

Report No.: SEWA2309000114RG02

Rev.: 01

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# Appendix B.45

## NR Band n78(3450-3550)



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

ANT2

Band	SC S	Bandwidth	Modulation	Channel	RB Config	Power ( dBm )	EIRP ( dBm )	Limit	Verdict
N78-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	26.42	27.42	30.00	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	26.04	27.04	30.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	26.32	27.32	30.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	26.24	27.24	30.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	25.89	26.89	30.00	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	25.98	26.98	30.00	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	26.09	27.09	30.00	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	25.65	26.65	30.00	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	26.49	27.49	30.00	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	26.15	27.15	30.00	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	26.4	27.4	30.00	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	26.07	27.07	30.00	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	26.21	27.21	30.00	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	25.85	26.85	30.00	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	26.56	27.56	30.00	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	26.17	27.17	30.00	PASS



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3550								0	S
N78-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	26.46	27.46	30.00	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	26.28	27.28	30.00	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	26.14	27.14	30.00	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	26.26	27.26	30.00	PASS
N78-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	25.85	26.85	30.00	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	26.63	27.63	30.00	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	26.3	27.3	30.00	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	26.46	27.46	30.00	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	26.06	27.06	30.00	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.28	27.28	30.00	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	25.94	26.94	30.00	PASS
N78-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.72	27.72	30.00	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	26.37	27.37	30.00	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	26.51	27.51	30.00	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	26.19	27.19	30.00	PASS
N78-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.26	27.26	30.00	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.97	26.97	30.00	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.35	27.35	30.00	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.98	26.98	30.00	PASS



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3550								0	S
N78-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	26.22	27.22	30.00	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	25.87	26.87	30.00	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	25.98	26.98	30.00	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.69	26.69	30.00	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	26.48	27.48	30.00	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	26.18	27.18	30.00	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.26	27.26	30.00	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.9	26.9	30.00	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	26.24	27.24	30.00	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	25.9	26.9	30.00	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.38	27.38	30.00	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	26.11	27.11	30.00	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	26.28	27.28	30.00	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	25.94	26.94	30.00	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	26.15	27.15	30.00	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	25.85	26.85	30.00	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.4	27.4	30.00	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	26.01	27.01	30.00	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.28	27.28	30.00	PASS



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3550								0	S
N78-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.92	26.92	30.00	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.18	27.18	30.00	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.85	26.85	30.00	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	26.37	27.37	30.00	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	26.03	27.03	30.00	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.26	27.26	30.00	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	25.94	26.94	30.00	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	26.27	27.27	30.00	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	25.91	26.91	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.3	27.3	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.74	26.74	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	26.1	27.1	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.25	27.25	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	25.77	26.77	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Outer_Full	25.68	26.68	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	26	27	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	25.42	26.42	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Outer_Full	24.58	25.58	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	24.26	25.26	30.00	PASS



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3550								0	S
N78-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	23.87	24.87	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Outer_Full	24.05	25.05	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	22.25	23.25	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	21.75	22.75	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	22.13	23.13	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.2	27.2	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.69	26.69	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	26.01	27.01	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	26.26	27.26	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	25.74	26.74	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	25.67	26.67	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.87	26.87	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	25.34	26.34	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	24.56	25.56	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	24.35	25.35	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	23.74	24.74	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	24.1	25.1	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	22.12	23.12	30.00	PASS
N78-3450-	30	100	DFT-	M	Inner_1RB_Rig	21.67	22.67	30.0	PAS



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3550			256QAM		ht			0	S
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	22.05	23.05	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.22	27.22	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.68	26.68	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	26.01	27.01	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.17	27.17	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	25.6	26.6	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Outer_Full	25.61	26.61	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.85	26.85	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	25.37	26.37	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.63	25.63	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	24.34	25.34	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	23.8	24.8	30.00	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Outer_Full	24.14	25.14	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	22.15	23.15	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	21.68	22.68	30.00	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	22.07	23.07	30.00	PASS



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**Test Result for MIMO**

Band	SC S	Bandwidth	Modulation	Channel	RB Config	Pow er Ant0	Pow er Ant2	Total Pow er	EIRP	Verdict
N78-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Left	22.35	21.48	24.95	25.95	PASS
N78-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Left	22.08	21.02	24.59	25.59	PASS
N78-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Left	22.61	21.31	25.01	26.01	PASS
N78-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Left	22.13	20.72	24.49	25.49	PASS
N78-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Left	22.33	21.66	25.02	26.02	PASS
N78-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Left	21.68	20.86	24.36	25.36	PASS
N78-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Left	22.85	21.83	25.38	26.38	PASS
N78-3450-3550	30	15	CP-QPSK	L	Outer_Full	21.26	20.43	23.88	24.88	PASS
N78-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Left	22.17	21.29	24.76	25.76	PASS
N78-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Left	22.42	21.38	24.94	25.94	PASS
N78-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Left	22.26	20.86	24.59	25.59	PASS
N78-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Left	22.39	21.67	25.06	26.06	PASS
N78-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Left	21.96	21.11	24.57	25.57	PASS
N78-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Left	22.79	21.99	25.38	26.38	PASS
N78-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Left	22.22	21.29	24.79	25.79	PASS
N78-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Left	22.68	21.46	25.12	26.12	PASS
N78-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Left	22.24	21.14	24.71	25.71	PASS



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N78-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Lef t	22.3 7	21.6 1	25.0 1	26.0 1	PAS S
N78-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Lef t	21.9 5	21 1	24.5 1	25.5 1	PAS S
N78-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Lef t	22.8 5	22.0 5	25.4 8	26.4 8	PAS S
N78-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Lef t	22.4 1	21.4 4	24.9 6	25.9 6	PAS S
N78-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Lef t	22.5 8	21.8 9	25.2 6	26.2 6	PAS S
N78-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Lef t	22.3 2	21.4 6	24.9 2	25.9 2	PAS S
N78-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Lef t	22.3 6	21.8	25.1	26.1	PAS S
N78-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Lef t	22.0 4	21.2 6	24.6 8	25.6 8	PAS S
N78-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Lef t	22.7 1	22.0 9	25.4 2	26.4 2	PAS S
N78-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Lef t	22.4 8	21.5 2	25.0 4	26.0 4	PAS S
N78-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Lef t	22.5 6	22.1	25.3 5	26.3 5	PAS S
N78-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Lef t	22.1 3	21.5 9	24.8 8	25.8 8	PAS S
N78-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Lef t	22.4 6	21.8	25.1 5	26.1 5	PAS S
N78-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Lef t	22.0 7	21.2 6	24.6 9	25.6 9	PAS S
N78-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Lef t	22.6 6	21.8 2	25.2 7	26.2 7	PAS S
N78-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Lef t	22.2 4	21.3 5	24.8 3	25.8 3	PAS S
N78-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Lef t	22.5 9	21.5 6	25.1 2	26.1 2	PAS S
N78-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Lef t	21.9 6	21.4 3	24.7 1	25.7 1	PAS S
N78-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Lef t	22.2 3	21.0 6	24.6 9	25.6 9	PAS S



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N78-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Lef t	21.8 7	20.6 1	24.3	25.3	PAS S
N78-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Lef t	22.6 3	21.6 5	25.1 8	26.1 8	PAS S
N78-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Lef t	22.1 7	21.1 9	24.7 2	25.7 2	PAS S
N78-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Lef t	22.4	21.7 4	25.0 9	26.0 9	PAS S
N78-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Lef t	22.0 3	20.9 7	24.5 4	25.5 4	PAS S
N78-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Lef t	22.2 8	21.4 7	24.9	25.9	PAS S
N78-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Lef t	22.1 2	20.9 6	24.5 9	25.5 9	PAS S
N78-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Lef t	22.4 5	21.4 8	25	26	PAS S
N78-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Lef t	22.2 8	20.9 7	24.6 8	25.6 8	PAS S
N78-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Lef t	22.4	21.6 7	25.0 6	26.0 6	PAS S
N78-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Lef t	22.0 5	21.1 8	24.6 5	25.6 5	PAS S
N78-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Lef t	22.2	21.6 1	24.9 3	25.9 3	PAS S
N78-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Lef t	21.8 7	21.1	24.5 1	25.5 1	PAS S
N78-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Lef t	22.6 2	21.5 7	25.1 4	26.1 4	PAS S
N78-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Lef t	22.2 2	21.1 4	24.7 2	25.7 2	PAS S
N78-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Lef t	22.5 3	21.7 9	25.1 9	26.1 9	PAS S
N78-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Lef t	22.0 4	21.3 3	24.7 1	25.7 1	PAS S
N78-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Lef t	22.2 8	21.6 4	24.9 8	25.9 8	PAS S
N78-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Lef t	21.8 8	21.0 5	24.5	25.5	PAS S



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N78-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Left	22.54	21.54	25.08	26.08	PASS
N78-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Left	22.15	21.06	24.65	25.65	PASS
N78-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Left	22.34	21.75	25.07	26.07	PASS
N78-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Left	21.92	21.17	24.57	25.57	PASS
N78-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Left	22.29	21.78	25.05	26.05	PASS
N78-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Left	22.14	21.16	24.69	25.69	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	22.6	21.57	25.13	26.13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	22.15	21.18	24.7	25.7	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	20.6	20	23.32	24.32	PASS
N78-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Left	22	21.12	24.59	25.59	PASS
N78-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Right	21.57	20.68	24.16	25.16	PASS
N78-3450-3550	30	100	CP-16QAM	L	Outer_Full	20.72	19.93	23.35	24.35	PASS
N78-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Left	20.42	19.64	23.06	24.06	PASS
N78-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Right	19.95	19.1	22.56	23.56	PASS
N78-3450-3550	30	100	CP-64QAM	L	Outer_Full	20.26	19.41	22.87	23.87	PASS
N78-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Left	17.73	16.58	20.2	21.2	PASS
N78-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Right	17.23	16	19.67	20.67	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	17.38	16.54	19.99	20.99	PASS
N78-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Left	22.36	21.52	24.97	25.97	PASS



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