



n7	15	5	507000	25@0	CP_QPSK	11.97
n7	15	5	507000	13@6	CP_QPSK	13.28
n7	15	5	507000	1@1	CP_QPSK	13.28
n7	15	5	507000	1@23	CP_QPSK	13.23
n7	15	5	513500	25@0	DFT_BPSK	14.25
n7	15	5	513500	12@6	DFT_BPSK	14.73
n7	15	5	513500	1@1	DFT_BPSK	14.66
n7	15	5	513500	1@23	DFT_BPSK	14.63
n7	15	5	513500	25@0	DFT_QPSK	13.81
n7	15	5	513500	12@6	DFT_QPSK	14.83
n7	15	5	513500	1@1	DFT_QPSK	14.52
n7	15	5	513500	1@23	DFT_QPSK	14.45
n7	15	5	513500	25@0	DFT_16QAM	12.79
n7	15	5	513500	12@6	DFT_16QAM	13.74
n7	15	5	513500	1@1	DFT_16QAM	14.1
n7	15	5	513500	1@23	DFT_16QAM	14
n7	15	5	513500	25@0	DFT_64QAM	12.43
n7	15	5	513500	12@6	DFT_64QAM	12.43
n7	15	5	513500	1@1	DFT_64QAM	12.6
n7	15	5	513500	1@23	DFT_64QAM	12.58
n7	15	5	513500	25@0	DFT_256QAM	10.3
n7	15	5	513500	12@6	DFT_256QAM	10.34
n7	15	5	513500	1@1	DFT_256QAM	10.27
n7	15	5	513500	1@23	DFT_256QAM	10.23
n7	15	5	513500	25@0	CP_QPSK	11.86
n7	15	5	513500	13@6	CP_QPSK	13.15
n7	15	5	513500	1@1	CP_QPSK	13.14
n7	15	5	513500	1@23	CP_QPSK	12.97
n7	15	10	501000	50@0	DFT_BPSK	14.39
n7	15	10	501000	25@12	DFT_BPSK	14.89
n7	15	10	501000	1@1	DFT_BPSK	14.87
n7	15	10	501000	1@50	DFT_BPSK	14.67
n7	15	10	501000	50@0	DFT_QPSK	13.92
n7	15	10	501000	25@12	DFT_QPSK	14.93
n7	15	10	501000	1@1	DFT_QPSK	14.78
n7	15	10	501000	1@50	DFT_QPSK	14.69
n7	15	10	501000	50@0	DFT_16QAM	12.98
n7	15	10	501000	25@12	DFT_16QAM	13.98
n7	15	10	501000	1@1	DFT_16QAM	14.26
n7	15	10	501000	1@50	DFT_16QAM	14.18
n7	15	10	501000	50@0	DFT_64QAM	12.53
n7	15	10	501000	25@12	DFT_64QAM	12.58
n7	15	10	501000	1@1	DFT_64QAM	12.75
n7	15	10	501000	1@50	DFT_64QAM	12.72
n7	15	10	501000	50@0	DFT_256QAM	10.47
n7	15	10	501000	25@12	DFT_256QAM	10.45
n7	15	10	501000	1@1	DFT_256QAM	10.5
n7	15	10	501000	1@50	DFT_256QAM	10.38



n7	15	10	501000	52@0	CP_QPSK	11.97
n7	15	10	501000	26@13	CP_QPSK	13.34
n7	15	10	501000	1@1	CP_QPSK	13.29
n7	15	10	501000	1@50	CP_QPSK	13.19
n7	15	10	507000	50@0	DFT_BPSK	14.32
n7	15	10	507000	25@12	DFT_BPSK	14.84
n7	15	10	507000	1@1	DFT_BPSK	14.87
n7	15	10	507000	1@50	DFT_BPSK	14.78
n7	15	10	507000	50@0	DFT_QPSK	13.89
n7	15	10	507000	25@12	DFT_QPSK	14.89
n7	15	10	507000	1@1	DFT_QPSK	14.77
n7	15	10	507000	1@50	DFT_QPSK	14.72
n7	15	10	507000	50@0	DFT_16QAM	12.87
n7	15	10	507000	25@12	DFT_16QAM	13.9
n7	15	10	507000	1@1	DFT_16QAM	14.18
n7	15	10	507000	1@50	DFT_16QAM	14.04
n7	15	10	507000	50@0	DFT_64QAM	12.44
n7	15	10	507000	25@12	DFT_64QAM	12.51
n7	15	10	507000	1@1	DFT_64QAM	12.74
n7	15	10	507000	1@50	DFT_64QAM	12.63
n7	15	10	507000	50@0	DFT_256QAM	10.38
n7	15	10	507000	25@12	DFT_256QAM	10.37
n7	15	10	507000	1@1	DFT_256QAM	10.4
n7	15	10	507000	1@50	DFT_256QAM	10.36
n7	15	10	507000	52@0	CP_QPSK	11.9
n7	15	10	507000	26@13	CP_QPSK	13.27
n7	15	10	507000	1@1	CP_QPSK	13.22
n7	15	10	507000	1@50	CP_QPSK	13.24
n7	15	10	513000	50@0	DFT_BPSK	14.2
n7	15	10	513000	25@12	DFT_BPSK	14.73
n7	15	10	513000	1@1	DFT_BPSK	14.62
n7	15	10	513000	1@50	DFT_BPSK	14.62
n7	15	10	513000	50@0	DFT_QPSK	13.76
n7	15	10	513000	25@12	DFT_QPSK	14.76
n7	15	10	513000	1@1	DFT_QPSK	14.59
n7	15	10	513000	1@50	DFT_QPSK	14.54
n7	15	10	513000	50@0	DFT_16QAM	12.76
n7	15	10	513000	25@12	DFT_16QAM	13.79
n7	15	10	513000	1@1	DFT_16QAM	14.01
n7	15	10	513000	1@50	DFT_16QAM	14.01
n7	15	10	513000	50@0	DFT_64QAM	12.27
n7	15	10	513000	25@12	DFT_64QAM	12.39
n7	15	10	513000	1@1	DFT_64QAM	12.58
n7	15	10	513000	1@50	DFT_64QAM	12.56
n7	15	10	513000	50@0	DFT_256QAM	10.27
n7	15	10	513000	25@12	DFT_256QAM	10.24
n7	15	10	513000	1@1	DFT_256QAM	10.28
n7	15	10	513000	1@50	DFT_256QAM	10.21



n7	15	10	513000	52@0	CP_QPSK	11.75
n7	15	10	513000	26@13	CP_QPSK	13.12
n7	15	10	513000	1@1	CP_QPSK	13.07
n7	15	10	513000	1@50	CP_QPSK	13.08
n7	15	15	501500	75@0	DFT_BPSK	14.42
n7	15	15	501500	36@18	DFT_BPSK	14.88
n7	15	15	501500	1@1	DFT_BPSK	14.89
n7	15	15	501500	1@77	DFT_BPSK	14.73
n7	15	15	501500	75@0	DFT_QPSK	13.96
n7	15	15	501500	36@18	DFT_QPSK	14.95
n7	15	15	501500	1@1	DFT_QPSK	14.82
n7	15	15	501500	1@77	DFT_QPSK	14.69
n7	15	15	501500	75@0	DFT_16QAM	12.93
n7	15	15	501500	36@18	DFT_16QAM	13.99
n7	15	15	501500	1@1	DFT_16QAM	14.23
n7	15	15	501500	1@77	DFT_16QAM	14.19
n7	15	15	501500	75@0	DFT_64QAM	12.52
n7	15	15	501500	36@18	DFT_64QAM	12.55
n7	15	15	501500	1@1	DFT_64QAM	12.83
n7	15	15	501500	1@77	DFT_64QAM	12.71
n7	15	15	501500	75@0	DFT_256QAM	10.46
n7	15	15	501500	36@18	DFT_256QAM	10.43
n7	15	15	501500	1@1	DFT_256QAM	10.48
n7	15	15	501500	1@77	DFT_256QAM	10.39
n7	15	15	501500	79@0	CP_QPSK	11.99
n7	15	15	501500	39@19	CP_QPSK	13.43
n7	15	15	501500	1@1	CP_QPSK	13.27
n7	15	15	501500	1@77	CP_QPSK	13.2
n7	15	15	507000	75@0	DFT_BPSK	14.36
n7	15	15	507000	36@18	DFT_BPSK	14.86
n7	15	15	507000	1@1	DFT_BPSK	14.81
n7	15	15	507000	1@77	DFT_BPSK	14.68
n7	15	15	507000	75@0	DFT_QPSK	13.91
n7	15	15	507000	36@18	DFT_QPSK	14.89
n7	15	15	507000	1@1	DFT_QPSK	14.8
n7	15	15	507000	1@77	DFT_QPSK	14.71
n7	15	15	507000	75@0	DFT_16QAM	12.93
n7	15	15	507000	36@18	DFT_16QAM	13.92
n7	15	15	507000	1@1	DFT_16QAM	14.19
n7	15	15	507000	1@77	DFT_16QAM	13.91
n7	15	15	507000	75@0	DFT_64QAM	12.5
n7	15	15	507000	36@18	DFT_64QAM	12.51
n7	15	15	507000	1@1	DFT_64QAM	12.71
n7	15	15	507000	1@77	DFT_64QAM	12.51
n7	15	15	507000	75@0	DFT_256QAM	10.41
n7	15	15	507000	36@18	DFT_256QAM	10.43
n7	15	15	507000	1@1	DFT_256QAM	10.4
n7	15	15	507000	1@77	DFT_256QAM	10.23



n7	15	15	507000	79@0	CP_QPSK	11.98
n7	15	15	507000	39@19	CP_QPSK	13.38
n7	15	15	507000	1@1	CP_QPSK	13.26
n7	15	15	507000	1@77	CP_QPSK	13.13
n7	15	15	512500	75@0	DFT_BPSK	14.26
n7	15	15	512500	36@18	DFT_BPSK	14.77
n7	15	15	512500	1@1	DFT_BPSK	14.7
n7	15	15	512500	1@77	DFT_BPSK	14.63
n7	15	15	512500	75@0	DFT_QPSK	13.81
n7	15	15	512500	36@18	DFT_QPSK	14.8
n7	15	15	512500	1@1	DFT_QPSK	14.59
n7	15	15	512500	1@77	DFT_QPSK	14.52
n7	15	15	512500	75@0	DFT_16QAM	12.79
n7	15	15	512500	36@18	DFT_16QAM	13.86
n7	15	15	512500	1@1	DFT_16QAM	13.97
n7	15	15	512500	1@77	DFT_16QAM	14.01
n7	15	15	512500	75@0	DFT_64QAM	12.38
n7	15	15	512500	36@18	DFT_64QAM	12.4
n7	15	15	512500	1@1	DFT_64QAM	12.58
n7	15	15	512500	1@77	DFT_64QAM	12.5
n7	15	15	512500	75@0	DFT_256QAM	10.31
n7	15	15	512500	36@18	DFT_256QAM	10.28
n7	15	15	512500	1@1	DFT_256QAM	10.24
n7	15	15	512500	1@77	DFT_256QAM	10.24
n7	15	15	512500	79@0	CP_QPSK	11.85
n7	15	15	512500	39@19	CP_QPSK	13.3
n7	15	15	512500	1@1	CP_QPSK	13.09
n7	15	15	512500	1@77	CP_QPSK	12.98
n7	15	20	502000	100@0	DFT_BPSK	14.43
n7	15	20	502000	50@25	DFT_BPSK	14.91
n7	15	20	502000	1@1	DFT_BPSK	14.9
n7	15	20	502000	1@104	DFT_BPSK	14.84
n7	15	20	502000	100@0	DFT_QPSK	13.95
n7	15	20	502000	50@25	DFT_QPSK	14.97
n7	15	20	502000	1@1	DFT_QPSK	14.8
n7	15	20	502000	1@104	DFT_QPSK	14.71
n7	15	20	502000	100@0	DFT_16QAM	12.97
n7	15	20	502000	50@25	DFT_16QAM	14.04
n7	15	20	502000	1@1	DFT_16QAM	14.23
n7	15	20	502000	1@104	DFT_16QAM	14.11
n7	15	20	502000	100@0	DFT_64QAM	12.5
n7	15	20	502000	50@25	DFT_64QAM	12.53
n7	15	20	502000	1@1	DFT_64QAM	12.81
n7	15	20	502000	1@104	DFT_64QAM	12.64
n7	15	20	502000	100@0	DFT_256QAM	10.44
n7	15	20	502000	50@25	DFT_256QAM	10.44
n7	15	20	502000	1@1	DFT_256QAM	10.46
n7	15	20	502000	1@104	DFT_256QAM	10.44



n7	15	20	502000	106@0	CP_QPSK	11.99
n7	15	20	502000	53@26	CP_QPSK	13.43
n7	15	20	502000	1@1	CP_QPSK	13.29
n7	15	20	502000	1@104	CP_QPSK	13.16
n7	15	20	507000	100@0	DFT_BPSK	14.37
n7	15	20	507000	50@25	DFT_BPSK	14.92
n7	15	20	507000	1@1	DFT_BPSK	14.85
n7	15	20	507000	1@104	DFT_BPSK	14.71
n7	15	20	507000	100@0	DFT_QPSK	13.89
n7	15	20	507000	50@25	DFT_QPSK	14.92
n7	15	20	507000	1@1	DFT_QPSK	14.73
n7	15	20	507000	1@104	DFT_QPSK	14.69
n7	15	20	507000	100@0	DFT_16QAM	12.9
n7	15	20	507000	50@25	DFT_16QAM	13.93
n7	15	20	507000	1@1	DFT_16QAM	14.18
n7	15	20	507000	1@104	DFT_16QAM	13.91
n7	15	20	507000	100@0	DFT_64QAM	12.46
n7	15	20	507000	50@25	DFT_64QAM	12.47
n7	15	20	507000	1@1	DFT_64QAM	12.6
n7	15	20	507000	1@104	DFT_64QAM	12.51
n7	15	20	507000	100@0	DFT_256QAM	10.4
n7	15	20	507000	50@25	DFT_256QAM	10.43
n7	15	20	507000	1@1	DFT_256QAM	10.45
n7	15	20	507000	1@104	DFT_256QAM	10.25
n7	15	20	507000	106@0	CP_QPSK	11.91
n7	15	20	507000	53@26	CP_QPSK	13.35
n7	15	20	507000	1@1	CP_QPSK	13.22
n7	15	20	507000	1@104	CP_QPSK	13.09
n7	15	20	512000	100@0	DFT_BPSK	14.27
n7	15	20	512000	50@25	DFT_BPSK	14.78
n7	15	20	512000	1@1	DFT_BPSK	14.68
n7	15	20	512000	1@104	DFT_BPSK	14.54
n7	15	20	512000	100@0	DFT_QPSK	13.78
n7	15	20	512000	50@25	DFT_QPSK	14.78
n7	15	20	512000	1@1	DFT_QPSK	14.64
n7	15	20	512000	1@104	DFT_QPSK	14.51
n7	15	20	512000	100@0	DFT_16QAM	12.77
n7	15	20	512000	50@25	DFT_16QAM	13.83
n7	15	20	512000	1@1	DFT_16QAM	13.93
n7	15	20	512000	1@104	DFT_16QAM	13.97
n7	15	20	512000	100@0	DFT_64QAM	12.32
n7	15	20	512000	50@25	DFT_64QAM	12.36
n7	15	20	512000	1@1	DFT_64QAM	12.53
n7	15	20	512000	1@104	DFT_64QAM	12.55
n7	15	20	512000	100@0	DFT_256QAM	10.3
n7	15	20	512000	50@25	DFT_256QAM	10.3
n7	15	20	512000	1@1	DFT_256QAM	10.25
n7	15	20	512000	1@104	DFT_256QAM	10.25



n7	15	20	512000	106@0	CP_QPSK	11.82
n7	15	20	512000	53@26	CP_QPSK	13.24
n7	15	20	512000	1@1	CP_QPSK	13.11
n7	15	20	512000	1@104	CP_QPSK	13



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n41	30	10	500202	24@0	DFT_BPSK	19.37
n41	30	10	500202	12@6	DFT_BPSK	19.83
n41	30	10	500202	1@1	DFT_BPSK	19.8
n41	30	10	500202	1@22	DFT_BPSK	19.82
n41	30	10	500202	24@0	DFT_QPSK	18.87
n41	30	10	500202	12@6	DFT_QPSK	19.89
n41	30	10	500202	1@1	DFT_QPSK	19.79
n41	30	10	500202	1@22	DFT_QPSK	19.86
n41	30	10	500202	24@0	DFT_16QAM	17.97
n41	30	10	500202	12@6	DFT_16QAM	18.91
n41	30	10	500202	1@1	DFT_16QAM	18.7
n41	30	10	500202	1@22	DFT_16QAM	18.78
n41	30	10	500202	24@0	DFT_64QAM	17.5
n41	30	10	500202	12@6	DFT_64QAM	17.54
n41	30	10	500202	1@1	DFT_64QAM	17.4
n41	30	10	500202	1@22	DFT_64QAM	17.43
n41	30	10	500202	24@0	DFT_256QAM	15.45
n41	30	10	500202	12@6	DFT_256QAM	15.57
n41	30	10	500202	1@1	DFT_256QAM	15.35
n41	30	10	500202	1@22	DFT_256QAM	15.42
n41	30	10	500202	24@0	CP_QPSK	16.93
n41	30	10	500202	12@6	CP_QPSK	18.33
n41	30	10	500202	1@1	CP_QPSK	18.36
n41	30	10	500202	1@22	CP_QPSK	18.47
n41	30	10	518598	24@0	DFT_BPSK	19.36
n41	30	10	518598	12@6	DFT_BPSK	19.84
n41	30	10	518598	1@1	DFT_BPSK	19.84
n41	30	10	518598	1@22	DFT_BPSK	19.85
n41	30	10	518598	24@0	DFT_QPSK	18.91
n41	30	10	518598	12@6	DFT_QPSK	19.9
n41	30	10	518598	1@1	DFT_QPSK	19.84
n41	30	10	518598	1@22	DFT_QPSK	19.86
n41	30	10	518598	24@0	DFT_16QAM	17.95
n41	30	10	518598	12@6	DFT_16QAM	18.86
n41	30	10	518598	1@1	DFT_16QAM	18.73
n41	30	10	518598	1@22	DFT_16QAM	18.71
n41	30	10	518598	24@0	DFT_64QAM	17.42
n41	30	10	518598	12@6	DFT_64QAM	17.5
n41	30	10	518598	1@1	DFT_64QAM	17.39
n41	30	10	518598	1@22	DFT_64QAM	17.31
n41	30	10	518598	24@0	DFT_256QAM	15.47
n41	30	10	518598	12@6	DFT_256QAM	15.45
n41	30	10	518598	1@1	DFT_256QAM	15.4
n41	30	10	518598	1@22	DFT_256QAM	15.39



n41	30	10	518598	24@0	CP_QPSK	16.94
n41	30	10	518598	12@6	CP_QPSK	18.28
n41	30	10	518598	1@1	CP_QPSK	18.43
n41	30	10	518598	1@22	CP_QPSK	18.43
n41	30	10	537000	24@0	DFT_BPSK	19.61
n41	30	10	537000	12@6	DFT_BPSK	20.07
n41	30	10	537000	1@1	DFT_BPSK	19.97
n41	30	10	537000	1@22	DFT_BPSK	20.05
n41	30	10	537000	24@0	DFT_QPSK	19.05
n41	30	10	537000	12@6	DFT_QPSK	20.02
n41	30	10	537000	1@1	DFT_QPSK	19.97
n41	30	10	537000	1@22	DFT_QPSK	20.11
n41	30	10	537000	24@0	DFT_16QAM	18.1
n41	30	10	537000	12@6	DFT_16QAM	19.09
n41	30	10	537000	1@1	DFT_16QAM	18.83
n41	30	10	537000	1@22	DFT_16QAM	19.01
n41	30	10	537000	24@0	DFT_64QAM	17.67
n41	30	10	537000	12@6	DFT_64QAM	17.67
n41	30	10	537000	1@1	DFT_64QAM	17.46
n41	30	10	537000	1@22	DFT_64QAM	17.58
n41	30	10	537000	24@0	DFT_256QAM	15.72
n41	30	10	537000	12@6	DFT_256QAM	15.75
n41	30	10	537000	1@1	DFT_256QAM	15.5
n41	30	10	537000	1@22	DFT_256QAM	15.53
n41	30	10	537000	24@0	CP_QPSK	17.05
n41	30	10	537000	12@6	CP_QPSK	18.53
n41	30	10	537000	1@1	CP_QPSK	18.49
n41	30	10	537000	1@22	CP_QPSK	18.62
n41	30	15	500700	36@0	DFT_BPSK	19.4
n41	30	15	500700	18@9	DFT_BPSK	19.95
n41	30	15	500700	1@1	DFT_BPSK	19.78
n41	30	15	500700	1@36	DFT_BPSK	19.92
n41	30	15	500700	36@0	DFT_QPSK	18.94
n41	30	15	500700	18@9	DFT_QPSK	19.97
n41	30	15	500700	1@1	DFT_QPSK	19.78
n41	30	15	500700	1@36	DFT_QPSK	19.9
n41	30	15	500700	36@0	DFT_16QAM	18.05
n41	30	15	500700	18@9	DFT_16QAM	18.98
n41	30	15	500700	1@1	DFT_16QAM	18.65
n41	30	15	500700	1@36	DFT_16QAM	18.78
n41	30	15	500700	36@0	DFT_64QAM	17.5
n41	30	15	500700	18@9	DFT_64QAM	17.55
n41	30	15	500700	1@1	DFT_64QAM	17.34
n41	30	15	500700	1@36	DFT_64QAM	17.42
n41	30	15	500700	36@0	DFT_256QAM	15.43
n41	30	15	500700	18@9	DFT_256QAM	15.58
n41	30	15	500700	1@1	DFT_256QAM	15.38
n41	30	15	500700	1@36	DFT_256QAM	15.48



n41	30	15	500700	38@0	CP_QPSK	16.88
n41	30	15	500700	19@9	CP_QPSK	18.42
n41	30	15	500700	1@1	CP_QPSK	18.3
n41	30	15	500700	1@36	CP_QPSK	18.44
n41	30	15	518598	36@0	DFT_BPSK	19.37
n41	30	15	518598	18@9	DFT_BPSK	19.91
n41	30	15	518598	1@1	DFT_BPSK	19.78
n41	30	15	518598	1@36	DFT_BPSK	19.84
n41	30	15	518598	36@0	DFT_QPSK	18.9
n41	30	15	518598	18@9	DFT_QPSK	19.97
n41	30	15	518598	1@1	DFT_QPSK	19.8
n41	30	15	518598	1@36	DFT_QPSK	19.85
n41	30	15	518598	36@0	DFT_16QAM	17.94
n41	30	15	518598	18@9	DFT_16QAM	18.92
n41	30	15	518598	1@1	DFT_16QAM	18.65
n41	30	15	518598	1@36	DFT_16QAM	18.67
n41	30	15	518598	36@0	DFT_64QAM	17.45
n41	30	15	518598	18@9	DFT_64QAM	17.53
n41	30	15	518598	1@1	DFT_64QAM	17.34
n41	30	15	518598	1@36	DFT_64QAM	17.41
n41	30	15	518598	36@0	DFT_256QAM	15.37
n41	30	15	518598	18@9	DFT_256QAM	15.49
n41	30	15	518598	1@1	DFT_256QAM	15.37
n41	30	15	518598	1@36	DFT_256QAM	15.37
n41	30	15	518598	38@0	CP_QPSK	16.84
n41	30	15	518598	19@9	CP_QPSK	18.36
n41	30	15	518598	1@1	CP_QPSK	18.35
n41	30	15	518598	1@36	CP_QPSK	18.36
n41	30	15	536496	36@0	DFT_BPSK	19.54
n41	30	15	536496	18@9	DFT_BPSK	20.06
n41	30	15	536496	1@1	DFT_BPSK	19.87
n41	30	15	536496	1@36	DFT_BPSK	20.02
n41	30	15	536496	36@0	DFT_QPSK	19.03
n41	30	15	536496	18@9	DFT_QPSK	20.04
n41	30	15	536496	1@1	DFT_QPSK	19.89
n41	30	15	536496	1@36	DFT_QPSK	20.08
n41	30	15	536496	36@0	DFT_16QAM	18.07
n41	30	15	536496	18@9	DFT_16QAM	19.05
n41	30	15	536496	1@1	DFT_16QAM	18.7
n41	30	15	536496	1@36	DFT_16QAM	18.85
n41	30	15	536496	36@0	DFT_64QAM	17.61
n41	30	15	536496	18@9	DFT_64QAM	17.64
n41	30	15	536496	1@1	DFT_64QAM	17.44
n41	30	15	536496	1@36	DFT_64QAM	17.64
n41	30	15	536496	36@0	DFT_256QAM	15.48
n41	30	15	536496	18@9	DFT_256QAM	15.56
n41	30	15	536496	1@1	DFT_256QAM	15.4
n41	30	15	536496	1@36	DFT_256QAM	15.56



n41	30	15	536496	38@0	CP_QPSK	16.99
n41	30	15	536496	19@9	CP_QPSK	18.51
n41	30	15	536496	1@1	CP_QPSK	18.41
n41	30	15	536496	1@36	CP_QPSK	18.6
n41	30	20	501204	50@0	DFT_BPSK	19.4
n41	30	20	501204	25@12	DFT_BPSK	19.91
n41	30	20	501204	1@1	DFT_BPSK	19.8
n41	30	20	501204	1@49	DFT_BPSK	19.88
n41	30	20	501204	50@0	DFT_QPSK	18.9
n41	30	20	501204	25@12	DFT_QPSK	19.89
n41	30	20	501204	1@1	DFT_QPSK	19.8
n41	30	20	501204	1@49	DFT_QPSK	19.87
n41	30	20	501204	50@0	DFT_16QAM	17.92
n41	30	20	501204	25@12	DFT_16QAM	18.9
n41	30	20	501204	1@1	DFT_16QAM	18.64
n41	30	20	501204	1@49	DFT_16QAM	18.73
n41	30	20	501204	50@0	DFT_64QAM	17.42
n41	30	20	501204	25@12	DFT_64QAM	17.47
n41	30	20	501204	1@1	DFT_64QAM	17.35
n41	30	20	501204	1@49	DFT_64QAM	17.43
n41	30	20	501204	50@0	DFT_256QAM	15.47
n41	30	20	501204	25@12	DFT_256QAM	15.46
n41	30	20	501204	1@1	DFT_256QAM	15.4
n41	30	20	501204	1@49	DFT_256QAM	15.51
n41	30	20	501204	51@0	CP_QPSK	16.9
n41	30	20	501204	25@12	CP_QPSK	18.37
n41	30	20	501204	1@1	CP_QPSK	18.33
n41	30	20	501204	1@49	CP_QPSK	18.43
n41	30	20	518598	50@0	DFT_BPSK	19.41
n41	30	20	518598	25@12	DFT_BPSK	19.91
n41	30	20	518598	1@1	DFT_BPSK	19.79
n41	30	20	518598	1@49	DFT_BPSK	19.85
n41	30	20	518598	50@0	DFT_QPSK	18.9
n41	30	20	518598	25@12	DFT_QPSK	19.91
n41	30	20	518598	1@1	DFT_QPSK	19.79
n41	30	20	518598	1@49	DFT_QPSK	19.88
n41	30	20	518598	50@0	DFT_16QAM	17.88
n41	30	20	518598	25@12	DFT_16QAM	18.93
n41	30	20	518598	1@1	DFT_16QAM	18.66
n41	30	20	518598	1@49	DFT_16QAM	18.72
n41	30	20	518598	50@0	DFT_64QAM	17.41
n41	30	20	518598	25@12	DFT_64QAM	17.44
n41	30	20	518598	1@1	DFT_64QAM	17.33
n41	30	20	518598	1@49	DFT_64QAM	17.42
n41	30	20	518598	50@0	DFT_256QAM	15.39
n41	30	20	518598	25@12	DFT_256QAM	15.52
n41	30	20	518598	1@1	DFT_256QAM	15.33
n41	30	20	518598	1@49	DFT_256QAM	15.39



n41	30	20	518598	51@0	CP_QPSK	16.93
n41	30	20	518598	25@12	CP_QPSK	18.41
n41	30	20	518598	1@1	CP_QPSK	18.35
n41	30	20	518598	1@49	CP_QPSK	18.4
n41	30	20	535998	50@0	DFT_BPSK	19.53
n41	30	20	535998	25@12	DFT_BPSK	19.99
n41	30	20	535998	1@1	DFT_BPSK	19.92
n41	30	20	535998	1@49	DFT_BPSK	20.05
n41	30	20	535998	50@0	DFT_QPSK	19.04
n41	30	20	535998	25@12	DFT_QPSK	20.08
n41	30	20	535998	1@1	DFT_QPSK	19.93
n41	30	20	535998	1@49	DFT_QPSK	20.07
n41	30	20	535998	50@0	DFT_16QAM	18.01
n41	30	20	535998	25@12	DFT_16QAM	19.02
n41	30	20	535998	1@1	DFT_16QAM	18.77
n41	30	20	535998	1@49	DFT_16QAM	18.97
n41	30	20	535998	50@0	DFT_64QAM	17.54
n41	30	20	535998	25@12	DFT_64QAM	17.61
n41	30	20	535998	1@1	DFT_64QAM	17.46
n41	30	20	535998	1@49	DFT_64QAM	17.66
n41	30	20	535998	50@0	DFT_256QAM	15.52
n41	30	20	535998	25@12	DFT_256QAM	15.56
n41	30	20	535998	1@1	DFT_256QAM	15.41
n41	30	20	535998	1@49	DFT_256QAM	15.65
n41	30	20	535998	51@0	CP_QPSK	17
n41	30	20	535998	25@12	CP_QPSK	18.53
n41	30	20	535998	1@1	CP_QPSK	18.43
n41	30	20	535998	1@49	CP_QPSK	18.61
n41	30	30	502200	75@0	DFT_BPSK	19.44
n41	30	30	502200	36@18	DFT_BPSK	19.99
n41	30	30	502200	1@1	DFT_BPSK	19.83
n41	30	30	502200	1@76	DFT_BPSK	19.88
n41	30	30	502200	75@0	DFT_QPSK	18.95
n41	30	30	502200	36@18	DFT_QPSK	19.96
n41	30	30	502200	1@1	DFT_QPSK	19.84
n41	30	30	502200	1@76	DFT_QPSK	19.91
n41	30	30	502200	75@0	DFT_16QAM	17.98
n41	30	30	502200	36@18	DFT_16QAM	19
n41	30	30	502200	1@1	DFT_16QAM	18.73
n41	30	30	502200	1@76	DFT_16QAM	18.79
n41	30	30	502200	75@0	DFT_64QAM	17.54
n41	30	30	502200	36@18	DFT_64QAM	17.5
n41	30	30	502200	1@1	DFT_64QAM	17.36
n41	30	30	502200	1@76	DFT_64QAM	17.45
n41	30	30	502200	75@0	DFT_256QAM	15.47
n41	30	30	502200	36@18	DFT_256QAM	15.52
n41	30	30	502200	1@1	DFT_256QAM	15.43
n41	30	30	502200	1@76	DFT_256QAM	15.47



n41	30	30	502200	78@0	CP_QPSK	16.98
n41	30	30	502200	39@19	CP_QPSK	18.5
n41	30	30	502200	1@1	CP_QPSK	18.34
n41	30	30	502200	1@76	CP_QPSK	18.43
n41	30	30	518598	75@0	DFT_BPSK	19.41
n41	30	30	518598	36@18	DFT_BPSK	19.87
n41	30	30	518598	1@1	DFT_BPSK	19.75
n41	30	30	518598	1@76	DFT_BPSK	19.89
n41	30	30	518598	75@0	DFT_QPSK	18.9
n41	30	30	518598	36@18	DFT_QPSK	19.89
n41	30	30	518598	1@1	DFT_QPSK	19.79
n41	30	30	518598	1@76	DFT_QPSK	19.92
n41	30	30	518598	75@0	DFT_16QAM	17.92
n41	30	30	518598	36@18	DFT_16QAM	18.96
n41	30	30	518598	1@1	DFT_16QAM	18.63
n41	30	30	518598	1@76	DFT_16QAM	18.78
n41	30	30	518598	75@0	DFT_64QAM	17.47
n41	30	30	518598	36@18	DFT_64QAM	17.41
n41	30	30	518598	1@1	DFT_64QAM	17.35
n41	30	30	518598	1@76	DFT_64QAM	17.53
n41	30	30	518598	75@0	DFT_256QAM	15.41
n41	30	30	518598	36@18	DFT_256QAM	15.38
n41	30	30	518598	1@1	DFT_256QAM	15.29
n41	30	30	518598	1@76	DFT_256QAM	15.41
n41	30	30	518598	78@0	CP_QPSK	16.85
n41	30	30	518598	39@19	CP_QPSK	18.37
n41	30	30	518598	1@1	CP_QPSK	18.28
n41	30	30	518598	1@76	CP_QPSK	18.39
n41	30	30	534996	75@0	DFT_BPSK	19.53
n41	30	30	534996	36@18	DFT_BPSK	20.03
n41	30	30	534996	1@1	DFT_BPSK	20
n41	30	30	534996	1@76	DFT_BPSK	20.14
n41	30	30	534996	75@0	DFT_QPSK	19.06
n41	30	30	534996	36@18	DFT_QPSK	20.03
n41	30	30	534996	1@1	DFT_QPSK	20.01
n41	30	30	534996	1@76	DFT_QPSK	20.14
n41	30	30	534996	75@0	DFT_16QAM	18.03
n41	30	30	534996	36@18	DFT_16QAM	19.09
n41	30	30	534996	1@1	DFT_16QAM	18.84
n41	30	30	534996	1@76	DFT_16QAM	19
n41	30	30	534996	75@0	DFT_64QAM	17.63
n41	30	30	534996	36@18	DFT_64QAM	17.6
n41	30	30	534996	1@1	DFT_64QAM	17.65
n41	30	30	534996	1@76	DFT_64QAM	17.77
n41	30	30	534996	75@0	DFT_256QAM	15.63
n41	30	30	534996	36@18	DFT_256QAM	15.57
n41	30	30	534996	1@1	DFT_256QAM	15.56
n41	30	30	534996	1@76	DFT_256QAM	15.7



n41	30	30	534996	78@0	CP_QPSK	17.12
n41	30	30	534996	39@19	CP_QPSK	18.55
n41	30	30	534996	1@1	CP_QPSK	18.52
n41	30	30	534996	1@76	CP_QPSK	18.69
n41	30	40	503202	100@0	DFT_BPSK	19.4
n41	30	40	503202	50@25	DFT_BPSK	19.93
n41	30	40	503202	1@1	DFT_BPSK	19.82
n41	30	40	503202	1@104	DFT_BPSK	19.88
n41	30	40	503202	100@0	DFT_QPSK	18.93
n41	30	40	503202	50@25	DFT_QPSK	19.93
n41	30	40	503202	1@1	DFT_QPSK	19.78
n41	30	40	503202	1@104	DFT_QPSK	19.86
n41	30	40	503202	100@0	DFT_16QAM	17.97
n41	30	40	503202	50@25	DFT_16QAM	18.94
n41	30	40	503202	1@1	DFT_16QAM	18.7
n41	30	40	503202	1@104	DFT_16QAM	18.72
n41	30	40	503202	100@0	DFT_64QAM	17.48
n41	30	40	503202	50@25	DFT_64QAM	17.48
n41	30	40	503202	1@1	DFT_64QAM	17.32
n41	30	40	503202	1@104	DFT_64QAM	17.42
n41	30	40	503202	100@0	DFT_256QAM	15.46
n41	30	40	503202	50@25	DFT_256QAM	15.47
n41	30	40	503202	1@1	DFT_256QAM	15.38
n41	30	40	503202	1@104	DFT_256QAM	15.48
n41	30	40	503202	106@0	CP_QPSK	16.97
n41	30	40	503202	53@26	CP_QPSK	18.39
n41	30	40	503202	1@1	CP_QPSK	18.35
n41	30	40	503202	1@104	CP_QPSK	18.44
n41	30	40	518598	100@0	DFT_BPSK	19.41
n41	30	40	518598	50@25	DFT_BPSK	19.89
n41	30	40	518598	1@1	DFT_BPSK	19.71
n41	30	40	518598	1@104	DFT_BPSK	19.9
n41	30	40	518598	100@0	DFT_QPSK	18.92
n41	30	40	518598	50@25	DFT_QPSK	19.88
n41	30	40	518598	1@1	DFT_QPSK	19.76
n41	30	40	518598	1@104	DFT_QPSK	19.91
n41	30	40	518598	100@0	DFT_16QAM	17.89
n41	30	40	518598	50@25	DFT_16QAM	18.88
n41	30	40	518598	1@1	DFT_16QAM	18.59
n41	30	40	518598	1@104	DFT_16QAM	18.76
n41	30	40	518598	100@0	DFT_64QAM	17.44
n41	30	40	518598	50@25	DFT_64QAM	17.44
n41	30	40	518598	1@1	DFT_64QAM	17.3
n41	30	40	518598	1@104	DFT_64QAM	17.44
n41	30	40	518598	100@0	DFT_256QAM	15.46
n41	30	40	518598	50@25	DFT_256QAM	15.45
n41	30	40	518598	1@1	DFT_256QAM	15.29
n41	30	40	518598	1@104	DFT_256QAM	15.47



n41	30	40	518598	106@0	CP_QPSK	16.9
n41	30	40	518598	53@26	CP_QPSK	18.42
n41	30	40	518598	1@1	CP_QPSK	18.31
n41	30	40	518598	1@104	CP_QPSK	18.47
n41	30	40	534000	100@0	DFT_BPSK	19.61
n41	30	40	534000	50@25	DFT_BPSK	20.12
n41	30	40	534000	1@1	DFT_BPSK	19.94
n41	30	40	534000	1@104	DFT_BPSK	20.15
n41	30	40	534000	100@0	DFT_QPSK	19.13
n41	30	40	534000	50@25	DFT_QPSK	20.08
n41	30	40	534000	1@1	DFT_QPSK	19.96
n41	30	40	534000	1@104	DFT_QPSK	20.17
n41	30	40	534000	100@0	DFT_16QAM	18.14
n41	30	40	534000	50@25	DFT_16QAM	19.1
n41	30	40	534000	1@1	DFT_16QAM	18.8
n41	30	40	534000	1@104	DFT_16QAM	19.03
n41	30	40	534000	100@0	DFT_64QAM	17.66
n41	30	40	534000	50@25	DFT_64QAM	17.64
n41	30	40	534000	1@1	DFT_64QAM	17.47
n41	30	40	534000	1@104	DFT_64QAM	17.73
n41	30	40	534000	100@0	DFT_256QAM	15.62
n41	30	40	534000	50@25	DFT_256QAM	15.65
n41	30	40	534000	1@1	DFT_256QAM	15.46
n41	30	40	534000	1@104	DFT_256QAM	15.7
n41	30	40	534000	106@0	CP_QPSK	17.13
n41	30	40	534000	53@26	CP_QPSK	18.61
n41	30	40	534000	1@1	CP_QPSK	18.46
n41	30	40	534000	1@104	CP_QPSK	18.68
n41	30	50	504204	128@0	DFT_BPSK	19.47
n41	30	50	504204	64@32	DFT_BPSK	20.02
n41	30	50	504204	1@1	DFT_BPSK	19.77
n41	30	50	504204	1@131	DFT_BPSK	19.81
n41	30	50	504204	128@0	DFT_QPSK	19
n41	30	50	504204	64@32	DFT_QPSK	19.99
n41	30	50	504204	1@1	DFT_QPSK	19.75
n41	30	50	504204	1@131	DFT_QPSK	19.84
n41	30	50	504204	128@0	DFT_16QAM	18.01
n41	30	50	504204	64@32	DFT_16QAM	18.97
n41	30	50	504204	1@1	DFT_16QAM	18.65
n41	30	50	504204	1@131	DFT_16QAM	18.66
n41	30	50	504204	128@0	DFT_64QAM	17.51
n41	30	50	504204	64@32	DFT_64QAM	17.54
n41	30	50	504204	1@1	DFT_64QAM	17.33
n41	30	50	504204	1@131	DFT_64QAM	17.41
n41	30	50	504204	128@0	DFT_256QAM	15.64
n41	30	50	504204	64@32	DFT_256QAM	15.56
n41	30	50	504204	1@1	DFT_256QAM	15.39
n41	30	50	504204	1@131	DFT_256QAM	15.42



n41	30	50	504204	133@0	CP_QPSK	17.04
n41	30	50	504204	67@33	CP_QPSK	18.49
n41	30	50	504204	1@1	CP_QPSK	18.33
n41	30	50	504204	1@131	CP_QPSK	18.37
n41	30	50	518598	128@0	DFT_BPSK	19.36
n41	30	50	518598	64@32	DFT_BPSK	19.93
n41	30	50	518598	1@1	DFT_BPSK	19.65
n41	30	50	518598	1@131	DFT_BPSK	19.86
n41	30	50	518598	128@0	DFT_QPSK	18.94
n41	30	50	518598	64@32	DFT_QPSK	19.93
n41	30	50	518598	1@1	DFT_QPSK	19.65
n41	30	50	518598	1@131	DFT_QPSK	19.89
n41	30	50	518598	128@0	DFT_16QAM	17.96
n41	30	50	518598	64@32	DFT_16QAM	18.91
n41	30	50	518598	1@1	DFT_16QAM	18.53
n41	30	50	518598	1@131	DFT_16QAM	18.75
n41	30	50	518598	128@0	DFT_64QAM	17.46
n41	30	50	518598	64@32	DFT_64QAM	17.5
n41	30	50	518598	1@1	DFT_64QAM	17.19
n41	30	50	518598	1@131	DFT_64QAM	17.45
n41	30	50	518598	128@0	DFT_256QAM	15.56
n41	30	50	518598	64@32	DFT_256QAM	15.48
n41	30	50	518598	1@1	DFT_256QAM	15.23
n41	30	50	518598	1@131	DFT_256QAM	15.48
n41	30	50	518598	133@0	CP_QPSK	16.88
n41	30	50	518598	67@33	CP_QPSK	18.41
n41	30	50	518598	1@1	CP_QPSK	18.27
n41	30	50	518598	1@131	CP_QPSK	18.44
n41	30	50	532998	128@0	DFT_BPSK	19.6
n41	30	50	532998	64@32	DFT_BPSK	20.13
n41	30	50	532998	1@1	DFT_BPSK	19.86
n41	30	50	532998	1@131	DFT_BPSK	20.12
n41	30	50	532998	128@0	DFT_QPSK	19.1
n41	30	50	532998	64@32	DFT_QPSK	20.14
n41	30	50	532998	1@1	DFT_QPSK	19.84
n41	30	50	532998	1@131	DFT_QPSK	20.15
n41	30	50	532998	128@0	DFT_16QAM	18.15
n41	30	50	532998	64@32	DFT_16QAM	19.12
n41	30	50	532998	1@1	DFT_16QAM	18.71
n41	30	50	532998	1@131	DFT_16QAM	19.02
n41	30	50	532998	128@0	DFT_64QAM	17.63
n41	30	50	532998	64@32	DFT_64QAM	17.7
n41	30	50	532998	1@1	DFT_64QAM	17.39
n41	30	50	532998	1@131	DFT_64QAM	17.73
n41	30	50	532998	128@0	DFT_256QAM	15.72
n41	30	50	532998	64@32	DFT_256QAM	15.71
n41	30	50	532998	1@1	DFT_256QAM	15.42
n41	30	50	532998	1@131	DFT_256QAM	15.77



n41	30	50	532998	133@0	CP_QPSK	17.12
n41	30	50	532998	67@33	CP_QPSK	18.63
n41	30	50	532998	1@1	CP_QPSK	18.39
n41	30	50	532998	1@131	CP_QPSK	18.71
n41	30	60	505200	162@0	DFT_BPSK	19.36
n41	30	60	505200	81@40	DFT_BPSK	19.94
n41	30	60	505200	1@1	DFT_BPSK	19.73
n41	30	60	505200	1@160	DFT_BPSK	19.74
n41	30	60	505200	162@0	DFT_QPSK	18.9
n41	30	60	505200	81@40	DFT_QPSK	19.89
n41	30	60	505200	1@1	DFT_QPSK	19.72
n41	30	60	505200	1@160	DFT_QPSK	19.75
n41	30	60	505200	162@0	DFT_16QAM	17.89
n41	30	60	505200	81@40	DFT_16QAM	18.93
n41	30	60	505200	1@1	DFT_16QAM	18.59
n41	30	60	505200	1@160	DFT_16QAM	18.59
n41	30	60	505200	162@0	DFT_64QAM	17.44
n41	30	60	505200	81@40	DFT_64QAM	17.5
n41	30	60	505200	1@1	DFT_64QAM	17.28
n41	30	60	505200	1@160	DFT_64QAM	17.38
n41	30	60	505200	162@0	DFT_256QAM	15.45
n41	30	60	505200	81@40	DFT_256QAM	15.47
n41	30	60	505200	1@1	DFT_256QAM	15.28
n41	30	60	505200	1@160	DFT_256QAM	15.31
n41	30	60	505200	162@0	CP_QPSK	16.91
n41	30	60	505200	81@40	CP_QPSK	18.41
n41	30	60	505200	1@1	CP_QPSK	18.23
n41	30	60	505200	1@160	CP_QPSK	18.28
n41	30	60	518598	162@0	DFT_BPSK	19.34
n41	30	60	518598	81@40	DFT_BPSK	19.91
n41	30	60	518598	1@1	DFT_BPSK	19.64
n41	30	60	518598	1@160	DFT_BPSK	19.86
n41	30	60	518598	162@0	DFT_QPSK	18.87
n41	30	60	518598	81@40	DFT_QPSK	19.89
n41	30	60	518598	1@1	DFT_QPSK	19.67
n41	30	60	518598	1@160	DFT_QPSK	19.9
n41	30	60	518598	162@0	DFT_16QAM	17.89
n41	30	60	518598	81@40	DFT_16QAM	18.94
n41	30	60	518598	1@1	DFT_16QAM	18.53
n41	30	60	518598	1@160	DFT_16QAM	18.76
n41	30	60	518598	162@0	DFT_64QAM	17.37
n41	30	60	518598	81@40	DFT_64QAM	17.42
n41	30	60	518598	1@1	DFT_64QAM	17.23
n41	30	60	518598	1@160	DFT_64QAM	17.52
n41	30	60	518598	162@0	DFT_256QAM	15.46
n41	30	60	518598	81@40	DFT_256QAM	15.47
n41	30	60	518598	1@1	DFT_256QAM	15.21
n41	30	60	518598	1@160	DFT_256QAM	15.45



n41	30	60	518598	162@0	CP_QPSK	16.91
n41	30	60	518598	81@40	CP_QPSK	18.39
n41	30	60	518598	1@1	CP_QPSK	18.21
n41	30	60	518598	1@160	CP_QPSK	18.43
n41	30	60	531996	162@0	DFT_BPSK	19.53
n41	30	60	531996	81@40	DFT_BPSK	20.11
n41	30	60	531996	1@1	DFT_BPSK	19.83
n41	30	60	531996	1@160	DFT_BPSK	20.14
n41	30	60	531996	162@0	DFT_QPSK	19.04
n41	30	60	531996	81@40	DFT_QPSK	20.13
n41	30	60	531996	1@1	DFT_QPSK	19.82
n41	30	60	531996	1@160	DFT_QPSK	20.16
n41	30	60	531996	162@0	DFT_16QAM	18.08
n41	30	60	531996	81@40	DFT_16QAM	19.11
n41	30	60	531996	1@1	DFT_16QAM	18.67
n41	30	60	531996	1@160	DFT_16QAM	18.99
n41	30	60	531996	162@0	DFT_64QAM	17.62
n41	30	60	531996	81@40	DFT_64QAM	17.68
n41	30	60	531996	1@1	DFT_64QAM	17.37
n41	30	60	531996	1@160	DFT_64QAM	17.67
n41	30	60	531996	162@0	DFT_256QAM	15.62
n41	30	60	531996	81@40	DFT_256QAM	15.68
n41	30	60	531996	1@1	DFT_256QAM	15.4
n41	30	60	531996	1@160	DFT_256QAM	15.69
n41	30	60	531996	162@0	CP_QPSK	17.03
n41	30	60	531996	81@40	CP_QPSK	18.58
n41	30	60	531996	1@1	CP_QPSK	18.34
n41	30	60	531996	1@160	CP_QPSK	18.65
n41	30	80	507204	216@0	DFT_BPSK	19.48
n41	30	80	507204	108@54	DFT_BPSK	19.99
n41	30	80	507204	1@1	DFT_BPSK	19.91
n41	30	80	507204	1@215	DFT_BPSK	19.75
n41	30	80	507204	216@0	DFT_QPSK	18.99
n41	30	80	507204	108@54	DFT_QPSK	20.03
n41	30	80	507204	1@1	DFT_QPSK	19.9
n41	30	80	507204	1@215	DFT_QPSK	19.78
n41	30	80	507204	216@0	DFT_16QAM	17.97
n41	30	80	507204	108@54	DFT_16QAM	18.99
n41	30	80	507204	1@1	DFT_16QAM	18.75
n41	30	80	507204	1@215	DFT_16QAM	18.64
n41	30	80	507204	216@0	DFT_64QAM	17.51
n41	30	80	507204	108@54	DFT_64QAM	17.48
n41	30	80	507204	1@1	DFT_64QAM	17.45
n41	30	80	507204	1@215	DFT_64QAM	17.31
n41	30	80	507204	216@0	DFT_256QAM	15.56
n41	30	80	507204	108@54	DFT_256QAM	15.56
n41	30	80	507204	1@1	DFT_256QAM	15.5
n41	30	80	507204	1@215	DFT_256QAM	15.32



n41	30	80	507204	217@0	CP_QPSK	16.98
n41	30	80	507204	109@54	CP_QPSK	18.51
n41	30	80	507204	1@1	CP_QPSK	18.43
n41	30	80	507204	1@215	CP_QPSK	18.33
n41	30	80	518598	216@0	DFT_BPSK	19.44
n41	30	80	518598	108@54	DFT_BPSK	19.95
n41	30	80	518598	1@1	DFT_BPSK	19.77
n41	30	80	518598	1@215	DFT_BPSK	19.92
n41	30	80	518598	216@0	DFT_QPSK	18.94
n41	30	80	518598	108@54	DFT_QPSK	19.92
n41	30	80	518598	1@1	DFT_QPSK	19.76
n41	30	80	518598	1@215	DFT_QPSK	19.98
n41	30	80	518598	216@0	DFT_16QAM	17.96
n41	30	80	518598	108@54	DFT_16QAM	18.94
n41	30	80	518598	1@1	DFT_16QAM	18.61
n41	30	80	518598	1@215	DFT_16QAM	18.83
n41	30	80	518598	216@0	DFT_64QAM	17.42
n41	30	80	518598	108@54	DFT_64QAM	17.56
n41	30	80	518598	1@1	DFT_64QAM	17.37
n41	30	80	518598	1@215	DFT_64QAM	17.59
n41	30	80	518598	216@0	DFT_256QAM	15.54
n41	30	80	518598	108@54	DFT_256QAM	15.54
n41	30	80	518598	1@1	DFT_256QAM	15.31
n41	30	80	518598	1@215	DFT_256QAM	15.53
n41	30	80	518598	217@0	CP_QPSK	16.97
n41	30	80	518598	109@54	CP_QPSK	18.5
n41	30	80	518598	1@1	CP_QPSK	18.32
n41	30	80	518598	1@215	CP_QPSK	18.49
n41	30	80	529998	216@0	DFT_BPSK	19.59
n41	30	80	529998	108@54	DFT_BPSK	20.11
n41	30	80	529998	1@1	DFT_BPSK	19.85
n41	30	80	529998	1@215	DFT_BPSK	20.18
n41	30	80	529998	216@0	DFT_QPSK	19.11
n41	30	80	529998	108@54	DFT_QPSK	20.13
n41	30	80	529998	1@1	DFT_QPSK	19.86
n41	30	80	529998	1@215	DFT_QPSK	20.19
n41	30	80	529998	216@0	DFT_16QAM	18.17
n41	30	80	529998	108@54	DFT_16QAM	19.15
n41	30	80	529998	1@1	DFT_16QAM	18.69
n41	30	80	529998	1@215	DFT_16QAM	19.06
n41	30	80	529998	216@0	DFT_64QAM	17.68
n41	30	80	529998	108@54	DFT_64QAM	17.69
n41	30	80	529998	1@1	DFT_64QAM	17.42
n41	30	80	529998	1@215	DFT_64QAM	17.75
n41	30	80	529998	216@0	DFT_256QAM	15.65
n41	30	80	529998	108@54	DFT_256QAM	15.71
n41	30	80	529998	1@1	DFT_256QAM	15.42
n41	30	80	529998	1@215	DFT_256QAM	15.74



n41	30	80	529998	217@0	CP_QPSK	17.13
n41	30	80	529998	109@54	CP_QPSK	18.59
n41	30	80	529998	1@1	CP_QPSK	18.4
n41	30	80	529998	1@215	CP_QPSK	18.75
n41	30	90	508200	243@0	DFT_BPSK	19.5
n41	30	90	508200	120@60	DFT_BPSK	20.06
n41	30	90	508200	1@1	DFT_BPSK	19.91
n41	30	90	508200	1@243	DFT_BPSK	19.78
n41	30	90	508200	243@0	DFT_QPSK	18.97
n41	30	90	508200	120@60	DFT_QPSK	20.03
n41	30	90	508200	1@1	DFT_QPSK	19.93
n41	30	90	508200	1@243	DFT_QPSK	19.81
n41	30	90	508200	243@0	DFT_16QAM	18
n41	30	90	508200	120@60	DFT_16QAM	19.03
n41	30	90	508200	1@1	DFT_16QAM	18.79
n41	30	90	508200	1@243	DFT_16QAM	18.68
n41	30	90	508200	243@0	DFT_64QAM	17.53
n41	30	90	508200	120@60	DFT_64QAM	17.55
n41	30	90	508200	1@1	DFT_64QAM	17.45
n41	30	90	508200	1@243	DFT_64QAM	17.35
n41	30	90	508200	243@0	DFT_256QAM	15.57
n41	30	90	508200	120@60	DFT_256QAM	15.58
n41	30	90	508200	1@1	DFT_256QAM	15.48
n41	30	90	508200	1@243	DFT_256QAM	15.35
n41	30	90	508200	245@0	CP_QPSK	17
n41	30	90	508200	123@61	CP_QPSK	18.48
n41	30	90	508200	1@1	CP_QPSK	18.45
n41	30	90	508200	1@243	CP_QPSK	18.31
n41	30	90	518598	243@0	DFT_BPSK	19.4
n41	30	90	518598	120@60	DFT_BPSK	19.93
n41	30	90	518598	1@1	DFT_BPSK	19.75
n41	30	90	518598	1@243	DFT_BPSK	19.96
n41	30	90	518598	243@0	DFT_QPSK	18.95
n41	30	90	518598	120@60	DFT_QPSK	19.93
n41	30	90	518598	1@1	DFT_QPSK	19.74
n41	30	90	518598	1@243	DFT_QPSK	19.93
n41	30	90	518598	243@0	DFT_16QAM	17.97
n41	30	90	518598	120@60	DFT_16QAM	18.98
n41	30	90	518598	1@1	DFT_16QAM	18.6
n41	30	90	518598	1@243	DFT_16QAM	18.77
n41	30	90	518598	243@0	DFT_64QAM	17.47
n41	30	90	518598	120@60	DFT_64QAM	17.48
n41	30	90	518598	1@1	DFT_64QAM	17.26
n41	30	90	518598	1@243	DFT_64QAM	17.47
n41	30	90	518598	243@0	DFT_256QAM	15.46
n41	30	90	518598	120@60	DFT_256QAM	15.55
n41	30	90	518598	1@1	DFT_256QAM	15.33
n41	30	90	518598	1@243	DFT_256QAM	15.5



n41	30	90	518598	245@0	CP_QPSK	16.91
n41	30	90	518598	123@61	CP_QPSK	18.45
n41	30	90	518598	1@1	CP_QPSK	18.29
n41	30	90	518598	1@243	CP_QPSK	18.45
n41	30	90	528996	243@0	DFT_BPSK	19.5
n41	30	90	528996	120@60	DFT_BPSK	20.08
n41	30	90	528996	1@1	DFT_BPSK	19.77
n41	30	90	528996	1@243	DFT_BPSK	20.12
n41	30	90	528996	243@0	DFT_QPSK	19.12
n41	30	90	528996	120@60	DFT_QPSK	20.08
n41	30	90	528996	1@1	DFT_QPSK	19.8
n41	30	90	528996	1@243	DFT_QPSK	20.15
n41	30	90	528996	243@0	DFT_16QAM	18.1
n41	30	90	528996	120@60	DFT_16QAM	19.09
n41	30	90	528996	1@1	DFT_16QAM	18.69
n41	30	90	528996	1@243	DFT_16QAM	18.98
n41	30	90	528996	243@0	DFT_64QAM	17.6
n41	30	90	528996	120@60	DFT_64QAM	17.63
n41	30	90	528996	1@1	DFT_64QAM	17.37
n41	30	90	528996	1@243	DFT_64QAM	17.77
n41	30	90	528996	243@0	DFT_256QAM	15.65
n41	30	90	528996	120@60	DFT_256QAM	15.67
n41	30	90	528996	1@1	DFT_256QAM	15.33
n41	30	90	528996	1@243	DFT_256QAM	15.72
n41	30	90	528996	245@0	CP_QPSK	17.06
n41	30	90	528996	123@61	CP_QPSK	18.57
n41	30	90	528996	1@1	CP_QPSK	18.38
n41	30	90	528996	1@243	CP_QPSK	18.75
n41	30	100	509202	270@0	DFT_BPSK	19.44
n41	30	100	509202	135@67	DFT_BPSK	20.01
n41	30	100	509202	1@1	DFT_BPSK	19.87
n41	30	100	509202	1@271	DFT_BPSK	19.82
n41	30	100	509202	270@0	DFT_QPSK	18.97
n41	30	100	509202	135@67	DFT_QPSK	20.02
n41	30	100	509202	1@1	DFT_QPSK	19.88
n41	30	100	509202	1@271	DFT_QPSK	19.86
n41	30	100	509202	270@0	DFT_16QAM	17.95
n41	30	100	509202	135@67	DFT_16QAM	19.04
n41	30	100	509202	1@1	DFT_16QAM	18.77
n41	30	100	509202	1@271	DFT_16QAM	18.72
n41	30	100	509202	270@0	DFT_64QAM	17.52
n41	30	100	509202	135@67	DFT_64QAM	17.53
n41	30	100	509202	1@1	DFT_64QAM	17.42
n41	30	100	509202	1@271	DFT_64QAM	17.37
n41	30	100	509202	270@0	DFT_256QAM	15.5
n41	30	100	509202	135@67	DFT_256QAM	15.62
n41	30	100	509202	1@1	DFT_256QAM	15.48
n41	30	100	509202	1@271	DFT_256QAM	15.4



n41	30	100	509202	273@0	CP_QPSK	16.97
n41	30	100	509202	137@68	CP_QPSK	18.43
n41	30	100	509202	1@1	CP_QPSK	18.44
n41	30	100	509202	1@271	CP_QPSK	18.35
n41	30	100	518598	270@0	DFT_BPSK	19.37
n41	30	100	518598	135@67	DFT_BPSK	19.94
n41	30	100	518598	1@1	DFT_BPSK	19.8
n41	30	100	518598	1@271	DFT_BPSK	19.91
n41	30	100	518598	270@0	DFT_QPSK	18.94
n41	30	100	518598	135@67	DFT_QPSK	19.94
n41	30	100	518598	1@1	DFT_QPSK	19.76
n41	30	100	518598	1@271	DFT_QPSK	19.94
n41	30	100	518598	270@0	DFT_16QAM	17.93
n41	30	100	518598	135@67	DFT_16QAM	18.97
n41	30	100	518598	1@1	DFT_16QAM	18.61
n41	30	100	518598	1@271	DFT_16QAM	18.75
n41	30	100	518598	270@0	DFT_64QAM	17.46
n41	30	100	518598	135@67	DFT_64QAM	17.5
n41	30	100	518598	1@1	DFT_64QAM	17.31
n41	30	100	518598	1@271	DFT_64QAM	17.46
n41	30	100	518598	270@0	DFT_256QAM	15.39
n41	30	100	518598	135@67	DFT_256QAM	15.5
n41	30	100	518598	1@1	DFT_256QAM	15.34
n41	30	100	518598	1@271	DFT_256QAM	15.47
n41	30	100	518598	273@0	CP_QPSK	16.89
n41	30	100	518598	137@68	CP_QPSK	18.44
n41	30	100	518598	1@1	CP_QPSK	18.34
n41	30	100	518598	1@271	CP_QPSK	18.46
n41	30	100	528000	270@0	DFT_BPSK	19.52
n41	30	100	528000	135@67	DFT_BPSK	20.06
n41	30	100	528000	1@1	DFT_BPSK	19.76
n41	30	100	528000	1@271	DFT_BPSK	20.1
n41	30	100	528000	270@0	DFT_QPSK	19.04
n41	30	100	528000	135@67	DFT_QPSK	20.05
n41	30	100	528000	1@1	DFT_QPSK	19.78
n41	30	100	528000	1@271	DFT_QPSK	20.13
n41	30	100	528000	270@0	DFT_16QAM	18.11
n41	30	100	528000	135@67	DFT_16QAM	19.11
n41	30	100	528000	1@1	DFT_16QAM	18.66
n41	30	100	528000	1@271	DFT_16QAM	18.99
n41	30	100	528000	270@0	DFT_64QAM	17.56
n41	30	100	528000	135@67	DFT_64QAM	17.63
n41	30	100	528000	1@1	DFT_64QAM	17.34
n41	30	100	528000	1@271	DFT_64QAM	17.66
n41	30	100	528000	270@0	DFT_256QAM	15.62
n41	30	100	528000	135@67	DFT_256QAM	15.65
n41	30	100	528000	1@1	DFT_256QAM	15.35
n41	30	100	528000	1@271	DFT_256QAM	15.7



n41	30	100	528000	273@0	CP_QPSK	17.06
n41	30	100	528000	137@68	CP_QPSK	18.55
n41	30	100	528000	1@1	CP_QPSK	18.37
n41	30	100	528000	1@271	CP_QPSK	18.7



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n66	15	5	342500	25@0	DFT_BPSK	16.23
n66	15	5	342500	12@6	DFT_BPSK	16.71
n66	15	5	342500	1@1	DFT_BPSK	16.73
n66	15	5	342500	1@23	DFT_BPSK	16.61
n66	15	5	342500	25@0	DFT_QPSK	15.77
n66	15	5	342500	12@6	DFT_QPSK	16.76
n66	15	5	342500	1@1	DFT_QPSK	16.74
n66	15	5	342500	1@23	DFT_QPSK	16.57
n66	15	5	342500	25@0	DFT_16QAM	14.74
n66	15	5	342500	12@6	DFT_16QAM	15.75
n66	15	5	342500	1@1	DFT_16QAM	15.81
n66	15	5	342500	1@23	DFT_16QAM	15.75
n66	15	5	342500	25@0	DFT_64QAM	14.28
n66	15	5	342500	12@6	DFT_64QAM	14.33
n66	15	5	342500	1@1	DFT_64QAM	14.43
n66	15	5	342500	1@23	DFT_64QAM	14.34
n66	15	5	342500	25@0	DFT_256QAM	12.12
n66	15	5	342500	12@6	DFT_256QAM	12.25
n66	15	5	342500	1@1	DFT_256QAM	12.07
n66	15	5	342500	1@23	DFT_256QAM	12.01
n66	15	5	342500	25@0	CP_QPSK	13.76
n66	15	5	342500	13@6	CP_QPSK	15.17
n66	15	5	342500	1@1	CP_QPSK	15.13
n66	15	5	342500	1@23	CP_QPSK	15.09
n66	15	5	349000	25@0	DFT_BPSK	16.23
n66	15	5	349000	12@6	DFT_BPSK	16.69
n66	15	5	349000	1@1	DFT_BPSK	16.52
n66	15	5	349000	1@23	DFT_BPSK	16.62
n66	15	5	349000	25@0	DFT_QPSK	15.73
n66	15	5	349000	12@6	DFT_QPSK	16.66
n66	15	5	349000	1@1	DFT_QPSK	16.51
n66	15	5	349000	1@23	DFT_QPSK	16.57
n66	15	5	349000	25@0	DFT_16QAM	14.69
n66	15	5	349000	12@6	DFT_16QAM	15.7
n66	15	5	349000	1@1	DFT_16QAM	15.78
n66	15	5	349000	1@23	DFT_16QAM	15.75
n66	15	5	349000	25@0	DFT_64QAM	14.24
n66	15	5	349000	12@6	DFT_64QAM	14.26
n66	15	5	349000	1@1	DFT_64QAM	14.36
n66	15	5	349000	1@23	DFT_64QAM	14.37
n66	15	5	349000	25@0	DFT_256QAM	12.14
n66	15	5	349000	12@6	DFT_256QAM	12.22
n66	15	5	349000	1@1	DFT_256QAM	12.04
n66	15	5	349000	1@23	DFT_256QAM	12



n66	15	5	349000	25@0	CP_QPSK	13.7
n66	15	5	349000	13@6	CP_QPSK	15.13
n66	15	5	349000	1@1	CP_QPSK	15.07
n66	15	5	349000	1@23	CP_QPSK	15.06
n66	15	5	355500	25@0	DFT_BPSK	16.28
n66	15	5	355500	12@6	DFT_BPSK	16.66
n66	15	5	355500	1@1	DFT_BPSK	16.56
n66	15	5	355500	1@23	DFT_BPSK	16.58
n66	15	5	355500	25@0	DFT_QPSK	15.82
n66	15	5	355500	12@6	DFT_QPSK	16.7
n66	15	5	355500	1@1	DFT_QPSK	16.51
n66	15	5	355500	1@23	DFT_QPSK	16.49
n66	15	5	355500	25@0	DFT_16QAM	14.78
n66	15	5	355500	12@6	DFT_16QAM	15.75
n66	15	5	355500	1@1	DFT_16QAM	15.77
n66	15	5	355500	1@23	DFT_16QAM	15.88
n66	15	5	355500	25@0	DFT_64QAM	14.34
n66	15	5	355500	12@6	DFT_64QAM	14.34
n66	15	5	355500	1@1	DFT_64QAM	14.37
n66	15	5	355500	1@23	DFT_64QAM	14.41
n66	15	5	355500	25@0	DFT_256QAM	12.2
n66	15	5	355500	12@6	DFT_256QAM	12.28
n66	15	5	355500	1@1	DFT_256QAM	12.03
n66	15	5	355500	1@23	DFT_256QAM	12.11
n66	15	5	355500	25@0	CP_QPSK	13.76
n66	15	5	355500	13@6	CP_QPSK	15.23
n66	15	5	355500	1@1	CP_QPSK	15.07
n66	15	5	355500	1@23	CP_QPSK	15.08
n66	15	10	343000	50@0	DFT_BPSK	16.15
n66	15	10	343000	25@12	DFT_BPSK	16.58
n66	15	10	343000	1@1	DFT_BPSK	16.7
n66	15	10	343000	1@50	DFT_BPSK	16.61
n66	15	10	343000	50@0	DFT_QPSK	15.69
n66	15	10	343000	25@12	DFT_QPSK	16.6
n66	15	10	343000	1@1	DFT_QPSK	16.72
n66	15	10	343000	1@50	DFT_QPSK	16.62
n66	15	10	343000	50@0	DFT_16QAM	14.66
n66	15	10	343000	25@12	DFT_16QAM	15.66
n66	15	10	343000	1@1	DFT_16QAM	15.78
n66	15	10	343000	1@50	DFT_16QAM	15.84
n66	15	10	343000	50@0	DFT_64QAM	14.13
n66	15	10	343000	25@12	DFT_64QAM	14.18
n66	15	10	343000	1@1	DFT_64QAM	14.36
n66	15	10	343000	1@50	DFT_64QAM	14.39
n66	15	10	343000	50@0	DFT_256QAM	12.07
n66	15	10	343000	25@12	DFT_256QAM	12.03
n66	15	10	343000	1@1	DFT_256QAM	12.08
n66	15	10	343000	1@50	DFT_256QAM	12.06



n66	15	10	343000	52@0	CP_QPSK	13.65
n66	15	10	343000	26@13	CP_QPSK	15.14
n66	15	10	343000	1@1	CP_QPSK	15.13
n66	15	10	343000	1@50	CP_QPSK	15.12
n66	15	10	349000	50@0	DFT_BPSK	16.16
n66	15	10	349000	25@12	DFT_BPSK	16.55
n66	15	10	349000	1@1	DFT_BPSK	16.55
n66	15	10	349000	1@50	DFT_BPSK	16.61
n66	15	10	349000	50@0	DFT_QPSK	15.68
n66	15	10	349000	25@12	DFT_QPSK	16.57
n66	15	10	349000	1@1	DFT_QPSK	16.53
n66	15	10	349000	1@50	DFT_QPSK	16.62
n66	15	10	349000	50@0	DFT_16QAM	14.67
n66	15	10	349000	25@12	DFT_16QAM	15.68
n66	15	10	349000	1@1	DFT_16QAM	15.82
n66	15	10	349000	1@50	DFT_16QAM	15.81
n66	15	10	349000	50@0	DFT_64QAM	14.15
n66	15	10	349000	25@12	DFT_64QAM	14.22
n66	15	10	349000	1@1	DFT_64QAM	14.34
n66	15	10	349000	1@50	DFT_64QAM	14.37
n66	15	10	349000	50@0	DFT_256QAM	12.05
n66	15	10	349000	25@12	DFT_256QAM	12.11
n66	15	10	349000	1@1	DFT_256QAM	12.07
n66	15	10	349000	1@50	DFT_256QAM	12.03
n66	15	10	349000	52@0	CP_QPSK	13.64
n66	15	10	349000	26@13	CP_QPSK	15.08
n66	15	10	349000	1@1	CP_QPSK	15.12
n66	15	10	349000	1@50	CP_QPSK	15.09
n66	15	10	355000	50@0	DFT_BPSK	16.22
n66	15	10	355000	25@12	DFT_BPSK	16.63
n66	15	10	355000	1@1	DFT_BPSK	16.58
n66	15	10	355000	1@50	DFT_BPSK	16.65
n66	15	10	355000	50@0	DFT_QPSK	15.73
n66	15	10	355000	25@12	DFT_QPSK	16.64
n66	15	10	355000	1@1	DFT_QPSK	16.52
n66	15	10	355000	1@50	DFT_QPSK	16.55
n66	15	10	355000	50@0	DFT_16QAM	14.7
n66	15	10	355000	25@12	DFT_16QAM	15.71
n66	15	10	355000	1@1	DFT_16QAM	15.82
n66	15	10	355000	1@50	DFT_16QAM	15.96
n66	15	10	355000	50@0	DFT_64QAM	14.22
n66	15	10	355000	25@12	DFT_64QAM	14.28
n66	15	10	355000	1@1	DFT_64QAM	14.39
n66	15	10	355000	1@50	DFT_64QAM	14.5
n66	15	10	355000	50@0	DFT_256QAM	12.14
n66	15	10	355000	25@12	DFT_256QAM	12.13
n66	15	10	355000	1@1	DFT_256QAM	12.07
n66	15	10	355000	1@50	DFT_256QAM	12.13



n66	15	10	355000	52@0	CP_QPSK	13.71
n66	15	10	355000	26@13	CP_QPSK	15.15
n66	15	10	355000	1@1	CP_QPSK	15.14
n66	15	10	355000	1@50	CP_QPSK	15.16
n66	15	15	343500	75@0	DFT_BPSK	16.22
n66	15	15	343500	36@18	DFT_BPSK	16.61
n66	15	15	343500	1@1	DFT_BPSK	16.69
n66	15	15	343500	1@77	DFT_BPSK	16.72
n66	15	15	343500	75@0	DFT_QPSK	15.75
n66	15	15	343500	36@18	DFT_QPSK	16.65
n66	15	15	343500	1@1	DFT_QPSK	16.66
n66	15	15	343500	1@77	DFT_QPSK	16.7
n66	15	15	343500	75@0	DFT_16QAM	14.7
n66	15	15	343500	36@18	DFT_16QAM	15.73
n66	15	15	343500	1@1	DFT_16QAM	15.76
n66	15	15	343500	1@77	DFT_16QAM	15.86
n66	15	15	343500	75@0	DFT_64QAM	14.23
n66	15	15	343500	36@18	DFT_64QAM	14.22
n66	15	15	343500	1@1	DFT_64QAM	14.34
n66	15	15	343500	1@77	DFT_64QAM	14.44
n66	15	15	343500	75@0	DFT_256QAM	12.12
n66	15	15	343500	36@18	DFT_256QAM	12.16
n66	15	15	343500	1@1	DFT_256QAM	12.08
n66	15	15	343500	1@77	DFT_256QAM	12.09
n66	15	15	343500	79@0	CP_QPSK	13.71
n66	15	15	343500	39@19	CP_QPSK	15.23
n66	15	15	343500	1@1	CP_QPSK	15.11
n66	15	15	343500	1@77	CP_QPSK	15.17
n66	15	15	349000	75@0	DFT_BPSK	16.19
n66	15	15	349000	36@18	DFT_BPSK	16.58
n66	15	15	349000	1@1	DFT_BPSK	16.58
n66	15	15	349000	1@77	DFT_BPSK	16.64
n66	15	15	349000	75@0	DFT_QPSK	15.7
n66	15	15	349000	36@18	DFT_QPSK	16.62
n66	15	15	349000	1@1	DFT_QPSK	16.53
n66	15	15	349000	1@77	DFT_QPSK	16.64
n66	15	15	349000	75@0	DFT_16QAM	14.69
n66	15	15	349000	36@18	DFT_16QAM	15.73
n66	15	15	349000	1@1	DFT_16QAM	15.72
n66	15	15	349000	1@77	DFT_16QAM	15.79
n66	15	15	349000	75@0	DFT_64QAM	14.19
n66	15	15	349000	36@18	DFT_64QAM	14.26
n66	15	15	349000	1@1	DFT_64QAM	14.34
n66	15	15	349000	1@77	DFT_64QAM	14.32
n66	15	15	349000	75@0	DFT_256QAM	12.13
n66	15	15	349000	36@18	DFT_256QAM	12.16
n66	15	15	349000	1@1	DFT_256QAM	11.97
n66	15	15	349000	1@77	DFT_256QAM	12.05



n66	15	15	349000	79@0	CP_QPSK	13.7
n66	15	15	349000	39@19	CP_QPSK	15.23
n66	15	15	349000	1@1	CP_QPSK	15.05
n66	15	15	349000	1@77	CP_QPSK	15.1
n66	15	15	354500	75@0	DFT_BPSK	16.24
n66	15	15	354500	36@18	DFT_BPSK	16.67
n66	15	15	354500	1@1	DFT_BPSK	16.61
n66	15	15	354500	1@77	DFT_BPSK	16.69
n66	15	15	354500	75@0	DFT_QPSK	15.77
n66	15	15	354500	36@18	DFT_QPSK	16.74
n66	15	15	354500	1@1	DFT_QPSK	16.6
n66	15	15	354500	1@77	DFT_QPSK	16.61
n66	15	15	354500	75@0	DFT_16QAM	14.78
n66	15	15	354500	36@18	DFT_16QAM	15.8
n66	15	15	354500	1@1	DFT_16QAM	15.71
n66	15	15	354500	1@77	DFT_16QAM	15.97
n66	15	15	354500	75@0	DFT_64QAM	14.31
n66	15	15	354500	36@18	DFT_64QAM	14.31
n66	15	15	354500	1@1	DFT_64QAM	14.35
n66	15	15	354500	1@77	DFT_64QAM	14.57
n66	15	15	354500	75@0	DFT_256QAM	12.21
n66	15	15	354500	36@18	DFT_256QAM	12.21
n66	15	15	354500	1@1	DFT_256QAM	11.99
n66	15	15	354500	1@77	DFT_256QAM	12.17
n66	15	15	354500	79@0	CP_QPSK	13.77
n66	15	15	354500	39@19	CP_QPSK	15.31
n66	15	15	354500	1@1	CP_QPSK	15.06
n66	15	15	354500	1@77	CP_QPSK	15.16
n66	15	20	344000	100@0	DFT_BPSK	16.23
n66	15	20	344000	50@25	DFT_BPSK	16.65
n66	15	20	344000	1@1	DFT_BPSK	16.65
n66	15	20	344000	1@104	DFT_BPSK	16.77
n66	15	20	344000	100@0	DFT_QPSK	15.71
n66	15	20	344000	50@25	DFT_QPSK	16.72
n66	15	20	344000	1@1	DFT_QPSK	16.68
n66	15	20	344000	1@104	DFT_QPSK	16.75
n66	15	20	344000	100@0	DFT_16QAM	14.71
n66	15	20	344000	50@25	DFT_16QAM	15.71
n66	15	20	344000	1@1	DFT_16QAM	15.79
n66	15	20	344000	1@104	DFT_16QAM	16.01
n66	15	20	344000	100@0	DFT_64QAM	14.19
n66	15	20	344000	50@25	DFT_64QAM	14.22
n66	15	20	344000	1@1	DFT_64QAM	14.37
n66	15	20	344000	1@104	DFT_64QAM	14.57
n66	15	20	344000	100@0	DFT_256QAM	12.13
n66	15	20	344000	50@25	DFT_256QAM	12.17
n66	15	20	344000	1@1	DFT_256QAM	12.01
n66	15	20	344000	1@104	DFT_256QAM	12.28



n66	15	20	344000	106@0	CP_QPSK	13.74
n66	15	20	344000	53@26	CP_QPSK	15.27
n66	15	20	344000	1@1	CP_QPSK	15.09
n66	15	20	344000	1@104	CP_QPSK	15.32
n66	15	20	349000	100@0	DFT_BPSK	16.21
n66	15	20	349000	50@25	DFT_BPSK	16.67
n66	15	20	349000	1@1	DFT_BPSK	16.57
n66	15	20	349000	1@104	DFT_BPSK	16.65
n66	15	20	349000	100@0	DFT_QPSK	15.73
n66	15	20	349000	50@25	DFT_QPSK	16.66
n66	15	20	349000	1@1	DFT_QPSK	16.55
n66	15	20	349000	1@104	DFT_QPSK	16.62
n66	15	20	349000	100@0	DFT_16QAM	14.7
n66	15	20	349000	50@25	DFT_16QAM	15.75
n66	15	20	349000	1@1	DFT_16QAM	15.65
n66	15	20	349000	1@104	DFT_16QAM	15.77
n66	15	20	349000	100@0	DFT_64QAM	14.18
n66	15	20	349000	50@25	DFT_64QAM	14.19
n66	15	20	349000	1@1	DFT_64QAM	14.24
n66	15	20	349000	1@104	DFT_64QAM	14.38
n66	15	20	349000	100@0	DFT_256QAM	12.17
n66	15	20	349000	50@25	DFT_256QAM	12.15
n66	15	20	349000	1@1	DFT_256QAM	12
n66	15	20	349000	1@104	DFT_256QAM	12.07
n66	15	20	349000	106@0	CP_QPSK	13.71
n66	15	20	349000	53@26	CP_QPSK	15.23
n66	15	20	349000	1@1	CP_QPSK	15.01
n66	15	20	349000	1@104	CP_QPSK	15.1
n66	15	20	354000	100@0	DFT_BPSK	16.23
n66	15	20	354000	50@25	DFT_BPSK	16.69
n66	15	20	354000	1@1	DFT_BPSK	16.5
n66	15	20	354000	1@104	DFT_BPSK	16.72
n66	15	20	354000	100@0	DFT_QPSK	15.74
n66	15	20	354000	50@25	DFT_QPSK	16.72
n66	15	20	354000	1@1	DFT_QPSK	16.52
n66	15	20	354000	1@104	DFT_QPSK	16.67
n66	15	20	354000	100@0	DFT_16QAM	14.71
n66	15	20	354000	50@25	DFT_16QAM	15.78
n66	15	20	354000	1@1	DFT_16QAM	15.67
n66	15	20	354000	1@104	DFT_16QAM	15.99
n66	15	20	354000	100@0	DFT_64QAM	14.22
n66	15	20	354000	50@25	DFT_64QAM	14.25
n66	15	20	354000	1@1	DFT_64QAM	14.22
n66	15	20	354000	1@104	DFT_64QAM	14.57
n66	15	20	354000	100@0	DFT_256QAM	12.2
n66	15	20	354000	50@25	DFT_256QAM	12.16
n66	15	20	354000	1@1	DFT_256QAM	11.98
n66	15	20	354000	1@104	DFT_256QAM	12.19



n66	15	20	354000	106@0	CP_QPSK	13.77
n66	15	20	354000	53@26	CP_QPSK	15.27
n66	15	20	354000	1@1	CP_QPSK	15.04
n66	15	20	354000	1@104	CP_QPSK	15.2
n66	15	25	344500	128@0	DFT_BPSK	16.2
n66	15	25	344500	64@32	DFT_BPSK	16.69
n66	15	25	344500	1@1	DFT_BPSK	16.51
n66	15	25	344500	1@131	DFT_BPSK	16.7
n66	15	25	344500	128@0	DFT_QPSK	15.7
n66	15	25	344500	64@32	DFT_QPSK	16.69
n66	15	25	344500	1@1	DFT_QPSK	16.5
n66	15	25	344500	1@131	DFT_QPSK	16.66
n66	15	25	344500	128@0	DFT_16QAM	14.71
n66	15	25	344500	64@32	DFT_16QAM	15.7
n66	15	25	344500	1@1	DFT_16QAM	15.61
n66	15	25	344500	1@131	DFT_16QAM	15.93
n66	15	25	344500	128@0	DFT_64QAM	14.21
n66	15	25	344500	64@32	DFT_64QAM	14.23
n66	15	25	344500	1@1	DFT_64QAM	14.19
n66	15	25	344500	1@131	DFT_64QAM	14.51
n66	15	25	344500	128@0	DFT_256QAM	12.18
n66	15	25	344500	64@32	DFT_256QAM	12.19
n66	15	25	344500	1@1	DFT_256QAM	11.91
n66	15	25	344500	1@131	DFT_256QAM	12.2
n66	15	25	344500	133@0	CP_QPSK	13.68
n66	15	25	344500	67@33	CP_QPSK	15.23
n66	15	25	344500	1@1	CP_QPSK	14.95
n66	15	25	344500	1@131	CP_QPSK	15.25
n66	15	25	349000	128@0	DFT_BPSK	16.16
n66	15	25	349000	64@32	DFT_BPSK	16.59
n66	15	25	349000	1@1	DFT_BPSK	16.48
n66	15	25	349000	1@131	DFT_BPSK	16.58
n66	15	25	349000	128@0	DFT_QPSK	15.65
n66	15	25	349000	64@32	DFT_QPSK	16.57
n66	15	25	349000	1@1	DFT_QPSK	16.44
n66	15	25	349000	1@131	DFT_QPSK	16.56
n66	15	25	349000	128@0	DFT_16QAM	14.67
n66	15	25	349000	64@32	DFT_16QAM	15.61
n66	15	25	349000	1@1	DFT_16QAM	15.71
n66	15	25	349000	1@131	DFT_16QAM	15.77
n66	15	25	349000	128@0	DFT_64QAM	14.18
n66	15	25	349000	64@32	DFT_64QAM	14.2
n66	15	25	349000	1@1	DFT_64QAM	14.29
n66	15	25	349000	1@131	DFT_64QAM	14.31
n66	15	25	349000	128@0	DFT_256QAM	12.17
n66	15	25	349000	64@32	DFT_256QAM	12.11
n66	15	25	349000	1@1	DFT_256QAM	11.95
n66	15	25	349000	1@131	DFT_256QAM	11.98



n66	15	25	349000	133@0	CP_QPSK	13.62
n66	15	25	349000	67@33	CP_QPSK	15.18
n66	15	25	349000	1@1	CP_QPSK	14.98
n66	15	25	349000	1@131	CP_QPSK	15.04
n66	15	25	353500	128@0	DFT_BPSK	16.19
n66	15	25	353500	64@32	DFT_BPSK	16.64
n66	15	25	353500	1@1	DFT_BPSK	16.39
n66	15	25	353500	1@131	DFT_BPSK	16.68
n66	15	25	353500	128@0	DFT_QPSK	15.69
n66	15	25	353500	64@32	DFT_QPSK	16.67
n66	15	25	353500	1@1	DFT_QPSK	16.38
n66	15	25	353500	1@131	DFT_QPSK	16.63
n66	15	25	353500	128@0	DFT_16QAM	14.72
n66	15	25	353500	64@32	DFT_16QAM	15.63
n66	15	25	353500	1@1	DFT_16QAM	15.57
n66	15	25	353500	1@131	DFT_16QAM	15.91
n66	15	25	353500	128@0	DFT_64QAM	14.23
n66	15	25	353500	64@32	DFT_64QAM	14.21
n66	15	25	353500	1@1	DFT_64QAM	14.11
n66	15	25	353500	1@131	DFT_64QAM	14.47
n66	15	25	353500	128@0	DFT_256QAM	12.18
n66	15	25	353500	64@32	DFT_256QAM	12.12
n66	15	25	353500	1@1	DFT_256QAM	11.84
n66	15	25	353500	1@131	DFT_256QAM	12.14
n66	15	25	353500	133@0	CP_QPSK	13.64
n66	15	25	353500	67@33	CP_QPSK	15.18
n66	15	25	353500	1@1	CP_QPSK	14.91
n66	15	25	353500	1@131	CP_QPSK	15.11
n66	15	30	345000	160@0	DFT_BPSK	16.28
n66	15	30	345000	80@40	DFT_BPSK	16.74
n66	15	30	345000	1@1	DFT_BPSK	16.54
n66	15	30	345000	1@158	DFT_BPSK	16.72
n66	15	30	345000	160@0	DFT_QPSK	15.83
n66	15	30	345000	80@40	DFT_QPSK	16.72
n66	15	30	345000	1@1	DFT_QPSK	16.51
n66	15	30	345000	1@158	DFT_QPSK	16.71
n66	15	30	345000	160@0	DFT_16QAM	14.77
n66	15	30	345000	80@40	DFT_16QAM	15.8
n66	15	30	345000	1@1	DFT_16QAM	15.64
n66	15	30	345000	1@158	DFT_16QAM	15.96
n66	15	30	345000	160@0	DFT_64QAM	14.31
n66	15	30	345000	80@40	DFT_64QAM	14.3
n66	15	30	345000	1@1	DFT_64QAM	14.21
n66	15	30	345000	1@158	DFT_64QAM	14.6
n66	15	30	345000	160@0	DFT_256QAM	12.28
n66	15	30	345000	80@40	DFT_256QAM	12.22
n66	15	30	345000	1@1	DFT_256QAM	11.91
n66	15	30	345000	1@158	DFT_256QAM	12.25



n66	15	30	345000	160@0	CP_QPSK	13.77
n66	15	30	345000	80@40	CP_QPSK	15.3
n66	15	30	345000	1@1	CP_QPSK	14.95
n66	15	30	345000	1@158	CP_QPSK	15.28
n66	15	30	349000	160@0	DFT_BPSK	16.22
n66	15	30	349000	80@40	DFT_BPSK	16.66
n66	15	30	349000	1@1	DFT_BPSK	16.47
n66	15	30	349000	1@158	DFT_BPSK	16.67
n66	15	30	349000	160@0	DFT_QPSK	15.7
n66	15	30	349000	80@40	DFT_QPSK	16.63
n66	15	30	349000	1@1	DFT_QPSK	16.46
n66	15	30	349000	1@158	DFT_QPSK	16.62
n66	15	30	349000	160@0	DFT_16QAM	14.67
n66	15	30	349000	80@40	DFT_16QAM	15.74
n66	15	30	349000	1@1	DFT_16QAM	15.73
n66	15	30	349000	1@158	DFT_16QAM	15.82
n66	15	30	349000	160@0	DFT_64QAM	14.21
n66	15	30	349000	80@40	DFT_64QAM	14.27
n66	15	30	349000	1@1	DFT_64QAM	14.29
n66	15	30	349000	1@158	DFT_64QAM	14.41
n66	15	30	349000	160@0	DFT_256QAM	12.21
n66	15	30	349000	80@40	DFT_256QAM	12.14
n66	15	30	349000	1@1	DFT_256QAM	12.05
n66	15	30	349000	1@158	DFT_256QAM	12.13
n66	15	30	349000	160@0	CP_QPSK	13.7
n66	15	30	349000	80@40	CP_QPSK	15.18
n66	15	30	349000	1@1	CP_QPSK	15.03
n66	15	30	349000	1@158	CP_QPSK	15.11
n66	15	30	353000	160@0	DFT_BPSK	16.19
n66	15	30	353000	80@40	DFT_BPSK	16.66
n66	15	30	353000	1@1	DFT_BPSK	16.45
n66	15	30	353000	1@158	DFT_BPSK	16.73
n66	15	30	353000	160@0	DFT_QPSK	15.72
n66	15	30	353000	80@40	DFT_QPSK	16.68
n66	15	30	353000	1@1	DFT_QPSK	16.43
n66	15	30	353000	1@158	DFT_QPSK	16.68
n66	15	30	353000	160@0	DFT_16QAM	14.73
n66	15	30	353000	80@40	DFT_16QAM	15.72
n66	15	30	353000	1@1	DFT_16QAM	15.59
n66	15	30	353000	1@158	DFT_16QAM	15.97
n66	15	30	353000	160@0	DFT_64QAM	14.2
n66	15	30	353000	80@40	DFT_64QAM	14.22
n66	15	30	353000	1@1	DFT_64QAM	14.2
n66	15	30	353000	1@158	DFT_64QAM	14.58
n66	15	30	353000	160@0	DFT_256QAM	12.2
n66	15	30	353000	80@40	DFT_256QAM	12.15
n66	15	30	353000	1@1	DFT_256QAM	11.87
n66	15	30	353000	1@158	DFT_256QAM	12.21



n66	15	30	353000	160@0	CP_QPSK	13.72
n66	15	30	353000	80@40	CP_QPSK	15.16
n66	15	30	353000	1@1	CP_QPSK	14.92
n66	15	30	353000	1@158	CP_QPSK	15.15
n66	15	40	346000	216@0	DFT_BPSK	16.22
n66	15	40	346000	108@54	DFT_BPSK	16.76
n66	15	40	346000	1@1	DFT_BPSK	16.46
n66	15	40	346000	1@214	DFT_BPSK	16.75
n66	15	40	346000	216@0	DFT_QPSK	15.78
n66	15	40	346000	108@54	DFT_QPSK	16.77
n66	15	40	346000	1@1	DFT_QPSK	16.46
n66	15	40	346000	1@214	DFT_QPSK	16.72
n66	15	40	346000	216@0	DFT_16QAM	14.76
n66	15	40	346000	108@54	DFT_16QAM	15.84
n66	15	40	346000	1@1	DFT_16QAM	15.57
n66	15	40	346000	1@214	DFT_16QAM	15.89
n66	15	40	346000	216@0	DFT_64QAM	14.28
n66	15	40	346000	108@54	DFT_64QAM	14.32
n66	15	40	346000	1@1	DFT_64QAM	14.15
n66	15	40	346000	1@214	DFT_64QAM	14.43
n66	15	40	346000	216@0	DFT_256QAM	12.25
n66	15	40	346000	108@54	DFT_256QAM	12.26
n66	15	40	346000	1@1	DFT_256QAM	11.87
n66	15	40	346000	1@214	DFT_256QAM	12.17
n66	15	40	346000	216@0	CP_QPSK	13.77
n66	15	40	346000	108@54	CP_QPSK	15.29
n66	15	40	346000	1@1	CP_QPSK	14.87
n66	15	40	346000	1@214	CP_QPSK	15.24
n66	15	40	349000	216@0	DFT_BPSK	16.19
n66	15	40	349000	108@54	DFT_BPSK	16.65
n66	15	40	349000	1@1	DFT_BPSK	16.42
n66	15	40	349000	1@214	DFT_BPSK	16.69
n66	15	40	349000	216@0	DFT_QPSK	15.72
n66	15	40	349000	108@54	DFT_QPSK	16.65
n66	15	40	349000	1@1	DFT_QPSK	16.41
n66	15	40	349000	1@214	DFT_QPSK	16.7
n66	15	40	349000	216@0	DFT_16QAM	14.73
n66	15	40	349000	108@54	DFT_16QAM	15.73
n66	15	40	349000	1@1	DFT_16QAM	15.55
n66	15	40	349000	1@214	DFT_16QAM	15.84
n66	15	40	349000	216@0	DFT_64QAM	14.21
n66	15	40	349000	108@54	DFT_64QAM	14.21
n66	15	40	349000	1@1	DFT_64QAM	14.13
n66	15	40	349000	1@214	DFT_64QAM	14.43
n66	15	40	349000	216@0	DFT_256QAM	12.19
n66	15	40	349000	108@54	DFT_256QAM	12.2
n66	15	40	349000	1@1	DFT_256QAM	11.83
n66	15	40	349000	1@214	DFT_256QAM	12.12



n66	15	40	349000	216@0	CP_QPSK	13.69
n66	15	40	349000	108@54	CP_QPSK	15.2
n66	15	40	349000	1@1	CP_QPSK	14.88
n66	15	40	349000	1@214	CP_QPSK	15.18
n66	15	40	352000	216@0	DFT_BPSK	16.16
n66	15	40	352000	108@54	DFT_BPSK	16.64
n66	15	40	352000	1@1	DFT_BPSK	16.38
n66	15	40	352000	1@214	DFT_BPSK	16.77
n66	15	40	352000	216@0	DFT_QPSK	15.69
n66	15	40	352000	108@54	DFT_QPSK	16.67
n66	15	40	352000	1@1	DFT_QPSK	16.37
n66	15	40	352000	1@214	DFT_QPSK	16.72
n66	15	40	352000	216@0	DFT_16QAM	14.68
n66	15	40	352000	108@54	DFT_16QAM	15.73
n66	15	40	352000	1@1	DFT_16QAM	15.61
n66	15	40	352000	1@214	DFT_16QAM	16.02
n66	15	40	352000	216@0	DFT_64QAM	14.2
n66	15	40	352000	108@54	DFT_64QAM	14.21
n66	15	40	352000	1@1	DFT_64QAM	14.19
n66	15	40	352000	1@214	DFT_64QAM	14.56
n66	15	40	352000	216@0	DFT_256QAM	12.16
n66	15	40	352000	108@54	DFT_256QAM	12.15
n66	15	40	352000	1@1	DFT_256QAM	11.91
n66	15	40	352000	1@214	DFT_256QAM	12.2
n66	15	40	352000	216@0	CP_QPSK	13.66
n66	15	40	352000	108@54	CP_QPSK	15.2
n66	15	40	352000	1@1	CP_QPSK	14.97
n66	15	40	352000	1@214	CP_QPSK	15.19



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	14.01
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	14.37
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	14.11
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	13.6
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	13.47
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	14.21
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	14.48
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	13.87
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	12.64
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	13.26
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	13.21
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	12.71
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	11.4
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	11.6
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	11.52
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	11.32
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	9.4
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	9.28
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	9.25
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	9.64
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	12.49
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	12.79
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	13.05
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	12.97
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	13.74
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	14.16
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	14.25
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	14.15
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	13.2
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	14.22
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	14.28
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	14.2
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	12.2
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	13.25
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	13.13
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	13.06
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	11.81
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	11.76
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	11.79
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	11.67
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	9.75
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	9.77
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	9.79
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	9.71



n78(3450-3550)	30	10	633334	24@0	CP_QPSK	11.29
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	12.64
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	12.84
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	12.76
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	13.52
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	14.04
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	14.06
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	14.01
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	12.98
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	14.01
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	14.1
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	14.03
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	12.14
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	13.07
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	12.95
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	12.91
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	11.6
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	11.6
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	11.58
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	11.52
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	9.59
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	9.83
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	9.64
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	9.57
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	11
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	12.45
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	12.65
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	12.6
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.88
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	14.45
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	14.43
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	14.34
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.4
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	14.45
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	14.45
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	14.31
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	12.43
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	13.4
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	13.31
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	13.2
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	11.93
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	12.04
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	12.02
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	11.83
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	9.94
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	9.93
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	10.05
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	9.89



n78(3450-3550)	30	15	630500	38@0	CP_QPSK	11.41
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	12.86
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	12.97
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	12.85
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.82
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	14.23
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	14.27
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	14.1
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.25
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	14.24
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	14.3
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	14.13
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	12.33
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	13.23
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	13.11
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	12.95
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	11.75
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	11.81
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	11.79
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	11.61
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	9.71
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	9.74
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	9.87
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	9.69
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	11.2
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	12.67
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	12.83
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	12.64
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.55
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	14.04
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	14.11
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	14
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.02
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	14.07
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	14.13
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	14.01
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	12.12
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	13.06
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	12.97
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	12.86
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	11.59
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	11.66
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	11.64
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	11.54
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	9.61
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	9.53
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	9.7
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	9.61



n78(3450-3550)	30	15	636166	38@0	CP_QPSK	11.1
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	12.61
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	12.71
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	12.6
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	13.97
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	14.35
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	14.49
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	14.28
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	13.45
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	14.48
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	14.48
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	14.32
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	12.39
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	13.4
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	13.34
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	13.16
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	11.9
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	11.96
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	12.03
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	11.87
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	9.95
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	9.99
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	10.1
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	9.94
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	11.44
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	12.91
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	13.05
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	12.86
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	13.72
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	14.23
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	14.25
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	14.07
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	13.23
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	14.27
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	14.28
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	14.09
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	12.23
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	13.23
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	13.15
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	12.98
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	11.71
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	11.76
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	11.84
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	11.67
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	9.79
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	9.76
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	9.9
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	9.71



n78(3450-3550)	30	20	633334	51@0	CP_QPSK	11.27
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	12.72
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	12.84
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	12.61
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	13.57
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	14.07
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	14.17
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	14.01
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	13.1
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	14.09
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	14.2
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	14.03
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	12.08
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	13.11
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	13.03
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	12.86
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	11.54
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	11.57
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	11.85
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	11.65
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	9.64
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	9.59
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	9.81
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	9.59
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	11.09
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	12.55
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	12.74
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	12.54
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	13.86
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	14.35
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	14.43
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	14.27
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	13.35
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	14.36
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	14.46
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	14.29
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	12.38
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	13.35
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	13.32
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	13.11
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	11.89
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	11.89
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	12
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	11.86
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	9.87
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	9.88
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	10.09
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	9.87



n78(3450-3550)	30	40	631334	106@0	CP_QPSK	11.4
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	12.86
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	13.02
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	12.77
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	13.73
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	14.29
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	14.3
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	14.08
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	13.28
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	14.28
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	14.33
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	14.1
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	12.28
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	13.26
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	13.16
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	12.99
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	11.81
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	11.84
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	11.9
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	11.7
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	9.85
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	9.81
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	9.92
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	9.7
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	11.29
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	12.78
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	12.86
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	12.65
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	13.64
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	14.2
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	14.26
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	13.94
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	13.19
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	14.17
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	14.29
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	13.97
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	12.19
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	13.21
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	13.13
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	12.83
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	11.68
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	11.69
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	11.81
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	11.48
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	9.68
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	9.72
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	9.88
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	9.53



n78(3450-3550)	30	40	635332	106@0	CP_QPSK	11.2
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	12.68
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	12.8
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	12.48
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	13.8
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	14.31
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	14.38
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	14.14
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	13.31
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	14.32
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	14.42
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	14.16
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	12.32
n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	13.31
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	13.25
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	12.99
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	11.85
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	11.83
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	11.98
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	11.7
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	9.96
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	9.91
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	10.06
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	9.79
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	11.3
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	12.76
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	12.96
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	12.67
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	13.75
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	14.26
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	14.31
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	14.07
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	13.24
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	14.27
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	14.3
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	14.07
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	12.31
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	13.26
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	13.15
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	12.95
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	11.79
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	11.77
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	11.93
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	11.61
n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	9.82
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	9.88
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	9.94
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	9.71



n78(3450-3550)	30	50	633334	133@0	CP_QPSK	11.26
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	12.73
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	12.88
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	12.58
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	13.6
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	14.11
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	14.15
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	13.82
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	13.08
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	14.1
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	14.19
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	13.83
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	12.13
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	13.12
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	13.01
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	12.68
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	11.6
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	11.65
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	11.72
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	11.4
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	9.72
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	9.73
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	9.85
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	9.51
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	11.07
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	12.59
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	12.73
n78(3450-3550)	30	50	635000	1@131	CP_QPSK	12.44
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	13.77
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	14.3
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	14.39
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	13.98
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	13.28
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	14.26
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	14.39
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	13.98
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	12.31
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	13.3
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	13.25
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	12.84
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	11.79
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	11.83
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	11.95
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	11.5
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	9.86
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	9.81
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	9.97
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	9.58



n78(3450-3550)	30	60	632000	162@0	CP_QPSK	11.26
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	12.77
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	12.94
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	12.51
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	13.67
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	14.21
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	14.23
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	14
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	13.23
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	14.21
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	14.26
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	13.99
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	12.17
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	13.23
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	13.1
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	12.85
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	11.71
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	11.8
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	11.8
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	11.52
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	9.77
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	9.74
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	9.85
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	9.59
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	11.18
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	12.7
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	12.8
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	12.55
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	13.56
n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	14.12
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	14.25
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	13.8
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	13.07
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	14.1
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	14.28
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	13.82
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	12.09
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	13.11
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	13.12
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	12.68
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	11.62
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	11.67
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	11.85
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	11.39
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	9.65
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	9.62
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	9.84
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	9.36



n78(3450-3550)	30	60	634666	162@0	CP_QPSK	11.09
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	12.57
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	12.81
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	12.34
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	13.77
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	14.27
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	14.47
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	13.93
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	13.27
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	14.31
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	14.47
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	13.93
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	12.33
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	13.32
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	13.3
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	12.78
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	11.84
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	11.85
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	12.01
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	11.49
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	9.86
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	9.88
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	10.01
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	9.47
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	11.31
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	12.81
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	12.99
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	12.46
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	13.75
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	14.24
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	14.34
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	13.88
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	13.26
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	14.25
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	14.36
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	13.94
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	12.26
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	13.28
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	13.23
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	12.76
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	11.77
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	11.8
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	11.96
n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	11.47
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	9.8
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	9.84
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	9.91
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	9.46



n78(3450-3550)	30	70	633334	189@0	CP_QPSK	11.24
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	12.71
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	12.93
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	12.42
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	13.71
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	14.16
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	14.38
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	13.8
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	13.23
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	14.14
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	14.4
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	13.81
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	12.22
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	13.19
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	13.25
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	12.67
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	11.69
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	11.68
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	11.98
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	11.4
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	9.81
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	9.74
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	9.95
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	9.36
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	11.23
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	12.68
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	12.92
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	12.38
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	13.84
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	14.37
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	14.54
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	13.95
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	13.25
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	14.32
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	14.56
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	13.97
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	12.27
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	13.35
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	13.42
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	12.81
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	11.79
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	11.87
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	12.05
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	11.49
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	9.9
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	9.87
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	10.1
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	9.52



n78(3450-3550)	30	80	632668	217@0	CP_QPSK	11.33
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	12.82
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	13.05
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	12.49
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	13.73
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	14.26
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	14.39
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	13.82
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	13.25
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	14.26
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	14.45
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	13.85
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	12.26
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	13.29
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	13.29
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	12.66
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	11.78
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	11.81
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	11.93
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	11.33
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	9.82
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	9.79
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	9.98
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	9.38
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	11.28
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	12.77
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	12.95
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	12.37
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	13.72
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	14.2
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	14.37
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	13.78
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	13.21
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	14.15
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	14.36
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	13.84
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	12.2
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	13.17
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	13.24
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	12.64
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	11.67
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	11.69
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	11.9
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	11.33
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	9.77
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	9.7
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	9.92
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	9.32



n78(3450-3550)	30	80	634000	217@0	CP_QPSK	11.24
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	12.63
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	12.89
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	12.34
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	13.67
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	14.28
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	14.45
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	13.76
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	13.22
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	14.27
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	14.45
n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	13.75
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	12.23
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	13.27
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	13.31
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	12.64
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	11.73
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	11.74
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	12
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	11.28
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	9.84
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	9.85
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	10.02
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	9.3
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	11.2
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	12.68
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	12.97
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	12.29
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	13.71
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	14.27
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	14.41
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	13.79
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	13.25
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	14.24
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	14.44
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	13.81
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	12.26
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	13.28
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	13.27
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	12.66
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	11.76
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	11.77
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	12
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	11.34
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	9.84
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	9.82
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	9.99
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	9.33



n78(3450-3550)	30	90	633334	245@0	CP_QPSK	11.23
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	12.74
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	12.95
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	12.32
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	13.71
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	14.26
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	14.44
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	13.79
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	13.24
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	14.25
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	14.46
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	13.79
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	12.22
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	13.28
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	13.29
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	12.65
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	11.75
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	11.75
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	12
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	11.3
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	9.83
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	9.81
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	10.05
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	9.32
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	11.24
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	12.72
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	13
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	12.39
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	13.69
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	14.26
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	14.48
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	13.71
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	13.24
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	14.25
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	14.5
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	13.73
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	12.25
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	13.24
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	13.35
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	12.62
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	11.74
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	11.82
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	12.02
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	11.29
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	9.82
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	9.84
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	10.01
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	9.33



n78(3450-3550)	30	100	633334	273@0	CP_QPSK	11.26
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	12.68
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	12.99
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	12.26



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	13.54
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	13.98
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	13.95
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	14.04
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	13.02
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	14.11
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	13.97
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	14.08
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	12.1
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	13.06
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	12.89
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	12.92
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	11.63
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	11.69
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	11.49
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	11.57
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	9.55
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	9.68
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	9.54
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	9.55
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	11.05
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	12.5
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	12.57
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	12.63
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	14.03
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	14.54
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	14.46
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	14.49
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	13.49
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	14.53
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	14.44
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	14.48
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	12.6
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	13.47
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	13.33
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	13.37
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	12.11
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	12.07
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	11.93
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	11.95
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	10.07
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	10.1
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	9.98
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	9.95



n78(3700-3800)	30	10	650000	24@0	CP_QPSK	11.49
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	12.88
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	13.02
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	13.03
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	13.69
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	14.15
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	14.1
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	14.16
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	13.11
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	14.18
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	14.13
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	14.18
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	12.27
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	13.17
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	13.05
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	13.06
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	11.68
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	11.73
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	11.69
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	11.65
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	9.83
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	9.84
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	9.7
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	9.73
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	11.21
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	12.58
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	12.68
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	12.65
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	13.64
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	14.15
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	14.01
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	14.15
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	13.13
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	14.16
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	14.04
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	14.13
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	12.26
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	13.15
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	12.88
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	13
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	11.68
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	11.75
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	11.59
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	11.68
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	9.52
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	9.6
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	9.63
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	9.68



n78(3700-3800)	30	15	647168	38@0	CP_QPSK	11.04
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	12.62
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	12.56
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	12.63
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	14.08
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	14.57
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	14.5
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	14.51
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	13.59
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	14.57
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	14.49
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	14.55
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	12.65
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	13.58
n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	13.31
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	13.38
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	12.12
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	12.21
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	11.98
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	12.09
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	10.11
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	10.02
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	10.07
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	10.07
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	11.58
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	12.99
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	13.03
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	13.08
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	13.68
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	14.18
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	14.08
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	14.14
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	13.13
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	14.19
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	14.09
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	14.14
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	12.19
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	13.15
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	12.96
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	12.99
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	11.62
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	11.75
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	11.63
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	11.65
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	9.63
n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	9.6
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	9.63
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	9.7



n78(3700-3800)	30	15	652832	38@0	CP_QPSK	11.11
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	12.66
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	12.66
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	12.67
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	13.75
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	14.22
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	14.11
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	14.26
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	13.26
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	14.33
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	14.12
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	14.29
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	12.24
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	13.26
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	13
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	13.14
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	11.73
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	11.76
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	11.69
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	11.86
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	9.76
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	9.79
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	9.77
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	9.84
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	11.2
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	12.77
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	12.66
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	12.83
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	14.03
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	14.59
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	14.51
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	14.62
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	13.61
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	14.59
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	14.52
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	14.6
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	12.58
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	13.63
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	13.4
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	13.43
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	12.05
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	12.1
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	12.12
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	12.12
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	10.18
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	10.09
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	10.17
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	10.2



n78(3700-3800)	30	20	650000	51@0	CP_QPSK	11.63
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	13.1
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	13.12
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	13.14
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	13.71
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	14.17
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	14.12
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	14.15
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	13.24
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	14.23
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	14.15
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	14.14
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	12.19
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	13.23
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	12.94
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	13.03
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	11.68
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	11.76
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	11.66
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	11.73
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	9.67
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	9.74
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	9.69
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	9.75
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	11.25
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	12.75
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	12.62
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	12.72
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	13.84
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	14.37
n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	14.15
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	14.52
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	13.37
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	14.32
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	14.19
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	14.51
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	12.37
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	13.33
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	12.98
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	13.37
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	11.89
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	11.84
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	11.72
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	12.1
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	9.91
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	9.87
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	9.75
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	10.09



n78(3700-3800)	30	40	648000	106@0	CP_QPSK	11.44
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	12.89
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	12.7
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	13.06
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	14.12
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	14.61
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	14.46
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	14.66
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	13.66
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	14.64
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	14.5
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	14.66
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	12.64
n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	13.61
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	13.32
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	13.53
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	12.11
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	12.15
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	12.08
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	12.25
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	10.16
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	10.16
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	10.06
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	10.26
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	11.62
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	13.14
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	13.08
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	13.27
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	13.96
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	14.49
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	14.28
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	14.4
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	13.46
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	14.43
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	14.34
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	14.43
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	12.44
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	13.44
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	13.18
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	13.27
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	11.97
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	11.99
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	11.97
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	12.05
n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	9.99
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	9.99
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	9.94
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	10.06



n78(3700-3800)	30	40	652000	106@0	CP_QPSK	11.49
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	12.95
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	12.86
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	12.98
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	14.02
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	14.45
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	14.11
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	14.53
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	13.45
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	14.46
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	14.11
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	14.54
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	12.45
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	13.42
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	12.97
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	13.4
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	11.95
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	11.97
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	11.72
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	12.14
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	10.03
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	10.03
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	9.77
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	10.19
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	11.48
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	12.89
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	12.68
n78(3700-3800)	30	50	648334	1@131	CP_QPSK	13.07
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	14.19
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	14.64
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	14.41
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	14.63
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	13.64
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	14.66
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	14.42
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	14.66
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	12.64
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	13.62
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	13.23
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	13.48
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	12.19
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	12.18
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	11.98
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	12.18
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	10.22
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	10.22
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	10.01
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	10.32



n78(3700-3800)	30	50	650000	133@0	CP_QPSK	11.65
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	13.15
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	12.97
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	13.23
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	13.96
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	14.53
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	14.26
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	14.39
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	13.48
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	14.52
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	14.3
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	14.42
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	12.54
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	13.49
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	13.21
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	13.34
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	12.01
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	12.01
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	11.89
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	11.98
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	10.06
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	10.06
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	9.94
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	10.12
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	11.48
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	12.96
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	12.83
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	13
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	13.87
n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	14.38
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	14.08
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	14.48
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	13.37
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	14.39
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	14.07
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	14.52
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	12.4
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	13.46
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	12.96
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	13.34
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	11.92
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	11.93
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	11.64
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	12.02
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	9.89
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	9.94
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	9.65
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	10.1



n78(3700-3800)	30	60	648668	162@0	CP_QPSK	11.4
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	12.89
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	12.62
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	13.02
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	14.06
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	14.62
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	14.28
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	14.6
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	13.59
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	14.63
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	14.3
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	14.59
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	12.6
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	13.62
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	13.14
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	13.48
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	12.16
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	12.23
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	11.85
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	12.15
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	10.15
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	10.2
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	9.85
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	10.16
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	11.62
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	13.08
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	12.85
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	13.14
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	13.96
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	14.46
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	14.32
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	14.45
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	13.45
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	14.47
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	14.33
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	14.47
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	12.48
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	13.52
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	13.18
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	13.34
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	11.99
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	12.1
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	11.83
n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	11.99
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	10.03
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	10.05
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	9.89
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	10.04



n78(3700-3800)	30	60	651332	162@0	CP_QPSK	11.45
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	12.95
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	12.85
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	12.97
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	14.06
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	14.61
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	14.2
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	14.67
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	13.55
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	14.59
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	14.19
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	14.67
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	12.57
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	13.62
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	13.07
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	13.51
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	12.09
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	12.11
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	11.76
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	12.23
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	10.15
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	10.18
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	9.78
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	10.23
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	11.57
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	13.1
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	12.75
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	13.22
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	14.14
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	14.69
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	14.28
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	14.62
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	13.67
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	14.68
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	14.31
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	14.57
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	12.68
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	13.7
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	13.16
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	13.46
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	12.17
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	12.2
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	11.91
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	12.23
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	10.28
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	10.25
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	9.88
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	10.19



n78(3700-3800)	30	70	650000	189@0	CP_QPSK	11.7
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	13.17
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	12.86
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	13.14
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	14.14
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	14.61
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	14.4
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	14.58
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	13.63
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	14.62
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	14.44
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	14.58
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	12.62
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	13.68
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	13.28
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	13.46
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	12.15
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	12.18
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	12.04
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	12.19
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	10.21
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	10.19
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	10
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	10.11
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	11.63
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	13.11
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	12.97
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	13.14
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	14.11
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	14.63
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	14.23
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	14.65
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	13.59
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	14.67
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	14.25
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	14.65
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	12.59
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	13.68
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	13.05
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	13.51
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	12.12
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	12.2
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	11.78
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	12.19
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	10.14
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	10.24
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	9.78
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	10.19



n78(3700-3800)	30	80	649334	217@0	CP_QPSK	11.64
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	13.18
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	12.75
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	13.17
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	14.19
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	14.73
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	14.26
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	14.65
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	13.68
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	14.69
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	14.31
n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	14.68
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	12.67
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	13.7
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	13.18
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	13.52
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	12.2
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	12.26
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	11.84
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	12.24
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	10.18
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	10.24
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	9.88
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	10.21
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	11.7
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	13.16
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	12.86
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	13.18
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	14.14
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	14.69
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	14.35
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	14.58
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	13.63
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	14.66
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	14.32
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	14.64
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	12.62
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	13.64
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	13.19
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	13.46
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	12.18
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	12.2
n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	11.86
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	12.12
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	10.15
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	10.17
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	9.9
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	10.14



n78(3700-3800)	30	80	650666	217@0	CP_QPSK	11.67
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	13.08
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	12.88
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	13.15
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	14.16
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	14.7
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	14.21
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	14.69
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	13.68
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	14.68
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	14.24
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	14.67
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	12.67
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	13.73
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	13.06
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	13.5
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	12.21
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	12.25
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	11.72
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	12.21
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	10.23
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	10.26
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	9.77
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	10.25
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	11.67
n78(3700-3800)	30	90	649668	123@61	CP_QPSK	13.18
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	12.73
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	13.16
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	14.2
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	14.72
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	14.23
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	14.59
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	13.66
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	14.7
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	14.24
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	14.61
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	12.69
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	13.72
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	13.13
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	13.5
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	12.21
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	12.28
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	11.8
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	12.15
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	10.24
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	10.28
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	9.83
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	10.17



n78(3700-3800)	30	90	650000	245@0	CP_QPSK	11.65
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	13.21
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	12.81
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	13.16
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	14.1
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	14.66
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	14.2
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	14.58
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	13.63
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	14.68
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	14.24
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	14.58
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	12.63
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	13.67
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	13.09
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	13.44
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	12.15
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	12.18
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	11.8
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	12.11
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	10.22
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	10.21
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	9.82
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	10.14
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	11.59
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	13.11
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	12.76
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	13.2
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	14.18
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	14.66
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	14.19
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	14.61
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	13.66
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	14.69
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	14.15
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	14.64
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	12.63
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	13.71
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	13.07
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	13.48
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	12.16
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	12.26
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	11.75
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	12.17
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	10.2
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	10.26
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	9.76
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	10.21



n78(3700-3800)	30	100	650000	273@0	CP_QPSK	11.66
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	13.19
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	12.73
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	13.15



NSA NR Power receiver ANT 4

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n66	15	5	342500	25@0	DFT_BPSK	22.27
n66	15	5	342500	12@6	DFT_BPSK	22.76
n66	15	5	342500	1@1	DFT_BPSK	22.76
n66	15	5	342500	1@23	DFT_BPSK	22.65
n66	15	5	342500	25@0	DFT_QPSK	21.82
n66	15	5	342500	12@6	DFT_QPSK	22.79
n66	15	5	342500	1@1	DFT_QPSK	22.77
n66	15	5	342500	1@23	DFT_QPSK	22.62
n66	15	5	342500	25@0	DFT_16QAM	20.77
n66	15	5	342500	12@6	DFT_16QAM	21.79
n66	15	5	342500	1@1	DFT_16QAM	21.84
n66	15	5	342500	1@23	DFT_16QAM	21.79
n66	15	5	342500	25@0	DFT_64QAM	20.31
n66	15	5	342500	12@6	DFT_64QAM	20.37
n66	15	5	342500	1@1	DFT_64QAM	20.48
n66	15	5	342500	1@23	DFT_64QAM	20.39
n66	15	5	342500	25@0	DFT_256QAM	18.16
n66	15	5	342500	12@6	DFT_256QAM	18.29
n66	15	5	342500	1@1	DFT_256QAM	18.1
n66	15	5	342500	1@23	DFT_256QAM	18.04
n66	15	5	342500	25@0	CP_QPSK	19.8
n66	15	5	342500	13@6	CP_QPSK	21.2
n66	15	5	342500	1@1	CP_QPSK	21.18
n66	15	5	342500	1@23	CP_QPSK	21.12
n66	15	5	349000	25@0	DFT_BPSK	22.27
n66	15	5	349000	12@6	DFT_BPSK	22.74
n66	15	5	349000	1@1	DFT_BPSK	22.55
n66	15	5	349000	1@23	DFT_BPSK	22.66
n66	15	5	349000	25@0	DFT_QPSK	21.77
n66	15	5	349000	12@6	DFT_QPSK	22.69
n66	15	5	349000	1@1	DFT_QPSK	22.55
n66	15	5	349000	1@23	DFT_QPSK	22.61
n66	15	5	349000	25@0	DFT_16QAM	20.73
n66	15	5	349000	12@6	DFT_16QAM	21.75
n66	15	5	349000	1@1	DFT_16QAM	21.82
n66	15	5	349000	1@23	DFT_16QAM	21.79
n66	15	5	349000	25@0	DFT_64QAM	20.28
n66	15	5	349000	12@6	DFT_64QAM	20.3
n66	15	5	349000	1@1	DFT_64QAM	20.41
n66	15	5	349000	1@23	DFT_64QAM	20.42
n66	15	5	349000	25@0	DFT_256QAM	18.18
n66	15	5	349000	12@6	DFT_256QAM	18.25
n66	15	5	349000	1@1	DFT_256QAM	18.07
n66	15	5	349000	1@23	DFT_256QAM	18.04



n66	15	5	349000	25@0	CP_QPSK	19.75
n66	15	5	349000	13@6	CP_QPSK	21.16
n66	15	5	349000	1@1	CP_QPSK	21.11
n66	15	5	349000	1@23	CP_QPSK	21.09
n66	15	5	355500	25@0	DFT_BPSK	22.32
n66	15	5	355500	12@6	DFT_BPSK	22.69
n66	15	5	355500	1@1	DFT_BPSK	22.6
n66	15	5	355500	1@23	DFT_BPSK	22.61
n66	15	5	355500	25@0	DFT_QPSK	21.86
n66	15	5	355500	12@6	DFT_QPSK	22.73
n66	15	5	355500	1@1	DFT_QPSK	22.56
n66	15	5	355500	1@23	DFT_QPSK	22.53
n66	15	5	355500	25@0	DFT_16QAM	20.82
n66	15	5	355500	12@6	DFT_16QAM	21.79
n66	15	5	355500	1@1	DFT_16QAM	21.8
n66	15	5	355500	1@23	DFT_16QAM	21.93
n66	15	5	355500	25@0	DFT_64QAM	20.39
n66	15	5	355500	12@6	DFT_64QAM	20.37
n66	15	5	355500	1@1	DFT_64QAM	20.42
n66	15	5	355500	1@23	DFT_64QAM	20.46
n66	15	5	355500	25@0	DFT_256QAM	18.23
n66	15	5	355500	12@6	DFT_256QAM	18.33
n66	15	5	355500	1@1	DFT_256QAM	18.07
n66	15	5	355500	1@23	DFT_256QAM	18.14
n66	15	5	355500	25@0	CP_QPSK	19.8
n66	15	5	355500	13@6	CP_QPSK	21.27
n66	15	5	355500	1@1	CP_QPSK	21.11
n66	15	5	355500	1@23	CP_QPSK	21.12
n66	15	10	343000	50@0	DFT_BPSK	22.18
n66	15	10	343000	25@12	DFT_BPSK	22.63
n66	15	10	343000	1@1	DFT_BPSK	22.73
n66	15	10	343000	1@50	DFT_BPSK	22.65
n66	15	10	343000	50@0	DFT_QPSK	21.73
n66	15	10	343000	25@12	DFT_QPSK	22.63
n66	15	10	343000	1@1	DFT_QPSK	22.76
n66	15	10	343000	1@50	DFT_QPSK	22.67
n66	15	10	343000	50@0	DFT_16QAM	20.7
n66	15	10	343000	25@12	DFT_16QAM	21.7
n66	15	10	343000	1@1	DFT_16QAM	21.81
n66	15	10	343000	1@50	DFT_16QAM	21.88
n66	15	10	343000	50@0	DFT_64QAM	20.17
n66	15	10	343000	25@12	DFT_64QAM	20.21
n66	15	10	343000	1@1	DFT_64QAM	20.4
n66	15	10	343000	1@50	DFT_64QAM	20.43
n66	15	10	343000	50@0	DFT_256QAM	18.11
n66	15	10	343000	25@12	DFT_256QAM	18.08
n66	15	10	343000	1@1	DFT_256QAM	18.11
n66	15	10	343000	1@50	DFT_256QAM	18.11



n66	15	10	343000	52@0	CP_QPSK	19.68
n66	15	10	343000	26@13	CP_QPSK	21.18
n66	15	10	343000	1@1	CP_QPSK	21.17
n66	15	10	343000	1@50	CP_QPSK	21.16
n66	15	10	349000	50@0	DFT_BPSK	22.19
n66	15	10	349000	25@12	DFT_BPSK	22.59
n66	15	10	349000	1@1	DFT_BPSK	22.59
n66	15	10	349000	1@50	DFT_BPSK	22.65
n66	15	10	349000	50@0	DFT_QPSK	21.73
n66	15	10	349000	25@12	DFT_QPSK	22.61
n66	15	10	349000	1@1	DFT_QPSK	22.57
n66	15	10	349000	1@50	DFT_QPSK	22.67
n66	15	10	349000	50@0	DFT_16QAM	20.72
n66	15	10	349000	25@12	DFT_16QAM	21.72
n66	15	10	349000	1@1	DFT_16QAM	21.86
n66	15	10	349000	1@50	DFT_16QAM	21.84
n66	15	10	349000	50@0	DFT_64QAM	20.19
n66	15	10	349000	25@12	DFT_64QAM	20.27
n66	15	10	349000	1@1	DFT_64QAM	20.37
n66	15	10	349000	1@50	DFT_64QAM	20.41
n66	15	10	349000	50@0	DFT_256QAM	18.08
n66	15	10	349000	25@12	DFT_256QAM	18.14
n66	15	10	349000	1@1	DFT_256QAM	18.11
n66	15	10	349000	1@50	DFT_256QAM	18.07
n66	15	10	349000	52@0	CP_QPSK	19.67
n66	15	10	349000	26@13	CP_QPSK	21.11
n66	15	10	349000	1@1	CP_QPSK	21.15
n66	15	10	349000	1@50	CP_QPSK	21.13
n66	15	10	355000	50@0	DFT_BPSK	22.27
n66	15	10	355000	25@12	DFT_BPSK	22.68
n66	15	10	355000	1@1	DFT_BPSK	22.62
n66	15	10	355000	1@50	DFT_BPSK	22.68
n66	15	10	355000	50@0	DFT_QPSK	21.77
n66	15	10	355000	25@12	DFT_QPSK	22.68
n66	15	10	355000	1@1	DFT_QPSK	22.55
n66	15	10	355000	1@50	DFT_QPSK	22.6
n66	15	10	355000	50@0	DFT_16QAM	20.73
n66	15	10	355000	25@12	DFT_16QAM	21.74
n66	15	10	355000	1@1	DFT_16QAM	21.85
n66	15	10	355000	1@50	DFT_16QAM	22
n66	15	10	355000	50@0	DFT_64QAM	20.26
n66	15	10	355000	25@12	DFT_64QAM	20.33
n66	15	10	355000	1@1	DFT_64QAM	20.43
n66	15	10	355000	1@50	DFT_64QAM	20.53
n66	15	10	355000	50@0	DFT_256QAM	18.17
n66	15	10	355000	25@12	DFT_256QAM	18.18
n66	15	10	355000	1@1	DFT_256QAM	18.11
n66	15	10	355000	1@50	DFT_256QAM	18.18



n66	15	10	355000	52@0	CP_QPSK	19.74
n66	15	10	355000	26@13	CP_QPSK	21.19
n66	15	10	355000	1@1	CP_QPSK	21.19
n66	15	10	355000	1@50	CP_QPSK	21.21
n66	15	15	343500	75@0	DFT_BPSK	22.27
n66	15	15	343500	36@18	DFT_BPSK	22.66
n66	15	15	343500	1@1	DFT_BPSK	22.74
n66	15	15	343500	1@77	DFT_BPSK	22.76
n66	15	15	343500	75@0	DFT_QPSK	21.79
n66	15	15	343500	36@18	DFT_QPSK	22.7
n66	15	15	343500	1@1	DFT_QPSK	22.71
n66	15	15	343500	1@77	DFT_QPSK	22.75
n66	15	15	343500	75@0	DFT_16QAM	20.74
n66	15	15	343500	36@18	DFT_16QAM	21.78
n66	15	15	343500	1@1	DFT_16QAM	21.79
n66	15	15	343500	1@77	DFT_16QAM	21.91
n66	15	15	343500	75@0	DFT_64QAM	20.27
n66	15	15	343500	36@18	DFT_64QAM	20.27
n66	15	15	343500	1@1	DFT_64QAM	20.38
n66	15	15	343500	1@77	DFT_64QAM	20.49
n66	15	15	343500	75@0	DFT_256QAM	18.16
n66	15	15	343500	36@18	DFT_256QAM	18.2
n66	15	15	343500	1@1	DFT_256QAM	18.11
n66	15	15	343500	1@77	DFT_256QAM	18.14
n66	15	15	343500	79@0	CP_QPSK	19.75
n66	15	15	343500	39@19	CP_QPSK	21.28
n66	15	15	343500	1@1	CP_QPSK	21.16
n66	15	15	343500	1@77	CP_QPSK	21.22
n66	15	15	349000	75@0	DFT_BPSK	22.23
n66	15	15	349000	36@18	DFT_BPSK	22.62
n66	15	15	349000	1@1	DFT_BPSK	22.63
n66	15	15	349000	1@77	DFT_BPSK	22.68
n66	15	15	349000	75@0	DFT_QPSK	21.74
n66	15	15	349000	36@18	DFT_QPSK	22.67
n66	15	15	349000	1@1	DFT_QPSK	22.57
n66	15	15	349000	1@77	DFT_QPSK	22.69
n66	15	15	349000	75@0	DFT_16QAM	20.73
n66	15	15	349000	36@18	DFT_16QAM	21.77
n66	15	15	349000	1@1	DFT_16QAM	21.76
n66	15	15	349000	1@77	DFT_16QAM	21.84
n66	15	15	349000	75@0	DFT_64QAM	20.22
n66	15	15	349000	36@18	DFT_64QAM	20.29
n66	15	15	349000	1@1	DFT_64QAM	20.38
n66	15	15	349000	1@77	DFT_64QAM	20.37
n66	15	15	349000	75@0	DFT_256QAM	18.16
n66	15	15	349000	36@18	DFT_256QAM	18.2
n66	15	15	349000	1@1	DFT_256QAM	18.01
n66	15	15	349000	1@77	DFT_256QAM	18.08



n66	15	15	349000	79@0	CP_QPSK	19.75
n66	15	15	349000	39@19	CP_QPSK	21.27
n66	15	15	349000	1@1	CP_QPSK	21.09
n66	15	15	349000	1@77	CP_QPSK	21.13
n66	15	15	354500	75@0	DFT_BPSK	22.27
n66	15	15	354500	36@18	DFT_BPSK	22.71
n66	15	15	354500	1@1	DFT_BPSK	22.66
n66	15	15	354500	1@77	DFT_BPSK	22.72
n66	15	15	354500	75@0	DFT_QPSK	21.82
n66	15	15	354500	36@18	DFT_QPSK	22.78
n66	15	15	354500	1@1	DFT_QPSK	22.64
n66	15	15	354500	1@77	DFT_QPSK	22.64
n66	15	15	354500	75@0	DFT_16QAM	20.82
n66	15	15	354500	36@18	DFT_16QAM	21.85
n66	15	15	354500	1@1	DFT_16QAM	21.74
n66	15	15	354500	1@77	DFT_16QAM	22.02
n66	15	15	354500	75@0	DFT_64QAM	20.35
n66	15	15	354500	36@18	DFT_64QAM	20.34
n66	15	15	354500	1@1	DFT_64QAM	20.39
n66	15	15	354500	1@77	DFT_64QAM	20.61
n66	15	15	354500	75@0	DFT_256QAM	18.25
n66	15	15	354500	36@18	DFT_256QAM	18.24
n66	15	15	354500	1@1	DFT_256QAM	18.02
n66	15	15	354500	1@77	DFT_256QAM	18.21
n66	15	15	354500	79@0	CP_QPSK	19.8
n66	15	15	354500	39@19	CP_QPSK	21.36
n66	15	15	354500	1@1	CP_QPSK	21.11
n66	15	15	354500	1@77	CP_QPSK	21.2
n66	15	20	344000	100@0	DFT_BPSK	22.26
n66	15	20	344000	50@25	DFT_BPSK	22.68
n66	15	20	344000	1@1	DFT_BPSK	22.69
n66	15	20	344000	1@104	DFT_BPSK	22.82
n66	15	20	344000	100@0	DFT_QPSK	21.74
n66	15	20	344000	50@25	DFT_QPSK	22.75
n66	15	20	344000	1@1	DFT_QPSK	22.72
n66	15	20	344000	1@104	DFT_QPSK	22.78
n66	15	20	344000	100@0	DFT_16QAM	20.76
n66	15	20	344000	50@25	DFT_16QAM	21.76
n66	15	20	344000	1@1	DFT_16QAM	21.84
n66	15	20	344000	1@104	DFT_16QAM	22.06
n66	15	20	344000	100@0	DFT_64QAM	20.23
n66	15	20	344000	50@25	DFT_64QAM	20.26
n66	15	20	344000	1@1	DFT_64QAM	20.4
n66	15	20	344000	1@104	DFT_64QAM	20.62
n66	15	20	344000	100@0	DFT_256QAM	18.16
n66	15	20	344000	50@25	DFT_256QAM	18.21
n66	15	20	344000	1@1	DFT_256QAM	18.05
n66	15	20	344000	1@104	DFT_256QAM	18.31



n66	15	20	344000	106@0	CP_QPSK	19.77
n66	15	20	344000	53@26	CP_QPSK	21.31
n66	15	20	344000	1@1	CP_QPSK	21.14
n66	15	20	344000	1@104	CP_QPSK	21.36
n66	15	20	349000	100@0	DFT_BPSK	22.26
n66	15	20	349000	50@25	DFT_BPSK	22.71
n66	15	20	349000	1@1	DFT_BPSK	22.62
n66	15	20	349000	1@104	DFT_BPSK	22.7
n66	15	20	349000	100@0	DFT_QPSK	21.77
n66	15	20	349000	50@25	DFT_QPSK	22.7
n66	15	20	349000	1@1	DFT_QPSK	22.6
n66	15	20	349000	1@104	DFT_QPSK	22.66
n66	15	20	349000	100@0	DFT_16QAM	20.74
n66	15	20	349000	50@25	DFT_16QAM	21.79
n66	15	20	349000	1@1	DFT_16QAM	21.69
n66	15	20	349000	1@104	DFT_16QAM	21.82
n66	15	20	349000	100@0	DFT_64QAM	20.21
n66	15	20	349000	50@25	DFT_64QAM	20.23
n66	15	20	349000	1@1	DFT_64QAM	20.28
n66	15	20	349000	1@104	DFT_64QAM	20.42
n66	15	20	349000	100@0	DFT_256QAM	18.21
n66	15	20	349000	50@25	DFT_256QAM	18.18
n66	15	20	349000	1@1	DFT_256QAM	18.04
n66	15	20	349000	1@104	DFT_256QAM	18.12
n66	15	20	349000	106@0	CP_QPSK	19.75
n66	15	20	349000	53@26	CP_QPSK	21.27
n66	15	20	349000	1@1	CP_QPSK	21.05
n66	15	20	349000	1@104	CP_QPSK	21.14
n66	15	20	354000	100@0	DFT_BPSK	22.27
n66	15	20	354000	50@25	DFT_BPSK	22.74
n66	15	20	354000	1@1	DFT_BPSK	22.53
n66	15	20	354000	1@104	DFT_BPSK	22.77
n66	15	20	354000	100@0	DFT_QPSK	21.78
n66	15	20	354000	50@25	DFT_QPSK	22.76
n66	15	20	354000	1@1	DFT_QPSK	22.56
n66	15	20	354000	1@104	DFT_QPSK	22.71
n66	15	20	354000	100@0	DFT_16QAM	20.75
n66	15	20	354000	50@25	DFT_16QAM	21.82
n66	15	20	354000	1@1	DFT_16QAM	21.71
n66	15	20	354000	1@104	DFT_16QAM	22.04
n66	15	20	354000	100@0	DFT_64QAM	20.26
n66	15	20	354000	50@25	DFT_64QAM	20.3
n66	15	20	354000	1@1	DFT_64QAM	20.25
n66	15	20	354000	1@104	DFT_64QAM	20.61
n66	15	20	354000	100@0	DFT_256QAM	18.23
n66	15	20	354000	50@25	DFT_256QAM	18.19
n66	15	20	354000	1@1	DFT_256QAM	18.02
n66	15	20	354000	1@104	DFT_256QAM	18.23



n66	15	20	354000	106@0	CP_QPSK	19.81
n66	15	20	354000	53@26	CP_QPSK	21.3
n66	15	20	354000	1@1	CP_QPSK	21.09
n66	15	20	354000	1@104	CP_QPSK	21.25
n66	15	25	344500	128@0	DFT_BPSK	22.25
n66	15	25	344500	64@32	DFT_BPSK	22.73
n66	15	25	344500	1@1	DFT_BPSK	22.54
n66	15	25	344500	1@131	DFT_BPSK	22.74
n66	15	25	344500	128@0	DFT_QPSK	21.74
n66	15	25	344500	64@32	DFT_QPSK	22.72
n66	15	25	344500	1@1	DFT_QPSK	22.54
n66	15	25	344500	1@131	DFT_QPSK	22.69
n66	15	25	344500	128@0	DFT_16QAM	20.74
n66	15	25	344500	64@32	DFT_16QAM	21.74
n66	15	25	344500	1@1	DFT_16QAM	21.65
n66	15	25	344500	1@131	DFT_16QAM	21.96
n66	15	25	344500	128@0	DFT_64QAM	20.24
n66	15	25	344500	64@32	DFT_64QAM	20.27
n66	15	25	344500	1@1	DFT_64QAM	20.23
n66	15	25	344500	1@131	DFT_64QAM	20.55
n66	15	25	344500	128@0	DFT_256QAM	18.22
n66	15	25	344500	64@32	DFT_256QAM	18.23
n66	15	25	344500	1@1	DFT_256QAM	17.95
n66	15	25	344500	1@131	DFT_256QAM	18.23
n66	15	25	344500	133@0	CP_QPSK	19.71
n66	15	25	344500	67@33	CP_QPSK	21.27
n66	15	25	344500	1@1	CP_QPSK	21
n66	15	25	344500	1@131	CP_QPSK	21.28
n66	15	25	349000	128@0	DFT_BPSK	22.19
n66	15	25	349000	64@32	DFT_BPSK	22.64
n66	15	25	349000	1@1	DFT_BPSK	22.52
n66	15	25	349000	1@131	DFT_BPSK	22.62
n66	15	25	349000	128@0	DFT_QPSK	21.69
n66	15	25	349000	64@32	DFT_QPSK	22.6
n66	15	25	349000	1@1	DFT_QPSK	22.48
n66	15	25	349000	1@131	DFT_QPSK	22.59
n66	15	25	349000	128@0	DFT_16QAM	20.71
n66	15	25	349000	64@32	DFT_16QAM	21.64
n66	15	25	349000	1@1	DFT_16QAM	21.75
n66	15	25	349000	1@131	DFT_16QAM	21.81
n66	15	25	349000	128@0	DFT_64QAM	20.22
n66	15	25	349000	64@32	DFT_64QAM	20.25
n66	15	25	349000	1@1	DFT_64QAM	20.34
n66	15	25	349000	1@131	DFT_64QAM	20.35
n66	15	25	349000	128@0	DFT_256QAM	18.21
n66	15	25	349000	64@32	DFT_256QAM	18.16
n66	15	25	349000	1@1	DFT_256QAM	17.98
n66	15	25	349000	1@131	DFT_256QAM	18.01



n66	15	25	349000	133@0	CP_QPSK	19.65
n66	15	25	349000	67@33	CP_QPSK	21.22
n66	15	25	349000	1@1	CP_QPSK	21.03
n66	15	25	349000	1@131	CP_QPSK	21.07
n66	15	25	353500	128@0	DFT_BPSK	22.22
n66	15	25	353500	64@32	DFT_BPSK	22.67
n66	15	25	353500	1@1	DFT_BPSK	22.43
n66	15	25	353500	1@131	DFT_BPSK	22.72
n66	15	25	353500	128@0	DFT_QPSK	21.73
n66	15	25	353500	64@32	DFT_QPSK	22.7
n66	15	25	353500	1@1	DFT_QPSK	22.42
n66	15	25	353500	1@131	DFT_QPSK	22.67
n66	15	25	353500	128@0	DFT_16QAM	20.76
n66	15	25	353500	64@32	DFT_16QAM	21.67
n66	15	25	353500	1@1	DFT_16QAM	21.61
n66	15	25	353500	1@131	DFT_16QAM	21.94
n66	15	25	353500	128@0	DFT_64QAM	20.26
n66	15	25	353500	64@32	DFT_64QAM	20.26
n66	15	25	353500	1@1	DFT_64QAM	20.15
n66	15	25	353500	1@131	DFT_64QAM	20.51
n66	15	25	353500	128@0	DFT_256QAM	18.23
n66	15	25	353500	64@32	DFT_256QAM	18.16
n66	15	25	353500	1@1	DFT_256QAM	17.87
n66	15	25	353500	1@131	DFT_256QAM	18.18
n66	15	25	353500	133@0	CP_QPSK	19.68
n66	15	25	353500	67@33	CP_QPSK	21.22
n66	15	25	353500	1@1	CP_QPSK	20.95
n66	15	25	353500	1@131	CP_QPSK	21.16
n66	15	30	345000	160@0	DFT_BPSK	22.33
n66	15	30	345000	80@40	DFT_BPSK	22.78
n66	15	30	345000	1@1	DFT_BPSK	22.58
n66	15	30	345000	1@158	DFT_BPSK	22.76
n66	15	30	345000	160@0	DFT_QPSK	21.86
n66	15	30	345000	80@40	DFT_QPSK	22.76
n66	15	30	345000	1@1	DFT_QPSK	22.55
n66	15	30	345000	1@158	DFT_QPSK	22.76
n66	15	30	345000	160@0	DFT_16QAM	20.8
n66	15	30	345000	80@40	DFT_16QAM	21.84
n66	15	30	345000	1@1	DFT_16QAM	21.67
n66	15	30	345000	1@158	DFT_16QAM	22
n66	15	30	345000	160@0	DFT_64QAM	20.35
n66	15	30	345000	80@40	DFT_64QAM	20.35
n66	15	30	345000	1@1	DFT_64QAM	20.26
n66	15	30	345000	1@158	DFT_64QAM	20.63
n66	15	30	345000	160@0	DFT_256QAM	18.33
n66	15	30	345000	80@40	DFT_256QAM	18.26
n66	15	30	345000	1@1	DFT_256QAM	17.95
n66	15	30	345000	1@158	DFT_256QAM	18.29



n66	15	30	345000	160@0	CP_QPSK	19.8
n66	15	30	345000	80@40	CP_QPSK	21.33
n66	15	30	345000	1@1	CP_QPSK	21
n66	15	30	345000	1@158	CP_QPSK	21.32
n66	15	30	349000	160@0	DFT_BPSK	22.26
n66	15	30	349000	80@40	DFT_BPSK	22.7
n66	15	30	349000	1@1	DFT_BPSK	22.5
n66	15	30	349000	1@158	DFT_BPSK	22.71
n66	15	30	349000	160@0	DFT_QPSK	21.73
n66	15	30	349000	80@40	DFT_QPSK	22.67
n66	15	30	349000	1@1	DFT_QPSK	22.49
n66	15	30	349000	1@158	DFT_QPSK	22.65
n66	15	30	349000	160@0	DFT_16QAM	20.7
n66	15	30	349000	80@40	DFT_16QAM	21.78
n66	15	30	349000	1@1	DFT_16QAM	21.77
n66	15	30	349000	1@158	DFT_16QAM	21.86
n66	15	30	349000	160@0	DFT_64QAM	20.25
n66	15	30	349000	80@40	DFT_64QAM	20.31
n66	15	30	349000	1@1	DFT_64QAM	20.34
n66	15	30	349000	1@158	DFT_64QAM	20.44
n66	15	30	349000	160@0	DFT_256QAM	18.25
n66	15	30	349000	80@40	DFT_256QAM	18.18
n66	15	30	349000	1@1	DFT_256QAM	18.09
n66	15	30	349000	1@158	DFT_256QAM	18.17
n66	15	30	349000	160@0	CP_QPSK	19.75
n66	15	30	349000	80@40	CP_QPSK	21.23
n66	15	30	349000	1@1	CP_QPSK	21.07
n66	15	30	349000	1@158	CP_QPSK	21.15
n66	15	30	353000	160@0	DFT_BPSK	22.23
n66	15	30	353000	80@40	DFT_BPSK	22.7
n66	15	30	353000	1@1	DFT_BPSK	22.5
n66	15	30	353000	1@158	DFT_BPSK	22.76
n66	15	30	353000	160@0	DFT_QPSK	21.77
n66	15	30	353000	80@40	DFT_QPSK	22.72
n66	15	30	353000	1@1	DFT_QPSK	22.48
n66	15	30	353000	1@158	DFT_QPSK	22.73
n66	15	30	353000	160@0	DFT_16QAM	20.77
n66	15	30	353000	80@40	DFT_16QAM	21.77
n66	15	30	353000	1@1	DFT_16QAM	21.62
n66	15	30	353000	1@158	DFT_16QAM	22
n66	15	30	353000	160@0	DFT_64QAM	20.24
n66	15	30	353000	80@40	DFT_64QAM	20.26
n66	15	30	353000	1@1	DFT_64QAM	20.25
n66	15	30	353000	1@158	DFT_64QAM	20.62
n66	15	30	353000	160@0	DFT_256QAM	18.24
n66	15	30	353000	80@40	DFT_256QAM	18.18
n66	15	30	353000	1@1	DFT_256QAM	17.92
n66	15	30	353000	1@158	DFT_256QAM	18.25



n66	15	30	353000	160@0	CP_QPSK	19.75
n66	15	30	353000	80@40	CP_QPSK	21.19
n66	15	30	353000	1@1	CP_QPSK	20.95
n66	15	30	353000	1@158	CP_QPSK	21.19
n66	15	40	346000	216@0	DFT_BPSK	22.25
n66	15	40	346000	108@54	DFT_BPSK	22.79
n66	15	40	346000	1@1	DFT_BPSK	22.49
n66	15	40	346000	1@214	DFT_BPSK	22.79
n66	15	40	346000	216@0	DFT_QPSK	21.83
n66	15	40	346000	108@54	DFT_QPSK	22.82
n66	15	40	346000	1@1	DFT_QPSK	22.5
n66	15	40	346000	1@214	DFT_QPSK	22.75
n66	15	40	346000	216@0	DFT_16QAM	20.79
n66	15	40	346000	108@54	DFT_16QAM	21.88
n66	15	40	346000	1@1	DFT_16QAM	21.62
n66	15	40	346000	1@214	DFT_16QAM	21.93
n66	15	40	346000	216@0	DFT_64QAM	20.32
n66	15	40	346000	108@54	DFT_64QAM	20.36
n66	15	40	346000	1@1	DFT_64QAM	20.19
n66	15	40	346000	1@214	DFT_64QAM	20.48
n66	15	40	346000	216@0	DFT_256QAM	18.3
n66	15	40	346000	108@54	DFT_256QAM	18.29
n66	15	40	346000	1@1	DFT_256QAM	17.9
n66	15	40	346000	1@214	DFT_256QAM	18.21
n66	15	40	346000	216@0	CP_QPSK	19.81
n66	15	40	346000	108@54	CP_QPSK	21.33
n66	15	40	346000	1@1	CP_QPSK	20.92
n66	15	40	346000	1@214	CP_QPSK	21.27
n66	15	40	349000	216@0	DFT_BPSK	22.24
n66	15	40	349000	108@54	DFT_BPSK	22.7
n66	15	40	349000	1@1	DFT_BPSK	22.46
n66	15	40	349000	1@214	DFT_BPSK	22.73
n66	15	40	349000	216@0	DFT_QPSK	21.76
n66	15	40	349000	108@54	DFT_QPSK	22.69
n66	15	40	349000	1@1	DFT_QPSK	22.45
n66	15	40	349000	1@214	DFT_QPSK	22.75
n66	15	40	349000	216@0	DFT_16QAM	20.76
n66	15	40	349000	108@54	DFT_16QAM	21.78
n66	15	40	349000	1@1	DFT_16QAM	21.59
n66	15	40	349000	1@214	DFT_16QAM	21.89
n66	15	40	349000	216@0	DFT_64QAM	20.26
n66	15	40	349000	108@54	DFT_64QAM	20.25
n66	15	40	349000	1@1	DFT_64QAM	20.16
n66	15	40	349000	1@214	DFT_64QAM	20.47
n66	15	40	349000	216@0	DFT_256QAM	18.23
n66	15	40	349000	108@54	DFT_256QAM	18.23
n66	15	40	349000	1@1	DFT_256QAM	17.87
n66	15	40	349000	1@214	DFT_256QAM	18.15



n66	15	40	349000	216@0	CP_QPSK	19.74
n66	15	40	349000	108@54	CP_QPSK	21.24
n66	15	40	349000	1@1	CP_QPSK	20.92
n66	15	40	349000	1@214	CP_QPSK	21.23
n66	15	40	352000	216@0	DFT_BPSK	22.2
n66	15	40	352000	108@54	DFT_BPSK	22.68
n66	15	40	352000	1@1	DFT_BPSK	22.42
n66	15	40	352000	1@214	DFT_BPSK	22.82
n66	15	40	352000	216@0	DFT_QPSK	21.73
n66	15	40	352000	108@54	DFT_QPSK	22.71
n66	15	40	352000	1@1	DFT_QPSK	22.41
n66	15	40	352000	1@214	DFT_QPSK	22.75
n66	15	40	352000	216@0	DFT_16QAM	20.72
n66	15	40	352000	108@54	DFT_16QAM	21.77
n66	15	40	352000	1@1	DFT_16QAM	21.64
n66	15	40	352000	1@214	DFT_16QAM	22.06
n66	15	40	352000	216@0	DFT_64QAM	20.23
n66	15	40	352000	108@54	DFT_64QAM	20.25
n66	15	40	352000	1@1	DFT_64QAM	20.23
n66	15	40	352000	1@214	DFT_64QAM	20.59
n66	15	40	352000	216@0	DFT_256QAM	18.2
n66	15	40	352000	108@54	DFT_256QAM	18.19
n66	15	40	352000	1@1	DFT_256QAM	17.95
n66	15	40	352000	1@214	DFT_256QAM	18.24
n66	15	40	352000	216@0	CP_QPSK	19.69
n66	15	40	352000	108@54	CP_QPSK	21.25
n66	15	40	352000	1@1	CP_QPSK	21.01
n66	15	40	352000	1@214	CP_QPSK	21.23



NSA LTE Power receiver
ANT 4

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.09	22.75	22.68
1.4	1	2		23.05	22.77	22.69
1.4	1	5		23.04	22.77	22.65
1.4	3	0		22.99	22.61	22.68
1.4	3	1		22.96	22.64	22.66
1.4	3	2		23.00	22.64	22.68
1.4	6	0		21.95	21.67	21.71
1.4	1	0	16-QAM	21.96	21.87	21.94
1.4	1	2		21.96	21.89	21.91
1.4	1	5		21.95	21.91	21.90
1.4	3	0		22.16	21.84	21.92
1.4	3	1		22.12	21.79	21.90
1.4	3	2		22.16	21.81	21.92
1.4	6	0		21.31	20.89	20.94
3	1	0	QPSK	23.03	22.66	22.78
3	1	7		23.06	22.71	22.80
3	1	14		22.98	22.71	22.76
3	8	0		22.00	21.67	21.72
3	8	4		21.99	21.69	21.72
3	8	7		22.02	21.73	21.70
3	15	0		22.01	21.70	21.74
3	1	0	16-QAM	22.49	21.90	21.70
3	1	7		22.55	21.92	21.67
3	1	14		22.49	21.90	21.60
3	8	0		21.13	20.78	20.81
3	8	4		21.17	20.77	20.77
3	8	7		21.14	20.79	20.78
3	15	0		21.16	20.70	20.85



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.06	22.77	22.83
5	1	12		23.07	22.84	22.85
5	1	24		22.98	22.87	22.81
5	12	0		22.04	21.72	21.81
5	12	6		22.00	21.71	21.79
5	12	11		22.01	21.73	21.75
5	25	0		22.08	21.77	21.82
5	1	0	16-QAM	22.48	22.31	22.27
5	1	12		22.52	22.36	22.29
5	1	24		22.40	22.37	22.28
5	12	0		21.19	20.82	20.84
5	12	6		21.18	20.79	20.80
5	12	11		21.14	20.82	20.79
5	25	0		21.09	20.79	20.87
10	1	0	QPSK	23.12	22.78	22.91
10	1	24		23.07	22.79	22.91
10	1	49		22.93	22.87	22.82
10	25	0		22.02	21.77	21.83
10	25	12		22.04	21.79	21.84
10	25	24		22.04	21.83	21.83
10	50	0		22.03	21.81	21.85
10	1	0	16-QAM	22.57	21.93	21.77
10	1	24		22.51	21.99	21.75
10	1	49		22.39	22.08	21.70
10	25	0		21.11	20.77	20.88
10	25	12		21.07	20.79	20.89
10	25	24		21.04	20.82	20.84
10	50	0		21.03	20.86	20.85



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.09	22.86	22.84
15	1	37		22.98	22.90	22.92
15	1	74		22.82	22.97	22.81
15	36	0		21.98	21.75	21.82
15	36	18		21.94	21.76	21.82
15	36	39		21.88	21.83	21.84
15	75	0		21.97	21.82	21.87
15	1	0	16-QAM	22.32	21.88	22.24
15	1	38		22.26	21.98	22.36
15	1	75		22.04	22.00	22.26
15	36	0		21.06	20.73	20.94
15	36	18		21.05	20.76	20.96
15	36	39		20.94	20.82	20.91
15	75	0		20.96	20.87	20.92
20	1	0	QPSK	23.18	22.80	22.79
20	1	49		23.04	22.85	22.95
20	1	99		22.93	22.95	22.92
20	50	0		21.99	21.79	21.87
20	50	24		21.96	21.80	21.91
20	50	49		21.88	21.91	21.95
20	100	0		21.91	21.85	21.91
20	1	0	16-QAM	22.35	22.14	22.18
20	1	49		22.23	22.13	22.45
20	1	99		22.12	22.23	22.21
20	50	0		20.95	20.81	21.00
20	50	24		20.92	20.88	21.04
20	50	49		20.87	20.96	21.02
20	100	0		20.91	20.85	20.95



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	14.57	13.90	13.58
5	1	12		14.36	14.07	13.50
5	1	24		14.24	13.99	13.47
5	12	0		13.45	12.93	12.62
5	12	6		13.38	12.98	12.57
5	12	11		13.31	12.98	12.61
5	25	0		13.38	12.94	12.60
5	1	0	16-QAM	14.01	13.28	12.69
5	1	12		13.98	13.36	12.73
5	1	24		13.95	13.36	12.71
5	12	0		12.58	11.88	11.50
5	12	6		12.52	11.87	11.51
5	12	11		12.54	11.90	11.52
5	25	0		12.50	11.98	11.43
10	1	0	QPSK	14.52	13.88	13.40
10	1	24		14.47	13.95	13.38
10	1	49		14.34	13.97	13.43
10	25	0		13.51	12.90	12.42
10	25	12		13.49	12.93	12.43
10	25	24		13.46	12.95	12.44
10	50	0		13.46	12.92	12.46
10	1	0	16-QAM	13.52	13.25	12.57
10	1	24		13.41	13.38	12.60
10	1	49		13.27	13.35	12.67
10	25	0		12.52	11.93	11.45
10	25	12		12.46	11.89	11.42
10	25	24		12.43	11.92	11.49
10	50	0		12.44	11.90	11.49



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	14.57	13.87	13.65
15	1	37		14.48	13.98	13.54
15	1	74		14.28	13.96	13.63
15	36	0		13.48	12.90	12.54
15	36	18		13.37	12.94	12.44
15	36	39		13.30	12.94	12.50
15	75	0		13.44	12.90	12.51
15	1	0	16-QAM	13.90	13.06	12.74
15	1	38		13.81	13.20	12.67
15	1	75		13.64	13.15	12.65
15	36	0		12.54	11.95	11.50
15	36	18		12.45	11.98	11.44
15	36	39		12.42	12.02	11.51
15	75	0		12.46	11.94	11.58
20	1	0	QPSK	14.67	13.89	13.43
20	1	49		14.67	13.97	13.47
20	1	99		14.56	14.05	13.36
20	50	0		13.56	12.87	12.45
20	50	24		13.53	12.87	12.43
20	50	49		13.53	12.89	12.44
20	100	0		13.56	12.94	12.49
20	1	0	16-QAM	13.91	13.07	12.97
20	1	49		13.80	13.22	12.80
20	1	99		13.68	13.17	12.90
20	50	0		12.54	11.92	11.66
20	50	24		12.45	11.98	11.58
20	50	49		12.38	11.96	11.60
20	100	0		12.42	11.96	11.61



LTE Band 30 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	15.57	15.48	15.50
5	1	12		15.50	15.51	15.42
5	1	24		15.56	15.48	15.49
5	12	0		14.48	14.47	14.51
5	12	6		14.49	14.52	14.52
5	12	11		14.50	14.53	14.51
5	25	0		14.57	14.58	14.56
5	1	0	16-QAM	14.87	14.81	14.83
5	1	12		14.94	14.83	14.80
5	1	24		15.06	14.85	14.89
5	12	0		13.48	13.48	13.62
5	12	6		13.57	13.53	13.59
5	12	11		13.55	13.54	13.61
5	25	0		13.48	13.58	13.56
10	1	0	QPSK	/	15.40	/
10	1	24		/	15.43	/
10	1	49		/	15.60	/
10	25	0		/	14.44	/
10	25	12		/	14.43	/
10	25	24		/	14.58	/
10	50	0		/	14.49	/
10	1	0	16-QAM	/	14.58	/
10	1	24		/	14.61	/
10	1	49		/	14.74	/
10	25	0		/	13.44	/
10	25	12		/	13.45	/
10	25	24		/	13.51	/
10	50	0		/	13.51	/



ANT 4

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.95	22.73	22.84
1.4	1	2		22.93	22.74	22.85
1.4	1	5		22.90	22.70	22.85
1.4	3	0		22.91	22.65	22.77
1.4	3	1		22.89	22.60	22.72
1.4	3	2		22.94	22.65	22.82
1.4	6	0		21.94	21.62	21.79
1.4	1	0	16-QAM	22.20	21.60	21.99
1.4	1	2		22.13	21.59	21.96
1.4	1	5		22.19	21.63	22.00
1.4	3	0		22.13	21.79	21.99
1.4	3	1		22.18	21.78	21.97
1.4	3	2		22.16	21.79	21.96
1.4	6	0		21.23	20.90	21.09
3	1	0	QPSK	22.92	22.68	22.73
3	1	7		22.85	22.74	22.83
3	1	14		22.82	22.74	22.81
3	8	0		21.89	21.64	21.79
3	8	4		21.88	21.59	21.77
3	8	7		21.88	21.62	21.81
3	15	0		21.87	21.64	21.76
3	1	0	16-QAM	22.19	21.61	22.17
3	1	7		22.08	21.59	22.22
3	1	14		22.08	21.62	22.26
3	8	0		21.08	20.71	20.89
3	8	4		21.04	20.68	20.88
3	8	7		21.04	20.71	20.91
3	15	0		21.00	20.75	20.89



LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.03	22.72	22.82
5	1	12		22.96	22.76	22.98
5	1	24		22.89	22.73	22.95
5	12	0		21.91	21.70	21.80
5	12	6		21.88	21.67	21.77
5	12	11		21.88	21.71	21.84
5	25	0		21.98	21.71	21.85
5	1	0	16-QAM	22.42	22.05	22.28
5	1	12		22.35	22.12	22.36
5	1	24		22.31	22.11	22.45
5	12	0		21.04	20.81	20.87
5	12	6		21.01	20.83	20.86
5	12	11		21.02	20.81	20.93
5	25	0		21.09	20.75	20.85
10	1	0	QPSK	23.05	22.83	22.63
10	1	24		22.82	22.78	22.67
10	1	49		22.78	22.87	22.93
10	25	0		21.89	21.71	21.68
10	25	12		21.82	21.66	21.68
10	25	24		21.80	21.75	21.83
10	50	0		21.87	21.73	21.75
10	1	0	16-QAM	22.26	21.66	22.08
10	1	24		22.04	21.63	22.12
10	1	49		21.99	21.72	22.41
10	25	0		20.96	20.73	20.75
10	25	12		20.94	20.72	20.79
10	25	24		20.88	20.76	20.88
10	50	0		21.00	20.71	20.78



LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.04	22.77	22.54
15	1	37		22.78	22.85	22.72
15	1	74		22.74	22.82	22.95
15	36	0		21.85	21.69	21.57
15	36	18		21.79	21.68	21.66
15	36	39		21.73	21.73	21.80
15	75	0		21.81	21.74	21.69
15	1	0	16-QAM	22.27	21.83	22.03
15	1	38		22.03	21.93	22.19
15	1	75		22.00	21.85	22.45
15	36	0		21.02	20.73	20.70
15	36	18		20.93	20.74	20.77
15	36	39		20.90	20.74	20.88
15	75	0		20.89	20.84	20.78
20	1	0	QPSK	23.05	22.70	22.61
20	1	49		22.74	22.78	22.69
20	1	99		22.75	22.81	23.06
20	50	0		21.82	21.74	21.56
20	50	24		21.78	21.79	21.64
20	50	49		21.72	21.79	21.73
20	100	0		21.78	21.80	21.65
20	1	0	16-QAM	22.40	22.16	21.84
20	1	49		22.10	22.27	21.90
20	1	99		22.09	22.19	22.23
20	50	0		20.95	20.81	20.63
20	50	24		20.88	20.87	20.69
20	50	49		20.80	20.87	20.79
20	100	0		20.83	20.77	20.70

11. EUT and Test Setup Photo

11.1 EUT Photos

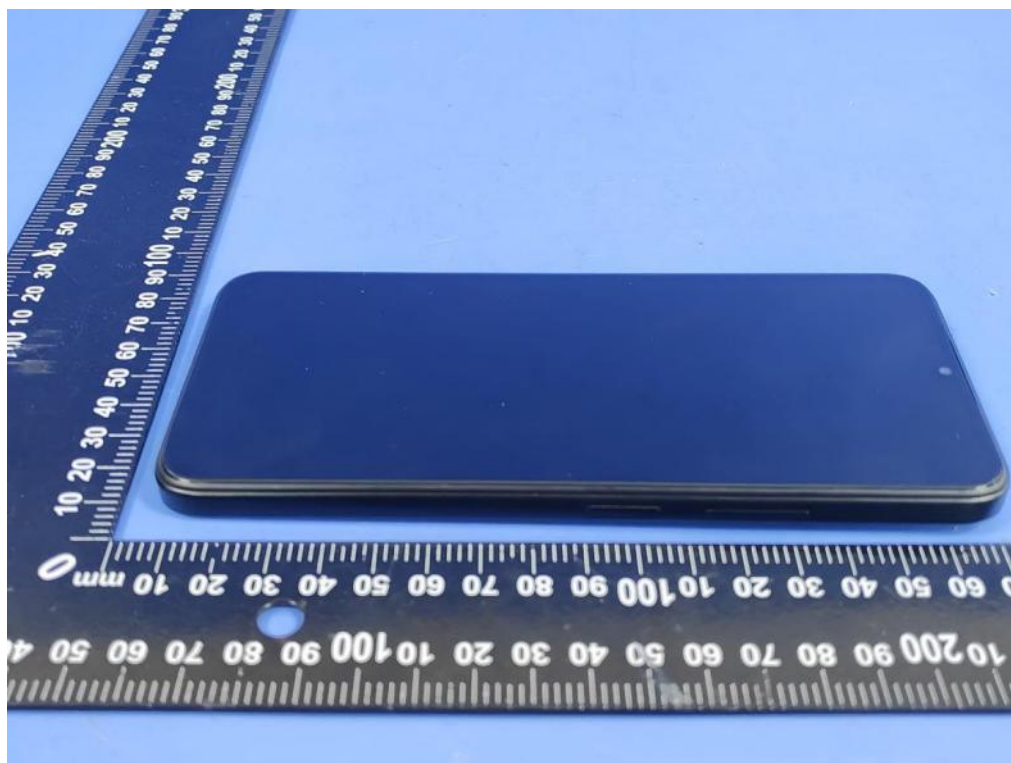
Front side



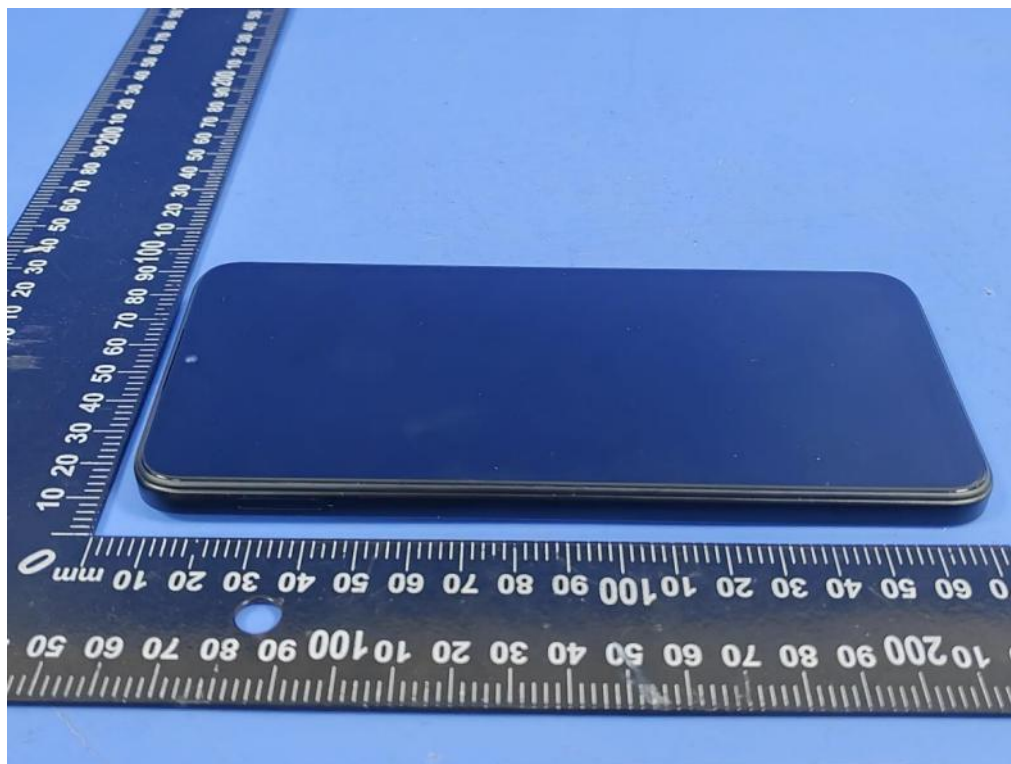
Back side



Right Edge



Left Edge

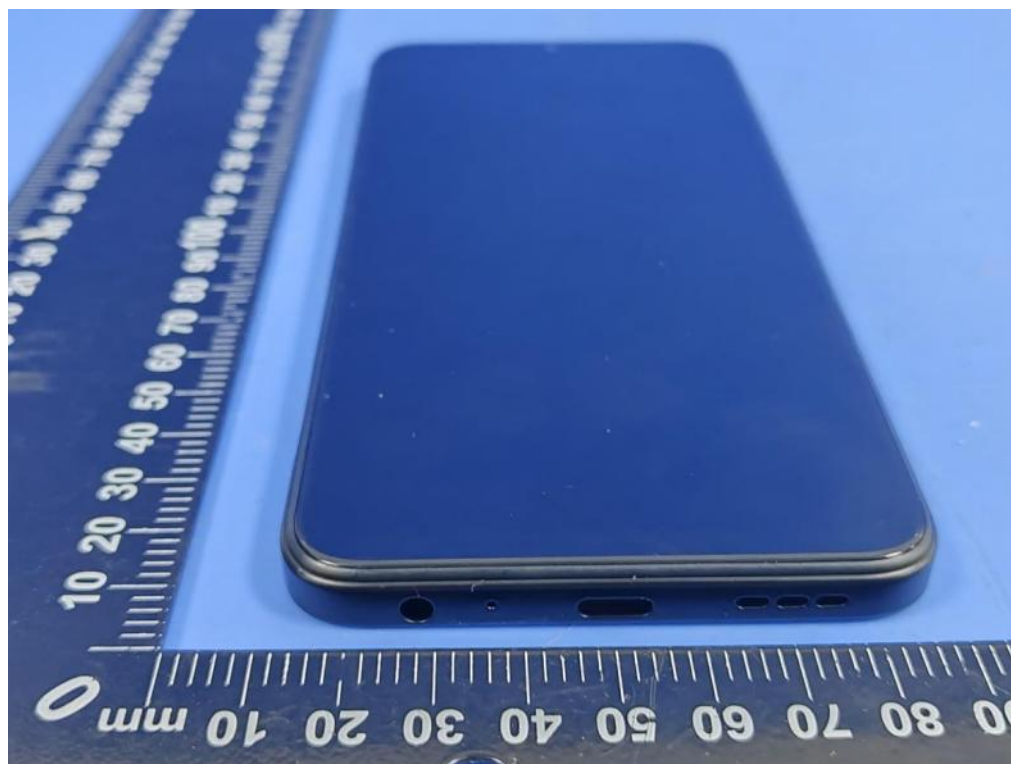




Top Edge



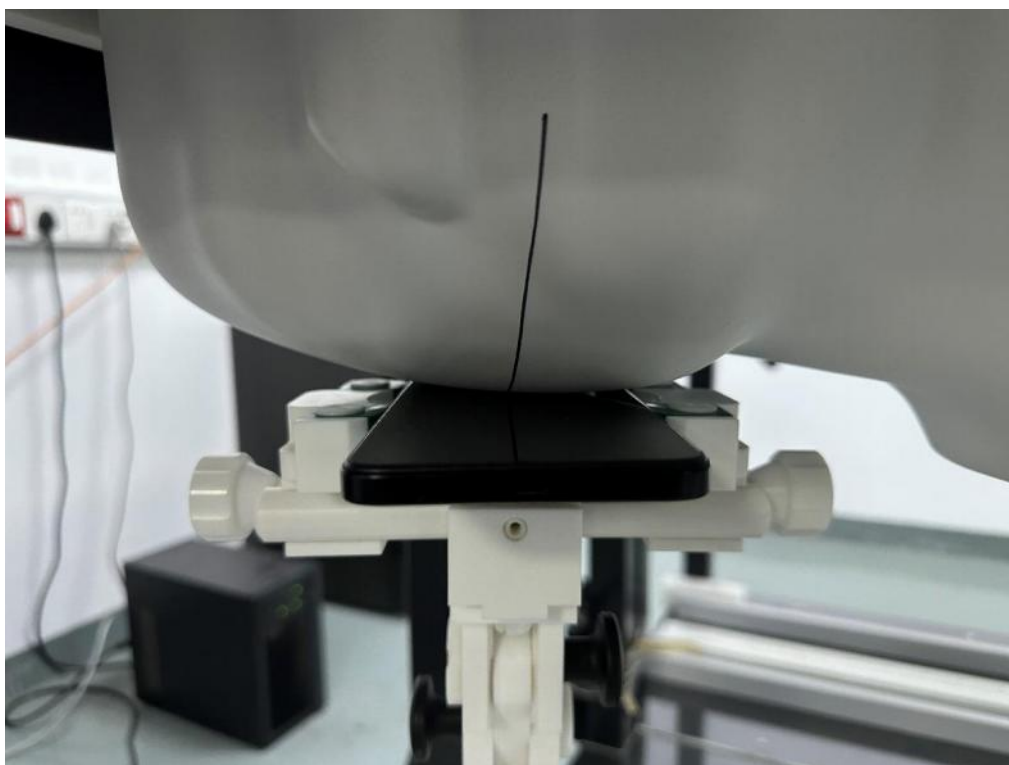
Bottom Edge



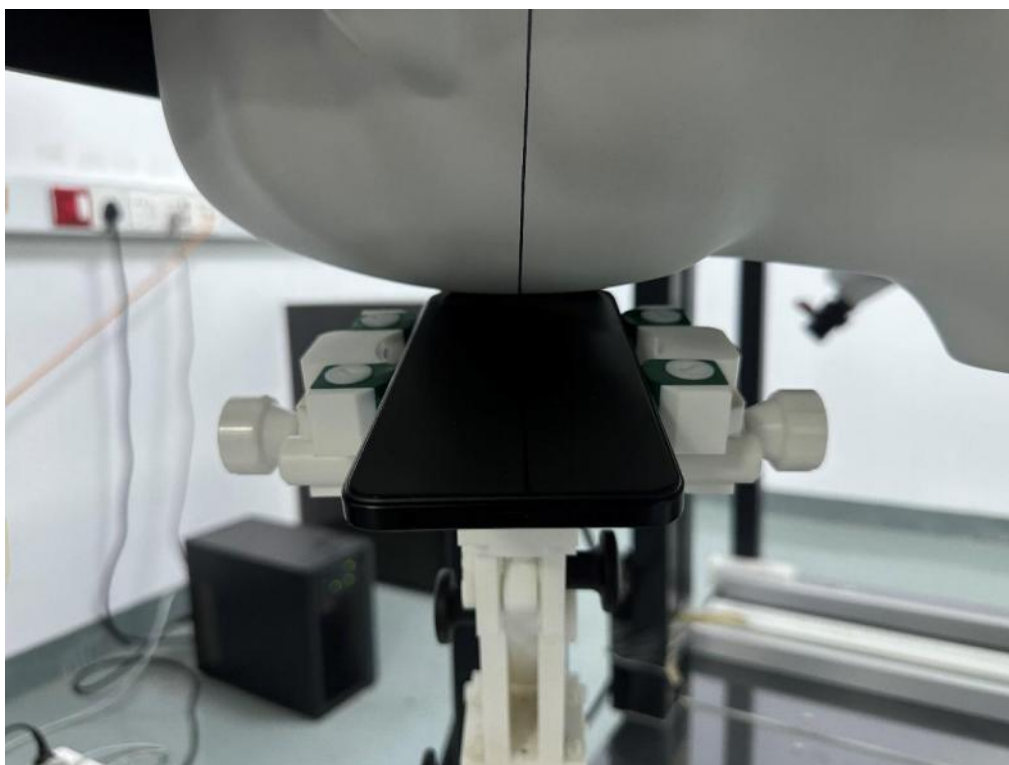


11.2 Setup Photos

Right Touch

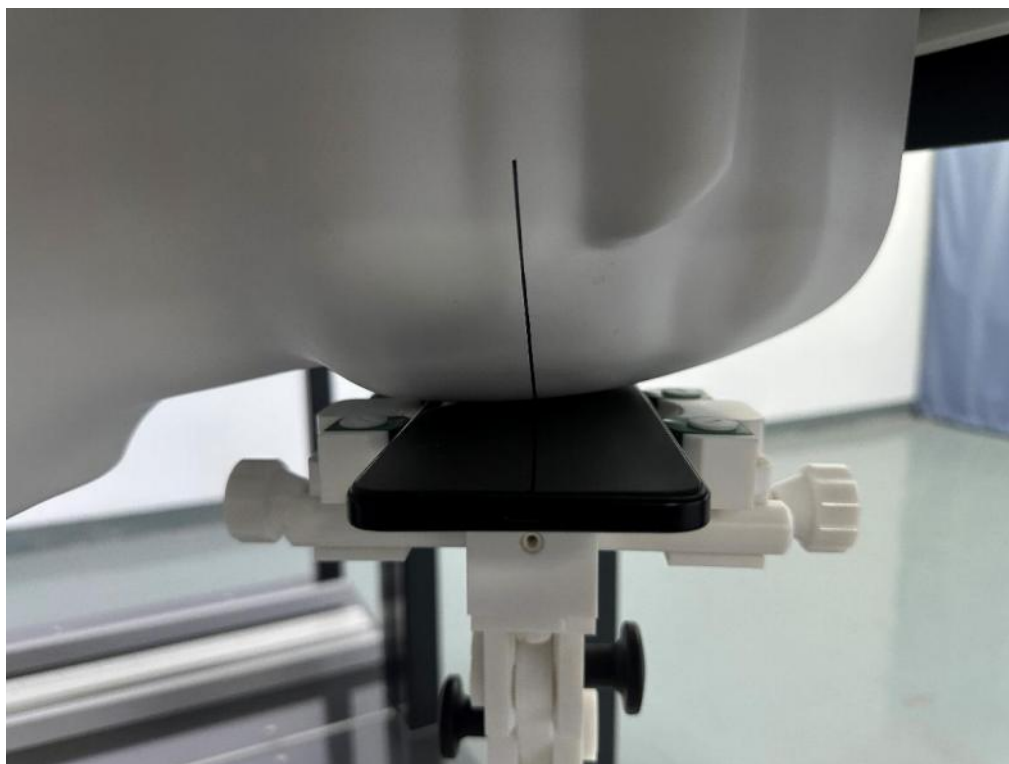


Right Tilt

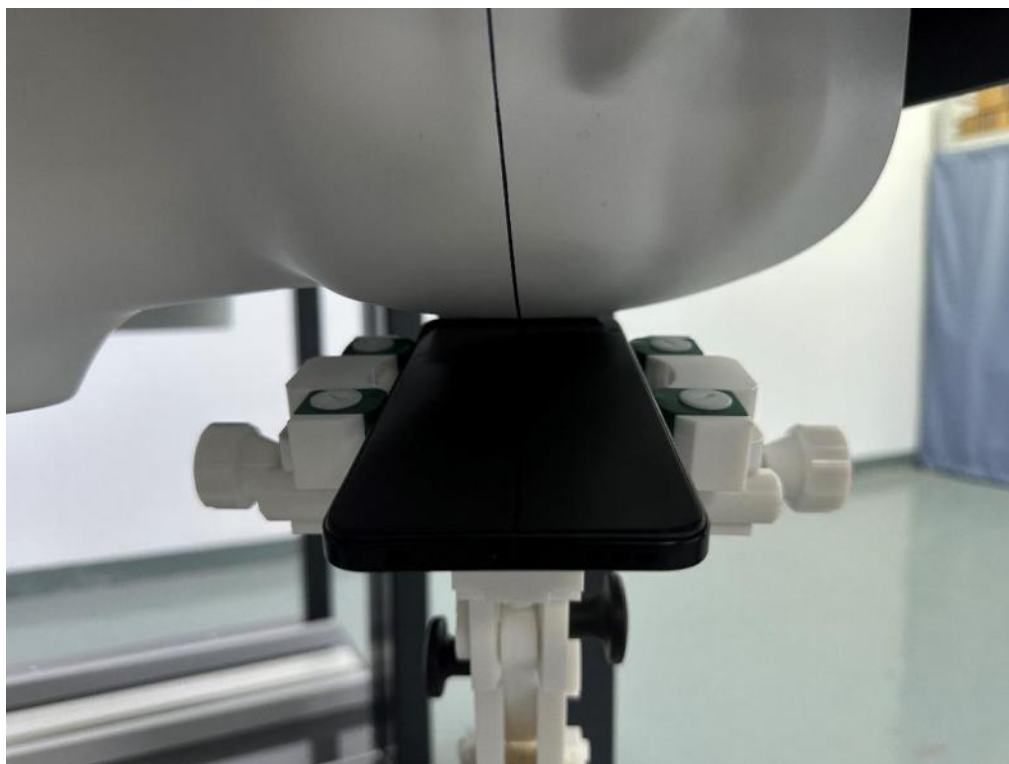




Left Touch



Left Tilt

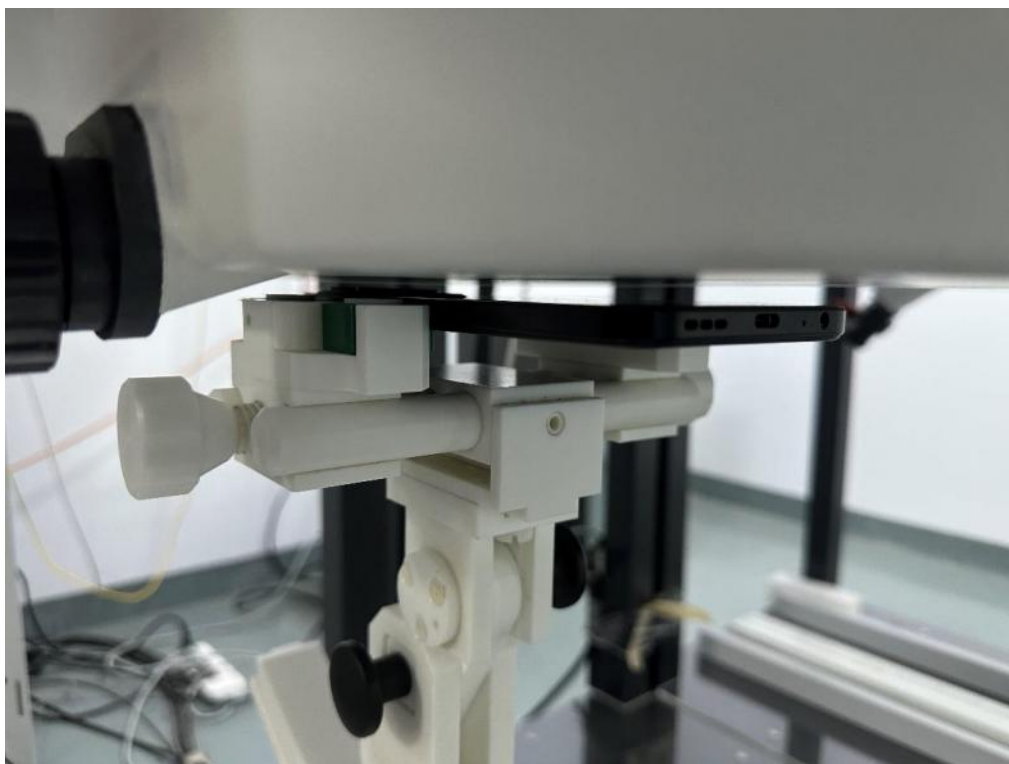




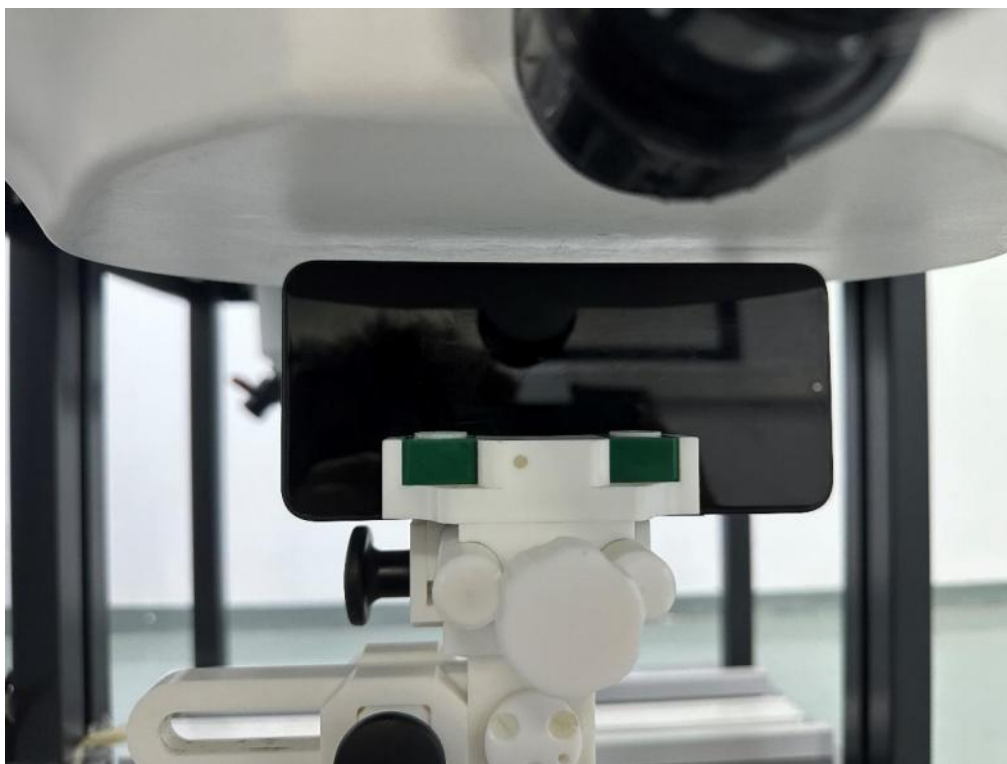
Body Front side (separation distance is 5mm)



Body Back side (separation distance is 5mm)



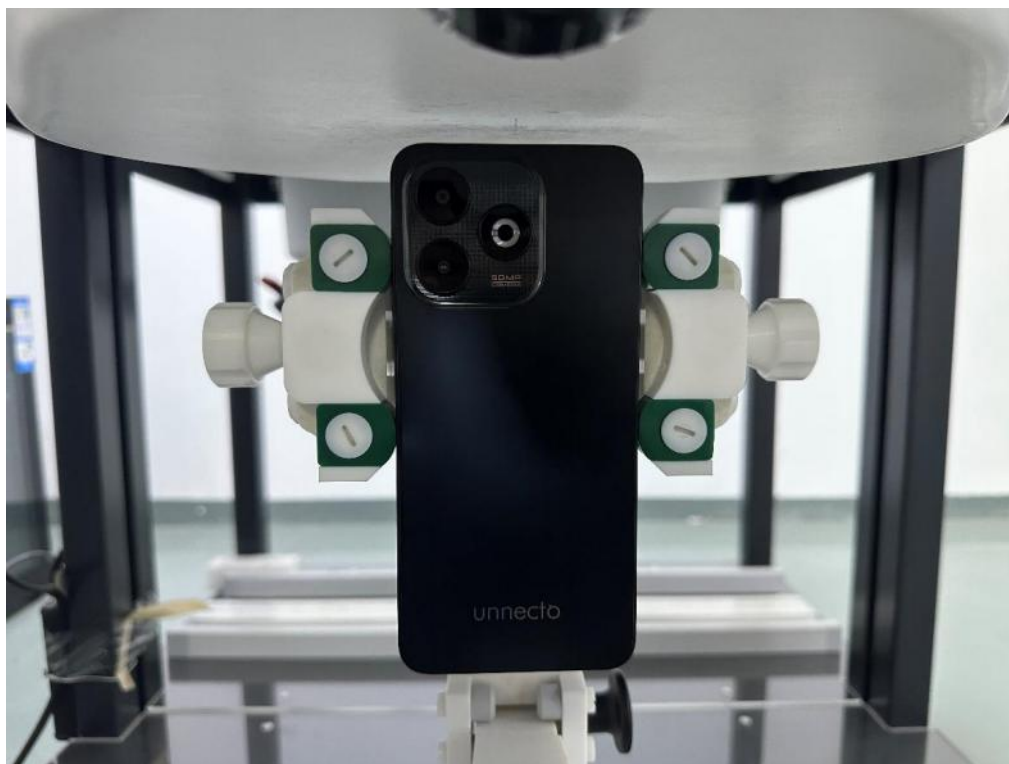
Body Left side (separation distance is 5mm)



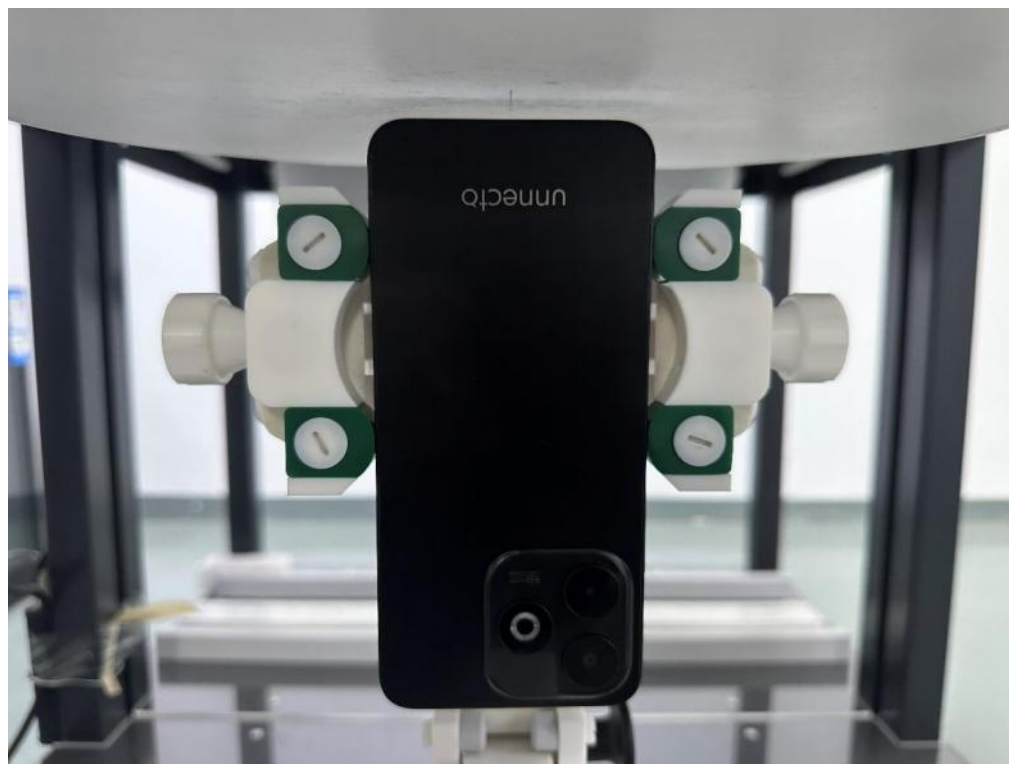
Body Right side (separation distance is 5mm)



Body Bottom side (separation distance is 5mm)



Body Top side (separation distance is 5mm)





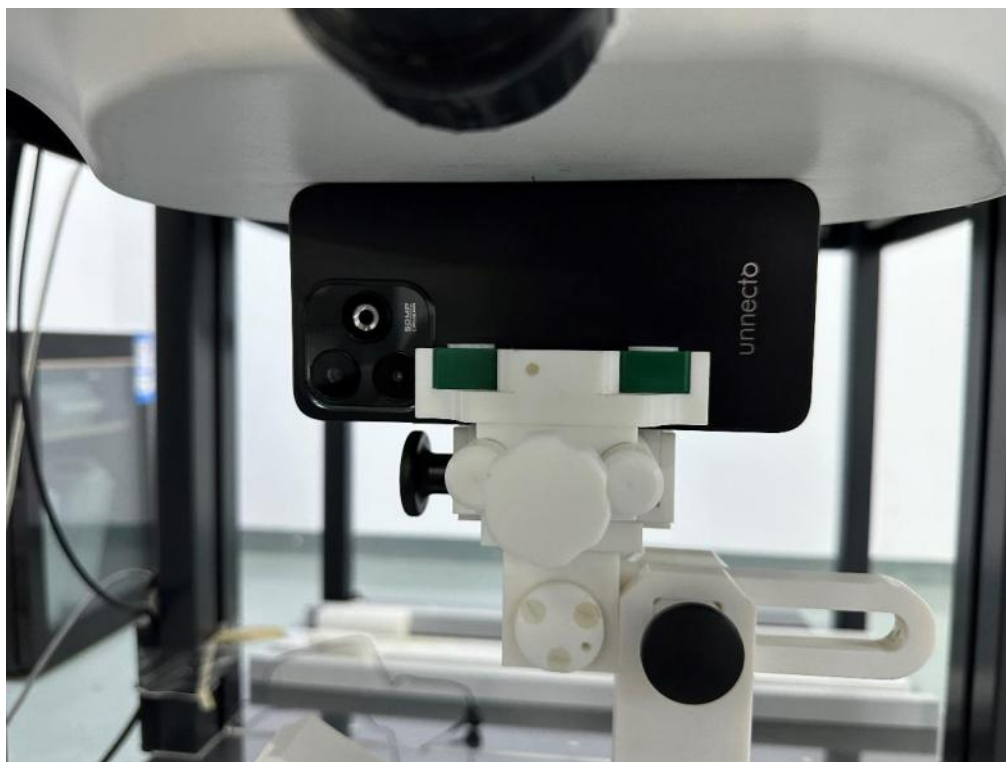
Body Front side (separation distance is 0mm)



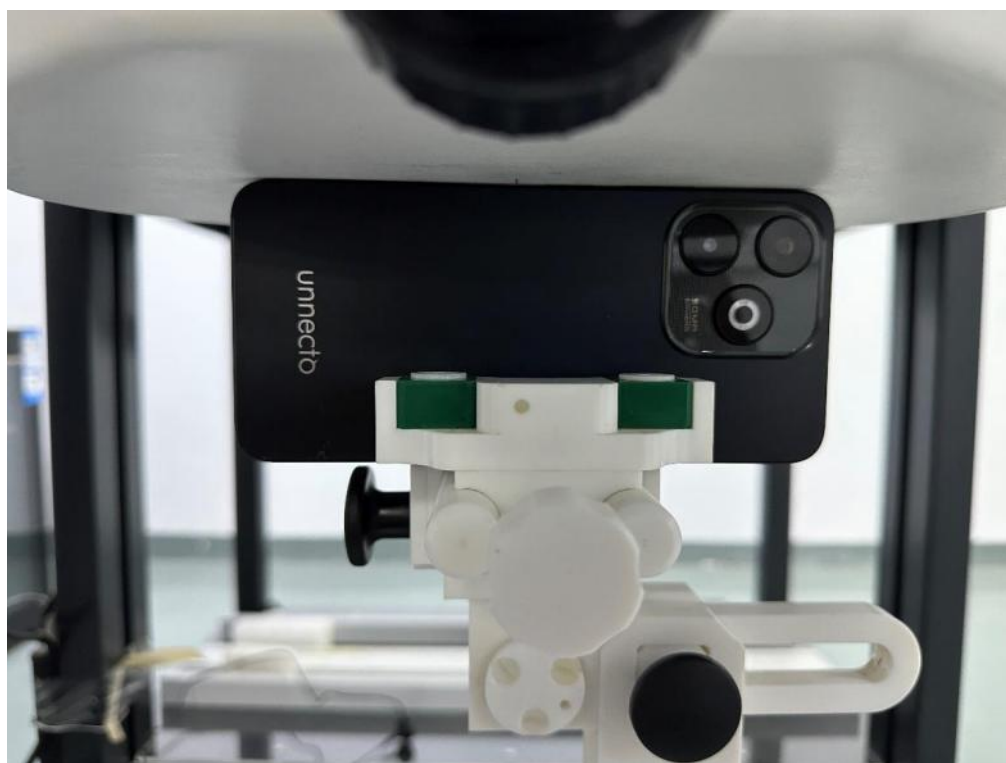
Body Back side (separation distance is 0mm)



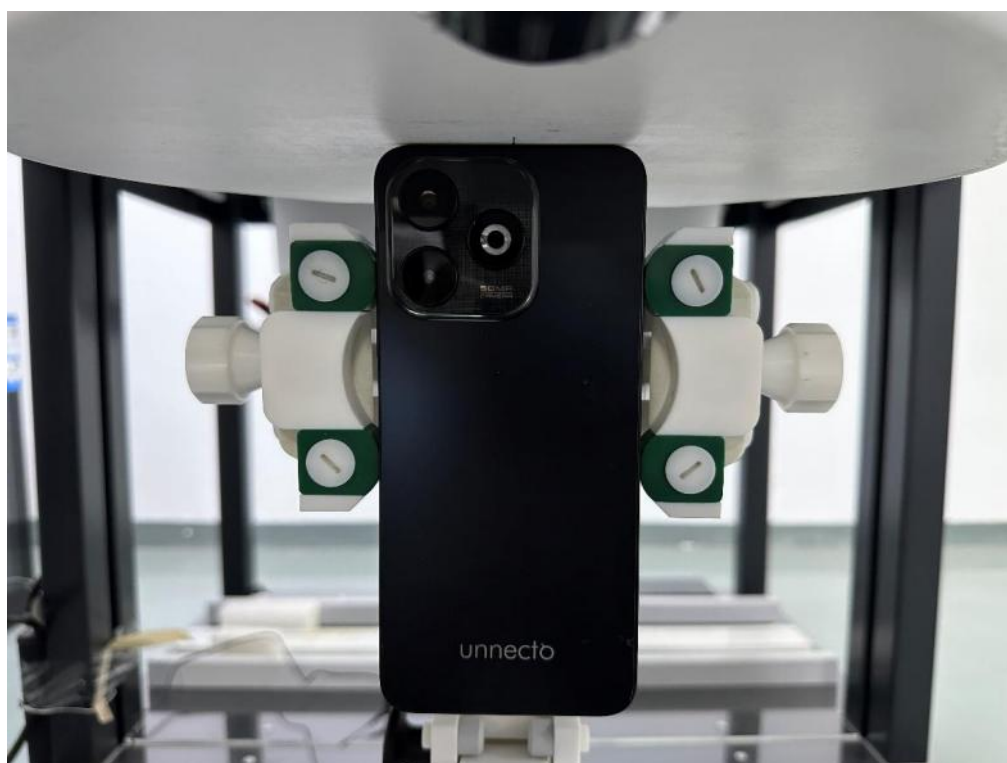
Body Left side (separation distance is 0mm)



Body Right side (separation distance is 0mm)



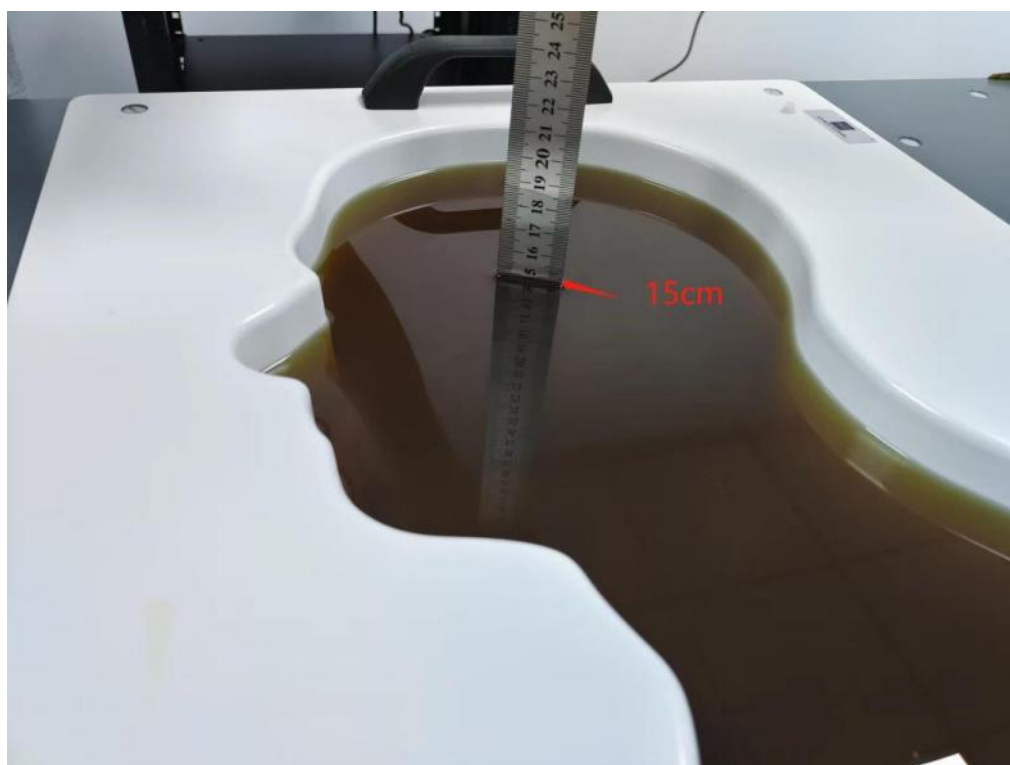
Body Bottom side (separation distance is 0mm)



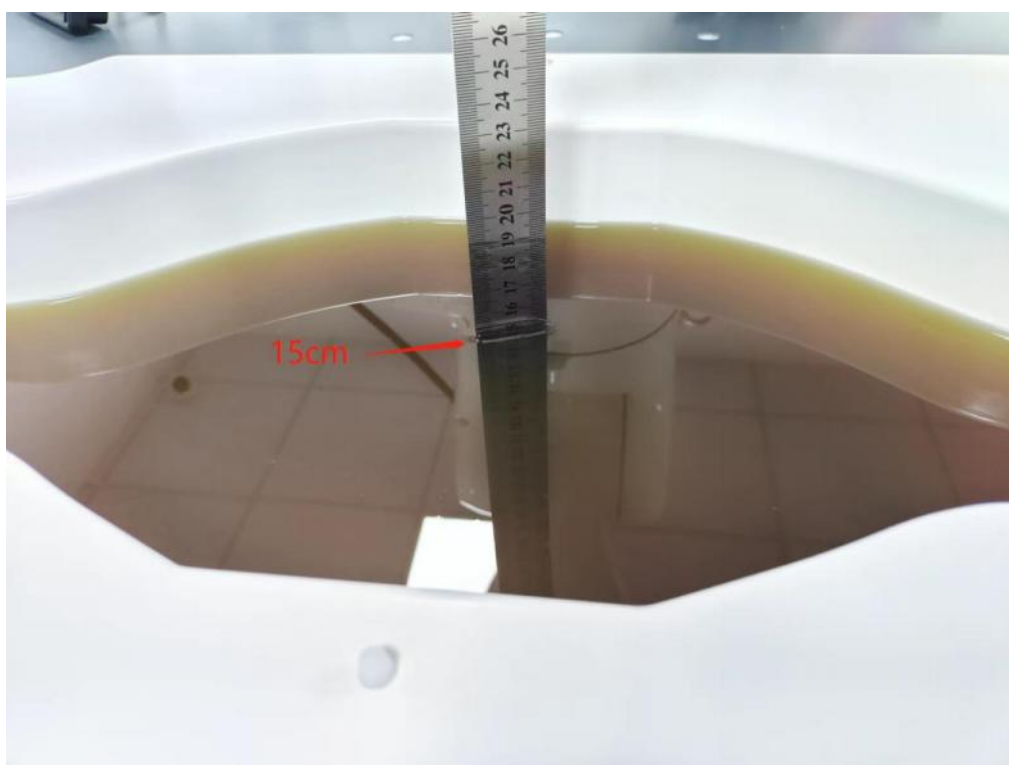
Body Top side (separation distance is 0mm)



Liquid depth (15 cm)



Liquid depth (15 cm)





12. SAR Result Summary

12.1 Head SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	GSM	Right Cheek	836.6	0.283	0.86	35.00	34.57	1.104	0.312	/
		Right Tilt	836.6	0.271	1.05	35.00	34.57	1.104	0.299	/
		Left Cheek	836.6	0.296	2.22	35.00	34.57	1.104	0.327	1
		Left Tilt	836.6	0.282	-3.76	35.00	34.57	1.104	0.311	/
PCS 1900	GSM	Right Cheek	1850.2	0.265	-1.07	26.50	26.34	1.038	0.275	/
		Right Tilt	1850.2	0.254	-2.23	26.50	26.34	1.038	0.264	/
		Left Cheek	1850.2	0.276	1.63	26.50	26.34	1.038	0.286	2
		Left Tilt	1850.2	0.265	0.51	26.50	26.34	1.038	0.275	/
WCDMA Band II	RMC	Right Cheek	1907.6	0.356	2.95	17.00	16.86	1.033	0.368	/
		Right Tilt	1907.6	0.344	2.26	17.00	16.86	1.033	0.355	/
		Left Cheek	1907.6	0.370	-2.02	17.00	16.86	1.033	0.382	3
		Left Tilt	1907.6	0.355	-1.98	17.00	16.86	1.033	0.367	/
WCDMA Band IV	RMC	Right Cheek	1712.6	0.45	-1.08	17.00	16.88	1.028	0.463	/
		Right Tilt	1712.6	0.43	3.34	17.00	16.88	1.028	0.442	/
		Left Cheek	1712.6	0.471	-0.09	17.00	16.88	1.028	0.484	4
		Left Tilt	1712.6	0.451	0.50	17.00	16.88	1.028	0.464	/
WCDMA Band V	RMC	Right Cheek	826.4	0.159	-0.81	25.50	25.17	1.079	0.172	/
		Right Tilt	826.4	0.150	-3.87	25.50	25.17	1.079	0.162	/
		Left Cheek	826.4	0.165	2.81	25.50	25.17	1.079	0.178	5
		Left Tilt	826.4	0.159	3.39	25.50	25.17	1.079	0.172	/
2.4G WLAN	802.11b	Right Cheek	2412	0.097	0.52	15.00	14.72	1.067	0.103	/
		Right Tilt	2412	0.23	3.67	15.00	14.72	1.067	0.245	/
		Left Cheek	2412	0.105	-1.08	15.00	14.72	1.067	0.112	/
		Left Tilt	2412	0.252	-3.90	15.00	14.72	1.067	0.269	6
5.2G WLAN	802.11a	Right Cheek	5200	0.109	2.54	8.50	8.40	1.023	0.112	/
		Right Tilt	5200	0.261	-2.92	8.50	8.40	1.023	0.267	/
		Left Cheek	5200	0.123	0.44	8.50	8.40	1.023	0.126	/
		Left Tilt	5200	0.292	-1.10	8.50	8.40	1.023	0.299	7
5.3G WLAN	802.11a	Right Cheek	5260	0.106	-2.62	8.30	8.07	1.054	0.112	/
		Right Tilt	5260	0.263	-3.02	8.30	8.07	1.054	0.277	/
		Left Cheek	5260	0.119	1.08	8.30	8.07	1.054	0.125	/
		Left Tilt	5260	0.291	2.54	8.30	8.07	1.054	0.307	8
5.6G WLAN	802.11a	Right Cheek	5500	0.14	-3.71	8.80	8.47	1.079	0.151	/
		Right Tilt	5500	0.348	0.15	8.80	8.47	1.079	0.375	/
		Left Cheek	5500	0.155	-0.01	8.80	8.47	1.079	0.167	/
		Left Tilt	5500	0.386	2.77	8.80	8.47	1.079	0.416	9
5.8G WLAN	802.11a	Right Cheek	5825	0.083	2.87	8.30	8.12	1.042	0.087	/



		Right Tilt	5825	0.199	-0.18	8.30	8.12	1.042	0.207	/
		Left Cheek	5825	0.091	-0.09	8.30	8.12	1.042	0.095	/
		Left Tilt	5825	0.220	0.40	8.30	8.12	1.042	0.229	10

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	99	Right Cheek	1900	0.415	3.58	17.50	17.20	1.072	0.445	/
			50	49	Right Cheek	1900	0.364	1.70	17.00	16.71	1.069	0.389	/
			1	99	Right Tilt	1900	0.375	2.23	17.50	17.20	1.072	0.402	/
			50	49	Right Tilt	1900	0.327	-3.37	17.00	16.71	1.069	0.350	/
			1	99	Left Cheek	1900	0.550	3.16	17.50	17.20	1.072	0.589	11
			50	49	Left Cheek	1900	0.48	-3.23	17.00	16.71	1.069	0.513	/
			1	99	Left Tilt	1900	0.497	-2.99	17.50	17.20	1.072	0.533	/
			50	49	Left Tilt	1900	0.434	-2.42	17.00	16.71	1.069	0.464	/
LTE Band 4	20M	QPSK	1	0	Right Cheek	1720	0.399	-1.20	18.00	17.75	1.059	0.423	/
			50	0	Right Cheek	1720	0.348	0.08	17.30	17.15	1.035	0.360	/
			1	0	Right Tilt	1720	0.362	-1.89	18.00	17.75	1.059	0.383	/
			50	0	Right Tilt	1720	0.318	1.06	17.30	17.15	1.035	0.329	/
			1	0	Left Cheek	1720	0.528	-2.08	18.00	17.75	1.059	0.559	12
			50	0	Left Cheek	1720	0.46	-0.95	17.30	17.15	1.035	0.476	/
			1	0	Left Tilt	1720	0.476	0.94	18.00	17.75	1.059	0.504	/
			50	0	Left Tilt	1720	0.414	1.07	17.30	17.15	1.035	0.429	/
LTE Band 5	10M	QPSK	1	0	Right Cheek	836.5	0.286	3.35	25.00	24.69	1.074	0.307	/
			25	0	Right Cheek	829	0.251	2.01	24.30	24.10	1.047	0.263	/
			1	0	Right Tilt	836.5	0.26	-1.49	25.00	24.69	1.074	0.279	/
			25	0	Right Tilt	829	0.228	1.61	24.30	24.10	1.047	0.239	/
			1	0	Left Cheek	836.5	0.298	1.27	25.00	24.69	1.074	0.320	13
			25	0	Left Cheek	829	0.261	0.49	24.30	24.10	1.047	0.273	/
			1	0	Left Tilt	836.5	0.269	0.81	25.00	24.69	1.074	0.289	/
			25	0	Left Tilt	829	0.236	1.17	24.30	24.10	1.047	0.247	/
LTE Band 7	20M	QPSK	1	0	Right Cheek	2510	0.830	0.89	16.50	16.13	1.089	0.904	14
			1	0	Right Cheek	2535	0.728	-0.22	16.50	15.80	1.175	0.855	/
			1	0	Right Cheek	2560	0.694	3.23	16.50	15.77	1.183	0.821	/
			50	0	Right Cheek	2510	0.725	1.78	16.00	15.73	1.064	0.772	/
			1	0	Right Tilt	2510	0.748	0.16	16.50	16.13	1.089	0.815	/
			1	0	Right Tilt	2535	0.673	-1.19	16.50	15.80	1.175	0.791	/
			1	0	Right Tilt	2560	0.655	0.73	16.50	15.77	1.183	0.775	/
			50	0	Right Tilt	2510	0.65	3.76	16.00	15.73	1.064	0.692	/
			1	0	Left Cheek	2510	0.739	-1.70	16.50	16.13	1.089	0.805	/



			1	0	Left Cheek	2535	0.640	3.53	16.50	15.80	1.175	0.752	/
			1	0	Left Cheek	2560	0.621	-2.41	16.50	15.77	1.183	0.735	/
			50	0	Left Cheek	2510	0.646	-2.46	16.00	15.73	1.064	0.687	/
			1	0	Left Tilt	2510	0.669	2.19	16.50	16.13	1.089	0.728	/
			50	0	Left Tilt	2510	0.583	2.03	16.00	15.73	1.064	0.620	/
LTE Band 12	10M	QPSK	1	0	Right Cheek	707.5	0.185	0.80	26.00	25.70	1.072	0.198	/
			25	0	Right Cheek	707.5	0.164	3.56	25.00	24.62	1.091	0.179	/
			1	0	Right Tilt	707.5	0.169	3.53	26.00	25.70	1.072	0.181	/
			25	0	Right Tilt	707.5	0.15	-2.22	25.00	24.62	1.091	0.164	/
			1	0	Left Cheek	707.5	0.195	-3.51	26.00	25.70	1.072	0.209	15
			25	0	Left Cheek	707.5	0.172	-2.70	25.00	24.62	1.091	0.188	/
			1	0	Left Tilt	707.5	0.178	-3.07	26.00	25.70	1.072	0.191	/
			25	0	Left Tilt	707.5	0.155	3.22	25.00	24.62	1.091	0.169	/
LTE Band 14	10M	QPSK	1	0	Right Cheek	793	0.221	3.99	19.00	18.93	1.016	0.225	/
			25	0	Right Cheek	793	0.191	3.54	18.00	17.85	1.035	0.198	/
			1	0	Right Tilt	793	0.203	-0.71	19.00	18.93	1.016	0.206	/
			25	0	Right Tilt	793	0.177	1.75	18.00	17.85	1.035	0.183	/
			1	0	Left Cheek	793	0.232	1.16	19.00	18.93	1.016	0.236	16
			25	0	Left Cheek	793	0.201	-3.15	18.00	17.85	1.035	0.208	/
			1	0	Left Tilt	793	0.211	-1.38	19.00	18.93	1.016	0.214	/
			25	0	Left Tilt	793	0.184	-3.23	18.00	17.85	1.035	0.190	/
LTE Band 17	10M	QPSK	1	0	Right Cheek	711	0.243	3.43	25.50	25.36	1.033	0.251	/
			25	0	Right Cheek	710	0.21	1.00	24.50	24.29	1.050	0.220	/
			1	0	Right Tilt	711	0.218	1.25	25.50	25.36	1.033	0.225	/
			25	0	Right Tilt	710	0.192	-1.39	24.50	24.29	1.050	0.202	/
			1	0	Left Cheek	711	0.252	-0.80	25.50	25.36	1.033	0.260	17
			25	0	Left Cheek	710	0.222	-1.45	24.50	24.29	1.050	0.233	/
			1	0	Left Tilt	711	0.23	1.25	25.50	25.36	1.033	0.238	/
			25	0	Left Tilt	710	0.2	0.35	24.50	24.29	1.050	0.210	/
LTE Band 30	10M	QPSK	1	49	Right Cheek	2310	0.691	-0.12	17.00	16.81	1.045	0.722	/
			25	0	Right Cheek	2310	0.603	1.30	16.50	16.22	1.067	0.643	/
			1	49	Right Tilt	2310	0.626	-0.18	17.00	16.81	1.045	0.654	/
			25	0	Right Tilt	2310	0.546	3.79	16.50	16.22	1.067	0.582	/
			1	49	Left Cheek	2310	0.723	3.70	17.00	16.81	1.045	0.755	18
			25	0	Left Cheek	2310	0.629	-3.28	16.50	16.22	1.067	0.671	/
			1	49	Left Tilt	2310	0.651	1.77	17.00	16.81	1.045	0.680	/
			25	0	Left Tilt	2310	0.565	-1.47	16.50	16.22	1.067	0.603	/
LTE Band 38	20M	QPSK	1	99	Right Cheek	2580	0.671	3.17	22.00	21.48	1.127	0.756	/
			1	99	Right Cheek	2595	0.689	2.06	22.00	21.47	1.130	0.778	/
			1	99	Right Cheek	2610	0.772	-0.68	22.00	21.79	1.050	0.810	/



			50	24	Right Cheek	2580	0.673	0.72	21.30	21.21	1.021	0.687	/
			1	99	Right Tilt	2610	0.695	-2.35	22.00	21.79	1.050	0.729	/
			50	24	Right Tilt	2580	0.604	3.10	21.30	21.21	1.021	0.617	/
			1	99	Left Cheek	2580	0.932	-1.14	22.00	21.48	1.127	1.051	/
			1	99	Left Cheek	2595	0.866	-2.20	22.00	21.47	1.130	0.978	/
			1	99	Left Cheek	2610	1.027	-2.87	22.00	21.79	1.050	1.078	19
			50	24	Left Cheek	2580	0.893	-0.38	21.30	21.21	1.021	0.912	/
			50	24	Left Cheek	2595	0.812	0.82	21.30	21.15	1.035	0.841	/
			50	24	Left Cheek	2610	0.834	-1.13	21.30	21.17	1.030	0.859	/
			100	24	Left Cheek	2580	0.768	0.21	21.30	21.16	1.033	0.793	/
			1	99	Left Tilt	2580	0.824	1.42	22.00	21.48	1.127	0.929	/
			1	99	Left Tilt	2595	0.768	1.95	22.00	21.47	1.130	0.868	/
			1	99	Left Tilt	2610	0.929	-2.94	22.00	21.79	1.050	0.975	/
			50	24	Left Tilt	2580	0.807	-2.63	21.30	21.21	1.021	0.824	/
			50	24	Left Tilt	2595	0.726	-0.44	21.30	21.15	1.035	0.752	/
			50	24	Left Tilt	2610	0.769	3.15	21.30	21.17	1.030	0.792	/
			100	24	Left Tilt	2580	0.71	3.63	21.30	21.16	1.033	0.733	/
LTE Band 41	20M	QPSK	1	49	Right Cheek	2680	0.47	1.47	25.00	24.76	1.057	0.497	/
			50	49	Right Cheek	2680	0.409	1.17	24.50	24.41	1.021	0.418	/
			1	49	Right Tilt	2680	0.425	-1.19	25.00	24.76	1.057	0.449	/
			50	49	Right Tilt	2680	0.37	-0.44	24.50	24.41	1.021	0.378	/
			1	49	Left Cheek	2680	0.626	3.70	25.00	24.76	1.057	0.662	20
			50	49	Left Cheek	2680	0.544	0.25	24.50	24.41	1.021	0.555	/
			1	49	Left Tilt	2680	0.567	-1.19	25.00	24.76	1.057	0.599	/
			50	49	Left Tilt	2680	0.494	-3.48	24.50	24.41	1.021	0.504	/
LTE Band 66	20M	QPSK	1	0	Right Cheek	1720	0.533	-0.79	18.00	17.56	1.107	0.590	/
			50	0	Right Cheek	1720	0.465	2.58	17.30	17.14	1.038	0.482	/
			1	0	Right Tilt	1720	0.481	3.67	18.00	17.56	1.107	0.532	/
			50	0	Right Tilt	1720	0.421	2.89	17.30	17.14	1.038	0.437	/
			1	0	Left Cheek	1720	0.710	0.33	18.00	17.56	1.107	0.786	21
			50	0	Left Cheek	1720	0.618	-1.89	17.30	17.14	1.038	0.641	/
			1	0	Left Tilt	1720	0.643	-2.05	18.00	17.56	1.107	0.712	/
			50	0	Left Tilt	1720	0.558	3.65	17.30	17.14	1.038	0.579	/
LTE Band 71	20M	QPSK	1	99	Right Cheek	673	0.222	-0.12	25.50	25.30	1.047	0.232	/
			50	49	Right Cheek	673	0.192	-3.44	24.50	24.22	1.067	0.205	/
			1	99	Right Tilt	673	0.202	-1.58	25.50	25.30	1.047	0.212	/
			50	49	Right Tilt	673	0.175	1.58	24.50	24.22	1.067	0.187	/
			1	99	Left Cheek	673	0.230	-2.95	25.50	25.30	1.047	0.241	22
			50	49	Left Cheek	673	0.201	1.06	24.50	24.22	1.067	0.214	/
			1	99	Left Tilt	673	0.208	-3.78	25.50	25.30	1.047	0.218	/



			50	49	Left Tilt	673	0.185	-2.19	24.50	24.22	1.067	0.197	/
SA N2	20M	DFT_BPSK	1	104	Right Cheek	1880	0.108	3.37	16.00	15.89	1.026	0.111	/
			50	25	Right Cheek	1900	0.094	3.85	16.00	15.84	1.038	0.098	/
			1	104	Right Tilt	1880	0.099	2.34	16.00	15.89	1.026	0.102	/
			50	25	Right Tilt	1900	0.089	3.31	16.00	15.84	1.038	0.092	/
			1	104	Left Cheek	1880	0.139	0.86	16.00	15.89	1.026	0.143	23
			50	25	Left Cheek	1900	0.123	1.51	16.00	15.84	1.038	0.128	/
			1	104	Left Tilt	1880	0.125	-3.78	16.00	15.89	1.026	0.128	/
			50	25	Left Tilt	1900	0.11	2.37	16.00	15.84	1.038	0.114	/
SA N5	20M	DFT_QPSK	1	1	Right Cheek	834	0.226	-2.81	24.20	23.43	1.194	0.270	/
			50	25	Right Cheek	834	0.197	-0.79	24.20	23.56	1.159	0.228	/
			1	1	Right Tilt	834	0.204	3.41	24.20	23.43	1.194	0.244	/
			50	25	Right Tilt	834	0.177	-1.38	24.20	23.56	1.159	0.205	/
			1	1	Left Cheek	834	0.238	-3.06	24.20	23.43	1.194	0.284	24
			50	25	Left Cheek	834	0.209	-2.05	24.20	23.56	1.159	0.242	/
			1	1	Left Tilt	834	0.217	-1.84	24.20	23.43	1.194	0.259	/
			50	25	Left Tilt	834	0.191	-0.42	24.20	23.56	1.159	0.221	/
SA N7	20M	DFT_QPSK	1	1	Right Cheek	2510	0.098	2.08	15.30	14.80	1.122	0.110	/
			50	25	Right Cheek	2510	0.114	-1.30	15.30	14.97	1.079	0.123	/
			1	1	Right Tilt	2510	0.095	-3.18	15.30	14.80	1.122	0.107	/
			50	25	Right Tilt	2510	0.105	-3.84	15.30	14.97	1.079	0.113	/
			1	1	Left Cheek	2510	0.102	-3.41	15.30	14.80	1.122	0.114	/
			50	25	Left Cheek	2510	0.118	0.25	15.30	14.97	1.079	0.127	25
			1	1	Left Tilt	2510	0.093	-3.20	15.30	14.80	1.122	0.104	/
			50	25	Left Tilt	2510	0.108	-2.87	15.30	14.97	1.079	0.117	/
SA N12	15M	DFT_BPSK	1	77	Right Cheek	707.5	0.16	-3.30	24.20	23.61	1.146	0.183	/
			36	18	Right Cheek	711	0.14	1.88	24.20	23.52	1.169	0.164	/
			1	77	Right Tilt	707.5	0.144	-1.48	24.20	23.61	1.146	0.165	/
			36	18	Right Tilt	711	0.129	2.60	24.20	23.52	1.169	0.151	/
			1	77	Left Cheek	707.5	0.165	0.20	24.20	23.61	1.146	0.189	26
			36	18	Left Cheek	711	0.145	-0.05	24.20	23.52	1.169	0.170	/
			1	77	Left Tilt	707.5	0.148	2.60	24.20	23.61	1.146	0.170	/
			36	18	Left Tilt	711	0.13	-2.77	24.20	23.52	1.169	0.152	/
SA N41	100M	DFT_QPSK	1	271	Right Cheek	2640	0.104	0.64	20.50	20.13	1.089	0.113	/
			135	67	Right Cheek	2640	0.091	3.58	20.50	20.05	1.109	0.101	/
			1	271	Right Tilt	2640	0.098	0.70	20.50	20.13	1.089	0.107	/
			135	67	Right Tilt	2640	0.086	-3.75	20.50	20.05	1.109	0.095	/
			1	271	Left Cheek	2640	0.138	-2.69	20.50	20.13	1.089	0.150	27
			135	67	Left Cheek	2640	0.124	-3.83	20.50	20.05	1.109	0.138	/
			1	271	Left Tilt	2640	0.127	1.43	20.50	20.13	1.089	0.138	/



			135	67	Left Tilt	2640	0.111	-3.59	20.50	20.05	1.109	0.123	/
SA N66	40M	DFT_BPSK	1	214	Right Cheek	1760	0.144	-2.21	17.00	16.77	1.054	0.152	/
			108	54	Right Cheek	1730	0.126	0.58	17.00	16.76	1.057	0.133	/
			1	214	Right Tilt	1760	0.133	3.36	17.00	16.77	1.054	0.140	/
			108	54	Right Tilt	1730	0.114	-1.93	17.00	16.76	1.057	0.120	/
			1	214	Left Cheek	1760	0.190	-2.78	17.00	16.77	1.054	0.200	28
			108	54	Left Cheek	1730	0.167	1.68	17.00	16.76	1.057	0.176	/
			1	214	Left Tilt	1760	0.174	-2.61	17.00	16.77	1.054	0.183	/
			108	54	Left Tilt	1730	0.155	-3.86	17.00	16.76	1.057	0.164	/
SA N71	20M	DFT_QPSK	1	104	Right Cheek	680.5	0.218	2.50	24.00	23.45	1.135	0.247	/
			50	25	Right Cheek	680.5	0.189	0.89	24.00	23.60	1.096	0.207	/
			1	104	Right Tilt	680.5	0.197	3.33	24.00	23.45	1.135	0.224	/
			50	25	Right Tilt	680.5	0.173	2.90	24.00	23.60	1.096	0.190	/
			1	104	Left Cheek	680.5	0.227	-0.71	24.00	23.45	1.135	0.258	29
			50	25	Left Cheek	680.5	0.196	2.75	24.00	23.60	1.096	0.215	/
			1	104	Left Tilt	680.5	0.207	-2.58	24.00	23.45	1.135	0.235	/
			50	25	Left Tilt	680.5	0.183	-0.81	24.00	23.60	1.096	0.201	/
SA N78	100M	DFT_QPSK	1	271	Right Cheek	3750	0.504	-3.37	15.00	14.64	1.086	0.548	/
			135	67	Right Cheek	3750	0.581	-2.57	15.00	14.69	1.074	0.624	30
			1	271	Right Tilt	3750	0.454	-0.98	15.00	14.64	1.086	0.493	/
			135	67	Right Tilt	3750	0.523	-2.75	15.00	14.69	1.074	0.562	/
			1	271	Left Cheek	3750	0.457	1.20	15.00	14.64	1.086	0.496	/
			135	67	Left Cheek	3750	0.526	-3.86	15.00	14.69	1.074	0.565	/
			1	271	Left Tilt	3750	0.416	-2.81	15.00	14.64	1.086	0.452	/
			135	67	Left Tilt	3750	0.476	2.86	15.00	14.69	1.074	0.511	/
NSA NR 2	20M	DFT_BPSK	1	104	Right Cheek	1880	0.108	3.37	16.00	15.89	1.026	0.111	/
			50	25	Right Cheek	1900	0.094	3.85	16.00	15.84	1.038	0.098	/
			1	104	Right Tilt	1880	0.099	2.34	16.00	15.89	1.026	0.102	/
			50	25	Right Tilt	1900	0.089	3.31	16.00	15.84	1.038	0.092	/
			1	104	Left Cheek	1880	0.139	0.86	16.00	15.89	1.026	0.143	23
			50	25	Left Cheek	1900	0.123	1.51	16.00	15.84	1.038	0.128	/
			1	104	Left Tilt	1880	0.125	-3.78	16.00	15.89	1.026	0.128	/
			50	25	Left Tilt	1900	0.11	2.37	16.00	15.84	1.038	0.114	/
NSA NR 5	20M	DFT_QPSK	1	1	Right Cheek	834	0.226	-2.81	24.20	23.43	1.194	0.270	/
			50	25	Right Cheek	834	0.197	-0.79	24.20	23.56	1.159	0.228	/
			1	1	Right Tilt	834	0.204	3.41	24.20	23.43	1.194	0.244	/
			50	25	Right Tilt	834	0.177	-1.38	24.20	23.56	1.159	0.205	/
			1	1	Left Cheek	834	0.238	-3.06	24.20	23.43	1.194	0.284	24
			50	25	Left Cheek	834	0.209	-2.05	24.20	23.56	1.159	0.242	/
			1	1	Left Tilt	834	0.217	-1.84	24.20	23.43	1.194	0.259	/



			50	25	Left Tilt	834	0.191	-0.42	24.20	23.56	1.159	0.221	/
NSA NR 41	100M	DFT_QPSK	1	271	Right Cheek	2640	0.104	0.64	20.50	20.13	1.089	0.113	/
			135	67	Right Cheek	2640	0.091	3.58	20.50	20.05	1.109	0.101	/
			1	271	Right Tilt	2640	0.098	0.70	20.50	20.13	1.089	0.107	/
			135	67	Right Tilt	2640	0.086	-3.75	20.50	20.05	1.109	0.095	/
			1	271	Left Cheek	2640	0.138	-2.69	20.50	20.13	1.089	0.150	27
			135	67	Left Cheek	2640	0.124	-3.83	20.50	20.05	1.109	0.138	/
			1	271	Left Tilt	2640	0.127	1.43	20.50	20.13	1.089	0.138	/
			135	67	Left Tilt	2640	0.111	-3.59	20.50	20.05	1.109	0.123	/
NSA NR 66 ANT 4	40M	DFT_QPSK	1	214	Right Cheek	1760	0.136	-2.02	23.00	22.82	1.042	0.142	/
			108	54	Right Cheek	1730	0.121	1.71	23.00	22.82	1.042	0.126	/
			1	214	Right Tilt	1760	0.126	3.03	23.00	22.82	1.042	0.131	/
			108	54	Right Tilt	1730	0.112	-2.07	23.00	22.82	1.042	0.117	/
			1	214	Left Cheek	1760	0.176	-3.64	23.00	22.82	1.042	0.183	31
			108	54	Left Cheek	1730	0.155	1.39	23.00	22.82	1.042	0.162	/
			1	214	Left Tilt	1760	0.163	-1.83	23.00	22.82	1.042	0.170	/
			108	54	Left Tilt	1730	0.144	3.43	23.00	22.82	1.042	0.150	/
NSA NR 71	20M	DFT_QPSK	1	104	Right Cheek	680.5	0.218	2.50	24.00	23.45	1.135	0.247	/
			50	25	Right Cheek	680.5	0.189	0.89	24.00	23.60	1.096	0.207	/
			1	104	Right Tilt	680.5	0.197	3.33	24.00	23.45	1.135	0.224	/
			50	25	Right Tilt	680.5	0.173	2.90	24.00	23.60	1.096	0.190	/
			1	104	Left Cheek	680.5	0.227	-0.71	24.00	23.45	1.135	0.258	29
			50	25	Left Cheek	680.5	0.196	2.75	24.00	23.60	1.096	0.215	/
			1	104	Left Tilt	680.5	0.207	-2.58	24.00	23.45	1.135	0.235	/
			50	25	Left Tilt	680.5	0.183	-0.81	24.00	23.60	1.096	0.201	/
NSA NR 78	100M	DFT_QPSK	1	271	Right Cheek	3750	0.504	-3.37	15.00	14.64	1.086	0.548	/
			135	67	Right Cheek	3750	0.581	-2.57	15.00	14.69	1.074	0.624	30
			1	271	Right Tilt	3750	0.454	-0.98	15.00	14.64	1.086	0.493	/
			135	67	Right Tilt	3750	0.523	-2.75	15.00	14.69	1.074	0.562	/
			1	271	Left Cheek	3750	0.457	1.20	15.00	14.64	1.086	0.496	/
			135	67	Left Cheek	3750	0.526	-3.86	15.00	14.69	1.074	0.565	/
			1	271	Left Tilt	3750	0.416	-2.81	15.00	14.64	1.086	0.452	/
			135	67	Left Tilt	3750	0.476	2.86	15.00	14.69	1.074	0.511	/
NSA LTE Band 2	20M	QPSK	1	99	Right Cheek	1900	0.415	3.58	17.50	17.20	1.072	0.445	/
			50	49	Right Cheek	1900	0.364	1.70	17.00	16.71	1.069	0.389	/
			1	99	Right Tilt	1900	0.375	2.23	17.50	17.20	1.072	0.402	/
			50	49	Right Tilt	1900	0.327	-3.37	17.00	16.71	1.069	0.350	/
			1	99	Left Cheek	1900	0.550	3.16	17.50	17.20	1.072	0.589	11
			50	49	Left Cheek	1900	0.48	-3.23	17.00	16.71	1.069	0.513	/
			1	99	Left Tilt	1900	0.497	-2.99	17.50	17.20	1.072	0.533	/



			50	49	Left Tilt	1900	0.434	-2.42	17.00	16.71	1.069	0.464	/
NSA LTE Band 4 ANT 4	20M	QPSK	1	0	Right Cheek	1720	0.181	1.99	23.30	23.18	1.028	0.186	/
			50	0	Right Cheek	1720	0.157	-2.67	22.20	21.99	1.050	0.165	/
			1	0	Right Tilt	1720	0.162	3.66	23.30	23.18	1.028	0.167	/
			50	0	Right Tilt	1720	0.144	-1.14	22.20	21.99	1.050	0.151	/
			1	0	Left Cheek	1720	0.242	-1.15	23.30	23.18	1.028	0.249	32
			50	0	Left Cheek	1720	0.21	0.69	22.20	21.99	1.050	0.220	/
			1	0	Left Tilt	1720	0.221	2.89	23.30	23.18	1.028	0.227	/
			50	0	Left Tilt	1720	0.192	1.35	22.20	21.99	1.050	0.202	/
NSA LTE Band 5	10M	QPSK	1	0	Right Cheek	836.5	0.286	3.35	25.00	24.69	1.074	0.307	/
			25	0	Right Cheek	829	0.251	2.01	24.30	24.10	1.047	0.263	/
			1	0	Right Tilt	836.5	0.26	-1.49	25.00	24.69	1.074	0.279	/
			25	0	Right Tilt	829	0.228	1.61	24.30	24.10	1.047	0.239	/
			1	0	Left Cheek	836.5	0.298	1.27	25.00	24.69	1.074	0.320	13
			25	0	Left Cheek	829	0.261	0.49	24.30	24.10	1.047	0.273	/
			1	0	Left Tilt	836.5	0.269	0.81	25.00	24.69	1.074	0.289	/
			25	0	Left Tilt	829	0.236	1.17	24.30	24.10	1.047	0.247	/
NSA LTE Band 7	20M	QPSK	1	0	Right Cheek	2510	0.675	-2.58	15.00	14.67	1.079	0.728	33
			50	0	Right Cheek	2510	0.59	2.08	13.80	13.56	1.057	0.624	/
			1	0	Right Tilt	2510	0.607	-3.55	15.00	14.67	1.079	0.655	/
			50	0	Right Tilt	2510	0.531	-3.14	13.80	13.56	1.057	0.561	/
			1	0	Left Cheek	2510	0.508	-1.61	15.00	14.67	1.079	0.548	/
			50	0	Left Cheek	2510	0.441	-3.43	13.80	13.56	1.057	0.466	/
			1	0	Left Tilt	2510	0.461	2.95	15.00	14.67	1.079	0.497	/
			50	0	Left Tilt	2510	0.401	-0.60	13.80	13.56	1.057	0.424	/
NSA LTE Band 12	10M	QPSK	1	0	Right Cheek	707.5	0.185	0.80	26.00	25.70	1.072	0.198	/
			25	0	Right Cheek	707.5	0.164	3.56	25.00	24.62	1.091	0.179	/
			1	0	Right Tilt	707.5	0.169	3.53	26.00	25.70	1.072	0.181	/
			25	0	Right Tilt	707.5	0.15	-2.22	25.00	24.62	1.091	0.164	/
			1	0	Left Cheek	707.5	0.195	-3.51	26.00	25.70	1.072	0.209	15
			25	0	Left Cheek	707.5	0.172	-2.70	25.00	24.62	1.091	0.188	/
			1	0	Left Tilt	707.5	0.178	-3.07	26.00	25.70	1.072	0.191	/
			25	0	Left Tilt	707.5	0.155	3.22	25.00	24.62	1.091	0.169	/
NSA LTE Band 14	10M	QPSK	1	0	Right Cheek	793	0.221	3.99	19.00	18.93	1.016	0.225	/
			25	0	Right Cheek	793	0.191	3.54	18.00	17.85	1.035	0.198	/
			1	0	Right Tilt	793	0.203	-0.71	19.00	18.93	1.016	0.206	/
			25	0	Right Tilt	793	0.177	1.75	18.00	17.85	1.035	0.183	/
			1	0	Left Cheek	793	0.232	1.16	19.00	18.93	1.016	0.236	16
			25	0	Left Cheek	793	0.201	-3.15	18.00	17.85	1.035	0.208	/
			1	0	Left Tilt	793	0.211	-1.38	19.00	18.93	1.016	0.214	/



			25	0	Left Tilt	793	0.184	-3.23	18.00	17.85	1.035	0.190	/
NSA LTE Band 30	10M	QPSK	1	49	Right Cheek	2310	0.457	-3.80	16.00	15.60	1.096	0.501	/
			25	24	Right Cheek	2310	0.398	-2.17	14.80	14.58	1.052	0.419	/
			1	49	Right Tilt	2310	0.414	0.39	16.00	15.60	1.096	0.454	/
			25	24	Right Tilt	2310	0.363	-3.31	14.80	14.58	1.052	0.382	/
			1	49	Left Cheek	2310	0.481	-0.67	16.00	15.60	1.096	0.527	34
			25	24	Left Cheek	2310	0.419	0.34	14.80	14.58	1.052	0.441	/
			1	49	Left Tilt	2310	0.434	-2.97	16.00	15.60	1.096	0.476	/
			25	24	Left Tilt	2310	0.378	-2.18	14.80	14.58	1.052	0.398	/
NSA LTE Band 66 ANT 2	20M	QPSK	1	0	Right Cheek	1720	0.27	-1.30	18.00	17.56	1.107	0.299	/
			50	0	Right Cheek	1720	0.237	2.62	17.30	17.14	1.038	0.246	/
			1	0	Right Tilt	1720	0.244	0.28	18.00	17.56	1.107	0.270	/
			50	0	Right Tilt	1720	0.212	-0.13	17.30	17.14	1.038	0.220	/
			1	0	Left Cheek	1720	0.361	-2.37	18.00	17.56	1.107	0.399	35
			50	0	Left Cheek	1720	0.317	1.24	17.30	17.14	1.038	0.329	/
			1	0	Left Tilt	1720	0.328	-1.63	18.00	17.56	1.107	0.363	/
			50	0	Left Tilt	1720	0.285	0.65	17.30	17.14	1.038	0.296	/
NSA LTE Band 66 ANT 4	20M	QPSK	1	99	Right Cheek	1760	0.205	2.37	23.30	23.06	1.057	0.217	/
			50	0	Right Cheek	1720	0.178	-0.80	22.00	21.82	1.042	0.186	/
			1	99	Right Tilt	1760	0.185	3.45	23.30	23.06	1.057	0.196	/
			50	0	Right Tilt	1720	0.161	0.66	22.00	21.82	1.042	0.168	/
			1	99	Left Cheek	1760	0.270	0.51	23.30	23.06	1.057	0.285	36
			50	0	Left Cheek	1720	0.237	1.01	22.00	21.82	1.042	0.247	/
			1	99	Left Tilt	1760	0.245	-0.52	23.30	23.06	1.057	0.259	/
			50	0	Left Tilt	1720	0.215	-2.70	22.00	21.82	1.042	0.224	/
NSA LTE Band 71	20M	QPSK	1	99	Right Cheek	673	0.222	-0.12	25.50	25.30	1.047	0.232	/
			50	49	Right Cheek	673	0.192	-3.44	24.50	24.22	1.067	0.205	/
			1	99	Right Tilt	673	0.202	-1.58	25.50	25.30	1.047	0.212	/
			50	49	Right Tilt	673	0.175	1.58	24.50	24.22	1.067	0.187	/
			1	99	Left Cheek	673	0.230	-2.95	25.50	25.30	1.047	0.241	22
			50	49	Left Cheek	673	0.201	1.06	24.50	24.22	1.067	0.214	/
			1	99	Left Tilt	673	0.208	-3.78	25.50	25.30	1.047	0.218	/
			50	49	Left Tilt	673	0.185	-2.19	24.50	24.22	1.067	0.197	/



Band	Mode	Max SAR	NSA N5+B4
		(W/Kg)	
NSA N5+B4	SA N5	0.284	0.533
	LTE B4	0.249	
Band	Mode	Max SAR	NSA N5+B30
		(W/Kg)	
NSA N5+B30	SA N5	0.284	0.811
	LTE B30	0.527	
Band	Mode	Max SAR	NSA N5+B66
		(W/Kg)	
NSA N5+B66	SA N5	0.284	0.569
	LTE B66	0.285	
Band	Mode	Max SAR	NSA N41+B2
		(W/Kg)	
NSA N41+B2	SA N41	0.150	0.739
	LTE B2	0.589	
Band	Mode	Max SAR	NSA N41+B12
		(W/Kg)	
NSA N41+B12	SA N41	0.150	0.359
	LTE B12	0.209	
Band	Mode	Max SAR	NSA N41+B66
		(W/Kg)	
NSA N41+B66	SA N41	0.150	0.549
	LTE B66	0.399	
Band	Mode	Max SAR	NSA N66+B2
		(W/Kg)	
NSA N66+B2	SA N66	0.183	0.772
	LTE B2	0.589	
Band	Mode	Max SAR	NSA N66+B14
		(W/Kg)	
NSA N66+B14	SA N66	0.183	0.419
	LTE B14	0.236	
Band	Mode	Max SAR	NSA N66+B71
		(W/Kg)	
NSA N66+B71	SA N66	0.183	0.424
	LTE B71	0.241	
Band	Mode	Max SAR	NSA N78+B2
		(W/Kg)	
NSA N78+B2	SA N78	0.624	1.213
	LTE B2	0.589	
Band	Mode	Max SAR	NSA N78+B5
		(W/Kg)	
NSA N78+B5	SA N78	0.624	0.944
	LTE B5	0.320	
Band	Mode	Max SAR	NSA N78+B7
		(W/Kg)	
NSA N78+B7	SA N78 Right Cheek	0.624	1.352
	LTE B7 Right Cheek	0.728	



	SA N78 Left Tilt	0.511	1.008
	LTE B7 Left Tilt	0.497	
Band	Mode	Max SAR	NSA N78+B12
		(W/Kg)	
NSA N78+B12	SA N78	0.624	0.833
	LTE B12	0.209	
Band	Mode	Max SAR	NSA N78+B66
		(W/Kg)	
NSA N78+B66	SA N78	0.624	1.023
	LTE B66	0.399	

Note:

1. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.

a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.

b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor

2. Per KDB 865664 D01, Repeated measurement is not required when the original highest measured SAR is <0.80 W/kg.



12.2 Body-worn and Hotspot SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power (dBm)	Meas.Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	GPRS Data-2 Slot	Front Side	836.6	0.531	-0.17	34.00	33.64	1.086	0.577	/
		Back Side	836.6	0.648	2.61	34.00	33.64	1.086	0.704	37
		Left Side	836.6	0.248	-1.86	34.00	33.64	1.086	0.269	/
		Right Side	836.6	0.616	-2.41	34.00	33.64	1.086	0.669	/
		Top Side	836.6	0.106	0.75	34.00	33.64	1.086	0.115	/
		Bottom Side	836.6	0.326	3.94	34.00	33.64	1.086	0.354	/
PCS 1900	GPRS Data-4 Slot	Front Side	1880	0.511	-1.66	26.50	26.27	1.054	0.539	/
		Back Side	1850.2	0.968	-3.97	26.50	26.23	1.064	1.030	/
		Back Side	1880	1.022	-1.63	26.50	26.27	1.054	1.078	38
		Back Side	1909.8	0.913	0.04	26.50	26.12	1.091	0.996	/
		Left Side	1880	0.205	-2.46	26.50	26.27	1.054	0.216	/
		Right Side	1880	0.229	-2.39	26.50	26.27	1.054	0.241	/
		Top Side	1880	0.657	-2.32	26.50	26.27	1.054	0.693	/
		Bottom Side	1880	0.072	-1.11	26.50	26.27	1.054	0.076	/
WCDMA Band II	RMC	Front Side	1907.6	0.373	-2.20	23.00	22.64	1.086	0.405	/
		Back Side	1852.4	0.623	3.56	23.00	22.27	1.183	0.737	/
		Back Side	1880	0.668	-2.38	23.00	22.45	1.135	0.758	/
		Back Side	1907.6	0.743	-2.26	23.00	22.64	1.086	0.807	39
		Left Side	1907.6	0.151	0.79	23.00	22.64	1.086	0.164	/
		Right Side	1907.6	0.165	3.80	23.00	22.64	1.086	0.179	/
		Top Side	1907.6	0.477	1.75	23.00	22.64	1.086	0.518	/
WCDMA Band IV	RMC	Front Side	1740	0.339	-1.78	19.00	18.81	1.045	0.354	/
		Back Side	1740	0.677	2.48	19.00	18.81	1.045	0.707	40
		Left Side	1740	0.139	1.52	19.00	18.81	1.045	0.145	/
		Right Side	1740	0.149	3.78	19.00	18.81	1.045	0.156	/
		Top Side	1740	0.432	3.15	19.00	18.81	1.045	0.451	/
WCDMA Band V	RMC	Front Side	826.4	0.465	0.98	25.50	25.17	1.079	0.502	/
		Back Side	826.4	0.564	1.99	25.50	25.17	1.079	0.609	41
		Left Side	826.4	0.218	-2.16	25.50	25.17	1.079	0.235	/
		Right Side	826.4	0.536	-2.71	25.50	25.17	1.079	0.578	/
		Bottom Side	826.4	0.282	-2.54	25.50	25.17	1.079	0.304	/
2.4GHz WLAN	802.11b	Front Side	2437	0.264	3.22	17.00	16.87	1.030	0.272	/
		Back Side	2437	0.291	-1.27	17.00	16.87	1.030	0.300	/



		Left Side	2437	0.126	-1.73	17.00	16.87	1.030	0.130	/
		Right Side	2437	0.176	3.62	17.00	16.87	1.030	0.181	/
		Top Side	2437	0.404	-1.95	17.00	16.87	1.030	0.416	42
5.2GHz WLAN	802.11a	Front Side	5200	0.19	-2.51	16.30	16.08	1.052	0.200	/
		Back Side	5200	0.228	0.92	16.30	16.08	1.052	0.240	/
		Left Side	5200	0.092	3.49	16.30	16.08	1.052	0.097	/
		Right Side	5200	0.126	-0.02	16.30	16.08	1.052	0.133	/
		Top Side	5200	0.358	-1.06	16.30	16.08	1.052	0.377	43
5.3GHz WLAN	802.11a	Front Side	5260	0.229	-0.53	16.00	15.87	1.030	0.236	/
		Back Side	5260	0.276	-2.64	16.00	15.87	1.030	0.284	/
		Left Side	5260	0.103	2.04	16.00	15.87	1.030	0.106	/
		Right Side	5260	0.154	-0.44	16.00	15.87	1.030	0.159	/
		Top Side	5260	0.435	1.52	16.00	15.87	1.030	0.448	44
5.6GHz WLAN	802.11a	Front Side	5700	0.195	3.91	15.50	15.39	1.026	0.200	/
		Back Side	5700	0.236	-1.09	15.50	15.39	1.026	0.242	/
		Left Side	5700	0.097	3.16	15.50	15.39	1.026	0.099	/
		Right Side	5700	0.135	0.96	15.50	15.39	1.026	0.138	/
		Top Side	5700	0.374	-1.21	15.50	15.39	1.026	0.384	45
5.8GHz WLAN	802.11a	Front Side	5745	0.161	2.22	16.50	16.42	1.019	0.164	/
		Back Side	5745	0.197	-0.40	16.50	16.42	1.019	0.201	/
		Left Side	5745	0.078	-3.26	16.50	16.42	1.019	0.079	/
		Right Side	5745	0.111	-2.92	16.50	16.42	1.019	0.113	/
		Top Side	5745	0.309	-2.12	16.50	16.42	1.019	0.315	46



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	0	Front side	1800	0.476	-1.50	19.00	18.65	1.084	0.516	/
			50	49	Front side	1860	0.416	-0.17	18.50	18.23	1.064	0.443	/
			1	0	Back Side	1800	0.950	0.56	19.00	18.65	1.084	1.030	47
			50	49	Back Side	1860	0.83	-2.36	18.50	18.23	1.064	0.883	/
			1	0	Left Side	1800	0.194	3.43	19.00	18.65	1.084	0.210	/
			50	49	Left Side	1860	0.169	0.41	18.50	18.23	1.064	0.180	/
			1	0	Right Side	1800	0.209	2.35	19.00	18.65	1.084	0.227	/
			50	49	Right Side	1860	0.183	2.53	18.50	18.23	1.064	0.195	/
			1	0	Top Side	1800	0.61	-2.00	19.00	18.65	1.084	0.661	/
			50	49	Top Side	1860	0.532	0.25	18.50	18.23	1.064	0.566	/
LTE Band 4	20M	QPSK	1	0	Front side	1720	0.446	-0.97	19.50	19.29	1.050	0.468	/
			50	0	Front side	1720	0.388	1.29	19.00	18.83	1.040	0.403	/
			1	0	Back Side	1720	0.884	1.14	19.50	19.29	1.050	0.928	48
			1	0	Back Side	1732.5	0.720	3.23	19.50	18.68	1.208	0.870	/
			1	0	Back Side	1745	0.706	-0.58	19.50	18.63	1.222	0.863	/
			50	0	Back Side	1720	0.768	-2.71	19.00	18.83	1.040	0.799	/
			1	0	Left Side	1720	0.181	1.19	19.50	19.29	1.050	0.190	/
			50	0	Left Side	1720	0.158	-2.36	19.00	18.83	1.040	0.164	/
			1	0	Right Side	1720	0.195	1.26	19.50	19.29	1.050	0.205	/
			50	0	Right Side	1720	0.171	0.25	19.00	18.83	1.040	0.178	/
			1	0	Top Side	1720	0.565	3.42	19.50	19.29	1.050	0.593	/
			50	0	Top Side	1720	0.493	1.53	19.00	18.83	1.040	0.513	/
LTE Band 5	10M	QPSK	1	0	Front side	836.5	0.559	0.92	25.00	24.69	1.074	0.600	/
			25	0	Front side	829	0.484	0.24	24.30	24.10	1.047	0.507	/
			1	0	Back Side	836.5	0.681	1.74	25.00	24.69	1.074	0.731	49
			25	0	Back Side	829	0.592	-0.53	24.30	24.10	1.047	0.620	/
			1	0	Left Side	836.5	0.259	-1.99	25.00	24.69	1.074	0.278	/
			25	0	Left Side	829	0.227	-2.13	24.30	24.10	1.047	0.238	/
			1	0	Right Side	836.5	0.648	2.04	25.00	24.69	1.074	0.696	/
			25	0	Right Side	829	0.564	-2.91	24.30	24.10	1.047	0.591	/
			1	0	Bottom Side	836.5	0.341	-2.18	25.00	24.69	1.074	0.366	/
			25	0	Bottom Side	829	0.298	-3.94	24.30	24.10	1.047	0.312	/
LTE Band 7	20M	QPSK	1	0	Front side	2510	0.407	-3.25	18.00	17.82	1.042	0.424	/
			50	0	Front side	2510	0.358	3.79	17.50	17.33	1.040	0.372	/
			1	0	Back Side	2510	0.810	2.04	18.00	17.82	1.042	0.844	50



			1	0	Back Side	2535	0.613	3.93	18.00	16.92	1.282	0.786	/
			1	0	Back Side	2610	0.648	-2.60	18.00	16.99	1.262	0.818	/
			50	0	Back Side	2510	0.706	3.39	17.50	17.33	1.040	0.734	/
			1	0	Left Side	2510	0.165	-0.81	18.00	17.82	1.042	0.172	/
			50	0	Left Side	2510	0.146	0.66	17.50	17.33	1.040	0.152	/
			1	0	Right Side	2510	0.182	-3.13	18.00	17.82	1.042	0.190	/
			50	0	Right Side	2510	0.157	-1.08	17.50	17.33	1.040	0.163	/
			1	0	Top Side	2510	0.517	-0.95	18.00	17.82	1.042	0.539	/
			50	0	Top Side	2510	0.453	2.93	17.50	17.33	1.040	0.471	/
LTE Band 12	10M	QPSK	1	0	Front side	707.5	0.521	-1.59	26.00	25.70	1.072	0.558	/
			25	0	Front side	707.5	0.457	2.36	25.00	24.62	1.091	0.499	/
			1	0	Back Side	707.5	0.635	-2.86	26.00	25.70	1.072	0.680	51
			25	0	Back Side	707.5	0.555	-1.53	25.00	24.62	1.091	0.606	/
			1	0	Left Side	707.5	0.246	0.40	26.00	25.70	1.072	0.264	/
			25	0	Left Side	707.5	0.214	-1.16	25.00	24.62	1.091	0.234	/
			1	0	Right Side	707.5	0.608	3.03	26.00	25.70	1.072	0.651	/
			25	0	Right Side	707.5	0.531	-0.19	25.00	24.62	1.091	0.580	/
			1	0	Bottom Side	707.5	0.319	2.02	26.00	25.70	1.072	0.342	/
			25	0	Bottom Side	707.5	0.278	-0.26	25.00	24.62	1.091	0.303	/
LTE Band 14	10M	QPSK	1	0	Front side	793	0.351	-1.71	19.00	18.93	1.016	0.357	/
			25	0	Front side	793	0.306	2.17	18.00	17.85	1.035	0.317	/
			1	0	Back Side	793	0.428	3.80	19.00	18.93	1.016	0.435	52
			25	0	Back Side	793	0.372	1.43	18.00	17.85	1.035	0.385	/
			1	0	Left Side	793	0.163	-3.23	19.00	18.93	1.016	0.166	/
			25	0	Left Side	793	0.142	1.18	18.00	17.85	1.035	0.147	/
			1	0	Right Side	793	0.408	1.55	19.00	18.93	1.016	0.415	/
			25	0	Right Side	793	0.357	-3.29	18.00	17.85	1.035	0.370	/
			1	0	Bottom Side	793	0.216	-0.17	19.00	18.93	1.016	0.220	/
			25	0	Bottom Side	793	0.19	3.80	18.00	17.85	1.035	0.197	/
LTE Band 17	10M	QPSK	1	0	Front side	711	0.596	0.68	25.50	25.36	1.033	0.616	/
			25	0	Front side	710	0.522	-3.28	24.50	24.29	1.050	0.548	/
			1	0	Back Side	711	0.726	-3.36	25.50	25.36	1.033	0.750	53
			25	0	Back Side	710	0.63	-3.66	24.50	24.29	1.050	0.661	/
			1	0	Left Side	711	0.279	2.56	25.50	25.36	1.033	0.288	/
			25	0	Left Side	710	0.242	-0.43	24.50	24.29	1.050	0.254	/
			1	0	Right Side	711	0.689	3.65	25.50	25.36	1.033	0.712	/
			25	0	Right Side	710	0.603	1.56	24.50	24.29	1.050	0.633	/



			1	0	Bottom Side	711	0.366	-0.44	25.50	25.36	1.033	0.378	/
			25	0	Bottom Side	710	0.318	3.03	24.50	24.29	1.050	0.334	/
LTE Band 30	10M	QPSK	1	24	Front side	2310	0.713	0.28	20.00	19.54	1.112	0.793	/
			25	24	Front side	2310	0.62	-1.53	19.00	18.96	1.009	0.626	/
			1	24	Back Side	2310	0.868	2.84	20.00	19.54	1.112	0.965	54
			25	24	Back Side	2310	0.757	1.02	19.00	18.96	1.009	0.764	/
			1	24	Left Side	2310	0.765	-2.28	20.00	19.54	1.112	0.850	/
			25	24	Left Side	2310	0.698	-2.83	19.00	18.96	1.009	0.704	/
			1	24	Right Side	2310	0.33	-2.91	20.00	19.54	1.112	0.367	/
			25	24	Right Side	2310	0.289	3.95	19.00	18.96	1.009	0.292	/
			1	24	Top Side	2310	0.436	-3.27	20.00	19.54	1.112	0.485	/
			25	24	Top Side	2310	0.382	-3.29	19.00	18.96	1.009	0.386	/
LTE Band 38	20M	QPSK	1	99	Front side	2610	0.41	2.51	24.50	24.43	1.016	0.417	/
			50	49	Front side	2610	0.357	3.43	23.50	23.26	1.057	0.377	/
			1	99	Back Side	2580	0.628	1.96	24.50	23.61	1.227	0.771	/
			1	99	Back Side	2595	0.756	-1.84	24.50	24.22	1.067	0.806	/
			1	99	Back Side	2610	0.815	-0.43	24.50	24.43	1.016	0.828	55
			50	49	Back Side	2610	0.71	-0.89	23.50	23.26	1.057	0.750	/
			1	99	Left Side	2610	0.23	3.17	24.50	24.43	1.016	0.234	/
			50	49	Left Side	2610	0.202	0.84	23.50	23.26	1.057	0.213	/
			1	99	Right Side	2610	0.165	0.88	24.50	24.43	1.016	0.168	/
			50	49	Right Side	2610	0.145	1.87	23.50	23.26	1.057	0.153	/
			1	99	Top Side	2610	0.425	-2.53	24.50	24.43	1.016	0.432	/
			50	49	Top Side	2610	0.356	-1.60	23.50	23.26	1.057	0.376	/
LTE Band 41	20M	QPSK	1	49	Front side	2680	0.288	-2.00	25.00	24.76	1.057	0.304	/
			50	49	Front side	2680	0.253	1.77	24.50	24.41	1.021	0.258	/
			1	49	Back Side	2680	0.573	3.95	25.00	24.76	1.057	0.606	56
			50	49	Back Side	2680	0.501	1.15	24.50	24.41	1.021	0.511	/
			1	49	Left Side	2680	0.158	3.62	25.00	24.76	1.057	0.167	/
			50	49	Left Side	2680	0.131	0.14	24.50	24.41	1.021	0.134	/
			1	49	Right Side	2680	0.116	-0.97	25.00	24.76	1.057	0.123	/
			50	49	Right Side	2680	0.104	3.69	24.50	24.41	1.021	0.106	/
			1	49	Top Side	2680	0.368	-1.33	25.00	24.76	1.057	0.389	/
			50	49	Top Side	2680	0.323	1.48	24.50	24.41	1.021	0.330	/
LTE Band 66	20M	QPSK	1	0	Front side	1720	0.457	-2.90	19.50	19.32	1.042	0.476	/
			50	0	Front side	1720	0.398	1.93	19.00	18.83	1.040	0.414	/
			1	0	Back Side	1720	0.914	-1.03	19.50	19.32	1.042	0.953	57



			1	0	Back Side	1745	0.755	-1.80	19.50	18.72	1.197	0.904	/
			1	0	Back Side	1770	0.802	1.77	19.50	18.82	1.169	0.938	/
			50	0	Back Side	1720	0.794	3.20	19.00	18.83	1.040	0.826	/
			50	0	Back Side	1745	0.726	3.42	19.00	18.62	1.091	0.792	/
			50	0	Back Side	1770	0.711	-3.23	19.00	18.62	1.091	0.776	/
			100	0	Back Side	1720	0.731	-3.77	19.00	18.77	1.054	0.771	/
			1	0	Left Side	1720	0.187	-0.29	19.50	19.32	1.042	0.195	/
			50	0	Left Side	1720	0.164	-2.09	19.00	18.83	1.040	0.171	/
			1	0	Right Side	1720	0.205	3.16	19.50	19.32	1.042	0.214	/
			50	0	Right Side	1720	0.178	0.87	19.00	18.83	1.040	0.185	/
			1	0	Top Side	1720	0.589	-0.97	19.50	19.32	1.042	0.614	/
			50	0	Top Side	1720	0.513	0.32	19.00	18.83	1.040	0.533	/
LTE Band 71	20M	QPSK	1	99	Front side	673	0.482	-2.65	25.50	25.30	1.047	0.505	/
			50	49	Front side	673	0.423	3.22	24.50	24.22	1.067	0.451	/
			1	99	Back Side	673	0.584	-1.20	25.50	25.30	1.047	0.612	58
			50	49	Back Side	673	0.509	2.55	24.50	24.22	1.067	0.543	/
			1	99	Left Side	673	0.225	-3.80	25.50	25.30	1.047	0.236	/
			50	49	Left Side	673	0.197	0.54	24.50	24.22	1.067	0.210	/
			1	99	Right Side	673	0.559	-3.74	25.50	25.30	1.047	0.585	/
			50	49	Right Side	673	0.486	1.16	24.50	24.22	1.067	0.518	/
			1	99	Bottom Side	673	0.294	-1.79	25.50	25.30	1.047	0.308	/
			50	49	Bottom Side	673	0.255	0.35	24.50	24.22	1.067	0.272	/
SA N2	20M	DFT_BPSK	1	104	Front side	1880	0.464	0.99	18.00	17.89	1.026	0.476	/
			50	25	Front side	1900	0.421	0.85	18.00	17.84	1.038	0.437	/
			1	104	Back Side	1860	0.812	-3.74	18.00	17.64	1.086	0.882	/
			1	104	Back Side	1880	0.925	-1.87	18.00	17.89	1.026	0.949	59
			1	104	Back Side	1900	0.877	-3.78	18.00	17.76	1.057	0.927	/
			50	25	Back Side	1860	0.753	-3.88	18.00	17.72	1.067	0.803	/
			50	25	Back Side	1880	0.786	3.02	18.00	17.74	1.062	0.834	/
			50	25	Back Side	1900	0.834	3.18	18.00	17.84	1.038	0.865	/
			100	0	Back Side	1900	0.673	-0.88	18.00	17.32	1.169	0.787	/
			1	104	Left Side	1880	0.188	-3.61	18.00	17.89	1.026	0.193	/
			50	25	Left Side	1900	0.169	0.56	18.00	17.84	1.038	0.175	/
			1	104	Right Side	1880	0.207	-1.59	18.00	17.89	1.026	0.212	/
			50	25	Right Side	1900	0.185	2.29	18.00	17.84	1.038	0.192	/
			1	104	Top Side	1880	0.59	-0.17	18.00	17.89	1.026	0.605	/
			50	25	Top Side	1900	0.533	-0.97	18.00	17.84	1.038	0.553	/



SA N5	20M	DFT_QPSK	1	1	Front side	834	0.389	-3.98	24.20	23.43	1.194	0.464	/
			50	25	Front side	834	0.428	-3.60	24.20	23.56	1.159	0.496	/
			1	1	Back Side	834	0.47	-2.70	24.20	23.43	1.194	0.561	/
			50	25	Back Side	834	0.520	-1.66	24.20	23.56	1.159	0.603	60
			1	1	Left Side	834	0.185	0.66	24.20	23.43	1.194	0.221	/
			50	25	Left Side	834	0.201	3.38	24.20	23.56	1.159	0.233	/
			1	1	Right Side	834	0.448	3.58	24.20	23.43	1.194	0.535	/
			50	25	Right Side	834	0.494	1.63	24.20	23.56	1.159	0.572	/
			1	1	Bottom Side	834	0.234	-3.10	24.20	23.43	1.194	0.279	/
			50	25	Bottom Side	834	0.26	-3.36	24.20	23.56	1.159	0.301	/
SA N7	20M	DFT_QPSK	1	1	Front side	2510	0.257	-0.06	16.50	15.80	1.175	0.302	/
			50	25	Front side	2510	0.285	-3.01	16.50	15.97	1.130	0.322	/
			1	1	Back Side	2510	0.509	-0.56	16.50	15.80	1.175	0.598	/
			50	25	Back Side	2510	0.568	-2.41	16.50	15.97	1.130	0.642	61
			1	1	Left Side	2510	0.105	-3.87	16.50	15.80	1.175	0.123	/
			50	25	Left Side	2510	0.114	-1.77	16.50	15.97	1.130	0.129	/
			1	1	Right Side	2510	0.113	2.57	16.50	15.80	1.175	0.133	/
			50	25	Right Side	2510	0.126	3.17	16.50	15.97	1.130	0.142	/
			1	1	Top Side	2510	0.33	1.19	16.50	15.80	1.175	0.388	/
			50	25	Top Side	2510	0.365	1.96	16.50	15.97	1.130	0.412	/
SA N12	15M	DFT_QPSK	1	77	Front side	707.5	0.255	-0.92	24.20	23.61	1.146	0.292	/
			36	18	Front side	711	0.229	2.10	24.20	23.52	1.169	0.268	/
			1	77	Back Side	707.5	0.311	-3.35	24.20	23.61	1.146	0.356	62
			36	18	Back Side	711	0.279	2.36	24.20	23.52	1.169	0.326	/
			1	77	Left Side	707.5	0.12	-2.13	24.20	23.61	1.146	0.137	/
			36	18	Left Side	711	0.107	1.35	24.20	23.52	1.169	0.125	/
			1	77	Right Side	707.5	0.299	-2.91	24.20	23.61	1.146	0.343	/
			36	18	Right Side	711	0.268	-2.07	24.20	23.52	1.169	0.313	/
			1	77	Bottom Side	707.5	0.157	-2.25	24.20	23.61	1.146	0.180	/
			36	18	Bottom Side	711	0.142	-0.07	24.20	23.52	1.169	0.166	/
SA N41	100M	DFT_QPSK	1	271	Front side	2640	0.527	2.33	21.50	21.13	1.089	0.574	63
			135	67	Front side	2640	0.474	1.28	21.50	21.05	1.109	0.526	/
			1	271	Back Side	2640	0.472	2.16	21.50	21.13	1.089	0.514	/
			135	67	Back Side	2640	0.427	-3.41	21.50	21.05	1.109	0.474	/
			1	271	Left Side	2640	0.106	-1.88	21.50	21.13	1.089	0.115	/
			135	67	Left Side	2640	0.098	3.88	21.50	21.05	1.109	0.109	/
			1	271	Right Side	2640	0.066	-0.06	21.50	21.13	1.089	0.072	/



			135	67	Right Side	2640	0.06	0.56	21.50	21.05	1.109	0.067	/
			1	271	Top Side	2640	0.132	1.65	21.50	21.13	1.089	0.144	/
			135	67	Top Side	2640	0.108	1.02	21.50	21.05	1.109	0.120	/
SA N66	40M	DFT_QPSK	1	214	Front side	1730	0.429	2.86	18.00	17.73	1.064	0.457	/
			108	54	Front side	1730	0.482	0.52	18.00	17.77	1.054	0.508	/
			1	214	Back Side	1730	0.852	0.85	18.00	17.73	1.064	0.907	/
			1	214	Back Side	1745	0.785	-3.13	18.00	17.68	1.076	0.845	/
			1	214	Back Side	1760	0.81	-2.07	18.00	17.70	1.072	0.868	/
			108	54	Back Side	1730	0.958	2.35	18.00	17.77	1.054	1.010	64
			108	54	Back Side	1745	0.862	2.08	18.00	17.66	1.081	0.932	/
			108	54	Back Side	1760	0.855	-0.39	18.00	17.66	1.081	0.925	/
			216	0	Back Side	1730	0.719	-0.56	18.00	17.57	1.104	0.794	/
			1	214	Left Side	1730	0.177	-0.34	18.00	17.73	1.064	0.188	/
			108	54	Left Side	1730	0.195	0.56	18.00	17.77	1.054	0.206	/
			1	214	Right Side	1730	0.19	-2.70	18.00	17.73	1.064	0.202	/
			108	54	Right Side	1730	0.21	1.45	18.00	17.77	1.054	0.221	/
			1	214	Top Side	1730	0.545	3.20	18.00	17.73	1.064	0.580	/
			108	54	Top Side	1730	0.613	-0.80	18.00	17.77	1.054	0.646	/
SA N71	20M	DFT_QPSK	1	104	Front side	680.5	0.294	-0.02	24.00	23.45	1.135	0.334	/
			50	25	Front side	680.5	0.34	2.89	24.00	23.60	1.096	0.373	/
			1	104	Back Side	680.5	0.355	-0.23	24.00	23.45	1.135	0.403	/
			50	25	Back Side	680.5	0.409	2.68	24.00	23.60	1.096	0.448	65
			1	104	Left Side	680.5	0.139	0.00	24.00	23.45	1.135	0.158	/
			50	25	Left Side	680.5	0.158	1.10	24.00	23.60	1.096	0.173	/
			1	104	Right Side	680.5	0.339	-2.09	24.00	23.45	1.135	0.385	/
			50	25	Right Side	680.5	0.389	1.27	24.00	23.60	1.096	0.427	/
			1	104	Bottom Side	680.5	0.182	0.45	24.00	23.45	1.135	0.207	/
			50	25	Bottom Side	680.5	0.207	0.63	24.00	23.60	1.096	0.227	/
SA N78	100M	DFT_QPSK	1	271	Front side	3750	0.546	-3.26	20.00	19.64	1.086	0.593	/
			135	67	Front side	3750	0.606	2.42	20.00	19.87	1.030	0.624	/
			1	271	Back Side	3750	0.681	2.05	20.00	19.64	1.086	0.740	/
			135	67	Back Side	3750	0.758	-1.32	20.00	19.87	1.030	0.781	/
			1	271	Left Side	3750	0.221	-1.75	20.00	19.64	1.086	0.240	/
			135	67	Left Side	3750	0.243	3.08	20.00	19.87	1.030	0.250	/
			1	271	Right Side	3750	0.32	3.33	20.00	19.64	1.086	0.348	/
			135	67	Right Side	3750	0.356	0.59	20.00	19.87	1.030	0.367	/
			1	271	Top Side	3750	0.991	1.61	20.00	19.64	1.086	1.077	/



			135	67	Top Side	3750	0.999	2.76	20.00	19.87	1.030	1.029	66
NSA NR 2	20M	DFT_BPSK	1	104	Front side	1880	0.285	3.75	16.00	15.88	1.028	0.293	/
			50	25	Front side	1900	0.249	-1.19	16.00	15.84	1.038	0.258	/
			1	104	Back Side	1880	0.570	-3.23	16.00	15.88	1.028	0.586	67
			50	25	Back Side	1900	0.498	3.23	16.00	15.84	1.038	0.517	/
			1	104	Left Side	1880	0.118	1.44	16.00	15.88	1.028	0.121	/
			50	25	Left Side	1900	0.105	1.66	16.00	15.84	1.038	0.109	/
			1	104	Right Side	1880	0.128	-2.48	16.00	15.88	1.028	0.132	/
			50	25	Right Side	1900	0.112	0.41	16.00	15.84	1.038	0.116	/
			1	104	Top Side	1880	0.366	3.85	16.00	15.88	1.028	0.376	/
			50	25	Top Side	1900	0.321	-3.48	16.00	15.84	1.038	0.333	/
NSA NR 5	20M	DFT_BPSK	1	1	Front side	834	0.21	3.05	21.00	20.57	1.104	0.232	/
			50	25	Front side	836.5	0.24	-1.51	21.00	20.60	1.096	0.263	/
			1	1	Back Side	834	0.253	1.10	21.00	20.57	1.104	0.279	/
			50	25	Back Side	836.5	0.292	1.10	21.00	20.60	1.096	0.320	68
			1	1	Left Side	834	0.096	3.39	21.00	20.57	1.104	0.106	/
			50	25	Left Side	836.5	0.111	3.91	21.00	20.60	1.096	0.122	/
			1	1	Right Side	834	0.245	2.07	21.00	20.57	1.104	0.270	/
			50	25	Right Side	836.5	0.278	3.50	21.00	20.60	1.096	0.305	/
			1	1	Bottom Side	834	0.132	-3.02	21.00	20.57	1.104	0.146	/
			50	25	Bottom Side	836.5	0.15	-3.36	21.00	20.60	1.096	0.164	/
NSA NR 41	100M	DFT_QPSK	1	271	Front side	2640	0.314	-3.30	19.50	19.42	1.019	0.320	/
			135	67	Front side	2640	0.272	-0.58	19.50	19.37	1.030	0.280	/
			1	271	Back Side	2640	0.626	2.82	19.50	19.42	1.019	0.638	69
			135	67	Back Side	2640	0.547	-3.09	19.50	19.37	1.030	0.564	/
			1	271	Left Side	2640	0.14	2.00	19.50	19.42	1.019	0.143	/
			135	67	Left Side	2640	0.124	-0.14	19.50	19.37	1.030	0.128	/
			1	271	Right Side	2640	0.106	0.73	19.50	19.42	1.019	0.108	/
			135	67	Right Side	2640	0.093	-1.63	19.50	19.37	1.030	0.096	/
			1	271	Top Side	2640	0.403	-1.11	19.50	19.42	1.019	0.410	/
			135	67	Top Side	2640	0.349	-1.29	19.50	19.37	1.030	0.360	/
NSA NR 66	20M	DFT_QPSK	1	214	Front side	1730	0.187	0.80	18.00	17.72	1.067	0.199	/
			108	54	Front side	1730	0.207	3.22	18.00	17.78	1.052	0.218	/
			1	214	Back Side	1730	0.368	-2.28	18.00	17.72	1.067	0.393	/
			108	54	Back Side	1730	0.410	-3.14	18.00	17.78	1.052	0.431	70
			1	214	Left Side	1730	0.076	1.61	18.00	17.72	1.067	0.081	/
			108	54	Left Side	1730	0.084	1.72	18.00	17.78	1.052	0.088	/



			1	214	Right Side	1730	0.081	2.23	18.00	17.72	1.067	0.086	/
			108	54	Right Side	1730	0.092	2.75	18.00	17.78	1.052	0.097	/
			1	214	Top Side	1730	0.235	-3.94	18.00	17.72	1.067	0.251	/
			108	54	Top Side	1730	0.264	-2.75	18.00	17.78	1.052	0.278	/
NSA NR 71	20M	DFT_QPSK	1	104	Front side	673	0.181	-3.14	21.00	20.50	1.122	0.203	/
			50	25	Front side	680.5	0.2	-2.63	21.00	20.65	1.084	0.217	/
			1	104	Back Side	673	0.214	-3.55	21.00	20.50	1.122	0.240	/
			50	25	Back Side	680.5	0.239	-3.54	21.00	20.65	1.084	0.259	71
			1	104	Left Side	673	0.087	0.56	21.00	20.50	1.122	0.098	/
			50	25	Left Side	680.5	0.095	0.21	21.00	20.65	1.084	0.103	/
			1	104	Right Side	673	0.207	0.02	21.00	20.50	1.122	0.232	/
			50	25	Right Side	680.5	0.231	-2.92	21.00	20.65	1.084	0.250	/
			1	104	Bottom Side	673	0.107	-2.09	21.00	20.50	1.122	0.120	/
			50	25	Bottom Side	680.5	0.12	-1.72	21.00	20.65	1.084	0.130	/
NSA NR 78	100M	DFT_QPSK	1	271	Front side	3750	0.153	-3.72	18.00	17.65	1.084	0.166	/
			135	67	Front side	3750	0.168	1.69	18.00	17.69	1.074	0.180	/
			1	271	Back Side	3750	0.188	2.70	18.00	17.65	1.084	0.204	/
			135	67	Back Side	3750	0.21	-0.48	18.00	17.69	1.074	0.226	/
			1	271	Left Side	3750	0.062	-1.39	18.00	17.65	1.084	0.067	/
			135	67	Left Side	3750	0.067	0.10	18.00	17.69	1.074	0.072	/
			1	271	Right Side	3750	0.093	-0.22	18.00	17.65	1.084	0.101	/
			135	67	Right Side	3750	0.1	-1.20	18.00	17.69	1.074	0.107	/
			1	271	Top Side	3750	0.273	1.51	18.00	17.65	1.084	0.296	/
			135	67	Top Side	3750	0.303	2.74	18.00	17.69	1.074	0.325	72
NSA LTE Band 2	20M	QPSK	1	99	Front side	1900	0.305	-3.12	16.80	16.59	1.050	0.320	/
			50	49	Front side	1860	0.264	-3.31	15.50	15.48	1.005	0.265	/
			1	99	Back Side	1900	0.606	-0.23	16.80	16.59	1.050	0.636	73
			50	49	Back Side	1860	0.526	0.44	15.50	15.48	1.005	0.528	/
			1	99	Left Side	1900	0.124	-0.57	16.80	16.59	1.050	0.130	/
			50	49	Left Side	1860	0.11	1.07	15.50	15.48	1.005	0.111	/
			1	99	Right Side	1900	0.136	-1.92	16.80	16.59	1.050	0.143	/
			50	49	Right Side	1860	0.117	-1.69	15.50	15.48	1.005	0.118	/
			1	99	Top Side	1900	0.389	-1.23	16.80	16.59	1.050	0.408	/
			50	49	Top Side	1860	0.34	0.77	15.50	15.48	1.005	0.342	/
NSA LTE Band 4 ANT 4	20M	QPSK	1	0	Front side	1720	0.1	-0.03	17.30	17.14	1.038	0.104	/
			50	0	Front side	1720	0.091	-2.47	16.00	15.95	1.012	0.092	/
			1	0	Back Side	1720	0.194	-0.14	17.30	17.14	1.038	0.201	74



			50	0	Back Side	1720	0.171	1.13	16.00	15.95	1.012	0.173	/
			1	0	Left Side	1720	0.042	-2.51	17.30	17.14	1.038	0.044	/
			50	0	Left Side	1720	0.035	1.61	16.00	15.95	1.012	0.035	/
			1	0	Right Side	1720	0.068	1.47	17.30	17.14	1.038	0.071	/
			50	0	Right Side	1720	0.061	-2.17	16.00	15.95	1.012	0.062	/
			1	0	Bottom Side	1720	0.123	1.65	17.30	17.14	1.038	0.128	/
			50	0	Bottom Side	1720	0.108	-0.39	16.00	15.95	1.012	0.109	/
NSA LTE Band 5	10M	QPSK	1	0	Front side	836.5	0.373	-2.17	22.00	21.74	1.062	0.396	/
			25	0	Front side	829	0.328	-3.37	21.50	21.14	1.086	0.356	/
			1	0	Back Side	836.5	0.451	2.72	22.00	21.74	1.062	0.479	75
			25	0	Back Side	829	0.394	-0.61	21.50	21.14	1.086	0.428	/
			1	0	Left Side	836.5	0.173	3.75	22.00	21.74	1.062	0.184	/
			25	0	Left Side	829	0.15	-3.24	21.50	21.14	1.086	0.163	/
			1	0	Right Side	836.5	0.431	2.81	22.00	21.74	1.062	0.458	/
			25	0	Right Side	829	0.374	1.65	21.50	21.14	1.086	0.406	/
			1	0	Bottom Side	836.5	0.227	-0.07	22.00	21.74	1.062	0.241	/
			25	0	Bottom Side	829	0.197	3.30	21.50	21.14	1.086	0.214	/
NSA LTE Band 7	20M	QPSK	1	0	Front side	2510	0.264	1.26	16.00	15.62	1.091	0.288	/
			50	0	Front side	2510	0.231	2.81	14.70	14.51	1.045	0.241	/
			1	0	Back Side	2510	0.526	-0.99	16.00	15.62	1.091	0.574	76
			50	0	Back Side	2510	0.46	1.23	14.70	14.51	1.045	0.481	/
			1	0	Left Side	2510	0.105	-1.01	16.00	15.62	1.091	0.115	/
			50	0	Left Side	2510	0.093	-3.99	14.70	14.51	1.045	0.097	/
			1	0	Right Side	2510	0.116	2.56	16.00	15.62	1.091	0.127	/
			50	0	Right Side	2510	0.102	3.56	14.70	14.51	1.045	0.107	/
			1	0	Top Side	2510	0.341	1.34	16.00	15.62	1.091	0.372	/
			50	0	Top Side	2510	0.299	0.68	14.70	14.51	1.045	0.312	/
NSA LTE Band 12	10M	QPSK	1	0	Front side	707.5	0.295	1.52	22.00	21.73	1.064	0.314	/
			25	0	Front side	707.5	0.255	-3.39	21.00	20.66	1.081	0.276	/
			1	0	Back Side	707.5	0.355	-3.93	22.00	21.73	1.064	0.378	77
			25	0	Back Side	707.5	0.311	-2.65	21.00	20.66	1.081	0.336	/
			1	0	Left Side	707.5	0.136	-2.48	22.00	21.73	1.064	0.145	/
			25	0	Left Side	707.5	0.121	3.97	21.00	20.66	1.081	0.131	/
			1	0	Right Side	707.5	0.34	2.55	22.00	21.73	1.064	0.362	/
			25	0	Right Side	707.5	0.295	-0.21	21.00	20.66	1.081	0.319	/
			1	0	Bottom Side	707.5	0.178	2.45	22.00	21.73	1.064	0.189	/
			25	0	Bottom Side	707.5	0.155	-2.89	21.00	20.66	1.081	0.168	/



NSA LTE Band 14	10M	QPSK	1	0	Front side	793	0.232	-3.98	17.00	16.97	1.007	0.234	/
			25	0	Front side	793	0.203	1.19	16.00	15.89	1.026	0.208	/
			1	0	Back Side	793	0.284	-1.07	17.00	16.97	1.007	0.286	78
			25	0	Back Side	793	0.251	1.54	16.00	15.89	1.026	0.257	/
			1	0	Left Side	793	0.11	0.69	17.00	16.97	1.007	0.111	/
			25	0	Left Side	793	0.096	3.48	16.00	15.89	1.026	0.098	/
			1	0	Right Side	793	0.272	3.05	17.00	16.97	1.007	0.274	/
			25	0	Right Side	793	0.237	-0.37	16.00	15.89	1.026	0.243	/
			1	0	Bottom Side	793	0.145	-3.50	17.00	16.97	1.007	0.146	/
			25	0	Bottom Side	793	0.127	1.96	16.00	15.89	1.026	0.130	/
NSA LTE Band 30	10M	QPSK	1	49	Front side	2310	0.513	3.60	17.30	17.07	1.054	0.541	/
			36	24	Front side	2310	0.446	-1.78	15.30	16.03	0.845	0.377	/
			1	49	Back Side	2310	0.623	-0.47	17.30	17.07	1.054	0.657	79
			36	24	Back Side	2310	0.541	2.94	15.30	16.03	0.845	0.457	/
			1	49	Left Side	2310	0.595	2.78	17.30	17.07	1.054	0.627	/
			36	24	Left Side	2310	0.52	3.82	15.30	16.03	0.845	0.440	/
			1	49	Right Side	2310	0.24	-0.20	17.30	17.07	1.054	0.253	/
			36	24	Right Side	2310	0.209	-1.38	15.30	16.03	0.845	0.177	/
			1	49	Top Side	2310	0.313	1.80	17.30	17.07	1.054	0.330	/
			36	24	Top Side	2310	0.275	-2.37	15.30	16.03	0.845	0.232	/
NSA LTE Band 66 ANT 2	20M	QPSK	1	99	Front side	1770	0.259	2.96	17.30	17.13	1.040	0.269	/
			50	0	Front side	1720	0.226	1.26	16.00	15.88	1.028	0.232	/
			1	99	Back Side	1770	0.514	-2.57	17.30	17.13	1.040	0.535	80
			50	0	Back Side	1720	0.448	-0.68	16.00	15.88	1.028	0.461	/
			1	99	Left Side	1770	0.107	-2.00	17.30	17.13	1.040	0.111	/
			50	0	Left Side	1720	0.095	0.77	16.00	15.88	1.028	0.098	/
			1	99	Right Side	1770	0.115	-1.05	17.30	17.13	1.040	0.120	/
			50	0	Right Side	1720	0.102	-0.26	16.00	15.88	1.028	0.105	/
			1	99	Top Side	1770	0.331	-2.76	17.30	17.13	1.040	0.344	/
			50	0	Top Side	1720	0.291	3.10	16.00	15.88	1.028	0.299	/
NSA LTE Band 66 ANT 4	20M	QPSK	1	99	Front side	1770	0.151	-0.61	17.30	17.02	1.067	0.161	/
			50	0	Front side	1720	0.131	0.07	16.00	15.78	1.052	0.138	/
			1	99	Back Side	1770	0.299	-1.11	17.30	17.02	1.067	0.319	81
			50	0	Back Side	1720	0.259	-1.28	16.00	15.78	1.052	0.272	/
			1	99	Left Side	1770	0.064	2.97	17.30	17.02	1.067	0.068	/
			50	0	Left Side	1720	0.06	-2.60	16.00	15.78	1.052	0.063	/
			1	99	Right Side	1770	0.086	0.48	17.30	17.02	1.067	0.092	/



NSA LTE Band 71	20M	QPSK	50	0	Right Side	1720	0.077	2.10	16.00	15.78	1.052	0.081	/
			1	99	Bottom Side	1770	0.193	0.80	17.30	17.02	1.067	0.206	/
			50	0	Bottom Side	1720	0.171	0.91	16.00	15.78	1.052	0.180	/
			1	99	Front side	673	0.21	-3.11	21.50	21.33	1.040	0.218	/
			50	49	Front side	673	0.184	-0.58	20.50	20.27	1.054	0.194	/
			1	99	Back Side	673	0.251	-1.17	21.50	21.33	1.040	0.261	82
			50	49	Back Side	673	0.22	2.13	20.50	20.27	1.054	0.232	/
			1	99	Left Side	673	0.098	3.53	21.50	21.33	1.040	0.102	/
			50	49	Left Side	673	0.085	-1.85	20.50	20.27	1.054	0.090	/
			1	99	Right Side	673	0.239	-3.44	21.50	21.33	1.040	0.249	/
			50	49	Right Side	673	0.211	-3.36	20.50	20.27	1.054	0.222	/
			1	99	Bottom Side	673	0.128	-2.64	21.50	21.33	1.040	0.133	/
			50	49	Bottom Side	673	0.113	-1.63	20.50	20.27	1.054	0.119	/

Band	Mode	Max SAR	NSA N5+B4
		(W/Kg)	
NSA N5+B4	SA N5	0.320	0.521
	LTE B4	0.201	
Band	Mode	Max SAR	NSA N5+B30
		(W/Kg)	
NSA N5+B30	SA N5	0.320	0.977
	LTE B30	0.657	
Band	Mode	Max SAR	NSA N5+B66
		(W/Kg)	
NSA N5+B66	SA N5	0.320	0.639
	LTE B66	0.319	
Band	Mode	Max SAR	NSA N41+B2
		(W/Kg)	
NSA N41+B2	SA N41 Back Side	0.638	1.274
	LTE B2 Back Side	0.636	
	SA N41 Top Side	0.410	0.818
	LTE B2 Top Side	0.408	
Band	Mode	Max SAR	NSA N41+B12
		(W/Kg)	
NSA N41+B12	SA N41	0.638	1.016
	LTE B12	0.378	
Band	Mode	Max SAR	NSA N41+B66
		(W/Kg)	
NSA N41+B66	SA N41	0.638	1.173
	LTE B66	0.535	
Band	Mode	Max SAR	NSA N66+B2
		(W/Kg)	
NSA N66+B2	SA N66	0.431	1.067
	LTE B2	0.636	



Band	Mode	Max SAR	NSA N66+B14
		(W/Kg)	
NSA N66+B14	SA N66	0.431	0.717
	LTE B14	0.286	
Band	Mode	Max SAR	NSA N66+B71
		(W/Kg)	
NSA N66+B71	SA N66	0.431	0.692
	LTE B71	0.261	
Band	Mode	Max SAR	NSA N78+B2
		(W/Kg)	
NSA N78+B2	SA N78	0.325	0.961
	LTE B2	0.636	
Band	Mode	Max SAR	NSA N78+B5
		(W/Kg)	
NSA N78+B5	SA N78	0.325	0.804
	LTE B5	0.479	
Band	Mode	Max SAR	NSA N78+B7
		(W/Kg)	
NSA N78+B7	SA N78	0.325	0.899
	LTE B7	0.574	
Band	Mode	Max SAR	NSA N78+B12
		(W/Kg)	
NSA N78+B12	SA N78	0.325	0.703
	LTE B12	0.378	
Band	Mode	Max SAR	NSA N78+B66
		(W/Kg)	
NSA N78+B66	SA N78	0.325	0.860
	LTE B66	0.535	

Note:

- The test separation of all above table is 5mm.
- Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
- When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "Portable Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.



12.3 Limbs SAR

Band	Model	Test Position	Freq.	SAR (10g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	GPRS Data-2 Slot	Front Side	836.6	0.967	-0.13	34.00	33.64	1.086	1.051	83
		Back Side	836.6	0.678	-1.79	34.00	33.64	1.086	0.737	/
		Left Side	836.6	0.275	-2.82	34.00	33.64	1.086	0.299	/
		Right Side	836.6	0.447	-3.09	34.00	33.64	1.086	0.486	/
		Top Side	836.6	0.072	0.54	34.00	33.64	1.086	0.078	/
		Bottom Side	836.6	0.484	-1.52	34.00	33.64	1.086	0.526	/
PCS 1900	GPRS Data-4 Slot	Front Side	1880	1.075	1.13	26.50	26.27	1.054	1.133	/
		Back Side	1850.2	1.103	-2.16	26.50	26.23	1.064	1.174	/
		Back Side	1880	1.235	-2.21	26.50	26.27	1.054	1.302	84
		Back Side	1909.8	1.023	3.06	26.50	26.12	1.091	1.117	/
		Left Side	1880	0.396	-2.85	26.50	26.27	1.054	0.418	/
		Right Side	1880	0.325	-0.71	26.50	26.27	1.054	0.343	/
		Top Side	1880	0.841	-2.81	26.50	26.27	1.054	0.887	/
		Bottom Side	1880	0.09	1.64	26.50	26.27	1.054	0.095	/
WCDMA Band II	RMC	Front Side	1907.6	0.662	2.53	23.00	22.64	1.086	0.719	/
		Back Side	1907.6	0.759	2.14	23.00	22.64	1.086	0.825	85
		Left Side	1907.6	0.247	2.09	23.00	22.64	1.086	0.268	/
		Right Side	1907.6	0.202	-1.89	23.00	22.64	1.086	0.219	/
		Top Side	1907.6	0.518	2.20	23.00	22.64	1.086	0.563	/
WCDMA Band IV	RMC	Front Side	1740	0.61	1.21	19.00	18.81	1.045	0.637	/
		Back Side	1740	0.701	0.56	19.00	18.81	1.045	0.732	86
		Left Side	1740	0.227	-0.38	19.00	18.81	1.045	0.237	/
		Right Side	1740	0.186	0.58	19.00	18.81	1.045	0.194	/
		Top Side	1740	0.48	0.24	19.00	18.81	1.045	0.501	/
WCDMA Band V	RMC	Front Side	826.4	0.612	0.44	25.50	25.17	1.079	0.660	87
		Back Side	826.4	0.433	3.35	25.50	25.17	1.079	0.467	/
		Left Side	826.4	0.175	2.18	25.50	25.17	1.079	0.189	/
		Right Side	826.4	0.275	0.60	25.50	25.17	1.079	0.297	/
		Bottom Side	826.4	0.308	3.57	25.50	25.17	1.079	0.332	/
2.4GHz WLAN	802.11b	Front Side	2437	0.284	-1.36	17.00	16.87	1.030	0.293	/
		Back Side	2437	0.359	0.88	17.00	16.87	1.030	0.370	/
		Left Side	2437	0.11	0.38	17.00	16.87	1.030	0.113	/
		Right Side	2437	0.152	-3.34	17.00	16.87	1.030	0.157	/



		Top Side	2437	0.435	-3.45	17.00	16.87	1.030	0.448	88
5.2GHz WLAN	802.11a	Front Side	5200	0.577	-0.85	16.30	16.08	1.052	0.607	/
		Back Side	5200	0.725	2.80	16.30	16.08	1.052	0.763	/
		Left Side	5200	0.223	-2.73	16.30	16.08	1.052	0.235	/
		Right Side	5200	0.312	-1.58	16.30	16.08	1.052	0.328	/
		Top Side	5200	0.885	1.73	16.30	16.08	1.052	0.931	89
5.3GHz WLAN	802.11a	Front Side	5260	0.662	-0.08	16.00	15.87	1.030	0.682	/
		Back Side	5260	0.833	2.71	16.00	15.87	1.030	0.858	/
		Left Side	5260	0.253	-2.67	16.00	15.87	1.030	0.261	/
		Right Side	5260	0.355	-3.08	16.00	15.87	1.030	0.366	/
		Top Side	5260	1.014	0.73	16.00	15.87	1.030	1.045	90
5.6GHz WLAN	802.11a	Front Side	5700	0.73	-2.94	15.50	15.39	1.026	0.749	/
		Back Side	5700	0.92	-2.87	15.50	15.39	1.026	0.944	/
		Left Side	5700	0.284	-1.77	15.50	15.39	1.026	0.291	/
		Right Side	5700	0.395	-1.47	15.50	15.39	1.026	0.405	/
		Top Side	5700	1.120	-1.62	15.50	15.39	1.026	1.149	91
5.8GHz WLAN	802.11a	Front Side	5745	0.728	3.13	16.50	16.42	1.019	0.742	/
		Back Side	5745	0.918	-1.90	16.50	16.42	1.019	0.935	/
		Left Side	5745	0.284	1.64	16.50	16.42	1.019	0.289	/
		Right Side	5745	0.393	-3.21	16.50	16.42	1.019	0.400	/
		Top Side	5745	1.119	-0.70	16.50	16.42	1.019	1.140	92



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 10g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	0	Front side	1800	0.588	3.76	19.00	18.65	1.084	0.637	/
			50	49	Front side	1860	0.515	3.49	18.50	18.23	1.064	0.548	/
			1	0	Back Side	1800	0.657	-2.26	19.00	18.65	1.084	0.712	93
			50	49	Back Side	1860	0.575	3.94	18.50	18.23	1.064	0.612	/
			1	0	Left Side	1800	0.213	1.58	19.00	18.65	1.084	0.231	/
			50	49	Left Side	1860	0.186	3.08	18.50	18.23	1.064	0.198	/
			1	0	Right Side	1800	0.174	0.83	19.00	18.65	1.084	0.189	/
			50	49	Right Side	1860	0.153	-2.50	18.50	18.23	1.064	0.163	/
			1	0	Top Side	1800	0.45	2.26	19.00	18.65	1.084	0.488	/
			50	49	Top Side	1860	0.393	-3.74	18.50	18.23	1.064	0.418	/
LTE Band 4	20M	QPSK	1	0	Front side	1720	0.756	3.70	19.50	19.29	1.050	0.793	/
			50	0	Front side	1720	0.656	2.95	19.00	18.83	1.040	0.682	/
			1	0	Back Side	1720	0.847	1.20	19.50	19.29	1.050	0.889	94
			50	0	Back Side	1720	0.736	2.37	19.00	18.83	1.040	0.765	/
			1	0	Left Side	1720	0.272	2.32	19.50	19.29	1.050	0.285	/
			50	0	Left Side	1720	0.237	-3.98	19.00	18.83	1.040	0.246	/
			1	0	Right Side	1720	0.22	-0.37	19.50	19.29	1.050	0.231	/
			50	0	Right Side	1720	0.194	2.52	19.00	18.83	1.040	0.202	/
			1	0	Top Side	1720	0.576	2.42	19.50	19.29	1.050	0.605	/
			50	0	Top Side	1720	0.504	-3.07	19.00	18.83	1.040	0.524	/
LTE Band 5	10M	QPSK	1	0	Front side	836.5	0.712	-1.05	25.00	24.69	1.074	0.765	95
			25	0	Front side	829	0.622	-3.10	24.30	24.10	1.047	0.651	/
			1	0	Back Side	836.5	0.560	1.03	25.00	24.69	1.074	0.601	/
			25	0	Back Side	829	0.489	0.62	24.30	24.10	1.047	0.512	/
			1	0	Left Side	836.5	0.2	-1.83	25.00	24.69	1.074	0.215	/
			25	0	Left Side	829	0.177	-2.58	24.30	24.10	1.047	0.185	/
			1	0	Right Side	836.5	0.328	3.40	25.00	24.69	1.074	0.352	/
			25	0	Right Side	829	0.287	2.65	24.30	24.10	1.047	0.301	/
			1	0	Bottom Side	836.5	0.358	-1.64	25.00	24.69	1.074	0.384	/
			25	0	Bottom Side	829	0.314	2.54	24.30	24.10	1.047	0.329	/
LTE Band 7	20M	QPSK	1	0	Front side	2510	0.669	-1.63	18.00	17.82	1.042	0.697	/
			50	0	Front side	2510	0.585	-2.06	17.50	17.33	1.040	0.608	/
			1	0	Back Side	2510	0.769	2.84	18.00	17.82	1.042	0.802	96
			50	0	Back Side	2510	0.672	-2.85	17.50	17.33	1.040	0.699	/
			1	0	Left Side	2510	0.246	-1.32	18.00	17.82	1.042	0.256	/



			50	0	Left Side	2510	0.215	-1.12	17.50	17.33	1.040	0.224	/
			1	0	Right Side	2510	0.2	2.31	18.00	17.82	1.042	0.208	/
			50	0	Right Side	2510	0.173	-1.42	17.50	17.33	1.040	0.180	/
			1	0	Top Side	2510	0.523	0.46	18.00	17.82	1.042	0.545	/
			50	0	Top Side	2510	0.453	-3.78	17.50	17.33	1.040	0.471	/
LTE Band 12	10M	QPSK	1	0	Front side	707.5	0.707	2.39	26.00	25.70	1.072	0.758	97
			25	0	Front side	707.5	0.615	-3.08	25.00	24.62	1.091	0.671	/
			1	0	Back Side	707.5	0.65	3.58	26.00	25.70	1.072	0.696	/
			25	0	Back Side	707.5	0.565	1.58	25.00	24.62	1.091	0.617	/
			1	0	Left Side	707.5	0.198	-3.86	26.00	25.70	1.072	0.212	/
			25	0	Left Side	707.5	0.172	2.75	25.00	24.62	1.091	0.188	/
			1	0	Right Side	707.5	0.326	2.95	26.00	25.70	1.072	0.349	/
			25	0	Right Side	707.5	0.285	2.39	25.00	24.62	1.091	0.311	/
			1	0	Bottom Side	707.5	0.358	1.22	26.00	25.70	1.072	0.384	/
			25	0	Bottom Side	707.5	0.315	2.62	25.00	24.62	1.091	0.344	/
LTE Band 14	10M	QPSK	1	0	Front side	793	0.432	-2.38	19.00	18.93	1.016	0.439	98
			25	0	Front side	793	0.377	2.47	18.00	17.85	1.035	0.390	/
			1	0	Back Side	793	0.398	-2.07	19.00	18.93	1.016	0.404	/
			25	0	Back Side	793	0.345	-1.99	18.00	17.85	1.035	0.357	/
			1	0	Left Side	793	0.121	-3.68	19.00	18.93	1.016	0.123	/
			25	0	Left Side	793	0.108	-1.64	18.00	17.85	1.035	0.112	/
			1	0	Right Side	793	0.199	-1.04	19.00	18.93	1.016	0.202	/
			25	0	Right Side	793	0.174	-3.64	18.00	17.85	1.035	0.180	/
			1	0	Bottom Side	793	0.219	2.10	19.00	18.93	1.016	0.223	/
			25	0	Bottom Side	793	0.194	-3.11	18.00	17.85	1.035	0.201	/
LTE Band 17	10M	QPSK	1	0	Front side	711	0.741	2.43	25.50	25.36	1.033	0.765	99
			25	0	Front side	710	0.647	-2.32	24.50	24.29	1.050	0.679	/
			1	0	Back Side	711	0.681	-0.43	25.50	25.36	1.033	0.703	/
			25	0	Back Side	710	0.593	-1.61	24.50	24.29	1.050	0.622	/
			1	0	Left Side	711	0.208	0.19	25.50	25.36	1.033	0.215	/
			25	0	Left Side	710	0.185	-2.97	24.50	24.29	1.050	0.194	/
			1	0	Right Side	711	0.343	2.68	25.50	25.36	1.033	0.354	/
			25	0	Right Side	710	0.3	-1.48	24.50	24.29	1.050	0.315	/
			1	0	Bottom Side	711	0.375	-0.61	25.50	25.36	1.033	0.387	/
			25	0	Bottom Side	710	0.327	-3.98	24.50	24.29	1.050	0.343	/
LTE Band 30	10M	QPSK	1	24	Front side	2310	0.465	0.52	20.00	19.54	1.112	0.517	100
			25	24	Front side	2310	0.408	3.11	19.00	18.96	1.009	0.412	/



			1	24	Back Side	2310	0.431	-2.10	20.00	19.54	1.112	0.479	/
			25	24	Back Side	2310	0.374	-3.17	19.00	18.96	1.009	0.377	/
			1	24	Left Side	2310	0.215	-2.79	20.00	19.54	1.112	0.239	/
			25	24	Left Side	2310	0.189	-1.48	19.00	18.96	1.009	0.191	/
			1	24	Right Side	2310	0.133	2.42	20.00	19.54	1.112	0.148	/
			25	24	Right Side	2310	0.117	0.15	19.00	18.96	1.009	0.118	/
			1	24	Top Side	2310	0.137	2.82	20.00	19.54	1.112	0.152	/
			25	24	Top Side	2310	0.104	-3.36	19.00	18.96	1.009	0.105	/
LTE Band 38	20M	QPSK	1	99	Front side	2610	0.965	1.66	24.50	24.43	1.016	0.981	101
			50	49	Front side	2610	0.84	-2.99	23.50	23.26	1.057	0.888	/
			1	99	Back Side	2610	0.869	-0.01	24.50	24.43	1.016	0.883	/
			50	49	Back Side	2610	0.755	2.87	23.50	23.26	1.057	0.798	/
			1	99	Left Side	2610	0.309	3.02	24.50	24.43	1.016	0.314	/
			50	49	Left Side	2610	0.271	-2.68	23.50	23.26	1.057	0.286	/
			1	99	Right Side	2610	0.23	0.42	24.50	24.43	1.016	0.234	/
			50	49	Right Side	2610	0.219	1.29	23.50	23.26	1.057	0.231	/
			1	99	Top Side	2610	0.556	-3.02	24.50	24.43	1.016	0.565	/
			50	49	Top Side	2610	0.471	-2.46	23.50	23.26	1.057	0.498	/
LTE Band 41	20M	QPSK	1	49	Front side	2680	0.666	2.61	25.00	24.76	1.057	0.704	102
			50	49	Front side	2680	0.583	-0.15	24.50	24.41	1.021	0.595	/
			1	49	Back Side	2680	0.602	0.68	25.00	24.76	1.057	0.636	/
			50	49	Back Side	2680	0.526	0.75	24.50	24.41	1.021	0.537	/
			1	49	Left Side	2680	0.217	0.86	25.00	24.76	1.057	0.229	/
			50	49	Left Side	2680	0.193	0.18	24.50	24.41	1.021	0.197	/
			1	49	Right Side	2680	0.157	2.80	25.00	24.76	1.057	0.166	/
			50	49	Right Side	2680	0.133	0.73	24.50	24.41	1.021	0.136	/
			1	49	Top Side	2680	0.356	0.77	25.00	24.76	1.057	0.376	/
			50	49	Top Side	2680	0.295	2.69	24.50	24.41	1.021	0.301	/
LTE Band 66	20M	QPSK	1	0	Front side	1720	0.437	-1.86	19.50	19.32	1.042	0.455	103
			50	0	Front side	1720	0.379	-1.80	19.00	18.83	1.040	0.394	/
			1	0	Back Side	1720	0.419	1.36	19.50	19.32	1.042	0.437	/
			50	0	Back Side	1720	0.365	2.41	19.00	18.83	1.040	0.380	/
			1	0	Left Side	1720	0.14	0.52	19.50	19.32	1.042	0.146	/
			50	0	Left Side	1720	0.121	-3.63	19.00	18.83	1.040	0.126	/
			1	0	Right Side	1720	0.117	-3.63	19.50	19.32	1.042	0.122	/
			50	0	Right Side	1720	0.102	-1.65	19.00	18.83	1.040	0.106	/
			1	0	Top Side	1720	0.297	-0.91	19.50	19.32	1.042	0.310	/



			50	0	Top Side	1720	0.26	-3.84	19.00	18.83	1.040	0.270	/
LTE Band 71	20M	QPSK	1	99	Front side	673	0.611	2.20	25.50	25.30	1.047	0.640	104
			50	49	Front side	673	0.533	2.31	24.50	24.22	1.067	0.568	/
			1	99	Back Side	673	0.563	2.07	25.50	25.30	1.047	0.590	/
			50	49	Back Side	673	0.492	-3.32	24.50	24.22	1.067	0.525	/
			1	99	Left Side	673	0.174	-1.65	25.50	25.30	1.047	0.182	/
			50	49	Left Side	673	0.152	0.98	24.50	24.22	1.067	0.162	/
			1	99	Right Side	673	0.282	0.05	25.50	25.30	1.047	0.295	/
			50	49	Right Side	673	0.244	2.21	24.50	24.22	1.067	0.260	/
			1	99	Bottom Side	673	0.309	-0.42	25.50	25.30	1.047	0.324	/
			50	49	Bottom Side	673	0.269	-0.57	24.50	24.22	1.067	0.287	/
SA N2	20M	DFT_BPSK	1	104	Front side	1880	0.609	1.36	18.00	17.89	1.026	0.625	/
			50	25	Front side	1900	0.529	-3.12	18.00	17.84	1.038	0.549	/
			1	104	Back Side	1880	0.697	0.72	18.00	17.89	1.026	0.715	105
			50	25	Back Side	1900	0.606	-2.50	18.00	17.84	1.038	0.629	/
			1	104	Left Side	1880	0.226	-1.97	18.00	17.89	1.026	0.232	/
			50	25	Left Side	1900	0.199	-3.73	18.00	17.84	1.038	0.206	/
			1	104	Right Side	1880	0.182	2.48	18.00	17.89	1.026	0.187	/
			50	25	Right Side	1900	0.161	-1.38	18.00	17.84	1.038	0.167	/
			1	104	Top Side	1880	0.475	1.21	18.00	17.89	1.026	0.487	/
			50	25	Top Side	1900	0.412	2.32	18.00	17.84	1.038	0.427	/
SA N5	20M	DFT_QPSK	1	1	Front side	834	0.349	-0.79	24.20	23.43	1.194	0.417	/
			50	25	Front side	834	0.398	-2.56	24.20	23.56	1.159	0.461	106
			1	1	Back Side	834	0.242	-0.29	24.20	23.43	1.194	0.289	/
			50	25	Back Side	834	0.279	3.28	24.20	23.56	1.159	0.323	/
			1	1	Left Side	834	0.097	-0.31	24.20	23.43	1.194	0.116	/
			50	25	Left Side	834	0.111	-1.79	24.20	23.56	1.159	0.129	/
			1	1	Right Side	834	0.161	-0.59	24.20	23.43	1.194	0.192	/
			50	25	Right Side	834	0.183	1.76	24.20	23.56	1.159	0.212	/
			1	1	Bottom Side	834	0.174	-0.10	24.20	23.43	1.194	0.208	/
			50	25	Bottom Side	834	0.199	-2.72	24.20	23.56	1.159	0.231	/
SA N7	20M	DFT_QPSK	1	1	Front side	2510	0.394	-0.51	16.50	15.80	1.175	0.463	/
			50	25	Front side	2510	0.451	-3.93	16.50	15.97	1.130	0.510	/
			1	1	Back Side	2510	0.439	3.60	16.50	15.80	1.175	0.516	/
			50	25	Back Side	2510	0.506	0.22	16.50	15.97	1.130	0.572	107
			1	1	Left Side	2510	0.143	-0.11	16.50	15.80	1.175	0.168	/
			50	25	Left Side	2510	0.166	-1.92	16.50	15.97	1.130	0.188	/



			1	1	Right Side	2510	0.121	2.95	16.50	15.80	1.175	0.142	/
			50	25	Right Side	2510	0.136	-0.63	16.50	15.97	1.130	0.154	/
			1	1	Top Side	2510	0.299	-1.16	16.50	15.80	1.175	0.351	/
			50	25	Top Side	2510	0.345	-1.88	16.50	15.97	1.130	0.390	/
SA N12	15M	DFT_QPSK	1	77	Front side	707.5	0.588	0.67	24.20	23.61	1.146	0.674	108
			36	18	Front side	711	0.513	2.05	24.20	23.52	1.169	0.600	/
			1	77	Back Side	707.5	0.541	-1.29	24.20	23.61	1.146	0.620	/
			36	18	Back Side	711	0.474	-1.69	24.20	23.52	1.169	0.554	/
			1	77	Left Side	707.5	0.166	3.18	24.20	23.61	1.146	0.190	/
			36	18	Left Side	711	0.148	0.74	24.20	23.52	1.169	0.173	/
			1	77	Right Side	707.5	0.273	-1.48	24.20	23.61	1.146	0.313	/
			36	18	Right Side	711	0.237	-1.19	24.20	23.52	1.169	0.277	/
			1	77	Bottom Side	707.5	0.298	-2.05	24.20	23.61	1.146	0.341	/
			36	18	Bottom Side	711	0.262	-1.48	24.20	23.52	1.169	0.306	/
SA N41	100M	DFT_QPSK	1	271	Front side	2640	0.760	-3.62	21.50	21.13	1.089	0.828	109
			135	67	Front side	2640	0.665	0.63	21.50	21.05	1.109	0.738	/
			1	271	Back Side	2640	0.693	0.75	21.50	21.13	1.089	0.755	/
			135	67	Back Side	2640	0.604	3.32	21.50	21.05	1.109	0.670	/
			1	271	Left Side	2640	0.244	-2.99	21.50	21.13	1.089	0.266	/
			135	67	Left Side	2640	0.213	0.70	21.50	21.05	1.109	0.236	/
			1	271	Right Side	2640	0.168	0.57	21.50	21.13	1.089	0.183	/
			135	67	Right Side	2640	0.144	-2.17	21.50	21.05	1.109	0.160	/
			1	271	Top Side	2640	0.42	0.52	21.50	21.13	1.089	0.457	/
			135	67	Top Side	2640	0.352	-2.59	21.50	21.05	1.109	0.390	/
SA N66 ANT 2	40M	DFT_QPSK	1	214	Front side	1730	0.522	3.79	18.00	17.73	1.064	0.555	/
			108	54	Front side	1730	0.598	-0.25	18.00	17.77	1.054	0.631	/
			1	214	Back Side	1730	0.584	3.93	18.00	17.73	1.064	0.621	/
			108	54	Back Side	1730	0.668	-2.93	18.00	17.77	1.054	0.704	110
			1	214	Left Side	1730	0.187	3.11	18.00	17.73	1.064	0.199	/
			108	54	Left Side	1730	0.215	0.71	18.00	17.77	1.054	0.227	/
			1	214	Right Side	1730	0.154	-2.40	18.00	17.73	1.064	0.164	/
			108	54	Right Side	1730	0.176	2.12	18.00	17.77	1.054	0.186	/
			1	214	Top Side	1730	0.395	-2.90	18.00	17.73	1.064	0.420	/
			108	54	Top Side	1730	0.454	-0.89	18.00	17.77	1.054	0.479	/
SA N71	20M	DFT_QPSK	1	104	Front side	680.5	0.389	3.14	24.00	23.45	1.135	0.442	/
			50	25	Front side	680.5	0.448	-3.26	24.00	23.60	1.096	0.491	111
			1	104	Back Side	680.5	0.277	3.48	24.00	23.45	1.135	0.314	/



			50	25	Back Side	680.5	0.314	-3.21	24.00	23.60	1.096	0.344	/
			1	104	Left Side	680.5	0.116	3.74	24.00	23.45	1.135	0.132	/
			50	25	Left Side	680.5	0.129	-0.88	24.00	23.60	1.096	0.141	/
			1	104	Right Side	680.5	0.181	3.91	24.00	23.45	1.135	0.205	/
			50	25	Right Side	680.5	0.208	2.07	24.00	23.60	1.096	0.228	/
			1	104	Bottom Side	680.5	0.197	1.26	24.00	23.45	1.135	0.224	/
			50	25	Bottom Side	680.5	0.227	3.07	24.00	23.60	1.096	0.249	/
SA NR 78	100M	DFT_QPSK	1	271	Front side	3750	0.327	-2.31	20.00	19.64	1.086	0.355	/
			135	67	Front side	3750	0.36	-0.46	20.00	19.87	1.030	0.371	/
			1	271	Back Side	3750	0.402	-2.15	20.00	19.64	1.086	0.437	/
			135	67	Back Side	3750	0.447	-0.42	20.00	19.87	1.030	0.461	/
			1	271	Left Side	3750	0.133	2.78	20.00	19.64	1.086	0.144	/
			135	67	Left Side	3750	0.147	-3.98	20.00	19.87	1.030	0.151	/
			1	271	Right Side	3750	0.186	2.17	20.00	19.64	1.086	0.202	/
			135	67	Right Side	3750	0.207	1.28	20.00	19.87	1.030	0.213	/
			1	271	Top Side	3750	0.583	-2.92	20.00	19.64	1.086	0.633	/
			135	67	Top Side	3750	0.648	2.46	20.00	19.87	1.030	0.668	112
NSA NR 2	20M	DFT_BPSK	1	104	Front side	1880	0.294	-0.51	16.00	15.88	1.028	0.302	/
			50	25	Front side	1900	0.34	3.07	16.00	15.84	1.038	0.353	/
			1	104	Back Side	1880	0.328	0.05	16.00	15.88	1.028	0.337	/
			50	25	Back Side	1900	0.379	-1.81	16.00	15.84	1.038	0.393	113
			1	104	Left Side	1880	0.111	1.35	16.00	15.88	1.028	0.114	/
			50	25	Left Side	1900	0.123	-3.55	16.00	15.84	1.038	0.128	/
			1	104	Right Side	1880	0.087	2.27	16.00	15.88	1.028	0.089	/
			50	25	Right Side	1900	0.098	-1.29	16.00	15.84	1.038	0.102	/
			1	104	Top Side	1880	0.229	-2.38	16.00	15.88	1.028	0.235	/
			50	25	Top Side	1900	0.26	3.33	16.00	15.84	1.038	0.270	/
NSA NR 5	20M	DFT_BPSK	1	1	Front side	834	0.212	-3.36	21.00	20.57	1.104	0.234	/
			50	25	Front side	836.5	0.245	-1.22	21.00	20.60	1.096	0.269	114
			1	1	Back Side	834	0.155	0.51	21.00	20.57	1.104	0.171	/
			50	25	Back Side	836.5	0.176	-1.05	21.00	20.60	1.096	0.193	/
			1	1	Left Side	834	0.062	2.94	21.00	20.57	1.104	0.068	/
			50	25	Left Side	836.5	0.07	1.21	21.00	20.60	1.096	0.077	/
			1	1	Right Side	834	0.101	3.65	21.00	20.57	1.104	0.112	/
			50	25	Right Side	836.5	0.114	3.63	21.00	20.60	1.096	0.125	/
			1	1	Bottom Side	834	0.11	-3.90	21.00	20.57	1.104	0.121	/
			50	25	Bottom Side	836.5	0.127	2.54	21.00	20.60	1.096	0.139	/



NSA NR 41	100M	DFT_QPSK	1	271	Front side	2640	0.454	3.87	19.50	19.42	1.019	0.462	115
			135	67	Front side	2640	0.398	2.44	19.50	19.37	1.030	0.410	/
			1	271	Back Side	2640	0.414	3.61	19.50	19.42	1.019	0.422	/
			135	67	Back Side	2640	0.363	-2.59	19.50	19.37	1.030	0.374	/
			1	271	Left Side	2640	0.146	2.75	19.50	19.42	1.019	0.149	/
			135	67	Left Side	2640	0.13	-1.00	19.50	19.37	1.030	0.134	/
			1	271	Right Side	2640	0.102	1.81	19.50	19.42	1.019	0.104	/
			135	67	Right Side	2640	0.086	-1.66	19.50	19.37	1.030	0.089	/
			1	271	Top Side	2640	0.207	-1.44	19.50	19.42	1.019	0.211	/
			135	67	Top Side	2640	0.166	-1.71	19.50	19.37	1.030	0.171	/
NSA NR 66	20M	DFT_QPSK	1	214	Front side	1730	0.623	-2.77	18.00	17.72	1.067	0.664	/
			108	54	Front side	1730	0.712	0.68	18.00	17.78	1.052	0.749	/
			1	214	Back Side	1730	0.696	3.52	18.00	17.72	1.067	0.742	/
			108	54	Back Side	1730	0.797	2.90	18.00	17.78	1.052	0.838	116
			1	214	Left Side	1730	0.226	0.75	18.00	17.72	1.067	0.241	/
			108	54	Left Side	1730	0.259	0.32	18.00	17.78	1.052	0.272	/
			1	214	Right Side	1730	0.185	1.96	18.00	17.72	1.067	0.197	/
			108	54	Right Side	1730	0.208	-0.22	18.00	17.78	1.052	0.219	/
			1	214	Top Side	1730	0.472	3.64	18.00	17.72	1.067	0.503	/
			108	54	Top Side	1730	0.543	2.13	18.00	17.78	1.052	0.571	/
NSA NR 71	20M	DFT_QPSK	1	104	Front side	673	0.192	-0.34	21.00	20.50	1.122	0.215	/
			50	25	Front side	680.5	0.217	-3.44	21.00	20.65	1.084	0.235	117
			1	104	Back Side	673	0.138	-0.21	21.00	20.50	1.122	0.155	/
			50	25	Back Side	680.5	0.154	-0.37	21.00	20.65	1.084	0.167	/
			1	104	Left Side	673	0.057	-0.64	21.00	20.50	1.122	0.064	/
			50	25	Left Side	680.5	0.062	3.90	21.00	20.65	1.084	0.067	/
			1	104	Right Side	673	0.089	-1.16	21.00	20.50	1.122	0.100	/
			50	25	Right Side	680.5	0.103	-2.60	21.00	20.65	1.084	0.112	/
			1	104	Bottom Side	673	0.099	3.76	21.00	20.50	1.122	0.111	/
			50	25	Bottom Side	680.5	0.112	2.34	21.00	20.65	1.084	0.121	/
NSA NR 78	100M	DFT_QPSK	1	271	Front side	3750	0.181	-3.57	18.00	17.65	1.084	0.196	/
			135	67	Front side	3750	0.202	-0.06	18.00	17.69	1.074	0.217	/
			1	271	Back Side	3750	0.23	-1.75	18.00	17.65	1.084	0.249	/
			135	67	Back Side	3750	0.253	-2.85	18.00	17.69	1.074	0.272	/
			1	271	Left Side	3750	0.071	-2.40	18.00	17.65	1.084	0.077	/
			135	67	Left Side	3750	0.081	3.97	18.00	17.69	1.074	0.087	/
			1	271	Right Side	3750	0.108	-1.47	18.00	17.65	1.084	0.117	/



			135	67	Right Side	3750	0.119	0.63	18.00	17.69	1.074	0.128	/
			1	271	Top Side	3750	0.326	-3.50	18.00	17.65	1.084	0.353	/
			135	67	Top Side	3750	0.363	-1.20	18.00	17.69	1.074	0.390	118
NSA LTE Band 2	20M	QPSK	1	99	Front side	1900	0.298	-0.20	16.80	16.59	1.050	0.313	/
			50	49	Front side	1860	0.258	-0.25	15.50	15.48	1.005	0.259	/
			1	99	Back Side	1900	0.333	-3.80	16.80	16.59	1.050	0.349	119
			50	49	Back Side	1860	0.289	3.82	15.50	15.48	1.005	0.290	/
			1	99	Left Side	1900	0.109	0.09	16.80	16.59	1.050	0.114	/
			50	49	Left Side	1860	0.094	2.86	15.50	15.48	1.005	0.094	/
			1	99	Right Side	1900	0.088	0.08	16.80	16.59	1.050	0.092	/
			50	49	Right Side	1860	0.08	2.29	15.50	15.48	1.005	0.080	/
			1	99	Top Side	1900	0.228	-1.28	16.80	16.59	1.050	0.239	/
			50	49	Top Side	1860	0.201	1.98	15.50	15.48	1.005	0.202	/
NSA LTE Band 4 ANT 4	20M	QPSK	1	0	Front side	1720	0.444	0.16	17.30	17.14	1.038	0.461	/
			50	0	Front side	1720	0.386	-0.91	16.00	15.95	1.012	0.390	/
			1	0	Back Side	1720	0.499	0.63	17.30	17.14	1.038	0.518	120
			50	0	Back Side	1720	0.434	-0.81	16.00	15.95	1.012	0.439	/
			1	0	Left Side	1720	0.163	2.40	17.30	17.14	1.038	0.169	/
			50	0	Left Side	1720	0.141	-0.98	16.00	15.95	1.012	0.143	/
			1	0	Right Side	1720	0.131	3.33	17.30	17.14	1.038	0.136	/
			50	0	Right Side	1720	0.117	0.36	16.00	15.95	1.012	0.118	/
			1	0	Top Side	1720	0.338	-1.55	17.30	17.14	1.038	0.351	/
			50	0	Top Side	1720	0.298	3.71	16.00	15.95	1.012	0.301	/
NSA LTE Band 5	10M	QPSK	1	0	Front side	836.5	0.226	-3.04	22.00	21.74	1.062	0.240	/
			25	0	Front side	829	0.195	1.37	21.50	21.14	1.086	0.212	/
			1	0	Back Side	836.5	0.242	-1.13	22.00	21.74	1.062	0.257	121
			25	0	Back Side	829	0.213	-3.88	21.50	21.14	1.086	0.231	/
			1	0	Left Side	836.5	0.068	-1.03	22.00	21.74	1.062	0.072	/
			25	0	Left Side	829	0.061	-2.53	21.50	21.14	1.086	0.066	/
			1	0	Right Side	836.5	0.113	1.74	22.00	21.74	1.062	0.120	/
			25	0	Right Side	829	0.098	3.96	21.50	21.14	1.086	0.106	/
			1	0	Bottom Side	836.5	0.121	-0.51	22.00	21.74	1.062	0.128	/
			25	0	Bottom Side	829	0.106	0.34	21.50	21.14	1.086	0.115	/
NSA LTE Band 7	20M	QPSK	1	0	Front side	2510	0.326	-2.43	16.00	15.62	1.091	0.356	/
			50	0	Front side	2510	0.285	0.91	14.70	14.51	1.045	0.298	/
			1	0	Back Side	2510	0.366	-2.95	16.00	15.62	1.091	0.399	122
			50	0	Back Side	2510	0.32	1.66	14.70	14.51	1.045	0.334	/



			1	0	Left Side	2510	0.117	1.52	16.00	15.62	1.091	0.128	/
			50	0	Left Side	2510	0.104	3.29	14.70	14.51	1.045	0.109	/
			1	0	Right Side	2510	0.099	-2.73	16.00	15.62	1.091	0.108	/
			50	0	Right Side	2510	0.089	-0.10	14.70	14.51	1.045	0.093	/
			1	0	Top Side	2510	0.252	2.49	16.00	15.62	1.091	0.275	/
			50	0	Top Side	2510	0.221	-2.29	14.70	14.51	1.045	0.231	/
NSA LTE Band 12	10M	QPSK	1	0	Front side	707.5	0.359	-0.86	22.00	21.73	1.064	0.382	123
			25	0	Front side	707.5	0.315	-0.84	21.00	20.66	1.081	0.341	/
			1	0	Back Side	707.5	0.304	1.10	22.00	21.73	1.064	0.323	/
			25	0	Back Side	707.5	0.267	2.06	21.00	20.66	1.081	0.289	/
			1	0	Left Side	707.5	0.087	2.07	22.00	21.73	1.064	0.093	/
			25	0	Left Side	707.5	0.075	-3.42	21.00	20.66	1.081	0.081	/
			1	0	Right Side	707.5	0.14	-3.38	22.00	21.73	1.064	0.149	/
			25	0	Right Side	707.5	0.122	-3.27	21.00	20.66	1.081	0.132	/
			1	0	Bottom Side	707.5	0.156	2.17	22.00	21.73	1.064	0.166	/
			25	0	Bottom Side	707.5	0.138	1.55	21.00	20.66	1.081	0.149	/
NSA LTE Band 14	10M	QPSK	1	0	Front side	793	0.112	-3.42	17.00	16.97	1.007	0.113	124
			25	0	Front side	793	0.097	-0.36	16.00	15.89	1.026	0.099	/
			1	0	Back Side	793	0.08	-3.60	17.00	16.97	1.007	0.081	/
			25	0	Back Side	793	0.072	0.46	16.00	15.89	1.026	0.074	/
			1	0	Left Side	793	0.034	0.85	17.00	16.97	1.007	0.034	/
			25	0	Left Side	793	0.029	1.96	16.00	15.89	1.026	0.030	/
			1	0	Right Side	793	0.054	0.11	17.00	16.97	1.007	0.054	/
			25	0	Right Side	793	0.047	2.39	16.00	15.89	1.026	0.048	/
			1	0	Bottom Side	793	0.059	-3.16	17.00	16.97	1.007	0.059	/
			25	0	Bottom Side	793	0.051	-1.16	16.00	15.89	1.026	0.052	/
NSA LTE Band 30	10M	QPSK	1	49	Front side	2310	0.541	-3.48	17.30	17.07	1.054	0.570	/
			36	24	Front side	2310	0.471	3.70	15.30	16.03	0.845	0.398	/
			1	49	Back Side	2310	0.568	-2.20	17.30	17.07	1.054	0.599	125
			36	24	Back Side	2310	0.498	-1.72	15.30	16.03	0.845	0.421	/
			1	49	Left Side	2310	0.252	3.26	17.30	17.07	1.054	0.266	/
			36	24	Left Side	2310	0.22	-3.66	15.30	16.03	0.845	0.186	/
			1	49	Right Side	2310	0.136	3.51	17.30	17.07	1.054	0.143	/
			36	24	Right Side	2310	0.109	3.52	15.30	16.03	0.845	0.092	/
			1	49	Top Side	2310	0.172	-0.73	17.30	17.07	1.054	0.181	/
			36	24	Top Side	2310	0.14	-2.79	15.30	16.03	0.845	0.118	/
NSA LTE	20M	QPSK	1	99	Front side	1770	0.541	-1.18	17.30	17.13	1.040	0.563	/



Band 66 ANT 2			50	0	Front side	1720	0.473	-0.19	16.00	15.88	1.028	0.486	/
			1	99	Back Side	1770	0.603	-3.86	17.30	17.13	1.040	0.627	126
			50	0	Back Side	1720	0.527	2.15	16.00	15.88	1.028	0.542	/
			1	99	Left Side	1770	0.193	0.54	17.30	17.13	1.040	0.201	/
			50	0	Left Side	1720	0.17	-2.71	16.00	15.88	1.028	0.175	/
			1	99	Right Side	1770	0.159	0.12	17.30	17.13	1.040	0.165	/
			50	0	Right Side	1720	0.139	3.97	16.00	15.88	1.028	0.143	/
			1	99	Top Side	1770	0.411	3.96	17.30	17.13	1.040	0.427	/
			50	0	Top Side	1720	0.361	-3.76	16.00	15.88	1.028	0.371	/
NSA LTE Band 66 ANT 4	20M	QPSK	1	99	Front side	1770	0.485	3.93	17.30	17.02	1.067	0.517	/
			50	0	Front side	1720	0.42	-0.54	16.00	15.78	1.052	0.442	/
			1	99	Back Side	1770	0.542	0.33	17.30	17.02	1.067	0.578	127
			50	0	Back Side	1720	0.471	2.00	16.00	15.78	1.052	0.495	/
			1	99	Left Side	1770	0.175	-3.88	17.30	17.02	1.067	0.187	/
			50	0	Left Side	1720	0.154	3.49	16.00	15.78	1.052	0.162	/
			1	99	Right Side	1770	0.144	1.16	17.30	17.02	1.067	0.154	/
			50	0	Right Side	1720	0.128	0.68	16.00	15.78	1.052	0.135	/
			1	99	Bottom Side	1770	0.369	-0.40	17.30	17.02	1.067	0.394	/
			50	0	Bottom Side	1720	0.324	-2.82	16.00	15.78	1.052	0.341	/
NSA LTE Band 71	20M	QPSK	1	99	Front side	673	0.228	-0.11	21.50	21.33	1.040	0.237	/
			50	49	Front side	673	0.202	-2.21	20.50	20.27	1.054	0.213	/
			1	99	Back Side	673	0.245	-2.99	21.50	21.33	1.040	0.255	128
			50	49	Back Side	673	0.215	1.99	20.50	20.27	1.054	0.227	/
			1	99	Left Side	673	0.07	3.14	21.50	21.33	1.040	0.073	/
			50	49	Left Side	673	0.062	2.14	20.50	20.27	1.054	0.065	/
			1	99	Right Side	673	0.116	1.06	21.50	21.33	1.040	0.121	/
			50	49	Right Side	673	0.099	-0.76	20.50	20.27	1.054	0.104	/
			1	99	Bottom Side	673	0.126	-0.70	21.50	21.33	1.040	0.131	/
			50	49	Bottom Side	673	0.111	-1.65	20.50	20.27	1.054	0.117	/



Band	Mode	Max SAR	NSA N5+B4
		(W/Kg)	
NSA N5+B4	SA N5	0.269	0.787
	LTE B4	0.518	
Band	Mode	Max SAR	NSA N5+B30
		(W/Kg)	
NSA N5+B30	SA N5	0.269	0.868
	LTE B30	0.599	
Band	Mode	Max SAR	NSA N5+B66
		(W/Kg)	
NSA N5+B66	SA N5	0.269	0.847
	LTE B66	0.578	
Band	Mode	Max SAR	NSA N41+B2
		(W/Kg)	
NSA N41+B2	SA N41	0.462	0.811
	LTE B2	0.349	
Band	Mode	Max SAR	NSA N41+B12
		(W/Kg)	
NSA N41+B12	SA N41	0.462	0.844
	LTE B12	0.382	
Band	Mode	Max SAR	NSA N41+B66
		(W/Kg)	
NSA N41+B66	SA N41	0.462	1.089
	LTE B66	0.627	
Band	Mode	Max SAR	NSA N66+B2
		(W/Kg)	
NSA N66+B2	SA N66	0.838	1.187
	LTE B2	0.349	
Band	Mode	Max SAR	NSA N66+B14
		(W/Kg)	
NSA N66+B14	SA N66	0.838	0.951
	LTE B14	0.113	
Band	Mode	Max SAR	NSA N66+B71
		(W/Kg)	
NSA N66+B71	SA N66	0.838	1.093
	LTE B71	0.255	
Band	Mode	Max SAR	NSA N78+B2
		(W/Kg)	
NSA N78+B2	SA N78	0.390	0.739
	LTE B2	0.349	
Band	Mode	Max SAR	NSA N78+B5
		(W/Kg)	
NSA N78+B5	SA N78	0.390	0.647
	LTE B5	0.257	
Band	Mode	Max SAR	NSA N78+B7
		(W/Kg)	
NSA N78+B7	SA N78	0.390	0.789
	LTE B7	0.399	



Band	Mode	Max SAR	NSA N78+B12
		(W/Kg)	
NSA N78+B12	SA N78	0.390	0.772
	LTE B12	0.382	
Band	Mode	Max SAR	NSA N78+B66
		(W/Kg)	
NSA N78+B66	SA N78	0.390	1.017
	LTE B66	0.627	

Note:

1. The test separation of all above table is 0mm.
2. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
3. When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "Portable Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.



12.4 Repeated SAR

Band	Mode	Test Position	Ch.	Result 1g (W/Kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaled SAR(W/Kg)
PCS 1900	GPRS Data-4 Slot	Back Side	1850.2	0.926	0.15	26.50	26.23	0.986
		Back Side	1880	1.015	-2.79	26.50	26.27	1.070
		Back Side	1909.8	0.889	-0.78	26.50	26.12	0.971
WCDMA Band II	RMC	Back Side	1907.6	0.709	1.43	23.00	22.64	0.770

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas.Output Power(dBm)	Scaled SAR(W/Kg)
LTE Band 2	20M	QPSK	1	0	Back Side	1800	0.946	-2.25	19.00	18.65	1.025
			50	49	Back Side	1860	0.822	2.33	18.50	18.23	0.875
LTE Band 4	20M	QPSK	1	0	Back Side	1720	0.849	1.64	19.50	19.29	0.891
			1	0	Back Side	1732.5	0.706	3.34	19.50	18.68	0.853
			1	0	Back Side	1745	0.693	-0.49	19.50	18.63	0.846
LTE Band 7	20M	QPSK	1	0	Right Cheek	2510	0.789	1.69	16.50	16.13	0.859
			1	0	Right Cheek	2535	0.718	2.35	16.50	15.80	0.844
			1	0	Right Cheek	2560	0.688	-3.45	16.50	15.77	0.815
			1	0	Right Tilt	2510	0.727	-0.38	16.50	16.13	0.791
			1	0	Left Cheek	2510	0.704	-1.85	16.50	16.13	0.766
			1	0	Back Side	2510	0.798	-0.80	18.00	17.82	0.832
			1	0	Back Side	2610	0.621	1.75	18.00	16.99	0.783
LTE Band 30	10M	QPSK	1	24	Back Side	2310	0.862	0.61	20.00	19.54	0.959
			1	24	Left Side	2310	0.763	-1.73	20.00	19.54	0.848
LTE Band 38	20M	QPSK	1	99	Right Cheek	2610	0.743	2.00	22.00	21.79	0.780
			1	99	Left Cheek	2580	0.887	-3.80	22.00	21.48	1.000
			1	99	Left Cheek	2595	0.865	0.81	22.00	21.47	0.977
			1	99	Left Cheek	2610	1.004	2.22	22.00	21.79	1.054
			50	24	Left Cheek	2580	0.884	-1.98	21.30	21.21	0.903
			50	24	Left Cheek	2595	0.806	1.93	21.30	21.15	0.834
			50	24	Left Cheek	2610	0.795	-2.71	21.30	21.17	0.819
			1	99	Left Tilt	2580	0.793	0.25	22.00	21.48	0.894
			1	99	Left Tilt	2595	0.746	-1.92	22.00	21.47	0.842
			1	99	Left Tilt	2610	0.896	-0.58	22.00	21.79	0.941
			50	24	Left Tilt	2580	0.783	-2.36	21.30	21.21	0.799
			1	99	Back Side	2595	0.748	3.19	24.50	24.22	0.798
			1	99	Back Side	2610	0.800	0.38	24.50	24.43	0.813



LTE Band 66	20M	QPSK	1	0	Back Side	1720	0.869	-1.61	19.50	19.32	0.906
			1	0	Back Side	1745	0.732	1.19	19.50	18.72	0.877
			1	0	Back Side	1770	0.773	0.69	19.50	18.82	0.904
			50	0	Back Side	1720	0.768	-0.42	19.00	18.83	0.799
SA N2	20M	DFT_BPSK	1	104	Back Side	1860	0.772	3.56	18.00	17.64	0.839
			1	104	Back Side	1880	0.911	-3.65	18.00	17.89	0.935
			1	104	Back Side	1900	0.844	1.50	18.00	17.76	0.892
			50	25	Back Side	1860	0.740	2.22	18.00	17.72	0.789
			50	25	Back Side	1880	0.780	-3.35	18.00	17.74	0.828
			50	25	Back Side	1900	0.804	-1.60	18.00	17.84	0.834
SA N66	40M	DFT_QPSK	1	214	Back Side	1730	0.844	-2.61	18.00	17.73	0.898
			1	214	Back Side	1745	0.757	-0.93	18.00	17.68	0.815
			1	214	Back Side	1760	0.797	-3.78	18.00	17.70	0.854
			108	54	Back Side	1730	0.956	-1.18	18.00	17.77	1.008
			108	54	Back Side	1745	0.833	1.04	18.00	17.66	0.901
			108	54	Back Side	1760	0.817	-1.34	18.00	17.66	0.884
SA N78	100M	DFT_QPSK	135	67	Back Side	3750	0.757	1.39	20.00	19.67	0.817
			1	271	Top Side	3750	0.986	1.78	20.00	19.64	1.071
			135	67	Top Side	3750	1.053	-3.53	20.00	19.87	1.085



12.5 Repeated SAR measurement

Band	Mode	Test Position	Ch.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
PCS 1900	GPRS Data-4 Slot	Back Side	1850.2	0.968	0.926	1.045
		Back Side	1880	1.022	1.015	1.007
		Back Side	1909.8	0.913	0.889	1.027
WCDMA Band II	RMC	Back Side	1907.6	0.743	0.709	1.048

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg) 1g (W/Kg)	1 st Repeated SAR 1g	Ratio
LTE Band 2	20M	QPSK	1	0	Back Side	1800	0.950	0.946	1.005
			50	49	Back Side	1860	0.83	0.822	1.009
LTE Band 4	20M	QPSK	1	0	Back Side	1720	0.884	0.849	1.041
			1	0	Back Side	1732.5	0.720	0.706	1.020
			1	0	Back Side	1745	0.706	0.693	1.019
LTE Band 7	20M	QPSK	1	0	Right Cheek	2510	0.830	0.789	1.052
			1	0	Right Cheek	2535	0.728	0.718	1.013
			1	0	Right Cheek	2560	0.694	0.688	1.008
			1	0	Right Tilt	2510	0.748	0.727	1.029
			1	0	Left Cheek	2510	0.739	0.704	1.050
			1	0	Back Side	2510	0.810	0.798	1.015
			1	0	Back Side	2610	0.648	0.621	1.044
LTE Band 30	10M	QPSK	1	24	Back Side	2310	0.868	0.862	1.006
			1	24	Left Side	2310	0.765	0.763	1.003
LTE Band 38	20M	QPSK	1	99	Right Cheek	2610	0.772	0.743	1.038
			1	99	Left Cheek	2580	0.932	0.887	1.051
			1	99	Left Cheek	2595	0.866	0.865	1.002
			1	99	Left Cheek	2610	1.027	1.004	1.022
			50	24	Left Cheek	2580	0.893	0.884	1.010
			50	24	Left Cheek	2595	0.812	0.806	1.008
			50	24	Left Cheek	2610	0.834	0.795	1.049
			1	99	Left Tilt	2580	0.824	0.793	1.039
			1	99	Left Tilt	2595	0.768	0.746	1.030
			1	99	Left Tilt	2610	0.929	0.896	1.036
			50	24	Left Tilt	2580	0.807	0.783	1.031
			1	99	Back Side	2595	0.756	0.748	1.011
			1	99	Back Side	2610	0.815	0.800	1.018
LTE Band 66	20M	QPSK	1	0	Back Side	1720	0.914	0.869	1.052
			1	0	Back Side	1745	0.755	0.732	1.031
			1	0	Back Side	1770	0.802	0.773	1.038
			50	0	Back Side	1720	0.794	0.768	1.034
SA N2	20M	DFT_BPSK	1	104	Back Side	1860	0.812	0.772	1.051
			1	104	Back Side	1880	0.925	0.911	1.015
			1	104	Back Side	1900	0.877	0.844	1.039
			50	25	Back Side	1860	0.753	0.740	1.018
			50	25	Back Side	1880	0.786	0.780	1.008
			50	25	Back Side	1900	0.834	0.804	1.037
SA N66	40M	DFT_QPSK	1	214	Back Side	1730	0.852	0.844	1.009
			1	214	Back Side	1745	0.785	0.757	1.037
			1	214	Back Side	1760	0.81	0.797	1.017



			108	54	Back Side	1730	0.958	0.956	1.002
			108	54	Back Side	1745	0.862	0.833	1.035
			108	54	Back Side	1760	0.855	0.817	1.046
SA N78	100M	DFT_QPSK	135	67	Back Side	3750	0.758	0.757	1.002
			1	271	Top Side	3750	0.991	0.986	1.005
			135	67	Top Side	3750	1.099	1.053	1.044

Note:

1. Per KDB 865664 D01, for each frequency band, repeated SAR measurement is required only when the measured SAR is $\geq 0.8\text{W/Kg}$.
2. Per KDB 865664 D01, if the ratio of largest to smallest SAR for the original and first repeated measurement is ≤ 1.2 and the measured SAR $< 1.45\text{W/Kg}$, only one repeated measurement is required.
3. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is $\geq 1.45\text{W/Kg}$.
4. The ratio is the difference in percentage between original and repeated measured SAR.



12.6 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1. GSM + 2.4GHz WLAN/5G WLAN+NFC
	2. GSM + Bluetooth+NFC
	3. WCDMA + 2.4GHz WLAN/5G WLAN+NFC
	4. WCDMA + Bluetooth+NFC
	5. LTE + 2.4GHz WLAN/5G WLAN+NFC
	6. LTE + Bluetooth+NFC
	7.SA + 2.4GHz WLAN+NFC
	8.SA + 5GHz WLAN+NFC
	9.SA+ Bluetooth+NFC
	10.NSA + 2.4GHz WLAN+NFC
	11.NSA + 5GHz WLAN+NFC
	12.NSA+ Bluetooth+NFC
Body/Limbs	1. GSM + 2.4GHz WLAN/5G WLAN+NFC
	2. GSM + Bluetooth+NFC
	3. WCDMA + 2.4GHz WLAN/5G WLAN+NFC
	4. WCDMA + Bluetooth+NFC
	5. LTE + 2.4GHz WLAN/5G WLAN+NFC
	6. LTE + Bluetooth+NFC
	7.SA + 2.4GHz WLAN+NFC
	8.SA + 5GHz WLAN+NFC
	9.SA+ Bluetooth+NFC
	10.NSA + 2.4GHz WLAN+NFC
	11.NSA + 5GHz WLAN+NFC
	12.NSA+ Bluetooth+NFC

NOTE:

1. Bluetooth and WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:



a) $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f} \text{ (GHz)} / x] \text{ W/kg}$
for test separation distances $\leq 50 \text{ mm}$;

Where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.

b) 0.4 W/Kg for 1-g SAR and 1.0 W/Kg for 10-g SAR, when the separation distance is $> 50 \text{ mm}$.

Estimated SAR		Maximum Turn-up Power		Antenna to user(mm)	Frequency(GHz)	Stand Alone SAR(1g) [W/kg]
		dBm	mW			
BT	Head	5	3.162	5	2.441	0.132
	Body			5	2.441	0.132
NFC	Head	-37	0.000200	5	0.01356	0.0000006
	Body			5	0.01356	0.0000006

Estimated SAR		Maximum Turn-up Power		Antenna to user(mm)	Frequency(GHz)	Stand Alone SAR(10g) [W/kg]
		dBm	mW			
BT	Head	5	3.162	5	2.441	0.053
	Body			5	2.441	0.053
NFC	Head	-37	0.000200	5	0.01356	0.0000002
	Body			5	0.01356	0.0000002



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN + NFC	Head	GSM	0.327	0.596
		NFC	0.0000006	
		2.4G WLAN	0.269	
	Body	GSM	1.079	1.495
		NFC	0.0000006	
		2.4G WLAN	0.416	
GSM + Bluetooth+ NFC	Head	GSM	0.327	0.459
		NFC	0.0000006	
		BT	0.132	
	Body	GSM	1.078	1.210
		NFC	0.0000006	
		BT	0.132	
GSM + 5G WLAN+ NFC	Head	GSM	0.327	0.743
		NFC	0.0000006	
		5G WLAN	0.416	
	Body	GSM	1.078	1.526
		NFC	0.0000006	
		5G WLAN	0.448	
WCDMA + 2.4G WLAN + NFC	Head	WCDMA	0.484	0.753
		NFC	0.0000006	
		2.4G WLAN	0.269	
	Body	WCDMA	0.807	1.223
		NFC	0.0000006	
		2.4G WLAN	0.416	
WCDMA + Bluetooth+ NFC	Head	WCDMA	0.484	0.616
		NFC	0.0000006	
		BT	0.132	
	Body	WCDMA	0.807	0.939
		NFC	0.0000006	
		BT	0.132	
WCDMA + 5G WLAN+ NFC	Head	WCDMA	0.484	0.900
		NFC	0.0000006	
		5G WLAN	0.416	
	Body	WCDMA	0.807	1.255
		NFC	0.0000006	
		5G WLAN	0.448	
LTE + 2.4G WLAN + NFC	Head	LTE	1.078	1.347
		NFC	0.0000006	
		2.4G WLAN	0.269	
	Body	LTE	1.030	1.446
		NFC	0.0000006	
		2.4G WLAN	0.416	



LTE + Bluetooth+ NFC	Head	LTE	1.078	1.210
		NFC	0.0000006	
		BT	0.132	
	Body	LTE	1.030	1.162
		NFC	0.0000006	
		BT	0.132	
LTE + 5G WLAN+ NFC	Head	LTE	1.078	1.494
		NFC	0.0000006	
		5G WLAN	0.416	
	Body	LTE	1.030	1.478
		NFC	0.0000006	
		5G WLAN	0.448	
NR SA + 2.4G WLAN + NFC	Head	NR SA	0.624	0.893
		NFC	0.0000006	
		2.4G WLAN	0.269	
	Body	NR SA	1.092	1.508
		NFC	0.0000006	
		2.4G WLAN	0.416	
NR SA + Bluetooth+ NFC	Head	NR SA	0.624	0.756
		NFC	0.0000006	
		BT	0.132	
	Body	NR SA	1.092	1.224
		NFC	0.0000006	
		BT	0.132	
NR SA + 5G WLAN+ NFC	Head	NR SA	0.624	1.040
		NFC	0.0000006	
		5G WLAN	0.416	
	Body	NR SA	1.092	1.540
		NFC	0.0000006	
		5G WLAN	0.448	
NSA + 2.4G WLAN + NFC	Head Right Cheek	NSA	1.352	1.449
		NFC	0.0000006	
		2.4G WLAN	0.097	
	Head Left Tilt	NSA	1.008	1.277
		NFC	0.0000006	
		2.4G WLAN	0.269	
	Body Back Side	NSA	1.274	1.574
		NFC	0.0000006	
		2.4G WLAN	0.300	
	Body Top Side	NSA	0.818	1.234
		NFC	0.0000006	
		2.4G WLAN	0.416	
NSA + Bluetooth+ NFC	Head	NSA	1.352	1.484
		NFC	0.0000006	
		BT	0.132	
	Body	NSA	1.274	1.406
		NFC	0.0000006	
		BT	0.132	



NSA + 5G WLAN+ NFC	Head Right Cheek	NSA	1.352	1.503
		NFC	0.0000006	
		5G WLAN	0.151	
	Head Left Tilt	NSA	1.008	1.456
		NFC	0.0000006	
		5G WLAN	0.448	
	Body Back Side	NSA	1.274	1.558
		NFC	0.0000006	
		5G WLAN	0.284	
	Body Top Side	NSA	0.818	1.266
		NFC	0.0000006	
		5G WLAN	0.448	

Simultaneous Mode	Position	Mode	Max. 10-g SAR	10-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN + NFC	Limbs	GSM	1.302	1.750
		NFC	0.0000002	
		2.4G WLAN	0.448	
GSM + Bluetooth+ NFC	Limbs	GSM	1.302	1.355
		NFC	0.0000002	
		BT	0.053	
GSM + 5G WLAN+ NFC	Limbs	GSM	1.302	2.451
		NFC	0.0000002	
		5G WLAN	1.149	
WCDMA + 2.4G WLAN + NFC	Limbs	WCDMA	0.825	1.273
		NFC	0.0000002	
		2.4G WLAN	0.448	
WCDMA + Bluetooth+ NFC	Limbs	WCDMA	0.825	0.878
		NFC	0.0000002	
		BT	0.053	
WCDMA + 5G WLAN+ NFC	Limbs	WCDMA	0.825	1.974
		NFC	0.0000002	
		5G WLAN	1.149	
LTE + 2.4G WLAN + NFC	Limbs	LTE	0.981	1.429
		NFC	0.0000002	
		2.4G WLAN	0.448	
LTE + Bluetooth+ NFC	Limbs	LTE	0.981	1.034
		NFC	0.0000002	
		BT	0.053	
LTE + 5G WLAN+ NFC	Limbs	LTE	0.981	2.130
		NFC	0.0000002	
		5G WLAN	1.149	
NR SA + 2.4G WLAN + NFC	Limbs	NR SA	0.828	1.276
		NFC	0.0000002	
		2.4G WLAN	0.448	
NR SA + Bluetooth+ NFC	Limbs	NR SA	0.828	0.881
		NFC	0.0000002	
		BT	0.053	
	Limbs	NR SA	0.828	1.977



NR SA + 5G WLAN+ NFC		NFC	0.0000002	
		5G WLAN	1.149	
NSA + 2.4G WLAN + NFC	Limbs	NSA	1.187	1.635
		NFC	0.0000002	
		2.4G WLAN	0.448	
NSA + Bluetooth+ NFC	Limbs	NSA	1.187	1.240
		NFC	0.0000002	
		BT	0.053	
NSA + 5G WLAN+ NFC	Limbs	NSA	1.187	2.336
		NFC	0.0000002	
		5G WLAN	1.149	

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
750MHz Dipole	MVG	DIP0G750	SN 06/22 DIP0G750-638	2025.02.05	2028.02.04
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2025.02.05	2028.02.04
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2025.02.05	2028.02.04
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2025.02.05	2028.02.04
2300MHz Dipole	MVG	DIP2G300	SN 06/22 DIP2G100-644	2025.02.05	2028.02.04
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2025.02.05	2028.02.04
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2025.02.05	2028.02.04
3700MHz Dipole	MVG	DIP3G700	SN 06/22 DIP3G700-648	2025.02.05	2028.02.04
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2025.02.05	2028.02.04
E-Field Probe	MVG	EPGO364	SN 04/22 EPGO364	2025.02.05	2026.02.04
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2025.02.05	2026.02.04
Antenna	MVG	ANTA 73	SN 06/22 ANTA 73	N/A	N/A
Ellipsoid Phantom	MVG	ELLI 51	SN 06/22 ELLI 51	N/A	N/A
Phantom	MVG	SAM 148	SN 06/22 SAM148	N/A	N/A
Phone holder	MVG	MSH 117	SN 06/22 MSH 117	N/A	N/A
Laptop positioner	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDPCP	202203280013	N/A	N/A
Network Analyzer	ZVL	R&S	116184	2025.03.05	2026.03.04
Multi Meter	DMM6500	Keithley	4527252	2025.03.06	2026.03.05
Signal Generator	Keysight	N5182B	MY59100717	2025.03.05	2026.03.04
Wireless Communication Test Set	R&S	CMW500	137737	2025.03.05	2026.03.04
Power Sensor	R&S	Z11	116184	2025.03.05	2026.03.04
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2025.03.05	2026.03.04
Temperature hygrometer	N/A	TP101	N/A	2025.03.05	2026.03.04



Appendix A. System Validation Plots

Please refer to Appendix A of the attached report for details.

Appendix B. SAR Test Plots

Please refer to Appendix b of the attached report for details.

Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※