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N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	20.92	20.05	23.52	17.42	PAS S
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	20.38	19.35	22.91	16.81	PAS S
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	21.14	20.21	23.71	17.61	PAS S
N77-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Left	25.23	24.27	27.79	21.69	PAS S
N77-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Right	25.07	23.68	27.44	21.34	PAS S
N77-3450-3550	30	30	CP-QPSK	M	Outer_Full	22.78	21.62	25.25	19.15	PAS S
N77-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Left	24.97	24.07	27.55	21.45	PAS S
N77-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Right	24.6	23.33	27.02	20.92	PAS S
N77-3450-3550	30	30	CP-16QAM	M	Outer_Full	22.72	21.67	25.24	19.14	PAS S
N77-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Left	22.95	22.05	25.53	19.43	PAS S
N77-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Right	22.63	21.51	25.12	19.02	PAS S
N77-3450-3550	30	30	CP-64QAM	M	Outer_Full	22.32	21.22	24.82	18.72	PAS S
N77-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Left	19.23	18.79	22.03	15.93	PAS S
N77-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Right	19.26	17.67	21.55	15.45	PAS S
N77-3450-3550	30	30	CP-256QAM	M	Outer_Full	19.33	18.23	21.83	15.73	PAS S
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.57	25.84	29.23	23.13	PAS S
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	25.88	25.53	28.72	22.62	PAS S
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	25.16	24.27	27.75	21.65	PAS S
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.37	25.41	28.93	22.83	PAS S



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N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Rig ht	26.0 6	25.3 2	28.7 2	22.6 2	PAS S
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	24.6 3	23.7	27.2	21.1	PAS S
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Lef t	25.6 6	24.5 8	28.1 6	22.0 6	PAS S
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Rig ht	25.2 7	24.1 1	27.7 4	21.6 4	PAS S
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	23.7 3	22.7 9	26.3	20.2	PAS S
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Lef t	23.5 2	22.4 7	26.0 4	19.9 4	PAS S
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Rig ht	23.2 8	22.2 2	25.7 9	19.6 9	PAS S
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	23.3 1	22.3 7	25.8 8	19.7 8	PAS S
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Lef t	20.9 2	20.0 5	23.5 2	17.4 2	PAS S
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Rig ht	20.3 3	19.3	22.8 6	16.7 6	PAS S
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	21.2 7	20.3 4	23.8 4	17.7 4	PAS S
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Lef t	25.1	24.2 1	27.6 9	21.5 9	PAS S
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Rig ht	25.0 9	24.2 3	27.6 9	21.5 9	PAS S
N77-3450-3550	30	30	CP-QPSK	H	Outer_Full	22.5	21.5 9	25.0 8	18.9 8	PAS S
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Lef t	24.7 1	23.6 6	27.2 3	21.1 3	PAS S
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Rig ht	24.3 5	23.6	27	20.9	PAS S
N77-3450-3550	30	30	CP-16QAM	H	Outer_Full	22.5 9	21.6 6	25.1 6	19.0 6	PAS S
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Lef t	22.7 6	21.8 6	25.3 4	19.2 4	PAS S
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Rig ht	22.4 2	21.7 8	25.1 2	19.0 2	PAS S



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N77-3450-3550	30	30	CP-64QAM	H	Outer_Full	22.07	21.16	24.65	18.55	PAS S
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Left	19.42	18.69	22.08	15.98	PAS S
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Right	18.81	18.08	21.47	15.37	PAS S
N77-3450-3550	30	30	CP-256QAM	H	Outer_Full	19.09	18.2	21.68	15.58	PAS S
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.64	25.91	29.3	23.2	PAS S
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.77	25.42	28.61	22.51	PAS S
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	25.2	24.31	27.79	21.69	PAS S
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.45	25.49	29.01	22.91	PAS S
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	25.96	25.22	28.62	22.52	PAS S
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	24.57	23.64	27.14	21.04	PAS S
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	25.84	24.76	28.34	22.24	PAS S
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.31	24.15	27.78	21.68	PAS S
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	23.71	22.77	26.28	20.18	PAS S
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	23.69	22.64	26.21	20.11	PAS S
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	23.29	22.23	25.8	19.7	PAS S
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	23.14	22.2	25.71	19.61	PAS S
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	20.88	20.01	23.48	17.38	PAS S
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	20.35	19.32	22.88	16.78	PAS S
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	21.11	20.18	23.68	17.58	PAS S



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N77-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Left	25.47	23.83	27.74	21.64	PASS
N77-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Right	25.34	24.37	27.89	21.79	PASS
N77-3450-3550	30	40	CP-QPSK	L	Outer_Full	22.79	21.77	25.32	19.22	PASS
N77-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Left	25.16	23.52	27.43	21.33	PASS
N77-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Right	24.91	24.03	27.5	21.4	PASS
N77-3450-3550	30	40	CP-16QAM	L	Outer_Full	22.78	21.82	25.34	19.24	PASS
N77-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Left	23.21	21.56	25.47	19.37	PASS
N77-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Right	23.03	22.08	25.59	19.49	PASS
N77-3450-3550	30	40	CP-64QAM	L	Outer_Full	22.36	21.37	24.9	18.8	PASS
N77-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Left	19.48	17.88	21.76	15.66	PASS
N77-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Right	19.15	18.32	21.77	15.67	PASS
N77-3450-3550	30	40	CP-256QAM	L	Outer_Full	19.42	18.31	21.91	15.81	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.58	25.85	29.24	23.14	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.77	25.42	28.61	22.51	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	25.24	24.35	27.83	21.73	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	26.35	25.39	28.91	22.81	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	26.06	25.32	28.72	22.62	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	24.66	23.73	27.23	21.13	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	25.67	24.59	28.17	22.07	PASS



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N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	23.7 8	22.8 4	26.3 5	20.2 5	PAS S
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Lef t	23.6 9	22.6 4	26.2 1	20.1 1	PAS S
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Rig ht	23.1 9	22.1 3	25.7	19.6	PAS S
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	23.1 8	22.2 4	25.7 5	19.6 5	PAS S
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Lef t	20.8 7	20	23.4 7	17.3 7	PAS S
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Rig ht	20.3 1	19.2 8	22.8 4	16.7 4	PAS S
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	21.2	20.2 7	23.7 7	17.6 7	PAS S
N77-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Lef t	25.3 4	24.4 9	27.9 5	21.8 5	PAS S
N77-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Rig ht	25.2 1	24.0 6	27.6 8	21.5 8	PAS S
N77-3450-3550	30	40	CP-QPSK	M	Outer_Full	22.8 1	21.6 7	25.2 9	19.1 9	PAS S
N77-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Lef t	25.0 1	24.0 5	27.5 7	21.4 7	PAS S
N77-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Rig ht	24.8 2	23.6 8	27.3	21.2	PAS S
N77-3450-3550	30	40	CP-16QAM	M	Outer_Full	22.7 7	21.6 7	25.2 7	19.1 7	PAS S
N77-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Lef t	22.9 3	22.0 8	25.5 4	19.4 4	PAS S
N77-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Rig ht	22.7 4	21.6 5	25.2 4	19.1 4	PAS S
N77-3450-3550	30	40	CP-64QAM	M	Outer_Full	22.2 9	21.2	24.7 9	18.6 9	PAS S
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Lef t	19.2 8	18.5 2	21.9 3	15.8 3	PAS S
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Rig ht	19.2 8	18.2 6	21.8 1	15.7 1	PAS S



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N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.63	25.9	29.29	23.19	PAS S
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	25.89	25.54	28.73	22.63	PAS S
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	25.29	24.4	27.88	21.78	PAS S
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.39	25.43	28.95	22.85	PAS S
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	25.9	25.16	28.56	22.46	PAS S
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	24.73	23.8	27.3	21.2	PAS S
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.84	24.76	28.34	22.24	PAS S
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	25.3	24.14	27.77	21.67	PAS S
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	23.77	22.83	26.34	20.24	PAS S
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	23.51	22.46	26.03	19.93	PAS S
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	23.25	22.19	25.76	19.66	PAS S
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	23.28	22.34	25.85	19.75	PAS S
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	20.96	20.09	23.56	17.46	PAS S
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	20.4	19.37	22.93	16.83	PAS S
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	21.2	20.27	23.77	17.67	PAS S
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Left	25.08	23.76	27.48	21.38	PAS S
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Right	24.95	23.97	27.5	21.4	PAS S
N77-3450-3550	30	40	CP-QPSK	H	Outer_Full	22.56	21.56	25.1	19	PAS S



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N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Left	24.57	23.26	26.97	20.87	PASS
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Right	24.66	23.63	27.19	21.09	PASS
N77-3450-3550	30	40	CP-16QAM	H	Outer_Full	22.58	21.57	25.11	19.01	PASS
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Left	22.79	21.68	25.28	19.18	PASS
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Right	22.71	21.87	25.32	19.22	PASS
N77-3450-3550	30	40	CP-64QAM	H	Outer_Full	22.08	21.05	24.61	18.51	PASS
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Left	19.02	18.28	21.68	15.58	PASS
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Right	18.9	18.13	21.54	15.44	PASS
N77-3450-3550	30	40	CP-256QAM	H	Outer_Full	19.15	18.15	21.69	15.59	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.5	25.77	29.16	23.06	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.89	25.54	28.73	22.63	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	25.29	24.4	27.88	21.78	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.41	25.45	28.97	22.87	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	25.89	25.15	28.55	22.45	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	24.59	23.66	27.16	21.06	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.69	24.61	28.19	22.09	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	25.4	24.24	27.87	21.77	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	23.59	22.65	26.16	20.06	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	23.57	22.52	26.09	19.99	PASS



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N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Rig ht	23.1 5	22.0 9	25.6 6	19.5 6	PAS S
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.2 8	22.3 4	25.8 5	19.7 5	PAS S
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Lef t	20.9	20.0 3	23.5	17.4	PAS S
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Rig ht	20.3 3	19.3	22.8 6	16.7 6	PAS S
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	21.2 5	20.3 2	23.8 2	17.7 2	PAS S
N77-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Lef t	25.3 3	23.6 5	27.5 8	21.4 8	PAS S
N77-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Rig ht	24.7 6	23.7 6	27.3	21.2	PAS S
N77-3450-3550	30	50	CP-QPSK	L	Outer_Full	22.6 1	21.6 3	25.1 6	19.0 6	PAS S
N77-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Lef t	24.9 6	23.2 3	27.1 9	21.0 9	PAS S
N77-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Rig ht	24.4 5	23.2 5	26.9	20.8	PAS S
N77-3450-3550	30	50	CP-16QAM	L	Outer_Full	22.6 6	21.6 7	25.2	19.1	PAS S
N77-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Lef t	23.0 2	21.2 6	25.2 4	19.1 4	PAS S
N77-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Rig ht	22.2 3	21.5 1	24.9 0	18.8 0	PAS S
N77-3450-3550	30	50	CP-64QAM	L	Outer_Full	22.1 2	21.1 4	24.6 7	18.5 7	PAS S
N77-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Lef t	19.3 3	17.8 4	21.6 6	15.5 6	PAS S
N77-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Rig ht	19.0 1	18.1 1	21.5 9	15.4 9	PAS S
N77-3450-3550	30	50	CP-256QAM	L	Outer_Full	19.1 9	18.1 7	21.7 2	15.6 2	PAS S
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Lef t	26.4 7	25.7 4	29.1 3	23.0 3	PAS S
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.9 7	25.6 2	28.8 1	22.7 1	PAS S



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N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	25.24	24.35	27.83	21.73	PAS S
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	26.49	25.53	29.05	22.95	PAS S
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	25.93	25.19	28.59	22.49	PAS S
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	24.77	23.77	27.27	21.17	PAS S
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	25.71	24.63	28.21	22.11	PAS S
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	25.31	24.15	27.78	21.68	PAS S
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	23.58	22.64	26.15	20.05	PAS S
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	23.6	22.55	26.12	20.02	PAS S
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	23.18	22.12	25.69	19.59	PAS S
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	23.16	22.22	25.73	19.63	PAS S
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	20.93	20.06	23.53	17.43	PAS S
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	20.45	19.42	22.98	16.88	PAS S
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	21.21	20.28	23.78	17.68	PAS S
N77-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Left	24.98	24.18	27.61	21.51	PAS S
N77-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Right	24.5	23.74	27.15	21.05	PAS S
N77-3450-3550	30	50	CP-QPSK	M	Outer_Full	22.42	21.47	24.98	18.88	PAS S
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Left	24.46	23.58	27.05	20.95	PAS S
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Right	24.32	23.47	26.93	20.83	PAS S
N77-3450-3550	30	50	CP-16QAM	M	Outer_Full	22.46	21.45	24.99	18.89	PAS S



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N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Left	22.81	22.05	25.46	19.36	PASS
N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Right	22.31	21.44	24.91	18.81	PASS
N77-3450-3550	30	50	CP-64QAM	M	Outer_Full	21.96	20.98	24.51	18.41	PASS
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Left	19.05	18.72	21.9	15.8	PASS
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Right	18.62	17.78	21.23	15.13	PASS
N77-3450-3550	30	50	CP-256QAM	M	Outer_Full	18.97	17.97	21.51	15.41	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.55	25.82	29.21	23.11	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	25.81	25.46	28.65	22.55	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	25.14	24.25	27.73	21.63	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	26.35	25.39	28.91	22.81	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	25.9	25.16	28.56	22.46	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	24.77	23.84	27.34	21.24	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.79	24.71	28.29	22.19	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	25.35	24.19	27.82	21.72	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	23.74	22.8	26.31	20.21	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	23.7	22.65	26.22	20.12	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	23.21	22.15	25.72	19.62	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	23.18	22.24	25.75	19.65	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	20.85	19.98	23.45	17.35	PASS



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N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	21.0 7	20.1 4	23.6 4	17.5 4	PAS S
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Lef t	25.1 1	23.9 9	27.6	21.5	PAS S
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Rig ht	24.3 5	23.5 6	26.9 8	20.8 8	PAS S
N77-3450-3550	30	50	CP-QPSK	H	Outer_Full	22.2 5	21.2 8	24.8	18.7	PAS S
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Lef t	24.3 2	23.3 1	26.8 5	20.7 5	PAS S
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Rig ht	24.0 4	23.1 9	26.6 5	20.5 5	PAS S
N77-3450-3550	30	50	CP-16QAM	H	Outer_Full	22.2 8	21.3 2	24.8 4	18.7 4	PAS S
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Lef t	22.7 2	21.6 2	25.2 2	19.1 2	PAS S
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Rig ht	22.1 3	21.3 7	24.7 8	18.6 8	PAS S
N77-3450-3550	30	50	CP-64QAM	H	Outer_Full	21.7 5	20.8 3	24.3 2	18.2 2	PAS S
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Lef t	19.2 1	18.0 1	21.6 6	15.5 6	PAS S
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Rig ht	18.4 7	17.9 3	21.2 2	15.1 2	PAS S
N77-3450-3550	30	50	CP-256QAM	H	Outer_Full	18.7 5	17.8 2	21.3 2	15.2 2	PAS S
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Lef t	26.5 3	25.8	29.1 9	23.0 9	PAS S
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Rig ht	25.8 8	25.5 3	28.7 2	22.6 2	PAS S
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	25.1 7	24.2 8	27.7 6	21.6 6	PAS S
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Lef t	26.4 3	25.4 7	28.9 9	22.8 9	PAS S
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Rig ht	25.9	25.1 6	28.5 6	22.4 6	PAS S



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N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Lef t	25.7 9	24.7 1	28.2 9	22.1 9	PAS S
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Rig ht	25.2 3	24.0 7	27.7	21.6	PAS S
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	23.6 8	22.7 4	26.2 5	20.1 5	PAS S
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Lef t	23.4 9	22.4 4	26.0 1	19.9 1	PAS S
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Rig ht	23.2 5	22.1 9	25.7 6	19.6 6	PAS S
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	23.2 6	22.3 2	25.8 3	19.7 3	PAS S
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Lef t	20.8 6	19.9 9	23.4 6	17.3 6	PAS S
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Rig ht	20.3 3	19.3	22.8 6	16.7 6	PAS S
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	21.2 1	20.2 8	23.7 8	17.6 8	PAS S
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Lef t	25.3 1	23.6	27.5 5	21.4 5	PAS S
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Rig ht	24.6 9	23.2 6	27.0 4	20.9 4	PAS S
N77-3450-3550	30	60	CP-QPSK	L	Outer_Full	22.6 5	21.5 3	25.1 4	19.0 4	PAS S
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Lef t	24.9 4	23.2 5	27.1 9	21.0 9	PAS S
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Rig ht	24.2 8	23.0 3	26.7 1	20.6 1	PAS S
N77-3450-3550	30	60	CP-16QAM	L	Outer_Full	22.6 1	21.6	25.1 4	19.0 4	PAS S
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Lef t	22.9 8	21.2 4	25.2 1	19.1 1	PAS S
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Rig ht	22.4 8	21.1 7	24.8 8	18.7 8	PAS S
N77-3450-3550	30	60	CP-64QAM	L	Outer_Full	22.1 4	21.1 1	24.6 7	18.5 7	PAS S



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N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Lef t	19.3 9	17.7 9	21.6 7	15.5 7	PAS S
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Rig ht	19.0 3	17.7 9	21.4 6	15.3 6	PAS S
N77-3450-3550	30	60	CP-256QAM	L	Outer_Full	19.1 9	18.1 2	21.7	15.6	PAS S
N77-3450-3550	30	60	DFT- PI2BPSK	M	Inner_1RB_Lef t	26.4 8	25.7 5	29.1 4	23.0 4	PAS S
N77-3450-3550	30	60	DFT- PI2BPSK	M	Inner_1RB_Rig ht	25.7 9	25.4 4	28.6 3	22.5 3	PAS S
N77-3450-3550	30	60	DFT- PI2BPSK	M	Outer_Full	25.2 7	24.3 8	27.8 6	21.7 6	PAS S
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Lef t	26.4 7	25.5 1	29.0 3	22.9 3	PAS S
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Rig ht	26.0 8	25.3 4	28.7 4	22.6 4	PAS S
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	24.7 2	23.7 9	27.2 9	21.1 9	PAS S
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Lef t	25.8 1	24.7 3	28.3 1	22.2 1	PAS S
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Rig ht	25.3 4	24.1 8	27.8 1	21.7 1	PAS S
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	23.6 1	22.6 7	26.1 8	20.0 8	PAS S
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Lef t	23.5 9	22.5 4	26.1 1	20.0 1	PAS S
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Rig ht	23.3 3	22.2 7	25.8 4	19.7 4	PAS S
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	23.3 4	22.4	25.9 1	19.8 1	PAS S
N77-3450-3550	30	60	DFT- 256QAM	M	Inner_1RB_Lef t	20.8 6	19.9 9	23.4 6	17.3 6	PAS S
N77-3450-3550	30	60	DFT- 256QAM	M	Inner_1RB_Rig ht	20.4	19.3 7	22.9 3	16.8 3	PAS S
N77-3450-3550	30	60	DFT- 256QAM	M	Outer_Full	21.1 7	20.2 4	23.7 4	17.6 4	PAS S
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Lef t	15.0 3	24.2 4	24.7 3	18.6 3	PAS S



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N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Rig ht	24.7 3	23.6 8	27.2 5	21.1 5	PAS S
N77-3450-3550	30	60	CP-QPSK	M	Outer_Full	22.4 3	21.5 7	25.0 3	18.9 3	PAS S
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Lef t	24.9 1	23.9 1	27.4 5	21.3 5	PAS S
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Rig ht	24.3 7	23.4 9	26.9 6	20.8 6	PAS S
N77-3450-3550	30	60	CP-16QAM	M	Outer_Full	22.4 9	21.5 1	25.0 4	18.9 4	PAS S
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Lef t	22.9 4	22.0 3	25.5 2	19.4 2	PAS S
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Rig ht	22.4 7	21.6 2	25.0 8	18.9 8	PAS S
N77-3450-3550	30	60	CP-64QAM	M	Outer_Full	22.0 3	21.0 4	24.5 7	18.4 7	PAS S
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Lef t	19.2 7	18.3 6	21.8 5	15.7 5	PAS S
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Rig ht	18.7 4	18.2 4	21.5 1	15.4 1	PAS S
N77-3450-3550	30	60	CP-256QAM	M	Outer_Full	19	18.0 9	21.5 8	15.4 8	PAS S
N77-3450-3550	30	60	DFT- PI2BPSK	H	Inner_1RB_Lef t	26.6	25.8 7	29.2 6	23.1 6	PAS S
N77-3450-3550	30	60	DFT- PI2BPSK	H	Inner_1RB_Rig ht	25.8 4	25.4 9	28.6 8	22.5 8	PAS S
N77-3450-3550	30	60	DFT- PI2BPSK	H	Outer_Full	25.1 3	24.2 4	27.7 2	21.6 2	PAS S
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Lef t	26.5 2	25.5 6	29.0 8	22.9 8	PAS S
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Rig ht	25.8 9	25.1 5	28.5 5	22.4 5	PAS S
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	24.7 6	23.8 3	27.3 3	21.2 3	PAS S
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Lef t	25.7 4	24.6 6	28.2 4	22.1 4	PAS S
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Rig ht	25.3 8	24.2 2	27.8 5	21.7 5	PAS S



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N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	23.79	22.85	26.36	20.26	PAS S
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	23.57	22.52	26.09	19.99	PAS S
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	23.32	22.26	25.83	19.73	PAS S
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	23.32	22.38	25.89	19.79	PAS S
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	20.81	19.94	23.41	17.31	PAS S
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	20.33	19.36	22.86	16.76	PAS S
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	21.27	20.34	23.84	17.74	PAS S
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Left	25.02	24.22	27.65	21.55	PAS S
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Right	24.56	23.62	27.12	21.02	PAS S
N77-3450-3550	30	60	CP-QPSK	H	Outer_Full	22.42	21.45	24.95	18.85	PAS S
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Left	24.58	23.55	27.11	21.01	PAS S
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Right	24.24	23.19	26.76	20.66	PAS S
N77-3450-3550	30	60	CP-16QAM	H	Outer_Full	22.44	21.36	24.94	18.84	PAS S
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Left	22.76	21.83	25.33	19.23	PAS S
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Right	22.25	21.64	24.97	18.87	PAS S
N77-3450-3550	30	60	CP-64QAM	H	Outer_Full	21.96	20.97	24.57	18.47	PAS S
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Left	19.13	18.64	21.94	15.84	PAS S
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Right	18.64	18.03	21.36	15.26	PAS S
N77-3450-3550	30	60	CP-256QAM	H	Outer_Full	19.01	17.97	21.53	15.43	PAS S



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N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.62	25.89	29.28	23.18	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	25.97	25.62	28.81	22.71	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	25.16	24.27	27.75	21.65	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.42	25.46	28.98	22.88	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	26.02	25.28	28.68	22.58	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	24.61	23.68	27.18	21.08	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	25.67	24.59	28.17	22.07	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	25.41	24.25	27.88	21.78	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	23.77	22.83	26.34	20.24	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	23.57	22.52	26.09	19.99	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	23.14	22.08	25.65	19.55	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	23.19	22.25	25.76	19.66	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	20.77	19.9	23.37	17.27	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	20.43	19.4	22.96	16.86	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	21.18	20.25	23.75	17.65	PASS
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Left	25.45	23.89	27.75	21.65	PASS
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Right	24.91	23.53	27.28	21.18	PASS
N77-3450-3550	30	70	CP-QPSK	L	Outer_Full	22.59	21.3	25	18.9	PASS
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Left	24.66	22.99	26.92	20.82	PASS



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N77-3450-3550	30	70	CP-16QAM	L	Outer_Full	22.5 1	21.3 5	24.9 8	18.8 8	PAS S
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Lef t	22.9 6	21.2 5	25.2	19.1	PAS S
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Rig ht	22.5 4	21.1 8	24.9 2	18.8 2	PAS S
N77-3450-3550	30	70	CP-64QAM	L	Outer_Full	22.0 5	20.8 9	24.5 2	18.4 2	PAS S
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Lef t	19.0 8	17.8 7	21.5 3	15.4 3	PAS S
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Rig ht	19.0 4	17.8 7	21.5	15.4	PAS S
N77-3450-3550	30	70	CP-256QAM	L	Outer_Full	19.0 9	17.8 8	21.5 4	15.4 4	PAS S
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Lef t	26.5 9	25.8 6	29.2 5	23.1 5	PAS S
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.9 3	25.5 8	28.7 7	22.6 7	PAS S
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	25.1 8	24.2 9	27.7 7	21.6 7	PAS S
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Lef t	26.4 9	25.5 3	29.0 5	22.9 5	PAS S
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Rig ht	25.9 2	25.1 8	28.5 8	22.4 8	PAS S
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	24.5 7	23.6 4	27.1 4	21.0 4	PAS S
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Lef t	25.7 9	24.7 1	28.2 9	22.1 9	PAS S
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Rig ht	25.3 1	24.1 5	27.7 8	21.6 8	PAS S
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	23.6 6	22.7 2	26.2 3	20.1 3	PAS S
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Lef t	23.5 8	22.5 3	26.1	20	PAS S
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Rig ht	23.1 4	22.0 8	25.6 5	19.5 5	PAS S



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N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	23.3 2	22.3 8	25.8 9	19.7 9	PAS S
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	20.8	19.9 3	23.4	17.3	PAS S
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	20.4 1	19.3 8	22.9 4	16.8 4	PAS S
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	21.0 9	20.1 6	23.6 6	17.5 6	PAS S
N77-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Left	25.1 5	24.2 3	27.7 2	21.6 2	PAS S
N77-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Right	24.7 6	23.6 8	27.2 6	21.1 6	PAS S
N77-3450-3550	30	70	CP-QPSK	M	Outer_Full	22.4	21.3 7	24.9 3	18.8 3	PAS S
N77-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Left	24.7 4	23.8 1	27.3 1	21.2 1	PAS S
N77-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Right	24.2 8	23.1 6	26.7 7	20.6 7	PAS S
N77-3450-3550	30	70	CP-16QAM	M	Outer_Full	22.4	21.3 3	24.9 1	18.8 1	PAS S
N77-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Left	22.7 8	21.9 6	25.4	19.3	PAS S
N77-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Right	22.2 9	21.2 4	24.8 1	18.7 1	PAS S
N77-3450-3550	30	70	CP-64QAM	M	Outer_Full	21.9 1	20.8 8	24.4 4	18.3 4	PAS S
N77-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Left	19.1 4	18.5 9	21.8 8	15.7 8	PAS S
N77-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Right	18.7	17.6 1	21.2	15.1	PAS S
N77-3450-3550	30	70	CP-256QAM	M	Outer_Full	18.9 7	17.9 3	21.4 9	15.3 9	PAS S
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.6 1	25.8 8	29.2 7	23.1 7	PAS S
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	25.9 5	25.6	28.7 9	22.6 9	PAS S
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	25.1 9	24.3	27.7 8	21.6 8	PAS S



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N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	26.56	25.6	29.12	23.02	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	26.09	25.35	28.75	22.65	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	24.63	23.7	27.2	21.1	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	25.67	24.59	28.17	22.07	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	25.33	24.17	27.8	21.7	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	23.77	22.83	26.34	20.24	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	23.61	22.56	26.13	20.03	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	23.17	22.11	25.68	19.58	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	23.14	22.2	25.71	19.61	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	20.8	19.93	23.4	17.3	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	20.45	19.42	22.98	16.88	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	21.19	20.26	23.76	17.66	PASS
N77-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Left	25.05	24.01	27.57	21.47	PASS
N77-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Right	24.58	23.73	27.19	21.09	PASS
N77-3450-3550	30	70	CP-QPSK	H	Outer_Full	22.29	21.22	24.8	18.7	PASS
N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Left	24.42	23.41	26.95	20.85	PASS
N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Right	24.01	23.14	26.61	20.51	PASS
N77-3450-3550	30	70	CP-16QAM	H	Outer_Full	22.27	21.26	24.8	18.7	PASS
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Left	22.72	21.74	25.27	19.17	PASS



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N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Rig ht	22.0 3	21.4 8	24.7 7	18.6 7	PAS S
N77-3450-3550	30	70	CP-64QAM	H	Outer_Full	21.8 1	20.7 4	24.3 2	18.2 2	PAS S
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Lef t	19.0 9	18.2	21.6 8	15.5 8	PAS S
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Rig ht	18.4 3	18	21.2 3	15.1 3	PAS S
N77-3450-3550	30	70	CP-256QAM	H	Outer_Full	18.8 7	17.8 1	21.3 8	15.2 8	PAS S
N77-3450-3550	30	80	DFT- PI2BPSK	L	Inner_1RB_Lef t	26.4 9	25.7 6	29.1 5	23.0 5	PAS S
N77-3450-3550	30	80	DFT- PI2BPSK	L	Inner_1RB_Rig ht	25.9	25.5 5	28.7 4	22.6 4	PAS S
N77-3450-3550	30	80	DFT- PI2BPSK	L	Outer_Full	25.2 2	24.3 3	27.8 1	21.7 1	PAS S
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Lef t	26.5 2	25.5 6	29.0 8	22.9 8	PAS S
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Rig ht	26.0 1	25.2 7	28.6 7	22.5 7	PAS S
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	24.6 2	23.6 9	27.1 9	21.0 9	PAS S
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Lef t	25.7 7	24.6 9	28.2 7	22.1 7	PAS S
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Rig ht	25.3 3	24.1 7	27.8	21.7	PAS S
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	23.7 5	22.8 1	26.3 2	20.2 2	PAS S
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Lef t	23.6 5	22.6	26.1 7	20.0 7	PAS S
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Rig ht	23.1 7	22.1 1	25.6 8	19.5 8	PAS S
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.2 7	22.3 3	25.8 4	19.7 4	PAS S
N77-3450-3550	30	80	DFT- 256QAM	L	Inner_1RB_Lef t	20.7 8	19.9 1	23.3 8	17.2 8	PAS S
N77-3450-3550	30	80	DFT- 256QAM	L	Inner_1RB_Rig ht	20.3 9	19.3 6	22.9 2	16.8 2	PAS S



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N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	21.08	20.15	23.65	17.55	PAS S
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Left	25.32	23.44	27.49	21.39	PAS S
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Right	24.6	23.62	27.15	21.05	PAS S
N77-3450-3550	30	80	CP-QPSK	L	Outer_Full	22.6	21.38	25.04	18.94	PAS S
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Left	24.67	23.02	26.93	20.83	PAS S
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Right	24.41	23.29	26.9	20.8	PAS S
N77-3450-3550	30	80	CP-16QAM	L	Outer_Full	22.63	21.34	25.04	18.94	PAS S
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Left	22.81	21.17	25.08	18.98	PAS S
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Right	22.33	21.44	24.92	18.82	PAS S
N77-3450-3550	30	80	CP-64QAM	L	Outer_Full	22.15	20.87	24.57	18.47	PAS S
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Left	19.47	17.85	21.75	15.65	PAS S
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Right	18.75	17.89	21.35	15.25	PAS S
N77-3450-3550	30	80	CP-256QAM	L	Outer_Full	19.13	17.92	21.58	15.48	PAS S
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.47	25.74	29.13	23.03	PAS S
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.78	25.43	28.62	22.52	PAS S
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	25.19	24.3	27.78	21.68	PAS S
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.38	25.42	28.94	22.84	PAS S
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	26.01	25.27	28.67	22.57	PAS S
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	24.61	23.68	27.18	21.08	PAS S



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N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.75	24.67	28.25	22.15	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	25.31	24.15	27.78	21.68	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	23.64	22.7	26.21	20.11	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	23.49	22.44	26.01	19.91	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	23.14	22.08	25.65	19.55	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	23.28	22.34	25.85	19.75	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	20.88	20.01	23.48	17.38	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	20.43	19.4	22.96	16.86	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	21.22	20.29	23.79	17.69	PASS
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Left	25.02	23.83	27.48	21.38	PASS
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Right	24.48	23.31	26.94	20.84	PASS
N77-3450-3550	30	80	CP-QPSK	M	Outer_Full	22.36	21.36	24.9	18.8	PASS
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Left	24.72	23.51	27.17	21.07	PASS
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Right	24.22	22.87	26.61	20.51	PASS
N77-3450-3550	30	80	CP-16QAM	M	Outer_Full	22.43	21.36	24.94	18.84	PASS
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Left	22.61	21.49	25.1	19	PASS
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Right	22.22	21.21	24.75	18.65	PASS
N77-3450-3550	30	80	CP-64QAM	M	Outer_Full	21.95	20.88	24.46	18.36	PASS
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Left	19.14	18.27	21.74	15.64	PASS



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N77-3450-3550	30	80	CP-256QAM	M	Outer_Full	18.9 8	17.9 5	21.5 1	15.4 1	PAS S
N77-3450-3550	30	80	DFT- PI2BPSK	H	Inner_1RB_Lef t	26.6 2	25.8 9	29.2 8	23.1 8	PAS S
N77-3450-3550	30	80	DFT- PI2BPSK	H	Inner_1RB_Rig ht	25.8 3	25.4 8	28.6 7	22.5 7	PAS S
N77-3450-3550	30	80	DFT- PI2BPSK	H	Outer_Full	25.2 4	24.3 5	27.8 3	21.7 3	PAS S
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Lef t	26.5 3	25.5 7	29.0 9	22.9 9	PAS S
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Rig ht	25.9 2	25.1 8	28.5 8	22.4 8	PAS S
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	24.6 6	23.7 3	27.2 3	21.1 3	PAS S
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Lef t	25.8	24.7 2	28.3	22.2	PAS S
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Rig ht	25.2 8	24.1 2	27.7 5	21.6 5	PAS S
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	23.6	22.6 6	26.1 7	20.0 7	PAS S
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Lef t	23.6 6	22.6 1	26.1 8	20.0 8	PAS S
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Rig ht	23.2 4	22.1 8	25.7 5	19.6 5	PAS S
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	23.2 5	22.3 1	25.8 2	19.7 2	PAS S
N77-3450-3550	30	80	DFT- 256QAM	H	Inner_1RB_Lef t	20.8 1	19.9 4	23.4 1	17.3 1	PAS S
N77-3450-3550	30	80	DFT- 256QAM	H	Inner_1RB_Rig ht	20.4 1	19.3 8	22.9 4	16.8 4	PAS S
N77-3450-3550	30	80	DFT- 256QAM	H	Outer_Full	21.2 4	20.3 1	23.8 1	17.7 1	PAS S
N77-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Lef t	25.1 7	24.2 1	27.7 3	21.6 3	PAS S
N77-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Rig ht	24.5 4	23.6 9	27.1 5	21.0 5	PAS S



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N77-3450-3550	30	80	CP-QPSK	H	Outer_Full	22.3 8	21.2 8	24.8 8	18.7 8	PAS S
N77-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Lef t	24.6 3	23.7 8	27.2 4	21.1 4	PAS S
N77-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Rig ht	24.1 1	23.2 6	26.7 2	20.6 2	PAS S
N77-3450-3550	30	80	CP-16QAM	H	Outer_Full	22.3 3	21.2 7	24.8 4	18.7 4	PAS S
N77-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Lef t	22.8	21.9 6	25.4 1	19.3 1	PAS S
N77-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Rig ht	22.1 1	21.3 2	24.7 4	18.6 4	PAS S
N77-3450-3550	30	80	CP-64QAM	H	Outer_Full	21.8 8	20.8 5	24.4 1	18.3 1	PAS S
N77-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Lef t	18.9 2	18.5 8	21.7 6	15.6 6	PAS S
N77-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Rig ht	18.4 4	17.6 3	21.0 6	14.9 6	PAS S
N77-3450-3550	30	80	CP-256QAM	H	Outer_Full	18.9 5	17.8 7	21.4 5	15.3 5	PAS S
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Lef t	26.5 4	25.8 1	29.2	23.1	PAS S
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Rig ht	25.8 6	25.5 1	28.7	22.6	PAS S
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	25.2 2	24.3 3	27.8 1	21.7 1	PAS S
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Lef t	26.4 5	25.4 9	29.0 1	22.9 1	PAS S
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Rig ht	25.9	25.1 6	28.5 6	22.4 6	PAS S
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	24.7 7	23.8 4	27.3 4	21.2 4	PAS S
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Lef t	25.8 5	24.7 7	28.3 5	22.2 5	PAS S
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Rig ht	25.3 7	24.2 1	27.8 4	21.7 4	PAS S
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	23.7	22.7 6	26.2 7	20.1 7	PAS S



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N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Left	23.67	22.62	26.19	20.09	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	23.16	22.1	25.67	19.57	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	23.31	22.37	25.88	19.78	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	20.87	20	23.47	17.37	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	20.4	19.37	22.93	16.83	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	21.23	20.3	23.8	17.7	PASS
N77-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Left	25.15	23.41	27.38	21.28	PASS
N77-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Right	24.64	23.33	27.04	20.94	PASS
N77-3450-3550	30	90	CP-QPSK	L	Outer_Full	22.54	21.31	24.98	18.88	PASS
N77-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Left	24.6	22.88	26.83	20.73	PASS
N77-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Right	24.35	23.04	26.75	20.65	PASS
N77-3450-3550	30	90	CP-16QAM	L	Outer_Full	22.52	21.33	24.98	18.88	PASS
N77-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Left	22.73	21.22	25.05	18.95	PASS
N77-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Right	22.31	21.1	24.76	18.66	PASS
N77-3450-3550	30	90	CP-64QAM	L	Outer_Full	22.08	20.86	24.52	18.42	PASS
N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Left	19.19	17.63	21.49	15.39	PASS
N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Right	18.77	17.67	21.27	15.17	PASS
N77-3450-3550	30	90	CP-256QAM	L	Outer_Full	19.09	17.87	21.53	15.43	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.47	25.74	29.13	23.03	PASS



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N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	25.91	25.56	28.75	22.65	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	25.18	24.29	27.77	21.67	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.48	25.52	29.04	22.94	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	25.9	25.16	28.56	22.46	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	24.69	23.76	27.26	21.16	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	25.64	24.56	28.14	22.04	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	25.23	24.07	27.7	21.6	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	23.7	22.76	26.27	20.17	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	23.67	22.62	26.19	20.09	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	23.21	22.15	25.72	19.62	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	23.23	22.29	25.8	19.7	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	20.77	19.9	23.37	17.27	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	20.49	19.46	23.02	16.92	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	21.16	20.23	23.73	17.63	PASS
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Left	25.15	23.65	27.47	21.37	PASS
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Right	24.37	23.48	26.96	20.86	PASS
N77-3450-3550	30	90	CP-QPSK	M	Outer_Full	22.41	21.35	24.92	18.82	PASS
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Left	24.51	23.05	26.85	20.75	PASS
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Right	24.22	23.22	26.76	20.66	PASS



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N77-3450-3550	30	90	CP-16QAM	M	Outer_Full	22.4 3	21.3 6	24.9 4	18.8 4	PAS S
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Lef t	22.8	21.1 9	25.0 8	18.9 8	PAS S
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Rig ht	22.1 1	21.2 4	24.7 1	18.6 1	PAS S
N77-3450-3550	30	90	CP-64QAM	M	Outer_Full	21.9 4	20.8 8	24.4 5	18.3 5	PAS S
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Lef t	19.0 3	18.0 9	21.6	15.5	PAS S
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Rig ht	18.4 1	17.5 3	21	14.9	PAS S
N77-3450-3550	30	90	CP-256QAM	M	Outer_Full	19.0 1	17.9 1	21.5 1	15.4 1	PAS S
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Lef t	26.5 2	25.7 9	29.1 8	23.0 8	PAS S
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Rig ht	25.7 9	25.4 4	28.6 3	22.5 3	PAS S
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	25.2 7	24.3 8	27.8 6	21.7 6	PAS S
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Lef t	26.5 3	25.5 7	29.0 9	22.9 9	PAS S
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Rig ht	26.0 9	25.3 5	28.7 5	22.6 5	PAS S
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	24.6 9	23.7 6	27.2 6	21.1 6	PAS S
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Lef t	25.7 4	24.6 6	28.2 4	22.1 4	PAS S
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Rig ht	25.3 5	24.1 9	27.8 2	21.7 2	PAS S
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	23.6 6	22.7 2	26.2 3	20.1 3	PAS S
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Lef t	23.6 6	22.6 1	26.1 8	20.0 8	PAS S
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Rig ht	23.2 3	22.1 7	25.7 4	19.6 4	PAS S
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	23.3 3	22.3 9	25.9	19.8	PAS S



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N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	20.39	19.36	22.92	16.82	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	21.23	20.3	23.8	17.7	PASS
N77-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Left	25.17	23.97	27.62	21.52	PASS
N77-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Right	24.52	23.62	27.1	21	PASS
N77-3450-3550	30	90	CP-QPSK	H	Outer_Full	22.41	21.37	24.93	18.83	PASS
N77-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Left	24.77	23.57	27.22	21.12	PASS
N77-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Right	24.09	23.25	26.7	20.6	PASS
N77-3450-3550	30	90	CP-16QAM	H	Outer_Full	22.36	21.35	24.89	18.79	PASS
N77-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Left	22.86	21.61	25.29	19.19	PASS
N77-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Right	22.24	21.46	24.88	18.78	PASS
N77-3450-3550	30	90	CP-64QAM	H	Outer_Full	21.96	20.9	24.47	18.37	PASS
N77-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Left	19.07	17.98	21.57	15.47	PASS
N77-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Right	18.66	18	21.35	15.25	PASS
N77-3450-3550	30	90	CP-256QAM	H	Outer_Full	18.92	17.94	21.47	15.37	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.52	25.79	29.18	23.08	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.95	25.69	28.79	22.69	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	25.22	24.33	27.81	21.71	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.47	25.51	29.03	22.93	PASS



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N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Rig ht	26	25.2 6	28.6 6	22.5 6	PAS S
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	24.7 2	23.7 9	27.2 9	21.1 9	PAS S
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Lef t	25.8 5	24.7 7	28.3 5	22.2 5	PAS S
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Rig ht	25.3 8	24.2 2	27.8 5	21.7 5	PAS S
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	23.6 2	22.6 8	26.1 9	20.0 9	PAS S
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Lef t	23.5 4	22.4 9	26.0 6	19.9 6	PAS S
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Rig ht	23.2 1	22.1 5	25.7 2	19.6 2	PAS S
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	23.2 8	22.3 4	25.8 5	19.7 5	PAS S
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Lef t	20.9	20.0 3	23.5	17.4	PAS S
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Rig ht	20.3 8	19.3 5	22.9 1	16.8 1	PAS S
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	21.2	20.2 7	23.7 7	17.6 7	PAS S
N77-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Lef t	25.1 8	23.4 9	27.4 3	21.3 3	PAS S
N77-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Rig ht	24.4 7	23.7	27.1 1	21.0 1	PAS S
N77-3450-3550	30	100	CP-QPSK	L	Outer_Full	22.4 2	21.3 2	24.9 2	18.8 2	PAS S
N77-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Lef t	24.8	23.1 4	27.0 6	20.9 6	PAS S
N77-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Rig ht	24.1	23.2 9	26.7 2	20.6 2	PAS S
N77-3450-3550	30	100	CP-16QAM	L	Outer_Full	22.4 1	21.3 6	24.9 3	18.8 3	PAS S
N77-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Lef t	22.7 9	21.2 3	25.0 9	18.9 9	PAS S
N77-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Rig ht	22.0 6	21.3 4	24.7 3	18.6 3	PAS S



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N77-3450-3550	30	100	CP-64QAM	L	Outer_Full	21.9 4	20.8 3	24.4 3	18.3 3	PAS S
N77-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Lef t	19.2	17.6 2	21.4 9	15.3 9	PAS S
N77-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Rig ht	18.5 6	17.9 3	21.2 7	15.1 7	PAS S
N77-3450-3550	30	100	CP-256QAM	L	Outer_Full	18.9 5	17.9	21.4 7	15.3 7	PAS S
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Lef t	26.5 9	25.8 6	29.2 5	23.1 5	PAS S
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.7 6	25.4 1	28.6	22.5	PAS S
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	25.2 6	24.3 7	27.8 5	21.7 5	PAS S
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Lef t	26.3 7	25.4 1	28.9 3	22.8 3	PAS S
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Rig ht	25.9 3	25.1 9	28.5 9	22.4 9	PAS S
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	24.7 3	23.8	27.3	21.2	PAS S
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Lef t	25.7 2	24.6 4	28.2 2	22.1 2	PAS S
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Rig ht	25.3 7	24.2 1	27.8 4	21.7 4	PAS S
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	23.7 8	22.8 4	26.3 5	20.2 5	PAS S
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Lef t	23.5 7	22.5 2	26.0 9	19.9 9	PAS S
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Rig ht	23.1 7	22.1 1	25.6 8	19.5 8	PAS S
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	23.2	22.2 6	25.7 7	19.6 7	PAS S
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Lef t	20.9 6	20.0 9	23.5 6	17.4 6	PAS S
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Rig ht	20.3 9	19.3 6	22.9 2	16.8 2	PAS S
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	21.1 4	20.2 1	23.7 1	17.6 1	PAS S



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N77-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Left	25.11	23.5	27.39	21.29	PASS
N77-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Right	24.36	23.59	27	20.9	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	22.43	21.35	24.93	18.83	PASS
N77-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Left	24.53	23.09	26.88	20.78	PASS
N77-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Right	24.11	23.36	26.76	20.66	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	22.4	21.33	24.91	18.81	PASS
N77-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Left	22.72	21.15	25.02	18.92	PASS
N77-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Right	22.02	21.32	24.69	18.59	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	21.96	20.87	24.46	18.36	PASS
N77-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Left	19.16	17.77	21.53	15.43	PASS
N77-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Right	18.64	17.91	21.3	15.2	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	19.02	17.85	21.48	15.38	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.52	25.79	29.18	23.08	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.94	25.59	28.78	22.68	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	25.08	24.19	27.67	21.57	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.47	25.51	29.03	22.93	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	25.97	25.23	28.63	22.53	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	24.58	23.65	27.15	21.05	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.71	24.63	28.21	22.11	PASS



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N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Rig ht	25.4 2	24.2 6	27.8 9	21.7 9	PAS S
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	23.5 9	22.6 5	26.1 6	20.0 6	PAS S
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Lef t	23.5 6	22.5 1	26.0 8	19.9 8	PAS S
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Rig ht	23.2	22.1 4	25.7 1	19.6 1	PAS S
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	23.1 6	22.2 2	25.7 3	19.6 3	PAS S
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Lef t	20.7 7	19.9	23.3 7	17.2 7	PAS S
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Rig ht	20.2 7	19.2 4	22.8	16.7	PAS S
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.0 9	20.1 6	23.6 6	17.5 6	PAS S
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Lef t	25.0 7	23.4 9	27.3 6	21.2 6	PAS S
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Rig ht	24.4 5	23.6 8	27.0 9	20.9 9	PAS S
N77-3450-3550	30	100	CP-QPSK	H	Outer_Full	22.4 5	21.3 7	24.9 5	18.8 5	PAS S
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Lef t	24.6 5	22.8 8	26.8 6	20.7 6	PAS S
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Rig ht	24.1 1	23.3 7	26.7 7	20.6 7	PAS S
N77-3450-3550	30	100	CP-16QAM	H	Outer_Full	22.4 7	21.3 5	24.9 6	18.8 6	PAS S
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Lef t	22.7	21.2	25.0 2	18.9 2	PAS S
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Rig ht	22.1 5	21.4 5	24.8 2	18.7 2	PAS S
N77-3450-3550	30	100	CP-64QAM	H	Outer_Full	22.0 1	20.8 5	24.4 8	18.3 8	PAS S
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Lef t	19.1 1	17.6 9	21.4 7	15.3 7	PAS S
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Rig ht	18.5 3	17.8	21.1 9	15.0 9	PAS S



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N77-3450-3550	30	100	CP-256QAM	H	Outer_Full	19	17.88	21.49	15.39	PAS S
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Field Strength of Spurious Radiation

Test Band = SA Band 77 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	5898.1667	58.53	-104.42	-45.89	-13.00	32.89	263	51	Horizontal
2	6810.18	51.27	-101.85	-50.58	-13.00	37.58	145	352	Horizontal
3	9829.8333	57.38	-93.81	-36.43	-13.00	23.43	263	357	Horizontal
4	13620.36	44.99	-89.80	-44.81	-13.00	31.81	241	41	Horizontal
5	17025.45	41.80	-88.48	-46.68	-13.00	33.68	178	133	Horizontal
6	17694.3333	47.88	-84.98	-37.10	-13.00	24.10	265	352	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.47	-104.42	-46.95	-13.00	33.95	263	132	Vertical
2	6810.18	49.24	-101.85	-52.61	-13.00	39.61	251	213	Vertical
3	9829.8333	59.51	-93.81	-34.30	-13.00	21.30	174	122	Vertical
4	13620.36	42.46	-89.80	-47.34	-13.00	34.34	400	336	Vertical
5	17025.45	41.84	-88.48	-46.64	-13.00	33.64	263	12	Vertical
6	17694.3333	44.22	-84.98	-40.76	-13.00	27.76	254	360	Vertical



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Test Band = SA Band 77 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	6910.18	47.60	-101.41	-53.81	-13.00	40.81	251	152	Horizontal
2	9829.8333	55.30	-93.81	-38.51	-13.00	25.51	147	174	Horizontal
3	10365.27	42.81	-92.99	-50.18	-13.00	37.18	156	102	Horizontal
4	11796.8333	51.86	-91.87	-40.01	-13.00	27.01	352	32	Horizontal
5	13820.36	43.47	-90.30	-46.83	-13.00	33.83	241	3	Horizontal
6	17694.3333	49.35	-84.98	-35.63	-13.00	22.63	178	351	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.62	-101.41	-53.79	-13.00	40.79	263	360	Vertical
2	9829.8333	58.59	-93.81	-35.22	-13.00	22.22	251	329	Vertical
3	10365.27	42.27	-92.99	-50.72	-13.00	37.72	174	318	Vertical
4	11796.833	55.16	-91.87	-36.71	-13.00	23.71	265	227	Vertical
5	13820.36	42.66	-90.30	-47.64	-13.00	34.64	241	135	Vertical
6	17275.45	39.18	-87.38	-48.20	-13.00	35.20	188	124	Vertical



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Test Band = SA Band 77 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	7010.18	48.41	-101.46	-53.05	-13.00	40.05	263	245	Horizontal
2	9829.8333	57.74	-93.81	-36.07	-13.00	23.07	241	135	Horizontal
3	10515.27	43.30	-92.59	-49.29	-13.00	36.29	265	338	Horizontal
4	14020.36	41.48	-90.28	-48.80	-13.00	35.80	241	53	Horizontal
5	17525.45	39.15	-86.44	-47.29	-13.00	34.29	142	145	Horizontal
6	17694.3333	48.10	-84.98	-36.88	-13.00	23.88	260	353	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.02	-101.46	-53.44	-13.00	40.44	241	73	Vertical
2	9829.8333	58.28	-93.81	-35.53	-13.00	22.53	175	133	Vertical
3	10515.27	42.82	-92.59	-49.77	-13.00	36.77	268	335	Vertical
4	14020.36	42.70	-90.28	-47.58	-13.00	34.58	241	201	Vertical
5	17525.45	38.62	-86.44	-47.82	-13.00	34.82	185	192	Vertical
6	17694.3333	44.87	-84.98	-40.11	-13.00	27.11	255	360	Vertical



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Test Band = UL MIMO n77 3450M-3550M_ TM1
Test Channel = Mid Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8747.2917	37.51	-39.11	38.32	-58.54	-13.00	45.54	296	167	Horizontal
2	12205.9167	33.81	-35.17	38.81	-57.81	-13.00	44.81	265	129	Horizontal
3	6910.2	39.75	-42.17	36.02	-61.66	-13.00	48.66	284	3	Horizontal
4	10365.3	32.74	-36.63	38.90	-60.25	-13.00	47.25	142	261	Horizontal
5	13820.4	33.36	-35.13	40.09	-56.94	-13.00	43.94	263	224	Horizontal
6	17275.5	31.51	-31.82	39.70	-55.87	-13.00	42.87	228	71	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8514.4167	37.79	-39.67	38.07	-59.07	-13.00	46.07	150	71	Vertical
2	11735.375	33.83	-35.05	38.86	-57.61	-13.00	44.61	150	276	Vertical
3	6910.2	39.64	-42.17	36.02	-61.77	-13.00	48.77	150	360	Vertical
4	10365.3	32.44	-36.63	38.90	-60.55	-13.00	47.55	150	147	Vertical
5	13820.4	33.20	-35.13	40.09	-57.10	-13.00	44.10	150	71	Vertical
6	17275.5	31.73	-31.82	39.70	-55.65	-13.00	42.65	150	52	Vertical



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Test Band = DC_5A-n77A 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	6810.18	49.37	-101.85	-52.48	-13.00	39.48	263	105	Horizontal
2	8191.8333	49.86	-97.74	-47.88	-13.00	34.88	241	177	Horizontal
3	10215.27	43.73	-93.16	-49.43	-13.00	36.43	175	166	Horizontal
4	11826	44.80	-91.78	-46.98	-13.00	33.98	263	157	Horizontal
5	13620.36	42.98	-89.80	-46.82	-13.00	33.82	284	25	Horizontal
6	17025.45	41.35	-88.48	-47.13	-13.00	34.13	177	287	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.45	-104.42	-46.97	-13.00	33.97	263	116	Vertical
2	6810.18	49.83	-101.85	-52.02	-13.00	39.02	241	238	Vertical
3	8813.6667	48.44	-95.81	-47.37	-13.00	34.37	175	36	Vertical
4	10215.27	43.86	-93.16	-49.30	-13.00	36.30	263	116	Vertical
5	13620.36	42.74	-89.80	-47.06	-13.00	34.06	255	0	Vertical
6	17025.45	41.61	-88.48	-46.87	-13.00	33.87	144	1	Vertical



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Test Band = DC_5A-n77A 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	5898.1667	55.94	-104.42	-48.48	-13.00	35.48	263	116	Horizontal
2	6910.18	48.42	-101.41	-52.99	-13.00	39.99	241	85	Horizontal
3	8159.1667	49.81	-97.80	-47.99	-13.00	34.99	175	246	Horizontal
4	10365.27	43.05	-92.99	-49.94	-13.00	36.94	263	286	Horizontal
5	13820.36	42.83	-90.30	-47.47	-13.00	34.47	241	16	Horizontal
6	17275.45	39.84	-87.38	-47.54	-13.00	34.54	185	256	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.16	-101.41	-54.25	-13.00	41.25	263	259	Vertical
2	7621.3333	51.29	-99.77	-48.48	-13.00	35.48	284	36	Vertical
3	10365.27	43.56	-92.99	-49.43	-13.00	36.43	176	209	Vertical
4	13820.36	43.35	-90.30	-46.95	-13.00	33.95	296	299	Vertical
5	17275.45	38.70	-87.38	-48.68	-13.00	35.68	241	126	Vertical
6	17863.5	42.40	-84.28	-41.88	-13.00	28.88	188	4	Vertical



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