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Appendix



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	ERIP	Limit	Verdict
N77-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Left	24.88	24.48	27.69	27.56	30	PASS
N77-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Right	24.88	24.58	27.74	27.61	30	PASS
N77-3450-3550	30	10	CP-QPSK	L	Outer_Full	24.91	24.48	27.71	27.58	30	PASS
N77-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Left	24.71	24.34	27.54	27.41	30	PASS
N77-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Right	24.71	24.54	27.64	27.51	30	PASS
N77-3450-3550	30	10	CP-16QAM	L	Outer_Full	24.87	24.43	27.67	27.54	30	PASS
N77-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Left	24.29	23.54	26.94	26.81	30	PASS
N77-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Right	24.34	23.68	27.03	26.90	30	PASS
N77-3450-3550	30	10	CP-64QAM	L	Outer_Full	24.33	23.96	27.16	27.03	30	PASS
N77-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Left	21.48	20.9	24.21	24.08	30	PASS
N77-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Right	21.48	21.01	24.26	24.13	30	PASS
N77-3450-3550	30	10	CP-256QAM	L	Outer_Full	21.43	21.09	24.27	24.14	30	PASS
N77-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Left	24.89	24.54	27.73	27.60	30	PASS
N77-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Right	24.78	24.64	27.72	27.59	30	PASS
N77-3450-3550	30	10	CP-QPSK	M	Outer_Full	24.83	24.59	27.72	27.59	30	PASS
N77-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Left	24.7	24.5	27.61	27.48	30	PASS
N77-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Right	24.55	24.52	27.55	27.42	30	PASS
N77-3450-3550	30	10	CP-16QAM	M	Outer_Full	24.81	24.64	27.74	27.61	30	PASS
N77-3450-3550	30	10	CP-64QAM	M	Inner_1RB_Left	24.25	23.59	26.94	26.81	30	PASS
N77-3450-3550	30	10	CP-64QAM	M	Inner_1RB_Right	24.26	23.82	27.06	26.93	30	PASS
N77-3450-3550	30	10	CP-64QAM	M	Outer_Full	24.32	24.12	27.23	27.10	30	PASS
N77-3450-3550	30	10	CP-256QAM	M	Inner_1RB_Left	21.47	21.12	24.31	24.18	30	PASS
N77-3450-3550	30	10	CP-256QAM	M	Inner_1RB_Right	21.34	21.1	24.23	24.10	30	PASS
N77-3450-3550	30	10	CP-256QAM	M	Outer_Full	21.41	21.19	24.31	24.18	30	PASS
N77-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Left	24.62	25.02	27.83	27.70	30	PASS
N77-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Right	24.69	24.98	27.85	27.72	30	PASS
N77-3450-3550	30	10	CP-QPSK	H	Outer_Full	24.64	24.98	27.82	27.69	30	PASS
N77-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Left	24.63	24.84	27.75	27.62	30	PASS
N77-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Right	24.39	25.01	27.72	27.59	30	PASS
N77-3450-3550	30	10	CP-16QAM	H	Outer_Full	24.52	24.88	27.71	27.58	30	PASS
N77-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Left	24.04	23.95	27.01	26.88	30	PASS
N77-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Right	24	24.01	27.02	26.89	30	PASS



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N77-3450-3550	30	10	CP-64QAM	H	Outer_Full	24.06	24.38	27.23	27.10	30	PASS
N77-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Left	21.27	21.35	24.32	24.19	30	PASS
N77-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Right	21.22	21.44	24.34	24.21	30	PASS
N77-3450-3550	30	10	CP-256QAM	H	Outer_Full	21.19	21.41	24.31	24.18	30	PASS
N77-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Left	25.39	22.22	27.10	26.97	30	PASS
N77-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Right	25.27	24.78	28.04	27.91	30	PASS
N77-3450-3550	30	15	CP-QPSK	L	Outer_Full	25.21	24.83	28.03	27.90	30	PASS
N77-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Left	25.04	24.89	27.98	27.85	30	PASS
N77-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Right	25.02	24.85	27.95	27.82	30	PASS
N77-3450-3550	30	15	CP-16QAM	L	Outer_Full	25.19	24.85	28.03	27.90	30	PASS
N77-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Left	24.6	23.81	27.23	27.10	30	PASS
N77-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Right	24.64	23.99	27.34	27.21	30	PASS
N77-3450-3550	30	15	CP-64QAM	L	Outer_Full	24.67	24.34	27.52	27.39	30	PASS
N77-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Left	21.86	21.19	24.55	24.42	30	PASS
N77-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Right	21.79	21.38	24.60	24.47	30	PASS
N77-3450-3550	30	15	CP-256QAM	L	Outer_Full	21.63	21.31	24.48	24.35	30	PASS
N77-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Left	25.12	24.86	28.00	27.87	30	PASS
N77-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Right	25.06	24.78	27.93	27.80	30	PASS
N77-3450-3550	30	15	CP-QPSK	M	Outer_Full	25.09	24.74	27.93	27.80	30	PASS
N77-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Left	24.86	24.91	27.90	27.77	30	PASS
N77-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Right	24.9	24.75	27.84	27.71	30	PASS
N77-3450-3550	30	15	CP-16QAM	M	Outer_Full	25.09	24.77	27.94	27.81	30	PASS
N77-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Left	24.54	23.9	27.24	27.11	30	PASS
N77-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Right	24.41	23.85	27.15	27.02	30	PASS
N77-3450-3550	30	15	CP-64QAM	M	Outer_Full	24.56	24.37	27.48	27.35	30	PASS
N77-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Left	21.72	21.2	24.48	24.35	30	PASS
N77-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Right	21.61	21.24	24.44	24.31	30	PASS
N77-3450-3550	30	15	CP-256QAM	M	Outer_Full	21.59	21.33	24.47	24.34	30	PASS
N77-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Left	24.98	25.13	28.07	27.94	30	PASS
N77-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Right	25.05	25.11	28.09	27.96	30	PASS
N77-3450-3550	30	15	CP-QPSK	H	Outer_Full	24.93	25.03	27.99	27.86	30	PASS
N77-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Left	24.8	25.16	27.99	27.86	30	PASS
N77-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Right	24.6	25.19	27.92	27.79	30	PASS
N77-3450-3550	30	15	CP-16QAM	H	Outer_Full	24.91	25.06	28.00	27.87	30	PASS
N77-3450-3550	30	15	CP-64QAM	H	Inner_1RB_Left	24.45	24.13	27.30	27.17	30	PASS
N77-3450-3550	30	15	CP-64QAM	H	Inner_1RB_Right	24.24	24.3	27.28	27.15	30	PASS
N77-3450-3550	30	15	CP-64QAM	H	Outer_Full	24.45	24.62	27.55	27.42	30	PASS
N77-3450-3550	30	15	CP-256QAM	H	Inner_1RB_Left	21.67	21.51	24.60	24.47	30	PASS



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N77-3450-3550	30	15	CP-256QAM	H	Inner_1RB_Right	21.47	21.64	24.57	24.44	30	PASS
N77-3450-3550	30	15	CP-256QAM	H	Outer_Full	21.46	21.59	24.54	24.41	30	PASS
N77-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Left	25.27	25.24	28.27	28.14	30	PASS
N77-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Right	25.19	24.86	28.04	27.91	30	PASS
N77-3450-3550	30	20	CP-QPSK	L	Outer_Full	25.3	24.8	28.07	27.94	30	PASS
N77-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Left	25.07	24.85	27.97	27.84	30	PASS
N77-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Right	25.16	24.58	27.89	27.76	30	PASS
N77-3450-3550	30	20	CP-16QAM	L	Outer_Full	25.24	24.83	28.05	27.92	30	PASS
N77-3450-3550	30	20	CP-64QAM	L	Inner_1RB_Left	24.7	23.94	27.35	27.22	30	PASS
N77-3450-3550	30	20	CP-64QAM	L	Inner_1RB_Right	24.66	23.83	27.28	27.15	30	PASS
N77-3450-3550	30	20	CP-64QAM	L	Outer_Full	24.79	24.45	27.63	27.50	30	PASS
N77-3450-3550	30	20	CP-256QAM	L	Inner_1RB_Left	21.92	21.2	24.59	24.46	30	PASS
N77-3450-3550	30	20	CP-256QAM	L	Inner_1RB_Right	21.9	21.17	24.56	24.43	30	PASS
N77-3450-3550	30	20	CP-256QAM	L	Outer_Full	21.78	21.36	24.59	24.46	30	PASS
N77-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Left	25.21	24.87	28.05	27.92	30	PASS
N77-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Right	25.12	24.79	27.97	27.84	30	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	25.1	24.79	27.96	27.83	30	PASS
N77-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Left	24.9	24.89	27.91	27.78	30	PASS
N77-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Right	24.83	24.77	27.81	27.68	30	PASS
N77-3450-3550	30	20	CP-16QAM	M	Outer_Full	25.06	24.72	27.90	27.77	30	PASS
N77-3450-3550	30	20	CP-64QAM	M	Inner_1RB_Left	24.65	23.88	27.29	27.16	30	PASS
N77-3450-3550	30	20	CP-64QAM	M	Inner_1RB_Right	24.42	23.89	27.17	27.04	30	PASS
N77-3450-3550	30	20	CP-64QAM	M	Outer_Full	24.64	24.34	27.50	27.37	30	PASS
N77-3450-3550	30	20	CP-256QAM	M	Inner_1RB_Left	21.82	21.18	24.52	24.39	30	PASS
N77-3450-3550	30	20	CP-256QAM	M	Inner_1RB_Right	21.68	21.27	24.49	24.36	30	PASS
N77-3450-3550	30	20	CP-256QAM	M	Outer_Full	21.62	21.28	24.46	24.33	30	PASS
N77-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Left	25.05	25.12	28.10	27.97	30	PASS
N77-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Right	24.84	25.23	28.05	27.92	30	PASS
N77-3450-3550	30	20	CP-QPSK	H	Outer_Full	24.9	25.05	27.99	27.86	30	PASS
N77-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Left	24.7	25.1	27.91	27.78	30	PASS
N77-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Right	24.58	25.07	27.84	27.71	30	PASS
N77-3450-3550	30	20	CP-16QAM	H	Outer_Full	24.83	25	27.93	27.80	30	PASS
N77-3450-3550	30	20	CP-64QAM	H	Inner_1RB_Left	24.51	24.14	27.34	27.21	30	PASS
N77-3450-3550	30	20	CP-64QAM	H	Inner_1RB_Right	24.22	24.29	27.27	27.14	30	PASS
N77-3450-3550	30	20	CP-64QAM	H	Outer_Full	24.42	24.65	27.55	27.42	30	PASS
N77-3450-3550	30	20	CP-256QAM	H	Inner_1RB_Left	21.58	21.53	24.57	24.44	30	PASS
N77-3450-3550	30	20	CP-256QAM	H	Inner_1RB_Right	21.47	21.58	24.54	24.41	30	PASS
N77-3450-3550	30	20	CP-256QAM	H	Outer_Full	21.42	21.6	24.52	24.39	30	PASS



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N77-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Left	24.98	24.61	27.81	27.68	30	PASS
N77-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Right	25.11	24.78	27.96	27.83	30	PASS
N77-3450-3550	30	30	CP-QPSK	L	Outer_Full	25.25	24.8	28.04	27.91	30	PASS
N77-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Left	25.27	24.93	28.11	27.98	30	PASS
N77-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Right	24.97	24.63	27.81	27.68	30	PASS
N77-3450-3550	30	30	CP-16QAM	L	Outer_Full	25.29	24.85	28.09	27.96	30	PASS
N77-3450-3550	30	30	CP-64QAM	L	Inner_1RB_Left	24.77	24.07	27.44	27.31	30	PASS
N77-3450-3550	30	30	CP-64QAM	L	Inner_1RB_Right	24.52	23.73	27.15	27.02	30	PASS
N77-3450-3550	30	30	CP-64QAM	L	Outer_Full	24.71	24.25	27.50	27.37	30	PASS
N77-3450-3550	30	30	CP-256QAM	L	Inner_1RB_Left	21.98	21.35	24.69	24.56	30	PASS
N77-3450-3550	30	30	CP-256QAM	L	Inner_1RB_Right	21.64	21.2	24.44	24.31	30	PASS
N77-3450-3550	30	30	CP-256QAM	L	Outer_Full	21.81	21.28	24.56	24.43	30	PASS
N77-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Left	25.1	24.83	27.98	27.85	30	PASS
N77-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Right	25.2	25.27	28.25	28.12	30	PASS
N77-3450-3550	30	30	CP-QPSK	M	Outer_Full	25.11	24.94	28.04	27.91	30	PASS
N77-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Left	25.05	24.82	27.95	27.82	30	PASS
N77-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Right	24.9	25.16	28.04	27.91	30	PASS
N77-3450-3550	30	30	CP-16QAM	M	Outer_Full	25.17	24.95	28.07	27.94	30	PASS
N77-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Left	24.62	23.95	27.31	27.18	30	PASS
N77-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Right	24.3	24.23	27.28	27.15	30	PASS
N77-3450-3550	30	30	CP-64QAM	M	Outer_Full	24.68	24.51	27.61	27.48	30	PASS
N77-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Left	21.87	21.32	24.61	24.48	30	PASS
N77-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Right	21.54	21.71	24.64	24.51	30	PASS
N77-3450-3550	30	30	CP-256QAM	M	Outer_Full	21.72	21.54	24.64	24.51	30	PASS
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Left	25.05	25.38	28.23	28.10	30	PASS
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Right	24.78	25.38	28.10	27.97	30	PASS
N77-3450-3550	30	30	CP-QPSK	H	Outer_Full	24.95	25.24	28.11	27.98	30	PASS
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Left	24.73	25.59	28.19	28.06	30	PASS
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Right	24.64	25.28	27.98	27.85	30	PASS
N77-3450-3550	30	30	CP-16QAM	H	Outer_Full	24.99	25.24	28.13	28.00	30	PASS
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Left	24.47	24.41	27.45	27.32	30	PASS
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Right	24.17	24.29	27.24	27.11	30	PASS
N77-3450-3550	30	30	CP-64QAM	H	Outer_Full	24.52	24.71	27.63	27.50	30	PASS
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Left	21.65	21.85	24.76	24.63	30	PASS
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Right	21.4	21.73	24.58	24.45	30	PASS
N77-3450-3550	30	30	CP-256QAM	H	Outer_Full	21.55	21.77	24.67	24.54	30	PASS
N77-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Left	25.56	25.12	28.36	28.23	30	PASS
N77-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Right	25.28	24.95	28.13	28.00	30	PASS



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N77-3450-3550	30	40	CP-QPSK	L	Outer_Full	25.32	24.82	28.09	27.96	30	PASS
N77-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Left	25.33	25	28.18	28.05	30	PASS
N77-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Right	25.14	25.07	28.12	27.99	30	PASS
N77-3450-3550	30	40	CP-16QAM	L	Outer_Full	25.28	24.77	28.04	27.91	30	PASS
N77-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Left	24.8	24.01	27.43	27.30	30	PASS
N77-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Right	24.58	24.05	27.33	27.20	30	PASS
N77-3450-3550	30	40	CP-64QAM	L	Outer_Full	24.77	24.25	27.53	27.40	30	PASS
N77-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Left	21.99	21.39	24.71	24.58	30	PASS
N77-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Right	21.87	21.41	24.66	24.53	30	PASS
N77-3450-3550	30	40	CP-256QAM	L	Outer_Full	21.82	21.32	24.59	24.46	30	PASS
N77-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Left	25.19	24.88	28.05	27.92	30	PASS
N77-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Right	25.19	25.36	28.29	28.16	30	PASS
N77-3450-3550	30	40	CP-QPSK	M	Outer_Full	25.14	24.96	28.06	27.93	30	PASS
N77-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Left	25.01	24.79	27.91	27.78	30	PASS
N77-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Right	24.85	25.42	28.15	28.02	30	PASS
N77-3450-3550	30	40	CP-16QAM	M	Outer_Full	25.17	24.96	28.08	27.95	30	PASS
N77-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Left	24.7	23.82	27.29	27.16	30	PASS
N77-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Right	24.45	24.45	27.46	27.33	30	PASS
N77-3450-3550	30	40	CP-64QAM	M	Outer_Full	24.67	24.49	27.59	27.46	30	PASS
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Left	21.79	21.07	24.46	24.33	30	PASS
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Right	21.72	21.86	24.80	24.67	30	PASS
N77-3450-3550	30	40	CP-256QAM	M	Outer_Full	21.74	21.54	24.65	24.52	30	PASS
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Left	25.04	25.2	28.13	28.00	30	PASS
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Right	24.9	25.67	28.31	28.18	30	PASS
N77-3450-3550	30	40	CP-QPSK	H	Outer_Full	25	25.27	28.15	28.02	30	PASS
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Left	24.9	25.16	28.04	27.91	30	PASS
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Right	24.74	25.38	28.08	27.95	30	PASS
N77-3450-3550	30	40	CP-16QAM	H	Outer_Full	25.02	25.16	28.10	27.97	30	PASS
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Left	24.47	24.14	27.32	27.19	30	PASS
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Right	24.37	24.39	27.39	27.26	30	PASS
N77-3450-3550	30	40	CP-64QAM	H	Outer_Full	24.53	24.7	27.63	27.50	30	PASS
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Left	21.74	21.54	24.65	24.52	30	PASS
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Right	21.55	20.85	24.22	24.09	30	PASS
N77-3450-3550	30	40	CP-256QAM	H	Outer_Full	25.54	21.63	27.02	26.89	30	PASS
N77-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Left	25.35	22.45	27.15	27.02	30	PASS
N77-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Right	26.32	25.51	28.94	28.81	30	PASS
N77-3450-3550	30	50	CP-QPSK	L	Outer_Full	25.09	25.32	28.22	28.09	30	PASS
N77-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Left	25.02	25.66	28.36	28.23	30	PASS



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N77-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Right	24.81	25.26	28.05	27.92	30	PASS
N77-3450-3550	30	50	CP-16QAM	L	Outer_Full	25.04	25.36	28.21	28.08	30	PASS
N77-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Left	24.67	24.67	27.68	27.55	30	PASS
N77-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Right	24.34	24.36	27.36	27.23	30	PASS
N77-3450-3550	30	50	CP-64QAM	L	Outer_Full	24.58	24.88	27.74	27.61	30	PASS
N77-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Left	21.8	22.11	24.97	24.84	30	PASS
N77-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Right	21.45	22.36	24.94	24.81	30	PASS
N77-3450-3550	30	50	CP-256QAM	L	Outer_Full	21.6	22.13	24.88	24.75	30	PASS
N77-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Left	25.04	25.25	28.16	28.03	30	PASS
N77-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Right	24.82	24.96	27.90	27.77	30	PASS
N77-3450-3550	30	50	CP-QPSK	M	Outer_Full	24.93	24.87	27.91	27.78	30	PASS
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Left	24.91	24.87	27.90	27.77	30	PASS
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Right	24.65	24.56	27.62	27.49	30	PASS
N77-3450-3550	30	50	CP-16QAM	M	Outer_Full	24.97	25.24	28.12	27.99	30	PASS
N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Left	24.43	25.54	28.03	27.90	30	PASS
N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Right	24.15	25.54	27.91	27.78	30	PASS
N77-3450-3550	30	50	CP-64QAM	M	Outer_Full	24.37	25.14	27.78	27.65	30	PASS
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Left	21.65	22.15	24.92	24.79	30	PASS
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Right	21.41	22.02	24.74	24.61	30	PASS
N77-3450-3550	30	50	CP-256QAM	M	Outer_Full	21.41	21.54	24.49	24.36	30	PASS
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Left	25.06	25.25	28.17	28.04	30	PASS
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Right	24.52	24.64	27.59	27.46	30	PASS
N77-3450-3550	30	50	CP-QPSK	H	Outer_Full	24.65	24.7	27.69	27.56	30	PASS
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Left	24.74	24.64	27.70	27.57	30	PASS
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Right	24.35	24.62	27.50	27.37	30	PASS
N77-3450-3550	30	50	CP-16QAM	H	Outer_Full	24.68	24.73	27.72	27.59	30	PASS
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Left	24.23	23.63	26.95	26.82	30	PASS
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Right	23.85	23.87	26.87	26.74	30	PASS
N77-3450-3550	30	50	CP-64QAM	H	Outer_Full	24.14	24.24	27.20	27.07	30	PASS
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Left	21.37	21.02	24.21	24.08	30	PASS
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Right	21.05	21.19	24.13	24.00	30	PASS
N77-3450-3550	30	50	CP-256QAM	H	Outer_Full	21.2	21.28	24.25	24.12	30	PASS
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Left	24.42	24.46	27.45	27.32	30	PASS
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Right	24.09	24.7	27.42	27.29	30	PASS
N77-3450-3550	30	60	CP-QPSK	L	Outer_Full	24.36	24.59	27.49	27.36	30	PASS
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Left	24.17	24.69	27.45	27.32	30	PASS
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Right	23.84	24.71	27.31	27.18	30	PASS
N77-3450-3550	30	60	CP-16QAM	L	Outer_Full	24.29	24.51	27.41	27.28	30	PASS



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N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Left	23.69	23.69	26.70	26.57	30	PASS
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Right	23.56	23.62	26.60	26.47	30	PASS
N77-3450-3550	30	60	CP-64QAM	L	Outer_Full	23.77	24.04	26.92	26.79	30	PASS
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Left	20.96	21.04	24.01	23.88	30	PASS
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Right	20.66	20.98	23.83	23.70	30	PASS
N77-3450-3550	30	60	CP-256QAM	L	Outer_Full	20.82	21.06	23.95	23.82	30	PASS
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Left	24.3	24.5	27.41	27.28	30	PASS
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Right	24.18	24.95	27.59	27.46	30	PASS
N77-3450-3550	30	60	CP-QPSK	M	Outer_Full	24.26	24.67	27.48	27.35	30	PASS
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Left	24.08	24.53	27.32	27.19	30	PASS
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Right	24.16	24.81	27.51	27.38	30	PASS
N77-3450-3550	30	60	CP-16QAM	M	Outer_Full	24.23	24.59	27.42	27.29	30	PASS
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Left	23.68	23.44	26.57	26.44	30	PASS
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Right	23.7	23.93	26.83	26.70	30	PASS
N77-3450-3550	30	60	CP-64QAM	M	Outer_Full	23.76	24.15	26.97	26.84	30	PASS
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Left	20.87	20.87	23.88	23.75	30	PASS
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Right	20.88	21.29	24.10	23.97	30	PASS
N77-3450-3550	30	60	CP-256QAM	M	Outer_Full	20.77	21.16	23.98	23.85	30	PASS
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Left	24.47	26.32	28.50	28.37	30	PASS
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Right	24.3	26.36	28.46	28.33	30	PASS
N77-3450-3550	30	60	CP-QPSK	H	Outer_Full	24.34	24.77	27.57	27.44	30	PASS
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Left	24.2	24.43	27.33	27.20	30	PASS
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Right	23.97	24.93	27.49	27.36	30	PASS
N77-3450-3550	30	60	CP-16QAM	H	Outer_Full	24.35	24.6	27.49	27.36	30	PASS
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Left	23.88	23.62	26.76	26.63	30	PASS
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Right	23.7	23.87	26.80	26.67	30	PASS
N77-3450-3550	30	60	CP-64QAM	H	Outer_Full	23.87	24.19	27.04	26.91	30	PASS
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Left	21.04	20.98	24.02	23.89	30	PASS
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Right	20.83	21.25	24.06	23.93	30	PASS
N77-3450-3550	30	60	CP-256QAM	H	Outer_Full	20.93	21.21	24.08	23.95	30	PASS
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Left	26.51	26.05	29.30	29.17	30	PASS
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Right	25.89	25.34	28.63	28.50	30	PASS
N77-3450-3550	30	70	CP-QPSK	L	Outer_Full	24.59	25.27	27.95	27.82	30	PASS
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Left	25.78	26.29	29.05	28.92	30	PASS
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Right	25.14	26.31	28.77	28.64	30	PASS
N77-3450-3550	30	70	CP-16QAM	L	Outer_Full	24.61	25.17	27.91	27.78	30	PASS
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Left	24.26	24.29	27.29	27.16	30	PASS
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Right	23.64	24.53	27.12	26.99	30	PASS



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N77-3450-3550	30	70	CP-64QAM	L	Outer_Full	24.07	24.68	27.40	27.27	30	PASS
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Left	21.43	21.77	24.61	24.48	30	PASS
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Right	20.92	21.91	24.45	24.32	30	PASS
N77-3450-3550	30	70	CP-256QAM	L	Outer_Full	21.17	21.75	24.48	24.35	30	PASS
N77-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Left	25.77	25.47	28.63	28.50	30	PASS
N77-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Right	25.5	25.26	28.39	28.26	30	PASS
N77-3450-3550	30	70	CP-QPSK	M	Outer_Full	24.17	23.67	26.94	26.81	30	PASS
N77-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Left	25.38	24.78	28.10	27.97	30	PASS
N77-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Right	25.11	24.79	27.96	27.83	30	PASS
N77-3450-3550	30	70	CP-16QAM	M	Outer_Full	24.21	23.79	27.02	26.89	30	PASS
N77-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Left	23.88	23.46	26.69	26.56	30	PASS
N77-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Right	23.64	23.25	26.46	26.33	30	PASS
N77-3450-3550	30	70	CP-64QAM	M	Outer_Full	23.77	23.22	26.51	26.38	30	PASS
N77-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Left	20.86	20.49	23.69	23.56	30	PASS
N77-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Right	20.55	20.35	23.46	23.33	30	PASS
N77-3450-3550	30	70	CP-256QAM	M	Outer_Full	20.65	20.27	23.47	23.34	30	PASS
N77-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Left	25.8	24.91	28.39	28.26	30	PASS
N77-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Right	25.45	25.24	28.36	28.23	30	PASS
N77-3450-3550	30	70	CP-QPSK	H	Outer_Full	24.16	23.77	26.98	26.85	30	PASS
N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Left	25.19	24.58	27.91	27.78	30	PASS
N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Right	24.92	24.92	27.93	27.80	30	PASS
N77-3450-3550	30	70	CP-16QAM	H	Outer_Full	24.25	23.79	27.04	26.91	30	PASS
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Left	23.86	23.02	26.47	26.34	30	PASS
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Right	23.6	23.32	26.47	26.34	30	PASS
N77-3450-3550	30	70	CP-64QAM	H	Outer_Full	23.67	23.26	26.48	26.35	30	PASS
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Left	20.71	20	23.38	23.25	30	PASS
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Right	20.49	20.23	23.37	23.24	30	PASS
N77-3450-3550	30	70	CP-256QAM	H	Outer_Full	20.76	20.31	23.55	23.42	30	PASS
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Left	25.83	25.68	28.77	28.64	30	PASS
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Right	25.68	25.64	28.67	28.54	30	PASS
N77-3450-3550	30	80	CP-QPSK	L	Outer_Full	24.31	23.76	27.05	26.92	30	PASS
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Left	25.33	25.03	28.19	28.06	30	PASS
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Right	25	24.76	27.89	27.76	30	PASS
N77-3450-3550	30	80	CP-16QAM	L	Outer_Full	24.35	23.75	27.07	26.94	30	PASS
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Left	24	23.14	26.60	26.47	30	PASS
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Right	23.66	23.06	26.38	26.25	30	PASS
N77-3450-3550	30	80	CP-64QAM	L	Outer_Full	23.88	23.33	26.62	26.49	30	PASS
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Left	21	20.4	23.72	23.59	30	PASS



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N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Right	20.78	20.35	23.58	23.45	30	PASS
N77-3450-3550	30	80	CP-256QAM	L	Outer_Full	20.83	20.29	23.58	23.45	30	PASS
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Left	25.83	25.68	28.77	28.64	30	PASS
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Right	25.48	25.44	28.47	28.34	30	PASS
N77-3450-3550	30	80	CP-QPSK	M	Outer_Full	24.18	23.78	26.99	26.86	30	PASS
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Left	24.94	25.01	27.99	27.86	30	PASS
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Right	24.87	24.65	27.77	27.64	30	PASS
N77-3450-3550	30	80	CP-16QAM	M	Outer_Full	24.21	23.74	26.99	26.86	30	PASS
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Left	23.83	23.11	26.50	26.37	30	PASS
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Right	23.46	22.93	26.21	26.08	30	PASS
N77-3450-3550	30	80	CP-64QAM	M	Outer_Full	23.79	23.29	26.56	26.43	30	PASS
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Left	21.01	20.4	23.73	23.60	30	PASS
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Right	20.64	20.34	23.50	23.37	30	PASS
N77-3450-3550	30	80	CP-256QAM	M	Outer_Full	20.78	20.34	23.58	23.45	30	PASS
N77-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Left	25.8	25.46	28.64	28.51	30	PASS
N77-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Right	25.41	25.57	28.50	28.37	30	PASS
N77-3450-3550	30	80	CP-QPSK	H	Outer_Full	24.26	23.8	27.05	26.92	30	PASS
N77-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Left	25.17	24.58	27.90	27.77	30	PASS
N77-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Right	24.79	24.68	27.75	27.62	30	PASS
N77-3450-3550	30	80	CP-16QAM	H	Outer_Full	24.19	23.71	26.97	26.84	30	PASS
N77-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Left	23.81	22.75	26.32	26.19	30	PASS
N77-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Right	23.4	22.98	26.21	26.08	30	PASS
N77-3450-3550	30	80	CP-64QAM	H	Outer_Full	23.7	23.27	26.50	26.37	30	PASS
N77-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Left	20.86	20.1	23.51	23.38	30	PASS
N77-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Right	20.56	20.25	23.42	23.29	30	PASS
N77-3450-3550	30	80	CP-256QAM	H	Outer_Full	20.74	20.22	23.50	23.37	30	PASS
N77-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Left	25.8	25.31	28.57	28.44	30	PASS
N77-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Right	25.53	25.26	28.41	28.28	30	PASS
N77-3450-3550	30	90	CP-QPSK	L	Outer_Full	24.3	23.79	27.06	26.93	30	PASS
N77-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Left	25.33	24.83	28.10	27.97	30	PASS
N77-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Right	24.91	24.87	27.90	27.77	30	PASS
N77-3450-3550	30	90	CP-16QAM	L	Outer_Full	24.37	23.79	27.10	26.97	30	PASS
N77-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Left	23.9	23.06	26.51	26.38	30	PASS
N77-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Right	23.61	22.99	26.32	26.19	30	PASS
N77-3450-3550	30	90	CP-64QAM	L	Outer_Full	23.9	23.36	26.65	26.52	30	PASS
N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Left	21.1	20.42	23.78	23.65	30	PASS
N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Right	20.75	20.37	23.57	23.44	30	PASS
N77-3450-3550	30	90	CP-256QAM	L	Outer_Full	20.89	20.39	23.66	23.53	30	PASS



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N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Left	25.93	25.61	28.78	28.65	30	PASS
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Right	25.56	25.4	28.49	28.36	30	PASS
N77-3450-3550	30	90	CP-QPSK	M	Outer_Full	24.26	23.81	27.05	26.92	30	PASS
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Left	25.14	24.93	28.05	27.92	30	PASS
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Right	24.79	25.04	27.93	27.80	30	PASS
N77-3450-3550	30	90	CP-16QAM	M	Outer_Full	24.31	23.84	27.09	26.96	30	PASS
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Left	23.82	23.05	26.46	26.33	30	PASS
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Right	23.49	23.1	26.31	26.18	30	PASS
N77-3450-3550	30	90	CP-64QAM	M	Outer_Full	23.78	23.4	26.60	26.47	30	PASS
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Left	20.98	20.48	23.75	23.62	30	PASS
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Right	20.65	20.49	23.58	23.45	30	PASS
N77-3450-3550	30	90	CP-256QAM	M	Outer_Full	20.77	20.37	23.58	23.45	30	PASS
N77-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Left	25.93	25.41	28.69	28.56	30	PASS
N77-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Right	25.5	25.43	28.48	28.35	30	PASS
N77-3450-3550	30	90	CP-QPSK	H	Outer_Full	24.23	23.82	27.04	26.91	30	PASS
N77-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Left	25.27	25.05	28.17	28.04	30	PASS
N77-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Right	24.7	25	27.86	27.73	30	PASS
N77-3450-3550	30	90	CP-16QAM	H	Outer_Full	24.29	23.85	27.09	26.96	30	PASS
N77-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Left	23.96	23.14	26.58	26.45	30	PASS
N77-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Right	23.5	23.03	26.28	26.15	30	PASS
N77-3450-3550	30	90	CP-64QAM	H	Outer_Full	23.82	23.34	26.60	26.47	30	PASS
N77-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Left	21.08	20.48	23.80	23.67	30	PASS
N77-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Right	20.62	20.45	23.55	23.42	30	PASS
N77-3450-3550	30	90	CP-256QAM	H	Outer_Full	20.77	20.36	23.58	23.45	30	PASS
N77-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Left	25.89	25.46	28.69	28.56	30	PASS
N77-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Right	25.52	25.76	28.65	28.52	30	PASS
N77-3450-3550	30	100	CP-QPSK	L	Outer_Full	24.25	23.83	27.06	26.93	30	PASS
N77-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Left	25.05	24.83	27.95	27.82	30	PASS
N77-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Right	24.74	24.72	27.74	27.61	30	PASS
N77-3450-3550	30	100	CP-16QAM	L	Outer_Full	24.27	23.86	27.08	26.95	30	PASS
N77-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Left	23.85	23.14	26.52	26.39	30	PASS
N77-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Right	23.46	23.12	26.30	26.17	30	PASS
N77-3450-3550	30	100	CP-64QAM	L	Outer_Full	23.8	23.35	26.59	26.46	30	PASS
N77-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Left	21.03	20.43	23.75	23.62	30	PASS
N77-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Right	20.7	20.44	23.58	23.45	30	PASS
N77-3450-3550	30	100	CP-256QAM	L	Outer_Full	20.84	20.42	23.65	23.52	30	PASS
N77-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Left	25.97	25.52	28.76	28.63	30	PASS
N77-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Right	25.5	25.32	28.42	28.29	30	PASS



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N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	24.31	23.86	27.10	26.97	30	PASS
N77-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Left	25.36	24.99	28.19	28.06	30	PASS
N77-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Right	24.98	25.04	28.02	27.89	30	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	24.34	23.88	27.13	27.00	30	PASS
N77-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Left	23.81	23.19	26.52	26.39	30	PASS
N77-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Right	23.57	23.06	26.33	26.20	30	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	23.85	23.37	26.63	26.50	30	PASS
N77-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Left	20.95	20.58	23.78	23.65	30	PASS
N77-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Right	20.71	20.52	23.63	23.50	30	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	20.84	20.44	23.65	23.52	30	PASS
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Left	25.83	25.63	28.74	28.61	30	PASS
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Right	25.57	25.76	28.68	28.55	30	PASS
N77-3450-3550	30	100	CP-QPSK	H	Outer_Full	24.37	23.91	27.16	27.03	30	PASS
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Left	25.24	24.86	28.06	27.93	30	PASS
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Right	24.85	24.93	27.90	27.77	30	PASS
N77-3450-3550	30	100	CP-16QAM	H	Outer_Full	24.29	23.93	27.12	26.99	30	PASS
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Left	23.85	23.1	26.50	26.37	30	PASS
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Right	23.53	23.04	26.30	26.17	30	PASS
N77-3450-3550	30	100	CP-64QAM	H	Outer_Full	23.81	23.44	26.64	26.51	30	PASS
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Left	20.98	20.44	23.73	23.60	30	PASS
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Right	20.7	20.46	23.59	23.46	30	PASS
N77-3450-3550	30	100	CP-256QAM	H	Outer_Full	20.8	20.43	23.63	23.50	30	PASS



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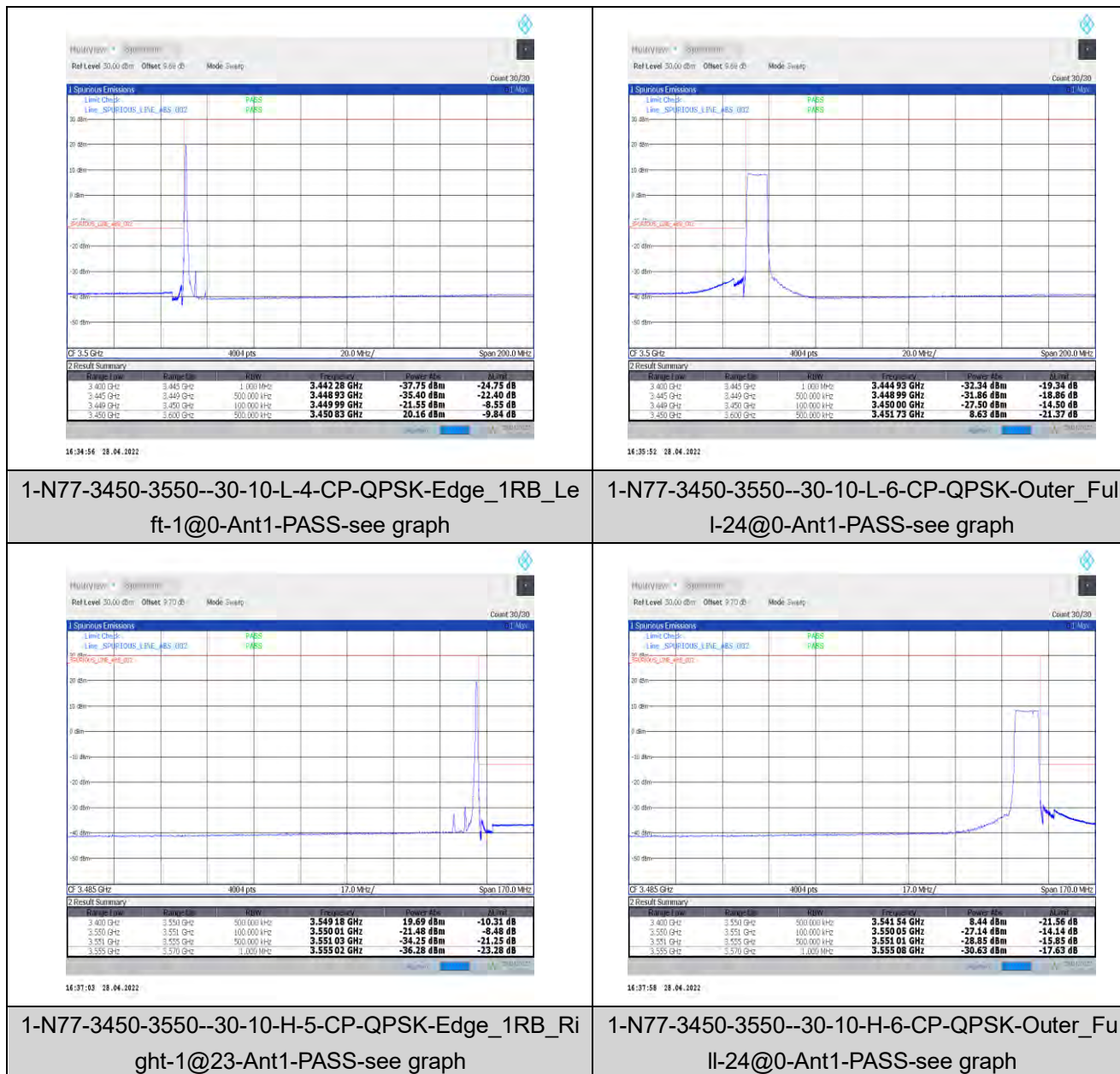
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Band Edge for MIMO ANT1

Test Graphs



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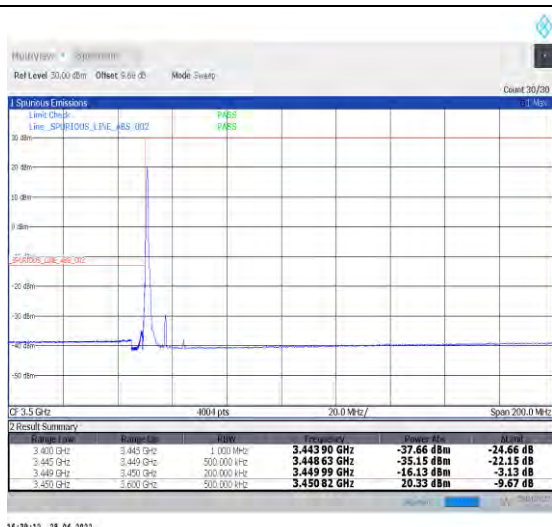
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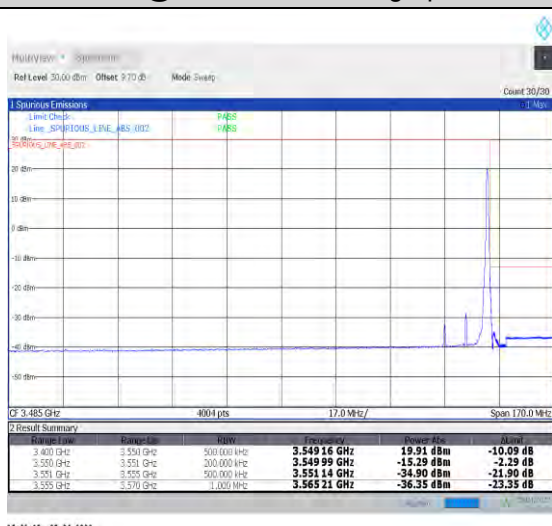
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16:40:08 28.04.2022

1-N77-3450-3550--30-15-L-6-CP-QPSK-Outer_Ful
l-38@0-Ant1-PASS-see graph



16:41:13 28.04.2022

1-N77-3450-3550--30-15-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@37-Ant1-PASS-see graph



16:42:14 28.04.2022

1-N77-3450-3550--30-15-H-6-CP-QPSK-Outer_Fu
ll-38@0-Ant1-PASS-see graph



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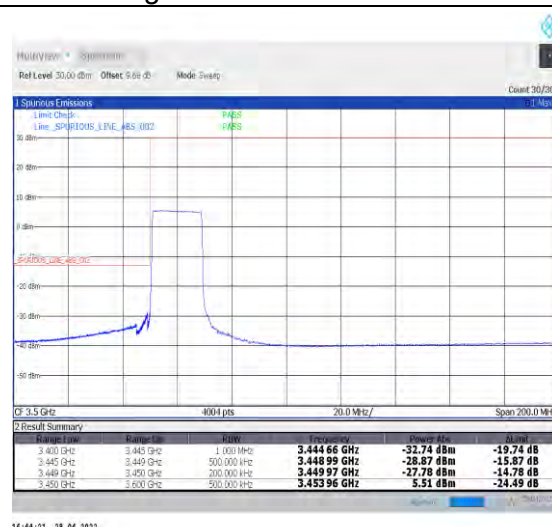
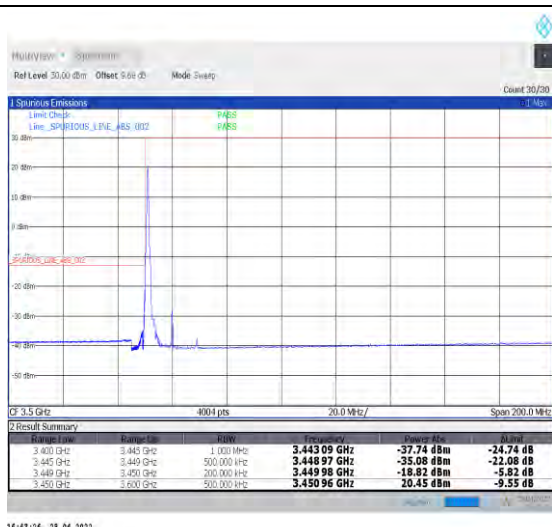
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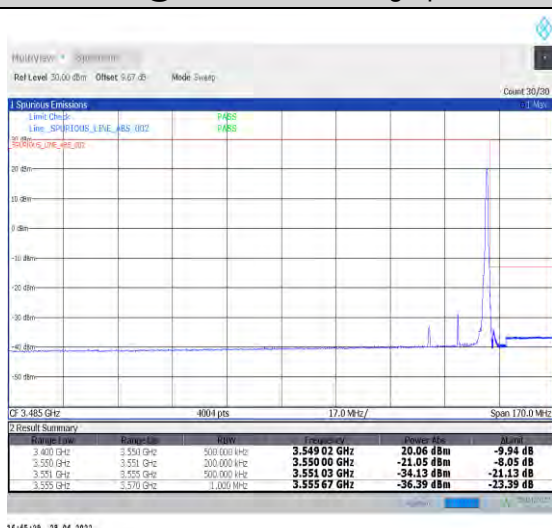
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1-N77-3450-3550--30-20-L-4-CP-QPSK-Edge_1RB_Le
ft-1@0-Ant1-PASS-see graph

1-N77-3450-3550--30-20-L-6-CP-QPSK-Outer_Ful
I-51@0-Ant1-PASS-see graph



1-N77-3450-3550--30-20-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@50-Ant1-PASS-see graph

1-N77-3450-3550--30-20-H-6-CP-QPSK-Outer_Fu
ll-51@0-Ant1-PASS-see graph



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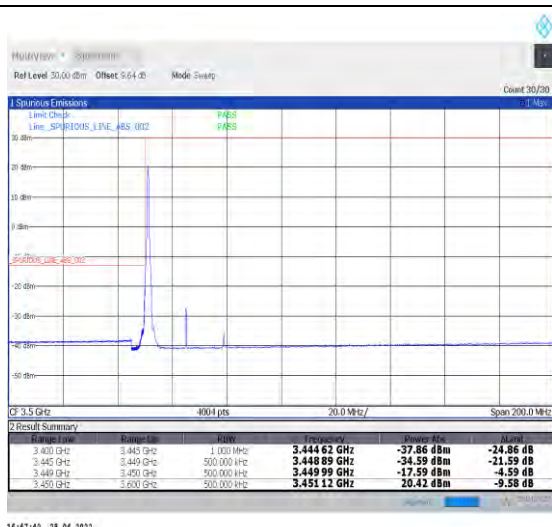
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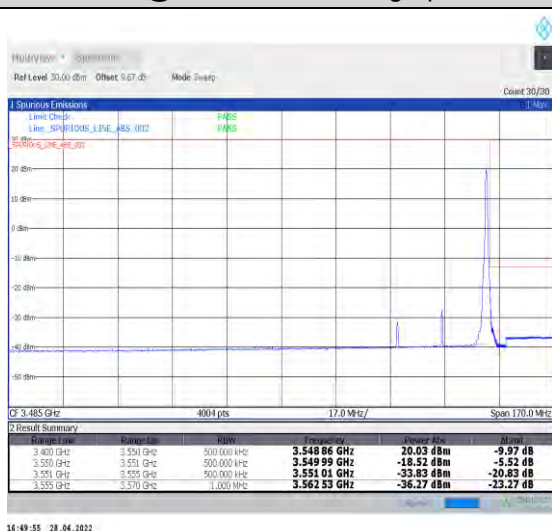
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16:48:38 28.04.2022

1-N77-3450-3550--30-30-L-6-CP-QPSK-Outer_Ful l-78@0-Ant1-PASS-see graph



16:49:55 28.04.2022

1-N77-3450-3550--30-30-H-5-CP-QPSK-Edge_1RB_Ri ght-1@77-Ant1-PASS-see graph



16:50:50 28.04.2022

1-N77-3450-3550--30-30-H-6-CP-QPSK-Outer_Fu ll-78@0-Ant1-PASS-see graph



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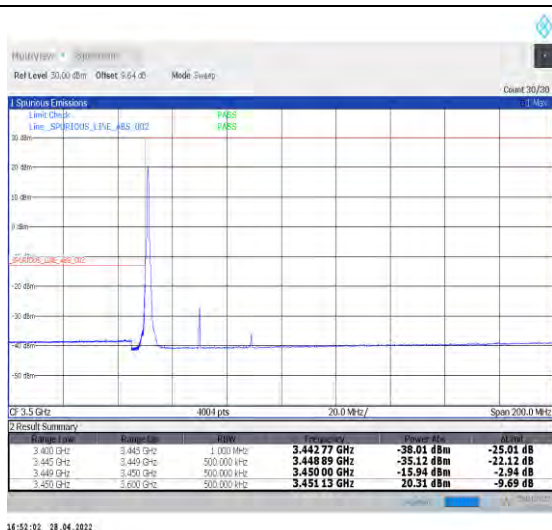
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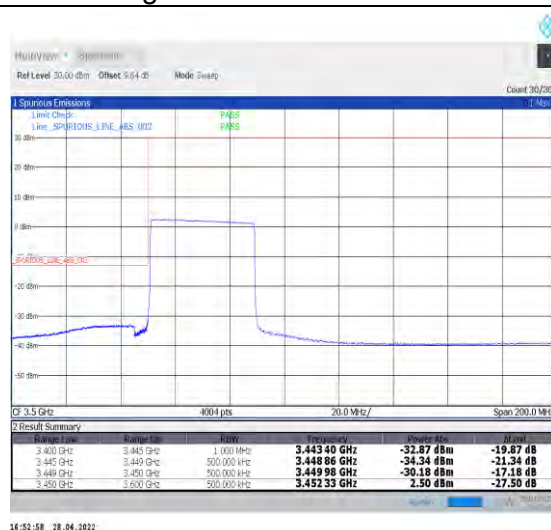
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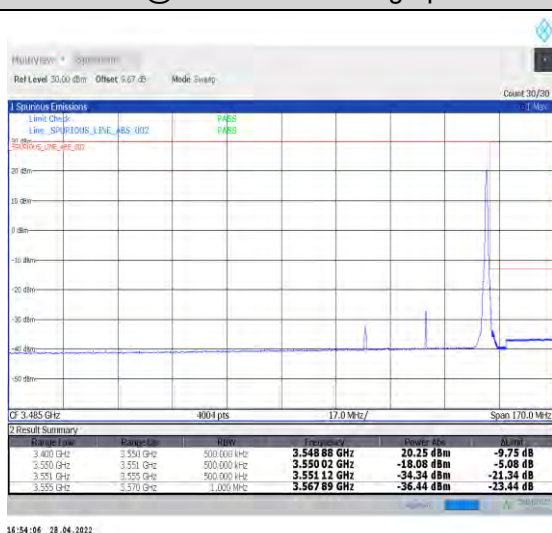
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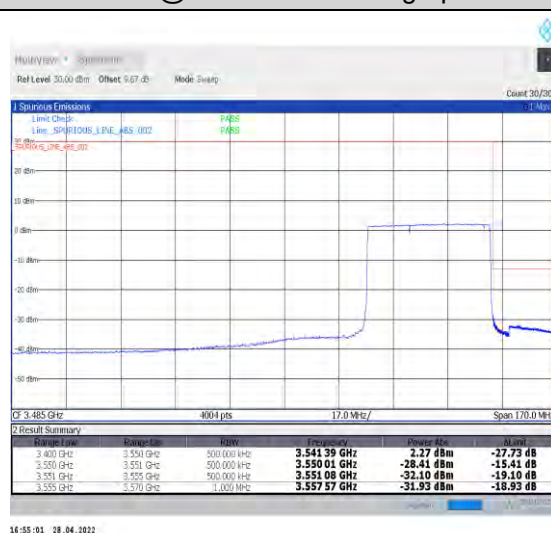
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1-N77-3450-3550--30-40-L-6-CP-QPSK-Outer_Ful
I-106@0-Ant1-PASS-see graph



1-N77-3450-3550--30-40-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@105-Ant1-PASS-see graph



1-N77-3450-3550--30-40-H-6-CP-QPSK-Outer_Fu
ll-106@0-Ant1-PASS-see graph



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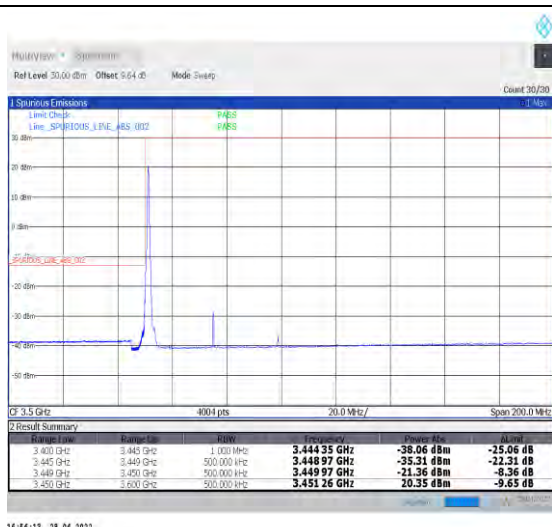
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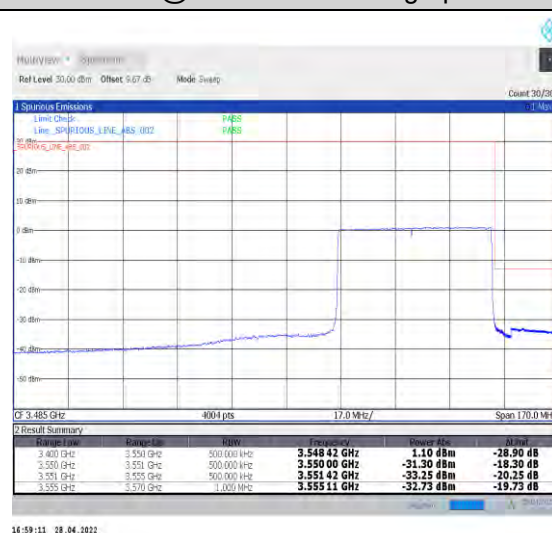
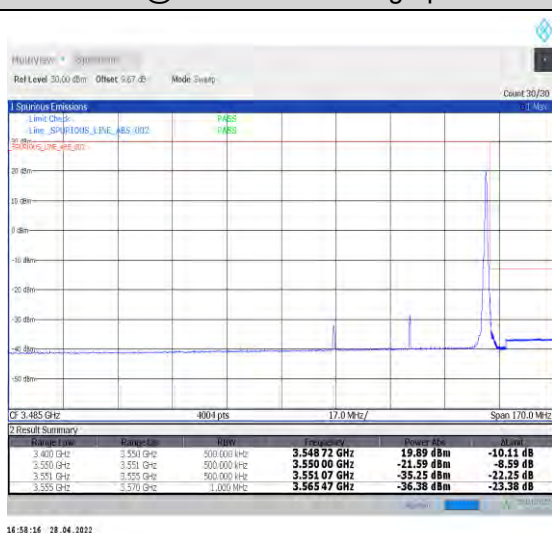
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1-N77-3450-3550--30-50-L-4-CP-QPSK-Edge_1RB_Le ft-1@0-Ant1-PASS-see graph

1-N77-3450-3550--30-50-L-6-CP-QPSK-Outer_Ful I-133@0-Ant1-PASS-see graph



1-N77-3450-3550--30-50-H-5-CP-QPSK-Edge_1RB_Ri ght-1@132-Ant1-PASS-see graph

1-N77-3450-3550--30-50-H-6-CP-QPSK-Outer_Fu ll-133@0-Ant1-PASS-see graph



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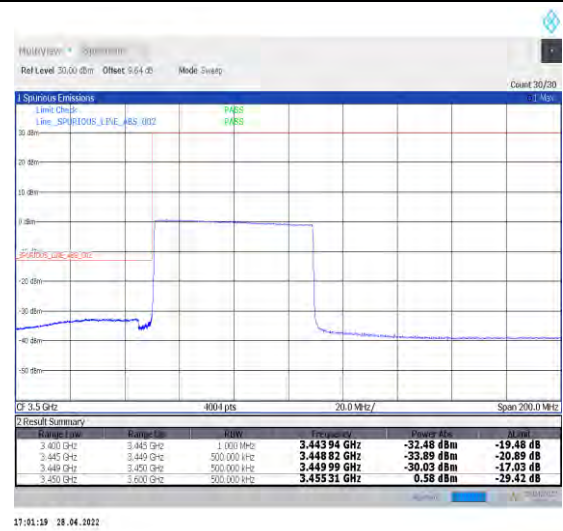
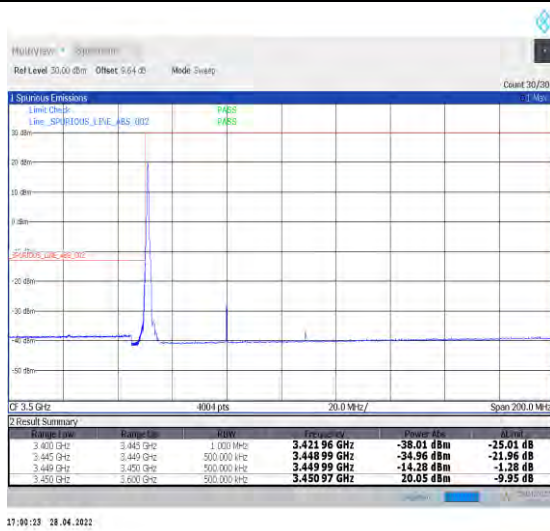
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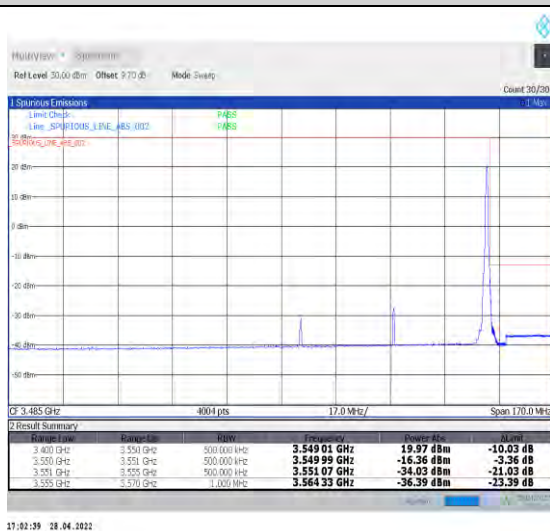
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1-N77-3450-3550--30-60-L-6-CP-QPSK-Outer_Ful
I-162@0-Ant1-PASS-see graph



1-N77-3450-3550--30-60-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@161-Ant1-PASS-see graph

1-N77-3450-3550--30-60-H-6-CP-QPSK-Outer_Fu
II-162@0-Ant1-PASS-see graph



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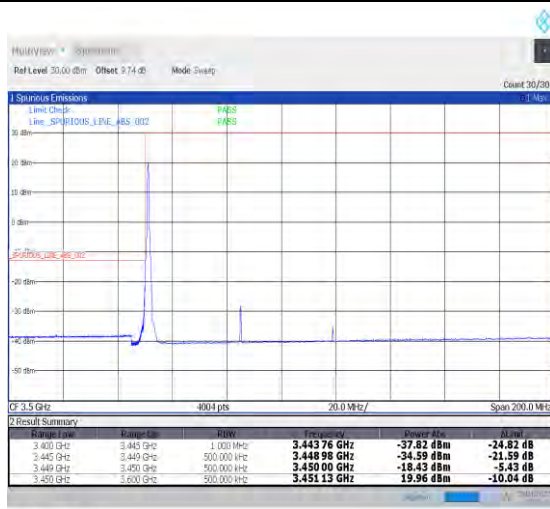
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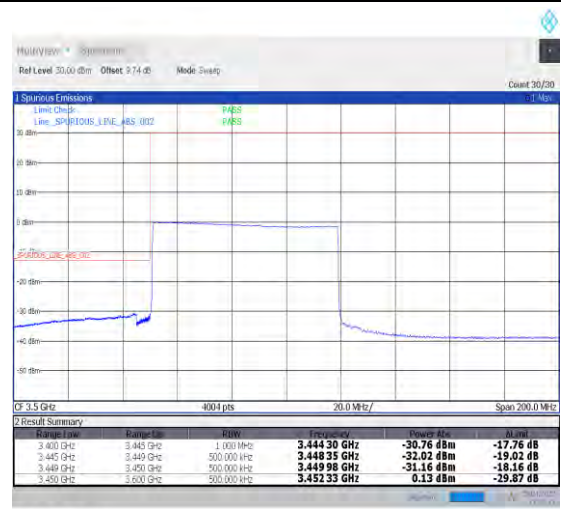
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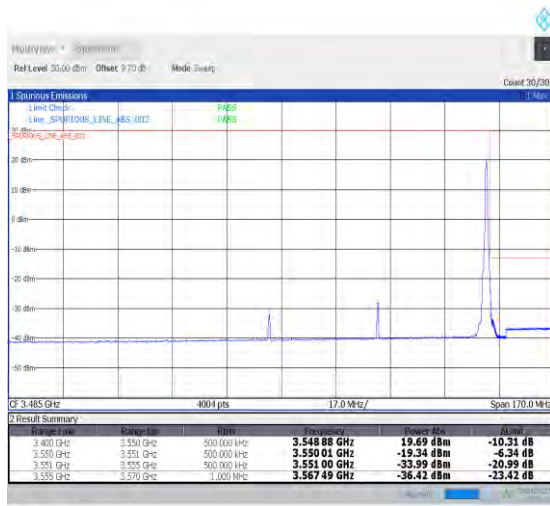
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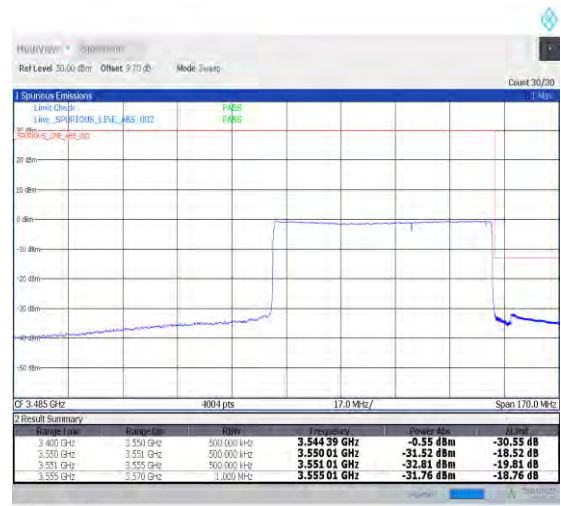
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17:07:45 28.04.2022

1-N77-3450-3550--30-70-H-6-CP-QPSK-Outer_Fu ll-189@0-Ant1-PASS-see graph



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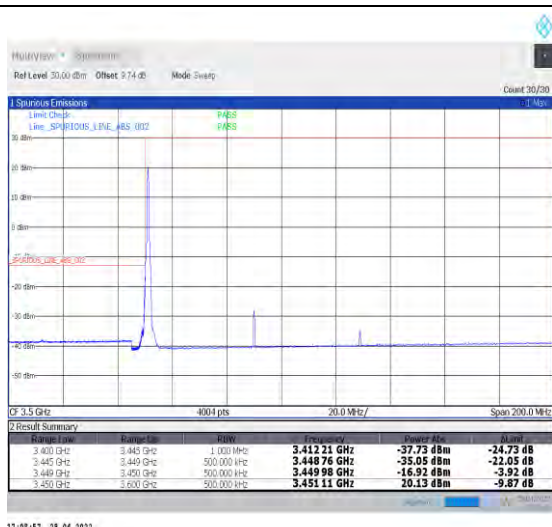
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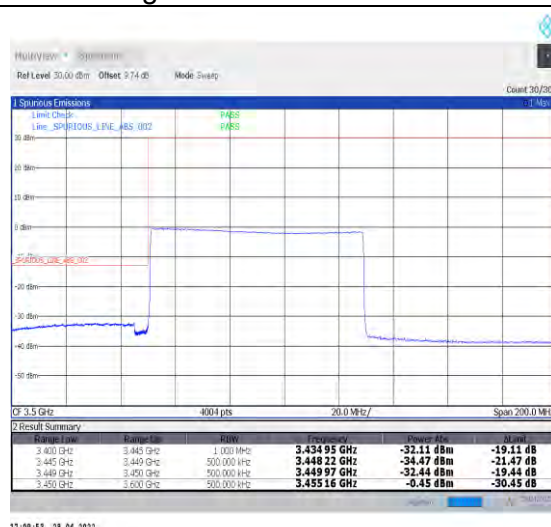
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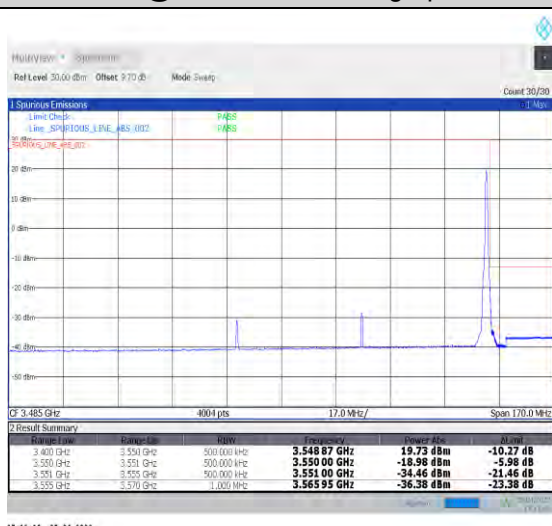
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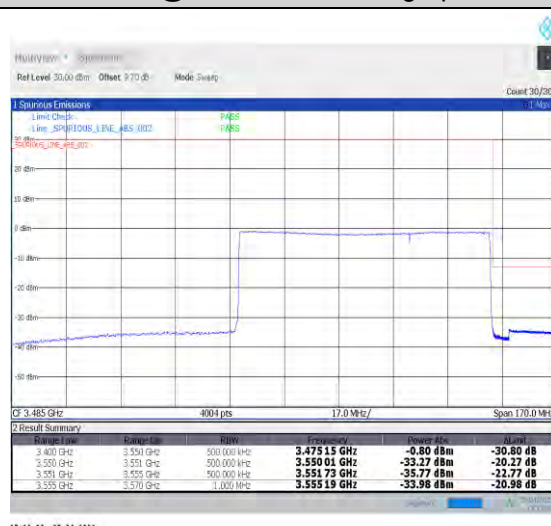
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1-N77-3450-3550--30-80-L-6-CP-QPSK-Outer_Ful
I-217@0-Ant1-PASS-see graph



17:11:10 28.04.2022

1-N77-3450-3550--30-80-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@216-Ant1-PASS-see graph



17:12:06 28.04.2022

1-N77-3450-3550--30-80-H-6-CP-QPSK-Outer_Fu
ll-217@0-Ant1-PASS-see graph



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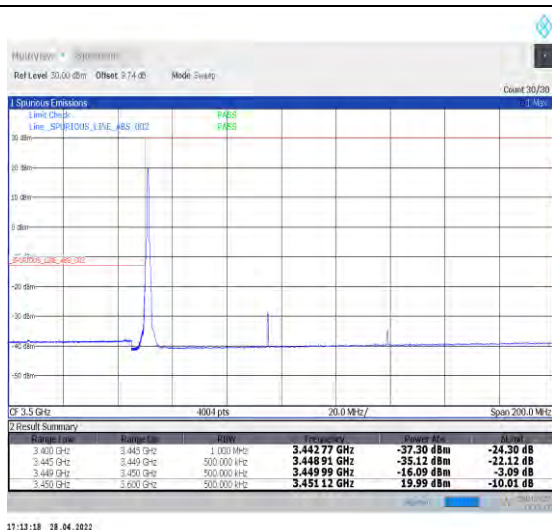
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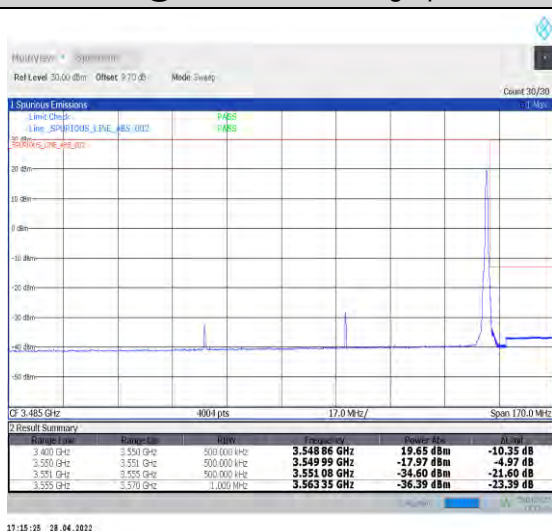
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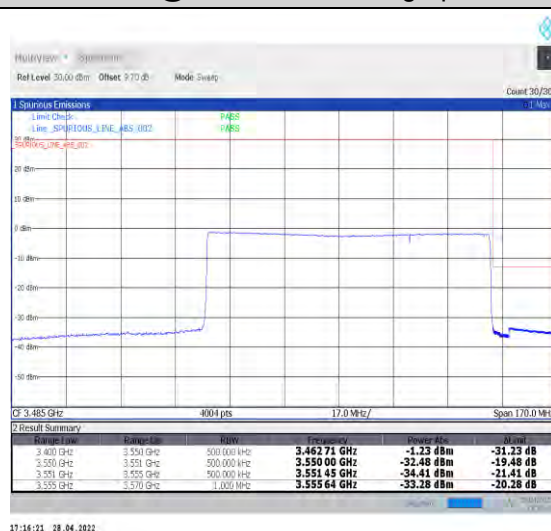
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I-245@0-Ant1-PASS-see graph



17:15:25 28.04.2022

1-N77-3450-3550--30-90-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@244-Ant1-PASS-see graph



17:16:21 28.04.2022

1-N77-3450-3550--30-90-H-6-CP-QPSK-Outer_Fu
ll-245@0-Ant1-PASS-see graph



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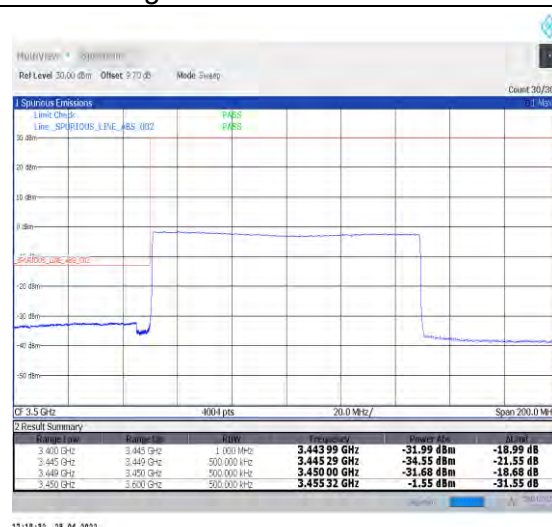
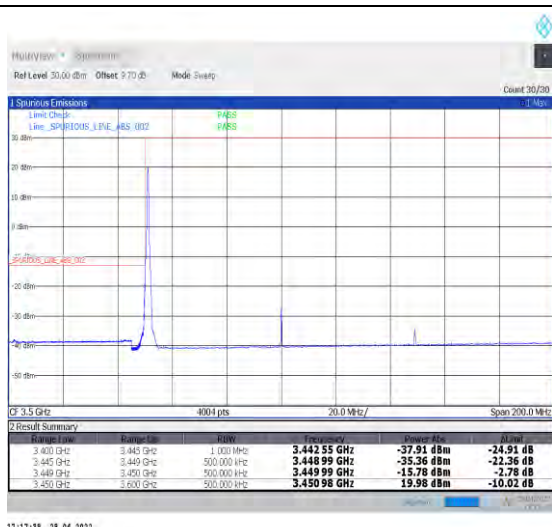
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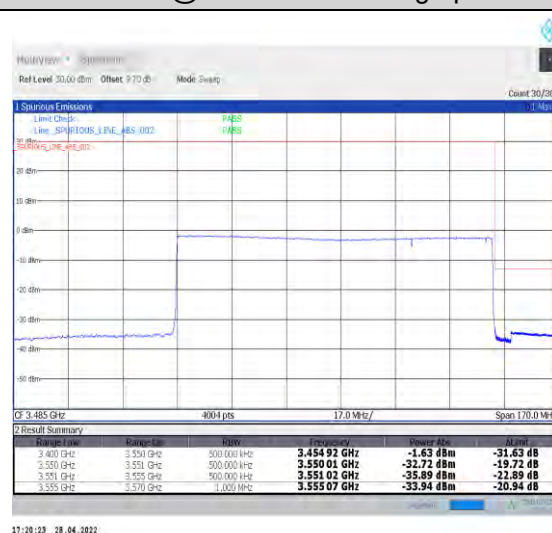
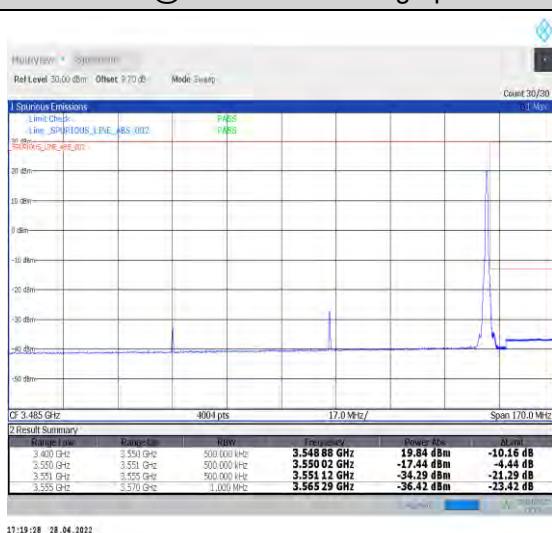
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1-N77-3450-3550--30-100-L-4-CP-QPSK-Edge_1RB_L
eft-1@0-Ant1-PASS-see graph

1-N77-3450-3550--30-100-L-6-CP-QPSK-Outer_F
ull-273@0-Ant1-PASS-see graph



1-N77-3450-3550--30-100-H-5-CP-QPSK-Edge_1RB_
Right-1@272-Ant1-PASS-see graph

1-N77-3450-3550--30-100-H-6-CP-QPSK-Outer_F
ull-273@0-Ant1-PASS-see graph



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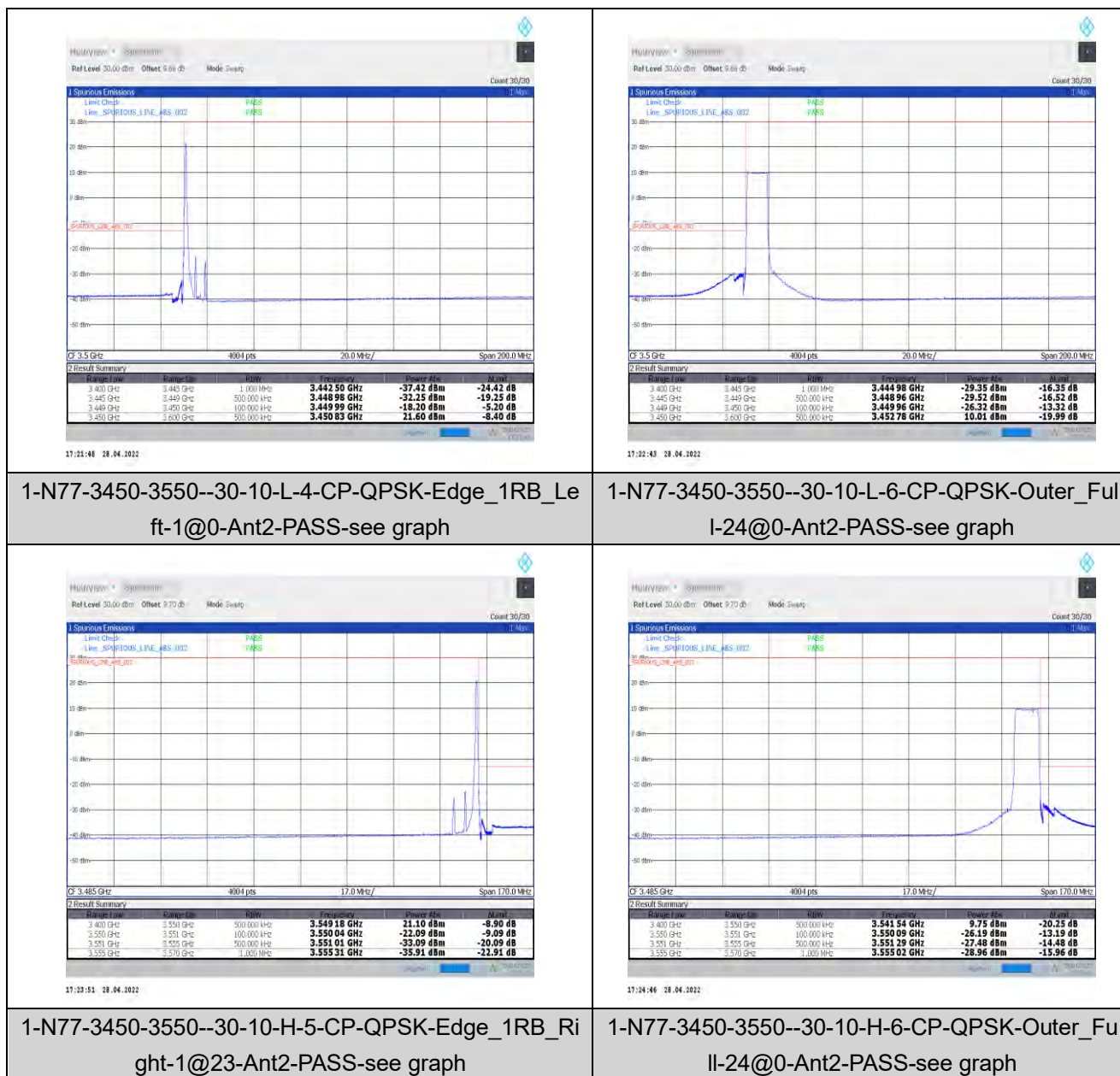
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Band Edge for MIMO ANT2

Test Graphs



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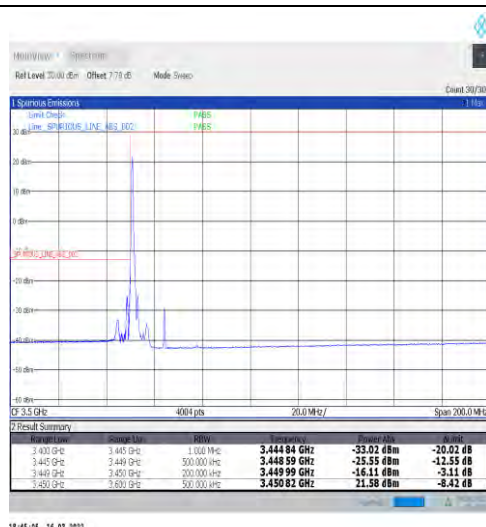
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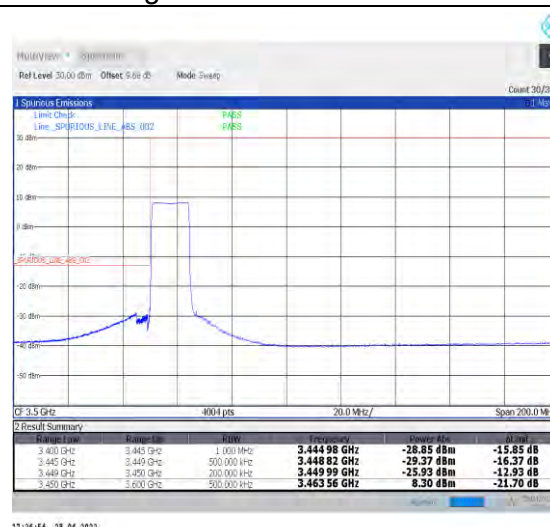
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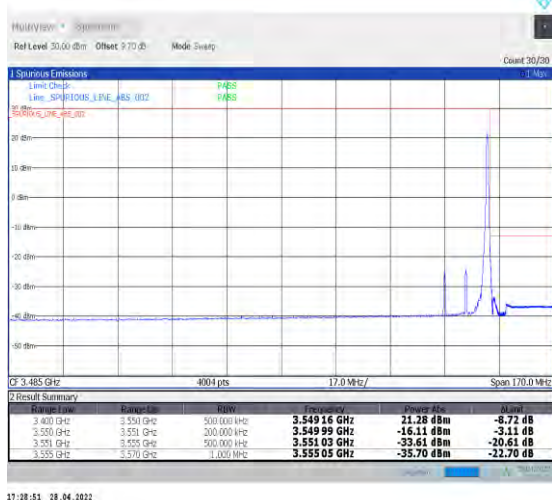
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17:04:54 28.04.2022

1-N77-3450-3550--30-15-L-4-CP-QPSK-Edge_1RB_Le ft-1@0-Ant2-FAIL-see graph

1-N77-3450-3550--30-15-L-6-CP-QPSK-Outer_Ful l-38@0-Ant2-PASS-see graph



17:28:51 28.04.2022



17:29:46 28.04.2022

1-N77-3450-3550--30-15-H-5-CP-QPSK-Edge_1RB_Ri ght-1@37-Ant2-PASS-see graph

1-N77-3450-3550--30-15-H-6-CP-QPSK-Outer_Fu ll-38@0-Ant2-PASS-see graph



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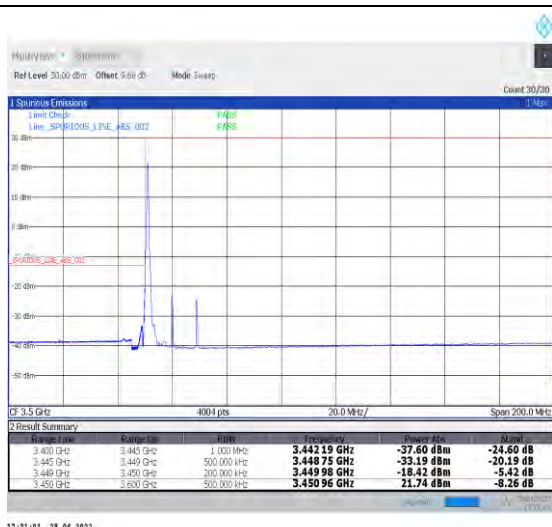
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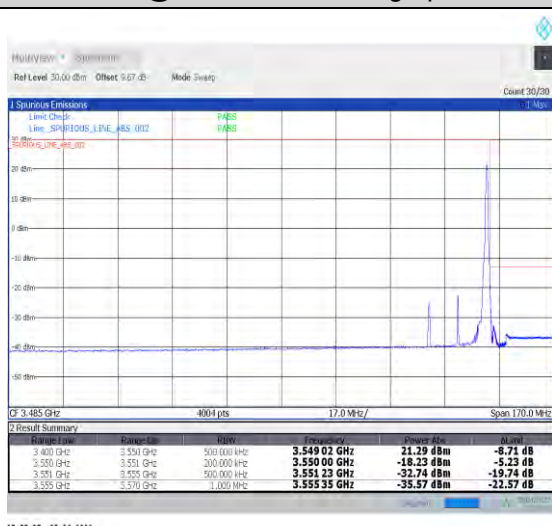
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1-N77-3450-3550--30-20-L-6-CP-QPSK-Outer_Ful I-51@0-Ant2-PASS-see graph



17:33:07 28.04.2022

1-N77-3450-3550--30-20-H-5-CP-QPSK-Edge_1RB_Ri ght-1@50-Ant2-PASS-see graph



17:34:02 28.04.2022

1-N77-3450-3550--30-20-H-6-CP-QPSK-Outer_Fu ll-51@0-Ant2-PASS-see graph



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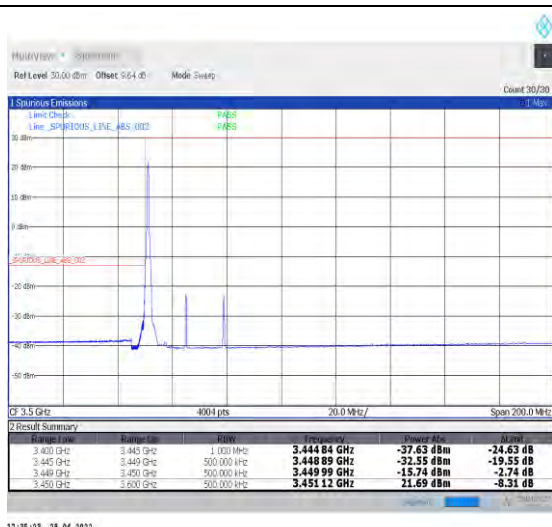
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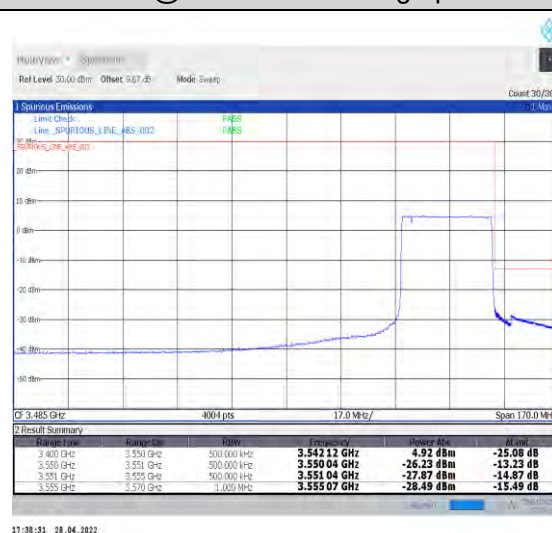
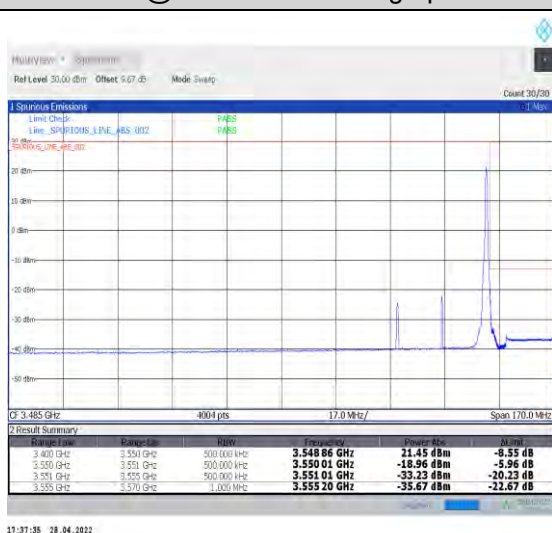
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1-N77-3450-3550--30-30-L-4-CP-QPSK-Edge_1RB_Le ft-1@0-Ant2-PASS-see graph

1-N77-3450-3550--30-30-L-6-CP-QPSK-Outer_Ful l-78@0-Ant2-PASS-see graph



1-N77-3450-3550--30-30-H-5-CP-QPSK-Edge_1RB_Ri ght-1@77-Ant2-PASS-see graph

1-N77-3450-3550--30-30-H-6-CP-QPSK-Outer_Fu ll-78@0-Ant2-PASS-see graph



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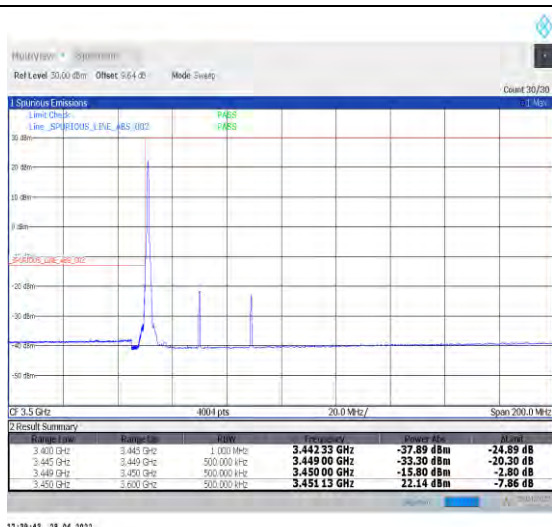
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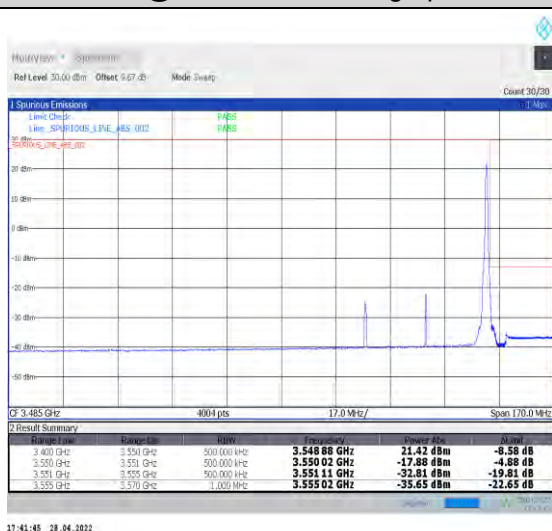
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17:40:38 28.04.2022

1-N77-3450-3550--30-40-L-6-CP-QPSK-Outer_Ful I-106@0-Ant2-PASS-see graph



17:41:45 28.04.2022

1-N77-3450-3550--30-40-H-5-CP-QPSK-Edge_1RB_Ri ght-1@105-Ant2-PASS-see graph



17:42:41 28.04.2022

1-N77-3450-3550--30-40-H-6-CP-QPSK-Outer_Fu ll-106@0-Ant2-PASS-see graph



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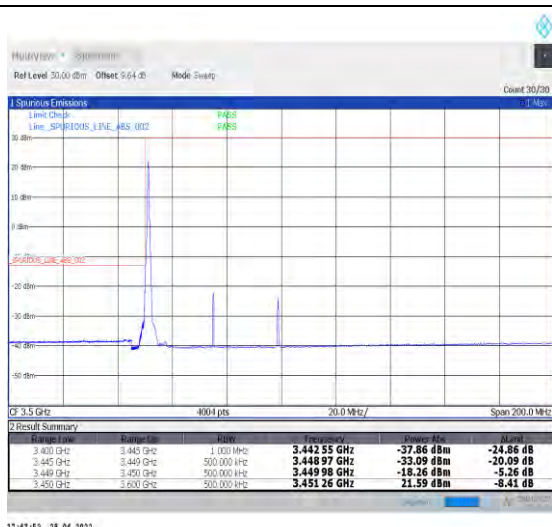
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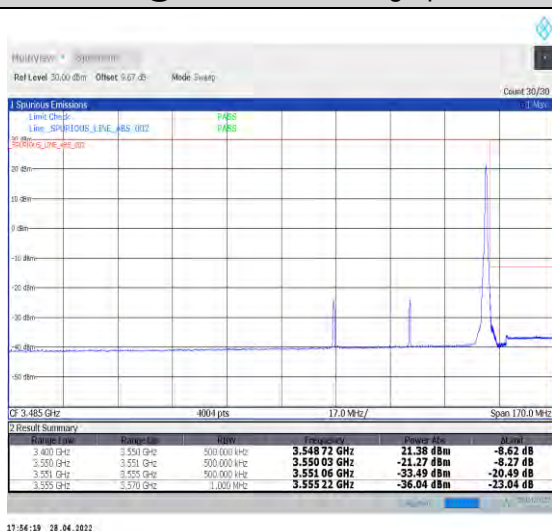
17:43:52 28.04.2022

1-N77-3450-3550--30-50-L-4-CP-QPSK-Edge_1RB_Le ft-1@0-Ant2-PASS-see graph



17:44:08 28.04.2022

1-N77-3450-3550--30-50-L-6-CP-QPSK-Outer_Ful I-133@0-Ant2-PASS-see graph



17:54:19 28.04.2022

1-N77-3450-3550--30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant2-PASS-see graph



17:57:14 28.04.2022

1-N77-3450-3550--30-50-H-6-CP-QPSK-Outer_Full-1@133@0-Ant2-PASS-see graph



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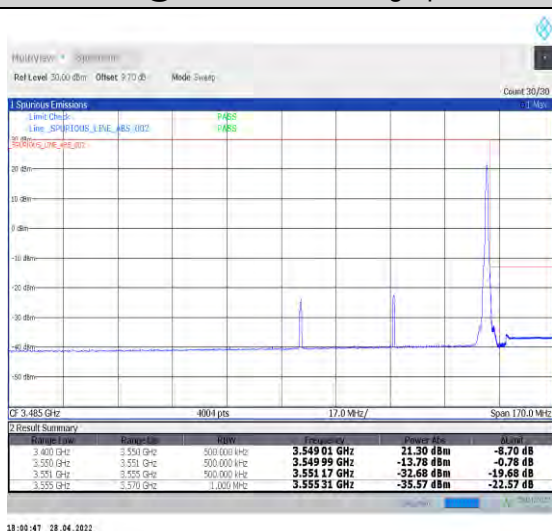
17:58:31 28.04.2022

1-N77-3450-3550--30-60-L-4-CP-QPSK-Edge_1RB_Le ft-1@0-Ant2-PASS-see graph



17:59:27 28.04.2022

1-N77-3450-3550--30-60-L-6-CP-QPSK-Outer_Ful I-162@0-Ant2-PASS-see graph



18:00:47 28.04.2022

1-N77-3450-3550--30-60-H-5-CP-QPSK-Edge_1RB_Ri ght-1@161-Ant2-PASS-see graph



18:01:40 28.04.2022

1-N77-3450-3550--30-60-H-6-CP-QPSK-Outer_Fu ll-162@0-Ant2-PASS-see graph



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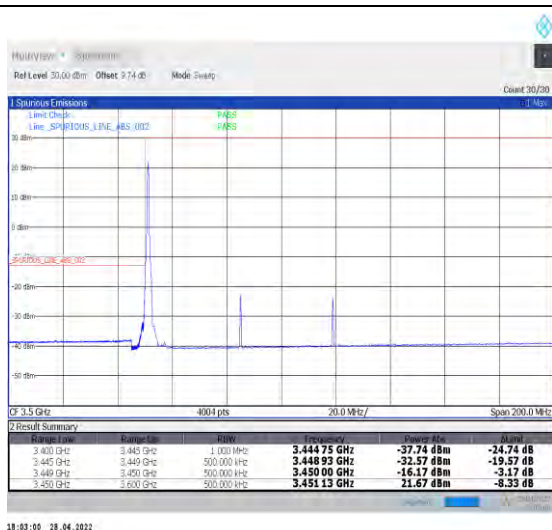
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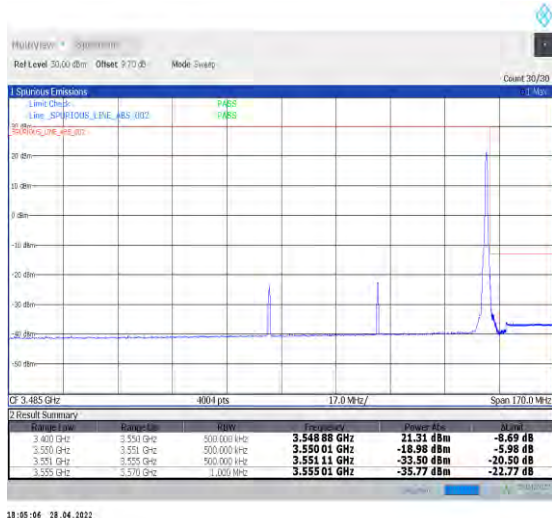
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1-N77-3450-3550--30-70-L-4-CP-QPSK-Edge_1RB_Le
ft-1@0-Ant2-PASS-see graph

1-N77-3450-3550--30-70-L-6-CP-QPSK-Outer_Ful
I-189@0-Ant2-PASS-see graph



1-N77-3450-3550--30-70-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@188-Ant2-PASS-see graph

1-N77-3450-3550--30-70-H-6-CP-QPSK-Outer_Fu
ll-189@0-Ant2-PASS-see graph



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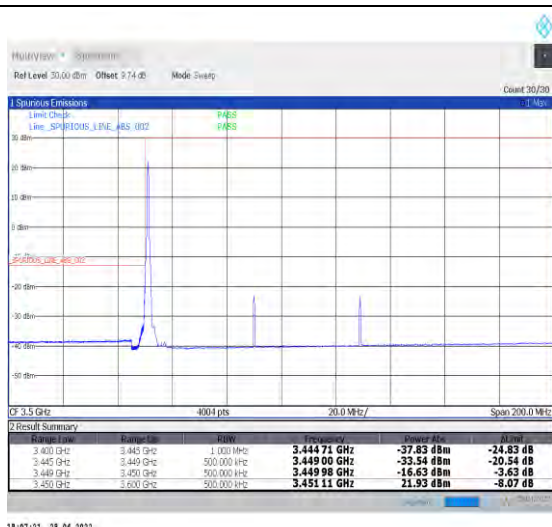
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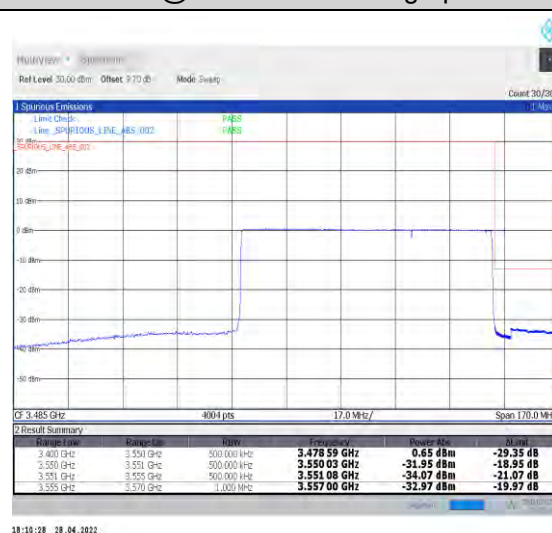
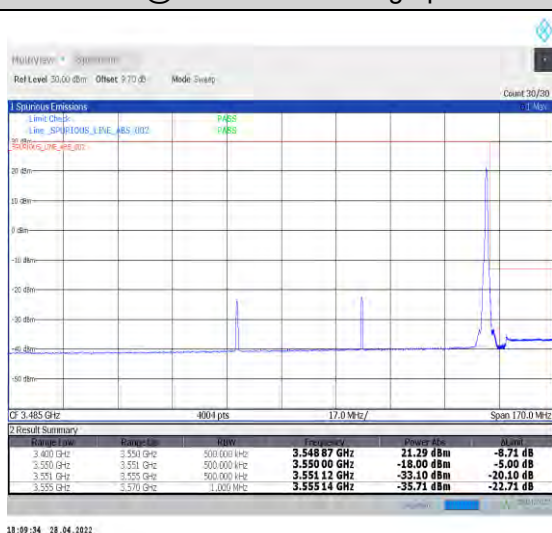
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1-N77-3450-3550--30-80-L-4-CP-QPSK-Edge_1RB_Le
ft-1@0-Ant2-PASS-see graph

1-N77-3450-3550--30-80-L-6-CP-QPSK-Outer_Ful
I-217@0-Ant2-PASS-see graph



1-N77-3450-3550--30-80-H-5-CP-QPSK-Edge_1RB_Ri
ght-1@216-Ant2-PASS-see graph

1-N77-3450-3550--30-80-H-6-CP-QPSK-Outer_Fu
ll-217@0-Ant2-PASS-see graph



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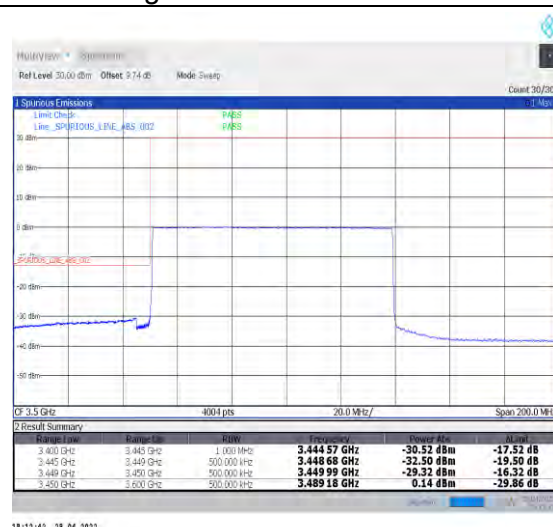
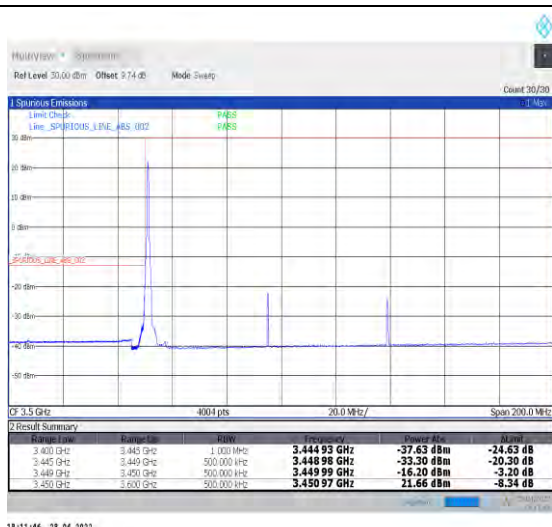
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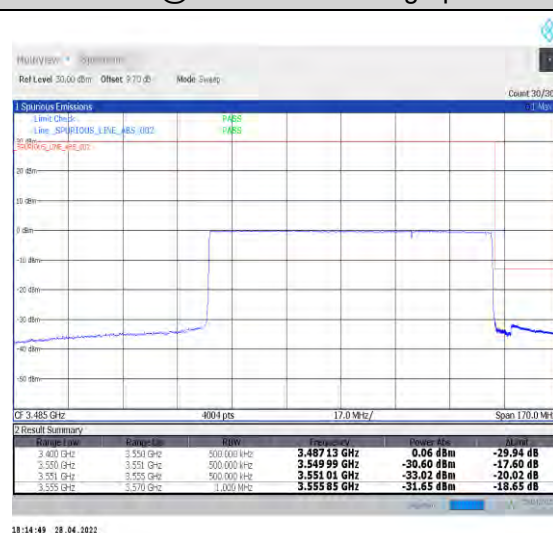
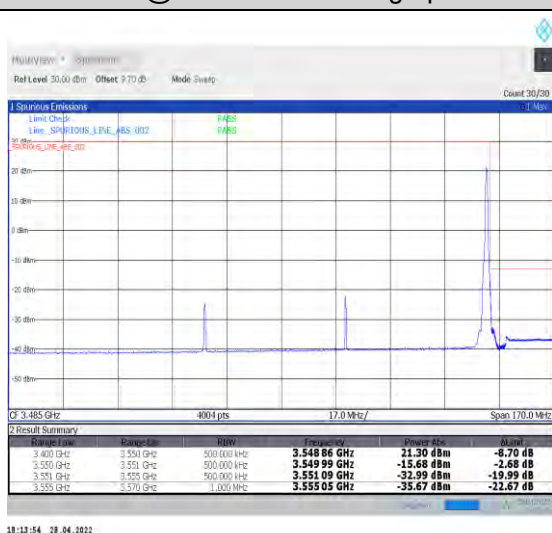
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1-N77-3450-3550--30-90-L-4-CP-QPSK-Edge_1RB_Le ft-1@0-Ant2-PASS-see graph

1-N77-3450-3550--30-90-L-6-CP-QPSK-Outer_Ful I-245@0-Ant2-PASS-see graph



1-N77-3450-3550--30-90-H-5-CP-QPSK-Edge_1RB_Ri ght-1@244-Ant2-PASS-see graph

1-N77-3450-3550--30-90-H-6-CP-QPSK-Outer_Fu ll-245@0-Ant2-PASS-see graph



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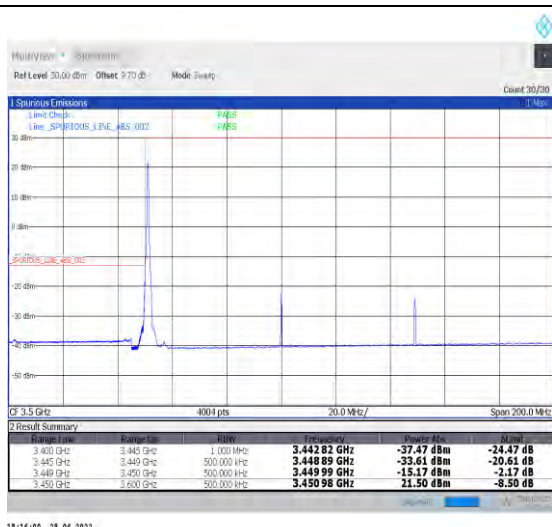
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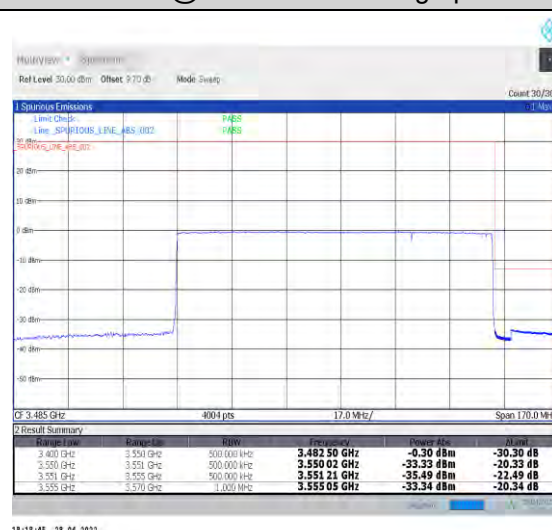
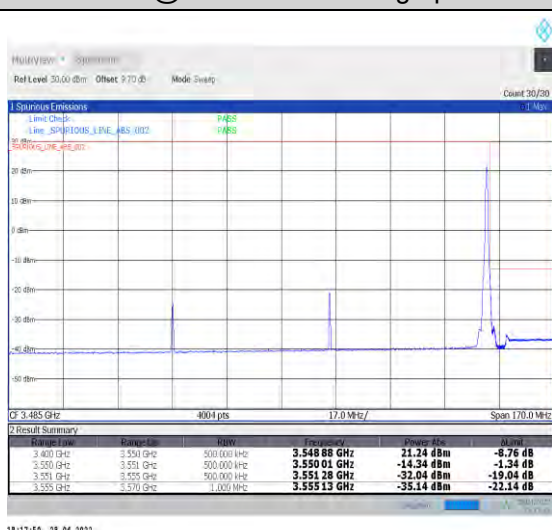
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1-N77-3450-3550--30-100-L-4-CP-QPSK-Edge_1RB_L
eft-1@0-Ant2-PASS-see graph

1-N77-3450-3550--30-100-L-6-CP-QPSK-Outer_F
ull-273@0-Ant2-PASS-see graph



1-N77-3450-3550--30-100-H-5-CP-QPSK-Edge_1RB_R
Right-1@272-Ant2-PASS-see graph

1-N77-3450-3550--30-100-H-6-CP-QPSK-Outer_F
ull-273@0-Ant2-PASS-see graph



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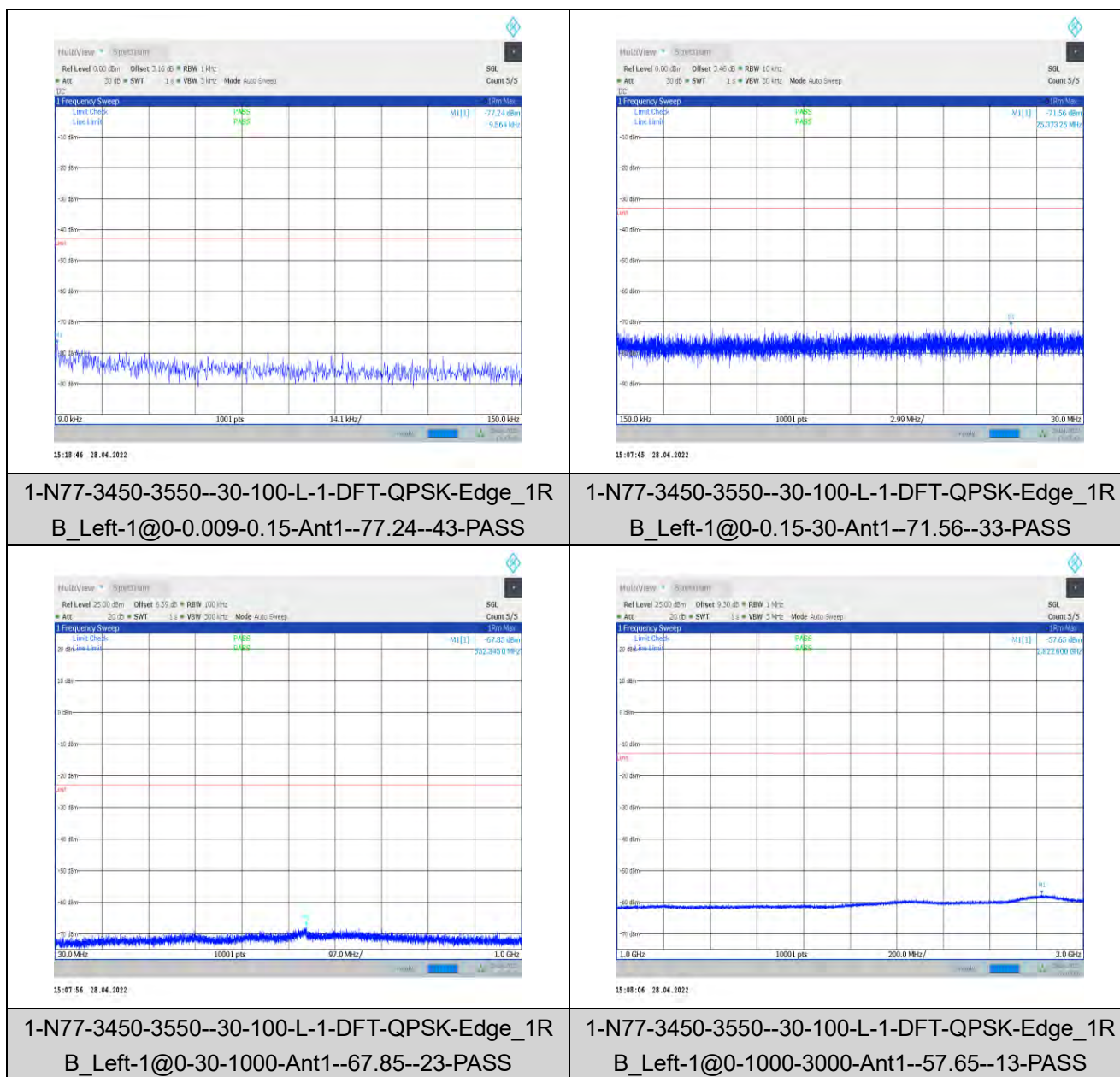
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Conducted Spurious Emission for MIMO ANT1

Test Graphs



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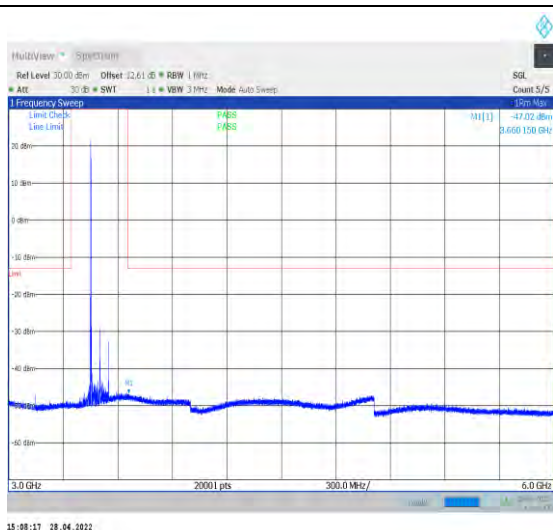
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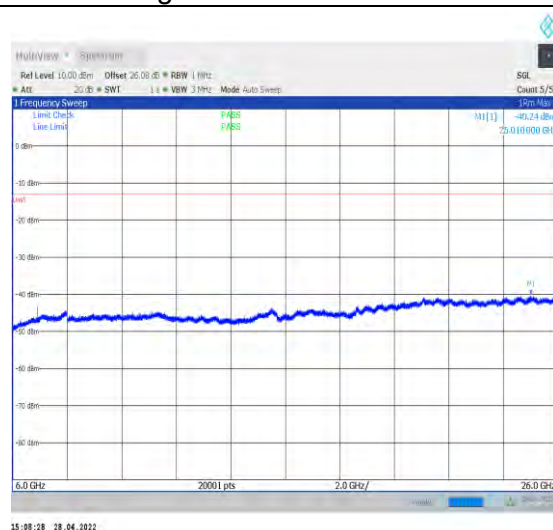
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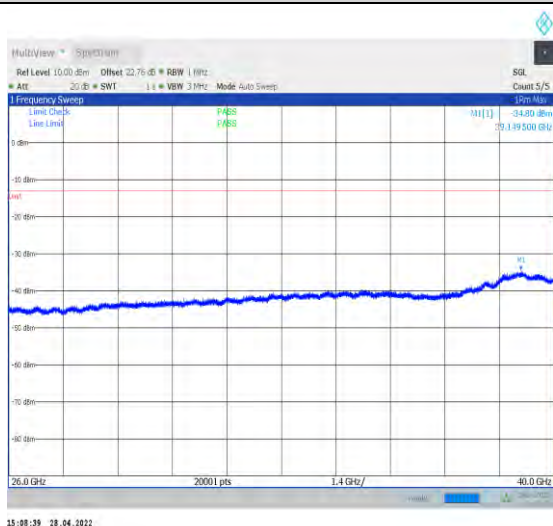
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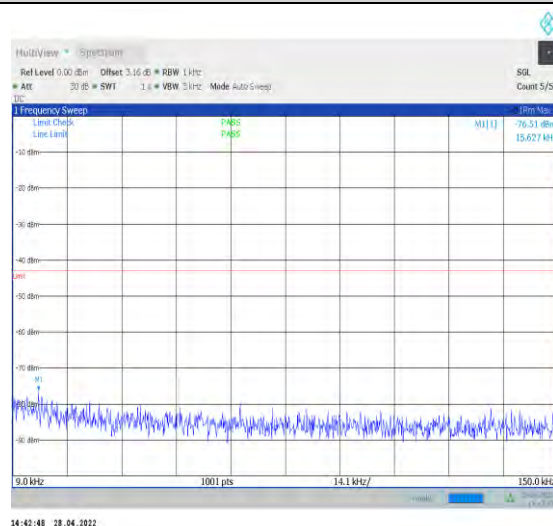
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B_Left-1@0-6000-26000-Ant1--40.24--13-PASS



1-N77-3450-3550--30-100-L-1-DFT-QPSK-Edge_1R
B_Left-1@0-26000-40000-Ant1--34.80--13-PASS



1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
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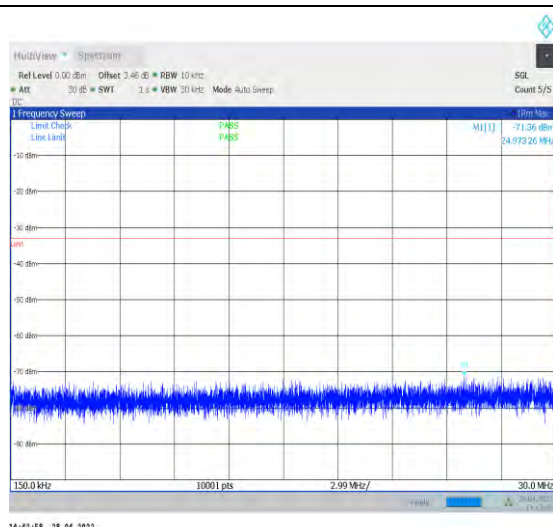
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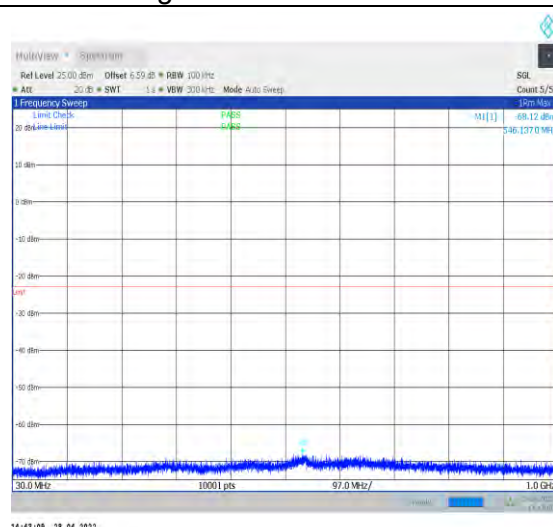
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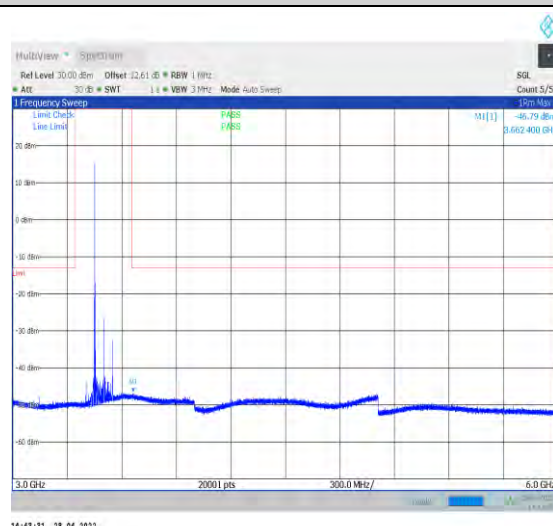
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1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
B_Left-1@0-30-1000-Ant1--68.12--23-PASS



1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
B_Left-1@0-1000-3000-Ant1--57.41--13-PASS



1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
B_Left-1@0-3000-6000-Ant1--46.79--13-PASS



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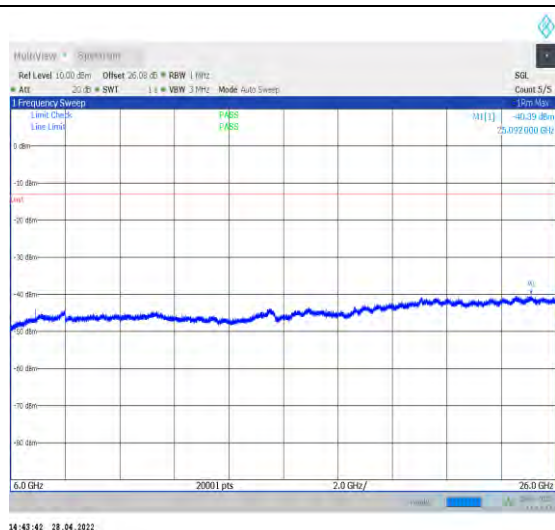
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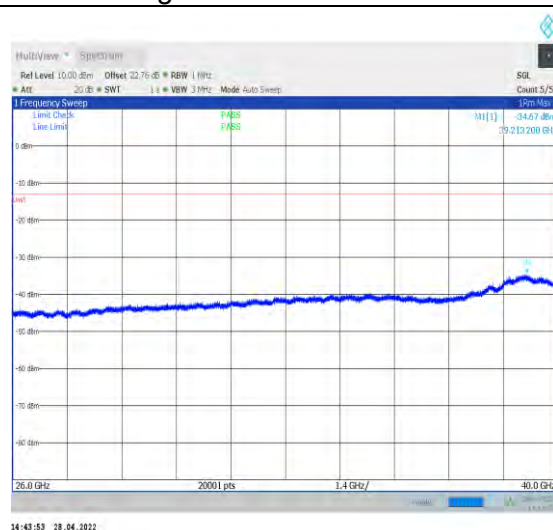
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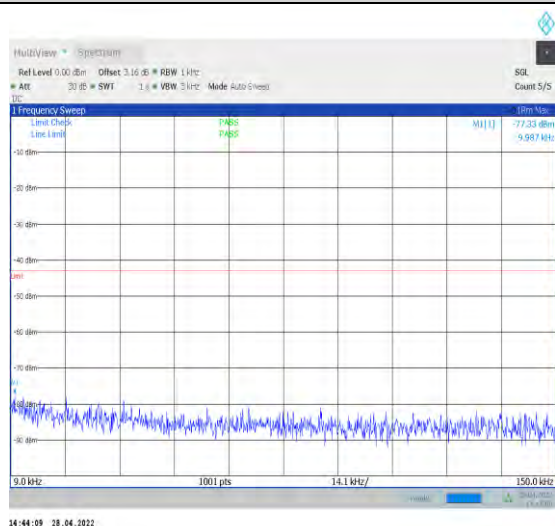
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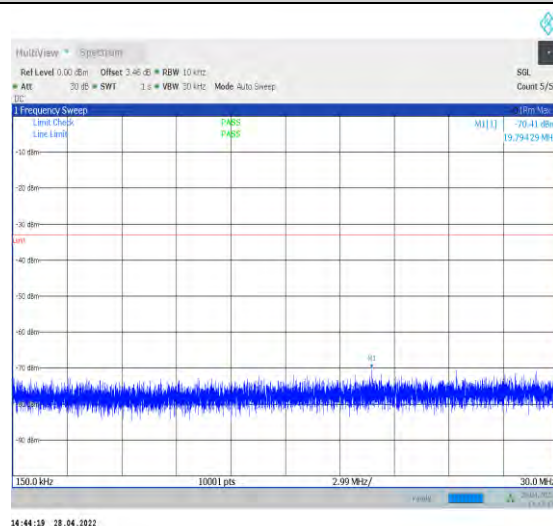
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1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.009-0.15-Ant1--77.33--43-PASS



1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.15-30-Ant1--70.41--33-PASS



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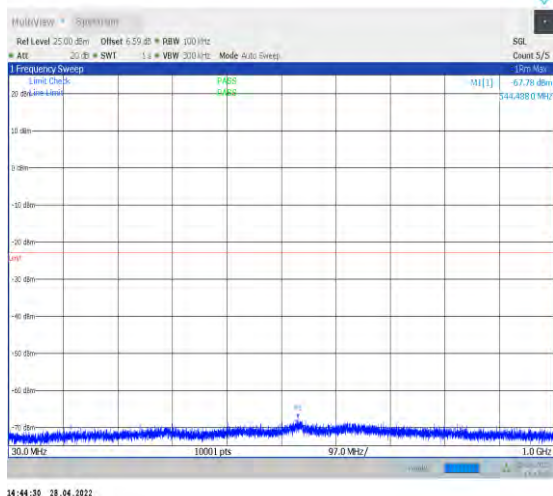
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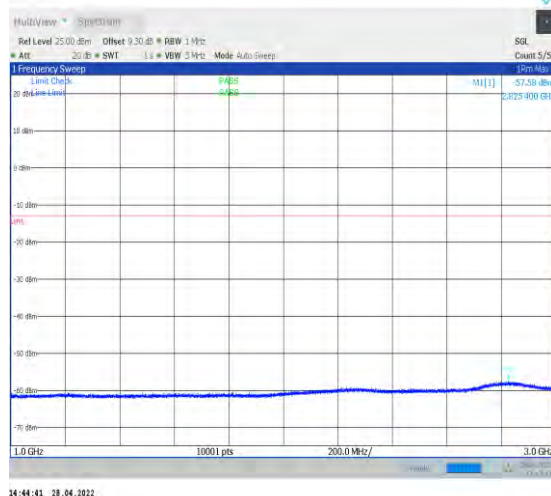
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Rev.: 01

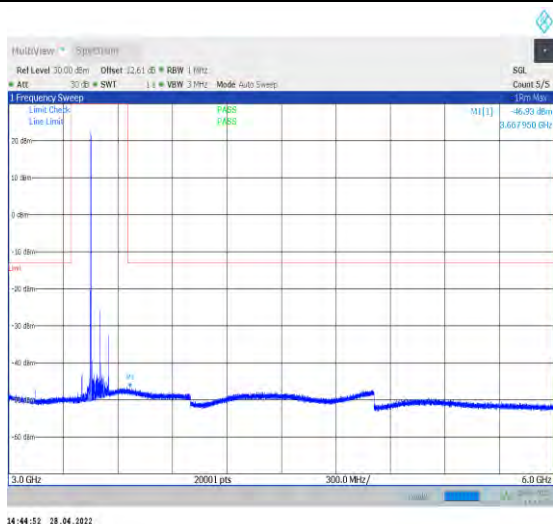
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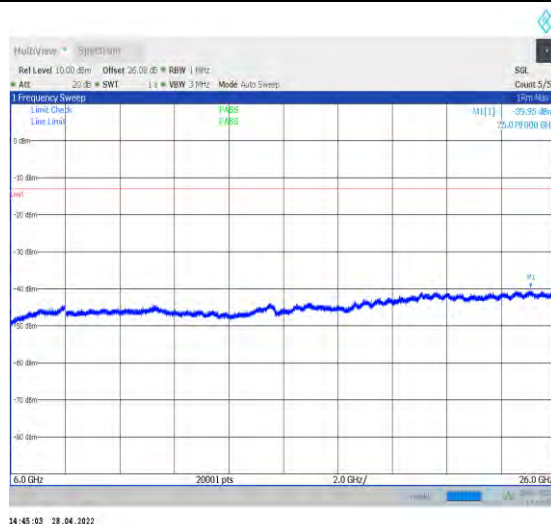
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1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-1000-3000-Ant1--57.58--13-PASS



1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-3000-6000-Ant1--46.93--13-PASS



1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-6000-26000-Ant1--39.95--13-PASS



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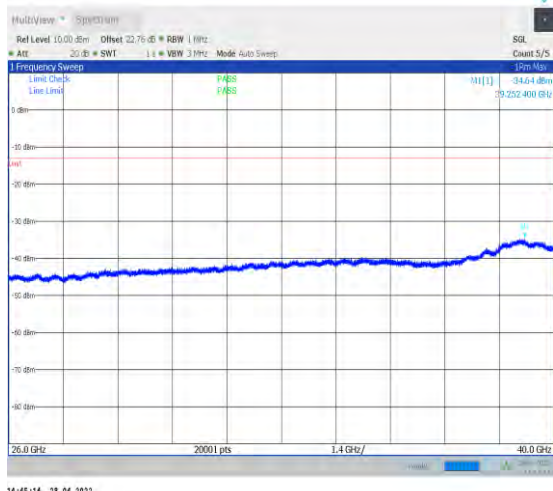
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1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-26000-40000-Ant1--34.64--13-PASS



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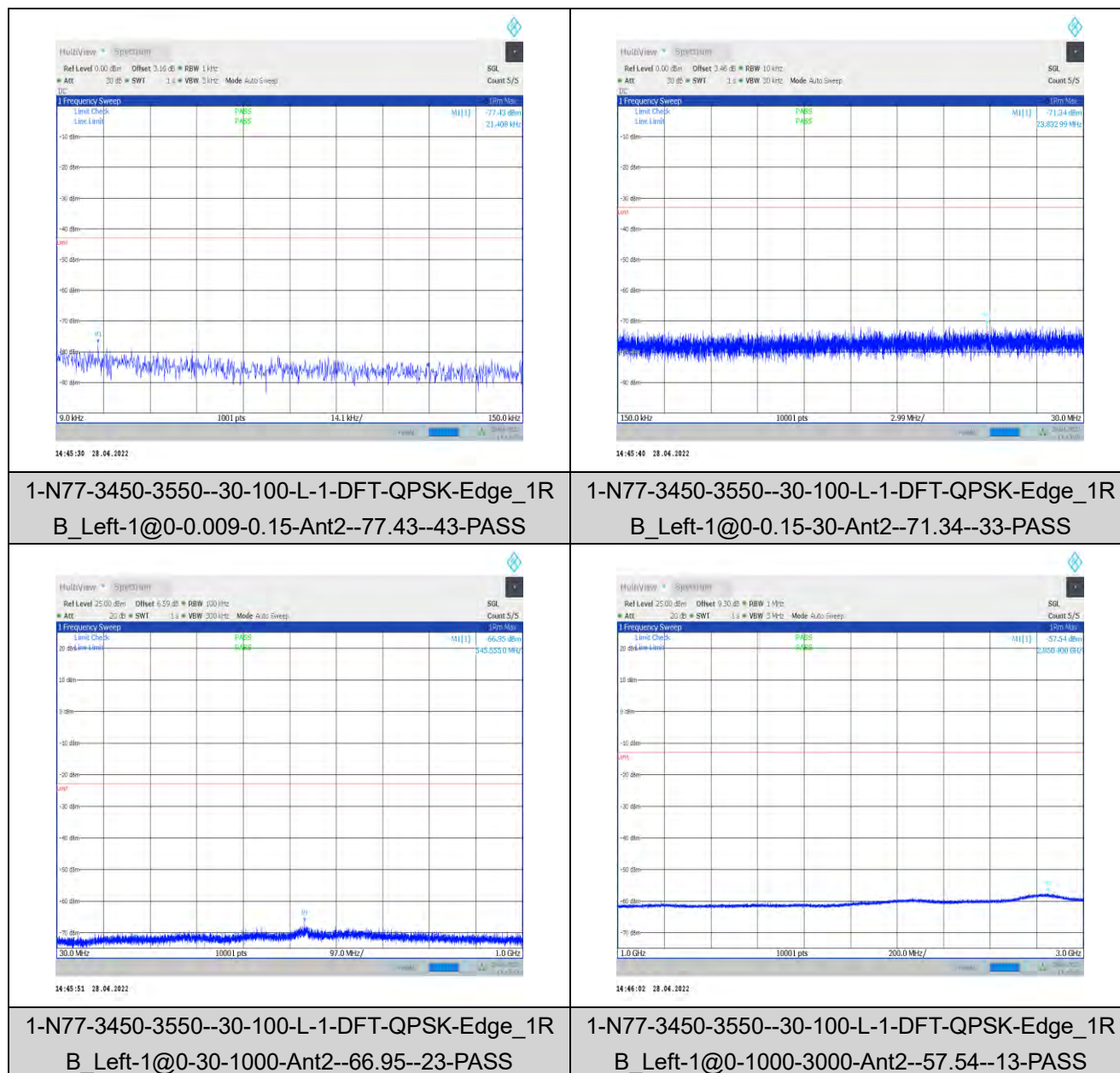
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Conducted Spurious Emission for MIMO ANT2

Test Graphs



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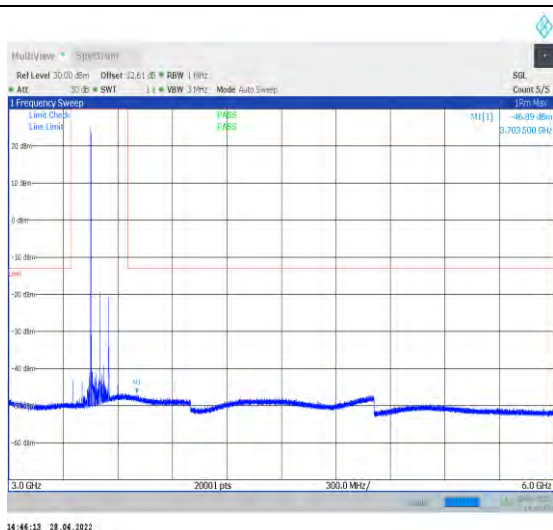
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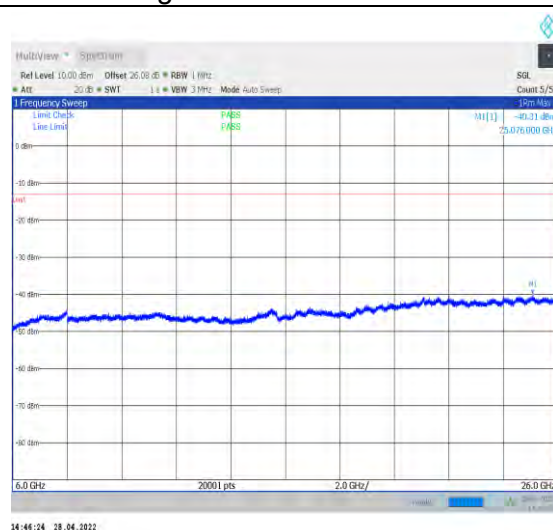
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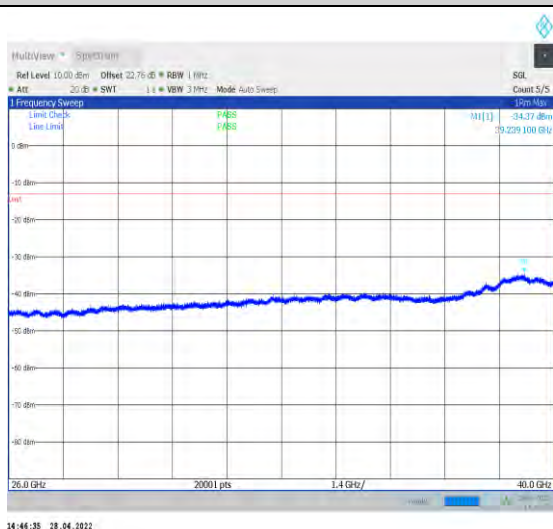
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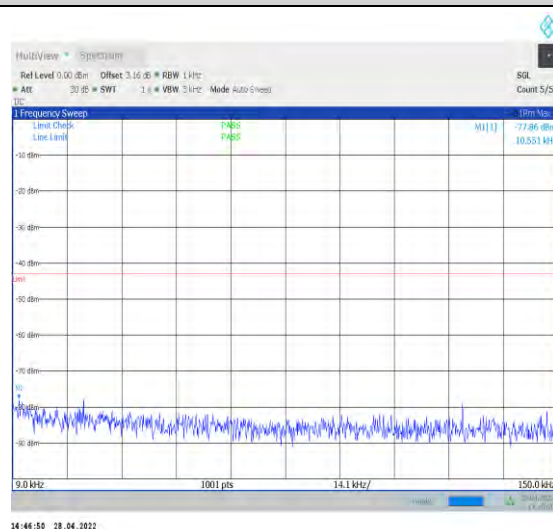
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1-N77-3450-3550--30-100-L-1-DFT-QPSK-Edge_1R
B_Left-1@0-6000-26000-Ant2--40.31--13-PASS



1-N77-3450-3550--30-100-L-1-DFT-QPSK-Edge_1R
B_Left-1@0-26000-40000-Ant2--34.37--13-PASS



1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.009-0.15-Ant2--77.86--43-PASS



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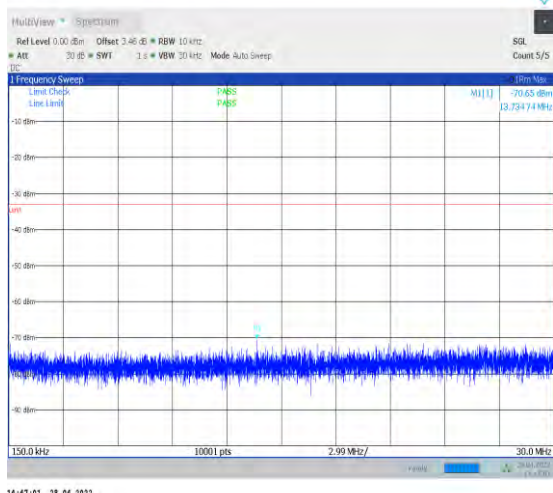
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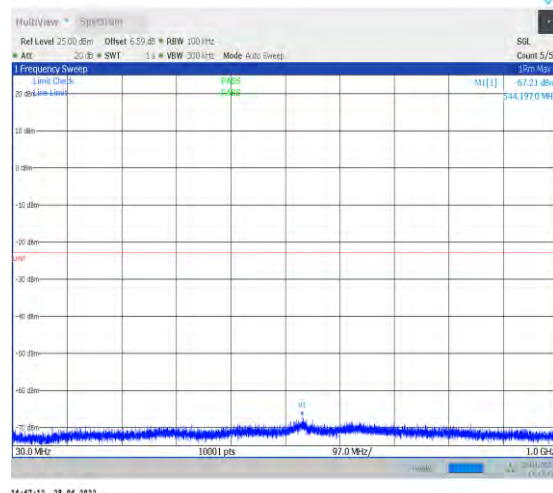
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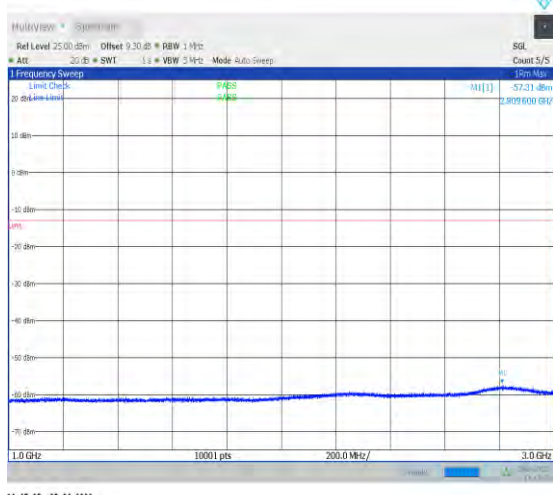
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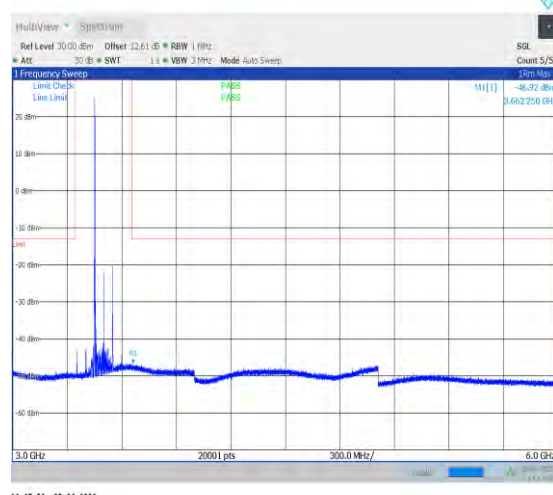
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1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
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1-N77-3450-3550--30-100-M-1-DFT-QPSK-Edge_1R
B_Left-1@0-3000-6000-Ant2--46.92--13-PASS



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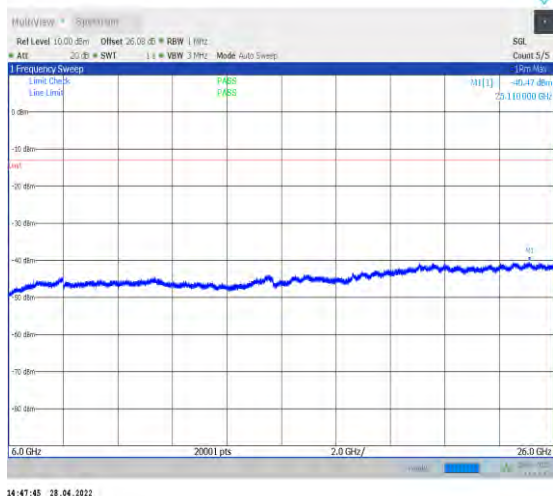
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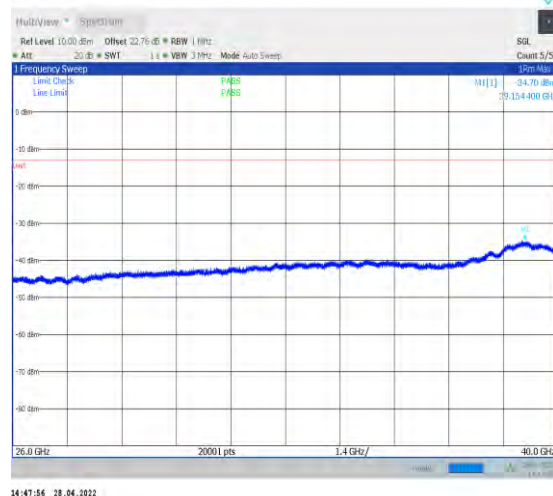
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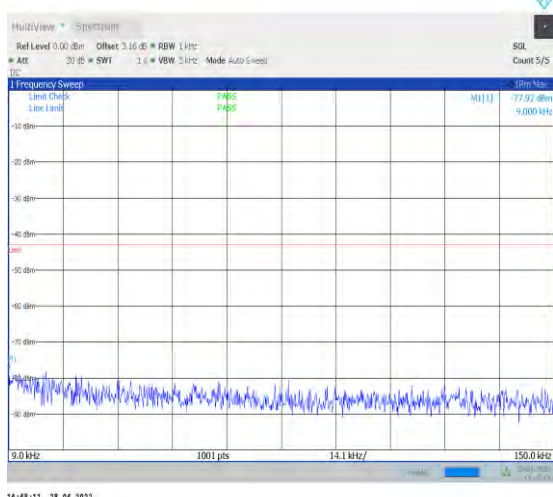
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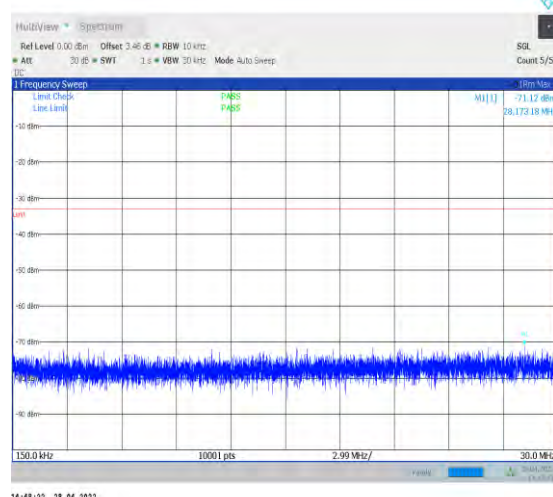
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1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.009-0.15-Ant2--77.92--43-PASS



1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-0.15-30-Ant2--71.12--33-PASS



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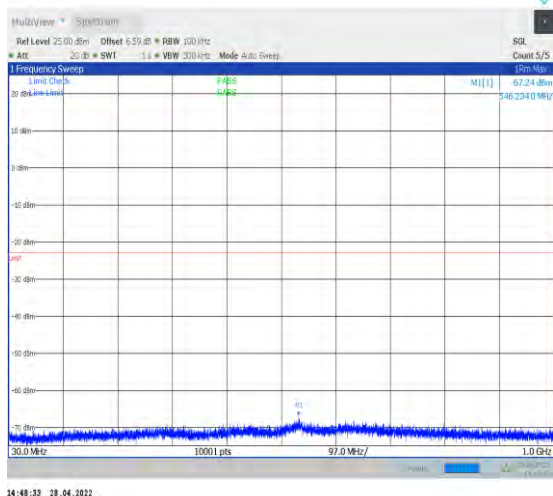
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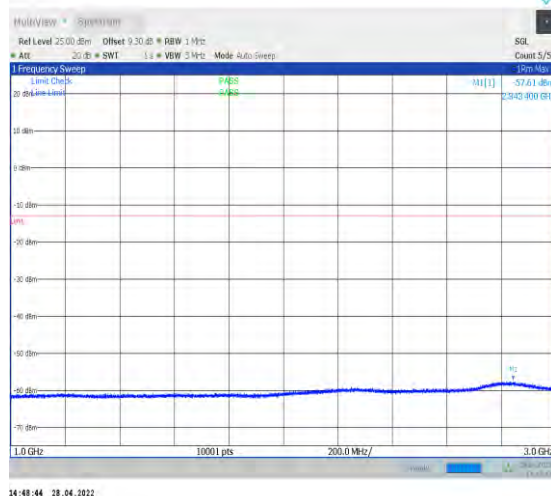
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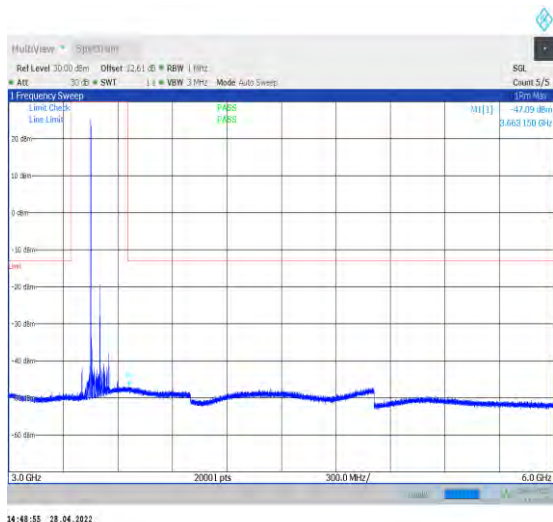
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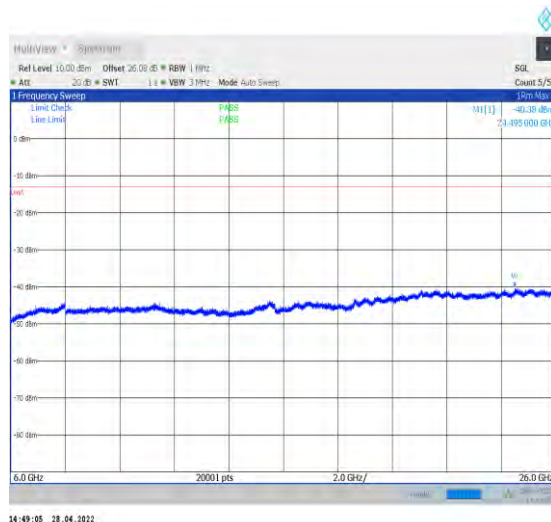
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1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-6000-26000-Ant2--40.38--13-PASS



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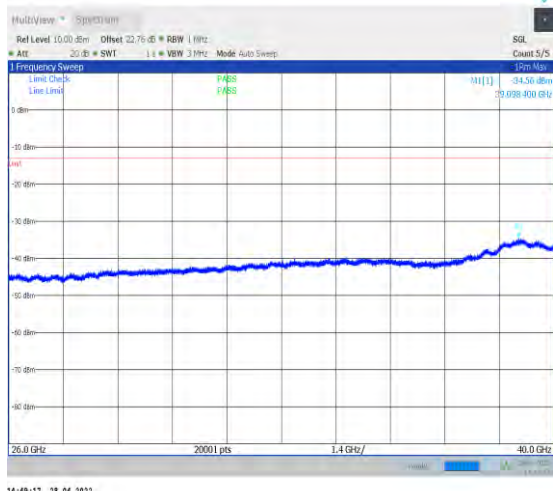
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1-N77-3450-3550--30-100-H-1-DFT-QPSK-Edge_1R
B_Left-1@0-26000-40000-Ant2--34.56--13-PASS



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Member of the SGS Group (SGS SA)

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Field Strength of Spurious Radiation

Test Band = SA n77UL MIMO 3450M-3550M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449	53.43	-105.55	-52.12	-13.00	39.12	152	3	Horizontal
2	6802.3333	77.76	-101.89	-24.13	-13.00	11.13	241	215	Horizontal
3	10361.8333	51.26	-93.01	-41.75	-13.00	28.75	162	25	Horizontal
4	13604	54.43	-89.73	-35.30	-13.00	22.30	274	215	Horizontal
5	17025.45	39.72	-88.48	-48.76	-13.00	33.34	175	160	Horizontal
6	17968.5	45.48	-84.06	-38.58	-13.00	25.58	266	38	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5842.1667	54.09	-104.56	-50.47	-13.00	37.47	263	360	Vertical
2	6944.6667	56.53	-101.44	-44.91	-13.00	31.91	241	302	Vertical
3	9149.6667	47.40	-95.14	-47.74	-13.00	34.74	176	276	Vertical
4	10252.1667	52.61	-93.21	-40.60	-13.00	27.60	284	350	Vertical
5	13604	47.19	-89.73	-42.54	-13.00	29.54	178	118	Vertical
6	17025.45	40.98	-88.48	-47.50	-13.00	34.50	266	170	Vertical



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Test Band = SA n77 UL MIMO 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6156	53.43	-103.10	-49.67	-13.00	36.67	124	349	Horizontal
2	6901.5	71.47	-101.40	-29.93	-13.00	16.93	172	39	Horizontal
3	10353.6667	55.05	-93.04	-37.99	-13.00	24.99	261	198	Horizontal
4	13804.6667	51.77	-90.48	-38.71	-13.00	25.71	148	236	Horizontal
5	17275.45	38.73	-87.38	-48.65	-13.00	35.65	264	118	Horizontal
6	17968.5	45.44	-84.06	-38.62	-13.00	25.62	186	198	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5853.8333	54.35	-104.53	-50.18	-13.00	37.18	152	314	Vertical
2	6901.5	73.53	-101.40	-27.87	-13.00	14.87	241	143	Vertical
3	10361.8333	54.72	-93.01	-38.29	-13.00	25.29	176	261	Vertical
4	13804.6667	51.74	-90.48	-38.74	-13.00	25.74	284	235	Vertical
5	17275.45	38.69	-87.38	-48.69	-13.00	35.69	186	64	Vertical
6	17903.1667	42.06	-84.23	-42.17	-13.00	29.17	266	235	Vertical



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Test Band = SA n77 UL MIMO 3450M-3550M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	61.36	-104.42	-43.06	-13.00	30.06	162	172	Horizontal
2	7001.8333	66.82	-101.49	-34.67	-13.00	21.67	241	12	Horizontal
3	9829.8333	57.93	-93.81	-35.88	-13.00	22.88	172	117	Horizontal
4	10503	57.57	-92.65	-35.08	-13.00	22.08	269	331	Horizontal
5	14020.36	41.90	-90.28	-48.38	-13.00	35.38	248	3	Horizontal
6	17694.3333	48.71	-84.98	-36.27	-13.00	23.27	178	252	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7001.8333	65.30	-101.49	-36.19	-13.00	23.19	152	318	Vertical
2	10503	54.38	-92.65	-38.27	-13.00	25.27	261	93	Vertical
3	11796.8333	54.54	-91.87	-37.33	-13.00	24.33	174	238	Vertical
4	14020.36	42.07	-90.28	-48.21	-13.00	35.21	186	159	Vertical
5	17525.45	39.11	-86.44	-47.33	-13.00	34.33	294	52	Vertical
6	17694.3333	43.26	-84.98	-41.72	-13.00	28.72	188	290	Vertical

The End



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