

Appendix B.28

NR Band n26(824-849)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N26-824-849	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.12	22.67	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.95	22.5	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	L	Outer_Full	23.92	22.47	38.45	PASS
N26-824-849	15	5	DFT-QPSK	L	Inner_1RB_Left	23.89	22.44	38.45	PASS
N26-824-849	15	5	DFT-QPSK	L	Inner_1RB_Right	23.89	22.44	38.45	PASS
N26-824-849	15	5	DFT-QPSK	L	Outer_Full	23.40	21.95	38.45	PASS
N26-824-849	15	5	DFT-16QAM	L	Inner_1RB_Left	23.35	21.9	38.45	PASS
N26-824-849	15	5	DFT-16QAM	L	Inner_1RB_Right	23.30	21.85	38.45	PASS
N26-824-849	15	5	DFT-16QAM	L	Outer_Full	22.43	20.98	38.45	PASS
N26-824-849	15	5	DFT-64QAM	L	Inner_1RB_Left	22.03	20.58	38.45	PASS
N26-824-849	15	5	DFT-64QAM	L	Inner_1RB_Right	22.01	20.56	38.45	PASS
N26-824-849	15	5	DFT-64QAM	L	Outer_Full	21.91	20.46	38.45	PASS
N26-824-849	15	5	DFT-256QAM	L	Inner_1RB_Left	19.49	18.04	38.45	PASS
N26-824-849	15	5	DFT-256QAM	L	Inner_1RB_Right	19.38	17.93	38.45	PASS
N26-824-849	15	5	DFT-256QAM	L	Outer_Full	19.83	18.38	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.01	22.56	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.05	22.6	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	M	Outer_Full	24.00	22.55	38.45	PASS
N26-824-849	15	5	DFT-QPSK	M	Inner_1RB_Left	23.96	22.51	38.45	PASS
N26-824-849	15	5	DFT-QPSK	M	Inner_1RB_Right	23.94	22.49	38.45	PASS
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	23.21	21.76	38.45	PASS
N26-824-849	15	5	DFT-16QAM	M	Inner_1RB_Left	23.24	21.79	38.45	PASS
N26-824-849	15	5	DFT-16QAM	M	Inner_1RB_Right	23.14	21.69	38.45	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	22.24	20.79	38.45	PASS
N26-824-849	15	5	DFT-64QAM	M	Inner_1RB_Left	22.04	20.59	38.45	PASS
N26-824-849	15	5	DFT-64QAM	M	Inner_1RB_Right	21.83	20.38	38.45	PASS
N26-824-849	15	5	DFT-64QAM	M	Outer_Full	21.72	20.27	38.45	PASS
N26-824-849	15	5	DFT-256QAM	M	Inner_1RB_Left	19.48	18.03	38.45	PASS
N26-824-849	15	5	DFT-256QAM	M	Inner_1RB_Right	19.49	18.04	38.45	PASS
N26-824-849	15	5	DFT-256QAM	M	Outer_Full	19.96	18.51	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.03	22.58	38.45	PASS



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N26-824-849	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.09	22.64	38.45	PASS
N26-824-849	15	5	DFT-PI2BPSK	H	Outer_Full	23.99	22.54	38.45	PASS
N26-824-849	15	5	DFT-QPSK	H	Inner_1RB_Left	24.02	22.57	38.45	PASS
N26-824-849	15	5	DFT-QPSK	H	Inner_1RB_Right	23.67	22.22	38.45	PASS
N26-824-849	15	5	DFT-QPSK	H	Outer_Full	23.05	21.6	38.45	PASS
N26-824-849	15	5	DFT-16QAM	H	Inner_1RB_Left	23.35	21.9	38.45	PASS
N26-824-849	15	5	DFT-16QAM	H	Inner_1RB_Right	22.68	21.23	38.45	PASS
N26-824-849	15	5	DFT-16QAM	H	Outer_Full	22.03	20.58	38.45	PASS
N26-824-849	15	5	DFT-64QAM	H	Inner_1RB_Left	21.95	20.5	38.45	PASS
N26-824-849	15	5	DFT-64QAM	H	Inner_1RB_Right	21.34	19.89	38.45	PASS
N26-824-849	15	5	DFT-64QAM	H	Outer_Full	21.48	20.03	38.45	PASS
N26-824-849	15	5	DFT-256QAM	H	Inner_1RB_Left	19.58	18.13	38.45	PASS
N26-824-849	15	5	DFT-256QAM	H	Inner_1RB_Right	18.96	17.51	38.45	PASS
N26-824-849	15	5	DFT-256QAM	H	Outer_Full	19.85	18.4	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.12	22.67	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.20	22.75	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	L	Outer_Full	24.03	22.58	38.45	PASS
N26-824-849	15	10	DFT-QPSK	L	Inner_1RB_Left	23.94	22.49	38.45	PASS
N26-824-849	15	10	DFT-QPSK	L	Inner_1RB_Right	24.16	22.71	38.45	PASS
N26-824-849	15	10	DFT-QPSK	L	Outer_Full	23.43	21.98	38.45	PASS
N26-824-849	15	10	DFT-16QAM	L	Inner_1RB_Left	23.41	21.96	38.45	PASS
N26-824-849	15	10	DFT-16QAM	L	Inner_1RB_Right	23.45	22	38.45	PASS
N26-824-849	15	10	DFT-16QAM	L	Outer_Full	22.40	20.95	38.45	PASS
N26-824-849	15	10	DFT-64QAM	L	Inner_1RB_Left	22.08	20.63	38.45	PASS
N26-824-849	15	10	DFT-64QAM	L	Inner_1RB_Right	22.19	20.74	38.45	PASS
N26-824-849	15	10	DFT-64QAM	L	Outer_Full	21.92	20.47	38.45	PASS
N26-824-849	15	10	DFT-256QAM	L	Inner_1RB_Left	19.32	17.87	38.45	PASS
N26-824-849	15	10	DFT-256QAM	L	Inner_1RB_Right	19.49	18.04	38.45	PASS
N26-824-849	15	10	DFT-256QAM	L	Outer_Full	19.93	18.48	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.18	22.73	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.27	22.82	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Outer_Full	24.06	22.61	38.45	PASS
N26-824-849	15	10	DFT-QPSK	M	Inner_1RB_Left	24.08	22.63	38.45	PASS
N26-824-849	15	10	DFT-QPSK	M	Inner_1RB_Right	24.20	22.75	38.45	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	23.20	21.75	38.45	PASS
N26-824-849	15	10	DFT-16QAM	M	Inner_1RB_Left	23.35	21.9	38.45	PASS
N26-824-849	15	10	DFT-16QAM	M	Inner_1RB_Right	23.30	21.85	38.45	PASS



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N26-824-849	15	10	DFT-16QAM	M	Outer_Full	22.39	20.94	38.45	PASS
N26-824-849	15	10	DFT-64QAM	M	Inner_1RB_Left	21.99	20.54	38.45	PASS
N26-824-849	15	10	DFT-64QAM	M	Inner_1RB_Right	21.90	20.45	38.45	PASS
N26-824-849	15	10	DFT-64QAM	M	Outer_Full	21.92	20.47	38.45	PASS
N26-824-849	15	10	DFT-256QAM	M	Inner_1RB_Left	19.28	17.83	38.45	PASS
N26-824-849	15	10	DFT-256QAM	M	Inner_1RB_Right	19.44	17.99	38.45	PASS
N26-824-849	15	10	DFT-256QAM	M	Outer_Full	19.91	18.46	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.20	22.75	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.22	22.77	38.45	PASS
N26-824-849	15	10	DFT-PI2BPSK	H	Outer_Full	24.12	22.67	38.45	PASS
N26-824-849	15	10	DFT-QPSK	H	Inner_1RB_Left	24.15	22.7	38.45	PASS
N26-824-849	15	10	DFT-QPSK	H	Inner_1RB_Right	23.44	21.99	38.45	PASS
N26-824-849	15	10	DFT-QPSK	H	Outer_Full	23.08	21.63	38.45	PASS
N26-824-849	15	10	DFT-16QAM	H	Inner_1RB_Left	23.28	21.83	38.45	PASS
N26-824-849	15	10	DFT-16QAM	H	Inner_1RB_Right	22.46	21.01	38.45	PASS
N26-824-849	15	10	DFT-16QAM	H	Outer_Full	22.06	20.61	38.45	PASS
N26-824-849	15	10	DFT-64QAM	H	Inner_1RB_Left	21.93	20.48	38.45	PASS
N26-824-849	15	10	DFT-64QAM	H	Inner_1RB_Right	21.09	19.64	38.45	PASS
N26-824-849	15	10	DFT-64QAM	H	Outer_Full	21.60	20.15	38.45	PASS
N26-824-849	15	10	DFT-256QAM	H	Inner_1RB_Left	19.46	18.01	38.45	PASS
N26-824-849	15	10	DFT-256QAM	H	Inner_1RB_Right	18.80	17.35	38.45	PASS
N26-824-849	15	10	DFT-256QAM	H	Outer_Full	19.88	18.43	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.17	22.72	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.28	22.83	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	L	Outer_Full	23.94	22.49	38.45	PASS
N26-824-849	15	15	DFT-QPSK	L	Inner_1RB_Left	23.89	22.44	38.45	PASS
N26-824-849	15	15	DFT-QPSK	L	Inner_1RB_Right	24.11	22.66	38.45	PASS
N26-824-849	15	15	DFT-QPSK	L	Outer_Full	23.52	22.07	38.45	PASS
N26-824-849	15	15	DFT-16QAM	L	Inner_1RB_Left	23.39	21.94	38.45	PASS
N26-824-849	15	15	DFT-16QAM	L	Inner_1RB_Right	23.48	22.03	38.45	PASS
N26-824-849	15	15	DFT-16QAM	L	Outer_Full	22.42	20.97	38.45	PASS
N26-824-849	15	15	DFT-64QAM	L	Inner_1RB_Left	22.11	20.66	38.45	PASS
N26-824-849	15	15	DFT-64QAM	L	Inner_1RB_Right	22.07	20.62	38.45	PASS
N26-824-849	15	15	DFT-64QAM	L	Outer_Full	21.95	20.5	38.45	PASS
N26-824-849	15	15	DFT-256QAM	L	Inner_1RB_Left	19.33	17.88	38.45	PASS
N26-824-849	15	15	DFT-256QAM	L	Inner_1RB_Right	19.49	18.04	38.45	PASS
N26-824-849	15	15	DFT-256QAM	L	Outer_Full	19.87	18.42	38.45	PASS



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N26-824-849	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.10	22.65	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.27	22.82	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	M	Outer_Full	23.97	22.52	38.45	PASS
N26-824-849	15	15	DFT-QPSK	M	Inner_1RB_Left	23.96	22.51	38.45	PASS
N26-824-849	15	15	DFT-QPSK	M	Inner_1RB_Right	24.18	22.73	38.45	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	23.45	22	38.45	PASS
N26-824-849	15	15	DFT-16QAM	M	Inner_1RB_Left	23.37	21.92	38.45	PASS
N26-824-849	15	15	DFT-16QAM	M	Inner_1RB_Right	23.46	22.01	38.45	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	22.56	21.11	38.45	PASS
N26-824-849	15	15	DFT-64QAM	M	Inner_1RB_Left	22.05	20.6	38.45	PASS
N26-824-849	15	15	DFT-64QAM	M	Inner_1RB_Right	21.98	20.53	38.45	PASS
N26-824-849	15	15	DFT-64QAM	M	Outer_Full	22.05	20.6	38.45	PASS
N26-824-849	15	15	DFT-256QAM	M	Inner_1RB_Left	19.27	17.82	38.45	PASS
N26-824-849	15	15	DFT-256QAM	M	Inner_1RB_Right	19.56	18.11	38.45	PASS
N26-824-849	15	15	DFT-256QAM	M	Outer_Full	19.86	18.41	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.19	22.74	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.28	22.83	38.45	PASS
N26-824-849	15	15	DFT-PI2BPSK	H	Outer_Full	24.07	22.62	38.45	PASS
N26-824-849	15	15	DFT-QPSK	H	Inner_1RB_Left	24.10	22.65	38.45	PASS
N26-824-849	15	15	DFT-QPSK	H	Inner_1RB_Right	23.64	22.19	38.45	PASS
N26-824-849	15	15	DFT-QPSK	H	Outer_Full	23.25	21.8	38.45	PASS
N26-824-849	15	15	DFT-16QAM	H	Inner_1RB_Left	23.45	22	38.45	PASS
N26-824-849	15	15	DFT-16QAM	H	Inner_1RB_Right	22.65	21.2	38.45	PASS
N26-824-849	15	15	DFT-16QAM	H	Outer_Full	22.36	20.91	38.45	PASS
N26-824-849	15	15	DFT-64QAM	H	Inner_1RB_Left	22.05	20.6	38.45	PASS
N26-824-849	15	15	DFT-64QAM	H	Inner_1RB_Right	21.30	19.85	38.45	PASS
N26-824-849	15	15	DFT-64QAM	H	Outer_Full	21.74	20.29	38.45	PASS
N26-824-849	15	15	DFT-256QAM	H	Inner_1RB_Left	19.30	17.85	38.45	PASS
N26-824-849	15	15	DFT-256QAM	H	Inner_1RB_Right	19.05	17.6	38.45	PASS
N26-824-849	15	15	DFT-256QAM	H	Outer_Full	19.83	18.38	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.10	22.65	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.13	22.68	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	L	Outer_Full	23.88	22.43	38.45	PASS
N26-824-849	15	20	DFT-QPSK	L	Inner_1RB_Left	24.02	22.57	38.45	PASS
N26-824-849	15	20	DFT-QPSK	L	Inner_1RB_Right	24.04	22.59	38.45	PASS
N26-824-849	15	20	DFT-QPSK	L	Outer_Full	23.41	21.96	38.45	PASS
N26-824-849	15	20	DFT-16QAM	L	Inner_1RB_Left	23.25	21.8	38.45	PASS



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Table with 10 columns: ID, Lot, Qty, Test Item, Method, Location, Result 1, Result 2, Result 3, Status. Contains 43 rows of test data for various modulation schemes like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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N26-824-849	15	20	DFT-256QAM	H	Outer_Full	20.02	18.57	38.45	PASS
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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N26-824-849	15	20	DFT-256QAM	L	Outer_Full	6.75	13	PASS
N26-824-849	15	20	CP-256QAM	L	Outer_Full	8.61	13	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	6.74	13	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	8.61	13	PASS
N26-824-849	15	20	DFT-256QAM	H	Outer_Full	6.74	13	PASS
N26-824-849	15	20	CP-256QAM	H	Outer_Full	8.63	13	PASS



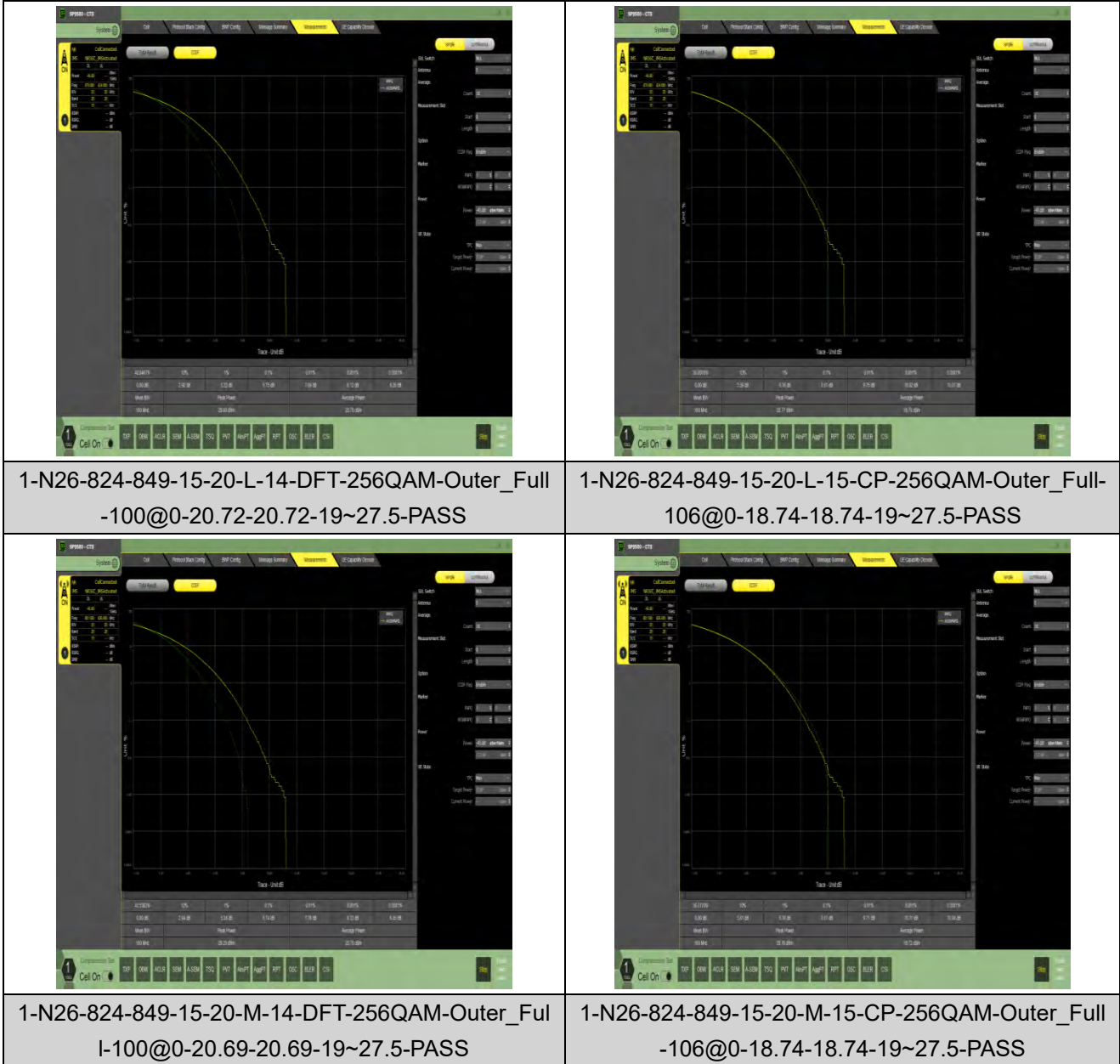
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Test Graphs



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1-N26-824-849-15-20-H-14-DFT-256QAM-Outer_Full
-100@0-20.66-20.66-19~27.5-PASS

1-N26-824-849-15-20-H-15-CP-256QAM-Outer_Full
-106@0-18.74-18.74-19~27.5-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
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	4.465	5.080	PASS
N26-824-849	15	5	DFT-PI2BPSK	M	Outer_Full	4.496	5.020	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	4.521	5.150	PASS
N26-824-849	15	5	DFT-64QAM	M	Outer_Full	4.474	5.040	PASS
N26-824-849	15	5	DFT-256QAM	M	Outer_Full	4.505	5.010	PASS
N26-824-849	15	5	CP-QPSK	M	Outer_Full	4.502	5.310	PASS
N26-824-849	15	5	CP-16QAM	M	Outer_Full	4.52	5.250	PASS
N26-824-849	15	5	CP-64QAM	M	Outer_Full	4.489	5.070	PASS
N26-824-849	15	5	CP-256QAM	M	Outer_Full	4.475	5.120	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	8.934	9.700	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Outer_Full	8.915	9.520	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	8.951	9.660	PASS
N26-824-849	15	10	DFT-64QAM	M	Outer_Full	8.94	9.480	PASS
N26-824-849	15	10	DFT-256QAM	M	Outer_Full	8.913	9.600	PASS
N26-824-849	15	10	CP-QPSK	M	Outer_Full	9.278	10.060	PASS
N26-824-849	15	10	CP-16QAM	M	Outer_Full	9.292	10.040	PASS
N26-824-849	15	10	CP-64QAM	M	Outer_Full	9.285	9.860	PASS
N26-824-849	15	10	CP-256QAM	M	Outer_Full	9.3	10.120	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	13.49	14.460	PASS
N26-824-849	15	15	DFT-PI2BPSK	M	Outer_Full	13.475	14.250	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	13.505	14.460	PASS
N26-824-849	15	15	DFT-64QAM	M	Outer_Full	13.476	14.550	PASS
N26-824-849	15	15	DFT-256QAM	M	Outer_Full	13.479	14.370	PASS
N26-824-849	15	15	CP-QPSK	M	Outer_Full	14.141	15.300	PASS
N26-824-849	15	15	CP-16QAM	M	Outer_Full	14.213	15.270	PASS
N26-824-849	15	15	CP-64QAM	M	Outer_Full	14.154	15.270	PASS
N26-824-849	15	15	CP-256QAM	M	Outer_Full	14.143	15.090	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	17.924	18.960	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	17.907	19.080	PASS



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N26-824-849	15	20	DFT-16QAM	M	Outer_Full	17.876	18.800	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	17.955	19.160	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	17.912	18.840	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	18.948	20.320	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	18.934	20.000	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	18.937	20.080	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	18.899	20.040	PASS

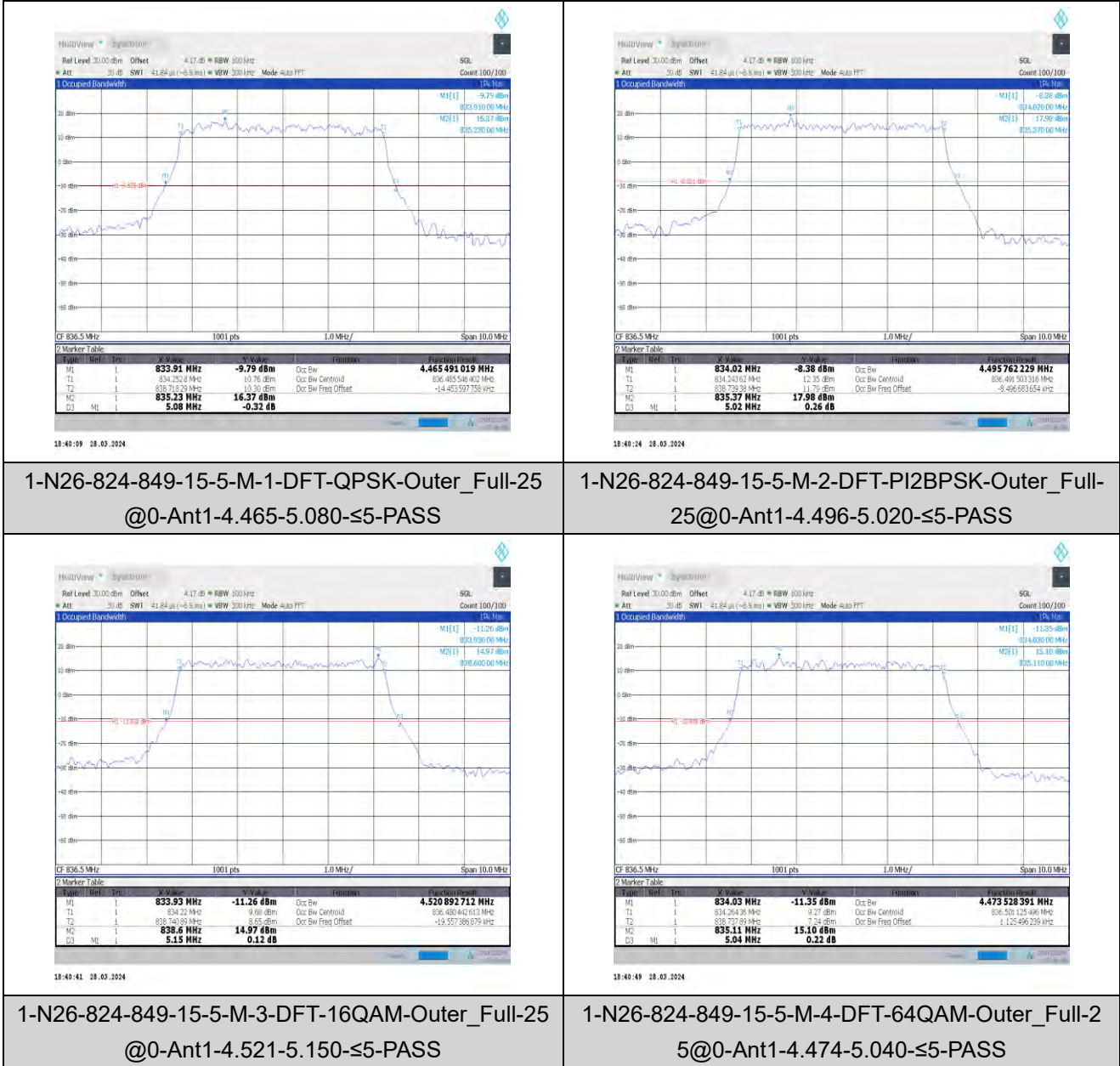


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Test Graphs

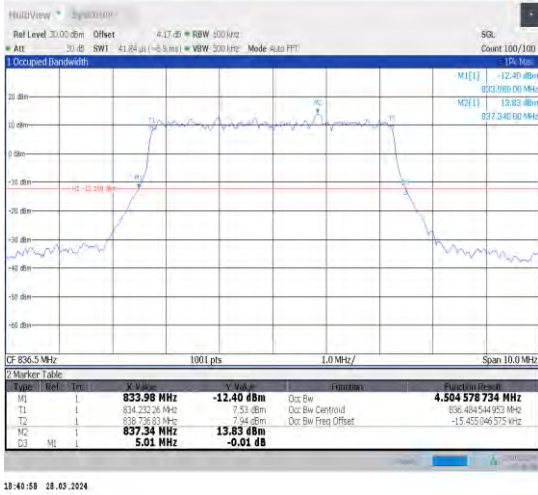


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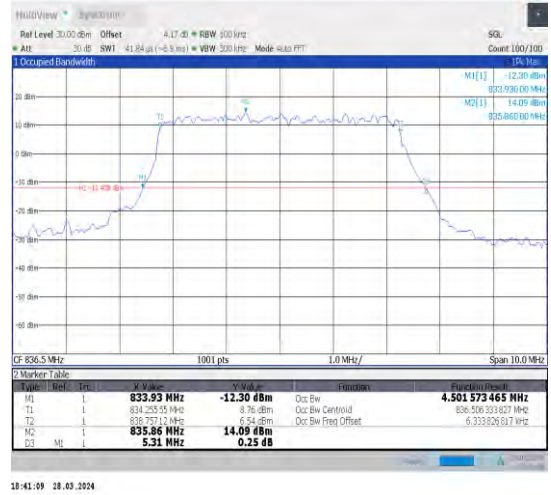
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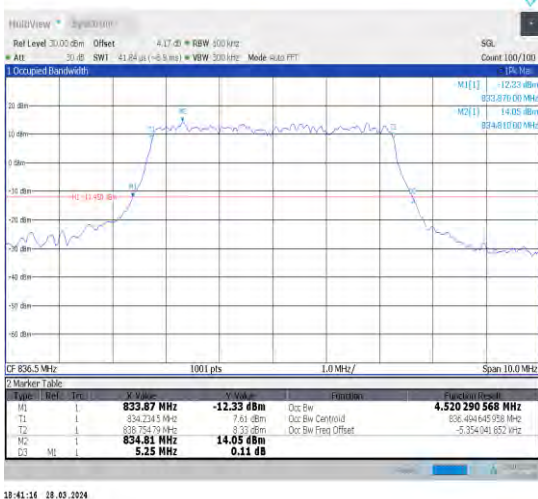
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1-N26-824-849-15-5-M-5-DFT-256QAM-Outer_Full-2@0-Ant1-4.505-5.010-≤5-PASS



1-N26-824-849-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.502-5.310-≤5-PASS



1-N26-824-849-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.52-5.250-≤5-PASS



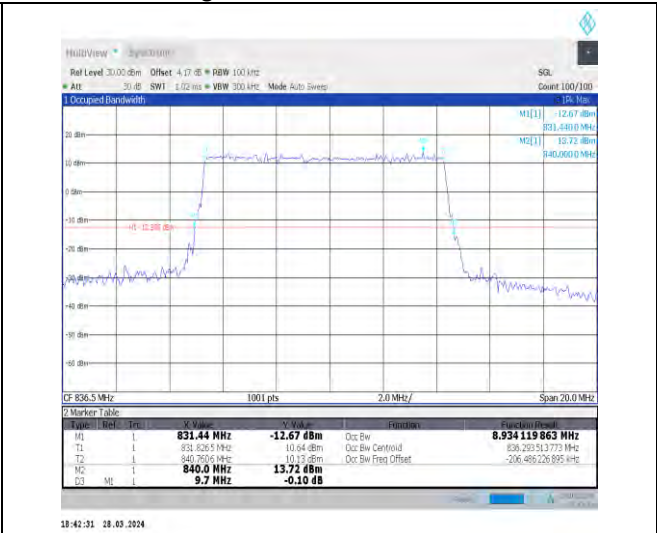
1-N26-824-849-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.489-5.070-≤5-PASS



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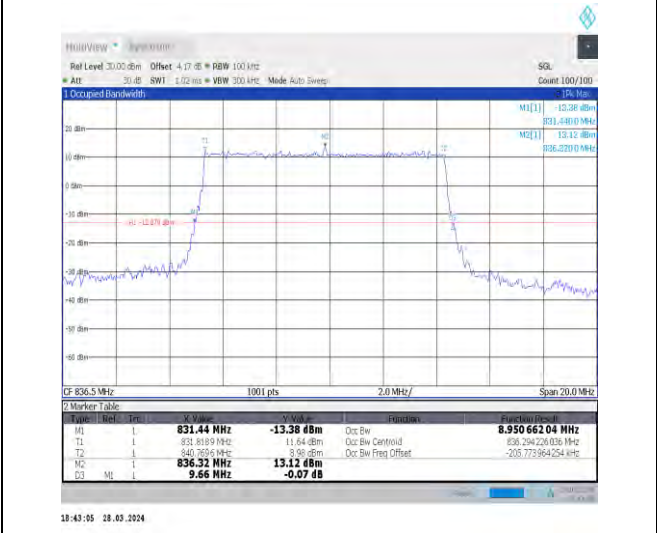
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1-N26-824-849-15-5-M-9-CP-256QAM-Outer_Full-25 @0-Ant1-4.475-5.120-≤5-PASS

1-N26-824-849-15-10-M-1-DFT-QPSK-Outer_Full-50 @0-Ant1-8.934-9.700-≤10-PASS



1-N26-824-849-15-10-M-2-DFT-PI2BPSK-Outer_Full-50 @0-Ant1-8.915-9.520-≤10-PASS

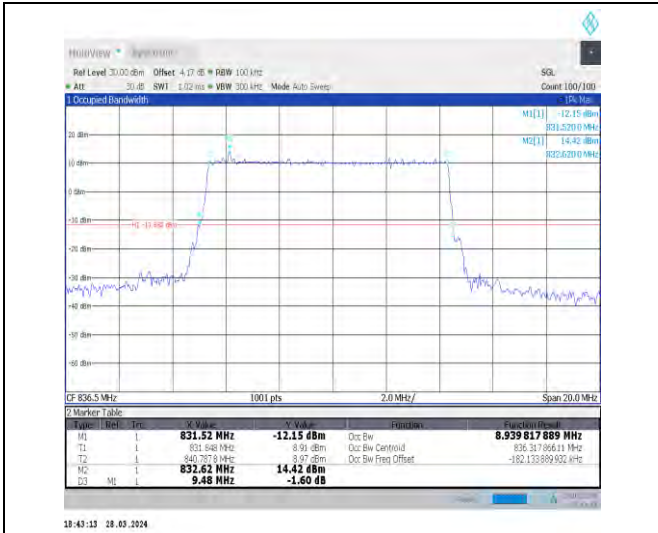
1-N26-824-849-15-10-M-3-DFT-16QAM-Outer_Full-50 @0-Ant1-8.951-9.660-≤10-PASS



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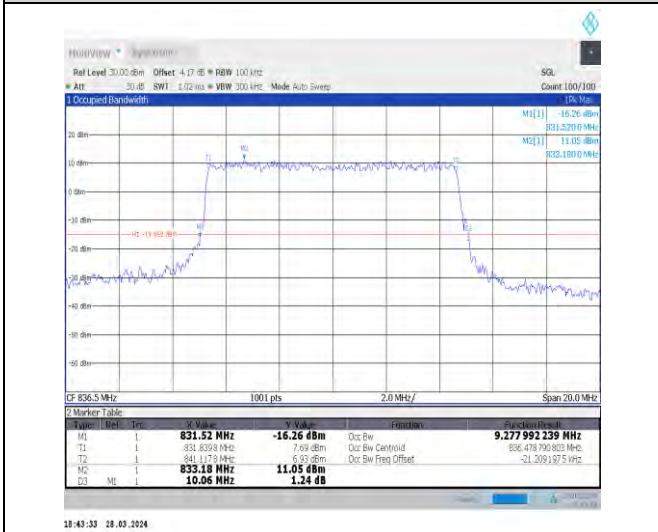
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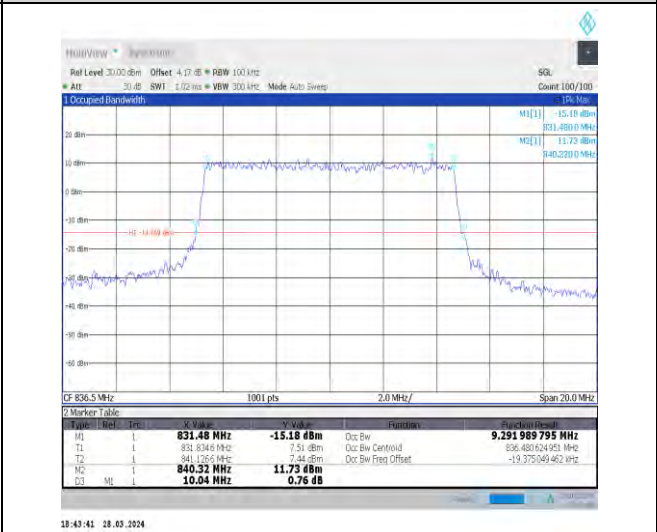
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1-N26-824-849-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.913-9.600-≤10-PASS



1-N26-824-849-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.278-10.060-≤10-PASS



1-N26-824-849-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.292-10.040-≤10-PASS



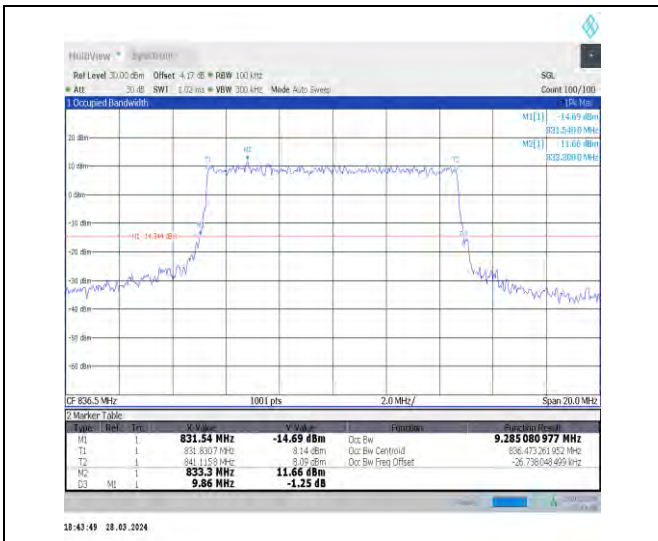
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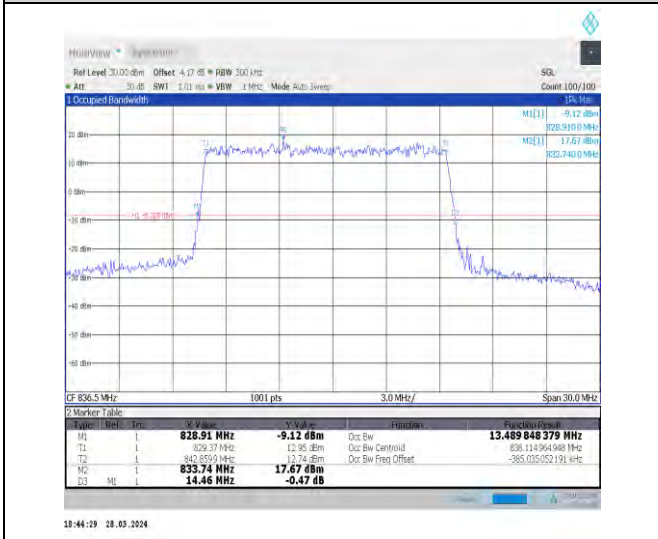
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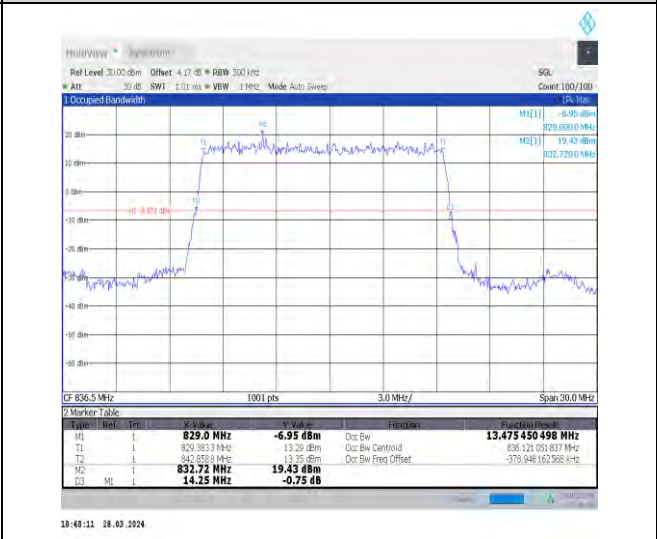
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1-N26-824-849-15-10-M-9-CP-256QAM-Outer_Full-52 @0-Ant1-9.3-10.120-≤10-PASS



1-N26-824-849-15-15-M-1-DFT-QPSK-Outer_Full-75 @0-Ant1-13.49-14.460-≤15-PASS



1-N26-824-849-15-15-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-13.475-14.250-≤15-PASS



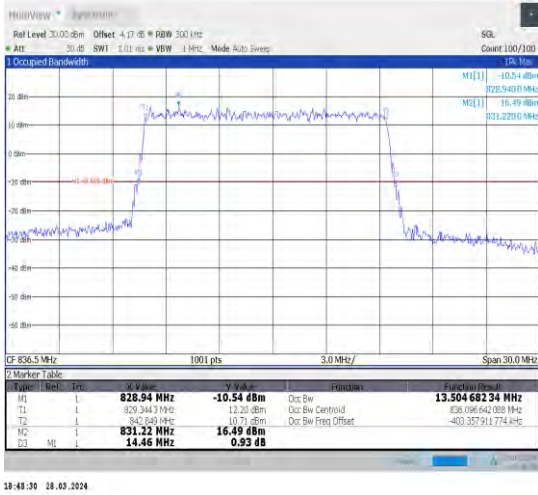
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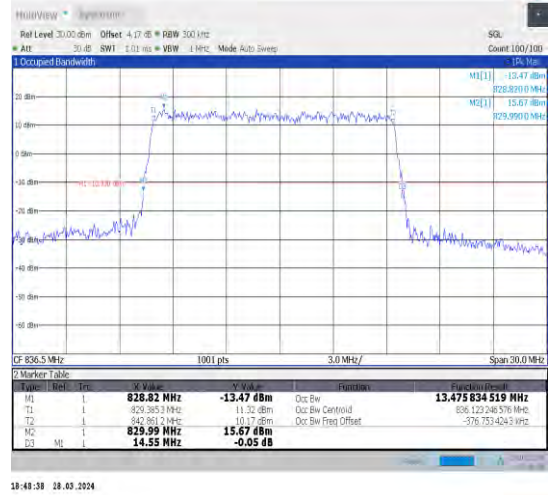
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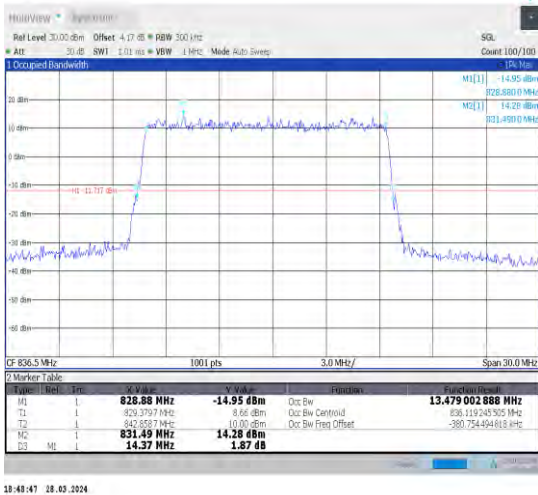
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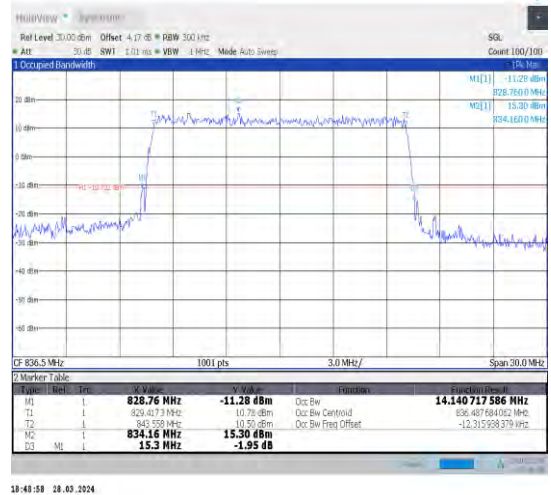
1-N26-824-849-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.505-14.460-≤15-PASS



1-N26-824-849-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.476-14.550-≤15-PASS



1-N26-824-849-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.479-14.370-≤15-PASS



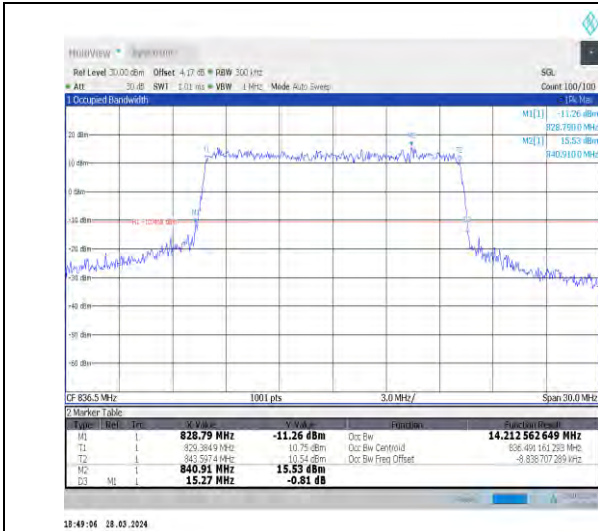
1-N26-824-849-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.141-15.300-≤15-PASS



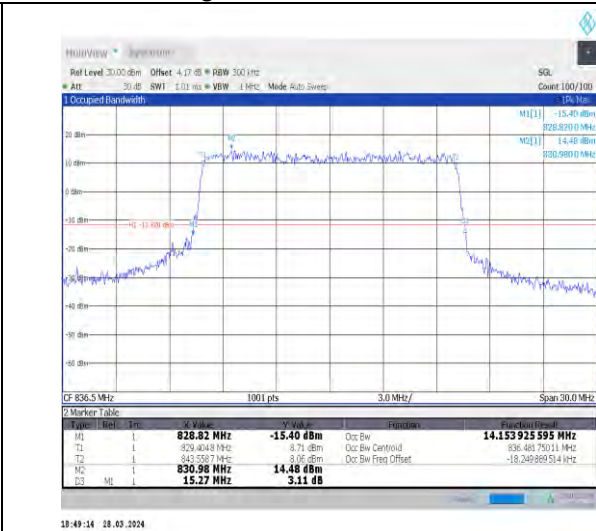
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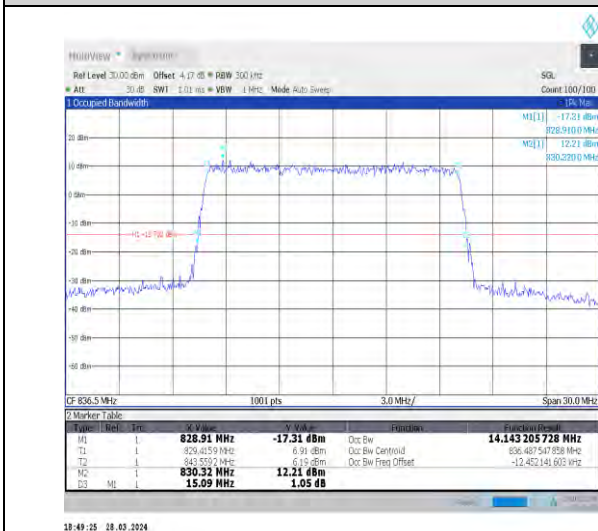
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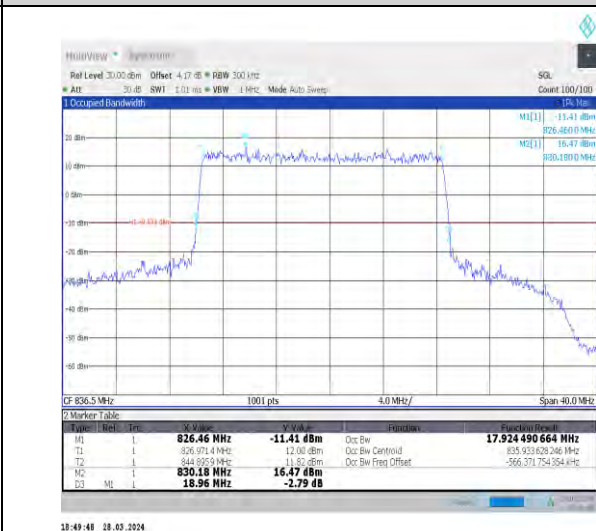
1-N26-824-849-15-15-M-7-CP-16QAM-Outer_Full-79
@0-Ant1-14.213-15.270-≤15-PASS



1-N26-824-849-15-15-M-8-CP-64QAM-Outer_Full-7
9@0-Ant1-14.154-15.270-≤15-PASS



1-N26-824-849-15-15-M-9-CP-256QAM-Outer_Full-7
9@0-Ant1-14.143-15.090-≤15-PASS



1-N26-824-849-15-20-M-1-DFT-QPSK-Outer_Full-10
0@0-Ant1-17.924-18.960-≤20-PASS



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1-N26-824-849-15-20-M-2-DFT-PI2BPSK-Outer_Full
-100@0-Ant1-17.907-19.080-≤20-PASS

1-N26-824-849-15-20-M-3-DFT-16QAM-Outer_Full
-100@0-Ant1-17.876-18.800-≤20-PASS



1-N26-824-849-15-20-M-4-DFT-64QAM-Outer_Full-1
00@0-Ant1-17.955-19.160-≤20-PASS

1-N26-824-849-15-20-M-5-DFT-256QAM-Outer_Full
-100@0-Ant1-17.912-18.840-≤20-PASS



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1-N26-824-849-15-20-M-6-CP-QPSK-Outer_Full-106 @0-Ant1-18.948-20.320-≤20-PASS



1-N26-824-849-15-20-M-7-CP-16QAM-Outer_Full-106 @0-Ant1-18.934-20.000-≤20-PASS



1-N26-824-849-15-20-M-8-CP-64QAM-Outer_Full-106 @0-Ant1-18.937-20.080-≤20-PASS



1-N26-824-849-15-20-M-9-CP-256QAM-Outer_Full-106 @0-Ant1-18.899-20.040-≤20-PASS



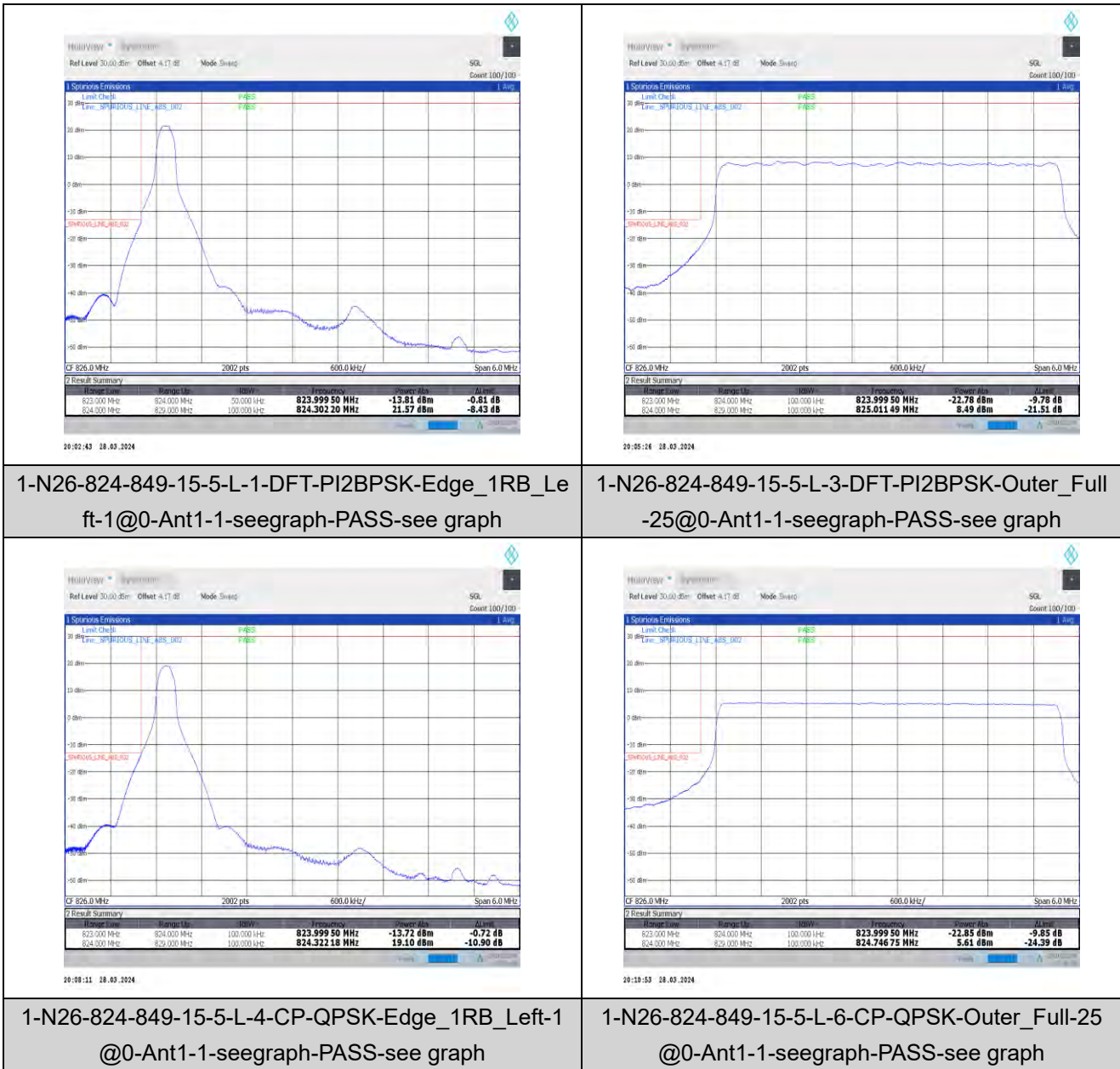
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Band Edge for SA

Test Graphs



1-N26-824-849-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Le ft-1@0-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-5-L-3-DFT-PI2BPSK-Outer_Full -25@0-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-5-L-4-CP-QPSK-Edge_1RB_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-5-L-6-CP-QPSK-Outer_Full-25 @0-Ant1-1-seegraph-PASS-see graph



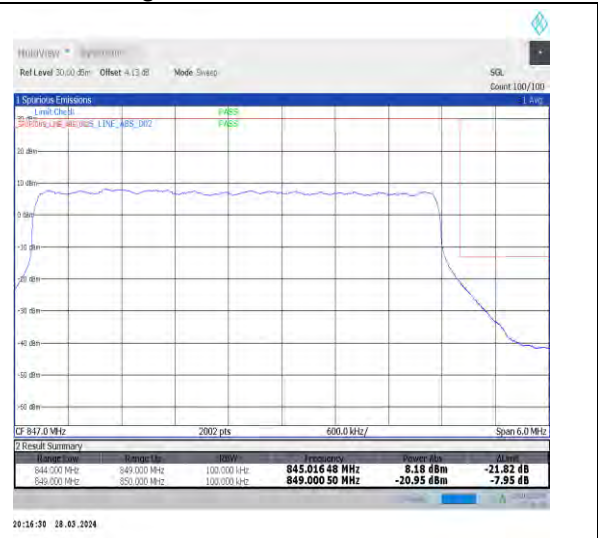
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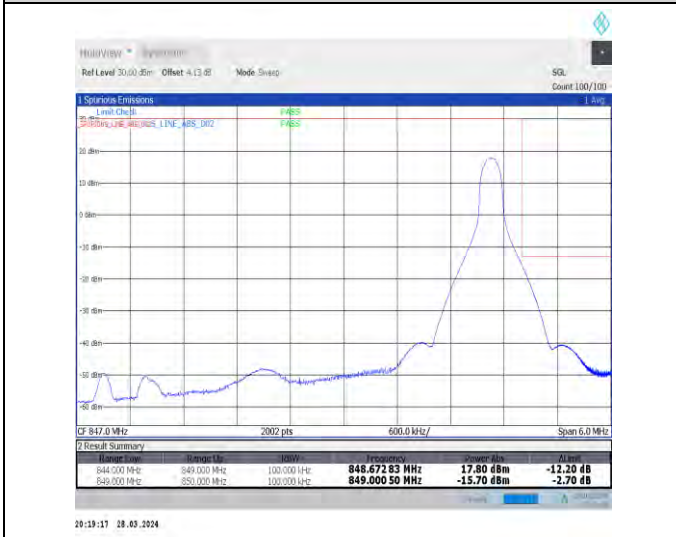
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1-N26-824-849-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Ri ght-1@24-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-5-H-3-DFT-PI2BPSK-Outer_Ful l-25@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-5-H-5-CP-QPSK-Edge_1RB_Righ t-1@24-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-5-H-6-CP-QPSK-Outer_Full-25 @0-Ant1-1-seegraph-PASS-see graph



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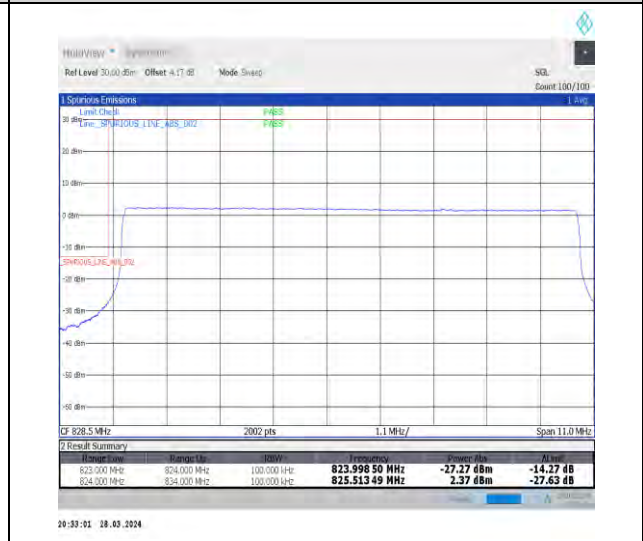
1-N26-824-849-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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1-N26-824-849-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

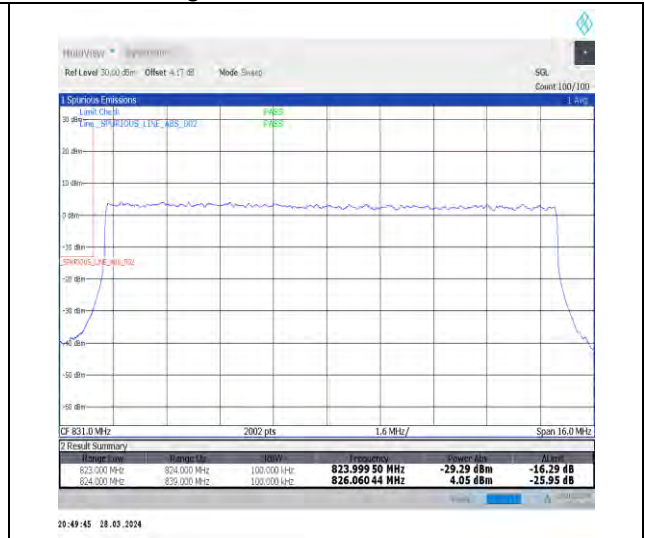
1-N26-824-849-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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1-N26-824-849-15-15-L-1-DFT-PI2BPSK-Edge_1RB_L-1@0-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

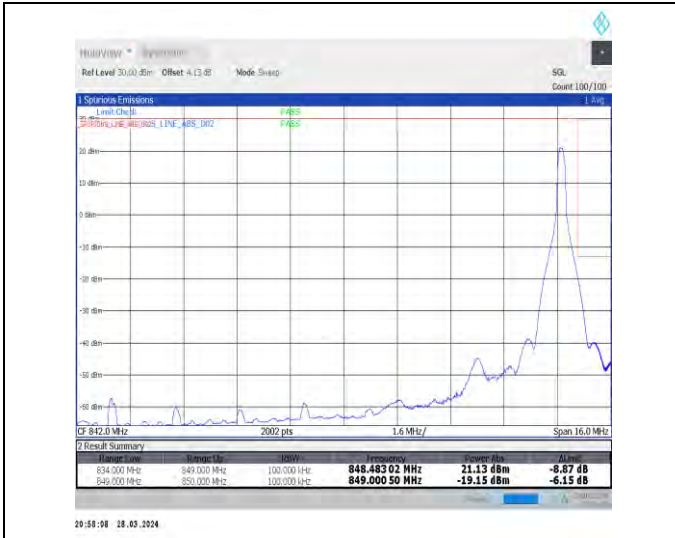
1-N26-824-849-15-15-L-6-CP-QPSK-Outer_Full-9@0-Ant1-1-seegraph-PASS-see graph



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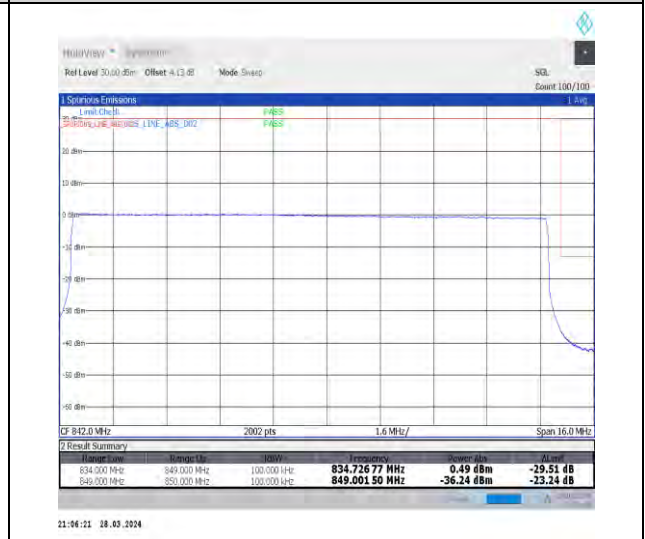
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1-N26-824-849-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

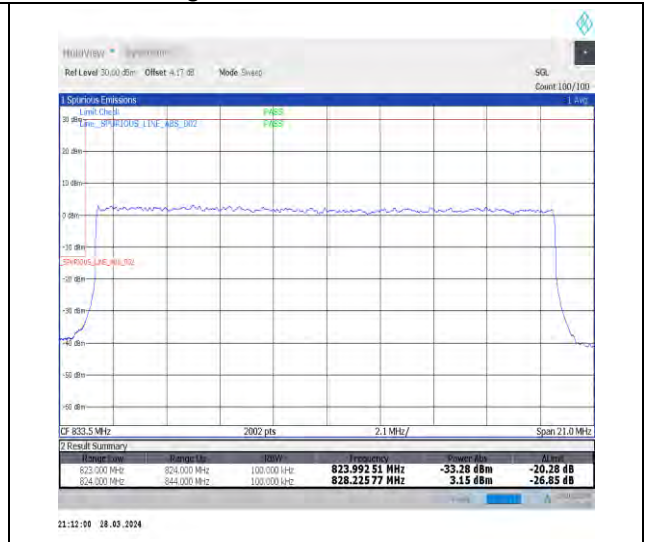
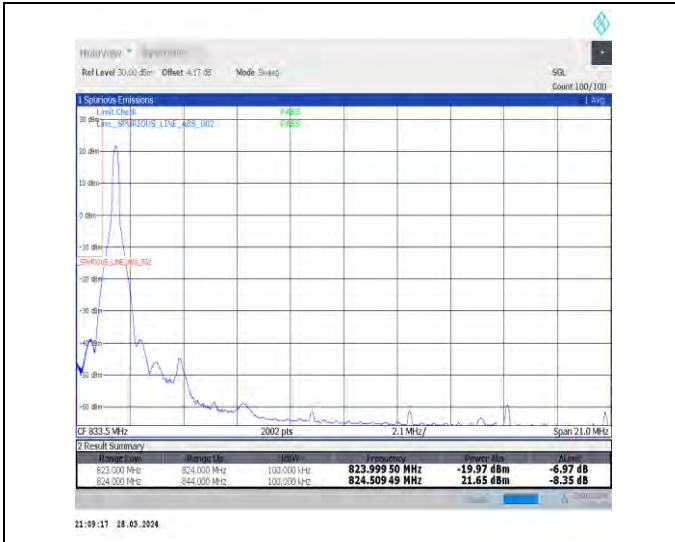
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1-N26-824-849-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

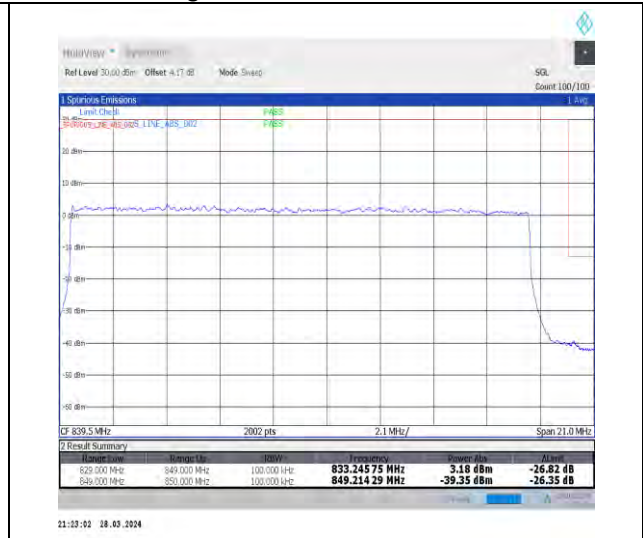
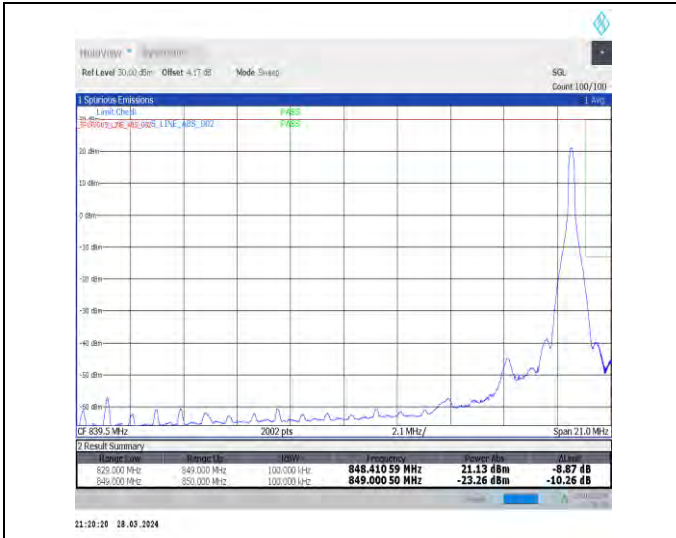
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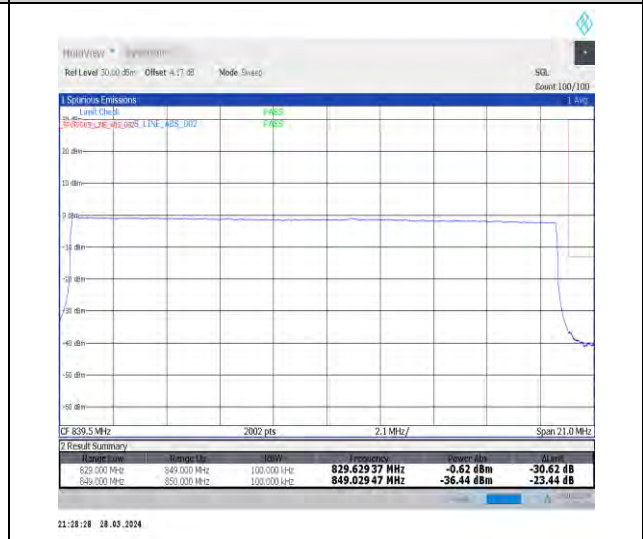
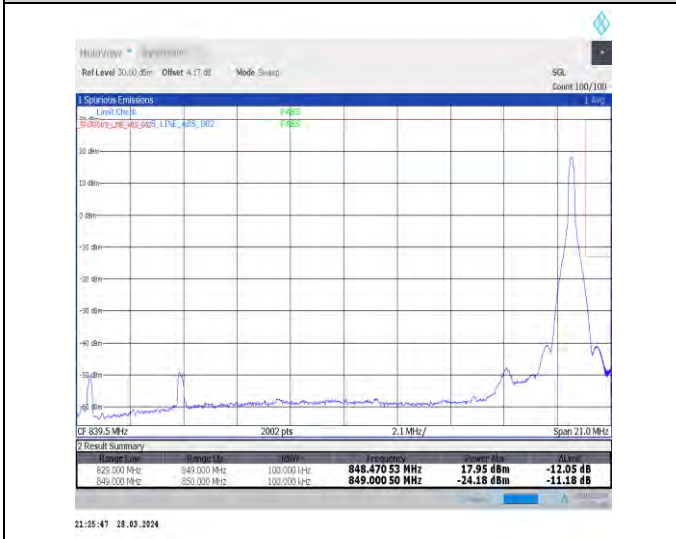
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1-N26-824-849-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N26-824-849-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N26-824-849-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



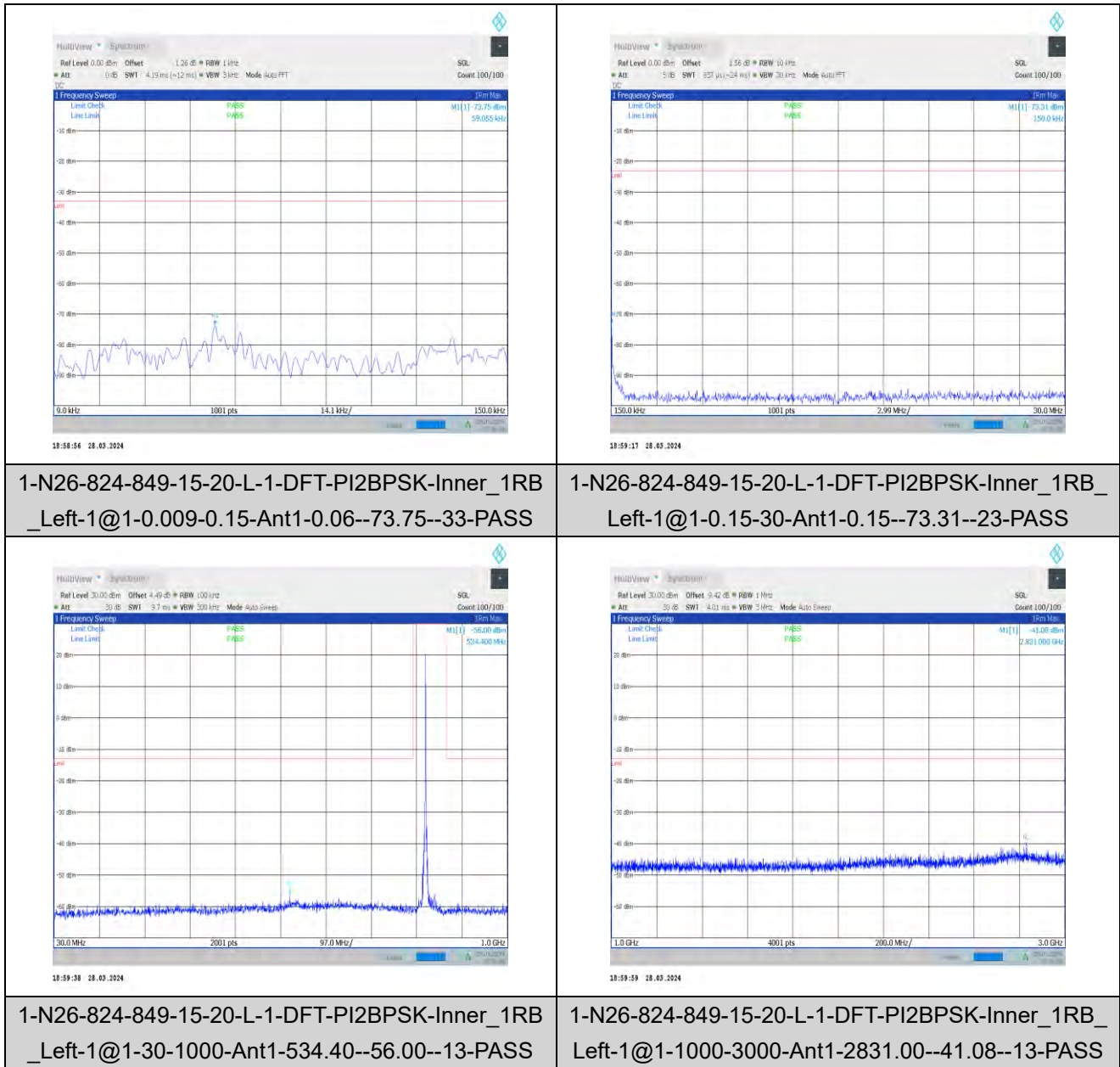
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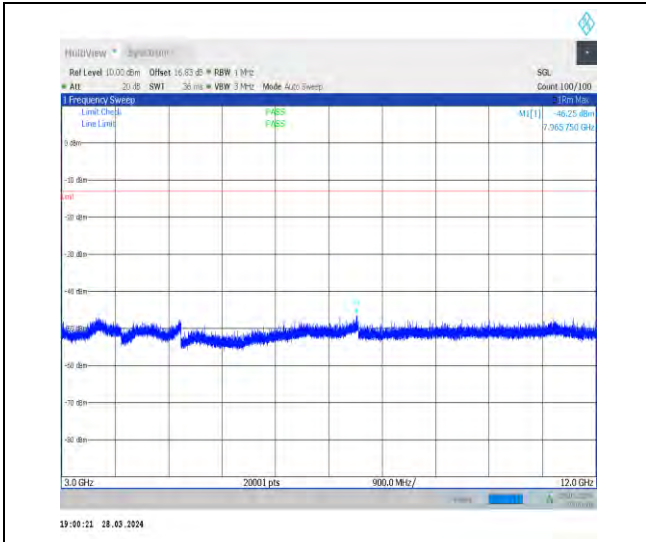
Test Graphs



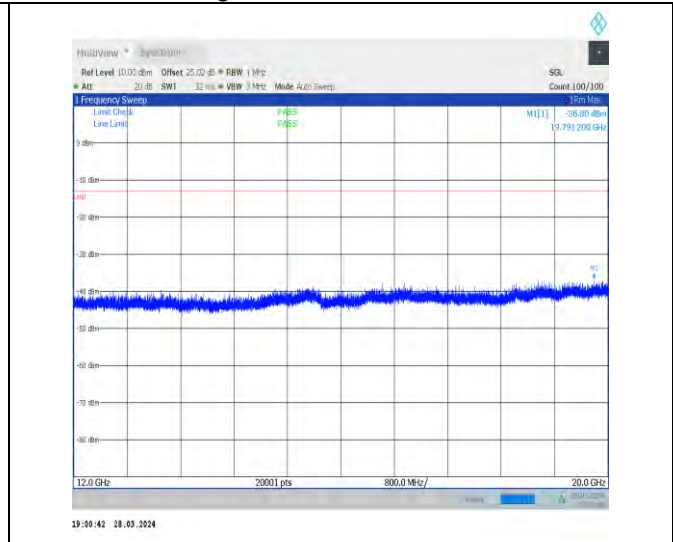
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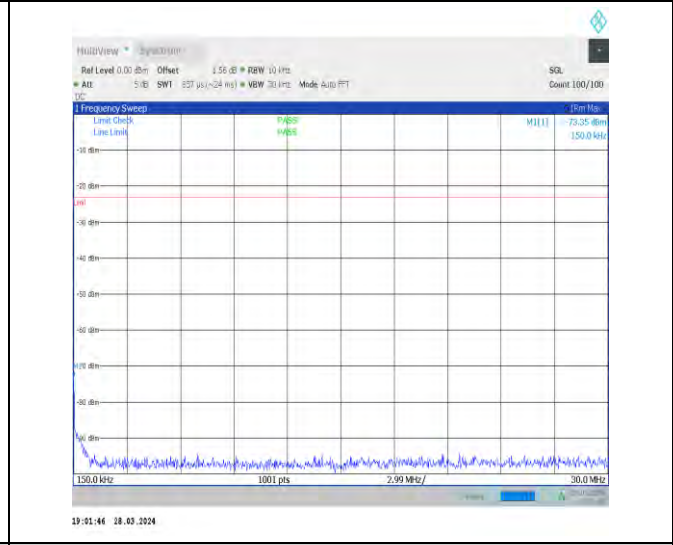
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SS



1-N26-824-849-15-20-L-1-DFT-PI2BPSK-Inner_1RB
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SS



1-N26-824-849-15-20-M-1-DFT-PI2BPSK-Inner_1R
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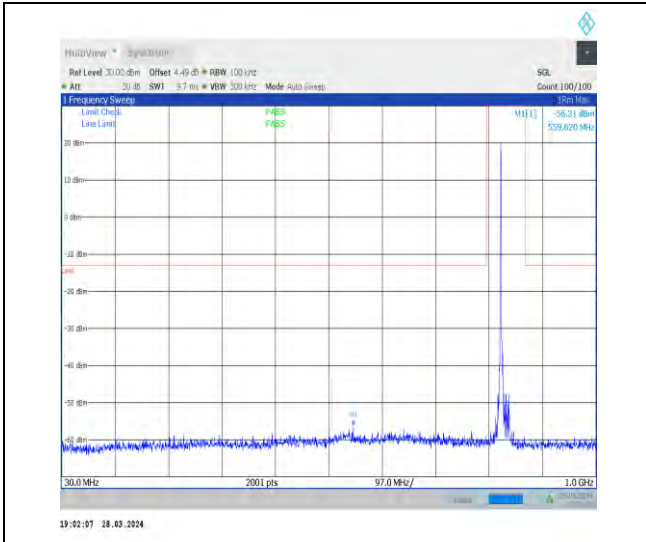
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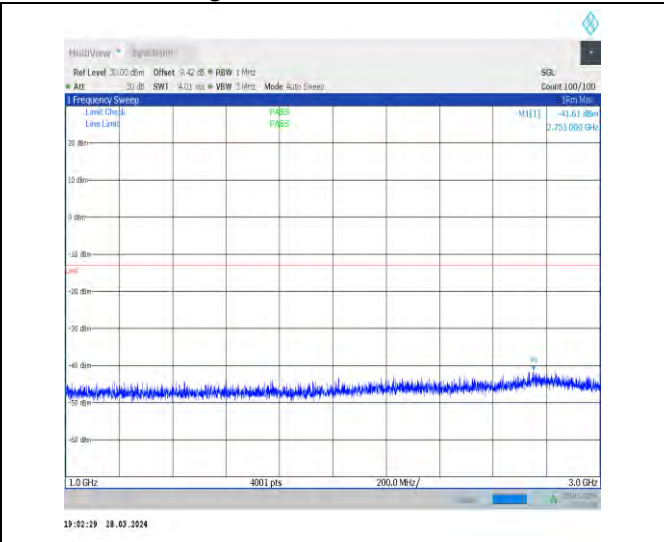
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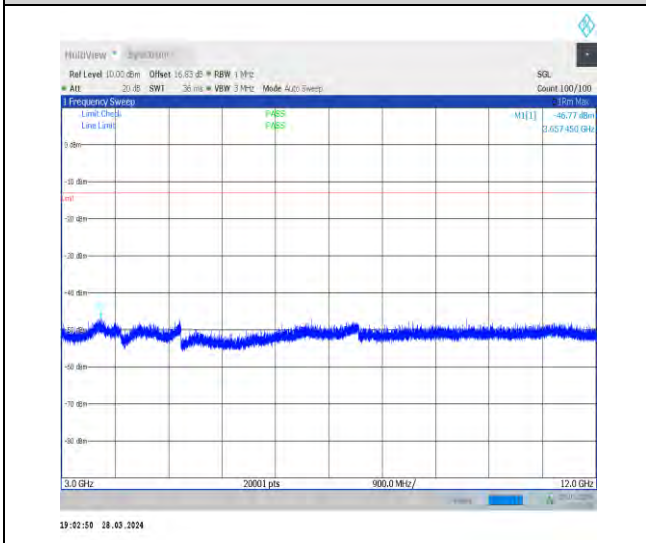
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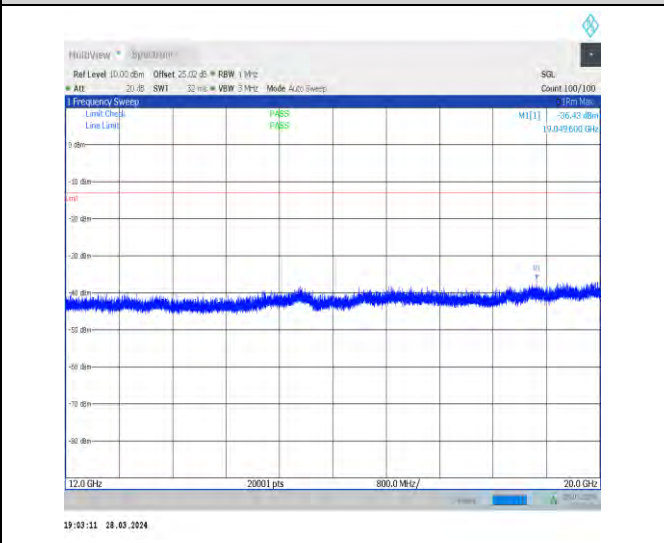
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1-N26-824-849-15-20-M-1-DFT-PI2BPSK-Inner_1RB
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S



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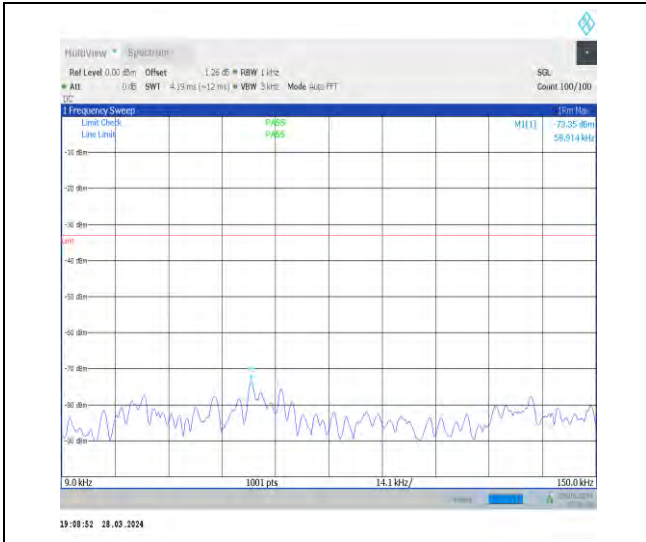
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ASS



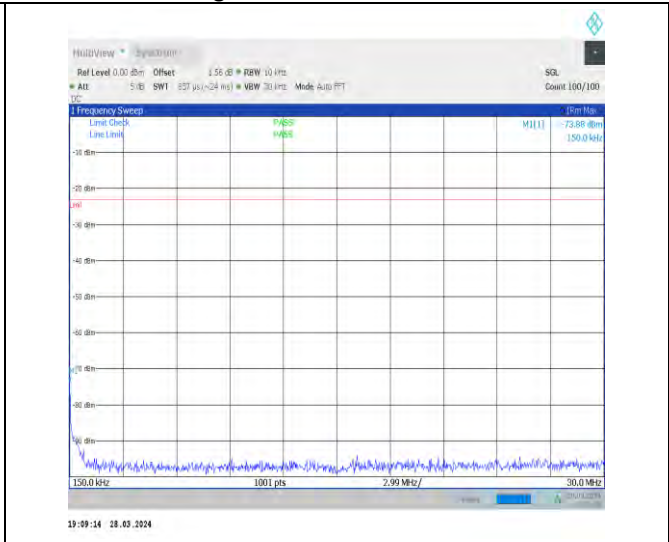
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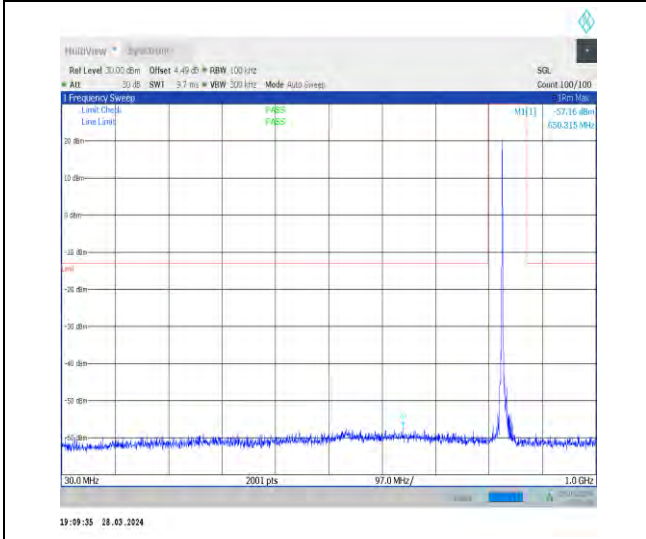
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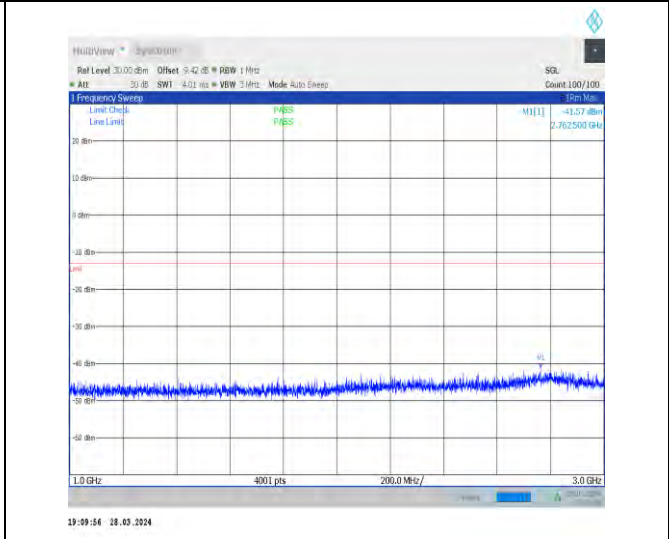
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B_Left-1@1-0.009-0.15-Ant1-0.06--73.35--33-PASS



1-N26-824-849-15-20-H-1-DFT-PI2BPSK-Inner_1RB
_Left-1@1-0.15-30-Ant1-0.15--73.88--23-PASS



1-N26-824-849-15-20-H-1-DFT-PI2BPSK-Inner_1R
B_Left-1@1-30-1000-Ant1-650.32--57.16--13-PASS



1-N26-824-849-15-20-H-1-DFT-PI2BPSK-Inner_1RB
_Left-1@1-1000-3000-Ant1-2762.50--41.57--13-PASS



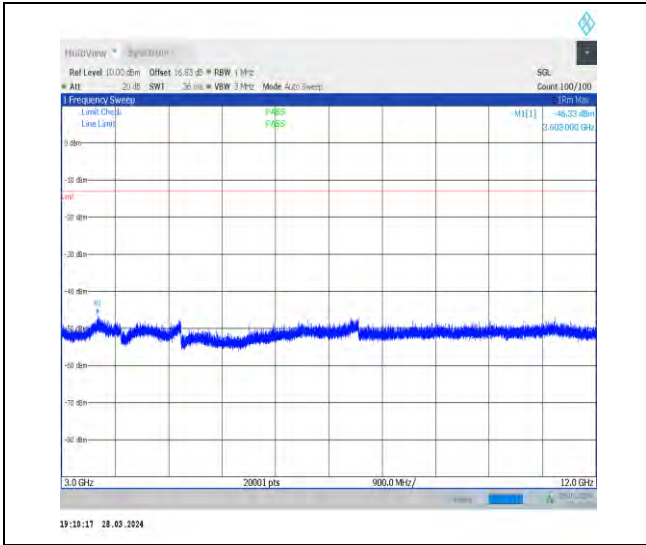
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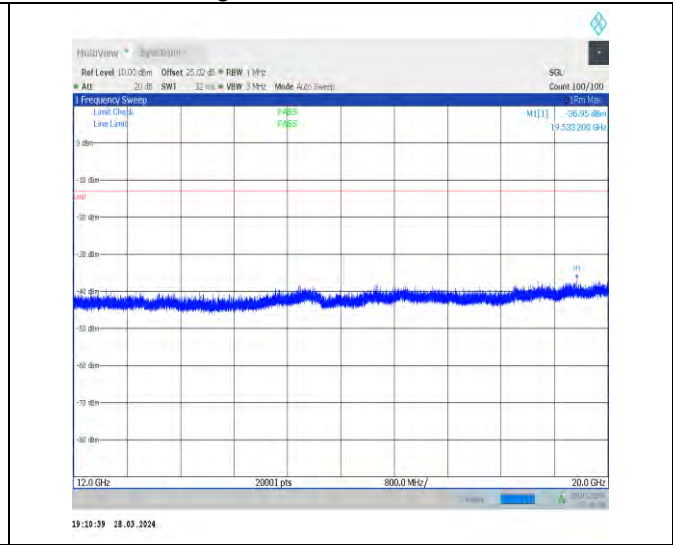
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B_Left-1@1-3000-12000-Ant1-3603.00--46.33--13-P
ASS



1-N26-824-849-15-20-H-1-DFT-PI2BPSK-Inner_1RB
_Left-1@1-12000-20000-Ant1-19533.20--36.95--13-P
ASS



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Field Strength of Spurious Radiation

Test Band = SA_n26

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1439	47.59	-46.79	25.21	-69.25	-13.00	56.25	Horizontal
2	2443.5	47.80	-45.54	27.57	-65.43	-13.00	52.43	Horizontal
3	3323.5	51.19	-44.79	28.55	-60.31	-13.00	47.31	Horizontal
4	5090	46.16	-42.59	31.52	-60.17	-13.00	47.17	Horizontal
5	7428	44.08	-37.93	36.76	-52.35	-13.00	39.35	Horizontal
6	9558.5	42.20	-35.29	37.80	-50.55	-13.00	37.55	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629	48.88	-46.91	25.33	-67.96	-13.00	54.96	Vertical
2	2443.5	49.47	-45.54	27.57	-63.76	-13.00	50.76	Vertical
3	3322.5	49.09	-44.78	28.55	-62.40	-13.00	49.40	Vertical
4	4804	46.75	-42.82	30.78	-60.55	-13.00	47.55	Vertical
5	6819.5	44.51	-39.19	35.48	-54.46	-13.00	41.46	Vertical
6	9115.5	42.39	-34.94	37.03	-50.78	-13.00	37.78	Vertical



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Test Band = SA_n26
 Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1423	47.63	-46.77	25.08	-69.32	-13.00	56.32	Horizontal
2	1941.5	47.58	-46.43	25.48	-68.63	-13.00	55.63	Horizontal
3	2728	47.14	-45.35	28.06	-65.41	-13.00	52.41	Horizontal
4	3319	51.70	-44.76	28.54	-59.78	-13.00	46.78	Horizontal
5	5039	46.56	-42.62	31.51	-59.81	-13.00	46.81	Horizontal
6	7413	44.15	-38.09	36.73	-52.47	-13.00	39.47	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1396.5	47.63	-46.77	24.91	-69.49	-13.00	56.49	Vertical
2	1812.5	48.99	-46.60	25.45	-67.42	-13.00	54.42	Vertical
3	2495	47.61	-45.76	27.78	-65.63	-13.00	52.63	Vertical
4	3318.5	49.49	-44.76	28.54	-61.99	-13.00	48.99	Vertical
5	5169.5	46.36	-42.23	31.84	-59.29	-13.00	46.29	Vertical
6	8457.5	43.09	-36.11	36.42	-51.86	-13.00	38.86	Vertical



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Test Band = SA_n26
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1619	48.03	-46.93	25.25	-68.91	-13.00	55.91	Horizontal
2	2337	47.81	-46.02	27.47	-66.00	-13.00	53.00	Horizontal
3	3314.5	51.24	-44.74	28.53	-60.23	-13.00	47.23	Horizontal
4	4800	46.68	-42.82	30.80	-60.60	-13.00	47.60	Horizontal
5	7415.5	43.85	-38.07	36.73	-52.75	-13.00	39.75	Horizontal
6	9976.5	42.10	-34.99	38.68	-49.47	-13.00	36.47	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1380	47.31	-46.89	24.98	-69.86	-13.00	56.86	Vertical
2	1812.5	48.92	-46.60	25.45	-67.49	-13.00	54.49	Vertical
3	2006.5	46.97	-46.27	26.47	-68.09	-13.00	55.09	Vertical
4	3314	48.60	-44.74	28.53	-62.87	-13.00	49.87	Vertical
5	4819.5	46.27	-42.81	30.72	-61.08	-13.00	48.08	Vertical
6	7475.5	43.71	-37.94	36.85	-52.64	-13.00	39.64	Vertical



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Report No.: SUCR240100001702

Rev.: 01

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Test Band = NSA_B7+n26

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629	39.95	-18.04	25.33	-48.02	-13.00	35.02	Horizontal
2	3258	51.38	-44.32	28.58	-59.62	-13.00	46.62	Horizontal
3	5065.5	65.32	-42.41	31.57	-40.78	-13.00	27.78	Horizontal
4	7598.5	51.38	-38.08	36.79	-45.17	-13.00	32.17	Horizontal
5	12664	46.17	-33.89	38.90	-44.08	-13.00	31.08	Horizontal
6	16592	41.37	-30.91	39.48	-45.32	-13.00	32.32	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1629	46.28	-18.04	25.33	-41.69	-13.00	28.69	Vertical
2	4073	49.05	-43.74	29.55	-60.40	-13.00	47.40	Vertical
3	5065.5	72.70	-42.41	31.57	-33.40	-13.00	20.40	Vertical
4	7599	54.54	-38.08	36.79	-42.01	-13.00	29.01	Vertical
5	12664.5	49.91	-33.89	38.90	-40.34	-13.00	27.34	Vertical
6	16354.5	42.52	-30.62	38.66	-44.70	-13.00	31.70	Vertical



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Report No.: SUCR240100001702

Rev.: 01

Page: 39 of 43

Test Band = NSA_B7+n26

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1644	42.75	-17.95	25.45	-45.01	-13.00	32.01	Horizontal
2	3950	46.89	-43.74	29.90	-62.21	-13.00	49.21	Horizontal
3	5065.5	65.31	-42.41	31.57	-40.79	-13.00	27.79	Horizontal
4	7598.5	47.76	-38.08	36.79	-48.79	-13.00	35.79	Horizontal
5	12664	45.85	-33.89	38.90	-44.40	-13.00	31.40	Horizontal
6	15274.5	40.93	-30.65	39.85	-45.13	-13.00	32.13	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1644	42.86	-17.95	25.45	-44.90	-13.00	31.90	Vertical
2	3783.5	47.28	-43.85	29.73	-62.10	-13.00	49.10	Vertical
3	5065.5	71.98	-42.41	31.57	-34.12	-13.00	21.12	Vertical
4	7599	49.46	-38.08	36.79	-47.09	-13.00	34.09	Vertical
5	10131.5	45.47	-35.14	38.77	-46.16	-13.00	33.16	Vertical
6	12664	49.70	-33.89	38.90	-40.55	-13.00	27.55	Vertical



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Test Band = NSA_B7+n26

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659	41.61	-17.90	25.43	-46.12	-13.00	33.12	Horizontal
2	3318	51.12	-44.37	28.54	-59.97	-13.00	46.97	Horizontal
3	5065.5	63.61	-42.41	31.57	-42.49	-13.00	29.49	Horizontal
4	7598.5	48.05	-38.08	36.79	-48.50	-13.00	35.50	Horizontal
5	10131.5	46.10	-35.14	38.77	-45.53	-13.00	32.53	Horizontal
6	13376	43.88	-33.56	39.67	-45.27	-13.00	32.27	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659	43.61	-17.90	25.43	-44.12	-13.00	31.12	Vertical
2	5065.5	68.01	-42.41	31.57	-38.09	-13.00	25.09	Vertical
3	7599	55.92	-38.08	36.79	-40.63	-13.00	27.63	Vertical
4	10131.5	47.12	-35.14	38.77	-44.51	-13.00	31.51	Vertical
5	12664	50.19	-33.89	38.90	-40.06	-13.00	27.06	Vertical
6	14798.5	41.61	-32.56	41.60	-44.61	-13.00	31.61	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-10.000000	-0.011955	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-10.900000	-0.013030	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.300000	-0.006336	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	VH	NT	0.500000	0.000598	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	VN	NT	-2.300000	-0.002750	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	VL	NT	0.400000	0.000478	± 2.5	PASS



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Frequency Error VS. Temperature

Temperature											
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-7.100000	-0.008488	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.400000	-0.007651	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.700000	-0.010400	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-8.800000	-0.010520	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.300000	-0.008727	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.200000	-0.006216	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.300000	-0.009922	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-11.100000	-0.013270	± 2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-8.800000	-0.010520	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-30	-2.200000	-0.002630	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-20	-2.100000	-0.002510	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-10	-0.500000	-0.000598	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	0	-0.700000	-0.000837	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	10	0.900000	0.001076	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	20	-1.300000	-0.001554	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	30	-3.200000	-0.003825	± 2.5	PASS



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N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	40	-1.200000	-0.001435	± 2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	50	-0.700000	-0.000837	± 2.5	PASS

---End of Attachment---



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