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)	Limit dBm)	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	Modulation	Channel	RB Config	DutyCycle	Factor	Result	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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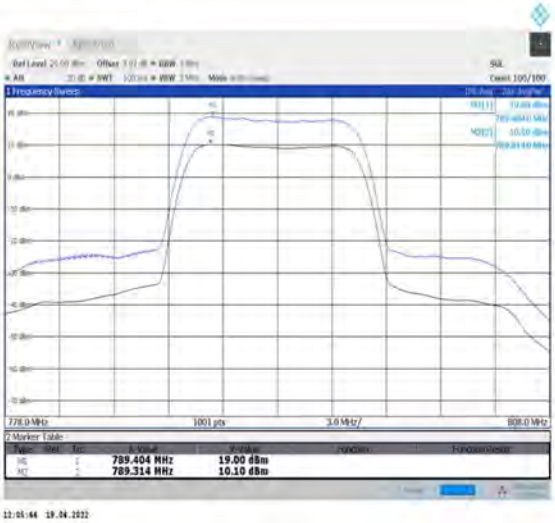
Test Graphs



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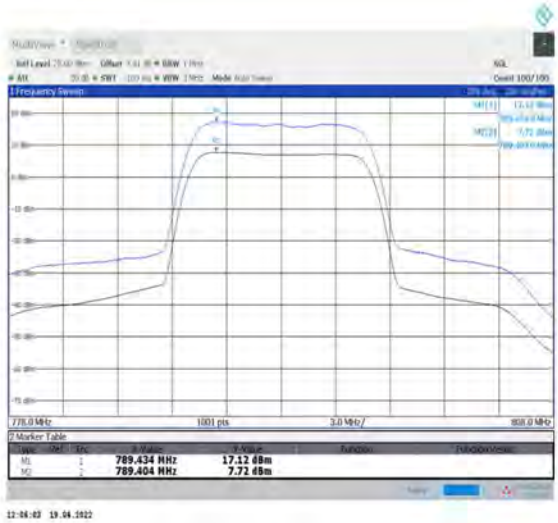

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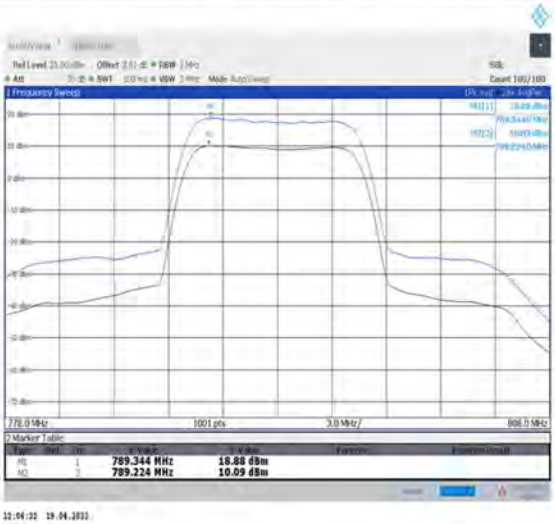

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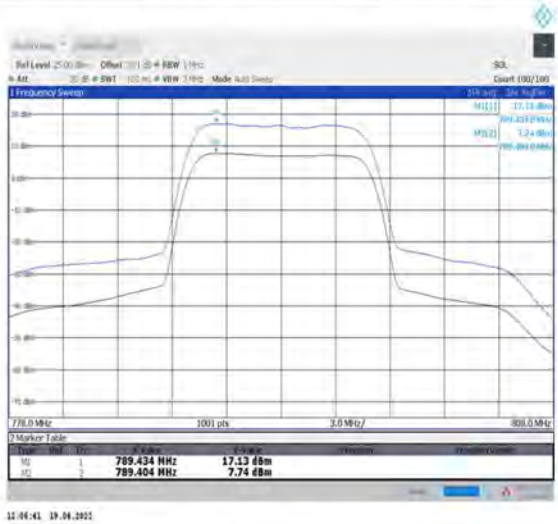

1-N14--15-10-M-2-CP-256QAM-Outer_Full-52@0-Ant1-9.39-100%-0.00-9.39-PASS-≤13

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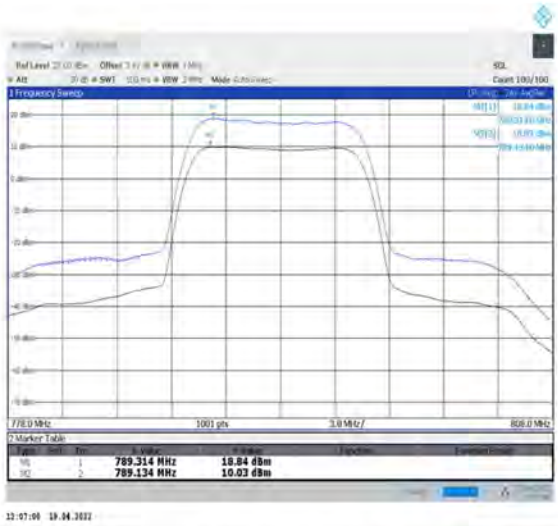	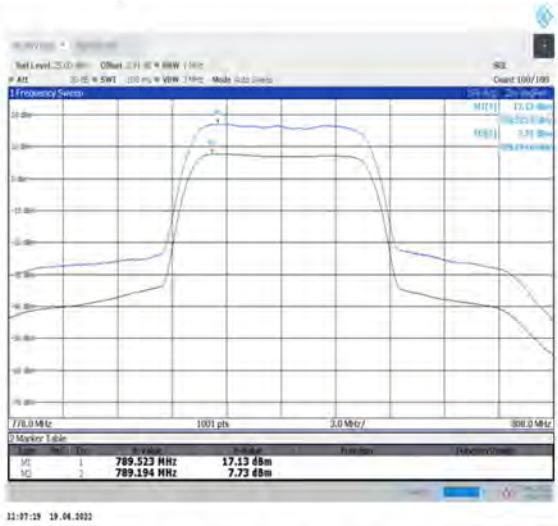
1-N14--15-10-H-1-DFT-256QAM-Outer_Full-50@0-Ant1-8.81-100%-0.00-8.81-PASS-≤13	1-N14--15-10-H-2-CP-256QAM-Outer_Full-52@0-Ant1-9.40-100%-0.00-9.40-PASS-≤13

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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N14	15	10	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	see graph	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	see graph	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	see graph	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	see graph	PASS
N14	15	10	CP-QPSK	M	Outer_Full	see graph	PASS
N14	15	10	CP-16QAM	M	Outer_Full	see graph	PASS
N14	15	10	CP-64QAM	M	Outer_Full	see graph	PASS
N14	15	10	CP-256QAM	M	Outer_Full	see graph	PASS

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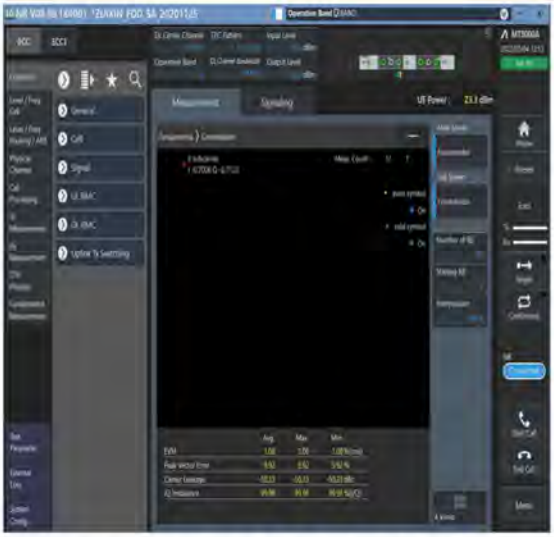
Test Graphs



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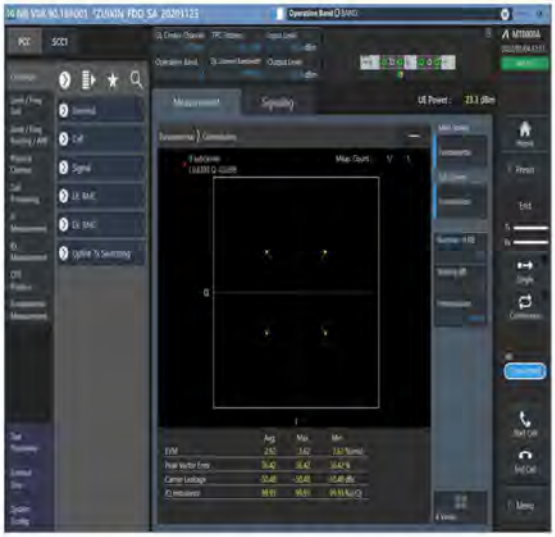

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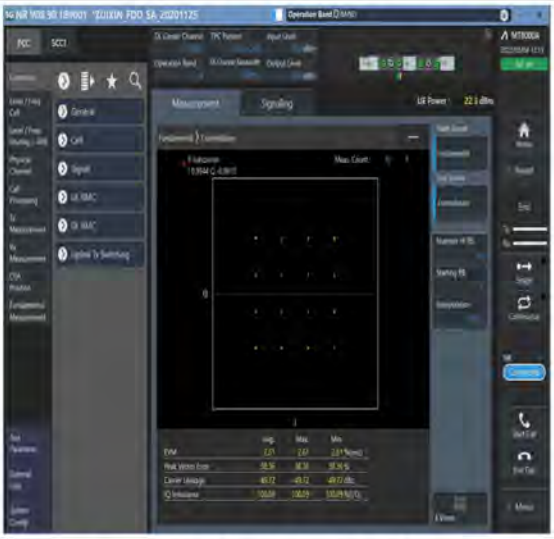

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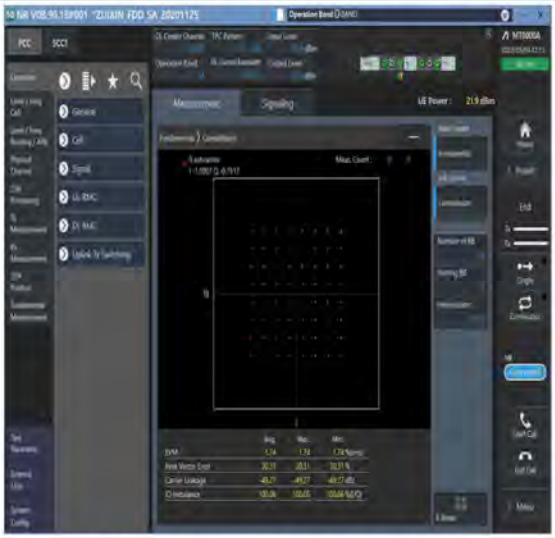

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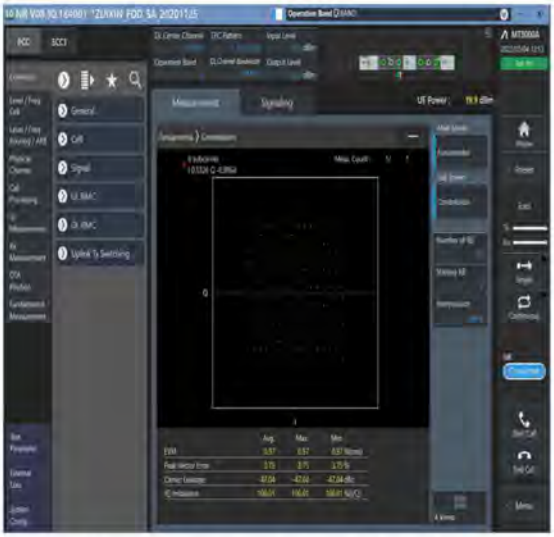	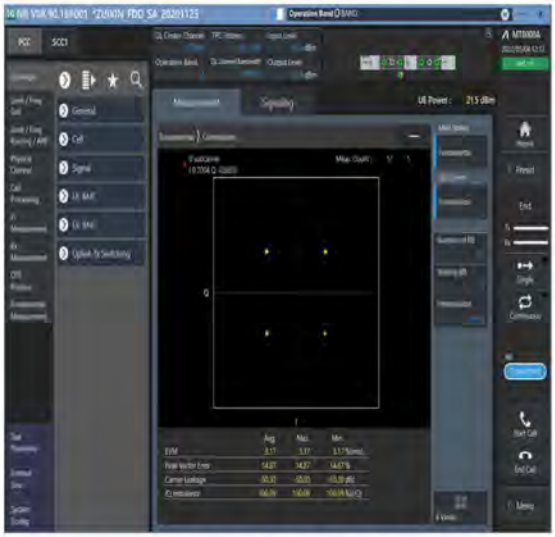
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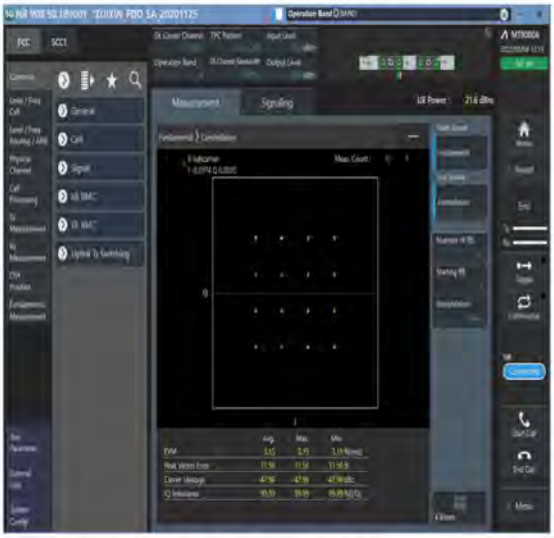	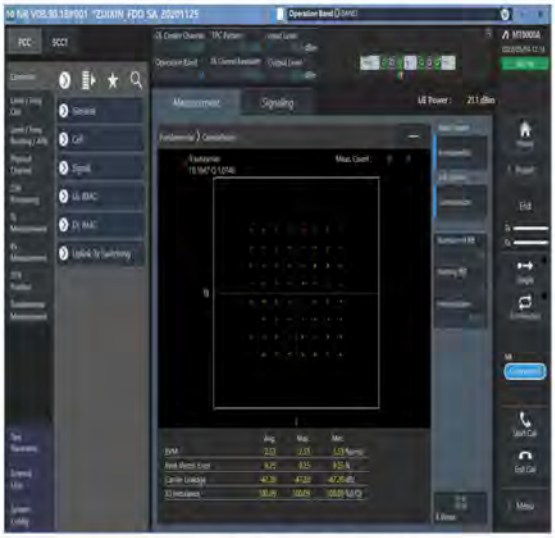
1-N14-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-see graph-PASS	1-N14-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-see graph-PASS

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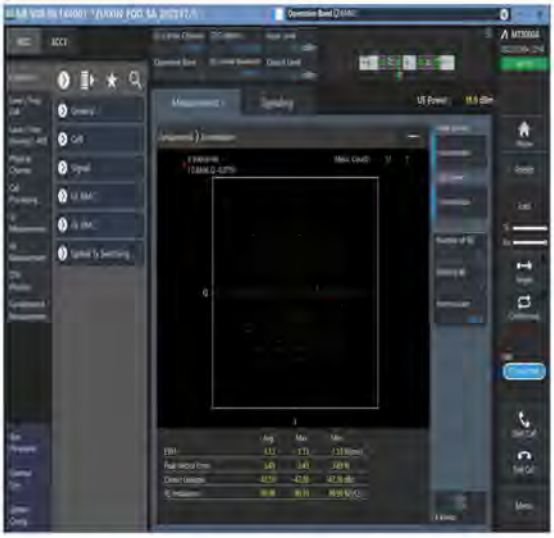	
1-N14-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-see graph-PASS	

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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
N14	15	10	DFT-256QAM	L	Outer_Full	8.947	9.640	PASS

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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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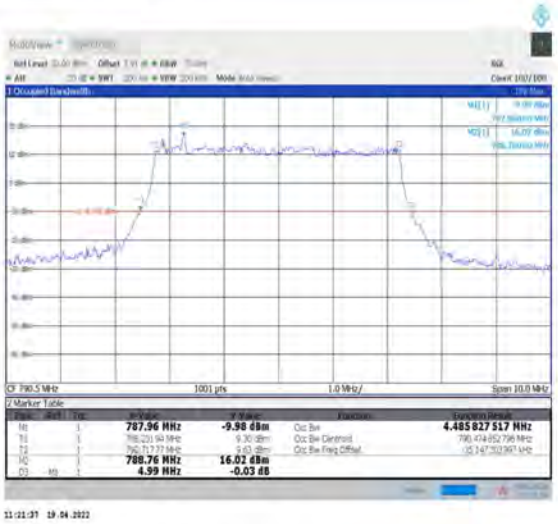
Test Graphs



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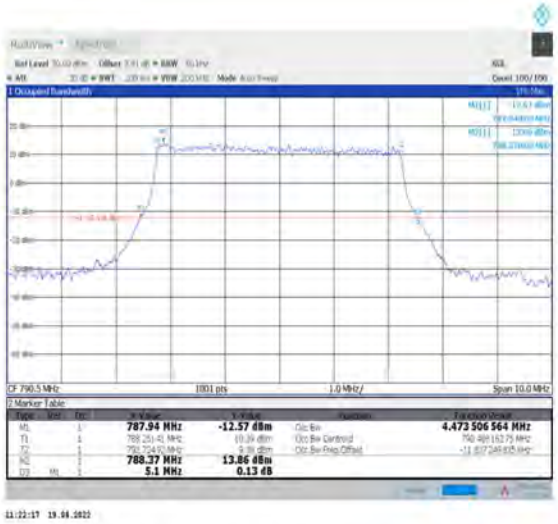

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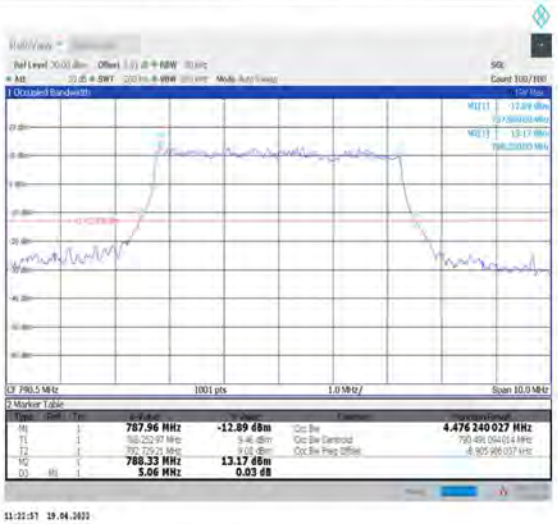

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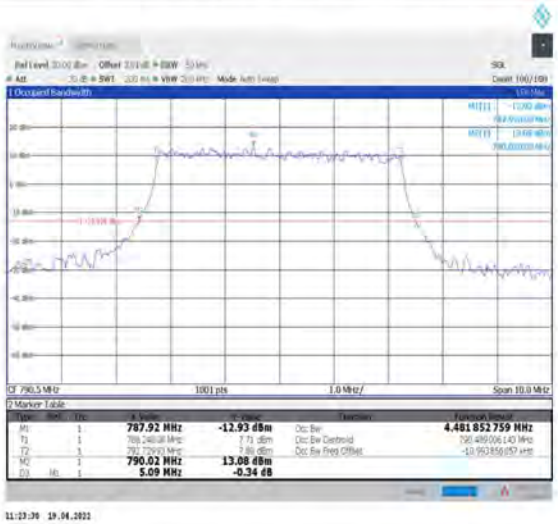

1-N14--15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.482-5.090-≤5-PASS

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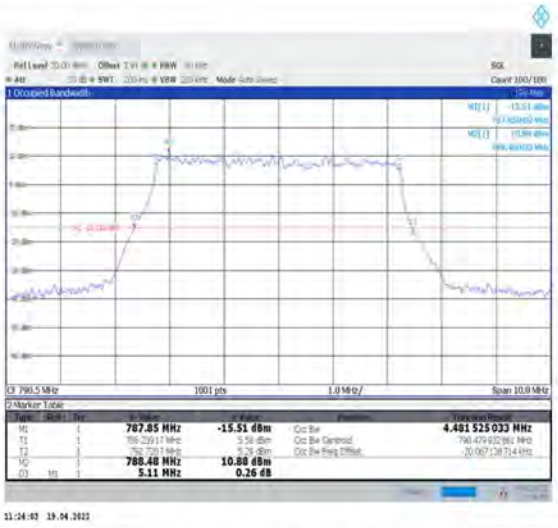

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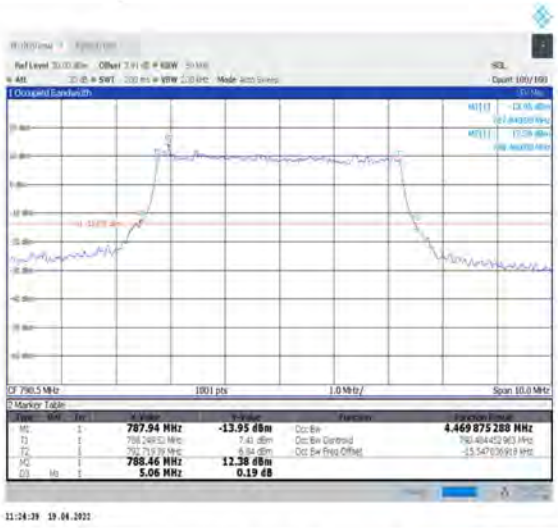

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1-N14--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.494-5.190-≤5-PASS

1-N14--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.495-5.240-≤5-PASS

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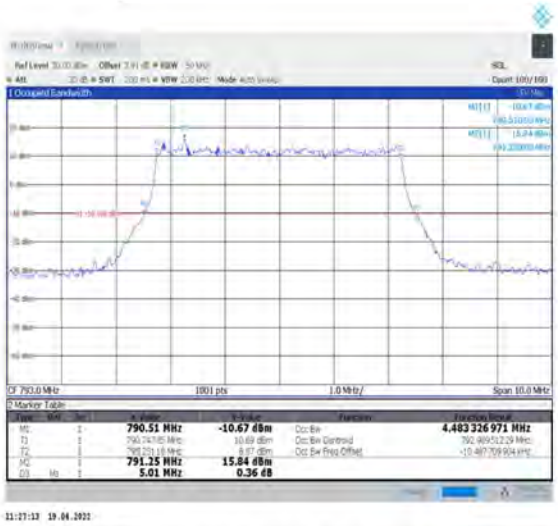

1-N14--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.483-5.010-≤5-PASS

1-N14--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.493-5.160-≤5-PASS

1-N14--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.485-5.080-≤5-PASS

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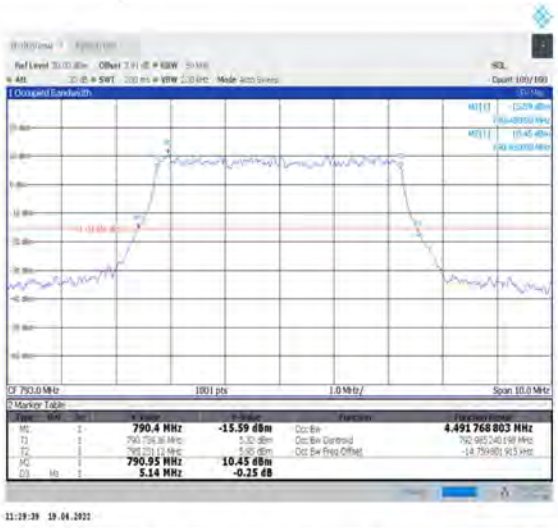
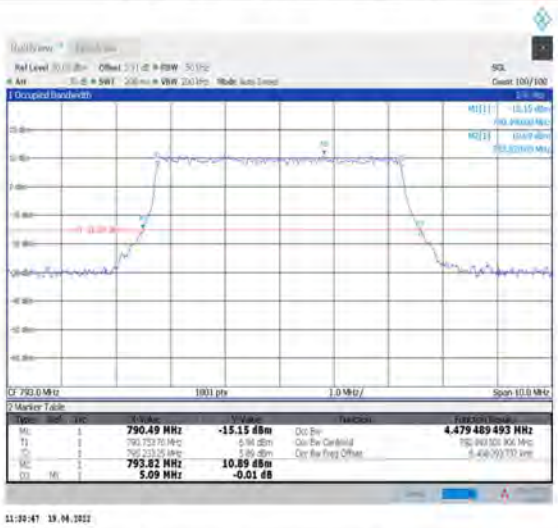


1-N14--15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.492-5.140-≤5-PASS

1-N14--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.483-5.180-≤5-PASS



1-N14--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.479-5.090-≤5-PASS

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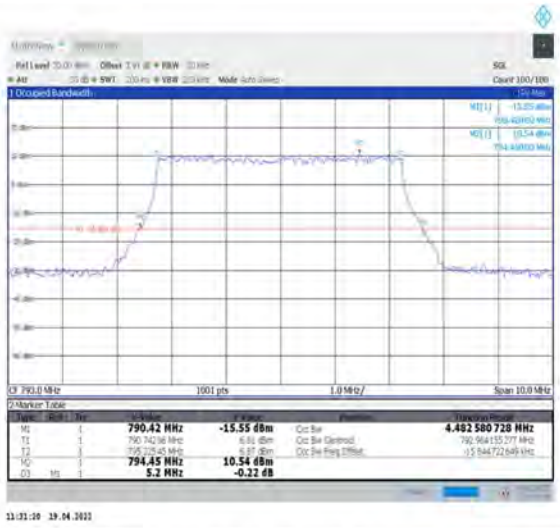

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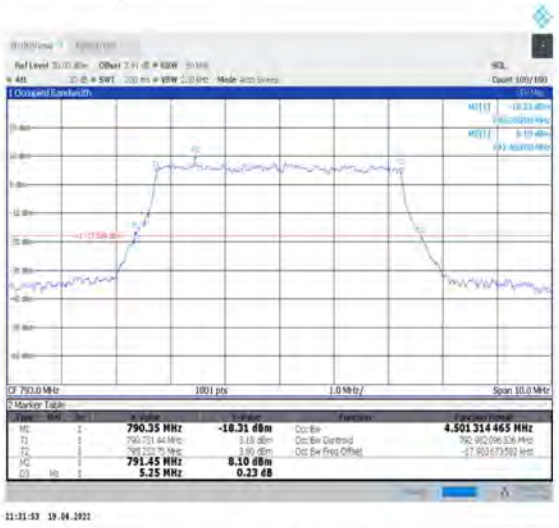

1-N14--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.501-5.250-≤5-PASS

1-N14--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.472-4.930-≤5-PASS

1-N14--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.493-5.160-≤5-PASS

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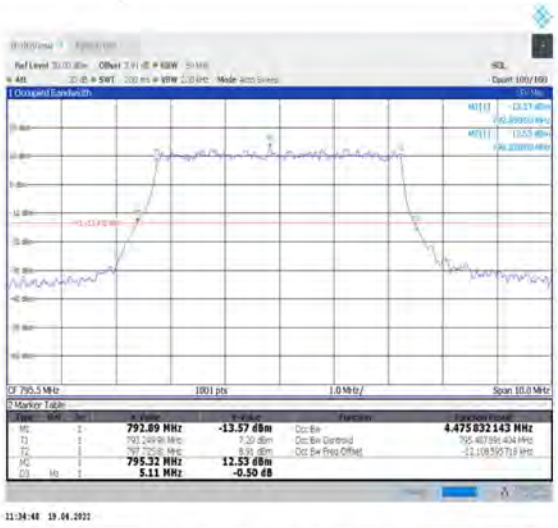
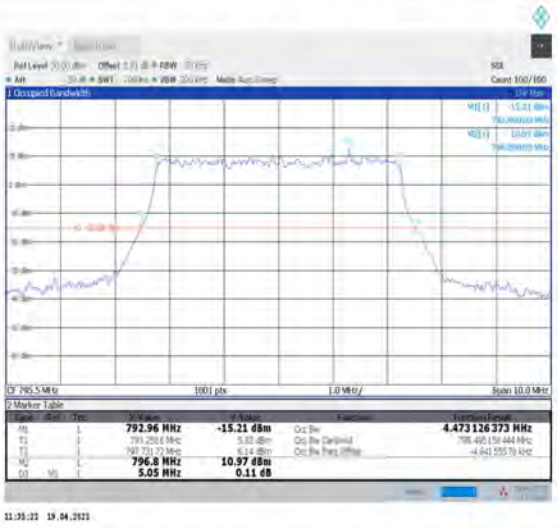
1-N14--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.472-5.050-≤5-PASS



1-N14--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.476-5.110-≤5-PASS



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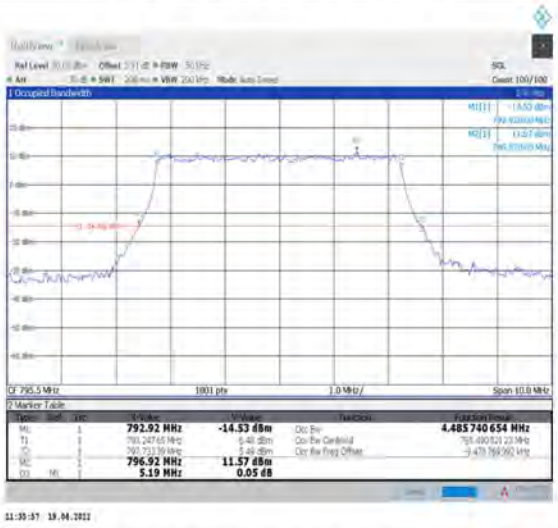

1-N14--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.486-5.190-≤5-PASS

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1-N14--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.484-5.160-≤5-PASS

1-N14--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.485-5.160-≤5-PASS

1-N14--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.487-5.150-≤5-PASS

1-N14--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.96-9.740-≤10-PASS

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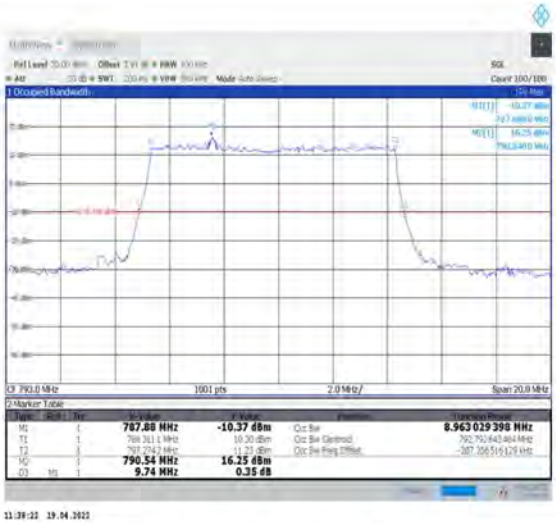

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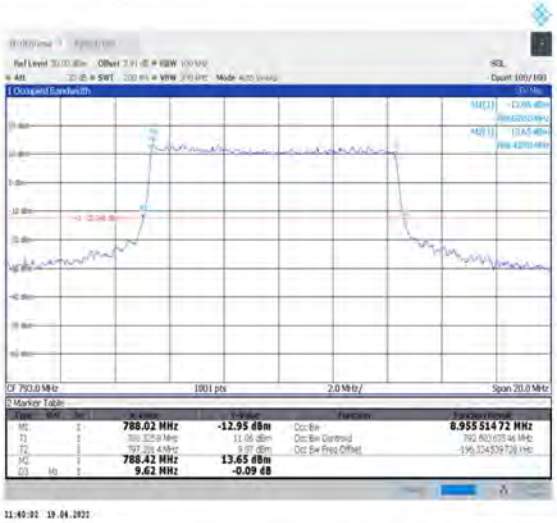

1-N14--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.956-9.620-≤10-PASS

1-N14--15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.946-9.780-≤10-PASS

1-N14--15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.947-9.640-≤10-PASS

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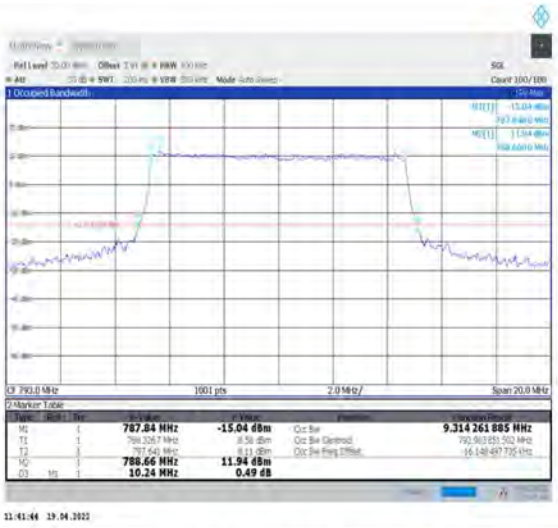
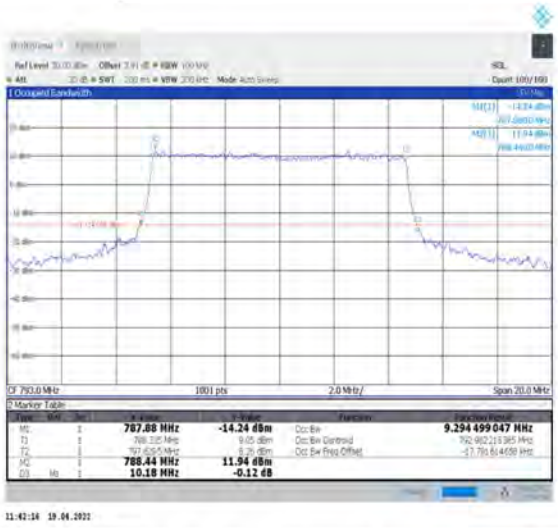


1-N14--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.314-10.240-≤10-PASS



1-N14--15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.294-10.180-≤10-PASS

1-N14--15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.319-10.280-≤10-PASS

1-N14--15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.317-10.180-≤10-PASS

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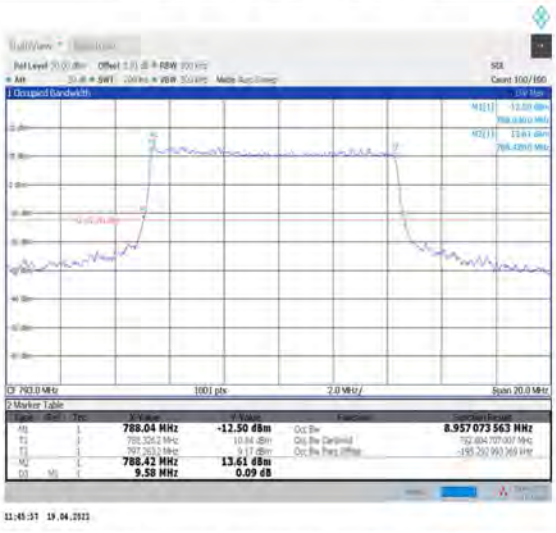
1-N14--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.955-9.740-≤10-PASS

1-N14--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.958-9.740-≤10-PASS



1-N14--15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.957-9.580-≤10-PASS

1-N14--15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.947-9.780-≤10-PASS

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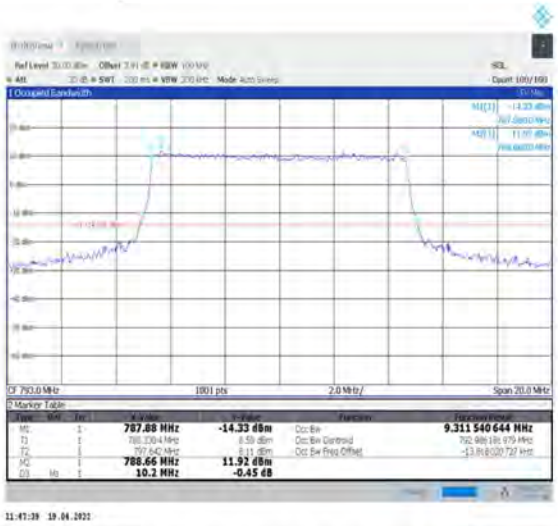
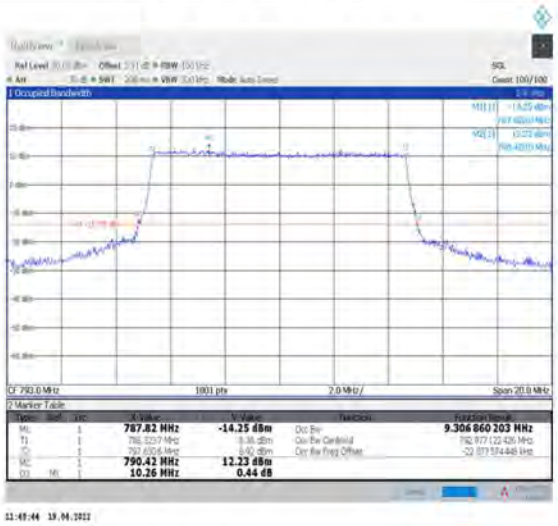
1-N14--15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.948-9.640-≤10-PASS



1-N14--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.312-10.200-≤10-PASS

1-N14--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.293-10.140-≤10-PASS



1-N14--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.307-10.260-≤10-PASS

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1-N14--15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.317-10.180-≤10-PASS

1-N14--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.954-9.740-≤10-PASS

1-N14--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.951-9.860-≤10-PASS

1-N14--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.958-9.620-≤10-PASS

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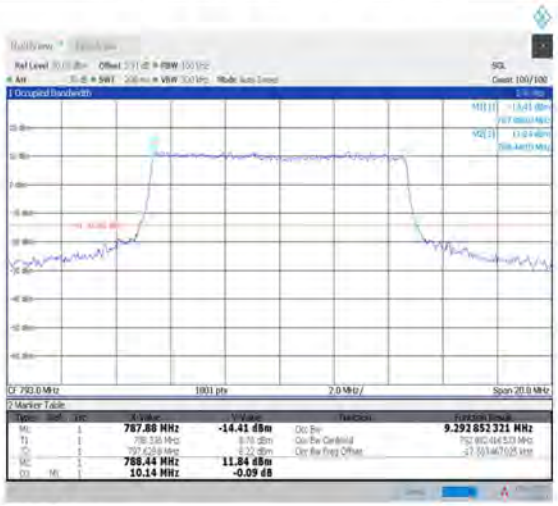
1-N14--15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.945-9.760-≤10-PASS

1-N14--15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.947-9.640-≤10-PASS

1-N14--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.316-10.240-≤10-PASS



1-N14--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.293-10.140-≤10-PASS

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1-N14--15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.323-10.280-≤10-PASS

1-N14--15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.317-10.180-≤10-PASS

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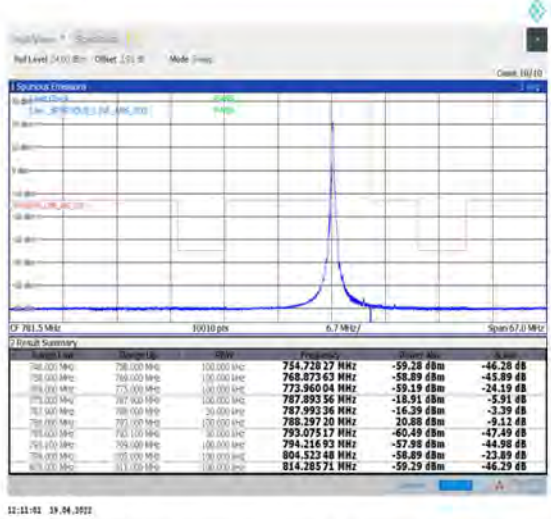
Band Edge for SA

Test Graphs



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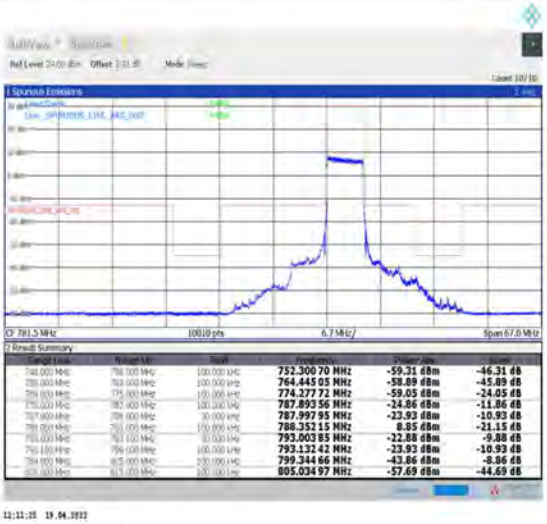

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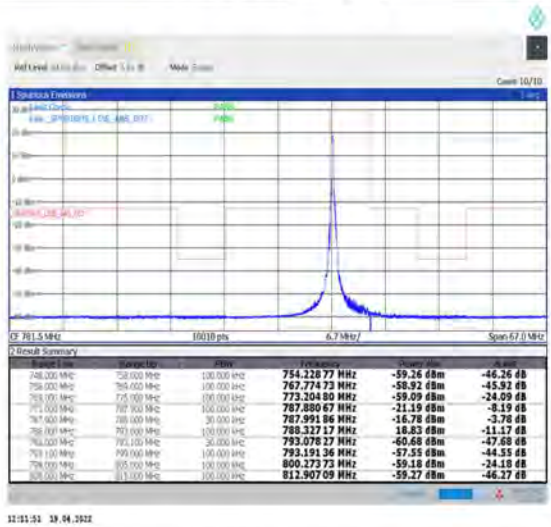
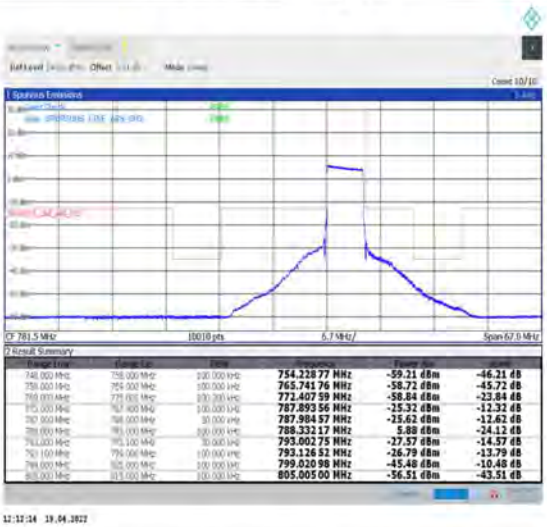


1-N14--15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



1-N14--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-PASS-see graph

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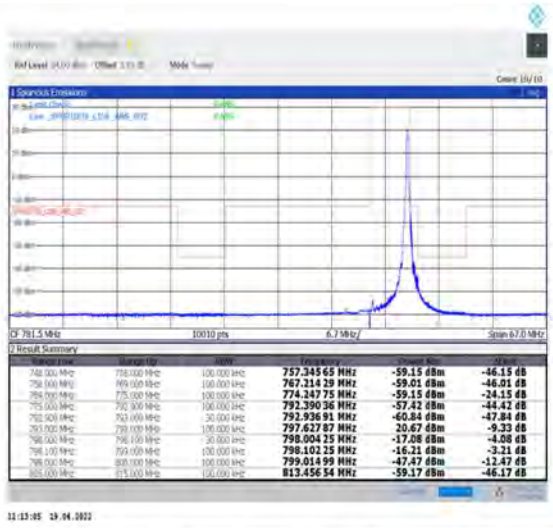

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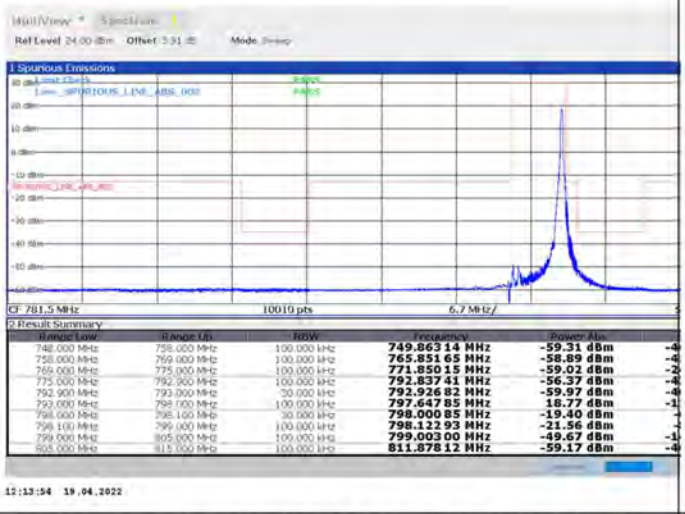

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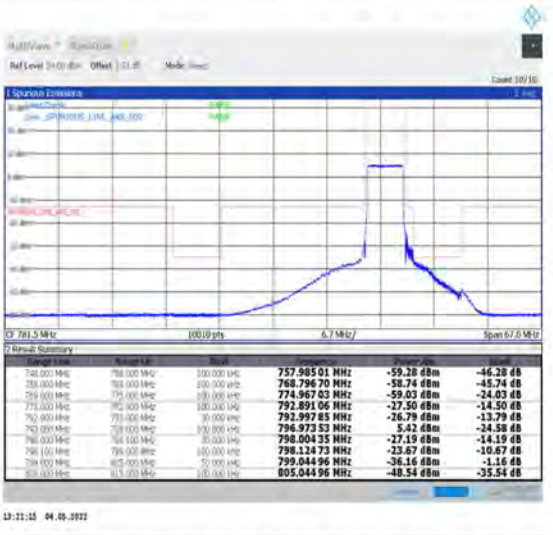

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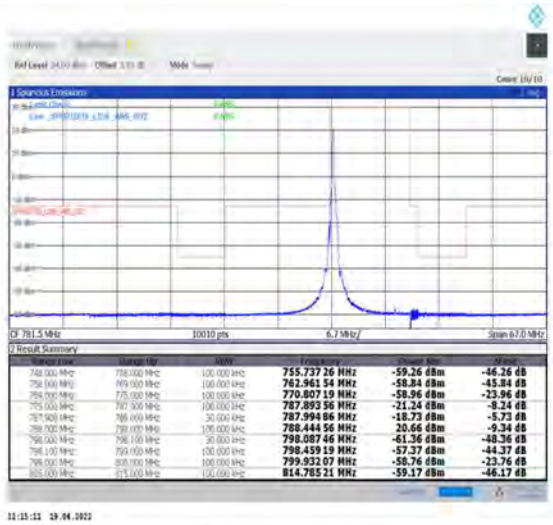

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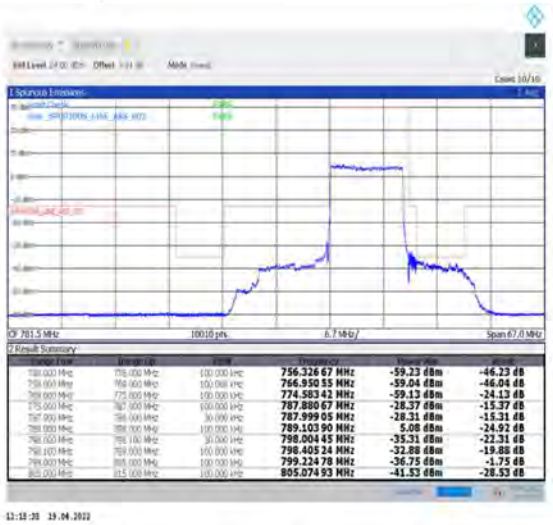

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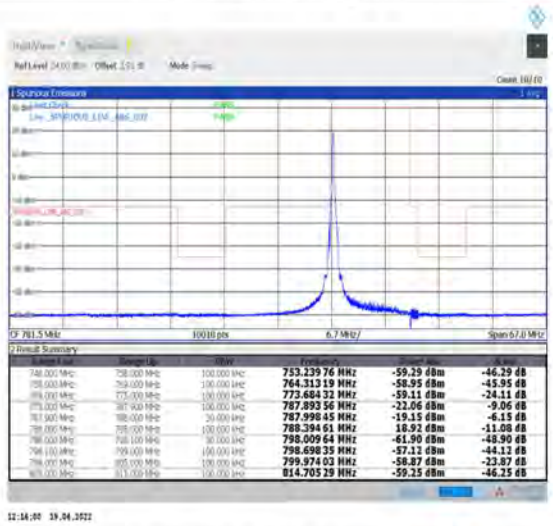

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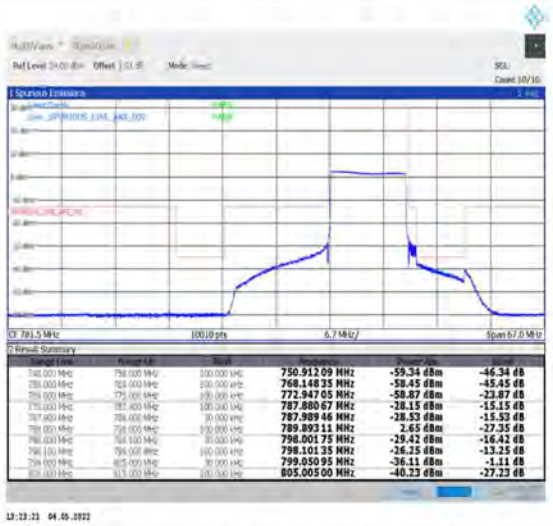

1-N14--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS-see graph

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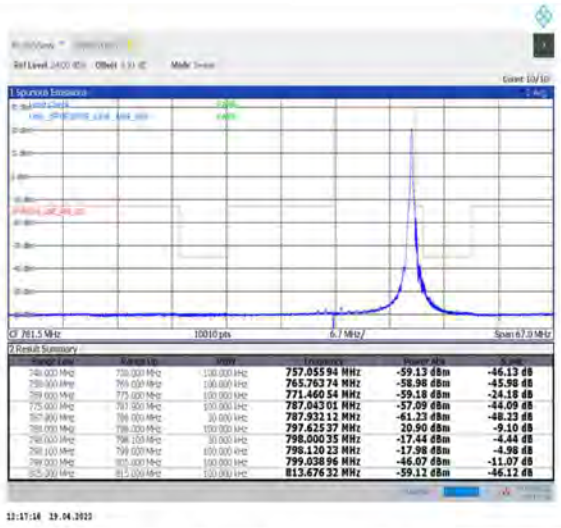
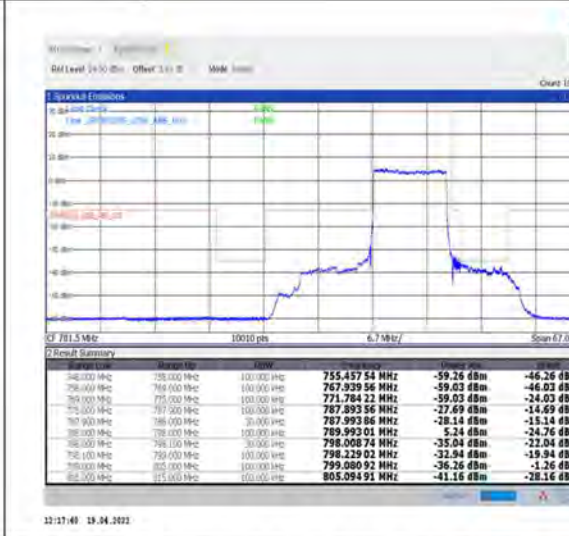


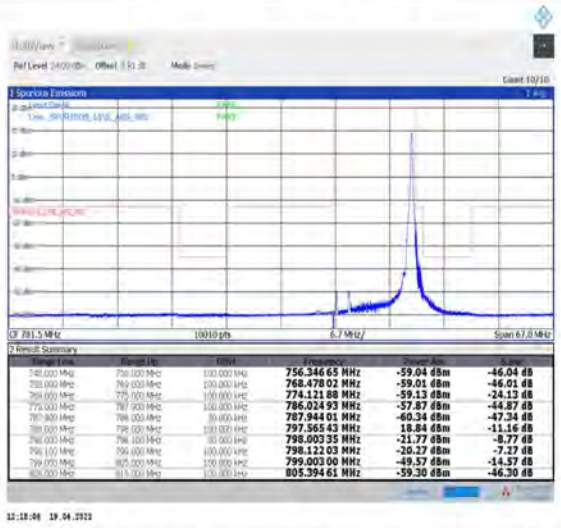
Range Low	Range Up	RBW	Frequency	Power Abs	Δ Limit
748.000 MHz	758.000 MHz	100.000 kHz	757.055 94 MHz	-59.13 dBm	-46.13 dB
758.000 MHz	768.000 MHz	100.000 kHz	765.763 74 MHz	-58.98 dBm	-45.98 dB
768.000 MHz	775.000 MHz	100.000 kHz	771.460 54 MHz	-59.18 dBm	-24.18 dB
775.000 MHz	787.900 MHz	100.000 kHz	787.043 01 MHz	-57.09 dBm	-44.09 dB
787.900 MHz	788.000 MHz	30.000 kHz	787.932 12 MHz	-61.23 dBm	-48.23 dB
788.000 MHz	798.000 MHz	100.000 kHz	797.625 37 MHz	20.90 dBm	-9.10 dB
798.000 MHz	798.150 MHz	30.000 kHz	798.000 35 MHz	-17.44 dBm	-4.44 dB
798.150 MHz	799.000 MHz	100.000 kHz	798.120 23 MHz	-17.98 dBm	-4.98 dB
799.000 MHz	805.000 MHz	100.000 kHz	799.038 96 MHz	-46.07 dBm	-11.07 dB
805.200 MHz	815.000 MHz	100.000 kHz	813.676 32 MHz	-59.12 dBm	-46.12 dB

1-N14--15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-PASS-see graph



Range Low	Range Up	RBW	Frequency	Power Abs	Δ Limit
748.000 MHz	758.000 MHz	100.000 kHz	755.457 54 MHz	-59.26 dBm	-46.26 dB
758.000 MHz	768.000 MHz	100.000 kHz	767.939 56 MHz	-59.03 dBm	-46.03 dB
768.000 MHz	775.000 MHz	100.000 kHz	771.784 22 MHz	-59.03 dBm	-24.03 dB
775.000 MHz	787.900 MHz	100.000 kHz	787.893 56 MHz	-27.69 dBm	-14.69 dB
787.900 MHz	788.000 MHz	30.000 kHz	787.993 86 MHz	-28.14 dBm	-15.14 dB
788.000 MHz	798.000 MHz	100.000 kHz	789.993 01 MHz	5.24 dBm	-24.76 dB
798.000 MHz	798.150 MHz	30.000 kHz	798.008 74 MHz	-35.04 dBm	-22.04 dB
798.150 MHz	799.000 MHz	100.000 kHz	798.229 02 MHz	-32.94 dBm	-19.94 dB
799.000 MHz	805.000 MHz	100.000 kHz	799.080 92 MHz	-36.26 dBm	-1.26 dB
805.200 MHz	815.000 MHz	100.000 kHz	805.094 91 MHz	-41.16 dBm	-28.16 dB

1-N14--15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS-see graph



Range Low	Range Up	RBW	Frequency	Power Abs	Δ Limit
748.000 MHz	758.000 MHz	100.000 kHz	756.346 65 MHz	-59.04 dBm	-46.04 dB
758.000 MHz	768.000 MHz	100.000 kHz	768.478 02 MHz	-59.01 dBm	-46.01 dB
768.000 MHz	775.000 MHz	100.000 kHz	774.121 88 MHz	-59.13 dBm	-24.13 dB
775.000 MHz	787.900 MHz	100.000 kHz	786.024 93 MHz	-57.87 dBm	-44.87 dB
787.900 MHz	788.000 MHz	30.000 kHz	787.944 01 MHz	-60.34 dBm	-47.34 dB
788.000 MHz	798.000 MHz	100.000 kHz	797.565 43 MHz	18.84 dBm	-11.16 dB
798.000 MHz	798.150 MHz	30.000 kHz	798.003 35 MHz	-21.77 dBm	-8.77 dB
798.150 MHz	799.000 MHz	100.000 kHz	798.122 03 MHz	-26.27 dBm	-7.27 dB
799.000 MHz	805.000 MHz	100.000 kHz	799.003 00 MHz	-49.57 dBm	-14.57 dB
805.200 MHz	815.000 MHz	100.000 kHz	805.394 61 MHz	-59.30 dBm	-46.30 dB

1-N14--15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-PASS-see graph

Range Low	Range Up	RBW	Frequency	Power Abs	Δ Limit
748.000 MHz	758.000 MHz	100.000 kHz	757.725 27 MHz	-59.06 dBm	-46.06 dB
758.000 MHz	768.000 MHz	100.000 kHz	760.082 42 MHz	-58.83 dBm	-45.83 dB
768.000 MHz	775.000 MHz	100.000 kHz	771.982 02 MHz	-59.01 dBm	-24.01 dB
775.000 MHz	787.900 MHz	100.000 kHz	787.893 56 MHz	-27.74 dBm	-14.74 dB
787.900 MHz	788.000 MHz	30.000 kHz	787.999 95 MHz	-28.45 dBm	-15.45 dB
788.000 MHz	798.000 MHz	100.000 kHz	788.674 33 MHz	2.95 dBm	-27.05 dB
798.000 MHz	798.150 MHz	30.000 kHz	798.015 93 MHz	-29.87 dBm	-16.87 dB
798.150 MHz	799.000 MHz	100.000 kHz	798.109 44 MHz	-26.36 dBm	-13.36 dB
799.000 MHz	805.000 MHz	100.000 kHz	799.056 94 MHz	-39.38 dBm	-4.38 dB
805.200 MHz	815.000 MHz	100.000 kHz	805.194 81 MHz	-39.88 dBm	-26.88 dB

1-N14--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS-see graph

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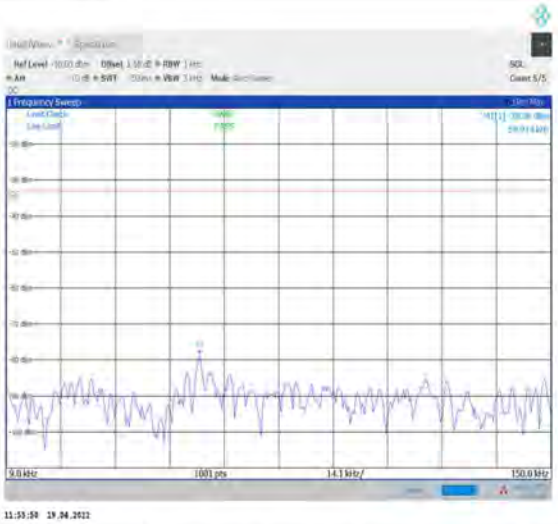
Test Graphs



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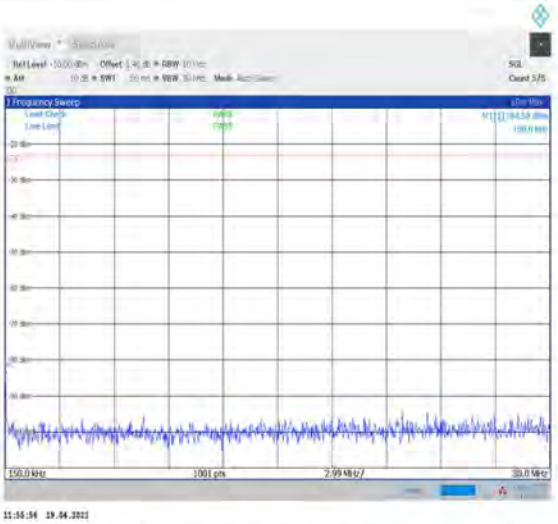

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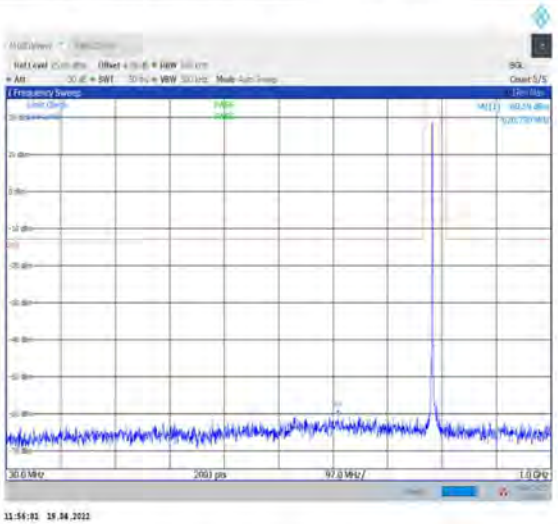

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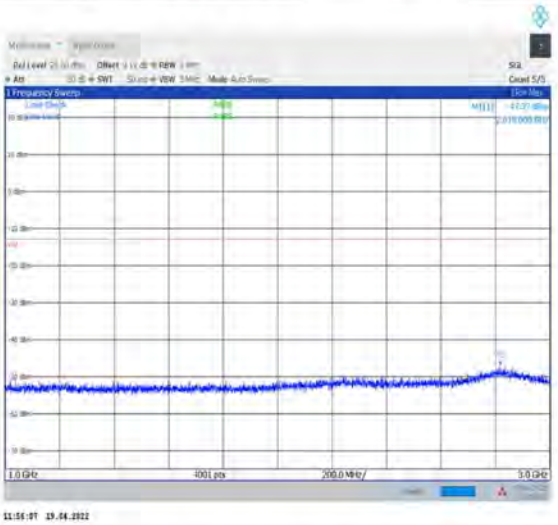

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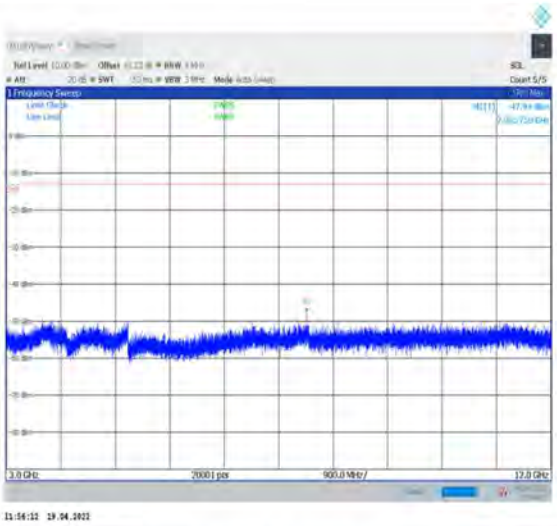

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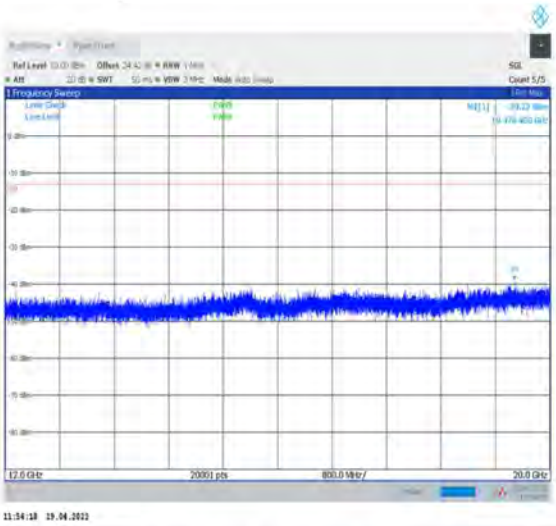

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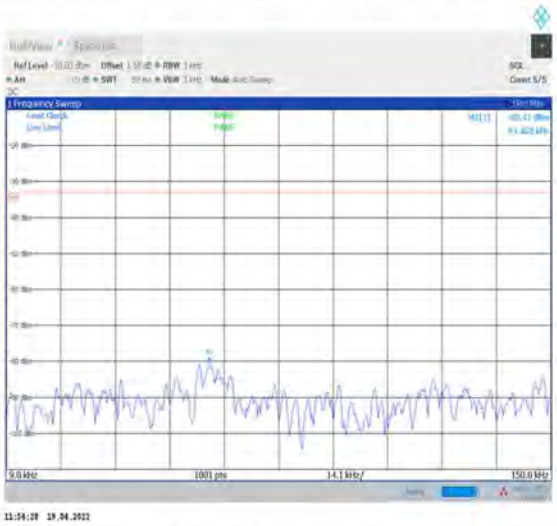

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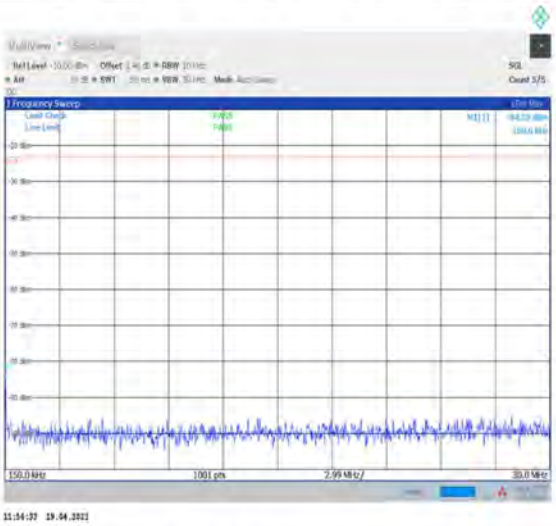

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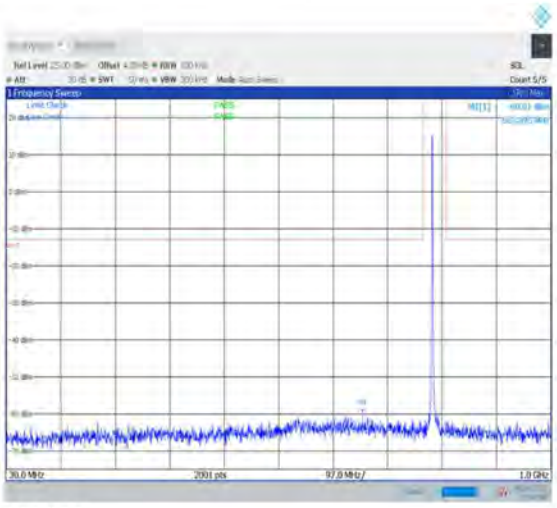

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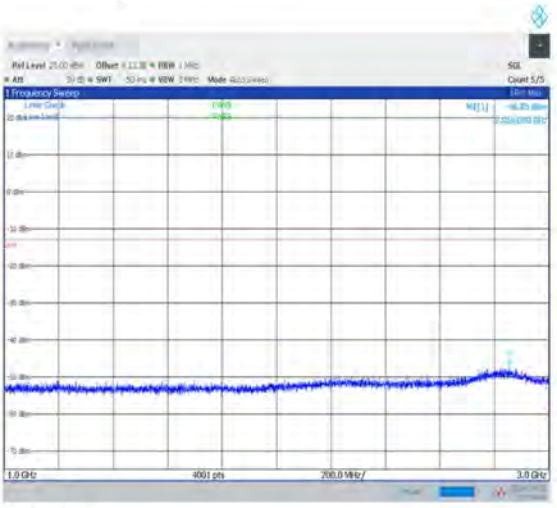

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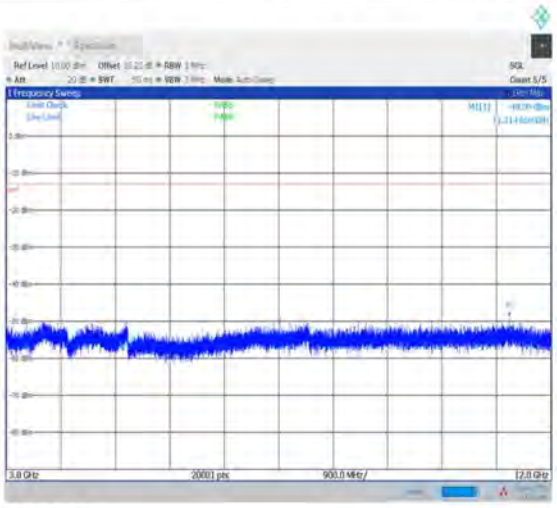

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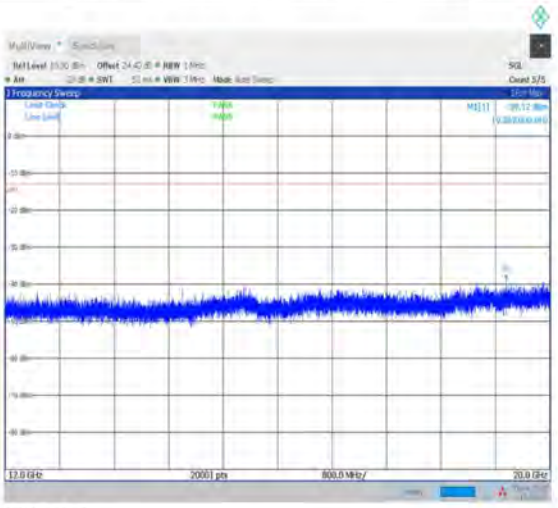

1-N14--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1--39.12--13-PASS

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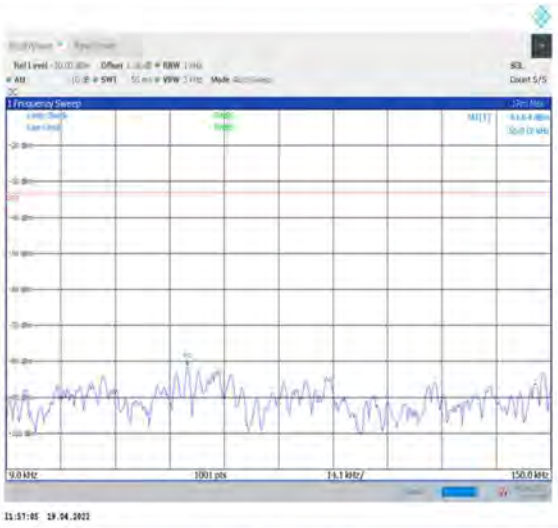
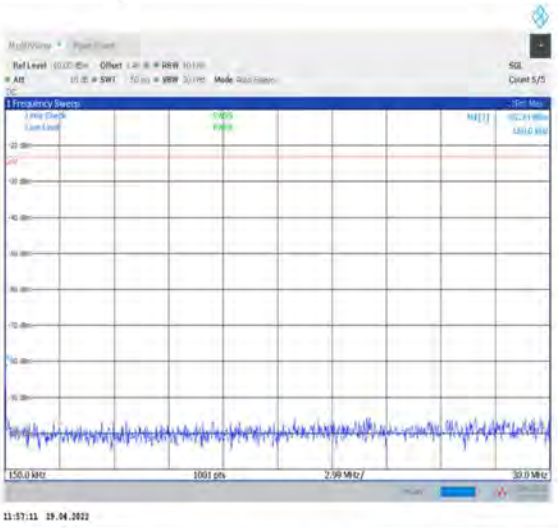
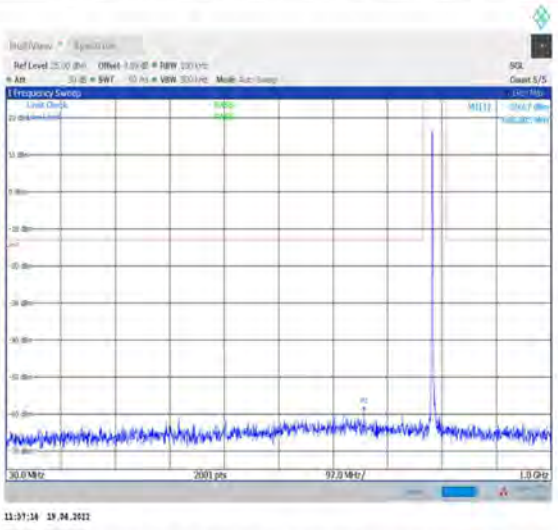


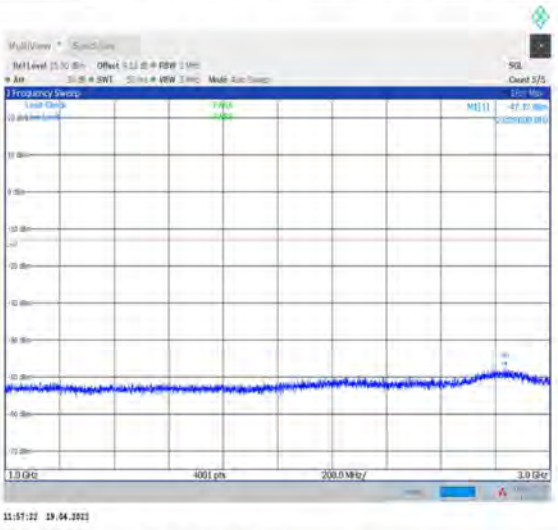
1-N14--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--81.64--33-PASS



1-N14--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--82.24--23-PASS



1-N14--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--59.67--13-PASS



1-N14--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--47.42--13-PASS

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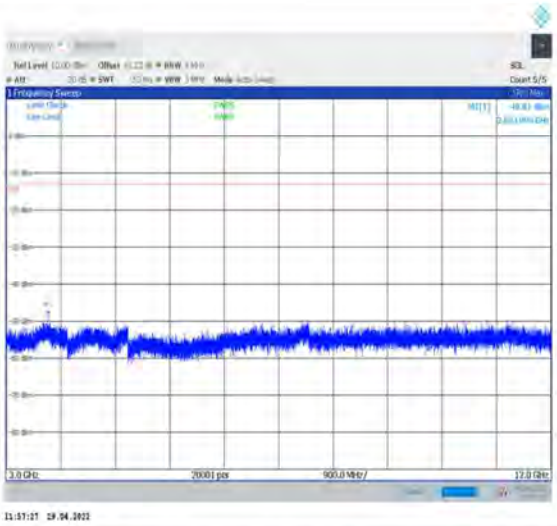	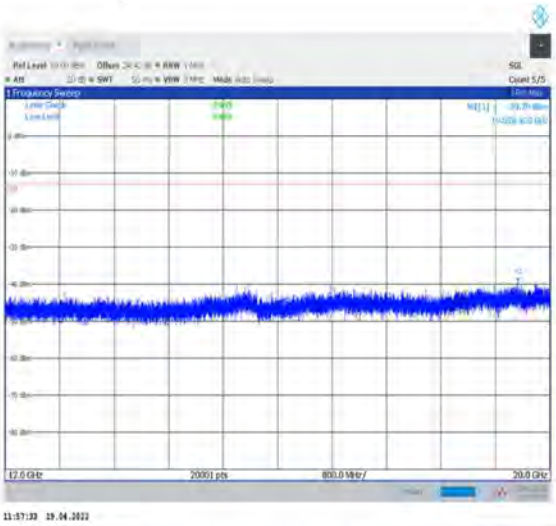
1-N14--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--48.81--13-PASS	1-N14--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1--39.70--13-PASS

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Field Strength of Spurious Radiation

Test Band = SA Band 14 BW 10M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.18	52.77	-118.20	-65.43	-40.00	25.43	263	204	Horizontal
2	2365.77	51.64	-115.23	-63.59	-13.00	50.59	251	3	Horizontal
3	3154.36	50.16	-112.11	-61.95	-13.00	48.95	174	80	Horizontal
4	3942.95	49.61	-110.31	-60.70	-13.00	47.70	186	283	Horizontal
5	4731.54	49.75	-107.87	-58.12	-13.00	45.12	264	0	Horizontal
6	5520.13	50.64	-106.35	-55.71	-13.00	42.71	188	142	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.18	53.85	-118.20	-64.35	-40.00	24.35	162	265	Vertical
2	2408	61.04	-115.07	-54.03	-13.00	41.03	241	234	Vertical
3	3154.36	50.79	-112.11	-61.32	-13.00	48.32	176	139	Vertical
4	3942.95	50.60	-110.31	-59.71	-13.00	46.71	284	359	Vertical
5	4731.54	51.05	-107.87	-56.82	-13.00	43.82	188	123	Vertical
6	5520.13	50.19	-106.35	-56.16	-13.00	43.16	264	77	Vertical

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Test Band = SA Band 14 BW 5M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1576.68	53.23	-118.20	-64.97	-40.00	24.97	142	290	Horizontal
2	2365.02	52.15	-115.23	-63.08	-13.00	50.08	263	120	Horizontal
3	3153.36	52.04	-112.12	-60.08	-13.00	47.08	241	89	Horizontal
4	3941.7	49.66	-110.32	-60.66	-13.00	47.66	117	360	Horizontal
5	4730.04	51.36	-107.88	-56.52	-13.00	43.52	265	151	Horizontal
6	5518.38	50.70	-106.36	-55.66	-13.00	42.66	244	306	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1576.68	53.08	-118.20	-65.12	-40.00	25.12	163	221	Vertical
2	2365.02	53.05	-115.23	-62.18	-13.00	49.18	251	96	Vertical
3	3153.36	51.73	-112.12	-60.39	-13.00	47.39	147	252	Vertical
4	3941.7	50.96	-110.32	-59.36	-13.00	46.36	265	214	Vertical
5	4730.04	49.78	-107.88	-58.10	-13.00	45.10	255	19	Vertical
6	5518.38	50.00	-106.36	-56.36	-13.00	43.36	144	357	Vertical

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Test Band = SA Band 14 BW 5M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1581.68	54.40	-118.19	-63.79	-40.00	23.79	263	77	Horizontal
2	2372.52	51.77	-115.22	-63.45	-13.00	50.45	241	360	Horizontal
3	3163.36	51.20	-112.09	-60.89	-13.00	47.89	175	313	Horizontal
4	3954.2	50.03	-110.28	-60.25	-13.00	47.25	265	125	Horizontal
5	4745.04	51.41	-107.85	-56.44	-13.00	43.44	255	62	Horizontal
6	5535.88	49.88	-106.29	-56.41	-13.00	43.41	147	15	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1581.68	53.48	-118.19	-64.71	-40.00	24.71	142	357	Vertical
2	2372.52	52.15	-115.22	-63.07	-13.00	50.07	263	155	Vertical
3	3163.36	51.28	-112.09	-60.81	-13.00	47.81	241	31	Vertical
4	3931.5556	57.18	-110.34	-53.16	-13.00	40.16	265	76	Vertical
5	4745.04	49.56	-107.85	-58.29	-13.00	45.29	244	16	Vertical
6	5535.88	50.33	-106.29	-55.96	-13.00	42.96	177	265	Vertical

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Test Band = SA Band 14 BW 5M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1586.68	52.00	-118.19	-66.19	-40.00	26.19	142	313	Horizontal
2	2380.02	52.05	-115.20	-63.15	-13.00	50.15	263	108	Horizontal
3	3173.36	50.57	-112.07	-61.50	-13.00	48.50	284	14	Horizontal
4	3966.7	50.53	-110.25	-59.72	-13.00	46.72	176	313	Horizontal
5	4760.04	49.81	-107.82	-58.01	-13.00	45.01	294	172	Horizontal
6	5553.38	49.89	-106.21	-56.32	-13.00	43.32	144	108	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1586.68	52.06	-118.19	-66.13	-40.00	26.13	142	110	Vertical
2	2380.02	51.18	-115.20	-64.02	-13.00	51.02	263	9	Vertical
3	3173.36	50.47	-112.07	-61.60	-13.00	48.60	251	94	Vertical
4	3966.7	49.27	-110.25	-60.98	-13.00	47.98	176	0	Vertical
5	4760.04	49.24	-107.82	-58.58	-13.00	45.58	284	170	Vertical
6	5553.38	50.08	-106.21	-56.13	-13.00	43.13	177	315	Vertical

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N14	15	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	2.500000	0.003153	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	2.500000	0.003153	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	2.600000	0.003279	PASS
N14	15	10	CP-QPSK	M	Outer_Full	VH	NT	5.200000	0.006557	PASS
N14	15	10	CP-QPSK	M	Outer_Full	VN	NT	3.000000	0.003783	PASS
N14	15	10	CP-QPSK	M	Outer_Full	VL	NT	10.400000	0.013115	PASS

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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	1.600000	0.002018	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	3.600000	0.004540	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	3.400000	0.004288	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	1.800000	0.002270	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	3.500000	0.004414	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	2.200000	0.002774	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	4.400000	0.005549	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	4.200000	0.005296	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	5.300000	0.006683	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	-30	2.900000	0.003657	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	-20	5.100000	0.006431	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	-10	5.800000	0.007314	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	0	6.900000	0.008701	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	10	4.500000	0.005675	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	20	2.900000	0.003657	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	30	5.000000	0.006305	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	40	5.100000	0.006431	PASS
N14	15	10	CP-QPSK	M	Outer_Full	NV	50	4.000000	0.005044	PASS

---End of Attachment---

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