	PASS
N77	30KHz	100MHz	DFT-s-OFDM 256QAM	656000	270RB#0	6.46	≤13	PASS
N77	30KHz	100MHz	CP-OFDM 256QAM	656000	273RB#0	8.2	≤13	PASS
N77	30KHz	100MHz	DFT-s-OFDM 256QAM	662000	270RB#0	6.52	≤13	PASS
N77	30KHz	100MHz	CP-OFDM 256QAM	662000	273RB#0	8.15	≤13	PASS

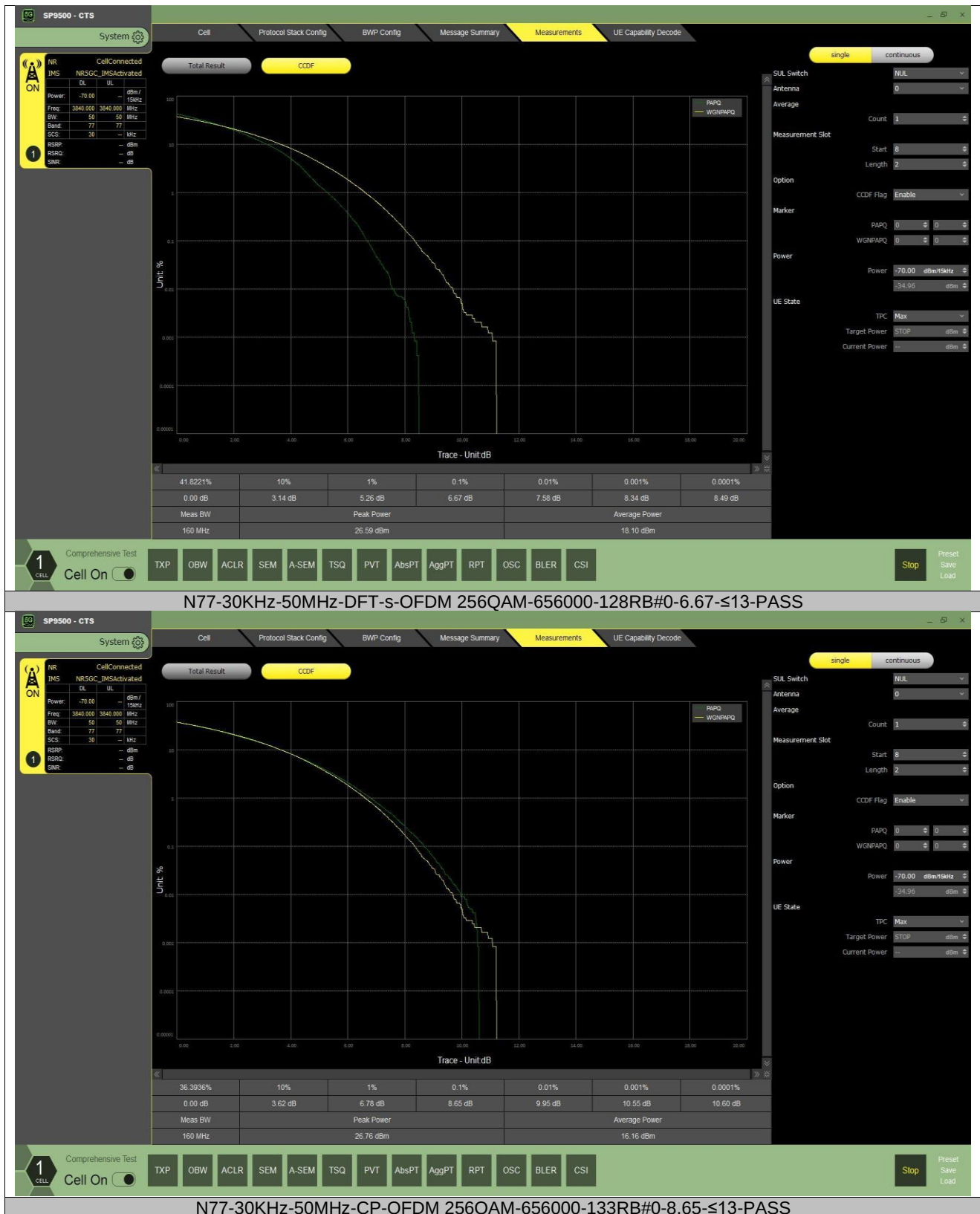
2.2 Test Plots

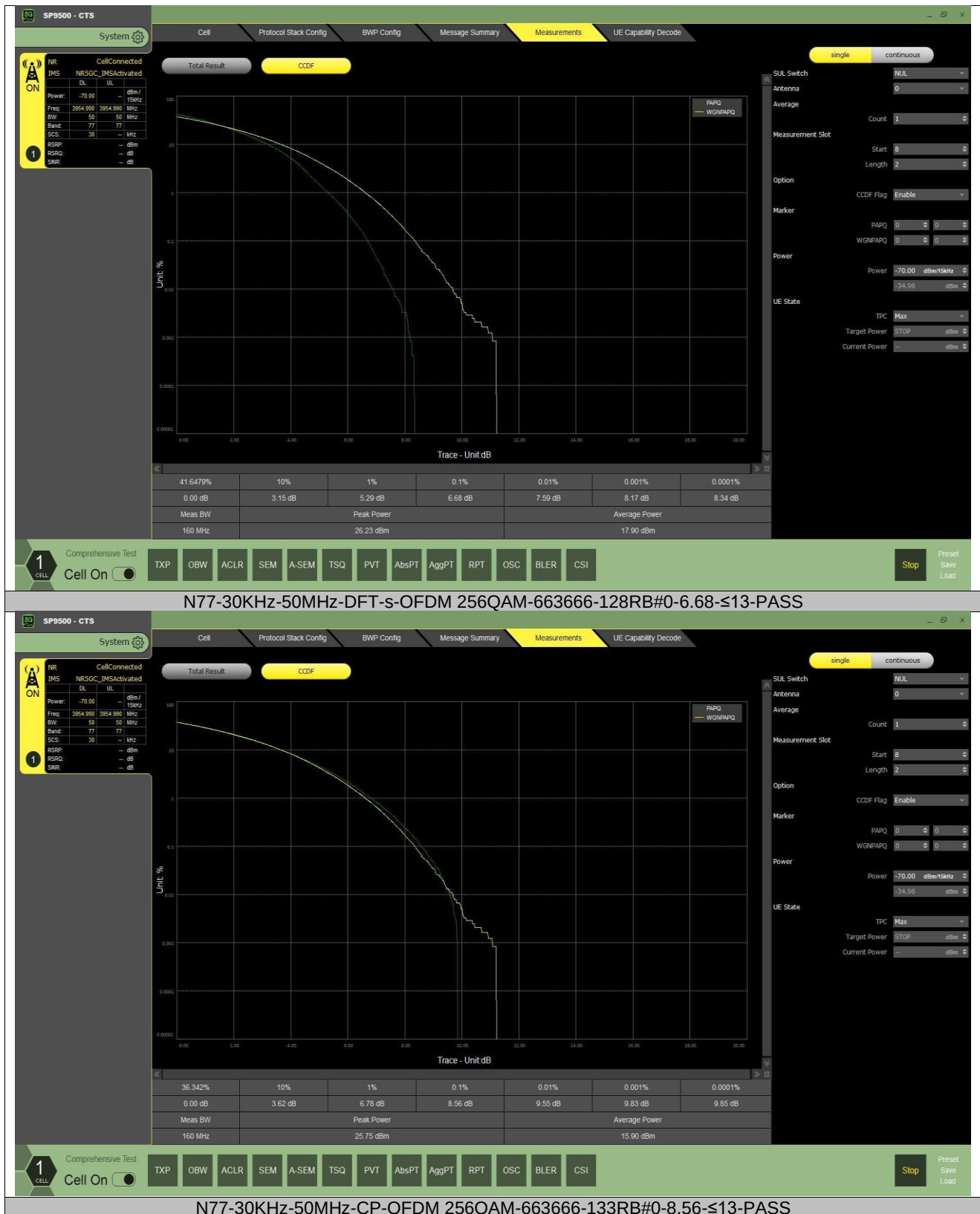


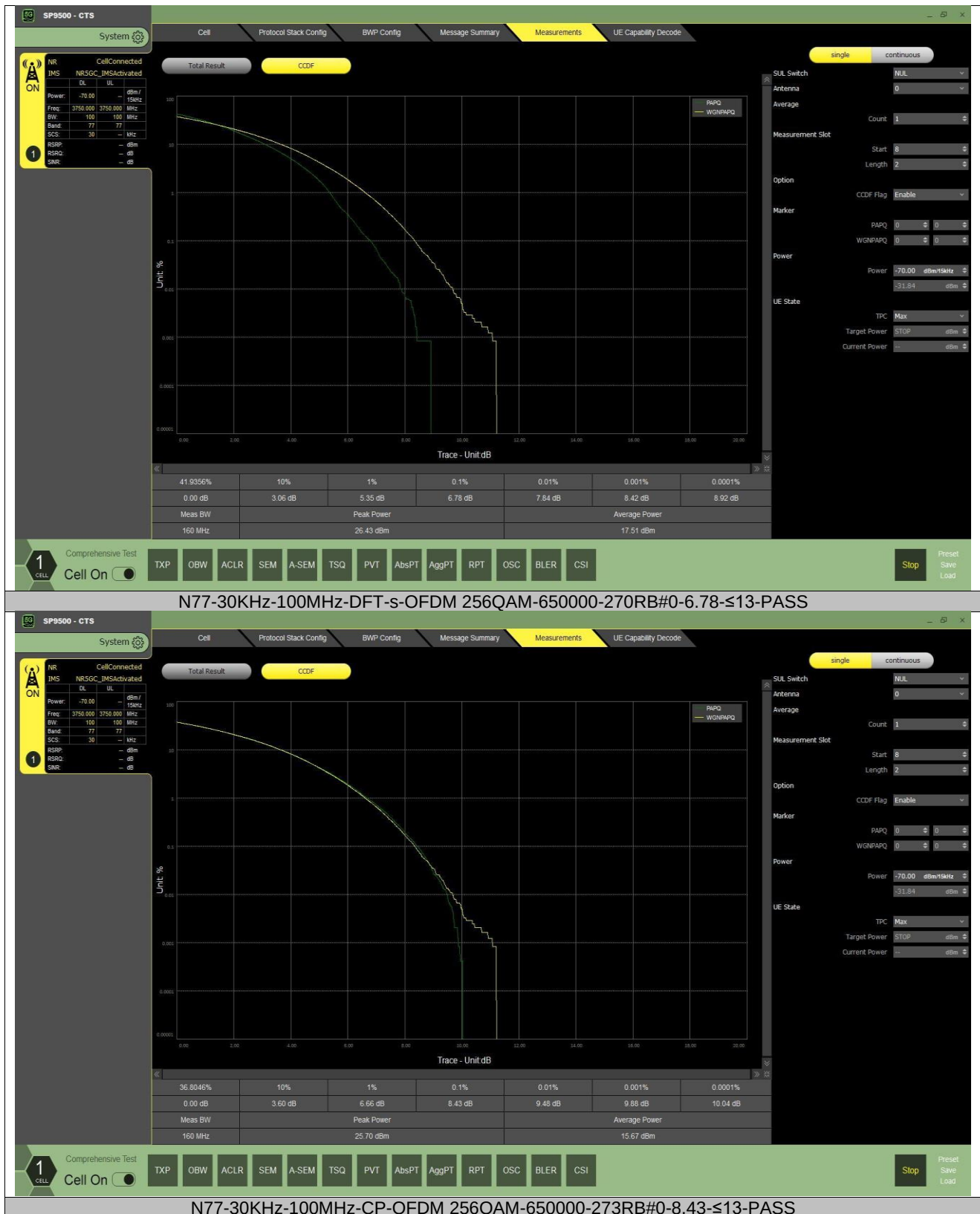


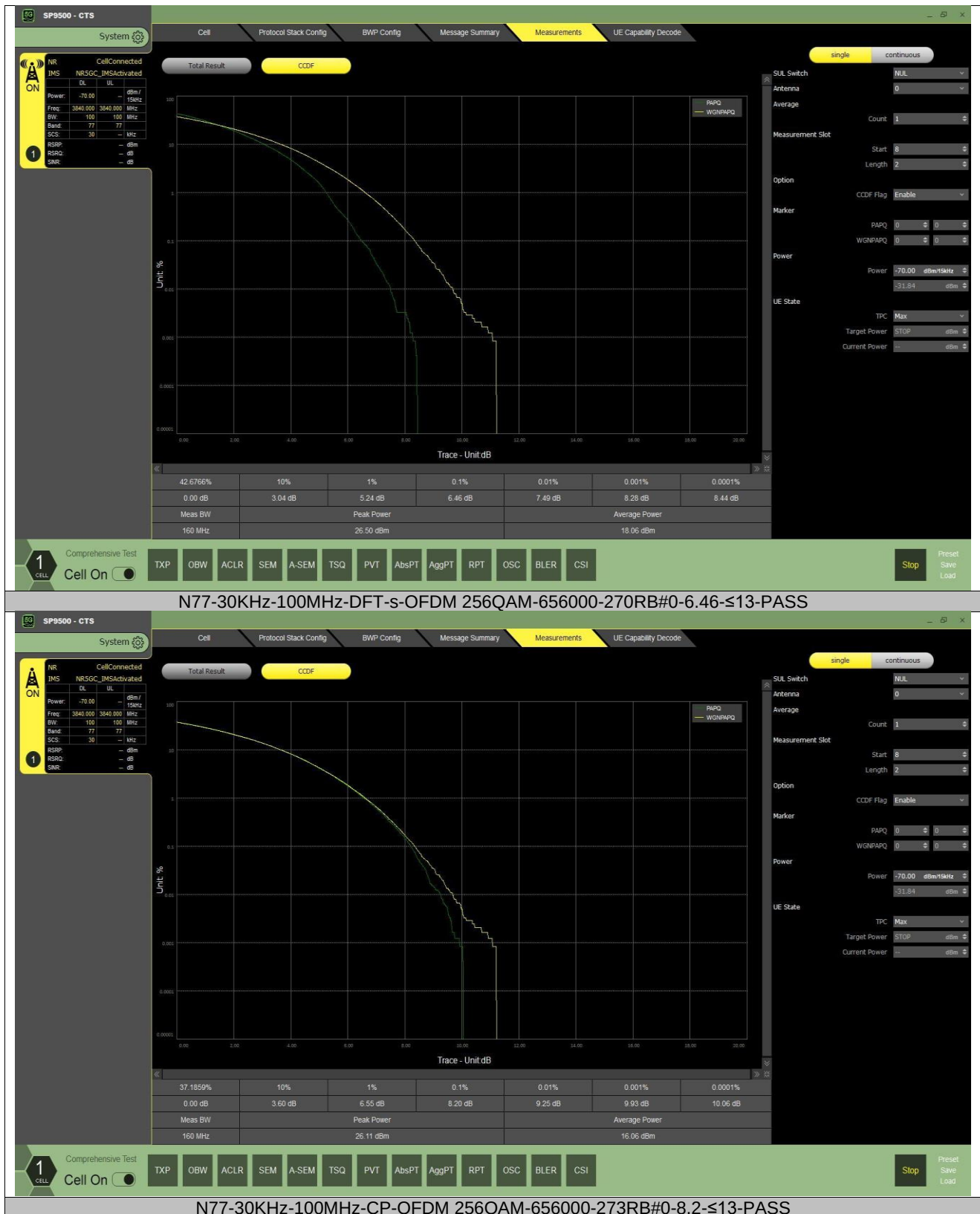


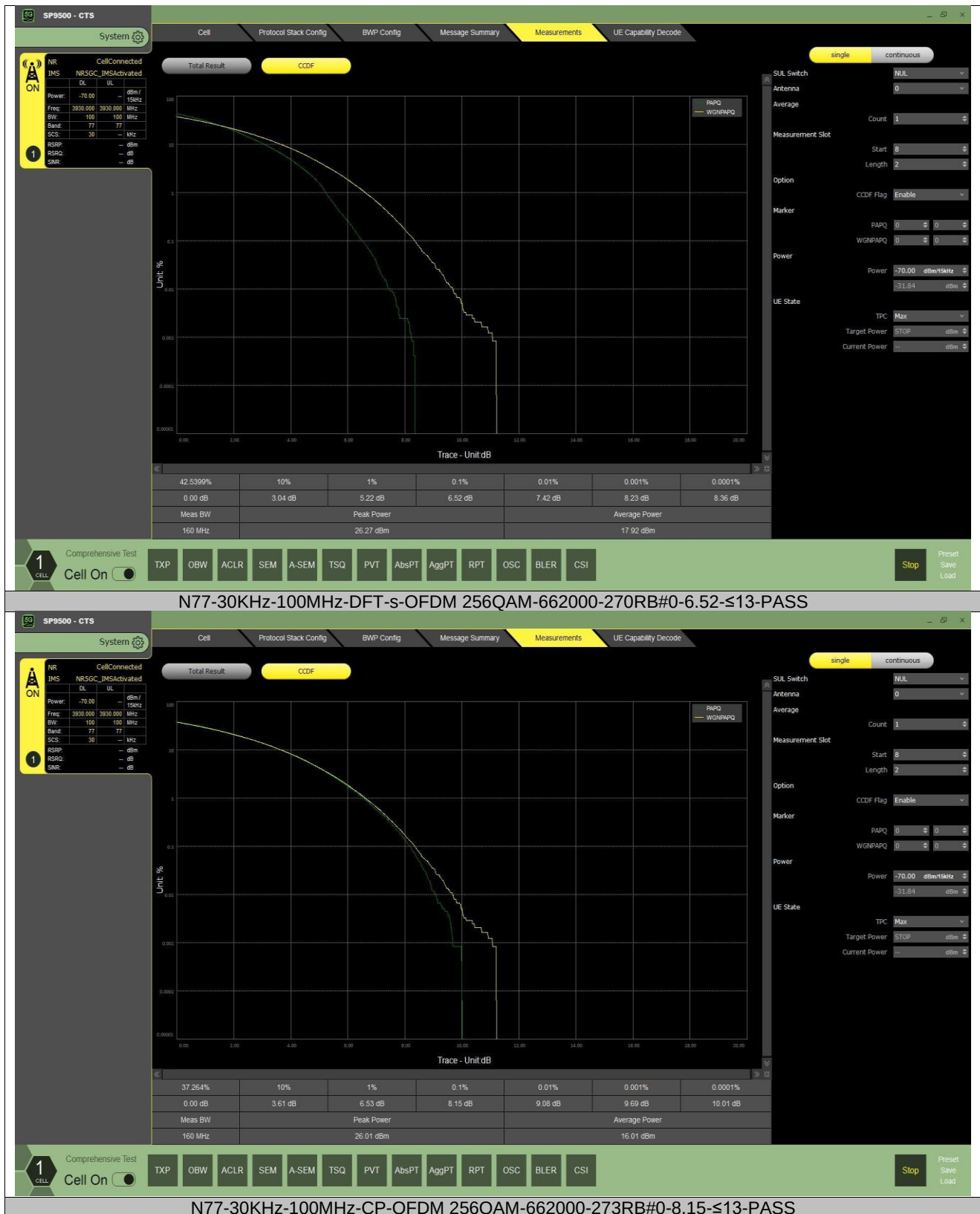












3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

3.1 Test Result

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configure	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N77	30KHz	10MHz	CP-OFDM 256QAM	647000	24RB#0	8.69	10.11	See graph
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	647000	24RB#0	8.69	10.01	See graph
N77	30KHz	10MHz	DFT-s-OFDM 256QAM	647000	24RB#0	8.72	10.11	See graph
N77	30KHz	10MHz	DFT-s-OFDM QPSK	647000	24RB#0	8.64	10.07	See graph
N77	30KHz	10MHz	CP-OFDM QPSK	647000	24RB#0	8.63	10.13	See graph
N77	30KHz	10MHz	CP-OFDM 256QAM	656000	24RB#0	8.68	10.35	See graph
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	656000	24RB#0	8.74	10.13	See graph
N77	30KHz	10MHz	DFT-s-OFDM 256QAM	656000	24RB#0	8.77	10.37	See graph
N77	30KHz	10MHz	DFT-s-OFDM QPSK	656000	24RB#0	8.64	10.25	See graph
N77	30KHz	10MHz	CP-OFDM QPSK	656000	24RB#0	8.63	10.23	See graph
N77	30KHz	10MHz	CP-OFDM 256QAM	665000	24RB#0	8.71	10.15	See graph
N77	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	665000	24RB#0	8.71	10.17	See graph
N77	30KHz	10MHz	DFT-s-OFDM 256QAM	665000	24RB#0	8.76	10.33	See graph
N77	30KHz	10MHz	DFT-s-OFDM QPSK	665000	24RB#0	8.63	10.07	See graph
N77	30KHz	10MHz	CP-OFDM QPSK	665000	24RB#0	8.63	10.13	See graph
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	647168	36RB#0	12.96	14.51	See graph
N77	30KHz	15MHz	DFT-s-OFDM 256QAM	647168	36RB#0	13.0	14.6	See graph
N77	30KHz	15MHz	DFT-s-OFDM QPSK	647168	36RB#0	13.04	14.74	See graph
N77	30KHz	15MHz	CP-OFDM 256QAM	647168	38RB#0	13.73	15.61	See graph
N77	30KHz	15MHz	CP-OFDM QPSK	647168	38RB#0	13.66	15.44	See graph
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	656000	36RB#0	13.1	14.74	See graph
N77	30KHz	15MHz	DFT-s-OFDM 256QAM	656000	36RB#0	13.03	14.87	See graph
N77	30KHz	15MHz	DFT-s-OFDM QPSK	656000	36RB#0	13.0	14.8	See graph
N77	30KHz	15MHz	CP-OFDM 256QAM	656000	38RB#0	13.72	15.52	See graph
N77	30KHz	15MHz	CP-OFDM QPSK	656000	38RB#0	13.69	15.44	See graph
N77	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	664832	36RB#0	12.96	14.54	See graph
N77	30KHz	15MHz	DFT-s-OFDM 256QAM	664832	36RB#0	12.99	14.6	See graph
N77	30KHz	15MHz	DFT-s-OFDM QPSK	664832	36RB#0	13.02	14.63	See graph
N77	30KHz	15MHz	CP-OFDM 256QAM	664832	38RB#0	13.74	15.55	See graph
N77	30KHz	15MHz	CP-OFDM QPSK	664832	38RB#0	13.65	15.4	See graph

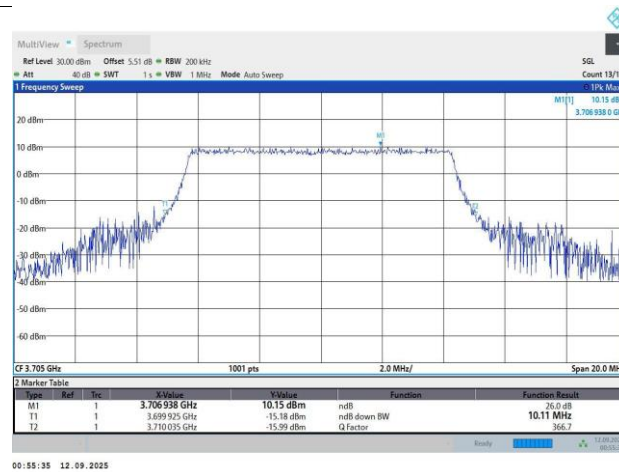
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	647334	50RB#0	18.14	20.02	See graph
N77	30KHz	20MHz	DFT-s-OFDM 256QAM	647334	50RB#0	18.05	19.98	See graph
N77	30KHz	20MHz	DFT-s-OFDM QPSK	647334	50RB#0	18.08	20.5	See graph
N77	30KHz	20MHz	CP-OFDM 256QAM	647334	51RB#0	18.37	20.5	See graph
N77	30KHz	20MHz	CP-OFDM QPSK	647334	51RB#0	18.44	20.54	See graph
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	656000	50RB#0	18.08	20.14	See graph
N77	30KHz	20MHz	DFT-s-OFDM 256QAM	656000	50RB#0	18.04	19.9	See graph
N77	30KHz	20MHz	DFT-s-OFDM QPSK	656000	50RB#0	18.04	19.98	See graph
N77	30KHz	20MHz	CP-OFDM 256QAM	656000	51RB#0	18.35	20.46	See graph
N77	30KHz	20MHz	CP-OFDM QPSK	656000	51RB#0	18.45	20.42	See graph
N77	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	664666	50RB#0	18.09	20.02	See graph
N77	30KHz	20MHz	DFT-s-OFDM 256QAM	664666	50RB#0	18.04	20.14	See graph
N77	30KHz	20MHz	DFT-s-OFDM QPSK	664666	50RB#0	18.04	20.1	See graph
N77	30KHz	20MHz	CP-OFDM 256QAM	664666	51RB#0	18.35	20.54	See graph
N77	30KHz	20MHz	CP-OFDM QPSK	664666	51RB#0	18.41	20.5	See graph
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	647666	75RB#0	26.95	29.19	See graph
N77	30KHz	30MHz	DFT-s-OFDM 256QAM	647666	75RB#0	26.87	28.95	See graph
N77	30KHz	30MHz	DFT-s-OFDM QPSK	647666	75RB#0	26.83	29.13	See graph
N77	30KHz	30MHz	CP-OFDM 256QAM	647666	78RB#0	27.91	30.21	See graph
N77	30KHz	30MHz	CP-OFDM QPSK	647666	78RB#0	27.97	30.27	See graph
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	656000	75RB#0	26.91	29.07	See graph
N77	30KHz	30MHz	DFT-s-OFDM 256QAM	656000	75RB#0	26.85	28.95	See graph
N77	30KHz	30MHz	DFT-s-OFDM QPSK	656000	75RB#0	26.84	29.07	See graph
N77	30KHz	30MHz	CP-OFDM 256QAM	656000	78RB#0	27.93	30.33	See graph
N77	30KHz	30MHz	CP-OFDM QPSK	656000	78RB#0	27.97	30.39	See graph
N77	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	664334	75RB#0	26.94	29.07	See graph
N77	30KHz	30MHz	DFT-s-OFDM 256QAM	664334	75RB#0	26.86	28.95	See graph
N77	30KHz	30MHz	DFT-s-OFDM QPSK	664334	75RB#0	26.84	29.01	See graph
N77	30KHz	30MHz	CP-OFDM 256QAM	664334	78RB#0	27.93	30.33	See graph
N77	30KHz	30MHz	CP-OFDM QPSK	664334	78RB#0	27.98	30.51	See graph
N77	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	648000	100RB#0	35.98	38.92	See graph
N77	30KHz	40MHz	DFT-s-OFDM 256QAM	648000	100RB#0	35.92	39.4	See graph
N77	30KHz	40MHz	DFT-s-OFDM QPSK	648000	100RB#0	36.01	39.56	See graph
N77	30KHz	40MHz	CP-OFDM 256QAM	648000	106RB#0	38.11	41.32	See graph

N77	30KHz	40MHz	CP-OFDM QPSK	648000	106RB#0	38.0	41	See graph
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N77	30KHz	40MHz	DFT-s-OFDM QPSK	656000	100RB#0	36.02	39.4	See graph
N77	30KHz	40MHz	CP-OFDM 256QAM	656000	106RB#0	38.11	40.76	See graph
N77	30KHz	40MHz	CP-OFDM QPSK	656000	106RB#0	38.01	41.16	See graph
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N77	30KHz	40MHz	DFT-s-OFDM 256QAM	664000	100RB#0	35.91	39.16	See graph
N77	30KHz	40MHz	DFT-s-OFDM QPSK	664000	100RB#0	35.98	39.24	See graph
N77	30KHz	40MHz	CP-OFDM 256QAM	664000	106RB#0	38.12	41.72	See graph
N77	30KHz	40MHz	CP-OFDM QPSK	664000	106RB#0	38.07	41.08	See graph
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N77	30KHz	50MHz	DFT-s-OFDM 256QAM	648334	128RB#0	45.95	49.65	See graph
N77	30KHz	50MHz	DFT-s-OFDM QPSK	648334	128RB#0	45.93	49.05	See graph
N77	30KHz	50MHz	CP-OFDM 256QAM	648334	133RB#0	47.58	50.75	See graph
N77	30KHz	50MHz	CP-OFDM QPSK	648334	133RB#0	47.66	50.65	See graph
N77	30KHz	50MHz	DFT-s-OFDM PI/2 BPSK	656000	128RB#0	45.84	48.85	See graph
N77	30KHz	50MHz	DFT-s-OFDM 256QAM	656000	128RB#0	45.98	49.75	See graph
N77	30KHz	50MHz	DFT-s-OFDM QPSK	656000	128RB#0	45.95	49.15	See graph
N77	30KHz	50MHz	CP-OFDM 256QAM	656000	133RB#0	47.55	51.15	See graph
N77	30KHz	50MHz	CP-OFDM QPSK	656000	133RB#0	47.66	50.75	See graph
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N77	30KHz	50MHz	DFT-s-OFDM QPSK	663666	128RB#0	45.99	49.65	See graph
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N77	30KHz	60MHz	CP-OFDM 256QAM	648668	162RB#0	57.82	61.26	See graph
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	648668	162RB#0	57.98	61.14	See graph
N77	30KHz	60MHz	DFT-s-OFDM 256QAM	648668	162RB#0	58.06	61.38	See graph
N77	30KHz	60MHz	DFT-s-OFDM QPSK	648668	162RB#0	57.94	61.38	See graph
N77	30KHz	60MHz	CP-OFDM QPSK	648668	162RB#0	57.98	61.5	See graph
N77	30KHz	60MHz	CP-OFDM 256QAM	656000	162RB#0	57.8	61.26	See graph
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	656000	162RB#0	57.93	61.02	See graph
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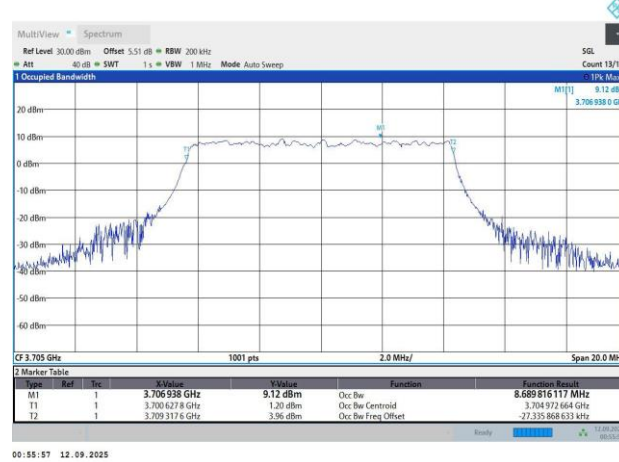
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N77	30KHz	60MHz	CP-OFDM 256QAM	663332	162RB#0	57.82	61.02	See graph
N77	30KHz	60MHz	DFT-s-OFDM PI/2 BPSK	663332	162RB#0	57.96	61.26	See graph
N77	30KHz	60MHz	DFT-s-OFDM 256QAM	663332	162RB#0	58.07	61.14	See graph
N77	30KHz	60MHz	DFT-s-OFDM QPSK	663332	162RB#0	57.94	61.38	See graph
N77	30KHz	60MHz	CP-OFDM QPSK	663332	162RB#0	57.94	61.14	See graph
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	649000	180RB#0	64.33	67.83	See graph
N77	30KHz	70MHz	DFT-s-OFDM 256QAM	649000	180RB#0	64.2	67.69	See graph
N77	30KHz	70MHz	DFT-s-OFDM QPSK	649000	180RB#0	64.44	67.83	See graph
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N77	30KHz	70MHz	CP-OFDM QPSK	649000	189RB#0	67.55	70.91	See graph
N77	30KHz	70MHz	DFT-s-OFDM PI/2 BPSK	656000	180RB#0	64.35	67.83	See graph
N77	30KHz	70MHz	DFT-s-OFDM 256QAM	656000	180RB#0	64.18	67.41	See graph
N77	30KHz	70MHz	DFT-s-OFDM QPSK	656000	180RB#0	64.39	67.97	See graph
N77	30KHz	70MHz	CP-OFDM 256QAM	656000	189RB#0	67.5	70.77	See graph
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N77	30KHz	70MHz	CP-OFDM 256QAM	663000	189RB#0	67.49	70.91	See graph
N77	30KHz	70MHz	CP-OFDM QPSK	663000	189RB#0	67.55	71.05	See graph
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	649334	216RB#0	77.7	82.48	See graph
N77	30KHz	80MHz	DFT-s-OFDM 256QAM	649334	216RB#0	77.72	83.44	See graph
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N77	30KHz	80MHz	CP-OFDM 256QAM	649334	217RB#0	78.17	84.72	See graph
N77	30KHz	80MHz	CP-OFDM QPSK	649334	217RB#0	78.02	83.92	See graph
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N77	30KHz	80MHz	DFT-s-OFDM 256QAM	656000	216RB#0	77.65	82.64	See graph
N77	30KHz	80MHz	DFT-s-OFDM QPSK	656000	216RB#0	77.35	82.64	See graph
N77	30KHz	80MHz	CP-OFDM 256QAM	656000	217RB#0	78.04	83.28	See graph
N77	30KHz	80MHz	CP-OFDM QPSK	656000	217RB#0	77.97	82.8	See graph
N77	30KHz	80MHz	DFT-s-OFDM PI/2 BPSK	662666	216RB#0	77.74	82.64	See graph
N77	30KHz	80MHz	DFT-s-OFDM 256QAM	662666	216RB#0	77.7	82.64	See graph

N77	30KHz	80MHz	DFT-s-OFDM QPSK	662666	216RB#0	77.48	83.44	See graph
N77	30KHz	80MHz	CP-OFDM 256QAM	662666	217RB#0	78.12	83.12	See graph
N77	30KHz	80MHz	CP-OFDM QPSK	662666	217RB#0	78.01	84.24	See graph
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	649668	243RB#0	87.09	92.07	See graph
N77	30KHz	90MHz	DFT-s-OFDM 256QAM	649668	243RB#0	86.98	92.25	See graph
N77	30KHz	90MHz	DFT-s-OFDM QPSK	649668	243RB#0	87.03	92.61	See graph
N77	30KHz	90MHz	CP-OFDM 256QAM	649668	245RB#0	87.75	93.69	See graph
N77	30KHz	90MHz	CP-OFDM QPSK	649668	245RB#0	87.86	92.79	See graph
N77	30KHz	90MHz	DFT-s-OFDM PI/2 BPSK	656000	243RB#0	86.93	92.07	See graph
N77	30KHz	90MHz	DFT-s-OFDM 256QAM	656000	243RB#0	86.86	92.25	See graph
N77	30KHz	90MHz	DFT-s-OFDM QPSK	656000	243RB#0	86.97	92.61	See graph
N77	30KHz	90MHz	CP-OFDM 256QAM	656000	245RB#0	87.65	93.15	See graph
N77	30KHz	90MHz	CP-OFDM QPSK	656000	245RB#0	87.74	92.79	See graph
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N77	30KHz	90MHz	CP-OFDM 256QAM	662332	245RB#0	87.75	94.05	See graph
N77	30KHz	90MHz	CP-OFDM QPSK	662332	245RB#0	87.9	93.51	See graph
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N77	30KHz	100MHz	DFT-s-OFDM 256QAM	650000	270RB#0	96.74	102.1	See graph
N77	30KHz	100MHz	DFT-s-OFDM QPSK	650000	270RB#0	96.79	102.1	See graph
N77	30KHz	100MHz	CP-OFDM 256QAM	650000	273RB#0	97.86	102.9	See graph
N77	30KHz	100MHz	CP-OFDM QPSK	650000	273RB#0	98.19	104.3	See graph
N77	30KHz	100MHz	DFT-s-OFDM PI/2 BPSK	656000	270RB#0	96.31	102.1	See graph
N77	30KHz	100MHz	DFT-s-OFDM 256QAM	656000	270RB#0	96.57	101.9	See graph
N77	30KHz	100MHz	DFT-s-OFDM QPSK	656000	270RB#0	96.61	102.5	See graph
N77	30KHz	100MHz	CP-OFDM 256QAM	656000	273RB#0	97.75	103.3	See graph
N77	30KHz	100MHz	CP-OFDM QPSK	656000	273RB#0	97.98	103.7	See graph
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N77	30KHz	100MHz	DFT-s-OFDM 256QAM	662000	270RB#0	96.75	101.9	See graph
N77	30KHz	100MHz	DFT-s-OFDM QPSK	662000	270RB#0	96.8	102.3	See graph
N77	30KHz	100MHz	CP-OFDM 256QAM	662000	273RB#0	97.86	103.3	See graph
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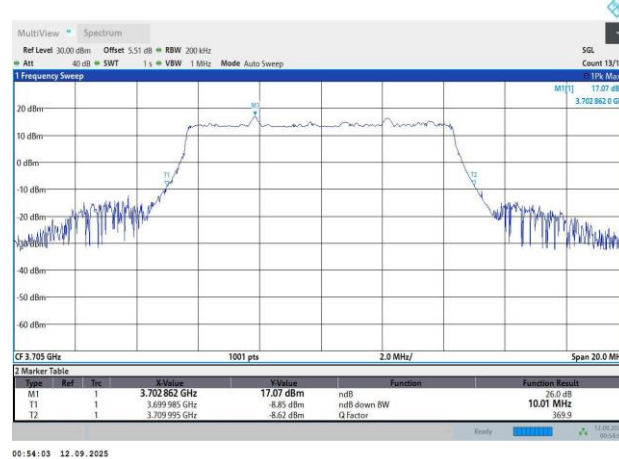
3.2 Test Plots



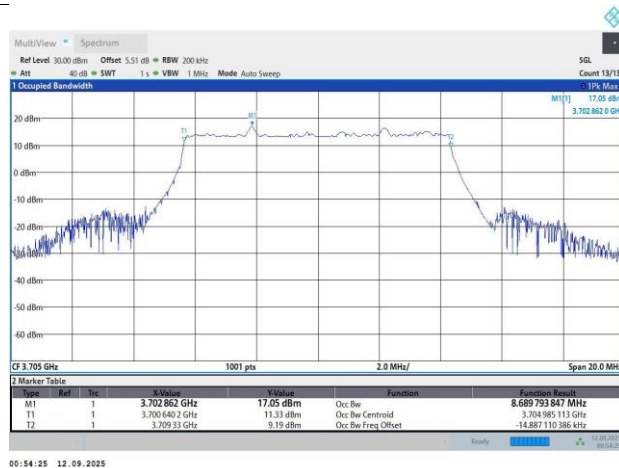
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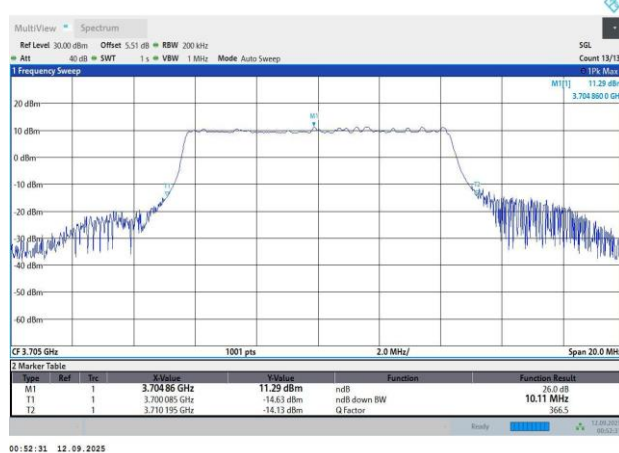
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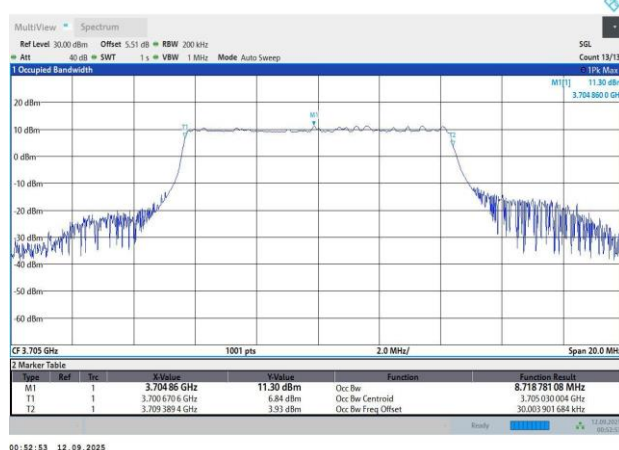
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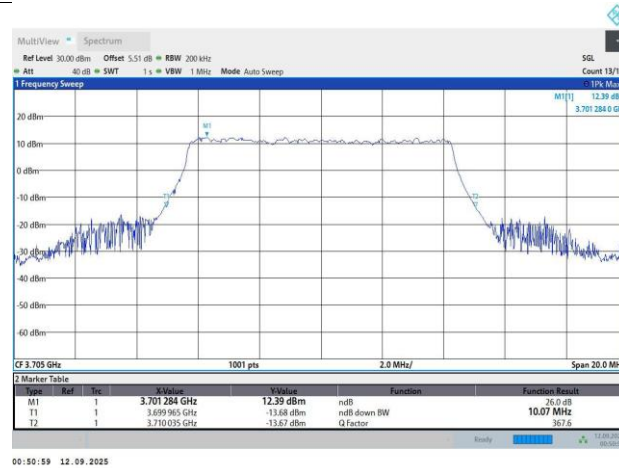
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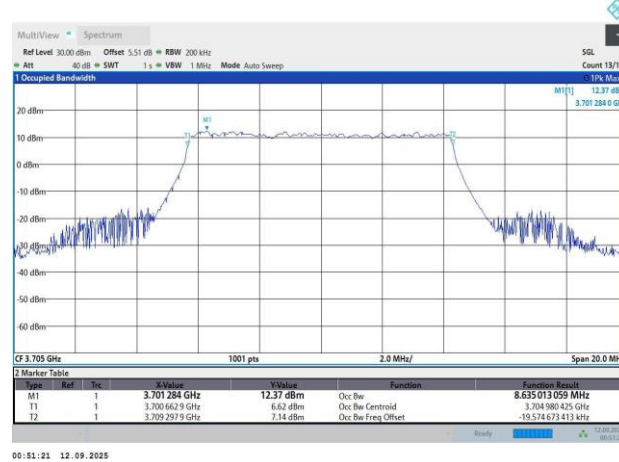
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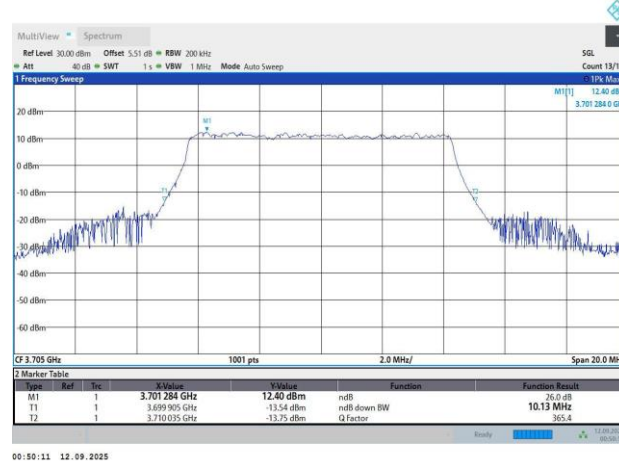
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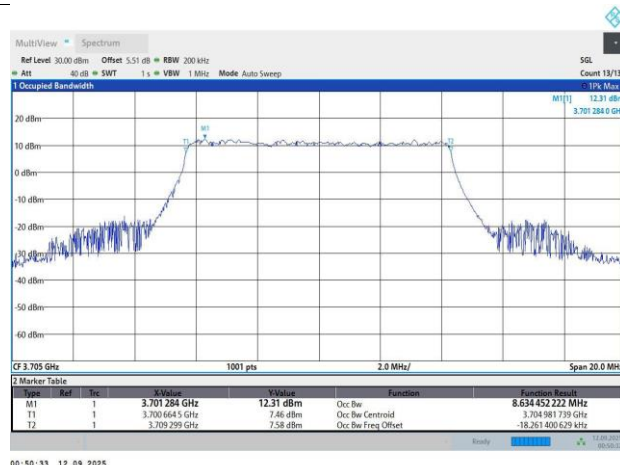
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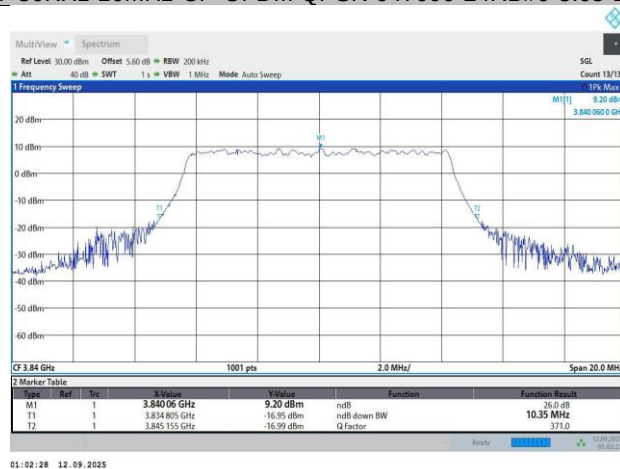
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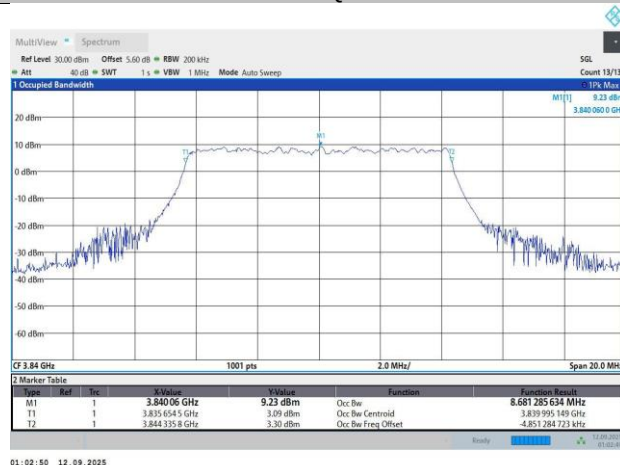
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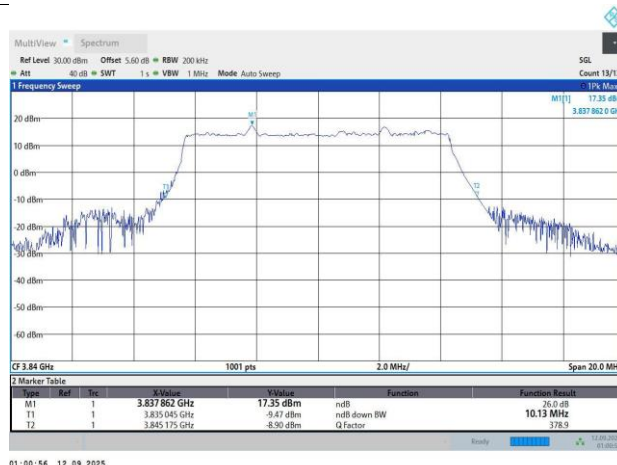
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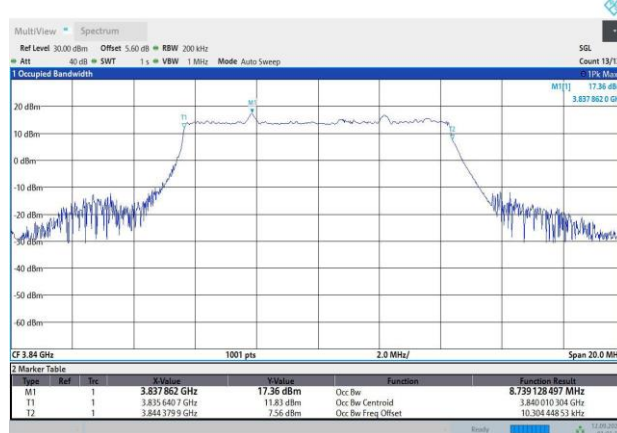


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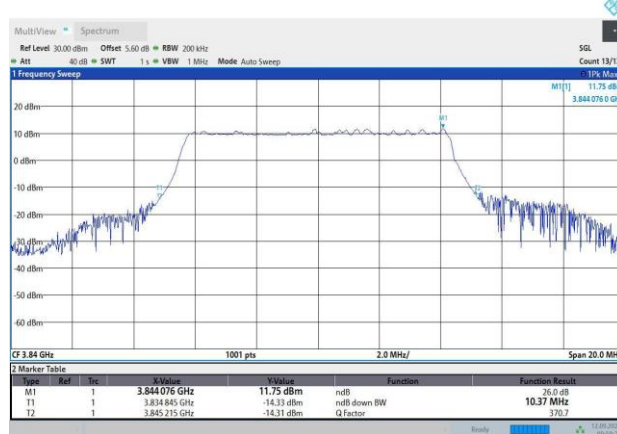
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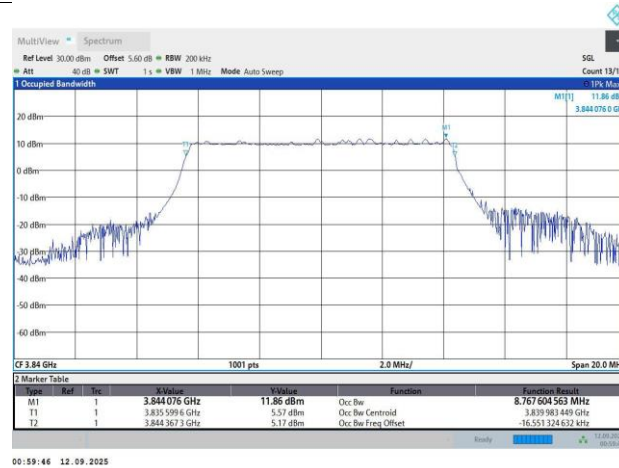
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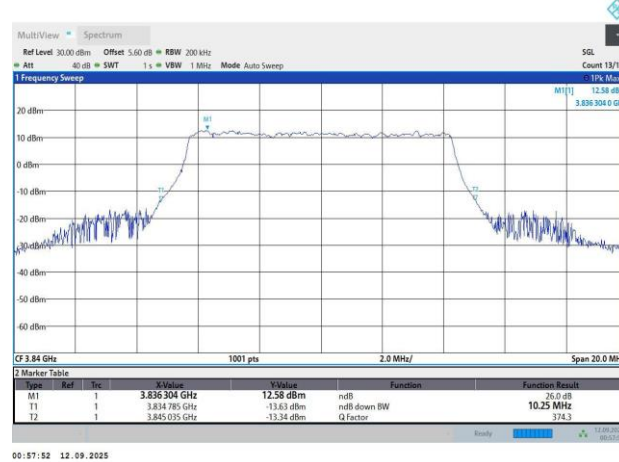


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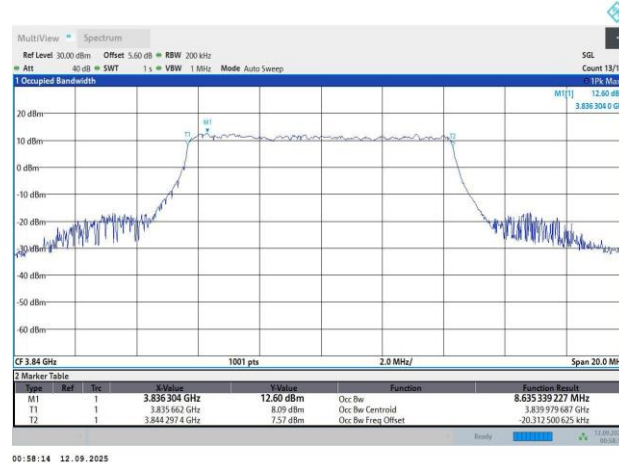
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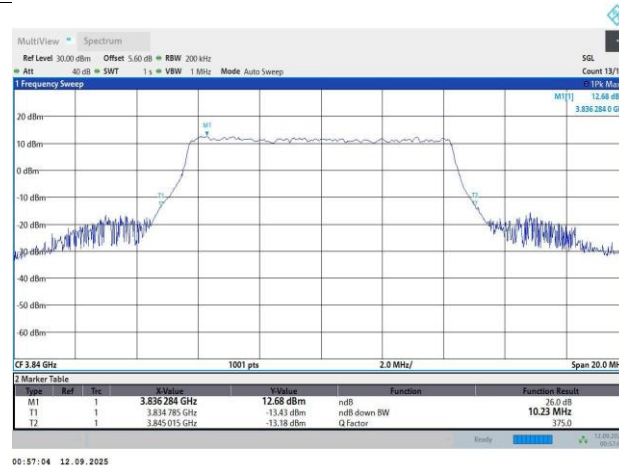
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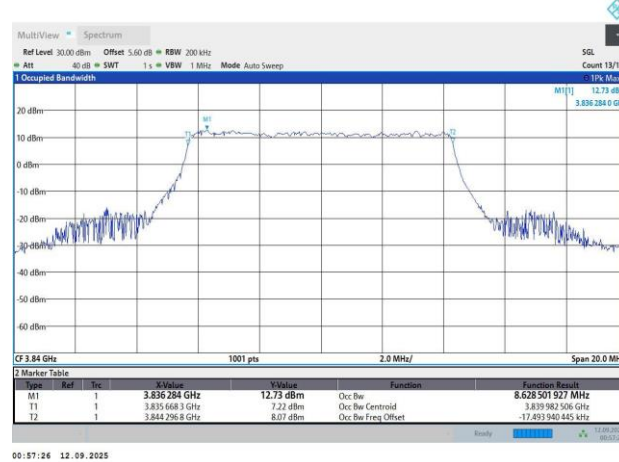
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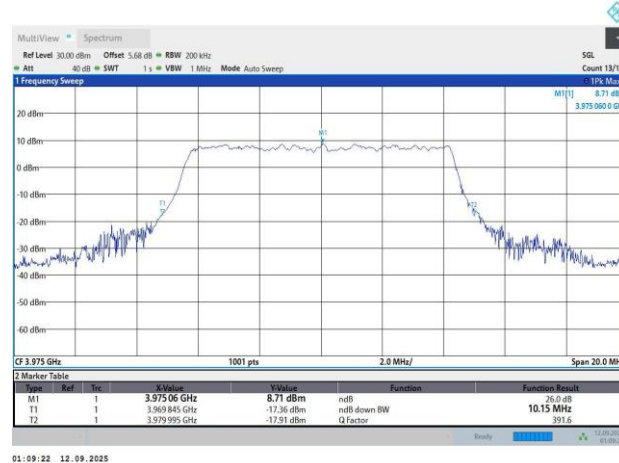
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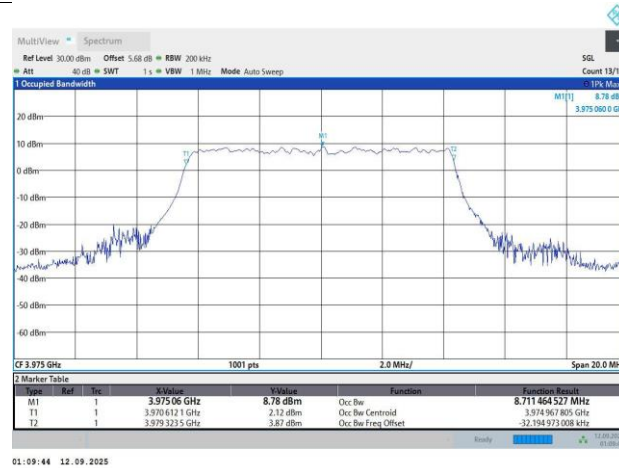
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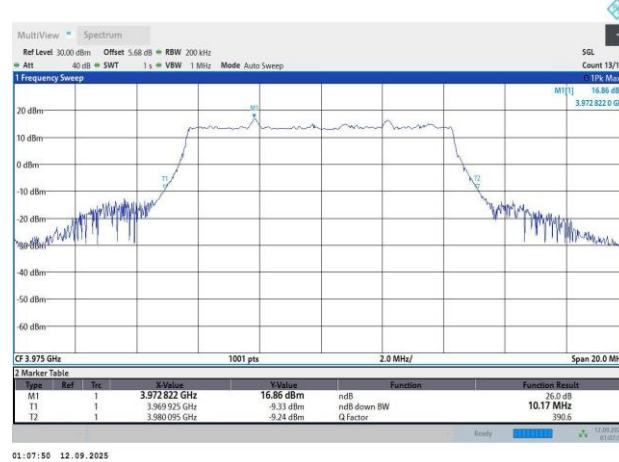
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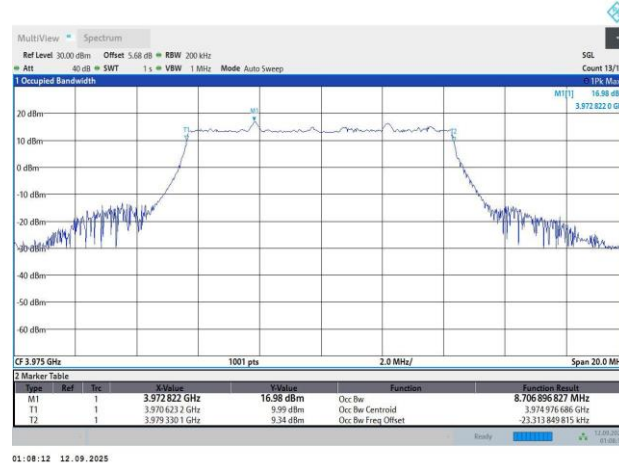
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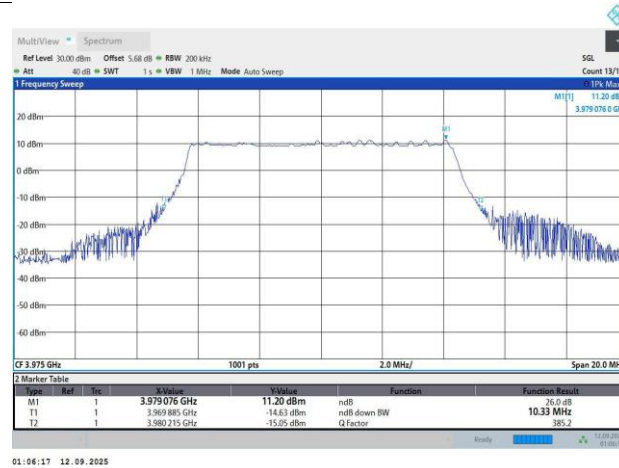
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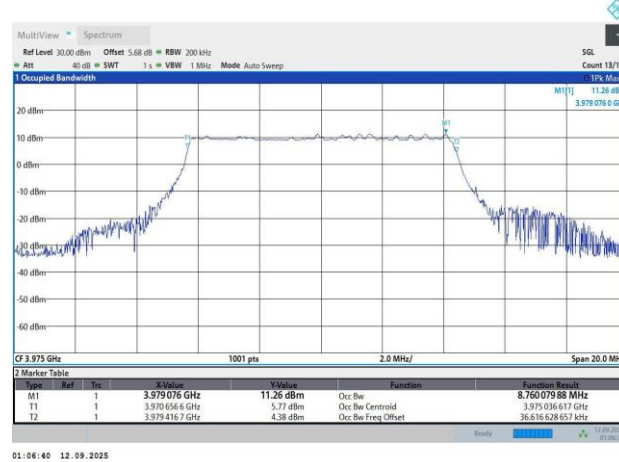
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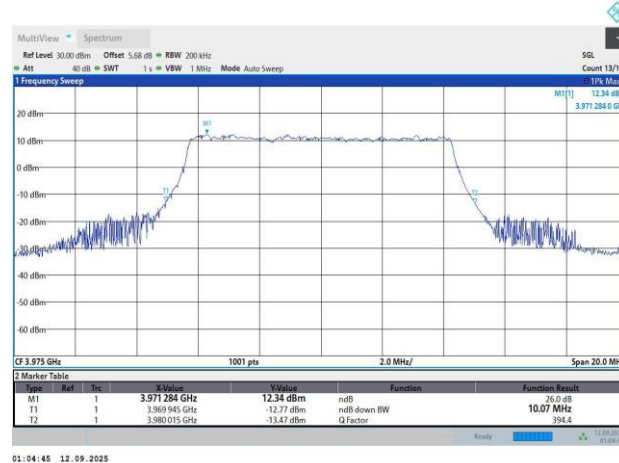
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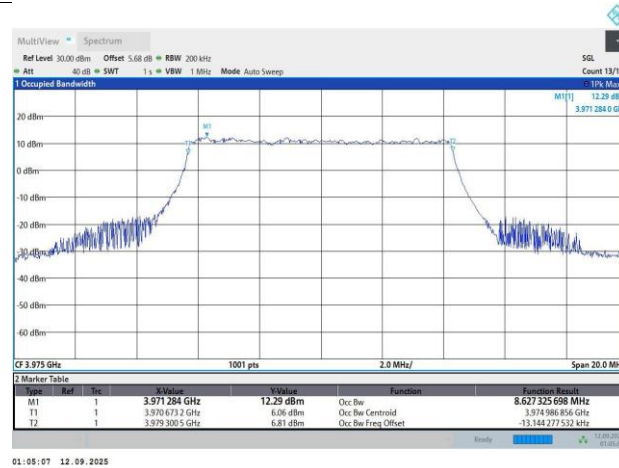
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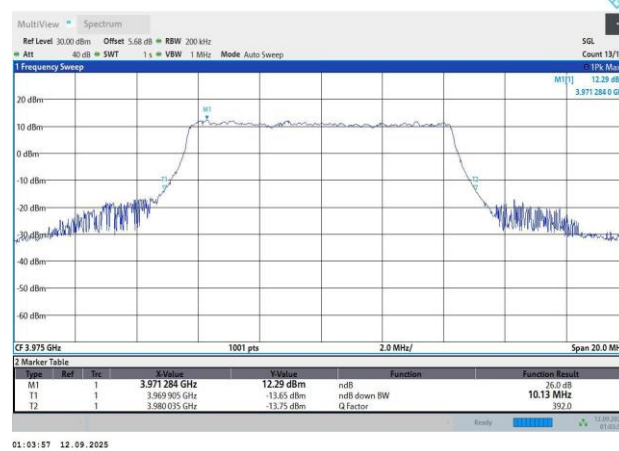
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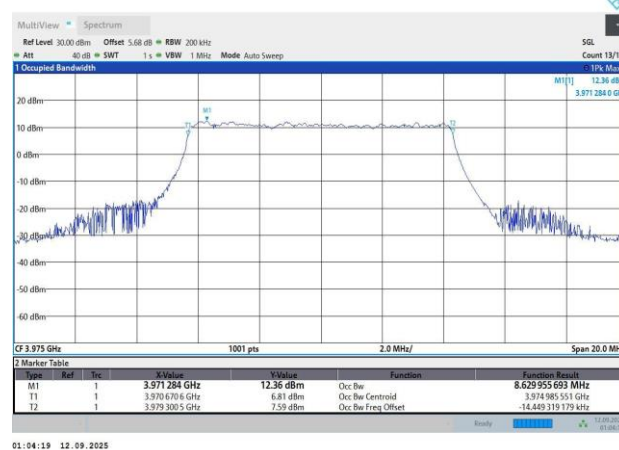
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N77-30KHz-10MHz-DFT-s-OFDM QPSK-665000-24RB#0-8.63-10.07



N77-30KHz-10MHz-CP-OFDM QPSK-665000-24RB#0-8.63-10.13



N77-30KHz-10MHz-CP-OFDM QPSK-665000-24RB#0-8.63-10.13



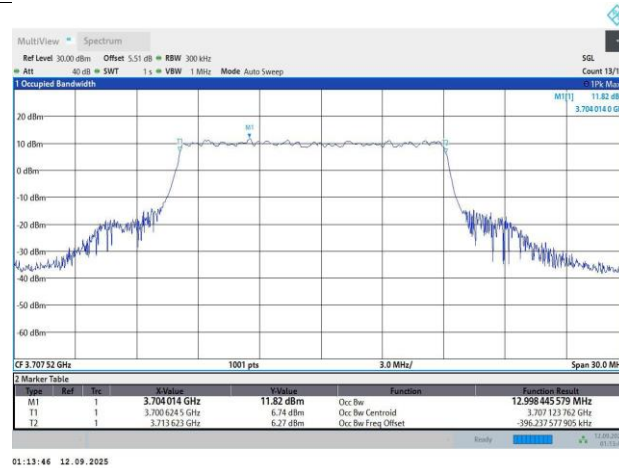
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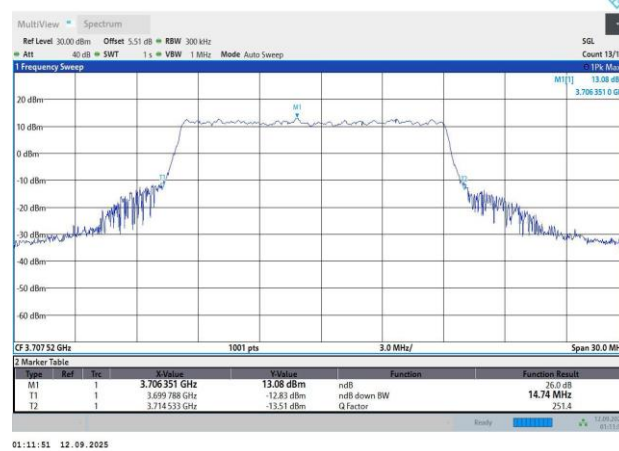
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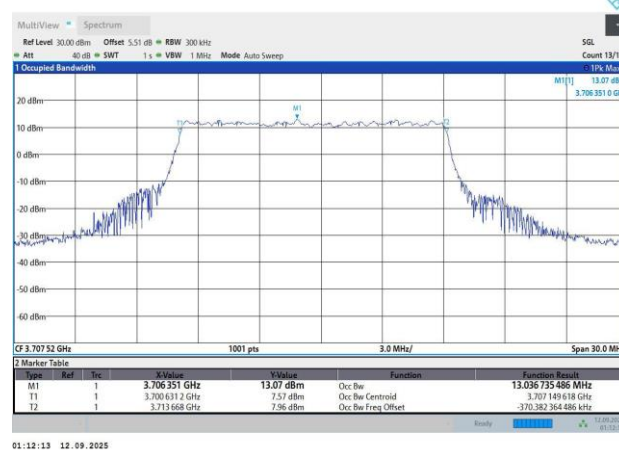
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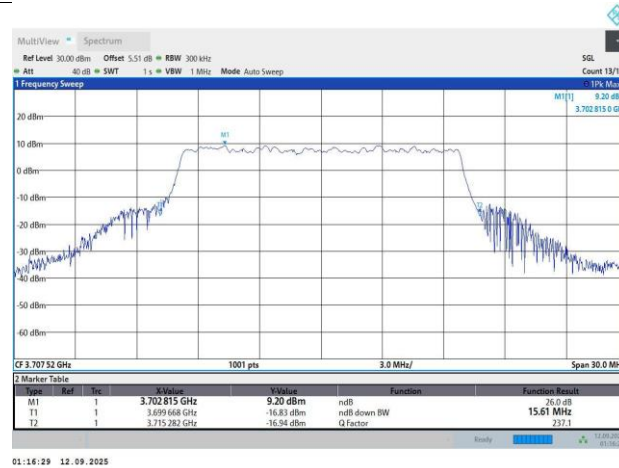
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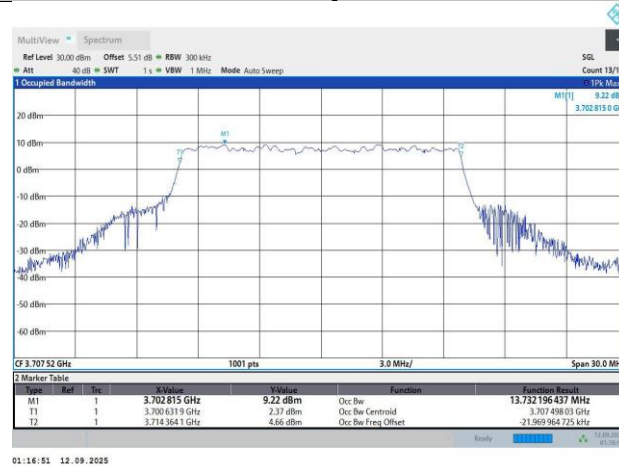
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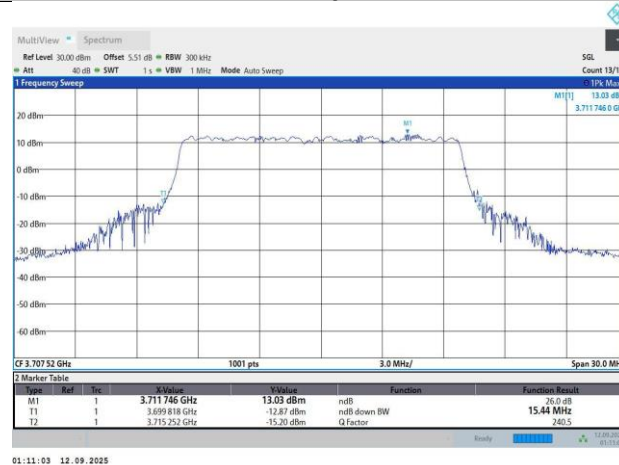
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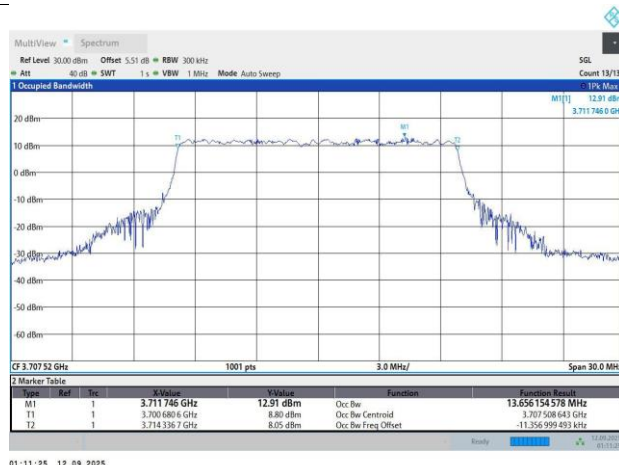
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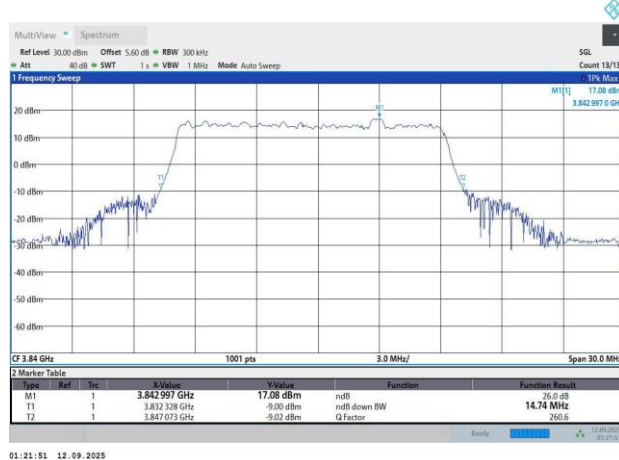
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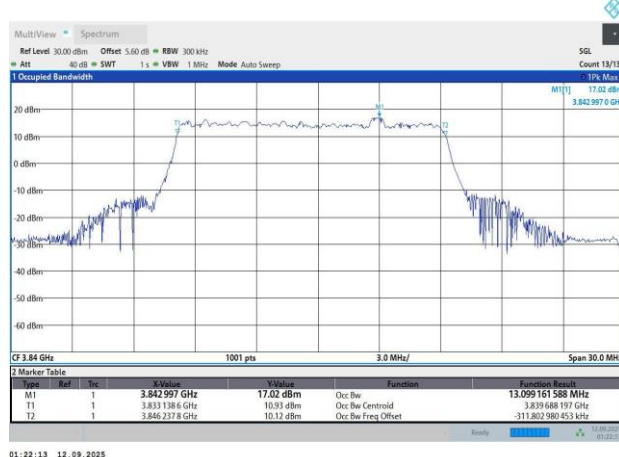
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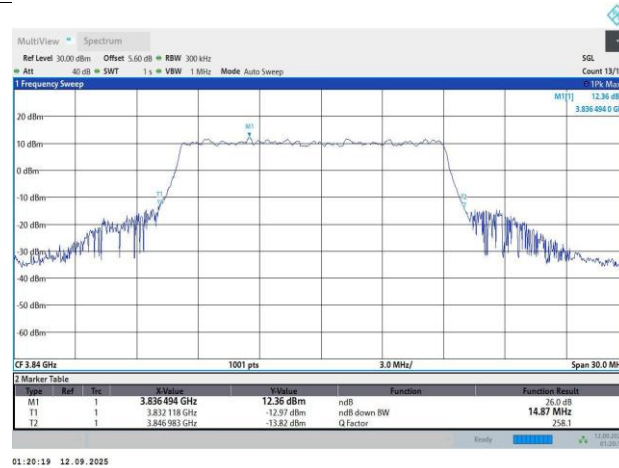
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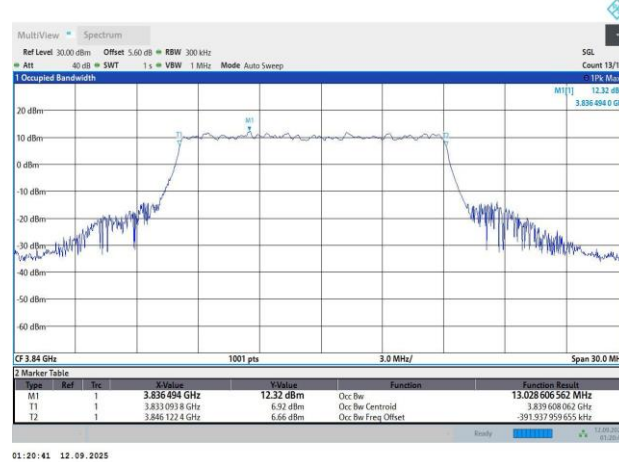
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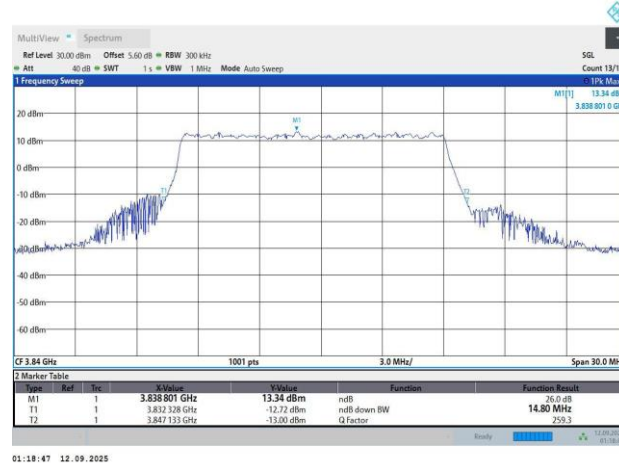
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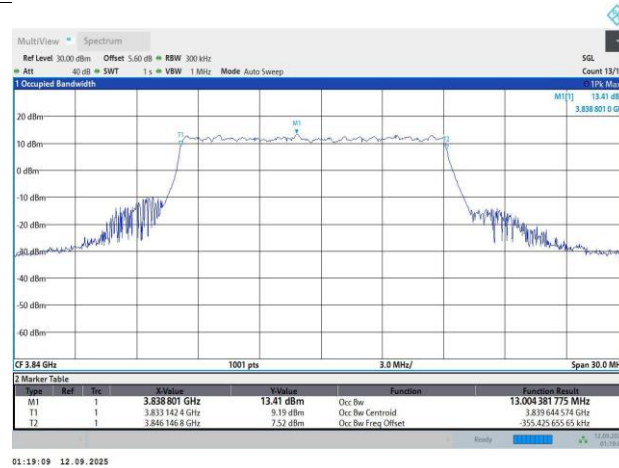
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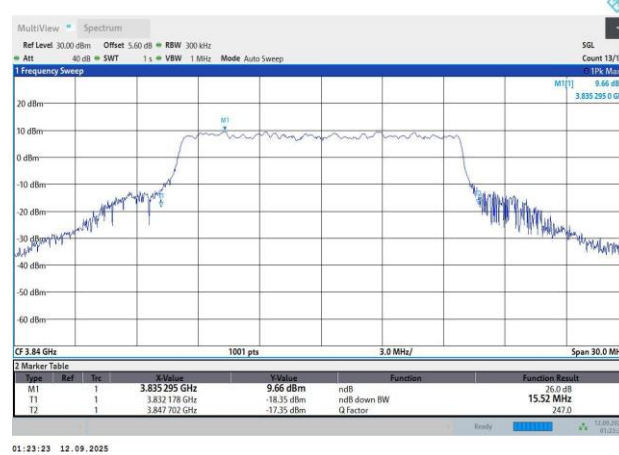
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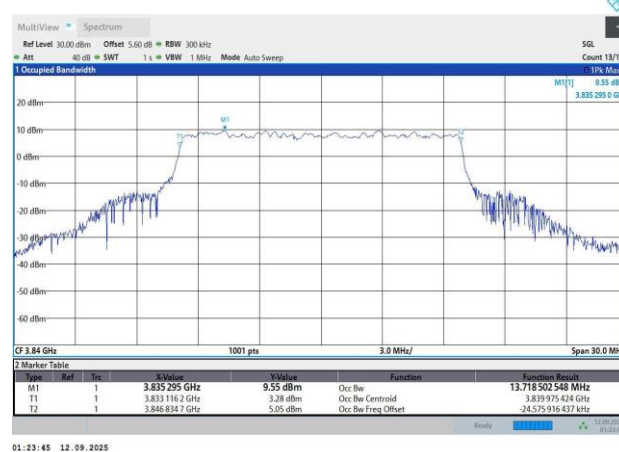
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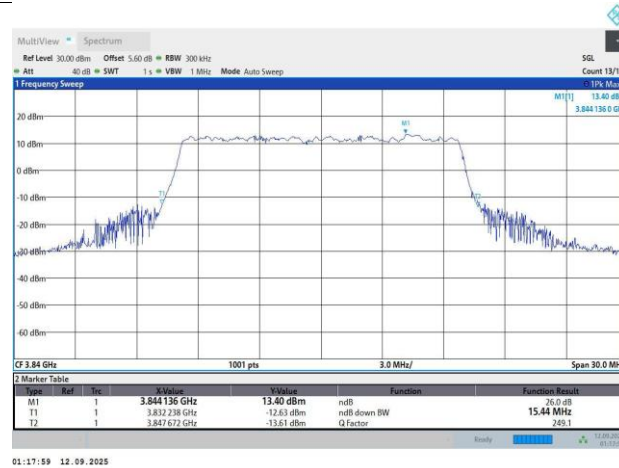
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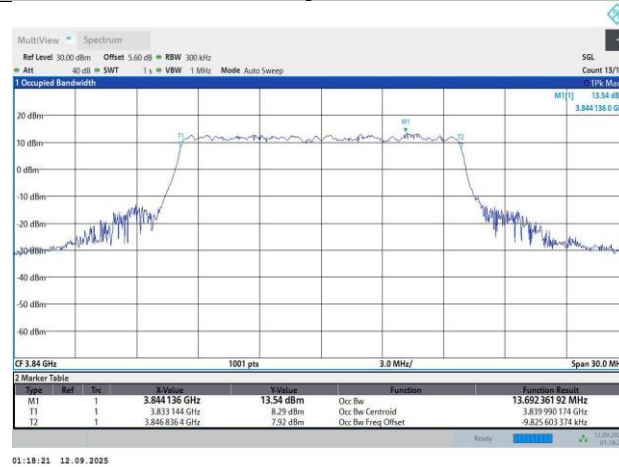
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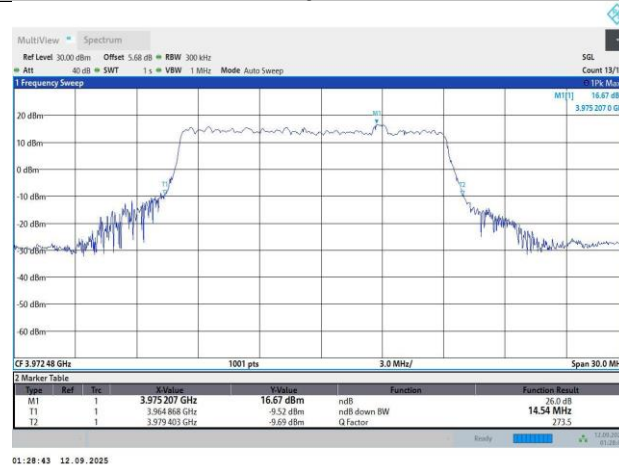
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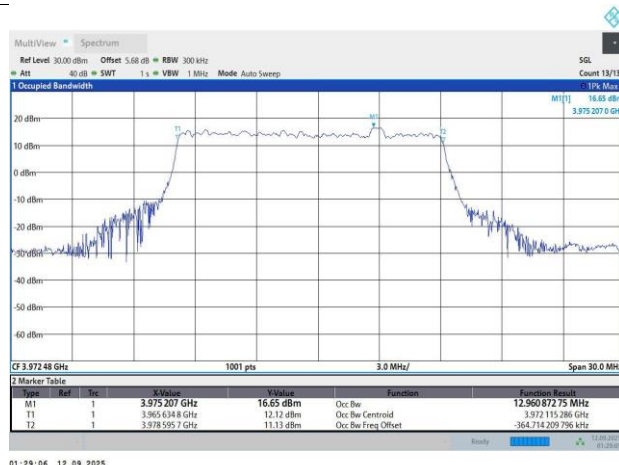
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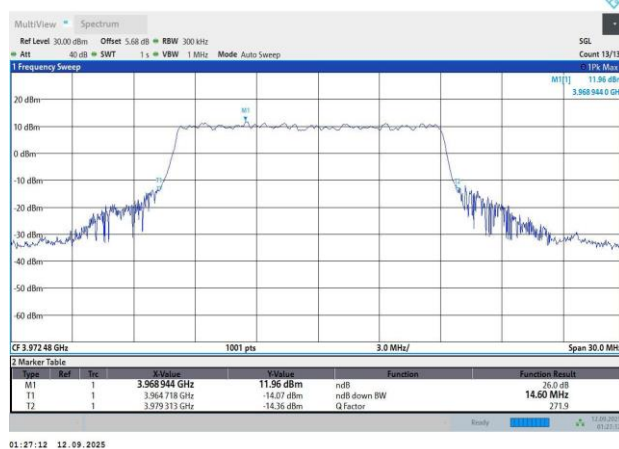
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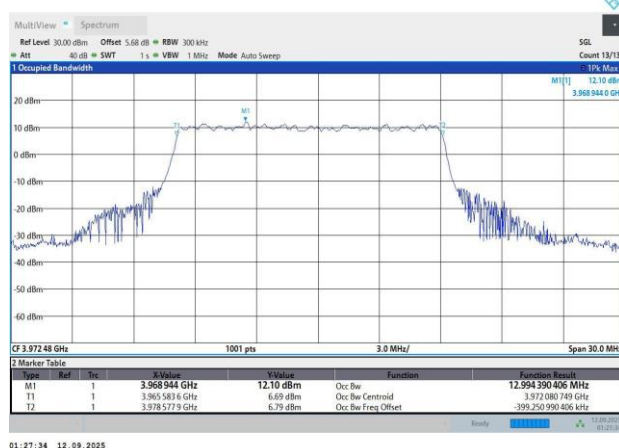
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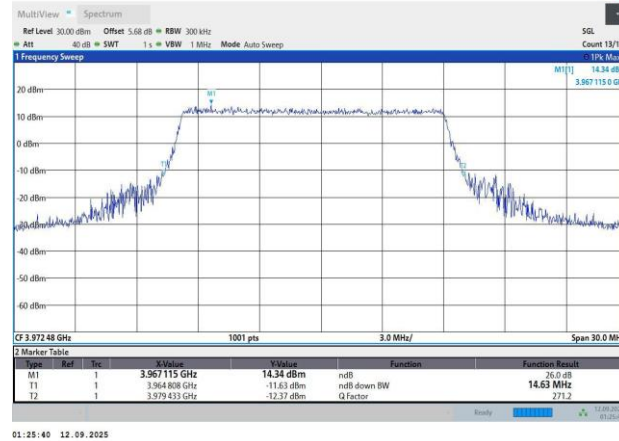
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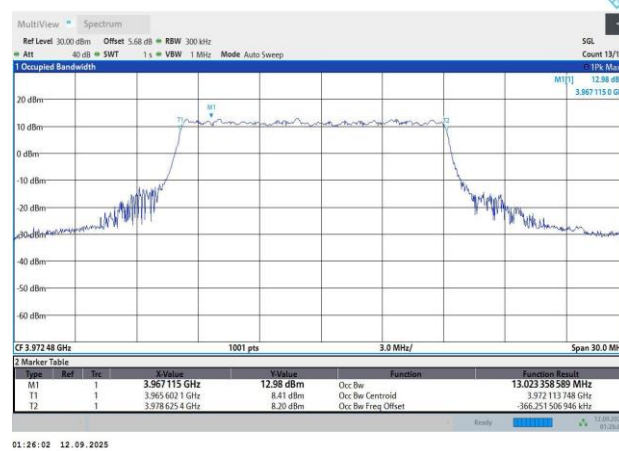
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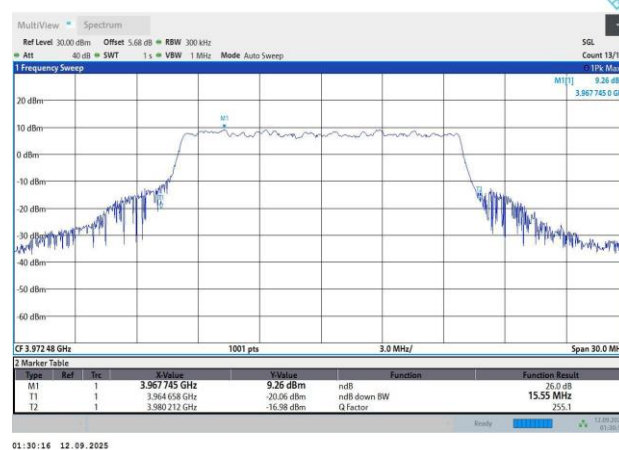
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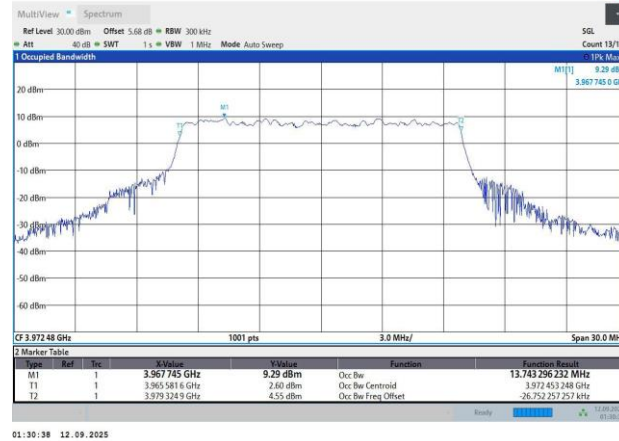
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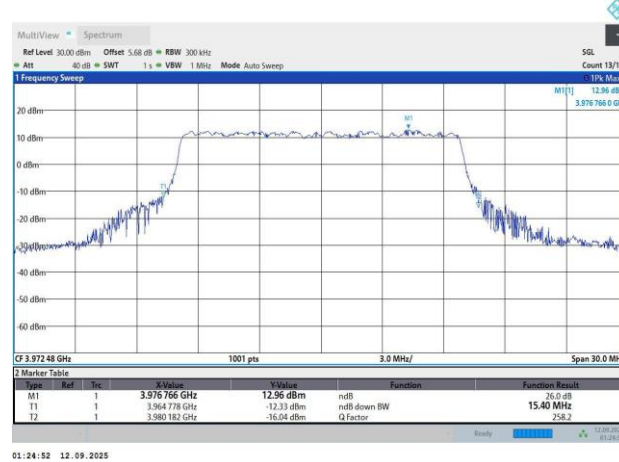
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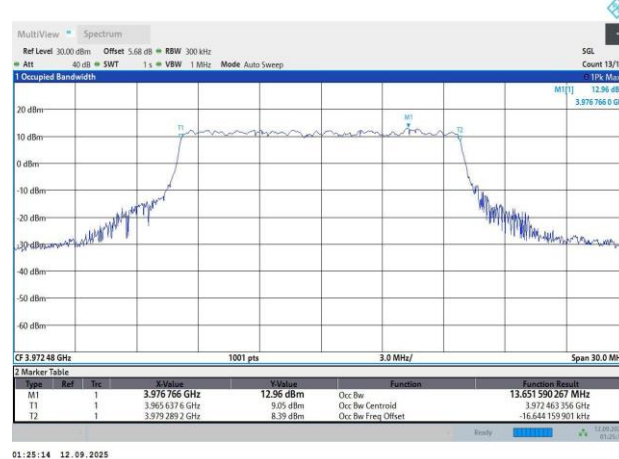
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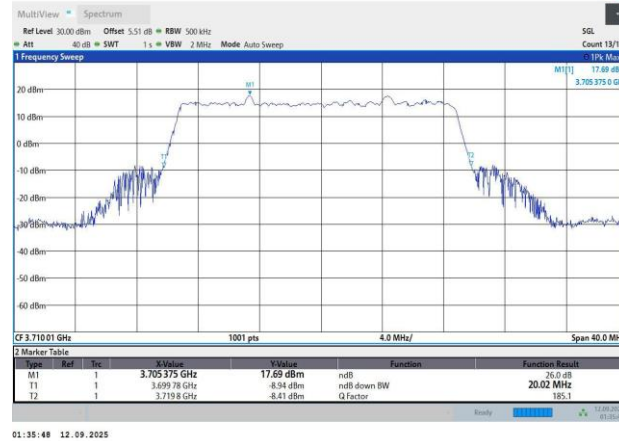
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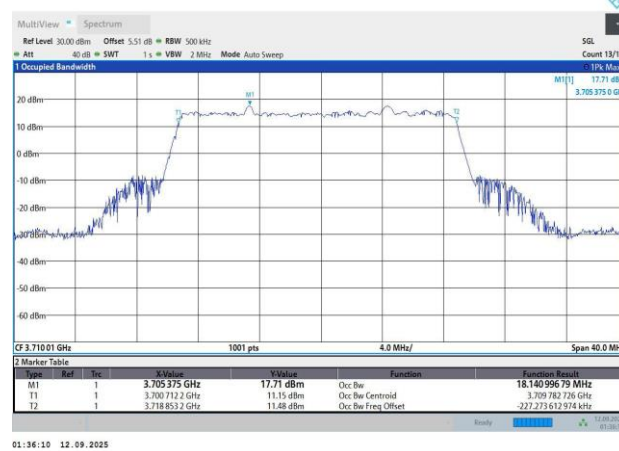
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N77-30KHz-15MHz-CP-OFDM QPSK-664832-38RB#0-13.65-15.4



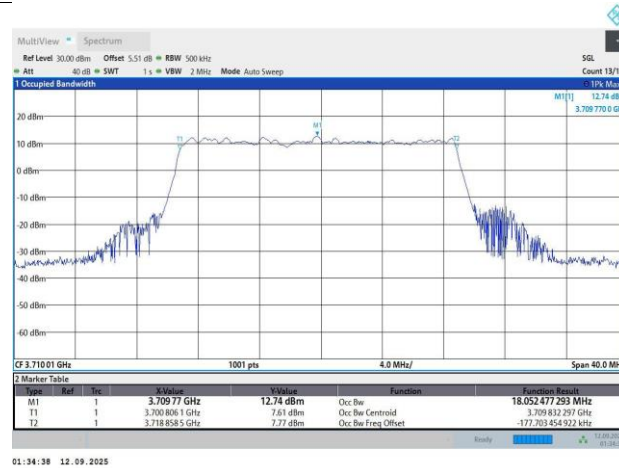
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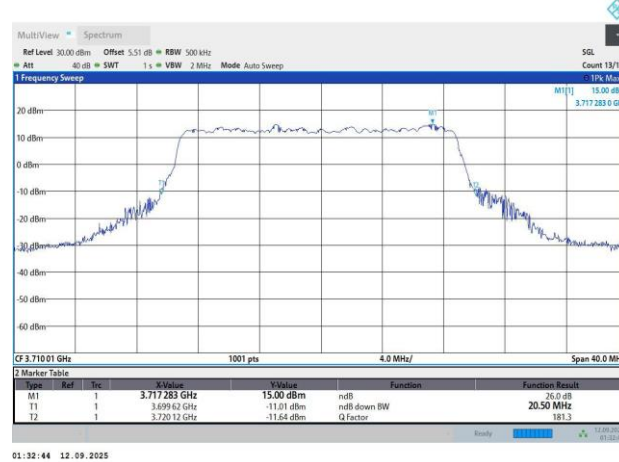
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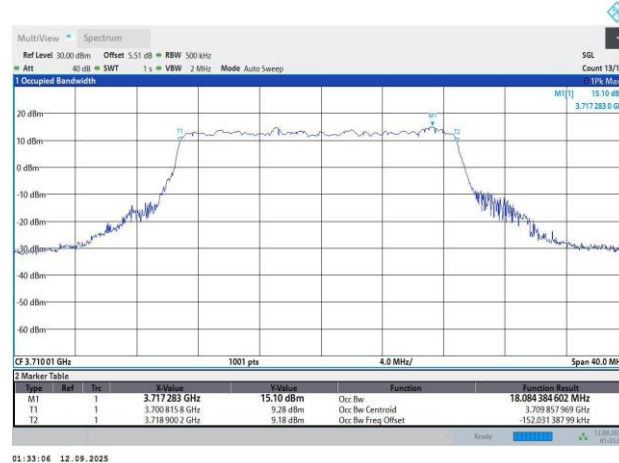
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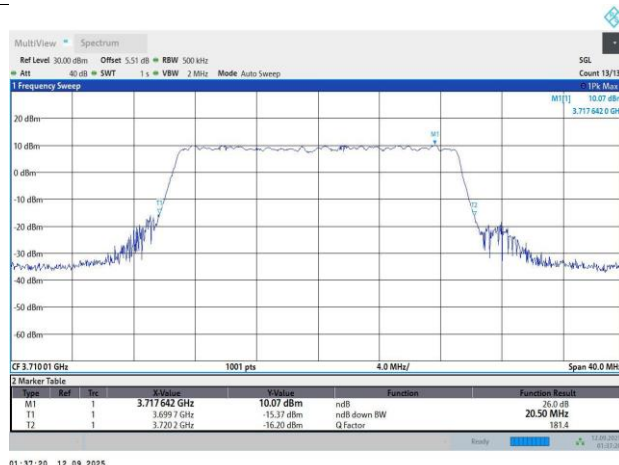
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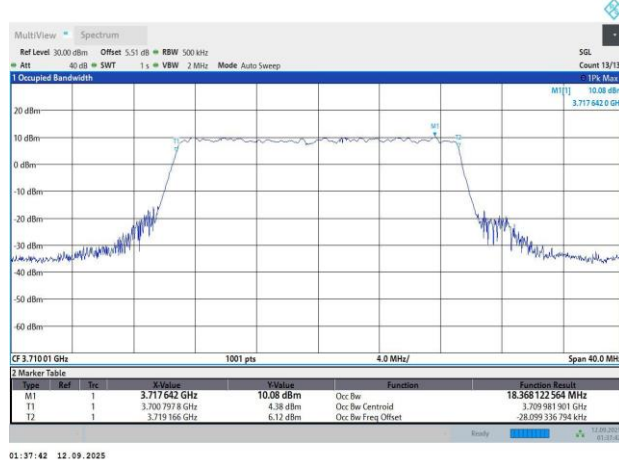
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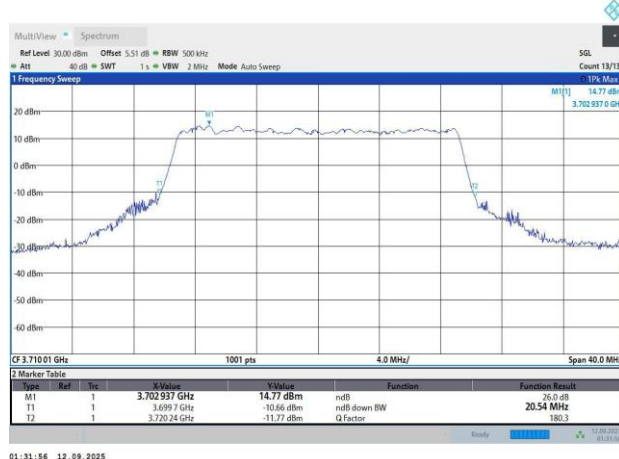
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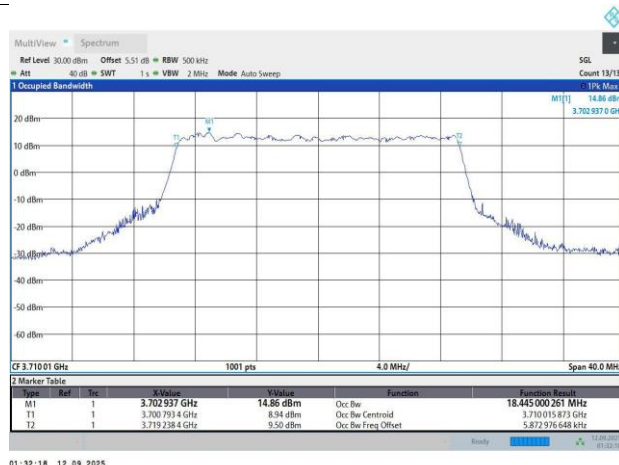
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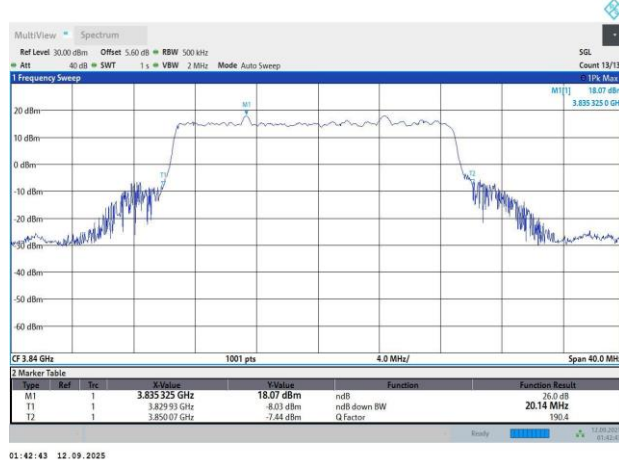
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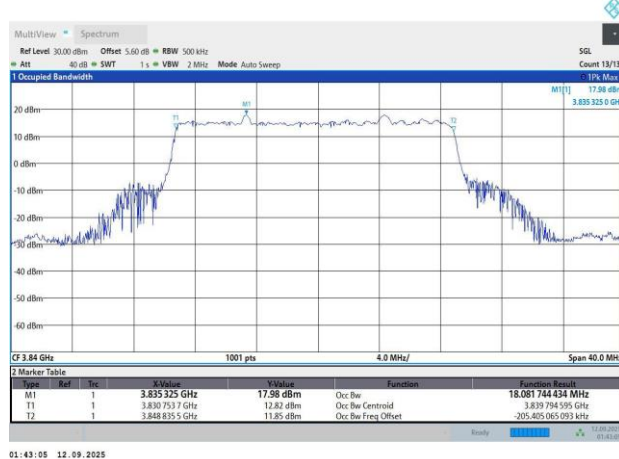
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N77-30KHz-20MHz-CP-OFDM QPSK-647334-51RB#0-18.44-20.54



N77-30KHz-20MHz-DFT-s-OFDM PI/2 BPSK-656000-50RB#0-18.08-20.14



N77-30KHz-20MHz-DFT-s-OFDM PI/2 BPSK-656000-50RB#0-18.08-20.14