

Report No.: SUCR240100001702

Rev.: 01

Page: 1 of 66

Appendix B.21

NR Band n5



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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
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.07	22.62	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.97	22.52	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.81	22.36	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.88	22.43	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.88	22.43	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.26	21.81	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	23.26	21.81	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	23.23	21.78	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.33	20.88	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.94	20.49	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.90	20.45	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	21.82	20.37	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.28	17.83	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.24	17.79	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	19.73	18.28	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.08	22.63	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.08	22.63	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.94	22.49	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.98	22.53	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	24.02	22.57	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	23.42	21.97	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	23.39	21.94	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	23.34	21.89	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	22.46	21.01	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	22.09	20.64	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	22.10	20.65	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.94	20.49	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.38	17.93	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.33	17.88	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	19.86	18.41	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.18	22.73	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 3 of 66

N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.12	22.67	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	24.01	22.56	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	24.08	22.63	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	24.08	22.63	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.50	22.05	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.46	22.01	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.21	21.76	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.51	21.06	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	22.15	20.7	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.92	20.47	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	22.00	20.55	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.47	18.02	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.41	17.96	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.89	18.44	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.15	22.7	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.12	22.67	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	23.87	22.42	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	24.10	22.65	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	24.09	22.64	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	23.39	21.94	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	23.33	21.88	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	23.31	21.86	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	22.37	20.92	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	22.00	20.55	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.95	20.5	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	21.91	20.46	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.24	17.79	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.27	17.82	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.82	18.37	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.14	22.69	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.18	22.73	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	23.94	22.49	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	24.08	22.63	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	24.06	22.61	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	23.45	22	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	23.35	21.9	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.46	22.01	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 4 of 66

N5	15	10	DFT-16QAM	M	Outer_Full	22.42	20.97	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.98	20.53	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	22.12	20.67	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.95	20.5	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.18	17.73	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.34	17.89	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.93	18.48	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.38	22.93	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.35	22.9	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.98	22.53	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	24.10	22.65	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	24.22	22.77	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	23.50	22.05	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	23.42	21.97	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	23.40	21.95	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	22.46	21.01	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	22.03	20.58	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	22.11	20.66	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	22.00	20.55	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.31	17.86	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.33	17.88	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.92	18.47	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.16	22.71	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.29	22.84	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	23.74	22.29	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	24.02	22.57	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	24.19	22.74	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.25	21.8	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	23.37	21.92	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	23.51	22.06	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.36	20.91	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.96	20.51	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	22.17	20.72	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	21.85	20.4	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.30	17.85	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.45	18	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	19.74	18.29	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 5 of 66

N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.02	22.57	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.26	22.81	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.89	22.44	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.96	22.51	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	24.18	22.73	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	23.40	21.95	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	23.20	21.75	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	23.47	22.02	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	22.42	20.97	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.93	20.48	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	22.13	20.68	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.99	20.54	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.18	17.73	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	19.43	17.98	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.84	18.39	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.17	22.72	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.29	22.84	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.85	22.4	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	24.08	22.63	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	24.24	22.79	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.36	21.91	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	23.35	21.9	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	23.44	21.99	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.47	21.02	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.97	20.52	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	22.15	20.7	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.94	20.49	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.28	17.83	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.45	18	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.88	18.43	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.06	22.61	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.29	22.84	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	23.87	22.42	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	24.00	22.55	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	24.12	22.67	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	23.37	21.92	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	23.27	21.82	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 6 of 66

N5	15	20	DFT-16QAM	L	Inner_1RB_Right	23.38	21.93	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	22.37	20.92	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.94	20.49	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	22.05	20.6	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.82	20.37	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.19	17.74	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.36	17.91	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	19.88	18.43	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.07	22.62	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.27	22.82	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	24.04	22.59	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.99	22.54	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	24.13	22.68	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	23.37	21.92	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	23.21	21.76	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	23.38	21.93	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	22.38	20.93	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.88	20.43	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	22.10	20.65	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21.91	20.46	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.12	17.67	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.37	17.92	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.88	18.43	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.05	22.6	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.28	22.83	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.99	22.54	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.98	22.53	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	24.23	22.78	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	23.51	22.06	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	23.15	21.7	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.34	21.89	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	22.41	20.96	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.85	20.4	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	22.03	20.58	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.92	20.47	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.09	17.64	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.36	17.91	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 7 of 66

N5	15	20	DFT-256QAM	H	Outer_Full	19.82	18.37	38.45	PASS
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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.57	23.93	26.76	25.31	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.68	24.27	27	25.55	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	22.23	22.58	25.42	23.97	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.39	23.77	26.59	25.14	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.53	23.98	26.77	25.32	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	22.1	22.44	25.28	23.83	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	22.72	23.12	25.93	24.48	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.7	22.74	25.73	24.28	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.64	22.02	24.84	23.39	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.33	21.8	24.58	23.13	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.53	21.83	24.69	23.24	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	21.4	21.57	24.5	23.05	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	18.24	18.47	21.37	19.92	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	18.18	18.78	21.5	20.05	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	18.8	19.33	22.08	20.63	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.4	23.77	26.6	25.15	38.45	PASS



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N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.48	24.08	26.8	25.35	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22	22.77	25.41	23.96	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.86	24.17	27.03	25.58	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.84	24.47	27.18	25.73	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.44	22.72	25.59	24.14	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.51	23.12	25.84	24.39	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	22.79	23.11	25.96	24.51	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.79	22.17	24.99	23.54	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.53	21.85	24.7	23.25	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.33	21.73	24.54	23.09	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.15	21.49	24.33	22.88	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	18.04	18.73	21.41	19.96	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	18.31	18.77	21.56	20.11	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	18.45	18.98	21.73	20.28	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.35	24.18	26.8	25.35	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.55	24.33	26.97	25.52	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	22.22	22.81	25.54	24.09	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.53	24.21	26.89	25.44	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.86	24.32	27.11	25.66	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.16	22.86	25.53	24.08	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	22.29	23.44	25.91	24.46	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 10 of 66

N5	15	5	DFT-16QAM	H	Inner_1RB_Right	22.64	23.48	26.09	24.64	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.38	22.03	24.73	23.28	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.47	21.77	24.63	23.18	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.05	22.04	24.58	23.13	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.3	21.84	24.59	23.14	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	17.89	18.69	21.32	19.87	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	18.16	18.81	21.51	20.06	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	18.48	19.05	21.78	20.33	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.65	24.2	26.94	25.49	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.56	23.92	26.75	25.3	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.05	22.25	25.16	23.71	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.61	24.32	26.99	25.54	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.8	23.98	26.9	25.45	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.1	22.93	25.55	24.1	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.89	23.11	26.01	24.56	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.63	23.11	25.89	24.44	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	21.83	22	24.93	23.48	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.37	21.88	24.64	23.19	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.4	21.82	24.63	23.18	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	21.25	21.72	24.5	23.05	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	18.4	18.36	21.39	19.94	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 11 of 66

N5	15	10	DFT-256QAM	L	Inner_1RB_Right	18.21	18.58	21.41	19.96	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	18.77	19.31	22.06	20.61	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.66	24.15	26.92	25.47	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.55	24.29	26.95	25.5	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.1	22.85	25.5	24.05	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.77	24.12	26.96	25.51	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	24.03	24.4	27.23	25.78	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.08	22.59	25.35	23.9	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.8	23.18	26	24.55	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.03	23.22	26.14	24.69	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.63	22.34	25.01	23.56	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.38	21.92	24.67	23.22	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.53	21.83	24.69	23.24	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.08	21.8	24.47	23.02	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	18.14	18.8	21.49	20.04	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	18.34	18.69	21.53	20.08	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	18.59	19.34	21.99	20.54	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.66	24.5	27.11	25.66	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.71	24.36	27.06	25.61	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	22.04	22.8	25.45	24	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.48	24.11	26.82	25.37	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 12 of 66

N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.58	24.4	27.02	25.57	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.05	22.95	25.53	24.08	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.73	23.36	26.07	24.62	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.68	23.34	26.03	24.58	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.67	22.31	25.01	23.56	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.26	21.67	24.48	23.03	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.04	21.77	24.43	22.98	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.07	22.12	24.64	23.19	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	18.16	18.91	21.56	20.11	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	18.1	18.7	21.42	19.97	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	18.52	19.01	21.78	20.33	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.57	23.88	26.74	25.29	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.97	24.63	27.32	25.87	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	21.91	22.6	25.28	23.83	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.49	24.15	26.84	25.39	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.85	24.1	26.99	25.54	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	22.11	22.77	25.46	24.01	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.73	23.28	26.02	24.57	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	22.73	23.21	25.99	24.54	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	21.47	22.24	24.88	23.43	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.04	21.99	24.55	23.1	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 13 of 66

N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.37	21.92	24.66	23.21	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	21.23	21.62	24.44	22.99	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	18.1	18.62	21.38	19.93	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	18.2	18.82	21.53	20.08	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	18.89	18.86	21.89	20.44	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.63	24.2	26.93	25.48	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.83	24.24	27.05	25.6	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	22.34	22.49	25.43	23.98	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.93	24.44	27.2	25.75	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.81	24.26	27.05	25.6	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.57	22.46	25.53	24.08	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.73	23.13	25.94	24.49	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.97	23.24	26.12	24.67	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.95	22.1	25.04	23.59	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.5	21.77	24.65	23.2	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.65	22.06	24.87	23.42	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.49	21.67	24.59	23.14	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	18.16	18.69	21.44	19.99	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	18.35	18.97	21.68	20.23	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	18.61	19.15	21.9	20.45	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.8	24.32	27.08	25.63	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 14 of 66

N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.78	24.24	27.03	25.58	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	21.93	22.84	25.42	23.97	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.94	24.1	27.03	25.58	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.64	24.33	27.01	25.56	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	22.26	22.62	25.45	24	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.85	23.23	26.05	24.6	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22.65	23.02	25.85	24.4	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	21.67	22.18	24.94	23.49	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.47	21.89	24.7	23.25	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.23	21.84	24.56	23.11	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.17	21.63	24.42	22.97	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	18.24	18.8	21.54	20.09	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	18	18.78	21.42	19.97	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	18.61	19.35	22.01	20.56	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.82	23.95	26.9	25.45	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.53	24.32	26.95	25.5	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.15	22.86	25.53	24.08	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.55	24.09	26.84	25.39	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.69	24.26	26.99	25.54	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.48	22.9	25.71	24.26	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.81	23.1	25.97	24.52	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 15 of 66

N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.88	23.43	26.17	24.72	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	21.6	22.08	24.86	23.41	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.41	21.75	24.59	23.14	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.41	21.94	24.69	23.24	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.14	21.55	24.36	22.91	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	17.99	18.59	21.31	19.86	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	18.25	18.71	21.5	20.05	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	18.72	19.05	21.9	20.45	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.91	24.15	27.04	25.59	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.74	24.43	27.11	25.66	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.42	22.8	25.62	24.17	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.73	24.16	26.96	25.51	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.73	24.13	26.94	25.49	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.21	22.68	25.46	24.01	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.78	23.22	26.02	24.57	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	22.88	23.2	26.05	24.6	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.78	22.17	24.99	23.54	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.22	21.88	24.57	23.12	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.44	21.91	24.69	23.24	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21	21.82	24.44	22.99	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	18.1	18.84	21.5	20.05	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 16 of 66

N5	15	20	DFT-256QAM	M	Inner_1RB_Right	18.3	18.61	21.47	20.02	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	18.57	19.29	21.96	20.51	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.8	24.18	27	25.55	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.87	24.57	27.24	25.79	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	21.92	22.63	25.3	23.85	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.72	24.46	27.12	25.67	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	23.57	24.46	27.05	25.6	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.37	22.71	25.55	24.1	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.57	23.16	25.89	24.44	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	22.37	23.3	25.87	24.42	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.73	22.21	24.99	23.54	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.19	21.68	24.45	23	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.14	21.8	24.49	23.04	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.27	22.21	24.78	23.33	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	18	18.65	21.35	19.9	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	18.07	19.11	21.63	20.18	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	18.59	19.47	22.06	20.61	38.45	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 17 of 66

Peak-to-Average Ratio for SA**Peak-to-Average Ratio(CCDF)****Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	6.76	13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	8.61	13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	6.74	13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	8.60	13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	6.75	13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	8.61	13	PASS



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Test Graphs



1-N5-15-20-L-14-DFT-256QAM-Outer_Full-100@0-2
0.61-20.61-19~27.5-PASS



1-N5-15-20-L-15-CP-256QAM-Outer_Full-106@0-1
8.70-18.70-19~27.5-PASS



1-N5-15-20-M-14-DFT-256QAM-Outer_Full-100@0-2
0.72-20.72-19~27.5-PASS



1-N5-15-20-M-15-CP-256QAM-Outer_Full-106@0-1
8.76-18.76-19~27.5-PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 19 of 66



1-N5-15-20-H-14-DFT-256QAM-Outer_Full-100@0-2
0.69-20.69-19~27.5-PASS



1-N5-15-20-H-15-CP-256QAM-Outer_Full-106@0-1
8.68-18.68-19~27.5-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
N5	15	5	DFT-QPSK	M	Outer_Full	4.455	4.970	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.491	5.100	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.518	5.280	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.475	5.040	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.482	4.950	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.495	5.220	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.547	5.230	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.487	5.120	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.488	5.040	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.948	9.620	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.94	9.680	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.951	9.580	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.941	9.640	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.925	9.600	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.303	10.200	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.277	10.080	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.278	9.940	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.304	10.140	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.492	14.550	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.49	14.460	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.479	14.460	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.448	14.580	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.502	14.490	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.174	15.180	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.175	15.180	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.155	15.270	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.156	15.210	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.912	18.960	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.939	19.080	PASS



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Rev.: 01

Page: 21 of 66

N5	15	20	DFT-16QAM	M	Outer_Full	17.915	18.840	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.918	19.000	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.876	18.920	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.889	20.160	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.979	20.000	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.951	20.120	PASS
N5	15	20	CP-256QAM	M	Outer_Full	19.022	20.040	PASS



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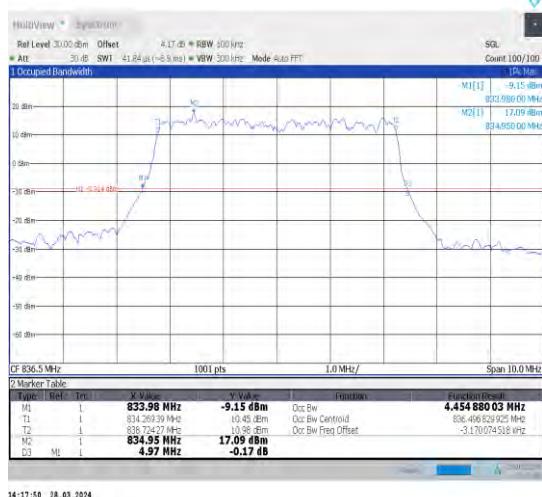
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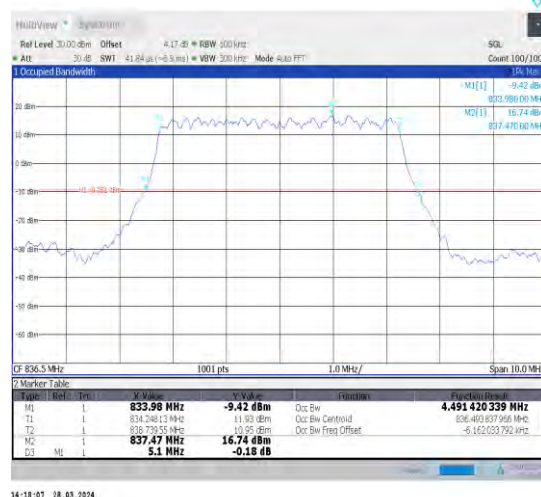
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Page: 22 of 66

Test Graphs



14:17:58 28.03.2024



14:18:07 28.03.2024

1-N5-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.
455-4.970-≤5-PASS

1-N5-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant
1-4.491-5.100-≤5-PASS



14:18:24 28.03.2024



14:18:32 28.03.2024

1-N5-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.
4.518-5.280-≤5-PASS

1-N5-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.
4.475-5.040-≤5-PASS



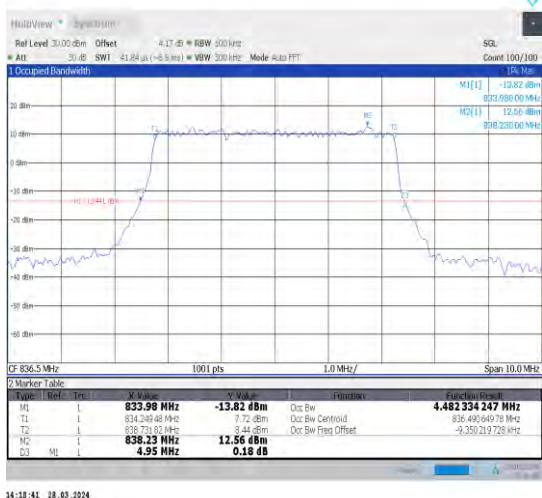
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14:18:41 28.03.2024



14:18:51 28.03.2024

1-N5-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.482-4.950-≤5-PASS

1-N5-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
495-5.220-≤5-PASS



14:18:59 28.03.2024



14:19:04 28.03.2024

1-N5-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
547-5.230-≤5-PASS

1-N5-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4
.487-5.120-≤5-PASS



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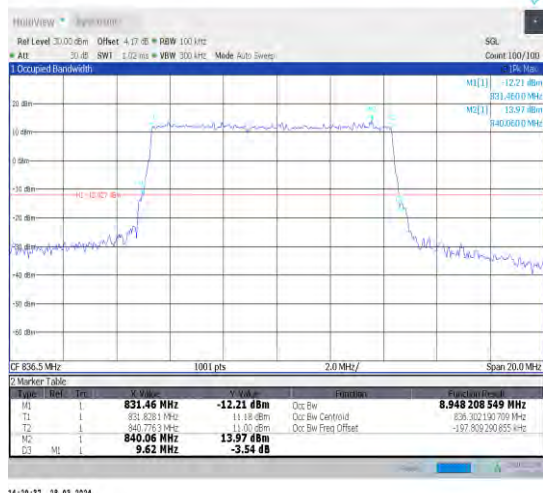
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Page: 24 of 66



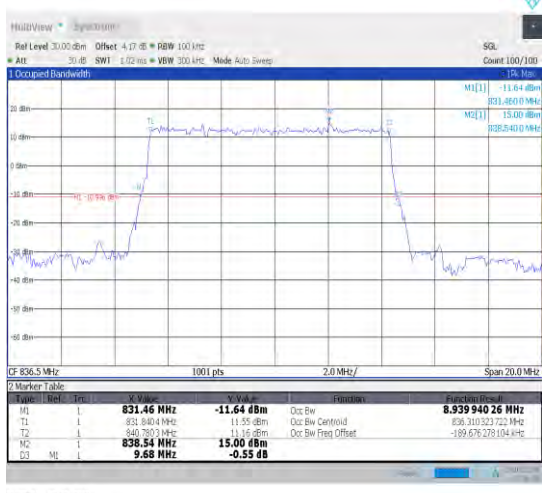
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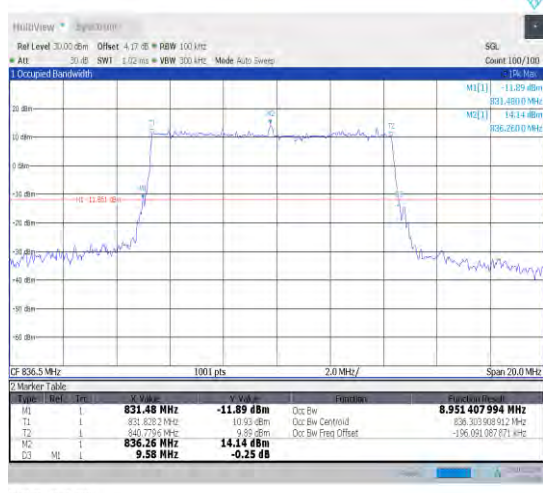
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8.948-9.620-≤10-PASS



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t1-8.94-9.680-≤10-PASS



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1-N5-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-
-8.951-9.580-≤10-PASS



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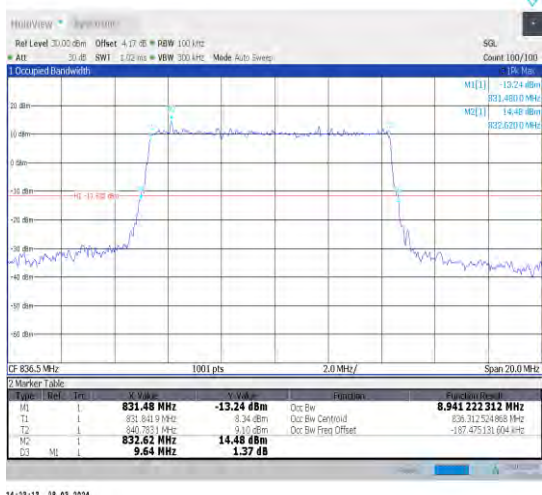
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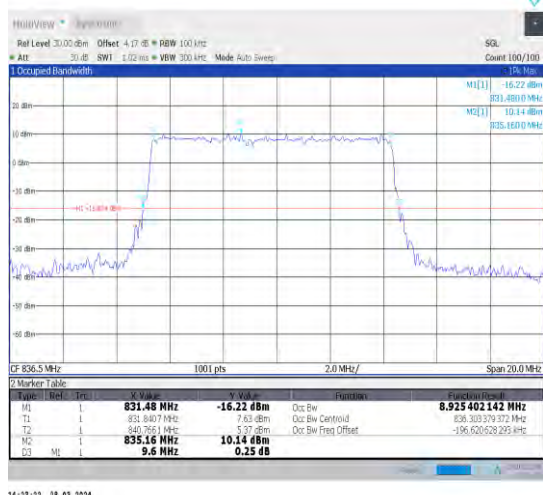
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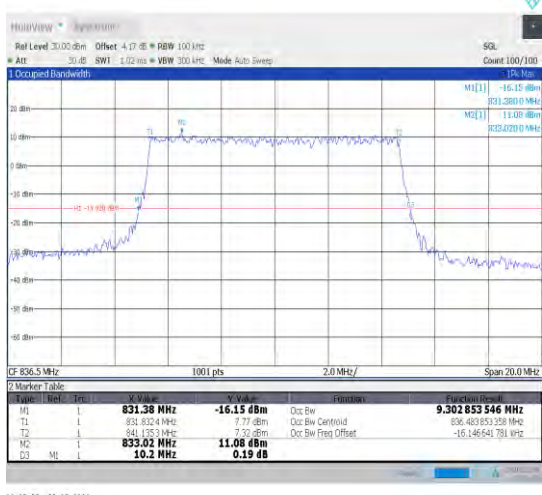
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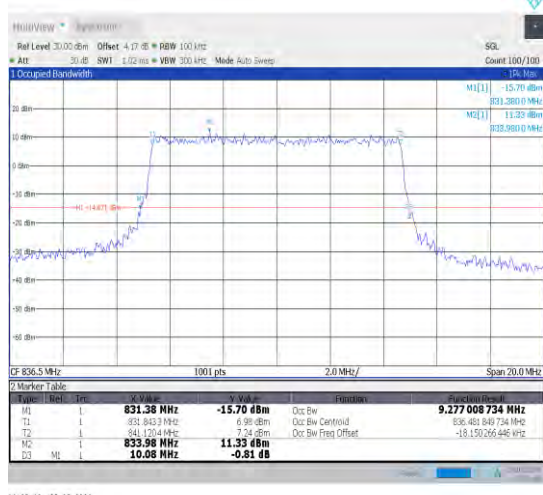
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-8.941-9.640-≤10-PASS

1-N5-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.925-9.600-≤10-PASS



14:13:33 18.03.2024



14:13:40 18.03.2024

1-N5-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
303-10.200-≤10-PASS

1-N5-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-
9.277-10.080-≤10-PASS



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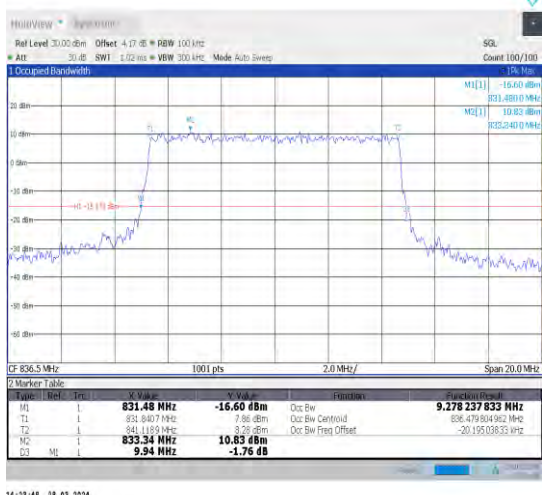
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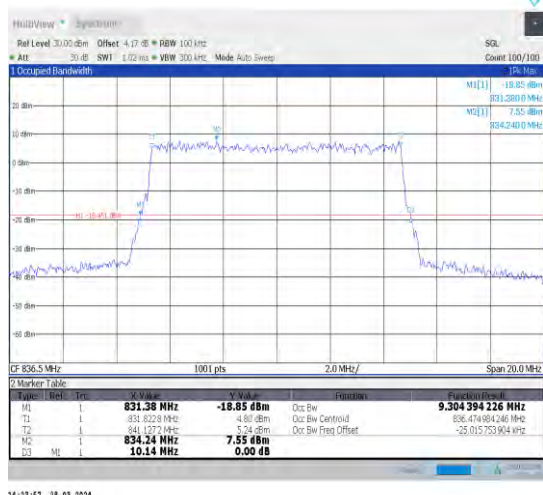
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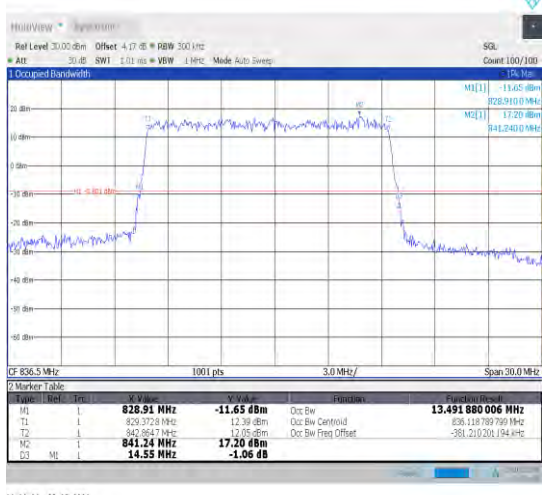
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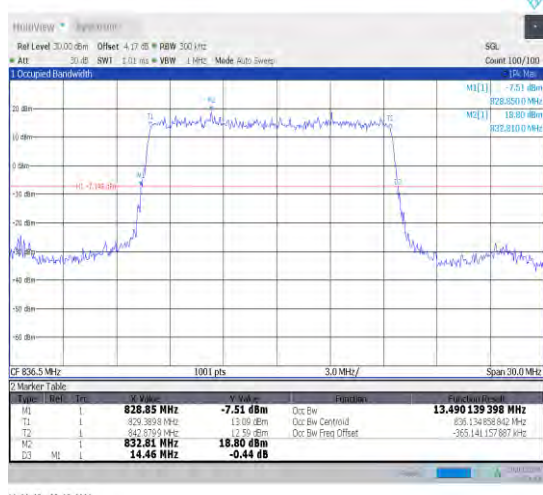
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14:24:24 28.03.2024

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14:24:43 28.03.2024

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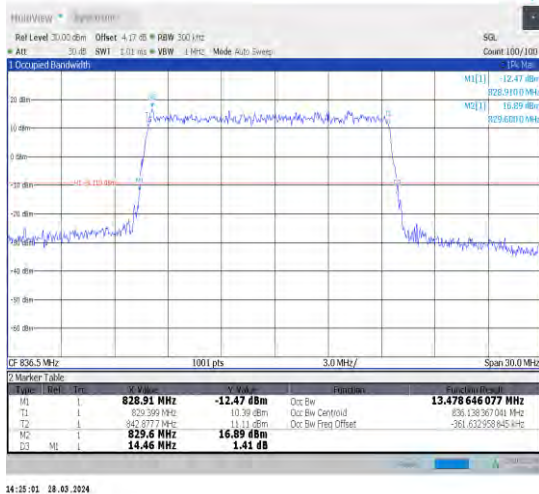
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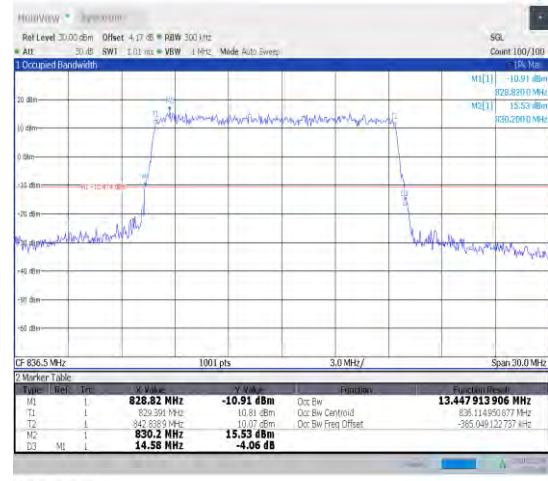
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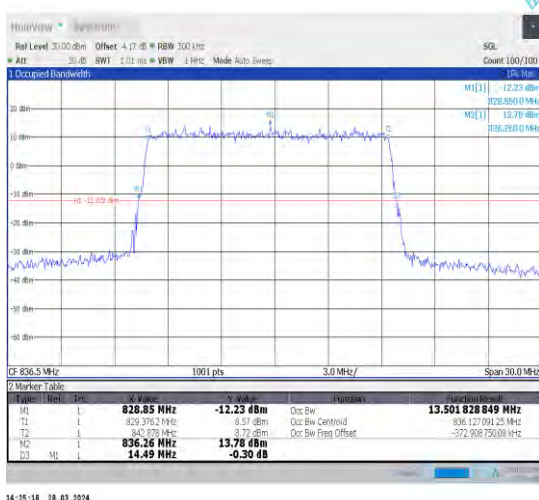
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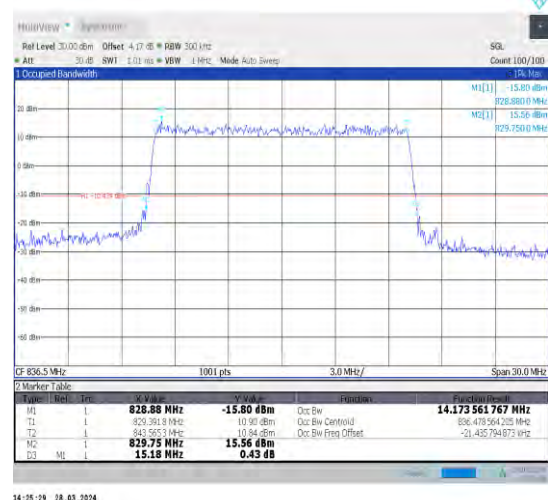
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-13.479-14.460-≤15-PASS

1-N5-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1
-13.448-14.580-≤15-PASS



14:25:18 28.03.2024



14:25:29 28.03.2024

1-N5-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant
1-13.502-14.490-≤15-PASS

1-N5-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-1
4.174-15.180-≤15-PASS



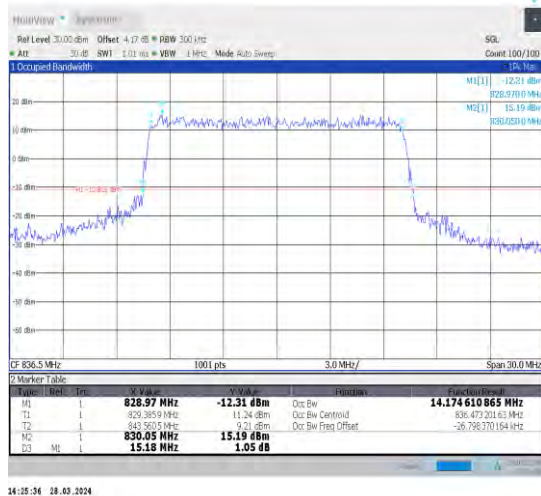
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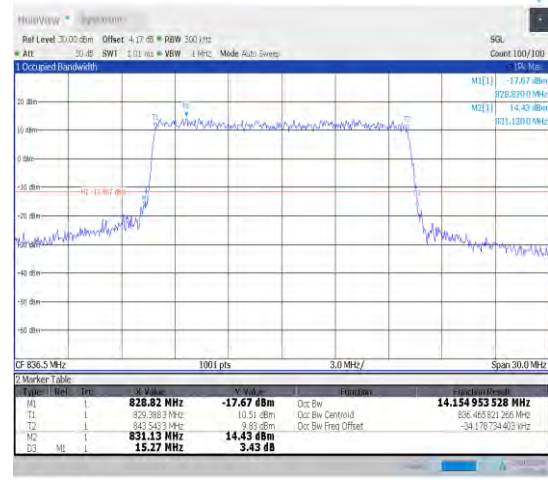
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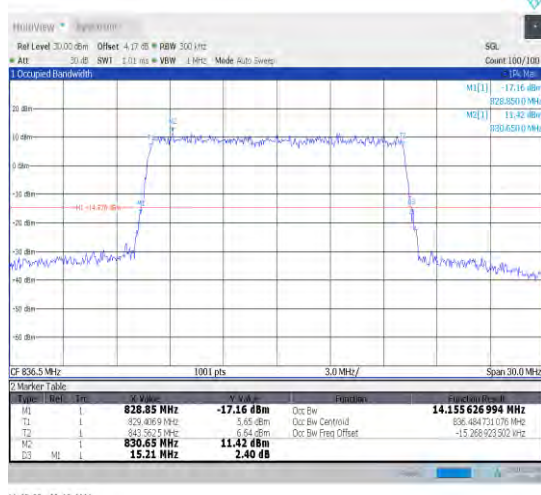
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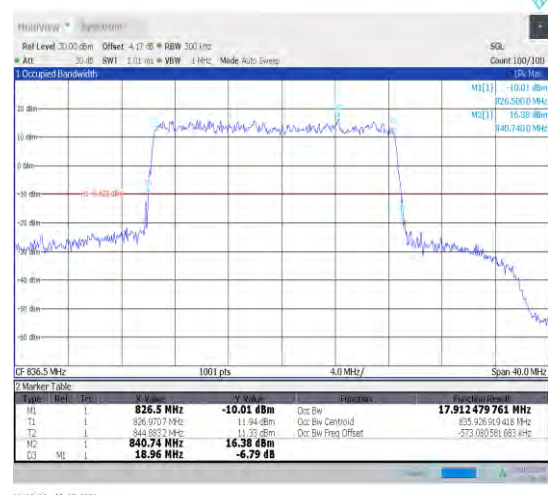
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1-N5-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-
14.175-15.180-≤15-PASS

1-N5-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-
14.155-15.270-≤15-PASS



14:25:53 28.03.2024



14:26:16 28.03.2024

1-N5-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1
-14.156-15.210-≤15-PASS

1-N5-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1
-17.912-18.960-≤20-PASS



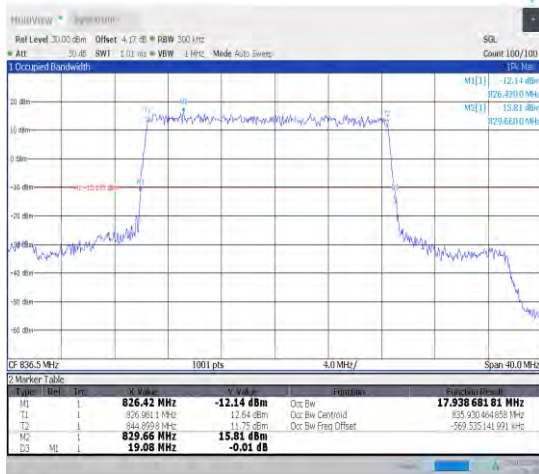
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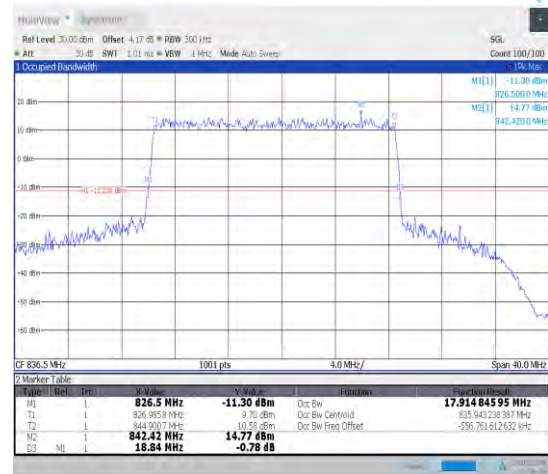
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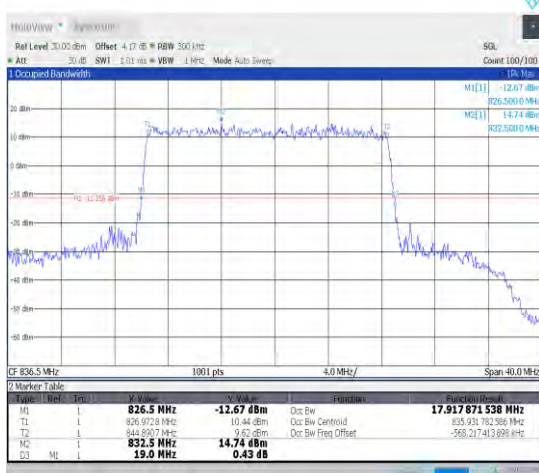
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nt1-17.939-19.080-≤20-PASS



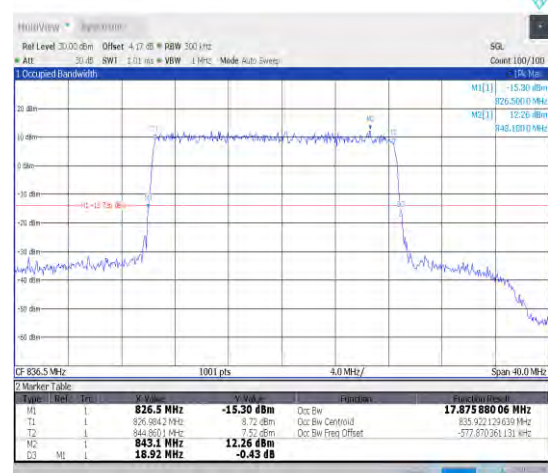
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1-17.915-18.840-≤20-PASS



14:24:59 28.03.2024

1-N5-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant
1-17.918-19.000-≤20-PASS



14:27:59 28.03.2024

1-N5-15-20-M-5-DFT-256QAM-Outer_Full-100@0-A
nt1-17.876-18.920-≤20-PASS



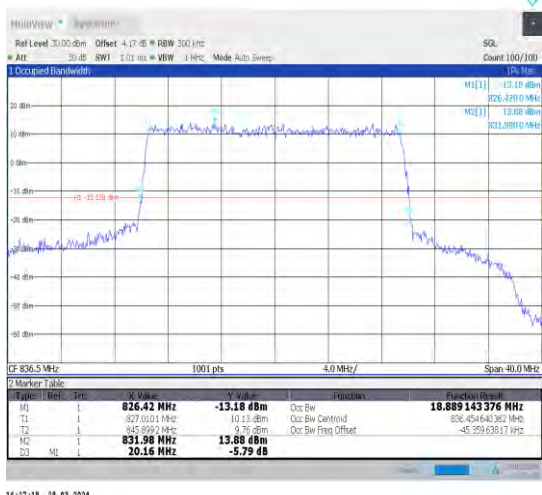
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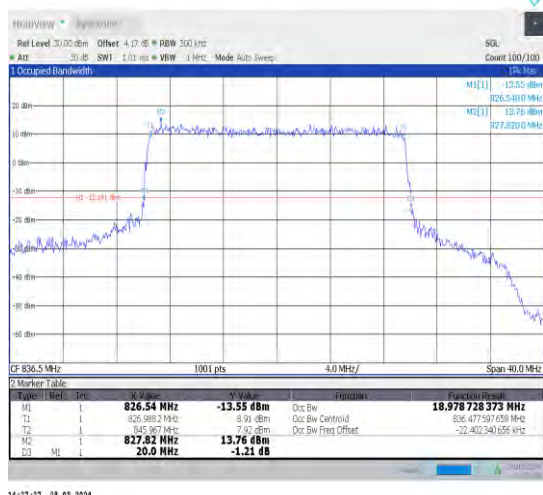
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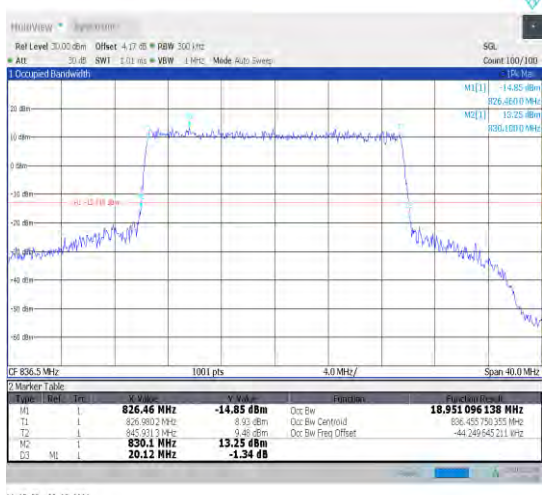
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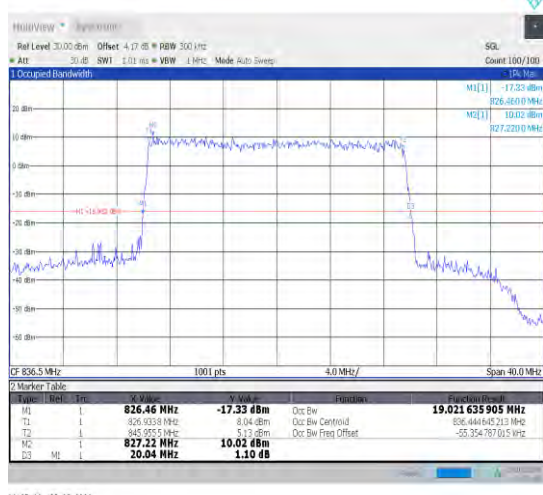
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1-18.979-20.000-≤20-PASS



14:27:35 28.03.2024

1-N5-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1
-18.951-20.120-≤20-PASS



14:27:46 28.03.2024

1-N5-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1
t1-19.022-20.040-≤20-PASS



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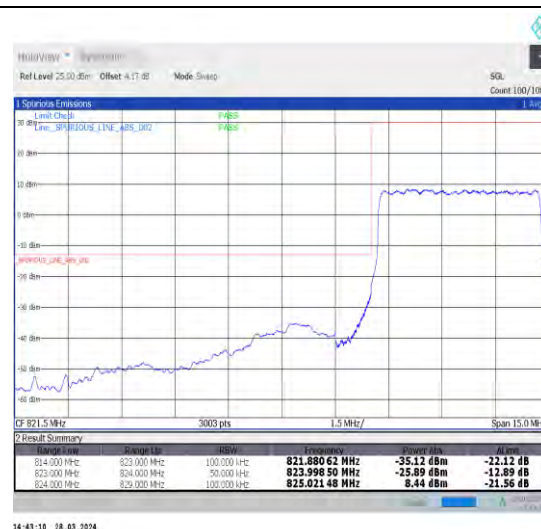
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Band Edge for SA

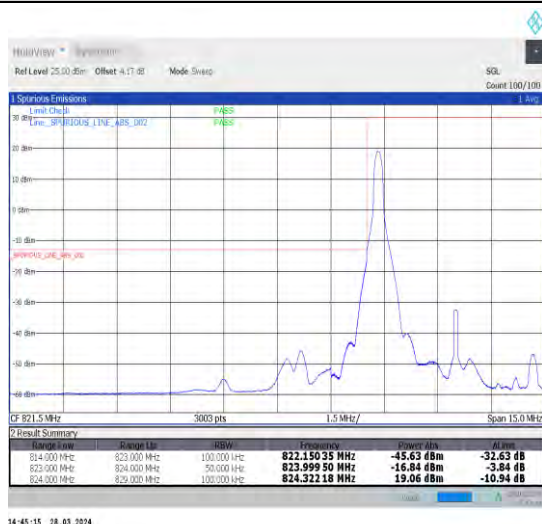
Test Graphs



1-N5-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-An
t1-1--PASS-see graph



1-N5-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-1--PASS-see graph



1-N5-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-
-PASS-see graph



1-N5-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1-
--PASS-see graph



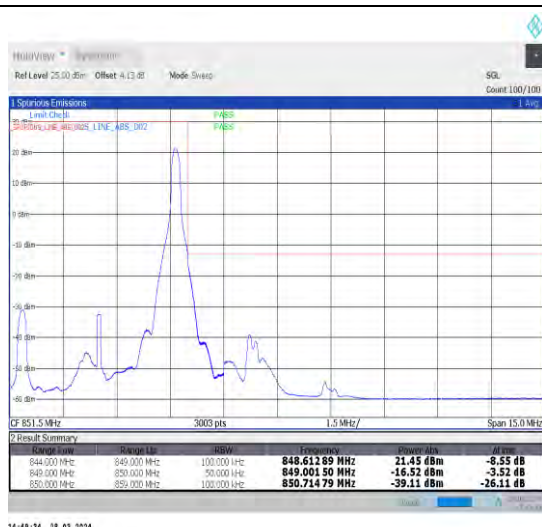
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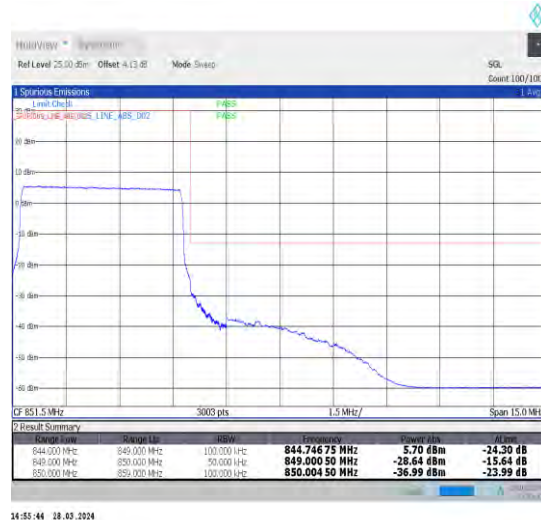
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14:55:44 18.03.2024

1-N5-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



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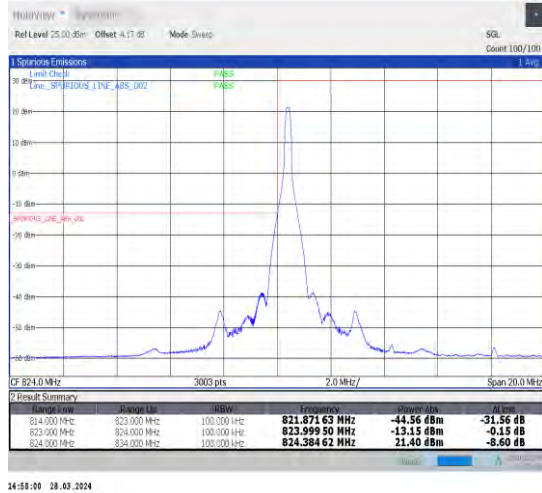
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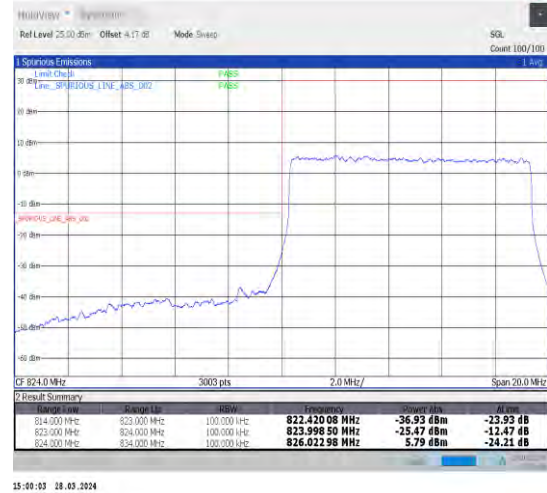
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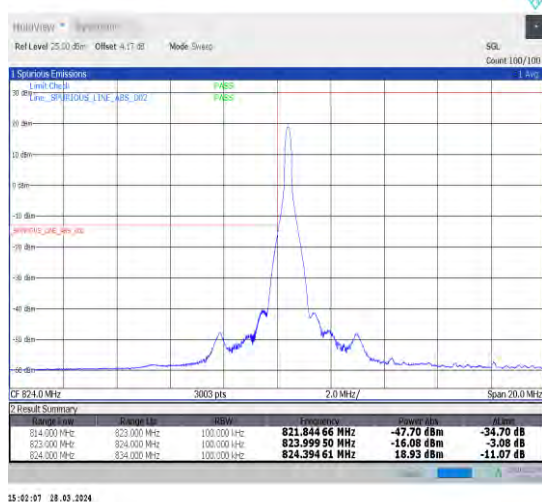
Page: 33 of 66



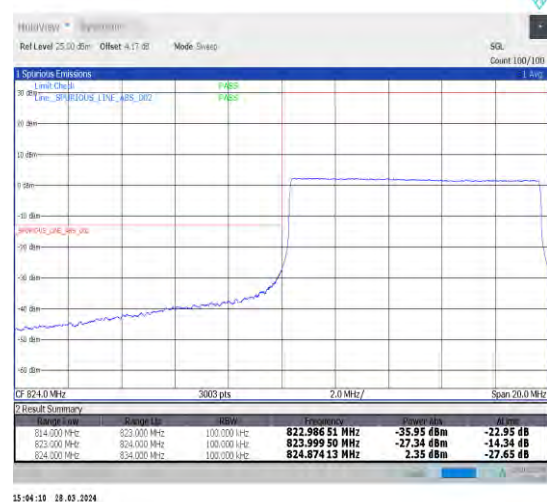
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nt1-1--PASS-see graph



1-N5-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-A
Ant1-1--PASS-see graph



1-N5-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-A nt1-1--PASS-see graph



1-N5-15-10-L-6-CP-QPSK-Outer_Full-52@0-A nt1-1--PASS-see graph



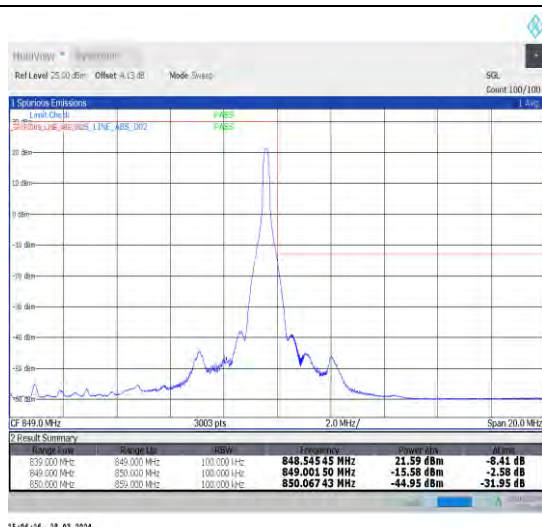
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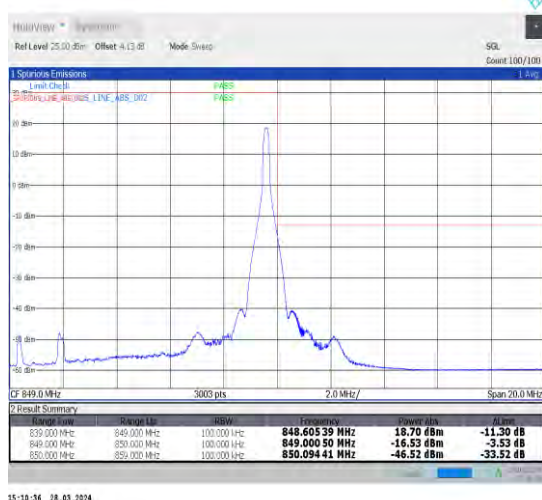
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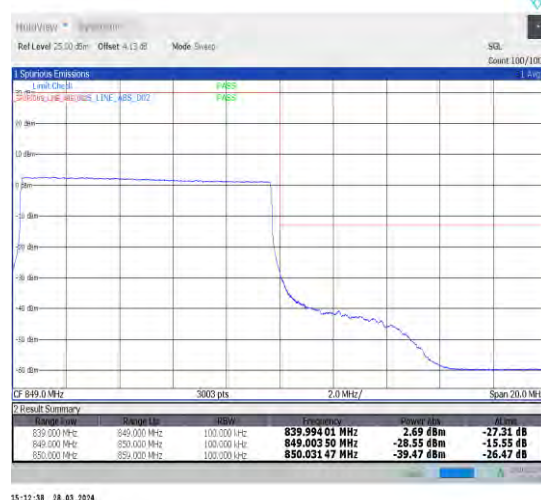
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1-Ant1-1--PASS-see graph



1-N5-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-
Ant1-1--PASS-see graph



1-N5-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-An
t1-1--PASS-see graph



1-N5-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1
-1--PASS-see graph



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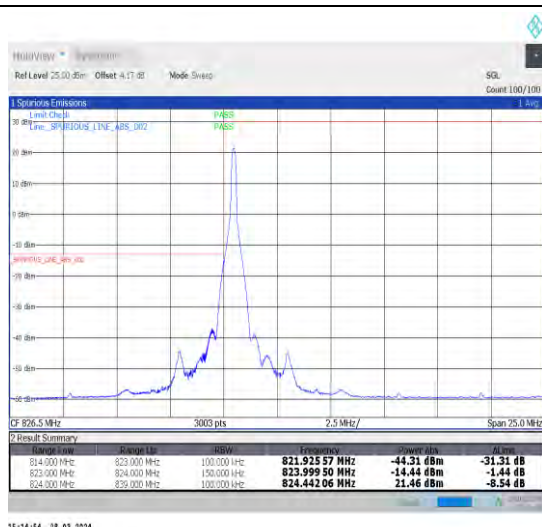
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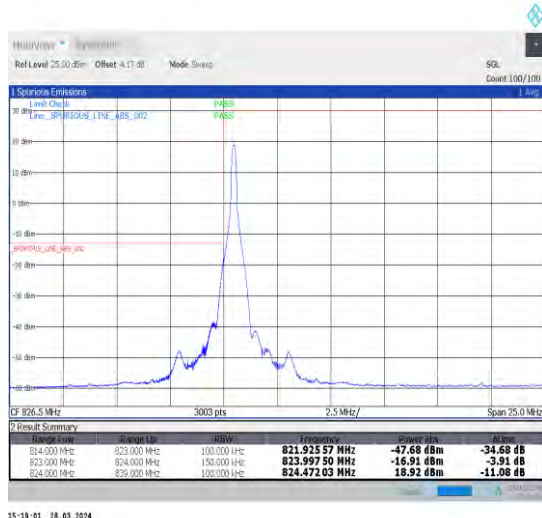
Rev.: 01

Page: 35 of 66



1-N5-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-A
nt1-1--PASS-see graph

1-N5-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-A
Ant1-1--PASS-see graph



1-N5-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-A nt1-1--PASS-see graph

1-N5-15-15-L-6-CP-QPSK-Outer_Full-79@0-A nt1-1--PASS-see graph



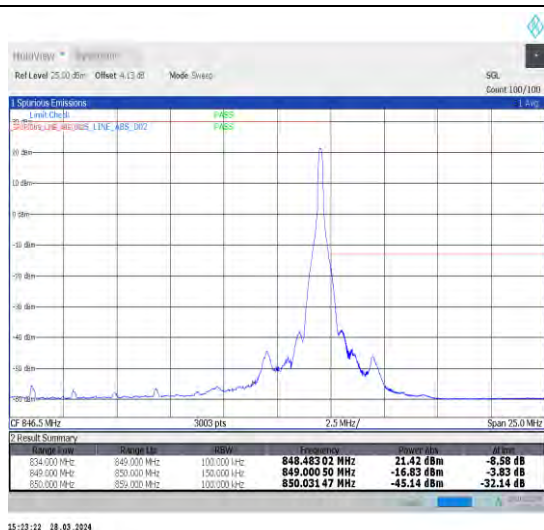
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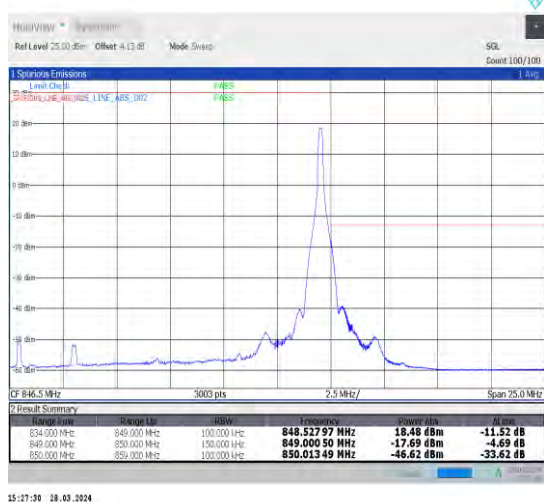
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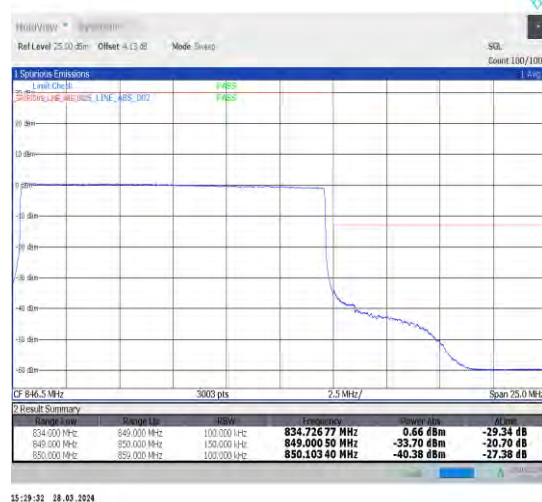
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1-N5-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-An
t1-1--PASS-see graph



1-N5-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1
-1--PASS-see graph



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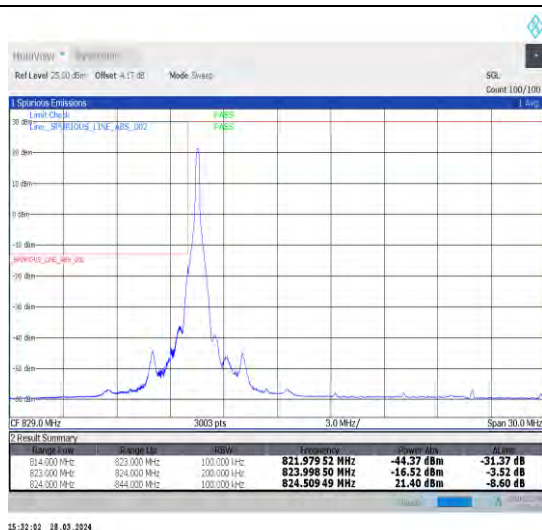
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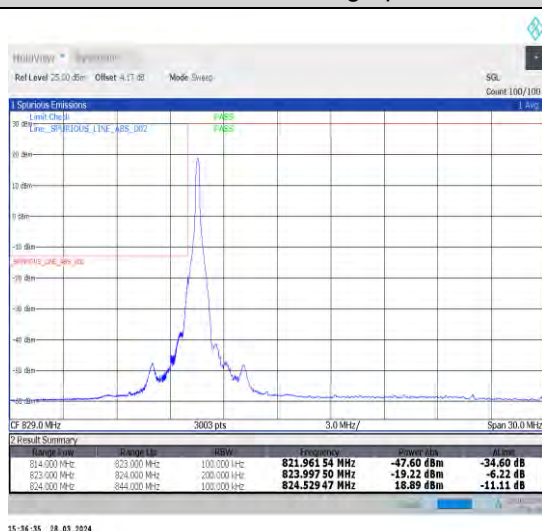
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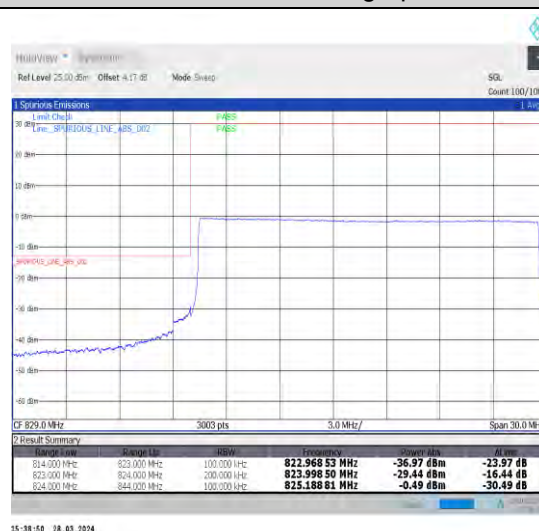
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1-N5-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N5-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant
1-1--PASS-see graph



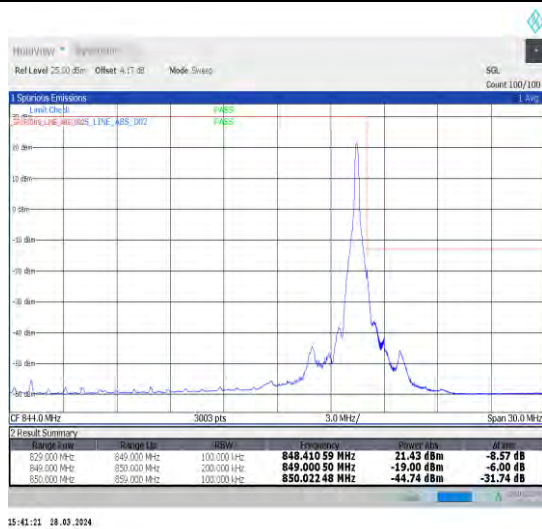
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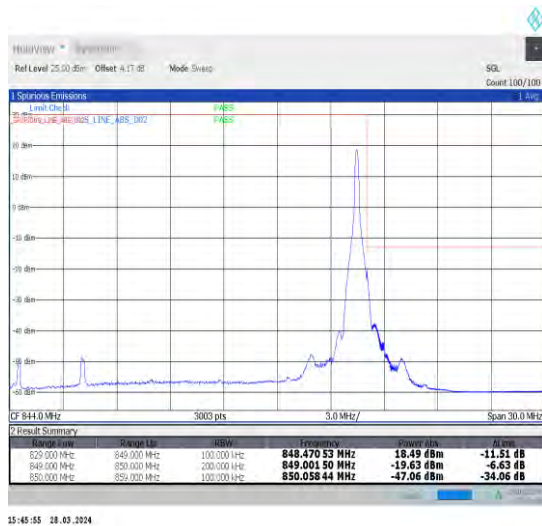
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15:48:10 18.03.2024

1-N5-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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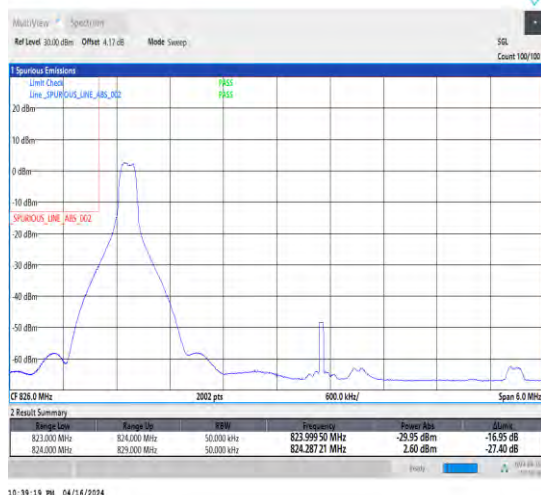
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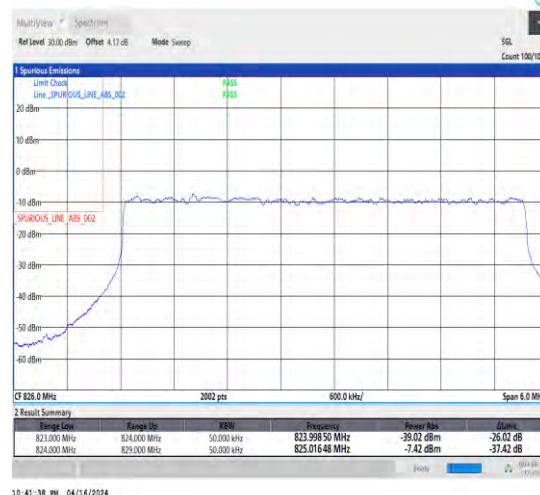
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Rev.: 01
Page: 39 of 66

Band Edge for MIMO ANT1

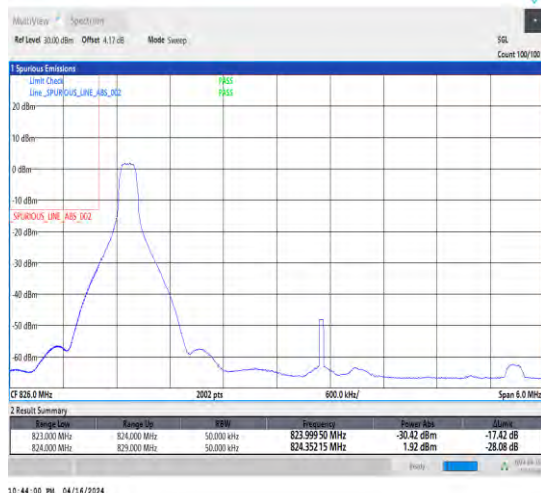
Test Graphs



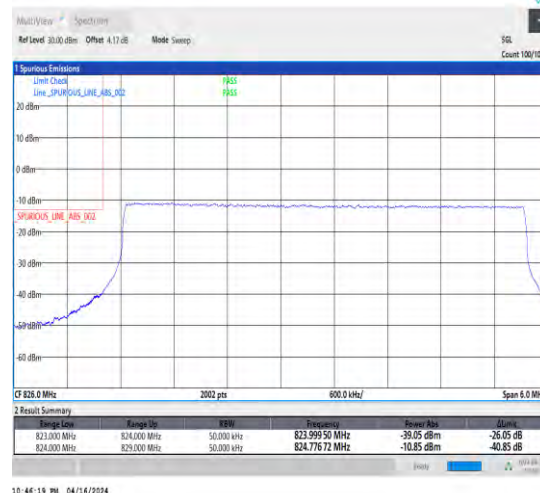
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1-N5-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N5-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



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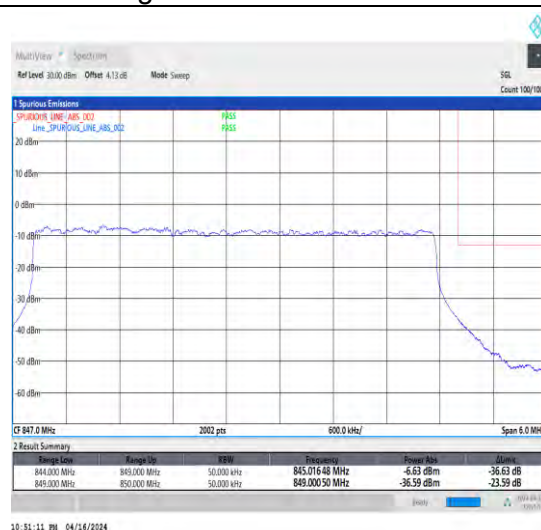
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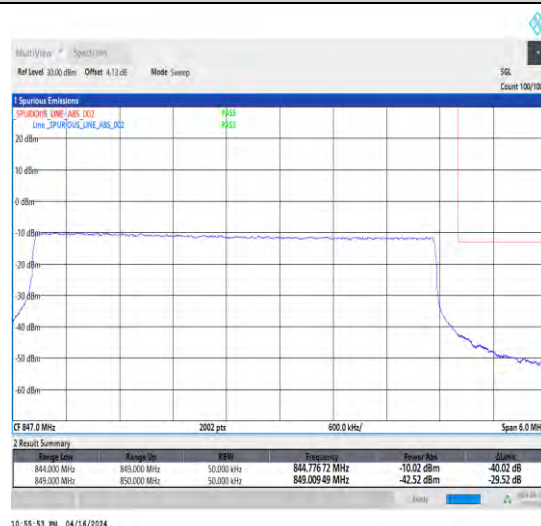
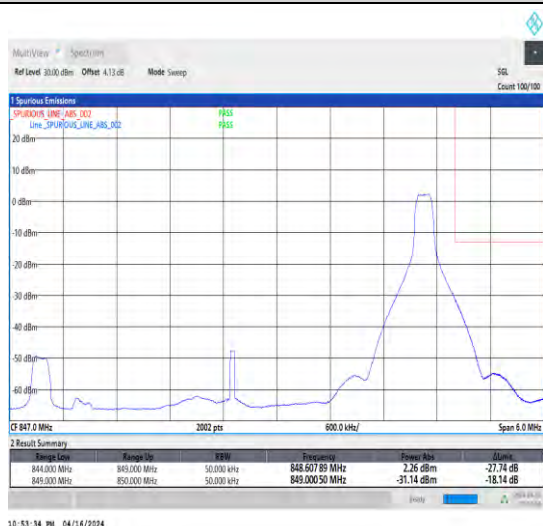
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Page: 40 of 66



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1-N5-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



1-N5-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1-seegraph-PASS-see graph

1-N5-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



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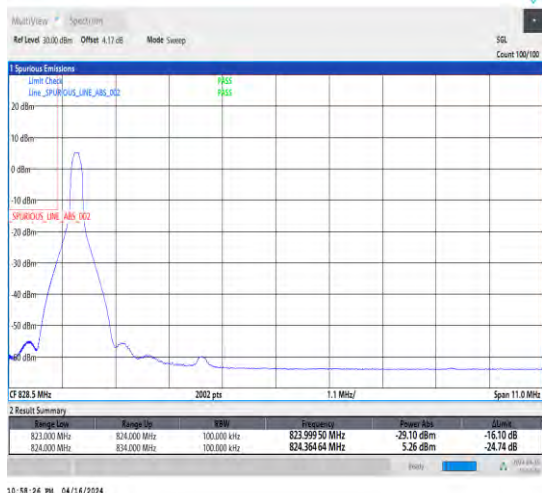
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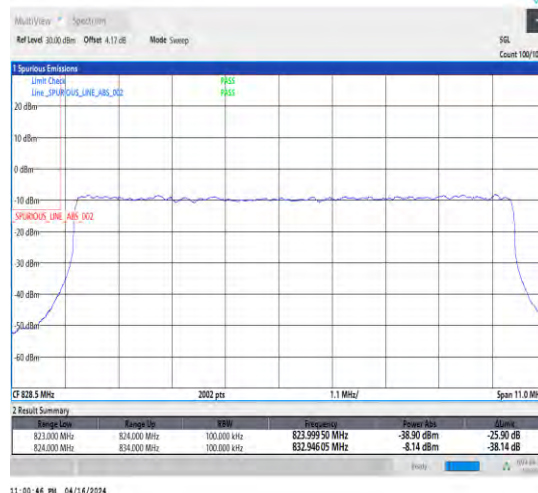
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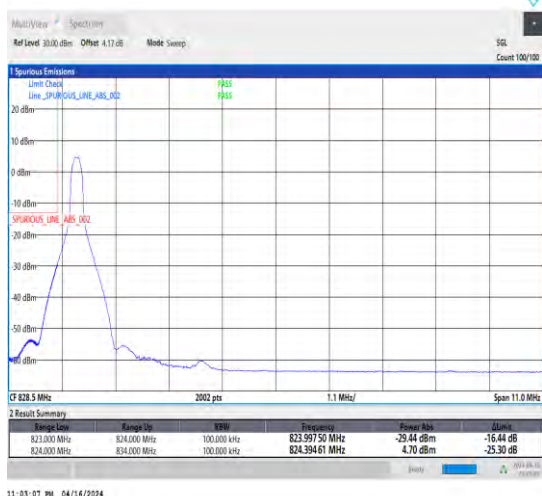
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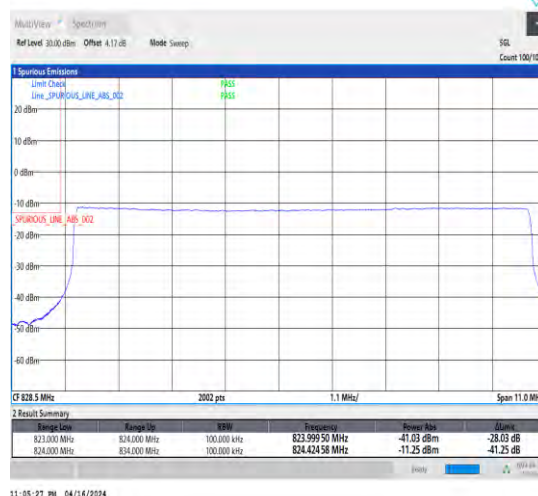
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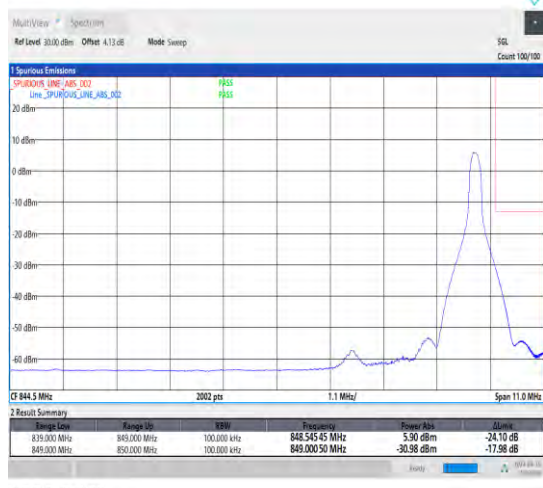
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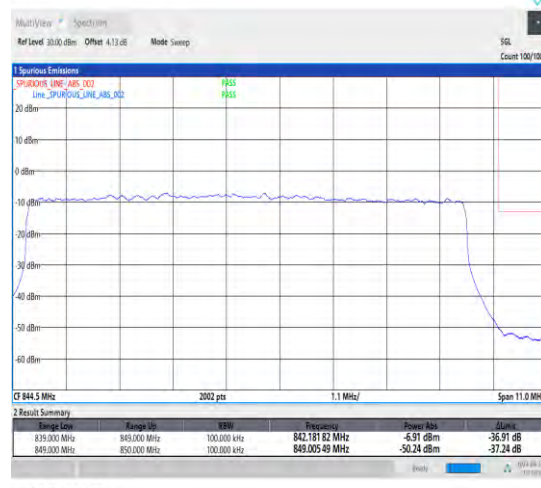
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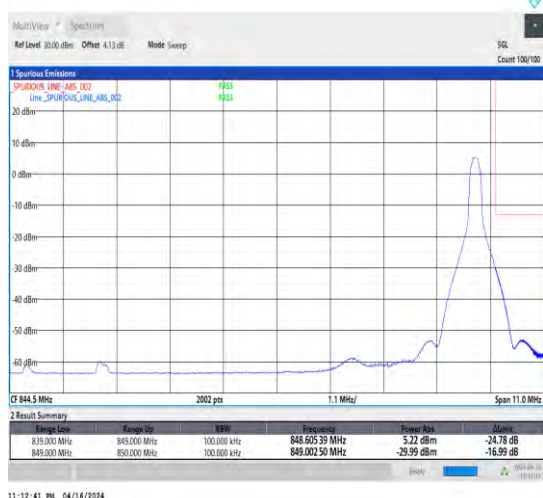
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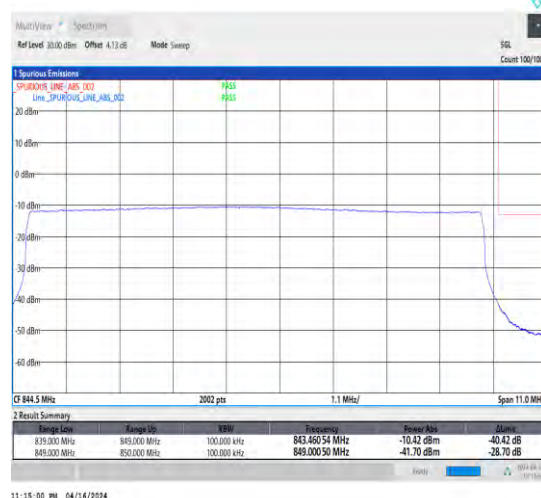
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1-N5-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-An
t1-1-seegraph-PASS-see graph



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-1-seegraph-PASS-see graph



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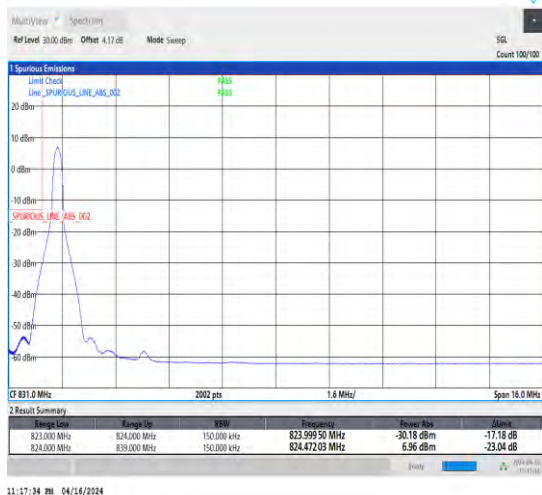
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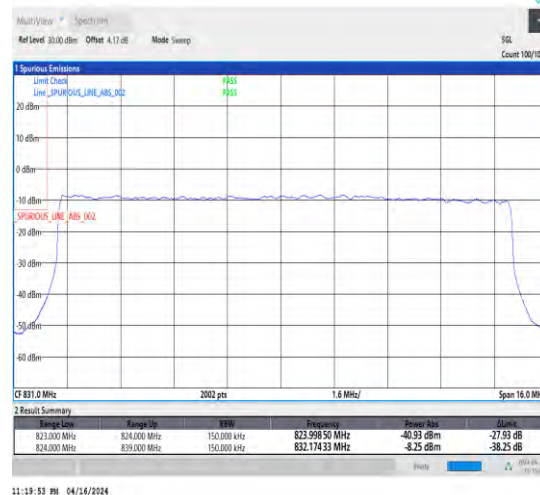
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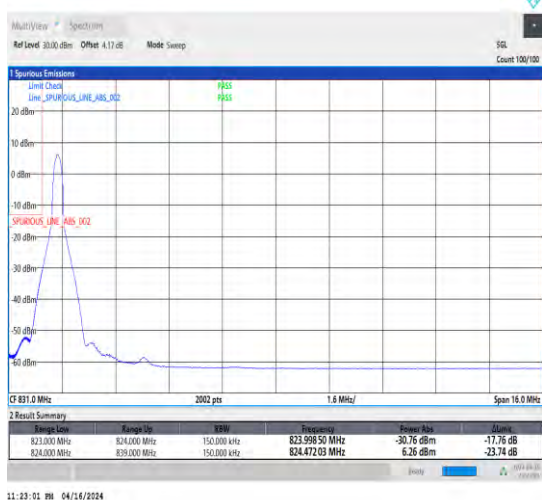
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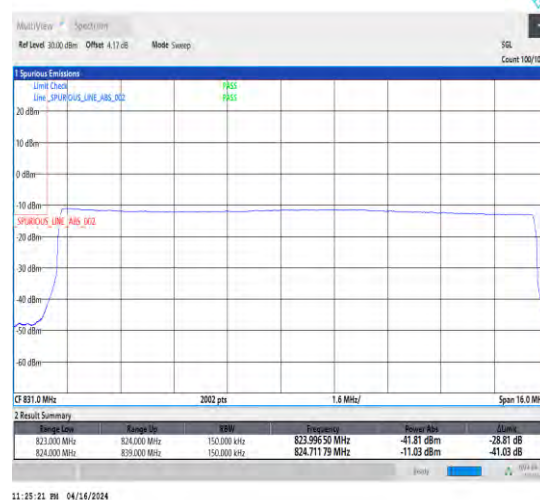
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1-N5-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N5-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



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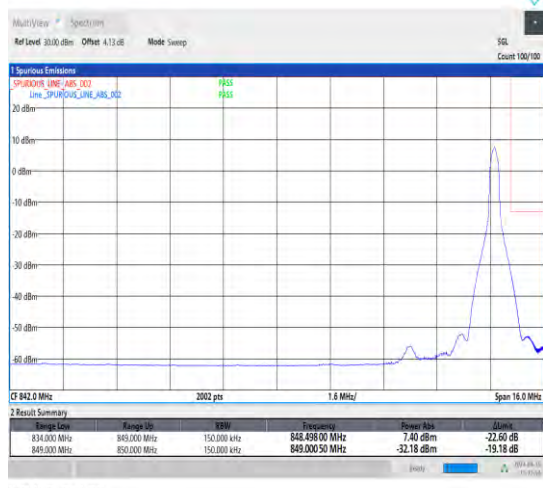
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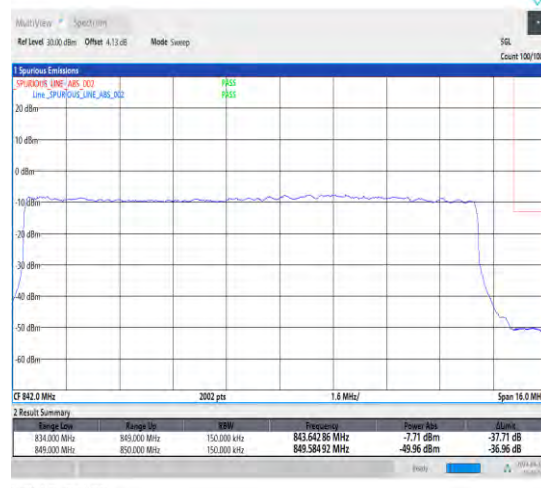
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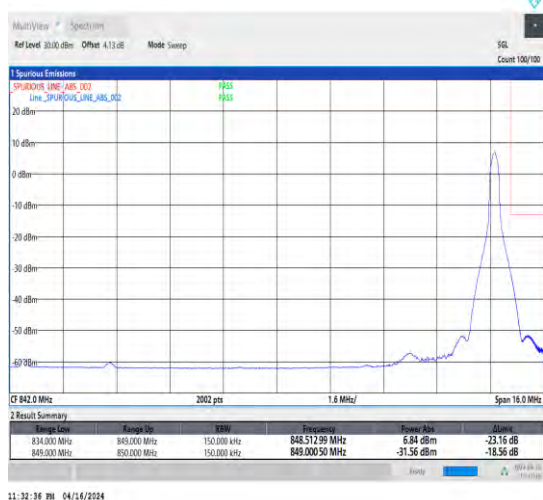
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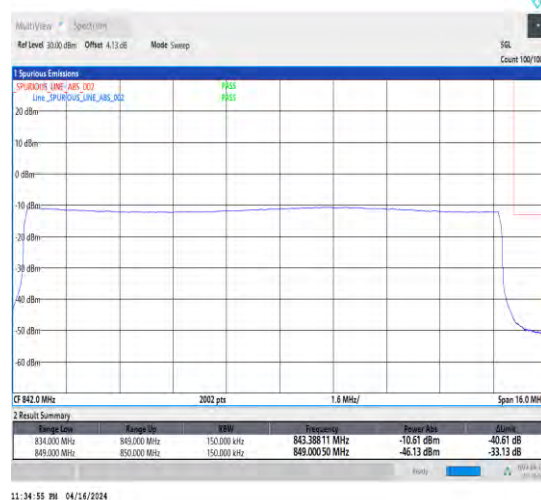
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8-Ant1-1-seegraph-PASS-see graph



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1-N5-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-An
t1-1-seegraph-PASS-see graph



1-N5-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1
-1-seegraph-PASS-see graph



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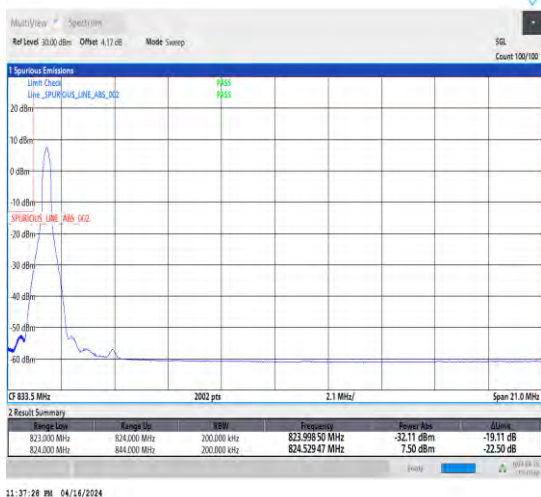
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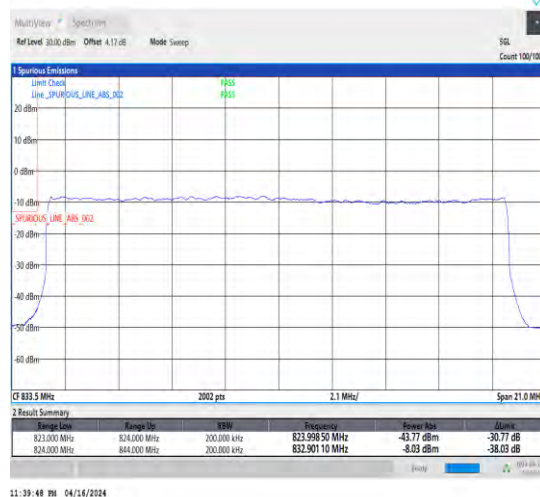
Rev.: 01

Page: 45 of 66



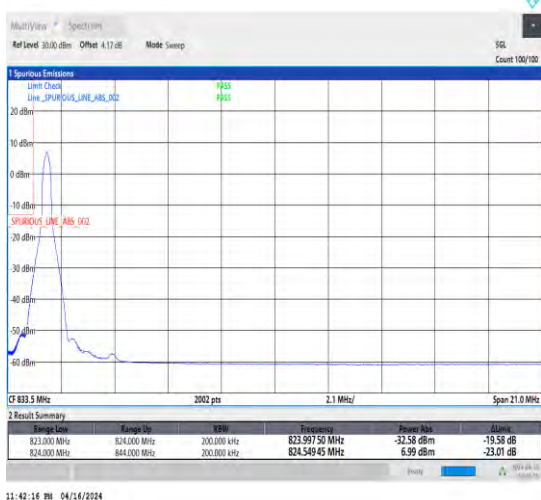
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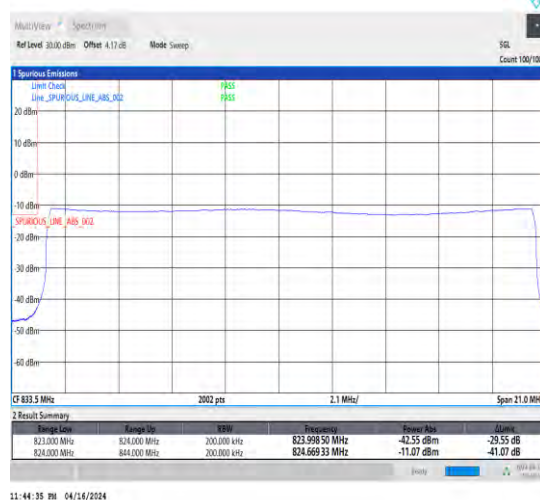
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11:44:35 PM 04/16/2024

1-N5-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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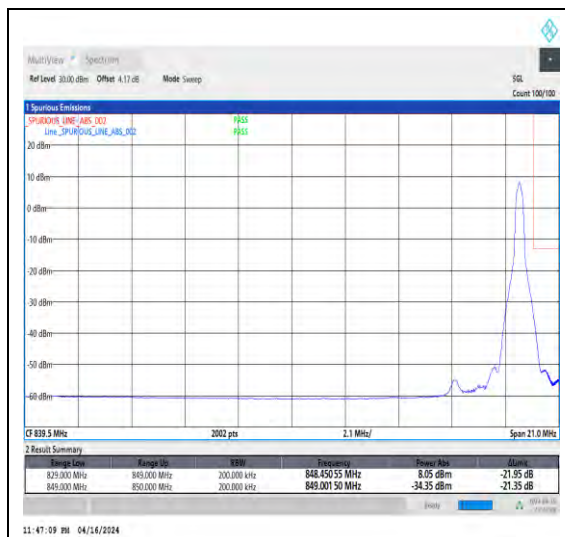
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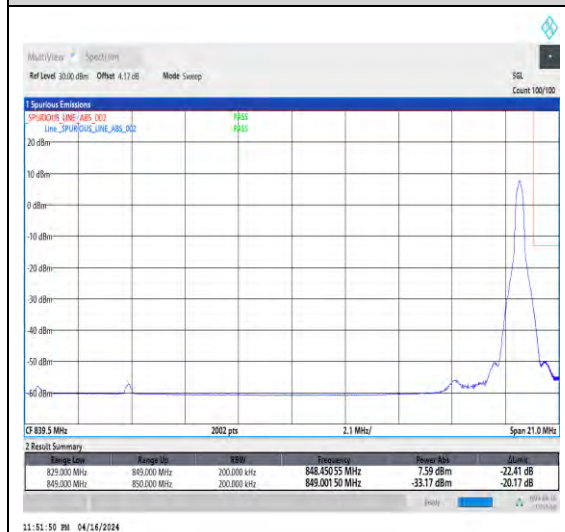
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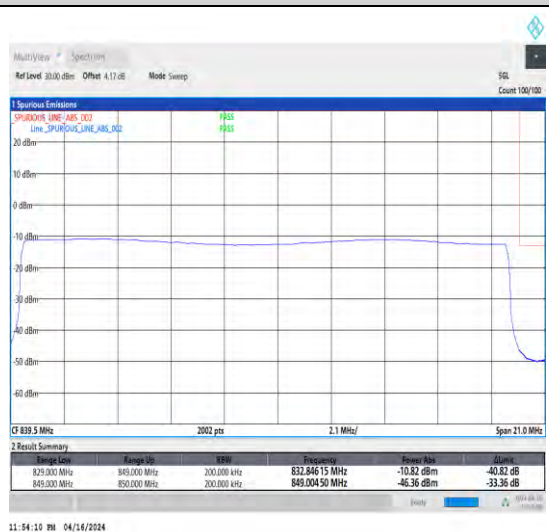
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graph



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0@0-Ant1-1-seegraph-PASS-see graph



1-N5-15-20-H-5-CP-QPSK-Edge_1RB_Right
-1@105-Ant1-1-seegraph-PASS-see graph



1-N5-15-20-H-6-CP-QPSK-Outer_Full-106@
0-Ant1-1-seegraph-PASS-see graph



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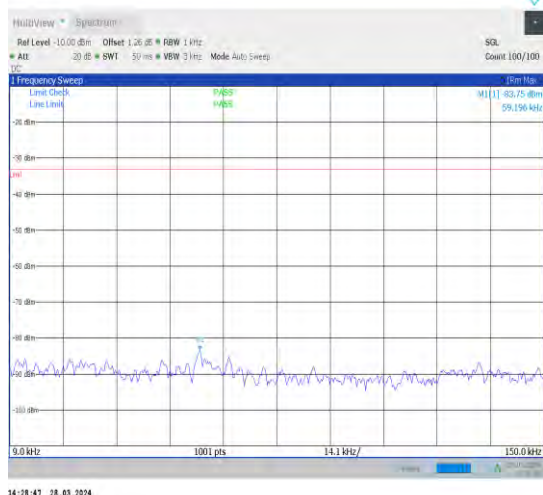
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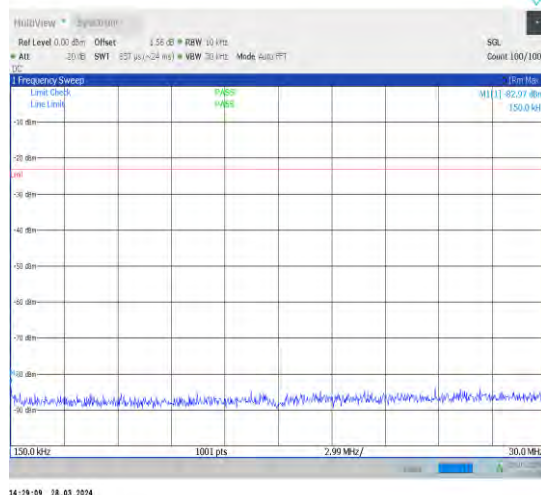
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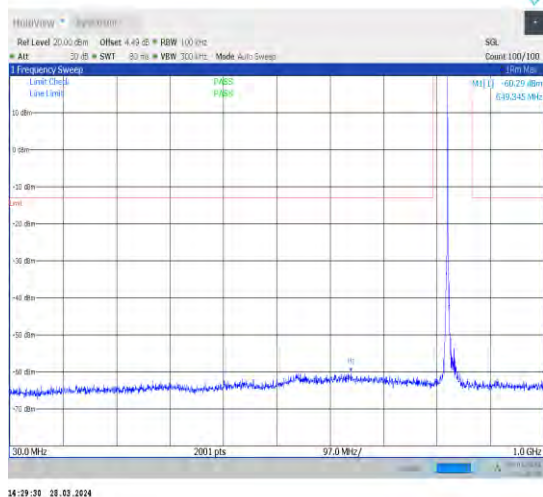
Test Graphs



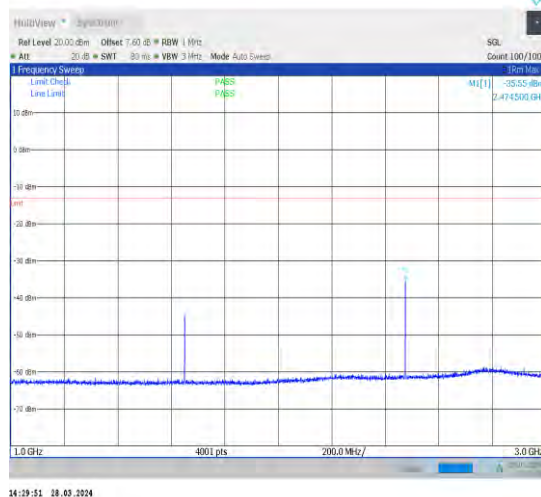
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1-N5-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1
-0.15-30-Ant1-0.15--82.97--23-PASS



1-N5-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1
-30-1000-Ant1-649.35--60.29--13-PASS



1-N5-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1
-1000-3000-Ant1-2474.50--35.55--13-PASS



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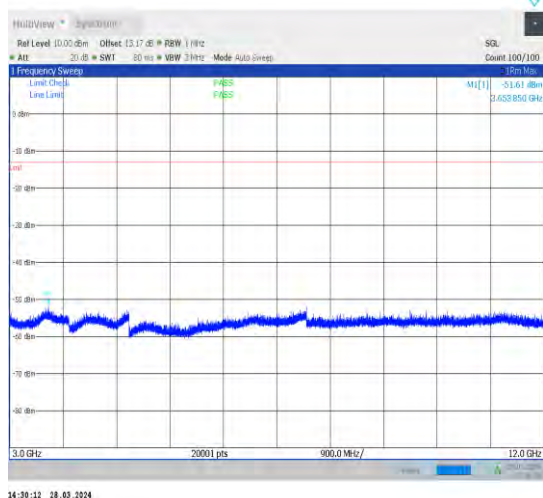
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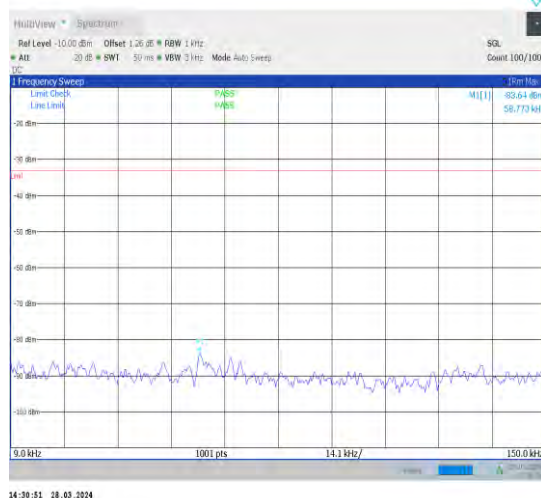
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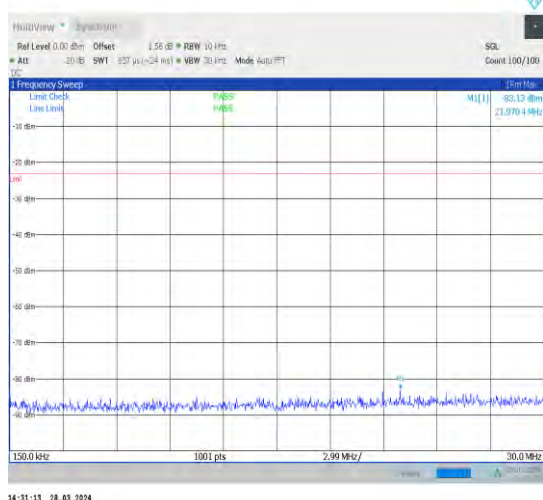
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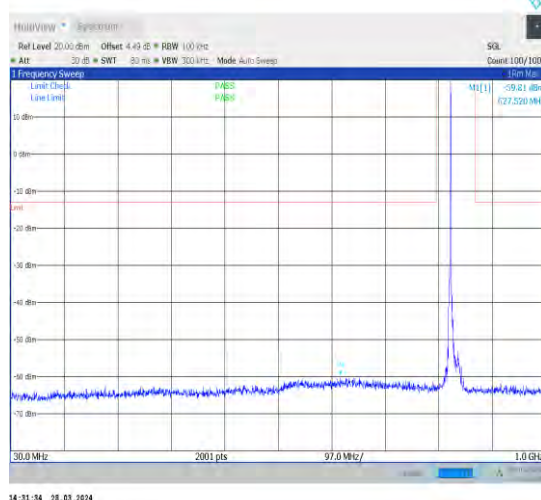
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1-N5-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-21.97--83.13--23-PASS



1-N5-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-627.52--59.81--13-PASS



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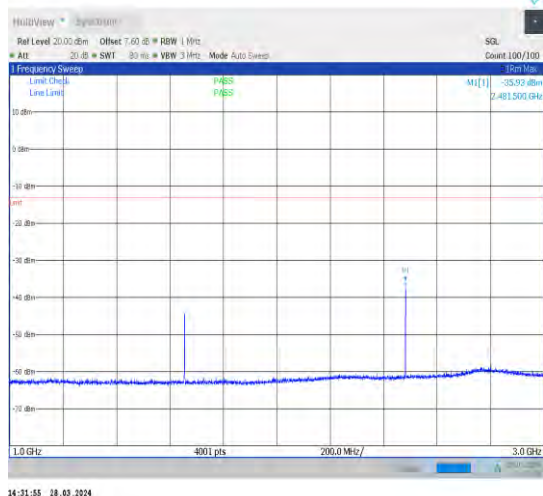
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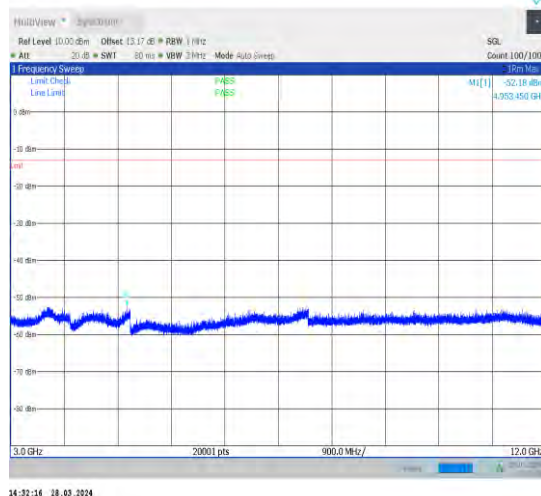
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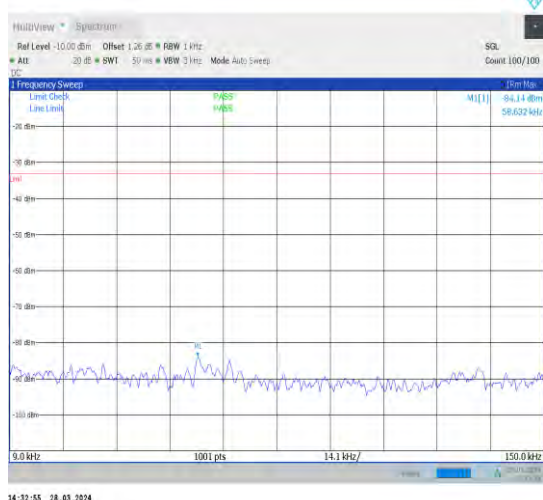
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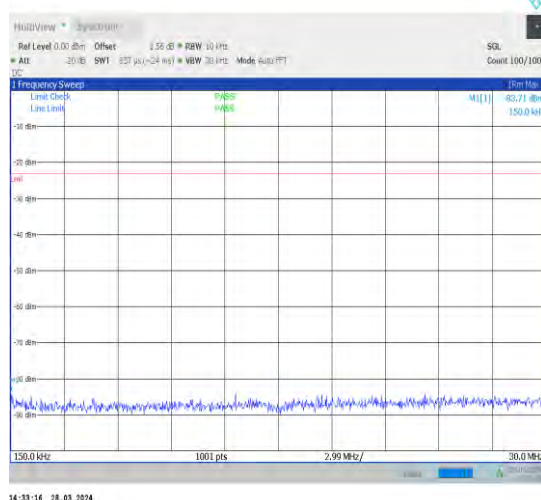
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1-N5-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1
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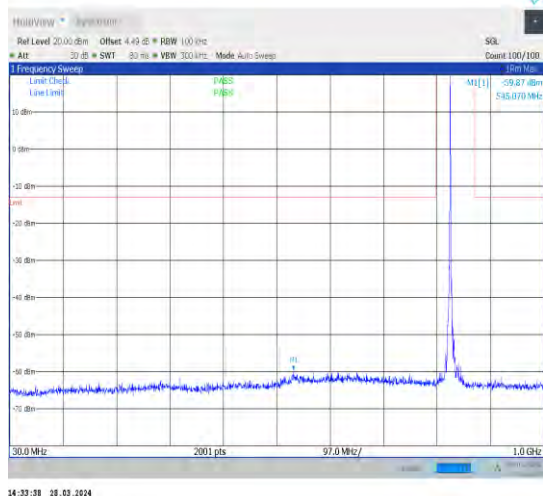
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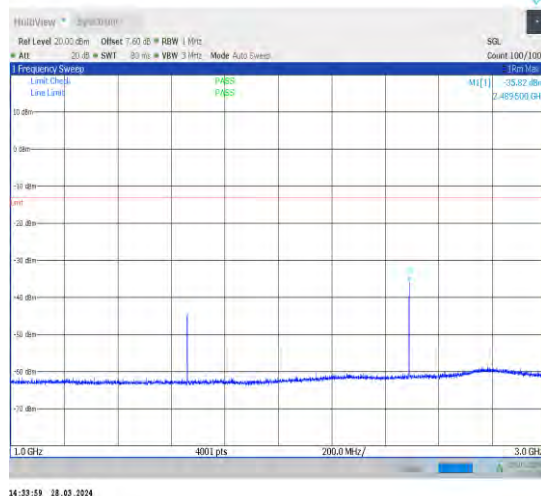
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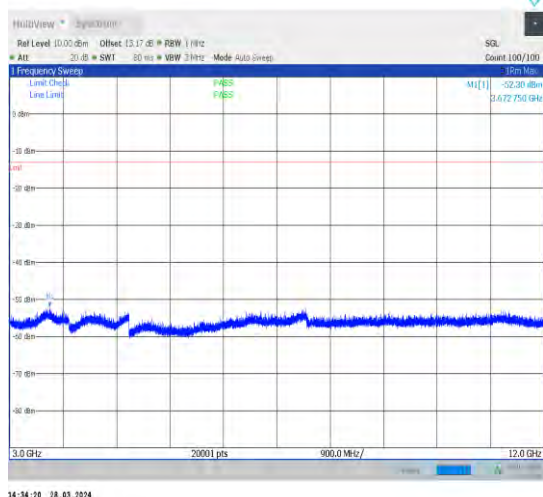
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1-N5-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1
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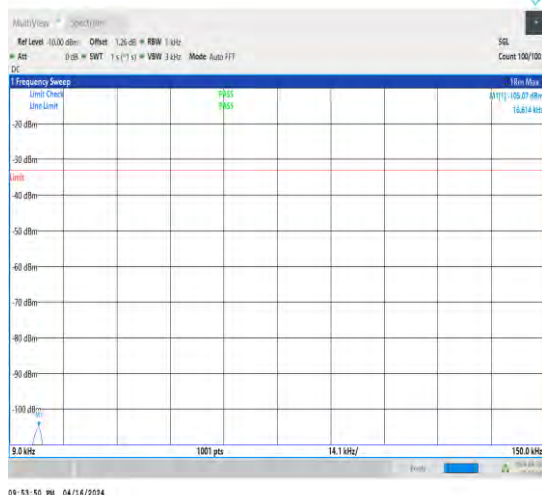
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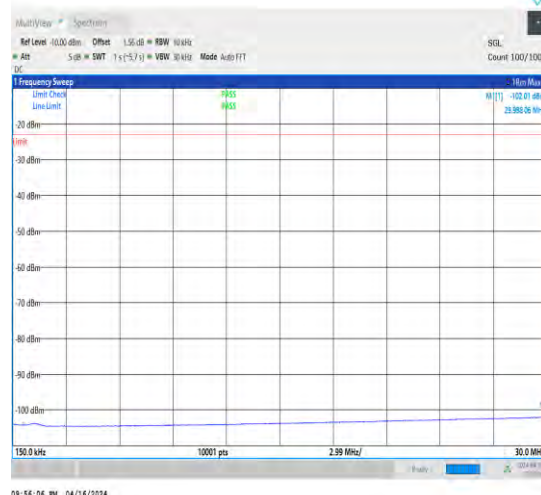
Page: 51 of 66

Conducted Spurious Emission for MIMO ANT1

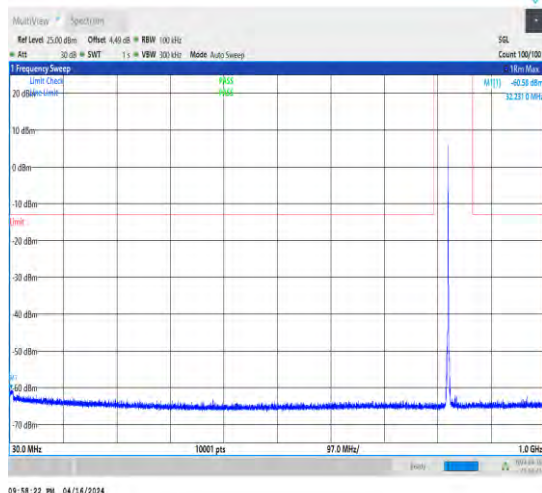
Test Graphs



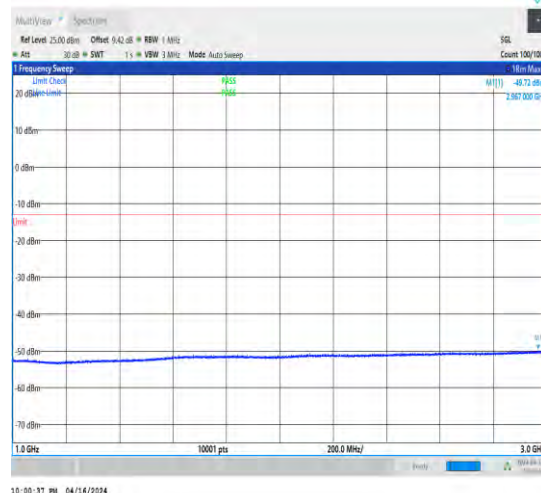
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5-30-Ant1-29.99--102.01--23-PASS



1-N5-15-20-L-1-DFT-QPSK-Edge_1RB_Left-1@0-3
0-1000-Ant1-32.23--60.58--13-PASS



1-N5-15-20-L-1-DFT-QPSK-Edge_1RB_Left-1@0-10
00-3000-Ant1-2967.00--49.72--13-PASS



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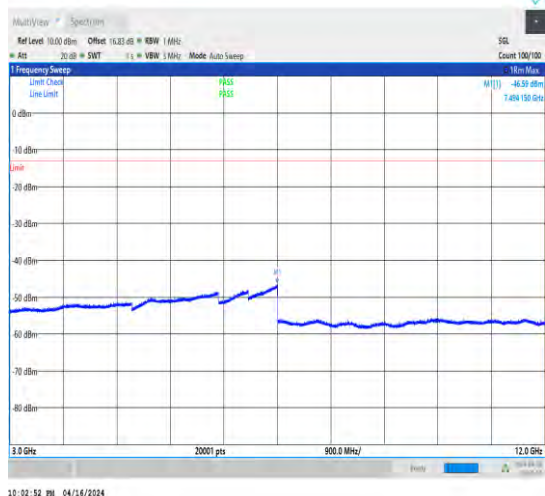
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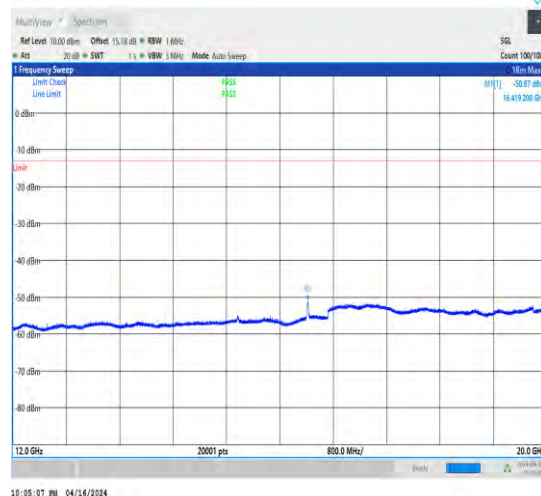
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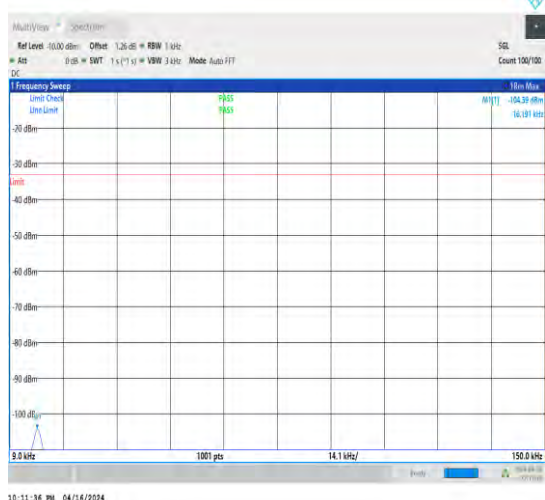
Page: 52 of 66



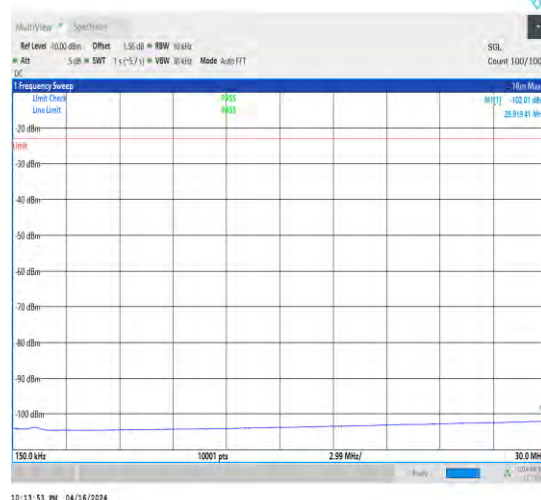
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000-20000-Ant1-16419.20--50.97--13-PASS



1-N5-15-20-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0
.009-0.15-Ant1-0.02--104.39--33-PASS



1-N5-15-20-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.
15-30-Ant1-29.92--102.01--23-PASS



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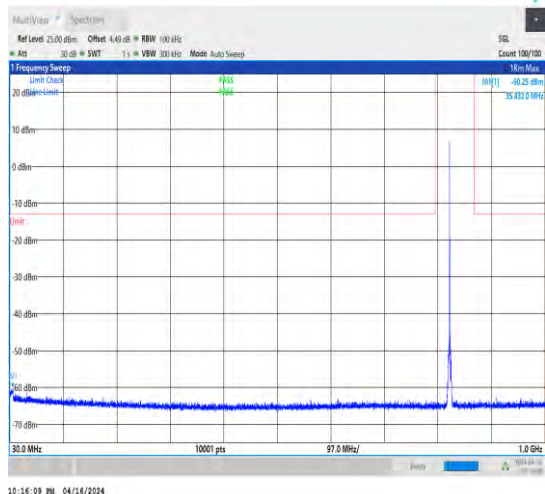
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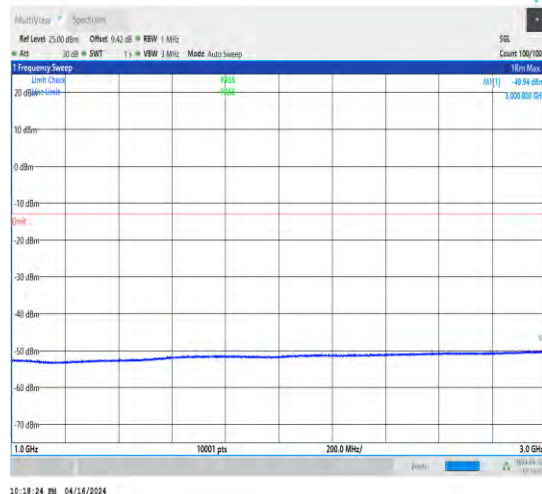
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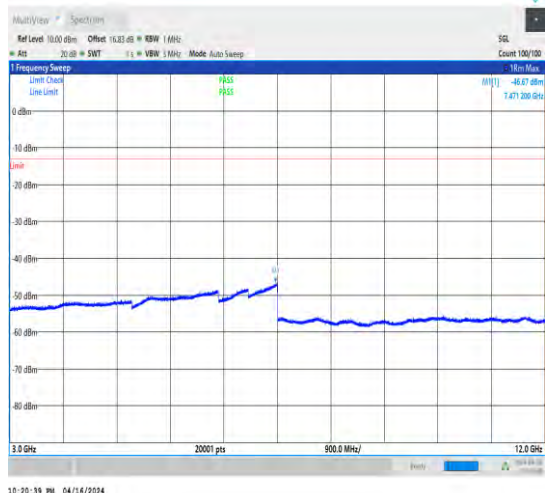
Page: 53 of 66



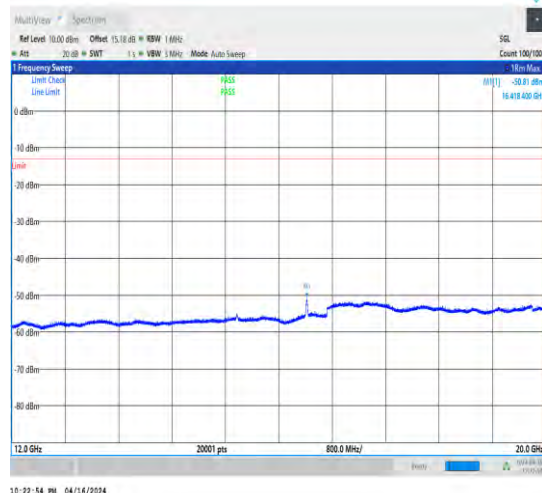
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1-N5-15-20-M-1-DFT-QPSK-Edge_1RB_Left-1@0-10
00-3000-Ant1-3000.00--49.94--13-PASS



1-N5-15-20-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3
000-12000-Ant1-7471.20--46.67--13-PASS



1-N5-15-20-M-1-DFT-QPSK-Edge_1RB_Left-1@0-12
000-20000-Ant1-16418.40--50.81--13-PASS



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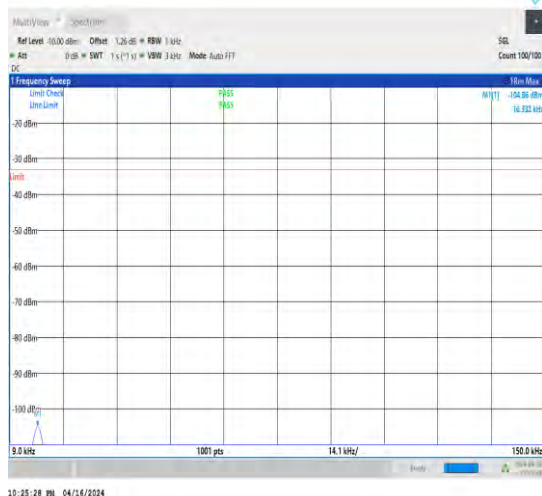
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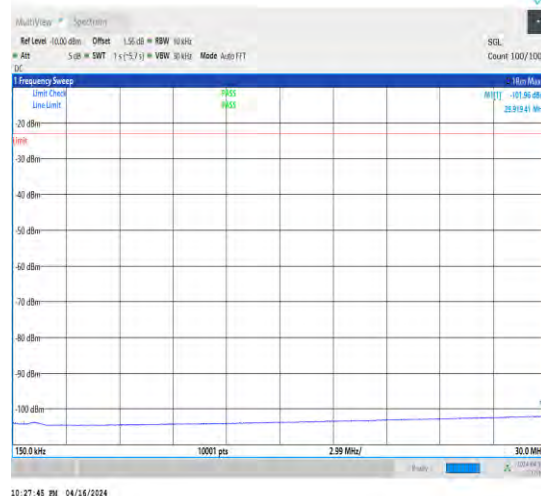
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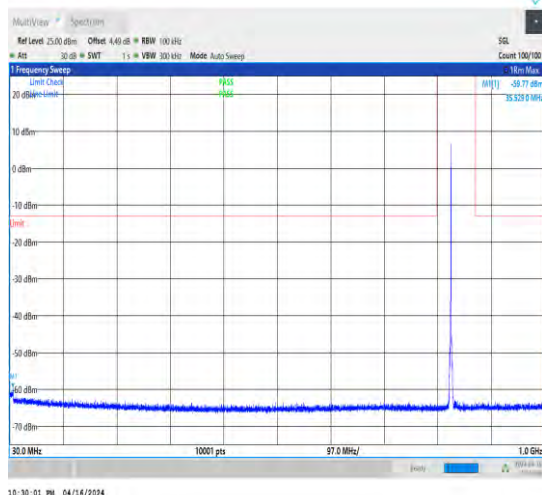
Page: 54 of 66



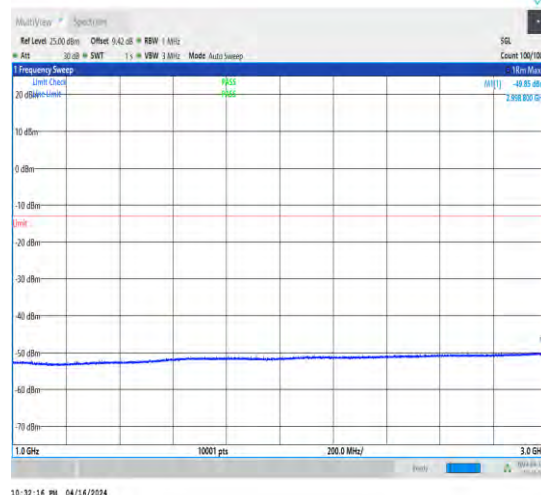
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1-N5-15-20-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-0-1000-Ant1-35.53--59.77--13-PASS



1-N5-15-20-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2998.80--49.85--13-PASS



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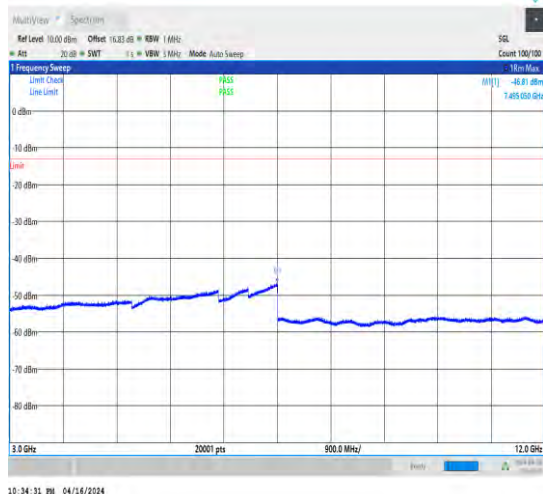
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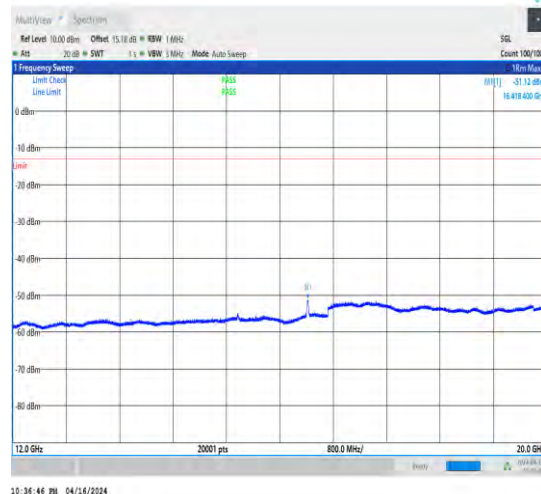
Report No.: SUCR240100001702

Rev.: 01

Page: 55 of 66



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1-N5-15-20-H-1-DFT-QPSK-Edge_1RB_Left-1@0-12
000-20000-Ant1-16418.40--51.12--13-PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 56 of 66

Field Strength of Spurious Radiation

Test Band = SA_n5

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1227.5	47.65	-47.29	24.55	-70.35	-13.00	57.35	Horizontal
2	1812.5	49.44	-46.60	25.45	-66.97	-13.00	53.97	Horizontal
3	2638	47.33	-45.50	27.90	-65.53	-13.00	52.53	Horizontal
4	3317	47.93	-44.75	28.53	-63.55	-13.00	50.55	Horizontal
5	4744.5	46.00	-42.94	30.51	-61.69	-13.00	48.69	Horizontal
6	6833	44.15	-39.26	35.53	-54.84	-13.00	41.84	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1237.5	47.48	-47.25	24.53	-70.50	-13.00	57.50	Vertical
2	1812.5	51.79	-46.60	25.45	-64.62	-13.00	51.62	Vertical
3	2952	46.88	-45.03	28.31	-65.10	-13.00	52.10	Vertical
4	4421	46.20	-43.30	30.10	-62.26	-13.00	49.26	Vertical
5	7059	43.55	-38.91	36.15	-54.47	-13.00	41.47	Vertical
6	9945	41.92	-34.93	38.65	-49.62	-13.00	36.62	Vertical



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Page: 57 of 66

Test Band = SA_n5
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1294.5	47.39	-47.21	24.59	-70.49	-13.00	57.49	Horizontal
2	1812.5	48.96	-46.60	25.45	-67.45	-13.00	54.45	Horizontal
3	3308.5	49.25	-44.71	28.52	-62.20	-13.00	49.20	Horizontal
4	4796	46.05	-42.83	30.78	-61.26	-13.00	48.26	Horizontal
5	7158	43.46	-38.44	36.43	-53.81	-13.00	40.81	Horizontal
6	9119.5	42.27	-34.97	37.04	-50.92	-13.00	37.92	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1304	47.59	-47.20	24.64	-70.23	-13.00	57.23	Vertical
2	1812.5	51.72	-46.60	25.45	-64.69	-13.00	51.69	Vertical
3	2928	47.52	-45.23	28.21	-64.76	-13.00	51.76	Vertical
4	5197.5	45.78	-42.08	31.90	-59.66	-13.00	46.66	Vertical
5	7041	43.87	-38.90	36.09	-54.20	-13.00	41.20	Vertical
6	9773	41.81	-35.11	38.39	-50.17	-13.00	37.17	Vertical



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Rev.: 01

Page: 58 of 66

Test Band = SA_n5

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1356	47.36	-47.06	25.08	-69.88	-13.00	56.88	Horizontal
2	1812.5	48.32	-46.60	25.45	-68.09	-13.00	55.09	Horizontal
3	3318	48.77	-44.76	28.54	-62.71	-13.00	49.71	Horizontal
4	5041.5	45.83	-42.62	31.53	-60.52	-13.00	47.52	Horizontal
5	6838.5	44.24	-39.30	35.55	-54.77	-13.00	41.77	Horizontal
6	8439	43.10	-36.25	36.42	-51.99	-13.00	38.99	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1812.5	51.61	-46.60	25.45	-64.80	-13.00	51.80	Vertical
2	2349.5	47.49	-46.03	27.60	-66.20	-13.00	53.20	Vertical
3	3318	48.88	-44.76	28.54	-62.60	-13.00	49.60	Vertical
4	4147.5	47.81	-43.63	29.41	-61.67	-13.00	48.67	Vertical
5	6219.5	44.87	-40.31	33.38	-57.32	-13.00	44.32	Vertical
6	8479.5	42.90	-36.04	36.46	-51.94	-13.00	38.94	Vertical



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Report No.: SUCR240100001702

Rev.: 01

Page: 59 of 66

Test Band = n5 ULMIMO_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1920	46.39	-48.02	25.96	-70.93	-13.00	57.93	Horizontal
2	2428.5714	46.24	-47.40	27.06	-69.36	-13.00	56.36	Horizontal
3	3062.2857	46.76	-46.66	28.16	-67.00	-13.00	54.00	Horizontal
4	4347.4286	44.58	-45.83	30.23	-66.28	-13.00	53.28	Horizontal
5	5292.5714	44.94	-45.27	31.93	-63.66	-13.00	50.66	Horizontal
6	6662.2857	43.73	-44.22	34.39	-61.36	-13.00	48.36	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1371.4286	46.40	-48.04	25.19	-71.71	-13.00	58.71	Vertical
2	1684.5714	46.44	-48.18	25.48	-71.51	-13.00	58.51	Vertical
3	2088.5714	46.37	-47.73	26.38	-70.24	-13.00	57.24	Vertical
4	2712	46.15	-47.03	27.58	-68.56	-13.00	55.56	Vertical
5	3545.7143	45.39	-46.45	28.67	-67.65	-13.00	54.65	Vertical
6	5378.2857	45.29	-45.04	32.08	-62.93	-13.00	49.93	Vertical



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Report No.: SUCR240100001702

Rev.: 01

Page: 60 of 66

Test Band = n5 ULMIMO_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411.4286	46.47	-48.04	25.21	-71.62	-13.00	58.62	Horizontal
2	1762.8571	46.41	-48.03	25.56	-71.32	-13.00	58.32	Horizontal
3	2581.1429	46.15	-46.99	27.35	-68.76	-13.00	55.76	Horizontal
4	3062.8571	47.00	-46.66	28.16	-66.76	-13.00	53.76	Horizontal
5	4444	44.62	-45.76	30.47	-65.94	-13.00	52.94	Horizontal
6	5437.1429	45.39	-45.03	32.19	-62.72	-13.00	49.72	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1227.4286	46.52	-48.45	25.11	-72.08	-13.00	59.08	Vertical
2	1642.8571	46.47	-48.23	25.44	-71.58	-13.00	58.58	Vertical
3	2228	46.47	-47.63	26.66	-69.76	-13.00	56.76	Vertical
4	3062.2857	46.26	-46.66	28.16	-67.50	-13.00	54.50	Vertical
5	4312.5714	44.10	-45.79	30.15	-66.80	-13.00	53.80	Vertical
6	5422.8571	45.43	-45.01	32.16	-62.68	-13.00	49.68	Vertical



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Report No.: SUCR240100001702

Rev.: 01

Page: 61 of 66

Test Band = n5 ULMIMO_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1441.7143	46.85	-48.13	25.24	-71.30	-13.00	58.30	Horizontal
2	1812.5714	47.16	-47.96	25.64	-70.42	-13.00	57.42	Horizontal
3	2589.7143	46.06	-46.96	27.36	-68.80	-13.00	55.80	Horizontal
4	3156.5714	45.77	-46.49	28.26	-67.72	-13.00	54.72	Horizontal
5	4450.8571	44.78	-45.74	30.48	-65.74	-13.00	52.74	Horizontal
6	5411.4286	45.94	-44.99	32.14	-62.17	-13.00	49.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1264	47.43	-48.29	25.13	-70.99	-13.00	57.99	Vertical
2	1648.5714	46.14	-48.22	25.45	-71.89	-13.00	58.89	Vertical
3	1961.1429	46.43	-47.96	26.08	-70.70	-13.00	57.70	Vertical
4	2788.5714	45.72	-46.93	27.72	-68.76	-13.00	55.76	Vertical
5	3866.2857	44.93	-46.21	29.19	-67.35	-13.00	54.35	Vertical
6	4901.7143	44.77	-45.58	31.24	-64.83	-13.00	51.83	Vertical



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Report No.: SUCR240100001702

Rev.: 01

Page: 62 of 66

Test Band = NSA_B48+n5

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1595.4246	36.45	-17.41	25.02	-51.20	-13.00	38.20	Horizontal
2	6019.1683	38.60	-10.81	33.19	-34.28	-13.00	21.28	Horizontal
3	7245.8123	48.18	-38.80	36.33	-49.55	-13.00	36.55	Horizontal
4	11344.6172	44.33	-35.62	40.19	-46.36	-13.00	33.36	Horizontal
5	14491.1746	42.60	-32.17	41.60	-43.23	-13.00	30.23	Horizontal
6	16427.8714	40.96	-28.48	38.94	-43.84	-13.00	30.84	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1805.8172	36.41	-17.10	25.42	-50.53	-13.00	37.53	Vertical
2	6081.9652	38.70	-10.98	33.44	-34.10	-13.00	21.10	Vertical
3	7245.8123	58.94	-38.80	36.33	-38.79	-13.00	25.79	Vertical
4	10868.4934	47.68	-35.47	40.01	-43.04	-13.00	30.04	Vertical
5	14491.1746	49.56	-32.17	41.60	-36.27	-13.00	23.27	Vertical
6	16407.1704	41.61	-28.72	38.84	-43.53	-13.00	30.53	Vertical



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Report No.: SUCR240100001702

Rev.: 01

Page: 63 of 66

Test Band = NSA_B48+n5

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1377.6981	35.50	-17.43	24.99	-52.20	-13.00	39.20	Horizontal
2	5749.6458	39.39	-10.91	32.50	-34.28	-13.00	21.28	Horizontal
3	7245.8123	55.44	-38.80	36.33	-42.29	-13.00	29.29	Horizontal
4	10868.4934	50.26	-35.47	40.01	-40.46	-13.00	27.46	Horizontal
5	14491.1746	54.14	-32.17	41.60	-31.69	-13.00	18.69	Horizontal
6	16451.4476	40.90	-28.24	39.06	-43.54	-13.00	30.54	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2100.0917	37.12	-16.99	26.80	-48.33	-13.00	35.33	Vertical
2	6210.7676	38.67	-10.55	33.44	-33.70	-13.00	20.70	Vertical
3	7245.8123	63.43	-38.80	36.33	-34.30	-13.00	21.30	Vertical
4	10869.0685	53.10	-35.47	40.01	-37.62	-13.00	24.62	Vertical
5	14491.7496	54.02	-32.16	41.60	-31.80	-13.00	18.80	Vertical
6	16491.1246	41.37	-29.20	39.26	-43.83	-13.00	30.83	Vertical



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Rev.: 01

Page: 64 of 66

Test Band = NSA_B48+n5

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1598.1748	36.39	-17.41	25.07	-51.21	-13.00	38.21	Horizontal
2	5635.9697	38.61	-11.49	32.53	-35.61	-13.00	22.61	Horizontal
3	7245.8123	55.07	-38.80	36.33	-42.66	-13.00	29.66	Horizontal
4	10868.4934	45.96	-35.47	40.01	-44.76	-13.00	31.76	Horizontal
5	14491.1746	52.53	-32.17	41.60	-33.30	-13.00	20.30	Horizontal
6	16495.1498	41.58	-29.29	39.28	-43.69	-13.00	30.69	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1647.679	36.53	-16.90	25.48	-50.15	-13.00	37.15	Vertical
2	5953.1628	39.24	-11.00	32.91	-34.11	-13.00	21.11	Vertical
3	7245.8123	63.28	-38.80	36.33	-34.45	-13.00	21.45	Vertical
4	10868.4934	54.43	-35.47	40.01	-36.29	-13.00	23.29	Vertical
5	14491.7496	54.02	-32.16	41.60	-31.80	-13.00	18.80	Vertical
6	16452.0226	41.00	-28.26	39.06	-43.46	-13.00	30.46	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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Report No.: SUCR240100001702

Rev.: 01

Page: 65 of 66

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
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-8.200000	-0.009803	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.000000	-0.009564	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-7.500000	-0.008966	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	0.000000	0.000000	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.500000	-0.000598	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-1.700000	-0.002032	PASS



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Report No.: SUCR240100001702

Rev.: 01

Page: 66 of 66

Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-8.900000	-0.010640	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-7.100000	-0.008488	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-7.800000	-0.009325	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-7.500000	-0.008966	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-8.500000	-0.010161	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-6.600000	-0.007890	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-5.900000	-0.007053	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-7.900000	-0.009444	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-8.000000	-0.009564	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-0.600000	-0.000717	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-1.300000	-0.001554	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.000000	-0.001195	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-1.200000	-0.001435	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.700000	-0.002032	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-1.200000	-0.001435	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-1.900000	-0.002271	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-0.300000	-0.000359	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-0.500000	-0.000598	PASS

---End of Attachment---



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