

Appendix for Band n38

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

Ant13

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	515000	1RB#1	23.03	24.63	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	515000	1RB#1	22.69	24.29	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	515000	1RB#1	23.08	24.68	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	515000	1RB#22	22.97	24.57	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	515000	1RB#22	22.63	24.23	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	515000	1RB#22	23.01	24.61	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	515000	12RB#6	22.94	24.54	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	515000	12RB#6	22.4	24.0	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	515000	12RB#6	22.95	24.55	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#1	22.93	24.53	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	519000	1RB#1	21.54	23.14	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	519000	1RB#1	21.94	23.54	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#22	22.99	24.59	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	519000	1RB#22	21.68	23.28	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	519000	1RB#22	22.09	23.69	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	519000	12RB#6	22.87	24.47	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	519000	12RB#6	21.31	22.91	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	519000	12RB#6	21.91	23.51	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	523000	1RB#1	23.15	24.75	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	523000	1RB#1	22.73	24.33	33	PASS

N38	30KHz	10MHz	DFT-s-OFDM QPSK	523000	1RB#1	23.13	24.73	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	523000	1RB#22	23.12	24.72	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	523000	1RB#22	22.7	24.3	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	523000	1RB#22	23.1	24.7	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	523000	12RB#6	23.01	24.61	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM 16QAM	523000	12RB#6	22.52	24.12	33	PASS
N38	30KHz	10MHz	DFT-s-OFDM QPSK	523000	12RB#6	22.95	24.55	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	515500	1RB#1	23.02	24.62	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	515500	1RB#1	22.68	24.28	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	515500	1RB#1	22.97	24.57	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	515500	1RB#36	22.96	24.56	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	515500	1RB#36	22.64	24.24	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	515500	1RB#36	23.0	24.6	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	515500	18RB#9	23.04	24.64	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	515500	18RB#9	22.58	24.18	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	515500	18RB#9	23.0	24.6	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#1	22.92	24.52	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	519000	1RB#1	21.44	23.04	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	519000	1RB#1	22.02	23.62	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#36	23.01	24.61	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	519000	1RB#36	21.52	23.12	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	519000	1RB#36	22.12	23.72	33	PASS

N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	519000	18RB#9	22.96	24.56	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	519000	18RB#9	21.42	23.02	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	519000	18RB#9	21.94	23.54	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	522500	1RB#1	22.98	24.58	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	522500	1RB#1	22.57	24.17	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	522500	1RB#1	23.06	24.66	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	522500	1RB#36	23.1	24.7	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	522500	1RB#36	22.7	24.3	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	522500	1RB#36	23.08	24.68	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	522500	18RB#9	23.13	24.73	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM 16QAM	522500	18RB#9	22.56	24.16	33	PASS
N38	30KHz	15MHz	DFT-s-OFDM QPSK	522500	18RB#9	23.18	24.78	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	516000	1RB#1	22.91	24.51	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	516000	1RB#1	22.51	24.11	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	516000	1RB#1	22.88	24.48	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	516000	1RB#49	22.96	24.56	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	516000	1RB#49	22.45	24.05	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	516000	1RB#49	22.84	24.44	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	516000	25RB#12	23.01	24.61	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	516000	25RB#12	22.51	24.11	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	516000	25RB#12	23.03	24.63	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#1	22.93	24.53	33	PASS

N38	30KHz	20MHz	DFT-s-OFDM 16QAM	519000	1RB#1	21.2	22.8	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	519000	1RB#1	21.84	23.44	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#49	22.99	24.59	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	519000	1RB#49	21.38	22.98	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	519000	1RB#49	22.07	23.67	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	519000	25RB#12	22.98	24.58	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	519000	25RB#12	21.47	23.07	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	519000	25RB#12	21.95	23.55	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	522000	1RB#1	22.94	24.54	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	522000	1RB#1	22.44	24.04	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	522000	1RB#1	22.87	24.47	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	522000	1RB#49	22.99	24.59	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	522000	1RB#49	22.59	24.19	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	522000	1RB#49	23.0	24.6	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	522000	25RB#12	23.12	24.72	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM 16QAM	522000	25RB#12	22.54	24.14	33	PASS
N38	30KHz	20MHz	DFT-s-OFDM QPSK	522000	25RB#12	23.1	24.7	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	517000	1RB#1	23.1	24.7	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	517000	1RB#1	22.68	24.28	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	517000	1RB#1	23.11	24.71	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	517000	1RB#76	23.05	24.65	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	517000	1RB#76	22.67	24.27	33	PASS

N38	30KHz	30MHz	DFT-s-OFDM QPSK	517000	1RB#76	23.06	24.66	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	517000	36RB#18	22.97	24.57	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	517000	36RB#18	22.52	24.12	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	517000	36RB#18	23.0	24.6	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#1	22.92	24.52	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	519000	1RB#1	21.43	23.03	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	519000	1RB#1	22.0	23.6	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#76	23.12	24.72	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	519000	1RB#76	21.62	23.22	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	519000	1RB#76	22.21	23.81	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	519000	36RB#18	22.94	24.54	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	519000	36RB#18	21.46	23.06	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	519000	36RB#18	21.99	23.59	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	521000	1RB#1	22.82	24.42	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	521000	1RB#1	22.5	24.1	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	521000	1RB#1	22.97	24.57	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	521000	1RB#76	23.12	24.72	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	521000	1RB#76	22.79	24.39	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	521000	1RB#76	23.1	24.7	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	521000	36RB#18	23.0	24.6	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM 16QAM	521000	36RB#18	22.57	24.17	33	PASS
N38	30KHz	30MHz	DFT-s-OFDM QPSK	521000	36RB#18	23.03	24.63	33	PASS

N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	518000	1RB#1	23.02	24.62	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	518000	1RB#1	22.68	24.28	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	1RB#1	23.15	24.75	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	518000	1RB#104	23.16	24.76	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	518000	1RB#104	22.75	24.35	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	1RB#104	23.23	24.83	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	518000	50RB#25	22.98	24.58	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	518000	50RB#25	22.44	24.04	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	50RB#25	22.97	24.57	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#1	23.05	24.65	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	519000	1RB#1	21.56	23.16	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	1RB#1	22.03	23.63	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	519000	1RB#104	23.19	24.79	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	519000	1RB#104	21.7	23.3	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	1RB#104	22.27	23.87	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	519000	50RB#25	22.98	24.58	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	519000	50RB#25	21.44	23.04	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	50RB#25	21.99	23.59	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	520000	1RB#1	22.96	24.56	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	520000	1RB#1	22.52	24.12	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	1RB#1	22.93	24.53	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	520000	1RB#104	23.06	24.66	33	PASS

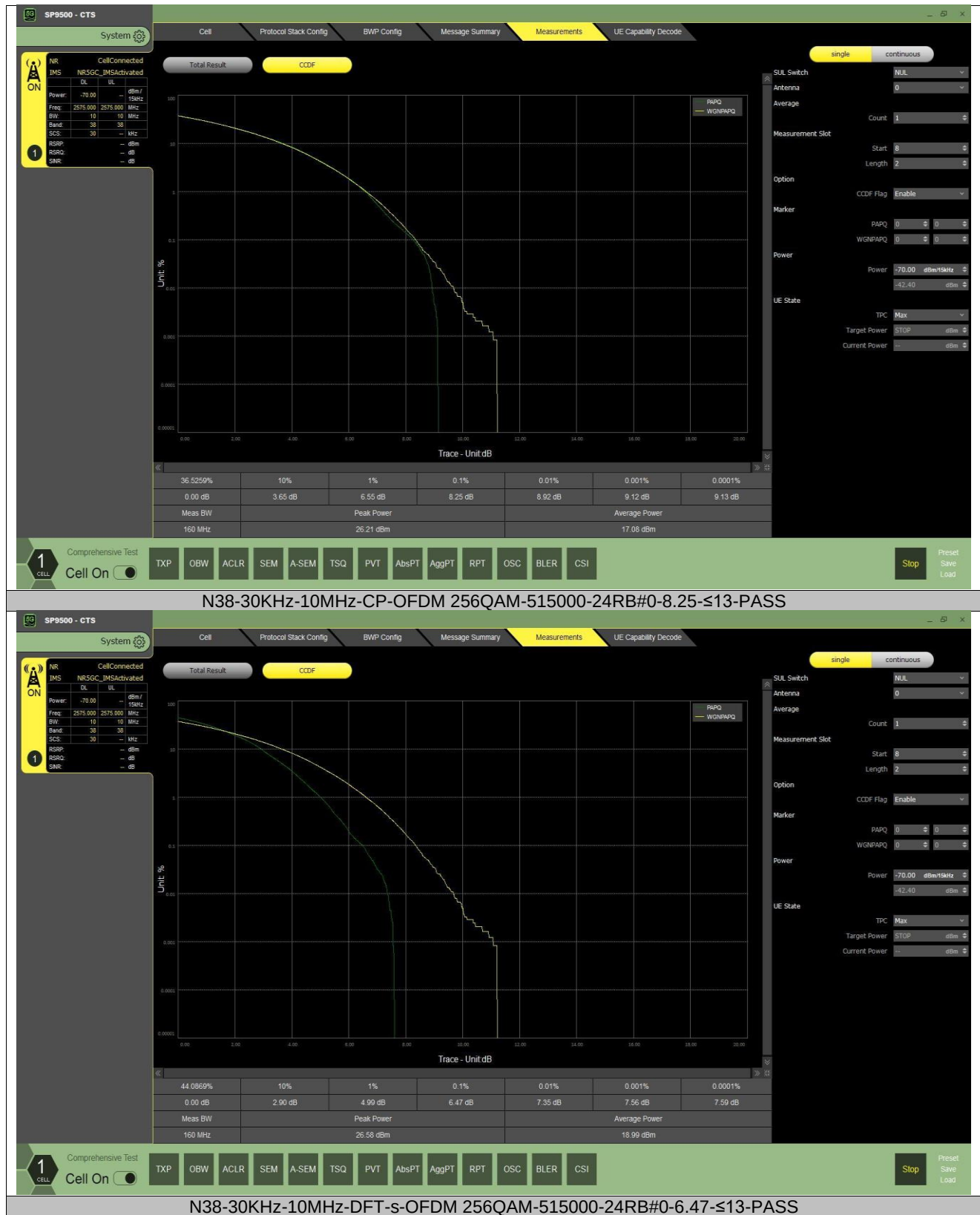
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	520000	1RB#104	22.75	24.35	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	1RB#104	23.22	24.82	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	520000	50RB#25	22.98	24.58	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM 16QAM	520000	50RB#25	22.37	23.97	33	PASS
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	50RB#25	22.99	24.59	33	PASS

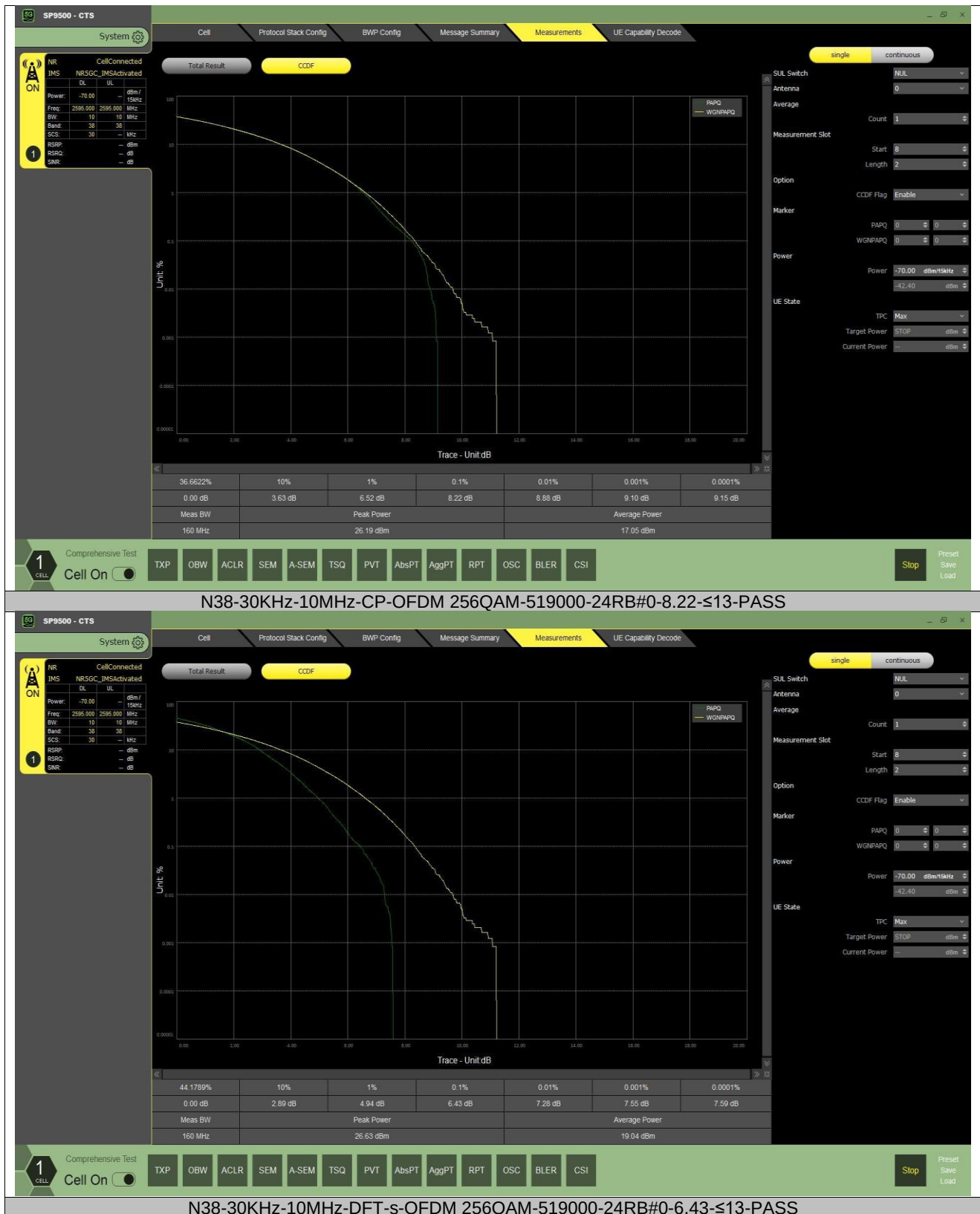
2 Appendix B: Peak-to-Average Ratio

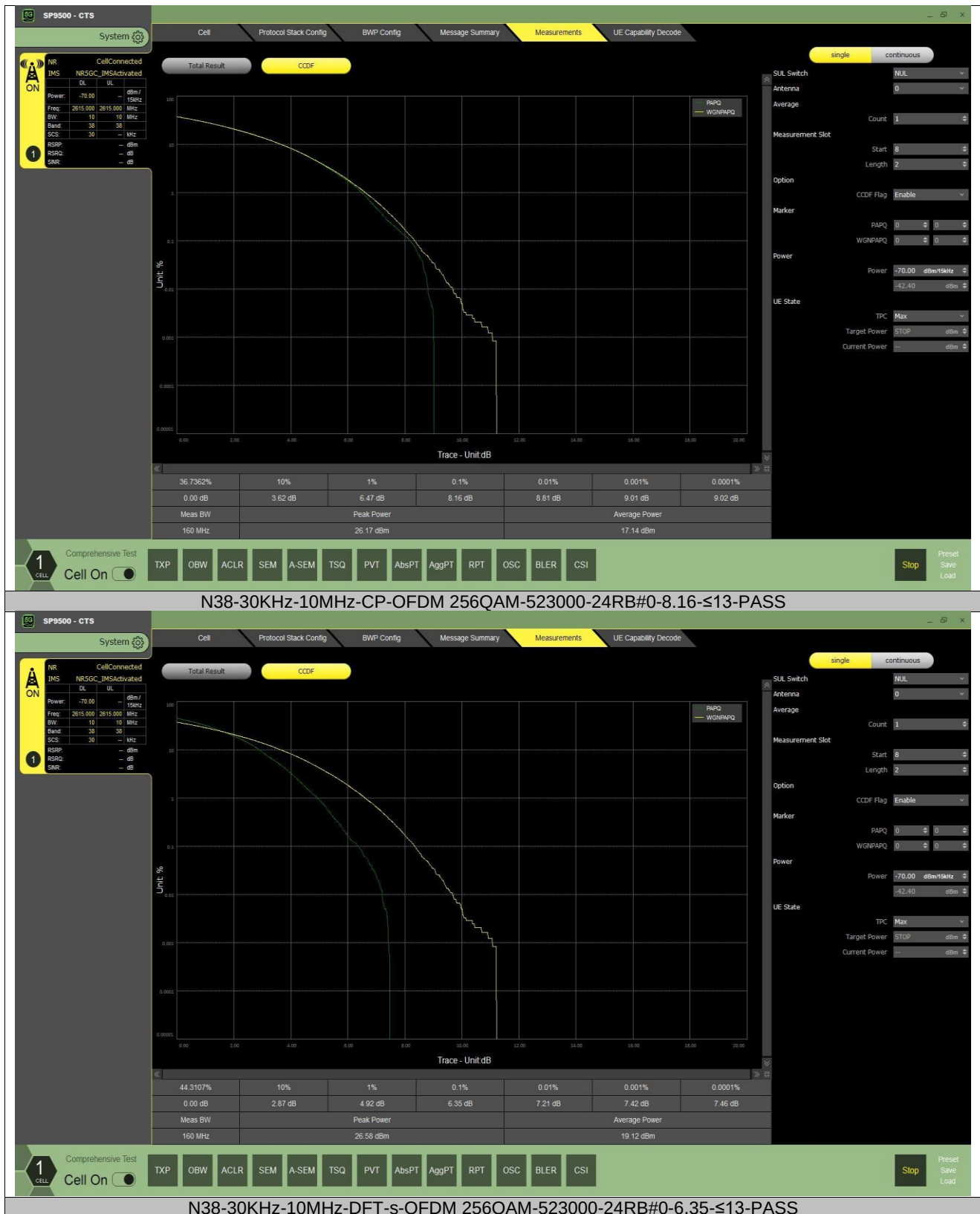
2.1 Test Result

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	Limit(dB)	Verdict
N38	30KHz	10MHz	CP-OFDM 256QAM	515000	24RB#0	8.25	≤13	PASS
N38	30KHz	10MHz	DFT-s-OFDM 256QAM	515000	24RB#0	6.47	≤13	PASS
N38	30KHz	10MHz	CP-OFDM 256QAM	519000	24RB#0	8.22	≤13	PASS
N38	30KHz	10MHz	DFT-s-OFDM 256QAM	519000	24RB#0	6.43	≤13	PASS
N38	30KHz	10MHz	CP-OFDM 256QAM	523000	24RB#0	8.16	≤13	PASS
N38	30KHz	10MHz	DFT-s-OFDM 256QAM	523000	24RB#0	6.35	≤13	PASS
N38	30KHz	20MHz	DFT-s-OFDM 256QAM	516000	50RB#0	6.16	≤13	PASS
N38	30KHz	20MHz	CP-OFDM 256QAM	516000	51RB#0	8.09	≤13	PASS
N38	30KHz	20MHz	DFT-s-OFDM 256QAM	519000	50RB#0	6.13	≤13	PASS
N38	30KHz	20MHz	CP-OFDM 256QAM	519000	51RB#0	8.04	≤13	PASS
N38	30KHz	20MHz	DFT-s-OFDM 256QAM	522000	50RB#0	6.04	≤13	PASS
N38	30KHz	20MHz	CP-OFDM 256QAM	522000	51RB#0	8.03	≤13	PASS
N38	30KHz	40MHz	DFT-s-OFDM 256QAM	518000	100RB#0	6.17	≤13	PASS
N38	30KHz	40MHz	CP-OFDM 256QAM	518000	106RB#0	8.19	≤13	PASS
N38	30KHz	40MHz	DFT-s-OFDM 256QAM	519000	100RB#0	6.15	≤13	PASS
N38	30KHz	40MHz	CP-OFDM 256QAM	519000	106RB#0	8.18	≤13	PASS
N38	30KHz	40MHz	DFT-s-OFDM 256QAM	520000	100RB#0	6.14	≤13	PASS
N38	30KHz	40MHz	CP-OFDM 256QAM	520000	106RB#0	8.13	≤13	PASS

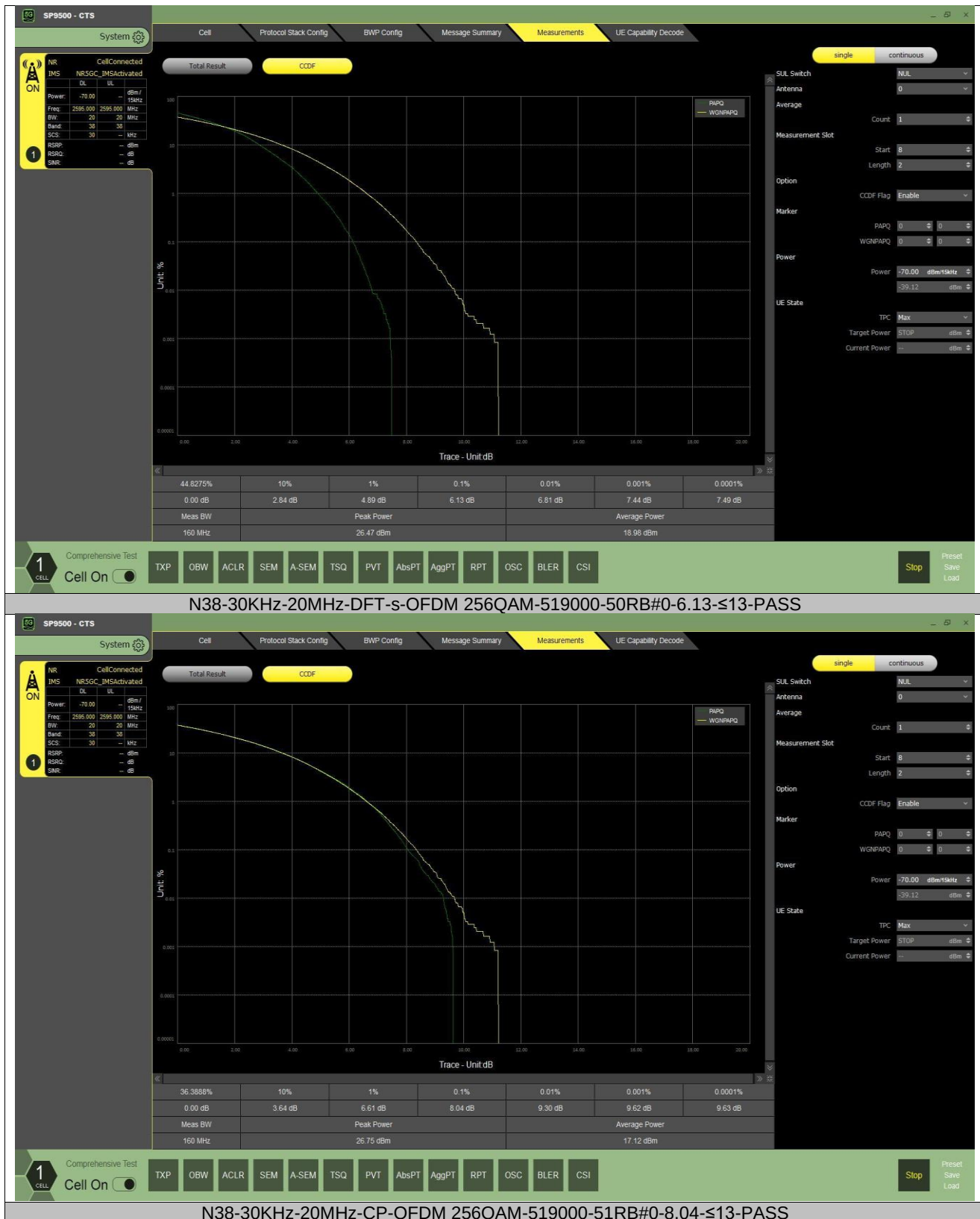
2.2 Test Plots

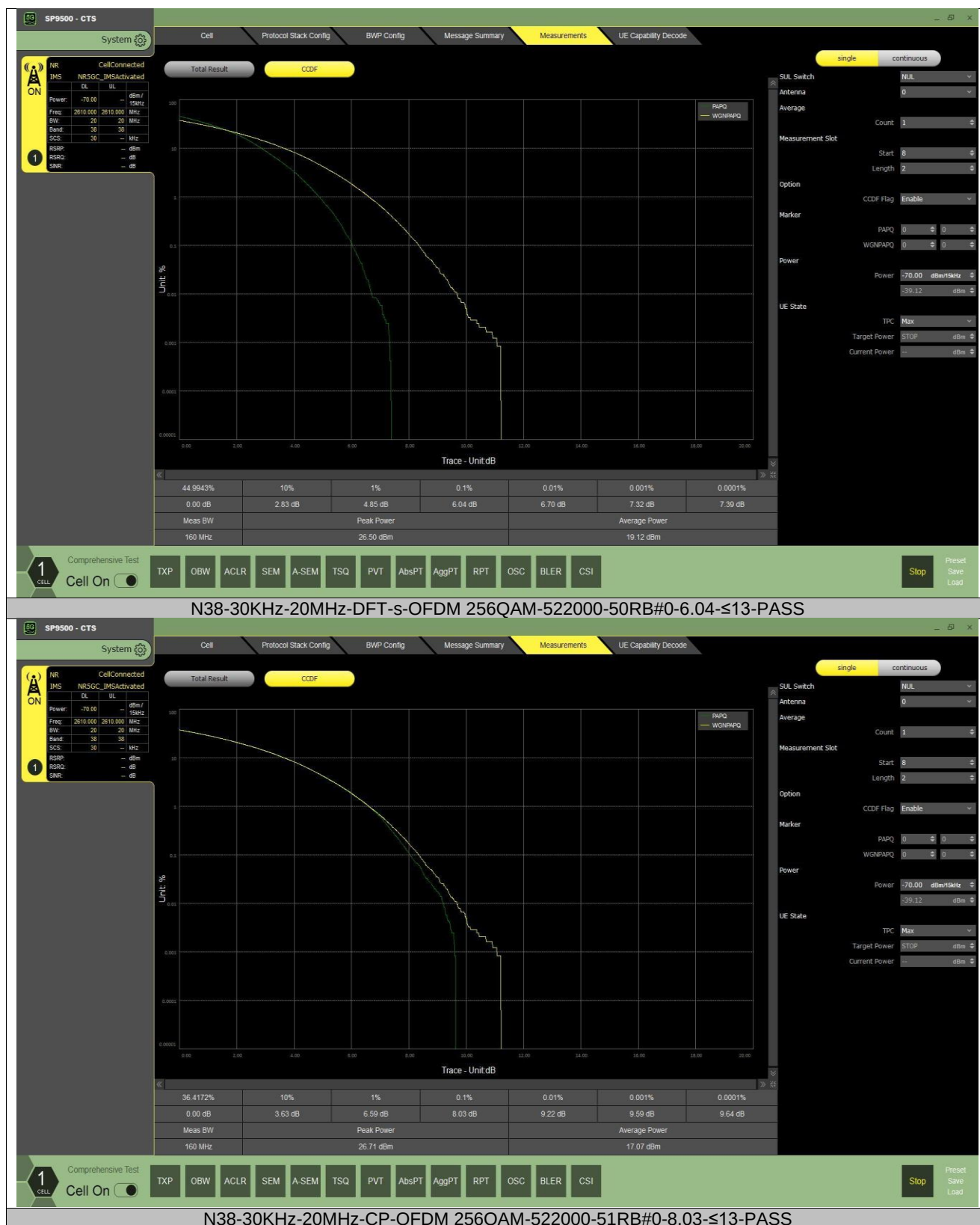


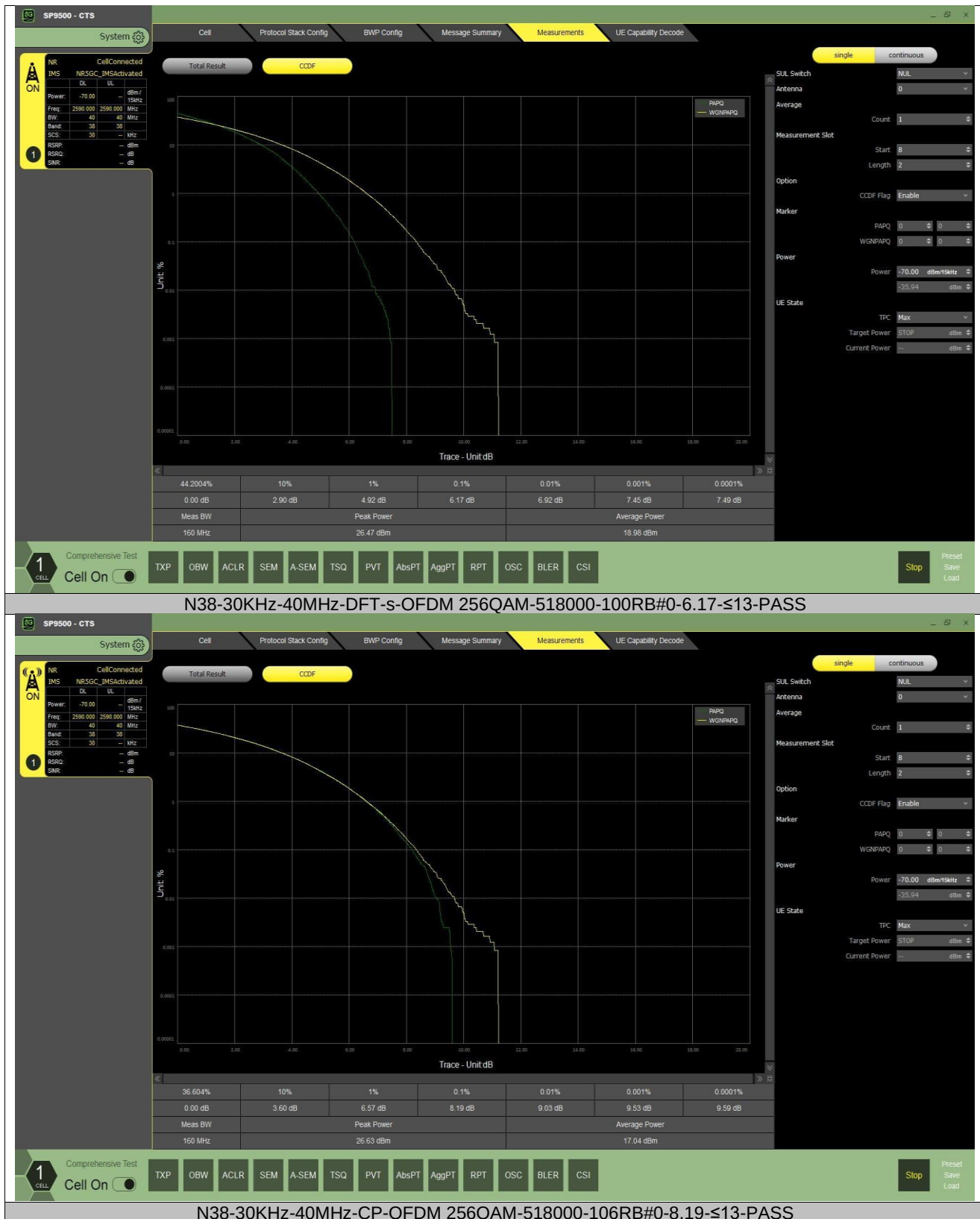


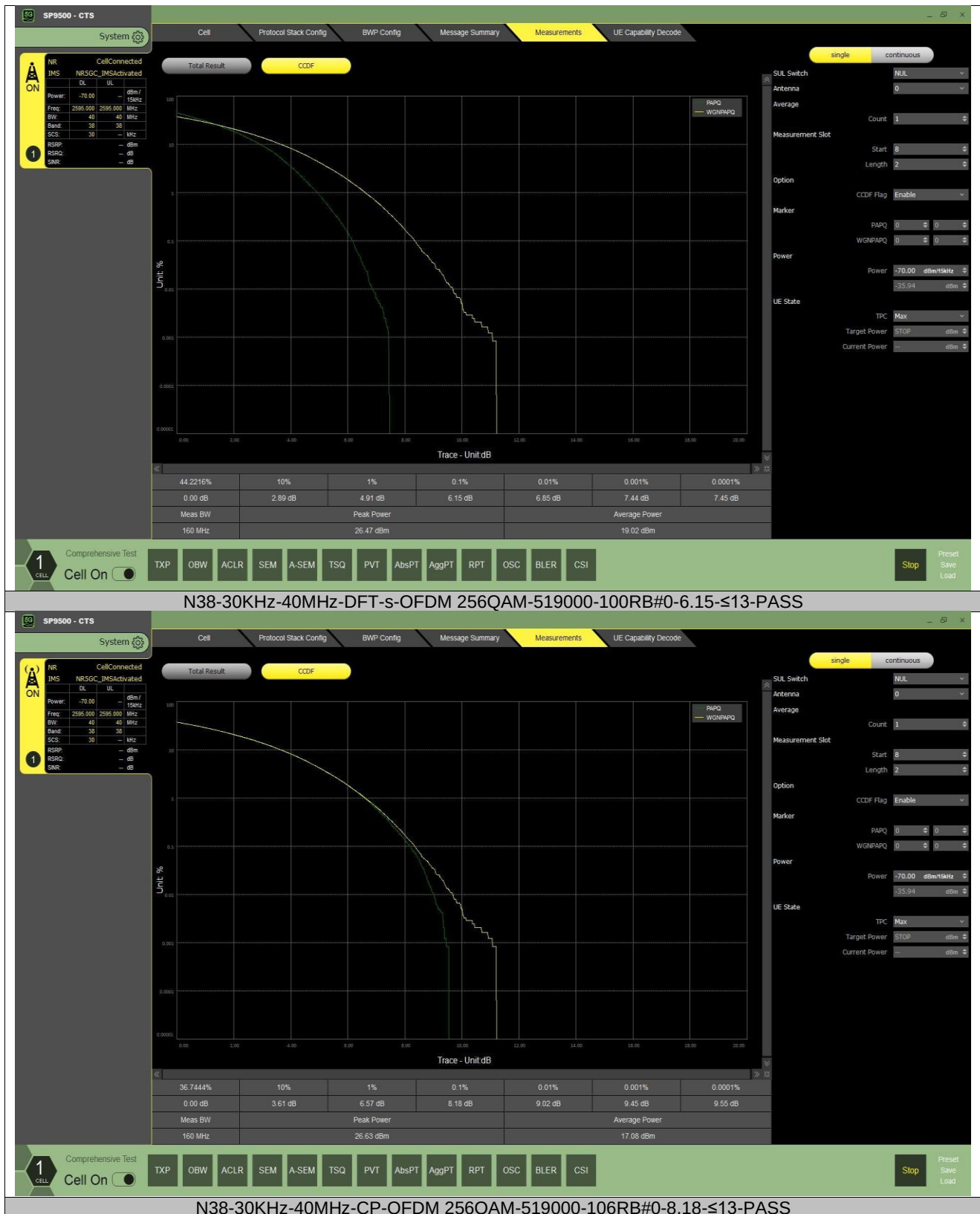


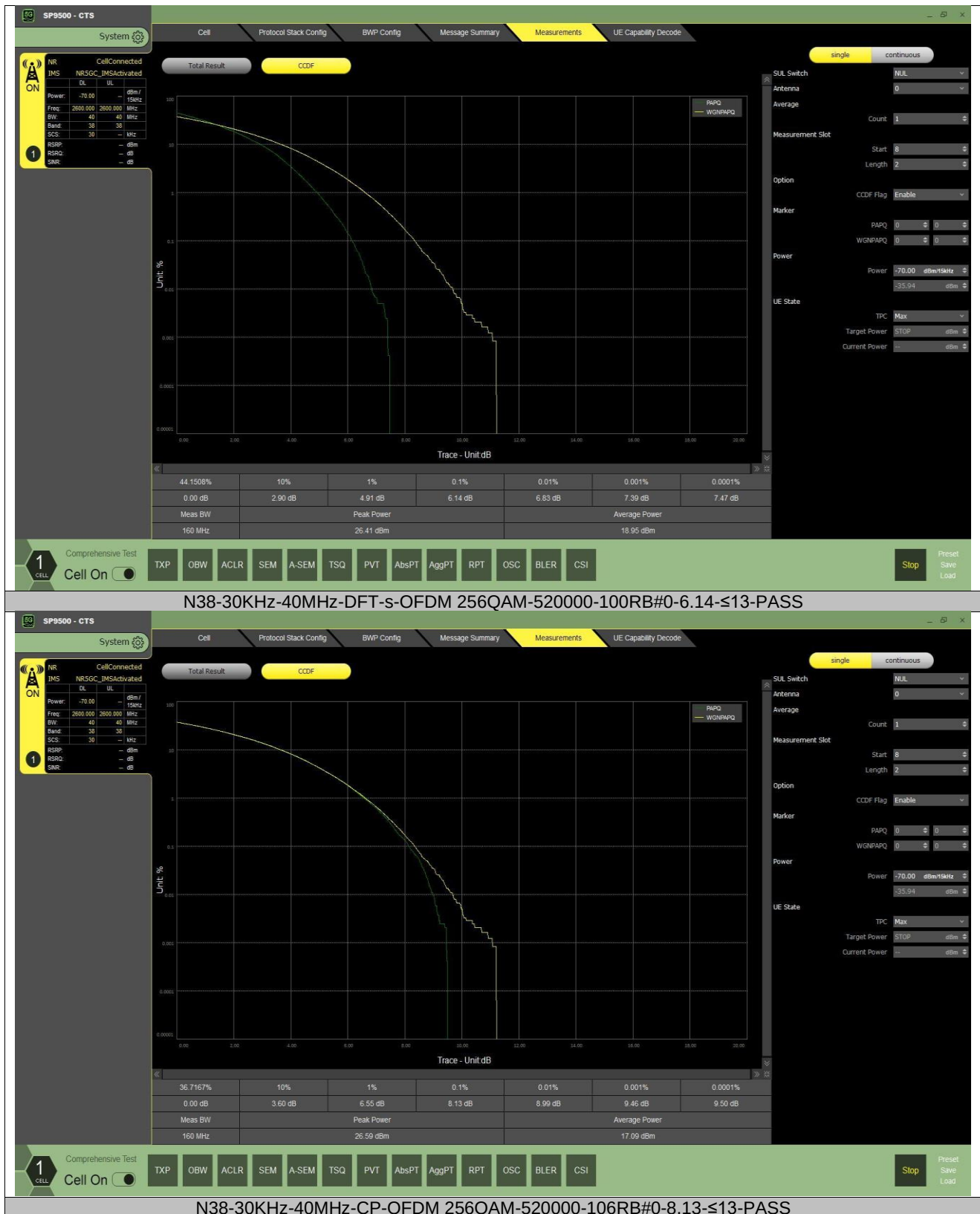












3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

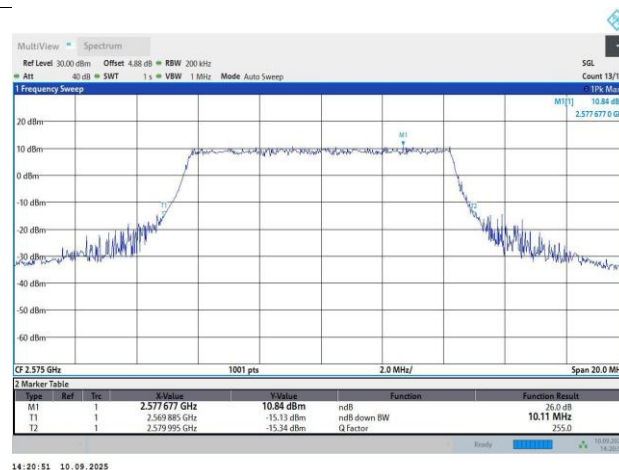
3.1 Test Result

Band	SCS	Channel bandwidth	Modulation	Channel	RB Configure	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N38	30KHz	10MHz	CP-OFDM 256QAM	515000	24RB#0	8.72	10.11	See graph
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	515000	24RB#0	8.69	10.03	See graph
N38	30KHz	10MHz	DFT-s-OFDM 256QAM	515000	24RB#0	8.78	10.39	See graph
N38	30KHz	10MHz	DFT-s-OFDM QPSK	515000	24RB#0	8.64	10.25	See graph
N38	30KHz	10MHz	CP-OFDM QPSK	515000	24RB#0	8.64	10.19	See graph
N38	30KHz	10MHz	CP-OFDM 256QAM	519000	24RB#0	8.67	10.29	See graph
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	519000	24RB#0	8.73	10.21	See graph
N38	30KHz	10MHz	DFT-s-OFDM 256QAM	519000	24RB#0	8.78	10.63	See graph
N38	30KHz	10MHz	DFT-s-OFDM QPSK	519000	24RB#0	8.64	9.99	See graph
N38	30KHz	10MHz	CP-OFDM QPSK	519000	24RB#0	8.63	9.99	See graph
N38	30KHz	10MHz	CP-OFDM 256QAM	523000	24RB#0	8.7	10.31	See graph
N38	30KHz	10MHz	DFT-s-OFDM PI/2 BPSK	523000	24RB#0	8.68	10.01	See graph
N38	30KHz	10MHz	DFT-s-OFDM 256QAM	523000	24RB#0	8.78	10.31	See graph
N38	30KHz	10MHz	DFT-s-OFDM QPSK	523000	24RB#0	8.66	10.23	See graph
N38	30KHz	10MHz	CP-OFDM QPSK	523000	24RB#0	8.66	10.07	See graph
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	515500	36RB#0	12.97	14.69	See graph
N38	30KHz	15MHz	DFT-s-OFDM 256QAM	515500	36RB#0	12.99	14.65	See graph
N38	30KHz	15MHz	DFT-s-OFDM QPSK	515500	36RB#0	12.99	14.78	See graph
N38	30KHz	15MHz	CP-OFDM 256QAM	515500	38RB#0	13.68	15.52	See graph
N38	30KHz	15MHz	CP-OFDM QPSK	515500	38RB#0	13.64	15.35	See graph
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	519000	36RB#0	13.08	14.74	See graph
N38	30KHz	15MHz	DFT-s-OFDM 256QAM	519000	36RB#0	13.02	14.98	See graph
N38	30KHz	15MHz	DFT-s-OFDM QPSK	519000	36RB#0	13.01	14.84	See graph
N38	30KHz	15MHz	CP-OFDM 256QAM	519000	38RB#0	13.71	15.49	See graph
N38	30KHz	15MHz	CP-OFDM QPSK	519000	38RB#0	13.7	15.35	See graph
N38	30KHz	15MHz	DFT-s-OFDM PI/2 BPSK	522500	36RB#0	12.95	14.65	See graph
N38	30KHz	15MHz	DFT-s-OFDM 256QAM	522500	36RB#0	13.0	14.78	See graph
N38	30KHz	15MHz	DFT-s-OFDM QPSK	522500	36RB#0	13.05	14.65	See graph
N38	30KHz	15MHz	CP-OFDM 256QAM	522500	38RB#0	13.7	15.61	See graph
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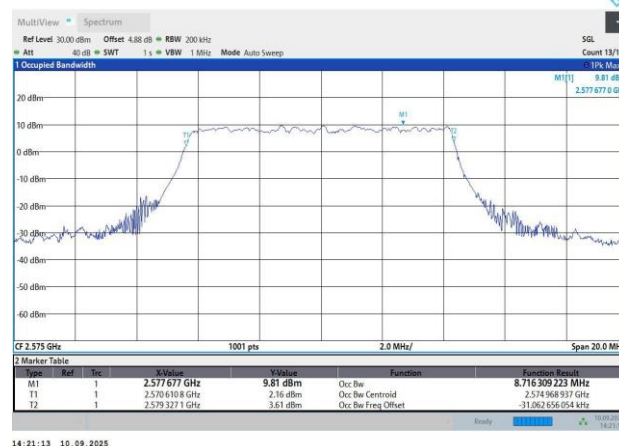
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	516000	50RB#0	18.07	19.86	See graph
N38	30KHz	20MHz	DFT-s-OFDM 256QAM	516000	50RB#0	18.05	20.06	See graph
N38	30KHz	20MHz	DFT-s-OFDM QPSK	516000	50RB#0	18.03	19.94	See graph
N38	30KHz	20MHz	CP-OFDM 256QAM	516000	51RB#0	18.36	20.42	See graph
N38	30KHz	20MHz	CP-OFDM QPSK	516000	51RB#0	18.47	20.7	See graph
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	519000	50RB#0	18.07	19.86	See graph
N38	30KHz	20MHz	DFT-s-OFDM 256QAM	519000	50RB#0	18.05	20.22	See graph
N38	30KHz	20MHz	DFT-s-OFDM QPSK	519000	50RB#0	18.04	20.02	See graph
N38	30KHz	20MHz	CP-OFDM 256QAM	519000	51RB#0	18.37	20.58	See graph
N38	30KHz	20MHz	CP-OFDM QPSK	519000	51RB#0	18.48	20.42	See graph
N38	30KHz	20MHz	DFT-s-OFDM PI/2 BPSK	522000	50RB#0	18.09	19.94	See graph
N38	30KHz	20MHz	DFT-s-OFDM 256QAM	522000	50RB#0	18.06	20.14	See graph
N38	30KHz	20MHz	DFT-s-OFDM QPSK	522000	50RB#0	18.05	20.18	See graph
N38	30KHz	20MHz	CP-OFDM 256QAM	522000	51RB#0	18.39	20.54	See graph
N38	30KHz	20MHz	CP-OFDM QPSK	522000	51RB#0	18.42	20.54	See graph
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	517000	75RB#0	26.89	29.49	See graph
N38	30KHz	30MHz	DFT-s-OFDM 256QAM	517000	75RB#0	26.9	29.07	See graph
N38	30KHz	30MHz	DFT-s-OFDM QPSK	517000	75RB#0	26.82	28.95	See graph
N38	30KHz	30MHz	CP-OFDM 256QAM	517000	78RB#0	27.92	29.97	See graph
N38	30KHz	30MHz	CP-OFDM QPSK	517000	78RB#0	27.93	30.21	See graph
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	519000	75RB#0	26.94	29.07	See graph
N38	30KHz	30MHz	DFT-s-OFDM 256QAM	519000	75RB#0	26.9	29.37	See graph
N38	30KHz	30MHz	DFT-s-OFDM QPSK	519000	75RB#0	26.84	29.31	See graph
N38	30KHz	30MHz	CP-OFDM 256QAM	519000	78RB#0	27.94	30.15	See graph
N38	30KHz	30MHz	CP-OFDM QPSK	519000	78RB#0	27.99	30.81	See graph
N38	30KHz	30MHz	DFT-s-OFDM PI/2 BPSK	521000	75RB#0	26.9	29.13	See graph
N38	30KHz	30MHz	DFT-s-OFDM 256QAM	521000	75RB#0	26.9	29.55	See graph
N38	30KHz	30MHz	DFT-s-OFDM QPSK	521000	75RB#0	26.91	29.31	See graph
N38	30KHz	30MHz	CP-OFDM 256QAM	521000	78RB#0	27.96	30.15	See graph
N38	30KHz	30MHz	CP-OFDM QPSK	521000	78RB#0	28.03	30.51	See graph
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	518000	100RB#0	35.97	38.92	See graph
N38	30KHz	40MHz	DFT-s-OFDM 256QAM	518000	100RB#0	35.93	39.32	See graph
N38	30KHz	40MHz	DFT-s-OFDM QPSK	518000	100RB#0	36.02	39.56	See graph
N38	30KHz	40MHz	CP-OFDM 256QAM	518000	106RB#0	38.13	41.4	See graph

N38	30KHz	40MHz	CP-OFDM QPSK	518000	106RB#0	38.08	41.64	See graph
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	519000	100RB#0	35.94	38.92	See graph
N38	30KHz	40MHz	DFT-s-OFDM 256QAM	519000	100RB#0	35.93	39	See graph
N38	30KHz	40MHz	DFT-s-OFDM QPSK	519000	100RB#0	36.03	39.64	See graph
N38	30KHz	40MHz	CP-OFDM 256QAM	519000	106RB#0	38.13	41.08	See graph
N38	30KHz	40MHz	CP-OFDM QPSK	519000	106RB#0	38.05	41.4	See graph
N38	30KHz	40MHz	DFT-s-OFDM PI/2 BPSK	520000	100RB#0	35.99	38.84	See graph
N38	30KHz	40MHz	DFT-s-OFDM 256QAM	520000	100RB#0	35.92	39.08	See graph
N38	30KHz	40MHz	DFT-s-OFDM QPSK	520000	100RB#0	36.01	39.16	See graph
N38	30KHz	40MHz	CP-OFDM 256QAM	520000	106RB#0	38.16	41.32	See graph
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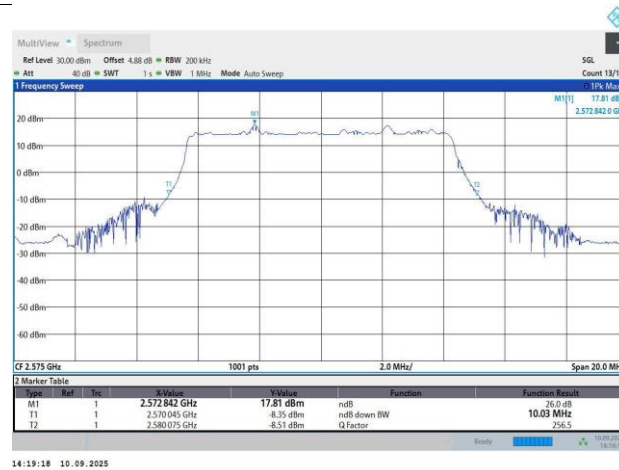
3.2 Test Plots



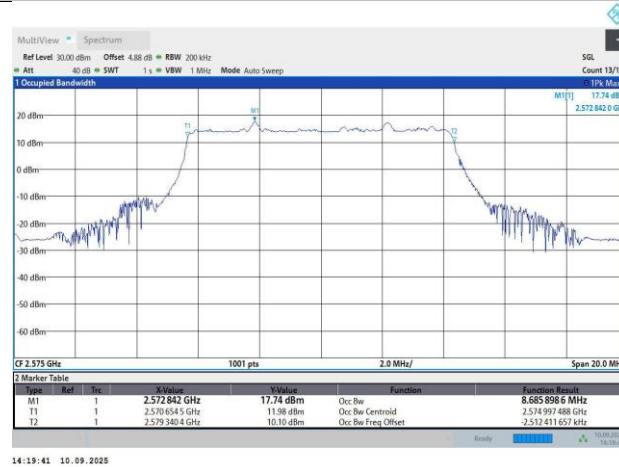
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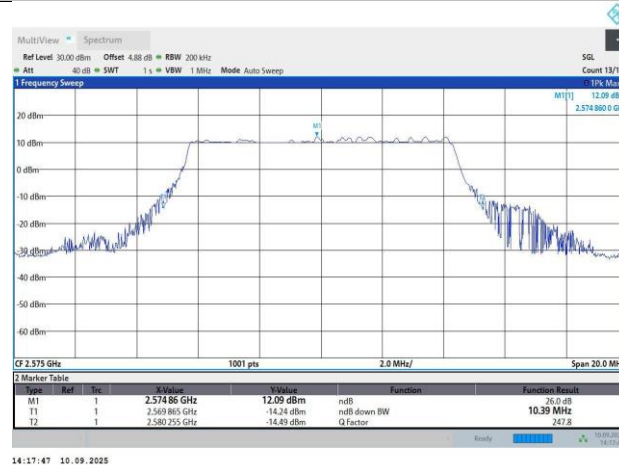
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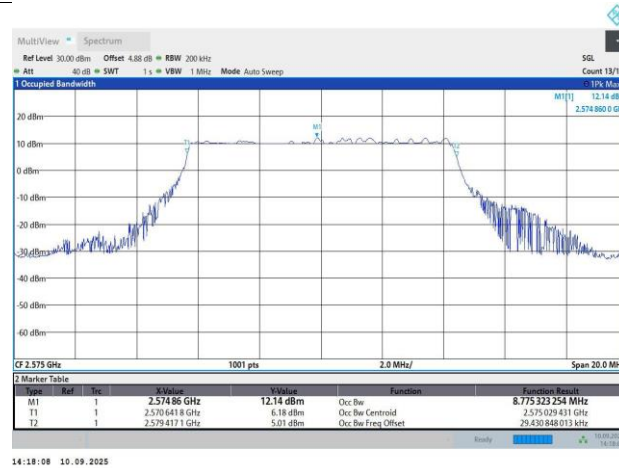
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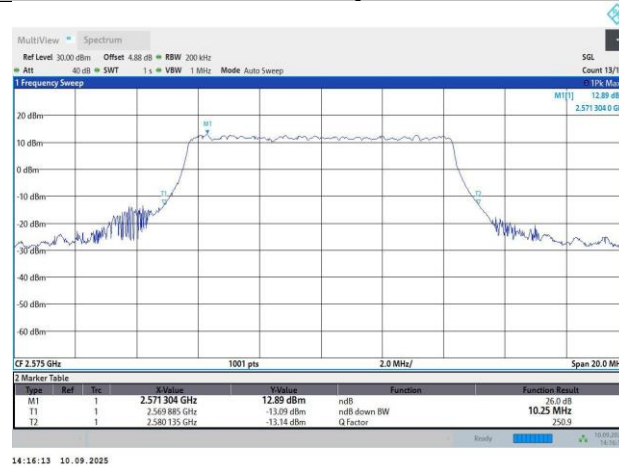
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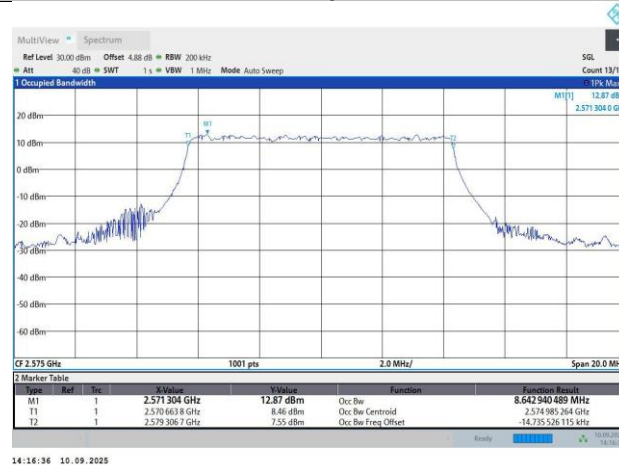
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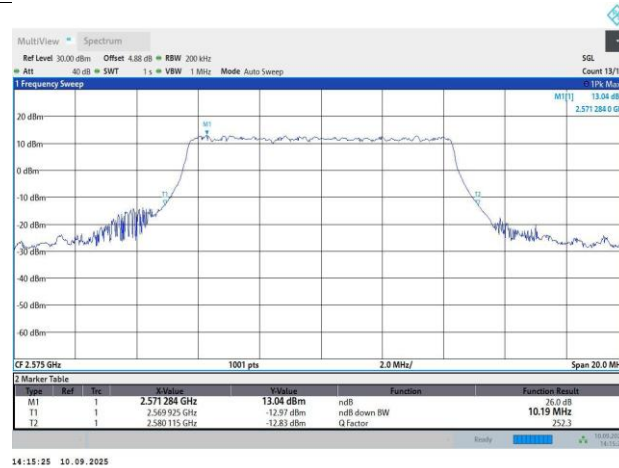
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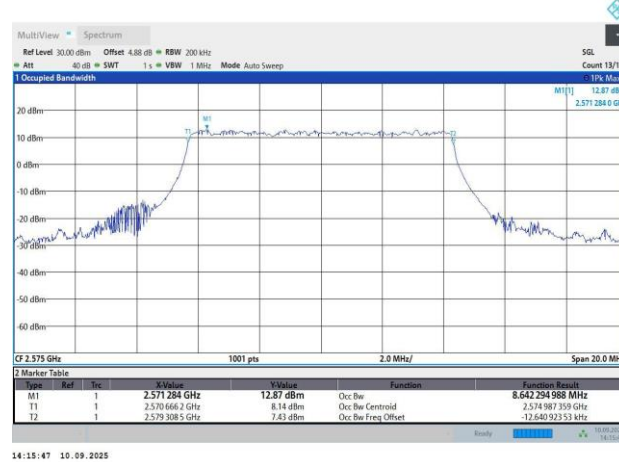
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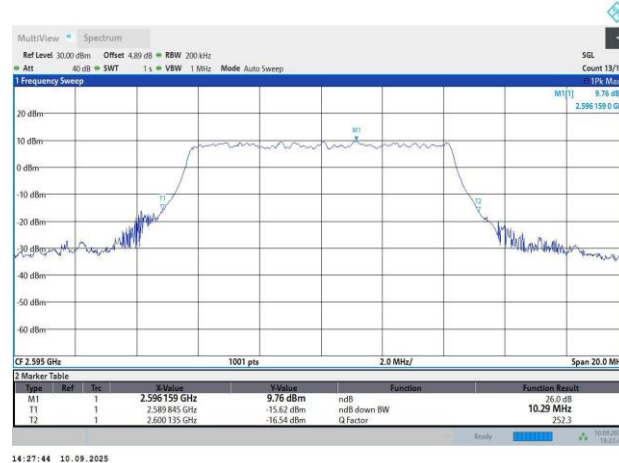
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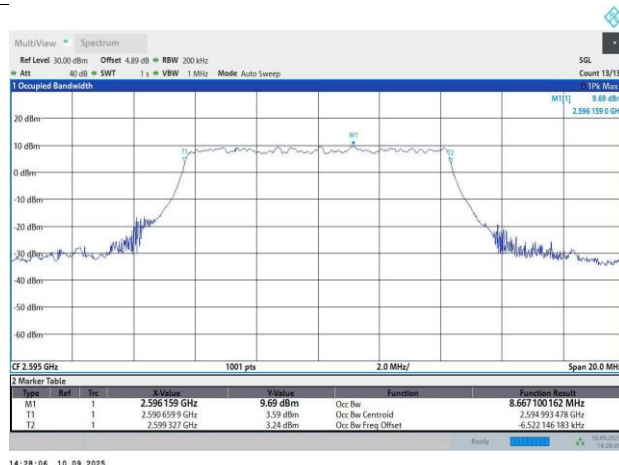
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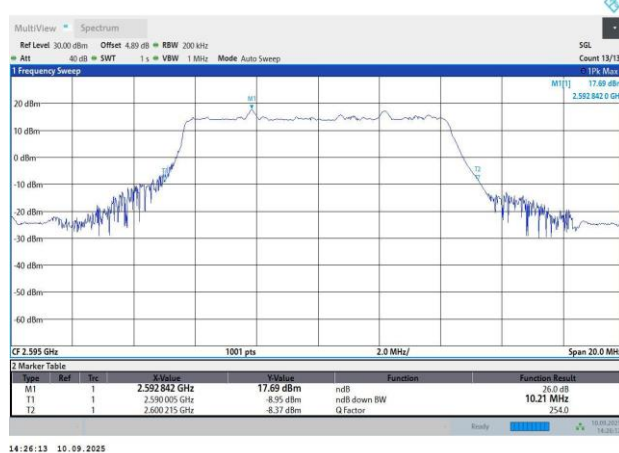
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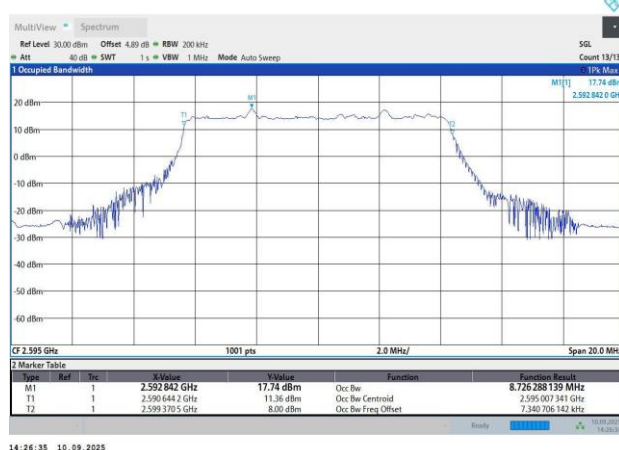
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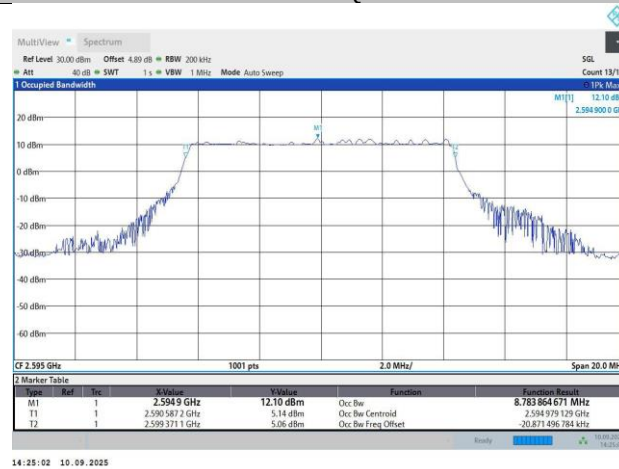
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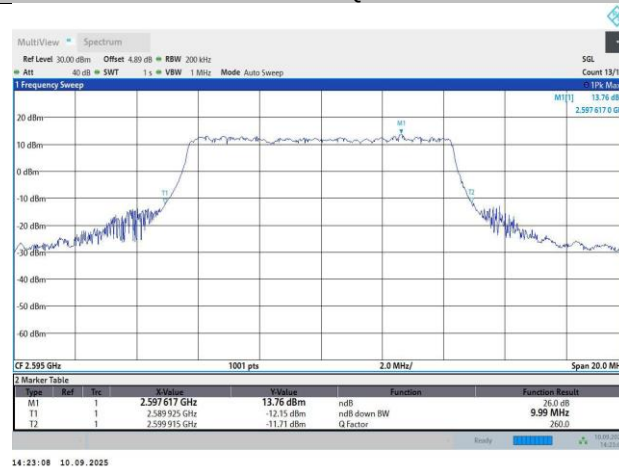
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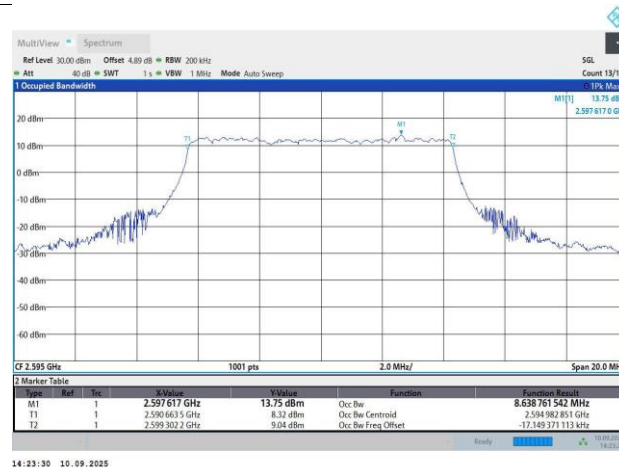
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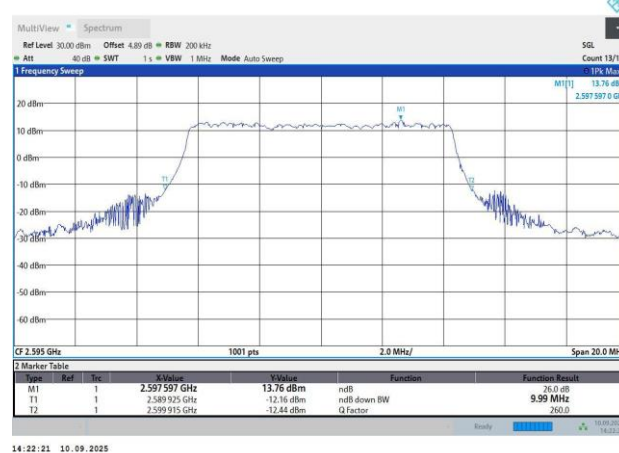
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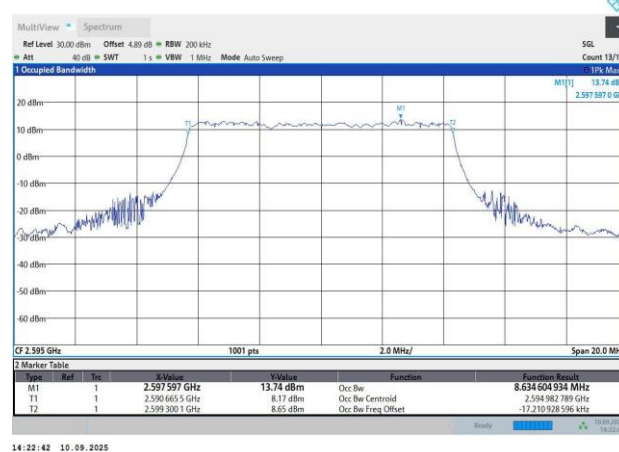
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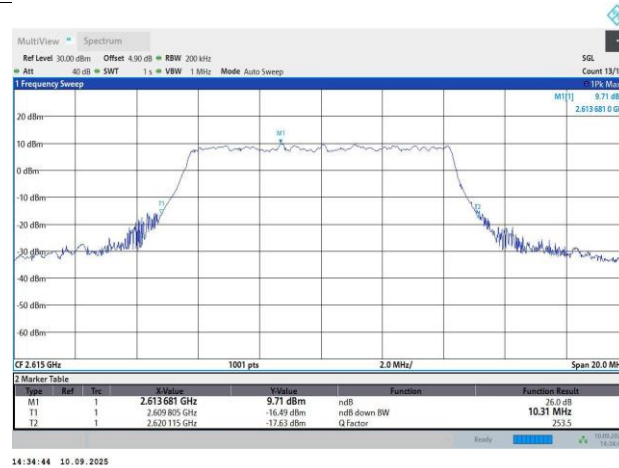
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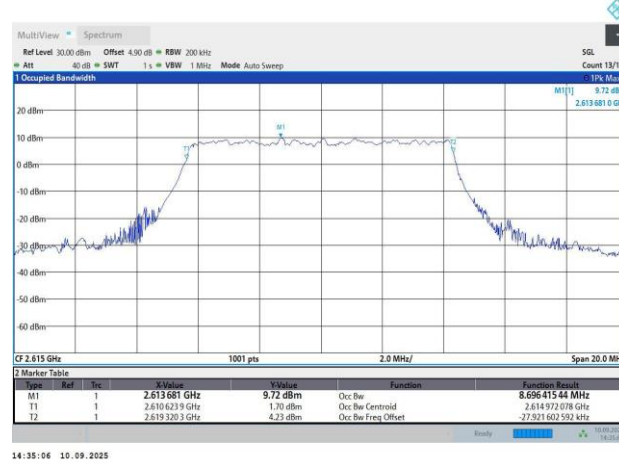
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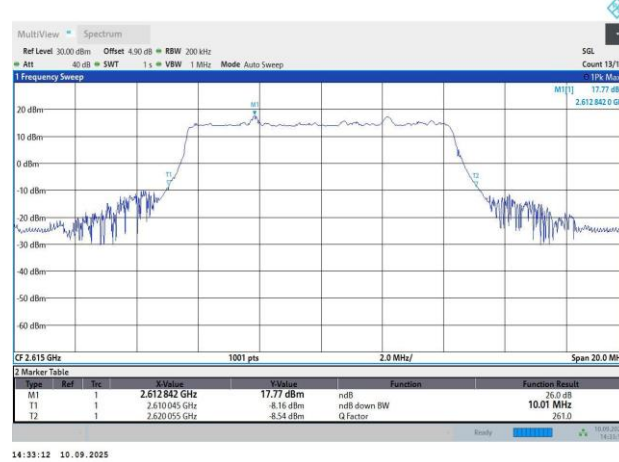
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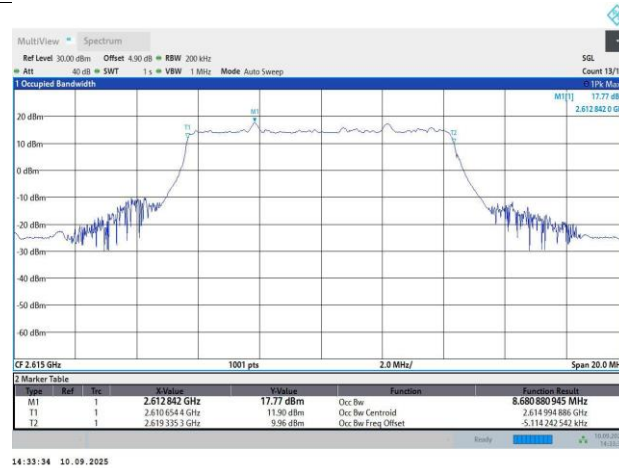
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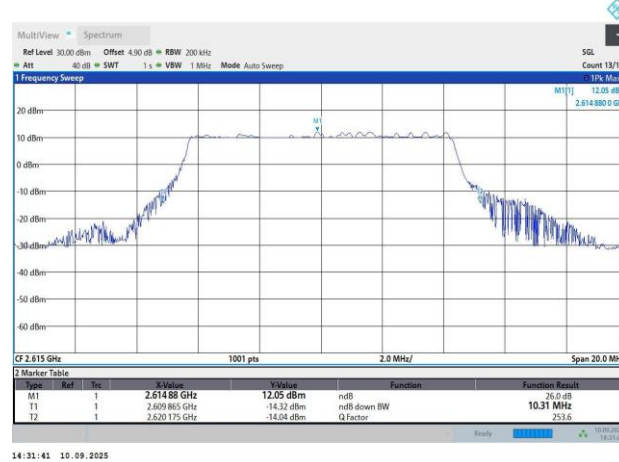
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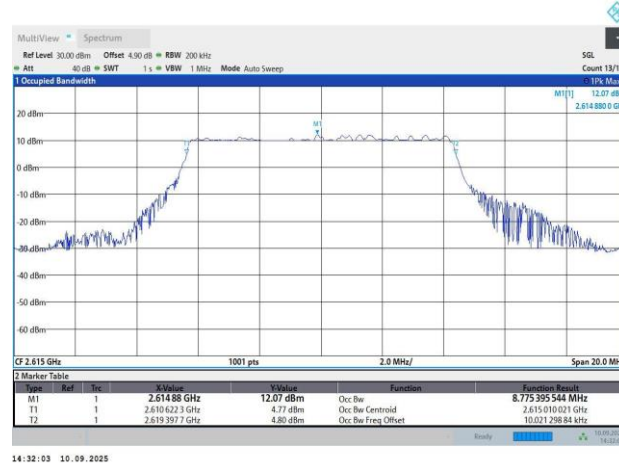
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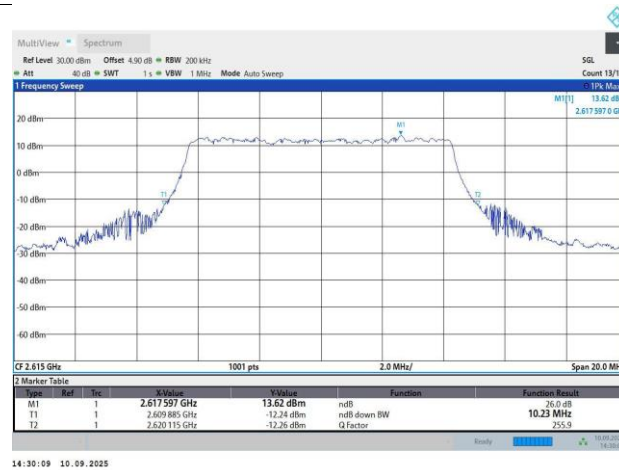
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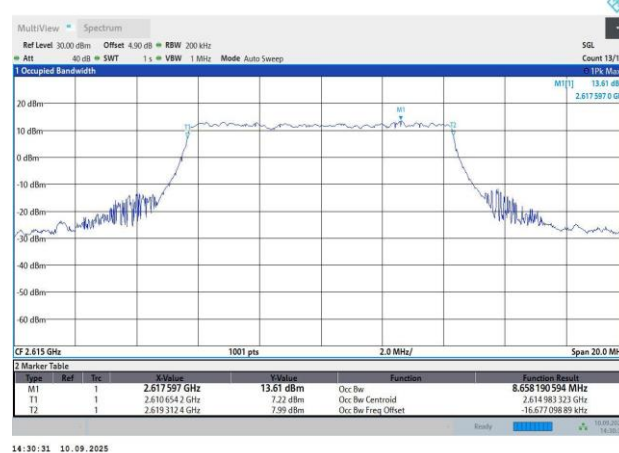
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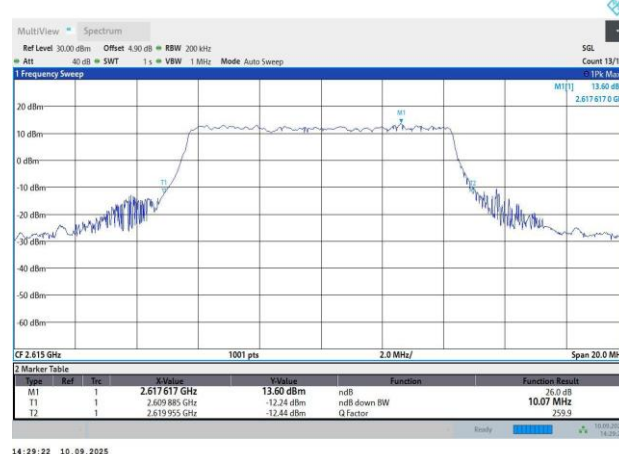
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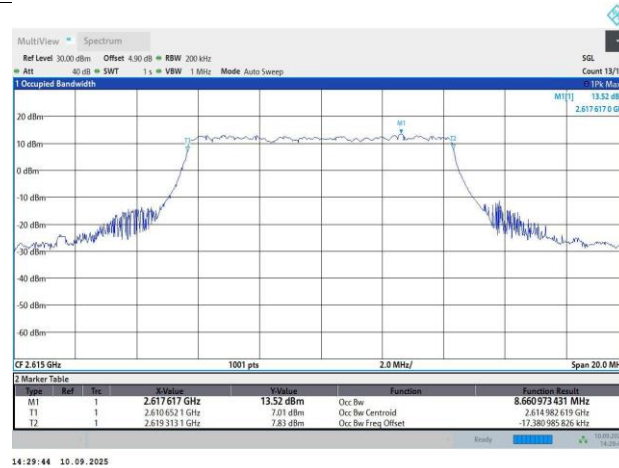
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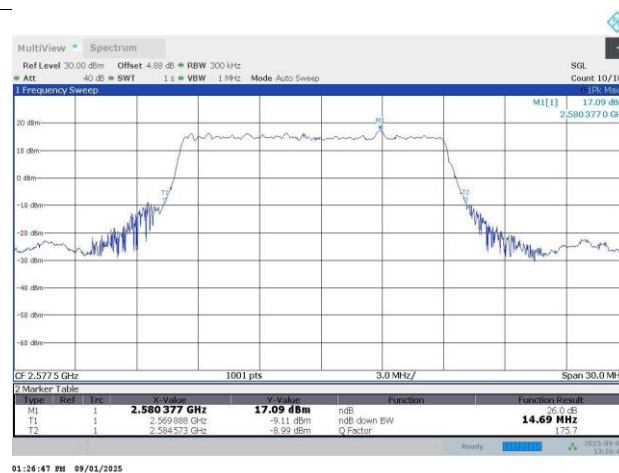
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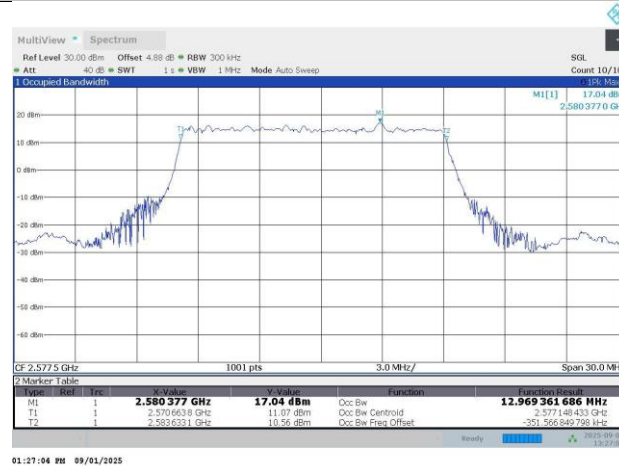
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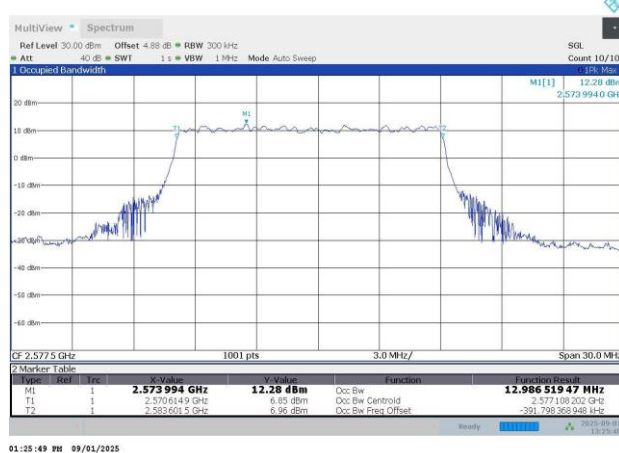
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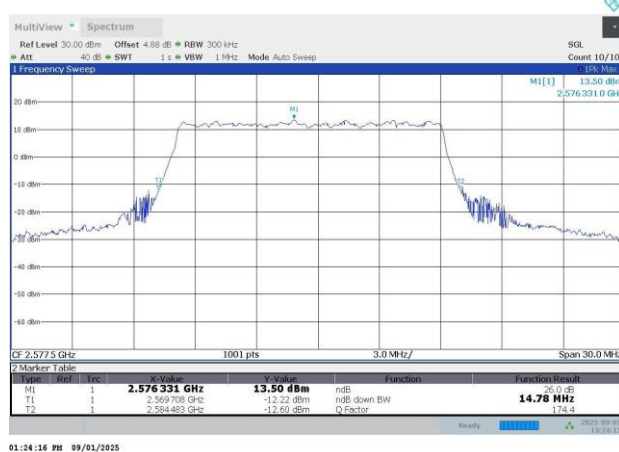
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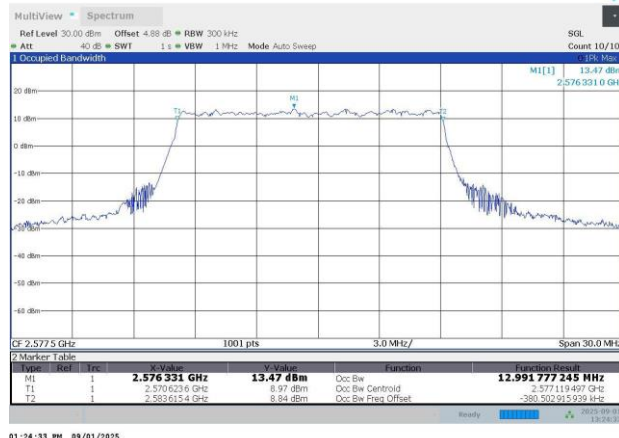
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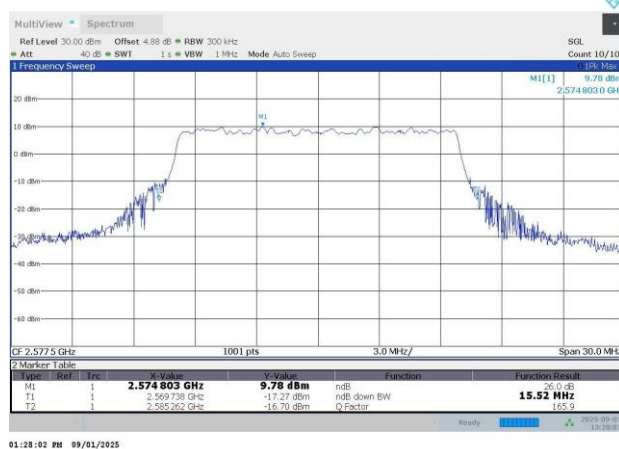
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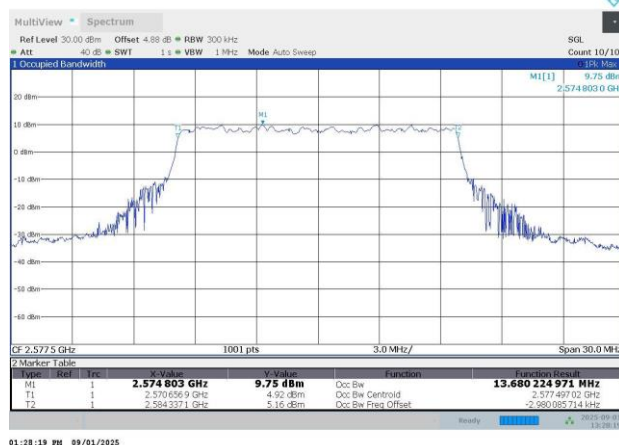
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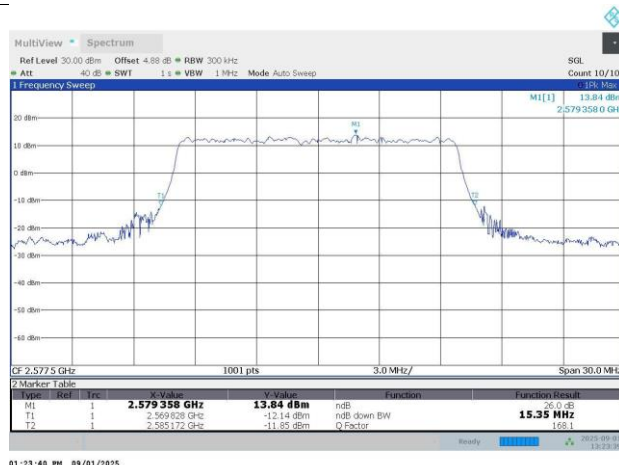
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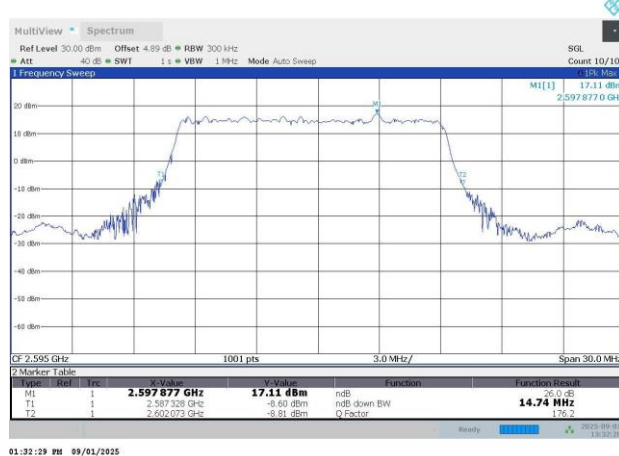
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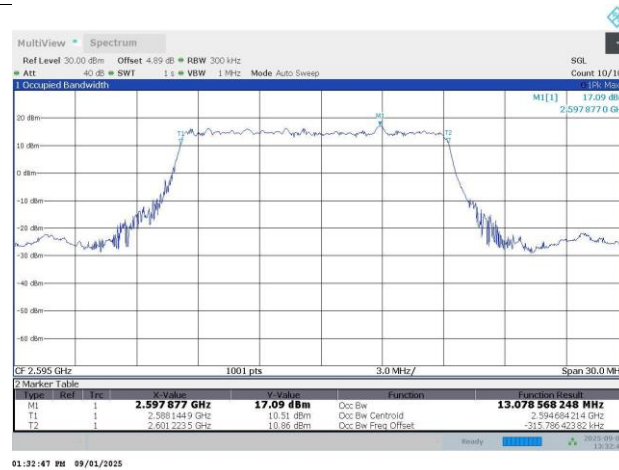
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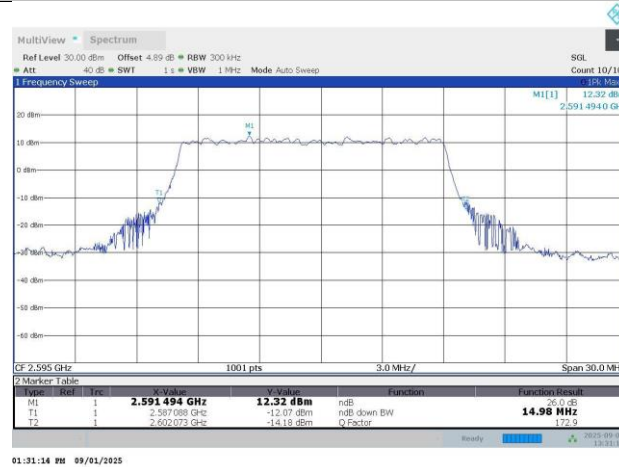
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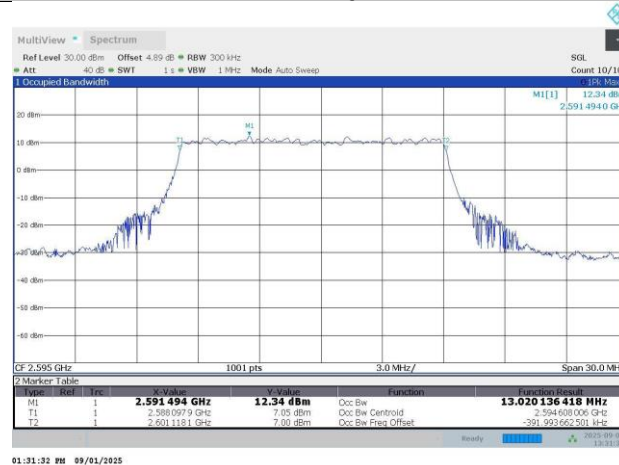
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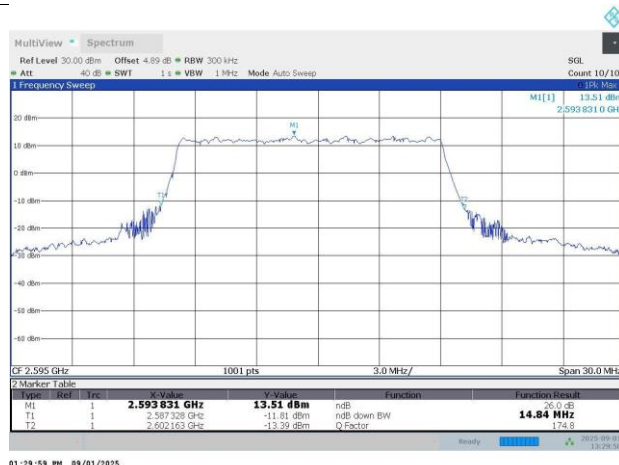
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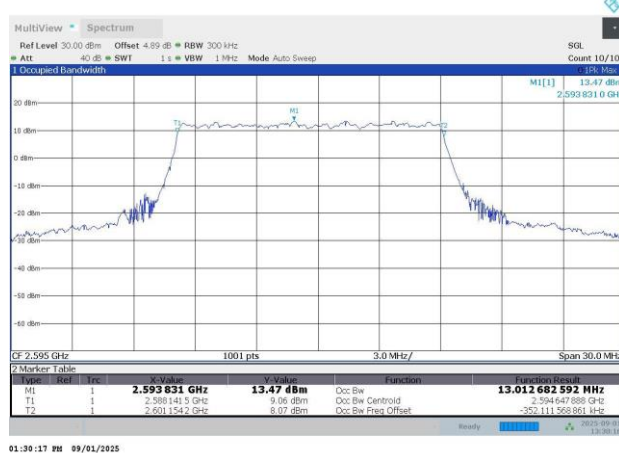
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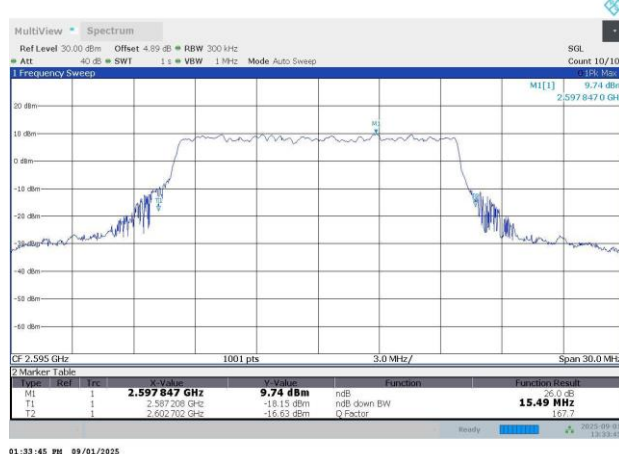
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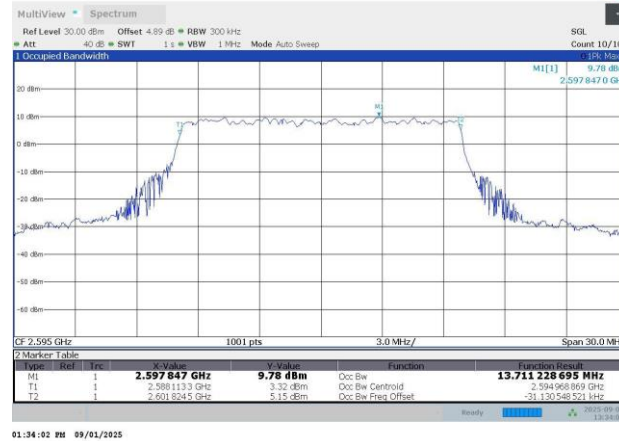
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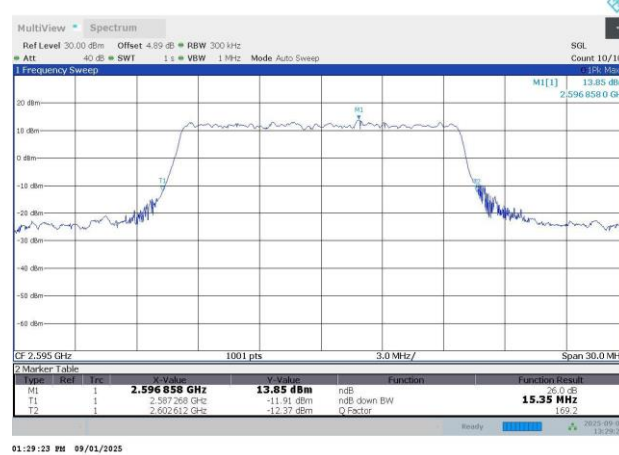
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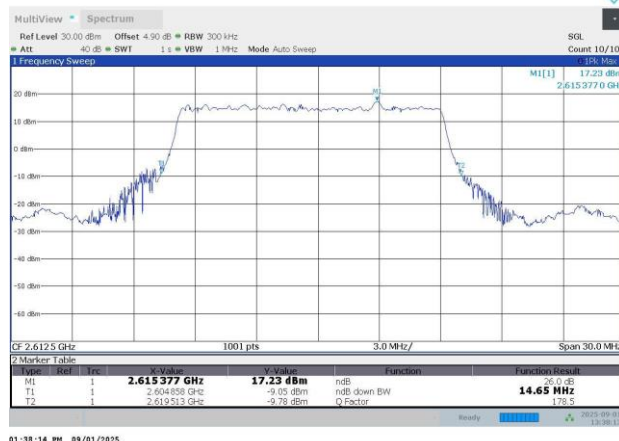
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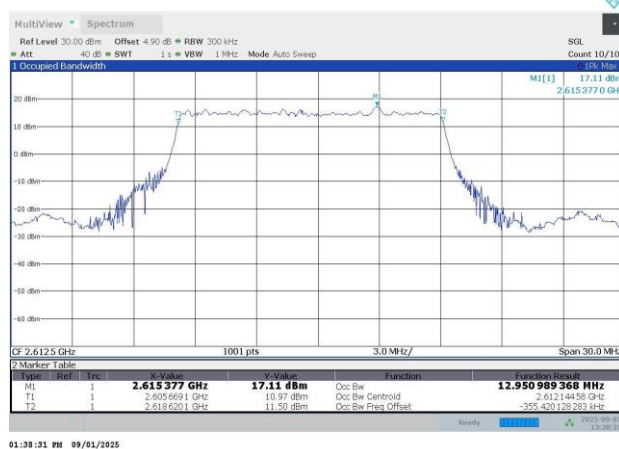
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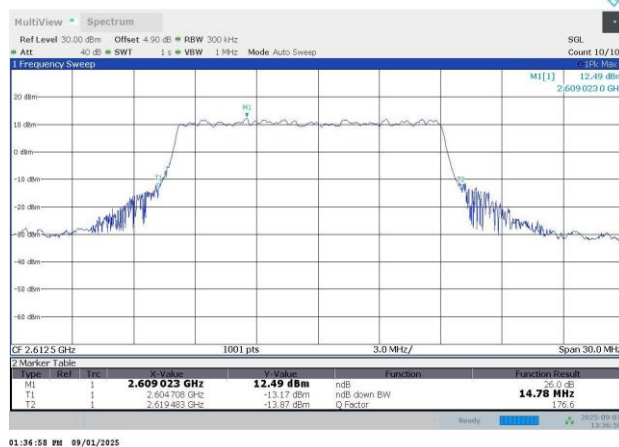
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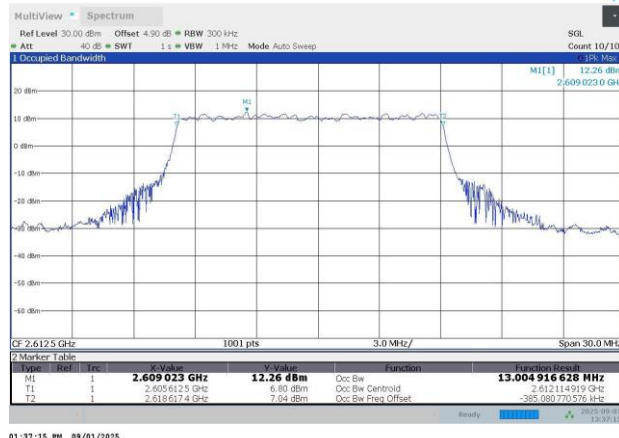
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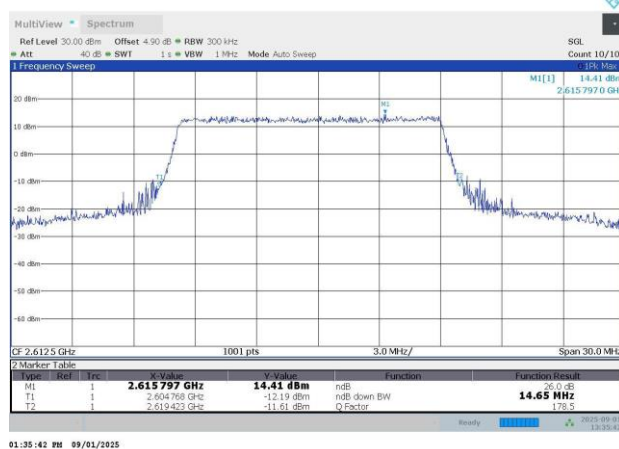
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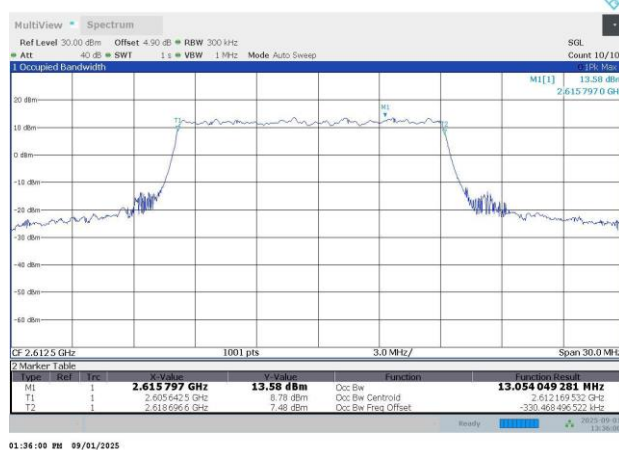
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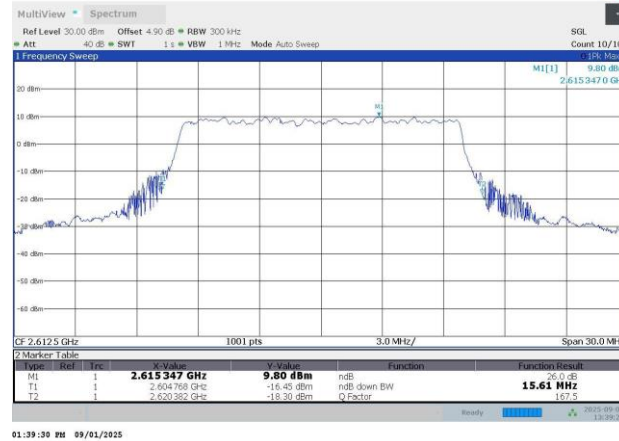
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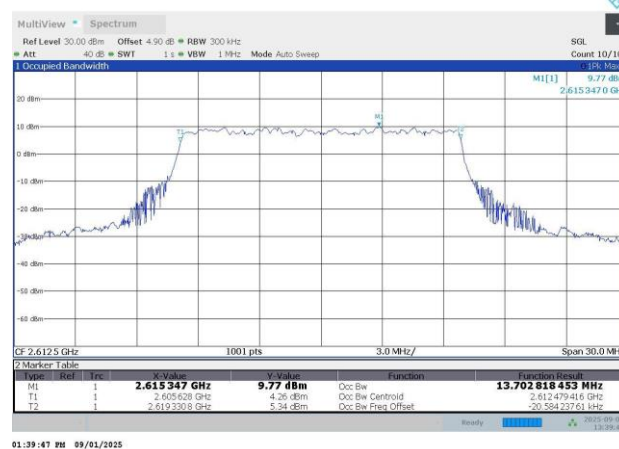
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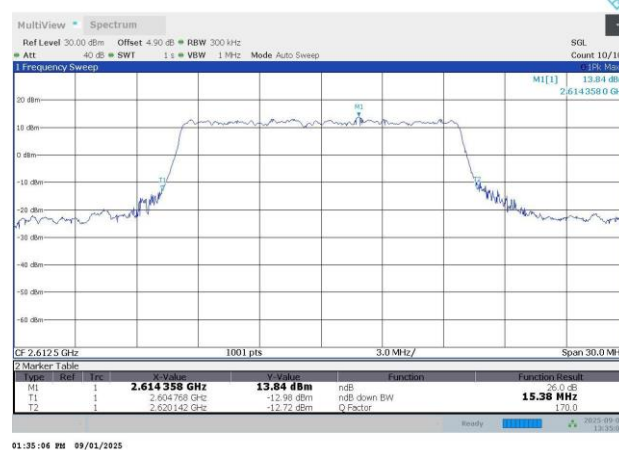
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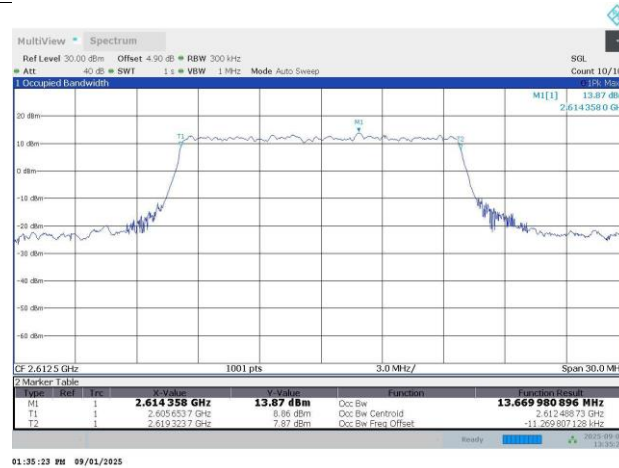
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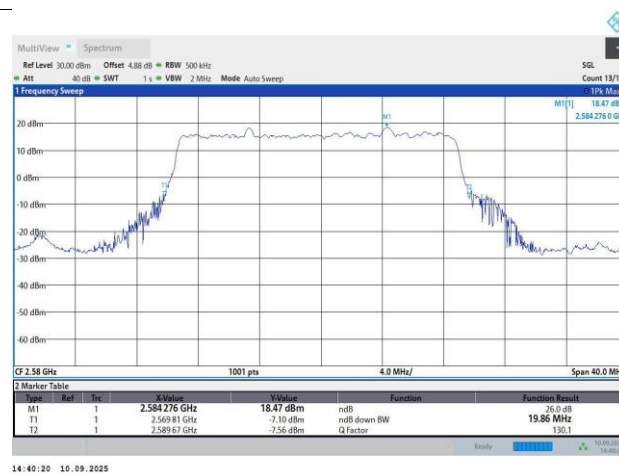
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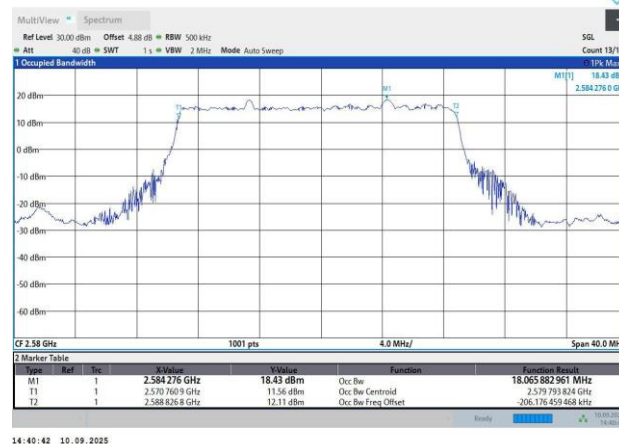
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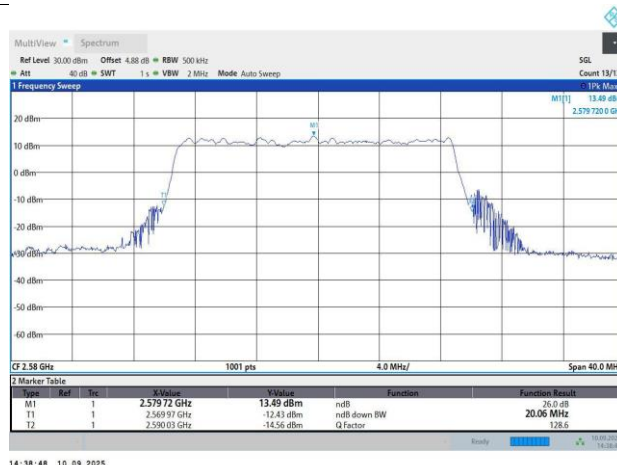
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N38-30KHz-20MHz-DFT-s-OFDM PI/2 BPSK-516000-50RB#0-18.07-19.86



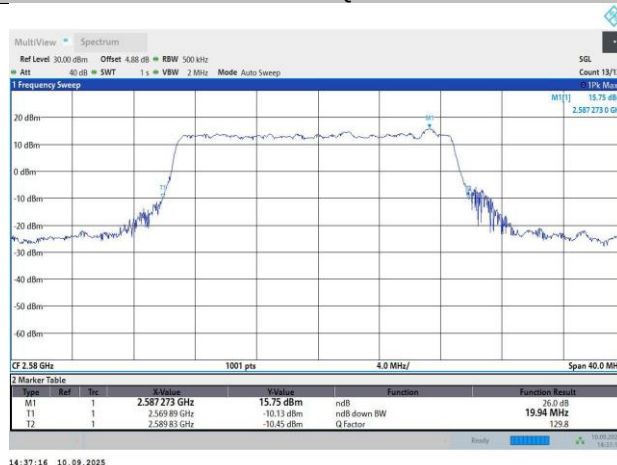
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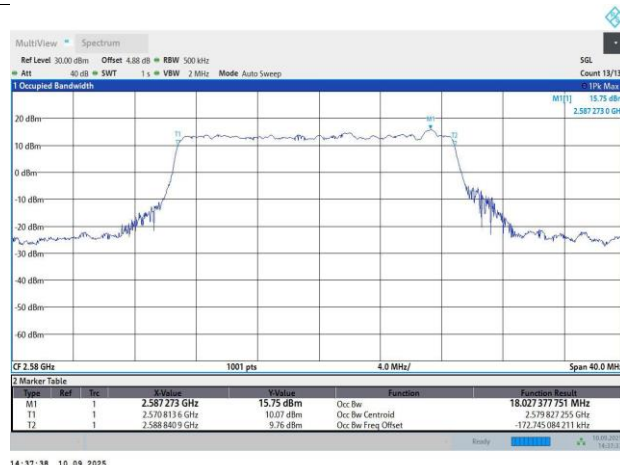
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N38-30KHz-20MHz-DFT-s-OFDM 256QAM-516000-50RB#0-18.05-20.06



N38-30KHz-20MHz-DFT-s-OFDM QPSK-516000-50RB#0-18.03-19.94



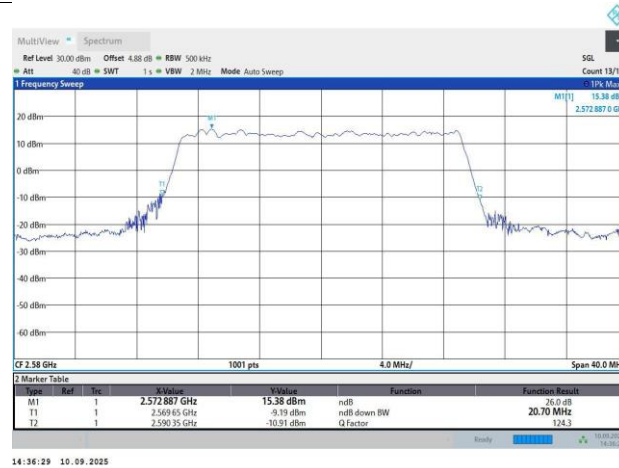
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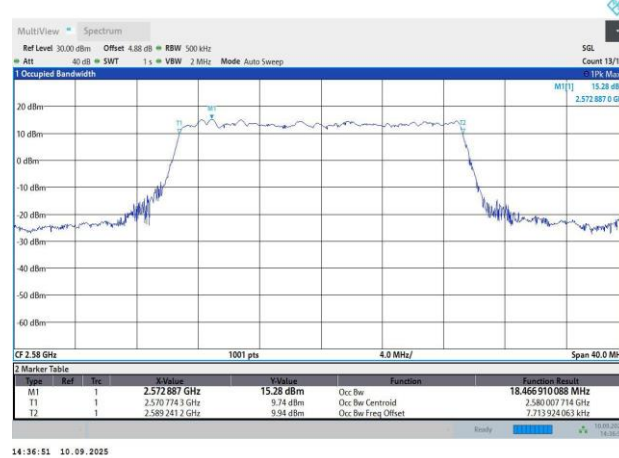
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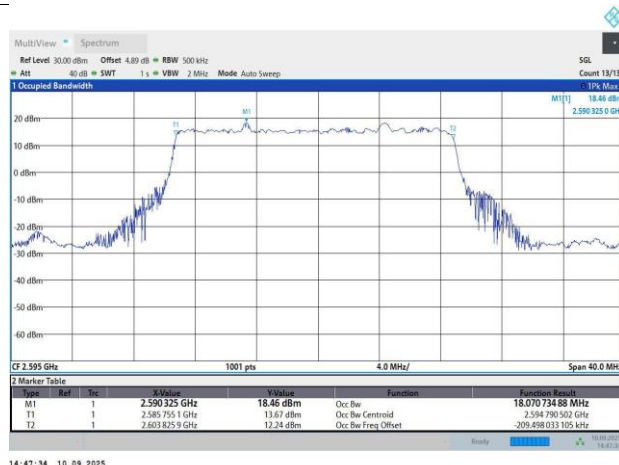
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N38-30KHz-20MHz-CP-OFDM QPSK-516000-51RB#0-18.47-20.7



N38-30KHz-20MHz-DFT-s-OFDM PI/2 BPSK-519000-50RB#0-18.07-19.86



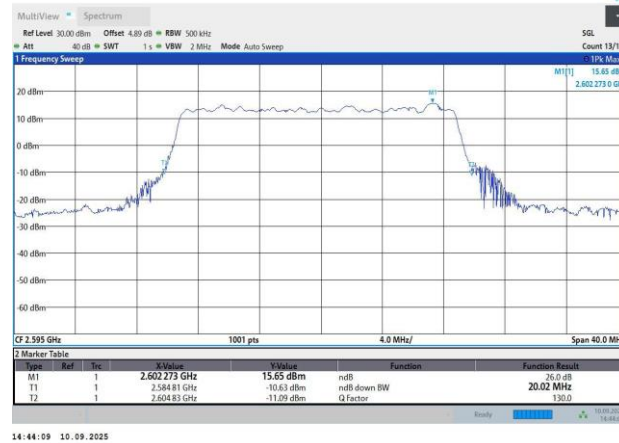
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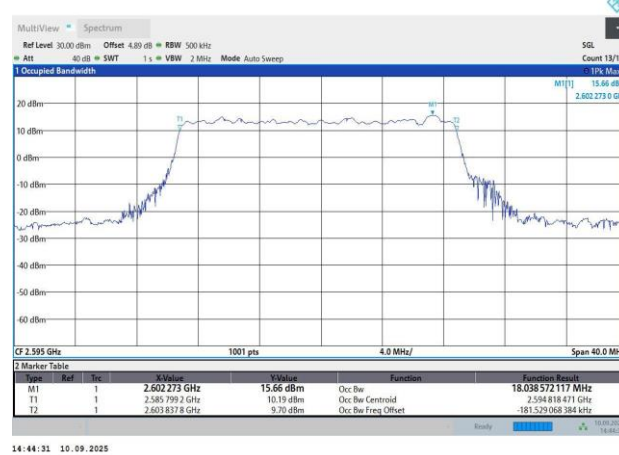
N38-30KHz-20MHz-DFT-s-OFDM 256QAM-519000-50RB#0-18.05-20.22



N38-30KHz-20MHz-DFT-s-OFDM 256QAM-519000-50RB#0-18.05-20.22



N38-30KHz-20MHz-DFT-s-OFDM QPSK-519000-50RB#0-18.04-20.02



N38-30KHz-20MHz-DFT-s-OFDM QPSK-519000-50RB#0-18.04-20.02



N38-30KHz-20MHz-CP-OFDM 256QAM-519000-51RB#0-18.37-20.58