

n77H	15	30	3840	DFT	256QAM	Inner_Full	20.36	17.56
n77H	15	30	3840	DFT	256QAM	Edge_1RB_Left	20.31	17.51
n77H	15	30	3840	DFT	256QAM	Edge_1RB_Right	20.31	17.51
n77H	15	30	3840	DFT	256QAM	Outer_Full	20.19	17.39
n77H	15	30	3840	CP	QPSK	Inner_Full	23.10	20.30
n77H	15	30	3840	CP	QPSK	Edge_1RB_Left	20.81	18.01
n77H	15	30	3840	CP	QPSK	Edge_1RB_Right	21.06	18.26
n77H	15	30	3840	CP	QPSK	Outer_Full	21.61	18.81
n77H	15	30	3840	CP	16QAM	Inner_Full	22.68	19.88
n77H	15	30	3840	CP	16QAM	Edge_1RB_Left	20.96	18.16
n77H	15	30	3840	CP	16QAM	Edge_1RB_Right	20.96	18.16
n77H	15	30	3840	CP	16QAM	Outer_Full	21.45	18.65
n77H	15	30	3840	CP	64QAM	Inner_Full	20.92	18.12
n77H	15	30	3840	CP	64QAM	Edge_1RB_Left	20.92	18.12
n77H	15	30	3840	CP	64QAM	Edge_1RB_Right	20.74	17.94
n77H	15	30	3840	CP	64QAM	Outer_Full	20.97	18.17
n77H	15	30	3840	CP	256QAM	Inner_Full	18.16	15.36
n77H	15	30	3840	CP	256QAM	Edge_1RB_Left	18.35	15.55
n77H	15	30	3840	CP	256QAM	Edge_1RB_Right	18.11	15.31
n77H	15	30	3840	CP	256QAM	Outer_Full	18.09	15.29
n77H	15	30	3972.48	DFT	pi/2 BPSK	Inner_Full	25.55	22.75
n77H	15	30	3972.48	DFT	pi/2 BPSK	Edge_1RB_Left	21.96	19.16
n77H	15	30	3972.48	DFT	pi/2 BPSK	Edge_1RB_Right	21.88	19.08
n77H	15	30	3972.48	DFT	pi/2 BPSK	Outer_Full	24.95	22.15
n77H	15	30	3972.48	DFT	QPSK	Inner_Full	25.57	22.77
n77H	15	30	3972.48	DFT	QPSK	Edge_1RB_Left	21.89	19.09
n77H	15	30	3972.48	DFT	QPSK	Edge_1RB_Right	21.87	19.07
n77H	15	30	3972.48	DFT	QPSK	Outer_Full	24.51	21.71
n77H	15	30	3972.48	DFT	16QAM	Inner_Full	24.64	21.84
n77H	15	30	3972.48	DFT	16QAM	Edge_1RB_Left	21.84	19.04
n77H	15	30	3972.48	DFT	16QAM	Edge_1RB_Right	21.62	18.82
n77H	15	30	3972.48	DFT	16QAM	Outer_Full	23.52	20.72
n77H	15	30	3972.48	DFT	64QAM	Inner_Full	23.07	20.27
n77H	15	30	3972.48	DFT	64QAM	Edge_1RB_Left	21.99	19.19
n77H	15	30	3972.48	DFT	64QAM	Edge_1RB_Right	22.12	19.32
n77H	15	30	3972.48	DFT	64QAM	Outer_Full	23.05	20.25
n77H	15	30	3972.48	DFT	256QAM	Inner_Full	21.17	18.37
n77H	15	30	3972.48	DFT	256QAM	Edge_1RB_Left	21.36	18.56
n77H	15	30	3972.48	DFT	256QAM	Edge_1RB_Right	21.19	18.39
n77H	15	30	3972.48	DFT	256QAM	Outer_Full	21.19	18.39
n77H	15	30	3972.48	CP	QPSK	Inner_Full	24.06	21.26

n77H	15	30	3972.48	CP	QPSK	Edge_1RB_Left	21.96	19.16
n77H	15	30	3972.48	CP	QPSK	Edge_1RB_Right	21.80	19.00
n77H	15	30	3972.48	CP	QPSK	Outer_Full	22.42	19.62
n77H	15	30	3972.48	CP	16QAM	Inner_Full	23.74	20.94
n77H	15	30	3972.48	CP	16QAM	Edge_1RB_Left	21.80	19.00
n77H	15	30	3972.48	CP	16QAM	Edge_1RB_Right	21.96	19.16
n77H	15	30	3972.48	CP	16QAM	Outer_Full	22.49	19.69
n77H	15	30	3972.48	CP	64QAM	Inner_Full	22.04	19.24
n77H	15	30	3972.48	CP	64QAM	Edge_1RB_Left	22.23	19.43
n77H	15	30	3972.48	CP	64QAM	Edge_1RB_Right	21.95	19.15
n77H	15	30	3972.48	CP	64QAM	Outer_Full	21.96	19.16
n77H	15	30	3972.48	CP	256QAM	Inner_Full	19.12	16.32
n77H	15	30	3972.48	CP	256QAM	Edge_1RB_Left	19.03	16.23
n77H	15	30	3972.48	CP	256QAM	Edge_1RB_Right	19.05	16.25
n77H	15	30	3972.48	CP	256QAM	Outer_Full	19.08	16.28
n77H	20	30	3710.01	DFT	$\pi/2$ BPSK	Inner_Full	25.07	22.27
n77H	20	30	3710.01	DFT	$\pi/2$ BPSK	Edge_1RB_Left	21.41	18.61
n77H	20	30	3710.01	DFT	$\pi/2$ BPSK	Edge_1RB_Right	21.69	18.89
n77H	20	30	3710.01	DFT	$\pi/2$ BPSK	Outer_Full	24.73	21.93
n77H	20	30	3710.01	DFT	QPSK	Inner_Full	25.28	22.48
n77H	20	30	3710.01	DFT	QPSK	Edge_1RB_Left	21.66	18.86
n77H	20	30	3710.01	DFT	QPSK	Edge_1RB_Right	21.77	18.97
n77H	20	30	3710.01	DFT	QPSK	Outer_Full	24.13	21.33
n77H	20	30	3710.01	DFT	16QAM	Inner_Full	24.15	21.35
n77H	20	30	3710.01	DFT	16QAM	Edge_1RB_Left	21.34	18.54
n77H	20	30	3710.01	DFT	16QAM	Edge_1RB_Right	21.54	18.74
n77H	20	30	3710.01	DFT	16QAM	Outer_Full	23.14	20.34
n77H	20	30	3710.01	DFT	64QAM	Inner_Full	22.84	20.04
n77H	20	30	3710.01	DFT	64QAM	Edge_1RB_Left	21.85	19.05
n77H	20	30	3710.01	DFT	64QAM	Edge_1RB_Right	21.73	18.93
n77H	20	30	3710.01	DFT	64QAM	Outer_Full	22.79	19.99
n77H	20	30	3710.01	DFT	256QAM	Inner_Full	20.73	17.93
n77H	20	30	3710.01	DFT	256QAM	Edge_1RB_Left	20.96	18.16
n77H	20	30	3710.01	DFT	256QAM	Edge_1RB_Right	21.02	18.22
n77H	20	30	3710.01	DFT	256QAM	Outer_Full	20.64	17.84
n77H	20	30	3710.01	CP	QPSK	Inner_Full	23.73	20.93
n77H	20	30	3710.01	CP	QPSK	Edge_1RB_Left	21.53	18.73
n77H	20	30	3710.01	CP	QPSK	Edge_1RB_Right	21.45	18.65
n77H	20	30	3710.01	CP	QPSK	Outer_Full	22.14	19.34
n77H	20	30	3710.01	CP	16QAM	Inner_Full	23.18	20.38
n77H	20	30	3710.01	CP	16QAM	Edge_1RB_Left	21.89	19.09

n77H	20	30	3710.01	CP	16QAM	Edge_1RB_Right	21.66	18.86
n77H	20	30	3710.01	CP	16QAM	Outer_Full	22.25	19.45
n77H	20	30	3710.01	CP	64QAM	Inner_Full	21.60	18.80
n77H	20	30	3710.01	CP	64QAM	Edge_1RB_Left	21.93	19.13
n77H	20	30	3710.01	CP	64QAM	Edge_1RB_Right	21.77	18.97
n77H	20	30	3710.01	CP	64QAM	Outer_Full	21.87	19.07
n77H	20	30	3710.01	CP	256QAM	Inner_Full	18.82	16.02
n77H	20	30	3710.01	CP	256QAM	Edge_1RB_Left	18.61	15.81
n77H	20	30	3710.01	CP	256QAM	Edge_1RB_Right	18.95	16.15
n77H	20	30	3710.01	CP	256QAM	Outer_Full	18.75	15.95
n77H	20	30	3840	DFT	pi/2 BPSK	Inner_Full	24.57	21.77
n77H	20	30	3840	DFT	pi/2 BPSK	Edge_1RB_Left	20.63	17.83
n77H	20	30	3840	DFT	pi/2 BPSK	Edge_1RB_Right	20.94	18.14
n77H	20	30	3840	DFT	pi/2 BPSK	Outer_Full	24.03	21.23
n77H	20	30	3840	DFT	QPSK	Inner_Full	24.52	21.72
n77H	20	30	3840	DFT	QPSK	Edge_1RB_Left	20.98	18.18
n77H	20	30	3840	DFT	QPSK	Edge_1RB_Right	20.95	18.15
n77H	20	30	3840	DFT	QPSK	Outer_Full	23.59	20.79
n77H	20	30	3840	DFT	16QAM	Inner_Full	23.74	20.94
n77H	20	30	3840	DFT	16QAM	Edge_1RB_Left	20.57	17.77
n77H	20	30	3840	DFT	16QAM	Edge_1RB_Right	20.98	18.18
n77H	20	30	3840	DFT	16QAM	Outer_Full	22.62	19.82
n77H	20	30	3840	DFT	64QAM	Inner_Full	22.13	19.33
n77H	20	30	3840	DFT	64QAM	Edge_1RB_Left	20.99	18.19
n77H	20	30	3840	DFT	64QAM	Edge_1RB_Right	21.28	18.48
n77H	20	30	3840	DFT	64QAM	Outer_Full	22.05	19.25
n77H	20	30	3840	DFT	256QAM	Inner_Full	20.19	17.39
n77H	20	30	3840	DFT	256QAM	Edge_1RB_Left	20.26	17.46
n77H	20	30	3840	DFT	256QAM	Edge_1RB_Right	20.14	17.34
n77H	20	30	3840	DFT	256QAM	Outer_Full	20.24	17.44
n77H	20	30	3840	CP	QPSK	Inner_Full	22.94	20.14
n77H	20	30	3840	CP	QPSK	Edge_1RB_Left	21.14	18.34
n77H	20	30	3840	CP	QPSK	Edge_1RB_Right	21.13	18.33
n77H	20	30	3840	CP	QPSK	Outer_Full	21.56	18.76
n77H	20	30	3840	CP	16QAM	Inner_Full	22.71	19.91
n77H	20	30	3840	CP	16QAM	Edge_1RB_Left	21.19	18.39
n77H	20	30	3840	CP	16QAM	Edge_1RB_Right	21.09	18.29
n77H	20	30	3840	CP	16QAM	Outer_Full	21.65	18.85
n77H	20	30	3840	CP	64QAM	Inner_Full	21.07	18.27
n77H	20	30	3840	CP	64QAM	Edge_1RB_Left	20.71	17.91
n77H	20	30	3840	CP	64QAM	Edge_1RB_Right	21.04	18.24

n77H	20	30	3840	CP	64QAM	Outer_Full	21.06	18.26
n77H	20	30	3840	CP	256QAM	Inner_Full	18.15	15.35
n77H	20	30	3840	CP	256QAM	Edge_1RB_Left	18.32	15.52
n77H	20	30	3840	CP	256QAM	Edge_1RB_Right	18.31	15.51
n77H	20	30	3840	CP	256QAM	Outer_Full	18.11	15.31
n77H	20	30	3969.99	DFT	pi/2 BPSK	Inner_Full	25.45	22.65
n77H	20	30	3969.99	DFT	pi/2 BPSK	Edge_1RB_Left	21.89	19.09
n77H	20	30	3969.99	DFT	pi/2 BPSK	Edge_1RB_Right	21.89	19.09
n77H	20	30	3969.99	DFT	pi/2 BPSK	Outer_Full	25.02	22.22
n77H	20	30	3969.99	DFT	QPSK	Inner_Full	25.49	22.69
n77H	20	30	3969.99	DFT	QPSK	Edge_1RB_Left	21.88	19.08
n77H	20	30	3969.99	DFT	QPSK	Edge_1RB_Right	22.00	19.20
n77H	20	30	3969.99	DFT	QPSK	Outer_Full	24.51	21.71
n77H	20	30	3969.99	DFT	16QAM	Inner_Full	24.52	21.72
n77H	20	30	3969.99	DFT	16QAM	Edge_1RB_Left	21.86	19.06
n77H	20	30	3969.99	DFT	16QAM	Edge_1RB_Right	21.96	19.16
n77H	20	30	3969.99	DFT	16QAM	Outer_Full	23.55	20.75
n77H	20	30	3969.99	DFT	64QAM	Inner_Full	23.06	20.26
n77H	20	30	3969.99	DFT	64QAM	Edge_1RB_Left	22.08	19.28
n77H	20	30	3969.99	DFT	64QAM	Edge_1RB_Right	21.78	18.98
n77H	20	30	3969.99	DFT	64QAM	Outer_Full	22.99	20.19
n77H	20	30	3969.99	DFT	256QAM	Inner_Full	21.12	18.32
n77H	20	30	3969.99	DFT	256QAM	Edge_1RB_Left	21.09	18.29
n77H	20	30	3969.99	DFT	256QAM	Edge_1RB_Right	21.08	18.28
n77H	20	30	3969.99	DFT	256QAM	Outer_Full	21.13	18.33
n77H	20	30	3969.99	CP	QPSK	Inner_Full	23.98	21.18
n77H	20	30	3969.99	CP	QPSK	Edge_1RB_Left	21.94	19.14
n77H	20	30	3969.99	CP	QPSK	Edge_1RB_Right	21.75	18.95
n77H	20	30	3969.99	CP	QPSK	Outer_Full	22.39	19.59
n77H	20	30	3969.99	CP	16QAM	Inner_Full	23.36	20.56
n77H	20	30	3969.99	CP	16QAM	Edge_1RB_Left	21.85	19.05
n77H	20	30	3969.99	CP	16QAM	Edge_1RB_Right	21.80	19.00
n77H	20	30	3969.99	CP	16QAM	Outer_Full	22.43	19.63
n77H	20	30	3969.99	CP	64QAM	Inner_Full	21.90	19.10
n77H	20	30	3969.99	CP	64QAM	Edge_1RB_Left	21.79	18.99
n77H	20	30	3969.99	CP	64QAM	Edge_1RB_Right	21.80	19.00
n77H	20	30	3969.99	CP	64QAM	Outer_Full	21.88	19.08
n77H	20	30	3969.99	CP	256QAM	Inner_Full	19.02	16.22
n77H	20	30	3969.99	CP	256QAM	Edge_1RB_Left	19.00	16.20
n77H	20	30	3969.99	CP	256QAM	Edge_1RB_Right	18.97	16.17
n77H	20	30	3969.99	CP	256QAM	Outer_Full	19.01	16.21

n77H	40	30	3720	DFT	pi/2 BPSK	Inner_Full	25.19	22.39
n77H	40	30	3720	DFT	pi/2 BPSK	Edge_1RB_Left	21.37	18.57
n77H	40	30	3720	DFT	pi/2 BPSK	Edge_1RB_Right	21.75	18.95
n77H	40	30	3720	DFT	pi/2 BPSK	Outer_Full	24.66	21.86
n77H	40	30	3720	DFT	QPSK	Inner_Full	25.18	22.38
n77H	40	30	3720	DFT	QPSK	Edge_1RB_Left	21.17	18.37
n77H	40	30	3720	DFT	QPSK	Edge_1RB_Right	21.80	19.00
n77H	40	30	3720	DFT	QPSK	Outer_Full	24.21	21.41
n77H	40	30	3720	DFT	16QAM	Inner_Full	24.24	21.44
n77H	40	30	3720	DFT	16QAM	Edge_1RB_Left	20.95	18.15
n77H	40	30	3720	DFT	16QAM	Edge_1RB_Right	21.43	18.63
n77H	40	30	3720	DFT	16QAM	Outer_Full	23.25	20.45
n77H	40	30	3720	DFT	64QAM	Inner_Full	22.86	20.06
n77H	40	30	3720	DFT	64QAM	Edge_1RB_Left	20.87	18.07
n77H	40	30	3720	DFT	64QAM	Edge_1RB_Right	21.78	18.98
n77H	40	30	3720	DFT	64QAM	Outer_Full	22.77	19.97
n77H	40	30	3720	DFT	256QAM	Inner_Full	20.74	17.94
n77H	40	30	3720	DFT	256QAM	Edge_1RB_Left	20.17	17.37
n77H	40	30	3720	DFT	256QAM	Edge_1RB_Right	20.97	18.17
n77H	40	30	3720	DFT	256QAM	Outer_Full	20.73	17.93
n77H	40	30	3720	CP	QPSK	Inner_Full	23.58	20.78
n77H	40	30	3720	CP	QPSK	Edge_1RB_Left	21.11	18.31
n77H	40	30	3720	CP	QPSK	Edge_1RB_Right	21.94	19.14
n77H	40	30	3720	CP	QPSK	Outer_Full	22.25	19.45
n77H	40	30	3720	CP	16QAM	Inner_Full	23.15	20.35
n77H	40	30	3720	CP	16QAM	Edge_1RB_Left	20.97	18.17
n77H	40	30	3720	CP	16QAM	Edge_1RB_Right	21.71	18.91
n77H	40	30	3720	CP	16QAM	Outer_Full	22.35	19.55
n77H	40	30	3720	CP	64QAM	Inner_Full	21.73	18.93
n77H	40	30	3720	CP	64QAM	Edge_1RB_Left	20.98	18.18
n77H	40	30	3720	CP	64QAM	Edge_1RB_Right	21.45	18.65
n77H	40	30	3720	CP	64QAM	Outer_Full	21.73	18.93
n77H	40	30	3720	CP	256QAM	Inner_Full	18.68	15.88
n77H	40	30	3720	CP	256QAM	Edge_1RB_Left	18.52	15.72
n77H	40	30	3720	CP	256QAM	Edge_1RB_Right	19.21	16.41
n77H	40	30	3720	CP	256QAM	Outer_Full	18.83	16.03
n77H	40	30	3840	DFT	pi/2 BPSK	Inner_Full	24.41	21.61
n77H	40	30	3840	DFT	pi/2 BPSK	Edge_1RB_Left	20.20	17.40
n77H	40	30	3840	DFT	pi/2 BPSK	Edge_1RB_Right	20.37	17.57
n77H	40	30	3840	DFT	pi/2 BPSK	Outer_Full	23.85	21.05
n77H	40	30	3840	DFT	QPSK	Inner_Full	24.57	21.77

n77H	40	30	3840	DFT	QPSK	Edge_1RB_Left	20.15	17.35
n77H	40	30	3840	DFT	QPSK	Edge_1RB_Right	20.29	17.49
n77H	40	30	3840	DFT	QPSK	Outer_Full	23.34	20.54
n77H	40	30	3840	DFT	16QAM	Inner_Full	23.49	20.69
n77H	40	30	3840	DFT	16QAM	Edge_1RB_Left	20.16	17.36
n77H	40	30	3840	DFT	16QAM	Edge_1RB_Right	20.27	17.47
n77H	40	30	3840	DFT	16QAM	Outer_Full	22.40	19.60
n77H	40	30	3840	DFT	64QAM	Inner_Full	21.98	19.18
n77H	40	30	3840	DFT	64QAM	Edge_1RB_Left	20.24	17.44
n77H	40	30	3840	DFT	64QAM	Edge_1RB_Right	20.33	17.53
n77H	40	30	3840	DFT	64QAM	Outer_Full	21.86	19.06
n77H	40	30	3840	DFT	256QAM	Inner_Full	20.08	17.28
n77H	40	30	3840	DFT	256QAM	Edge_1RB_Left	19.51	16.71
n77H	40	30	3840	DFT	256QAM	Edge_1RB_Right	19.53	16.73
n77H	40	30	3840	DFT	256QAM	Outer_Full	20.00	17.20
n77H	40	30	3840	CP	QPSK	Inner_Full	22.96	20.16
n77H	40	30	3840	CP	QPSK	Edge_1RB_Left	20.39	17.59
n77H	40	30	3840	CP	QPSK	Edge_1RB_Right	20.44	17.64
n77H	40	30	3840	CP	QPSK	Outer_Full	21.34	18.54
n77H	40	30	3840	CP	16QAM	Inner_Full	22.34	19.54
n77H	40	30	3840	CP	16QAM	Edge_1RB_Left	20.41	17.61
n77H	40	30	3840	CP	16QAM	Edge_1RB_Right	20.40	17.60
n77H	40	30	3840	CP	16QAM	Outer_Full	21.36	18.56
n77H	40	30	3840	CP	64QAM	Inner_Full	20.91	18.11
n77H	40	30	3840	CP	64QAM	Edge_1RB_Left	20.37	17.57
n77H	40	30	3840	CP	64QAM	Edge_1RB_Right	20.11	17.31
n77H	40	30	3840	CP	64QAM	Outer_Full	20.87	18.07
n77H	40	30	3840	CP	256QAM	Inner_Full	18.12	15.32
n77H	40	30	3840	CP	256QAM	Edge_1RB_Left	17.41	14.61
n77H	40	30	3840	CP	256QAM	Edge_1RB_Right	17.50	14.70
n77H	40	30	3840	CP	256QAM	Outer_Full	17.94	15.14
n77H	40	30	3960	DFT	pi/2 BPSK	Inner_Full	25.27	22.47
n77H	40	30	3960	DFT	pi/2 BPSK	Edge_1RB_Left	21.63	18.83
n77H	40	30	3960	DFT	pi/2 BPSK	Edge_1RB_Right	21.57	18.77
n77H	40	30	3960	DFT	pi/2 BPSK	Outer_Full	24.82	22.02
n77H	40	30	3960	DFT	QPSK	Inner_Full	25.33	22.53
n77H	40	30	3960	DFT	QPSK	Edge_1RB_Left	21.68	18.88
n77H	40	30	3960	DFT	QPSK	Edge_1RB_Right	21.55	18.75
n77H	40	30	3960	DFT	QPSK	Outer_Full	24.28	21.48
n77H	40	30	3960	DFT	16QAM	Inner_Full	24.45	21.65
n77H	40	30	3960	DFT	16QAM	Edge_1RB_Left	21.73	18.93

n77H	40	30	3960	DFT	16QAM	Edge_1RB_Right	21.72	18.92
n77H	40	30	3960	DFT	16QAM	Outer_Full	23.41	20.61
n77H	40	30	3960	DFT	64QAM	Inner_Full	22.86	20.06
n77H	40	30	3960	DFT	64QAM	Edge_1RB_Left	21.55	18.75
n77H	40	30	3960	DFT	64QAM	Edge_1RB_Right	21.40	18.60
n77H	40	30	3960	DFT	64QAM	Outer_Full	22.91	20.11
n77H	40	30	3960	DFT	256QAM	Inner_Full	20.97	18.17
n77H	40	30	3960	DFT	256QAM	Edge_1RB_Left	20.65	17.85
n77H	40	30	3960	DFT	256QAM	Edge_1RB_Right	20.34	17.54
n77H	40	30	3960	DFT	256QAM	Outer_Full	21.01	18.21
n77H	40	30	3960	CP	QPSK	Inner_Full	23.86	21.06
n77H	40	30	3960	CP	QPSK	Edge_1RB_Left	21.85	19.05
n77H	40	30	3960	CP	QPSK	Edge_1RB_Right	21.79	18.99
n77H	40	30	3960	CP	QPSK	Outer_Full	22.32	19.52
n77H	40	30	3960	CP	16QAM	Inner_Full	23.32	20.52
n77H	40	30	3960	CP	16QAM	Edge_1RB_Left	21.62	18.82
n77H	40	30	3960	CP	16QAM	Edge_1RB_Right	21.76	18.96
n77H	40	30	3960	CP	16QAM	Outer_Full	22.39	19.59
n77H	40	30	3960	CP	64QAM	Inner_Full	21.85	19.05
n77H	40	30	3960	CP	64QAM	Edge_1RB_Left	21.50	18.70
n77H	40	30	3960	CP	64QAM	Edge_1RB_Right	21.80	19.00
n77H	40	30	3960	CP	64QAM	Outer_Full	21.81	19.01
n77H	40	30	3960	CP	256QAM	Inner_Full	18.84	16.04
n77H	40	30	3960	CP	256QAM	Edge_1RB_Left	18.63	15.83
n77H	40	30	3960	CP	256QAM	Edge_1RB_Right	18.83	16.03
n77H	40	30	3960	CP	256QAM	Outer_Full	18.86	16.06
n77H	50	30	3725.01	DFT	pi/2 BPSK	Inner_Full	25.32	22.52
n77H	50	30	3725.01	DFT	pi/2 BPSK	Edge_1RB_Left	20.95	18.15
n77H	50	30	3725.01	DFT	pi/2 BPSK	Edge_1RB_Right	22.06	19.26
n77H	50	30	3725.01	DFT	pi/2 BPSK	Outer_Full	24.74	21.94
n77H	50	30	3725.01	DFT	QPSK	Inner_Full	25.39	22.59
n77H	50	30	3725.01	DFT	QPSK	Edge_1RB_Left	21.01	18.21
n77H	50	30	3725.01	DFT	QPSK	Edge_1RB_Right	21.91	19.11
n77H	50	30	3725.01	DFT	QPSK	Outer_Full	24.26	21.46
n77H	50	30	3725.01	DFT	16QAM	Inner_Full	24.45	21.65
n77H	50	30	3725.01	DFT	16QAM	Edge_1RB_Left	20.96	18.16
n77H	50	30	3725.01	DFT	16QAM	Edge_1RB_Right	22.13	19.33
n77H	50	30	3725.01	DFT	16QAM	Outer_Full	23.29	20.49
n77H	50	30	3725.01	DFT	64QAM	Inner_Full	22.88	20.08
n77H	50	30	3725.01	DFT	64QAM	Edge_1RB_Left	21.34	18.54
n77H	50	30	3725.01	DFT	64QAM	Edge_1RB_Right	22.32	19.52

n77H	50	30	3725.01	DFT	64QAM	Outer_Full	22.86	20.06
n77H	50	30	3725.01	DFT	256QAM	Inner_Full	20.68	17.88
n77H	50	30	3725.01	DFT	256QAM	Edge_1RB_Left	20.59	17.79
n77H	50	30	3725.01	DFT	256QAM	Edge_1RB_Right	21.42	18.62
n77H	50	30	3725.01	DFT	256QAM	Outer_Full	20.70	17.90
n77H	50	30	3725.01	CP	QPSK	Inner_Full	23.73	20.93
n77H	50	30	3725.01	CP	QPSK	Edge_1RB_Left	21.23	18.43
n77H	50	30	3725.01	CP	QPSK	Edge_1RB_Right	21.93	19.13
n77H	50	30	3725.01	CP	QPSK	Outer_Full	22.31	19.51
n77H	50	30	3725.01	CP	16QAM	Inner_Full	23.29	20.49
n77H	50	30	3725.01	CP	16QAM	Edge_1RB_Left	21.14	18.34
n77H	50	30	3725.01	CP	16QAM	Edge_1RB_Right	22.15	19.35
n77H	50	30	3725.01	CP	16QAM	Outer_Full	22.26	19.46
n77H	50	30	3725.01	CP	64QAM	Inner_Full	21.69	18.89
n77H	50	30	3725.01	CP	64QAM	Edge_1RB_Left	21.09	18.29
n77H	50	30	3725.01	CP	64QAM	Edge_1RB_Right	21.82	19.02
n77H	50	30	3725.01	CP	64QAM	Outer_Full	21.84	19.04
n77H	50	30	3725.01	CP	256QAM	Inner_Full	18.97	16.17
n77H	50	30	3725.01	CP	256QAM	Edge_1RB_Left	18.40	15.60
n77H	50	30	3725.01	CP	256QAM	Edge_1RB_Right	19.17	16.37
n77H	50	30	3725.01	CP	256QAM	Outer_Full	18.92	16.12
n77H	50	30	3840	DFT	pi/2 BPSK	Inner_Full	24.45	21.65
n77H	50	30	3840	DFT	pi/2 BPSK	Edge_1RB_Left	20.28	17.48
n77H	50	30	3840	DFT	pi/2 BPSK	Edge_1RB_Right	20.51	17.71
n77H	50	30	3840	DFT	pi/2 BPSK	Outer_Full	23.83	21.03
n77H	50	30	3840	DFT	QPSK	Inner_Full	24.64	21.84
n77H	50	30	3840	DFT	QPSK	Edge_1RB_Left	20.38	17.58
n77H	50	30	3840	DFT	QPSK	Edge_1RB_Right	20.50	17.70
n77H	50	30	3840	DFT	QPSK	Outer_Full	23.32	20.52
n77H	50	30	3840	DFT	16QAM	Inner_Full	23.54	20.74
n77H	50	30	3840	DFT	16QAM	Edge_1RB_Left	20.38	17.58
n77H	50	30	3840	DFT	16QAM	Edge_1RB_Right	20.55	17.75
n77H	50	30	3840	DFT	16QAM	Outer_Full	22.37	19.57
n77H	50	30	3840	DFT	64QAM	Inner_Full	22.04	19.24
n77H	50	30	3840	DFT	64QAM	Edge_1RB_Left	20.44	17.64
n77H	50	30	3840	DFT	64QAM	Edge_1RB_Right	20.43	17.63
n77H	50	30	3840	DFT	64QAM	Outer_Full	21.86	19.06
n77H	50	30	3840	DFT	256QAM	Inner_Full	20.09	17.29
n77H	50	30	3840	DFT	256QAM	Edge_1RB_Left	19.92	17.12
n77H	50	30	3840	DFT	256QAM	Edge_1RB_Right	19.78	16.98
n77H	50	30	3840	DFT	256QAM	Outer_Full	20.02	17.22

n77H	50	30	3840	CP	QPSK	Inner_Full	22.93	20.13
n77H	50	30	3840	CP	QPSK	Edge_1RB_Left	20.33	17.53
n77H	50	30	3840	CP	QPSK	Edge_1RB_Right	20.58	17.78
n77H	50	30	3840	CP	QPSK	Outer_Full	21.32	18.52
n77H	50	30	3840	CP	16QAM	Inner_Full	22.40	19.60
n77H	50	30	3840	CP	16QAM	Edge_1RB_Left	20.62	17.82
n77H	50	30	3840	CP	16QAM	Edge_1RB_Right	20.55	17.75
n77H	50	30	3840	CP	16QAM	Outer_Full	21.35	18.55
n77H	50	30	3840	CP	64QAM	Inner_Full	21.01	18.21
n77H	50	30	3840	CP	64QAM	Edge_1RB_Left	20.45	17.65
n77H	50	30	3840	CP	64QAM	Edge_1RB_Right	20.40	17.60
n77H	50	30	3840	CP	64QAM	Outer_Full	20.85	18.05
n77H	50	30	3840	CP	256QAM	Inner_Full	18.17	15.37
n77H	50	30	3840	CP	256QAM	Edge_1RB_Left	17.79	14.99
n77H	50	30	3840	CP	256QAM	Edge_1RB_Right	17.89	15.09
n77H	50	30	3840	CP	256QAM	Outer_Full	17.95	15.15
n77H	50	30	3954.48	DFT	pi/2 BPSK	Inner_Full	25.43	22.63
n77H	50	30	3954.48	DFT	pi/2 BPSK	Edge_1RB_Left	21.58	18.78
n77H	50	30	3954.48	DFT	pi/2 BPSK	Edge_1RB_Right	21.62	18.82
n77H	50	30	3954.48	DFT	pi/2 BPSK	Outer_Full	24.86	22.06
n77H	50	30	3954.48	DFT	QPSK	Inner_Full	25.39	22.59
n77H	50	30	3954.48	DFT	QPSK	Edge_1RB_Left	21.53	18.73
n77H	50	30	3954.48	DFT	QPSK	Edge_1RB_Right	21.58	18.78
n77H	50	30	3954.48	DFT	QPSK	Outer_Full	24.41	21.61
n77H	50	30	3954.48	DFT	16QAM	Inner_Full	24.49	21.69
n77H	50	30	3954.48	DFT	16QAM	Edge_1RB_Left	21.56	18.76
n77H	50	30	3954.48	DFT	16QAM	Edge_1RB_Right	21.59	18.79
n77H	50	30	3954.48	DFT	16QAM	Outer_Full	23.40	20.60
n77H	50	30	3954.48	DFT	64QAM	Inner_Full	22.88	20.08
n77H	50	30	3954.48	DFT	64QAM	Edge_1RB_Left	21.53	18.73
n77H	50	30	3954.48	DFT	64QAM	Edge_1RB_Right	21.54	18.74
n77H	50	30	3954.48	DFT	64QAM	Outer_Full	22.94	20.14
n77H	50	30	3954.48	DFT	256QAM	Inner_Full	21.10	18.30
n77H	50	30	3954.48	DFT	256QAM	Edge_1RB_Left	20.81	18.01
n77H	50	30	3954.48	DFT	256QAM	Edge_1RB_Right	20.91	18.11
n77H	50	30	3954.48	DFT	256QAM	Outer_Full	21.01	18.21
n77H	50	30	3954.48	CP	QPSK	Inner_Full	23.96	21.16
n77H	50	30	3954.48	CP	QPSK	Edge_1RB_Left	21.58	18.78
n77H	50	30	3954.48	CP	QPSK	Edge_1RB_Right	21.60	18.80
n77H	50	30	3954.48	CP	QPSK	Outer_Full	22.38	19.58
n77H	50	30	3954.48	CP	16QAM	Inner_Full	23.40	20.60

n77H	50	30	3954.48	CP	16QAM	Edge_1RB_Left	21.57	18.77
n77H	50	30	3954.48	CP	16QAM	Edge_1RB_Right	21.86	19.06
n77H	50	30	3954.48	CP	16QAM	Outer_Full	22.40	19.60
n77H	50	30	3954.48	CP	64QAM	Inner_Full	21.92	19.12
n77H	50	30	3954.48	CP	64QAM	Edge_1RB_Left	21.88	19.08
n77H	50	30	3954.48	CP	64QAM	Edge_1RB_Right	22.02	19.22
n77H	50	30	3954.48	CP	64QAM	Outer_Full	21.87	19.07
n77H	50	30	3954.48	CP	256QAM	Inner_Full	19.07	16.27
n77H	50	30	3954.48	CP	256QAM	Edge_1RB_Left	18.90	16.10
n77H	50	30	3954.48	CP	256QAM	Edge_1RB_Right	18.97	16.17
n77H	50	30	3954.48	CP	256QAM	Outer_Full	19.02	16.22
n77H	60	30	3730.02	DFT	pi/2 BPSK	Inner_Full	25.52	22.72
n77H	60	30	3730.02	DFT	pi/2 BPSK	Edge_1RB_Left	21.18	18.38
n77H	60	30	3730.02	DFT	pi/2 BPSK	Edge_1RB_Right	21.73	18.93
n77H	60	30	3730.02	DFT	pi/2 BPSK	Outer_Full	24.90	22.10
n77H	60	30	3730.02	DFT	QPSK	Inner_Full	25.53	22.73
n77H	60	30	3730.02	DFT	QPSK	Edge_1RB_Left	21.09	18.29
n77H	60	30	3730.02	DFT	QPSK	Edge_1RB_Right	21.93	19.13
n77H	60	30	3730.02	DFT	QPSK	Outer_Full	24.38	21.58
n77H	60	30	3730.02	DFT	16QAM	Inner_Full	24.55	21.75
n77H	60	30	3730.02	DFT	16QAM	Edge_1RB_Left	21.00	18.20
n77H	60	30	3730.02	DFT	16QAM	Edge_1RB_Right	21.90	19.10
n77H	60	30	3730.02	DFT	16QAM	Outer_Full	23.39	20.59
n77H	60	30	3730.02	DFT	64QAM	Inner_Full	23.02	20.22
n77H	60	30	3730.02	DFT	64QAM	Edge_1RB_Left	21.38	18.58
n77H	60	30	3730.02	DFT	64QAM	Edge_1RB_Right	22.24	19.44
n77H	60	30	3730.02	DFT	64QAM	Outer_Full	22.93	20.13
n77H	60	30	3730.02	DFT	256QAM	Inner_Full	20.87	18.07
n77H	60	30	3730.02	DFT	256QAM	Edge_1RB_Left	20.45	17.65
n77H	60	30	3730.02	DFT	256QAM	Edge_1RB_Right	21.22	18.42
n77H	60	30	3730.02	DFT	256QAM	Outer_Full	20.90	18.10
n77H	60	30	3730.02	CP	QPSK	Inner_Full	23.99	21.19
n77H	60	30	3730.02	CP	QPSK	Edge_1RB_Left	20.98	18.18
n77H	60	30	3730.02	CP	QPSK	Edge_1RB_Right	21.96	19.16
n77H	60	30	3730.02	CP	QPSK	Outer_Full	22.33	19.53
n77H	60	30	3730.02	CP	16QAM	Inner_Full	23.52	20.72
n77H	60	30	3730.02	CP	16QAM	Edge_1RB_Left	21.17	18.37
n77H	60	30	3730.02	CP	16QAM	Edge_1RB_Right	21.96	19.16
n77H	60	30	3730.02	CP	16QAM	Outer_Full	22.33	19.53
n77H	60	30	3730.02	CP	64QAM	Inner_Full	21.98	19.18
n77H	60	30	3730.02	CP	64QAM	Edge_1RB_Left	20.76	17.96

n77H	60	30	3730.02	CP	64QAM	Edge_1RB_Right	21.76	18.96
n77H	60	30	3730.02	CP	64QAM	Outer_Full	21.97	19.17
n77H	60	30	3730.02	CP	256QAM	Inner_Full	19.09	16.29
n77H	60	30	3730.02	CP	256QAM	Edge_1RB_Left	18.41	15.61
n77H	60	30	3730.02	CP	256QAM	Edge_1RB_Right	19.21	16.41
n77H	60	30	3730.02	CP	256QAM	Outer_Full	18.97	16.17
n77H	60	30	3840	DFT	pi/2 BPSK	Inner_Full	24.45	21.65
n77H	60	30	3840	DFT	pi/2 BPSK	Edge_1RB_Left	20.58	17.78
n77H	60	30	3840	DFT	pi/2 BPSK	Edge_1RB_Right	20.43	17.63
n77H	60	30	3840	DFT	pi/2 BPSK	Outer_Full	23.79	20.99
n77H	60	30	3840	DFT	QPSK	Inner_Full	24.50	21.70
n77H	60	30	3840	DFT	QPSK	Edge_1RB_Left	20.58	17.78
n77H	60	30	3840	DFT	QPSK	Edge_1RB_Right	20.46	17.66
n77H	60	30	3840	DFT	QPSK	Outer_Full	23.26	20.46
n77H	60	30	3840	DFT	16QAM	Inner_Full	23.49	20.69
n77H	60	30	3840	DFT	16QAM	Edge_1RB_Left	20.55	17.75
n77H	60	30	3840	DFT	16QAM	Edge_1RB_Right	20.29	17.49
n77H	60	30	3840	DFT	16QAM	Outer_Full	22.28	19.48
n77H	60	30	3840	DFT	64QAM	Inner_Full	22.02	19.22
n77H	60	30	3840	DFT	64QAM	Edge_1RB_Left	20.62	17.82
n77H	60	30	3840	DFT	64QAM	Edge_1RB_Right	20.44	17.64
n77H	60	30	3840	DFT	64QAM	Outer_Full	21.82	19.02
n77H	60	30	3840	DFT	256QAM	Inner_Full	20.08	17.28
n77H	60	30	3840	DFT	256QAM	Edge_1RB_Left	19.89	17.09
n77H	60	30	3840	DFT	256QAM	Edge_1RB_Right	19.56	16.76
n77H	60	30	3840	DFT	256QAM	Outer_Full	19.99	17.19
n77H	60	30	3840	CP	QPSK	Inner_Full	23.02	20.22
n77H	60	30	3840	CP	QPSK	Edge_1RB_Left	21.42	18.62
n77H	60	30	3840	CP	QPSK	Edge_1RB_Right	21.42	18.62
n77H	60	30	3840	CP	QPSK	Outer_Full	21.26	18.46
n77H	60	30	3840	CP	16QAM	Inner_Full	22.46	19.66
n77H	60	30	3840	CP	16QAM	Edge_1RB_Left	20.57	17.77
n77H	60	30	3840	CP	16QAM	Edge_1RB_Right	20.39	17.59
n77H	60	30	3840	CP	16QAM	Outer_Full	21.26	18.46
n77H	60	30	3840	CP	64QAM	Inner_Full	21.01	18.21
n77H	60	30	3840	CP	64QAM	Edge_1RB_Left	20.49	17.69
n77H	60	30	3840	CP	64QAM	Edge_1RB_Right	20.14	17.34
n77H	60	30	3840	CP	64QAM	Outer_Full	20.84	18.04
n77H	60	30	3840	CP	256QAM	Inner_Full	18.09	15.29
n77H	60	30	3840	CP	256QAM	Edge_1RB_Left	18.00	15.20
n77H	60	30	3840	CP	256QAM	Edge_1RB_Right	17.89	15.09

n77H	60	30	3840	CP	256QAM	Outer_Full	17.85	15.05
n77H	60	30	3949.98	DFT	pi/2 BPSK	Inner_Full	25.38	22.58
n77H	60	30	3949.98	DFT	pi/2 BPSK	Edge_1RB_Left	21.33	18.53
n77H	60	30	3949.98	DFT	pi/2 BPSK	Edge_1RB_Right	21.63	18.83
n77H	60	30	3949.98	DFT	pi/2 BPSK	Outer_Full	24.74	21.94
n77H	60	30	3949.98	DFT	QPSK	Inner_Full	25.36	22.56
n77H	60	30	3949.98	DFT	QPSK	Edge_1RB_Left	21.47	18.67
n77H	60	30	3949.98	DFT	QPSK	Edge_1RB_Right	21.71	18.91
n77H	60	30	3949.98	DFT	QPSK	Outer_Full	24.37	21.57
n77H	60	30	3949.98	DFT	16QAM	Inner_Full	24.42	21.62
n77H	60	30	3949.98	DFT	16QAM	Edge_1RB_Left	21.40	18.60
n77H	60	30	3949.98	DFT	16QAM	Edge_1RB_Right	21.60	18.80
n77H	60	30	3949.98	DFT	16QAM	Outer_Full	23.30	20.50
n77H	60	30	3949.98	DFT	64QAM	Inner_Full	22.95	20.15
n77H	60	30	3949.98	DFT	64QAM	Edge_1RB_Left	21.30	18.50
n77H	60	30	3949.98	DFT	64QAM	Edge_1RB_Right	21.81	19.01
n77H	60	30	3949.98	DFT	64QAM	Outer_Full	22.82	20.02
n77H	60	30	3949.98	DFT	256QAM	Inner_Full	21.02	18.22
n77H	60	30	3949.98	DFT	256QAM	Edge_1RB_Left	20.78	17.98
n77H	60	30	3949.98	DFT	256QAM	Edge_1RB_Right	20.87	18.07
n77H	60	30	3949.98	DFT	256QAM	Outer_Full	20.99	18.19
n77H	60	30	3949.98	CP	QPSK	Inner_Full	23.84	21.04
n77H	60	30	3949.98	CP	QPSK	Edge_1RB_Left	21.41	18.61
n77H	60	30	3949.98	CP	QPSK	Edge_1RB_Right	21.69	18.89
n77H	60	30	3949.98	CP	QPSK	Outer_Full	22.32	19.52
n77H	60	30	3949.98	CP	16QAM	Inner_Full	23.40	20.60
n77H	60	30	3949.98	CP	16QAM	Edge_1RB_Left	21.35	18.55
n77H	60	30	3949.98	CP	16QAM	Edge_1RB_Right	21.64	18.84
n77H	60	30	3949.98	CP	16QAM	Outer_Full	22.30	19.50
n77H	60	30	3949.98	CP	64QAM	Inner_Full	21.86	19.06
n77H	60	30	3949.98	CP	64QAM	Edge_1RB_Left	21.65	18.85
n77H	60	30	3949.98	CP	64QAM	Edge_1RB_Right	22.05	19.25
n77H	60	30	3949.98	CP	64QAM	Outer_Full	21.77	18.97
n77H	60	30	3949.98	CP	256QAM	Inner_Full	18.94	16.14
n77H	60	30	3949.98	CP	256QAM	Edge_1RB_Left	18.56	15.76
n77H	60	30	3949.98	CP	256QAM	Edge_1RB_Right	18.89	16.09
n77H	60	30	3949.98	CP	256QAM	Outer_Full	18.92	16.12
n77H	80	30	3740.01	DFT	pi/2 BPSK	Inner_Full	25.63	22.83
n77H	80	30	3740.01	DFT	pi/2 BPSK	Edge_1RB_Left	20.75	17.95
n77H	80	30	3740.01	DFT	pi/2 BPSK	Edge_1RB_Right	21.66	18.86
n77H	80	30	3740.01	DFT	pi/2 BPSK	Outer_Full	24.90	22.10

n77H	80	30	3740.01	DFT	QPSK	Inner_Full	25.69	22.89
n77H	80	30	3740.01	DFT	QPSK	Edge_1RB_Left	20.92	18.12
n77H	80	30	3740.01	DFT	QPSK	Edge_1RB_Right	21.76	18.96
n77H	80	30	3740.01	DFT	QPSK	Outer_Full	24.40	21.60
n77H	80	30	3740.01	DFT	16QAM	Inner_Full	24.63	21.83
n77H	80	30	3740.01	DFT	16QAM	Edge_1RB_Left	20.61	17.81
n77H	80	30	3740.01	DFT	16QAM	Edge_1RB_Right	21.41	18.61
n77H	80	30	3740.01	DFT	16QAM	Outer_Full	23.41	20.61
n77H	80	30	3740.01	DFT	64QAM	Inner_Full	23.22	20.42
n77H	80	30	3740.01	DFT	64QAM	Edge_1RB_Left	20.93	18.13
n77H	80	30	3740.01	DFT	64QAM	Edge_1RB_Right	21.63	18.83
n77H	80	30	3740.01	DFT	64QAM	Outer_Full	22.89	20.09
n77H	80	30	3740.01	DFT	256QAM	Inner_Full	21.09	18.29
n77H	80	30	3740.01	DFT	256QAM	Edge_1RB_Left	19.72	16.92
n77H	80	30	3740.01	DFT	256QAM	Edge_1RB_Right	20.98	18.18
n77H	80	30	3740.01	DFT	256QAM	Outer_Full	20.87	18.07
n77H	80	30	3740.01	CP	QPSK	Inner_Full	24.14	21.34
n77H	80	30	3740.01	CP	QPSK	Edge_1RB_Left	20.88	18.08
n77H	80	30	3740.01	CP	QPSK	Edge_1RB_Right	21.80	19.00
n77H	80	30	3740.01	CP	QPSK	Outer_Full	22.33	19.53
n77H	80	30	3740.01	CP	16QAM	Inner_Full	23.69	20.89
n77H	80	30	3740.01	CP	16QAM	Edge_1RB_Left	20.87	18.07
n77H	80	30	3740.01	CP	16QAM	Edge_1RB_Right	21.84	19.04
n77H	80	30	3740.01	CP	16QAM	Outer_Full	22.46	19.66
n77H	80	30	3740.01	CP	64QAM	Inner_Full	22.01	19.21
n77H	80	30	3740.01	CP	64QAM	Edge_1RB_Left	20.47	17.67
n77H	80	30	3740.01	CP	64QAM	Edge_1RB_Right	21.47	18.67
n77H	80	30	3740.01	CP	64QAM	Outer_Full	21.93	19.13
n77H	80	30	3740.01	CP	256QAM	Inner_Full	19.19	16.39
n77H	80	30	3740.01	CP	256QAM	Edge_1RB_Left	18.24	15.44
n77H	80	30	3740.01	CP	256QAM	Edge_1RB_Right	19.10	16.30
n77H	80	30	3740.01	CP	256QAM	Outer_Full	19.06	16.26
n77H	80	30	3840	DFT	$\pi/2$ BPSK	Inner_Full	24.51	21.71
n77H	80	30	3840	DFT	$\pi/2$ BPSK	Edge_1RB_Left	20.80	18.00
n77H	80	30	3840	DFT	$\pi/2$ BPSK	Edge_1RB_Right	20.24	17.44
n77H	80	30	3840	DFT	$\pi/2$ BPSK	Outer_Full	23.82	21.02
n77H	80	30	3840	DFT	QPSK	Inner_Full	24.52	21.72
n77H	80	30	3840	DFT	QPSK	Edge_1RB_Left	21.00	18.20
n77H	80	30	3840	DFT	QPSK	Edge_1RB_Right	20.30	17.50
n77H	80	30	3840	DFT	QPSK	Outer_Full	23.39	20.59
n77H	80	30	3840	DFT	16QAM	Inner_Full	23.49	20.69

n77H	80	30	3840	DFT	16QAM	Edge_1RB_Left	21.12	18.32
n77H	80	30	3840	DFT	16QAM	Edge_1RB_Right	20.23	17.43
n77H	80	30	3840	DFT	16QAM	Outer_Full	22.35	19.55
n77H	80	30	3840	DFT	64QAM	Inner_Full	21.97	19.17
n77H	80	30	3840	DFT	64QAM	Edge_1RB_Left	21.22	18.42
n77H	80	30	3840	DFT	64QAM	Edge_1RB_Right	20.61	17.81
n77H	80	30	3840	DFT	64QAM	Outer_Full	21.88	19.08
n77H	80	30	3840	DFT	256QAM	Inner_Full	19.94	17.14
n77H	80	30	3840	DFT	256QAM	Edge_1RB_Left	19.99	17.19
n77H	80	30	3840	DFT	256QAM	Edge_1RB_Right	19.72	16.92
n77H	80	30	3840	DFT	256QAM	Outer_Full	19.81	17.01
n77H	80	30	3840	CP	QPSK	Inner_Full	23.02	20.22
n77H	80	30	3840	CP	QPSK	Edge_1RB_Left	20.88	18.08
n77H	80	30	3840	CP	QPSK	Edge_1RB_Right	20.03	17.23
n77H	80	30	3840	CP	QPSK	Outer_Full	21.40	18.60
n77H	80	30	3840	CP	16QAM	Inner_Full	22.53	19.73
n77H	80	30	3840	CP	16QAM	Edge_1RB_Left	21.01	18.21
n77H	80	30	3840	CP	16QAM	Edge_1RB_Right	20.37	17.57
n77H	80	30	3840	CP	16QAM	Outer_Full	21.38	18.58
n77H	80	30	3840	CP	64QAM	Inner_Full	20.91	18.11
n77H	80	30	3840	CP	64QAM	Edge_1RB_Left	20.79	17.99
n77H	80	30	3840	CP	64QAM	Edge_1RB_Right	20.14	17.34
n77H	80	30	3840	CP	64QAM	Outer_Full	20.80	18.00
n77H	80	30	3840	CP	256QAM	Inner_Full	18.07	15.27
n77H	80	30	3840	CP	256QAM	Edge_1RB_Left	18.39	15.59
n77H	80	30	3840	CP	256QAM	Edge_1RB_Right	17.72	14.92
n77H	80	30	3840	CP	256QAM	Outer_Full	17.95	15.15
n77H	80	30	3939.99	DFT	$\pi/2$ BPSK	Inner_Full	25.33	22.53
n77H	80	30	3939.99	DFT	$\pi/2$ BPSK	Edge_1RB_Left	20.18	17.38
n77H	80	30	3939.99	DFT	$\pi/2$ BPSK	Edge_1RB_Right	21.10	18.30
n77H	80	30	3939.99	DFT	$\pi/2$ BPSK	Outer_Full	24.56	21.76
n77H	80	30	3939.99	DFT	QPSK	Inner_Full	25.36	22.56
n77H	80	30	3939.99	DFT	QPSK	Edge_1RB_Left	20.25	17.45
n77H	80	30	3939.99	DFT	QPSK	Edge_1RB_Right	21.23	18.43
n77H	80	30	3939.99	DFT	QPSK	Outer_Full	24.06	21.26
n77H	80	30	3939.99	DFT	16QAM	Inner_Full	24.39	21.59
n77H	80	30	3939.99	DFT	16QAM	Edge_1RB_Left	20.04	17.24
n77H	80	30	3939.99	DFT	16QAM	Edge_1RB_Right	20.97	18.17
n77H	80	30	3939.99	DFT	16QAM	Outer_Full	23.11	20.31
n77H	80	30	3939.99	DFT	64QAM	Inner_Full	22.84	20.04
n77H	80	30	3939.99	DFT	64QAM	Edge_1RB_Left	20.27	17.47

n77H	80	30	3939.99	DFT	64QAM	Edge_1RB_Right	20.93	18.13
n77H	80	30	3939.99	DFT	64QAM	Outer_Full	22.60	19.80
n77H	80	30	3939.99	DFT	256QAM	Inner_Full	21.00	18.20
n77H	80	30	3939.99	DFT	256QAM	Edge_1RB_Left	19.56	16.76
n77H	80	30	3939.99	DFT	256QAM	Edge_1RB_Right	20.53	17.73
n77H	80	30	3939.99	DFT	256QAM	Outer_Full	20.82	18.02
n77H	80	30	3939.99	CP	QPSK	Inner_Full	23.78	20.98
n77H	80	30	3939.99	CP	QPSK	Edge_1RB_Left	20.18	17.38
n77H	80	30	3939.99	CP	QPSK	Edge_1RB_Right	21.18	18.38
n77H	80	30	3939.99	CP	QPSK	Outer_Full	22.03	19.23
n77H	80	30	3939.99	CP	16QAM	Inner_Full	23.37	20.57
n77H	80	30	3939.99	CP	16QAM	Edge_1RB_Left	20.16	17.36
n77H	80	30	3939.99	CP	16QAM	Edge_1RB_Right	21.17	18.37
n77H	80	30	3939.99	CP	16QAM	Outer_Full	22.09	19.29
n77H	80	30	3939.99	CP	64QAM	Inner_Full	21.80	19.00
n77H	80	30	3939.99	CP	64QAM	Edge_1RB_Left	20.65	17.85
n77H	80	30	3939.99	CP	64QAM	Edge_1RB_Right	21.34	18.54
n77H	80	30	3939.99	CP	64QAM	Outer_Full	21.57	18.77
n77H	80	30	3939.99	CP	256QAM	Inner_Full	18.95	16.15
n77H	80	30	3939.99	CP	256QAM	Edge_1RB_Left	17.70	14.90
n77H	80	30	3939.99	CP	256QAM	Edge_1RB_Right	18.79	15.99
n77H	80	30	3939.99	CP	256QAM	Outer_Full	18.69	15.89
n77H	90	30	3745.02	DFT	$\pi/2$ BPSK	Inner_Full	25.57	22.77
n77H	90	30	3745.02	DFT	$\pi/2$ BPSK	Edge_1RB_Left	20.45	17.65
n77H	90	30	3745.02	DFT	$\pi/2$ BPSK	Edge_1RB_Right	21.52	18.72
n77H	90	30	3745.02	DFT	$\pi/2$ BPSK	Outer_Full	24.92	22.12
n77H	90	30	3745.02	DFT	QPSK	Inner_Full	25.61	22.81
n77H	90	30	3745.02	DFT	QPSK	Edge_1RB_Left	20.75	17.95
n77H	90	30	3745.02	DFT	QPSK	Edge_1RB_Right	21.60	18.80
n77H	90	30	3745.02	DFT	QPSK	Outer_Full	24.46	21.66
n77H	90	30	3745.02	DFT	16QAM	Inner_Full	24.61	21.81
n77H	90	30	3745.02	DFT	16QAM	Edge_1RB_Left	20.79	17.99
n77H	90	30	3745.02	DFT	16QAM	Edge_1RB_Right	21.59	18.79
n77H	90	30	3745.02	DFT	16QAM	Outer_Full	23.43	20.63
n77H	90	30	3745.02	DFT	64QAM	Inner_Full	23.10	20.30
n77H	90	30	3745.02	DFT	64QAM	Edge_1RB_Left	20.75	17.95
n77H	90	30	3745.02	DFT	64QAM	Edge_1RB_Right	21.76	18.96
n77H	90	30	3745.02	DFT	64QAM	Outer_Full	22.91	20.11
n77H	90	30	3745.02	DFT	256QAM	Inner_Full	21.08	18.28
n77H	90	30	3745.02	DFT	256QAM	Edge_1RB_Left	19.74	16.94
n77H	90	30	3745.02	DFT	256QAM	Edge_1RB_Right	20.81	18.01

n77H	90	30	3745.02	DFT	256QAM	Outer_Full	20.88	18.08
n77H	90	30	3745.02	CP	QPSK	Inner_Full	24.07	21.27
n77H	90	30	3745.02	CP	QPSK	Edge_1RB_Left	20.54	17.74
n77H	90	30	3745.02	CP	QPSK	Edge_1RB_Right	21.49	18.69
n77H	90	30	3745.02	CP	QPSK	Outer_Full	22.34	19.54
n77H	90	30	3745.02	CP	16QAM	Inner_Full	23.64	20.84
n77H	90	30	3745.02	CP	16QAM	Edge_1RB_Left	20.46	17.66
n77H	90	30	3745.02	CP	16QAM	Edge_1RB_Right	21.67	18.87
n77H	90	30	3745.02	CP	16QAM	Outer_Full	22.36	19.56
n77H	90	30	3745.02	CP	64QAM	Inner_Full	22.03	19.23
n77H	90	30	3745.02	CP	64QAM	Edge_1RB_Left	20.58	17.78
n77H	90	30	3745.02	CP	64QAM	Edge_1RB_Right	21.22	18.42
n77H	90	30	3745.02	CP	64QAM	Outer_Full	21.84	19.04
n77H	90	30	3745.02	CP	256QAM	Inner_Full	19.25	16.45
n77H	90	30	3745.02	CP	256QAM	Edge_1RB_Left	18.02	15.22
n77H	90	30	3745.02	CP	256QAM	Edge_1RB_Right	19.10	16.30
n77H	90	30	3745.02	CP	256QAM	Outer_Full	19.03	16.23
n77H	90	30	3840	DFT	pi/2 BPSK	Inner_Full	24.40	21.60
n77H	90	30	3840	DFT	pi/2 BPSK	Edge_1RB_Left	21.01	18.21
n77H	90	30	3840	DFT	pi/2 BPSK	Edge_1RB_Right	20.23	17.43
n77H	90	30	3840	DFT	pi/2 BPSK	Outer_Full	23.89	21.09
n77H	90	30	3840	DFT	QPSK	Inner_Full	24.47	21.67
n77H	90	30	3840	DFT	QPSK	Edge_1RB_Left	21.01	18.21
n77H	90	30	3840	DFT	QPSK	Edge_1RB_Right	20.19	17.39
n77H	90	30	3840	DFT	QPSK	Outer_Full	23.46	20.66
n77H	90	30	3840	DFT	16QAM	Inner_Full	23.41	20.61
n77H	90	30	3840	DFT	16QAM	Edge_1RB_Left	20.92	18.12
n77H	90	30	3840	DFT	16QAM	Edge_1RB_Right	20.11	17.31
n77H	90	30	3840	DFT	16QAM	Outer_Full	22.47	19.67
n77H	90	30	3840	DFT	64QAM	Inner_Full	21.94	19.14
n77H	90	30	3840	DFT	64QAM	Edge_1RB_Left	21.20	18.40
n77H	90	30	3840	DFT	64QAM	Edge_1RB_Right	20.25	17.45
n77H	90	30	3840	DFT	64QAM	Outer_Full	21.93	19.13
n77H	90	30	3840	DFT	256QAM	Inner_Full	19.91	17.11
n77H	90	30	3840	DFT	256QAM	Edge_1RB_Left	20.48	17.68
n77H	90	30	3840	DFT	256QAM	Edge_1RB_Right	19.50	16.70
n77H	90	30	3840	DFT	256QAM	Outer_Full	19.90	17.10
n77H	90	30	3840	CP	QPSK	Inner_Full	22.89	20.09
n77H	90	30	3840	CP	QPSK	Edge_1RB_Left	21.25	18.45
n77H	90	30	3840	CP	QPSK	Edge_1RB_Right	20.13	17.33
n77H	90	30	3840	CP	QPSK	Outer_Full	21.37	18.57

n77H	90	30	3840	CP	16QAM	Inner_Full	22.41	19.61
n77H	90	30	3840	CP	16QAM	Edge_1RB_Left	21.12	18.32
n77H	90	30	3840	CP	16QAM	Edge_1RB_Right	20.39	17.59
n77H	90	30	3840	CP	16QAM	Outer_Full	21.44	18.64
n77H	90	30	3840	CP	64QAM	Inner_Full	20.85	18.05
n77H	90	30	3840	CP	64QAM	Edge_1RB_Left	20.75	17.95
n77H	90	30	3840	CP	64QAM	Edge_1RB_Right	20.19	17.39
n77H	90	30	3840	CP	64QAM	Outer_Full	20.86	18.06
n77H	90	30	3840	CP	256QAM	Inner_Full	18.05	15.25
n77H	90	30	3840	CP	256QAM	Edge_1RB_Left	18.73	15.93
n77H	90	30	3840	CP	256QAM	Edge_1RB_Right	17.93	15.13
n77H	90	30	3840	CP	256QAM	Outer_Full	18.04	15.24
n77H	90	30	3934.98	DFT	pi/2 BPSK	Inner_Full	25.31	22.51
n77H	90	30	3934.98	DFT	pi/2 BPSK	Edge_1RB_Left	20.03	17.23
n77H	90	30	3934.98	DFT	pi/2 BPSK	Edge_1RB_Right	20.90	18.10
n77H	90	30	3934.98	DFT	pi/2 BPSK	Outer_Full	24.51	21.71
n77H	90	30	3934.98	DFT	QPSK	Inner_Full	25.36	22.56
n77H	90	30	3934.98	DFT	QPSK	Edge_1RB_Left	20.06	17.26
n77H	90	30	3934.98	DFT	QPSK	Edge_1RB_Right	21.00	18.20
n77H	90	30	3934.98	DFT	QPSK	Outer_Full	24.02	21.22
n77H	90	30	3934.98	DFT	16QAM	Inner_Full	24.28	21.48
n77H	90	30	3934.98	DFT	16QAM	Edge_1RB_Left	20.04	17.24
n77H	90	30	3934.98	DFT	16QAM	Edge_1RB_Right	20.97	18.17
n77H	90	30	3934.98	DFT	16QAM	Outer_Full	23.03	20.23
n77H	90	30	3934.98	DFT	64QAM	Inner_Full	22.78	19.98
n77H	90	30	3934.98	DFT	64QAM	Edge_1RB_Left	20.01	17.21
n77H	90	30	3934.98	DFT	64QAM	Edge_1RB_Right	20.77	17.97
n77H	90	30	3934.98	DFT	64QAM	Outer_Full	22.52	19.72
n77H	90	30	3934.98	DFT	256QAM	Inner_Full	20.98	18.18
n77H	90	30	3934.98	DFT	256QAM	Edge_1RB_Left	19.13	16.33
n77H	90	30	3934.98	DFT	256QAM	Edge_1RB_Right	20.26	17.46
n77H	90	30	3934.98	DFT	256QAM	Outer_Full	20.69	17.89
n77H	90	30	3934.98	CP	QPSK	Inner_Full	23.81	21.01
n77H	90	30	3934.98	CP	QPSK	Edge_1RB_Left	20.02	17.22
n77H	90	30	3934.98	CP	QPSK	Edge_1RB_Right	20.94	18.14
n77H	90	30	3934.98	CP	QPSK	Outer_Full	22.03	19.23
n77H	90	30	3934.98	CP	16QAM	Inner_Full	23.28	20.48
n77H	90	30	3934.98	CP	16QAM	Edge_1RB_Left	20.03	17.23
n77H	90	30	3934.98	CP	16QAM	Edge_1RB_Right	20.81	18.01
n77H	90	30	3934.98	CP	16QAM	Outer_Full	21.96	19.16
n77H	90	30	3934.98	CP	64QAM	Inner_Full	21.87	19.07

n77H	90	30	3934.98	CP	64QAM	Edge_1RB_Left	20.01	17.21
n77H	90	30	3934.98	CP	64QAM	Edge_1RB_Right	21.19	18.39
n77H	90	30	3934.98	CP	64QAM	Outer_Full	21.48	18.68
n77H	90	30	3934.98	CP	256QAM	Inner_Full	18.91	16.11
n77H	90	30	3934.98	CP	256QAM	Edge_1RB_Left	17.17	14.37
n77H	90	30	3934.98	CP	256QAM	Edge_1RB_Right	18.34	15.54
n77H	90	30	3934.98	CP	256QAM	Outer_Full	18.69	15.89
n77H	100	30	3750	DFT	pi/2 BPSK	Inner_Full	25.70	22.90
n77H	100	30	3750	DFT	pi/2 BPSK	Edge_1RB_Left	20.24	17.44
n77H	100	30	3750	DFT	pi/2 BPSK	Edge_1RB_Right	20.88	18.08
n77H	100	30	3750	DFT	pi/2 BPSK	Outer_Full	24.87	22.07
n77H	100	30	3750	DFT	QPSK	Inner_Full	25.69	22.89
n77H	100	30	3750	DFT	QPSK	Edge_1RB_Left	20.52	17.72
n77H	100	30	3750	DFT	QPSK	Edge_1RB_Right	21.07	18.27
n77H	100	30	3750	DFT	QPSK	Outer_Full	24.36	21.56
n77H	100	30	3750	DFT	16QAM	Inner_Full	24.75	21.95
n77H	100	30	3750	DFT	16QAM	Edge_1RB_Left	20.80	18.00
n77H	100	30	3750	DFT	16QAM	Edge_1RB_Right	21.15	18.35
n77H	100	30	3750	DFT	16QAM	Outer_Full	23.45	20.65
n77H	100	30	3750	DFT	64QAM	Inner_Full	23.24	20.44
n77H	100	30	3750	DFT	64QAM	Edge_1RB_Left	20.48	17.68
n77H	100	30	3750	DFT	64QAM	Edge_1RB_Right	20.94	18.14
n77H	100	30	3750	DFT	64QAM	Outer_Full	22.93	20.13
n77H	100	30	3750	DFT	256QAM	Inner_Full	21.09	18.29
n77H	100	30	3750	DFT	256QAM	Edge_1RB_Left	19.48	16.68
n77H	100	30	3750	DFT	256QAM	Edge_1RB_Right	20.05	17.25
n77H	100	30	3750	DFT	256QAM	Outer_Full	20.85	18.05
n77H	100	30	3750	CP	QPSK	Inner_Full	24.15	21.35
n77H	100	30	3750	CP	QPSK	Edge_1RB_Left	20.68	17.88
n77H	100	30	3750	CP	QPSK	Edge_1RB_Right	21.20	18.40
n77H	100	30	3750	CP	QPSK	Outer_Full	22.37	19.57
n77H	100	30	3750	CP	16QAM	Inner_Full	23.68	20.88
n77H	100	30	3750	CP	16QAM	Edge_1RB_Left	20.17	17.37
n77H	100	30	3750	CP	16QAM	Edge_1RB_Right	21.06	18.26
n77H	100	30	3750	CP	16QAM	Outer_Full	22.35	19.55
n77H	100	30	3750	CP	64QAM	Inner_Full	22.18	19.38
n77H	100	30	3750	CP	64QAM	Edge_1RB_Left	20.53	17.73
n77H	100	30	3750	CP	64QAM	Edge_1RB_Right	21.22	18.42
n77H	100	30	3750	CP	64QAM	Outer_Full	21.85	19.05
n77H	100	30	3750	CP	256QAM	Inner_Full	19.33	16.53
n77H	100	30	3750	CP	256QAM	Edge_1RB_Left	17.97	15.17

n77H	100	30	3750	CP	256QAM	Edge_1RB_Right	18.57	15.77
n77H	100	30	3750	CP	256QAM	Outer_Full	19.07	16.27
n77H	100	30	3840	DFT	pi/2 BPSK	Inner_Full	24.42	21.62
n77H	100	30	3840	DFT	pi/2 BPSK	Edge_1RB_Left	21.11	18.31
n77H	100	30	3840	DFT	pi/2 BPSK	Edge_1RB_Right	20.10	17.30
n77H	100	30	3840	DFT	pi/2 BPSK	Outer_Full	23.93	21.13
n77H	100	30	3840	DFT	QPSK	Inner_Full	24.44	21.64
n77H	100	30	3840	DFT	QPSK	Edge_1RB_Left	21.05	18.25
n77H	100	30	3840	DFT	QPSK	Edge_1RB_Right	20.22	17.42
n77H	100	30	3840	DFT	QPSK	Outer_Full	23.41	20.61
n77H	100	30	3840	DFT	16QAM	Inner_Full	23.46	20.66
n77H	100	30	3840	DFT	16QAM	Edge_1RB_Left	21.37	18.57
n77H	100	30	3840	DFT	16QAM	Edge_1RB_Right	20.10	17.30
n77H	100	30	3840	DFT	16QAM	Outer_Full	22.41	19.61
n77H	100	30	3840	DFT	64QAM	Inner_Full	21.95	19.15
n77H	100	30	3840	DFT	64QAM	Edge_1RB_Left	21.28	18.48
n77H	100	30	3840	DFT	64QAM	Edge_1RB_Right	20.44	17.64
n77H	100	30	3840	DFT	64QAM	Outer_Full	21.95	19.15
n77H	100	30	3840	DFT	256QAM	Inner_Full	19.91	17.11
n77H	100	30	3840	DFT	256QAM	Edge_1RB_Left	20.19	17.39
n77H	100	30	3840	DFT	256QAM	Edge_1RB_Right	19.28	16.48
n77H	100	30	3840	DFT	256QAM	Outer_Full	19.83	17.03
n77H	100	30	3840	CP	QPSK	Inner_Full	22.96	20.16
n77H	100	30	3840	CP	QPSK	Edge_1RB_Left	21.24	18.44
n77H	100	30	3840	CP	QPSK	Edge_1RB_Right	20.25	17.45
n77H	100	30	3840	CP	QPSK	Outer_Full	21.35	18.55
n77H	100	30	3840	CP	16QAM	Inner_Full	22.39	19.59
n77H	100	30	3840	CP	16QAM	Edge_1RB_Left	21.15	18.35
n77H	100	30	3840	CP	16QAM	Edge_1RB_Right	20.44	17.64
n77H	100	30	3840	CP	16QAM	Outer_Full	21.42	18.62
n77H	100	30	3840	CP	64QAM	Inner_Full	20.86	18.06
n77H	100	30	3840	CP	64QAM	Edge_1RB_Left	21.29	18.49
n77H	100	30	3840	CP	64QAM	Edge_1RB_Right	20.37	17.57
n77H	100	30	3840	CP	64QAM	Outer_Full	20.87	18.07
n77H	100	30	3840	CP	256QAM	Inner_Full	18.05	15.25
n77H	100	30	3840	CP	256QAM	Edge_1RB_Left	18.43	15.63
n77H	100	30	3840	CP	256QAM	Edge_1RB_Right	17.50	14.70
n77H	100	30	3840	CP	256QAM	Outer_Full	18.10	15.30
n77H	100	30	3930	DFT	pi/2 BPSK	Inner_Full	25.16	22.36
n77H	100	30	3930	DFT	pi/2 BPSK	Edge_1RB_Left	20.04	17.24
n77H	100	30	3930	DFT	pi/2 BPSK	Edge_1RB_Right	20.83	18.03

n77H	100	30	3930	DFT	pi/2 BPSK	Outer_Full	24.31	21.51
n77H	100	30	3930	DFT	QPSK	Inner_Full	25.30	22.50
n77H	100	30	3930	DFT	QPSK	Edge_1RB_Left	20.06	17.26
n77H	100	30	3930	DFT	QPSK	Edge_1RB_Right	20.84	18.04
n77H	100	30	3930	DFT	QPSK	Outer_Full	23.85	21.05
n77H	100	30	3930	DFT	16QAM	Inner_Full	24.17	21.37
n77H	100	30	3930	DFT	16QAM	Edge_1RB_Left	20.02	17.22
n77H	100	30	3930	DFT	16QAM	Edge_1RB_Right	20.76	17.96
n77H	100	30	3930	DFT	16QAM	Outer_Full	22.86	20.06
n77H	100	30	3930	DFT	64QAM	Inner_Full	22.72	19.92
n77H	100	30	3930	DFT	64QAM	Edge_1RB_Left	20.02	17.22
n77H	100	30	3930	DFT	64QAM	Edge_1RB_Right	20.88	18.08
n77H	100	30	3930	DFT	64QAM	Outer_Full	22.32	19.52
n77H	100	30	3930	DFT	256QAM	Inner_Full	20.85	18.05
n77H	100	30	3930	DFT	256QAM	Edge_1RB_Left	19.46	16.66
n77H	100	30	3930	DFT	256QAM	Edge_1RB_Right	20.27	17.47
n77H	100	30	3930	DFT	256QAM	Outer_Full	20.56	17.76
n77H	100	30	3930	CP	QPSK	Inner_Full	23.71	20.91
n77H	100	30	3930	CP	QPSK	Edge_1RB_Left	20.01	17.21
n77H	100	30	3930	CP	QPSK	Edge_1RB_Right	20.93	18.13
n77H	100	30	3930	CP	QPSK	Outer_Full	21.87	19.07
n77H	100	30	3930	CP	16QAM	Inner_Full	23.17	20.37
n77H	100	30	3930	CP	16QAM	Edge_1RB_Left	20.03	17.23
n77H	100	30	3930	CP	16QAM	Edge_1RB_Right	20.82	18.02
n77H	100	30	3930	CP	16QAM	Outer_Full	21.84	19.04
n77H	100	30	3930	CP	64QAM	Inner_Full	21.69	18.89
n77H	100	30	3930	CP	64QAM	Edge_1RB_Left	20.02	17.22
n77H	100	30	3930	CP	64QAM	Edge_1RB_Right	21.36	18.56
n77H	100	30	3930	CP	64QAM	Outer_Full	21.25	18.45
n77H	100	30	3930	CP	256QAM	Inner_Full	18.85	16.05
n77H	100	30	3930	CP	256QAM	Edge_1RB_Left	17.20	14.40
n77H	100	30	3930	CP	256QAM	Edge_1RB_Right	18.32	15.52
n77H	100	30	3930	CP	256QAM	Outer_Full	18.47	15.67

A.2 Emission Limit

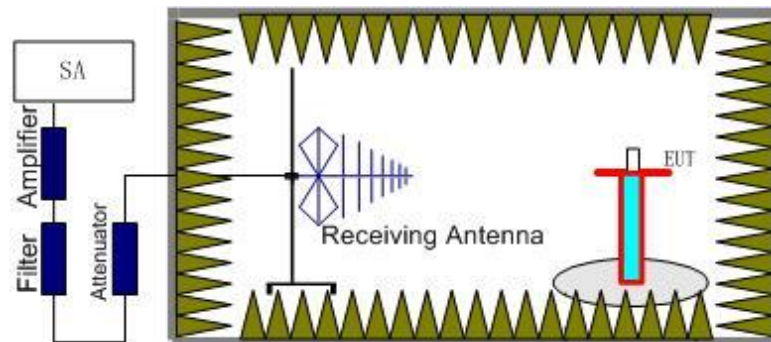
A.2.1 Measurement Method

The measurements procedures in TIA-603E-2016 are used. This measurement is carried out in fully anechoic chamber FAC-3.

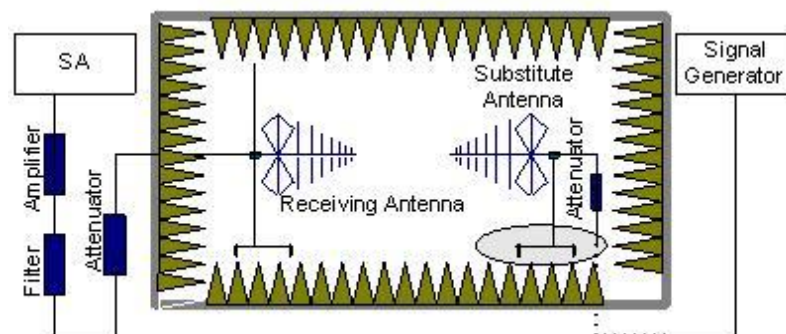
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of each LTE Band.

The procedure of radiated spurious emissions is as follows:

1. EUT was placed on a 1.5-meter-high non-conductive stand at a 3-meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360 and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere

with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna. Adjust the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (P_{pl}) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain (G_a) should be recorded after test.
An amplifier should be connected in for the test.
The Path loss (P_{pl}) is the summation of the cable loss and the gain of the amplifier.
The measurement results are obtained as described below:
Power (EIRP) = $P_{\text{Mea}} - P_{\text{pl}} + G_a$
5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit: dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.

A.2.2 Measurement Limit

NR n2/25: Part 24.238 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

NR n7/41: Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

NR n4/66: Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

NR n12/13/71: Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

A.2.3 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier



frequencies of each LTE Band. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of each LTE Band into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this. The range of evaluated frequency is from 30MHz to 26GHz.

DC_12A_n2_BPSK_CH370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3726.01	-59.88	6.37	8.52	-57.73	-13.00	44.73	V
4406.01	-51.52	6.45	9.31	-48.66	-13.00	35.66	H
5551.01	-29.51	7.18	10.59	-26.10	-13.00	13.10	V
7374.01	-54.25	8.11	12.05	-50.31	-13.00	37.31	V
9253.01	-48.17	9.05	13.25	-43.97	-13.00	30.97	H
10999.00	-50.40	10.02	13.20	-47.22	-13.00	34.22	V

DC_12A_n2_BPSK_CH376000

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2116.00	-40.48	4.21	4.95	-39.74	-13.00	26.74	H
3527.01	-57.96	5.59	8.24	-55.31	-13.00	42.31	V
4461.01	-47.04	6.53	9.36	-44.21	-13.00	31.21	H
5634.01	-27.32	7.27	10.57	-24.02	-13.00	11.02	H
7503.01	-54.46	8.38	12.20	-50.64	-13.00	37.64	H
9394.01	-43.19	9.04	13.34	-38.89	-13.00	25.89	H

DC_12A_n2_BPSK_CH381500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3837.01	-60.41	6.07	8.67	-57.81	-13.00	44.81	H
4516.01	-44.80	6.55	9.42	-41.93	-13.00	28.93	H
5716.01	-27.17	7.30	10.56	-23.91	-13.00	10.91	H
7603.01	-55.42	7.99	12.28	-51.13	-13.00	38.13	H
9530.01	-40.09	9.43	13.37	-36.15	-13.00	23.15	H
11455.00	-51.21	9.93	13.11	-48.03	-13.00	35.03	H

DC_66A_n2_BPSK_CH370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3506.01	-49.32	5.53	8.21	-46.64	-13.00	33.64	V
5259.01	-49.97	7.00	10.26	-46.71	-13.00	33.71	V
5455.01	-40.50	6.89	10.54	-36.85	-13.00	23.85	V
5552.01	-29.63	7.18	10.59	-26.22	-13.00	13.22	V
5649.01	-53.10	7.27	10.57	-49.80	-13.00	36.80	H
9255.01	-48.64	9.05	13.25	-44.44	-13.00	31.44	H

DC_66A_n2_BPSK_CH376000

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3506.01	-49.94	5.53	8.21	-47.26	-13.00	34.26	V
5259.01	-51.29	7.00	10.26	-48.03	-13.00	35.03	V
5509.01	-41.54	7.09	10.60	-38.03	-13.00	25.03	H
5634.01	-26.73	7.27	10.57	-23.43	-13.00	10.43	H
5759.01	-54.58	7.25	10.55	-51.28	-13.00	38.28	H
9391.01	-44.51	9.05	13.33	-40.23	-13.00	27.23	H

DC_66A_n2_BPSK_CH381500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3506.01	-52.13	5.53	8.21	-49.45	-13.00	36.45	V
5260.01	-53.16	7.00	10.26	-49.90	-13.00	36.90	V
5565.01	-43.18	7.20	10.59	-39.79	-13.00	26.79	H
5716.01	-26.79	7.30	10.56	-23.53	-13.00	10.53	H
8331.01	-54.65	8.66	12.86	-50.45	-13.00	37.45	H
9531.01	-43.35	9.43	13.37	-39.41	-13.00	26.41	H

SA n2_BPSK_CH370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3701.01	-39.45	6.42	8.48	-37.39	-13.00	24.39	V
5551.01	-21.24	7.18	10.59	-17.83	-13.00	4.83	H
7402.01	-46.42	8.12	12.08	-42.46	-13.00	29.46	H
9256.01	-43.01	9.05	13.25	-38.81	-13.00	25.81	H
11082.00	-51.05	9.87	13.18	-47.74	-13.00	34.74	V
12958.00	-47.38	10.48	13.47	-44.39	-13.00	31.39	V

SA n2_BPSK_CH376000

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3756.01	-40.62	6.27	8.56	-38.33	-13.00	25.33	V
5639.01	-24.02	7.27	10.57	-20.72	-13.00	7.72	V
7518.01	-44.64	8.32	12.21	-40.75	-13.00	27.75	H
9397.01	-36.42	9.04	13.34	-32.12	-13.00	19.12	H
11271.00	-50.49	9.82	13.15	-47.16	-13.00	34.16	H
13132.00	-45.29	10.80	13.68	-42.41	-13.00	29.41	V

SA n2_BPSK_CH381500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3811.01	-40.07	6.10	8.64	-37.53	-13.00	24.53	V
5717.01	-22.15	7.30	10.56	-18.89	-13.00	5.89	H
7625.01	-42.79	8.09	12.30	-38.58	-13.00	25.58	H
9535.01	-34.22	9.42	13.36	-30.28	-13.00	17.28	H
11436.00	-49.41	9.97	13.11	-46.27	-13.00	33.27	H
13332.00	-44.73	10.58	13.96	-41.35	-13.00	28.35	V

DC_2A_n5_BPSK_CH165300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1663.01	-54.60	3.57	5.21	2.15	-55.11	-13.00	42.11	H
2473.00	-41.35	4.60	6.02	2.15	-42.08	-13.00	29.08	V
3312.02	-60.54	5.29	7.75	2.15	-60.23	-13.00	47.23	V
4121.96	-57.38	6.04	9.02	2.15	-56.55	-13.00	43.55	H
5633.91	-44.04	7.27	10.57	2.15	-42.89	-13.00	29.89	H
9389.74	-48.23	9.05	13.33	2.15	-46.10	-13.00	33.10	H

DC_2A_n5_BPSK_CH167300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1673.01	-55.39	3.58	5.19	2.15	-55.93	-13.00	42.93	V
2503.50	-42.35	4.63	6.11	2.15	-43.02	-13.00	30.02	H
3355.89	-60.53	5.32	7.85	2.15	-60.15	-13.00	47.15	H
4191.61	-57.75	6.19	9.09	2.15	-57.00	-13.00	44.00	H
5633.91	-43.90	7.27	10.57	2.15	-42.75	-13.00	29.75	H
11267.31	-48.15	9.80	13.15	2.15	-46.95	-13.00	36.95	V

DC_2A_n5_BPSK_CH169300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1704.51	-55.43	3.60	5.13	2.15	-56.05	-13.00	43.05	V
2533.00	-43.36	4.66	6.16	2.15	-44.01	-13.00	31.01	H
3376.09	-59.98	5.34	7.90	2.15	-59.57	-13.00	46.57	H
4221.55	-56.81	6.26	9.12	2.15	-56.10	-13.00	43.10	H
5633.21	-47.09	7.27	10.57	2.15	-45.94	-13.00	32.94	H
11274.97	-48.67	9.85	13.15	2.15	-47.52	-13.00	34.52	H

DC_66A_n5_BPSK_CH165300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3505.63	-46.76	5.53	8.21	2.15	-46.23	-13.00	33.23	V
4121.96	-52.84	6.04	9.02	2.15	-52.01	-13.00	39.01	H
5258.53	-46.75	7.00	10.26	2.15	-45.64	-13.00	32.64	V
7003.78	-52.67	8.29	11.60	2.15	-51.51	-13.00	38.51	H
8745.54	-53.15	8.50	13.05	2.15	-50.75	-13.00	37.75	H
10524.22	-50.78	9.56	13.10	2.15	-49.39	-13.00	36.39	V

DC_66A_n5_BPSK_CH167300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2503.00	-45.22	4.63	6.11	2.15	-45.89	-13.00	32.89	V
3505.63	-47.54	5.53	8.21	2.15	-47.01	-13.00	34.01	V
4172.11	-52.57	6.14	9.07	2.15	-51.79	-13.00	38.79	H
5258.53	-45.97	7.00	10.26	2.15	-44.86	-13.00	31.86	V
7008.65	-53.05	8.29	11.61	2.15	-51.88	-13.00	38.88	H
8758.78	-52.45	8.54	13.05	2.15	-50.09	-13.00	37.09	H

DC_66A_n5_BPSK_CH169300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1689.01	-49.35	3.59	5.16	2.15	-49.93	-13.00	36.93	V
3505.63	-46.35	5.53	8.21	2.15	-45.82	-13.00	32.82	V
5258.53	-47.89	7.00	10.26	2.15	-46.78	-13.00	33.78	V
6996.12	-52.82	8.27	11.60	2.15	-51.64	-13.00	38.64	H
8778.28	-52.51	8.60	13.06	2.15	-50.20	-13.00	37.20	V
10512.38	-50.02	9.44	13.13	2.15	-49.48	-13.00	36.48	V

SA n5_BPSK_CH165300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1665.51	-55.12	3.58	5.20	2.15	-55.65	-13.00	42.65	H
2473.00	-34.52	4.60	6.02	2.15	-35.25	-13.00	22.25	H
3296.70	-59.34	5.29	7.71	2.15	-59.07	-13.00	46.07	V
4121.27	-47.27	6.04	9.02	2.15	-46.44	-13.00	33.44	H
4973.00	-57.32	6.65	9.87	2.15	-56.25	-13.00	43.25	V
5774.59	-56.93	7.23	10.55	2.15	-55.76	-13.00	42.76	H

SA n5_BPSK_CH167300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1681.01	-55.33	3.59	5.17	2.15	-55.90	-13.00	42.90	V
2503.00	-31.69	4.63	6.11	2.15	-32.36	-13.00	19.36	H
3342.66	-60.40	5.31	7.82	2.15	-60.04	-13.00	47.04	H
4172.11	-50.53	6.14	9.07	2.15	-49.75	-13.00	36.75	H
5008.52	-57.34	6.59	9.91	2.15	-56.17	-13.00	43.17	V
5840.75	-51.87	7.21	10.53	2.15	-50.70	-13.00	37.70	H

SA n5_BPSK_CH169300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1701.01	-54.44	3.60	5.14	2.15	-55.05	-13.00	42.05	V
2533.00	-37.28	4.66	6.16	2.15	-37.93	-13.00	24.93	H
3378.88	-60.66	5.34	7.91	2.15	-60.24	-13.00	47.24	H
4221.55	-51.95	6.26	9.12	2.15	-51.24	-13.00	38.24	H
5085.82	-56.61	6.73	10.02	2.15	-55.47	-13.00	42.47	V
5911.09	-56.95	7.43	10.52	2.15	-56.01	-13.00	43.01	H

DC_66A_n25A_BPSK_CH370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3491.01	-56.15	5.50	8.18	-53.47	-13.00	40.47	H
5248.01	-55.04	7.00	10.25	-51.79	-13.00	38.79	H
6989.01	-53.03	8.21	11.59	-49.65	-13.00	36.65	V
3706.01	-36.94	6.41	8.49	-34.86	-13.00	21.86	V
5561.01	-21.34	7.19	10.59	-17.94	-13.00	4.94	H
9278.01	-36.68	9.10	13.27	-32.51	-13.00	19.51	V

DC_66A_n25A_BPSK_CH376500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3478.01	-55.82	5.48	8.15	-53.15	-13.00	40.15	V
5258.01	-55.03	7.00	10.26	-51.77	-13.00	38.77	H
6965.01	-53.63	8.03	11.56	-50.10	-13.00	37.10	V
3765.01	-36.55	6.25	8.57	-34.23	-13.00	21.23	V
5651.01	-21.01	7.27	10.57	-17.71	-13.00	4.71	V
9430.01	-29.08	9.19	13.36	-24.91	-13.00	11.91	V

DC_66A_n25A_BPSK_CH 382500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3469.01	-56.33	5.46	8.13	-53.66	-13.00	40.66	H
5221.01	-55.35	6.99	10.21	-52.13	-13.00	39.13	H
6950.01	-53.73	7.91	11.54	-50.10	-13.00	37.10	H
3826.01	-37.59	6.06	8.66	-34.99	-13.00	21.99	H
5741.01	-23.78	7.28	10.55	-20.51	-13.00	7.51	H
9575.01	-30.43	9.27	13.32	-26.38	-13.00	13.38	H

DC_2A_n25A_BPSK_CH 370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3747.01	-55.09	6.30	8.55	-52.84	-13.00	39.84	H
5645.01	-53.90	7.27	10.57	-50.60	-13.00	37.60	V
7496.01	-53.91	8.38	12.20	-50.09	-13.00	37.09	V
3706.01	-37.39	6.41	8.49	-35.31	-13.00	22.31	V
5562.01	-21.27	7.19	10.59	-17.87	-13.00	4.87	V
9276.01	-37.00	9.10	13.27	-32.83	-13.00	19.83	H

DC_2A_n25A_BPSK_CH 376500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3765.01	-40.97	6.25	8.57	-38.65	-13.00	25.65	H
5652.01	-21.38	7.27	10.57	-18.08	-13.00	5.08	V
7542.01	-51.92	8.22	12.23	-47.91	-13.00	34.91	V
9425.01	-31.24	9.16	13.36	-27.04	-13.00	14.04	H
11303.00	-43.45	10.00	13.14	-40.31	-13.00	27.31	V
13152.00	-47.49	10.71	13.71	-44.49	-13.00	31.49	V

DC_2A_n25A_BPSK_CH 382500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3740.01	-55.62	6.32	8.54	-53.40	-13.00	40.40	H
5646.01	-52.50	7.27	10.57	-49.20	-13.00	36.20	V
7493.01	-54.12	8.37	12.19	-50.30	-13.00	37.30	H
3825.01	-38.69	6.06	8.66	-36.09	-13.00	23.09	H
5742.01	-23.19	7.28	10.55	-19.92	-13.00	6.92	V
9578.01	-28.52	9.26	13.32	-24.46	-13.00	11.46	V

DC_12A_n25A_BPSK_CH370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1415.01	-45.20	3.25	5.06	2.15	-45.54	-13.00	32.54	H
2123.00	-47.32	4.21	4.97	2.15	-48.71	-13.00	35.71	H
2849.00	-49.19	4.96	6.73	2.15	-49.57	-13.00	36.57	V
3706.01	-38.97	6.41	8.49	0	-36.89	-13.00	23.89	V
5561.01	-23.34	7.19	10.59	0	-19.94	-13.00	6.94	V
9276.01	-33.64	9.10	13.27	0	-29.47	-13.00	16.47	V

DC_12A_n25A_BPSK_CH376500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1415.01	-44.82	3.25	5.06	2.15	-45.16	-13.00	32.16	H
2123.00	-46.25	4.21	4.97	2.15	-47.64	-13.00	34.64	H
2831.00	-50.42	4.95	6.70	2.15	-50.82	-13.00	37.82	V
3766.01	-38.03	6.24	8.57	0	-35.70	-13.00	22.70	V
5652.01	-22.45	7.27	10.57	0	-19.15	-13.00	6.15	H
9426.01	-32.51	9.17	13.36	0	-28.32	-13.00	15.32	H

DC_12A_n25A_BPSK_CH382500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1400.01	-58.45	3.24	4.98	2.15	-58.86	-13.00	45.86	V
2124.00	-54.57	4.21	4.97	2.15	-55.96	-13.00	42.96	V
2849.00	-50.09	4.96	6.73	2.15	-50.47	-13.00	37.47	V
3826.01	-40.30	6.06	8.66	0	-37.70	-13.00	24.70	H
5742.01	-23.48	7.28	10.55	0	-20.21	-13.00	7.21	H
9576.01	-30.26	9.27	13.32	0	-26.21	-13.00	13.21	H

DC_2A_n41A_BPSK_CH 500202

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3733.01	-55.49	6.35	8.53	-53.31	-25.00	28.31	V
5643.01	-48.65	7.27	10.57	-45.35	-25.00	20.35	V
7518.01	-48.74	8.32	12.21	-44.85	-25.00	19.85	H
5005.01	-46.73	6.59	9.91	-43.41	-25.00	18.41	V
7518.01	-48.74	8.32	12.21	-44.85	-25.00	19.85	H
10012.01	-46.48	9.21	12.90	-42.79	-25.00	17.79	V

DC_2A_n41A_BPSK_CH 518598

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3758.01	-55.37	6.27	8.56	-53.08	-25.00	28.08	V
5646.01	-48.16	7.27	10.57	-44.86	-25.00	19.86	H
7491.01	-53.33	8.37	12.19	-49.51	-25.00	24.51	H
5190.01	-40.31	6.94	10.17	-37.08	-25.00	12.08	H
7790.01	-37.72	8.30	12.43	-33.59	-25.00	8.59	H
10386.01	-50.34	9.78	13.05	-47.07	-25.00	22.07	V

DC_2A_n41A_BPSK_CH 537000

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3743.01	-55.55	6.31	8.54	-53.32	-25.00	28.32	V
5644.01	-49.47	7.27	10.57	-46.17	-25.00	21.17	V
7528.01	-54.15	8.28	12.22	-50.21	-25.00	25.21	V
5372.01	-31.00	6.89	10.42	-27.47	-25.00	2.47	V
8072.01	-29.50	8.32	12.66	-25.16	-25.00	0.16	H
10757.00	-49.78	9.44	13.15	-46.07	-25.00	21.07	H

DC_66A_n41A_BPSK_CH 500202

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3482.00	-57.08	5.49	8.16	-54.41	-25.00	29.41	V
5266.00	-53.99	6.99	10.27	-50.71	-25.00	25.71	V
7031.00	-54.06	8.25	11.64	-50.67	-25.00	25.67	H
5003.00	-51.63	6.60	9.90	-48.33	-25.00	23.33	H
7504.00	-52.69	8.38	12.20	-48.87	-25.00	23.87	V
10013.00	-52.35	9.22	12.91	-48.66	-25.00	23.66	V

DC_66A_n41A_BPSK_CH 518598

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3512.00	-56.97	5.54	8.22	-54.29	-25.00	29.29	V
5266.00	-54.55	6.99	10.27	-51.27	-25.00	26.27	V
7049.00	-54.32	8.23	11.66	-50.89	-25.00	25.89	H
5160.00	-55.41	6.90	10.12	-52.19	-25.00	27.19	V
7780.00	-45.04	8.32	12.42	-40.94	-25.00	15.94	H
10377.00	-51.06	9.76	13.05	-47.77	-25.00	22.77	V

DC_66A_n41A_BPSK_CH 537000

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3499.00	-56.33	5.52	8.20	-53.65	-25.00	28.65	H
5255.00	-55.44	7.00	10.26	-52.18	-25.00	27.18	H
6994.00	-54.09	8.25	11.59	-50.75	-25.00	25.75	H
5370.00	-38.69	6.89	10.42	-35.16	-25.00	10.16	H
8056.00	-40.56	8.32	12.64	-36.24	-25.00	11.24	H
10739.00	-50.95	9.40	13.15	-47.20	-25.00	22.20	V

DC_2A_n66A_BPSK_CH 342500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3759.01	-55.10	6.26	8.56	-52.80	-13.00	39.80	V
5648.01	-55.11	7.27	10.57	-51.81	-13.00	38.81	V
7508.01	-53.56	8.36	12.21	-49.71	-13.00	36.71	V
3425.01	-51.11	5.38	8.02	-48.47	-13.00	35.47	V
5141.01	-30.19	6.87	10.10	-26.96	-13.00	13.96	V
8580.01	-36.23	8.53	13.02	-31.74	-13.00	18.74	V

DC_2A_n66A_BPSK_CH 347500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3732.01	-54.41	6.35	8.52	-52.24	-13.00	39.24	V
5643.01	-55.44	7.27	10.57	-52.14	-13.00	39.14	V
7549.01	-53.83	8.19	12.24	-49.78	-13.00	36.78	H
3476.01	-53.79	5.48	8.14	-51.13	-13.00	38.13	H
5217.01	-25.81	6.99	10.20	-22.60	-13.00	9.60	H
8700.01	-35.88	8.36	13.04	-31.20	-13.00	18.20	V

DC_2A_n66A_BPSK_CH 352500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3757.01	-55.39	6.27	8.56	-53.10	-13.00	40.10	V
5637.01	-55.62	7.27	10.57	-52.32	-13.00	39.32	H
7510.01	-53.83	8.35	12.21	-49.97	-13.00	36.97	H
3525.01	-53.98	5.57	8.24	-51.31	-13.00	38.31	V
5291.01	-23.76	6.99	10.31	-20.44	-13.00	7.44	V
8826.01	-35.27	8.71	13.07	-30.91	-13.00	17.91	V

DC_12A_n66A_BPSK_CH 342500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1415.01	-57.96	3.25	5.06	2.15	-58.30	-13.00	45.30	V
2857.00	-50.79	4.96	6.74	2.15	-51.16	-13.00	38.16	V
3557.01	-54.08	5.90	8.28	2.15	-53.85	-13.00	40.85	V
3425.01	-50.95	5.38	8.02	0	-48.31	-13.00	35.31	H
5142.01	-30.90	6.87	10.10	0	-27.67	-13.00	14.67	H
8578.01	-34.70	8.53	13.02	0	-30.21	-13.00	17.21	H

DC_12A_n66A_BPSK_CH 347500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1395.01	-45.88	3.23	4.95	2.15	-46.31	-13.00	33.31	H
2831.00	-51.08	4.95	6.70	2.15	-51.48	-13.00	38.48	V
6342.01	-52.14	7.56	10.84	2.15	-51.01	-13.00	38.01	V
3475.01	-54.25	5.47	8.14	0	-51.58	-13.00	38.58	H
5217.01	-26.77	6.99	10.20	0	-23.56	-13.00	10.56	V
8701.01	-34.76	8.36	13.04	0	-30.08	-13.00	17.08	V

DC_12A_n66A_BPSK_CH 352500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2152.00	-43.58	4.25	5.06	2.15	-44.92	-13.00	31.92	H
2818.00	-45.35	4.94	6.67	2.15	-45.77	-13.00	32.77	V
4233.01	-51.59	6.26	9.13	2.15	-50.87	-13.00	37.87	V
3525.01	-54.08	5.57	8.24	0	-51.41	-13.00	38.41	V
5292.01	-23.68	6.99	10.31	0	-20.36	-13.00	7.36	H
8826.01	-34.14	8.71	13.07	0	-29.78	-13.00	16.78	H

DC_66A_n66_BPSK_CH342500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3421.01	-71.70	5.38	8.01	-69.07	-13.00	56.07	H
5133.01	-48.09	6.86	10.09	-44.86	-13.00	31.86	V
6860.01	-65.79	7.81	11.43	-62.17	-13.00	49.17	H
8556.01	-63.49	8.57	13.01	-59.05	-13.00	46.05	V
10265.01	-63.46	9.52	13.01	-59.97	-13.00	46.97	V
11974.00	-59.31	10.17	13.01	-56.47	-13.00	43.47	H

DC_66A_n66_BPSK_CH347500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3471.01	-71.61	5.47	8.13	-68.95	-13.00	55.95	H
5208.01	-47.89	6.97	10.19	-44.67	-13.00	31.67	V
6951.01	-65.82	7.92	11.54	-62.20	-13.00	49.20	H
8680.01	-65.16	8.39	13.04	-60.51	-13.00	47.51	H
10412.01	-63.19	9.78	13.06	-59.91	-13.00	46.91	V
12151.00	-60.11	10.20	13.06	-57.25	-13.00	44.25	H

DC_66A_n66_BPSK_CH352500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3539.01	-70.91	5.71	8.25	-68.37	-13.00	55.37	H
5284.01	-46.27	6.99	10.30	-42.96	-13.00	29.96	V
7032.01	-65.58	8.25	11.64	-62.19	-13.00	49.19	H
8804.01	-64.14	8.67	13.06	-59.75	-13.00	46.75	H
10583.00	-62.63	9.34	13.12	-58.85	-13.00	45.85	H
12325.00	-60.03	10.11	13.13	-57.01	-13.00	44.01	H

SA n70_BPSK_CH339500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3390.72	-37.37	5.35	7.94	2.15	-36.93	-13.00	23.93	V
5085.82	-28.08	6.73	10.02	2.15	-26.94	-13.00	13.94	V
6781.62	-40.49	7.92	11.34	2.15	-39.22	-13.00	26.22	H
8476.72	-40.88	8.66	12.98	2.15	-38.71	-13.00	25.71	V
10171.83	-45.60	9.35	12.97	2.15	-44.13	-13.00	31.13	H
11869.72	-48.06	10.40	13.03	2.15	-47.58	-13.00	36.99	H

SA n70_BPSK_CH340500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3401.16	-38.30	5.36	7.96	2.15	-37.85	-13.00	24.85	V
5101.14	-26.32	6.78	10.04	2.15	-25.21	-13.00	12.21	H
6801.12	-40.70	7.89	11.36	2.15	-39.38	-13.00	26.38	H
8501.79	-41.47	8.67	13.00	2.15	-39.29	-13.00	26.29	V
10202.47	-47.07	9.31	12.98	2.15	-45.55	-13.00	32.55	V
11925.43	-47.48	10.40	13.01	2.15	-47.02	-13.00	36.13	H

SA n70_BPSK_CH341500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3410.91	-38.58	5.37	7.99	2.15	-38.11	-13.00	25.11	V
5116.46	-27.67	6.82	10.06	2.15	-26.58	-13.00	13.58	H
6821.32	-33.62	7.86	11.39	2.15	-32.24	-13.00	19.24	H
8526.87	-41.77	8.62	13.01	2.15	-39.53	-13.00	26.53	V
10232.42	-49.83	9.41	12.99	2.15	-48.40	-13.00	35.40	H
11937.97	-47.34	10.34	13.01	2.15	-46.82	-13.00	33.82	H

DC_2A_n71A_BPSK_CH 133100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3752.52	-52.09	6.28	8.55	0.00	-51.97	-13.00	38.97	V
5628.01	-53.09	7.26	10.57	0.00	-51.93	-13.00	38.93	V
7506.01	-52.16	8.37	12.20	0.00	-50.48	-13.00	37.48	V
1331.51	-52.51	3.15	4.62	2.15	-53.19	-13.00	40.19	H
1997.01	-52.09	4.04	4.61	2.15	-53.67	-13.00	40.67	V
2676.00	-53.24	4.76	6.42	2.15	-53.73	-13.00	40.73	V

DC_2A_n71A_BPSK_CH 136100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3747.02	-56.25	6.30	8.55	0.00	-54.00	-13.00	41.00	V
5632.01	-55.39	7.26	10.57	0.00	-52.08	-13.00	39.08	H
7516.01	-54.33	8.33	12.21	0.00	-50.45	-13.00	37.45	H
1364.51	-43.84	3.19	4.80	2.15	-44.38	-13.00	31.38	V
2042.00	-49.95	4.14	4.73	2.15	-51.51	-13.00	38.51	V
2727.00	-53.19	4.81	6.51	2.15	-53.64	-13.00	40.64	V

DC_2A_n71A_BPSK_CH 139100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3773.02	-56.25	6.22	8.58	0.00	-53.89	-13.00	40.89	V
5641.01	-46.22	7.27	10.57	0.00	-42.92	-13.00	29.92	H
7530.51	-53.95	8.27	12.22	0.00	-50.00	-13.00	37.00	V
1391.51	-39.16	3.23	4.94	2.15	-39.60	-13.00	26.60	V
2087.00	-45.08	4.18	4.86	2.15	-46.55	-13.00	33.55	H
2783.00	-52.85	4.89	6.61	2.15	-53.28	-13.00	40.28	V

DC_66A_n71A_BPSK_CH 133100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3523.02	-56.52	5.56	8.23	0.00	-53.85	-13.00	40.85	H
5266.01	-54.20	6.99	10.27	0.00	-50.92	-13.00	37.92	H
7013.01	-54.23	8.28	11.62	0.00	-50.89	-13.00	37.89	V
1331.01	-43.43	3.15	4.62	2.15	-44.11	-13.00	31.11	H
1997.01	-43.66	4.04	4.61	2.15	-45.24	-13.00	32.24	V
2671.00	-53.46	4.76	6.41	2.15	-53.96	-13.00	40.96	H

DC_66A_n71A_BPSK_CH 136100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3512.02	-57.29	5.54	8.22	0.00	-54.61	-13.00	41.61	V
5266.01	-56.24	6.99	10.27	0.00	-52.96	-13.00	39.96	H
7026.51	-53.21	8.26	11.63	0.00	-49.84	-13.00	36.84	V
1361.01	-40.50	3.19	4.78	2.15	-41.06	-13.00	28.06	H
2042.00	-45.18	4.14	4.73	2.15	-46.74	-13.00	33.74	V
2726.00	-53.39	4.81	6.51	2.15	-53.84	-13.00	40.84	V

DC_66A_n71A_BPSK_CH 139100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3519.02	-56.87	5.55	8.23	0.00	-54.19	-13.00	41.19	H
5262.51	-55.51	6.99	10.27	0.00	-52.23	-13.00	39.23	H
7033.51	-54.47	8.25	11.64	0.00	-51.08	-13.00	38.08	V
1391.01	-44.07	3.22	4.93	2.15	-44.51	-13.00	31.51	V
2087.00	-48.72	4.18	4.86	2.15	-50.19	-13.00	37.19	H
2791.00	-53.88	4.90	6.62	2.15	-54.31	-13.00	41.31	V

SA_n25_BPSK_CH370500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3705.01	-37.32	6.42	8.49	-35.25	-13.00	22.25	V
5561.01	-21.48	7.19	10.59	-18.08	-13.00	5.08	H
7423.01	-49.91	8.18	12.11	-45.98	-13.00	32.98	H
9281.01	-36.60	9.11	13.27	-32.44	-13.00	19.44	V
11131.00	-41.29	9.70	13.17	-37.82	-13.00	24.82	V
12973.00	-47.83	10.48	13.48	-44.83	-13.00	31.83	H

SA_n25_BPSK_CH376500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3766.01	-37.80	6.24	8.57	-35.47	-13.00	22.47	H
5653.01	-22.15	7.27	10.57	-18.85	-13.00	5.85	H
7546.01	-46.92	8.20	12.24	-42.88	-13.00	29.88	H
9423.01	-33.03	9.15	13.35	-28.83	-13.00	15.83	V
11311.00	-44.93	10.00	13.14	-41.79	-13.00	28.79	H
13191.00	-47.98	10.54	13.77	-44.75	-13.00	31.75	H

SA_n25_BPSK_CH382500

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3825.01	-35.98	6.06	8.66	-33.38	-13.00	20.38	H
5743.01	-24.36	7.27	10.55	-21.08	-13.00	8.08	H
7657.01	-46.18	8.23	12.33	-42.08	-13.00	29.08	V
9579.01	-24.51	9.25	13.32	-20.44	-13.00	7.44	V
11491.00	-46.30	9.83	13.10	-43.03	-13.00	30.03	H
13393.00	-48.23	10.57	14.05	-44.75	-13.00	31.75	H

SA_n41_BPSK_CH 500202

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5006.01	-43.97	6.59	9.91	-40.65	-25.00	15.65	H
7507.01	-46.27	8.36	12.21	-42.42	-25.00	17.42	V
10008.01	-51.77	9.20	12.90	-48.07	-25.00	23.07	V
12499.00	-48.34	10.18	13.20	-45.32	-25.00	20.32	V
15029.00	-45.03	11.25	13.98	-42.30	-25.00	17.30	H
17529.00	-44.07	12.84	14.94	-41.97	-25.00	16.97	H

SA_n41_BPSK_CH 518598

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5187.01	-39.82	6.94	10.16	-36.60	-25.00	11.60	V
7783.01	-40.14	8.31	12.43	-36.02	-25.00	11.02	H
10338.01	-50.90	9.70	13.04	-47.56	-25.00	22.56	V
12978.00	-47.50	10.48	13.49	-44.49	-25.00	19.49	V
15522.00	-43.25	11.52	13.70	-41.07	-25.00	16.07	H
16827.00	-41.53	12.08	13.73	-39.88	-25.00	14.88	H

SA_n41_BPSK_CH 537000

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5373.01	-34.09	6.89	10.42	-30.56	-25.00	5.56	V
8068.01	-34.60	8.32	12.65	-30.27	-25.00	5.27	V
10722.00	-50.00	9.36	13.14	-46.22	-25.00	21.22	V
13431.00	-43.93	10.59	14.10	-40.42	-25.00	15.42	V
16121.00	-42.41	11.83	13.68	-40.56	-25.00	15.56	H
17461.00	-44.03	12.64	14.81	-41.86	-25.00	16.86	V