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Appendix B.33

NR Band n14



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	LimitdBm)	Verdict
N14	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.11	24.38	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.24	24.51	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Outer_Full	23.74	24.01	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_1RB_Left	23.93	24.2	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_1RB_Right	24.07	24.34	34.77	PASS
N14	15	5	DFT-QPSK	L	Outer_Full	23.22	23.49	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_1RB_Left	23.01	23.28	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_1RB_Right	23.13	23.4	34.77	PASS
N14	15	5	DFT-16QAM	L	Outer_Full	22.26	22.53	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_1RB_Left	21.84	22.11	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_1RB_Right	21.84	22.11	34.77	PASS
N14	15	5	DFT-64QAM	L	Outer_Full	21.75	22.02	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_1RB_Left	19.12	19.39	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_1RB_Right	19.18	19.45	34.77	PASS
N14	15	5	DFT-256QAM	L	Outer_Full	19.65	19.92	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.23	24.5	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.17	24.44	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	23.66	23.93	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_1RB_Left	24.14	24.41	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_1RB_Right	24.05	24.32	34.77	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	23.13	23.4	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_1RB_Left	23.18	23.45	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_1RB_Right	23.08	23.35	34.77	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	22.27	22.54	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_1RB_Left	21.99	22.26	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_1RB_Right	21.88	22.15	34.77	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	21.72	21.99	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_1RB_Left	19.2	19.47	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_1RB_Right	19.17	19.44	34.77	PASS
N14	15	5	DFT-256QAM	M	Outer_Full	19.6	19.87	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.18	24.45	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.27	24.54	34.77	PASS



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N14	15	5	DFT-PI2BPSK	H	Outer_Full	23.67	23.94	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_1RB_Left	24.16	24.43	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_1RB_Right	24.11	24.38	34.77	PASS
N14	15	5	DFT-QPSK	H	Outer_Full	23.21	23.48	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_1RB_Left	23.21	23.48	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_1RB_Right	23.18	23.45	34.77	PASS
N14	15	5	DFT-16QAM	H	Outer_Full	22.27	22.54	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_1RB_Left	21.85	22.12	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_1RB_Right	21.98	22.25	34.77	PASS
N14	15	5	DFT-64QAM	H	Outer_Full	21.64	21.91	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_1RB_Left	19.2	19.47	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_1RB_Right	19.22	19.49	34.77	PASS
N14	15	5	DFT-256QAM	H	Outer_Full	19.56	19.83	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.13	24.4	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.27	24.54	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Outer_Full	23.73	24	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_1RB_Left	24.02	24.29	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_1RB_Right	24.15	24.42	34.77	PASS
N14	15	10	DFT-QPSK	L	Outer_Full	23.18	23.45	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_1RB_Left	23.01	23.28	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_1RB_Right	23.2	23.47	34.77	PASS
N14	15	10	DFT-16QAM	L	Outer_Full	22.18	22.45	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_1RB_Left	21.83	22.1	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_1RB_Right	21.95	22.22	34.77	PASS
N14	15	10	DFT-64QAM	L	Outer_Full	21.74	22.01	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_1RB_Left	19.56	19.83	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_1RB_Right	19.44	19.71	34.77	PASS
N14	15	10	DFT-256QAM	L	Outer_Full	19.63	19.9	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.23	24.5	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.24	24.51	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	23.64	23.91	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_1RB_Left	24.12	24.39	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_1RB_Right	24.32	24.59	34.77	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	23.22	23.49	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_1RB_Left	23.16	23.43	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_1RB_Right	23.22	23.49	34.77	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	22.28	22.55	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_1RB_Left	21.76	22.03	34.77	PASS



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N14	15	10	DFT-64QAM	M	Inner_1RB_Right	21.86	22.13	34.77	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	21.64	21.91	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_1RB_Left	19.55	19.82	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_1RB_Right	19.53	19.8	34.77	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	19.34	19.61	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.22	24.49	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.36	24.63	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Outer_Full	23.23	23.5	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_1RB_Left	24.22	24.49	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_1RB_Right	24.41	24.68	34.77	PASS
N14	15	10	DFT-QPSK	H	Outer_Full	23.32	23.59	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_1RB_Left	23.26	23.53	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_1RB_Right	23.22	23.49	34.77	PASS
N14	15	10	DFT-16QAM	H	Outer_Full	22.41	22.68	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_1RB_Left	21.79	22.06	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_1RB_Right	21.64	21.91	34.77	PASS
N14	15	10	DFT-64QAM	H	Outer_Full	21.55	21.82	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_1RB_Left	19.36	19.63	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_1RB_Right	19.42	19.69	34.77	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	19.55	19.82	34.77	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth h	Modulation	Cha nnel	RB Config	DutyCy cle	Facto r	Resul t	Limit	Verdict
N14	15	10	DFT-256QAM	L	Outer_Full	100%	0.00	8.90	≤13	PASS
N14	15	10	CP-256QAM	L	Outer_Full	100%	0.00	9.40	≤13	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	100%	0.00	8.79	≤13	PASS
N14	15	10	CP-256QAM	M	Outer_Full	100%	0.00	9.39	≤13	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	100%	0.00	8.81	≤13	PASS
N14	15	10	CP-256QAM	H	Outer_Full	100%	0.00	9.40	≤13	PASS



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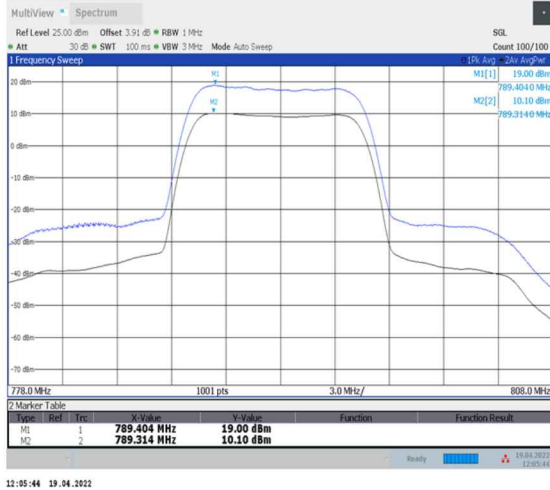
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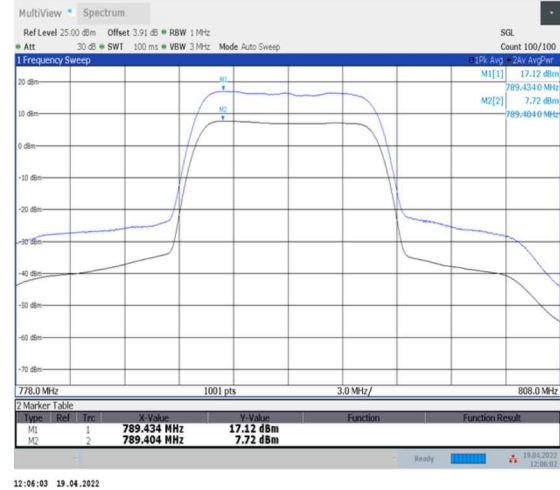
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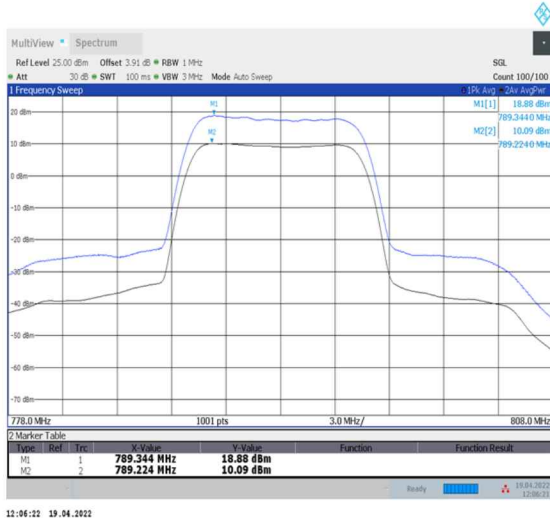
Test Graphs



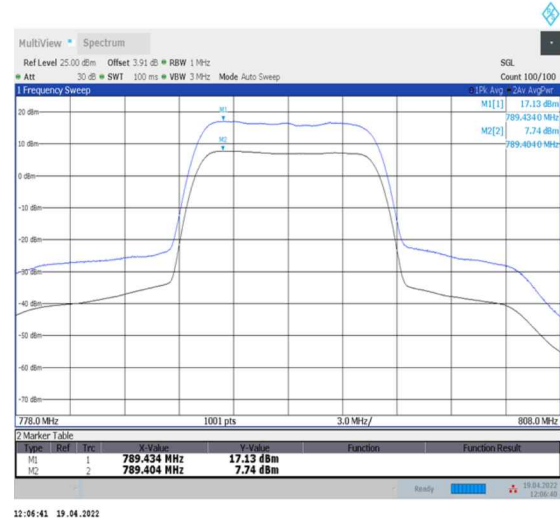
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1-N14--15-10-L-2-CP-256QAM-Outer_Full-52@0-Ant0-9.40-100%-0.00-9.40-PASS-≤13



1-N14--15-10-M-1-DFT-256QAM-Outer_Full-50@0-Ant0-8.79-100%-0.00-8.79-PASS-≤13



1-N14--15-10-M-2-CP-256QAM-Outer_Full-52@0-Ant0-9.39-100%-0.00-9.39-PASS-≤13



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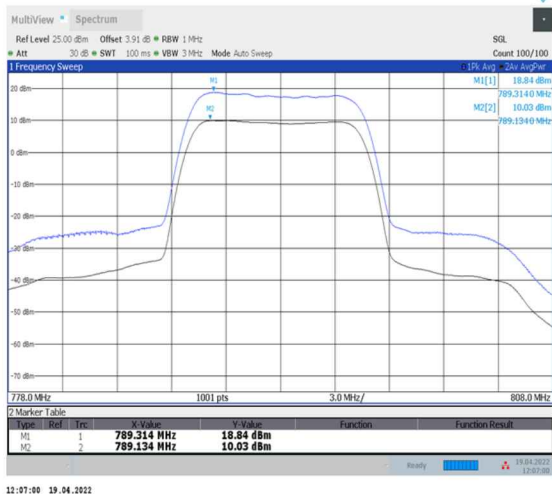
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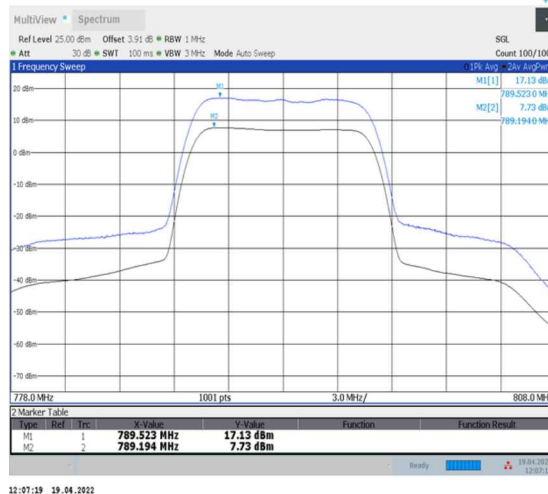
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1-N14--15-10-H-1-DFT-256QAM-Outer_Full-50@0-
Ant0-8.81-100%-0.00-8.81-PASS-≤13



1-N14--15-10-H-2-CP-256QAM-Outer_Full-52@0-
Ant0-9.40-100%-0.00-9.40-PASS-≤13



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N14	15	5	DFT-QPSK	L	Outer_Full	4.486	4.990	PASS
N14	15	5	DFT-PI2BPSK	L	Outer_Full	4.474	5.100	PASS
N14	15	5	DFT-16QAM	L	Outer_Full	4.476	5.060	PASS
N14	15	5	DFT-64QAM	L	Outer_Full	4.482	5.090	PASS
N14	15	5	DFT-256QAM	L	Outer_Full	4.482	5.110	PASS
N14	15	5	CP-QPSK	L	Outer_Full	4.47	5.060	PASS
N14	15	5	CP-16QAM	L	Outer_Full	4.494	5.190	PASS
N14	15	5	CP-64QAM	L	Outer_Full	4.495	5.240	PASS
N14	15	5	CP-256QAM	L	Outer_Full	4.491	5.160	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	4.483	5.010	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	4.493	5.160	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	4.485	5.080	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	4.49	5.170	PASS
N14	15	5	DFT-256QAM	M	Outer_Full	4.492	5.140	PASS
N14	15	5	CP-QPSK	M	Outer_Full	4.483	5.180	PASS
N14	15	5	CP-16QAM	M	Outer_Full	4.479	5.090	PASS
N14	15	5	CP-64QAM	M	Outer_Full	4.483	5.200	PASS
N14	15	5	CP-256QAM	M	Outer_Full	4.501	5.250	PASS
N14	15	5	DFT-QPSK	H	Outer_Full	4.472	4.930	PASS
N14	15	5	DFT-PI2BPSK	H	Outer_Full	4.493	5.160	PASS
N14	15	5	DFT-16QAM	H	Outer_Full	4.472	5.050	PASS
N14	15	5	DFT-64QAM	H	Outer_Full	4.476	5.110	PASS
N14	15	5	DFT-256QAM	H	Outer_Full	4.473	5.050	PASS
N14	15	5	CP-QPSK	H	Outer_Full	4.486	5.190	PASS
N14	15	5	CP-16QAM	H	Outer_Full	4.484	5.160	PASS
N14	15	5	CP-64QAM	H	Outer_Full	4.485	5.160	PASS
N14	15	5	CP-256QAM	H	Outer_Full	4.487	5.150	PASS
N14	15	10	DFT-QPSK	L	Outer_Full	8.96	9.740	PASS
N14	15	10	DFT-PI2BPSK	L	Outer_Full	8.963	9.740	PASS
N14	15	10	DFT-16QAM	L	Outer_Full	8.956	9.620	PASS
N14	15	10	DFT-64QAM	L	Outer_Full	8.946	9.780	PASS



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N14	15	10	DFT-256QAM	L	Outer_Full	8.947	9.640	PASS
N14	15	10	CP-QPSK	L	Outer_Full	9.314	10.240	PASS
N14	15	10	CP-16QAM	L	Outer_Full	9.294	10.180	PASS
N14	15	10	CP-64QAM	L	Outer_Full	9.319	10.280	PASS
N14	15	10	CP-256QAM	L	Outer_Full	9.317	10.180	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	8.955	9.740	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	8.958	9.740	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	8.957	9.580	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	8.947	9.780	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	8.948	9.640	PASS
N14	15	10	CP-QPSK	M	Outer_Full	9.312	10.200	PASS
N14	15	10	CP-16QAM	M	Outer_Full	9.293	10.140	PASS
N14	15	10	CP-64QAM	M	Outer_Full	9.307	10.260	PASS
N14	15	10	CP-256QAM	M	Outer_Full	9.317	10.180	PASS
N14	15	10	DFT-QPSK	H	Outer_Full	8.954	9.740	PASS
N14	15	10	DFT-PI2BPSK	H	Outer_Full	8.951	9.860	PASS
N14	15	10	DFT-16QAM	H	Outer_Full	8.958	9.620	PASS
N14	15	10	DFT-64QAM	H	Outer_Full	8.945	9.760	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	8.947	9.640	PASS
N14	15	10	CP-QPSK	H	Outer_Full	9.316	10.240	PASS
N14	15	10	CP-16QAM	H	Outer_Full	9.293	10.140	PASS
N14	15	10	CP-64QAM	H	Outer_Full	9.323	10.280	PASS
N14	15	10	CP-256QAM	H	Outer_Full	9.317	10.180	PASS



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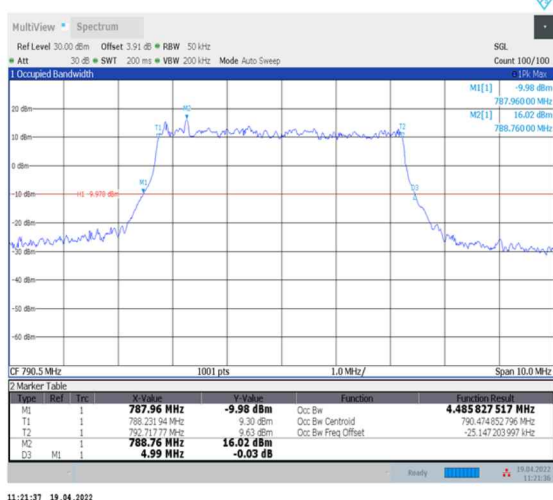
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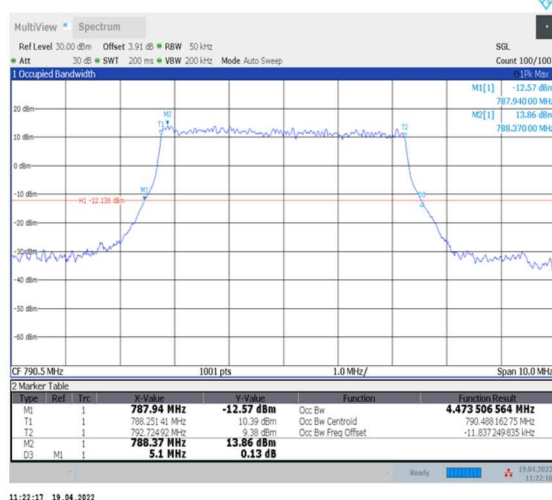
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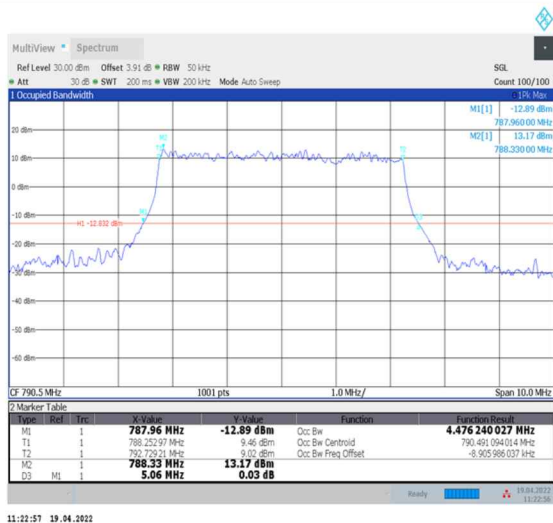
Test Graphs



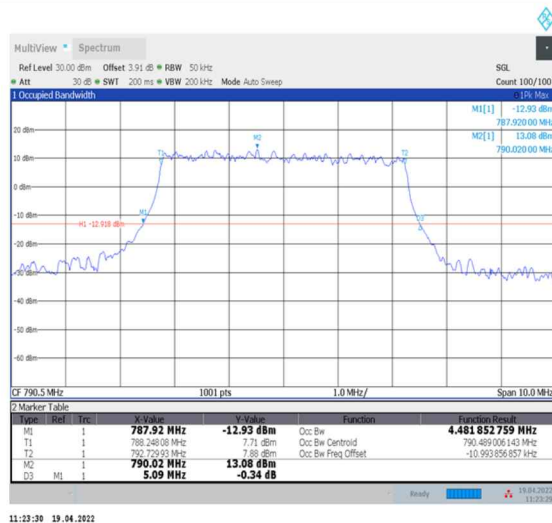
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1-N14--15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant0-4.474-5.100-≤5-PASS



1-N14--15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant0-4.476-5.060-≤5-PASS



1-N14--15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant0-4.482-5.090-≤5-PASS



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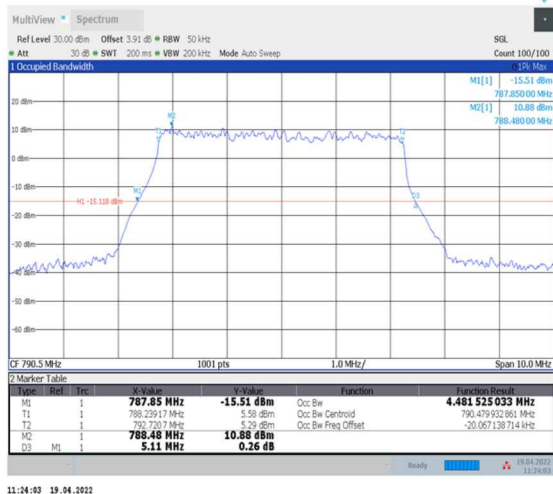
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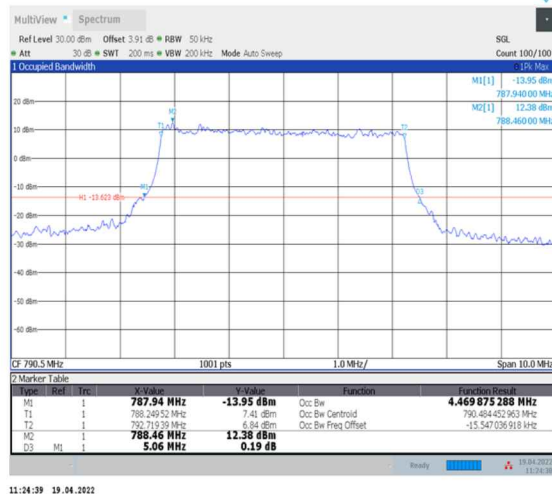
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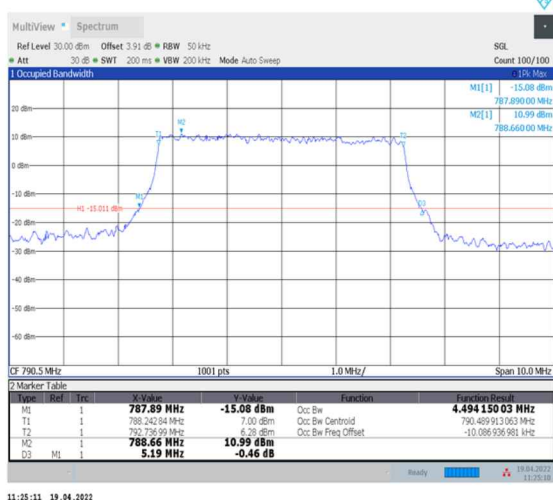
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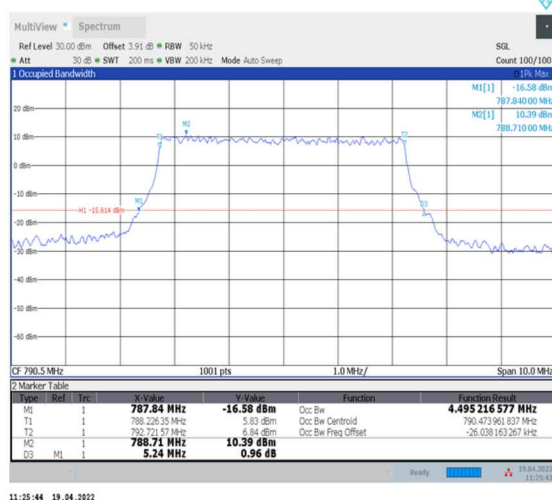
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1-N14--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-4.47-5.060-≤5-PASS



1-N14--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant0-4.494-5.190-≤5-PASS



1-N14--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant0-4.495-5.240-≤5-PASS



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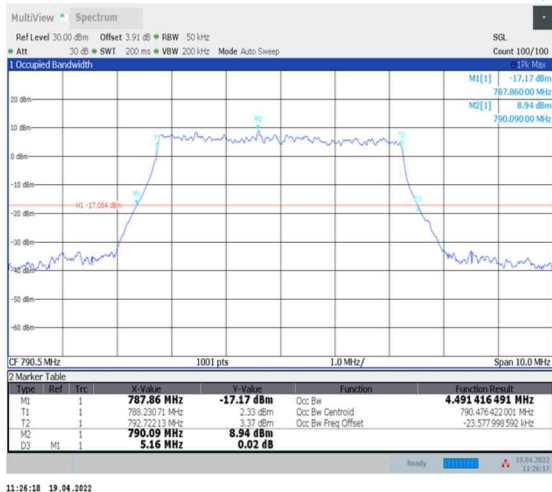
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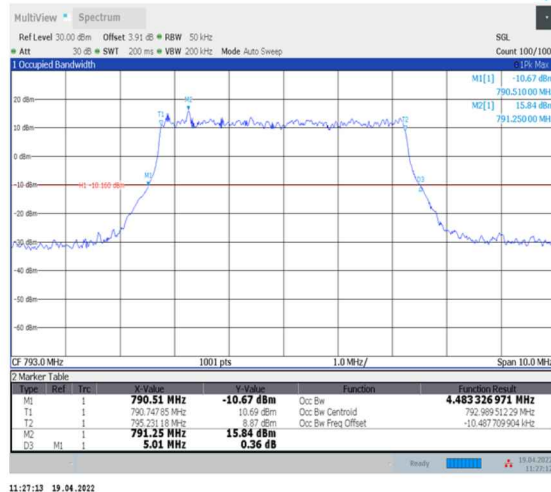
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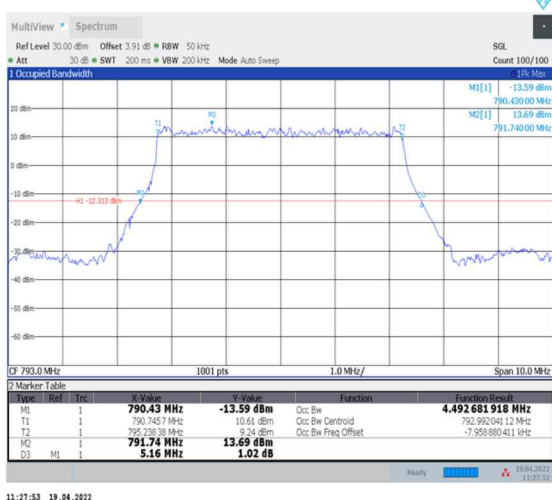
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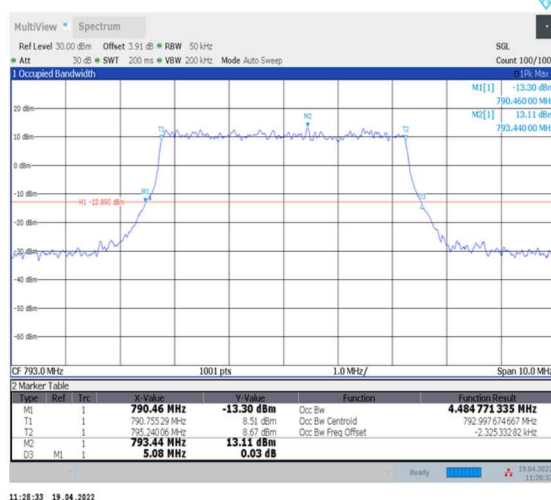
11:27:13 19.04.2022

1-N14--15-5-L-9-CP-256QAM-Out_ Full-25@0-Ant0-4.491-5.160-≤5-PASS

1-N14--15-5-M-1-DFT-QPSK-Out_ Full-25@0-Ant0-4.483-5.010-≤5-PASS



11:27:53 19.04.2022



11:28:33 19.04.2022

1-N14--15-5-M-2-DFT-PI2BPSK-Out_ Full-25@0-Ant0-4.493-5.160-≤5-PASS

1-N14--15-5-M-3-DFT-16QAM-Out_ Full-25@0-Ant0-4.485-5.080-≤5-PASS



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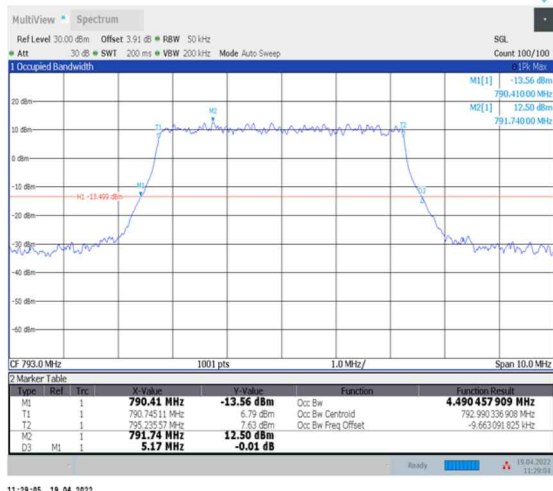
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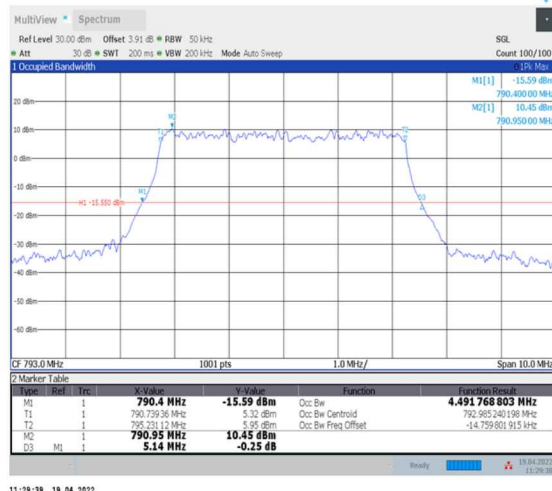
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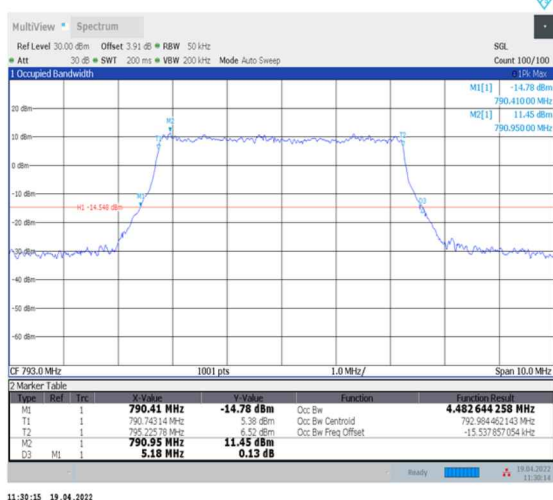
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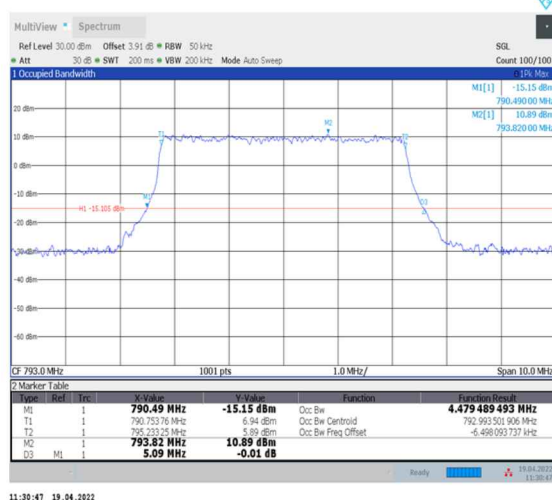
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1-N14--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant0-4.49-5.170-≤5-PASS

1-N14--15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant0-4.492-5.140-≤5-PASS



11:30:15 19.04.2022



11:30:47 19.04.2022

1-N14--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant0-4.483-5.180-≤5-PASS

1-N14--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant0-4.479-5.090-≤5-PASS



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