

Report No.: SUCR240200003403

Rev.: 01

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Appendix B.27

NR Band n77(3450-3550)



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Member of the SGS Group (SGS SA)



Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	13.67	11.91	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	12.59	10.83	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	13.42	11.66	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	12.31	10.55	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	12.71	10.95	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	11.65	9.89	30.00	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	13.79	12.03	30.00	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	12.82	11.06	30.00	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	13.47	11.71	30.00	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	12.35	10.59	30.00	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	13.02	11.26	30.00	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	11.83	10.07	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	13.7	11.94	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	12.67	10.91	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	13.26	11.5	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	12.25	10.49	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	12.71	10.95	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	11.47	9.71	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	13.49	11.73	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	12.71	10.95	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	13.04	11.28	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	12.15	10.39	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	12.72	10.96	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	11.63	9.87	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	13.78	12.02	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	12.77	11.01	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	13.41	11.65	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	12.44	10.68	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	13.07	11.31	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	12.04	10.28	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	13.7	11.94	30.00	PASS



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N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	12.73	10.97	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	13.4	11.64	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	12.28	10.52	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	13.24	11.48	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	12.19	10.43	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	13.71	11.95	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	12.85	11.09	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	13.73	11.97	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	12.55	10.79	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	13.27	11.51	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	12.43	10.67	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	13.64	11.88	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	12.77	11.01	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	13.36	11.6	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	12.52	10.76	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	13.5	11.74	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	12.57	10.81	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	13.68	11.92	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	12.64	10.88	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	13.65	11.89	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	12.62	10.86	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	13.42	11.66	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	12.71	10.95	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	14.04	12.28	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	14.34	12.58	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	13.64	11.88	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	13.84	12.08	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	14.4	12.64	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	13.15	11.39	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	13.07	11.31	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	13.41	11.65	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	12.02	10.26	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	11.44	9.68	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	11.83	10.07	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	11.69	9.93	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	9.19	7.43	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	9.45	7.69	30.00	PASS



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N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	9.65	7.89	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	13.74	11.98	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	13.76	12	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	13.59	11.83	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	13.7	11.94	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	13.73	11.97	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	12.82	11.06	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	12.71	10.95	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	12.88	11.12	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	11.94	10.18	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	11.5	9.74	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	11.34	9.58	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	11.34	9.58	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	9	7.24	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	9.24	7.48	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	9.54	7.78	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	13.56	11.8	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	14.32	12.56	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	13.43	11.67	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	14.06	12.3	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	14.29	12.53	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	13.63	11.87	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	13.91	12.15	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	14.31	12.55	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	13.03	11.27	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	13.18	11.42	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	13.42	11.66	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	12.07	10.31	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	11.52	9.76	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	11.71	9.95	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	11.47	9.71	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	9.24	7.48	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	9.58	7.82	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	9.51	7.75	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	13.83	12.07	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	13.69	11.93	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	13.37	11.61	30.00	PASS



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N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	13.71	11.95	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	13.63	11.87	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	12.84	11.08	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	12.9	11.14	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	13.02	11.26	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	11.89	10.13	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	11.53	9.77	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	11.31	9.55	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	11.4	9.64	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	8.96	7.2	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	8.99	7.23	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	9.39	7.63	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	13.31	11.55	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	14.21	12.45	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	13.54	11.78	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	13.26	11.5	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	14.25	12.49	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	12.89	11.13	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	12.7	10.94	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	13.44	11.68	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	12.21	10.45	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	10.74	8.98	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	11.96	10.2	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	11.45	9.69	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	8.64	6.88	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	9.47	7.71	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	9.5	7.74	30.00	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	Verdict
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	6.74	PASS
N77-3450-3550	30	100	CP-256QAM	L	Outer_Full	8.76	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	8.86	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	8.63	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	8.61	PASS
N77-3450-3550	30	100	CP-256QAM	H	Outer_Full	8.66	PASS



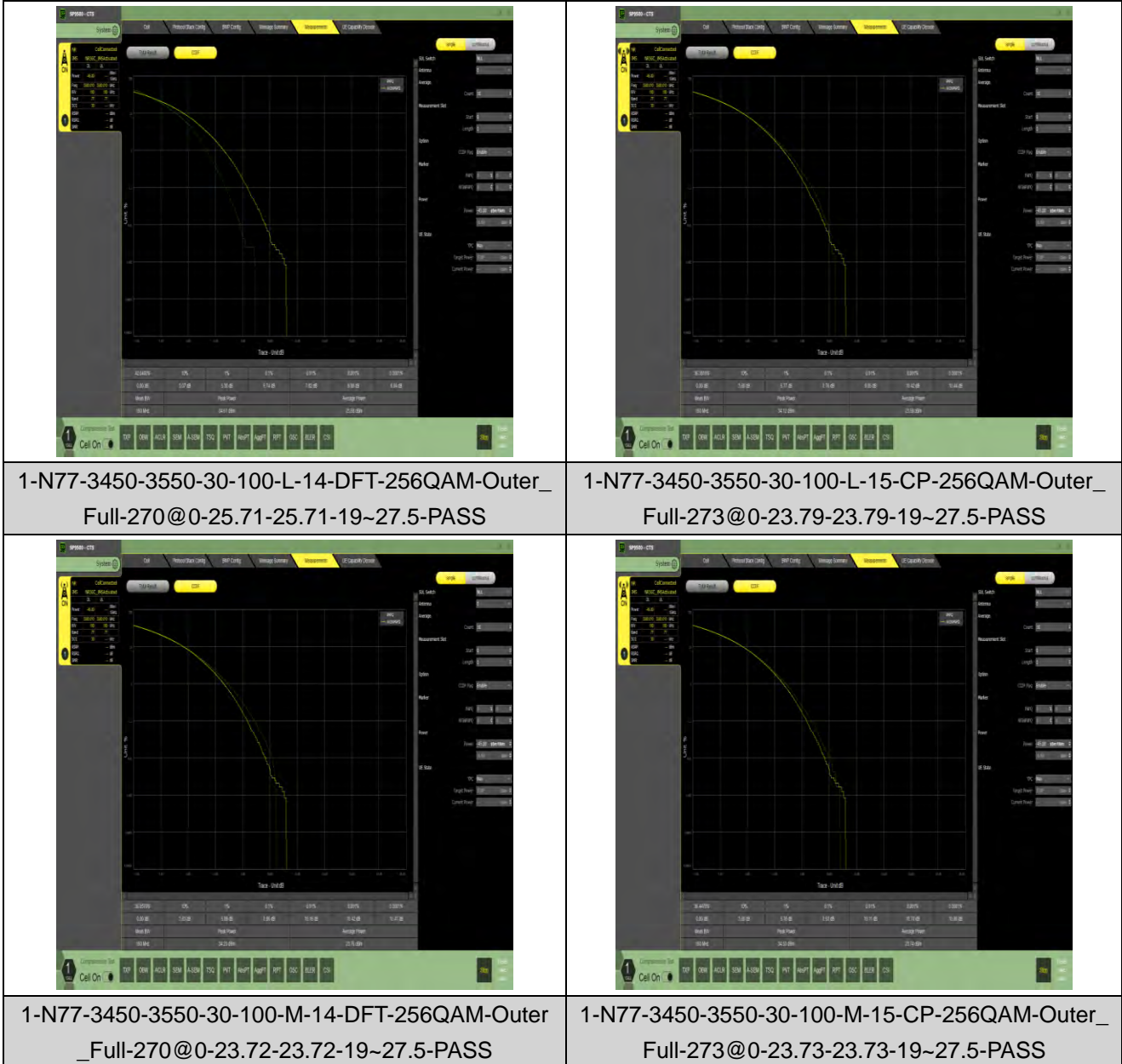
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Test Graphs



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1-N77-3450-3550-30-100-H-14-DFT-256QAM-Outer_
Full-270@0-23.75-23.75-19~27.5-PASS

1-N77-3450-3550-30-100-H-15-CP-256QAM-Outer_
Full-273@0-23.74-23.74-19~27.5-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
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.591	9.300	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.599	9.360	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.581	9.320	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.596	9.240	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.567	9.220	PASS
N77-3450-3550	30	10	CP-QPSK	M	Outer_Full	8.6	10.480	PASS
N77-3450-3550	30	10	CP-16QAM	M	Outer_Full	8.572	9.280	PASS
N77-3450-3550	30	10	CP-64QAM	M	Outer_Full	8.589	9.300	PASS
N77-3450-3550	30	10	CP-256QAM	M	Outer_Full	8.575	9.300	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.967	14.010	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.941	13.950	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.926	13.980	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.985	14.070	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.882	13.980	PASS
N77-3450-3550	30	15	CP-QPSK	M	Outer_Full	13.637	14.790	PASS
N77-3450-3550	30	15	CP-16QAM	M	Outer_Full	13.661	15.840	PASS
N77-3450-3550	30	15	CP-64QAM	M	Outer_Full	13.725	15.840	PASS
N77-3450-3550	30	15	CP-256QAM	M	Outer_Full	13.644	14.700	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.9	19.040	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.945	19.080	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.941	19.120	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.931	19.040	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.837	19.040	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	18.233	19.440	PASS
N77-3450-3550	30	20	CP-16QAM	M	Outer_Full	18.268	21.000	PASS
N77-3450-3550	30	20	CP-64QAM	M	Outer_Full	18.229	19.320	PASS
N77-3450-3550	30	20	CP-256QAM	M	Outer_Full	18.231	19.360	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	36.018	38.560	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	36.057	38.480	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.959	38.560	PASS



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N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	36.03	38.720	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.886	38.560	PASS
N77-3450-3550	30	40	CP-QPSK	M	Outer_Full	38.125	41.600	PASS
N77-3450-3550	30	40	CP-16QAM	M	Outer_Full	38.065	40.640	PASS
N77-3450-3550	30	40	CP-64QAM	M	Outer_Full	38.097	40.640	PASS
N77-3450-3550	30	40	CP-256QAM	M	Outer_Full	38.006	40.720	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.883	48.800	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.778	48.500	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.856	48.700	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.943	48.600	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.779	48.600	PASS
N77-3450-3550	30	50	CP-QPSK	M	Outer_Full	47.694	53.900	PASS
N77-3450-3550	30	50	CP-16QAM	M	Outer_Full	47.66	53.300	PASS
N77-3450-3550	30	50	CP-64QAM	M	Outer_Full	47.761	50.500	PASS
N77-3450-3550	30	50	CP-256QAM	M	Outer_Full	47.596	50.400	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.803	60.840	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.956	60.840	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.753	60.840	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.974	60.840	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.823	60.720	PASS
N77-3450-3550	30	60	CP-QPSK	M	Outer_Full	58.019	60.840	PASS
N77-3450-3550	30	60	CP-16QAM	M	Outer_Full	57.996	60.720	PASS
N77-3450-3550	30	60	CP-64QAM	M	Outer_Full	58.134	60.840	PASS
N77-3450-3550	30	60	CP-256QAM	M	Outer_Full	57.92	60.840	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.268	67.340	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.391	67.340	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.299	67.480	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.392	67.340	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.201	67.340	PASS
N77-3450-3550	30	70	CP-QPSK	M	Outer_Full	67.59	70.700	PASS
N77-3450-3550	30	70	CP-16QAM	M	Outer_Full	67.427	70.700	PASS
N77-3450-3550	30	70	CP-64QAM	M	Outer_Full	67.501	70.700	PASS
N77-3450-3550	30	70	CP-256QAM	M	Outer_Full	67.433	70.560	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	76.968	80.640	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.175	80.640	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	77.059	80.320	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.096	80.480	PASS



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N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	76.989	80.320	PASS
N77-3450-3550	30	80	CP-QPSK	M	Outer_Full	77.519	80.800	PASS
N77-3450-3550	30	80	CP-16QAM	M	Outer_Full	77.511	80.640	PASS
N77-3450-3550	30	80	CP-64QAM	M	Outer_Full	77.583	80.800	PASS
N77-3450-3550	30	80	CP-256QAM	M	Outer_Full	77.435	80.800	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	85.515	89.100	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	85.82	89.460	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	85.541	88.920	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	85.609	89.280	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	85.496	89.100	PASS
N77-3450-3550	30	90	CP-QPSK	M	Outer_Full	87.423	90.900	PASS
N77-3450-3550	30	90	CP-16QAM	M	Outer_Full	87.371	90.900	PASS
N77-3450-3550	30	90	CP-64QAM	M	Outer_Full	87.486	90.900	PASS
N77-3450-3550	30	90	CP-256QAM	M	Outer_Full	87.449	90.900	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.281	100.000	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.448	100.000	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.267	100.000	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.294	100.000	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	96.371	100.000	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	97.36	101.000	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	97.305	108.000	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	97.461	101.000	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	97.41	100.800	PASS

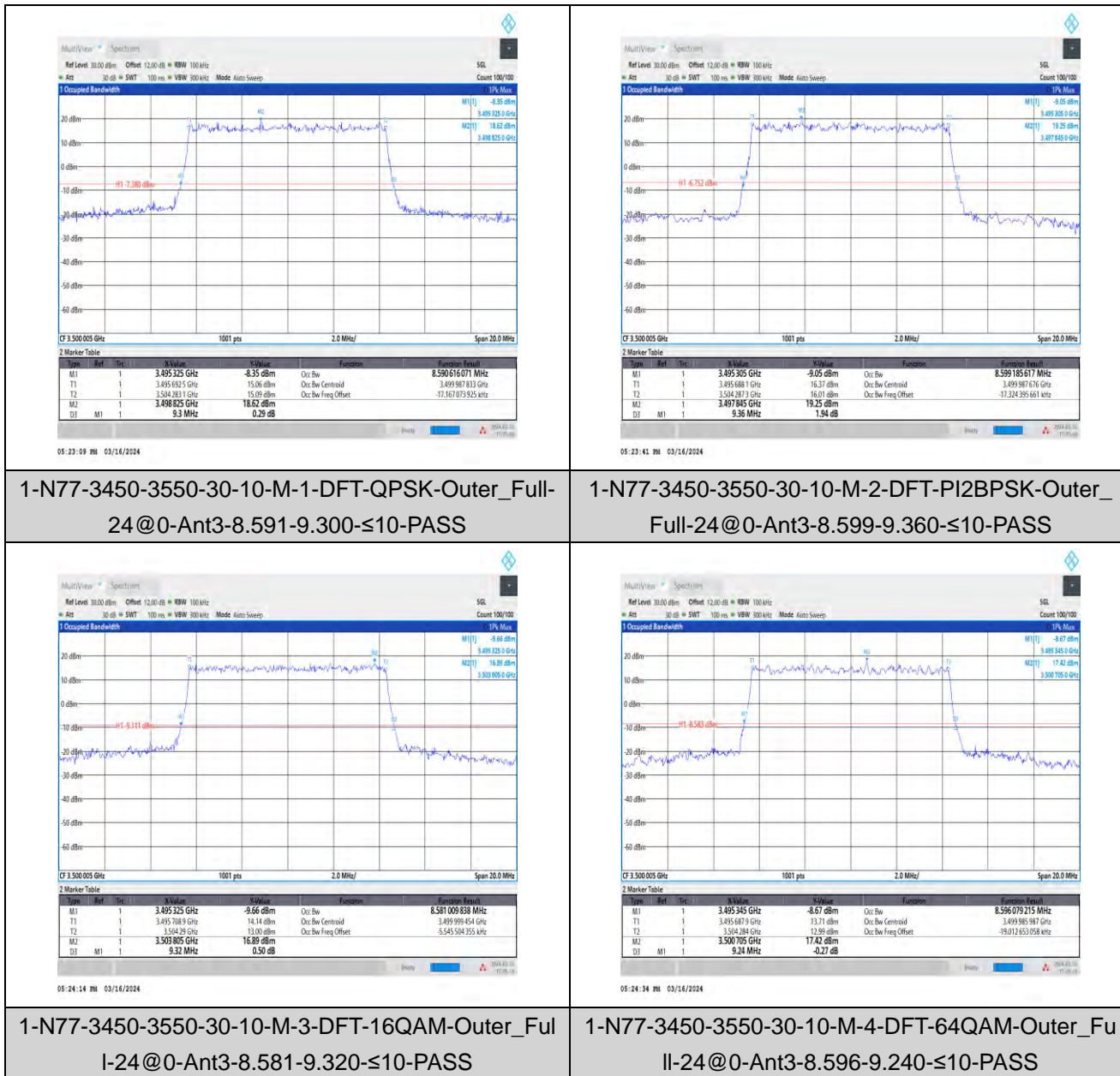


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Test Graphs



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1-N77-3450-3550-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant3-8.567-9.220-≤10-PASS

1-N77-3450-3550-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant3-8.6-10.480-≤10-PASS



1-N77-3450-3550-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant3-8.572-9.280-≤10-PASS

1-N77-3450-3550-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant3-8.589-9.300-≤10-PASS



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1-N77-3450-3550-30-10-M-9-CP-256QAM-Outer_Ful I-24@0-Ant3-8.575-9.300-≤10-PASS



1-N77-3450-3550-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant3-12.967-14.010-≤15-PASS



1-N77-3450-3550-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant3-12.941-13.950-≤15-PASS



1-N77-3450-3550-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant3-12.926-13.980-≤15-PASS



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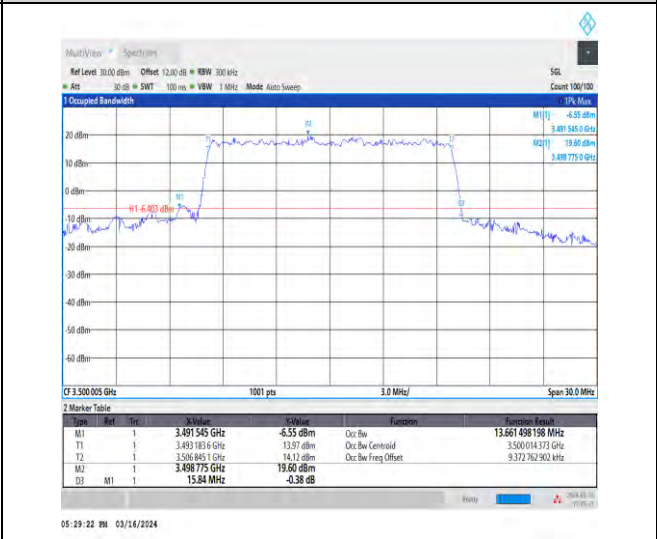
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1-N77-3450-3550-30-15-M-4-DFT-64QAM-Outer_Ful I-36@0-Ant3-12.985-14.070-≤15-PASS

1-N77-3450-3550-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant3-12.882-13.980-≤15-PASS



1-N77-3450-3550-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant3-13.637-14.790-≤15-PASS

1-N77-3450-3550-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant3-13.661-15.840-≤15-PASS



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1-N77-3450-3550-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant3-13.725-15.840-≤15-PASS



1-N77-3450-3550-30-15-M-9-CP-256QAM-Outer_Fu II-38@0-Ant3-13.644-14.700-≤15-PASS



1-N77-3450-3550-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant3-17.9-19.040-≤20-PASS



1-N77-3450-3550-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant3-17.945-19.080-≤20-PASS



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1-N77-3450-3550-30-20-M-3-DFT-16QAM-Outer_Ful I-50@0-Ant3-17.941-19.120-≤20-PASS



1-N77-3450-3550-30-20-M-4-DFT-64QAM-Outer_Fu II-50@0-Ant3-17.931-19.040-≤20-PASS



1-N77-3450-3550-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant3-17.837-19.040-≤20-PASS



1-N77-3450-3550-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant3-18.233-19.440-≤20-PASS



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1-N77-3450-3550-30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant3-18.268-21.000-≤20-PASS



1-N77-3450-3550-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant3-18.229-19.320-≤20-PASS



1-N77-3450-3550-30-20-M-9-CP-256QAM-Outer_Ful-I-51@0-Ant3-18.231-19.360-≤20-PASS



1-N77-3450-3550-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant3-36.018-38.560-≤40-PASS



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1-N77-3450-3550-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant3-36.057-38.480-≤40-PASS

1-N77-3450-3550-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant3-35.959-38.560-≤40-PASS



1-N77-3450-3550-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant3-36.03-38.720-≤40-PASS

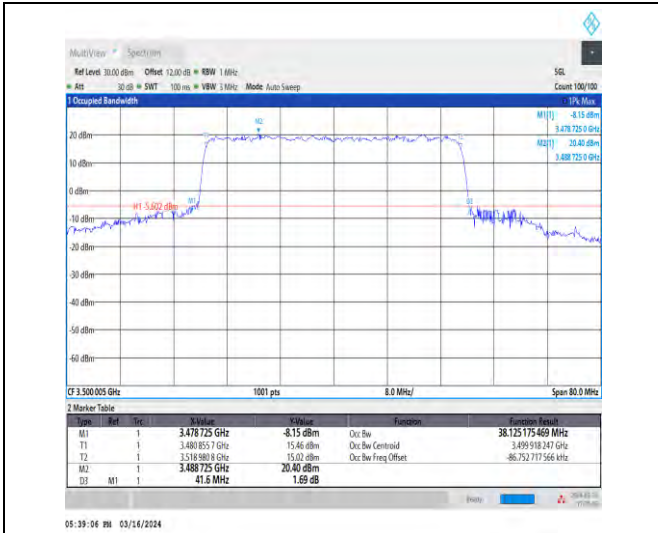
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1-N77-3450-3550-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant3-38.125-41.600-≤40-PASS



1-N77-3450-3550-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant3-38.065-40.640-≤40-PASS



1-N77-3450-3550-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant3-38.097-40.640-≤40-PASS



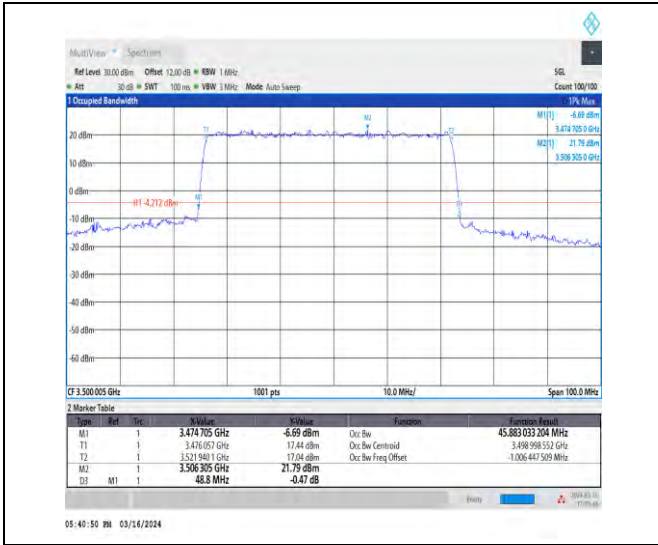
1-N77-3450-3550-30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant3-38.006-40.720-≤40-PASS



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1-N77-3450-3550-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant3-45.778-48.500-≤50-PASS



1-N77-3450-3550-30-50-M-3-DFT-16QAM-Outer_Ful-I-128@0-Ant3-45.856-48.700-≤50-PASS



1-N77-3450-3550-30-50-M-4-DFT-64QAM-Outer_Fu-II-128@0-Ant3-45.943-48.600-≤50-PASS



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1-N77-3450-3550-30-50-M-6-CP-QPSK-Outer_Full-133@0-Ant3-47.694-53.900-≤50-PASS



1-N77-3450-3550-30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant3-47.66-53.300-≤50-PASS

1-N77-3450-3550-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant3-47.761-50.500-≤50-PASS



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1-N77-3450-3550-30-60-M-1-DFT-QPSK-Outer_Full-162@0-Ant3-57.803-60.840-≤60-PASS



1-N77-3450-3550-30-60-M-2-DFT-PI2BPSK-Outer_Full-162@0-Ant3-57.956-60.840-≤60-PASS

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1-N77-3450-3550-30-60-M-5-DFT-256QAM-Outer_Full-162@0-Ant3-57.823-60.720-≤60-PASS



1-N77-3450-3550-30-60-M-6-CP-QPSK-Outer_Full-162@0-Ant3-58.019-60.840-≤60-PASS



1-N77-3450-3550-30-60-M-7-CP-16QAM-Outer_Full-162@0-Ant3-57.996-60.720-≤60-PASS



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1-N77-3450-3550-30-60-M-9-CP-256QAM-Outer_Fu II-162@0-Ant3-57.92-60.840-≤60-PASS



1-N77-3450-3550-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant3-64.268-67.340-≤70-PASS

1-N77-3450-3550-30-70-M-2-DFT-PI2BPSK-Outer_Full-180@0-Ant3-64.391-67.340-≤70-PASS



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1-N77-3450-3550-30-70-M-3-DFT-16QAM-Outer_Ful I-180@0-Ant3-64.299-67.480-≤70-PASS

1-N77-3450-3550-30-70-M-4-DFT-64QAM-Outer_Fu II-180@0-Ant3-64.392-67.340-≤70-PASS



1-N77-3450-3550-30-70-M-5-DFT-256QAM-Outer_Full-180@0-Ant3-64.201-67.340-≤70-PASS

1-N77-3450-3550-30-70-M-6-CP-QPSK-Outer_Full-189@0-Ant3-67.59-70.700-≤70-PASS



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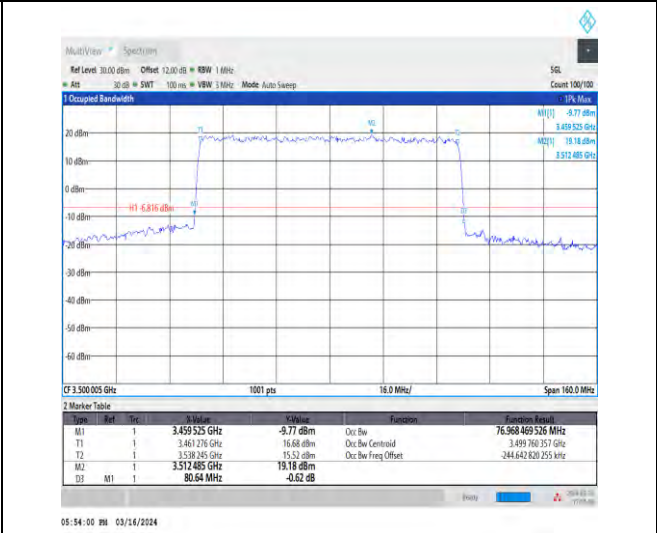
1-N77-3450-3550-30-70-M-7-CP-16QAM-Outer_Full-189@0-Ant3-67.427-70.700-≤70-PASS



1-N77-3450-3550-30-70-M-8-CP-64QAM-Outer_Full-189@0-Ant3-67.501-70.700-≤70-PASS



1-N77-3450-3550-30-70-M-9-CP-256QAM-Outer_Ful-189@0-Ant3-67.433-70.560-≤70-PASS



1-N77-3450-3550-30-80-M-1-DFT-QPSK-Outer_Full-216@0-Ant3-76.968-80.640-≤80-PASS



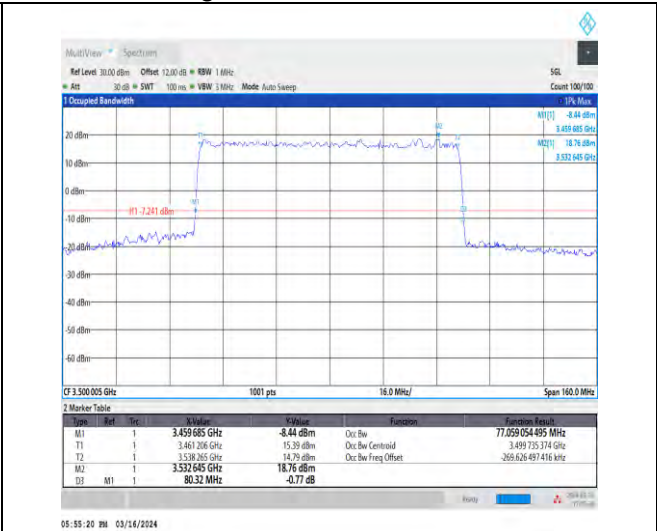
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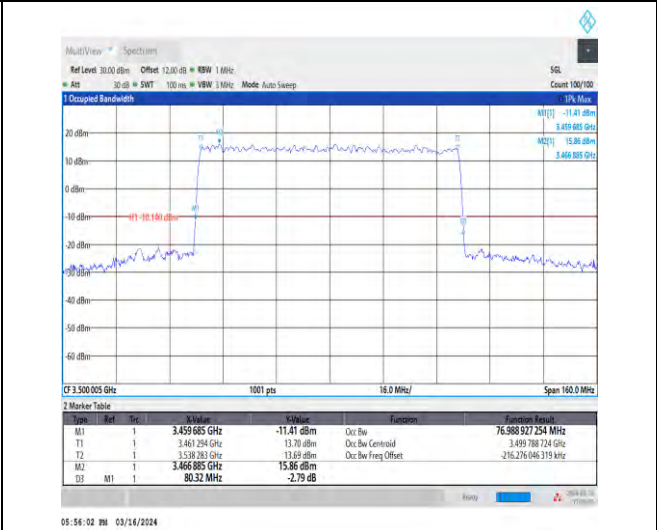
1-N77-3450-3550-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant3-77.175-80.640-≤80-PASS



1-N77-3450-3550-30-80-M-3-DFT-16QAM-Outer_Full-216@0-Ant3-77.059-80.320-≤80-PASS



1-N77-3450-3550-30-80-M-4-DFT-64QAM-Outer_Full-216@0-Ant3-77.096-80.480-≤80-PASS



1-N77-3450-3550-30-80-M-5-DFT-256QAM-Outer_Full-216@0-Ant3-76.989-80.320-≤80-PASS



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1-N77-3450-3550-30-80-M-6-CP-QPSK-Outer_Full-2
17@0-Ant3-77.519-80.800≤80-PASS



1-N77-3450-3550-30-80-M-7-CP-16QAM-Outer_Full-2
-217@0-Ant3-77.511-80.640≤80-PASS



1-N77-3450-3550-30-80-M-8-CP-64QAM-Outer_Full-2
217@0-Ant3-77.583-80.800≤80-PASS



1-N77-3450-3550-30-80-M-9-CP-256QAM-Outer_Full-2
11-217@0-Ant3-77.435-80.800≤80-PASS



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1-N77-3450-3550-30-90-M-1-DFT-QPSK-Outer_Full-240@0-Ant3-85.515-89.100-≤90-PASS



1-N77-3450-3550-30-90-M-2-DFT-PI2BPSK-Outer_Full-240@0-Ant3-85.82-89.460-≤90-PASS



1-N77-3450-3550-30-90-M-3-DFT-16QAM-Outer_Ful-I-240@0-Ant3-85.541-88.920-≤90-PASS



1-N77-3450-3550-30-90-M-4-DFT-64QAM-Outer_Fu-II-240@0-Ant3-85.609-89.280-≤90-PASS



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1-N77-3450-3550-30-90-M-5-DFT-256QAM-Outer_Full-240@0-Ant3-85.496-89.100-≤90-PASS

1-N77-3450-3550-30-90-M-6-CP-QPSK-Outer_Full-245@0-Ant3-87.423-90.900-≤90-PASS



1-N77-3450-3550-30-90-M-7-CP-16QAM-Outer_Full-245@0-Ant3-87.371-90.900-≤90-PASS

1-N77-3450-3550-30-90-M-8-CP-64QAM-Outer_Full-245@0-Ant3-87.486-90.900-≤90-PASS



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1-N77-3450-3550-30-90-M-9-CP-256QAM-Outer_Ful
I-245@0-Ant3-87.449-90.900-≤90-PASS

1-N77-3450-3550-30-100-M-1-DFT-QPSK-Outer_Ful
I-270@0-Ant3-96.281-100.000-≤100-PASS



1-N77-3450-3550-30-100-M-2-DFT-PI2BPSK-Outer_Full-270@0-Ant3-96.448-100.000-≤100-PASS

1-N77-3450-3550-30-100-M-3-DFT-16QAM-Outer_Full-270@0-Ant3-96.267-100.000-≤100-PASS



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1-N77-3450-3550-30-100-M-4-DFT-64QAM-Outer_F ull-270@0-Ant3-96.294-100.000-≤100-PASS

1-N77-3450-3550-30-100-M-5-DFT-256QAM-Outer_F ull-270@0-Ant3-96.371-100.000-≤100-PASS



1-N77-3450-3550-30-100-M-6-CP-QPSK-Outer_F ull-273@0-Ant3-97.36-101.000-≤100-PASS

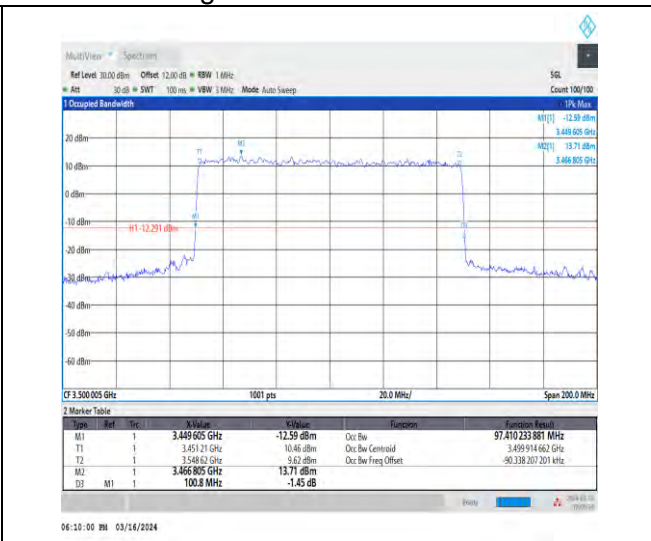
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1-N77-3450-3550-30-100-M-8-CP-64QAM-Outer_Ful
 I-273@0-Ant3-97.461-101.000-≤100-PASS

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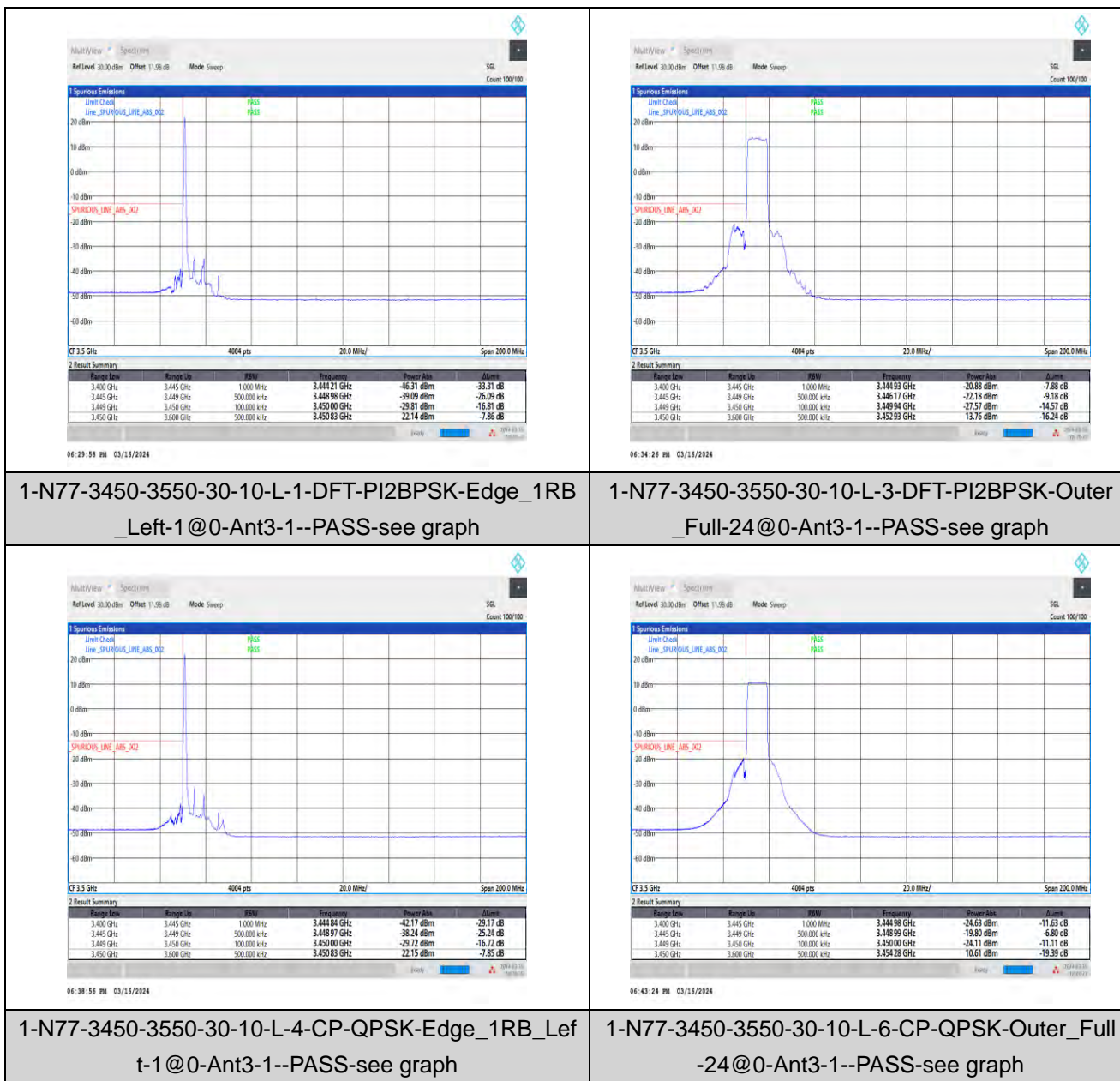
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Band Edge for SA

Test Graphs



1-N77-3450-3550-30-10-L-1-DFT-PI2BPSK-Edge_1RB
 _Left-1@0-Ant3-1--PASS-see graph

1-N77-3450-3550-30-10-L-3-DFT-PI2BPSK-Outer
 _Full-24@0-Ant3-1--PASS-see graph

1-N77-3450-3550-30-10-L-4-CP-QPSK-Edge_1RB_Lef
 t-1@0-Ant3-1--PASS-see graph

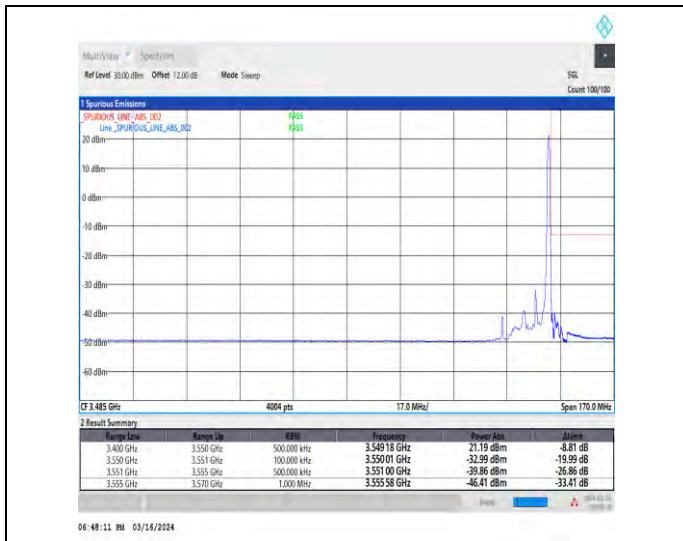
1-N77-3450-3550-30-10-L-6-CP-QPSK-Outer_Full
 -24@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-10-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@23-Ant3-1--PASS-see graph

1-N77-3450-3550-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant3-1--PASS-see graph

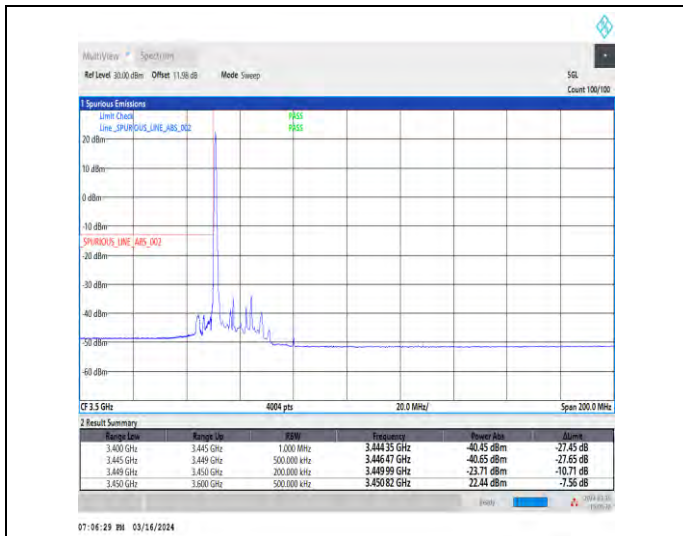
1-N77-3450-3550-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant3-1--PASS-see graph



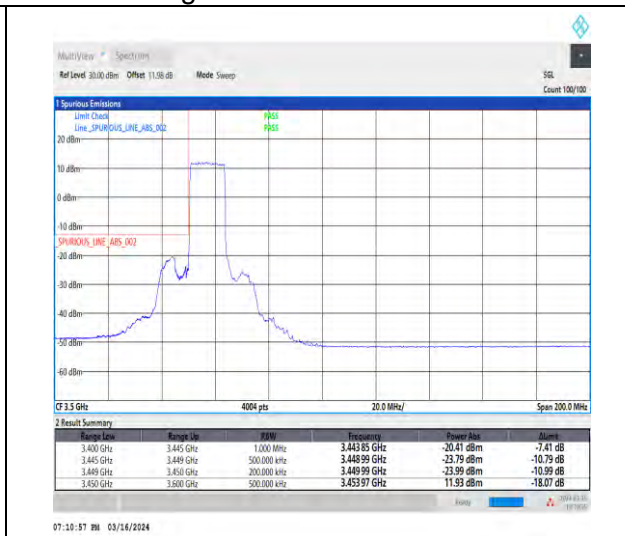
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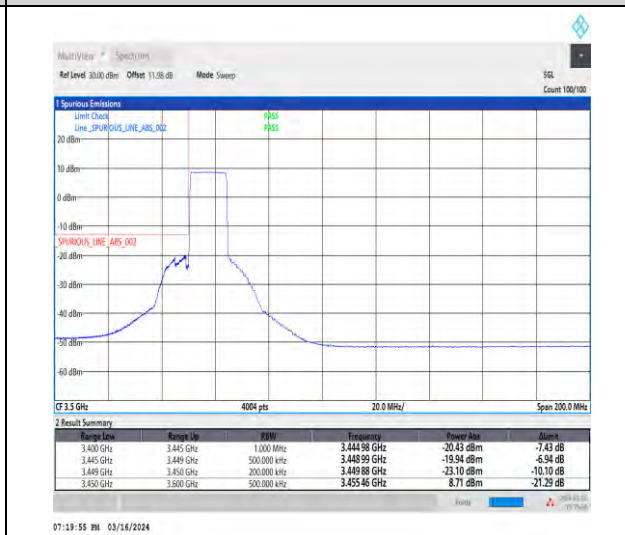
1-N77-3450-3550-30-15-L-1-DFT-PI2BPSK-Edge_1RB
 _Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-15-L-3-DFT-PI2BPSK-Outer
 _Full-36@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-15-L-4-CP-QPSK-Edge_1RB_Lef
 t-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-15-L-6-CP-QPSK-Outer_Full
 -38@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-15-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@37-Ant3-1--PASS-see graph

1-N77-3450-3550-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant3-1--PASS-see graph

1-N77-3450-3550-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant3-1--PASS-see graph



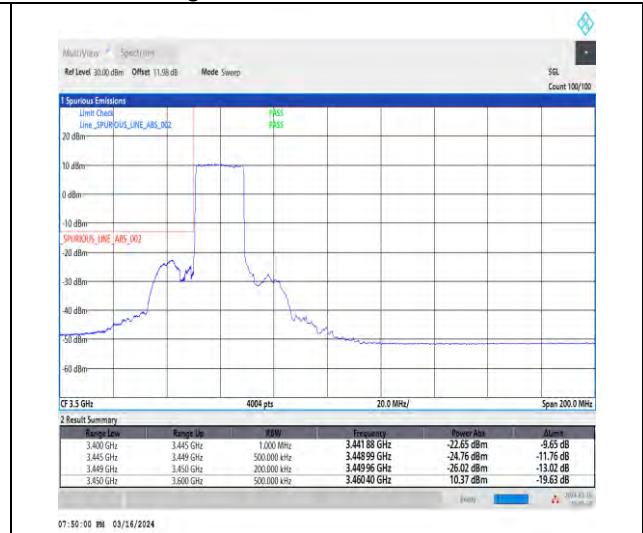
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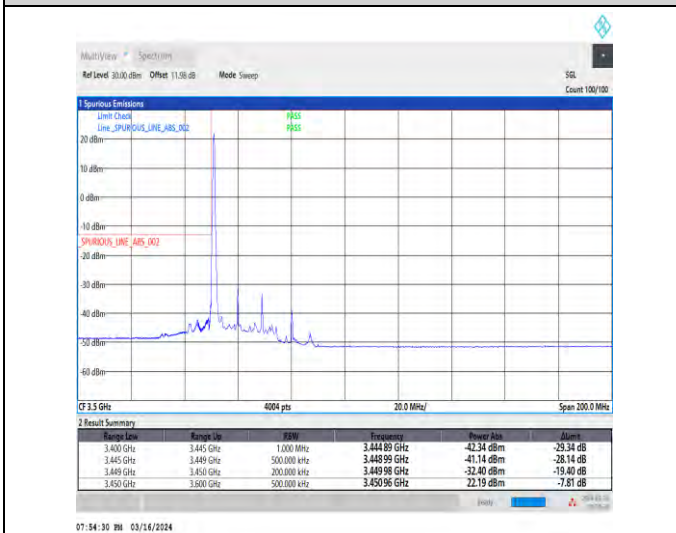
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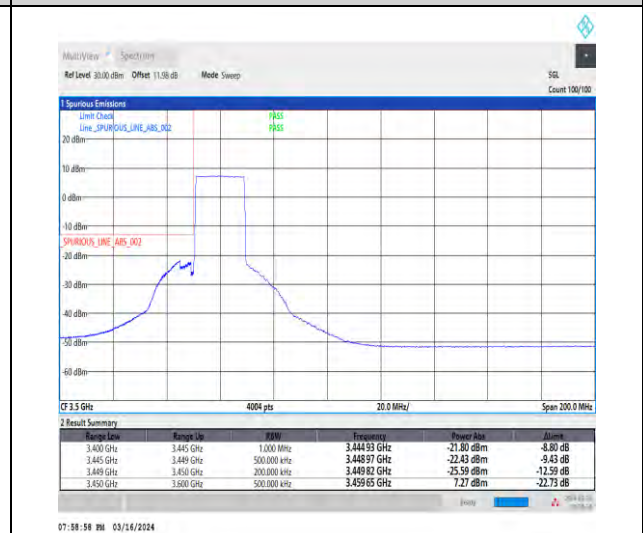
1-N77-3450-3550-30-20-L-1-DFT-PI2BPSK-Edge_1RB
_Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-20-L-3-DFT-PI2BPSK-Outer
_Full-50@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-20-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-20-L-6-CP-QPSK-Outer_Full
-51@0-Ant3-1--PASS-see graph

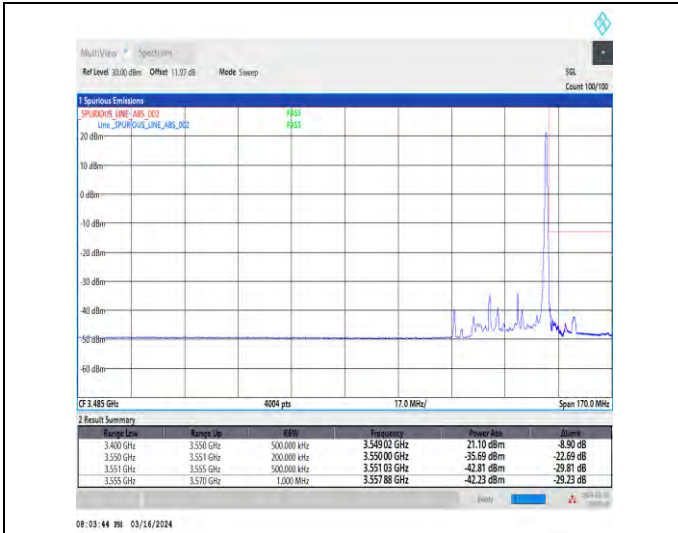


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1-N77-3450-3550-30-20-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@50-Ant3-1--PASS-see graph

1-N77-3450-3550-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant3-1--PASS-see graph

1-N77-3450-3550-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-40-L-1-DFT-PI2BPSK-Edge_1RB
_Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-40-L-3-DFT-PI2BPSK-Outer
_Full-100@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-40-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-40-L-6-CP-QPSK-Outer_Full
-106@0-Ant3-1--PASS-see graph



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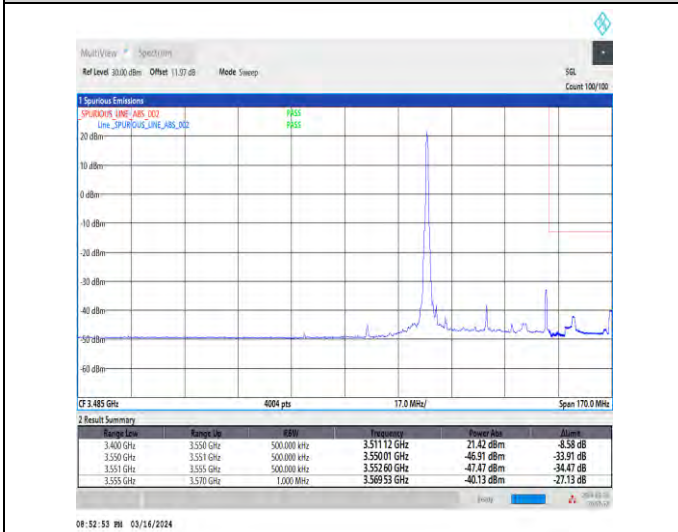
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1-N77-3450-3550-30-40-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@105-Ant3-1--PASS-see graph

1-N77-3450-3550-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant3-1--PASS-see graph

1-N77-3450-3550-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-50-L-1-DFT-PI2BPSK-Edge_1RB
_Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-50-L-3-DFT-PI2BPSK-Outer
_Full-128@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-50-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-50-L-6-CP-QPSK-Outer_Full
-133@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-50-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@132-Ant3-1--PASS-see graph

1-N77-3450-3550-30-50-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant3-1--PASS-see graph

1-N77-3450-3550-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant3-1--PASS-see graph



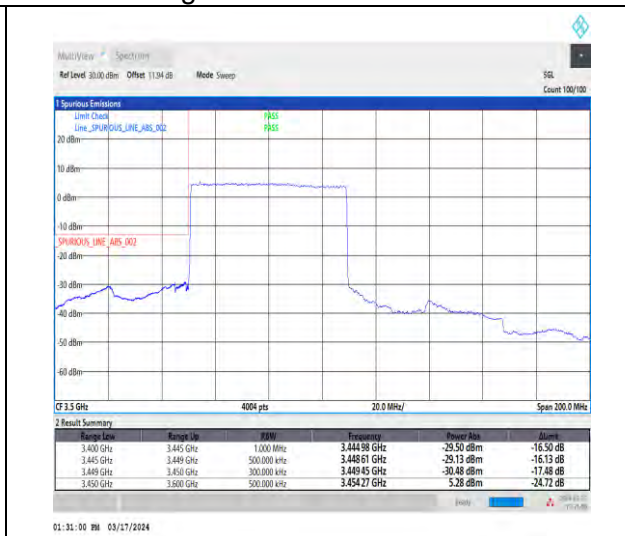
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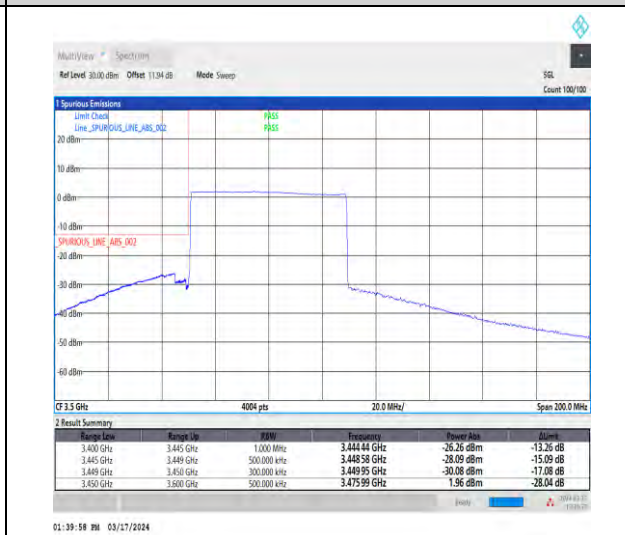
1-N77-3450-3550-30-60-L-1-DFT-PI2BPSK-Edge_1RB
_Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-60-L-3-DFT-PI2BPSK-Outer
_Full-162@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-60-L-4-CP-QPSK-Edge_1RB_Lef
t-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-60-L-6-CP-QPSK-Outer_Full
-162@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-60-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@161-Ant3-1--PASS-see graph

1-N77-3450-3550-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant3-1--PASS-see graph

1-N77-3450-3550-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant3-1--PASS-see graph



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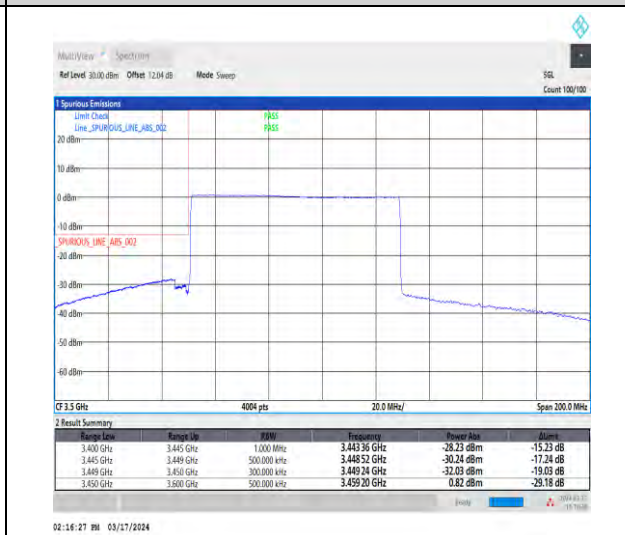
1-N77-3450-3550-30-80-L-1-DFT-PI2BPSK-Edge_1RB
 _Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-80-L-3-DFT-PI2BPSK-Outer
 _Full-216@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-80-L-4-CP-QPSK-Edge_1RB_Lef
 t-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-80-L-6-CP-QPSK-Outer_Full
 -217@0-Ant3-1--PASS-see graph



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1-N77-3450-3550-30-80-H-2-DFT-PI2BPSK-Edge_1R_B_Right-1@216-Ant3-1--PASS-see graph



1-N77-3450-3550-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant3-1--PASS-see graph



1-N77-3450-3550-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant3-1--PASS-see graph



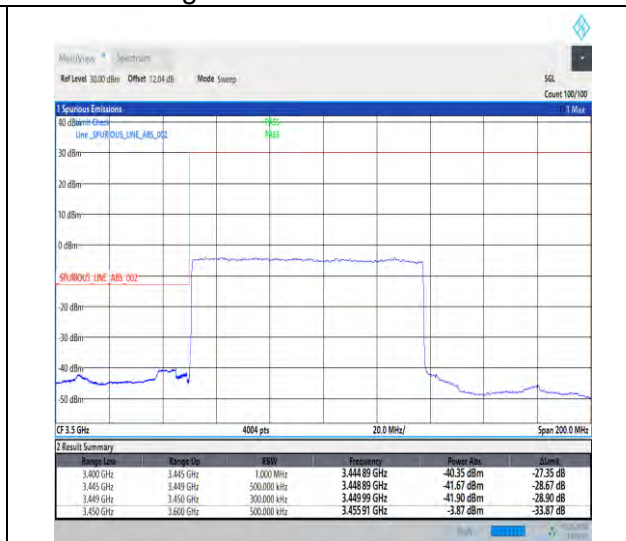
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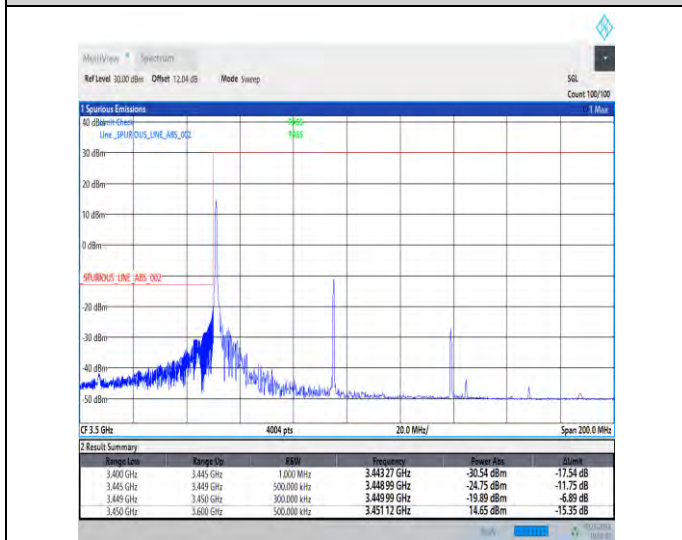
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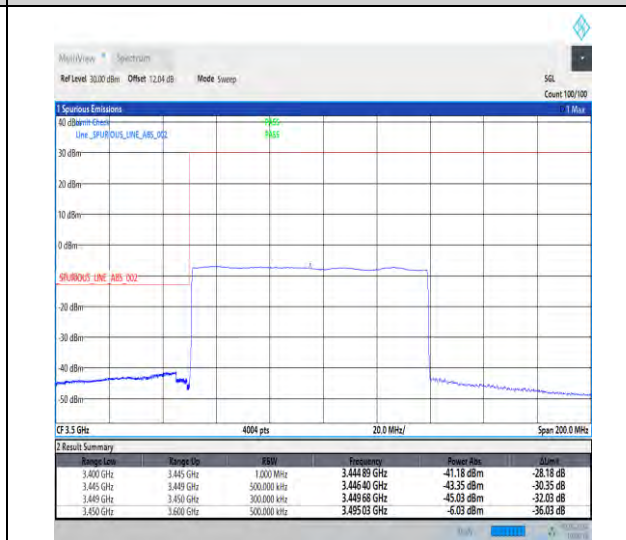
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 _Left-1@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-90-L-3-DFT-PI2BPSK-Outer
 _Full-240@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-90-L-4-CP-QPSK-Edge_1RB_Lef
 t-1@0-Ant3-1--PASS-see graph



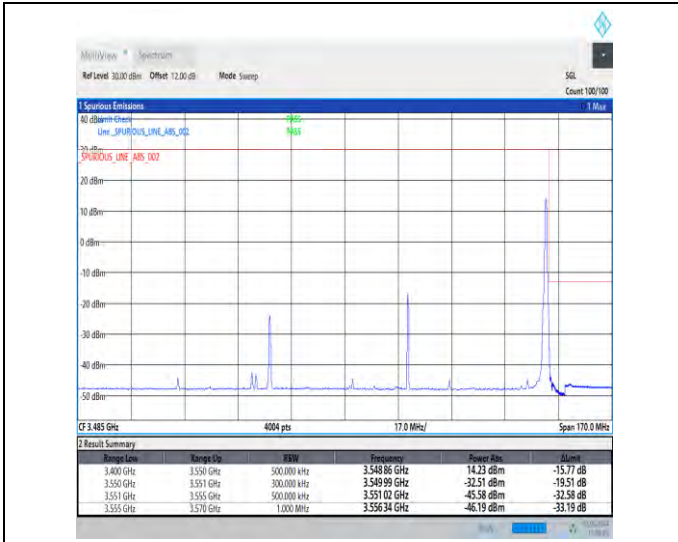
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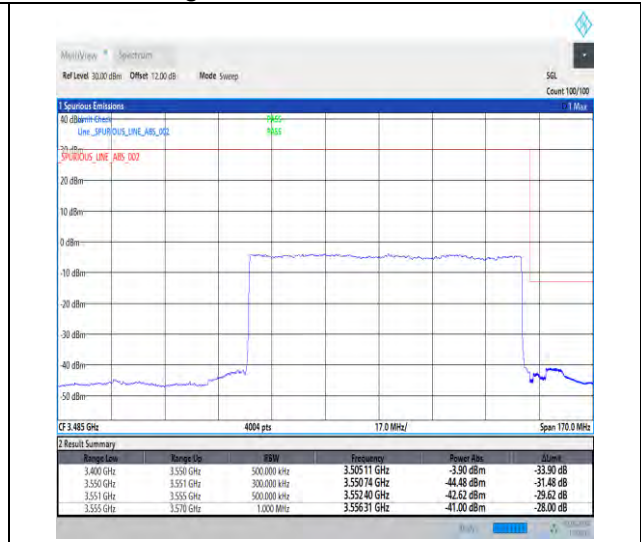
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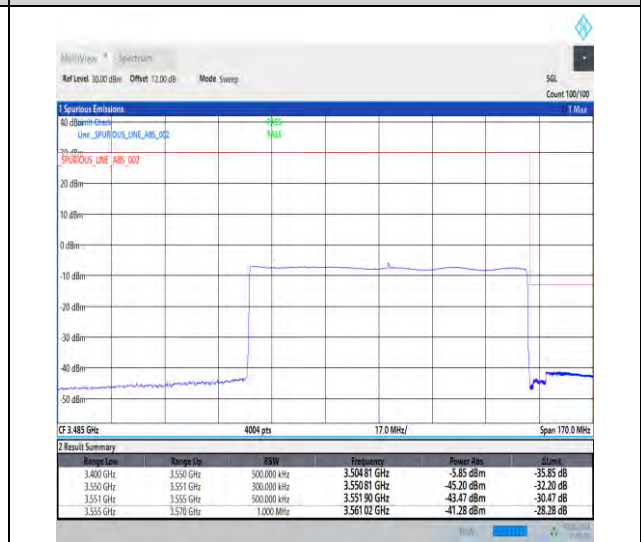
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1-N77-3450-3550-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant3-1--PASS-see graph



1-N77-3450-3550-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant3-1--PASS-see graph

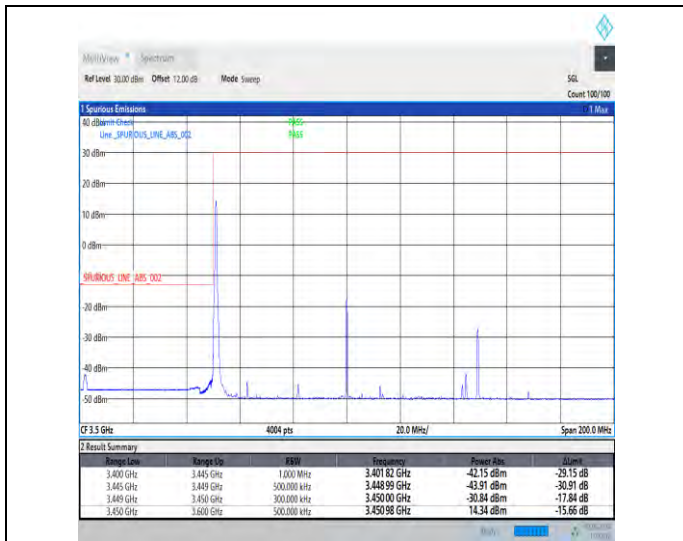


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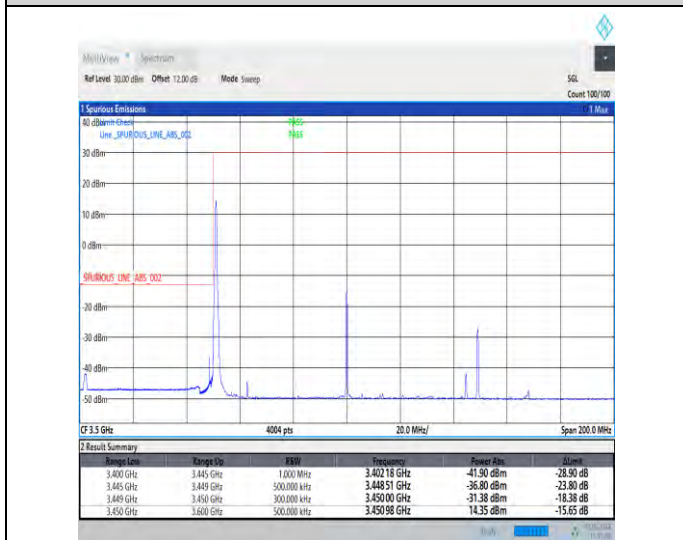
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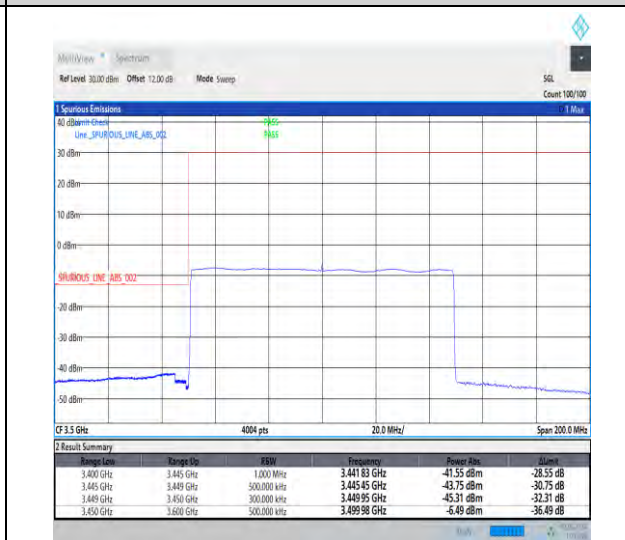
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1-N77-3450-3550-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1--PASS-see graph



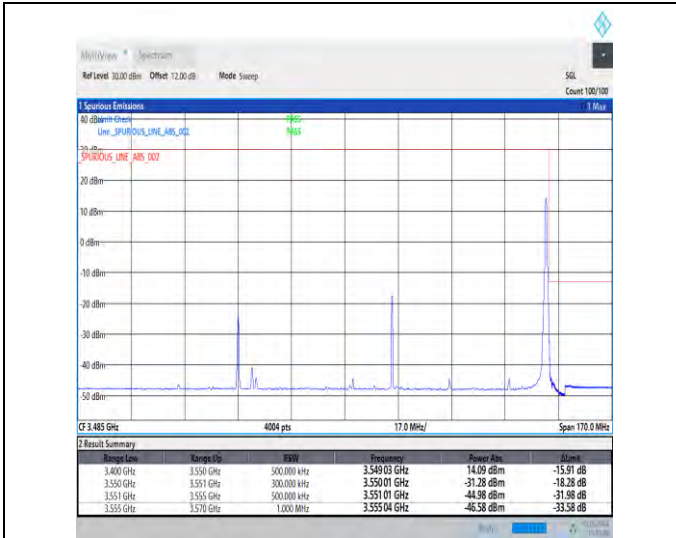
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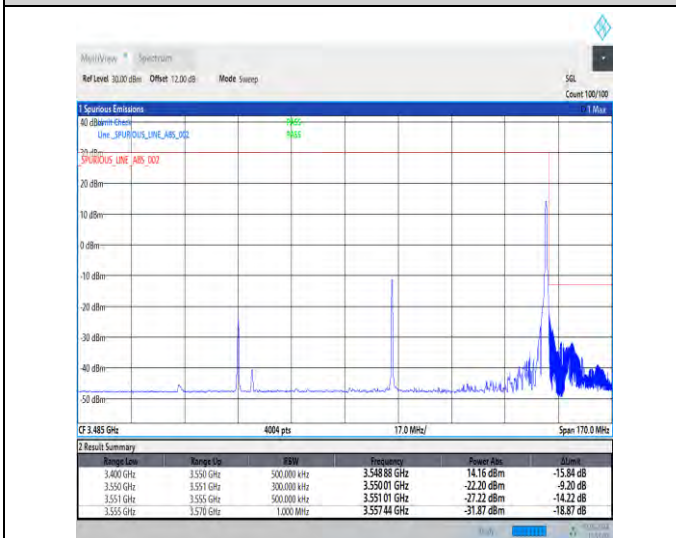
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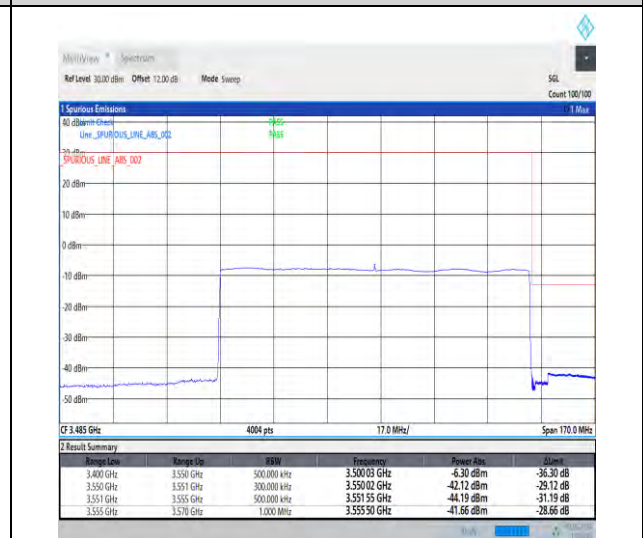
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1-N77-3450-3550-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant3-1--PASS-see graph



1-N77-3450-3550-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant3-1--PASS-see graph



1-N77-3450-3550-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant3-1--PASS-see graph



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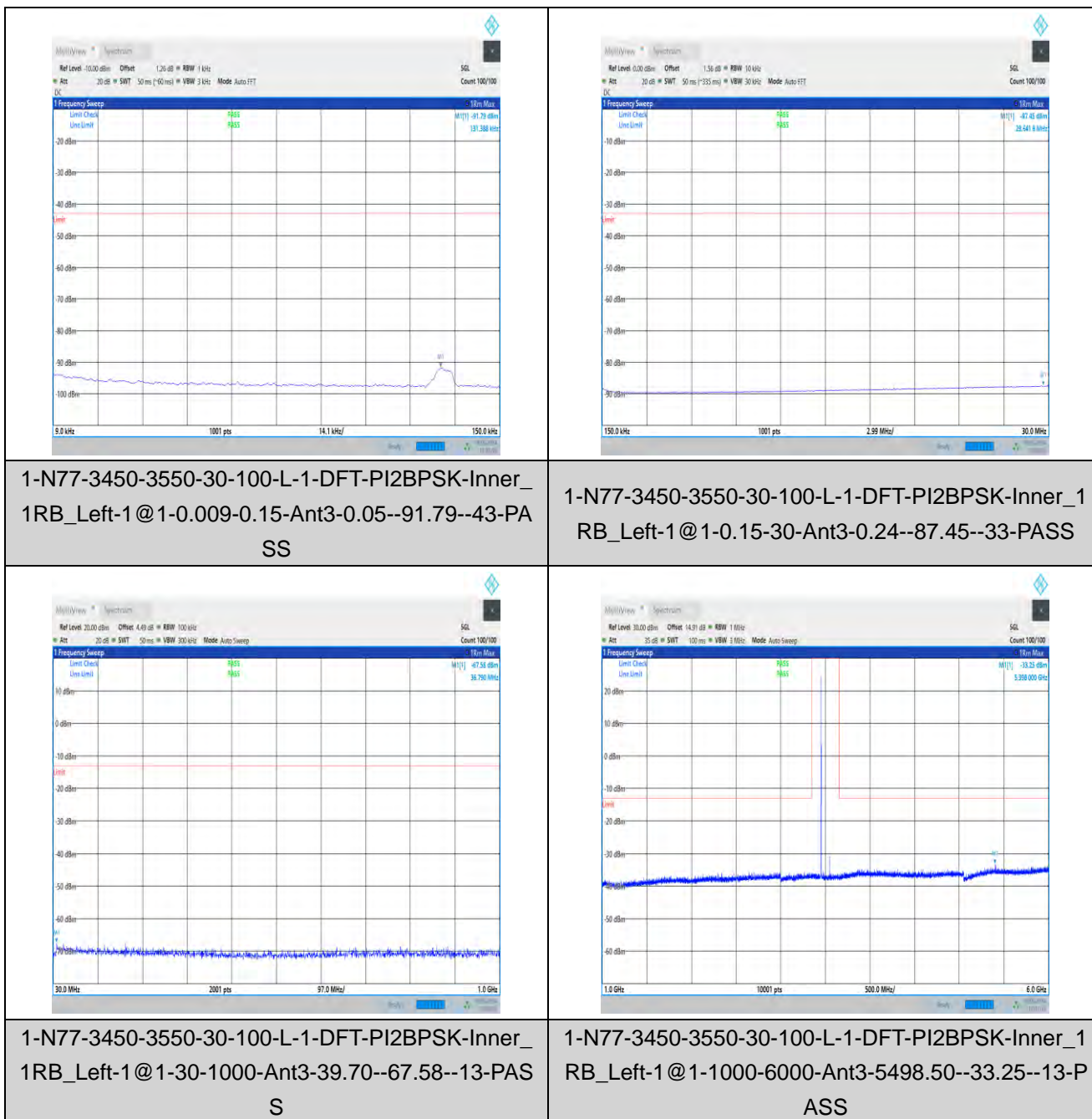
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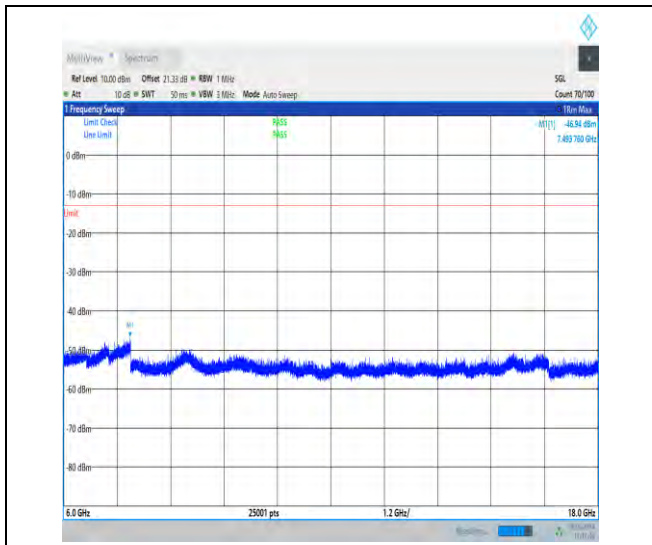
Test Graphs



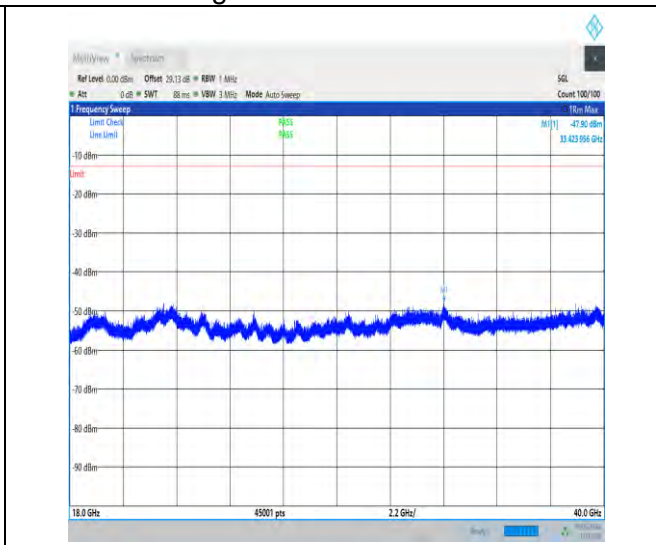
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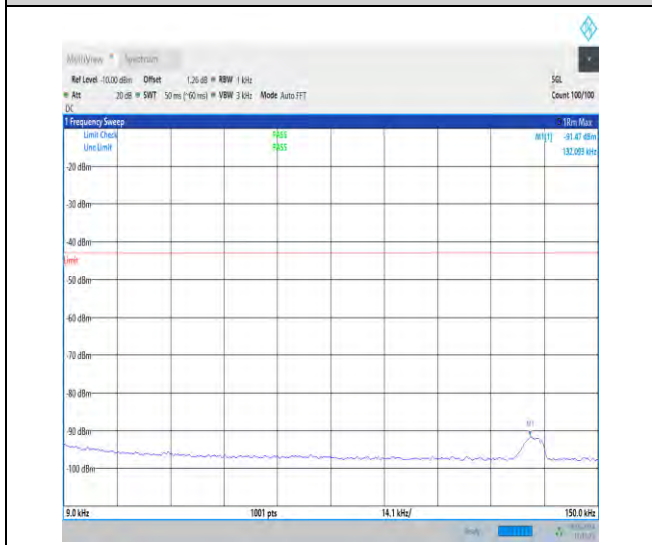
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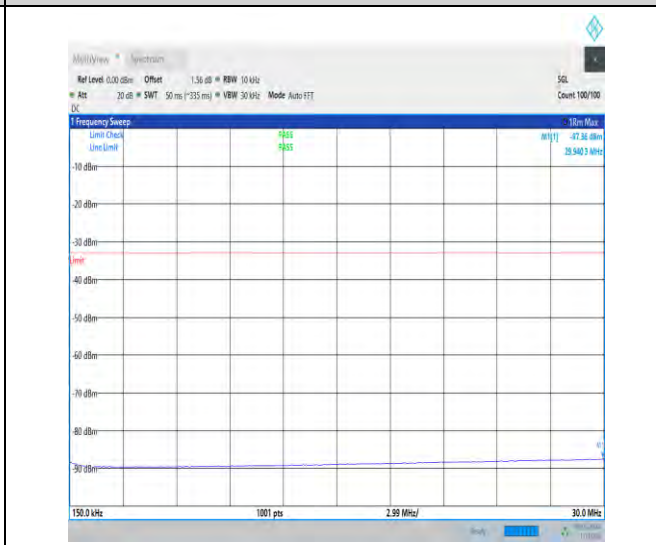
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1-N77-3450-3550-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant3-18000.00--47.90--1 3-PASS



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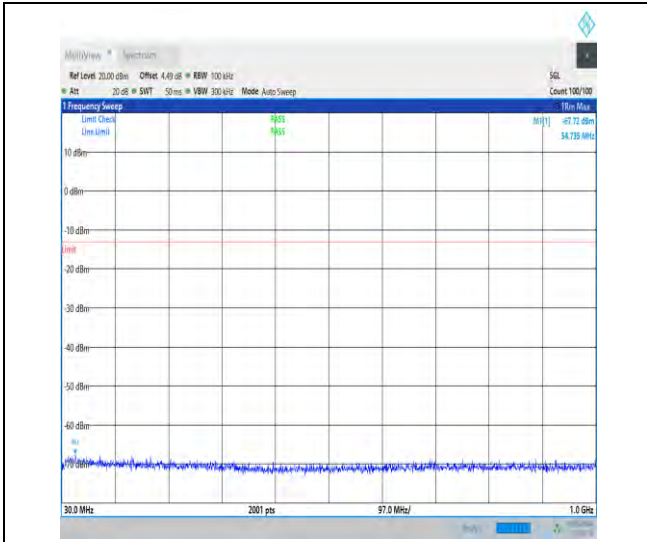
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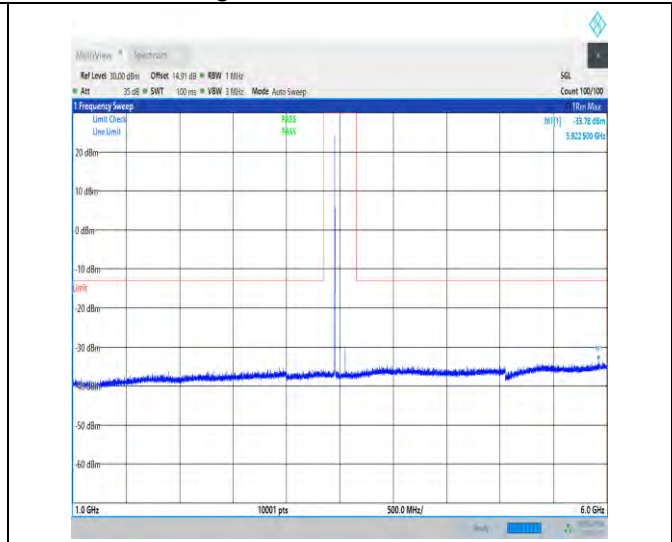
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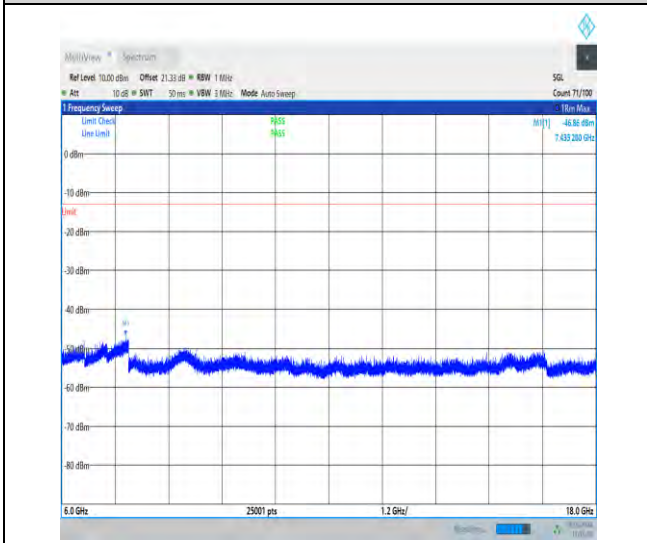
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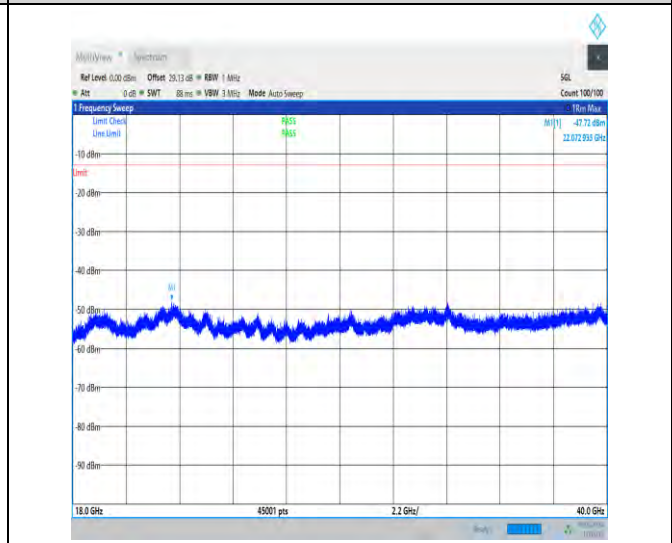
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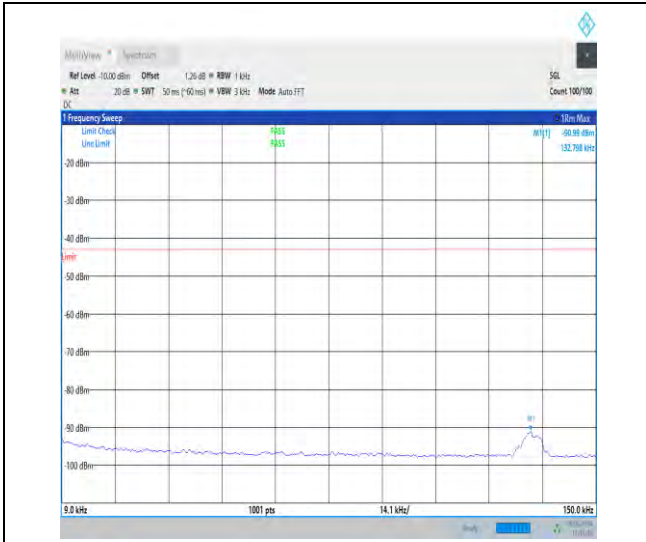


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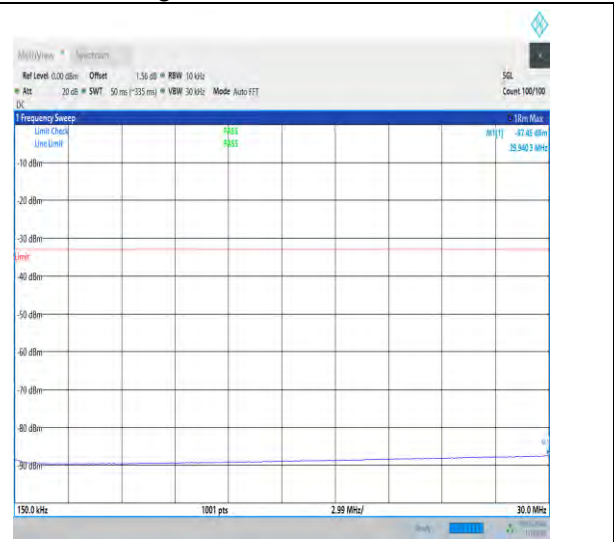
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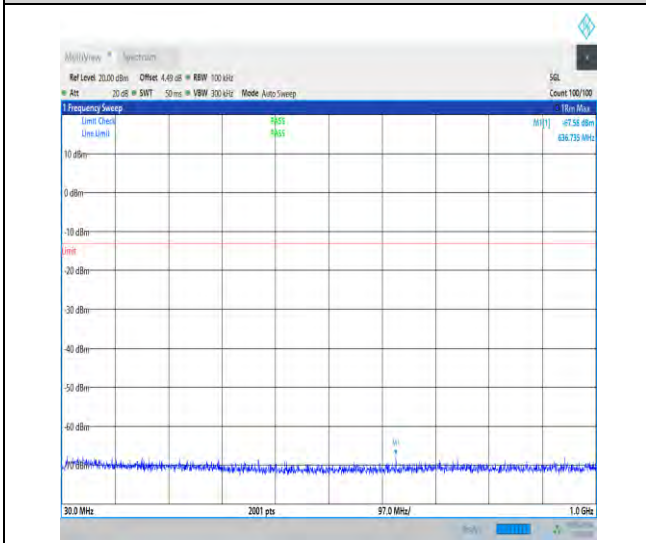
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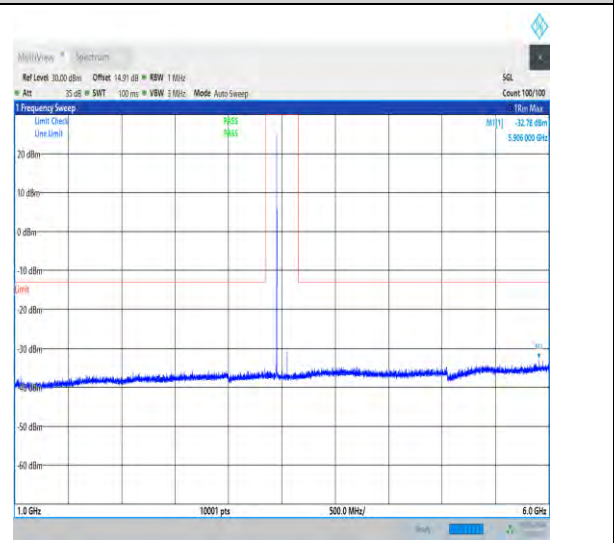
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1-N77-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-0.24--87.45--33-PASS



1-N77-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-94.99--67.58--13-PAS S



1-N77-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant3-5945.00--32.78--13-P ASS

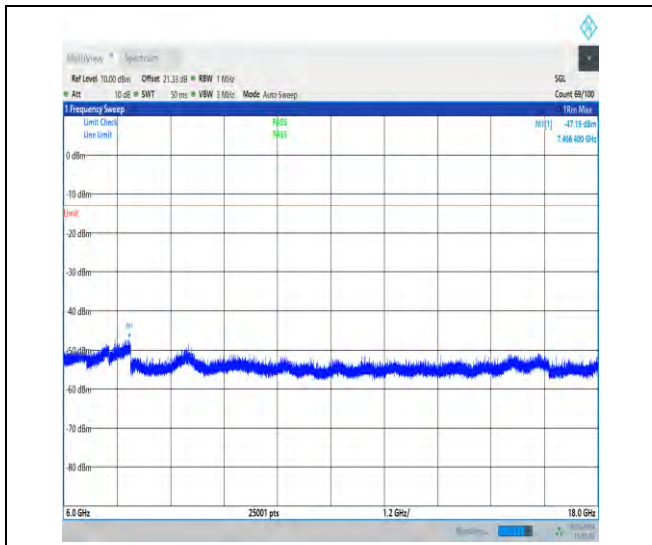


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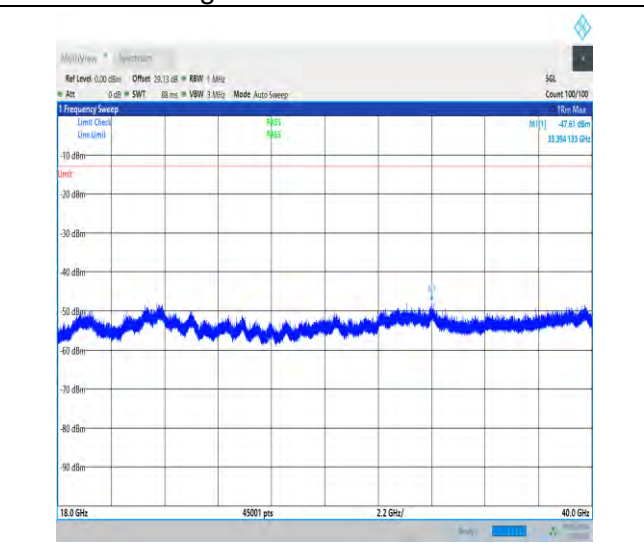
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1-N77-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant3-6902.88--47.19--1 3-PASS



1-N77-3450-3550-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant3-18000.00--47.61--1 3-PASS



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Field Strength of Spurious Radiation

Test Band = SA_N77(3450-3550)

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1191.6096	24.97	-19.17	25.65	-63.81	-13.00	50.81	Horizontal
2	1915.9458	25.87	-18.09	25.96	-61.52	-13.00	48.52	Horizontal
3	4955.1978	27.58	-15.27	33.19	-49.76	-13.00	36.76	Horizontal
4	7564.2782	49.61	-42.59	36.77	-51.47	-13.00	38.47	Horizontal
5	9493.3747	48.91	-39.28	39.17	-46.46	-13.00	33.46	Horizontal
6	16791.5396	47.43	-34.72	38.68	-43.87	-13.00	30.87	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4379.169	26.62	-16.08	32.08	-52.64	-13.00	39.64	Vertical
2	5090.0545	27.60	-15.27	33.48	-49.45	-13.00	36.45	Vertical
3	8054.5027	49.27	-41.71	37.59	-50.11	-13.00	37.11	Vertical
4	11117.0559	47.46	-37.44	39.45	-45.79	-13.00	32.79	Vertical
5	14222.2111	46.38	-34.84	40.78	-42.94	-13.00	29.94	Vertical
6	17981.9991	48.06	-37.99	42.69	-42.50	-13.00	29.50	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



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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)	Verdict
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.900000	-0.001114	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.600000	-0.000743	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.300000	-0.000943	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-2.200000	-0.000629	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	-2.700000	-0.000771	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-4.700000	-0.001343	PASS



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Frequency Error VS. Temperature

Table with 11 columns: Band, SCS, Band width, Modulation, Channel, RB Config, Voltage, Temperature, Deviation (Hz), Deviation (ppm), Verdict. It contains 20 rows of test data for N77-3450-3550 band with various modulation schemes and temperatures.

---End of Attachment---



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