

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant2 (dBm)	Total Power (dBm)	Gain(dBi)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	20	CP-QPSK	L	Inner_1RB_Left	21.56	21.17	24.38	-0.64	23.74	30	PASS
n77(3450-3550)	30	20	CP-QPSK	L	Inner_1RB_Right	21.41	21.18	24.31	-0.64	23.67	30	PASS
n77(3450-3550)	30	20	CP-QPSK	L	Inner_Full	21.32	21.23	24.29	-0.64	23.65	30	PASS
n77(3450-3550)	30	20	CP-QPSK	L	Outer_Full	19.78	19.71	22.75	-0.64	22.11	30	PASS
n77(3450-3550)	30	20	CP-16QAM	L	Inner_1RB_Left	20.75	20.72	23.75	-0.64	23.11	30	PASS
n77(3450-3550)	30	20	CP-16QAM	L	Inner_1RB_Right	20.58	20.81	23.7	-0.64	23.06	30	PASS
n77(3450-3550)	30	20	CP-16QAM	L	Inner_Full	20.68	20.66	23.68	-0.64	23.04	30	PASS
n77(3450-3550)	30	20	CP-16QAM	L	Outer_Full	19.78	19.75	22.78	-0.64	22.14	30	PASS
n77(3450-3550)	30	20	CP-64QAM	L	Inner_1RB_Left	19.31	19.3	22.32	-0.64	21.68	30	PASS
n77(3450-3550)	30	20	CP-64QAM	L	Inner_1RB_Right	19.17	19.14	22.16	-0.64	21.52	30	PASS
n77(3450-3550)	30	20	CP-64QAM	L	Inner_Full	19.24	19.2	22.23	-0.64	21.59	30	PASS
n77(3450-3550)	30	20	CP-64QAM	L	Outer_Full	19.32	19.16	22.25	-0.64	21.61	30	PASS
n77(3450-3550)	30	20	CP-256QAM	L	Inner_1RB_Left	16.43	16.36	19.4	-0.64	18.76	30	PASS
n77(3450-3550)	30	20	CP-256QAM	L	Inner_1RB_Right	16.55	15.95	19.27	-0.64	18.63	30	PASS
n77(3450-3550)	30	20	CP-256QAM	L	Inner_Full	16.13	16.24	19.2	-0.64	18.56	30	PASS
n77(3450-3550)	30	20	CP-256QAM	L	Outer_Full	16.43	16.19	19.32	-0.64	18.68	30	PASS

n77(3450-3550)	30	20	CP-QPSK	M	Inner_1RB_Left	21.4	21.04	24.23	-0.64	23.59	30	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Inner_1RB_Right	21.21	20.84	24.04	-0.64	23.4	30	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Inner_Full	21.14	20.97	24.07	-0.64	23.43	30	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	19.65	19.48	22.57	-0.64	21.93	30	PASS
n77(3450-3550)	30	20	CP-16QAM	M	Inner_1RB_Left	20.61	20.93	23.78	-0.64	23.14	30	PASS
n77(3450-3550)	30	20	CP-16QAM	M	Inner_1RB_Right	20.51	20.23	23.38	-0.64	22.74	30	PASS
n77(3450-3550)	30	20	CP-16QAM	M	Inner_Full	20.63	20.44	23.55	-0.64	22.91	30	PASS
n77(3450-3550)	30	20	CP-16QAM	M	Outer_Full	19.76	19.47	22.63	-0.64	21.99	30	PASS
n77(3450-3550)	30	20	CP-64QAM	M	Inner_1RB_Left	19.05	19.29	22.18	-0.64	21.54	30	PASS
n77(3450-3550)	30	20	CP-64QAM	M	Inner_1RB_Right	18.97	19	21.99	-0.64	21.35	30	PASS
n77(3450-3550)	30	20	CP-64QAM	M	Inner_Full	19.12	18.91	22.02	-0.64	21.38	30	PASS
n77(3450-3550)	30	20	CP-64QAM	M	Outer_Full	19.11	19.01	22.07	-0.64	21.43	30	PASS
n77(3450-3550)	30	20	CP-256QAM	M	Inner_1RB_Left	16.46	16.09	19.29	-0.64	18.65	30	PASS
n77(3450-3550)	30	20	CP-256QAM	M	Inner_1RB_Right	16.23	15.75	19.01	-0.64	18.37	30	PASS
n77(3450-3550)	30	20	CP-256QAM	M	Inner_Full	16.16	16.03	19.11	-0.64	18.47	30	PASS
n77(3450-3550)	30	20	CP-256QAM	M	Outer_Full	16.19	16.04	19.13	-0.64	18.49	30	PASS
n77(3450-3550)	30	20	CP-QPSK	H	Inner_1RB_Left	21.53	21.09	24.33	-0.64	23.69	30	PASS
n77(3450-3550)	30	20	CP-QPSK	H	Inner_1RB_Right	21.33	20.76	24.07	-0.64	23.43	30	PASS
n77(3450-3550)	30	20	CP-QPSK	H	Inner_Full	21.25	20.92	24.1	-0.64	23.46	30	PASS
n77(3450-3550)	30	20	CP-QPSK	H	Outer_Full	19.71	19.4	22.57	-0.64	21.93	30	PASS
n77(3450-3550)	30	20	CP-16QAM	H	Inner_1RB_Left	20.83	20.49	23.68	-0.64	23.04	30	PASS

n77(3450-3550)	30	20	CP-16QAM	H	Inner_1RB_Right	20.5	20.34	23.43	-0.64	22.79	30	PASS
n77(3450-3550)	30	20	CP-16QAM	H	Inner_Full	20.61	20.38	23.51	-0.64	22.87	30	PASS
n77(3450-3550)	30	20	CP-16QAM	H	Outer_Full	19.81	19.45	22.64	-0.64	22	30	PASS
n77(3450-3550)	30	20	CP-64QAM	H	Inner_1RB_Left	19.1	19.11	22.11	-0.64	21.47	30	PASS
n77(3450-3550)	30	20	CP-64QAM	H	Inner_1RB_Right	19.18	18.99	22.1	-0.64	21.46	30	PASS
n77(3450-3550)	30	20	CP-64QAM	H	Inner_Full	19.22	18.94	22.09	-0.64	21.45	30	PASS
n77(3450-3550)	30	20	CP-64QAM	H	Outer_Full	19.11	18.9	22.02	-0.64	21.38	30	PASS
n77(3450-3550)	30	20	CP-256QAM	H	Inner_1RB_Left	16.28	15.89	19.1	-0.64	18.46	30	PASS
n77(3450-3550)	30	20	CP-256QAM	H	Inner_1RB_Right	16.14	15.87	19.02	-0.64	18.38	30	PASS
n77(3450-3550)	30	20	CP-256QAM	H	Inner_Full	16.07	16.04	19.06	-0.64	18.42	30	PASS
n77(3450-3550)	30	20	CP-256QAM	H	Outer_Full	16.42	16.02	19.23	-0.64	18.59	30	PASS
n77(3450-3550)	30	30	CP-QPSK	L	Inner_1RB_Left	21.43	21.2	24.33	-0.64	23.69	30	PASS
n77(3450-3550)	30	30	CP-QPSK	L	Inner_1RB_Right	21.24	21.16	24.21	-0.64	23.57	30	PASS
n77(3450-3550)	30	30	CP-QPSK	L	Inner_Full	21.14	21.04	24.1	-0.64	23.46	30	PASS
n77(3450-3550)	30	30	CP-QPSK	L	Outer_Full	19.67	19.55	22.62	-0.64	21.98	30	PASS
n77(3450-3550)	30	30	CP-16QAM	L	Inner_1RB_Left	20.54	20.89	23.73	-0.64	23.09	30	PASS
n77(3450-3550)	30	30	CP-16QAM	L	Inner_1RB_Right	20.59	20.51	23.56	-0.64	22.92	30	PASS
n77(3450-3550)	30	30	CP-16QAM	L	Inner_Full	20.64	20.6	23.63	-0.64	22.99	30	PASS
n77(3450-3550)	30	30	CP-16QAM	L	Outer_Full	19.76	19.64	22.71	-0.64	22.07	30	PASS
n77(3450-3550)	30	30	CP-64QAM	L	Inner_1RB_Left	19.27	19.35	22.32	-0.64	21.68	30	PASS
n77(3450-3550)	30	30	CP-64QAM	L	Inner_1RB_Right	19.1	19.14	22.13	-0.64	21.49	30	PASS

n77(3450-3550)	30	30	CP-64QAM	L	Inner_Full	19.13	19.05	22.1	-0.64	21.46	30	PASS
n77(3450-3550)	30	30	CP-64QAM	L	Outer_Full	19.1	19.01	22.07	-0.64	21.43	30	PASS
n77(3450-3550)	30	30	CP-256QAM	L	Inner_1RB_Left	16.44	16.28	19.37	-0.64	18.73	30	PASS
n77(3450-3550)	30	30	CP-256QAM	L	Inner_1RB_Right	16.29	15.93	19.12	-0.64	18.48	30	PASS
n77(3450-3550)	30	30	CP-256QAM	L	Inner_Full	16.15	16.04	19.11	-0.64	18.47	30	PASS
n77(3450-3550)	30	30	CP-256QAM	L	Outer_Full	16.21	16.08	19.16	-0.64	18.52	30	PASS
n77(3450-3550)	30	30	CP-QPSK	M	Inner_1RB_Left	21.34	21.25	24.31	-0.64	23.67	30	PASS
n77(3450-3550)	30	30	CP-QPSK	M	Inner_1RB_Right	21.14	21.04	24.1	-0.64	23.46	30	PASS
n77(3450-3550)	30	30	CP-QPSK	M	Inner_Full	21.22	20.86	24.06	-0.64	23.42	30	PASS
n77(3450-3550)	30	30	CP-QPSK	M	Outer_Full	19.67	19.48	22.59	-0.64	21.95	30	PASS
n77(3450-3550)	30	30	CP-16QAM	M	Inner_1RB_Left	20.54	20.65	23.61	-0.64	22.97	30	PASS
n77(3450-3550)	30	30	CP-16QAM	M	Inner_1RB_Right	20.53	20.41	23.48	-0.64	22.84	30	PASS
n77(3450-3550)	30	30	CP-16QAM	M	Inner_Full	20.64	20.53	23.6	-0.64	22.96	30	PASS
n77(3450-3550)	30	30	CP-16QAM	M	Outer_Full	19.65	19.46	22.56	-0.64	21.92	30	PASS
n77(3450-3550)	30	30	CP-64QAM	M	Inner_1RB_Left	19.14	19.31	22.24	-0.64	21.6	30	PASS
n77(3450-3550)	30	30	CP-64QAM	M	Inner_1RB_Right	18.96	19.01	22	-0.64	21.36	30	PASS
n77(3450-3550)	30	30	CP-64QAM	M	Inner_Full	19.08	18.84	21.97	-0.64	21.33	30	PASS
n77(3450-3550)	30	30	CP-64QAM	M	Outer_Full	19.11	18.92	22.03	-0.64	21.39	30	PASS
n77(3450-3550)	30	30	CP-256QAM	M	Inner_1RB_Left	16.16	16.25	19.22	-0.64	18.58	30	PASS
n77(3450-3550)	30	30	CP-256QAM	M	Inner_1RB_Right	16.14	15.98	19.07	-0.64	18.43	30	PASS
n77(3450-3550)	30	30	CP-256QAM	M	Inner_Full	16.19	15.88	19.05	-0.64	18.41	30	PASS

n77(3450-3550)	30	30	CP-256QAM	M	Outer_Full	16.09	15.97	19.04	-0.64	18.4	30	PASS
n77(3450-3550)	30	30	CP-QPSK	H	Inner_1RB_Left	21.25	20.92	24.1	-0.64	23.46	30	PASS
n77(3450-3550)	30	30	CP-QPSK	H	Inner_1RB_Right	21.13	21.16	24.16	-0.64	23.52	30	PASS
n77(3450-3550)	30	30	CP-QPSK	H	Inner_Full	21.1	21.02	24.07	-0.64	23.43	30	PASS
n77(3450-3550)	30	30	CP-QPSK	H	Outer_Full	19.7	19.49	22.61	-0.64	21.97	30	PASS
n77(3450-3550)	30	30	CP-16QAM	H	Inner_1RB_Left	20.54	20.52	23.54	-0.64	22.9	30	PASS
n77(3450-3550)	30	30	CP-16QAM	H	Inner_1RB_Right	20.61	20.52	23.58	-0.64	22.94	30	PASS
n77(3450-3550)	30	30	CP-16QAM	H	Inner_Full	20.61	20.51	23.57	-0.64	22.93	30	PASS
n77(3450-3550)	30	30	CP-16QAM	H	Outer_Full	19.74	19.57	22.67	-0.64	22.03	30	PASS
n77(3450-3550)	30	30	CP-64QAM	H	Inner_1RB_Left	19.19	18.88	22.05	-0.64	21.41	30	PASS
n77(3450-3550)	30	30	CP-64QAM	H	Inner_1RB_Right	18.96	19.14	22.06	-0.64	21.42	30	PASS
n77(3450-3550)	30	30	CP-64QAM	H	Inner_Full	19.17	19.02	22.1	-0.64	21.46	30	PASS
n77(3450-3550)	30	30	CP-64QAM	H	Outer_Full	19.18	19.01	22.1	-0.64	21.46	30	PASS
n77(3450-3550)	30	30	CP-256QAM	H	Inner_1RB_Left	16.16	16	19.09	-0.64	18.45	30	PASS
n77(3450-3550)	30	30	CP-256QAM	H	Inner_1RB_Right	16.09	15.94	19.03	-0.64	18.39	30	PASS
n77(3450-3550)	30	30	CP-256QAM	H	Inner_Full	16.32	16.09	19.22	-0.64	18.58	30	PASS
n77(3450-3550)	30	30	CP-256QAM	H	Outer_Full	16.19	16.09	19.15	-0.64	18.51	30	PASS
n77(3450-3550)	30	40	CP-QPSK	L	Inner_1RB_Left	21.49	21.2	24.36	-0.64	23.72	30	PASS
n77(3450-3550)	30	40	CP-QPSK	L	Inner_1RB_Right	21.6	21.22	24.42	-0.64	23.78	30	PASS
n77(3450-3550)	30	40	CP-QPSK	L	Inner_Full	21.23	21.13	24.19	-0.64	23.55	30	PASS
n77(3450-3550)	30	40	CP-QPSK	L	Outer_Full	19.64	19.58	22.62	-0.64	21.98	30	PASS

n77(3450-3550)	30	40	CP-16QAM	L	Inner_1RB_Left	20.54	20.83	23.7	-0.64	23.06	30	PASS
n77(3450-3550)	30	40	CP-16QAM	L	Inner_1RB_Right	20.65	20.79	23.73	-0.64	23.09	30	PASS
n77(3450-3550)	30	40	CP-16QAM	L	Inner_Full	20.75	20.65	23.71	-0.64	23.07	30	PASS
n77(3450-3550)	30	40	CP-16QAM	L	Outer_Full	19.64	19.66	22.66	-0.64	22.02	30	PASS
n77(3450-3550)	30	40	CP-64QAM	L	Inner_1RB_Left	19.42	19.22	22.33	-0.64	21.69	30	PASS
n77(3450-3550)	30	40	CP-64QAM	L	Inner_1RB_Right	19.26	19.11	22.2	-0.64	21.56	30	PASS
n77(3450-3550)	30	40	CP-64QAM	L	Inner_Full	19.2	19.1	22.16	-0.64	21.52	30	PASS
n77(3450-3550)	30	40	CP-64QAM	L	Outer_Full	19.1	19.15	22.14	-0.64	21.5	30	PASS
n77(3450-3550)	30	40	CP-256QAM	L	Inner_1RB_Left	16.45	16.29	19.38	-0.64	18.74	30	PASS
n77(3450-3550)	30	40	CP-256QAM	L	Inner_1RB_Right	16.48	16.14	19.33	-0.64	18.69	30	PASS
n77(3450-3550)	30	40	CP-256QAM	L	Inner_Full	16.18	16.05	19.13	-0.64	18.49	30	PASS
n77(3450-3550)	30	40	CP-256QAM	L	Outer_Full	16.2	16.23	19.23	-0.64	18.59	30	PASS
n77(3450-3550)	30	40	CP-QPSK	M	Inner_1RB_Left	21.29	21.1	24.21	-0.64	23.57	30	PASS
n77(3450-3550)	30	40	CP-QPSK	M	Inner_1RB_Right	21.4	20.96	24.2	-0.64	23.56	30	PASS
n77(3450-3550)	30	40	CP-QPSK	M	Inner_Full	21.23	20.95	24.1	-0.64	23.46	30	PASS
n77(3450-3550)	30	40	CP-QPSK	M	Outer_Full	19.69	19.5	22.6	-0.64	21.96	30	PASS
n77(3450-3550)	30	40	CP-16QAM	M	Inner_1RB_Left	20.6	20.61	23.62	-0.64	22.98	30	PASS
n77(3450-3550)	30	40	CP-16QAM	M	Inner_1RB_Right	20.51	20.71	23.62	-0.64	22.98	30	PASS
n77(3450-3550)	30	40	CP-16QAM	M	Inner_Full	20.62	20.48	23.56	-0.64	22.92	30	PASS
n77(3450-3550)	30	40	CP-16QAM	M	Outer_Full	19.6	19.48	22.55	-0.64	21.91	30	PASS
n77(3450-3550)	30	40	CP-64QAM	M	Inner_1RB_Left	19.12	19.31	22.23	-0.64	21.59	30	PASS

n77(3450-3550)	30	40	CP-64QAM	M	Inner_1RB_Right	19.17	19.2	22.19	-0.64	21.55	30	PASS
n77(3450-3550)	30	40	CP-64QAM	M	Inner_Full	19.1	18.93	22.02	-0.64	21.38	30	PASS
n77(3450-3550)	30	40	CP-64QAM	M	Outer_Full	19.13	18.96	22.05	-0.64	21.41	30	PASS
n77(3450-3550)	30	40	CP-256QAM	M	Inner_1RB_Left	16.28	15.97	19.14	-0.64	18.5	30	PASS
n77(3450-3550)	30	40	CP-256QAM	M	Inner_1RB_Right	16.44	16.05	19.26	-0.64	18.62	30	PASS
n77(3450-3550)	30	40	CP-256QAM	M	Inner_Full	16.27	15.99	19.14	-0.64	18.5	30	PASS
n77(3450-3550)	30	40	CP-256QAM	M	Outer_Full	16.16	16.03	19.11	-0.64	18.47	30	PASS
n77(3450-3550)	30	40	CP-QPSK	H	Inner_1RB_Left	21.18	20.82	24.01	-0.64	23.37	30	PASS
n77(3450-3550)	30	40	CP-QPSK	H	Inner_1RB_Right	21.41	21.02	24.23	-0.64	23.59	30	PASS
n77(3450-3550)	30	40	CP-QPSK	H	Inner_Full	21.31	21	24.17	-0.64	23.53	30	PASS
n77(3450-3550)	30	40	CP-QPSK	H	Outer_Full	19.77	19.53	22.67	-0.64	22.03	30	PASS
n77(3450-3550)	30	40	CP-16QAM	H	Inner_1RB_Left	20.52	20.54	23.54	-0.64	22.9	30	PASS
n77(3450-3550)	30	40	CP-16QAM	H	Inner_1RB_Right	20.63	20.82	23.74	-0.64	23.1	30	PASS
n77(3450-3550)	30	40	CP-16QAM	H	Inner_Full	20.61	20.53	23.58	-0.64	22.94	30	PASS
n77(3450-3550)	30	40	CP-16QAM	H	Outer_Full	19.66	19.46	22.57	-0.64	21.93	30	PASS
n77(3450-3550)	30	40	CP-64QAM	H	Inner_1RB_Left	19.11	18.66	21.9	-0.64	21.26	30	PASS
n77(3450-3550)	30	40	CP-64QAM	H	Inner_1RB_Right	19.07	19.08	22.08	-0.64	21.44	30	PASS
n77(3450-3550)	30	40	CP-64QAM	H	Inner_Full	19.13	19.04	22.1	-0.64	21.46	30	PASS
n77(3450-3550)	30	40	CP-64QAM	H	Outer_Full	19.08	18.97	22.04	-0.64	21.4	30	PASS
n77(3450-3550)	30	40	CP-256QAM	H	Inner_1RB_Left	16.16	15.71	18.95	-0.64	18.31	30	PASS
n77(3450-3550)	30	40	CP-256QAM	H	Inner_1RB_Right	16.15	16.27	19.22	-0.64	18.58	30	PASS

n77(3450-3550)	30	40	CP-256QAM	H	Inner_Full	16.24	15.99	19.13	-0.64	18.49	30	PASS
n77(3450-3550)	30	40	CP-256QAM	H	Outer_Full	16.16	16.04	19.11	-0.64	18.47	30	PASS
n77(3450-3550)	30	60	CP-QPSK	L	Inner_1RB_Left	21.17	21.01	24.1	-0.64	23.46	30	PASS
n77(3450-3550)	30	60	CP-QPSK	L	Inner_1RB_Right	20.93	20.82	23.88	-0.64	23.24	30	PASS
n77(3450-3550)	30	60	CP-QPSK	L	Inner_Full	21.04	20.87	23.96	-0.64	23.32	30	PASS
n77(3450-3550)	30	60	CP-QPSK	L	Outer_Full	19.55	19.43	22.5	-0.64	21.86	30	PASS
n77(3450-3550)	30	60	CP-16QAM	L	Inner_1RB_Left	20.64	20.54	23.6	-0.64	22.96	30	PASS
n77(3450-3550)	30	60	CP-16QAM	L	Inner_1RB_Right	20.3	20.13	23.22	-0.64	22.58	30	PASS
n77(3450-3550)	30	60	CP-16QAM	L	Inner_Full	20.55	20.5	23.53	-0.64	22.89	30	PASS
n77(3450-3550)	30	60	CP-16QAM	L	Outer_Full	19.63	19.38	22.52	-0.64	21.88	30	PASS
n77(3450-3550)	30	60	CP-64QAM	L	Inner_1RB_Left	19.06	18.91	22	-0.64	21.36	30	PASS
n77(3450-3550)	30	60	CP-64QAM	L	Inner_1RB_Right	18.99	18.63	21.83	-0.64	21.19	30	PASS
n77(3450-3550)	30	60	CP-64QAM	L	Inner_Full	19.04	18.97	22.01	-0.64	21.37	30	PASS
n77(3450-3550)	30	60	CP-64QAM	L	Outer_Full	19.11	18.88	22.01	-0.64	21.37	30	PASS
n77(3450-3550)	30	60	CP-256QAM	L	Inner_1RB_Left	16.21	15.85	19.05	-0.64	18.41	30	PASS
n77(3450-3550)	30	60	CP-256QAM	L	Inner_1RB_Right	16.02	15.68	18.86	-0.64	18.22	30	PASS
n77(3450-3550)	30	60	CP-256QAM	L	Inner_Full	16.13	16.01	19.08	-0.64	18.44	30	PASS
n77(3450-3550)	30	60	CP-256QAM	L	Outer_Full	16.05	15.9	18.98	-0.64	18.34	30	PASS
n77(3450-3550)	30	60	CP-QPSK	M	Inner_1RB_Left	21.01	20.97	24	-0.64	23.36	30	PASS
n77(3450-3550)	30	60	CP-QPSK	M	Inner_1RB_Right	20.99	20.96	23.99	-0.64	23.35	30	PASS
n77(3450-3550)	30	60	CP-QPSK	M	Inner_Full	21.03	20.78	23.92	-0.64	23.28	30	PASS

n77(3450-3550)	30	60	CP-QPSK	M	Outer_Full	19.5	19.3 3	22.4 2	-0.64	21.78	30	PASS
n77(3450-3550)	30	60	CP-16QAM	M	Inner_1RB_Left	20.1 9	20.3 7	23.2 9	-0.64	22.65	30	PASS
n77(3450-3550)	30	60	CP-16QAM	M	Inner_1RB_Right	20.4 5	20.3 7	23.4 2	-0.64	22.78	30	PASS
n77(3450-3550)	30	60	CP-16QAM	M	Inner_Full	20.5 8	20.3 3	23.4 7	-0.64	22.83	30	PASS
n77(3450-3550)	30	60	CP-16QAM	M	Outer_Full	19.5 5	19.3 3	22.4 3	-0.64	21.79	30	PASS
n77(3450-3550)	30	60	CP-64QAM	M	Inner_1RB_Left	18.7 7	18.9 4	21.8 7	-0.64	21.23	30	PASS
n77(3450-3550)	30	60	CP-64QAM	M	Inner_1RB_Right	19.0 4	18.7 1	21.8 9	-0.64	21.25	30	PASS
n77(3450-3550)	30	60	CP-64QAM	M	Inner_Full	19.0 1	18.8 1	21.9 2	-0.64	21.28	30	PASS
n77(3450-3550)	30	60	CP-64QAM	M	Outer_Full	19.0 7	18.8 6	21.9 8	-0.64	21.34	30	PASS
n77(3450-3550)	30	60	CP-256QAM	M	Inner_1RB_Left	16.0 1	15.7 4	18.8 9	-0.64	18.25	30	PASS
n77(3450-3550)	30	60	CP-256QAM	M	Inner_1RB_Right	16.1 1	16.2 6	19.1 6	-0.64	18.52	30	PASS
n77(3450-3550)	30	60	CP-256QAM	M	Inner_Full	16.1 9	15.8 9	19.0 1	-0.64	18.37	30	PASS
n77(3450-3550)	30	60	CP-256QAM	M	Outer_Full	16.0 1	15.8 7	18.9 5	-0.64	18.31	30	PASS
n77(3450-3550)	30	60	CP-QPSK	H	Inner_1RB_Left	21.0 6	20.8 8	23.9 8	-0.64	23.34	30	PASS
n77(3450-3550)	30	60	CP-QPSK	H	Inner_1RB_Right	20.9 2	20.8 1	23.8 8	-0.64	23.24	30	PASS
n77(3450-3550)	30	60	CP-QPSK	H	Inner_Full	21.0 5	20.9 9	23.9 9	-0.64	23.35	30	PASS
n77(3450-3550)	30	60	CP-QPSK	H	Outer_Full	19.5 5	19.3 6	22.4 7	-0.64	21.83	30	PASS
n77(3450-3550)	30	60	CP-16QAM	H	Inner_1RB_Left	20.1 3	20.5 7	23.3 7	-0.64	22.73	30	PASS
n77(3450-3550)	30	60	CP-16QAM	H	Inner_1RB_Right	20.4 9	20.1 6	23.3 4	-0.64	22.7	30	PASS
n77(3450-3550)	30	60	CP-16QAM	H	Inner_Full	20.5 9	20.4 1	23.5 1	-0.64	22.87	30	PASS
n77(3450-3550)	30	60	CP-16QAM	H	Outer_Full	19.6 3	19.2 2	22.4 4	-0.64	21.8	30	PASS

n77(3450-3550)	30	60	CP-64QAM	H	Inner_1RB_Left	18.98	18.69	21.85	-0.64	21.21	30	PASS
n77(3450-3550)	30	60	CP-64QAM	H	Inner_1RB_Right	18.71	18.8	21.77	-0.64	21.13	30	PASS
n77(3450-3550)	30	60	CP-64QAM	H	Inner_Full	19.01	18.79	21.91	-0.64	21.27	30	PASS
n77(3450-3550)	30	60	CP-64QAM	H	Outer_Full	18.95	18.81	21.89	-0.64	21.25	30	PASS
n77(3450-3550)	30	60	CP-256QAM	H	Inner_1RB_Left	16.07	15.65	18.87	-0.64	18.23	30	PASS
n77(3450-3550)	30	60	CP-256QAM	H	Inner_1RB_Right	16.02	15.65	18.85	-0.64	18.21	30	PASS
n77(3450-3550)	30	60	CP-256QAM	H	Inner_Full	15.98	15.76	18.88	-0.64	18.24	30	PASS
n77(3450-3550)	30	60	CP-256QAM	H	Outer_Full	15.94	15.88	18.92	-0.64	18.28	30	PASS
n77(3450-3550)	30	80	CP-QPSK	L	Inner_1RB_Left	21.03	20.72	23.89	-0.64	23.25	30	PASS
n77(3450-3550)	30	80	CP-QPSK	L	Inner_1RB_Right	21.12	20.65	23.9	-0.64	23.26	30	PASS
n77(3450-3550)	30	80	CP-QPSK	L	Inner_Full	20.82	20.81	23.82	-0.64	23.18	30	PASS
n77(3450-3550)	30	80	CP-QPSK	L	Outer_Full	19.32	19.29	22.32	-0.64	21.68	30	PASS
n77(3450-3550)	30	80	CP-16QAM	L	Inner_1RB_Left	20.04	20.58	23.33	-0.64	22.69	30	PASS
n77(3450-3550)	30	80	CP-16QAM	L	Inner_1RB_Right	20.18	20.38	23.29	-0.64	22.65	30	PASS
n77(3450-3550)	30	80	CP-16QAM	L	Inner_Full	20.39	20.23	23.32	-0.64	22.68	30	PASS
n77(3450-3550)	30	80	CP-16QAM	L	Outer_Full	19.28	19.19	22.25	-0.64	21.61	30	PASS
n77(3450-3550)	30	80	CP-64QAM	L	Inner_1RB_Left	18.71	18.94	21.84	-0.64	21.2	30	PASS
n77(3450-3550)	30	80	CP-64QAM	L	Inner_1RB_Right	18.78	18.91	21.85	-0.64	21.21	30	PASS
n77(3450-3550)	30	80	CP-64QAM	L	Inner_Full	18.8	18.66	21.74	-0.64	21.1	30	PASS
n77(3450-3550)	30	80	CP-64QAM	L	Outer_Full	18.9	18.7	21.81	-0.64	21.17	30	PASS
n77(3450-3550)	30	80	CP-256QAM	L	Inner_1RB_Left	16.11	15.74	18.94	-0.64	18.3	30	PASS

n77(3450-3550)	30	80	CP-256QAM	L	Inner_1RB_Right	16.04	15.55	18.81	-0.64	18.17	30	PASS
n77(3450-3550)	30	80	CP-256QAM	L	Inner_Full	15.82	15.78	18.81	-0.64	18.17	30	PASS
n77(3450-3550)	30	80	CP-256QAM	L	Outer_Full	15.85	15.76	18.82	-0.64	18.18	30	PASS
n77(3450-3550)	30	80	CP-QPSK	M	Inner_1RB_Left	20.89	20.71	23.81	-0.64	23.17	30	PASS
n77(3450-3550)	30	80	CP-QPSK	M	Inner_1RB_Right	21.18	20.61	23.92	-0.64	23.28	30	PASS
n77(3450-3550)	30	80	CP-QPSK	M	Inner_Full	20.81	20.67	23.75	-0.64	23.11	30	PASS
n77(3450-3550)	30	80	CP-QPSK	M	Outer_Full	19.29	19.12	22.22	-0.64	21.58	30	PASS
n77(3450-3550)	30	80	CP-16QAM	M	Inner_1RB_Left	20	20.46	23.24	-0.64	22.6	30	PASS
n77(3450-3550)	30	80	CP-16QAM	M	Inner_1RB_Right	20.03	20.34	23.2	-0.64	22.56	30	PASS
n77(3450-3550)	30	80	CP-16QAM	M	Inner_Full	20.27	20.18	23.23	-0.64	22.59	30	PASS
n77(3450-3550)	30	80	CP-16QAM	M	Outer_Full	19.24	19.2	22.23	-0.64	21.59	30	PASS
n77(3450-3550)	30	80	CP-64QAM	M	Inner_1RB_Left	18.76	18.76	21.77	-0.64	21.13	30	PASS
n77(3450-3550)	30	80	CP-64QAM	M	Inner_1RB_Right	18.64	18.69	21.67	-0.64	21.03	30	PASS
n77(3450-3550)	30	80	CP-64QAM	M	Inner_Full	18.95	18.71	21.84	-0.64	21.2	30	PASS
n77(3450-3550)	30	80	CP-64QAM	M	Outer_Full	18.78	18.7	21.75	-0.64	21.11	30	PASS
n77(3450-3550)	30	80	CP-256QAM	M	Inner_1RB_Left	15.77	15.83	18.81	-0.64	18.17	30	PASS
n77(3450-3550)	30	80	CP-256QAM	M	Inner_1RB_Right	15.75	15.56	18.67	-0.64	18.03	30	PASS
n77(3450-3550)	30	80	CP-256QAM	M	Inner_Full	15.77	15.61	18.7	-0.64	18.06	30	PASS
n77(3450-3550)	30	80	CP-256QAM	M	Outer_Full	15.83	15.67	18.76	-0.64	18.12	30	PASS
n77(3450-3550)	30	80	CP-QPSK	H	Inner_1RB_Left	20.8	20.56	23.69	-0.64	23.05	30	PASS
n77(3450-3550)	30	80	CP-QPSK	H	Inner_1RB_Right	20.82	20.57	23.71	-0.64	23.07	30	PASS

n77(3450-3550)	30	80	CP-QPSK	H	Inner_Full	20.74	20.58	23.67	-0.64	23.03	30	PASS
n77(3450-3550)	30	80	CP-QPSK	H	Outer_Full	19.28	19.15	22.23	-0.64	21.59	30	PASS
n77(3450-3550)	30	80	CP-16QAM	H	Inner_1RB_Left	19.9	20.54	23.24	-0.64	22.6	30	PASS
n77(3450-3550)	30	80	CP-16QAM	H	Inner_1RB_Right	20.11	20.05	23.09	-0.64	22.45	30	PASS
n77(3450-3550)	30	80	CP-16QAM	H	Inner_Full	20.33	20.16	23.26	-0.64	22.62	30	PASS
n77(3450-3550)	30	80	CP-16QAM	H	Outer_Full	19.26	19.14	22.21	-0.64	21.57	30	PASS
n77(3450-3550)	30	80	CP-64QAM	H	Inner_1RB_Left	18.64	18.73	21.7	-0.64	21.06	30	PASS
n77(3450-3550)	30	80	CP-64QAM	H	Inner_1RB_Right	18.6	18.65	21.63	-0.64	20.99	30	PASS
n77(3450-3550)	30	80	CP-64QAM	H	Inner_Full	18.75	18.63	21.7	-0.64	21.06	30	PASS
n77(3450-3550)	30	80	CP-64QAM	H	Outer_Full	18.78	18.66	21.73	-0.64	21.09	30	PASS
n77(3450-3550)	30	80	CP-256QAM	H	Inner_1RB_Left	15.82	15.78	18.81	-0.64	18.17	30	PASS
n77(3450-3550)	30	80	CP-256QAM	H	Inner_1RB_Right	15.8	15.7	18.76	-0.64	18.12	30	PASS
n77(3450-3550)	30	80	CP-256QAM	H	Inner_Full	15.83	15.59	18.73	-0.64	18.09	30	PASS
n77(3450-3550)	30	80	CP-256QAM	H	Outer_Full	15.87	15.66	18.78	-0.64	18.14	30	PASS
n77(3450-3550)	30	100	CP-QPSK	M	Inner_1RB_Left	20.93	20.75	23.85	-0.64	23.21	30	PASS
n77(3450-3550)	30	100	CP-QPSK	M	Inner_1RB_Right	20.96	20.72	23.86	-0.64	23.22	30	PASS
n77(3450-3550)	30	100	CP-QPSK	M	Inner_Full	20.72	20.64	23.69	-0.64	23.05	30	PASS
n77(3450-3550)	30	100	CP-QPSK	M	Outer_Full	19.27	19.13	22.21	-0.64	21.57	30	PASS
n77(3450-3550)	30	100	CP-16QAM	M	Inner_1RB_Left	20.12	20.24	23.19	-0.64	22.55	30	PASS
n77(3450-3550)	30	100	CP-16QAM	M	Inner_1RB_Right	20.15	20.23	23.2	-0.64	22.56	30	PASS
n77(3450-3550)	30	100	CP-16QAM	M	Inner_Full	20.2	20.23	23.23	-0.64	22.59	30	PASS

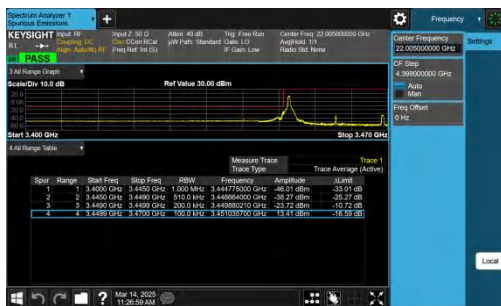
n77(3450-3550)	30	100	CP-16QAM	M	Outer_Full	19.29	19.2	22.25	-0.64	21.61	30	PASS
n77(3450-3550)	30	100	CP-64QAM	M	Inner_1RB_Left	18.65	18.98	21.83	-0.64	21.19	30	PASS
n77(3450-3550)	30	100	CP-64QAM	M	Inner_1RB_Right	18.61	18.64	21.63	-0.64	20.99	30	PASS
n77(3450-3550)	30	100	CP-64QAM	M	Inner_Full	18.77	18.66	21.72	-0.64	21.08	30	PASS
n77(3450-3550)	30	100	CP-64QAM	M	Outer_Full	18.74	18.68	21.72	-0.64	21.08	30	PASS
n77(3450-3550)	30	100	CP-256QAM	M	Inner_1RB_Left	15.81	15.85	18.84	-0.64	18.2	30	PASS
n77(3450-3550)	30	100	CP-256QAM	M	Inner_1RB_Right	15.74	15.64	18.7	-0.64	18.06	30	PASS
n77(3450-3550)	30	100	CP-256QAM	M	Inner_Full	15.78	15.69	18.74	-0.64	18.1	30	PASS
n77(3450-3550)	30	100	CP-256QAM	M	Outer_Full	15.76	15.75	18.76	-0.64	18.12	30	PASS

Band Edge for MIMO ANT1

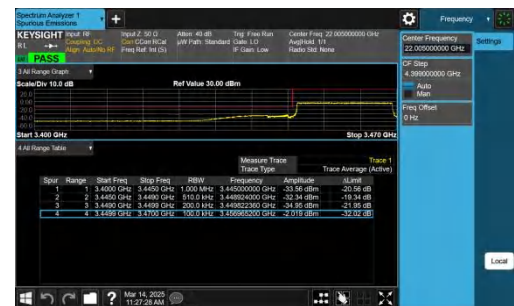
Test Graphs

Note: For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth.

For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add $10 \cdot \log(N_{\text{ANT}})$ according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.



NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Edge_1RB_Left-P
ASS



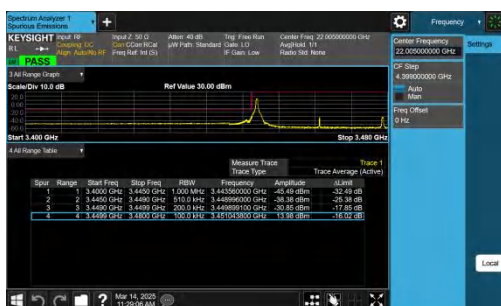
NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Outer_Full-PASS



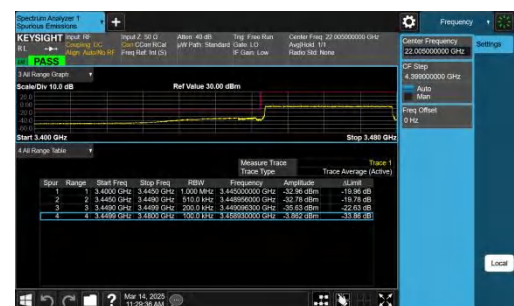
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Edge_1RB_Right
-PASS



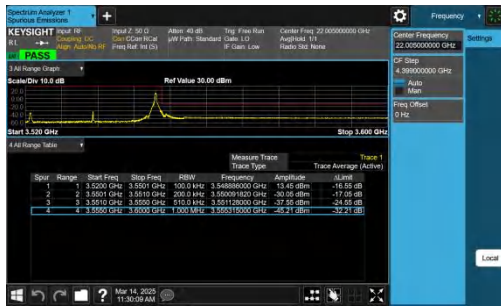
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Outer_Full-PASS



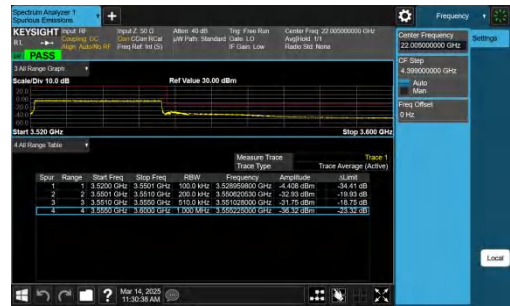
NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Edge_1RB_Left-P
ASS



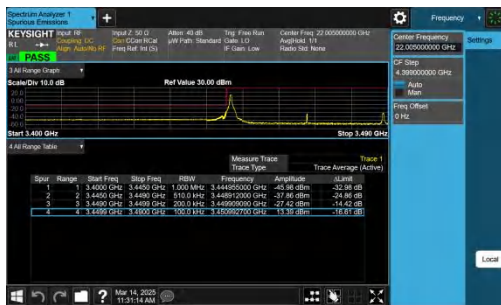
NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Outer_Full-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Edge_1RB_Right -PASS



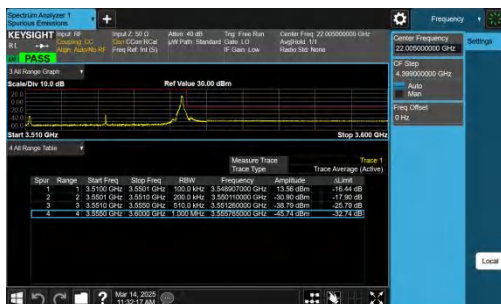
NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Outer_Full-PASS



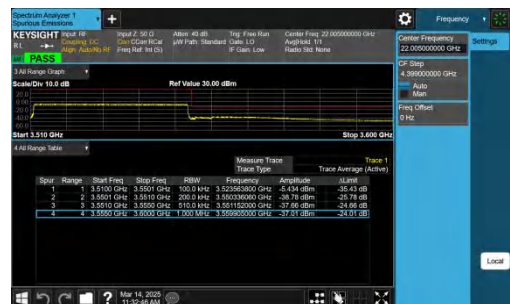
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Edge_1RB_Left-P ASS



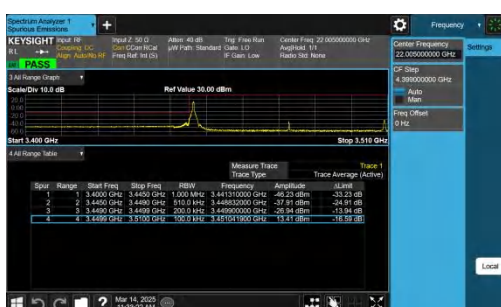
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Outer_Full-PASS



NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Edge_1RB_Right -PASS



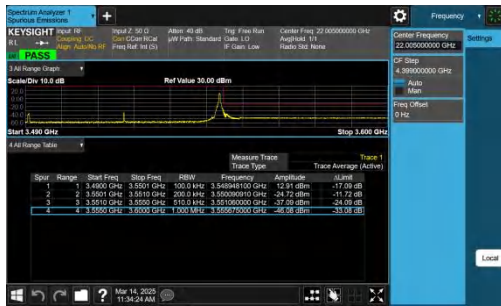
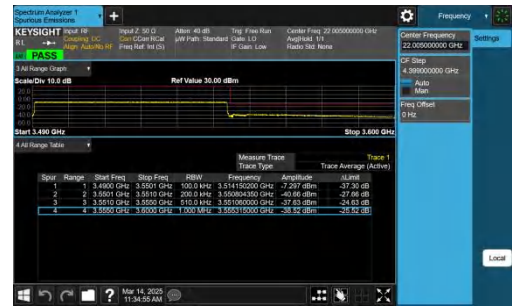
NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Outer_Full-PASS



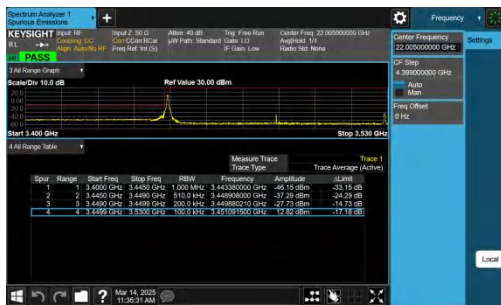
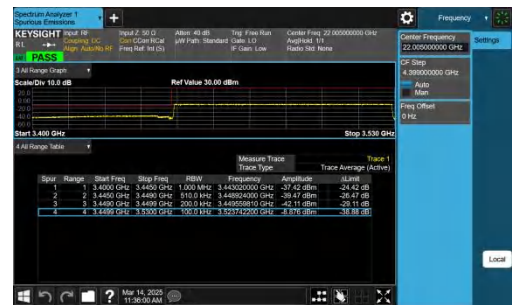
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-P ASS



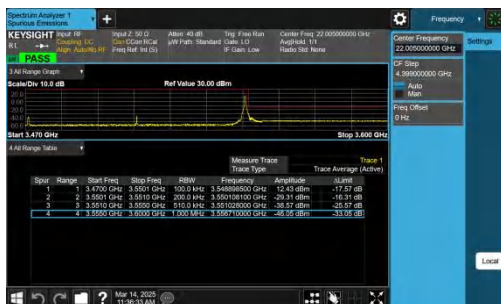
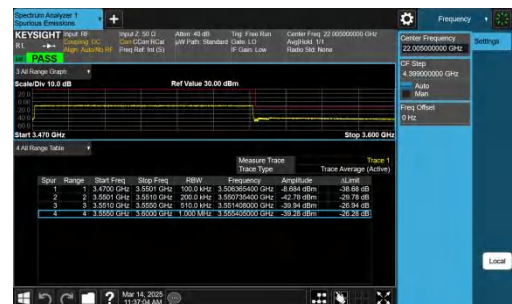
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Outer_Full-PASS


NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Edge_1RB_Right
-PASS


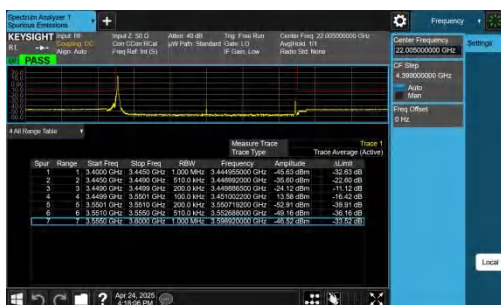
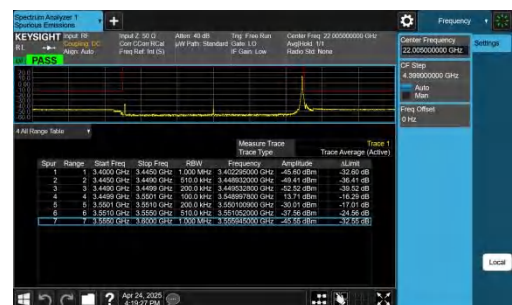
NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Outer_Full-PASS

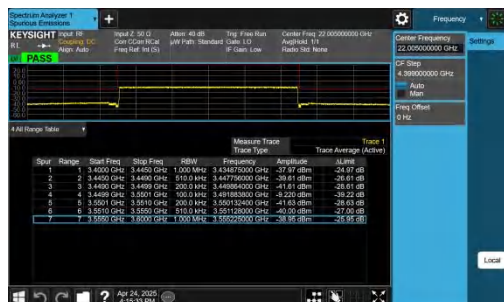

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Edge_1RB_Left-P
ASS


NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Outer_Full-PASS


NTNV-n77(3450-3550)-PC2-30-80-H-CP-QPSK-Edge_1RB_Right
-PASS


NTNV-n77(3450-3550)-PC2-30-80-H-CP-QPSK-Outer_Full-PASS


NTNV-n77(3450-3550)-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-
PASS

NTNV-n77(3450-3550)-PC2-30-100-L-CP-QPSK-Edge_1RB_Right
-PASS



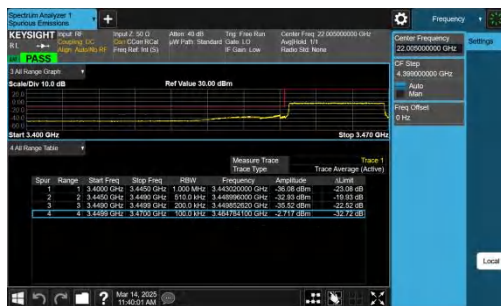
NTNV-n77(3450-3550)-PC2-30-100-L-CP-QPSK-Outer_Full-PASS

Band Edge for MIMO ANT2

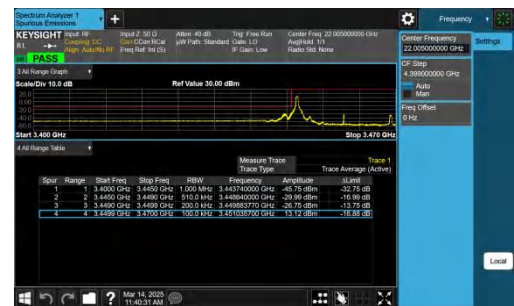
Test Graphs

Note: For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth.

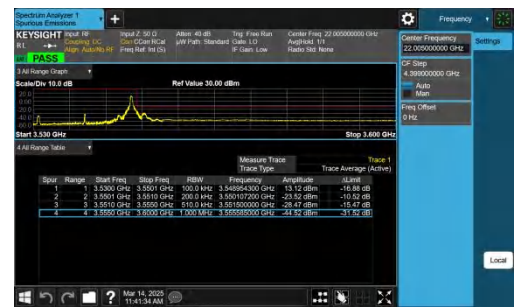
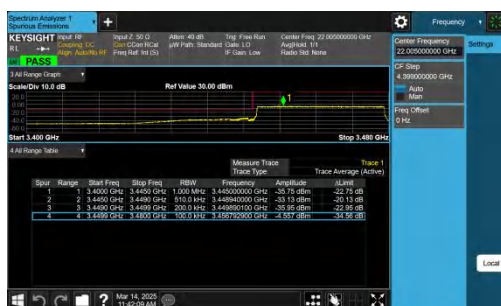
For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add $10 \cdot \log(\text{NANT})$ according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.



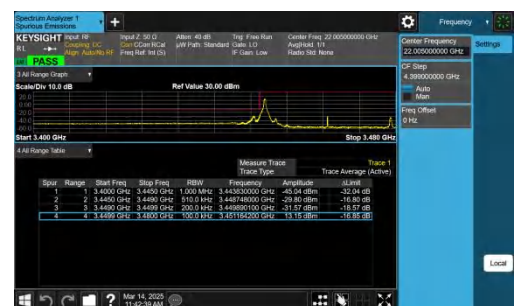
NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Outer_Full-PASS

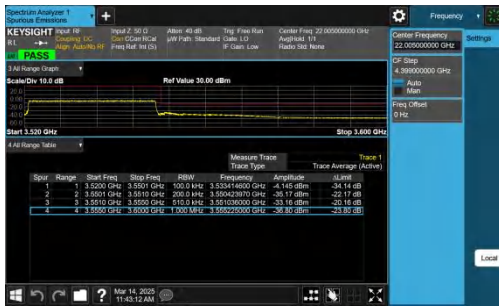

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Edge_1RB_Left-PA
SS


NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Outer_Full-PASS

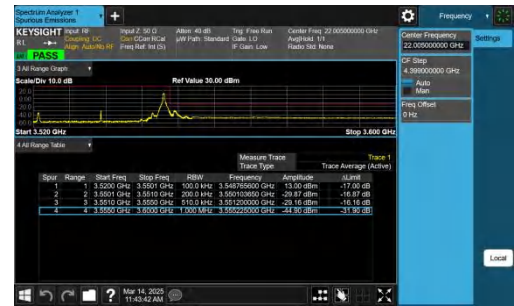

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Edge_1RB_Right-
PASS


NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Outer_Full-PASS


NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Edge_1RB_Left-PA
SS



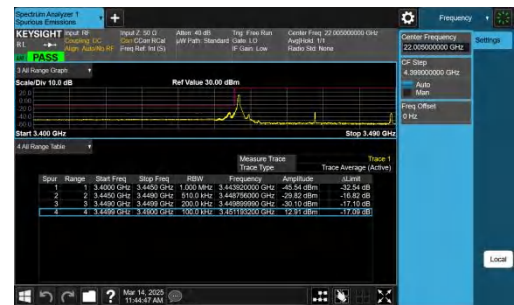
NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Outer_Full-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Edge_1RB_Right-PASS



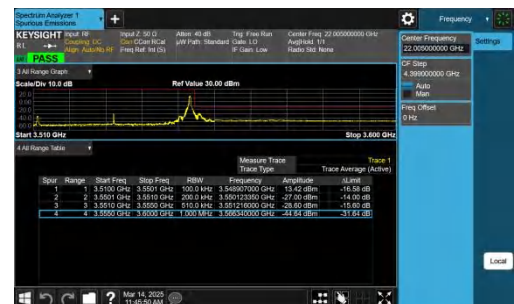
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Outer_Full-PASS



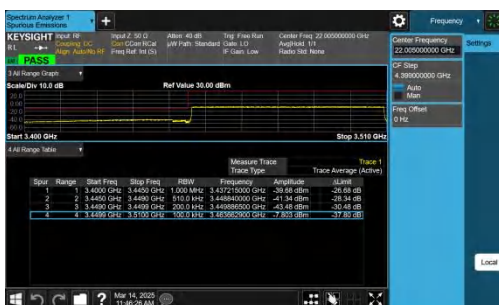
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Edge_1RB_Left-PA SS



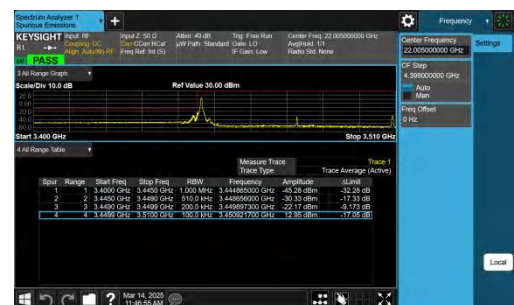
NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Outer_Full-PASS



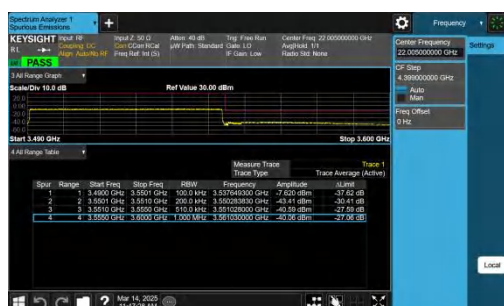
NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Edge_1RB_Right-PASS



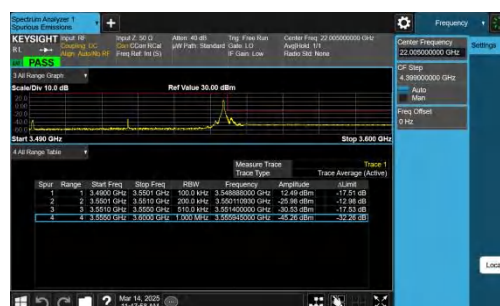
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Outer_Full-PASS



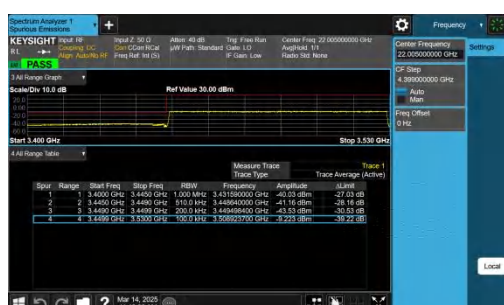
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-PA SS



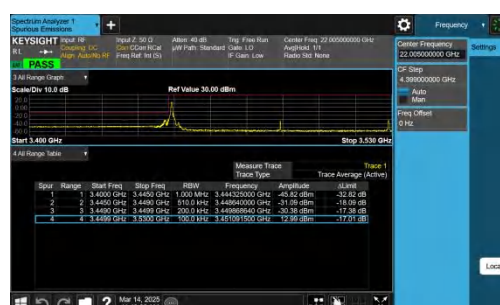
NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Outer Full-PASS



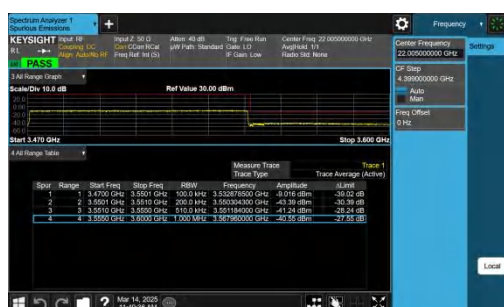
NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Edge_1RB_Right-
PASS



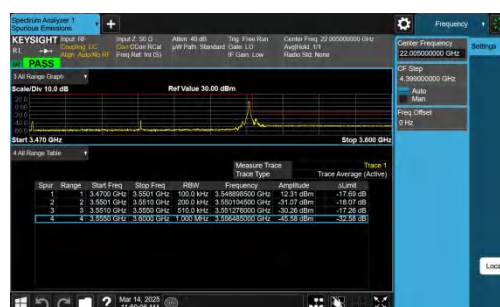
NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Outer Full-PASS



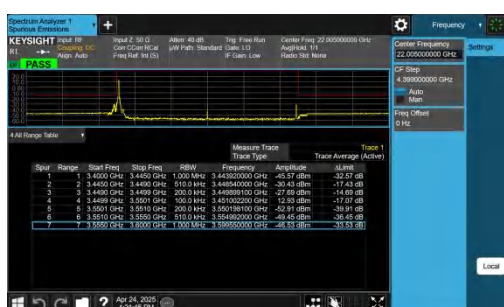
NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Edge_1RB_Left-PA
SS



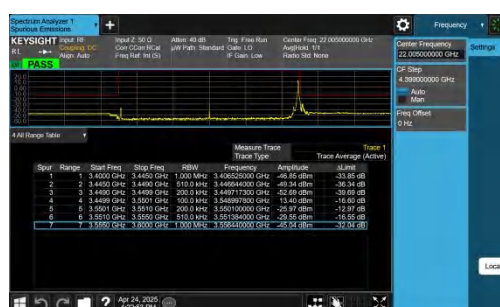
NTNV-n77(3450-3550)-PC2-30-80-H-CP-QPSK-Outer Full-PASS



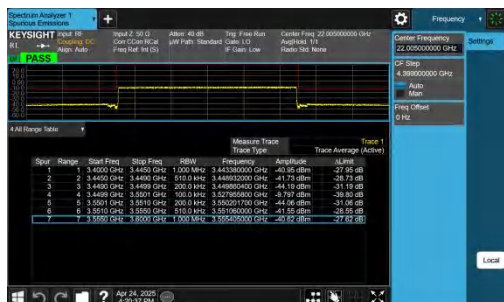
NTNV-n77(3450-3550)-PC2-30-80-H-CP-QPSK-Edge_1RB_Right-
PASS



NTNV-n77(3450-3550)-PC2-30-100-L-CP-QPSK-Edge_1RB_Left-
PASS



NTNV-n77(3450-3550)-PC2-30-100-L-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n77(3450-3550)-PC2-30-100-L-CP-QPSK-Outer_Full-PAS

S

Conducted Spurious Emission for MIMO ANT1

Test Graphs

Note: For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add $10 \cdot \log(N_{\text{ANT}})$ according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.



NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-3000-1000-PASS



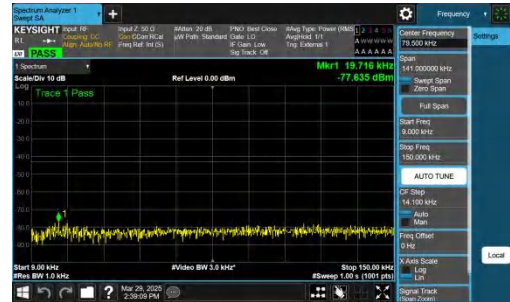
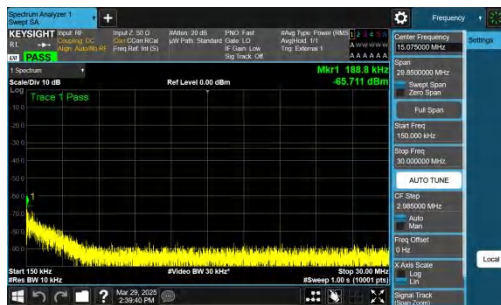
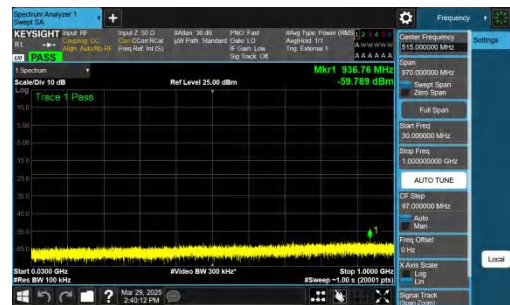
NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-6000-20000-PASS

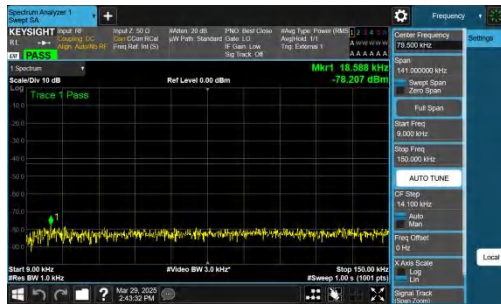

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-
0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-
1000-3000-PASS

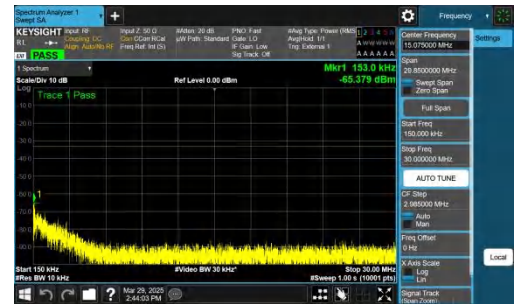
NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-
6000-20000-PASS

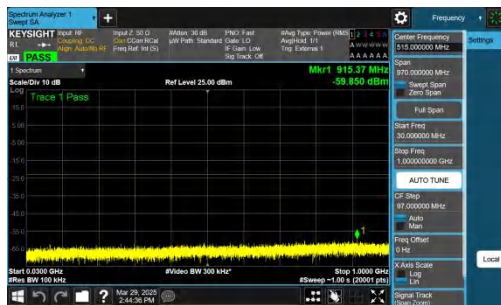
NTNV-n77(3450-3550)-PC2-30-20-L-CP-QPSK-Inner_1RB_Right-2
0000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



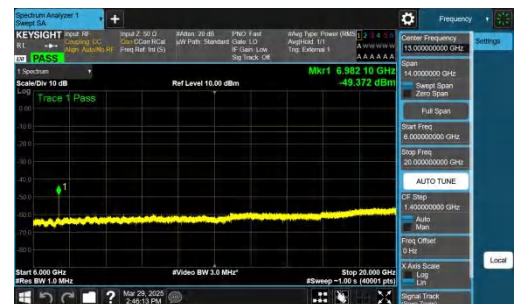
NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



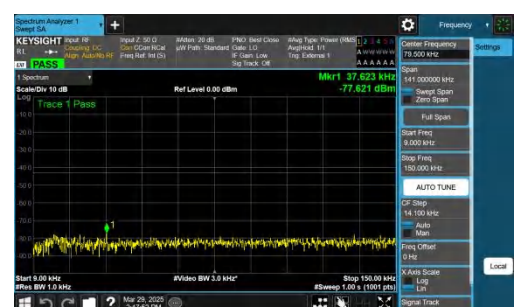
NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



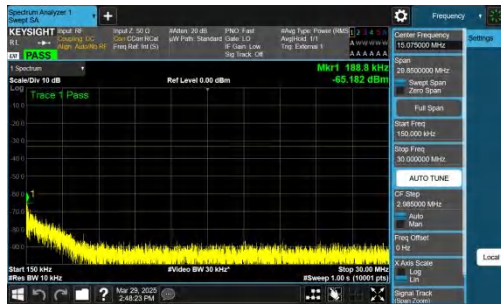
NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Left-20000-40000-PASS

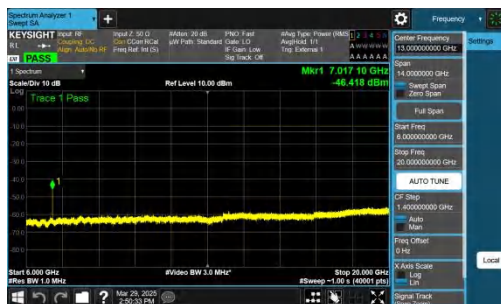
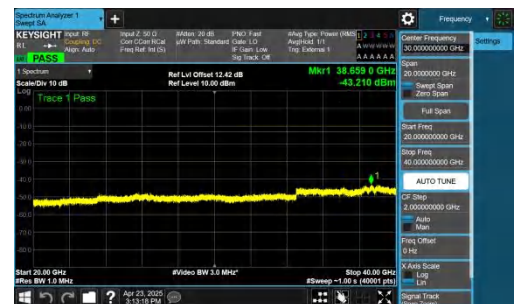


NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS


NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right
-0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right-
30-1000-PASS

NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS

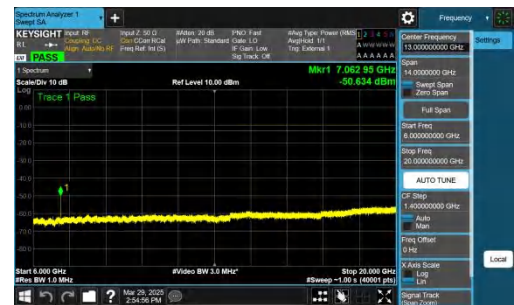
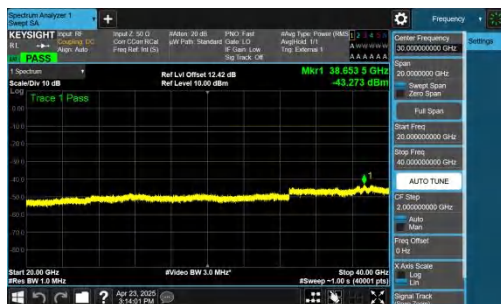
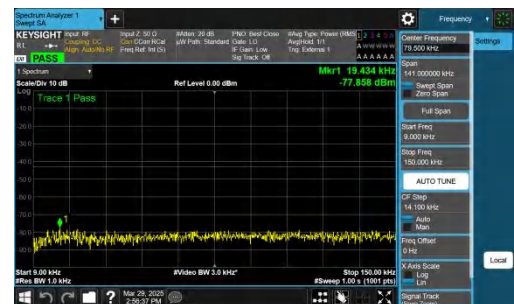
NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-20-M-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS

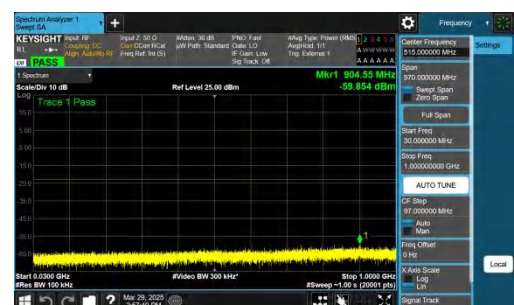
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS


NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-1
000-3000-PASS

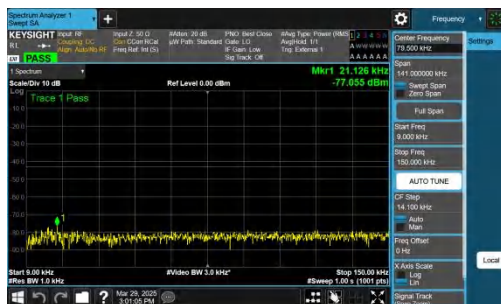
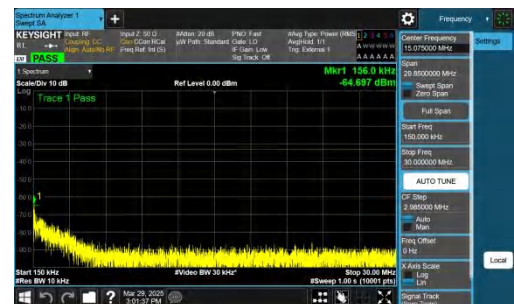
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-6
000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right-
0.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right
-0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right-
30-1000-PASS


NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS

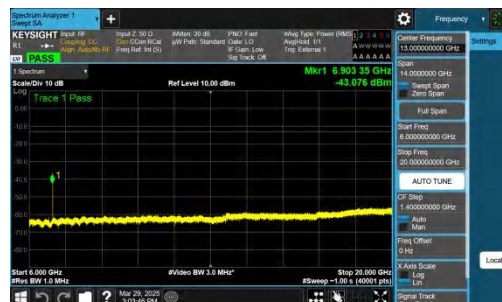
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS

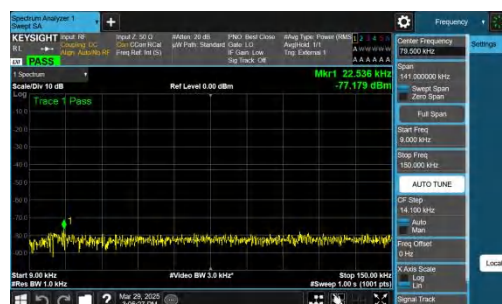
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

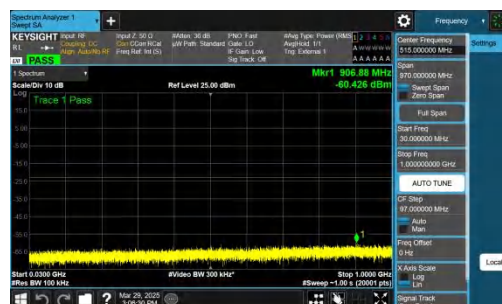
NTNV-n77(3450-3550)-PC2-30-20-H-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-10
00-3000-PASS


NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-60
00-20000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-
0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-
1000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-3
000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-30-L-CP-QPSK-Inner_1RB_Right-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



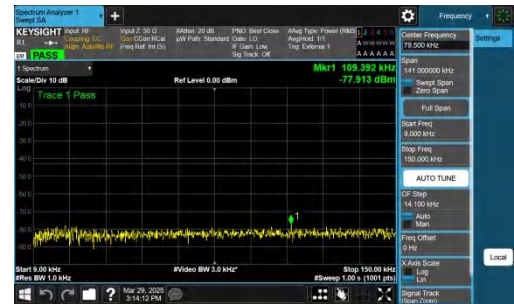
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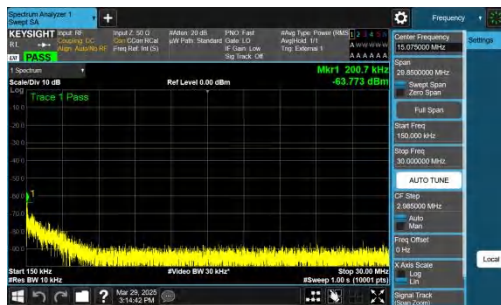
NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



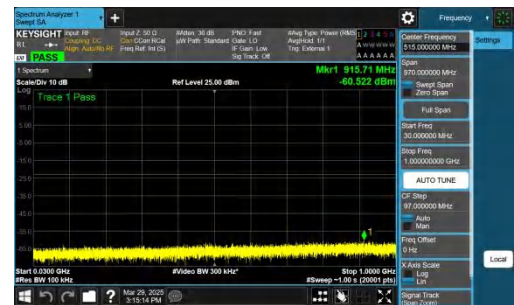
NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Left-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-3000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-30-M-CP-QPSK-Inner_1RB_Right-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



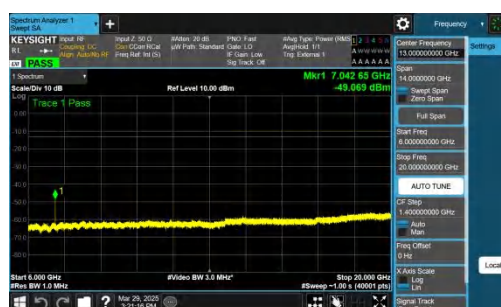
NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Left-20000-40000-PASS

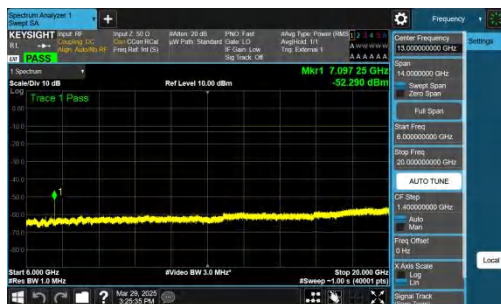


NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS


NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right
-0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right-
30-1000-PASS

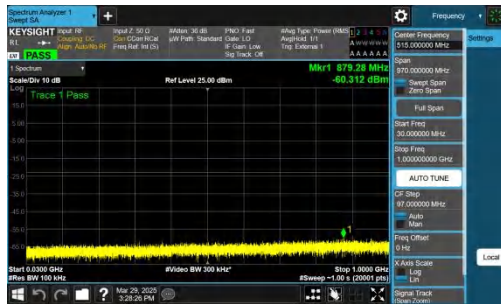
NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

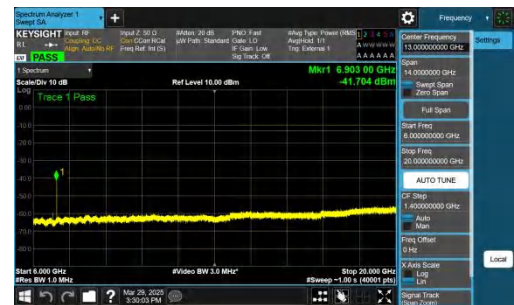
NTNV-n77(3450-3550)-PC2-30-30-H-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS

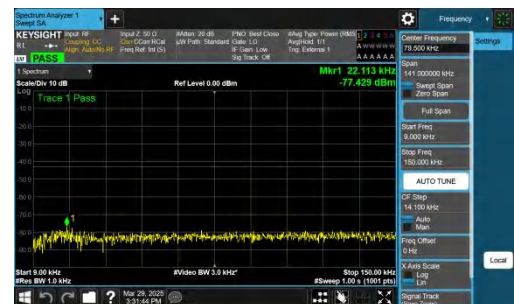
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS

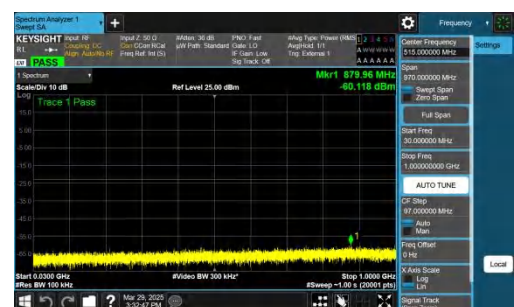
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS


NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-10
00-3000-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-60
00-20000-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-
0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-3
0-1000-PASS



NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS



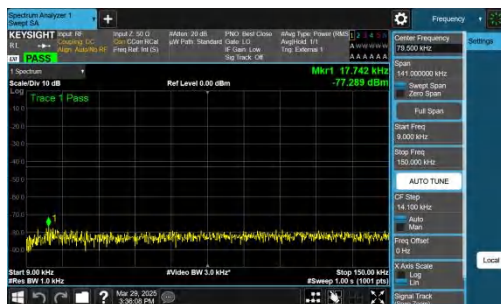
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-3000-6000-PASS



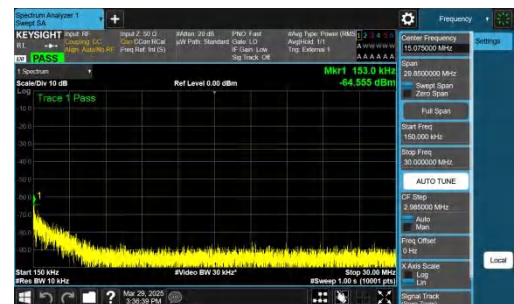
NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-40-L-CP-QPSK-Inner_1RB_Right-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



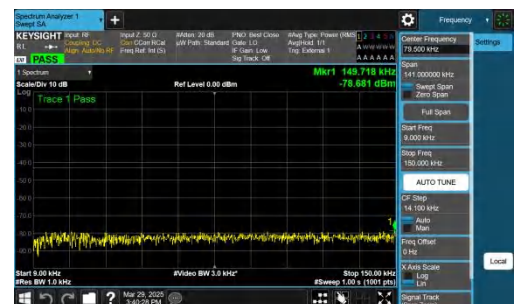
NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



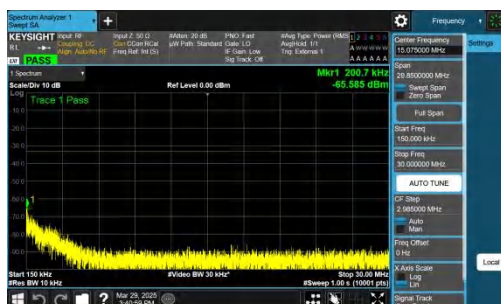
NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Left-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS

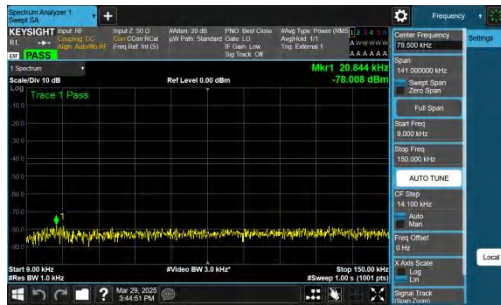
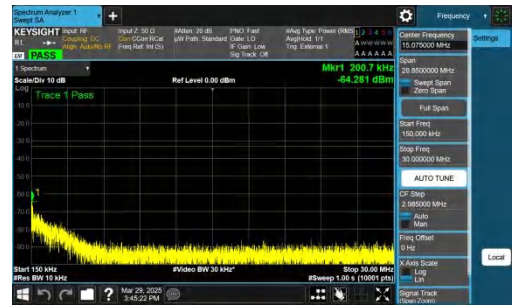
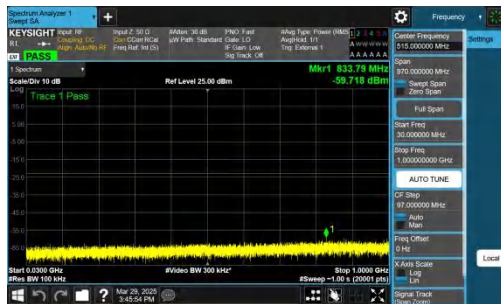


NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS



NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right-3000-6000-PASS

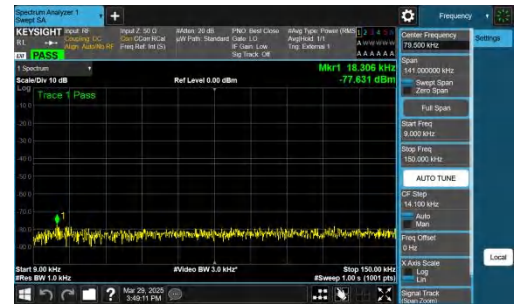
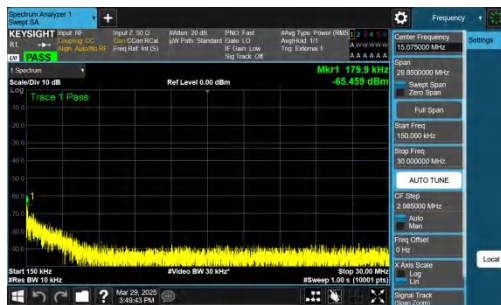
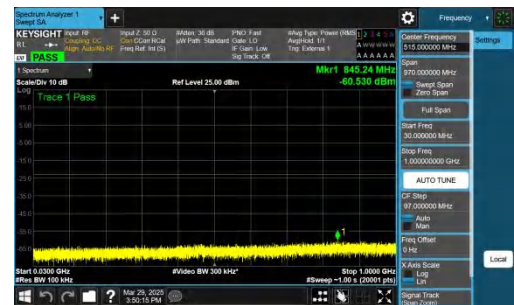

NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-40-M-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-1
000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-6
000-20000-PASS

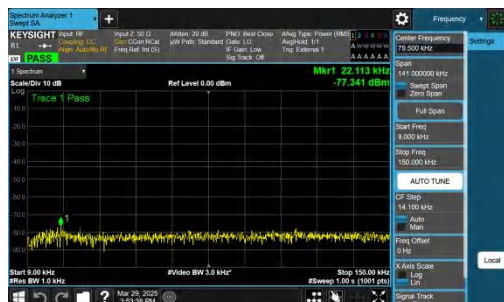

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right-
0.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right
-0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right-
30-1000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-40-H-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



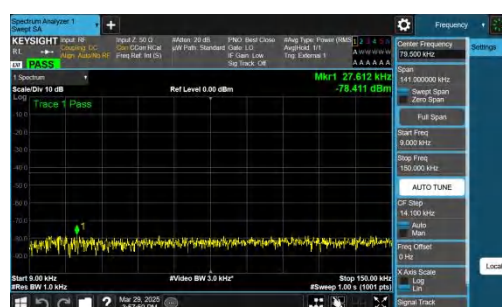
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



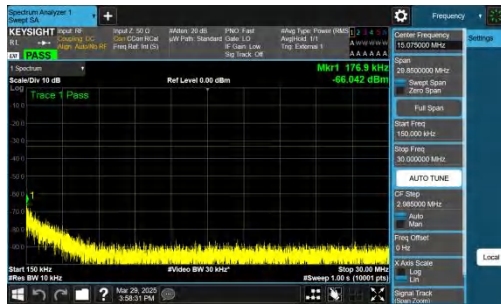
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



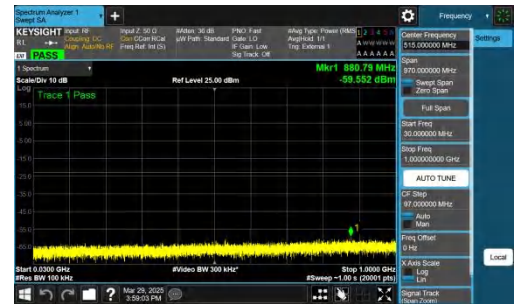
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Left-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS



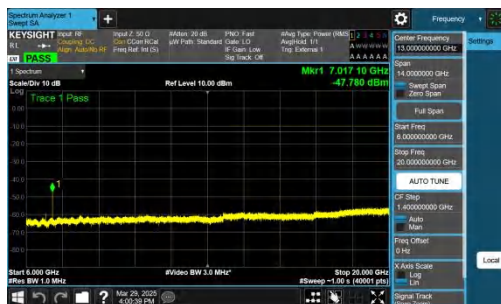
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-3 0-1000-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-3 000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-6000-20000-PASS



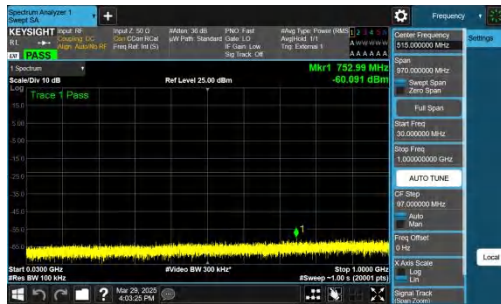
NTNV-n77(3450-3550)-PC2-30-60-L-CP-QPSK-Inner_1RB_Right-2 0000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



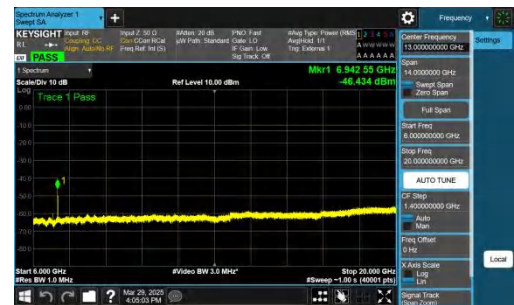
NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



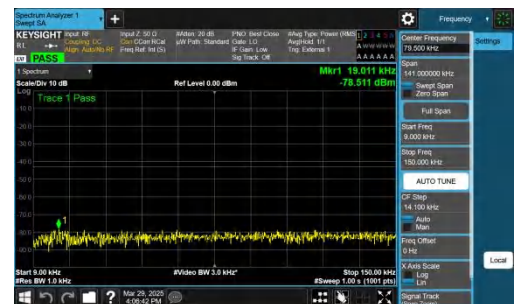
NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Left-20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS



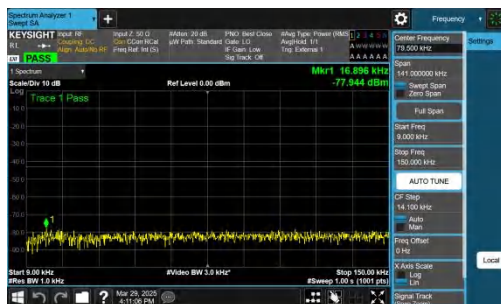
NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS



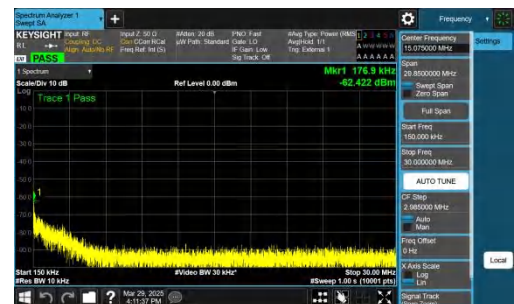
NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-60-M-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS



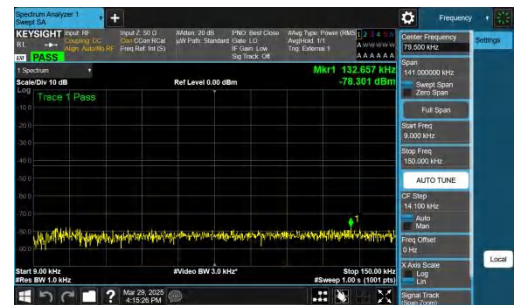
NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-3
0-1000-PASS

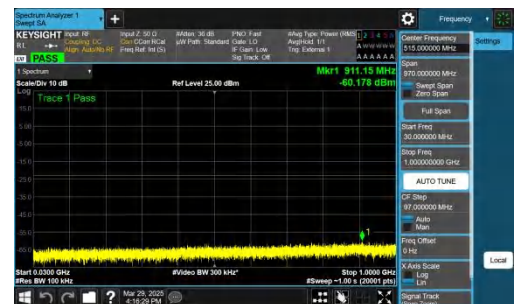


NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-1
000-3000-PASS


NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-3
000-6000-PASS

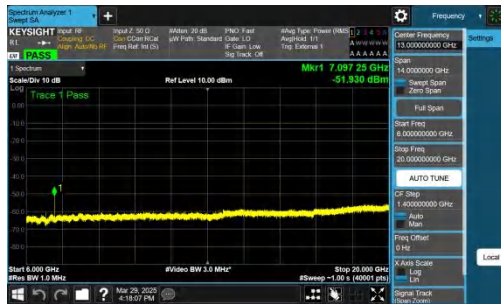
NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-6
000-20000-PASS

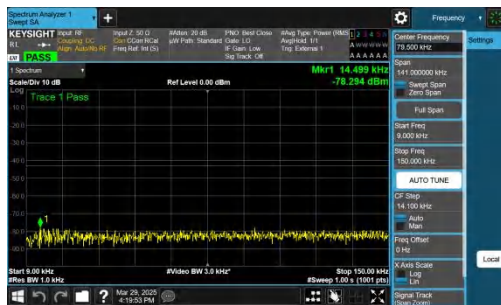
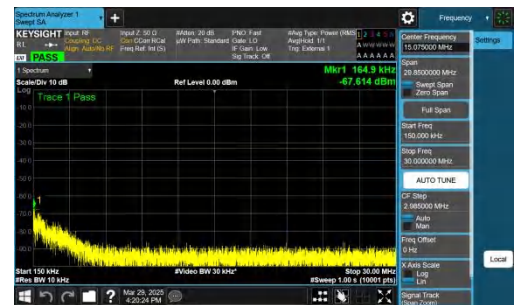
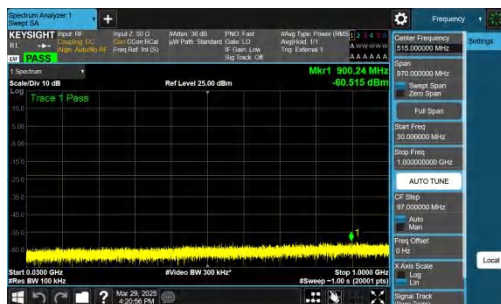
NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right-
0.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right
-0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right-
30-1000-PASS

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS

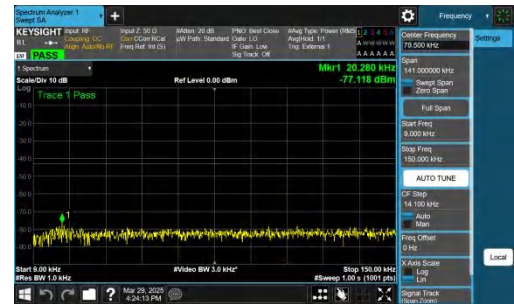
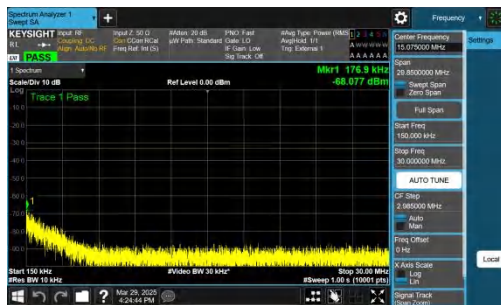
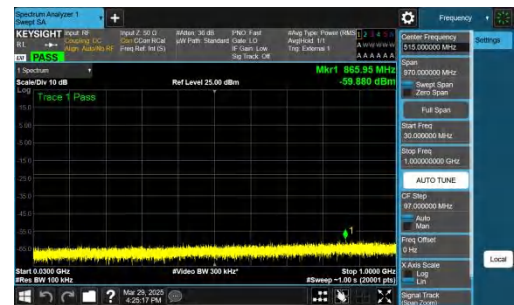

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-60-H-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-10
00-3000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-60
00-20000-PASS


NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Left-2
0000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-
0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-3
0-1000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-
1000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-3
000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-
6000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-80-L-CP-QPSK-Inner_1RB_Right-2
0000-40000-PASS



NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS



NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS



NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS



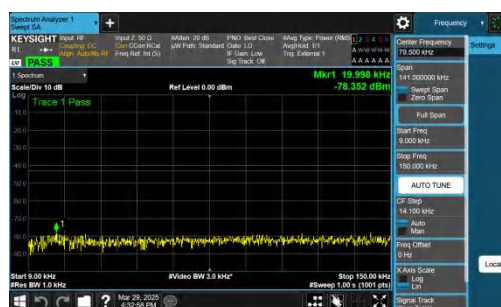
NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-3000-6000-PASS



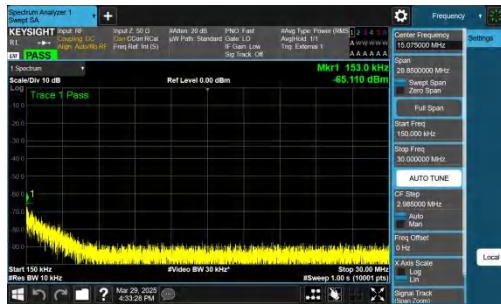
NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Left-20000-40000-PASS

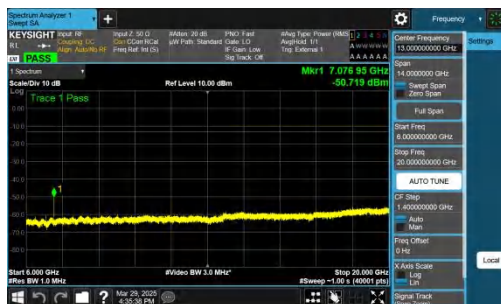


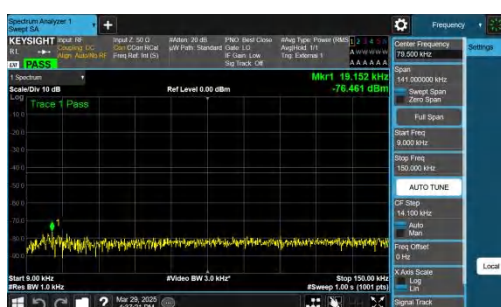
NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS


NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right
-0.15-30-PASS

NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right-
30-1000-PASS

NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right
-1000-3000-PASS

NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right-
3000-6000-PASS

NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right
-6000-20000-PASS

NTNV-n77(3450-3550)-PC2-30-80-M-CP-QPSK-Inner_1RB_Right-
20000-40000-PASS

NTNV-n77(3450-3550)-PC2-30-80-H-CP-QPSK-Inner_1RB_Left-0
.009-0.15-PASS

NTNV-n77(3450-3550)-PC2-30-80-H-CP-QPSK-Inner_1RB_Left-0.
15-30-PASS