Appendix-B NR Band n77n78(3700-3980)

Effective (Isotropic) Radiated Power Output Data

Maximum Conducted Power Test Result

Band	SCS	Bandwidth	Channel	Modulation	RB Conf	Ant1	Ant8	Result
n77(3700-3980)	30	10	L	DFT-BPSK	Outer_Full	23.5	23.13	26.33
n77(3700-3980)	30	10	L	DFT-BPSK	Inner_Full	24.72	24.4	27.57
n77(3700-3980)	30	10	L	DFT-BPSK	Inner_1RB_Left	24.52	24.46	27.50
n77(3700-3980)	30	10	L	DFT-BPSK	Inner_1RB_Right	24.62	24.48	27.56
n77(3700-3980)	30	10	L	DFT-QPSK	Outer_Full	22.14	21.26	24.73
n77(3700-3980)	30	10	L	DFT-QPSK	Inner_Full	24.08	23.17	26.66
n77(3700-3980)	30	10	L	DFT-QPSK	Inner_1RB_Left	24.11	23.01	26.61
n77(3700-3980)	30	10	L	DFT-QPSK	Inner_1RB_Right	24	23.12	26.59
n77(3700-3980)	30	10	L	DFT-16QAM	Outer_Full	21.6	21.12	24.38
n77(3700-3980)	30	10	L	DFT-16QAM	Inner_Full	22.6	22.11	25.37
n77(3700-3980)	30	10	L	DFT-16QAM	Inner_1RB_Left	22.74	22.15	25.47
n77(3700-3980)	30	10	L	DFT-16QAM	Inner_1RB_Right	22.58	22.16	25.39
n77(3700-3980)	30	10	L	DFT-64QAM	Outer_Full	20.77	20.2	23.50
n77(3700-3980)	30	10	L	DFT-64QAM	Inner_Full	21.62	21.27	24.46
n77(3700-3980)	30	10	L	DFT-64QAM	Inner_1RB_Left	21.86	21.22	24.56
n77(3700-3980)	30	10	L	DFT-64QAM	Inner_1RB_Right	21.72	21.22	24.49
n77(3700-3980)	30	10	L	DFT-256QAM	Outer_Full	18.84	18.59	21.73
n77(3700-3980)	30	10	L	DFT-256QAM	Inner_Full	18.96	18.52	21.76
n77(3700-3980)	30	10	L	DFT-256QAM	Inner_1RB_Left	18.9	18.55	21.74
n77(3700-3980)	30	10	L	DFT-256QAM	Inner_1RB_Right	18.94	18.58	21.77
n77(3700-3980)	30	10	M	DFT-BPSK	Outer_Full	23.69	23.25	26.49
n77(3700-3980)	30	10	M	DFT-BPSK	Inner_Full	24.64	24.27	27.47
n77(3700-3980)	30	10	M	DFT-BPSK	Inner_1RB_Left	24.6	24.35	27.49
n77(3700-3980)	30	10	M	DFT-BPSK	Inner_1RB_Right	24.62	24.23	27.44

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n77(3700-3980)	30	10	M	DFT-QPSK	Outer_Full	22.14	21.22	24.71
n77(3700-3980)	30	10	M	DFT-QPSK	Inner_Full	24.07	23.23	26.68
n77(3700-3980)	30	10	M	DFT-QPSK	Inner_1RB_Left	24.01	23.18	26.63
n77(3700-3980)	30	10	M	DFT-QPSK	Inner_1RB_Right	24	23.21	26.63
n77(3700-3980)	30	10	M	DFT-16QAM	Outer_Full	21.61	21.21	24.42
n77(3700-3980)	30	10	M	DFT-16QAM	Inner_Full	22.59	22.21	25.41
n77(3700-3980)	30	10	M	DFT-16QAM	Inner_1RB_Left	22.58	22.18	25.39
n77(3700-3980)	30	10	M	DFT-16QAM	Inner_1RB_Right	22.52	22.17	25.36
n77(3700-3980)	30	10	M	DFT-64QAM	Outer_Full	20.74	20.21	23.49
n77(3700-3980)	30	10	M	DFT-64QAM	Inner_Full	21.6	21.17	24.40
n77(3700-3980)	30	10	M	DFT-64QAM	Inner_1RB_Left	21.6	21.1	24.37
n77(3700-3980)	30	10	M	DFT-64QAM	Inner_1RB_Right	21.87	21.2	24.56
n77(3700-3980)	30	10	M	DFT-256QAM	Outer_Full	18.8	18.45	21.64
n77(3700-3980)	30	10	M	DFT-256QAM	Inner_Full	18.81	18.39	21.62
n77(3700-3980)	30	10	M	DFT-256QAM	Inner_1RB_Left	18.94	18.62	21.79
n77(3700-3980)	30	10	M	DFT-256QAM	Inner_1RB_Right	18.99	18.67	21.84
n77(3700-3980)	30	10	H	DFT-BPSK	Outer_Full	23.67	23.14	26.42
n77(3700-3980)	30	10	H	DFT-BPSK	Inner_Full	24.52	24.33	27.44
n77(3700-3980)	30	10	H	DFT-BPSK	Inner_1RB_Left	24.53	24.47	27.51
n77(3700-3980)	30	10	H	DFT-BPSK	Inner_1RB_Right	24.52	24.31	27.43
n77(3700-3980)	30	10	H	DFT-QPSK	Outer_Full	22.12	21.35	24.76
n77(3700-3980)	30	10	H	DFT-QPSK	Inner_Full	24.14	23.19	26.70
n77(3700-3980)	30	10	H	DFT-QPSK	Inner_1RB_Left	24.17	23.17	26.71
n77(3700-3980)	30	10	H	DFT-QPSK	Inner_1RB_Right	24.15	23.19	26.71
n77(3700-3980)	30	10	H	DFT-16QAM	Outer_Full	21.5	21.02	24.28
n77(3700-3980)	30	10	H	DFT-16QAM	Inner_Full	22.65	22.05	25.37
n77(3700-3980)	30	10	H	DFT-16QAM	Inner_1RB_Left	22.76	22.08	25.44
n77(3700-3980)	30	10	H	DFT-16QAM	Inner_1RB_Right	22.7	22.27	25.50
n77(3700-3980)	30	10	H	DFT-64QAM	Outer_Full	20.73	20.32	23.54
n77(3700-3980)	30	10	H	DFT-64QAM	Inner_Full	21.84	21.22	24.55

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n77(3700-3980)	30	10	H	DFT-64QAM	Inner_1RB_Left	21.8	21.16	24.50
n77(3700-3980)	30	10	H	DFT-64QAM	Inner_1RB_Right	21.75	21.05	24.42
n77(3700-3980)	30	10	H	DFT-256QAM	Outer_Full	18.96	18.57	21.78
n77(3700-3980)	30	10	H	DFT-256QAM	Inner_Full	18.8	18.52	21.67
n77(3700-3980)	30	10	H	DFT-256QAM	Inner_1RB_Left	18.95	18.56	21.77
n77(3700-3980)	30	10	H	DFT-256QAM	Inner_1RB_Right	18.91	18.39	21.67
n77(3700-3980)	30	15	L	DFT-BPSK	Outer_Full	23.59	23.1	26.36
n77(3700-3980)	30	15	L	DFT-BPSK	Inner_Full	24.66	24.21	27.45
n77(3700-3980)	30	15	L	DFT-BPSK	Inner_1RB_Left	24.71	24.51	27.62
n77(3700-3980)	30	15	L	DFT-BPSK	Inner_1RB_Right	24.69	24.37	27.54
n77(3700-3980)	30	15	L	DFT-QPSK	Outer_Full	22.14	21.34	24.77
n77(3700-3980)	30	15	L	DFT-QPSK	Inner_Full	24.07	23.16	26.65
n77(3700-3980)	30	15	L	DFT-QPSK	Inner_1RB_Left	24.03	23.19	26.64
n77(3700-3980)	30	15	L	DFT-QPSK	Inner_1RB_Right	24.02	23.06	26.58
n77(3700-3980)	30	15	L	DFT-16QAM	Outer_Full	21.64	20.97	24.33
n77(3700-3980)	30	15	L	DFT-16QAM	Inner_Full	22.49	22.03	25.28
n77(3700-3980)	30	15	L	DFT-16QAM	Inner_1RB_Left	22.72	22.08	25.42
n77(3700-3980)	30	15	L	DFT-16QAM	Inner_1RB_Right	22.45	22.06	25.27
n77(3700-3980)	30	15	L	DFT-64QAM	Outer_Full	20.89	20.31	23.62
n77(3700-3980)	30	15	L	DFT-64QAM	Inner_Full	21.53	21.39	24.47
n77(3700-3980)	30	15	L	DFT-64QAM	Inner_1RB_Left	21.76	21.13	24.47
n77(3700-3980)	30	15	L	DFT-64QAM	Inner_1RB_Right	21.84	21.35	24.61
n77(3700-3980)	30	15	L	DFT-256QAM	Outer_Full	19.01	18.47	21.76
n77(3700-3980)	30	15	L	DFT-256QAM	Inner_Full	18.91	18.33	21.64
n77(3700-3980)	30	15	L	DFT-256QAM	Inner_1RB_Left	18.81	18.45	21.64
n77(3700-3980)	30	15	L	DFT-256QAM	Inner_1RB_Right	18.9	18.46	21.70
n77(3700-3980)	30	15	M	DFT-BPSK	Outer_Full	23.51	23.23	26.38
n77(3700-3980)	30	15	M	DFT-BPSK	Inner_Full	24.57	24.48	27.54
n77(3700-3980)	30	15	M	DFT-BPSK	Inner_1RB_Left	24.5	24.38	27.45
n77(3700-3980)	30	15	M	DFT-BPSK	Inner_1RB_Right	24.56	24.31	27.45

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n77(3700-3980)	30	15	M	DFT-QPSK	Outer_Full	22.03	21.25	24.67
n77(3700-3980)	30	15	M	DFT-QPSK	Inner_Full	24.02	23.07	26.58
n77(3700-3980)	30	15	M	DFT-QPSK	Inner_1RB_Left	24.08	23.26	26.70
n77(3700-3980)	30	15	M	DFT-QPSK	Inner_1RB_Right	24.07	23.01	26.58
n77(3700-3980)	30	15	M	DFT-16QAM	Outer_Full	21.44	21.05	24.26
n77(3700-3980)	30	15	M	DFT-16QAM	Inner_Full	22.59	22.14	25.38
n77(3700-3980)	30	15	M	DFT-16QAM	Inner_1RB_Left	22.5	22.11	25.32
n77(3700-3980)	30	15	M	DFT-16QAM	Inner_1RB_Right	22.41	22.11	25.27
n77(3700-3980)	30	15	M	DFT-64QAM	Outer_Full	20.85	20.24	23.57
n77(3700-3980)	30	15	M	DFT-64QAM	Inner_Full	21.48	21.17	24.34
n77(3700-3980)	30	15	M	DFT-64QAM	Inner_1RB_Left	21.68	21.28	24.49
n77(3700-3980)	30	15	M	DFT-64QAM	Inner_1RB_Right	21.85	21.08	24.49
n77(3700-3980)	30	15	M	DFT-256QAM	Outer_Full	18.98	18.42	21.72
n77(3700-3980)	30	15	M	DFT-256QAM	Inner_Full	18.89	18.31	21.62
n77(3700-3980)	30	15	M	DFT-256QAM	Inner_1RB_Left	18.87	18.64	21.77
n77(3700-3980)	30	15	M	DFT-256QAM	Inner_1RB_Right	18.83	18.51	21.68
n77(3700-3980)	30	15	H	DFT-BPSK	Outer_Full	23.52	23.01	26.28
n77(3700-3980)	30	15	H	DFT-BPSK	Inner_Full	24.6	24.33	27.48
n77(3700-3980)	30	15	H	DFT-BPSK	Inner_1RB_Left	24.58	24.35	27.48
n77(3700-3980)	30	15	H	DFT-BPSK	Inner_1RB_Right	24.57	24.37	27.48
n77(3700-3980)	30	15	H	DFT-QPSK	Outer_Full	22.07	21.32	24.72
n77(3700-3980)	30	15	H	DFT-QPSK	Inner_Full	24.02	23.19	26.64
n77(3700-3980)	30	15	H	DFT-QPSK	Inner_1RB_Left	24.04	23.13	26.62
n77(3700-3980)	30	15	H	DFT-QPSK	Inner_1RB_Right	24.05	23.29	26.70
n77(3700-3980)	30	15	H	DFT-16QAM	Outer_Full	21.63	20.87	24.28
n77(3700-3980)	30	15	H	DFT-16QAM	Inner_Full	22.44	22.26	25.36
n77(3700-3980)	30	15	H	DFT-16QAM	Inner_1RB_Left	22.49	22.02	25.27
n77(3700-3980)	30	15	H	DFT-16QAM	Inner_1RB_Right	22.6	22.16	25.40
n77(3700-3980)	30	15	H	DFT-64QAM	Outer_Full	20.61	20.21	23.42
n77(3700-3980)	30	15	H	DFT-64QAM	Inner_Full	21.58	21.38	24.49

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n77(3700-3980)	30	15	H	DFT-64QAM	Inner_1RB_Left	21.58	21.05	24.33
n77(3700-3980)	30	15	H	DFT-64QAM	Inner_1RB_Right	21.56	21.2	24.39
n77(3700-3980)	30	15	H	DFT-256QAM	Outer_Full	19.08	18.49	21.81
n77(3700-3980)	30	15	H	DFT-256QAM	Inner_Full	18.94	18.53	21.75
n77(3700-3980)	30	15	H	DFT-256QAM	Inner_1RB_Left	18.98	18.47	21.74
n77(3700-3980)	30	15	H	DFT-256QAM	Inner_1RB_Right	18.93	18.52	21.74
n77(3700-3980)	30	20	L	DFT-BPSK	Outer_Full	23.69	23.35	26.53
n77(3700-3980)	30	20	L	DFT-BPSK	Inner_Full	24.57	24.31	27.45
n77(3700-3980)	30	20	L	DFT-BPSK	Inner_1RB_Left	24.61	24.31	27.47
n77(3700-3980)	30	20	L	DFT-BPSK	Inner_1RB_Right	24.66	24.34	27.51
n77(3700-3980)	30	20	L	DFT-QPSK	Outer_Full	22.1	21.27	24.72
n77(3700-3980)	30	20	L	DFT-QPSK	Inner_Full	24.03	23.14	26.62
n77(3700-3980)	30	20	L	DFT-QPSK	Inner_1RB_Left	24.12	23.18	26.69
n77(3700-3980)	30	20	L	DFT-QPSK	Inner_1RB_Right	24.02	23.15	26.62
n77(3700-3980)	30	20	L	DFT-16QAM	Outer_Full	21.52	20.98	24.27
n77(3700-3980)	30	20	L	DFT-16QAM	Inner_Full	22.61	22.03	25.34
n77(3700-3980)	30	20	L	DFT-16QAM	Inner_1RB_Left	22.78	22.25	25.53
n77(3700-3980)	30	20	L	DFT-16QAM	Inner_1RB_Right	22.43	22.27	25.36
n77(3700-3980)	30	20	L	DFT-64QAM	Outer_Full	20.61	20.2	23.42
n77(3700-3980)	30	20	L	DFT-64QAM	Inner_Full	21.64	21.24	24.45
n77(3700-3980)	30	20	L	DFT-64QAM	Inner_1RB_Left	21.67	21.31	24.50
n77(3700-3980)	30	20	L	DFT-64QAM	Inner_1RB_Right	21.87	21.02	24.48
n77(3700-3980)	30	20	L	DFT-256QAM	Outer_Full	19.03	18.5	21.78
n77(3700-3980)	30	20	L	DFT-256QAM	Inner_Full	18.98	18.56	21.79
n77(3700-3980)	30	20	L	DFT-256QAM	Inner_1RB_Left	18.86	18.38	21.64
n77(3700-3980)	30	20	L	DFT-256QAM	Inner_1RB_Right	18.87	18.37	21.64
n77(3700-3980)	30	20	M	DFT-BPSK	Outer_Full	23.51	23.27	26.40
n77(3700-3980)	30	20	M	DFT-BPSK	Inner_Full	24.6	24.46	27.54
n77(3700-3980)	30	20	M	DFT-BPSK	Inner_1RB_Left	24.67	24.29	27.49
n77(3700-3980)	30	20	M	DFT-BPSK	Inner_1RB_Right	24.61	24.21	27.42

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n77(3700-3980)	30	20	M	DFT-QPSK	Outer_Full	22.08	21.24	24.69
n77(3700-3980)	30	20	M	DFT-QPSK	Inner_Full	24.02	23.08	26.59
n77(3700-3980)	30	20	M	DFT-QPSK	Inner_1RB_Left	24.05	23.13	26.62
n77(3700-3980)	30	20	M	DFT-QPSK	Inner_1RB_Right	24.08	23.18	26.66
n77(3700-3980)	30	20	M	DFT-16QAM	Outer_Full	21.46	21.12	24.30
n77(3700-3980)	30	20	M	DFT-16QAM	Inner_Full	22.47	22.12	25.31
n77(3700-3980)	30	20	M	DFT-16QAM	Inner_1RB_Left	22.5	22.12	25.32
n77(3700-3980)	30	20	M	DFT-16QAM	Inner_1RB_Right	22.52	22.06	25.31
n77(3700-3980)	30	20	M	DFT-64QAM	Outer_Full	20.87	20.25	23.58
n77(3700-3980)	30	20	M	DFT-64QAM	Inner_Full	21.49	21.19	24.35
n77(3700-3980)	30	20	M	DFT-64QAM	Inner_1RB_Left	21.72	21.27	24.51
n77(3700-3980)	30	20	M	DFT-64QAM	Inner_1RB_Right	21.78	21.26	24.54
n77(3700-3980)	30	20	M	DFT-256QAM	Outer_Full	19.05	18.44	21.77
n77(3700-3980)	30	20	M	DFT-256QAM	Inner_Full	18.81	18.36	21.60
n77(3700-3980)	30	20	M	DFT-256QAM	Inner_1RB_Left	18.95	18.62	21.80
n77(3700-3980)	30	20	M	DFT-256QAM	Inner_1RB_Right	18.81	18.5	21.67
n77(3700-3980)	30	20	H	DFT-BPSK	Outer_Full	23.56	23.04	26.32
n77(3700-3980)	30	20	H	DFT-BPSK	Inner_Full	24.64	24.33	27.50
n77(3700-3980)	30	20	H	DFT-BPSK	Inner_1RB_Left	24.64	24.34	27.50
n77(3700-3980)	30	20	H	DFT-BPSK	Inner_1RB_Right	24.63	24.32	27.49
n77(3700-3980)	30	20	H	DFT-QPSK	Outer_Full	22.15	21.32	24.77
n77(3700-3980)	30	20	H	DFT-QPSK	Inner_Full	24.06	23.12	26.63
n77(3700-3980)	30	20	H	DFT-QPSK	Inner_1RB_Left	24.09	23.02	26.60
n77(3700-3980)	30	20	H	DFT-QPSK	Inner_1RB_Right	24.06	23.17	26.65
n77(3700-3980)	30	20	H	DFT-16QAM	Outer_Full	21.63	20.85	24.27
n77(3700-3980)	30	20	H	DFT-16QAM	Inner_Full	22.63	22.28	25.47
n77(3700-3980)	30	20	H	DFT-16QAM	Inner_1RB_Left	22.44	22.29	25.38
n77(3700-3980)	30	20	H	DFT-16QAM	Inner_1RB_Right	22.54	22.09	25.33
n77(3700-3980)	30	20	H	DFT-64QAM	Outer_Full	20.89	20.2	23.57
n77(3700-3980)	30	20	H	DFT-64QAM	Inner_Full	21.47	21.38	24.44

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n77(3700-3980)	30	20	H	DFT-64QAM	Inner_1RB_Left	21.7	21.12	24.43
n77(3700-3980)	30	20	H	DFT-64QAM	Inner_1RB_Right	21.77	21.29	24.55
n77(3700-3980)	30	20	H	DFT-256QAM	Outer_Full	18.83	18.47	21.66
n77(3700-3980)	30	20	H	DFT-256QAM	Inner_Full	18.84	18.38	21.63
n77(3700-3980)	30	20	H	DFT-256QAM	Inner_1RB_Left	18.97	18.38	21.70
n77(3700-3980)	30	20	H	DFT-256QAM	Inner_1RB_Right	18.93	18.14	21.56
n77(3700-3980)	30	25	L	DFT-BPSK	Outer_Full	23.53	23.23	26.39
n77(3700-3980)	30	25	L	DFT-BPSK	Inner_Full	24.63	24.47	27.56
n77(3700-3980)	30	25	L	DFT-BPSK	Inner_1RB_Left	24.57	24.37	27.48
n77(3700-3980)	30	25	L	DFT-BPSK	Inner_1RB_Right	24.59	24.39	27.50
n77(3700-3980)	30	25	L	DFT-QPSK	Outer_Full	22.17	21.22	24.73
n77(3700-3980)	30	25	L	DFT-QPSK	Inner_Full	24.02	23.08	26.59
n77(3700-3980)	30	25	L	DFT-QPSK	Inner_1RB_Left	24.06	23.19	26.66
n77(3700-3980)	30	25	L	DFT-QPSK	Inner_1RB_Right	24.05	23.12	26.62
n77(3700-3980)	30	25	L	DFT-16QAM	Outer_Full	21.52	21.09	24.32
n77(3700-3980)	30	25	L	DFT-16QAM	Inner_Full	22.59	22.03	25.33
n77(3700-3980)	30	25	L	DFT-16QAM	Inner_1RB_Left	22.71	22.07	25.41
n77(3700-3980)	30	25	L	DFT-16QAM	Inner_1RB_Right	22.43	22.22	25.34
n77(3700-3980)	30	25	L	DFT-64QAM	Outer_Full	20.71	20.39	23.56
n77(3700-3980)	30	25	L	DFT-64QAM	Inner_Full	21.64	21.14	24.41
n77(3700-3980)	30	25	L	DFT-64QAM	Inner_1RB_Left	21.92	21.23	24.60
n77(3700-3980)	30	25	L	DFT-64QAM	Inner_1RB_Right	21.67	21.21	24.46
n77(3700-3980)	30	25	L	DFT-256QAM	Outer_Full	19.08	18.48	21.80
n77(3700-3980)	30	25	L	DFT-256QAM	Inner_Full	18.95	18.36	21.68
n77(3700-3980)	30	25	L	DFT-256QAM	Inner_1RB_Left	18.84	18.45	21.66
n77(3700-3980)	30	25	L	DFT-256QAM	Inner_1RB_Right	18.91	18.59	21.76
n77(3700-3980)	30	25	M	DFT-BPSK	Outer_Full	23.55	23.21	26.39
n77(3700-3980)	30	25	M	DFT-BPSK	Inner_Full	24.55	24.21	27.39
n77(3700-3980)	30	25	M	DFT-BPSK	Inner_1RB_Left	24.51	24.39	27.46
n77(3700-3980)	30	25	M	DFT-BPSK	Inner_1RB_Right	24.34	24.35	27.36

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n77(3700-3980)	30	25	M	DFT-QPSK	Outer_Full	22.08	21.22	24.68
n77(3700-3980)	30	25	M	DFT-QPSK	Inner_Full	24.02	23.17	26.63
n77(3700-3980)	30	25	M	DFT-QPSK	Inner_1RB_Left	24.06	23.13	26.63
n77(3700-3980)	30	25	M	DFT-QPSK	Inner_1RB_Right	24	23.11	26.59
n77(3700-3980)	30	25	M	DFT-16QAM	Outer_Full	21.47	21.18	24.34
n77(3700-3980)	30	25	M	DFT-16QAM	Inner_Full	22.57	22.19	25.39
n77(3700-3980)	30	25	M	DFT-16QAM	Inner_1RB_Left	22.55	22.2	25.39
n77(3700-3980)	30	25	M	DFT-16QAM	Inner_1RB_Right	22.56	22.09	25.34
n77(3700-3980)	30	25	M	DFT-64QAM	Outer_Full	20.67	20.28	23.49
n77(3700-3980)	30	25	M	DFT-64QAM	Inner_Full	21.54	21.22	24.39
n77(3700-3980)	30	25	M	DFT-64QAM	Inner_1RB_Left	21.67	21.32	24.51
n77(3700-3980)	30	25	M	DFT-64QAM	Inner_1RB_Right	21.8	21.03	24.44
n77(3700-3980)	30	25	M	DFT-256QAM	Outer_Full	19.02	18.47	21.76
n77(3700-3980)	30	25	M	DFT-256QAM	Inner_Full	18.86	18.47	21.68
n77(3700-3980)	30	25	M	DFT-256QAM	Inner_1RB_Left	18.85	18.32	21.60
n77(3700-3980)	30	25	M	DFT-256QAM	Inner_1RB_Right	18.8	18.41	21.62
n77(3700-3980)	30	25	H	DFT-BPSK	Outer_Full	23.52	23.17	26.36
n77(3700-3980)	30	25	H	DFT-BPSK	Inner_Full	24.71	24.39	27.56
n77(3700-3980)	30	25	H	DFT-BPSK	Inner_1RB_Left	24.57	24.37	27.48
n77(3700-3980)	30	25	H	DFT-BPSK	Inner_1RB_Right	24.5	24.39	27.46
n77(3700-3980)	30	25	H	DFT-QPSK	Outer_Full	22.13	21.36	24.77
n77(3700-3980)	30	25	H	DFT-QPSK	Inner_Full	24.03	23.16	26.63
n77(3700-3980)	30	25	H	DFT-QPSK	Inner_1RB_Left	24	23.18	26.62
n77(3700-3980)	30	25	H	DFT-QPSK	Inner_1RB_Right	24.09	23.11	26.64
n77(3700-3980)	30	25	H	DFT-16QAM	Outer_Full	21.68	20.88	24.31
n77(3700-3980)	30	25	H	DFT-16QAM	Inner_Full	22.52	22.29	25.42
n77(3700-3980)	30	25	H	DFT-16QAM	Inner_1RB_Left	22.55	22.08	25.33
n77(3700-3980)	30	25	H	DFT-16QAM	Inner_1RB_Right	22.6	22.22	25.42
n77(3700-3980)	30	25	H	DFT-64QAM	Outer_Full	20.7	20.29	23.51
n77(3700-3980)	30	25	H	DFT-64QAM	Inner_Full	21.73	21.26	24.51

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n77(3700-3980)	30	25	H	DFT-64QAM	Inner_1RB_Left	21.64	21.09	24.38
n77(3700-3980)	30	25	H	DFT-64QAM	Inner_1RB_Right	21.57	21.24	24.42
n77(3700-3980)	30	25	H	DFT-256QAM	Outer_Full	18.86	18.46	21.67
n77(3700-3980)	30	25	H	DFT-256QAM	Inner_Full	18.99	18.48	21.75
n77(3700-3980)	30	25	H	DFT-256QAM	Inner_1RB_Left	18.87	18.52	21.71
n77(3700-3980)	30	25	H	DFT-256QAM	Inner_1RB_Right	18.98	18.27	21.65
n77(3700-3980)	30	30	L	DFT-BPSK	Outer_Full	23.61	23.2	26.42
n77(3700-3980)	30	30	L	DFT-BPSK	Inner_Full	24.67	24.4	27.55
n77(3700-3980)	30	30	L	DFT-BPSK	Inner_1RB_Left	24.72	24.41	27.58
n77(3700-3980)	30	30	L	DFT-BPSK	Inner_1RB_Right	24.5	24.3	27.41
n77(3700-3980)	30	30	L	DFT-QPSK	Outer_Full	22.19	21.23	24.75
n77(3700-3980)	30	30	L	DFT-QPSK	Inner_Full	24.08	23.06	26.61
n77(3700-3980)	30	30	L	DFT-QPSK	Inner_1RB_Left	24.16	23.04	26.65
n77(3700-3980)	30	30	L	DFT-QPSK	Inner_1RB_Right	24.04	23.01	26.57
n77(3700-3980)	30	30	L	DFT-16QAM	Outer_Full	21.51	21.07	24.31
n77(3700-3980)	30	30	L	DFT-16QAM	Inner_Full	22.51	22.18	25.36
n77(3700-3980)	30	30	L	DFT-16QAM	Inner_1RB_Left	22.77	22.06	25.44
n77(3700-3980)	30	30	L	DFT-16QAM	Inner_1RB_Right	22.49	22.19	25.35
n77(3700-3980)	30	30	L	DFT-64QAM	Outer_Full	20.77	20.33	23.57
n77(3700-3980)	30	30	L	DFT-64QAM	Inner_Full	21.61	21.27	24.45
n77(3700-3980)	30	30	L	DFT-64QAM	Inner_1RB_Left	21.71	21.24	24.49
n77(3700-3980)	30	30	L	DFT-64QAM	Inner_1RB_Right	21.67	21.08	24.40
n77(3700-3980)	30	30	L	DFT-256QAM	Outer_Full	19.08	18.59	21.85
n77(3700-3980)	30	30	L	DFT-256QAM	Inner_Full	18.98	18.37	21.70
n77(3700-3980)	30	30	L	DFT-256QAM	Inner_1RB_Left	18.94	18.56	21.76
n77(3700-3980)	30	30	L	DFT-256QAM	Inner_1RB_Right	18.82	18.39	21.62
n77(3700-3980)	30	30	M	DFT-BPSK	Outer_Full	23.68	23.25	26.48
n77(3700-3980)	30	30	M	DFT-BPSK	Inner_Full	24.58	24.22	27.41
n77(3700-3980)	30	30	M	DFT-BPSK	Inner_1RB_Left	24.57	24.29	27.44
n77(3700-3980)	30	30	M	DFT-BPSK	Inner_1RB_Right	24.63	24.35	27.50

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n77(3700-3980)	30	30	M	DFT-QPSK	Outer_Full	22.11	21.27	24.72
n77(3700-3980)	30	30	M	DFT-QPSK	Inner_Full	24.04	23.1	26.61
n77(3700-3980)	30	30	M	DFT-QPSK	Inner_1RB_Left	24	23.28	26.67
n77(3700-3980)	30	30	M	DFT-QPSK	Inner_1RB_Right	24.07	23.01	26.58
n77(3700-3980)	30	30	M	DFT-16QAM	Outer_Full	21.57	21.22	24.41
n77(3700-3980)	30	30	M	DFT-16QAM	Inner_Full	22.55	22.1	25.34
n77(3700-3980)	30	30	M	DFT-16QAM	Inner_1RB_Left	22.49	22.21	25.36
n77(3700-3980)	30	30	M	DFT-16QAM	Inner_1RB_Right	22.56	22.08	25.34
n77(3700-3980)	30	30	M	DFT-64QAM	Outer_Full	20.65	20.37	23.52
n77(3700-3980)	30	30	M	DFT-64QAM	Inner_Full	21.51	21.11	24.32
n77(3700-3980)	30	30	M	DFT-64QAM	Inner_1RB_Left	21.54	21.3	24.43
n77(3700-3980)	30	30	M	DFT-64QAM	Inner_1RB_Right	21.61	21.19	24.42
n77(3700-3980)	30	30	M	DFT-256QAM	Outer_Full	19.05	18.43	21.76
n77(3700-3980)	30	30	M	DFT-256QAM	Inner_Full	18.89	18.4	21.66
n77(3700-3980)	30	30	M	DFT-256QAM	Inner_1RB_Left	18.98	18.56	21.79
n77(3700-3980)	30	30	M	DFT-256QAM	Inner_1RB_Right	18.79	18.41	21.61
n77(3700-3980)	30	30	H	DFT-BPSK	Outer_Full	23.56	23.01	26.30
n77(3700-3980)	30	30	H	DFT-BPSK	Inner_Full	24.67	24.34	27.52
n77(3700-3980)	30	30	H	DFT-BPSK	Inner_1RB_Left	24.79	24.4	27.61
n77(3700-3980)	30	30	H	DFT-BPSK	Inner_1RB_Right	24.59	24.32	27.47
n77(3700-3980)	30	30	H	DFT-QPSK	Outer_Full	22.13	21.38	24.78
n77(3700-3980)	30	30	H	DFT-QPSK	Inner_Full	24.04	23.17	26.64
n77(3700-3980)	30	30	H	DFT-QPSK	Inner_1RB_Left	24.16	23.09	26.67
n77(3700-3980)	30	30	H	DFT-QPSK	Inner_1RB_Right	24.05	23.19	26.65
n77(3700-3980)	30	30	H	DFT-16QAM	Outer_Full	21.65	20.88	24.29
n77(3700-3980)	30	30	H	DFT-16QAM	Inner_Full	22.52	22.01	25.28
n77(3700-3980)	30	30	H	DFT-16QAM	Inner_1RB_Left	22.63	22.06	25.36
n77(3700-3980)	30	30	H	DFT-16QAM	Inner_1RB_Right	22.56	22.08	25.34
n77(3700-3980)	30	30	H	DFT-64QAM	Outer_Full	20.69	20.2	23.46
n77(3700-3980)	30	30	H	DFT-64QAM	Inner_Full	21.64	21.39	24.53

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n77(3700-3980)	30	30	H	DFT-64QAM	Inner_1RB_Left	21.69	21.39	24.55
n77(3700-3980)	30	30	H	DFT-64QAM	Inner_1RB_Right	21.78	21.24	24.53
n77(3700-3980)	30	30	H	DFT-256QAM	Outer_Full	19.01	18.45	21.75
n77(3700-3980)	30	30	H	DFT-256QAM	Inner_Full	18.95	18.55	21.76
n77(3700-3980)	30	30	H	DFT-256QAM	Inner_1RB_Left	18.87	18.56	21.73
n77(3700-3980)	30	30	H	DFT-256QAM	Inner_1RB_Right	18.96	18.2	21.61
n77(3700-3980)	30	40	L	DFT-BPSK	Outer_Full	23.58	23.28	26.44
n77(3700-3980)	30	40	L	DFT-BPSK	Inner_Full	24.71	24.21	27.48
n77(3700-3980)	30	40	L	DFT-BPSK	Inner_1RB_Left	24.71	24.39	27.56
n77(3700-3980)	30	40	L	DFT-BPSK	Inner_1RB_Right	24.31	24.36	27.35
n77(3700-3980)	30	40	L	DFT-QPSK	Outer_Full	22.12	21.26	24.72
n77(3700-3980)	30	40	L	DFT-QPSK	Inner_Full	24.06	23.16	26.64
n77(3700-3980)	30	40	L	DFT-QPSK	Inner_1RB_Left	24.1	23.02	26.60
n77(3700-3980)	30	40	L	DFT-QPSK	Inner_1RB_Right	24	23.34	26.69
n77(3700-3980)	30	40	L	DFT-16QAM	Outer_Full	21.5	21.07	24.30
n77(3700-3980)	30	40	L	DFT-16QAM	Inner_Full	22.64	22.06	25.37
n77(3700-3980)	30	40	L	DFT-16QAM	Inner_1RB_Left	22.76	22.29	25.54
n77(3700-3980)	30	40	L	DFT-16QAM	Inner_1RB_Right	22.4	22.02	25.22
n77(3700-3980)	30	40	L	DFT-64QAM	Outer_Full	20.71	20.25	23.50
n77(3700-3980)	30	40	L	DFT-64QAM	Inner_Full	21.64	21.12	24.40
n77(3700-3980)	30	40	L	DFT-64QAM	Inner_1RB_Left	21.64	21.33	24.50
n77(3700-3980)	30	40	L	DFT-64QAM	Inner_1RB_Right	21.83	21.39	24.63
n77(3700-3980)	30	40	L	DFT-256QAM	Outer_Full	19.09	18.58	21.85
n77(3700-3980)	30	40	L	DFT-256QAM	Inner_Full	18.8	18.45	21.64
n77(3700-3980)	30	40	L	DFT-256QAM	Inner_1RB_Left	18.96	18.65	21.82
n77(3700-3980)	30	40	L	DFT-256QAM	Inner_1RB_Right	18.87	18.46	21.68
n77(3700-3980)	30	40	M	DFT-BPSK	Outer_Full	23.57	23.01	26.31
n77(3700-3980)	30	40	M	DFT-BPSK	Inner_Full	24.61	24.49	27.56
n77(3700-3980)	30	40	M	DFT-BPSK	Inner_1RB_Left	24.66	24.2	27.45
n77(3700-3980)	30	40	M	DFT-BPSK	Inner_1RB_Right	24.59	24.33	27.47

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n77(3700-3980)	30	40	M	DFT-QPSK	Outer_Full	22.14	21.26	24.73
n77(3700-3980)	30	40	M	DFT-QPSK	Inner_Full	24.06	23.17	26.65
n77(3700-3980)	30	40	M	DFT-QPSK	Inner_1RB_Left	24.07	23.12	26.63
n77(3700-3980)	30	40	M	DFT-QPSK	Inner_1RB_Right	24.08	23.13	26.64
n77(3700-3980)	30	40	M	DFT-16QAM	Outer_Full	21.6	21.21	24.42
n77(3700-3980)	30	40	M	DFT-16QAM	Inner_Full	22.52	22.07	25.31
n77(3700-3980)	30	40	M	DFT-16QAM	Inner_1RB_Left	22.55	22.06	25.32
n77(3700-3980)	30	40	M	DFT-16QAM	Inner_1RB_Right	22.41	22.28	25.36
n77(3700-3980)	30	40	M	DFT-64QAM	Outer_Full	20.88	20.27	23.60
n77(3700-3980)	30	40	M	DFT-64QAM	Inner_Full	21.55	21.16	24.37
n77(3700-3980)	30	40	M	DFT-64QAM	Inner_1RB_Left	21.64	21.31	24.49
n77(3700-3980)	30	40	M	DFT-64QAM	Inner_1RB_Right	21.5	21.35	24.44
n77(3700-3980)	30	40	M	DFT-256QAM	Outer_Full	19.03	18.45	21.76
n77(3700-3980)	30	40	M	DFT-256QAM	Inner_Full	18.88	18.35	21.63
n77(3700-3980)	30	40	M	DFT-256QAM	Inner_1RB_Left	18.93	18.32	21.65
n77(3700-3980)	30	40	M	DFT-256QAM	Inner_1RB_Right	18.77	18.34	21.57
n77(3700-3980)	30	40	H	DFT-BPSK	Outer_Full	23.56	23.14	26.37
n77(3700-3980)	30	40	H	DFT-BPSK	Inner_Full	24.77	24.15	27.48
n77(3700-3980)	30	40	H	DFT-BPSK	Inner_1RB_Left	24.59	24.36	27.49
n77(3700-3980)	30	40	H	DFT-BPSK	Inner_1RB_Right	24.39	24.39	27.40
n77(3700-3980)	30	40	H	DFT-QPSK	Outer_Full	22.13	21.33	24.76
n77(3700-3980)	30	40	H	DFT-QPSK	Inner_Full	24.15	23.23	26.72
n77(3700-3980)	30	40	H	DFT-QPSK	Inner_1RB_Left	24.03	23.04	26.57
n77(3700-3980)	30	40	H	DFT-QPSK	Inner_1RB_Right	24.06	23.26	26.69
n77(3700-3980)	30	40	H	DFT-16QAM	Outer_Full	21.66	21.05	24.38
n77(3700-3980)	30	40	H	DFT-16QAM	Inner_Full	22.65	22.01	25.35
n77(3700-3980)	30	40	H	DFT-16QAM	Inner_1RB_Left	22.63	22.13	25.40
n77(3700-3980)	30	40	H	DFT-16QAM	Inner_1RB_Right	22.51	22.08	25.31
n77(3700-3980)	30	40	H	DFT-64QAM	Outer_Full	20.75	20.33	23.56
n77(3700-3980)	30	40	H	DFT-64QAM	Inner_Full	21.65	21.21	24.45

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n77(3700-3980)	30	40	H	DFT-64QAM	Inner_1RB_Left	21.86	21.21	24.56
n77(3700-3980)	30	40	H	DFT-64QAM	Inner_1RB_Right	21.68	21.18	24.45
n77(3700-3980)	30	40	H	DFT-256QAM	Outer_Full	19.07	18.33	21.73
n77(3700-3980)	30	40	H	DFT-256QAM	Inner_Full	18.84	18.56	21.71
n77(3700-3980)	30	40	H	DFT-256QAM	Inner_1RB_Left	18.83	18.58	21.72
n77(3700-3980)	30	40	H	DFT-256QAM	Inner_1RB_Right	18.88	18.1	21.52
n77(3700-3980)	30	50	L	DFT-BPSK	Outer_Full	23.52	23.21	26.38
n77(3700-3980)	30	50	L	DFT-BPSK	Inner_Full	24.64	24.42	27.54
n77(3700-3980)	30	50	L	DFT-BPSK	Inner_1RB_Left	24.61	24.45	27.54
n77(3700-3980)	30	50	L	DFT-BPSK	Inner_1RB_Right	24.69	24.3	27.51
n77(3700-3980)	30	50	L	DFT-QPSK	Outer_Full	22.06	21.22	24.67
n77(3700-3980)	30	50	L	DFT-QPSK	Inner_Full	24.11	23.37	26.77
n77(3700-3980)	30	50	L	DFT-QPSK	Inner_1RB_Left	24.07	23.14	26.64
n77(3700-3980)	30	50	L	DFT-QPSK	Inner_1RB_Right	24.03	23.11	26.60
n77(3700-3980)	30	50	L	DFT-16QAM	Outer_Full	21.52	21.32	24.43
n77(3700-3980)	30	50	L	DFT-16QAM	Inner_Full	22.8	22.07	25.46
n77(3700-3980)	30	50	L	DFT-16QAM	Inner_1RB_Left	22.75	22.24	25.51
n77(3700-3980)	30	50	L	DFT-16QAM	Inner_1RB_Right	22.54	22.03	25.30
n77(3700-3980)	30	50	L	DFT-64QAM	Outer_Full	20.84	20.85	23.86
n77(3700-3980)	30	50	L	DFT-64QAM	Inner_Full	21.99	21.33	24.68
n77(3700-3980)	30	50	L	DFT-64QAM	Inner_1RB_Left	21.71	21.37	24.55
n77(3700-3980)	30	50	L	DFT-64QAM	Inner_1RB_Right	21.61	21.03	24.34
n77(3700-3980)	30	50	L	DFT-256QAM	Outer_Full	18.95	18.35	21.67
n77(3700-3980)	30	50	L	DFT-256QAM	Inner_Full	19.01	18.34	21.70
n77(3700-3980)	30	50	L	DFT-256QAM	Inner_1RB_Left	18.95	18.39	21.69
n77(3700-3980)	30	50	L	DFT-256QAM	Inner_1RB_Right	18.97	18.49	21.75
n77(3700-3980)	30	50	M	DFT-BPSK	Outer_Full	23.53	23.24	26.40
n77(3700-3980)	30	50	M	DFT-BPSK	Inner_Full	24.76	24.37	27.58
n77(3700-3980)	30	50	M	DFT-BPSK	Inner_1RB_Left	24.55	24.36	27.47
n77(3700-3980)	30	50	M	DFT-BPSK	Inner_1RB_Right	24.59	24.39	27.50

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n77(3700-3980)	30	50	M	DFT-QPSK	Outer_Full	22.18	21.28	24.76
n77(3700-3980)	30	50	M	DFT-QPSK	Inner_Full	24.09	23.33	26.74
n77(3700-3980)	30	50	M	DFT-QPSK	Inner_1RB_Left	24.04	23.37	26.73
n77(3700-3980)	30	50	M	DFT-QPSK	Inner_1RB_Right	24.01	23.1	26.59
n77(3700-3980)	30	50	M	DFT-16QAM	Outer_Full	21.64	21.24	24.45
n77(3700-3980)	30	50	M	DFT-16QAM	Inner_Full	22.63	22.02	25.35
n77(3700-3980)	30	50	M	DFT-16QAM	Inner_1RB_Left	22.51	22.07	25.31
n77(3700-3980)	30	50	M	DFT-16QAM	Inner_1RB_Right	22.48	22.22	25.36
n77(3700-3980)	30	50	M	DFT-64QAM	Outer_Full	20.71	20.3	23.52
n77(3700-3980)	30	50	M	DFT-64QAM	Inner_Full	21.82	21.29	24.57
n77(3700-3980)	30	50	M	DFT-64QAM	Inner_1RB_Left	21.72	21.34	24.54
n77(3700-3980)	30	50	M	DFT-64QAM	Inner_1RB_Right	21.57	21.03	24.32
n77(3700-3980)	30	50	M	DFT-256QAM	Outer_Full	18.8	18.3	21.57
n77(3700-3980)	30	50	M	DFT-256QAM	Inner_Full	18.85	18.36	21.62
n77(3700-3980)	30	50	M	DFT-256QAM	Inner_1RB_Left	18.98	18.52	21.77
n77(3700-3980)	30	50	M	DFT-256QAM	Inner_1RB_Right	18.84	18.4	21.64
n77(3700-3980)	30	50	H	DFT-BPSK	Outer_Full	23.62	23.15	26.40
n77(3700-3980)	30	50	H	DFT-BPSK	Inner_Full	24.57	24.47	27.53
n77(3700-3980)	30	50	H	DFT-BPSK	Inner_1RB_Left	24.73	24.48	27.62
n77(3700-3980)	30	50	H	DFT-BPSK	Inner_1RB_Right	24.5	24.43	27.48
n77(3700-3980)	30	50	H	DFT-QPSK	Outer_Full	22.14	21.37	24.78
n77(3700-3980)	30	50	H	DFT-QPSK	Inner_Full	24.18	23.2	26.73
n77(3700-3980)	30	50	H	DFT-QPSK	Inner_1RB_Left	24.09	23.19	26.67
n77(3700-3980)	30	50	H	DFT-QPSK	Inner_1RB_Right	24.08	23.21	26.68
n77(3700-3980)	30	50	H	DFT-16QAM	Outer_Full	21.53	21.15	24.35
n77(3700-3980)	30	50	H	DFT-16QAM	Inner_Full	22.76	22.05	25.43
n77(3700-3980)	30	50	H	DFT-16QAM	Inner_1RB_Left	22.73	22.02	25.40
n77(3700-3980)	30	50	H	DFT-16QAM	Inner_1RB_Right	22.58	22.04	25.33
n77(3700-3980)	30	50	H	DFT-64QAM	Outer_Full	20.71	20.3	23.52
n77(3700-3980)	30	50	H	DFT-64QAM	Inner_Full	21.89	21.27	24.60

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n77(3700-3980)	30	50	H	DFT-64QAM	Inner_1RB_Left	21.87	21.3	24.60
n77(3700-3980)	30	50	H	DFT-64QAM	Inner_1RB_Right	21.7	21.37	24.55
n77(3700-3980)	30	50	H	DFT-256QAM	Outer_Full	18.91	18.42	21.68
n77(3700-3980)	30	50	H	DFT-256QAM	Inner_Full	18.81	18.32	21.58
n77(3700-3980)	30	50	H	DFT-256QAM	Inner_1RB_Left	18.93	18.69	21.82
n77(3700-3980)	30	50	H	DFT-256QAM	Inner_1RB_Right	18.98	18.05	21.55
n77(3700-3980)	30	60	L	DFT-BPSK	Outer_Full	23.65	23.09	26.39
n77(3700-3980)	30	60	L	DFT-BPSK	Inner_Full	24.7	24.36	27.54
n77(3700-3980)	30	60	L	DFT-BPSK	Inner_1RB_Left	24.55	24.34	27.46
n77(3700-3980)	30	60	L	DFT-BPSK	Inner_1RB_Right	24.34	24.4	27.38
n77(3700-3980)	30	60	L	DFT-QPSK	Outer_Full	22.1	21.21	24.69
n77(3700-3980)	30	60	L	DFT-QPSK	Inner_Full	24.02	23.12	26.60
n77(3700-3980)	30	60	L	DFT-QPSK	Inner_1RB_Left	24.17	23.13	26.69
n77(3700-3980)	30	60	L	DFT-QPSK	Inner_1RB_Right	24.01	23.24	26.65
n77(3700-3980)	30	60	L	DFT-16QAM	Outer_Full	21.54	20.88	24.23
n77(3700-3980)	30	60	L	DFT-16QAM	Inner_Full	22.51	22.24	25.39
n77(3700-3980)	30	60	L	DFT-16QAM	Inner_1RB_Left	22.79	22.06	25.45
n77(3700-3980)	30	60	L	DFT-16QAM	Inner_1RB_Right	22.51	22.02	25.28
n77(3700-3980)	30	60	L	DFT-64QAM	Outer_Full	20.71	20.34	23.54
n77(3700-3980)	30	60	L	DFT-64QAM	Inner_Full	21.55	21.31	24.44
n77(3700-3980)	30	60	L	DFT-64QAM	Inner_1RB_Left	21.75	21.32	24.55
n77(3700-3980)	30	60	L	DFT-64QAM	Inner_1RB_Right	21.86	21.58	24.73
n77(3700-3980)	30	60	L	DFT-256QAM	Outer_Full	19	18.37	21.71
n77(3700-3980)	30	60	L	DFT-256QAM	Inner_Full	18.92	18.41	21.68
n77(3700-3980)	30	60	L	DFT-256QAM	Inner_1RB_Left	18.92	18.43	21.69
n77(3700-3980)	30	60	L	DFT-256QAM	Inner_1RB_Right	18.88	18.02	21.48
n77(3700-3980)	30	60	M	DFT-BPSK	Outer_Full	23.69	23.16	26.44
n77(3700-3980)	30	60	M	DFT-BPSK	Inner_Full	24.53	24.35	27.45
n77(3700-3980)	30	60	M	DFT-BPSK	Inner_1RB_Left	24.39	24.2	27.31
n77(3700-3980)	30	60	M	DFT-BPSK	Inner_1RB_Right	24.5	24.43	27.48

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n77(3700-3980)	30	60	M	DFT-QPSK	Outer_Full	22.04	21.27	24.68
n77(3700-3980)	30	60	M	DFT-QPSK	Inner_Full	24.09	23.02	26.60
n77(3700-3980)	30	60	M	DFT-QPSK	Inner_1RB_Left	24	23.3	26.67
n77(3700-3980)	30	60	M	DFT-QPSK	Inner_1RB_Right	24.19	23.25	26.76
n77(3700-3980)	30	60	M	DFT-16QAM	Outer_Full	21.41	20.94	24.19
n77(3700-3980)	30	60	M	DFT-16QAM	Inner_Full	22.53	22.04	25.30
n77(3700-3980)	30	60	M	DFT-16QAM	Inner_1RB_Left	22.58	22.07	25.34
n77(3700-3980)	30	60	M	DFT-16QAM	Inner_1RB_Right	22.58	22.06	25.34
n77(3700-3980)	30	60	M	DFT-64QAM	Outer_Full	20.88	20.33	23.62
n77(3700-3980)	30	60	M	DFT-64QAM	Inner_Full	21.53	21.22	24.39
n77(3700-3980)	30	60	M	DFT-64QAM	Inner_1RB_Left	21.56	21.34	24.46
n77(3700-3980)	30	60	M	DFT-64QAM	Inner_1RB_Right	21.82	21.22	24.54
n77(3700-3980)	30	60	M	DFT-256QAM	Outer_Full	18.75	18.4	21.59
n77(3700-3980)	30	60	M	DFT-256QAM	Inner_Full	18.98	18.59	21.80
n77(3700-3980)	30	60	M	DFT-256QAM	Inner_1RB_Left	18.82	18.67	21.76
n77(3700-3980)	30	60	M	DFT-256QAM	Inner_1RB_Right	18.79	18.23	21.53
n77(3700-3980)	30	60	H	DFT-BPSK	Outer_Full	23.55	23.14	26.36
n77(3700-3980)	30	60	H	DFT-BPSK	Inner_Full	24.72	24.33	27.54
n77(3700-3980)	30	60	H	DFT-BPSK	Inner_1RB_Left	24.64	24.44	27.55
n77(3700-3980)	30	60	H	DFT-BPSK	Inner_1RB_Right	24.35	24.29	27.33
n77(3700-3980)	30	60	H	DFT-QPSK	Outer_Full	22.17	21.38	24.80
n77(3700-3980)	30	60	H	DFT-QPSK	Inner_Full	24.05	23.11	26.62
n77(3700-3980)	30	60	H	DFT-QPSK	Inner_1RB_Left	24	23.17	26.62
n77(3700-3980)	30	60	H	DFT-QPSK	Inner_1RB_Right	24.09	23.28	26.71
n77(3700-3980)	30	60	H	DFT-16QAM	Outer_Full	21.55	20.82	24.21
n77(3700-3980)	30	60	H	DFT-16QAM	Inner_Full	22.52	22.23	25.39
n77(3700-3980)	30	60	H	DFT-16QAM	Inner_1RB_Left	22.43	22.16	25.31
n77(3700-3980)	30	60	H	DFT-16QAM	Inner_1RB_Right	22.54	22.02	25.30
n77(3700-3980)	30	60	H	DFT-64QAM	Outer_Full	20.73	20.2	23.48
n77(3700-3980)	30	60	H	DFT-64QAM	Inner_Full	21.49	21.39	24.45

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n77(3700-3980)	30	60	H	DFT-64QAM	Inner_1RB_Left	21.57	21.16	24.38
n77(3700-3980)	30	60	H	DFT-64QAM	Inner_1RB_Right	21.85	21.38	24.63
n77(3700-3980)	30	60	H	DFT-256QAM	Outer_Full	19.02	18.38	21.72
n77(3700-3980)	30	60	H	DFT-256QAM	Inner_Full	18.96	18.37	21.69
n77(3700-3980)	30	60	H	DFT-256QAM	Inner_1RB_Left	18.96	18.64	21.81
n77(3700-3980)	30	60	H	DFT-256QAM	Inner_1RB_Right	18.91	18.64	21.79
n77(3700-3980)	30	70	L	DFT-BPSK	Outer_Full	23.61	23.1	26.37
n77(3700-3980)	30	70	L	DFT-BPSK	Inner_Full	24.76	24.38	27.58
n77(3700-3980)	30	70	L	DFT-BPSK	Inner_1RB_Left	24.76	24.31	27.55
n77(3700-3980)	30	70	L	DFT-BPSK	Inner_1RB_Right	24.08	24.37	27.24
n77(3700-3980)	30	70	L	DFT-QPSK	Outer_Full	22.17	21.22	24.73
n77(3700-3980)	30	70	L	DFT-QPSK	Inner_Full	24.14	23.03	26.63
n77(3700-3980)	30	70	L	DFT-QPSK	Inner_1RB_Left	24.18	23.01	26.64
n77(3700-3980)	30	70	L	DFT-QPSK	Inner_1RB_Right	24.1	23.26	26.71
n77(3700-3980)	30	70	L	DFT-16QAM	Outer_Full	21.5	21.08	24.31
n77(3700-3980)	30	70	L	DFT-16QAM	Inner_Full	22.63	22.02	25.35
n77(3700-3980)	30	70	L	DFT-16QAM	Inner_1RB_Left	22.82	22.08	25.48
n77(3700-3980)	30	70	L	DFT-16QAM	Inner_1RB_Right	22.49	22.07	25.30
n77(3700-3980)	30	70	L	DFT-64QAM	Outer_Full	20.78	20.38	23.59
n77(3700-3980)	30	70	L	DFT-64QAM	Inner_Full	21.69	21.13	24.43
n77(3700-3980)	30	70	L	DFT-64QAM	Inner_1RB_Left	21.88	21.01	24.48
n77(3700-3980)	30	70	L	DFT-64QAM	Inner_1RB_Right	21.81	21.33	24.59
n77(3700-3980)	30	70	L	DFT-256QAM	Outer_Full	18.96	18.41	21.70
n77(3700-3980)	30	70	L	DFT-256QAM	Inner_Full	18.88	18.5	21.70
n77(3700-3980)	30	70	L	DFT-256QAM	Inner_1RB_Left	18.94	18.31	21.65
n77(3700-3980)	30	70	L	DFT-256QAM	Inner_1RB_Right	18.93	18.14	21.56
n77(3700-3980)	30	70	M	DFT-BPSK	Outer_Full	23.52	23.25	26.40
n77(3700-3980)	30	70	M	DFT-BPSK	Inner_Full	24.64	24.48	27.57
n77(3700-3980)	30	70	M	DFT-BPSK	Inner_1RB_Left	24.69	24.22	27.47
n77(3700-3980)	30	70	M	DFT-BPSK	Inner_1RB_Right	24.67	24.37	27.53

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n77(3700-3980)	30	70	M	DFT-QPSK	Outer_Full	22.17	21.27	24.75
n77(3700-3980)	30	70	M	DFT-QPSK	Inner_Full	24.08	23.14	26.65
n77(3700-3980)	30	70	M	DFT-QPSK	Inner_1RB_Left	24.09	23.14	26.65
n77(3700-3980)	30	70	M	DFT-QPSK	Inner_1RB_Right	24.11	23.26	26.72
n77(3700-3980)	30	70	M	DFT-16QAM	Outer_Full	21.54	21.14	24.35
n77(3700-3980)	30	70	M	DFT-16QAM	Inner_Full	22.44	22.07	25.27
n77(3700-3980)	30	70	M	DFT-16QAM	Inner_1RB_Left	22.51	22.24	25.39
n77(3700-3980)	30	70	M	DFT-16QAM	Inner_1RB_Right	22.91	22	25.49
n77(3700-3980)	30	70	M	DFT-64QAM	Outer_Full	20.64	20.33	23.50
n77(3700-3980)	30	70	M	DFT-64QAM	Inner_Full	21.53	21.13	24.34
n77(3700-3980)	30	70	M	DFT-64QAM	Inner_1RB_Left	21.65	21.33	24.50
n77(3700-3980)	30	70	M	DFT-64QAM	Inner_1RB_Right	21.81	21.22	24.54
n77(3700-3980)	30	70	M	DFT-256QAM	Outer_Full	19.07	18.41	21.76
n77(3700-3980)	30	70	M	DFT-256QAM	Inner_Full	18.94	18.33	21.66
n77(3700-3980)	30	70	M	DFT-256QAM	Inner_1RB_Left	18.92	18.3	21.63
n77(3700-3980)	30	70	M	DFT-256QAM	Inner_1RB_Right	18.47	18.15	21.32
n77(3700-3980)	30	70	H	DFT-BPSK	Outer_Full	23.67	23.09	26.40
n77(3700-3980)	30	70	H	DFT-BPSK	Inner_Full	24.63	24.39	27.52
n77(3700-3980)	30	70	H	DFT-BPSK	Inner_1RB_Left	24.5	24.23	27.38
n77(3700-3980)	30	70	H	DFT-BPSK	Inner_1RB_Right	24.37	24.32	27.36
n77(3700-3980)	30	70	H	DFT-QPSK	Outer_Full	22.03	21.25	24.67
n77(3700-3980)	30	70	H	DFT-QPSK	Inner_Full	24.09	23.16	26.66
n77(3700-3980)	30	70	H	DFT-QPSK	Inner_1RB_Left	24.17	23.15	26.70
n77(3700-3980)	30	70	H	DFT-QPSK	Inner_1RB_Right	24.03	23.26	26.67
n77(3700-3980)	30	70	H	DFT-16QAM	Outer_Full	21.59	21.12	24.37
n77(3700-3980)	30	70	H	DFT-16QAM	Inner_Full	22.83	22.09	25.49
n77(3700-3980)	30	70	H	DFT-16QAM	Inner_1RB_Left	22.91	22.06	25.52
n77(3700-3980)	30	70	H	DFT-16QAM	Inner_1RB_Right	22.53	22.08	25.32
n77(3700-3980)	30	70	H	DFT-64QAM	Outer_Full	20.89	20.2	23.57
n77(3700-3980)	30	70	H	DFT-64QAM	Inner_Full	21.96	21.36	24.68

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n77(3700-3980)	30	70	H	DFT-64QAM	Inner_1RB_Left	21.92	21.33	24.65
n77(3700-3980)	30	70	H	DFT-64QAM	Inner_1RB_Right	21.73	21.35	24.55
n77(3700-3980)	30	70	H	DFT-256QAM	Outer_Full	18.95	18.17	21.59
n77(3700-3980)	30	70	H	DFT-256QAM	Inner_Full	18.81	18.46	21.65
n77(3700-3980)	30	70	H	DFT-256QAM	Inner_1RB_Left	18.96	18.31	21.66
n77(3700-3980)	30	70	H	DFT-256QAM	Inner_1RB_Right	18.83	18.01	21.45
n77(3700-3980)	30	80	L	DFT-BPSK	Outer_Full	23.57	23.08	26.34
n77(3700-3980)	30	80	L	DFT-BPSK	Inner_Full	24.74	24.32	27.55
n77(3700-3980)	30	80	L	DFT-BPSK	Inner_1RB_Left	24.55	24.31	27.44
n77(3700-3980)	30	80	L	DFT-BPSK	Inner_1RB_Right	24.64	24.37	27.52
n77(3700-3980)	30	80	L	DFT-QPSK	Outer_Full	22.12	21.24	24.71
n77(3700-3980)	30	80	L	DFT-QPSK	Inner_Full	24.1	23.17	26.67
n77(3700-3980)	30	80	L	DFT-QPSK	Inner_1RB_Left	24.15	23.1	26.67
n77(3700-3980)	30	80	L	DFT-QPSK	Inner_1RB_Right	24.01	23.24	26.65
n77(3700-3980)	30	80	L	DFT-16QAM	Outer_Full	21.65	20.99	24.34
n77(3700-3980)	30	80	L	DFT-16QAM	Inner_Full	22.63	22.29	25.47
n77(3700-3980)	30	80	L	DFT-16QAM	Inner_1RB_Left	22.98	22.09	25.57
n77(3700-3980)	30	80	L	DFT-16QAM	Inner_1RB_Right	22.56	22.1	25.35
n77(3700-3980)	30	80	L	DFT-64QAM	Outer_Full	20.74	20.28	23.53
n77(3700-3980)	30	80	L	DFT-64QAM	Inner_Full	21.71	21.36	24.55
n77(3700-3980)	30	80	L	DFT-64QAM	Inner_1RB_Left	21.85	21.03	24.47
n77(3700-3980)	30	80	L	DFT-64QAM	Inner_1RB_Right	21.72	21.57	24.66
n77(3700-3980)	30	80	L	DFT-256QAM	Outer_Full	19.09	18.55	21.84
n77(3700-3980)	30	80	L	DFT-256QAM	Inner_Full	18.83	18.49	21.67
n77(3700-3980)	30	80	L	DFT-256QAM	Inner_1RB_Left	18.96	18.54	21.77
n77(3700-3980)	30	80	L	DFT-256QAM	Inner_1RB_Right	18.38	18.05	21.23
n77(3700-3980)	30	80	M	DFT-BPSK	Outer_Full	23.52	23.24	26.39
n77(3700-3980)	30	80	M	DFT-BPSK	Inner_Full	24.64	24.21	27.44
n77(3700-3980)	30	80	M	DFT-BPSK	Inner_1RB_Left	24.55	24.46	27.52
n77(3700-3980)	30	80	M	DFT-BPSK	Inner_1RB_Right	24.62	24.27	27.46

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n77(3700-3980)	30	80	M	DFT-QPSK	Outer_Full	22.04	21.29	24.69
n77(3700-3980)	30	80	M	DFT-QPSK	Inner_Full	24.07	23.13	26.64
n77(3700-3980)	30	80	M	DFT-QPSK	Inner_1RB_Left	24.04	23.23	26.66
n77(3700-3980)	30	80	M	DFT-QPSK	Inner_1RB_Right	24.09	23.22	26.69
n77(3700-3980)	30	80	M	DFT-16QAM	Outer_Full	21.4	21.13	24.28
n77(3700-3980)	30	80	M	DFT-16QAM	Inner_Full	22.43	22.14	25.30
n77(3700-3980)	30	80	M	DFT-16QAM	Inner_1RB_Left	22.6	22.04	25.34
n77(3700-3980)	30	80	M	DFT-16QAM	Inner_1RB_Right	22.94	22	25.51
n77(3700-3980)	30	80	M	DFT-64QAM	Outer_Full	20.88	20.21	23.57
n77(3700-3980)	30	80	M	DFT-64QAM	Inner_Full	21.57	21.15	24.38
n77(3700-3980)	30	80	M	DFT-64QAM	Inner_1RB_Left	21.89	21.36	24.64
n77(3700-3980)	30	80	M	DFT-64QAM	Inner_1RB_Right	21.76	21.21	24.50
n77(3700-3980)	30	80	M	DFT-256QAM	Outer_Full	18.98	18.46	21.74
n77(3700-3980)	30	80	M	DFT-256QAM	Inner_Full	18.82	18.39	21.62
n77(3700-3980)	30	80	M	DFT-256QAM	Inner_1RB_Left	18.84	18.69	21.78
n77(3700-3980)	30	80	M	DFT-256QAM	Inner_1RB_Right	18.36	18.59	21.49
n77(3700-3980)	30	80	H	DFT-BPSK	Outer_Full	23.68	23.09	26.41
n77(3700-3980)	30	80	H	DFT-BPSK	Inner_Full	24.56	24.46	27.52
n77(3700-3980)	30	80	H	DFT-BPSK	Inner_1RB_Left	24.75	24.38	27.58
n77(3700-3980)	30	80	H	DFT-BPSK	Inner_1RB_Right	24.6	24.29	27.46
n77(3700-3980)	30	80	H	DFT-QPSK	Outer_Full	22.16	21.22	24.73
n77(3700-3980)	30	80	H	DFT-QPSK	Inner_Full	24.09	23.01	26.59
n77(3700-3980)	30	80	H	DFT-QPSK	Inner_1RB_Left	24.08	23.39	26.76
n77(3700-3980)	30	80	H	DFT-QPSK	Inner_1RB_Right	24.06	23.38	26.74
n77(3700-3980)	30	80	H	DFT-16QAM	Outer_Full	21.5	20.99	24.26
n77(3700-3980)	30	80	H	DFT-16QAM	Inner_Full	22.83	22.04	25.46
n77(3700-3980)	30	80	H	DFT-16QAM	Inner_1RB_Left	22.64	22.06	25.37
n77(3700-3980)	30	80	H	DFT-16QAM	Inner_1RB_Right	22.46	22	25.25
n77(3700-3980)	30	80	H	DFT-64QAM	Outer_Full	20.7	20.37	23.55
n77(3700-3980)	30	80	H	DFT-64QAM	Inner_Full	21.8	21.28	24.56

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n77(3700-3980)	30	80	H	DFT-64QAM	Inner_1RB_Left	21.72	21.38	24.56
n77(3700-3980)	30	80	H	DFT-64QAM	Inner_1RB_Right	21.57	21.55	24.57
n77(3700-3980)	30	80	H	DFT-256QAM	Outer_Full	18.9	18.48	21.71
n77(3700-3980)	30	80	H	DFT-256QAM	Inner_Full	18.81	18.54	21.69
n77(3700-3980)	30	80	H	DFT-256QAM	Inner_1RB_Left	18.92	18.52	21.73
n77(3700-3980)	30	80	H	DFT-256QAM	Inner_1RB_Right	18.88	18.6	21.75
n77(3700-3980)	30	90	L	DFT-BPSK	Outer_Full	23.53	23.08	26.32
n77(3700-3980)	30	90	L	DFT-BPSK	Inner_Full	24.72	24.37	27.56
n77(3700-3980)	30	90	L	DFT-BPSK	Inner_1RB_Left	24.62	24.37	27.51
n77(3700-3980)	30	90	L	DFT-BPSK	Inner_1RB_Right	24.65	24.28	27.48
n77(3700-3980)	30	90	L	DFT-QPSK	Outer_Full	22.17	21.25	24.74
n77(3700-3980)	30	90	L	DFT-QPSK	Inner_Full	24.08	23.02	26.59
n77(3700-3980)	30	90	L	DFT-QPSK	Inner_1RB_Left	24.05	23.04	26.58
n77(3700-3980)	30	90	L	DFT-QPSK	Inner_1RB_Right	24.01	23.22	26.64
n77(3700-3980)	30	90	L	DFT-16QAM	Outer_Full	21.54	21.07	24.32
n77(3700-3980)	30	90	L	DFT-16QAM	Inner_Full	22.62	22.08	25.37
n77(3700-3980)	30	90	L	DFT-16QAM	Inner_1RB_Left	22.96	22.16	25.59
n77(3700-3980)	30	90	L	DFT-16QAM	Inner_1RB_Right	22.98	22.08	25.56
n77(3700-3980)	30	90	L	DFT-64QAM	Outer_Full	20.71	20.34	23.54
n77(3700-3980)	30	90	L	DFT-64QAM	Inner_Full	21.74	21.25	24.51
n77(3700-3980)	30	90	L	DFT-64QAM	Inner_1RB_Left	21.7	21.21	24.47
n77(3700-3980)	30	90	L	DFT-64QAM	Inner_1RB_Right	21.82	21.33	24.59
n77(3700-3980)	30	90	L	DFT-256QAM	Outer_Full	19.09	18.48	21.81
n77(3700-3980)	30	90	L	DFT-256QAM	Inner_Full	18.87	18.54	21.72
n77(3700-3980)	30	90	L	DFT-256QAM	Inner_1RB_Left	18.97	18.56	21.78
n77(3700-3980)	30	90	L	DFT-256QAM	Inner_1RB_Right	18.41	18.62	21.53
n77(3700-3980)	30	90	M	DFT-BPSK	Outer_Full	23.51	23.39	26.46
n77(3700-3980)	30	90	M	DFT-BPSK	Inner_Full	24.62	24.49	27.57
n77(3700-3980)	30	90	M	DFT-BPSK	Inner_1RB_Left	24.56	24.46	27.52
n77(3700-3980)	30	90	M	DFT-BPSK	Inner_1RB_Right	24.78	24.27	27.54

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n77(3700-3980)	30	90	M	DFT-QPSK	Outer_Full	22.19	21.28	24.77
n77(3700-3980)	30	90	M	DFT-QPSK	Inner_Full	24.02	23.22	26.65
n77(3700-3980)	30	90	M	DFT-QPSK	Inner_1RB_Left	24.05	23.2	26.66
n77(3700-3980)	30	90	M	DFT-QPSK	Inner_1RB_Right	24.03	23.36	26.72
n77(3700-3980)	30	90	M	DFT-16QAM	Outer_Full	21.34	21.04	24.20
n77(3700-3980)	30	90	M	DFT-16QAM	Inner_Full	22.48	22.03	25.27
n77(3700-3980)	30	90	M	DFT-16QAM	Inner_1RB_Left	22.5	22.24	25.38
n77(3700-3980)	30	90	M	DFT-16QAM	Inner_1RB_Right	22.76	22.06	25.43
n77(3700-3980)	30	90	M	DFT-64QAM	Outer_Full	20.89	20.38	23.65
n77(3700-3980)	30	90	M	DFT-64QAM	Inner_Full	21.57	21.29	24.44
n77(3700-3980)	30	90	M	DFT-64QAM	Inner_1RB_Left	21.73	21.18	24.47
n77(3700-3980)	30	90	M	DFT-64QAM	Inner_1RB_Right	21.6	21.37	24.50
n77(3700-3980)	30	90	M	DFT-256QAM	Outer_Full	18.96	18.5	21.75
n77(3700-3980)	30	90	M	DFT-256QAM	Inner_Full	18.83	18.33	21.60
n77(3700-3980)	30	90	M	DFT-256QAM	Inner_1RB_Left	18.91	18.69	21.81
n77(3700-3980)	30	90	M	DFT-256QAM	Inner_1RB_Right	18.31	18.62	21.48
n77(3700-3980)	30	90	H	DFT-BPSK	Outer_Full	23.64	23.21	26.44
n77(3700-3980)	30	90	H	DFT-BPSK	Inner_Full	24.75	24.41	27.59
n77(3700-3980)	30	90	H	DFT-BPSK	Inner_1RB_Left	24.6	24.25	27.44
n77(3700-3980)	30	90	H	DFT-BPSK	Inner_1RB_Right	24.56	24.26	27.42
n77(3700-3980)	30	90	H	DFT-QPSK	Outer_Full	22.12	21.37	24.77
n77(3700-3980)	30	90	H	DFT-QPSK	Inner_Full	24.12	23.18	26.69
n77(3700-3980)	30	90	H	DFT-QPSK	Inner_1RB_Left	24.04	23.26	26.68
n77(3700-3980)	30	90	H	DFT-QPSK	Inner_1RB_Right	24.02	23.31	26.69
n77(3700-3980)	30	90	H	DFT-16QAM	Outer_Full	21.69	20.94	24.34
n77(3700-3980)	30	90	H	DFT-16QAM	Inner_Full	22.71	22.01	25.38
n77(3700-3980)	30	90	H	DFT-16QAM	Inner_1RB_Left	22.59	22.06	25.34
n77(3700-3980)	30	90	H	DFT-16QAM	Inner_1RB_Right	22.46	22.08	25.28
n77(3700-3980)	30	90	H	DFT-64QAM	Outer_Full	20.76	20.29	23.54
n77(3700-3980)	30	90	H	DFT-64QAM	Inner_Full	21.79	21.39	24.60

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n77(3700-3980)	30	90	H	DFT-64QAM	Inner_1RB_Left	21.62	21.37	24.51
n77(3700-3980)	30	90	H	DFT-64QAM	Inner_1RB_Right	21.84	21.38	24.63
n77(3700-3980)	30	90	H	DFT-256QAM	Outer_Full	18.81	18.44	21.64
n77(3700-3980)	30	90	H	DFT-256QAM	Inner_Full	18.82	18.51	21.68
n77(3700-3980)	30	90	H	DFT-256QAM	Inner_1RB_Left	18.82	18.58	21.71
n77(3700-3980)	30	90	H	DFT-256QAM	Inner_1RB_Right	18.87	18.62	21.76
n77(3700-3980)	30	100	L	DFT-BPSK	Outer_Full	23.59	23.08	26.35
n77(3700-3980)	30	100	L	DFT-BPSK	Inner_Full	24.65	24.39	27.53
n77(3700-3980)	30	100	L	DFT-BPSK	Inner_1RB_Left	24.79	24.37	27.60
n77(3700-3980)	30	100	L	DFT-BPSK	Inner_1RB_Right	24.6	24.28	27.45
n77(3700-3980)	30	100	L	DFT-QPSK	Outer_Full	22.14	21.33	24.76
n77(3700-3980)	30	100	L	DFT-QPSK	Inner_Full	24.04	23.14	26.62
n77(3700-3980)	30	100	L	DFT-QPSK	Inner_1RB_Left	24.15	23.18	26.70
n77(3700-3980)	30	100	L	DFT-QPSK	Inner_1RB_Right	24.16	23.24	26.73
n77(3700-3980)	30	100	L	DFT-16QAM	Outer_Full	21.62	20.9	24.29
n77(3700-3980)	30	100	L	DFT-16QAM	Inner_Full	22.64	22.29	25.48
n77(3700-3980)	30	100	L	DFT-16QAM	Inner_1RB_Left	22.95	22	25.51
n77(3700-3980)	30	100	L	DFT-16QAM	Inner_1RB_Right	22.85	22.01	25.46
n77(3700-3980)	30	100	L	DFT-64QAM	Outer_Full	20.68	20.37	23.54
n77(3700-3980)	30	100	L	DFT-64QAM	Inner_Full	21.78	21.35	24.58
n77(3700-3980)	30	100	L	DFT-64QAM	Inner_1RB_Left	21.7	21.09	24.42
n77(3700-3980)	30	100	L	DFT-64QAM	Inner_1RB_Right	21.69	21.23	24.48
n77(3700-3980)	30	100	L	DFT-256QAM	Outer_Full	18.93	18.27	21.62
n77(3700-3980)	30	100	L	DFT-256QAM	Inner_Full	18.87	18.56	21.73
n77(3700-3980)	30	100	L	DFT-256QAM	Inner_1RB_Left	18.97	18.36	21.69
n77(3700-3980)	30	100	L	DFT-256QAM	Inner_1RB_Right	18.37	18.08	21.24
n77(3700-3980)	30	100	M	DFT-BPSK	Outer_Full	23.53	23.16	26.36
n77(3700-3980)	30	100	M	DFT-BPSK	Inner_Full	24.56	24.43	27.51
n77(3700-3980)	30	100	M	DFT-BPSK	Inner_1RB_Left	24.62	24.47	27.56
n77(3700-3980)	30	100	M	DFT-BPSK	Inner_1RB_Right	24.77	24.28	27.54

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n77(3700-3980)	30	100	M	DFT-QPSK	Outer_Full	22.08	21.21	24.68
n77(3700-3980)	30	100	M	DFT-QPSK	Inner_Full	24.01	23.09	26.58
n77(3700-3980)	30	100	M	DFT-QPSK	Inner_1RB_Left	24	23.12	26.59
n77(3700-3980)	30	100	M	DFT-QPSK	Inner_1RB_Right	24.02	23.23	26.65
n77(3700-3980)	30	100	M	DFT-16QAM	Outer_Full	21.48	21.05	24.28
n77(3700-3980)	30	100	M	DFT-16QAM	Inner_Full	22.5	22.14	25.33
n77(3700-3980)	30	100	M	DFT-16QAM	Inner_1RB_Left	22.63	22.03	25.35
n77(3700-3980)	30	100	M	DFT-16QAM	Inner_1RB_Right	22.85	22.07	25.49
n77(3700-3980)	30	100	M	DFT-64QAM	Outer_Full	20.85	20.33	23.61
n77(3700-3980)	30	100	M	DFT-64QAM	Inner_Full	21.53	21.21	24.38
n77(3700-3980)	30	100	M	DFT-64QAM	Inner_1RB_Left	21.89	21.3	24.62
n77(3700-3980)	30	100	M	DFT-64QAM	Inner_1RB_Right	21.87	21.38	24.64
n77(3700-3980)	30	100	M	DFT-256QAM	Outer_Full	19.06	18.52	21.81
n77(3700-3980)	30	100	M	DFT-256QAM	Inner_Full	18.81	18.44	21.64
n77(3700-3980)	30	100	M	DFT-256QAM	Inner_1RB_Left	18.97	18.38	21.70
n77(3700-3980)	30	100	M	DFT-256QAM	Inner_1RB_Right	18.32	18.56	21.45
n77(3700-3980)	30	100	H	DFT-BPSK	Outer_Full	23.59	23.16	26.39
n77(3700-3980)	30	100	H	DFT-BPSK	Inner_Full	24.68	24.29	27.50
n77(3700-3980)	30	100	H	DFT-BPSK	Inner_1RB_Left	24.75	24.46	27.62
n77(3700-3980)	30	100	H	DFT-BPSK	Inner_1RB_Right	24.53	24.22	27.39
n77(3700-3980)	30	100	H	DFT-QPSK	Outer_Full	22.13	21.21	24.70
n77(3700-3980)	30	100	H	DFT-QPSK	Inner_Full	24.06	23.14	26.63
n77(3700-3980)	30	100	H	DFT-QPSK	Inner_1RB_Left	24.19	23.21	26.74
n77(3700-3980)	30	100	H	DFT-QPSK	Inner_1RB_Right	24.06	23.24	26.68
n77(3700-3980)	30	100	H	DFT-16QAM	Outer_Full	21.53	21.08	24.32
n77(3700-3980)	30	100	H	DFT-16QAM	Inner_Full	22.72	22.1	25.43
n77(3700-3980)	30	100	H	DFT-16QAM	Inner_1RB_Left	22.65	22	25.35
n77(3700-3980)	30	100	H	DFT-16QAM	Inner_1RB_Right	22.58	22.06	25.34
n77(3700-3980)	30	100	H	DFT-64QAM	Outer_Full	20.79	20.36	23.59
n77(3700-3980)	30	100	H	DFT-64QAM	Inner_Full	21.83	21.15	24.51

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n77(3700-3980)	30	100	H	DFT-64QAM	Inner_1RB_Left	21.92	21.38	24.67
n77(3700-3980)	30	100	H	DFT-64QAM	Inner_1RB_Right	21.82	21.35	24.60
n77(3700-3980)	30	100	H	DFT-256QAM	Outer_Full	19.07	18.42	21.77
n77(3700-3980)	30	100	H	DFT-256QAM	Inner_Full	18.8	18.3	21.57
n77(3700-3980)	30	100	H	DFT-256QAM	Inner_1RB_Left	18.9	18.55	21.74
n77(3700-3980)	30	100	H	DFT-256QAM	Inner_1RB_Right	18.69	18.38	21.55

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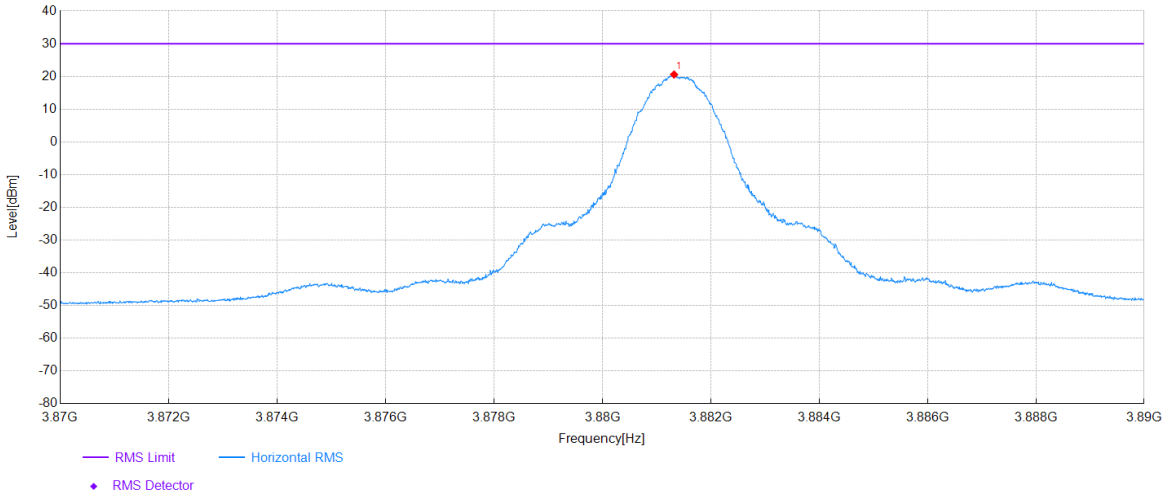
Maximum EIRP Value Of MIMO Tested By Radiated Method

Project Information			
Mode:	NR UL MIMO	Band:	n77(3700-3980MHz)
Bandwidth:	100MHz	Channel:	High
SN:	C7X2QQ002A	Engineer:	Shen Zhuang
Remark:	Inner_1RB_Left		

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity	Verdict
1	3881.32	108.19	-87.61	20.58	30.00	9.42	Horizontal	PASS

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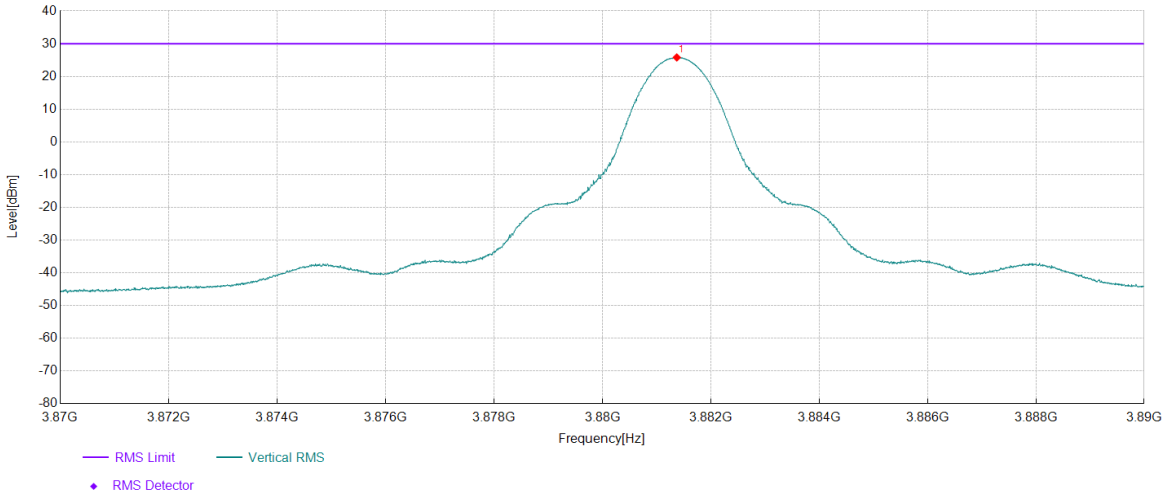
Project Information			
Mode:	NR UL MIMO	Band:	n77(3700-3980MHz)
Bandwidth:	100MHz	Channel:	High
SN:	C7X2QQ002A	Engineer:	Shen Zhuang
Remark:	Inner_1RB_Left		

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity	Verdict
1	3881.37	113.40	-87.60	25.80	30.00	4.20	Vertical	PASS

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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	6.29	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	7.62	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	5.95	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	7.24	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	5.77	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	7.06	≤13	PASS

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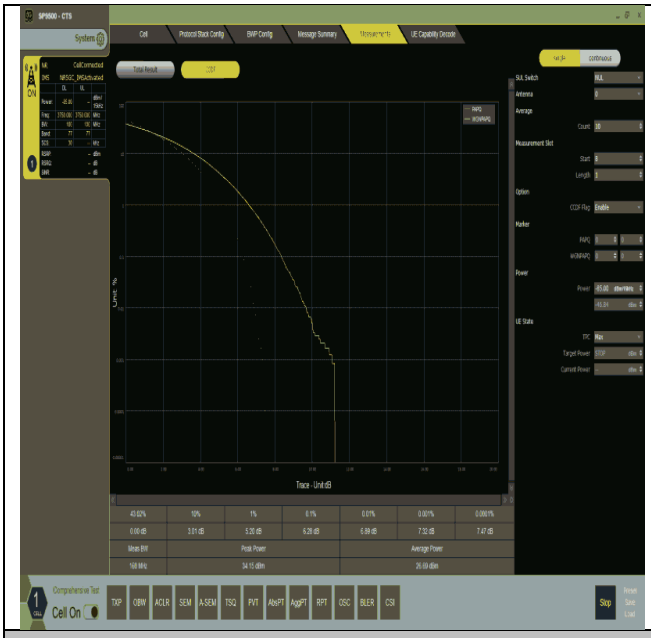
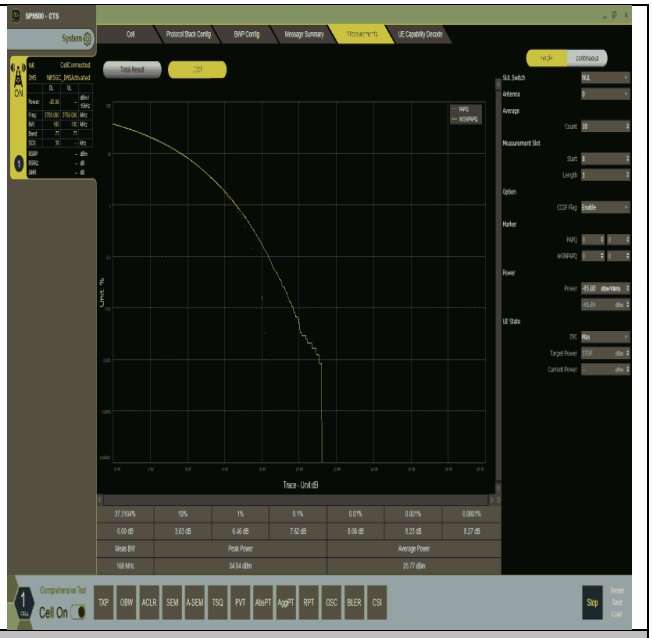
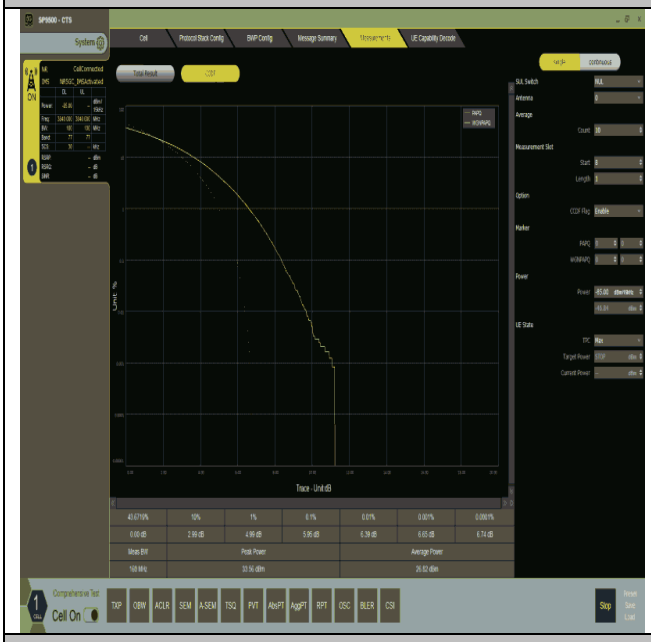
Test Graphs



NTNV,N77-3700-3980_PC2_30_100_L_TID17_NS_01#1



NTNV,N77-3700-3980_PC2_30_100_L_TID33_NS_01#1



NTNV,N77-3700-3980_PC2_30_100_M_TID17_NS_01#1

NTNV,N77-3700-3980_PC2_30_100_M_TID33_NS_01#1

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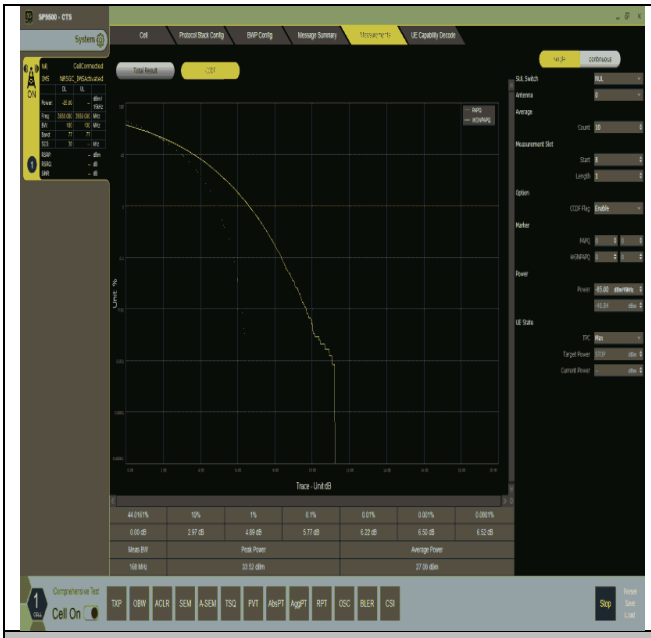	
NTNV,N77-3700-3980_PC2_30_100_H_TID17_NS_01#1	NTNV,N77-3700-3980_PC2_30_100_H_TID33_NS_01#1

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.5984	9.684	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	8.6109	9.843	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.5971	9.750	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.5885	9.725	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.6080	9.995	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.6293	10.13	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.6228	10.14	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.6106	9.934	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.6252	9.959	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.5989	9.931	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.5786	9.850	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.6141	9.964	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.5900	9.960	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.5890	9.805	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.6205	10.04	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.5998	10.11	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.6200	9.894	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.6097	9.844	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.6004	9.705	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.5876	9.726	PASS

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N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.5990	9.741	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.5798	9.715	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.6218	9.888	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.6078	9.924	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.6135	10.06	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.6183	9.917	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.6017	9.758	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.892	14.25	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.915	14.46	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.889	14.33	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.851	13.96	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.878	14.10	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.603	15.30	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.600	15.13	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.628	15.27	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.577	14.91	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.899	14.32	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.878	14.36	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.934	14.49	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.875	14.36	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.879	14.26	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.605	15.20	PASS
N77-3700-	30	15	CP-16QAM	M	Outer_Full	13.603	15.18	PASS

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3980								
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.615	15.24	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.603	15.17	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.899	14.24	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.882	14.31	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.899	14.28	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.853	13.94	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.875	14.05	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.621	15.39	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.589	15.07	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.625	15.20	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.569	14.97	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.846	19.58	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.847	19.33	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.888	19.53	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.899	19.42	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.845	19.53	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.216	19.97	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.249	19.87	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.223	19.84	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.235	20.07	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.861	19.36	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.883	19.33	PASS

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N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.912	19.74	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.888	19.33	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.882	19.57	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.247	20.03	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.231	20.15	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.227	19.83	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.237	19.99	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.855	19.29	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.855	19.42	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.889	19.33	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.875	19.27	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.847	19.18	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.215	19.93	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.275	19.89	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.196	19.57	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.221	19.71	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	L	Outer_Full	22.865	24.60	PASS
N77-3700-3980	30	25	DFT-QPSK	L	Outer_Full	22.931	24.59	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Outer_Full	22.892	24.52	PASS
N77-3700-3980	30	25	DFT-64QAM	L	Outer_Full	22.894	24.66	PASS
N77-3700-3980	30	25	DFT-256QAM	L	Outer_Full	22.849	24.47	PASS
N77-3700-3980	30	25	CP-QPSK	L	Outer_Full	23.230	25.04	PASS
N77-3700-	30	25	CP-16QAM	L	Outer_Full	23.215	24.90	PASS

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3980								
N77-3700-3980	30	25	CP-64QAM	L	Outer_Full	23.244	24.92	PASS
N77-3700-3980	30	25	CP-256QAM	L	Outer_Full	23.243	24.92	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	M	Outer_Full	22.872	24.45	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	22.940	24.57	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Outer_Full	22.897	24.60	PASS
N77-3700-3980	30	25	DFT-64QAM	M	Outer_Full	22.941	24.67	PASS
N77-3700-3980	30	25	DFT-256QAM	M	Outer_Full	22.844	24.61	PASS
N77-3700-3980	30	25	CP-QPSK	M	Outer_Full	23.227	25.15	PASS
N77-3700-3980	30	25	CP-16QAM	M	Outer_Full	23.201	24.87	PASS
N77-3700-3980	30	25	CP-64QAM	M	Outer_Full	23.256	25.20	PASS
N77-3700-3980	30	25	CP-256QAM	M	Outer_Full	23.252	24.99	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	H	Outer_Full	22.892	24.49	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Outer_Full	22.951	24.72	PASS
N77-3700-3980	30	25	DFT-16QAM	H	Outer_Full	22.908	24.53	PASS
N77-3700-3980	30	25	DFT-64QAM	H	Outer_Full	22.930	24.87	PASS
N77-3700-3980	30	25	DFT-256QAM	H	Outer_Full	22.838	24.68	PASS
N77-3700-3980	30	25	CP-QPSK	H	Outer_Full	23.247	25.12	PASS
N77-3700-3980	30	25	CP-16QAM	H	Outer_Full	23.190	24.98	PASS
N77-3700-3980	30	25	CP-64QAM	H	Outer_Full	23.256	25.06	PASS
N77-3700-3980	30	25	CP-256QAM	H	Outer_Full	23.255	24.92	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	26.815	28.59	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	26.857	28.70	PASS

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N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	26.869	28.71	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	26.802	28.53	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	26.861	28.70	PASS
N77-3700-3980	30	30	CP-QPSK	L	Outer_Full	27.882	30.20	PASS
N77-3700-3980	30	30	CP-16QAM	L	Outer_Full	27.903	29.73	PASS
N77-3700-3980	30	30	CP-64QAM	L	Outer_Full	27.863	29.98	PASS
N77-3700-3980	30	30	CP-256QAM	L	Outer_Full	27.865	29.79	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.819	28.78	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.842	28.70	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.882	28.69	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.797	28.63	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.871	28.72	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.911	30.08	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.888	29.70	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.851	29.97	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.865	29.76	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	26.827	28.63	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	26.841	28.76	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	26.857	28.64	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	26.824	28.42	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	26.849	28.63	PASS
N77-3700-3980	30	30	CP-QPSK	H	Outer_Full	27.849	29.93	PASS
N77-3700-	30	30	CP-16QAM	H	Outer_Full	27.905	29.76	PASS

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3980								
N77-3700-3980	30	30	CP-64QAM	H	Outer_Full	27.859	29.83	PASS
N77-3700-3980	30	30	CP-256QAM	H	Outer_Full	27.844	29.66	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.796	37.83	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.692	37.68	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.687	37.75	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.719	37.80	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.725	37.64	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.862	40.08	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.820	40.14	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.896	40.31	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.992	39.96	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.796	38.02	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.714	37.73	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.717	37.80	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.726	37.75	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.705	37.51	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.886	40.27	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.854	40.34	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.891	40.19	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	38.030	40.19	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.792	37.80	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.746	37.70	PASS

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N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.739	37.76	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.739	37.81	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.725	37.81	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.898	40.04	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.823	40.06	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.919	39.95	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.990	40.13	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.663	47.98	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.675	48.13	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.781	48.21	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.745	47.99	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.681	47.74	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.524	50.16	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.559	49.66	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.454	50.09	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.476	49.58	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.810	48.15	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.654	48.01	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.856	47.91	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.720	47.92	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.698	47.91	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.581	50.03	PASS
N77-3700-	30	50	CP-16QAM	M	Outer_Full	47.592	50.12	PASS

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3980								
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.460	52.97	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.518	49.85	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.741	47.88	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.681	48.07	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.845	48.20	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.734	48.08	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.716	47.81	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.562	50.10	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.585	49.81	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.435	50.00	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.514	49.64	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.750	60.39	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.915	60.52	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.892	60.37	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.962	60.66	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.879	60.56	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.868	60.38	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.885	60.57	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.816	60.41	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.801	60.30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.724	60.42	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.846	60.53	PASS

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N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.903	60.65	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	58.002	60.56	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.840	60.55	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.826	60.43	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.866	60.47	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.809	65.08	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.796	60.44	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.840	60.38	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.897	60.60	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.938	60.48	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.996	60.53	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.880	60.42	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.835	60.50	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.810	60.48	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.752	60.37	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.806	60.44	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.268	67.02	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.210	66.86	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.235	66.87	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.316	67.06	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.221	66.87	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.414	70.39	PASS
N77-3700-	30	70	CP-16QAM	L	Outer_Full	67.421	70.46	PASS

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3980								
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.433	70.30	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.484	70.31	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.344	67.17	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.327	66.95	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.248	67.00	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.321	67.26	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.238	66.88	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.479	70.36	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.427	70.38	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.480	70.28	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.487	70.50	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.328	67.10	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.281	66.97	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	64.241	66.92	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.326	67.19	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.233	66.90	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.456	70.17	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.355	70.32	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.414	70.24	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.445	70.40	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.053	80.24	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	77.096	80.20	PASS

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N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.116	80.07	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	77.186	80.15	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.101	80.40	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.458	80.81	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.454	80.47	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.580	80.59	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.403	80.68	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.094	80.15	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.113	80.37	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.173	80.26	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.112	80.07	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.060	80.15	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.505	80.74	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.423	80.62	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.596	80.61	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.383	80.47	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.063	80.43	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.096	80.35	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.117	80.33	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	77.153	80.12	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	77.058	80.21	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.435	80.75	PASS
N77-3700-	30	80	CP-16QAM	H	Outer_Full	77.466	80.54	PASS

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3980								
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.592	80.73	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.377	80.54	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	86.767	90.25	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	86.639	90.13	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	87.072	90.18	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	86.924	90.08	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	86.771	89.96	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.489	90.80	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.552	90.92	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.628	90.81	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.476	90.78	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	86.781	89.99	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	86.522	90.09	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	86.895	90.03	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	86.871	90.08	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	86.615	90.14	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.433	90.90	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.587	90.98	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.524	90.86	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.452	90.59	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	86.774	90.26	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	86.691	90.05	PASS

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N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	86.966	90.05	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	86.956	90.19	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	86.731	89.99	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.463	90.78	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.620	91.00	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.674	90.89	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.478	90.50	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.486	99.88	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.400	100.1	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.434	100.0	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.498	100.1	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.340	100.1	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.525	101.2	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.518	101.0	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.489	101.1	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.534	101.0	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.437	100.2	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.238	100.2	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.387	100.0	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.471	100.1	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.343	100.1	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.402	101.3	PASS
N77-3700-	30	100	CP-16QAM	M	Outer_Full	97.455	101.1	PASS

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3980								
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.432	101.1	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.499	101.0	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.448	100.1	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.261	100.1	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.481	100.1	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	96.415	100.2	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.358	100.0	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.387	101.3	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.385	101.1	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.374	101.2	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.496	101.0	PASS

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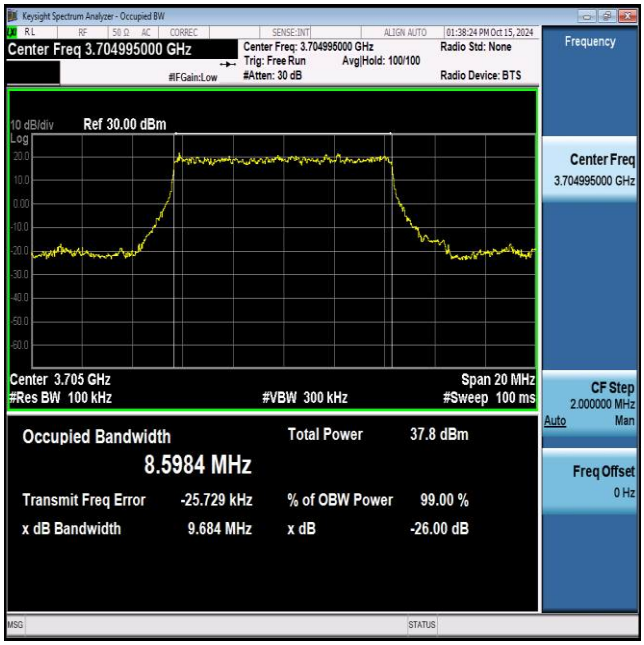
Test Graphs



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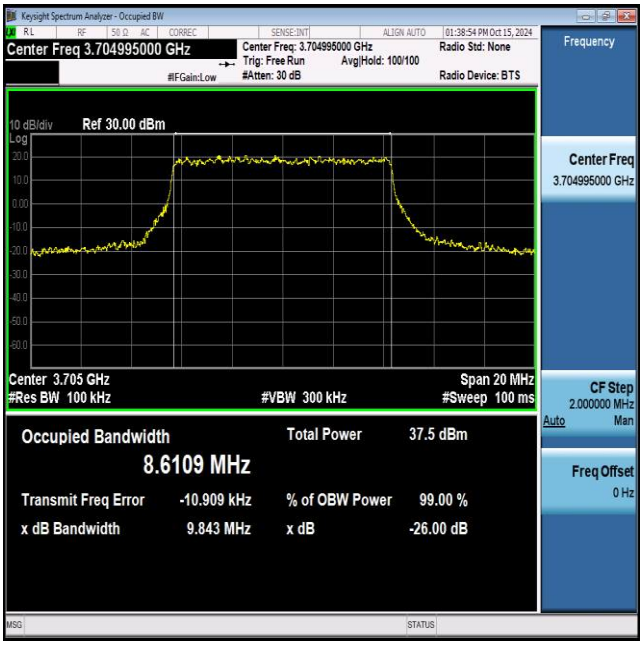

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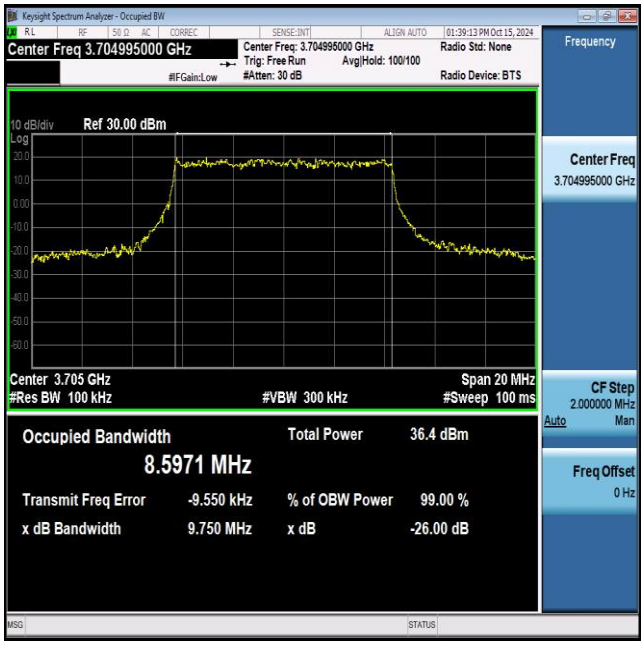

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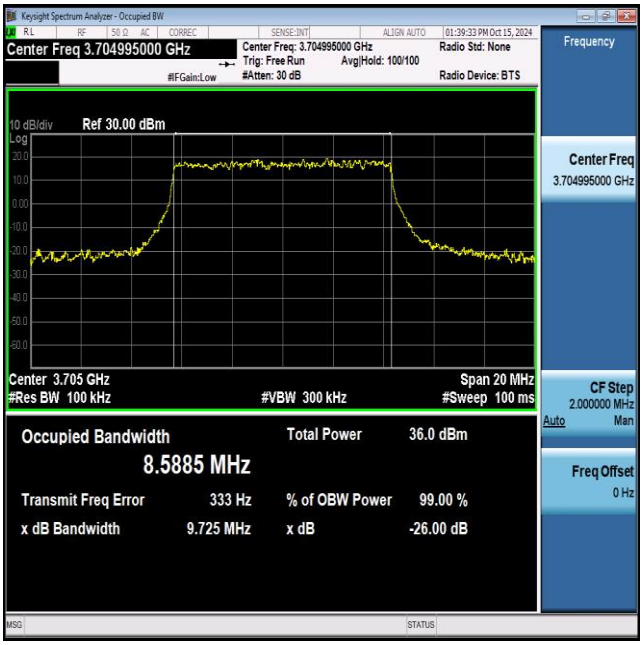

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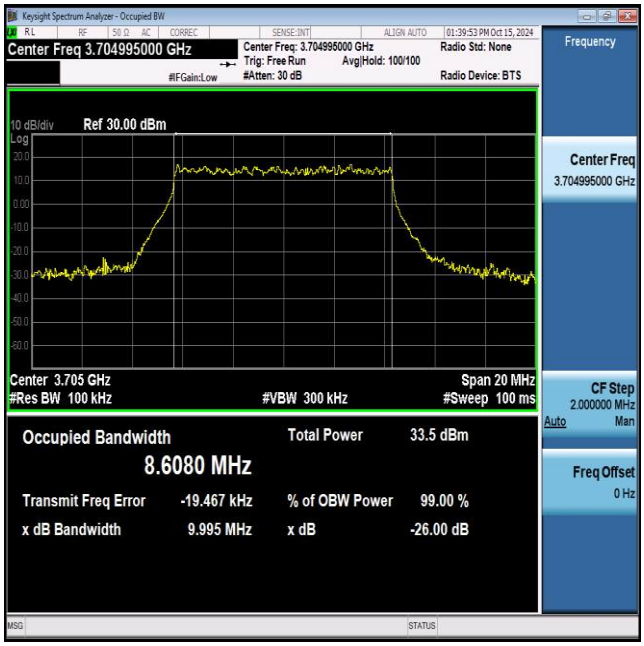

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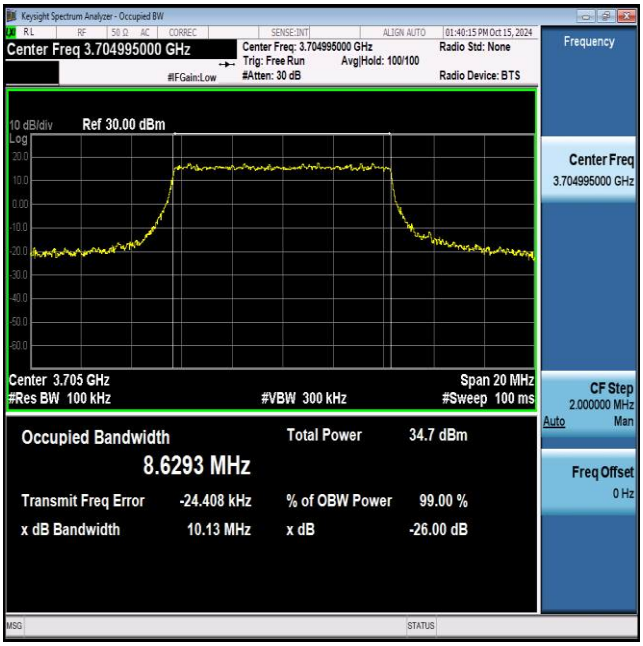

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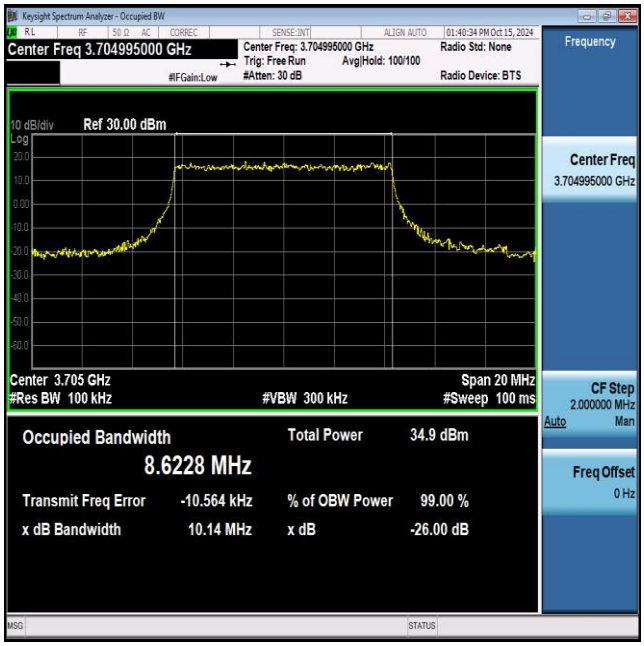

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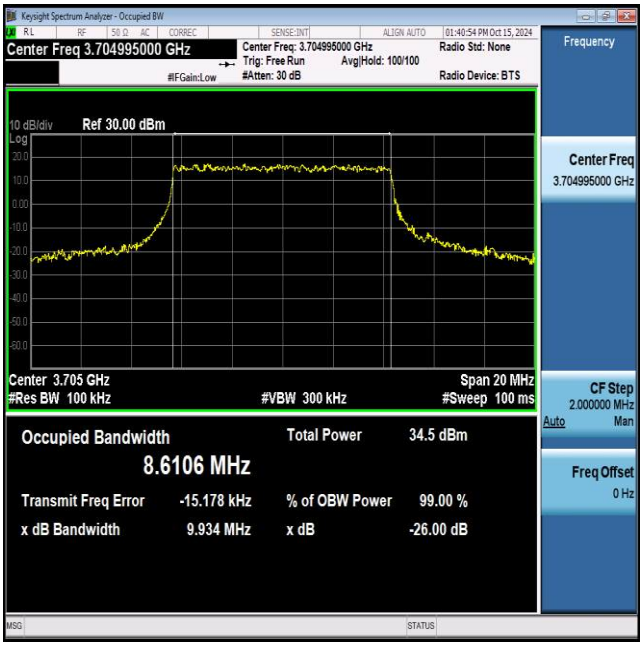

NTNV_N77-3700-3980_PC2_30_10_L_TID8_Ant1#1

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