



n41	30	80	518598	1@215	DFT_BPSK	22.44
n41	30	80	518598	216@0	DFT_QPSK	21.65
n41	30	80	518598	108@54	DFT_QPSK	22.76
n41	30	80	518598	1@1	DFT_QPSK	22.49
n41	30	80	518598	1@215	DFT_QPSK	22.66
n41	30	80	518598	216@0	DFT_QAM16	20.67
n41	30	80	518598	108@54	DFT_QAM16	21.75
n41	30	80	518598	1@1	DFT_QAM16	21.48
n41	30	80	518598	1@215	DFT_QAM16	21.68
n41	30	80	518598	216@0	DFT_QAM64	20.16
n41	30	80	518598	108@54	DFT_QAM64	20.24
n41	30	80	518598	1@1	DFT_QAM64	19.59
n41	30	80	518598	1@215	DFT_QAM64	19.8
n41	30	80	518598	216@0	DFT_QAM256	18.1
n41	30	80	518598	108@54	DFT_QAM256	18.16
n41	30	80	518598	1@1	DFT_QAM256	17.69
n41	30	80	518598	1@215	DFT_QAM256	17.92
n41	30	80	518598	217@0	CP_QPSK	19.58
n41	30	80	518598	109@54	CP_QPSK	21.21
n41	30	80	518598	1@1	CP_QPSK	20.75
n41	30	80	518598	1@215	CP_QPSK	20.98
n41	30	80	518598	217@0	CP_QAM16	19.62
n41	30	80	518598	109@54	CP_QAM16	20.69
n41	30	80	518598	1@1	CP_QAM16	20.34
n41	30	80	518598	1@215	CP_QAM16	20.63
n41	30	80	518598	217@0	CP_QAM64	19.08
n41	30	80	518598	109@54	CP_QAM64	19.18
n41	30	80	518598	1@1	CP_QAM64	18.77
n41	30	80	518598	1@215	CP_QAM64	18.96
n41	30	80	518598	217@0	CP_QAM256	16.05
n41	30	80	518598	109@54	CP_QAM256	16.08
n41	30	80	518598	1@1	CP_QAM256	15.71
n41	30	80	518598	1@215	CP_QAM256	16.03
n41	30	80	529998	216@0	DFT_BPSK	22.35
n41	30	80	529998	108@54	DFT_BPSK	22.95
n41	30	80	529998	1@1	DFT_BPSK	21.88
n41	30	80	529998	1@215	DFT_BPSK	22.35
n41	30	80	529998	216@0	DFT_QPSK	21.81
n41	30	80	529998	108@54	DFT_QPSK	23.03
n41	30	80	529998	1@1	DFT_QPSK	22.13
n41	30	80	529998	1@215	DFT_QPSK	22.94
n41	30	80	529998	216@0	DFT_QAM16	20.79
n41	30	80	529998	108@54	DFT_QAM16	22.03
n41	30	80	529998	1@1	DFT_QAM16	21.18
n41	30	80	529998	1@215	DFT_QAM16	21.76
n41	30	80	529998	216@0	DFT_QAM64	20.36
n41	30	80	529998	108@54	DFT_QAM64	20.52
n41	30	80	529998	1@1	DFT_QAM64	19.26
n41	30	80	529998	1@215	DFT_QAM64	19.81
n41	30	80	529998	216@0	DFT_QAM256	17.93
n41	30	80	529998	108@54	DFT_QAM256	18.42
n41	30	80	529998	1@1	DFT_QAM256	17.33
n41	30	80	529998	1@215	DFT_QAM256	17.91
n41	30	80	529998	217@0	CP_QPSK	19.78



n41	30	80	529998	109@54	CP_QPSK	21.47
n41	30	80	529998	1@1	CP_QPSK	20.42
n41	30	80	529998	1@215	CP_QPSK	20.9
n41	30	80	529998	217@0	CP_QAM16	19.84
n41	30	80	529998	109@54	CP_QAM16	20.92
n41	30	80	529998	1@1	CP_QAM16	20.03
n41	30	80	529998	1@215	CP_QAM16	20.57
n41	30	80	529998	217@0	CP_QAM64	19.28
n41	30	80	529998	109@54	CP_QAM64	19.46
n41	30	80	529998	1@1	CP_QAM64	18.41
n41	30	80	529998	1@215	CP_QAM64	18.86
n41	30	80	529998	217@0	CP_QAM256	16.24
n41	30	80	529998	109@54	CP_QAM256	16.4
n41	30	80	529998	1@1	CP_QAM256	15.36
n41	30	80	529998	1@215	CP_QAM256	15.86
n41	30	90	508200	240@0	DFT_BPSK	22.28
n41	30	90	508200	120@60	DFT_BPSK	22.96
n41	30	90	508200	1@1	DFT_BPSK	22.3
n41	30	90	508200	1@243	DFT_BPSK	22.02
n41	30	90	508200	240@0	DFT_QPSK	21.76
n41	30	90	508200	120@60	DFT_QPSK	22.94
n41	30	90	508200	1@1	DFT_QPSK	22.34
n41	30	90	508200	1@243	DFT_QPSK	22.22
n41	30	90	508200	240@0	DFT_QAM16	20.81
n41	30	90	508200	120@60	DFT_QAM16	21.98
n41	30	90	508200	1@1	DFT_QAM16	21.54
n41	30	90	508200	1@243	DFT_QAM16	21.44
n41	30	90	508200	240@0	DFT_QAM64	20.27
n41	30	90	508200	120@60	DFT_QAM64	20.41
n41	30	90	508200	1@1	DFT_QAM64	19.62
n41	30	90	508200	1@243	DFT_QAM64	19.37
n41	30	90	508200	240@0	DFT_QAM256	18.23
n41	30	90	508200	120@60	DFT_QAM256	18.38
n41	30	90	508200	1@1	DFT_QAM256	17.34
n41	30	90	508200	1@243	DFT_QAM256	17.47
n41	30	90	508200	245@0	CP_QPSK	19.76
n41	30	90	508200	123@61	CP_QPSK	21.43
n41	30	90	508200	1@1	CP_QPSK	20.76
n41	30	90	508200	1@243	CP_QPSK	20.56
n41	30	90	508200	245@0	CP_QAM16	19.74
n41	30	90	508200	123@61	CP_QAM16	20.91
n41	30	90	508200	1@1	CP_QAM16	20.43
n41	30	90	508200	1@243	CP_QAM16	20.15
n41	30	90	508200	245@0	CP_QAM64	19.27
n41	30	90	508200	123@61	CP_QAM64	19.45
n41	30	90	508200	1@1	CP_QAM64	18.62
n41	30	90	508200	1@243	CP_QAM64	18.37
n41	30	90	508200	245@0	CP_QAM256	16.21
n41	30	90	508200	123@61	CP_QAM256	16.34
n41	30	90	508200	1@1	CP_QAM256	15.75
n41	30	90	508200	1@243	CP_QAM256	15.52
n41	30	90	518598	240@0	DFT_BPSK	22.04
n41	30	90	518598	120@60	DFT_BPSK	22.69
n41	30	90	518598	1@1	DFT_BPSK	22.08



n41	30	90	518598	1@243	DFT_BPSK	22.28
n41	30	90	518598	240@0	DFT_QPSK	21.58
n41	30	90	518598	120@60	DFT_QPSK	22.72
n41	30	90	518598	1@1	DFT_QPSK	22.15
n41	30	90	518598	1@243	DFT_QPSK	22.31
n41	30	90	518598	240@0	DFT_QAM16	20.57
n41	30	90	518598	120@60	DFT_QAM16	21.75
n41	30	90	518598	1@1	DFT_QAM16	20.98
n41	30	90	518598	1@243	DFT_QAM16	21.21
n41	30	90	518598	240@0	DFT_QAM64	20.06
n41	30	90	518598	120@60	DFT_QAM64	20.18
n41	30	90	518598	1@1	DFT_QAM64	19.31
n41	30	90	518598	1@243	DFT_QAM64	19.52
n41	30	90	518598	240@0	DFT_QAM256	18.02
n41	30	90	518598	120@60	DFT_QAM256	18.15
n41	30	90	518598	1@1	DFT_QAM256	17.42
n41	30	90	518598	1@243	DFT_QAM256	17.61
n41	30	90	518598	245@0	CP_QPSK	19.55
n41	30	90	518598	123@61	CP_QPSK	21.17
n41	30	90	518598	1@1	CP_QPSK	20.6
n41	30	90	518598	1@243	CP_QPSK	20.81
n41	30	90	518598	245@0	CP_QAM16	19.53
n41	30	90	518598	123@61	CP_QAM16	20.68
n41	30	90	518598	1@1	CP_QAM16	20.31
n41	30	90	518598	1@243	CP_QAM16	20.52
n41	30	90	518598	245@0	CP_QAM64	19.05
n41	30	90	518598	123@61	CP_QAM64	19.17
n41	30	90	518598	1@1	CP_QAM64	18.36
n41	30	90	518598	1@243	CP_QAM64	18.59
n41	30	90	518598	245@0	CP_QAM256	15.96
n41	30	90	518598	123@61	CP_QAM256	16.09
n41	30	90	518598	1@1	CP_QAM256	16.4
n41	30	90	518598	1@243	CP_QAM256	15.79
n41	30	90	528996	240@0	DFT_BPSK	22.26
n41	30	90	528996	120@60	DFT_BPSK	22.94
n41	30	90	528996	1@1	DFT_BPSK	21.76
n41	30	90	528996	1@243	DFT_BPSK	22.21
n41	30	90	528996	240@0	DFT_QPSK	21.74
n41	30	90	528996	120@60	DFT_QPSK	22.96
n41	30	90	528996	1@1	DFT_QPSK	21.78
n41	30	90	528996	1@243	DFT_QPSK	22.32
n41	30	90	528996	240@0	DFT_QAM16	20.7
n41	30	90	528996	120@60	DFT_QAM16	22
n41	30	90	528996	1@1	DFT_QAM16	20.6
n41	30	90	528996	1@243	DFT_QAM16	21.15
n41	30	90	528996	240@0	DFT_QAM64	20.24
n41	30	90	528996	120@60	DFT_QAM64	20.44
n41	30	90	528996	1@1	DFT_QAM64	18.98
n41	30	90	528996	1@243	DFT_QAM64	19.51
n41	30	90	528996	240@0	DFT_QAM256	18.19
n41	30	90	528996	120@60	DFT_QAM256	18.22
n41	30	90	528996	1@1	DFT_QAM256	17.14
n41	30	90	528996	1@243	DFT_QAM256	17.49
n41	30	90	528996	245@0	CP_QPSK	19.74



n41	30	90	528996	123@61	CP_QPSK	21.41
n41	30	90	528996	1@1	CP_QPSK	20.59
n41	30	90	528996	1@243	CP_QPSK	21.38
n41	30	90	528996	245@0	CP_QAM16	19.7
n41	30	90	528996	123@61	CP_QAM16	20.95
n41	30	90	528996	1@1	CP_QAM16	19.9
n41	30	90	528996	1@243	CP_QAM16	20.43
n41	30	90	528996	245@0	CP_QAM64	19.19
n41	30	90	528996	123@61	CP_QAM64	19.41
n41	30	90	528996	1@1	CP_QAM64	19.66
n41	30	90	528996	1@243	CP_QAM64	18.58
n41	30	90	528996	245@0	CP_QAM256	16.14
n41	30	90	528996	123@61	CP_QAM256	16.08
n41	30	90	528996	1@1	CP_QAM256	15.25
n41	30	90	528996	1@243	CP_QAM256	16.22
n41	30	100	509202	270@0	DFT_BPSK	22.2
n41	30	100	509202	135@67	DFT_BPSK	22.89
n41	30	100	509202	1@1	DFT_BPSK	22.08
n41	30	100	509202	1@271	DFT_BPSK	21.89
n41	30	100	509202	270@0	DFT_QPSK	21.67
n41	30	100	509202	135@67	DFT_QPSK	22.87
n41	30	100	509202	1@1	DFT_QPSK	22.17
n41	30	100	509202	1@271	DFT_QPSK	22.06
n41	30	100	509202	270@0	DFT_QAM16	20.7
n41	30	100	509202	135@67	DFT_QAM16	21.91
n41	30	100	509202	1@1	DFT_QAM16	20.96
n41	30	100	509202	1@271	DFT_QAM16	20.74
n41	30	100	509202	270@0	DFT_QAM64	20.16
n41	30	100	509202	135@67	DFT_QAM64	20.36
n41	30	100	509202	1@1	DFT_QAM64	19.34
n41	30	100	509202	1@271	DFT_QAM64	19.15
n41	30	100	509202	270@0	DFT_QAM256	18.2
n41	30	100	509202	135@67	DFT_QAM256	18.39
n41	30	100	509202	1@1	DFT_QAM256	18.2
n41	30	100	509202	1@271	DFT_QAM256	17.3
n41	30	100	509202	273@0	CP_QPSK	19.69
n41	30	100	509202	137@68	CP_QPSK	21.36
n41	30	100	509202	1@1	CP_QPSK	20.62
n41	30	100	509202	1@271	CP_QPSK	20.47
n41	30	100	509202	273@0	CP_QAM16	19.71
n41	30	100	509202	137@68	CP_QAM16	20.89
n41	30	100	509202	1@1	CP_QAM16	20.32
n41	30	100	509202	1@271	CP_QAM16	20.12
n41	30	100	509202	273@0	CP_QAM64	19.17
n41	30	100	509202	137@68	CP_QAM64	19.33
n41	30	100	509202	1@1	CP_QAM64	18.06
n41	30	100	509202	1@271	CP_QAM64	18.18
n41	30	100	509202	273@0	CP_QAM256	16.2
n41	30	100	509202	137@68	CP_QAM256	16.29
n41	30	100	509202	1@1	CP_QAM256	15.59
n41	30	100	509202	1@271	CP_QAM256	15.5
n41	30	100	518598	270@0	DFT_BPSK	22.01
n41	30	100	518598	135@67	DFT_BPSK	22.65
n41	30	100	518598	1@1	DFT_BPSK	21.94



n41	30	100	518598	1@271	DFT_BPSK	22.11
n41	30	100	518598	270@0	DFT_QPSK	21.54
n41	30	100	518598	135@67	DFT_QPSK	22.66
n41	30	100	518598	1@1	DFT_QPSK	21.99
n41	30	100	518598	1@271	DFT_QPSK	22.2
n41	30	100	518598	270@0	DFT_QAM16	20.51
n41	30	100	518598	135@67	DFT_QAM16	21.71
n41	30	100	518598	1@1	DFT_QAM16	20.81
n41	30	100	518598	1@271	DFT_QAM16	21.02
n41	30	100	518598	270@0	DFT_QAM64	20.05
n41	30	100	518598	135@67	DFT_QAM64	20.2
n41	30	100	518598	1@1	DFT_QAM64	19.17
n41	30	100	518598	1@271	DFT_QAM64	19.37
n41	30	100	518598	270@0	DFT_QAM256	18.01
n41	30	100	518598	135@67	DFT_QAM256	18.61
n41	30	100	518598	1@1	DFT_QAM256	17.29
n41	30	100	518598	1@271	DFT_QAM256	17.41
n41	30	100	518598	273@0	CP_QPSK	19.52
n41	30	100	518598	137@68	CP_QPSK	21.12
n41	30	100	518598	1@1	CP_QPSK	20.46
n41	30	100	518598	1@271	CP_QPSK	20.67
n41	30	100	518598	273@0	CP_QAM16	19.51
n41	30	100	518598	137@68	CP_QAM16	20.69
n41	30	100	518598	1@1	CP_QAM16	20.17
n41	30	100	518598	1@271	CP_QAM16	20.39
n41	30	100	518598	273@0	CP_QAM64	18.97
n41	30	100	518598	137@68	CP_QAM64	19.06
n41	30	100	518598	1@1	CP_QAM64	18.65
n41	30	100	518598	1@271	CP_QAM64	18.47
n41	30	100	518598	273@0	CP_QAM256	15.95
n41	30	100	518598	137@68	CP_QAM256	16.08
n41	30	100	518598	1@1	CP_QAM256	16.6
n41	30	100	518598	1@271	CP_QAM256	15.64
n41	30	100	528000	270@0	DFT_BPSK	22.24
n41	30	100	528000	135@67	DFT_BPSK	22.89
n41	30	100	528000	1@1	DFT_BPSK	21.79
n41	30	100	528000	1@271	DFT_BPSK	22.17
n41	30	100	528000	270@0	DFT_QPSK	21.72
n41	30	100	528000	135@67	DFT_QPSK	22.91
n41	30	100	528000	1@1	DFT_QPSK	21.88
n41	30	100	528000	1@271	DFT_QPSK	22.33
n41	30	100	528000	270@0	DFT_QAM16	20.72
n41	30	100	528000	135@67	DFT_QAM16	21.96
n41	30	100	528000	1@1	DFT_QAM16	20.8
n41	30	100	528000	1@271	DFT_QAM16	21.29
n41	30	100	528000	270@0	DFT_QAM64	20.18
n41	30	100	528000	135@67	DFT_QAM64	20.42
n41	30	100	528000	1@1	DFT_QAM64	19.09
n41	30	100	528000	1@271	DFT_QAM64	19.53
n41	30	100	528000	270@0	DFT_QAM256	18.17
n41	30	100	528000	135@67	DFT_QAM256	18.4
n41	30	100	528000	1@1	DFT_QAM256	17.19
n41	30	100	528000	1@271	DFT_QAM256	17.07
n41	30	100	528000	273@0	CP_QPSK	19.68



n41	30	100	528000	137@68	CP_QPSK	21.4
n41	30	100	528000	1@1	CP_QPSK	20.54
n41	30	100	528000	1@271	CP_QPSK	20.86
n41	30	100	528000	273@0	CP_QAM16	19.64
n41	30	100	528000	137@68	CP_QAM16	20.89
n41	30	100	528000	1@1	CP_QAM16	19.87
n41	30	100	528000	1@271	CP_QAM16	20.28
n41	30	100	528000	273@0	CP_QAM64	19.15
n41	30	100	528000	137@68	CP_QAM64	19.37
n41	30	100	528000	1@1	CP_QAM64	18.19
n41	30	100	528000	1@271	CP_QAM64	18.68
n41	30	100	528000	273@0	CP_QAM256	16.1
n41	30	100	528000	137@68	CP_QAM256	16.35
n41	30	100	528000	1@1	CP_QAM256	15.25
n41	30	100	528000	1@271	CP_QAM256	15.77



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	20.26
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	20.77
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	20.76
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	20.68
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	19.74
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	20.78
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	20.73
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	20.64
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	18.69
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	19.81
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	19.84
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	19.8
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	18.24
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	18.63
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	18
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	17.88
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	16.62
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	16.16
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	16.47
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	16.19
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	17.73
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	19.29
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	19.22
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	19.16
n77(3450-3550)	30	10	630334	24@0	CP_QAM16	18.03
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	18.22
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	18.73
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	18.58
n77(3450-3550)	30	10	630334	24@0	CP_QAM64	17.25
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	17.27
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	17.04
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	16.97
n77(3450-3550)	30	10	630334	24@0	CP_QAM256	14.22
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	14.24
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	14.23
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	14.13
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	20.2
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	20.72
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	20.71
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	20.69
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	19.72
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	20.72
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	20.68
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	20.64
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	18.68
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	19.76
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	19.86
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	19.85
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	18.65
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	18.19
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	17.88
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	17.96



n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	16.19
n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	16.46
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	16.21
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	16.19
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	17.69
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	19.24
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	19.21
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	19.15
n77(3450-3550)	30	10	633334	24@0	CP_QAM16	18.52
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	18.71
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	18.68
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	18.61
n77(3450-3550)	30	10	633334	24@0	CP_QAM64	17.46
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	17.18
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	17.23
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	17.2
n77(3450-3550)	30	10	633334	24@0	CP_QAM256	14.18
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	14.26
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	14.18
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	14.15
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	20.42
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	20.97
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	20.88
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	20.89
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	19.9
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	20.9
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	20.86
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	20.84
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	18.88
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	19.96
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	20.04
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	20
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	18.39
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	18.41
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	18.23
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	18.08
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	16.31
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	16.33
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	16.41
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	16.22
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	18.41
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	19.45
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	19.36
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	19.31
n77(3450-3550)	30	10	636332	24@0	CP_QAM16	17.95
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	18.91
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	18.83
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	18.75
n77(3450-3550)	30	10	636332	24@0	CP_QAM64	17.26
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	17.39
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	17.42
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	17.39
n77(3450-3550)	30	10	636332	24@0	CP_QAM256	14.53
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	14.4



n77(3450-3550)	30	10	636332	1@1	CP_QAM256	14.36
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	14.32
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	20.27
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	20.8
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	20.78
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	20.68
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	19.79
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	20.82
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	20.74
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	20.65
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	18.75
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	19.76
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	19.73
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	19.63
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	18.26
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	18.32
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	17.98
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	17.42
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	18.09
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	16.18
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	16.36
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	16.2
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	17.74
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	19.3
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	19.24
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	19.17
n77(3450-3550)	30	15	630500	38@0	CP_QAM16	18.36
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	18.74
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	18.7
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	18.59
n77(3450-3550)	30	15	630500	38@0	CP_QAM64	17.75
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	17.23
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	17.3
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	17.19
n77(3450-3550)	30	15	630500	38@0	CP_QAM256	14.63
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	14.21
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	14.25
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	14.17
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	20.26
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	20.8
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	20.74
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	20.64
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	19.74
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	20.76
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	20.71
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	20.61
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	19.41
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	19.72
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	19.68
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	19.61
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	18.36
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	18.26
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	17.93
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	18.22



n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	18.05
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	16.13
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	16.23
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	16.22
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	18.66
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	19.24
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	19.28
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	19.15
n77(3450-3550)	30	15	633334	38@0	CP_QAM16	17.75
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	18.71
n77(3450-3550)	30	15	633334	1@1	CP_QAM16	18.7
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	18.57
n77(3450-3550)	30	15	633334	38@0	CP_QAM64	17.19
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	17.23
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	17.25
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	17.41
n77(3450-3550)	30	15	633334	38@0	CP_QAM256	14.21
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	14.32
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	14.22
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	14.11
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	20.45
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	20.97
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	20.89
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	20.84
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	19.93
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	20.96
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	20.89
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	20.78
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	19.55
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	19.95
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	20.06
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	19.95
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	18.44
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	18.46
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	18.13
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	18.06
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	16.4
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	16.34
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	16.33
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	16.33
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	17.92
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	19.48
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	19.38
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	19.28
n77(3450-3550)	30	15	636166	38@0	CP_QAM16	18.22
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	18.88
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	18.83
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	18.78
n77(3450-3550)	30	15	636166	38@0	CP_QAM64	17.36
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	17.41
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	17.46
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	17.34
n77(3450-3550)	30	15	636166	38@0	CP_QAM256	14.38
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	14.37



n77(3450-3550)	30	15	636166	1@1	CP_QAM256	14.26
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	14.29
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	19.92
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	20.44
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	20.37
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	20.28
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	19.43
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	20.45
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	20.28
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	20.18
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.41
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	19.42
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	19.41
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	19.28
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	17.87
n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	17.95
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	17.93
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	17.77
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	15.86
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	15.83
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	15.79
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	15.67
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	17.36
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	18.97
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	18.88
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	18.79
n77(3450-3550)	30	20	630668	51@0	CP_QAM16	17.38
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	18.39
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	18.32
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	18.15
n77(3450-3550)	30	20	630668	51@0	CP_QAM64	16.88
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	16.84
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	16.76
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	16.63
n77(3450-3550)	30	20	630668	51@0	CP_QAM256	13.87
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	13.87
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	13.91
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	13.76
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	19.83
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	20.38
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	20.29
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	20.1
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	19.34
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	20.38
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	20.2
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	20.03
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.31
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	19.34
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	19.32
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	19.15
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	17.77
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	17.84
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	17.83
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	17.63



n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	15.79
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	15.76
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	15.68
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	15.52
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	17.29
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	18.88
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	18.83
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	18.64
n77(3450-3550)	30	20	633334	51@0	CP_QAM16	17.29
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	18.32
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	18.29
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	18.03
n77(3450-3550)	30	20	633334	51@0	CP_QAM64	16.76
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	16.8
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	16.7
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	16.53
n77(3450-3550)	30	20	633334	51@0	CP_QAM256	13.78
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	13.8
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	13.85
n77(3450-3550)	30	20	633334	1@49	CP_QAM256	13.63
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	20
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	20.5
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	20.42
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	20.29
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	19.45
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	20.52
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	20.32
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	20.21
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.44
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	19.49
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	19.45
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	19.35
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	17.94
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	17.96
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	17.92
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	17.84
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	15.9
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	15.92
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	15.82
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	15.68
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	17.39
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	19.04
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	18.91
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	18.8
n77(3450-3550)	30	20	636000	51@0	CP_QAM16	17.42
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	18.45
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	18.31
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	18.24
n77(3450-3550)	30	20	636000	51@0	CP_QAM64	16.9
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	16.93
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	16.77
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	16.65
n77(3450-3550)	30	20	636000	51@0	CP_QAM256	13.92
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	13.93



n77(3450-3550)	30	20	636000	1@1	CP_QAM256	13.93
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	13.82
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	20.8
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	21.4
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	21.04
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	20.82
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	20.27
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	21.37
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	20.95
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	20.74
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	19.23
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	20.41
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	20.14
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	19.97
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	18.81
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	18.85
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	18.59
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	18.34
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	16.71
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	16.88
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	16.52
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	16.3
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	18.21
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	19.85
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	19.6
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	19.34
n77(3450-3550)	30	40	631334	106@0	CP_QAM16	18.21
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	19.35
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	19.04
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	18.8
n77(3450-3550)	30	40	631334	106@0	CP_QAM64	17.7
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	17.84
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	17.51
n77(3450-3550)	30	40	631334	1@104	CP_QAM64	17.34
n77(3450-3550)	30	40	631334	106@0	CP_QAM256	14.72
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	14.84
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	14.55
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	14.36
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	20.76
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	21.36
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	21.09
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	20.83
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	20.25
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	21.37
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	20.99
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	20.74
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	19.22
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	20.37
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	20.25
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	19.94
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	18.75
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	18.85
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	18.62
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	18.39



n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	16.71
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	16.84
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	16.55
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	16.28
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	18.2
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	19.84
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	19.66
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	19.37
n77(3450-3550)	30	40	633334	106@0	CP_QAM16	18.19
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	19.32
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	19.13
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	18.8
n77(3450-3550)	30	40	633334	106@0	CP_QAM64	17.69
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	17.81
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	17.57
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	17.37
n77(3450-3550)	30	40	633334	106@0	CP_QAM256	14.69
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	14.83
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	14.64
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	14.37
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	20.8
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	21.45
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	21.01
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	20.83
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	20.29
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	21.47
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	20.93
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	20.73
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	19.25
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	20.4
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	20.14
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	19.95
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	18.79
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	18.93
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	18.55
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	18.36
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	16.75
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	16.9
n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	16.47
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	16.27
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	18.2
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	19.88
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	19.55
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	19.37
n77(3450-3550)	30	40	635332	106@0	CP_QAM16	18.22
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	19.37
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	19
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	18.82
n77(3450-3550)	30	40	635332	106@0	CP_QAM64	17.73
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	17.87
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	17.44
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	17.3
n77(3450-3550)	30	40	635332	106@0	CP_QAM256	14.72
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	14.87



n77(3450-3550)	30	40	635332	1@1	CP_QAM256	14.53
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	14.34
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	20.85
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	21.39
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	21.33
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	21.04
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	20.32
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	21.36
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	21.29
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	20.92
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	19.34
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	20.41
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	20.47
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	20.17
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	18.8
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	18.9
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	18.86
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	18.54
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	16.79
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	16.85
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	16.78
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	16.48
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	18.27
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	19.89
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	19.9
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	19.55
n77(3450-3550)	30	50	631668	133@0	CP_QAM16	18.29
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	19.39
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	19.32
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	18.96
n77(3450-3550)	30	50	631668	133@0	CP_QAM64	17.78
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	17.85
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	17.8
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	17.43
n77(3450-3550)	30	50	631668	133@0	CP_QAM256	14.79
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	14.89
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	14.87
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	14.53
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	20.84
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	21.39
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	21.4
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	21.14
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	20.35
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	21.4
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	21.29
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	21.04
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	19.32
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	20.32
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	20.56
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	20.29
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	18.82
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	18.82
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	18.92
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	18.65



n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	16.79
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	16.81
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	16.85
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	16.57
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	18.32
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	19.81
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	19.96
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	19.68
n77(3450-3550)	30	50	633334	133@0	CP_QAM16	18.28
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	19.32
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	19.37
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	19.1
n77(3450-3550)	30	50	633334	133@0	CP_QAM64	17.78
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	17.8
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	17.84
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	17.57
n77(3450-3550)	30	50	633334	133@0	CP_QAM256	14.83
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	14.81
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	14.96
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	14.7
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	20.75
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	21.33
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	21.2
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	21.01
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	20.25
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	21.36
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	21.12
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	20.9
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	19.23
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	20.34
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	20.3
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	20.13
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	18.73
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	18.79
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	18.7
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	18.52
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	16.71
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	16.75
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	16.57
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	16.41
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	18.24
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	19.78
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	19.74
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	19.57
n77(3450-3550)	30	50	635000	133@0	CP_QAM16	18.21
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	19.26
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	19.12
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	18.95
n77(3450-3550)	30	50	635000	133@0	CP_QAM64	17.69
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	17.74
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	17.51
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	17.39
n77(3450-3550)	30	50	635000	133@0	CP_QAM256	14.7
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	14.75



n77(3450-3550)	30	50	635000	1@1	CP_QAM256	14.71
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	14.54
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	20.75
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	21.44
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	21.26
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	20.81
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	20.24
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	21.35
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	21.21
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	20.83
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	19.25
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	20.43
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	20.31
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	19.9
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	18.71
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	18.87
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	18.59
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	18.23
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	16.74
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	16.85
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	16.61
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	16.2
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	18.18
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	19.84
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	19.84
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	19.44
n77(3450-3550)	30	60	632000	162@0	CP_QAM16	18.24
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	19.38
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	19.15
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	19.62
n77(3450-3550)	30	60	632000	162@0	CP_QAM64	17.71
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	17.32
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	17.53
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	17.43
n77(3450-3550)	30	60	632000	162@0	CP_QAM256	14.71
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	14.31
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	14.78
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	14.33
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	20.8
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	21.36
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	21.24
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	20.94
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	20.25
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	21.36
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	21.2
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	20.92
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	19.26
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	20.3
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	19.98
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	19.71
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	18.26
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	18.79
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	18.19
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	18.19



n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	18.18
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	16.79
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	16.58
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	16.27
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	19.74
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	19.79
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	19.9
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	19.59
n77(3450-3550)	30	60	633334	162@0	CP_QAM16	18.21
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	19.31
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	19.16
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	19.77
n77(3450-3550)	30	60	633334	162@0	CP_QAM64	17.73
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	17.52
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	17.57
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	17.27
n77(3450-3550)	30	60	633334	162@0	CP_QAM256	14.19
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	14.76
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	14.52
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	14.5
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	20.72
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	21.27
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	21.17
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	20.81
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	20.21
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	21.31
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	21.15
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	20.83
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	19.22
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	20.3
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	19.84
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	19.55
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	18.13
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	18.75
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	18.13
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	18.09
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	16.67
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	16.73
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	16.59
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	16.12
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	19.24
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	19.69
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	19.72
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	19.38
n77(3450-3550)	30	60	634666	162@0	CP_QAM16	19.19
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	19.23
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	19.11
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	18.82
n77(3450-3550)	30	60	634666	162@0	CP_QAM64	17.25
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	17.7
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	17.58
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	17.23
n77(3450-3550)	30	60	634666	162@0	CP_QAM256	14.67
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	14.14



n77(3450-3550)	30	60	634666	1@1	CP_QAM256	14.7
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	14.7
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	21.06
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	21.68
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	21.32
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	21.09
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	20.75
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	21.68
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	21.27
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	21.02
n77(3450-3550)	30	70	632334	180@0	DFT_QAM16	19.69
n77(3450-3550)	30	70	632334	90@45	DFT_QAM16	20.85
n77(3450-3550)	30	70	632334	1@1	DFT_QAM16	20.7
n77(3450-3550)	30	70	632334	1@187	DFT_QAM16	20.51
n77(3450-3550)	30	70	632334	180@0	DFT_QAM64	19.23
n77(3450-3550)	30	70	632334	90@45	DFT_QAM64	19.34
n77(3450-3550)	30	70	632334	1@1	DFT_QAM64	18.75
n77(3450-3550)	30	70	632334	1@187	DFT_QAM64	18.43
n77(3450-3550)	30	70	632334	180@0	DFT_QAM256	18.88
n77(3450-3550)	30	70	632334	90@45	DFT_QAM256	17.3
n77(3450-3550)	30	70	632334	1@1	DFT_QAM256	16.55
n77(3450-3550)	30	70	632334	1@187	DFT_QAM256	16.88
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	18.7
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	20.36
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	20.03
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	19.83
n77(3450-3550)	30	70	632334	189@0	CP_QAM16	19.36
n77(3450-3550)	30	70	632334	95@47	CP_QAM16	19.84
n77(3450-3550)	30	70	632334	1@1	CP_QAM16	19.61
n77(3450-3550)	30	70	632334	1@187	CP_QAM16	19.42
n77(3450-3550)	30	70	632334	189@0	CP_QAM64	18.32
n77(3450-3550)	30	70	632334	95@47	CP_QAM64	18.31
n77(3450-3550)	30	70	632334	1@1	CP_QAM64	18.2
n77(3450-3550)	30	70	632334	1@187	CP_QAM64	17.84
n77(3450-3550)	30	70	632334	189@0	CP_QAM256	15.12
n77(3450-3550)	30	70	632334	95@47	CP_QAM256	15.23
n77(3450-3550)	30	70	632334	1@1	CP_QAM256	15.1
n77(3450-3550)	30	70	632334	1@187	CP_QAM256	14.7
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	21.09
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	21.67
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	21.27
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	21.1
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	20.77
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	21.69
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	21.23
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	21.06
n77(3450-3550)	30	70	633334	180@0	DFT_QAM16	19.73
n77(3450-3550)	30	70	633334	90@45	DFT_QAM16	20.84
n77(3450-3550)	30	70	633334	1@1	DFT_QAM16	20.67
n77(3450-3550)	30	70	633334	1@187	DFT_QAM16	20.48
n77(3450-3550)	30	70	633334	180@0	DFT_QAM64	19.28
n77(3450-3550)	30	70	633334	90@45	DFT_QAM64	19.33
n77(3450-3550)	30	70	633334	1@1	DFT_QAM64	18.71
n77(3450-3550)	30	70	633334	1@187	DFT_QAM64	18.54



n77(3450-3550)	30	70	633334	180@0	DFT_QAM256	17.18
n77(3450-3550)	30	70	633334	90@45	DFT_QAM256	17.23
n77(3450-3550)	30	70	633334	1@1	DFT_QAM256	17.05
n77(3450-3550)	30	70	633334	1@187	DFT_QAM256	16.92
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	19.98
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	20.33
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	20.03
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	19.82
n77(3450-3550)	30	70	633334	189@0	CP_QAM16	18.71
n77(3450-3550)	30	70	633334	95@47	CP_QAM16	19.81
n77(3450-3550)	30	70	633334	1@1	CP_QAM16	19.47
n77(3450-3550)	30	70	633334	1@187	CP_QAM16	19.25
n77(3450-3550)	30	70	633334	189@0	CP_QAM64	18.21
n77(3450-3550)	30	70	633334	95@47	CP_QAM64	18.03
n77(3450-3550)	30	70	633334	1@1	CP_QAM64	18.07
n77(3450-3550)	30	70	633334	1@187	CP_QAM64	17.86
n77(3450-3550)	30	70	633334	189@0	CP_QAM256	15.16
n77(3450-3550)	30	70	633334	95@47	CP_QAM256	15.2
n77(3450-3550)	30	70	633334	1@1	CP_QAM256	15.12
n77(3450-3550)	30	70	633334	1@187	CP_QAM256	14.82
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	21.1
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	21.66
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	21.38
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	21.03
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	20.78
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	21.69
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	21.37
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	20.99
n77(3450-3550)	30	70	634332	180@0	DFT_QAM16	19.74
n77(3450-3550)	30	70	634332	90@45	DFT_QAM16	20.84
n77(3450-3550)	30	70	634332	1@1	DFT_QAM16	20.58
n77(3450-3550)	30	70	634332	1@187	DFT_QAM16	20.24
n77(3450-3550)	30	70	634332	180@0	DFT_QAM64	19.26
n77(3450-3550)	30	70	634332	90@45	DFT_QAM64	19.29
n77(3450-3550)	30	70	634332	1@1	DFT_QAM64	18.86
n77(3450-3550)	30	70	634332	1@187	DFT_QAM64	18.23
n77(3450-3550)	30	70	634332	180@0	DFT_QAM256	18.96
n77(3450-3550)	30	70	634332	90@45	DFT_QAM256	17.31
n77(3450-3550)	30	70	634332	1@1	DFT_QAM256	17.2
n77(3450-3550)	30	70	634332	1@187	DFT_QAM256	17.32
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	19.63
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	20.34
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	20.12
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	19.77
n77(3450-3550)	30	70	634332	189@0	CP_QAM16	18.73
n77(3450-3550)	30	70	634332	95@47	CP_QAM16	19.78
n77(3450-3550)	30	70	634332	1@1	CP_QAM16	19.54
n77(3450-3550)	30	70	634332	1@187	CP_QAM16	19.2
n77(3450-3550)	30	70	634332	189@0	CP_QAM64	18.2
n77(3450-3550)	30	70	634332	95@47	CP_QAM64	18.29
n77(3450-3550)	30	70	634332	1@1	CP_QAM64	18.16
n77(3450-3550)	30	70	634332	1@187	CP_QAM64	17.82
n77(3450-3550)	30	70	634332	189@0	CP_QAM256	15.33
n77(3450-3550)	30	70	634332	95@47	CP_QAM256	15.25



n77(3450-3550)	30	70	634332	1@1	CP_QAM256	14.99
n77(3450-3550)	30	70	634332	1@187	CP_QAM256	14.65
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	20.76
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	21.37
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	21.14
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	20.72
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	20.23
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	21.4
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	21.07
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	20.67
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	19.23
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	20.38
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	20.19
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	19.79
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	18.07
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	18.86
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	18.38
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	18.27
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	16.06
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	16.79
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	16.4
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	16.16
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	19.09
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	19.84
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	19.64
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	19.25
n77(3450-3550)	30	80	632668	217@0	CP_QAM16	19.41
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	19.35
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	19.14
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	19.29
n77(3450-3550)	30	80	632668	217@0	CP_QAM64	17.7
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	17.83
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	17.73
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	17.09
n77(3450-3550)	30	80	632668	217@0	CP_QAM256	14.34
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	14.84
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	14.69
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	14.07
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	20.78
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	21.37
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	21.1
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	20.69
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	20.28
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	21.35
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	21.02
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	20.66
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	19.27
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	20.34
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	20.2
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	19.79
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	18.32
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	18.84
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	18.02
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	18.23



n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	16.23
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	16.77
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	16.33
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	16.1
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	18.2
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	19.83
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	19.61
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	19.2
n77(3450-3550)	30	80	633334	217@0	CP_QAM16	19.02
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	19.32
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	19.11
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	19.57
n77(3450-3550)	30	80	633334	217@0	CP_QAM64	17.7
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	17.49
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	17.52
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	17.05
n77(3450-3550)	30	80	633334	217@0	CP_QAM256	14.4
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	14.83
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	14.73
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	14.22
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	20.8
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	21.35
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	21.11
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	20.7
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	20.28
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	21.36
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	21.04
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	20.62
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	19.27
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	20.35
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	20.24
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	19.8
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	18.99
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	18.8
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	18.31
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	18.24
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	18.4
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	16.74
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	16.53
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	16.29
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	19.7
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	19.79
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	19.63
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	19.21
n77(3450-3550)	30	80	634000	217@0	CP_QAM16	18.22
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	19.28
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	19.11
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	18.97
n77(3450-3550)	30	80	634000	217@0	CP_QAM64	18.73
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	18.53
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	17.53
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	18.34
n77(3450-3550)	30	80	634000	217@0	CP_QAM256	14.74
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	14.82



n77(3450-3550)	30	80	634000	1@1	CP_QAM256	14.38
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	14.27
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	20.73
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	21.35
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	20.99
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	20.49
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	20.17
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	21.32
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	20.89
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	20.43
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	19.21
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	20.31
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	20.05
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	19.56
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	19.62
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	18.76
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	18.62
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	18
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	16.45
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	16.74
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	16.23
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	15.89
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	18.12
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	19.77
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	19.5
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	19.04
n77(3450-3550)	30	90	633000	245@0	CP_QAM16	19.19
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	19.28
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	19.12
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	18.43
n77(3450-3550)	30	90	633000	245@0	CP_QAM64	17.61
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	17.72
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	17.47
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	16.87
n77(3450-3550)	30	90	633000	245@0	CP_QAM256	14.23
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	14.78
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	14.55
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	14.19
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	20.73
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	21.35
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	20.94
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	20.54
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	20.22
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	21.35
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	20.88
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	20.47
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	19.17
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	20.35
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	20.03
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	19.62
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	18.56
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	18.83
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	18.53
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	18.06



n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	16.15
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	16.76
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	16.51
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	15.96
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	18.14
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	19.81
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	19.49
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	19.06
n77(3450-3550)	30	90	633334	245@0	CP_QAM16	19.53
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	19.29
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	19.33
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	18.55
n77(3450-3550)	30	90	633334	245@0	CP_QAM64	17.53
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	17.76
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	17.32
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	16.94
n77(3450-3550)	30	90	633334	245@0	CP_QAM256	14.62
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	14.78
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	14.54
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	14.13
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	20.73
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	21.34
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	21
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	20.54
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	20.24
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	21.34
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	20.95
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	20.5
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	19.21
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	20.35
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	20.07
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	19.64
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	18.65
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	18.79
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	18.45
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	18.09
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	16.26
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	16.8
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	16.08
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	15.96
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	18.2
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	19.78
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	19.53
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	19.15
n77(3450-3550)	30	90	633666	245@0	CP_QAM16	19.45
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	19.29
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	19.26
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	18.59
n77(3450-3550)	30	90	633666	245@0	CP_QAM64	17.31
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	17.75
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	17.37
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	17.36
n77(3450-3550)	30	90	633666	245@0	CP_QAM256	14.74
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	14.34



n77(3450-3550)	30	90	633666	1@1	CP_QAM256	14.57
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	14.21
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	20.67
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	21.35
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	20.94
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	20.4
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	20.15
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	21.36
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	20.85
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	20.4
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	19.17
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	20.33
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	19.98
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	19.49
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	18.09
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	18.81
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	18.86
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	17.93
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	16.89
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	16.75
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	16.29
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	16.88
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	18.11
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	19.78
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	19.45
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	18.93
n77(3450-3550)	30	100	633334	273@0	CP_QAM16	19.41
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	19.25
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	19.41
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	18.41
n77(3450-3550)	30	100	633334	273@0	CP_QAM64	17.77
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	17.74
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	17.07
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	16.79
n77(3450-3550)	30	100	633334	273@0	CP_QAM256	14.62
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	14.08
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	14.5
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	14.65



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	20.26
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	20.63
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	20.72
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	20.53
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	19.77
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	20.62
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	20.71
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	20.5
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	18.73
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	19.86
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	19.82
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	19.85
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	18.26
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	17.55
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	17.97
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	17.94
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	16.87
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	16.22
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	18.63
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	16.17
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	17.71
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	19.29
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	19.15
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	19.17
n77(3700-3980)	30	10	647000	24@0	CP_QAM16	18.38
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	18.73
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	18.6
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	18.63
n77(3700-3980)	30	10	647000	24@0	CP_QAM64	17.23
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	17.23
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	17.49
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	17.21
n77(3700-3980)	30	10	647000	24@0	CP_QAM256	14.24
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	14.22
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	14.15
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	14.19
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	20.21
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	20.53
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	20.42
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	20.51
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	19.67
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	20.51
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	20.39
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	20.5
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	18.66
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	19.67
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	19.55
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	19.63
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	18.11
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	18.13
n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	17.91
n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	17.88



n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	16.36
n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	16.12
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	16.09
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	16.14
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	17.65
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	19.18
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	19.08
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	19.14
n77(3700-3980)	30	10	656000	24@0	CP_QAM16	18.16
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	18.65
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	18.42
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	18.58
n77(3700-3980)	30	10	656000	24@0	CP_QAM64	17.11
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	17.33
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	17.14
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	17.24
n77(3700-3980)	30	10	656000	24@0	CP_QAM256	14.15
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	14.13
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	14.07
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	14.36
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	20.2
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	20.7
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	20.63
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	20.65
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	19.83
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	20.67
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	20.6
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	20.61
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	18.84
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	19.85
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	19.67
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	19.7
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	18.36
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	18.37
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	18.46
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	18.25
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	16.24
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	16.26
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	16.65
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	16.28
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	17.79
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	19.34
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	19.24
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	19.25
n77(3700-3980)	30	10	665000	24@0	CP_QAM16	17.85
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	18.88
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	18.66
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	18.69
n77(3700-3980)	30	10	665000	24@0	CP_QAM64	17.35
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	17.36
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	17.31
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	17.29
n77(3700-3980)	30	10	665000	24@0	CP_QAM256	14.26
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	14.25



n77(3700-3980)	30	10	665000	1@1	CP_QAM256	14.25
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	14.27
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	20.27
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	20.66
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	20.65
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	20.54
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	19.76
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	20.59
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	20.64
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	20.51
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	18.72
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	19.78
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	19.79
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	19.86
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	18.26
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	18.29
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	17.89
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	17.97
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	16.29
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	16.13
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	16.01
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	16.03
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	17.78
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	19.3
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	19.16
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	19.19
n77(3700-3980)	30	15	647168	38@0	CP_QAM16	17.77
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	18.23
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	18.61
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	18.66
n77(3700-3980)	30	15	647168	38@0	CP_QAM64	17.2
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	17.26
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	17.2
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	17.21
n77(3700-3980)	30	15	647168	38@0	CP_QAM256	14.21
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	14.06
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	14.15
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	14.17
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	20.18
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	20.56
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	20.37
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	20.51
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	19.68
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	20.54
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	20.31
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	20.45
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	18.67
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	19.72
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	19.71
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	19.82
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	18.21
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	18.2
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	17.76
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	18.83



n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	16.36
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	16.06
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	16.16
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	16.21
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	17.66
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	19.21
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	19.02
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	19.11
n77(3700-3980)	30	15	656000	38@0	CP_QAM16	17.66
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	18.65
n77(3700-3980)	30	15	656000	1@1	CP_QAM16	18.62
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	18.68
n77(3700-3980)	30	15	656000	38@0	CP_QAM64	17.1
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	17.11
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	16.93
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	17.23
n77(3700-3980)	30	15	656000	38@0	CP_QAM256	14.15
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	14.12
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	14.04
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	14.16
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	20.15
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	20.67
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	20.56
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	20.56
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	19.83
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	20.65
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	20.52
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	20.55
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	18.79
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	19.82
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	19.85
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	19.89
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	18.63
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	18.33
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	17.99
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	17.91
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	16.3
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	16.63
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	16.27
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	16.2
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	17.78
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	19.37
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	19.18
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	19.18
n77(3700-3980)	30	15	664832	38@0	CP_QAM16	17.81
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	18.78
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	18.78
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	18.66
n77(3700-3980)	30	15	664832	38@0	CP_QAM64	17.22
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	17.29
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	17.21
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	17.23
n77(3700-3980)	30	15	664832	38@0	CP_QAM256	14.2
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	14.21



n77(3700-3980)	30	15	664832	1@1	CP_QAM256	14.2
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	14.17
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	19.76
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	20.27
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	20.06
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	20.07
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	19.23
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	20.27
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	20
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	20.01
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.18
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	19.23
n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	19.14
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	19.14
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	17.71
n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	17.89
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	17.62
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	17.74
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	17.76
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	15.67
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	15.74
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	15.46
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.93
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	18.75
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	18.64
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	18.99
n77(3700-3980)	30	20	647334	51@0	CP_QAM16	17.19
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	17.93
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	18.02
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	17.97
n77(3700-3980)	30	20	647334	51@0	CP_QAM64	16.69
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	16.1
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	16.48
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	16.5
n77(3700-3980)	30	20	647334	51@0	CP_QAM256	13.88
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	13.66
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	13.68
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	13.58
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	19.83
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	20.3
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	20.11
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	20.19
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	19.29
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	20.29
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	20.02
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	20.11
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	19.77
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	19.29
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	19.15
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	19.24
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	17.17
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	17.77
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	17.04
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	17.7



n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	15.79
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	15.81
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	15.5
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	15.03
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	17.26
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	17.85
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	18.67
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	17.23
n77(3700-3980)	30	20	656000	51@0	CP_QAM16	17.26
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	18.27
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	17.96
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	18.11
n77(3700-3980)	30	20	656000	51@0	CP_QAM64	16.96
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	16.68
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	16.51
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	16.78
n77(3700-3980)	30	20	656000	51@0	CP_QAM256	13.74
n77(3700-3980)	30	20	656000	25@12	CP_QAM256	13.15
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	13.65
n77(3700-3980)	30	20	656000	1@49	CP_QAM256	13.96
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	19.86
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	20.17
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	20.2
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	20.05
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	19.34
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	20.21
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	20.1
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	19.98
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.31
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	19.37
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	19.2
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	19.26
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	17.73
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	17.85
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	17.51
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	17.72
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	15.72
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	15.78
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	15.07
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	15.63
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	17.3
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	17.5
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	18.74
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	17.88
n77(3700-3980)	30	20	664666	51@0	CP_QAM16	17.32
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	17.95
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	18.13
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	18.15
n77(3700-3980)	30	20	664666	51@0	CP_QAM64	16.64
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	16.8
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	16.51
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	16.57
n77(3700-3980)	30	20	664666	51@0	CP_QAM256	13.58
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	13.8



n77(3700-3980)	30	20	664666	1@1	CP_QAM256	13.74
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	13.72
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	20.75
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	21.21
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	20.59
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	20.72
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	20.25
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	21.21
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	20.53
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	20.61
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	19.22
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	20.37
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	19.86
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	19.96
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	18.49
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	18.87
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	18.79
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	18.48
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	16.69
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	16.19
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	16.28
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	16.67
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	19.79
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	19.85
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	19.31
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	19.47
n77(3700-3980)	30	40	648000	106@0	CP_QAM16	18.21
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	19.35
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	18.66
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	18.91
n77(3700-3980)	30	40	648000	106@0	CP_QAM64	17.18
n77(3700-3980)	30	40	648000	53@26	CP_QAM64	17.87
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	17.17
n77(3700-3980)	30	40	648000	1@104	CP_QAM64	17.38
n77(3700-3980)	30	40	648000	106@0	CP_QAM256	14.69
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	14.84
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	14.73
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	14.45
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	20.58
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	21.21
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	20.54
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	20.76
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	20.22
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	21.18
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	20.46
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	20.64
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	19.14
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	20.32
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	19.77
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	19.94
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	18.66
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	18.79
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	18.61
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	18.44



n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	16.63
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	16.13
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	16.17
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	16.6
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.67
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	19.78
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	19.27
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	19.48
n77(3700-3980)	30	40	656000	106@0	CP_QAM16	18.17
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	19.31
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	19.89
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	18.91
n77(3700-3980)	30	40	656000	106@0	CP_QAM64	17.67
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	17.82
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	17.17
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	17.13
n77(3700-3980)	30	40	656000	106@0	CP_QAM256	14.62
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	14.74
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	14.19
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	14.49
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	20.6
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	21.24
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	20.62
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	20.74
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	20.23
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	21.23
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	20.46
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	20.62
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	19.27
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	20.37
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	19.79
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	19.71
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	18.67
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	18.82
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	18.97
n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	18.43
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	16.7
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	16.77
n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	16.2
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	16.52
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	18.19
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	19.85
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	19.31
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	19.49
n77(3700-3980)	30	40	664000	106@0	CP_QAM16	19.77
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	19.39
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	19.95
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	18.88
n77(3700-3980)	30	40	664000	106@0	CP_QAM64	18.78
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	17.87
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	18.46
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	17.38
n77(3700-3980)	30	40	664000	106@0	CP_QAM256	14.71
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	14.81



n77(3700-3980)	30	40	664000	1@1	CP_QAM256	14.23
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	14.79
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	20.91
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	21.24
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	20.95
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	21.12
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	20.39
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	21.23
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	20.84
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	21.05
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	19.37
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	20.43
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	20.19
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	20.4
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	18.38
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	18.89
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	18.36
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	18.88
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	16.65
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	16.85
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	16.23
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	16.78
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	18.38
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	19.88
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	19.69
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	19.91
n77(3700-3980)	30	50	648334	133@0	CP_QAM16	19.36
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	19.42
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	19.11
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	19.31
n77(3700-3980)	30	50	648334	133@0	CP_QAM64	17.44
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	17.86
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	17.53
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	17.77
n77(3700-3980)	30	50	648334	133@0	CP_QAM256	14.85
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	14.25
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	14.67
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	14.26
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	20.63
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	21.21
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	20.85
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	21.04
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	20.32
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	21.18
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	20.73
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	20.98
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	19.26
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	20.33
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	20.1
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	20.31
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	18.94
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	18.8
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	18.28
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	18.78



n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	16.06
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	16.8
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	16.19
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	16.7
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	18.28
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	19.8
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	19.63
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	19.82
n77(3700-3980)	30	50	656000	133@0	CP_QAM16	19.29
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	19.31
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	19.04
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	19.22
n77(3700-3980)	30	50	656000	133@0	CP_QAM64	17.22
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	17.81
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	17.28
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	17.72
n77(3700-3980)	30	50	656000	133@0	CP_QAM256	14.18
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	14.8
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	14.34
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	14.72
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	20.48
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	21.07
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	20.67
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	20.84
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	20.11
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	21.02
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	20.55
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	20.77
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	19.11
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	20.19
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	19.95
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	19.92
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	18.05
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	18.67
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	18.89
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	18.62
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	16.16
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	16.66
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	16.29
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	16.85
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.92
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	19.66
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	19.43
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	19.63
n77(3700-3980)	30	50	663666	133@0	CP_QAM16	18.11
n77(3700-3980)	30	50	663666	67@33	CP_QAM16	19.15
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	19.05
n77(3700-3980)	30	50	663666	1@131	CP_QAM16	19.04
n77(3700-3980)	30	50	663666	133@0	CP_QAM64	17.18
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	17.64
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	17.93
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	17.51
n77(3700-3980)	30	50	663666	133@0	CP_QAM256	14.03
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	14.63



n77(3700-3980)	30	50	663666	1@1	CP_QAM256	14.13
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	14.55
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	20.84
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	21.28
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	20.78
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	20.99
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	20.36
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	21.22
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	20.67
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	20.91
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	19.34
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	20.42
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	20.09
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	20.3
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	18.66
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	18.86
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	18.97
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	18.75
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	16.5
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	16.87
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	16.44
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	16.28
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	18.28
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	19.87
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	19.52
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	19.73
n77(3700-3980)	30	60	648668	162@0	CP_QAM16	19.66
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	19.33
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	19.42
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	19.16
n77(3700-3980)	30	60	648668	162@0	CP_QAM64	17.41
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	17.8
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	17.43
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	17.54
n77(3700-3980)	30	60	648668	162@0	CP_QAM256	14.82
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	14.99
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	14.55
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	14.73
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	20.61
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	21.18
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	20.71
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	20.88
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	20.25
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	21.17
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	20.57
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	20.77
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	19.21
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	20.33
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	19.98
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	20.19
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	18.88
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	18.8
n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	18.08
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	18.62



n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	16.27
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	16.82
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	16.04
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	16.55
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.31
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	19.8
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	19.46
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	19.62
n77(3700-3980)	30	60	656000	162@0	CP_QAM16	18.17
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	19.29
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	19.57
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	19.12
n77(3700-3980)	30	60	656000	162@0	CP_QAM64	17.33
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	17.78
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	17.95
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	17.61
n77(3700-3980)	30	60	656000	162@0	CP_QAM256	14.67
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	14.97
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	14.4
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	14.09
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	20.49
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	21.11
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	20.55
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	20.79
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	20.17
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	21.14
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	20.48
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	20.69
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	19.13
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	20.28
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	19.81
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	19.8
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	18.74
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	18.75
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	18.29
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	18.2
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	16.44
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	16.88
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	16.19
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	16.46
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.5
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	19.68
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	19.36
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	19.59
n77(3700-3980)	30	60	663332	162@0	CP_QAM16	19.06
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	19.22
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	18.72
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	18.28
n77(3700-3980)	30	60	663332	162@0	CP_QAM64	17.57
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	17.17
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	17.15
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	16.99
n77(3700-3980)	30	60	663332	162@0	CP_QAM256	14.56
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	14.65



n77(3700-3980)	30	60	663332	1@1	CP_QAM256	14.06
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	14.45
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	21.26
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	21.87
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	21.27
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	21.6
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	20.77
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	21.88
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	21.25
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	21.54
n77(3700-3980)	30	70	649000	180@0	DFT_QAM16	19.93
n77(3700-3980)	30	70	649000	90@45	DFT_QAM16	20.84
n77(3700-3980)	30	70	649000	1@1	DFT_QAM16	20.7
n77(3700-3980)	30	70	649000	1@187	DFT_QAM16	20.69
n77(3700-3980)	30	70	649000	180@0	DFT_QAM64	19.47
n77(3700-3980)	30	70	649000	90@45	DFT_QAM64	19.52
n77(3700-3980)	30	70	649000	1@1	DFT_QAM64	19.3
n77(3700-3980)	30	70	649000	1@187	DFT_QAM64	19.03
n77(3700-3980)	30	70	649000	180@0	DFT_QAM256	17.65
n77(3700-3980)	30	70	649000	90@45	DFT_QAM256	17.49
n77(3700-3980)	30	70	649000	1@1	DFT_QAM256	17.09
n77(3700-3980)	30	70	649000	1@187	DFT_QAM256	17.39
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	18.94
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	20.56
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	20
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	20.28
n77(3700-3980)	30	70	649000	189@0	CP_QAM16	19.13
n77(3700-3980)	30	70	649000	95@47	CP_QAM16	19.98
n77(3700-3980)	30	70	649000	1@1	CP_QAM16	19.48
n77(3700-3980)	30	70	649000	1@187	CP_QAM16	19.8
n77(3700-3980)	30	70	649000	189@0	CP_QAM64	18.44
n77(3700-3980)	30	70	649000	95@47	CP_QAM64	18.5
n77(3700-3980)	30	70	649000	1@1	CP_QAM64	18.36
n77(3700-3980)	30	70	649000	1@187	CP_QAM64	18.35
n77(3700-3980)	30	70	649000	189@0	CP_QAM256	15.36
n77(3700-3980)	30	70	649000	95@47	CP_QAM256	15.42
n77(3700-3980)	30	70	649000	1@1	CP_QAM256	15.25
n77(3700-3980)	30	70	649000	1@187	CP_QAM256	15.24
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	20.95
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	21.57
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	20.86
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	21.21
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	20.46
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	21.6
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	20.85
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	21.17
n77(3700-3980)	30	70	656000	180@0	DFT_QAM16	19.62
n77(3700-3980)	30	70	656000	90@45	DFT_QAM16	20.54
n77(3700-3980)	30	70	656000	1@1	DFT_QAM16	19.75
n77(3700-3980)	30	70	656000	1@187	DFT_QAM16	20.1
n77(3700-3980)	30	70	656000	180@0	DFT_QAM64	19.14
n77(3700-3980)	30	70	656000	90@45	DFT_QAM64	19.21
n77(3700-3980)	30	70	656000	1@1	DFT_QAM64	18.61
n77(3700-3980)	30	70	656000	1@187	DFT_QAM64	18.31



n77(3700-3980)	30	70	656000	180@0	DFT_QAM256	17.07
n77(3700-3980)	30	70	656000	90@45	DFT_QAM256	17.21
n77(3700-3980)	30	70	656000	1@1	DFT_QAM256	17.12
n77(3700-3980)	30	70	656000	1@187	DFT_QAM256	17.01
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	18.6
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	20.23
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	19.59
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	19.65
n77(3700-3980)	30	70	656000	189@0	CP_QAM16	18.64
n77(3700-3980)	30	70	656000	95@47	CP_QAM16	19.7
n77(3700-3980)	30	70	656000	1@1	CP_QAM16	19.1
n77(3700-3980)	30	70	656000	1@187	CP_QAM16	19.35
n77(3700-3980)	30	70	656000	189@0	CP_QAM64	18.09
n77(3700-3980)	30	70	656000	95@47	CP_QAM64	18.23
n77(3700-3980)	30	70	656000	1@1	CP_QAM64	17.71
n77(3700-3980)	30	70	656000	1@187	CP_QAM64	17.97
n77(3700-3980)	30	70	656000	189@0	CP_QAM256	15.05
n77(3700-3980)	30	70	656000	95@47	CP_QAM256	15.14
n77(3700-3980)	30	70	656000	1@1	CP_QAM256	14.54
n77(3700-3980)	30	70	656000	1@187	CP_QAM256	14.91
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	21.07
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	21.69
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	21.02
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	21.25
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	20.58
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	21.67
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	20.99
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	21.18
n77(3700-3980)	30	70	663000	180@0	DFT_QAM16	19.73
n77(3700-3980)	30	70	663000	90@45	DFT_QAM16	20.66
n77(3700-3980)	30	70	663000	1@1	DFT_QAM16	20.14
n77(3700-3980)	30	70	663000	1@187	DFT_QAM16	20.35
n77(3700-3980)	30	70	663000	180@0	DFT_QAM64	19.28
n77(3700-3980)	30	70	663000	90@45	DFT_QAM64	19.33
n77(3700-3980)	30	70	663000	1@1	DFT_QAM64	18.66
n77(3700-3980)	30	70	663000	1@187	DFT_QAM64	18.73
n77(3700-3980)	30	70	663000	180@0	DFT_QAM256	17.23
n77(3700-3980)	30	70	663000	90@45	DFT_QAM256	17.3
n77(3700-3980)	30	70	663000	1@1	DFT_QAM256	16.83
n77(3700-3980)	30	70	663000	1@187	DFT_QAM256	17.05
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.99
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	20.2
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	19.49
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	19.68
n77(3700-3980)	30	70	663000	189@0	CP_QAM16	18.73
n77(3700-3980)	30	70	663000	95@47	CP_QAM16	19.8
n77(3700-3980)	30	70	663000	1@1	CP_QAM16	19.2
n77(3700-3980)	30	70	663000	1@187	CP_QAM16	19.48
n77(3700-3980)	30	70	663000	189@0	CP_QAM64	18.32
n77(3700-3980)	30	70	663000	95@47	CP_QAM64	18.35
n77(3700-3980)	30	70	663000	1@1	CP_QAM64	17.57
n77(3700-3980)	30	70	663000	1@187	CP_QAM64	17.81
n77(3700-3980)	30	70	663000	189@0	CP_QAM256	15.2
n77(3700-3980)	30	70	663000	95@47	CP_QAM256	15.24



n77(3700-3980)	30	70	663000	1@1	CP_QAM256	14.75
n77(3700-3980)	30	70	663000	1@187	CP_QAM256	14.88
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	21.03
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	21.43
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	20.66
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	21.01
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	20.51
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	21.38
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	20.65
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	21.01
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	19.49
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	20.59
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	19.77
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	20.12
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	19
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	19.06
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	18.41
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	18.56
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	18.97
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	16.98
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	16.16
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	16.68
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	18.5
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	20.06
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	19.68
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	19.98
n77(3700-3980)	30	80	649334	217@0	CP_QAM16	19.42
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	19.55
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	19.13
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	19.26
n77(3700-3980)	30	80	649334	217@0	CP_QAM64	17.99
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	17.4
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	17.29
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	17.6
n77(3700-3980)	30	80	649334	217@0	CP_QAM256	15.24
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	15.11
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	15.41
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	14.9
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	20.5
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	21.18
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	20.37
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	20.69
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	20.3
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	21.18
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	20.36
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	20.69
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	19.21
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	20.36
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	19.46
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	19.83
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	17.99
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	18.86
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	18.39
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	18.3



n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	16.91
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	16.8
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	16.89
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	16.42
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	18.2
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	19.86
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	19.34
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	19.72
n77(3700-3980)	30	80	656000	217@0	CP_QAM16	19.16
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	19.31
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	19.84
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	19.02
n77(3700-3980)	30	80	656000	217@0	CP_QAM64	17.69
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	17.4
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	17.11
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	17.84
n77(3700-3980)	30	80	656000	217@0	CP_QAM256	14.6
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	14.56
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	14.13
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	14.44
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	20.47
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	21.1
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	20.33
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	20.67
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	20.19
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	21.07
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	20.25
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	20.58
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	19.18
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	20.25
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	19.8
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	19.68
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	18.65
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	18.75
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	18.02
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	18.52
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	16.55
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	16.72
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	16.97
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	16.39
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	18.13
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	19.75
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	19.22
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	19.56
n77(3700-3980)	30	80	662666	217@0	CP_QAM16	19.08
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	19.23
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	19.8
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	18.99
n77(3700-3980)	30	80	662666	217@0	CP_QAM64	17.62
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	17.53
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	17.07
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	17.86
n77(3700-3980)	30	80	662666	217@0	CP_QAM256	14.56
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	14.53



n77(3700-3980)	30	80	662666	1@1	CP_QAM256	14.07
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	14.38
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	21.05
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	21.37
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	20.52
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	20.95
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	20.56
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	21.35
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	20.44
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	20.86
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	19.51
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	20.56
n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	19.96
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	20.37
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	19.01
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	19.1
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	18.74
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	18.82
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	16.98
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	17.04
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	16.91
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	16.73
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	20.06
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	20.03
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	19.43
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	19.84
n77(3700-3980)	30	90	649668	245@0	CP_QAM16	19.98
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	19.57
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	18.9
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	19.3
n77(3700-3980)	30	90	649668	245@0	CP_QAM64	18.99
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	18.03
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	18.11
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	17.68
n77(3700-3980)	30	90	649668	245@0	CP_QAM256	15.01
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	14.9
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	14.49
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	14.94
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	20.41
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	21.12
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	20.15
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	20.59
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	20.2
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	21.15
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	20.07
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	20.52
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	19.13
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	20.29
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	19.56
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	19.97
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	18.89
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	18.82
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	18.93
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	18.46



n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	16.37
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	16.75
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	15.95
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	15.6
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.9
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	19.8
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	19.07
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	19.48
n77(3700-3980)	30	90	656000	245@0	CP_QAM16	19.35
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	19.3
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	19.84
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	18.91
n77(3700-3980)	30	90	656000	245@0	CP_QAM64	17.62
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	16.58
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	16.92
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	16.52
n77(3700-3980)	30	90	656000	245@0	CP_QAM256	14.6
n77(3700-3980)	30	90	656000	123@61	CP_QAM256	13.62
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	13.95
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	13.56
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	20.36
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	21.05
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	20.12
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	20.49
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	20.09
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	21.03
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	20.02
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	20.38
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	19.06
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	20.15
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	19.54
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	19.52
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	18.5
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	18.7
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	18.47
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	18.31
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	16.54
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	15.66
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	15.92
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	15.33
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.47
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	19.66
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	19.02
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	19.48
n77(3700-3980)	30	90	662332	245@0	CP_QAM16	19.51
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	19.21
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	19.61
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	18.9
n77(3700-3980)	30	90	662332	245@0	CP_QAM64	17.43
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	17.66
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	16.88
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	17.33
n77(3700-3980)	30	90	662332	245@0	CP_QAM256	14.6
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	14.6



n77(3700-3980)	30	90	662332	1@1	CP_QAM256	14.5
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	14.32
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	21
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	21.46
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	20.38
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	20.85
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	20.43
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	21.38
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	20.3
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	20.75
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	19.47
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	20.59
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	19.81
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	20.27
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	19.55
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	19.11
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	19.45
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	18.77
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	17.28
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	17.07
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	16.91
n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	16.62
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	18.39
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	20.05
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	19.35
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	19.81
n77(3700-3980)	30	100	650000	273@0	CP_QAM16	19.44
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	19.56
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	19.97
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	19.21
n77(3700-3980)	30	100	650000	273@0	CP_QAM64	18.08
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	18.06
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	17.18
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	17.72
n77(3700-3980)	30	100	650000	273@0	CP_QAM256	14.97
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	14.31
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	14.4
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	14.65
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	20.47
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	21.12
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	19.95
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	20.46
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	20.19
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	21.13
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	19.88
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	20.41
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	19.13
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	20.29
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	19.39
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	19.86
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	18.45
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	18.77
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	18.34
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	18.37



n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	16.61
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	16.77
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	15.8
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	16.25
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.54
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	19.78
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	19.44
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	19.42
n77(3700-3980)	30	100	656000	273@0	CP_QAM16	19.43
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	19.27
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	19.84
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	18.81
n77(3700-3980)	30	100	656000	273@0	CP_QAM64	17.6
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	16.52
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	16.82
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	16.65
n77(3700-3980)	30	100	656000	273@0	CP_QAM256	14.54
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	14.68
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	14.45
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	14.27
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	20.37
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	21.04
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	19.95
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	20.38
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	20.08
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	21.01
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	19.85
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	20.27
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	19.12
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	20.19
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	19.41
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	19.42
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	18.55
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	18.69
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	18.05
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	18.27
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	16.3
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	16.67
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	16.57
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	16.17
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	18.02
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	19.69
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	19.05
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	19.36
n77(3700-3980)	30	100	662000	273@0	CP_QAM16	19.62
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	19.13
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	19.42
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	18.76
n77(3700-3980)	30	100	662000	273@0	CP_QAM64	17.51
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	16.19
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	16.75
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	16.58
n77(3700-3980)	30	100	662000	273@0	CP_QAM256	14.49
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	14.61



n77(3700-3980)	30	100	662000	1@1	CP_QAM256	14.02
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	14.16

NSA Power

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n41	30	10	500202	24@0	DFT_BPSK	19.96	PASS
n41	30	10	500202	12@6	DFT_BPSK	20.12	PASS
n41	30	10	500202	1@1	DFT_BPSK	20.33	PASS
n41	30	10	500202	1@22	DFT_BPSK	19.86	PASS
n41	30	10	500202	24@0	DFT_QPSK	19.46	PASS
n41	30	10	500202	12@6	DFT_QPSK	19.09	PASS
n41	30	10	500202	1@1	DFT_QPSK	19.04	PASS
n41	30	10	500202	1@22	DFT_QPSK	18.97	PASS
n41	30	10	500202	24@0	DFT_QAM16	19.1	PASS
n41	30	10	500202	12@6	DFT_QAM16	19.16	PASS
n41	30	10	500202	1@1	DFT_QAM16	19.38	PASS
n41	30	10	500202	1@22	DFT_QAM16	19.3	PASS
n41	30	10	500202	24@0	DFT_QAM64	19.08	PASS
n41	30	10	500202	12@6	DFT_QAM64	19.1	PASS
n41	30	10	500202	1@1	DFT_QAM64	18.9	PASS
n41	30	10	500202	1@22	DFT_QAM64	18.85	PASS
n41	30	10	500202	24@0	DFT_QAM256	17.55	PASS
n41	30	10	500202	12@6	DFT_QAM256	17.57	PASS
n41	30	10	500202	1@1	DFT_QAM256	17.64	PASS
n41	30	10	500202	1@22	DFT_QAM256	17.55	PASS
n41	30	10	500202	24@0	CP_QPSK	19.12	PASS
n41	30	10	500202	12@6	CP_QPSK	19.36	PASS
n41	30	10	500202	1@1	CP_QPSK	19.25	PASS
n41	30	10	500202	1@22	CP_QPSK	19.42	PASS
n41	30	10	500202	24@0	CP_QAM16	19.03	PASS
n41	30	10	500202	12@6	CP_QAM16	19.06	PASS
n41	30	10	500202	1@1	CP_QAM16	18.9	PASS
n41	30	10	500202	1@22	CP_QAM16	18.86	PASS
n41	30	10	500202	24@0	CP_QAM64	18.61	PASS
n41	30	10	500202	12@6	CP_QAM64	18.6	PASS
n41	30	10	500202	1@1	CP_QAM64	18.49	PASS
n41	30	10	500202	1@22	CP_QAM64	18.47	PASS
n41	30	10	500202	24@0	CP_QAM256	15.52	PASS
n41	30	10	500202	12@6	CP_QAM256	15.53	PASS
n41	30	10	500202	1@1	CP_QAM256	15.66	PASS
n41	30	10	500202	1@22	CP_QAM256	15.6	PASS
n41	30	10	518598	24@0	DFT_BPSK	18.56	PASS
n41	30	10	518598	12@6	DFT_BPSK	18.93	PASS
n41	30	10	518598	1@1	DFT_BPSK	18.84	PASS
n41	30	10	518598	1@22	DFT_BPSK	18.88	PASS
n41	30	10	518598	24@0	DFT_QPSK	18.92	PASS
n41	30	10	518598	12@6	DFT_QPSK	18.96	PASS
n41	30	10	518598	1@1	DFT_QPSK	18.81	PASS
n41	30	10	518598	1@22	DFT_QPSK	18.81	PASS
n41	30	10	518598	24@0	DFT_QAM16	18.91	PASS
n41	30	10	518598	12@6	DFT_QAM16	19	PASS
n41	30	10	518598	1@1	DFT_QAM16	19.17	PASS
n41	30	10	518598	1@22	DFT_QAM16	19.24	PASS



n41	30	10	518598	24@0	DFT_QAM64	18.91	PASS
n41	30	10	518598	12@6	DFT_QAM64	18.93	PASS
n41	30	10	518598	1@1	DFT_QAM64	18.65	PASS
n41	30	10	518598	1@22	DFT_QAM64	18.72	PASS
n41	30	10	518598	24@0	DFT_QAM256	17.38	PASS
n41	30	10	518598	12@6	DFT_QAM256	17.42	PASS
n41	30	10	518598	1@1	DFT_QAM256	17.35	PASS
n41	30	10	518598	1@22	DFT_QAM256	17.36	PASS
n41	30	10	518598	24@0	CP_QPSK	18.85	PASS
n41	30	10	518598	12@6	CP_QPSK	18.95	PASS
n41	30	10	518598	1@1	CP_QPSK	18.83	PASS
n41	30	10	518598	1@22	CP_QPSK	18.88	PASS
n41	30	10	518598	24@0	CP_QAM16	18.94	PASS
n41	30	10	518598	12@6	CP_QAM16	18.91	PASS
n41	30	10	518598	1@1	CP_QAM16	18.8	PASS
n41	30	10	518598	1@22	CP_QAM16	18.87	PASS
n41	30	10	518598	24@0	CP_QAM64	18.34	PASS
n41	30	10	518598	12@6	CP_QAM64	18.43	PASS
n41	30	10	518598	1@1	CP_QAM64	18.04	PASS
n41	30	10	518598	1@22	CP_QAM64	18.09	PASS
n41	30	10	518598	24@0	CP_QAM256	15.33	PASS
n41	30	10	518598	12@6	CP_QAM256	15.34	PASS
n41	30	10	518598	1@1	CP_QAM256	15.34	PASS
n41	30	10	518598	1@22	CP_QAM256	15.36	PASS
n41	30	10	537000	24@0	DFT_BPSK	19.04	PASS
n41	30	10	537000	12@6	DFT_BPSK	19.05	PASS
n41	30	10	537000	1@1	DFT_BPSK	19.02	PASS
n41	30	10	537000	1@22	DFT_BPSK	19.02	PASS
n41	30	10	537000	24@0	DFT_QPSK	19.07	PASS
n41	30	10	537000	12@6	DFT_QPSK	19.07	PASS
n41	30	10	537000	1@1	DFT_QPSK	18.99	PASS
n41	30	10	537000	1@22	DFT_QPSK	18.94	PASS
n41	30	10	537000	24@0	DFT_QAM16	19.09	PASS
n41	30	10	537000	12@6	DFT_QAM16	19.13	PASS
n41	30	10	537000	1@1	DFT_QAM16	19.36	PASS
n41	30	10	537000	1@22	DFT_QAM16	19.31	PASS
n41	30	10	537000	24@0	DFT_QAM64	19.05	PASS
n41	30	10	537000	12@6	DFT_QAM64	19.06	PASS
n41	30	10	537000	1@1	DFT_QAM64	18.79	PASS
n41	30	10	537000	1@22	DFT_QAM64	18.77	PASS
n41	30	10	537000	24@0	DFT_QAM256	15.23	PASS
n41	30	10	537000	12@6	DFT_QAM256	15.11	PASS
n41	30	10	537000	1@1	DFT_QAM256	15.06	PASS
n41	30	10	537000	1@22	DFT_QAM256	15.41	PASS
n41	30	10	537000	24@0	CP_QPSK	18.93	PASS
n41	30	10	537000	12@6	CP_QPSK	19.06	PASS
n41	30	10	537000	1@1	CP_QPSK	18.98	PASS
n41	30	10	537000	1@22	CP_QPSK	18.93	PASS
n41	30	10	537000	24@0	CP_QAM16	19.08	PASS
n41	30	10	537000	12@6	CP_QAM16	19.03	PASS
n41	30	10	537000	1@1	CP_QAM16	18.86	PASS
n41	30	10	537000	1@22	CP_QAM16	18.77	PASS
n41	30	10	537000	24@0	CP_QAM64	18.57	PASS
n41	30	10	537000	12@6	CP_QAM64	18.56	PASS



n41	30	10	537000	1@1	CP_QAM64	18.43	PASS
n41	30	10	537000	1@22	CP_QAM64	18.37	PASS
n41	30	10	537000	24@0	CP_QAM256	15.5	PASS
n41	30	10	537000	12@6	CP_QAM256	15.47	PASS
n41	30	10	537000	1@1	CP_QAM256	15.61	PASS
n41	30	10	537000	1@22	CP_QAM256	15.56	PASS
n41	30	15	500700	36@0	DFT_BPSK	19.69	PASS
n41	30	15	500700	18@9	DFT_BPSK	19.55	PASS
n41	30	15	500700	1@1	DFT_BPSK	20.16	PASS
n41	30	15	500700	1@36	DFT_BPSK	20.03	PASS
n41	30	15	500700	36@0	DFT_QPSK	19.07	PASS
n41	30	15	500700	18@9	DFT_QPSK	19.12	PASS
n41	30	15	500700	1@1	DFT_QPSK	19.03	PASS
n41	30	15	500700	1@36	DFT_QPSK	18.9	PASS
n41	30	15	500700	36@0	DFT_QAM16	19.1	PASS
n41	30	15	500700	18@9	DFT_QAM16	19.13	PASS
n41	30	15	500700	1@1	DFT_QAM16	19.3	PASS
n41	30	15	500700	1@36	DFT_QAM16	19.19	PASS
n41	30	15	500700	36@0	DFT_QAM64	19.14	PASS
n41	30	15	500700	18@9	DFT_QAM64	19.15	PASS
n41	30	15	500700	1@1	DFT_QAM64	18.89	PASS
n41	30	15	500700	1@36	DFT_QAM64	18.77	PASS
n41	30	15	500700	36@0	DFT_QAM256	17.6	PASS
n41	30	15	500700	18@9	DFT_QAM256	17.58	PASS
n41	30	15	500700	1@1	DFT_QAM256	17.64	PASS
n41	30	15	500700	1@36	DFT_QAM256	17.54	PASS
n41	30	15	500700	38@0	CP_QPSK	19.12	PASS
n41	30	15	500700	19@9	CP_QPSK	19.07	PASS
n41	30	15	500700	1@1	CP_QPSK	19.02	PASS
n41	30	15	500700	1@36	CP_QPSK	18.93	PASS
n41	30	15	500700	38@0	CP_QAM16	19.09	PASS
n41	30	15	500700	19@9	CP_QAM16	19.04	PASS
n41	30	15	500700	1@1	CP_QAM16	18.89	PASS
n41	30	15	500700	1@36	CP_QAM16	18.82	PASS
n41	30	15	500700	38@0	CP_QAM64	18.58	PASS
n41	30	15	500700	19@9	CP_QAM64	18.59	PASS
n41	30	15	500700	1@1	CP_QAM64	18.47	PASS
n41	30	15	500700	1@36	CP_QAM64	18.37	PASS
n41	30	15	500700	38@0	CP_QAM256	15.56	PASS
n41	30	15	500700	19@9	CP_QAM256	15.55	PASS
n41	30	15	500700	1@1	CP_QAM256	15.61	PASS
n41	30	15	500700	1@36	CP_QAM256	15.52	PASS
n41	30	15	518598	36@0	DFT_BPSK	18.69	PASS
n41	30	15	518598	18@9	DFT_BPSK	18.94	PASS
n41	30	15	518598	1@1	DFT_BPSK	18.82	PASS
n41	30	15	518598	1@36	DFT_BPSK	18.79	PASS
n41	30	15	518598	36@0	DFT_QPSK	18.9	PASS
n41	30	15	518598	18@9	DFT_QPSK	18.97	PASS
n41	30	15	518598	1@1	DFT_QPSK	18.77	PASS
n41	30	15	518598	1@36	DFT_QPSK	18.77	PASS
n41	30	15	518598	36@0	DFT_QAM16	18.95	PASS
n41	30	15	518598	18@9	DFT_QAM16	18.89	PASS
n41	30	15	518598	1@1	DFT_QAM16	19.22	PASS
n41	30	15	518598	1@36	DFT_QAM16	19.16	PASS



n41	30	15	518598	36@0	DFT_QAM64	18.91	PASS
n41	30	15	518598	18@9	DFT_QAM64	18.95	PASS
n41	30	15	518598	1@1	DFT_QAM64	18.91	PASS
n41	30	15	518598	1@36	DFT_QAM64	18.88	PASS
n41	30	15	518598	36@0	DFT_QAM256	17.44	PASS
n41	30	15	518598	18@9	DFT_QAM256	17.34	PASS
n41	30	15	518598	1@1	DFT_QAM256	17.18	PASS
n41	30	15	518598	1@36	DFT_QAM256	17.17	PASS
n41	30	15	518598	38@0	CP_QPSK	18.96	PASS
n41	30	15	518598	19@9	CP_QPSK	18.88	PASS
n41	30	15	518598	1@1	CP_QPSK	18.87	PASS
n41	30	15	518598	1@36	CP_QPSK	18.88	PASS
n41	30	15	518598	38@0	CP_QAM16	18.96	PASS
n41	30	15	518598	19@9	CP_QAM16	18.9	PASS
n41	30	15	518598	1@1	CP_QAM16	18.76	PASS
n41	30	15	518598	1@36	CP_QAM16	18.72	PASS
n41	30	15	518598	38@0	CP_QAM64	18.35	PASS
n41	30	15	518598	19@9	CP_QAM64	18.38	PASS
n41	30	15	518598	1@1	CP_QAM64	18.16	PASS
n41	30	15	518598	1@36	CP_QAM64	18.32	PASS
n41	30	15	518598	38@0	CP_QAM256	15.35	PASS
n41	30	15	518598	19@9	CP_QAM256	15.34	PASS
n41	30	15	518598	1@1	CP_QAM256	15.29	PASS
n41	30	15	518598	1@36	CP_QAM256	15.33	PASS
n41	30	15	536496	36@0	DFT_BPSK	19.69	PASS
n41	30	15	536496	18@9	DFT_BPSK	19.1	PASS
n41	30	15	536496	1@1	DFT_BPSK	19.03	PASS
n41	30	15	536496	1@36	DFT_BPSK	18.93	PASS
n41	30	15	536496	36@0	DFT_QPSK	19.14	PASS
n41	30	15	536496	18@9	DFT_QPSK	19.13	PASS
n41	30	15	536496	1@1	DFT_QPSK	18.97	PASS
n41	30	15	536496	1@36	DFT_QPSK	18.85	PASS
n41	30	15	536496	36@0	DFT_QAM16	19.11	PASS
n41	30	15	536496	18@9	DFT_QAM16	19.09	PASS
n41	30	15	536496	1@1	DFT_QAM16	19.28	PASS
n41	30	15	536496	1@36	DFT_QAM16	19.22	PASS
n41	30	15	536496	36@0	DFT_QAM64	19.12	PASS
n41	30	15	536496	18@9	DFT_QAM64	19.17	PASS
n41	30	15	536496	1@1	DFT_QAM64	18.83	PASS
n41	30	15	536496	1@36	DFT_QAM64	18.74	PASS
n41	30	15	536496	36@0	DFT_QAM256	17.57	PASS
n41	30	15	536496	18@9	DFT_QAM256	17.52	PASS
n41	30	15	536496	1@1	DFT_QAM256	17.56	PASS
n41	30	15	536496	1@36	DFT_QAM256	17.46	PASS
n41	30	15	536496	38@0	CP_QPSK	19.36	PASS
n41	30	15	536496	19@9	CP_QPSK	19.26	PASS
n41	30	15	536496	1@1	CP_QPSK	19.14	PASS
n41	30	15	536496	1@36	CP_QPSK	19.63	PASS
n41	30	15	536496	38@0	CP_QAM16	19.15	PASS
n41	30	15	536496	19@9	CP_QAM16	19.01	PASS
n41	30	15	536496	1@1	CP_QAM16	18.89	PASS
n41	30	15	536496	1@36	CP_QAM16	18.77	PASS
n41	30	15	536496	38@0	CP_QAM64	18.56	PASS
n41	30	15	536496	19@9	CP_QAM64	18.59	PASS



n41	30	15	536496	1@1	CP_QAM64	18.46	PASS
n41	30	15	536496	1@36	CP_QAM64	18.34	PASS
n41	30	15	536496	38@0	CP_QAM256	15.53	PASS
n41	30	15	536496	19@9	CP_QAM256	15.52	PASS
n41	30	15	536496	1@1	CP_QAM256	15.57	PASS
n41	30	15	536496	1@36	CP_QAM256	15.46	PASS
n41	30	20	501204	50@0	DFT_BPSK	21.68	PASS
n41	30	20	501204	25@12	DFT_BPSK	22.01	PASS
n41	30	20	501204	1@1	DFT_BPSK	21.9	PASS
n41	30	20	501204	1@49	DFT_BPSK	21.89	PASS
n41	30	20	501204	50@0	DFT_QPSK	20.99	PASS
n41	30	20	501204	25@12	DFT_QPSK	22.01	PASS
n41	30	20	501204	1@1	DFT_QPSK	21.98	PASS
n41	30	20	501204	1@49	DFT_QPSK	21.89	PASS
n41	30	20	501204	50@0	DFT_QAM16	20	PASS
n41	30	20	501204	25@12	DFT_QAM16	21.01	PASS
n41	30	20	501204	1@1	DFT_QAM16	20.94	PASS
n41	30	20	501204	1@49	DFT_QAM16	20.88	PASS
n41	30	20	501204	50@0	DFT_QAM64	19.48	PASS
n41	30	20	501204	25@12	DFT_QAM64	19.47	PASS
n41	30	20	501204	1@1	DFT_QAM64	19.3	PASS
n41	30	20	501204	1@49	DFT_QAM64	19.21	PASS
n41	30	20	501204	50@0	DFT_QAM256	17.45	PASS
n41	30	20	501204	25@12	DFT_QAM256	17.49	PASS
n41	30	20	501204	1@1	DFT_QAM256	17.13	PASS
n41	30	20	501204	1@49	DFT_QAM256	17.05	PASS
n41	30	20	501204	51@0	CP_QPSK	18.92	PASS
n41	30	20	501204	25@12	CP_QPSK	20.51	PASS
n41	30	20	501204	1@1	CP_QPSK	20.52	PASS
n41	30	20	501204	1@49	CP_QPSK	20.41	PASS
n41	30	20	501204	51@0	CP_QAM16	18.94	PASS
n41	30	20	501204	25@12	CP_QAM16	19.97	PASS
n41	30	20	501204	1@1	CP_QAM16	19.81	PASS
n41	30	20	501204	1@49	CP_QAM16	19.76	PASS
n41	30	20	501204	51@0	CP_QAM64	18.44	PASS
n41	30	20	501204	25@12	CP_QAM64	18.47	PASS
n41	30	20	501204	1@1	CP_QAM64	18.62	PASS
n41	30	20	501204	1@49	CP_QAM64	18.51	PASS
n41	30	20	501204	51@0	CP_QAM256	15.41	PASS
n41	30	20	501204	25@12	CP_QAM256	15.45	PASS
n41	30	20	501204	1@1	CP_QAM256	15.14	PASS
n41	30	20	501204	1@49	CP_QAM256	15	PASS
n41	30	20	518598	50@0	DFT_BPSK	21.46	PASS
n41	30	20	518598	25@12	DFT_BPSK	21.9	PASS
n41	30	20	518598	1@1	DFT_BPSK	21.72	PASS
n41	30	20	518598	1@49	DFT_BPSK	21.71	PASS
n41	30	20	518598	50@0	DFT_QPSK	20.88	PASS
n41	30	20	518598	25@12	DFT_QPSK	21.94	PASS
n41	30	20	518598	1@1	DFT_QPSK	21.8	PASS
n41	30	20	518598	1@49	DFT_QPSK	21.81	PASS
n41	30	20	518598	50@0	DFT_QAM16	19.94	PASS
n41	30	20	518598	25@12	DFT_QAM16	20.92	PASS
n41	30	20	518598	1@1	DFT_QAM16	20.77	PASS
n41	30	20	518598	1@49	DFT_QAM16	20.78	PASS



n41	30	20	518598	50@0	DFT_QAM64	19.41	PASS
n41	30	20	518598	25@12	DFT_QAM64	19.35	PASS
n41	30	20	518598	1@1	DFT_QAM64	19.1	PASS
n41	30	20	518598	1@49	DFT_QAM64	19.09	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.36	PASS
n41	30	20	518598	25@12	DFT_QAM256	17.38	PASS
n41	30	20	518598	1@1	DFT_QAM256	16.82	PASS
n41	30	20	518598	1@49	DFT_QAM256	16.89	PASS
n41	30	20	518598	51@0	CP_QPSK	19.63	PASS
n41	30	20	518598	25@12	CP_QPSK	19.56	PASS
n41	30	20	518598	1@1	CP_QPSK	19.75	PASS
n41	30	20	518598	1@49	CP_QPSK	19.25	PASS
n41	30	20	518598	51@0	CP_QAM16	19.55	PASS
n41	30	20	518598	25@12	CP_QAM16	19.89	PASS
n41	30	20	518598	1@1	CP_QAM16	19.61	PASS
n41	30	20	518598	1@49	CP_QAM16	19.64	PASS
n41	30	20	518598	51@0	CP_QAM64	18.36	PASS
n41	30	20	518598	25@12	CP_QAM64	18.37	PASS
n41	30	20	518598	1@1	CP_QAM64	18.39	PASS
n41	30	20	518598	1@49	CP_QAM64	18.36	PASS
n41	30	20	518598	51@0	CP_QAM256	15.35	PASS
n41	30	20	518598	25@12	CP_QAM256	15.36	PASS
n41	30	20	518598	1@1	CP_QAM256	14.92	PASS
n41	30	20	518598	1@49	CP_QAM256	14.91	PASS
n41	30	20	535998	50@0	DFT_BPSK	21.81	PASS
n41	30	20	535998	25@12	DFT_BPSK	22.11	PASS
n41	30	20	535998	1@1	DFT_BPSK	21.98	PASS
n41	30	20	535998	1@49	DFT_BPSK	21.87	PASS
n41	30	20	535998	50@0	DFT_QPSK	21.08	PASS
n41	30	20	535998	25@12	DFT_QPSK	22.13	PASS
n41	30	20	535998	1@1	DFT_QPSK	22.04	PASS
n41	30	20	535998	1@49	DFT_QPSK	22.01	PASS
n41	30	20	535998	50@0	DFT_QAM16	20.12	PASS
n41	30	20	535998	25@12	DFT_QAM16	21.15	PASS
n41	30	20	535998	1@1	DFT_QAM16	21	PASS
n41	30	20	535998	1@49	DFT_QAM16	20.96	PASS
n41	30	20	535998	50@0	DFT_QAM64	19.58	PASS
n41	30	20	535998	25@12	DFT_QAM64	19.57	PASS
n41	30	20	535998	1@1	DFT_QAM64	19.34	PASS
n41	30	20	535998	1@49	DFT_QAM64	19.28	PASS
n41	30	20	535998	50@0	DFT_QAM256	17.26	PASS
n41	30	20	535998	25@12	DFT_QAM256	17.33	PASS
n41	30	20	535998	1@1	DFT_QAM256	16.83	PASS
n41	30	20	535998	1@49	DFT_QAM256	16.85	PASS
n41	30	20	535998	51@0	CP_QPSK	20.36	PASS
n41	30	20	535998	25@12	CP_QPSK	20.64	PASS
n41	30	20	535998	1@1	CP_QPSK	20.59	PASS
n41	30	20	535998	1@49	CP_QPSK	20.54	PASS
n41	30	20	535998	51@0	CP_QAM16	19.06	PASS
n41	30	20	535998	25@12	CP_QAM16	20.12	PASS
n41	30	20	535998	1@1	CP_QAM16	19.84	PASS
n41	30	20	535998	1@49	CP_QAM16	19.78	PASS
n41	30	20	535998	51@0	CP_QAM64	18.54	PASS
n41	30	20	535998	25@12	CP_QAM64	18.61	PASS



n41	30	20	535998	1@1	CP_QAM64	18.66	PASS
n41	30	20	535998	1@49	CP_QAM64	18.56	PASS
n41	30	20	535998	51@0	CP_QAM256	15.52	PASS
n41	30	20	535998	25@12	CP_QAM256	15.6	PASS
n41	30	20	535998	1@1	CP_QAM256	15.19	PASS
n41	30	20	535998	1@49	CP_QAM256	15.06	PASS
n41	30	30	502200	75@0	DFT_BPSK	19.07	PASS
n41	30	30	502200	36@18	DFT_BPSK	19.09	PASS
n41	30	30	502200	1@1	DFT_BPSK	18.95	PASS
n41	30	30	502200	1@76	DFT_BPSK	18.86	PASS
n41	30	30	502200	75@0	DFT_QPSK	19.05	PASS
n41	30	30	502200	36@18	DFT_QPSK	19.1	PASS
n41	30	30	502200	1@1	DFT_QPSK	18.85	PASS
n41	30	30	502200	1@76	DFT_QPSK	18.77	PASS
n41	30	30	502200	75@0	DFT_QAM16	19.04	PASS
n41	30	30	502200	36@18	DFT_QAM16	19.1	PASS
n41	30	30	502200	1@1	DFT_QAM16	19.18	PASS
n41	30	30	502200	1@76	DFT_QAM16	19.04	PASS
n41	30	30	502200	75@0	DFT_QAM64	19.04	PASS
n41	30	30	502200	36@18	DFT_QAM64	19.14	PASS
n41	30	30	502200	1@1	DFT_QAM64	18.65	PASS
n41	30	30	502200	1@76	DFT_QAM64	18.57	PASS
n41	30	30	502200	75@0	DFT_QAM256	16.23	PASS
n41	30	30	502200	36@18	DFT_QAM256	15.96	PASS
n41	30	30	502200	1@1	DFT_QAM256	15.68	PASS
n41	30	30	502200	1@76	DFT_QAM256	15.55	PASS
n41	30	30	502200	78@0	CP_QPSK	19.36	PASS
n41	30	30	502200	39@19	CP_QPSK	19.05	PASS
n41	30	30	502200	1@1	CP_QPSK	18.88	PASS
n41	30	30	502200	1@76	CP_QPSK	18.79	PASS
n41	30	30	502200	78@0	CP_QAM16	19.04	PASS
n41	30	30	502200	39@19	CP_QAM16	19.1	PASS
n41	30	30	502200	1@1	CP_QAM16	18.83	PASS
n41	30	30	502200	1@76	CP_QAM16	18.74	PASS
n41	30	30	502200	78@0	CP_QAM64	18.51	PASS
n41	30	30	502200	39@19	CP_QAM64	18.53	PASS
n41	30	30	502200	1@1	CP_QAM64	18.29	PASS
n41	30	30	502200	1@76	CP_QAM64	18.11	PASS
n41	30	30	502200	78@0	CP_QAM256	15.5	PASS
n41	30	30	502200	39@19	CP_QAM256	15.56	PASS
n41	30	30	502200	1@1	CP_QAM256	15.47	PASS
n41	30	30	502200	1@76	CP_QAM256	15.36	PASS
n41	30	30	518598	75@0	DFT_BPSK	18.32	PASS
n41	30	30	518598	36@18	DFT_BPSK	18.98	PASS
n41	30	30	518598	1@1	DFT_BPSK	18.65	PASS
n41	30	30	518598	1@76	DFT_BPSK	18.6	PASS
n41	30	30	518598	75@0	DFT_QPSK	18.89	PASS
n41	30	30	518598	36@18	DFT_QPSK	18.94	PASS
n41	30	30	518598	1@1	DFT_QPSK	18.58	PASS
n41	30	30	518598	1@76	DFT_QPSK	18.56	PASS
n41	30	30	518598	75@0	DFT_QAM16	18.91	PASS
n41	30	30	518598	36@18	DFT_QAM16	18.97	PASS
n41	30	30	518598	1@1	DFT_QAM16	18.87	PASS
n41	30	30	518598	1@76	DFT_QAM16	18.81	PASS



n41	30	30	518598	75@0	DFT_QAM64	18.9	PASS
n41	30	30	518598	36@18	DFT_QAM64	19.01	PASS
n41	30	30	518598	1@1	DFT_QAM64	18.45	PASS
n41	30	30	518598	1@76	DFT_QAM64	18.39	PASS
n41	30	30	518598	75@0	DFT_QAM256	17.35	PASS
n41	30	30	518598	36@18	DFT_QAM256	17.47	PASS
n41	30	30	518598	1@1	DFT_QAM256	17.19	PASS
n41	30	30	518598	1@76	DFT_QAM256	17.13	PASS
n41	30	30	518598	78@0	CP_QPSK	18.86	PASS
n41	30	30	518598	39@19	CP_QPSK	18.95	PASS
n41	30	30	518598	1@1	CP_QPSK	18.65	PASS
n41	30	30	518598	1@76	CP_QPSK	18.52	PASS
n41	30	30	518598	78@0	CP_QAM16	18.88	PASS
n41	30	30	518598	39@19	CP_QAM16	18.96	PASS
n41	30	30	518598	1@1	CP_QAM16	18.51	PASS
n41	30	30	518598	1@76	CP_QAM16	18.4	PASS
n41	30	30	518598	78@0	CP_QAM64	18.33	PASS
n41	30	30	518598	39@19	CP_QAM64	18.38	PASS
n41	30	30	518598	1@1	CP_QAM64	18.14	PASS
n41	30	30	518598	1@76	CP_QAM64	18.04	PASS
n41	30	30	518598	78@0	CP_QAM256	15.31	PASS
n41	30	30	518598	39@19	CP_QAM256	15.4	PASS
n41	30	30	518598	1@1	CP_QAM256	15.13	PASS
n41	30	30	518598	1@76	CP_QAM256	15.11	PASS
n41	30	30	534996	75@0	DFT_BPSK	19.09	PASS
n41	30	30	534996	36@18	DFT_BPSK	19.19	PASS
n41	30	30	534996	1@1	DFT_BPSK	18.82	PASS
n41	30	30	534996	1@76	DFT_BPSK	18.78	PASS
n41	30	30	534996	75@0	DFT_QPSK	19.12	PASS
n41	30	30	534996	36@18	DFT_QPSK	19.22	PASS
n41	30	30	534996	1@1	DFT_QPSK	18.76	PASS
n41	30	30	534996	1@76	DFT_QPSK	18.76	PASS
n41	30	30	534996	75@0	DFT_QAM16	19.08	PASS
n41	30	30	534996	36@18	DFT_QAM16	19.21	PASS
n41	30	30	534996	1@1	DFT_QAM16	19.07	PASS
n41	30	30	534996	1@76	DFT_QAM16	19.16	PASS
n41	30	30	534996	75@0	DFT_QAM64	19.1	PASS
n41	30	30	534996	36@18	DFT_QAM64	19.2	PASS
n41	30	30	534996	1@1	DFT_QAM64	18.52	PASS
n41	30	30	534996	1@76	DFT_QAM64	18.51	PASS
n41	30	30	534996	75@0	DFT_QAM256	17.56	PASS
n41	30	30	534996	36@18	DFT_QAM256	17.65	PASS
n41	30	30	534996	1@1	DFT_QAM256	17.35	PASS
n41	30	30	534996	1@76	DFT_QAM256	17.33	PASS
n41	30	30	534996	78@0	CP_QPSK	19.03	PASS
n41	30	30	534996	39@19	CP_QPSK	19.19	PASS
n41	30	30	534996	1@1	CP_QPSK	18.75	PASS
n41	30	30	534996	1@76	CP_QPSK	18.85	PASS
n41	30	30	534996	78@0	CP_QAM16	19.09	PASS
n41	30	30	534996	39@19	CP_QAM16	19.18	PASS
n41	30	30	534996	1@1	CP_QAM16	18.65	PASS
n41	30	30	534996	1@76	CP_QAM16	18.64	PASS
n41	30	30	534996	78@0	CP_QAM64	18.52	PASS
n41	30	30	534996	39@19	CP_QAM64	18.6	PASS



n41	30	30	534996	1@1	CP_QAM64	18.25	PASS
n41	30	30	534996	1@76	CP_QAM64	18.22	PASS
n41	30	30	534996	78@0	CP_QAM256	15.48	PASS
n41	30	30	534996	39@19	CP_QAM256	15.64	PASS
n41	30	30	534996	1@1	CP_QAM256	15.34	PASS
n41	30	30	534996	1@76	CP_QAM256	15.39	PASS
n41	30	40	503202	100@0	DFT_BPSK	21.63	PASS
n41	30	40	503202	50@25	DFT_BPSK	22.04	PASS
n41	30	40	503202	1@1	DFT_BPSK	21.62	PASS
n41	30	40	503202	1@104	DFT_BPSK	21.54	PASS
n41	30	40	503202	100@0	DFT_QPSK	20.94	PASS
n41	30	40	503202	50@25	DFT_QPSK	22.02	PASS
n41	30	40	503202	1@1	DFT_QPSK	21.67	PASS
n41	30	40	503202	1@104	DFT_QPSK	21.58	PASS
n41	30	40	503202	100@0	DFT_QAM16	19.92	PASS
n41	30	40	503202	50@25	DFT_QAM16	21.05	PASS
n41	30	40	503202	1@1	DFT_QAM16	20.61	PASS
n41	30	40	503202	1@104	DFT_QAM16	20.54	PASS
n41	30	40	503202	100@0	DFT_QAM64	19.43	PASS
n41	30	40	503202	50@25	DFT_QAM64	19.52	PASS
n41	30	40	503202	1@1	DFT_QAM64	18.95	PASS
n41	30	40	503202	1@104	DFT_QAM64	18.9	PASS
n41	30	40	503202	100@0	DFT_QAM256	17.41	PASS
n41	30	40	503202	50@25	DFT_QAM256	17.49	PASS
n41	30	40	503202	1@1	DFT_QAM256	16.82	PASS
n41	30	40	503202	1@104	DFT_QAM256	16.73	PASS
n41	30	40	503202	106@0	CP_QPSK	18.88	PASS
n41	30	40	503202	53@26	CP_QPSK	20.49	PASS
n41	30	40	503202	1@1	CP_QPSK	20.13	PASS
n41	30	40	503202	1@104	CP_QPSK	20.05	PASS
n41	30	40	503202	106@0	CP_QAM16	18.9	PASS
n41	30	40	503202	53@26	CP_QAM16	20.01	PASS
n41	30	40	503202	1@1	CP_QAM16	19.52	PASS
n41	30	40	503202	1@104	CP_QAM16	19.44	PASS
n41	30	40	503202	106@0	CP_QAM64	18.42	PASS
n41	30	40	503202	53@26	CP_QAM64	18.48	PASS
n41	30	40	503202	1@1	CP_QAM64	18.44	PASS
n41	30	40	503202	1@104	CP_QAM64	18.37	PASS
n41	30	40	503202	106@0	CP_QAM256	15.39	PASS
n41	30	40	503202	53@26	CP_QAM256	15.49	PASS
n41	30	40	503202	1@1	CP_QAM256	15	PASS
n41	30	40	503202	1@104	CP_QAM256	14.88	PASS
n41	30	40	518598	100@0	DFT_BPSK	21.35	PASS
n41	30	40	518598	50@25	DFT_BPSK	21.93	PASS
n41	30	40	518598	1@1	DFT_BPSK	21.42	PASS
n41	30	40	518598	1@104	DFT_BPSK	21.33	PASS
n41	30	40	518598	100@0	DFT_QPSK	20.78	PASS
n41	30	40	518598	50@25	DFT_QPSK	21.96	PASS
n41	30	40	518598	1@1	DFT_QPSK	21.47	PASS
n41	30	40	518598	1@104	DFT_QPSK	21.35	PASS
n41	30	40	518598	100@0	DFT_QAM16	19.73	PASS
n41	30	40	518598	50@25	DFT_QAM16	20.92	PASS
n41	30	40	518598	1@1	DFT_QAM16	20.45	PASS
n41	30	40	518598	1@104	DFT_QAM16	20.37	PASS



n41	30	40	518598	100@0	DFT_QAM64	19.25	PASS
n41	30	40	518598	50@25	DFT_QAM64	19.44	PASS
n41	30	40	518598	1@1	DFT_QAM64	18.78	PASS
n41	30	40	518598	1@104	DFT_QAM64	18.68	PASS
n41	30	40	518598	100@0	DFT_QAM256	17.16	PASS
n41	30	40	518598	50@25	DFT_QAM256	17.03	PASS
n41	30	40	518598	1@1	DFT_QAM256	16.85	PASS
n41	30	40	518598	1@104	DFT_QAM256	16.99	PASS
n41	30	40	518598	106@0	CP_QPSK	19.63	PASS
n41	30	40	518598	53@26	CP_QPSK	20.38	PASS
n41	30	40	518598	1@1	CP_QPSK	19.95	PASS
n41	30	40	518598	1@104	CP_QPSK	19.89	PASS
n41	30	40	518598	106@0	CP_QAM16	18.76	PASS
n41	30	40	518598	53@26	CP_QAM16	19.89	PASS
n41	30	40	518598	1@1	CP_QAM16	19.33	PASS
n41	30	40	518598	1@104	CP_QAM16	19.25	PASS
n41	30	40	518598	106@0	CP_QAM64	18.21	PASS
n41	30	40	518598	53@26	CP_QAM64	18.39	PASS
n41	30	40	518598	1@1	CP_QAM64	18.09	PASS
n41	30	40	518598	1@104	CP_QAM64	18.04	PASS
n41	30	40	518598	106@0	CP_QAM256	15.17	PASS
n41	30	40	518598	53@26	CP_QAM256	15.37	PASS
n41	30	40	518598	1@1	CP_QAM256	14.66	PASS
n41	30	40	518598	1@104	CP_QAM256	14.53	PASS
n41	30	40	534000	100@0	DFT_BPSK	21.46	PASS
n41	30	40	534000	50@25	DFT_BPSK	22.19	PASS
n41	30	40	534000	1@1	DFT_BPSK	21.37	PASS
n41	30	40	534000	1@104	DFT_BPSK	21.6	PASS
n41	30	40	534000	100@0	DFT_QPSK	20.95	PASS
n41	30	40	534000	50@25	DFT_QPSK	22.18	PASS
n41	30	40	534000	1@1	DFT_QPSK	21.42	PASS
n41	30	40	534000	1@104	DFT_QPSK	21.69	PASS
n41	30	40	534000	100@0	DFT_QAM16	19.97	PASS
n41	30	40	534000	50@25	DFT_QAM16	21.19	PASS
n41	30	40	534000	1@1	DFT_QAM16	20.38	PASS
n41	30	40	534000	1@104	DFT_QAM16	20.65	PASS
n41	30	40	534000	100@0	DFT_QAM64	19.47	PASS
n41	30	40	534000	50@25	DFT_QAM64	19.67	PASS
n41	30	40	534000	1@1	DFT_QAM64	18.8	PASS
n41	30	40	534000	1@104	DFT_QAM64	19.03	PASS
n41	30	40	534000	100@0	DFT_QAM256	17.23	PASS
n41	30	40	534000	50@25	DFT_QAM256	16.9	PASS
n41	30	40	534000	1@1	DFT_QAM256	16.88	PASS
n41	30	40	534000	1@104	DFT_QAM256	16.38	PASS
n41	30	40	534000	106@0	CP_QPSK	19.26	PASS
n41	30	40	534000	53@26	CP_QPSK	20.62	PASS
n41	30	40	534000	1@1	CP_QPSK	19.93	PASS
n41	30	40	534000	1@104	CP_QPSK	20.12	PASS
n41	30	40	534000	106@0	CP_QAM16	18.91	PASS
n41	30	40	534000	53@26	CP_QAM16	20.09	PASS
n41	30	40	534000	1@1	CP_QAM16	19.32	PASS
n41	30	40	534000	1@104	CP_QAM16	19.54	PASS
n41	30	40	534000	106@0	CP_QAM64	18.4	PASS
n41	30	40	534000	53@26	CP_QAM64	18.61	PASS



n41	30	40	534000	1@1	CP_QAM64	18.17	PASS
n41	30	40	534000	1@104	CP_QAM64	18.39	PASS
n41	30	40	534000	106@0	CP_QAM256	15.38	PASS
n41	30	40	534000	53@26	CP_QAM256	15.59	PASS
n41	30	40	534000	1@1	CP_QAM256	14.6	PASS
n41	30	40	534000	1@104	CP_QAM256	14.9	PASS
n41	30	50	504204	128@0	DFT_BPSK	21.74	PASS
n41	30	50	504204	64@32	DFT_BPSK	22.07	PASS
n41	30	50	504204	1@1	DFT_BPSK	21.93	PASS
n41	30	50	504204	1@131	DFT_BPSK	21.77	PASS
n41	30	50	504204	128@0	DFT_QPSK	21.01	PASS
n41	30	50	504204	64@32	DFT_QPSK	22.09	PASS
n41	30	50	504204	1@1	DFT_QPSK	21.99	PASS
n41	30	50	504204	1@131	DFT_QPSK	21.8	PASS
n41	30	50	504204	128@0	DFT_QAM16	20.02	PASS
n41	30	50	504204	64@32	DFT_QAM16	21.09	PASS
n41	30	50	504204	1@1	DFT_QAM16	20.93	PASS
n41	30	50	504204	1@131	DFT_QAM16	20.77	PASS
n41	30	50	504204	128@0	DFT_QAM64	19.53	PASS
n41	30	50	504204	64@32	DFT_QAM64	19.58	PASS
n41	30	50	504204	1@1	DFT_QAM64	19.27	PASS
n41	30	50	504204	1@131	DFT_QAM64	19.09	PASS
n41	30	50	504204	128@0	DFT_QAM256	17.23	PASS
n41	30	50	504204	64@32	DFT_QAM256	17.42	PASS
n41	30	50	504204	1@1	DFT_QAM256	16.88	PASS
n41	30	50	504204	1@131	DFT_QAM256	16.79	PASS
n41	30	50	504204	133@0	CP_QPSK	19.25	PASS
n41	30	50	504204	67@33	CP_QPSK	20.6	PASS
n41	30	50	504204	1@1	CP_QPSK	20.41	PASS
n41	30	50	504204	1@131	CP_QPSK	20.23	PASS
n41	30	50	504204	133@0	CP_QAM16	18.98	PASS
n41	30	50	504204	67@33	CP_QAM16	20.11	PASS
n41	30	50	504204	1@1	CP_QAM16	19.83	PASS
n41	30	50	504204	1@131	CP_QAM16	19.63	PASS
n41	30	50	504204	133@0	CP_QAM64	18.5	PASS
n41	30	50	504204	67@33	CP_QAM64	18.57	PASS
n41	30	50	504204	1@1	CP_QAM64	18.55	PASS
n41	30	50	504204	1@131	CP_QAM64	18.3	PASS
n41	30	50	504204	133@0	CP_QAM256	15.45	PASS
n41	30	50	504204	67@33	CP_QAM256	15.52	PASS
n41	30	50	504204	1@1	CP_QAM256	15.25	PASS
n41	30	50	504204	1@131	CP_QAM256	15.02	PASS
n41	30	50	518598	128@0	DFT_BPSK	21.36	PASS
n41	30	50	518598	64@32	DFT_BPSK	21.93	PASS
n41	30	50	518598	1@1	DFT_BPSK	21.76	PASS
n41	30	50	518598	1@131	DFT_BPSK	21.64	PASS
n41	30	50	518598	128@0	DFT_QPSK	20.84	PASS
n41	30	50	518598	64@32	DFT_QPSK	21.97	PASS
n41	30	50	518598	1@1	DFT_QPSK	21.8	PASS
n41	30	50	518598	1@131	DFT_QPSK	21.68	PASS
n41	30	50	518598	128@0	DFT_QAM16	19.86	PASS
n41	30	50	518598	64@32	DFT_QAM16	20.96	PASS
n41	30	50	518598	1@1	DFT_QAM16	20.77	PASS
n41	30	50	518598	1@131	DFT_QAM16	20.62	PASS



n41	30	50	518598	128@0	DFT_QAM64	19.28	PASS
n41	30	50	518598	64@32	DFT_QAM64	19.4	PASS
n41	30	50	518598	1@1	DFT_QAM64	19.08	PASS
n41	30	50	518598	1@131	DFT_QAM64	18.98	PASS
n41	30	50	518598	128@0	DFT_QAM256	17.34	PASS
n41	30	50	518598	64@32	DFT_QAM256	17.44	PASS
n41	30	50	518598	1@1	DFT_QAM256	16.82	PASS
n41	30	50	518598	1@131	DFT_QAM256	16.76	PASS
n41	30	50	518598	133@0	CP_QPSK	18.77	PASS
n41	30	50	518598	67@33	CP_QPSK	20.46	PASS
n41	30	50	518598	1@1	CP_QPSK	20.25	PASS
n41	30	50	518598	1@131	CP_QPSK	20.13	PASS
n41	30	50	518598	133@0	CP_QAM16	18.78	PASS
n41	30	50	518598	67@33	CP_QAM16	19.92	PASS
n41	30	50	518598	1@1	CP_QAM16	19.61	PASS
n41	30	50	518598	1@131	CP_QAM16	19.54	PASS
n41	30	50	518598	133@0	CP_QAM64	18.3	PASS
n41	30	50	518598	67@33	CP_QAM64	18.44	PASS
n41	30	50	518598	1@1	CP_QAM64	18.31	PASS
n41	30	50	518598	1@131	CP_QAM64	18.27	PASS
n41	30	50	518598	133@0	CP_QAM256	15.26	PASS
n41	30	50	518598	67@33	CP_QAM256	15.34	PASS
n41	30	50	518598	1@1	CP_QAM256	14.88	PASS
n41	30	50	518598	1@131	CP_QAM256	14.77	PASS
n41	30	50	532998	128@0	DFT_BPSK	21.86	PASS
n41	30	50	532998	64@32	DFT_BPSK	22.17	PASS
n41	30	50	532998	1@1	DFT_BPSK	21.73	PASS
n41	30	50	532998	1@131	DFT_BPSK	21.87	PASS
n41	30	50	532998	128@0	DFT_QPSK	20.99	PASS
n41	30	50	532998	64@32	DFT_QPSK	22.15	PASS
n41	30	50	532998	1@1	DFT_QPSK	21.74	PASS
n41	30	50	532998	1@131	DFT_QPSK	21.97	PASS
n41	30	50	532998	128@0	DFT_QAM16	20.01	PASS
n41	30	50	532998	64@32	DFT_QAM16	21.12	PASS
n41	30	50	532998	1@1	DFT_QAM16	20.7	PASS
n41	30	50	532998	1@131	DFT_QAM16	20.96	PASS
n41	30	50	532998	128@0	DFT_QAM64	19.52	PASS
n41	30	50	532998	64@32	DFT_QAM64	19.62	PASS
n41	30	50	532998	1@1	DFT_QAM64	19.04	PASS
n41	30	50	532998	1@131	DFT_QAM64	19.27	PASS
n41	30	50	532998	128@0	DFT_QAM256	16.24	PASS
n41	30	50	532998	64@32	DFT_QAM256	16.55	PASS
n41	30	50	532998	1@1	DFT_QAM256	16.24	PASS
n41	30	50	532998	1@131	DFT_QAM256	15.36	PASS
n41	30	50	532998	133@0	CP_QPSK	20.13	PASS
n41	30	50	532998	67@33	CP_QPSK	20.64	PASS
n41	30	50	532998	1@1	CP_QPSK	20.21	PASS
n41	30	50	532998	1@131	CP_QPSK	20.42	PASS
n41	30	50	532998	133@0	CP_QAM16	18.97	PASS
n41	30	50	532998	67@33	CP_QAM16	20.11	PASS
n41	30	50	532998	1@1	CP_QAM16	19.6	PASS
n41	30	50	532998	1@131	CP_QAM16	19.81	PASS
n41	30	50	532998	133@0	CP_QAM64	18.44	PASS
n41	30	50	532998	67@33	CP_QAM64	18.6	PASS



n41	30	50	532998	1@1	CP_QAM64	18.38	PASS
n41	30	50	532998	1@131	CP_QAM64	18.54	PASS
n41	30	50	532998	133@0	CP_QAM256	15.48	PASS
n41	30	50	532998	67@33	CP_QAM256	15.56	PASS
n41	30	50	532998	1@1	CP_QAM256	14.86	PASS
n41	30	50	532998	1@131	CP_QAM256	15.09	PASS
n41	30	60	505200	162@0	DFT_BPSK	21.72	PASS
n41	30	60	505200	81@40	DFT_BPSK	22.04	PASS
n41	30	60	505200	1@1	DFT_BPSK	21.7	PASS
n41	30	60	505200	1@160	DFT_BPSK	21.57	PASS
n41	30	60	505200	162@0	DFT_QPSK	20.94	PASS
n41	30	60	505200	81@40	DFT_QPSK	22.05	PASS
n41	30	60	505200	1@1	DFT_QPSK	21.79	PASS
n41	30	60	505200	1@160	DFT_QPSK	21.64	PASS
n41	30	60	505200	162@0	DFT_QAM16	19.92	PASS
n41	30	60	505200	81@40	DFT_QAM16	21.05	PASS
n41	30	60	505200	1@1	DFT_QAM16	20.75	PASS
n41	30	60	505200	1@160	DFT_QAM16	20.62	PASS
n41	30	60	505200	162@0	DFT_QAM64	19.43	PASS
n41	30	60	505200	81@40	DFT_QAM64	19.53	PASS
n41	30	60	505200	1@1	DFT_QAM64	19.13	PASS
n41	30	60	505200	1@160	DFT_QAM64	19.01	PASS
n41	30	60	505200	162@0	DFT_QAM256	16.23	PASS
n41	30	60	505200	81@40	DFT_QAM256	16.11	PASS
n41	30	60	505200	1@1	DFT_QAM256	15.96	PASS
n41	30	60	505200	1@160	DFT_QAM256	15	PASS
n41	30	60	505200	162@0	CP_QPSK	20.11	PASS
n41	30	60	505200	81@40	CP_QPSK	20.48	PASS
n41	30	60	505200	1@1	CP_QPSK	20.22	PASS
n41	30	60	505200	1@160	CP_QPSK	20.06	PASS
n41	30	60	505200	162@0	CP_QAM16	18.86	PASS
n41	30	60	505200	81@40	CP_QAM16	20.05	PASS
n41	30	60	505200	1@1	CP_QAM16	19.63	PASS
n41	30	60	505200	1@160	CP_QAM16	19.47	PASS
n41	30	60	505200	162@0	CP_QAM64	18.38	PASS
n41	30	60	505200	81@40	CP_QAM64	18.51	PASS
n41	30	60	505200	1@1	CP_QAM64	18.36	PASS
n41	30	60	505200	1@160	CP_QAM64	18.15	PASS
n41	30	60	505200	162@0	CP_QAM256	15.37	PASS
n41	30	60	505200	81@40	CP_QAM256	15.45	PASS
n41	30	60	505200	1@1	CP_QAM256	14.88	PASS
n41	30	60	505200	1@160	CP_QAM256	14.73	PASS
n41	30	60	518598	162@0	DFT_BPSK	21.53	PASS
n41	30	60	518598	81@40	DFT_BPSK	21.96	PASS
n41	30	60	518598	1@1	DFT_BPSK	21.6	PASS
n41	30	60	518598	1@160	DFT_BPSK	21.55	PASS
n41	30	60	518598	162@0	DFT_QPSK	20.79	PASS
n41	30	60	518598	81@40	DFT_QPSK	21.96	PASS
n41	30	60	518598	1@1	DFT_QPSK	21.64	PASS
n41	30	60	518598	1@160	DFT_QPSK	21.54	PASS
n41	30	60	518598	162@0	DFT_QAM16	19.76	PASS
n41	30	60	518598	81@40	DFT_QAM16	20.96	PASS
n41	30	60	518598	1@1	DFT_QAM16	20.53	PASS
n41	30	60	518598	1@160	DFT_QAM16	20.49	PASS



n41	30	60	518598	162@0	DFT_QAM64	19.27	PASS
n41	30	60	518598	81@40	DFT_QAM64	19.37	PASS
n41	30	60	518598	1@1	DFT_QAM64	19.01	PASS
n41	30	60	518598	1@160	DFT_QAM64	18.89	PASS
n41	30	60	518598	162@0	DFT_QAM256	17.25	PASS
n41	30	60	518598	81@40	DFT_QAM256	17.38	PASS
n41	30	60	518598	1@1	DFT_QAM256	16.87	PASS
n41	30	60	518598	1@160	DFT_QAM256	16.82	PASS
n41	30	60	518598	162@0	CP_QPSK	19.36	PASS
n41	30	60	518598	81@40	CP_QPSK	19.92	PASS
n41	30	60	518598	1@1	CP_QPSK	19.85	PASS
n41	30	60	518598	1@160	CP_QPSK	19.43	PASS
n41	30	60	518598	162@0	CP_QAM16	19.62	PASS
n41	30	60	518598	81@40	CP_QAM16	19.91	PASS
n41	30	60	518598	1@1	CP_QAM16	19.63	PASS
n41	30	60	518598	1@160	CP_QAM16	19.58	PASS
n41	30	60	518598	162@0	CP_QAM64	18.19	PASS
n41	30	60	518598	81@40	CP_QAM64	18.39	PASS
n41	30	60	518598	1@1	CP_QAM64	18.24	PASS
n41	30	60	518598	1@160	CP_QAM64	18.2	PASS
n41	30	60	518598	162@0	CP_QAM256	15.18	PASS
n41	30	60	518598	81@40	CP_QAM256	15.35	PASS
n41	30	60	518598	1@1	CP_QAM256	14.75	PASS
n41	30	60	518598	1@160	CP_QAM256	14.71	PASS
n41	30	60	531996	162@0	DFT_BPSK	21.69	PASS
n41	30	60	531996	81@40	DFT_BPSK	22.08	PASS
n41	30	60	531996	1@1	DFT_BPSK	21.53	PASS
n41	30	60	531996	1@160	DFT_BPSK	21.7	PASS
n41	30	60	531996	162@0	DFT_QPSK	20.95	PASS
n41	30	60	531996	81@40	DFT_QPSK	22.08	PASS
n41	30	60	531996	1@1	DFT_QPSK	21.57	PASS
n41	30	60	531996	1@160	DFT_QPSK	21.79	PASS
n41	30	60	531996	162@0	DFT_QAM16	19.94	PASS
n41	30	60	531996	81@40	DFT_QAM16	21.04	PASS
n41	30	60	531996	1@1	DFT_QAM16	20.53	PASS
n41	30	60	531996	1@160	DFT_QAM16	20.77	PASS
n41	30	60	531996	162@0	DFT_QAM64	19.4	PASS
n41	30	60	531996	81@40	DFT_QAM64	19.51	PASS
n41	30	60	531996	1@1	DFT_QAM64	18.88	PASS
n41	30	60	531996	1@160	DFT_QAM64	19.11	PASS
n41	30	60	531996	162@0	DFT_QAM256	15.13	PASS
n41	30	60	531996	81@40	DFT_QAM256	15.63	PASS
n41	30	60	531996	1@1	DFT_QAM256	15.44	PASS
n41	30	60	531996	1@160	DFT_QAM256	15.03	PASS
n41	30	60	531996	162@0	CP_QPSK	20.18	PASS
n41	30	60	531996	81@40	CP_QPSK	20.51	PASS
n41	30	60	531996	1@1	CP_QPSK	20.02	PASS
n41	30	60	531996	1@160	CP_QPSK	20.21	PASS
n41	30	60	531996	162@0	CP_QAM16	18.85	PASS
n41	30	60	531996	81@40	CP_QAM16	20.04	PASS
n41	30	60	531996	1@1	CP_QAM16	19.41	PASS
n41	30	60	531996	1@160	CP_QAM16	19.56	PASS
n41	30	60	531996	162@0	CP_QAM64	18.37	PASS
n41	30	60	531996	81@40	CP_QAM64	18.53	PASS



n41	30	60	531996	1@1	CP_QAM64	18.13	PASS
n41	30	60	531996	1@160	CP_QAM64	18.34	PASS
n41	30	60	531996	162@0	CP_QAM256	15.29	PASS
n41	30	60	531996	81@40	CP_QAM256	15.42	PASS
n41	30	60	531996	1@1	CP_QAM256	14.66	PASS
n41	30	60	531996	1@160	CP_QAM256	14.93	PASS
n41	30	80	507204	216@0	DFT_BPSK	21.67	PASS
n41	30	80	507204	108@54	DFT_BPSK	22.04	PASS
n41	30	80	507204	1@1	DFT_BPSK	21.53	PASS
n41	30	80	507204	1@215	DFT_BPSK	21.33	PASS
n41	30	80	507204	216@0	DFT_QPSK	20.89	PASS
n41	30	80	507204	108@54	DFT_QPSK	22.04	PASS
n41	30	80	507204	1@1	DFT_QPSK	21.53	PASS
n41	30	80	507204	1@215	DFT_QPSK	21.38	PASS
n41	30	80	507204	216@0	DFT_QAM16	19.9	PASS
n41	30	80	507204	108@54	DFT_QAM16	20.98	PASS
n41	30	80	507204	1@1	DFT_QAM16	20.49	PASS
n41	30	80	507204	1@215	DFT_QAM16	20.34	PASS
n41	30	80	507204	216@0	DFT_QAM64	19.39	PASS
n41	30	80	507204	108@54	DFT_QAM64	19.51	PASS
n41	30	80	507204	1@1	DFT_QAM64	18.83	PASS
n41	30	80	507204	1@215	DFT_QAM64	18.68	PASS
n41	30	80	507204	216@0	DFT_QAM256	15.36	PASS
n41	30	80	507204	108@54	DFT_QAM256	15.44	PASS
n41	30	80	507204	1@1	DFT_QAM256	14.89	PASS
n41	30	80	507204	1@215	DFT_QAM256	15.03	PASS
n41	30	80	507204	217@0	CP_QPSK	19.69	PASS
n41	30	80	507204	109@54	CP_QPSK	19.99	PASS
n41	30	80	507204	1@1	CP_QPSK	19.45	PASS
n41	30	80	507204	1@215	CP_QPSK	19.58	PASS
n41	30	80	507204	217@0	CP_QAM16	19.54	PASS
n41	30	80	507204	109@54	CP_QAM16	19.99	PASS
n41	30	80	507204	1@1	CP_QAM16	19.5	PASS
n41	30	80	507204	1@215	CP_QAM16	19.26	PASS
n41	30	80	507204	217@0	CP_QAM64	18.34	PASS
n41	30	80	507204	109@54	CP_QAM64	18.49	PASS
n41	30	80	507204	1@1	CP_QAM64	18.18	PASS
n41	30	80	507204	1@215	CP_QAM64	17.94	PASS
n41	30	80	507204	217@0	CP_QAM256	15.27	PASS
n41	30	80	507204	109@54	CP_QAM256	15.43	PASS
n41	30	80	507204	1@1	CP_QAM256	14.57	PASS
n41	30	80	507204	1@215	CP_QAM256	14.44	PASS
n41	30	80	518598	216@0	DFT_BPSK	21.37	PASS
n41	30	80	518598	108@54	DFT_BPSK	21.88	PASS
n41	30	80	518598	1@1	DFT_BPSK	21.38	PASS
n41	30	80	518598	1@215	DFT_BPSK	21.51	PASS
n41	30	80	518598	216@0	DFT_QPSK	20.78	PASS
n41	30	80	518598	108@54	DFT_QPSK	21.92	PASS
n41	30	80	518598	1@1	DFT_QPSK	21.41	PASS
n41	30	80	518598	1@215	DFT_QPSK	21.54	PASS
n41	30	80	518598	216@0	DFT_QAM16	19.8	PASS
n41	30	80	518598	108@54	DFT_QAM16	20.92	PASS
n41	30	80	518598	1@1	DFT_QAM16	20.27	PASS
n41	30	80	518598	1@215	DFT_QAM16	20.33	PASS



n41	30	80	518598	216@0	DFT_QAM64	19.26	PASS
n41	30	80	518598	108@54	DFT_QAM64	19.35	PASS
n41	30	80	518598	1@1	DFT_QAM64	18.75	PASS
n41	30	80	518598	1@215	DFT_QAM64	18.84	PASS
n41	30	80	518598	216@0	DFT_QAM256	15.36	PASS
n41	30	80	518598	108@54	DFT_QAM256	15.21	PASS
n41	30	80	518598	1@1	DFT_QAM256	14.89	PASS
n41	30	80	518598	1@215	DFT_QAM256	14.77	PASS
n41	30	80	518598	217@0	CP_QPSK	20.37	PASS
n41	30	80	518598	109@54	CP_QPSK	20.44	PASS
n41	30	80	518598	1@1	CP_QPSK	19.88	PASS
n41	30	80	518598	1@215	CP_QPSK	20	PASS
n41	30	80	518598	217@0	CP_QAM16	18.69	PASS
n41	30	80	518598	109@54	CP_QAM16	19.86	PASS
n41	30	80	518598	1@1	CP_QAM16	19.29	PASS
n41	30	80	518598	1@215	CP_QAM16	19.43	PASS
n41	30	80	518598	217@0	CP_QAM64	18.23	PASS
n41	30	80	518598	109@54	CP_QAM64	18.36	PASS
n41	30	80	518598	1@1	CP_QAM64	18.04	PASS
n41	30	80	518598	1@215	CP_QAM64	18.19	PASS
n41	30	80	518598	217@0	CP_QAM256	15.18	PASS
n41	30	80	518598	109@54	CP_QAM256	15.31	PASS
n41	30	80	518598	1@1	CP_QAM256	14.47	PASS
n41	30	80	518598	1@215	CP_QAM256	14.56	PASS
n41	30	80	529998	216@0	DFT_BPSK	21.75	PASS
n41	30	80	529998	108@54	DFT_BPSK	22.11	PASS
n41	30	80	529998	1@1	DFT_BPSK	21.18	PASS
n41	30	80	529998	1@215	DFT_BPSK	21.62	PASS
n41	30	80	529998	216@0	DFT_QPSK	20.96	PASS
n41	30	80	529998	108@54	DFT_QPSK	22.11	PASS
n41	30	80	529998	1@1	DFT_QPSK	21.21	PASS
n41	30	80	529998	1@215	DFT_QPSK	21.69	PASS
n41	30	80	529998	216@0	DFT_QAM16	20	PASS
n41	30	80	529998	108@54	DFT_QAM16	21.09	PASS
n41	30	80	529998	1@1	DFT_QAM16	20.14	PASS
n41	30	80	529998	1@215	DFT_QAM16	20.65	PASS
n41	30	80	529998	216@0	DFT_QAM64	19.46	PASS
n41	30	80	529998	108@54	DFT_QAM64	19.62	PASS
n41	30	80	529998	1@1	DFT_QAM64	18.53	PASS
n41	30	80	529998	1@215	DFT_QAM64	19.07	PASS
n41	30	80	529998	216@0	DFT_QAM256	15.69	PASS
n41	30	80	529998	108@54	DFT_QAM256	15.33	PASS
n41	30	80	529998	1@1	DFT_QAM256	15.01	PASS
n41	30	80	529998	1@215	DFT_QAM256	14.72	PASS
n41	30	80	529998	217@0	CP_QPSK	18.88	PASS
n41	30	80	529998	109@54	CP_QPSK	20.54	PASS
n41	30	80	529998	1@1	CP_QPSK	19.68	PASS
n41	30	80	529998	1@215	CP_QPSK	20.12	PASS
n41	30	80	529998	217@0	CP_QAM16	18.84	PASS
n41	30	80	529998	109@54	CP_QAM16	20.06	PASS
n41	30	80	529998	1@1	CP_QAM16	19.07	PASS
n41	30	80	529998	1@215	CP_QAM16	19.6	PASS
n41	30	80	529998	217@0	CP_QAM64	18.38	PASS
n41	30	80	529998	109@54	CP_QAM64	18.54	PASS



n41	30	80	529998	1@1	CP_QAM64	17.83	PASS
n41	30	80	529998	1@215	CP_QAM64	18.36	PASS
n41	30	80	529998	217@0	CP_QAM256	15.33	PASS
n41	30	80	529998	109@54	CP_QAM256	15.54	PASS
n41	30	80	529998	1@1	CP_QAM256	14.25	PASS
n41	30	80	529998	1@215	CP_QAM256	14.79	PASS
n41	30	90	508200	240@0	DFT_BPSK	21.62	PASS
n41	30	90	508200	120@60	DFT_BPSK	22.04	PASS
n41	30	90	508200	1@1	DFT_BPSK	21.38	PASS
n41	30	90	508200	1@243	DFT_BPSK	21.16	PASS
n41	30	90	508200	240@0	DFT_QPSK	20.87	PASS
n41	30	90	508200	120@60	DFT_QPSK	22.04	PASS
n41	30	90	508200	1@1	DFT_QPSK	21.43	PASS
n41	30	90	508200	1@243	DFT_QPSK	21.24	PASS
n41	30	90	508200	240@0	DFT_QAM16	19.82	PASS
n41	30	90	508200	120@60	DFT_QAM16	21.06	PASS
n41	30	90	508200	1@1	DFT_QAM16	20.38	PASS
n41	30	90	508200	1@243	DFT_QAM16	20.24	PASS
n41	30	90	508200	240@0	DFT_QAM64	19.36	PASS
n41	30	90	508200	120@60	DFT_QAM64	19.5	PASS
n41	30	90	508200	1@1	DFT_QAM64	18.68	PASS
n41	30	90	508200	1@243	DFT_QAM64	18.52	PASS
n41	30	90	508200	240@0	DFT_QAM256	17.29	PASS
n41	30	90	508200	120@60	DFT_QAM256	17.48	PASS
n41	30	90	508200	1@1	DFT_QAM256	16.47	PASS
n41	30	90	508200	1@243	DFT_QAM256	16.27	PASS
n41	30	90	508200	245@0	CP_QPSK	19.93	PASS
n41	30	90	508200	123@61	CP_QPSK	19.77	PASS
n41	30	90	508200	1@1	CP_QPSK	19.55	PASS
n41	30	90	508200	1@243	CP_QPSK	19.67	PASS
n41	30	90	508200	245@0	CP_QAM16	18.8	PASS
n41	30	90	508200	123@61	CP_QAM16	20	PASS
n41	30	90	508200	1@1	CP_QAM16	19.3	PASS
n41	30	90	508200	1@243	CP_QAM16	19.03	PASS
n41	30	90	508200	245@0	CP_QAM64	18.3	PASS
n41	30	90	508200	123@61	CP_QAM64	18.49	PASS
n41	30	90	508200	1@1	CP_QAM64	17.98	PASS
n41	30	90	508200	1@243	CP_QAM64	17.74	PASS
n41	30	90	508200	245@0	CP_QAM256	15.24	PASS
n41	30	90	508200	123@61	CP_QAM256	15.43	PASS
n41	30	90	508200	1@1	CP_QAM256	14.5	PASS
n41	30	90	508200	1@243	CP_QAM256	14.24	PASS
n41	30	90	518598	240@0	DFT_BPSK	14.37	PASS
n41	30	90	518598	120@60	DFT_BPSK	21.93	PASS
n41	30	90	518598	1@1	DFT_BPSK	21.23	PASS
n41	30	90	518598	1@243	DFT_BPSK	21.31	PASS
n41	30	90	518598	240@0	DFT_QPSK	20.77	PASS
n41	30	90	518598	120@60	DFT_QPSK	21.92	PASS
n41	30	90	518598	1@1	DFT_QPSK	21.24	PASS
n41	30	90	518598	1@243	DFT_QPSK	21.34	PASS
n41	30	90	518598	240@0	DFT_QAM16	19.74	PASS
n41	30	90	518598	120@60	DFT_QAM16	20.88	PASS
n41	30	90	518598	1@1	DFT_QAM16	20.14	PASS
n41	30	90	518598	1@243	DFT_QAM16	20.29	PASS



n41	30	90	518598	240@0	DFT_QAM64	19.21	PASS
n41	30	90	518598	120@60	DFT_QAM64	19.35	PASS
n41	30	90	518598	1@1	DFT_QAM64	18.59	PASS
n41	30	90	518598	1@243	DFT_QAM64	18.7	PASS
n41	30	90	518598	240@0	DFT_QAM256	19.45	PASS
n41	30	90	518598	120@60	DFT_QAM256	19.96	PASS
n41	30	90	518598	1@1	DFT_QAM256	19.68	PASS
n41	30	90	518598	1@243	DFT_QAM256	19.77	PASS
n41	30	90	518598	245@0	CP_QPSK	19.86	PASS
n41	30	90	518598	123@61	CP_QPSK	20.35	PASS
n41	30	90	518598	1@1	CP_QPSK	19.76	PASS
n41	30	90	518598	1@243	CP_QPSK	19.91	PASS
n41	30	90	518598	245@0	CP_QAM16	18.73	PASS
n41	30	90	518598	123@61	CP_QAM16	19.85	PASS
n41	30	90	518598	1@1	CP_QAM16	19.22	PASS
n41	30	90	518598	1@243	CP_QAM16	19.28	PASS
n41	30	90	518598	245@0	CP_QAM64	18.15	PASS
n41	30	90	518598	123@61	CP_QAM64	18.31	PASS
n41	30	90	518598	1@1	CP_QAM64	17.82	PASS
n41	30	90	518598	1@243	CP_QAM64	17.94	PASS
n41	30	90	518598	245@0	CP_QAM256	15.12	PASS
n41	30	90	518598	123@61	CP_QAM256	15.31	PASS
n41	30	90	518598	1@1	CP_QAM256	14.37	PASS
n41	30	90	518598	1@243	CP_QAM256	14.46	PASS
n41	30	90	528996	240@0	DFT_BPSK	21.36	PASS
n41	30	90	528996	120@60	DFT_BPSK	22	PASS
n41	30	90	528996	1@1	DFT_BPSK	21.05	PASS
n41	30	90	528996	1@243	DFT_BPSK	21.42	PASS
n41	30	90	528996	240@0	DFT_QPSK	20.8	PASS
n41	30	90	528996	120@60	DFT_QPSK	22.02	PASS
n41	30	90	528996	1@1	DFT_QPSK	21.11	PASS
n41	30	90	528996	1@243	DFT_QPSK	21.52	PASS
n41	30	90	528996	240@0	DFT_QAM16	19.83	PASS
n41	30	90	528996	120@60	DFT_QAM16	21.03	PASS
n41	30	90	528996	1@1	DFT_QAM16	20.13	PASS
n41	30	90	528996	1@243	DFT_QAM16	20.49	PASS
n41	30	90	528996	240@0	DFT_QAM64	19.3	PASS
n41	30	90	528996	120@60	DFT_QAM64	19.49	PASS
n41	30	90	528996	1@1	DFT_QAM64	18.5	PASS
n41	30	90	528996	1@243	DFT_QAM64	18.83	PASS
n41	30	90	528996	240@0	DFT_QAM256	15.36	PASS
n41	30	90	528996	120@60	DFT_QAM256	15.22	PASS
n41	30	90	528996	1@1	DFT_QAM256	14.75	PASS
n41	30	90	528996	1@243	DFT_QAM256	14.86	PASS
n41	30	90	528996	245@0	CP_QPSK	19.82	PASS
n41	30	90	528996	123@61	CP_QPSK	20.49	PASS
n41	30	90	528996	1@1	CP_QPSK	19.52	PASS
n41	30	90	528996	1@243	CP_QPSK	19.97	PASS
n41	30	90	528996	245@0	CP_QAM16	18.8	PASS
n41	30	90	528996	123@61	CP_QAM16	19.96	PASS
n41	30	90	528996	1@1	CP_QAM16	18.95	PASS
n41	30	90	528996	1@243	CP_QAM16	19.41	PASS
n41	30	90	528996	245@0	CP_QAM64	18.33	PASS
n41	30	90	528996	123@61	CP_QAM64	18.5	PASS



n41	30	90	528996	1@1	CP_QAM64	17.7	PASS
n41	30	90	528996	1@243	CP_QAM64	18.15	PASS
n41	30	90	528996	245@0	CP_QAM256	15.22	PASS
n41	30	90	528996	123@61	CP_QAM256	15.48	PASS
n41	30	90	528996	1@1	CP_QAM256	14.19	PASS
n41	30	90	528996	1@243	CP_QAM256	14.7	PASS
n41	30	100	509202	270@0	DFT_BPSK	21.57	PASS
n41	30	100	509202	135@67	DFT_BPSK	22.02	PASS
n41	30	100	509202	1@1	DFT_BPSK	21.22	PASS
n41	30	100	509202	1@271	DFT_BPSK	21.08	PASS
n41	30	100	509202	270@0	DFT_QPSK	20.79	PASS
n41	30	100	509202	135@67	DFT_QPSK	22.01	PASS
n41	30	100	509202	1@1	DFT_QPSK	21.28	PASS
n41	30	100	509202	1@271	DFT_QPSK	21.06	PASS
n41	30	100	509202	270@0	DFT_QAM16	19.79	PASS
n41	30	100	509202	135@67	DFT_QAM16	21.03	PASS
n41	30	100	509202	1@1	DFT_QAM16	20.22	PASS
n41	30	100	509202	1@271	DFT_QAM16	20.04	PASS
n41	30	100	509202	270@0	DFT_QAM64	19.3	PASS
n41	30	100	509202	135@67	DFT_QAM64	19.47	PASS
n41	30	100	509202	1@1	DFT_QAM64	18.6	PASS
n41	30	100	509202	1@271	DFT_QAM64	18.39	PASS
n41	30	100	509202	270@0	DFT_QAM256	15.32	PASS
n41	30	100	509202	135@67	DFT_QAM256	15.11	PASS
n41	30	100	509202	1@1	DFT_QAM256	14.68	PASS
n41	30	100	509202	1@271	DFT_QAM256	14.78	PASS
n41	30	100	509202	273@0	CP_QPSK	19.56	PASS
n41	30	100	509202	137@68	CP_QPSK	20.46	PASS
n41	30	100	509202	1@1	CP_QPSK	19.71	PASS
n41	30	100	509202	1@271	CP_QPSK	19.51	PASS
n41	30	100	509202	273@0	CP_QAM16	18.72	PASS
n41	30	100	509202	137@68	CP_QAM16	20	PASS
n41	30	100	509202	1@1	CP_QAM16	19.12	PASS
n41	30	100	509202	1@271	CP_QAM16	18.9	PASS
n41	30	100	509202	273@0	CP_QAM64	18.21	PASS
n41	30	100	509202	137@68	CP_QAM64	18.44	PASS
n41	30	100	509202	1@1	CP_QAM64	17.82	PASS
n41	30	100	509202	1@271	CP_QAM64	17.58	PASS
n41	30	100	509202	273@0	CP_QAM256	15.16	PASS
n41	30	100	509202	137@68	CP_QAM256	15.4	PASS
n41	30	100	509202	1@1	CP_QAM256	14.31	PASS
n41	30	100	509202	1@271	CP_QAM256	14.15	PASS
n41	30	100	518598	270@0	DFT_BPSK	21.13	PASS
n41	30	100	518598	135@67	DFT_BPSK	21.82	PASS
n41	30	100	518598	1@1	DFT_BPSK	21.08	PASS
n41	30	100	518598	1@271	DFT_BPSK	21.14	PASS
n41	30	100	518598	270@0	DFT_QPSK	20.67	PASS
n41	30	100	518598	135@67	DFT_QPSK	21.82	PASS
n41	30	100	518598	1@1	DFT_QPSK	21.12	PASS
n41	30	100	518598	1@271	DFT_QPSK	21.21	PASS
n41	30	100	518598	270@0	DFT_QAM16	19.72	PASS
n41	30	100	518598	135@67	DFT_QAM16	20.85	PASS
n41	30	100	518598	1@1	DFT_QAM16	20.08	PASS
n41	30	100	518598	1@271	DFT_QAM16	20.2	PASS



n41	30	100	518598	270@0	DFT_QAM64	19.18	PASS
n41	30	100	518598	135@67	DFT_QAM64	19.39	PASS
n41	30	100	518598	1@1	DFT_QAM64	18.4	PASS
n41	30	100	518598	1@271	DFT_QAM64	18.51	PASS
n41	30	100	518598	270@0	DFT_QAM256	15.11	PASS
n41	30	100	518598	135@67	DFT_QAM256	14.86	PASS
n41	30	100	518598	1@1	DFT_QAM256	14.69	PASS
n41	30	100	518598	1@271	DFT_QAM256	14.52	PASS
n41	30	100	518598	273@0	CP_QPSK	18.63	PASS
n41	30	100	518598	137@68	CP_QPSK	20.34	PASS
n41	30	100	518598	1@1	CP_QPSK	19.58	PASS
n41	30	100	518598	1@271	CP_QPSK	19.68	PASS
n41	30	100	518598	273@0	CP_QAM16	18.6	PASS
n41	30	100	518598	137@68	CP_QAM16	19.86	PASS
n41	30	100	518598	1@1	CP_QAM16	19.07	PASS
n41	30	100	518598	1@271	CP_QAM16	19.21	PASS
n41	30	100	518598	273@0	CP_QAM64	18.08	PASS
n41	30	100	518598	137@68	CP_QAM64	18.33	PASS
n41	30	100	518598	1@1	CP_QAM64	17.95	PASS
n41	30	100	518598	1@271	CP_QAM64	18.02	PASS
n41	30	100	518598	273@0	CP_QAM256	15.06	PASS
n41	30	100	518598	137@68	CP_QAM256	15.25	PASS
n41	30	100	518598	1@1	CP_QAM256	14.31	PASS
n41	30	100	518598	1@271	CP_QAM256	14.47	PASS
n41	30	100	528000	270@0	DFT_BPSK	20.68	PASS
n41	30	100	528000	135@67	DFT_BPSK	21.88	PASS
n41	30	100	528000	1@1	DFT_BPSK	21.65	PASS
n41	30	100	528000	1@271	DFT_BPSK	21.44	PASS
n41	30	100	528000	270@0	DFT_QPSK	20.8	PASS
n41	30	100	528000	135@67	DFT_QPSK	21.97	PASS
n41	30	100	528000	1@1	DFT_QPSK	21.01	PASS
n41	30	100	528000	1@271	DFT_QPSK	21.36	PASS
n41	30	100	528000	270@0	DFT_QAM16	19.79	PASS
n41	30	100	528000	135@67	DFT_QAM16	20.97	PASS
n41	30	100	528000	1@1	DFT_QAM16	20.05	PASS
n41	30	100	528000	1@271	DFT_QAM16	20.35	PASS
n41	30	100	528000	270@0	DFT_QAM64	19.27	PASS
n41	30	100	528000	135@67	DFT_QAM64	19.46	PASS
n41	30	100	528000	1@1	DFT_QAM64	18.32	PASS
n41	30	100	528000	1@271	DFT_QAM64	18.66	PASS
n41	30	100	528000	270@0	DFT_QAM256	15.36	PASS
n41	30	100	528000	135@67	DFT_QAM256	15.24	PASS
n41	30	100	528000	1@1	DFT_QAM256	14.94	PASS
n41	30	100	528000	1@271	DFT_QAM256	14.53	PASS
n41	30	100	528000	273@0	CP_QPSK	19.42	PASS
n41	30	100	528000	137@68	CP_QPSK	20.4	PASS
n41	30	100	528000	1@1	CP_QPSK	19.46	PASS
n41	30	100	528000	1@271	CP_QPSK	19.84	PASS
n41	30	100	528000	273@0	CP_QAM16	18.75	PASS
n41	30	100	528000	137@68	CP_QAM16	19.94	PASS
n41	30	100	528000	1@1	CP_QAM16	18.88	PASS
n41	30	100	528000	1@271	CP_QAM16	19.22	PASS
n41	30	100	528000	273@0	CP_QAM64	18.27	PASS
n41	30	100	528000	137@68	CP_QAM64	18.41	PASS



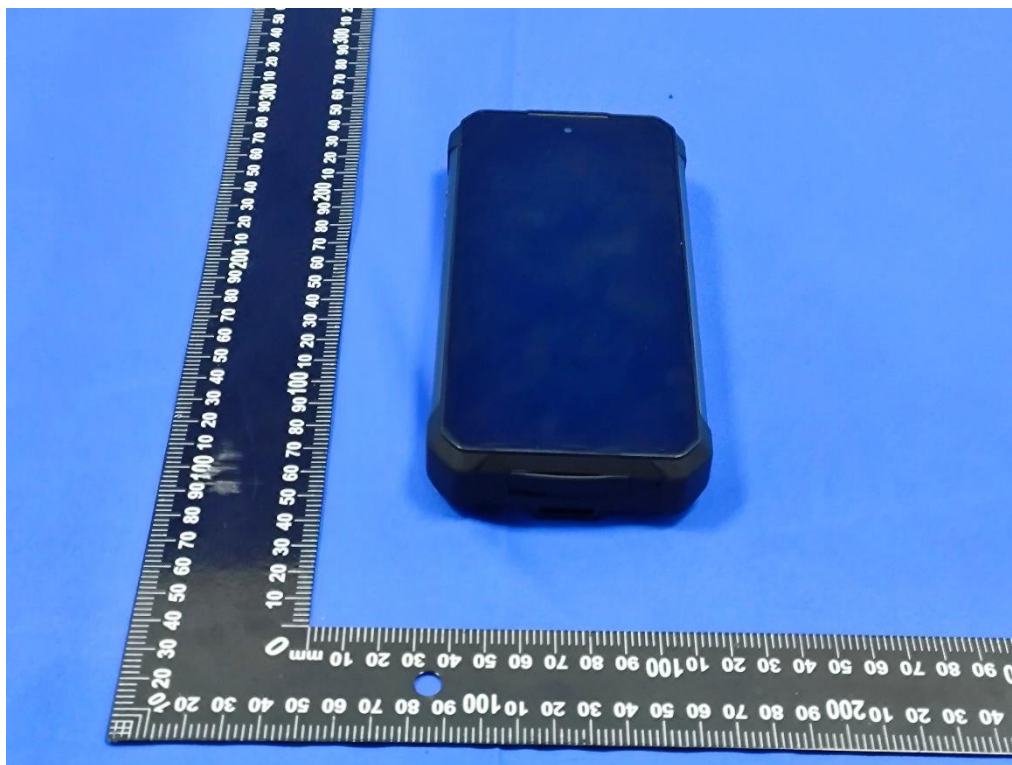
n41	30	100	528000	1@1	CP_QAM64	17.57	PASS
n41	30	100	528000	1@271	CP_QAM64	17.98	PASS
n41	30	100	528000	273@0	CP_QAM256	15.19	PASS
n41	30	100	528000	137@68	CP_QAM256	15.39	PASS
n41	30	100	528000	1@1	CP_QAM256	14.07	PASS
n41	30	100	528000	1@271	CP_QAM256	14.48	PASS



11. EUT and Test Setup Photo

11.1 EUT Photos

Front side

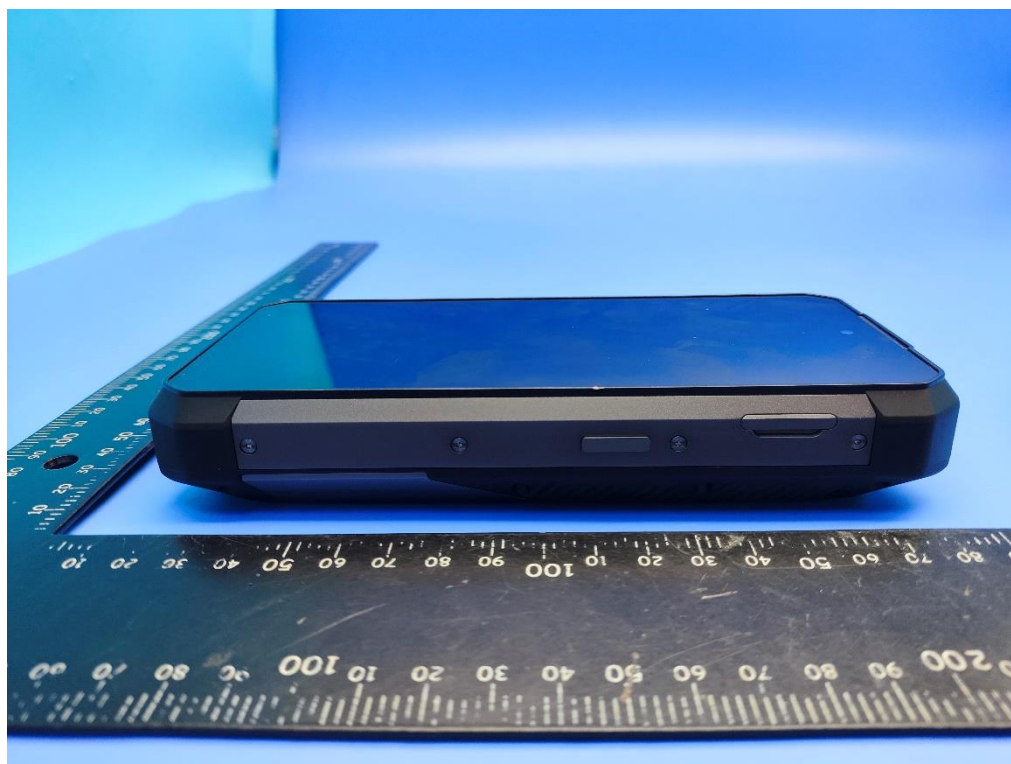


Back side





Right Edge

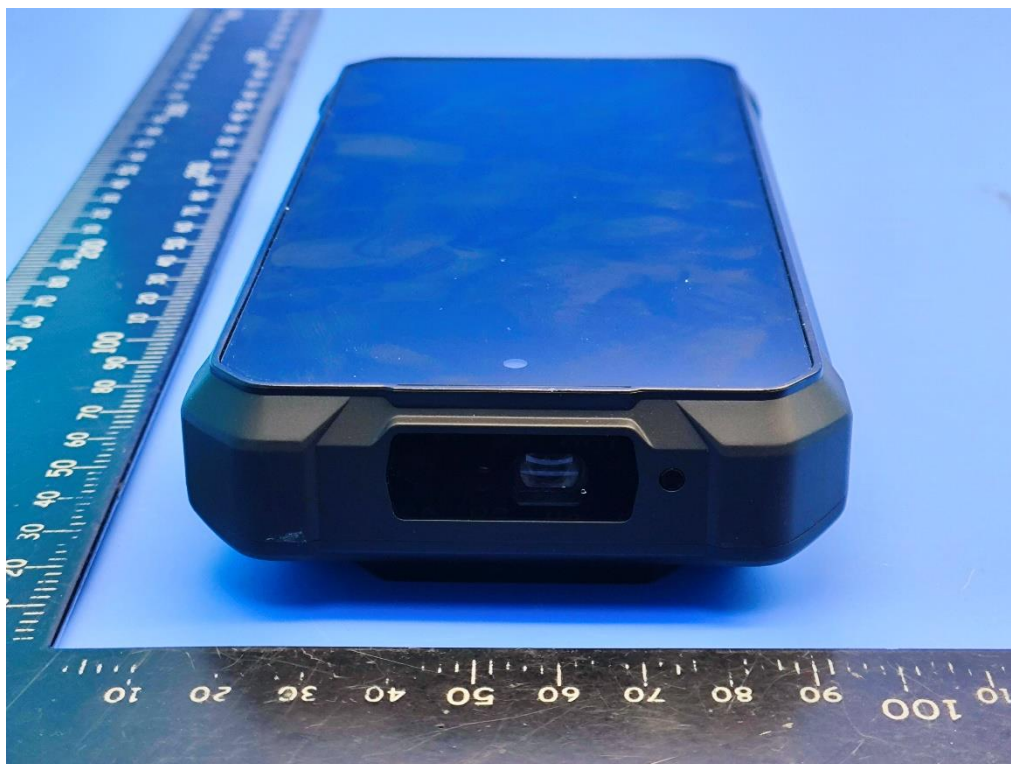


Left Edge





Top Edge

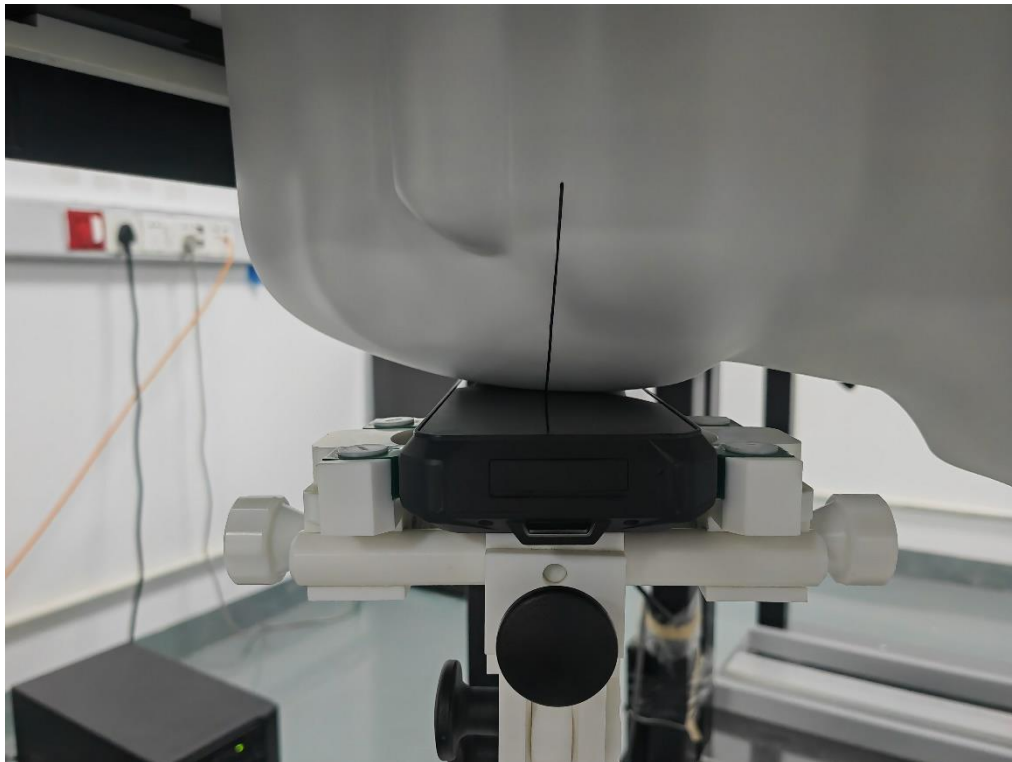


Bottom Edge

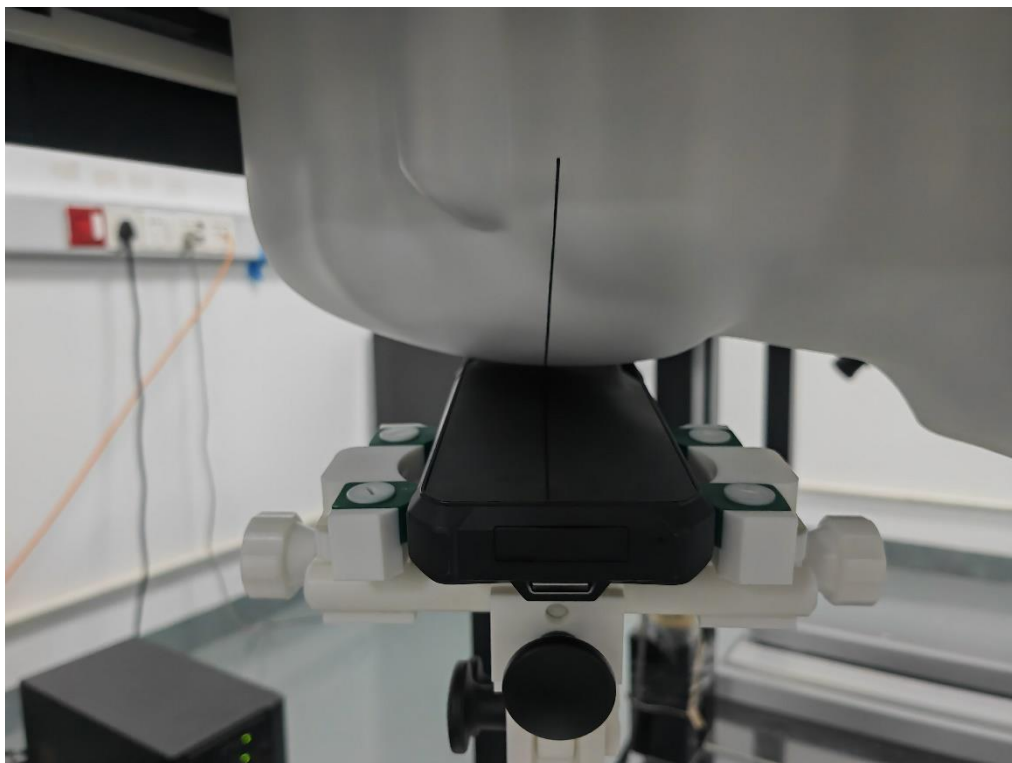


11.2 Setup Photos

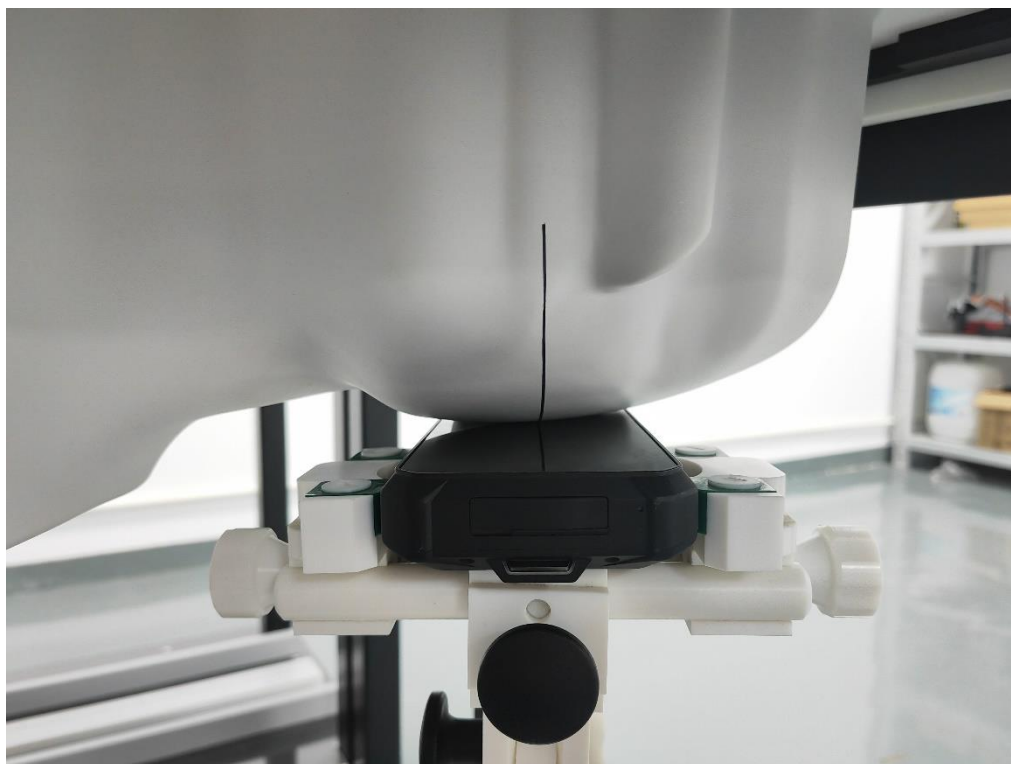
Right Touch



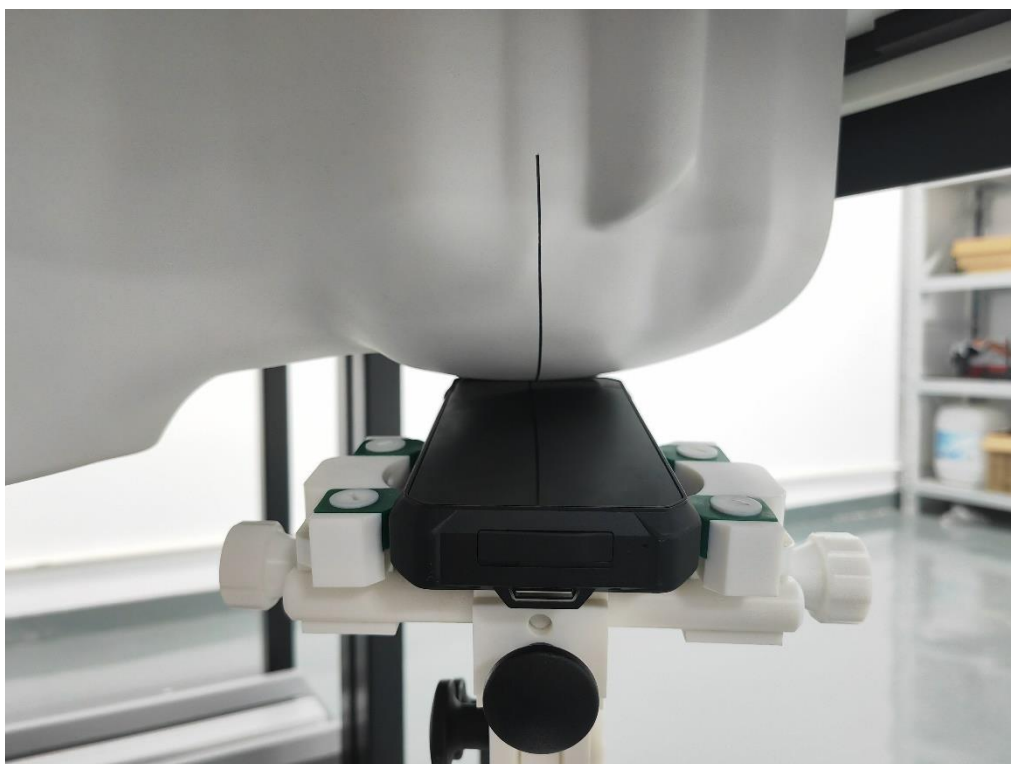
Right Tilt



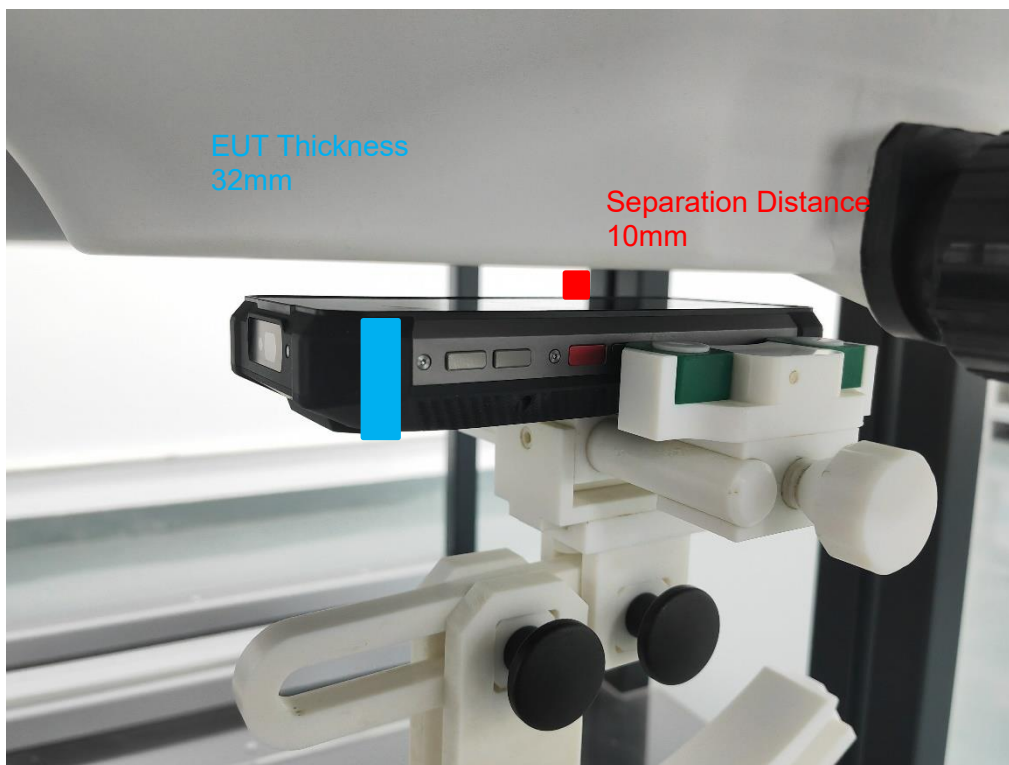
Left Touch



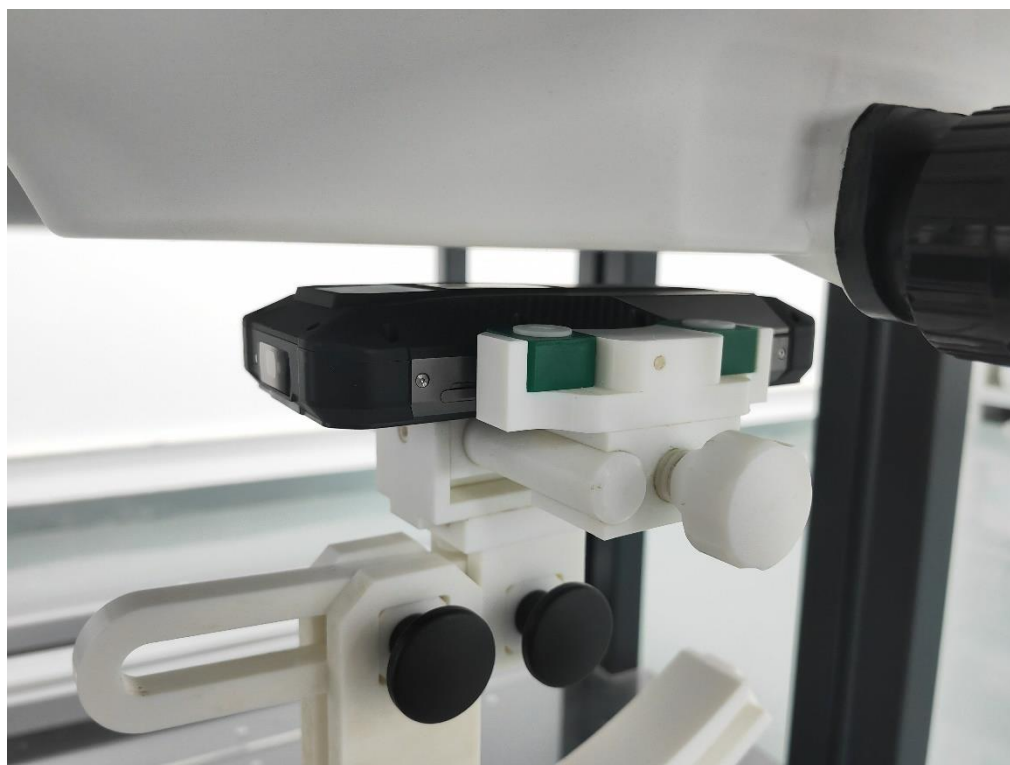
Left Tilt



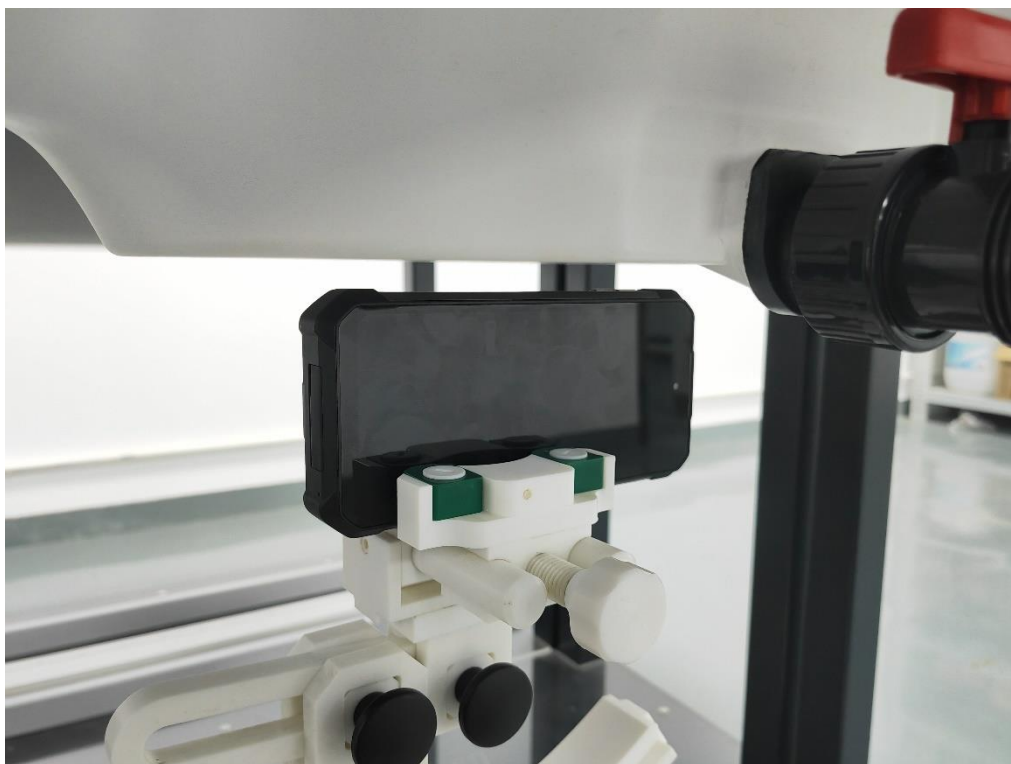
Body Front side (separation distance is 10mm)



Body Back side (separation distance 10mm)



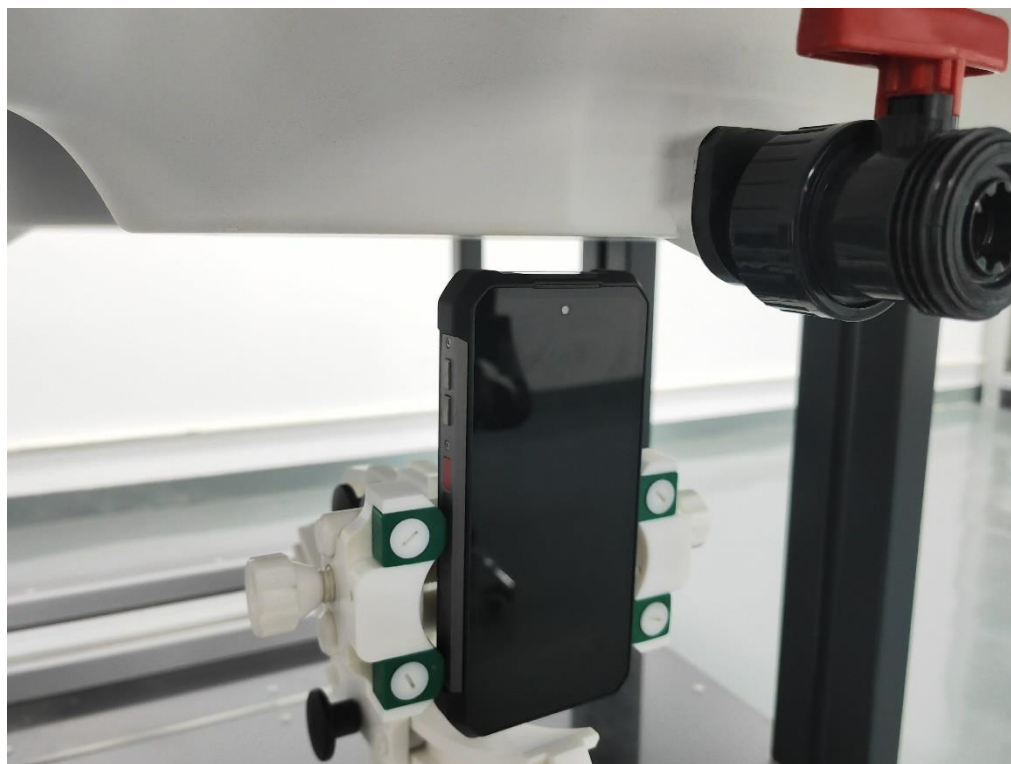
Body Left side (separation distance is 10mm)



Body Right side (separation distance is 10mm)



Body Top side (separation distance is 10mm)



Body Bottom side (separation distance is 10mm)





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)	Scaled SAR (W/Kg)	Meas. No.
GSM850	GSM	Right Cheek	848.8	0.147	-3.54	31.00	30.63	0.160	/
		Right Tilt	848.8	0.214	-3.92	31.00	30.63	0.233	1
		Left Cheek	848.8	0.134	-0.21	31.00	30.63	0.146	/
		Left Tilt	848.8	0.189	2.54	31.00	30.63	0.206	/
PCS 1900	GSM	Right Cheek	1880	0.286	1.42	30.50	30.28	0.301	3
		Right Tilt	1880	0.121	-1.03	30.50	30.28	0.127	/
		Left Cheek	1880	0.240	-0.30	30.50	30.28	0.252	/
		Left Tilt	1880	0.120	-3.16	30.50	30.28	0.126	/
WCDMA Band II	RMC	Right Cheek	1852.4	0.466	3.27	22.00	21.84	0.483	5
		Right Tilt	1852.4	0.121	-1.65	22.00	21.84	0.126	/
		Left Cheek	1852.4	0.109	-3.33	22.00	21.84	0.113	/
		Left Tilt	1852.4	0.113	2.25	22.00	21.84	0.117	/
WCDMA Band IV	RMC	Right Cheek	1752.4	0.294	-2.52	24.50	24.21	0.314	7
		Right Tilt	1752.4	0.194	-1.10	24.50	24.21	0.207	/
		Left Cheek	1752.4	0.087	1.71	24.50	24.21	0.093	/
		Left Tilt	1752.4	0.059	-1.66	24.50	24.21	0.063	/
WCDMA Band V	RMC	Right Cheek	846.6	0.159	1.27	25.00	24.77	0.168	/
		Right Tilt	846.6	0.171	-0.99	25.00	24.77	0.180	/
		Left Cheek	846.6	0.249	1.34	25.00	24.77	0.263	9
		Left Tilt	846.6	0.205	-2.61	25.00	24.77	0.216	/
CDMA	BC0	Right Cheek	824.7	0.081	-0.50	23.50	23.35	0.084	/
		Right Tilt	824.7	0.083	-0.68	23.50	23.35	0.086	/
		Left Cheek	824.7	0.087	-3.18	23.50	23.35	0.090	11
		Left Tilt	824.7	0.084	0.03	23.50	23.35	0.087	/
CDMA	BC1	Right Cheek	1851.25	0.085	-1.54	25.00	24.64	0.092	13
		Right Tilt	1851.25	0.080	3.23	25.00	24.64	0.087	/
		Left Cheek	1851.25	0.080	0.32	25.00	24.64	0.087	/
		Left Tilt	1851.25	0.072	-2.80	25.00	24.64	0.078	/
2.4G WLAN ANT1	802.11b	Right Cheek	2412	0.116	1.37	14.00	13.85	0.120	/
		Right Tilt	2412	0.128	-2.53	14.00	13.85	0.132	15
		Left Cheek	2412	0.124	-0.03	14.00	13.85	0.128	/
		Left Tilt	2412	0.125	2.63	14.00	13.85	0.129	/
2.4G WLAN ANT2	802.11b	Right Cheek	2412	0.075	-0.11	14.50	14.22	0.080	/
		Right Tilt	2412	0.111	0.02	14.50	14.22	0.118	17
		Left Cheek	2412	0.083	1.33	14.50	14.22	0.089	/
		Left Tilt	2412	0.100	0.65	14.50	14.22	0.107	/
2.4G WLAN ANT 1 MIMO	802.11ax-HE20	Right Cheek	2412	0.062	-0.54	23.00	22.91	0.063	/
		Right Tilt	2412	0.077	2.37	23.00	22.91	0.079	19
		Left Cheek	2412	0.047	1.59	23.00	22.91	0.048	/
		Left Tilt	2412	0.059	3.31	23.00	22.91	0.060	/
2.4G WLAN ANT 2 MIMO	802.11ax-HE20	Right Cheek	2412	0.071	3.48	23.00	22.91	0.072	/
		Right Tilt	2412	0.084	-2.41	23.00	22.91	0.086	21
		Left Cheek	2412	0.032	2.38	23.00	22.91	0.033	/



		Left Tilt	2412	0.040	3.71	23.00	22.91	0.041	/
5.2G WLAN ANT1	802.11a	Right Cheek	5240	0.184	-0.44	7.00	6.72	0.196	/
		Right Tilt	5240	0.259	-0.27	7.00	6.72	0.276	/
		Left Cheek	5240	0.217	3.06	7.00	6.72	0.231	/
		Left Tilt	5240	0.307	3.86	7.00	6.72	0.327	23
5.2G WLAN ANT2	802.11a	Right Cheek	5180	0.193	-1.70	3.50	3.09	0.212	/
		Right Tilt	5180	0.280	-3.39	3.50	3.09	0.308	25
		Left Cheek	5180	0.180	0.14	3.50	3.09	0.198	/
		Left Tilt	5180	0.244	2.63	3.50	3.09	0.268	/
5.2G WLAN ANT 1 MIMO	802.11n- HT20	Right Cheek	5180	0.138	-1.71	7.50	7.28	0.145	/
		Right Tilt	5180	0.197	2.90	7.50	7.28	0.207	/
		Left Cheek	5180	0.171	-2.32	7.50	7.28	0.180	/
		Left Tilt	5180	0.234	2.24	7.50	7.28	0.246	27
5.2G WLAN ANT 2 MIMO	802.11n- HT20	Right Cheek	5180	0.13	1.99	7.50	7.28	0.137	/
		Right Tilt	5180	0.179	-1.77	7.50	7.28	0.188	/
		Left Cheek	5180	0.159	-3.11	7.50	7.28	0.167	/
		Left Tilt	5180	0.200	-0.21	7.50	7.28	0.210	29
5.3G WLAN ANT1	802.11n- HT40	Right Cheek	5270	0.105	-1.03	6.00	5.64	0.114	/
		Right Tilt	5270	0.143	-3.61	6.00	5.64	0.155	/
		Left Cheek	5270	0.186	-3.40	6.00	5.64	0.202	/
		Left Tilt	5270	0.269	1.50	6.00	5.64	0.292	31
5.3G WLAN ANT2	802.11n- HT40	Right Cheek	5310	0.118	2.08	5.00	4.66	0.128	/
		Right Tilt	5310	0.120	3.10	5.00	4.66	0.130	/
		Left Cheek	5310	0.168	3.32	5.00	4.66	0.182	/
		Left Tilt	5310	0.196	-0.75	5.00	4.66	0.212	33
5.3G WLAN ANT 1 MIMO	802.11n- HT40	Right Cheek	5270	0.172	-0.19	9.00	8.68	0.185	/
		Right Tilt	5270	0.237	1.34	9.00	8.68	0.255	/
		Left Cheek	5270	0.203	1.69	9.00	8.68	0.219	/
		Left Tilt	5270	0.261	0.18	9.00	8.68	0.281	35
5.3G WLAN ANT 2 MIMO	802.11n- HT40	Right Cheek	5270	0.104	-1.40	9.00	8.68	0.112	/
		Right Tilt	5270	0.132	-3.75	9.00	8.68	0.142	/
		Left Cheek	5270	0.128	0.75	9.00	8.68	0.138	/
		Left Tilt	5270	0.164	-0.28	9.00	8.68	0.177	37
5.6G WLAN ANT1	802.11n- HT20	Right Cheek	5580	0.247	-2.77	4.00	3.76	0.261	/
		Right Tilt	5580	0.343	0.26	4.00	3.76	0.362	/
		Left Cheek	5580	0.297	3.31	4.00	3.76	0.314	/
		Left Tilt	5580	0.425	0.18	4.00	3.76	0.449	39
5.6G WLAN ANT2	802.11n- HT20	Right Cheek	5500	0.179	-1.29	3.00	2.82	0.187	/
		Right Tilt	5500	0.244	-1.98	3.00	2.82	0.254	/
		Left Cheek	5500	0.263	-2.74	3.00	2.82	0.274	/
		Left Tilt	5500	0.384	0.27	3.00	2.82	0.400	41
5.6G WLAN ANT 1 MIMO	802.11n- HT20	Right Cheek	5580	0.095	2.42	8.00	7.58	0.105	/
		Right Tilt	5580	0.112	-0.79	8.00	7.58	0.123	/
		Left Cheek	5580	0.095	-3.78	8.00	7.58	0.105	/
		Left Tilt	5580	0.130	0.09	8.00	7.58	0.143	43
5.6G WLAN ANT 2 MIMO	802.11n- HT20	Right Cheek	5580	0.133	2.42	8.00	7.58	0.147	/
		Right Tilt	5580	0.178	-0.79	8.00	7.58	0.196	/
		Left Cheek	5580	0.146	-3.78	8.00	7.58	0.161	/



		Left Tilt	5580	0.206	0.09	8.00	7.58	0.227	45
5.8G WLAN ANT1	802.11n- HT20	Right Cheek	5745	0.374	-3.14	4.00	3.75	0.396	/
		Right Tilt	5745	0.441	2.20	4.00	3.75	0.467	/
		Left Cheek	5745	0.338	0.13	4.00	3.75	0.358	/
		Left Tilt	5745	0.466	0.28	4.00	3.75	0.494	47
		Left Tilt	5785	0.398	3.67	4.00	3.11	0.489	/
		Left Tilt	5825	0.217	-2.31	4.00	2.71	0.292	/
5.8G WLAN ANT2	802.11a	Right Cheek	5745	0.348	0.45	2.00	1.67	0.375	/
		Right Tilt	5745	0.434	0.29	2.00	1.67	0.468	/
		Left Cheek	5745	0.355	-1.09	2.00	1.67	0.383	/
		Left Tilt	5745	0.451	-3.52	2.00	1.67	0.487	49
5.8G WLAN MIMO	802.11n- HT20	Right Cheek	5745	0.299	1.24	7.50	7.20	0.320	/
		Right Tilt	5745	0.405	2.98	7.50	7.20	0.434	/
		Left Cheek	5745	0.329	-3.94	7.50	7.20	0.353	/
		Left Tilt	5745	0.451	-1.89	7.50	7.20	0.483	51
5.8G WLAN MIMO	802.11n- HT20	Right Cheek	5745	0.218	-2.15	7.50	7.20	0.234	/
		Right Tilt	5745	0.283	-0.62	7.50	7.20	0.303	/
		Left Cheek	5745	0.246	-1.13	7.50	7.20	0.264	/
		Left Tilt	5745	0.350	0.57	7.50	7.20	0.375	53
BT	GFSK	Right Cheek	2402	0.093	0.78	6.00	5.64	0.101	/
		Right Tilt	2402	0.124	3.31	6.00	5.64	0.135	55
		Left Cheek	2402	0.087	-0.45	6.00	5.64	0.095	/
		Left Tilt	2402	0.102	3.99	6.00	5.64	0.111	/
BLE	GFSK	Right Cheek	2402	0.076	2.47	6.00	5.78	0.080	/
		Right Tilt	2402	0.108	0.36	6.00	5.78	0.114	57
		Left Cheek	2402	0.069	-3.76	6.00	5.78	0.073	/
		Left Tilt	2402	0.083	1.81	6.00	5.78	0.087	/

Band	Mode	Max SAR	WIFI MIMO
		(W/Kg)	
2.4G WLAN	802.11ax-HE20 ANT 1	0.079	0.165
	802.11ax-HE20 ANT 2	0.086	
5.2G WLAN	802.11n-HT20 ANT 1	0.246	0.456
	802.11n-HT20 ANT 2	0.21	
5.3G WLAN	802.11n-HT40 ANT 1	0.281	0.458
	802.11n-HT40 ANT 2	0.177	
5.6G WLAN	802.11n-HT20 ANT 1	0.143	0.37
	802.11n-HT20 ANT 2	0.227	
5.8G WLAN	802.11n-HT20 ANT 1	0.483	0.858
	802.11n-HT20 ANT 2	0.375	



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	0	Right Cheek	1880	0.282	-2.06	24.20	23.59	0.325	59
			50	0	Right Cheek	1880	0.210	0.67	24.00	23.58	0.231	/
			1	0	Right Tilt	1880	0.105	0.26	24.20	23.59	0.121	/
			50	0	Right Tilt	1880	0.082	-2.85	24.00	23.58	0.090	/
			1	0	Left Cheek	1880	0.214	-2.40	24.20	23.59	0.246	/
			50	0	Left Cheek	1880	0.158	-3.42	24.00	23.58	0.174	/
			1	0	Left Tilt	1880	0.182	-4.00	24.20	23.59	0.209	/
			50	0	Left Tilt	1880	0.140	-0.15	24.00	23.58	0.154	/
LTE Band 4	20M	QPSK	1	0	Right Cheek	1732.5	0.384	0.59	25.00	24.57	0.424	61
			50	0	Right Cheek	1732.5	0.286	2.29	24.00	23.63	0.311	/
			1	0	Right Tilt	1732.5	0.127	-3.56	25.00	24.57	0.140	/
			50	0	Right Tilt	1732.5	0.107	0.77	24.00	23.63	0.117	/
			1	0	Left Cheek	1732.5	0.322	-2.74	25.00	24.57	0.356	/
			50	0	Left Cheek	1732.5	0.242	3.40	24.00	23.63	0.264	/
			1	0	Left Tilt	1732.5	0.268	0.97	25.00	24.57	0.296	/
			50	0	Left Tilt	1732.5	0.209	-1.42	24.00	23.63	0.228	/
LTE Band 5	10M	QPSK	1	0	Right Cheek	829	0.191	-2.29	24.50	24.43	0.194	/
			25	0	Right Cheek	844	0.153	-3.45	24.00	23.61	0.167	/
			1	0	Right Tilt	829	0.165	-3.04	24.50	24.43	0.168	/
			25	0	Right Tilt	844	0.118	-3.27	24.00	23.61	0.129	/
			1	0	Left Cheek	829	0.248	-3.03	24.50	24.43	0.252	63
			25	0	Left Cheek	844	0.183	0.37	24.00	23.61	0.200	/
			1	0	Left Tilt	829	0.209	2.58	24.50	24.43	0.212	/
			25	0	Left Tilt	844	0.158	2.54	24.00	23.61	0.173	/
LTE Band 7	20M	QPSK	1	0	Right Cheek	2560	0.200	1.05	24.20	23.45	0.238	/
			50	0	Right Cheek	2510	0.151	-3.16	23.00	22.71	0.161	/
			1	0	Right Tilt	2560	0.090	1.55	24.20	23.45	0.107	/
			50	0	Right Tilt	2510	0.056	1.38	23.00	22.71	0.060	/
			1	0	Left Cheek	2560	0.277	2.92	24.20	23.45	0.329	65
			50	0	Left Cheek	2510	0.192	0.65	23.00	22.71	0.205	/
			1	0	Left Tilt	2560	0.232	-1.80	24.20	23.45	0.276	/



			50	0	Left Tilt	2510	0.167	2.10	23.00	22.71	0.179	/
LTE Band 12	10M	QPSK	1	0	Right Cheek	704	0.148	1.02	24.20	24.58	0.136	/
			25	0	Right Cheek	707.5	0.102	-0.43	24.00	23.63	0.111	/
			1	0	Right Tilt	704	0.120	3.67	24.20	24.58	0.110	/
			25	0	Right Tilt	707.5	0.081	-0.08	24.00	23.63	0.088	/
			1	0	Left Cheek	704	0.176	1.55	24.20	24.58	0.161	67
			25	0	Left Cheek	707.5	0.132	-2.53	24.00	23.63	0.144	/
			1	0	Left Tilt	704	0.156	-3.93	24.20	24.58	0.143	/
			25	0	Left Tilt	707.5	0.109	3.32	24.00	23.63	0.119	/
LTE Band 13	10M	QPSK	1	0	Right Cheek	782	0.215	-3.27	25.00	24.44	0.245	/
			25	0	Right Cheek	782	0.162	2.15	23.50	23.37	0.167	/
			1	0	Right Tilt	782	0.192	3.76	25.00	24.44	0.218	/
			25	0	Right Tilt	782	0.154	0.64	23.50	23.37	0.159	/
			1	0	Left Cheek	782	0.271	2.55	25.00	24.44	0.308	69
			25	0	Left Cheek	782	0.200	-1.76	23.50	23.37	0.206	/
			1	0	Left Tilt	782	0.221	1.52	25.00	24.44	0.251	/
			25	0	Left Tilt	782	0.157	-1.71	23.50	23.37	0.162	/
LTE Band 17	10M	QPSK	1	0	Right Cheek	711	0.165	-1.75	25.00	24.76	0.174	/
			25	0	Right Cheek	711	0.114	0.26	24.00	23.62	0.124	/
			1	0	Right Tilt	711	0.145	1.08	25.00	24.76	0.153	/
			25	0	Right Tilt	711	0.105	2.09	24.00	23.62	0.115	/
			1	0	Left Cheek	711	0.199	-3.17	25.00	24.76	0.210	71
			25	0	Left Cheek	711	0.150	0.14	24.00	23.62	0.164	/
			1	0	Left Tilt	711	0.178	-1.90	25.00	24.76	0.188	/
			25	0	Left Tilt	711	0.137	-3.17	24.00	23.62	0.150	/
LTE Band 25	20M	QPSK	1	0	Right Cheek	1882.5	0.418	3.19	24.00	23.33	0.488	73
			50	0	Right Cheek	1882.5	0.302	-2.58	23.80	23.61	0.316	/
			1	0	Right Tilt	1882.5	0.108	-0.61	24.00	23.33	0.126	/
			50	0	Right Tilt	1882.5	0.082	-1.94	23.80	23.61	0.086	/
			1	0	Left Cheek	1882.5	0.346	-1.29	24.00	23.33	0.404	/
			50	0	Left Cheek	1882.5	0.254	-3.93	23.80	23.61	0.265	/
			1	0	Left Tilt	1882.5	0.284	-0.69	24.00	23.33	0.331	/
			50	0	Left Tilt	1882.5	0.222	3.02	23.80	23.61	0.232	/



LTE Band 26	15M	QPSK	1	0	Right Cheek	841.5	0.207	-0.97	25.20	24.79	0.227	/
			36	0	Right Cheek	841.5	0.151	2.72	24.00	23.76	0.160	/
			1	0	Right Tilt	841.5	0.172	-0.75	25.20	24.79	0.189	/
			36	0	Right Tilt	841.5	0.125	3.94	24.00	23.76	0.132	/
			1	0	Left Cheek	841.5	0.245	-2.94	25.20	24.79	0.269	75
			36	0	Left Cheek	841.5	0.172	2.29	24.00	23.76	0.182	/
			1	0	Left Tilt	841.5	0.206	1.93	25.20	24.79	0.226	/
			36	0	Left Tilt	841.5	0.160	2.29	24.00	23.76	0.169	/
LTE Band 38	20M	QPSK	1	0	Right Cheek	2595	0.164	1.56	24.00	23.32	0.192	/
			50	0	Right Cheek	2595	0.132	-2.14	23.00	22.45	0.150	/
			1	0	Right Tilt	2595	0.136	-0.96	24.00	23.32	0.159	/
			50	0	Right Tilt	2595	0.097	0.99	23.00	22.45	0.110	/
			1	0	Left Cheek	2595	0.206	3.68	24.00	23.32	0.241	77
			50	0	Left Cheek	2595	0.156	-1.21	23.00	22.45	0.177	/
			1	0	Left Tilt	2595	0.168	3.83	24.00	23.32	0.196	/
			50	0	Left Tilt	2595	0.135	0.34	23.00	22.45	0.153	/
LTE Band 41	20M	QPSK	1	0	Right Cheek	2506	0.146	3.80	15.00	14.67	0.158	/
			50	0	Right Cheek	2506	0.121	-0.01	15.00	14.67	0.131	/
			1	0	Right Tilt	2506	0.131	-1.06	15.00	14.67	0.141	/
			50	0	Right Tilt	2506	0.098	2.88	15.00	14.67	0.106	/
			1	0	Left Cheek	2506	0.170	3.71	15.00	14.67	0.183	79
			50	0	Left Cheek	2506	0.125	2.46	15.00	14.67	0.135	/
			1	0	Left Tilt	2506	0.142	-2.78	15.00	14.67	0.153	/
			50	0	Left Tilt	2506	0.111	-2.97	15.00	14.67	0.120	/
LTE Band 66	20M	QPSK	1	0	Right Cheek	1745	0.224	3.37	24.50	23.98	0.252	81
			50	0	Right Cheek	1770	0.177	0.64	23.50	23.36	0.183	/
			1	0	Right Tilt	1745	0.105	-1.74	24.50	23.98	0.118	/
			50	0	Right Tilt	1770	0.089	2.50	23.50	23.36	0.092	/
			1	0	Left Cheek	1745	0.180	-3.51	24.50	23.98	0.203	/
			50	0	Left Cheek	1770	0.143	-1.33	23.50	23.36	0.148	/
			1	0	Left Tilt	1745	0.158	-1.89	24.50	23.98	0.178	/
			50	0	Left Tilt	1770	0.117	-0.49	23.50	23.36	0.121	/



SA N2	20M	DFT_QPSK	1	104	Right Cheek	1880	0.206	-3.63	23.00	22.36	0.239	83
			50	25	Right Cheek	1880	0.150	3.47	23.00	22.67	0.162	/
			1	104	Right Tilt	1880	0.097	0.08	23.00	22.36	0.112	/
			50	25	Right Tilt	1880	0.087	-1.08	23.00	22.67	0.094	/
			1	104	Left Cheek	1880	0.175	2.02	23.00	22.36	0.203	/
			50	25	Left Cheek	1880	0.122	2.61	23.00	22.67	0.132	/
			1	104	Left Tilt	1880	0.153	-0.77	23.00	22.36	0.177	/
			50	25	Left Tilt	1880	0.111	0.78	23.00	22.67	0.120	/
SA N5	20M	DFT_BPSK	1	1	Right Cheek	836.5	0.136	1.61	23.00	22.71	0.145	/
			50	25	Right Cheek	834	0.107	1.62	23.00	22.65	0.116	/
			1	1	Right Tilt	836.5	0.127	-1.28	23.00	22.71	0.136	/
			50	25	Right Tilt	834	0.100	0.31	23.00	22.65	0.108	/
			1	1	Left Cheek	836.5	0.169	-1.43	23.00	22.71	0.181	85
			50	25	Left Cheek	834	0.133	0.51	23.00	22.65	0.144	/
			1	1	Left Tilt	836.5	0.151	2.83	23.00	22.71	0.161	/
			50	25	Left Tilt	834	0.122	0.31	23.00	22.65	0.132	/
SA N7	20M	DFT_QPSK	1	104	Right Cheek	2510	0.210	-1.39	22.00	21.85	0.215	87
			50	25	Right Cheek	2510	0.124	0.36	22.00	21.89	0.128	/
			1	104	Right Tilt	2510	0.106	-2.92	22.00	21.85	0.110	/
			50	25	Right Tilt	2510	0.089	-2.68	22.00	21.89	0.091	/
			1	104	Left Cheek	2510	0.205	2.86	22.00	21.85	0.212	/
			50	25	Left Cheek	2510	0.102	-2.68	22.00	21.89	0.105	/
			1	104	Left Tilt	2510	0.127	-3.11	22.00	21.85	0.131	/
			50	25	Left Tilt	2510	0.088	-1.64	22.00	21.89	0.090	/
SA N25	20M	DFT_QPSK	1	1	Right Cheek	1882.5	0.202	1.21	23.00	22.31	0.237	89
			50	25	Right Cheek	1882.5	0.159	-0.73	23.00	22.76	0.168	/
			1	1	Right Tilt	1882.5	0.117	2.81	23.00	22.31	0.137	/
			50	25	Right Tilt	1882.5	0.085	1.41	23.00	22.76	0.090	/
			1	1	Left Cheek	1882.5	0.161	-3.64	23.00	22.31	0.189	/
			50	25	Left Cheek	1882.5	0.107	-3.55	23.00	22.76	0.113	/
			1	1	Left Tilt	1882.5	0.132	2.18	23.00	22.31	0.155	/
			50	25	Left Tilt	1882.5	0.092	1.50	23.00	22.76	0.097	/
SA N38	20M	DFT_QPSK	1	49	Right Cheek	2610	0.137	3.16	22.00	21.73	0.146	/



			25	12	Right Cheek	2580	0.108	-2.93	22.00	21.80	0.113	/
			1	49	Right Tilt	2610	0.115	2.19	22.00	21.73	0.122	/
			25	12	Right Tilt	2580	0.079	-2.79	22.00	21.80	0.083	/
			1	49	Left Cheek	2610	0.177	3.46	22.00	21.73	0.188	91
			25	12	Left Cheek	2580	0.076	-3.91	22.00	21.80	0.080	/
			1	49	Left Tilt	2610	0.096	3.95	22.00	21.73	0.102	/
			25	12	Left Tilt	2580	0.078	-3.75	22.00	21.80	0.082	/
SA N41	100M	DFT_QPSK	1	271	Right Cheek	2640	0.193	-0.59	23.50	22.33	0.253	93
			135	67	Right Cheek	2640	0.141	1.79	23.50	22.91	0.162	/
			1	271	Right Tilt	2640	0.131	0.76	23.50	22.33	0.172	/
			135	67	Right Tilt	2640	0.109	-2.59	23.50	22.91	0.125	/
			1	271	Left Cheek	2640	0.163	-1.57	23.50	22.33	0.213	/
			135	67	Left Cheek	2640	0.125	-3.78	23.50	22.91	0.143	/
			1	271	Left Tilt	2640	0.137	0.41	23.50	22.33	0.179	/
			135	67	Left Tilt	2640	0.094	-0.91	23.50	22.91	0.108	/
SA N77	100M	DFT_BPSK	1	271	Right Cheek	3750	0.247	-0.20	22.00	20.85	0.322	/
			135	67	Right Cheek	3750	0.192	-0.30	22.00	21.46	0.217	/
			1	271	Right Tilt	3750	0.205	0.29	22.00	20.85	0.267	/
			135	67	Right Tilt	3750	0.152	3.70	22.00	21.46	0.172	/
			1	271	Left Cheek	3750	0.280	0.82	22.00	20.85	0.365	95
			135	67	Left Cheek	3750	0.156	-2.87	22.00	21.46	0.177	/
			1	271	Left Tilt	3750	0.163	-0.83	22.00	20.85	0.212	/
			135	67	Left Tilt	3750	0.111	0.80	22.00	21.46	0.126	/



NSA

Band	BW (MHz)	Mod.	RB config	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
SA N41	100M	DFT_QPSK	1 RB	Right Cheek	2640	0.193	-0.59	23.50	22.33	0.253	93
			Full RB	Right Cheek	2640	0.141	1.79	23.50	22.91	0.162	/
			1 RB	Right Tilt	2640	0.131	0.76	23.50	22.33	0.172	/
			Full RB	Right Tilt	2640	0.109	-2.59	23.50	22.91	0.125	/
			1 RB	Left Cheek	2640	0.163	-1.57	23.50	22.33	0.213	/
			Full RB	Left Cheek	2640	0.125	-3.78	23.50	22.91	0.143	/
			1 RB	Left Tilt	2640	0.137	0.41	23.50	22.33	0.179	/
			Full RB	Left Tilt	2640	0.094	-0.91	23.50	22.91	0.108	/
LTE Band 5	10M	QPSK	1	Right Cheek	829	0.191	-2.29	24.50	24.43	0.194	/
			25	Right Cheek	844	0.153	-3.45	24.00	23.61	0.167	/
			1	Right Tilt	829	0.165	-3.04	24.50	24.43	0.168	/
			25	Right Tilt	844	0.118	-3.27	24.00	23.61	0.129	/
			1	Left Cheek	829	0.248	-3.03	24.50	24.43	0.252	63
			25	Left Cheek	844	0.183	0.37	24.00	23.61	0.200	/
			1	Left Tilt	829	0.209	2.58	24.50	24.43	0.212	/
			25	Left Tilt	844	0.158	2.54	24.00	23.61	0.173	/

Band	Mode	Max SAR	NSA N41+ LTE B5
		(W/Kg)	
NSA N41+ LTE B5	SA N41	0.253	0.505
	LTE B5	0.252	

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)	Scaled SAR (W/Kg)	Meas. No.
GSM850	GPRS Data-4 Slot	Front Side	848.8	0.223	-2.07	29.50	29.36	0.230	/
		Back Side	848.8	0.294	-0.61	29.50	29.36	0.304	/
		Left Side	848.8	0.191	-3.79	29.50	29.36	0.197	/
		Right Side	848.8	0.080	0.13	29.50	29.36	0.083	/
		Top Side	848.8	0.037	1.12	29.50	29.36	0.038	/
		Bottom Side	848.8	0.618	-3.11	29.50	29.36	0.638	2
PCS 1900	GPRS Data-4 Slot	Front Side	1880	0.314	1.15	27.50	27.23	0.334	/
		Back Side	1880	0.406	-1.68	27.50	27.23	0.432	/
		Left Side	1880	0.245	-1.81	27.50	27.23	0.261	/
		Right Side	1880	0.189	0.04	27.50	27.23	0.201	/
		Bottom Side	1850.2	0.782	1.31	27.50	27.13	0.852	/
		Bottom Side	1880	0.862	-2.08	27.50	27.23	0.917	4
		Bottom Side	1909.8	0.730	2.68	27.50	27.09	0.802	/
WCDMA Band II	RMC	Front Side	1852.4	0.266	3.23	22.00	21.84	0.276	/
		Back Side	1852.4	0.304	2.53	22.00	21.84	0.315	/
		Left Side	1852.4	0.127	3.67	22.00	21.84	0.132	/
		Right Side	1852.4	0.122	-2.89	22.00	21.84	0.127	/
		Top Side	1852.4	0.089	3.94	22.00	21.84	0.092	/
		Bottom Side	1852.4	1.118	3.55	22.00	21.84	1.160	6
		Bottom Side	1880	0.925	1.28	22.00	21.73	0.984	/
		Bottom Side	1907.6	1.023	-2.38	22.00	21.80	1.071	/
WCDMA Band IV	RMC	Front Side	1752.4	0.205	-3.76	24.50	24.21	0.219	/
		Back Side	1752.4	0.263	3.81	24.50	24.21	0.281	/
		Left Side	1752.4	0.264	2.42	24.50	24.21	0.282	/
		Right Side	1752.4	0.190	-2.80	24.50	24.21	0.203	/
		Bottom Side	1712.6	0.611	-3.22	24.50	23.53	0.764	/
		Bottom Side	1740	0.768	-3.68	24.50	24.16	0.831	/
		Bottom Side	1752.4	0.880	-2.68	24.50	24.21	0.941	8
WCDMA Band V	RMC	Front Side	846.6	0.215	-2.35	25.00	24.77	0.227	/
		Back Side	846.6	0.241	-1.90	25.00	24.77	0.254	/
		Left Side	846.6	0.328	-1.55	25.00	24.77	0.346	/
		Right Side	846.6	0.194	2.22	25.00	24.77	0.205	/
		Bottom Side	846.6	0.401	3.00	25.00	24.77	0.423	10
CDMA	BC0	Front Side	824.7	0.051	1.02	23.50	23.35	0.053	/
		Back Side	824.7	0.074	1.21	23.50	23.35	0.077	/
		Left Side	824.7	0.032	3.42	23.50	23.35	0.033	/
		Right Side	824.7	0.029	-3.52	23.50	23.35	0.030	/
		Bottom Side	824.7	0.092	-0.81	23.50	23.35	0.095	12
CDMA	BC1	Front Side	1851.25	0.042	3.15	25.00	24.64	0.046	/
		Back Side	1851.25	0.079	-1.07	25.00	24.64	0.086	/
		Left Side	1851.25	0.049	-1.92	25.00	24.64	0.053	/
		Right Side	1851.25	0.040	-3.11	25.00	24.64	0.043	/
		Bottom Side	1851.25	0.101	-2.72	25.00	24.64	0.110	14
2.4G WLAN ANT 1	802.11b	Front Side	2412	0.141	0.28	14.00	13.85	0.146	/
		Back Side	2412	0.138	3.22	14.00	13.85	0.143	/
		Left Side	2412	0.149	2.83	14.00	13.85	0.154	16
		Top Side	2412	0.136	3.28	14.00	13.85	0.141	/
2.4G WLAN ANT 2	802.11b	Front Side	2412	0.104	2.38	14.50	14.22	0.111	/
		Back Side	2412	0.102	2.38	14.50	14.22	0.109	/
		Right Side	2412	0.134	-0.11	14.50	14.22	0.143	18
		Top Side	2412	0.107	-3.06	14.50	14.22	0.114	/



2.4G WLAN ANT 1 MIMO	802.11ax- HE20	Front Side	2412	0.038	1.16	23.00	22.91	0.039	/
		Back Side	2412	0.023	-3.46	23.00	22.91	0.023	/
		Left Side	2412	0.039	0.80	23.00	22.91	0.040	/
		Top Side	2412	0.071	-3.78	23.00	22.91	0.072	20
2.4G WLAN ANT 2 MIMO	802.11ax- HE20	Front Side	2412	0.054	-1.26	23.00	22.91	0.055	/
		Back Side	2412	0.060	3.50	23.00	22.91	0.061	22
		Right Side	2412	0.034	-2.80	23.00	22.91	0.035	/
		Top Side	2412	0.051	-2.55	23.00	22.91	0.052	/
5.2G WLAN ANT 1	802.11a	Front Side	5240	0.206	-3.63	7.00	6.72	0.220	/
		Back Side	5240	0.320	0.53	7.00	6.72	0.341	24
		Left Side	5240	0.297	-0.69	7.00	6.72	0.317	/
		Top Side	5240	0.314	3.33	7.00	6.72	0.335	/
5.2G WLAN ANT 2	802.11a	Front Side	5180	0.216	-2.09	3.50	3.09	0.237	/
		Back Side	5180	0.179	-3.72	3.50	3.09	0.197	/
		Right Side	5180	0.123	1.67	3.50	3.09	0.135	/
		Top Side	5180	0.286	-2.00	3.50	3.09	0.314	26
5.2G WLAN ANT 1 MIMO	802.11n- HT20	Front Side	5180	0.061	-0.82	7.50	7.28	0.064	/
		Back Side	5180	0.071	-3.25	7.50	7.28	0.075	/
		Left Side	5180	0.035	3.89	7.50	7.28	0.037	/
		Top Side	5180	0.088	0.80	7.50	7.28	0.093	28
5.2G WLAN ANT 2 MIMO	802.11n- HT20	Front Side	5180	0.035	2.75	7.50	7.28	0.037	/
		Back Side	5180	0.054	-2.03	7.50	7.28	0.057	/
		Right Side	5180	0.037	-0.07	7.50	7.28	0.039	/
		Top Side	5180	0.076	-0.39	7.50	7.28	0.080	30
5.3G WLAN ANT 1	802.11n- HT40	Front Side	5270	0.249	1.37	6.00	5.64	0.271	/
		Back Side	5270	0.199	2.00	6.00	5.64	0.216	/
		Left Side	5270	0.150	2.89	6.00	5.64	0.163	/
		Top Side	5270	0.347	-0.43	6.00	5.64	0.377	32
5.3G WLAN ANT 2	802.11n- HT40	Front Side	5310	0.263	3.70	5.00	4.66	0.284	/
		Back Side	5310	0.218	-2.12	5.00	4.66	0.236	/
		Right Side	5310	0.147	-1.33	5.00	4.66	0.159	/
		Top Side	5310	0.325	-2.79	5.00	4.66	0.351	34
5.3G WLAN ANT 1 MIMO	802.11n- HT40	Front Side	5270	0.059	-2.27	9.00	8.68	0.064	/
		Back Side	5270	0.082	-2.34	9.00	8.68	0.088	/
		Left Side	5270	0.046	-2.25	9.00	8.68	0.050	/
		Top Side	5270	0.099	-1.78	9.00	8.68	0.107	36
5.3G WLAN ANT 2 MIMO	802.11n- HT40	Front Side	5270	0.068	-3.29	9.00	8.68	0.073	/
		Back Side	5270	0.096	3.36	9.00	8.68	0.103	/
		Right Side	5270	0.052	0.55	9.00	8.68	0.056	/
		Top Side	5270	0.112	-1.54	9.00	8.68	0.121	38
5.6G WLAN ANT 1	802.11n- HT20	Front Side	5580	0.347	3.71	4.00	3.76	0.367	/
		Back Side	5580	0.280	0.35	4.00	3.76	0.296	/
		Left Side	5580	0.203	0.17	4.00	3.76	0.215	/
		Top Side	5580	0.449	2.57	4.00	3.76	0.475	40
5.6G WLAN ANT 2	802.11n- HT20	Front Side	5500	0.330	2.21	3.00	2.82	0.344	/
		Back Side	5500	0.260	-2.32	3.00	2.82	0.271	/
		Right Side	5500	0.183	1.20	3.00	2.82	0.191	/
		Top Side	5500	0.421	-1.17	3.00	2.82	0.439	42
5.6G WLAN ANT 1 MIMO	802.11n- HT20	Front Side	5580	0.075	0.11	8.00	7.58	0.083	/
		Back Side	5580	0.096	-0.99	8.00	7.58	0.106	/
		Left Side	5580	0.037	2.99	8.00	7.58	0.041	/
		Top Side	5580	0.116	2.45	8.00	7.58	0.128	44
5.6G WLAN ANT 2 MIMO	802.11n- HT20	Front Side	5580	0.089	-3.56	8.00	7.58	0.098	/
		Back Side	5580	0.124	-0.49	8.00	7.58	0.137	/
		Right Side	5580	0.047	0.49	8.00	7.58	0.052	/
		Top Side	5580	0.153	-3.38	8.00	7.58	0.169	46



5.8G WLAN ANT 1	802.11n- HT20	Front Side	5745	0.359	3.88	4.00	3.75	0.380	/
		Back Side	5745	0.340	-1.85	4.00	3.75	0.360	/
		Left Side	5745	0.185	-3.39	4.00	3.75	0.196	/
		Top Side	5745	0.454	0.04	4.00	3.75	0.481	48
5.8G WLAN ANT 2	802.11a	Front Side	5745	0.352	0.85	2.00	1.67	0.380	/
		Back Side	5745	0.278	-0.95	2.00	1.67	0.300	/
		Right Side	5745	0.196	-0.18	2.00	1.67	0.211	/
		Top Side	5745	0.449	1.25	2.00	1.67	0.484	50
		Bottom Side	5745	0.121	0.25	2.00	1.67	0.131	/
5.8G WLAN ANT 1 MIMO	802.11n- HT20	Front Side	5745	0.095	2.39	7.50	7.20	0.102	/
		Back Side	5745	0.143	-3.51	7.50	7.20	0.153	/
		Left Side	5745	0.066	1.93	7.50	7.20	0.071	/
		Top Side	5745	0.192	-3.41	7.50	7.20	0.206	52
5.8G WLAN ANT 2 MIMO	802.11n- HT20	Front Side	5745	0.114	-3.18	7.50	7.20	0.122	/
		Back Side	5745	0.171	-3.52	7.50	7.20	0.183	/
		Right Side	5745	0.07	0.30	7.50	7.20	0.075	/
		Top Side	5745	0.217	-2.68	7.50	7.20	0.233	54
BT	GFSK	Front Side	2402	0.123	-2.36	6.00	5.64	0.134	/
		Back Side	2402	0.100	1.73	6.00	5.64	0.109	/
		Left Side	2402	0.139	1.29	6.00	5.64	0.151	56
		Top Side	2402	0.080	0.12	6.00	5.64	0.087	/
BLE	GFSK	Front Side	2402	0.112	-1.81	6.00	5.78	0.118	/
		Back Side	2402	0.117	1.86	6.00	5.78	0.123	/
		Left Side	2402	0.132	-2.62	6.00	5.78	0.139	58
		Top Side	2402	0.087	-1.03	6.00	5.78	0.092	/

Band	Mode	Max SAR	WIFI MIMO
		(W/Kg)	
2.4G WLAN	802.11ax-HE20 ANT 1	0.072	0.133
	802.11ax-HE20 ANT 2	0.061	
5.2G WLAN	802.11n-HT20 ANT 1	0.093	0.173
	802.11n-HT20 ANT 2	0.08	
5.3G WLAN	802.11n-HT40 ANT 1	0.107	0.228
	802.11n-HT40 ANT 2	0.121	
5.6G WLAN	802.11n-HT20 ANT 1	0.128	0.297
	802.11n-HT20 ANT 2	0.169	
5.8G WLAN	802.11n-HT20 ANT 1	0.206	0.439
	802.11n-HT20 ANT 2	0.233	



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	104	Front side	1880	0.204	0.72	24.20	23.59	0.235	/
			50	25	Front side	1880	0.165	-2.62	24.00	23.58	0.182	/
			1	104	Back Side	1880	0.256	1.27	24.20	23.59	0.295	/
			50	25	Back Side	1880	0.207	0.73	24.00	23.58	0.228	/
			1	104	Left Side	1880	0.121	1.91	24.20	23.59	0.139	/
			50	25	Left Side	1880	0.079	2.58	24.00	23.58	0.087	/
			1	104	Right Side	1880	0.100	2.41	24.20	23.59	0.115	/
			50	25	Right Side	1880	0.079	3.10	24.00	23.58	0.087	/
			1	104	Bottom Side	1880	0.563	2.27	24.20	23.59	0.648	60
			50	25	Bottom Side	1880	0.443	-1.34	24.00	23.58	0.488	/
LTE Band 4	20M	QPSK	1	0	Front side	1732.5	0.233	-0.44	25.00	24.57	0.257	/
			50	0	Front side	1732.5	0.182	1.87	24.00	23.63	0.198	/
			1	0	Back Side	1732.5	0.288	2.09	25.00	24.57	0.318	/
			50	0	Back Side	1732.5	0.232	2.55	24.00	23.63	0.253	/
			1	0	Left Side	1732.5	0.130	2.08	25.00	24.57	0.144	/
			50	0	Left Side	1732.5	0.093	2.79	24.00	23.63	0.101	/
			1	0	Right Side	1732.5	0.116	-0.31	25.00	24.57	0.128	/
			50	0	Right Side	1732.5	0.095	1.69	24.00	23.63	0.103	/
			1	0	Bottom Side	1732.5	0.652	2.67	25.00	24.57	0.720	62
			50	0	Bottom Side	1732.5	0.546	2.00	24.00	23.63	0.595	/
LTE Band 5	10M	QPSK	1	0	Front side	829	0.167	2.24	24.50	24.43	0.170	/
			25	0	Front side	844	0.118	1.13	24.00	23.61	0.129	/
			1	0	Back Side	829	0.213	-0.01	24.50	24.43	0.216	/
			25	0	Back Side	844	0.186	-0.12	24.00	23.61	0.203	/
			1	0	Left Side	829	0.290	2.24	24.50	24.43	0.295	/
			25	0	Left Side	844	0.240	3.55	24.00	23.61	0.263	/
			1	0	Right Side	829	0.088	0.28	24.50	24.43	0.089	/
			25	0	Right Side	844	0.055	1.13	24.00	23.61	0.060	/
			1	0	Bottom Side	829	0.325	-0.89	24.50	24.43	0.330	64
			25	0	Bottom Side	844	0.243	2.11	24.00	23.61	0.266	/



LTE Band 7	20M	QPSK	1	0	Front side	2560	0.143	3.22	24.20	23.45	0.170	/
			50	0	Front side	2510	0.112	-1.05	23.00	22.71	0.120	/
			1	0	Back Side	2560	0.168	-1.94	24.20	23.45	0.200	/
			50	0	Back Side	2510	0.139	0.13	23.00	22.71	0.149	/
			1	0	Left Side	2560	0.084	1.38	24.20	23.45	0.100	/
			50	0	Left Side	2510	0.073	-1.45	23.00	22.71	0.078	/
			1	0	Right Side	2560	0.066	-0.92	24.20	23.45	0.078	/
			50	0	Right Side	2510	0.056	0.19	23.00	22.71	0.060	/
			1	0	Bottom Side	2560	0.365	0.30	24.20	23.45	0.434	66
			50	0	Bottom Side	2510	0.295	2.13	23.00	22.71	0.315	/
LTE Band 12	10M	QPSK	1	0	Front side	704	0.111	3.05	24.20	24.58	0.102	/
			25	0	Front side	707.5	0.089	3.74	24.00	23.63	0.097	/
			1	0	Back Side	704	0.154	-0.44	24.20	24.58	0.141	/
			25	0	Back Side	707.5	0.128	2.72	24.00	23.63	0.139	/
			1	0	Left Side	704	0.160	-1.24	24.20	24.58	0.147	/
			25	0	Left Side	707.5	0.144	-2.02	24.00	23.63	0.157	/
			1	0	Right Side	704	0.071	-2.12	24.20	24.58	0.065	/
			25	0	Right Side	707.5	0.058	-1.45	24.00	23.63	0.063	/
			1	0	Bottom Side	704	0.197	1.32	24.20	24.58	0.180	68
			25	0	Bottom Side	707.5	0.172	-2.82	24.00	23.63	0.187	/
LTE Band 13	10M	QPSK	1	0	Front side	782	0.172	3.73	25.00	24.44	0.196	/
			25	0	Front side	782	0.138	1.37	23.50	23.37	0.142	/
			1	0	Back Side	782	0.216	-1.86	25.00	24.44	0.246	/
			25	0	Back Side	782	0.183	-2.23	23.50	23.37	0.189	/
			1	0	Left Side	782	0.265	0.49	25.00	24.44	0.301	/
			25	0	Left Side	782	0.209	1.26	23.50	23.37	0.215	/
			1	0	Right Side	782	0.068	-3.87	25.00	24.44	0.077	/
			25	0	Right Side	782	0.044	-2.30	23.50	23.37	0.045	/
			1	0	Bottom Side	782	0.305	-0.74	25.00	24.44	0.347	70
			25	0	Bottom Side	782	0.249	3.19	23.50	23.37	0.257	/



LTE Band 17	10M	QPSK	1	0	Front side	711	0.114	1.01	25.00	24.76	0.120	/
			25	0	Front side	711	0.078	0.02	24.00	23.62	0.085	/
			1	0	Back Side	711	0.150	-1.90	25.00	24.76	0.159	/
			25	0	Back Side	711	0.109	3.04	24.00	23.62	0.119	/
			1	0	Left Side	711	0.179	-1.84	25.00	24.76	0.189	/
			25	0	Left Side	711	0.145	-1.70	24.00	23.62	0.158	/
			1	0	Right Side	711	0.060	3.19	25.00	24.76	0.063	/
			25	0	Right Side	711	0.055	-1.10	24.00	23.62	0.060	/
			1	0	Bottom Side	711	0.206	3.69	25.00	24.76	0.218	72
			25	0	Bottom Side	711	0.159	-0.35	24.00	23.62	0.174	/
LTE Band 25	20M	QPSK	1	0	Front side	1882.5	0.217	0.10	24.00	23.33	0.253	/
			50	0	Front side	1882.5	0.153	2.80	23.80	23.61	0.160	/
			1	0	Back Side	1882.5	0.269	2.43	24.00	23.33	0.314	/
			50	0	Back Side	1882.5	0.223	-3.13	23.80	23.61	0.233	/
			1	0	Left Side	1882.5	0.130	2.86	24.00	23.33	0.152	/
			50	0	Left Side	1882.5	0.094	3.62	23.80	23.61	0.098	/
			1	0	Right Side	1882.5	0.104	2.41	24.00	23.33	0.121	/
			50	0	Right Side	1882.5	0.081	-1.65	23.80	23.61	0.085	/
			1	0	Bottom Side	1882.5	0.588	3.24	24.00	23.33	0.686	74
			50	0	Bottom Side	1882.5	0.466	3.46	23.80	23.61	0.487	/
LTE Band 26	15M	QPSK	1	0	Front side	841.5	0.161	-2.97	25.20	24.79	0.177	/
			36	0	Front side	841.5	0.137	2.73	24.00	23.76	0.145	/
			1	0	Back Side	841.5	0.207	-0.37	25.20	24.79	0.227	/
			36	0	Back Side	841.5	0.175	2.71	24.00	23.76	0.185	/
			1	0	Left Side	841.5	0.253	3.89	25.20	24.79	0.278	/
			36	0	Left Side	841.5	0.218	1.54	24.00	23.76	0.230	/
			1	0	Right Side	841.5	0.072	2.39	25.20	24.79	0.079	/
			36	0	Right Side	841.5	0.057	3.63	24.00	23.76	0.060	/
			1	0	Bottom Side	841.5	0.304	-0.02	25.20	24.79	0.334	76
			36	0	Bottom Side	841.5	0.237	2.57	24.00	23.76	0.250	/



LTE Band 38	20M	QPSK	1	0	Front side	2595	0.111	-1.11	24.00	23.32	0.130	/
			50	0	Front side	2595	0.091	-2.13	23.00	22.45	0.103	/
			1	0	Back Side	2595	0.113	-2.32	24.00	23.32	0.132	/
			50	0	Back Side	2595	0.094	-3.02	23.00	22.45	0.107	/
			1	0	Left Side	2595	0.084	-2.35	24.00	23.32	0.098	/
			50	0	Left Side	2595	0.059	-3.11	23.00	22.45	0.067	/
			1	0	Right Side	2595	0.066	3.73	24.00	23.32	0.077	/
			50	0	Right Side	2595	0.057	-2.41	23.00	22.45	0.065	/
			1	0	Bottom Side	2595	0.159	-3.68	24.00	23.32	0.186	78
			50	0	Bottom Side	2595	0.115	-0.84	23.00	22.45	0.131	/
LTE Band 41	20M	QPSK	1	0	Front side	2506	0.169	-0.78	15.00	14.67	0.182	/
			50	0	Front side	2506	0.125	-0.62	15.00	14.67	0.135	/
			1	0	Back Side	2506	0.170	-0.86	15.00	14.67	0.183	/
			50	0	Back Side	2506	0.147	-0.52	15.00	14.67	0.159	/
			1	0	Bottom Side	2506	0.244	-0.79	15.00	14.67	0.263	80
			50	0	Bottom Side	2506	0.196	0.65	15.00	14.67	0.211	/
LTE Band 66	20M	QPSK	1	0	Front side	1745	0.260	-3.22	24.50	23.98	0.293	/
			50	0	Front side	1770	0.211	0.79	23.50	23.36	0.218	/
			1	0	Back Side	1745	0.334	-1.57	24.50	23.98	0.376	/
			50	0	Back Side	1770	0.269	1.85	23.50	23.36	0.278	/
			1	0	Left Side	1745	0.150	0.86	24.50	23.98	0.169	/
			50	0	Left Side	1770	0.122	0.83	23.50	23.36	0.126	/
			1	0	Right Side	1745	0.142	3.76	24.50	23.98	0.160	/
			50	0	Right Side	1770	0.118	3.02	23.50	23.36	0.122	/
			1	0	Bottom Side	1720	0.625	2.64	24.50	23.47	0.792	/
			1	0	Bottom Side	1745	0.740	3.67	24.50	23.98	0.834	82
			1	0	Bottom Side	1770	0.583	-3.52	24.50	23.35	0.760	/
			50	0	Bottom Side	1770	0.615	3.24	23.50	23.36	0.635	/
SA N2	20M	DFT_QPSK	1	104	Front side	1880	0.194	-3.30	23.00	22.36	0.225	/
			50	25	Front side	1880	0.148	0.70	23.00	22.67	0.160	/
			1	104	Back Side	1880	0.229	0.75	23.00	22.36	0.265	/
			50	25	Back Side	1880	0.167	3.88	23.00	22.67	0.180	/



			1	104	Left Side	1880	0.106	-1.78	23.00	22.36	0.123	/
			50	25	Left Side	1880	0.100	1.70	23.00	22.67	0.108	/
			1	104	Right Side	1880	0.106	0.77	23.00	22.36	0.123	/
			50	25	Right Side	1880	0.088	3.31	23.00	22.67	0.095	/
			1	104	Bottom Side	1880	0.526	-2.61	23.00	22.36	0.610	84
			50	25	Bottom Side	1880	0.411	-3.21	23.00	22.67	0.443	/
SA N5	20M	DFT_BPSK	1	1	Front side	836.5	0.148	0.77	23.00	22.71	0.158	/
			50	25	Front side	834	0.130	1.27	23.00	22.65	0.141	/
			1	1	Back Side	836.5	0.187	0.98	23.00	22.71	0.200	/
			50	25	Back Side	834	0.162	2.15	23.00	22.65	0.176	/
			1	1	Left Side	836.5	0.066	-0.85	23.00	22.71	0.071	/
			50	25	Left Side	834	0.057	-2.19	23.00	22.65	0.062	/
			1	1	Right Side	836.5	0.066	-1.76	23.00	22.71	0.071	/
			50	25	Right Side	834	0.050	3.35	23.00	22.65	0.054	/
			1	1	Bottom Side	836.5	0.276	2.08	23.00	22.71	0.295	86
			50	25	Bottom Side	834	0.205	2.46	23.00	22.65	0.222	/
SA N7	20M	DFT_QPSK	1	104	Front side	2510	0.216	3.45	22.00	21.85	0.224	/
			50	25	Front side	2510	0.163	3.15	22.00	21.89	0.167	/
			1	104	Back Side	2510	0.234	1.12	22.00	21.85	0.242	/
			50	25	Back Side	2510	0.190	1.88	22.00	21.89	0.195	/
			1	104	Left Side	2510	0.104	2.48	22.00	21.85	0.108	/
			50	25	Left Side	2510	0.088	0.64	22.00	21.89	0.090	/
			1	104	Right Side	2510	0.128	2.44	22.00	21.85	0.132	/
			50	25	Right Side	2510	0.113	-1.91	22.00	21.89	0.116	/
			1	104	Bottom Side	2510	0.343	3.35	22.00	21.85	0.355	88
			50	25	Bottom Side	2510	0.269	2.38	22.00	21.89	0.276	/
SA N25	20M	DFT_QPSK	1	1	Front side	1882.5	0.167	0.94	23.00	22.31	0.196	/
			50	25	Front side	1882.5	0.144	1.73	23.00	22.76	0.152	/
			1	1	Back Side	1882.5	0.211	2.96	23.00	22.24	0.251	/
			50	25	Back Side	1882.5	0.171	-2.03	23.00	22.76	0.181	/
			1	1	Left Side	1882.5	0.152	2.09	23.00	22.24	0.181	/
			50	25	Left Side	1882.5	0.127	-1.21	23.00	22.76	0.134	/
			1	1	Right Side	1882.5	0.096	-0.39	23.00	22.24	0.114	/



			50	25	Right Side	1882.5	0.083	1.33	23.00	22.76	0.088	/
			1	1	Bottom Side	1882.5	0.474	2.82	23.00	22.24	0.565	90
			50	25	Bottom Side	1882.5	0.376	-2.99	23.00	22.76	0.397	/
SA N38	20M	DFT_QPSK	1	49	Front side	2610	0.162	-2.16	22.00	21.73	0.172	/
			25	12	Front side	2580	0.114	-1.82	22.00	21.80	0.119	/
			1	49	Back Side	2610	0.172	1.65	22.00	21.73	0.183	/
			25	12	Back Side	2580	0.141	1.53	22.00	20.76	0.188	/
			1	49	Left Side	2610	0.086	-2.01	22.00	21.73	0.092	/
			25	12	Left Side	2580	0.078	-2.17	22.00	20.76	0.104	/
			1	49	Right Side	2610	0.083	1.30	22.00	21.73	0.088	/
			25	12	Right Side	2580	0.076	-0.07	22.00	20.76	0.101	/
			1	49	Bottom Side	2610	0.235	1.22	22.00	21.73	0.250	92
			25	12	Bottom Side	2580	0.183	-3.09	22.00	20.76	0.243	/
SA N41	100M	DFT_QPSK	1	271	Front side	2640	0.125	-1.71	23.5	22.33	0.164	/
			135	67	Front side	2640	0.112	-3.95	23.5	22.91	0.128	/
			1	271	Back Side	2640	0.122	1.39	23.5	22.33	0.160	/
			135	67	Back Side	2640	0.100	0.25	23.5	22.91	0.115	/
			1	271	Left Side	2640	0.065	4.00	23.5	22.33	0.085	/
			135	67	Left Side	2640	0.066	-2.53	23.5	22.91	0.076	/
			1	271	Right Side	2640	0.063	0.50	23.5	22.33	0.082	/
			135	67	Right Side	2640	0.053	3.81	23.5	22.91	0.061	/
			1	271	Bottom Side	2640	0.170	2.27	23.5	22.33	0.223	94
			135	67	Bottom Side	2640	0.133	0.24	23.5	22.91	0.152	/
SA N77	100M	DFT_BPSK	1	271	Front side	3750	0.160	3.59	22.00	20.85	0.209	/
			135	67	Front side	3750	0.117	-3.07	22.00	21.46	0.132	/
			1	271	Back Side	3750	0.177	3.95	22.00	20.85	0.231	/
			135	67	Back Side	3750	0.149	0.04	22.00	21.46	0.169	/
			1	271	Right Side	3750	0.294	2.60	22.00	20.85	0.383	96
			135	67	Right Side	3750	0.242	1.28	22.00	21.46	0.274	/
			1	271	Top Side	3750	0.260	0.01	22.00	20.85	0.339	/
			135	67	Top Side	3750	0.198	2.99	22.00	21.46	0.224	/



NSA

Band	BW (MHz)	Mod.	RB config	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
SA N41	100M	DFT_QPSK	1	Front side	2640	0.125	-1.71	23.5	22.33	0.164	/
			135	Front side	2640	0.112	-3.95	23.5	22.91	0.128	/
			1	Back Side	2640	0.122	1.39	23.5	22.33	0.160	/
			135	Back Side	2640	0.100	0.25	23.5	22.91	0.115	/
			1	Left Side	2640	0.065	4.00	23.5	22.33	0.085	/
			135	Left Side	2640	0.066	-2.53	23.5	22.91	0.076	/
			1	Right Side	2640	0.063	0.50	23.5	22.33	0.082	/
			135	Right Side	2640	0.053	3.81	23.5	22.91	0.061	/
			1	Bottom Side	2640	0.170	2.27	23.5	22.33	0.223	94
			135	Bottom Side	2640	0.133	0.24	23.5	22.91	0.152	/
LTE Band 5	10M	QPSK	1	Front side	829	0.167	2.24	24.50	24.43	0.170	/
			25	Front side	844	0.118	1.13	24.00	23.61	0.129	/
			1	Back Side	829	0.213	-0.01	24.50	24.43	0.216	/
			25	Back Side	844	0.186	-0.12	24.00	23.61	0.203	/
			1	Left Side	829	0.290	2.24	24.50	24.43	0.295	/
			25	Left Side	844	0.240	3.55	24.00	23.61	0.263	/
			1	Right Side	829	0.088	0.28	24.50	24.43	0.089	/
			25	Right Side	844	0.055	1.13	24.00	23.61	0.060	/
			1	Bottom Side	829	0.325	-0.89	24.50	24.43	0.330	64
			25	Bottom Side	844	0.243	2.11	24.00	23.61	0.266	/

Band	Mode	Max SAR	NSA N41+ LTE B5
		(W/Kg)	
NSA N41+ LTE B5	SA N41	0.223	0.553
	LTE B5	0.330	

Note:

- The test separation of all above table is 10mm.
- 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 Repeated SAR

Band	Mode	Test Position	Freq.	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	Bottom Side	1850.2	0.758	1.18	27.50	27.13	0.826
		Bottom Side	1880	0.861	3.98	27.50	27.23	0.916
		Bottom Side	1909.8	0.706	2.09	27.50	27.09	0.775
WCDMA Band II	RMC	Bottom Side	1852.4	1.112	3.87	22.00	21.84	1.153
		Bottom Side	1880	0.907	2.55	22.00	21.73	0.965
		Bottom Side	1907.6	0.986	-3.99	22.00	21.80	1.033
WCDMA Band IV	RMC	Back Side	1740	0.747	0.75	24.50	24.16	0.808
		Back Side	1752.4	0.878	2.03	24.50	24.21	0.939

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 66	20M	QPSK	1	0	Bottom Side	1745	0.731	2.59	24.50	23.98	0.824



12.4 Repeated SAR measurement

Band	Mode	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
PCS 1900	GPRS Data-4 Slot	Bottom Side	1850.2	0.782	0.758	1.032
		Bottom Side	1880	0.862	0.861	1.001
		Bottom Side	1909.8	0.730	0.706	1.035
WCDMA Band II	RMC	Bottom Side	1852.4	1.118	1.112	1.006
		Bottom Side	1880	0.925	0.907	1.020
		Bottom Side	1907.6	1.023	0.986	1.037
WCDMA Band IV	RMC	Back Side	1740	0.768	0.747	1.028
		Back Side	1752.4	0.880	0.878	1.002

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 66	20M	QPSK	1	0	Bottom Side	1745	0.740	0.731	1.012

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.



12.5 Simultaneous Multi-band Transmission Evaluation:

Application Simultaneous Transmission information:

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

NOTE:

- Bluetooth and WLAN can't simultaneous transmission at the same time.
- For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
- If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
- 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:
 - (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f (GHz) /x] W/kg for test separation distances ≤ 50 mm;
Where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR.
 - 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is >50mm.



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Head	GSM	0.301	0.466
		2.4G WLAN	0.165	
	Body	GSM	0.917	1.071
		2.4G WLAN	0.154	
GSM + Bluetooth	Head	GSM	0.301	0.436
		Bluetooth	0.135	
	Body	GSM	0.917	1.068
		Bluetooth	0.151	
GSM + 5G WLAN	Head	GSM	0.301	1.159
		5G WLAN	0.858	
	Body	GSM	0.917	1.401
		5G WLAN	0.484	
WCDMA + 2.4G WLAN	Head	WCDMA	0.483	0.648
		2.4G WLAN	0.165	
	Body	WCDMA	1.160	1.314
		2.4G WLAN	0.154	
WCDMA + Bluetooth	Head	WCDMA	0.483	0.618
		Bluetooth	0.135	
	Body	WCDMA	1.160	1.311
		Bluetooth	0.151	
WCDMA + 5G WLAN	Head	WCDMA	0.483	1.341
		5G WLAN	0.858	
	Body Top Side	WCDMA	0.092	0.576
		5G WLAN	0.484	
	Body Bottom	WCDMA	1.160	1.291
		5G WLAN	0.131	
CDMA + 2.4G WLAN	Head	CDMA	0.092	0.257
		2.4G WLAN	0.165	
	Body	CDMA	0.110	0.264
		2.4G WLAN	0.154	
CDMA + Bluetooth	Head	CDMA	0.092	0.227
		Bluetooth	0.135	
	Body	CDMA	0.110	0.261
		Bluetooth	0.151	
CDMA + 5G WLAN	Head	CDMA	0.092	0.950
		5G WLAN	0.858	
	Body	CDMA	0.110	0.594
		5G WLAN	0.484	
LTE + 2.4G WLAN	Head	LTE	0.488	0.653
		2.4G WLAN	0.165	
	Body	LTE	0.834	0.988
		2.4G WLAN	0.154	
LTE + Bluetooth	Head	LTE	0.488	0.623
		Bluetooth	0.135	
	Body	LTE	0.834	0.985
		Bluetooth	0.151	



LTE + 5G WLAN	Head	LTE	0.488	1.346
		5G WLAN	0.858	
	Body	LTE	0.834	1.318
		5G WLAN	0.484	
SA + 2.4G WLAN	Head	SA	0.365	0.530
		2.4G WLAN	0.165	
	Body	SA	0.610	0.764
		2.4G WLAN	0.154	
SA+ Bluetooth	Head	NR SA	0.365	0.500
		Bluetooth	0.135	
	Body	NR SA	0.610	0.761
		Bluetooth	0.151	
SA + 5G WLAN	Head	NR SA	0.365	1.223
		5G WLAN	0.858	
	Body	NR SA	0.610	1.094
		5G WLAN	0.484	
NSA + 2.4G WLAN	Head	NR NSA	0.505	0.670
		2.4G WLAN	0.165	
	Body	NR NSA	0.553	0.707
		2.4G WLAN	0.154	
NSA+Bluetooth	Head	NR NSA	0.505	0.640
		Bluetooth	0.135	
	Body	NR NSA	0.553	0.704
		Bluetooth	0.151	
NSA + 5G WLAN	Head	NR NSA	0.505	1.363
		5G WLAN	0.858	
	Body	NR NSA	0.553	1.037
		5G WLAN	0.484	

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	2022.02.11	2025.02.10
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2022.02.11	2025.02.10
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2022.02.11	2025.02.10
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2022.02.11	2025.02.10
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2022.02.11	2025.02.10
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2022.02.11	2025.02.10
3700MHz Dipole	MVG	DIP3G700	SN 06/22 DIP3G700-648	2022.02.11	2025.02.10
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2022.02.11	2025.02.10
E-Field Probe	MVG	EPGO364	SN 04/22 EPGO364	2023.02.10	2024.02.09
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2023.02.10	2024.02.09
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 holder	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDCP	202203280013	N/A	N/A
Network Analyzer	Agilent	E5071C	MY46418070	2023.03.27	2024.03.26
Multi Meter	Keithley	DMM6500	DMM6500	2023.03.27	2024.03.26
Signal Generator	Keithley	N5182B	MY59100717	2023.04.07	2024.04.06
Wireless Communication Test Set	R&S	CMW500	137737	2023.04.14	2024.04.13
Power Sensor	R&S	Z11	116184	2023.03.27	2024.03.26
Temperature hygrometer	N/A	ST-W2318	N/A	2023.04.24	2024.04.23
Thermograph	N/A	TP101	N/A	2023.04.25	2024.04.24



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

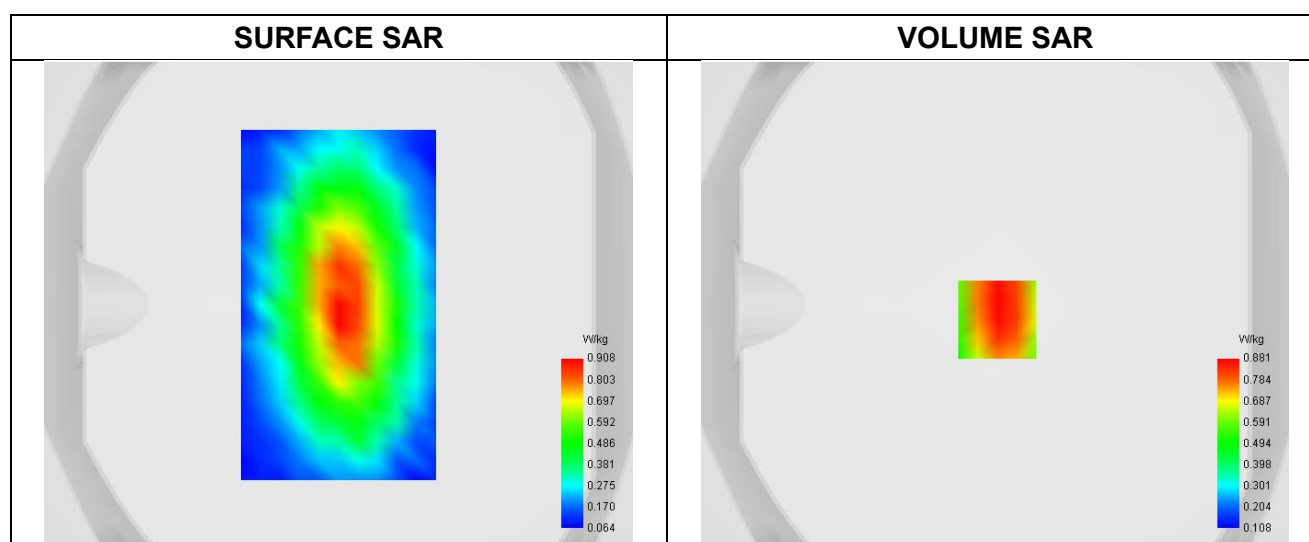
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-09-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	41.56
Conductivity (S/m)	0.88
Probe	SN 04/22 EPGO364
ConvF	1.69
Crest factor:	1:1

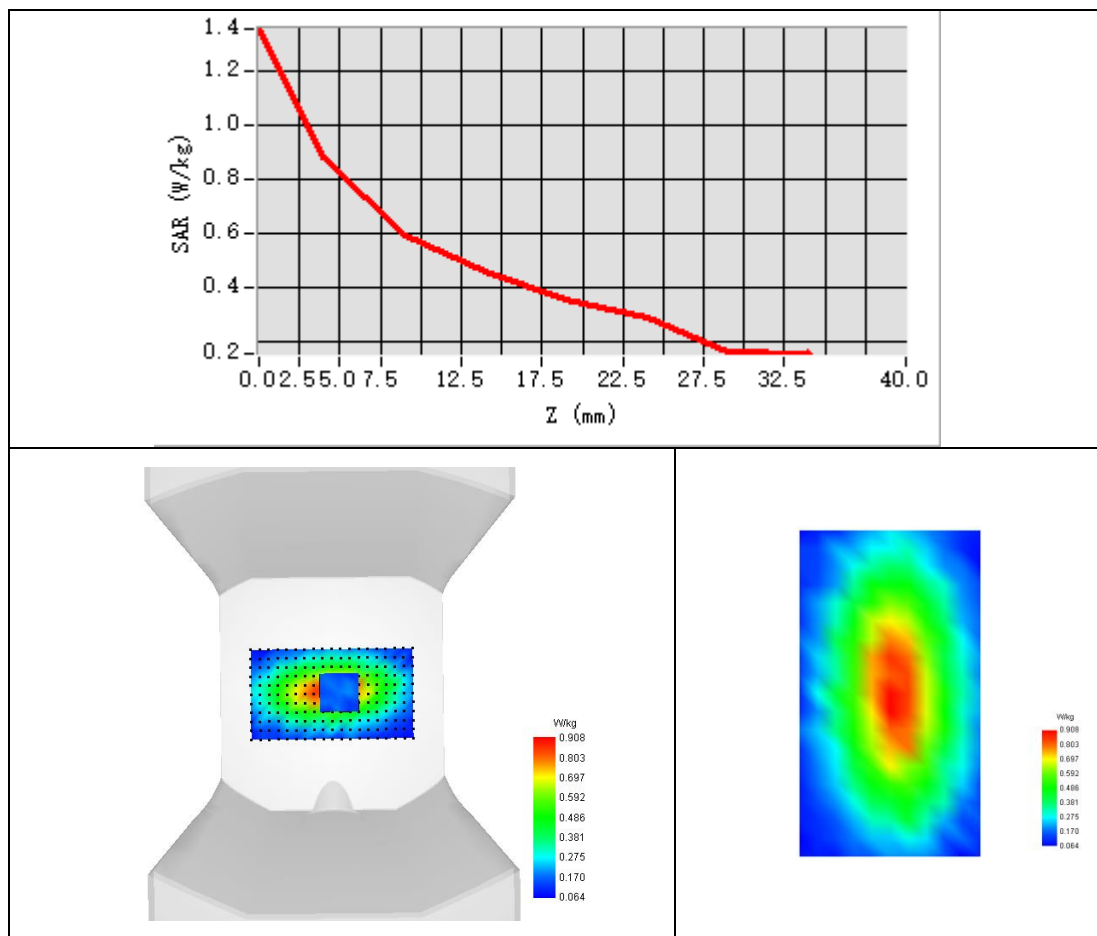


Maximum location: X=1.00, Y=-6.00 ; SAR Peak: 1.29 W/kg

SAR 10g (W/Kg)	0.535
SAR 1g (W/Kg)	0.825



Z Axis Scan





System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

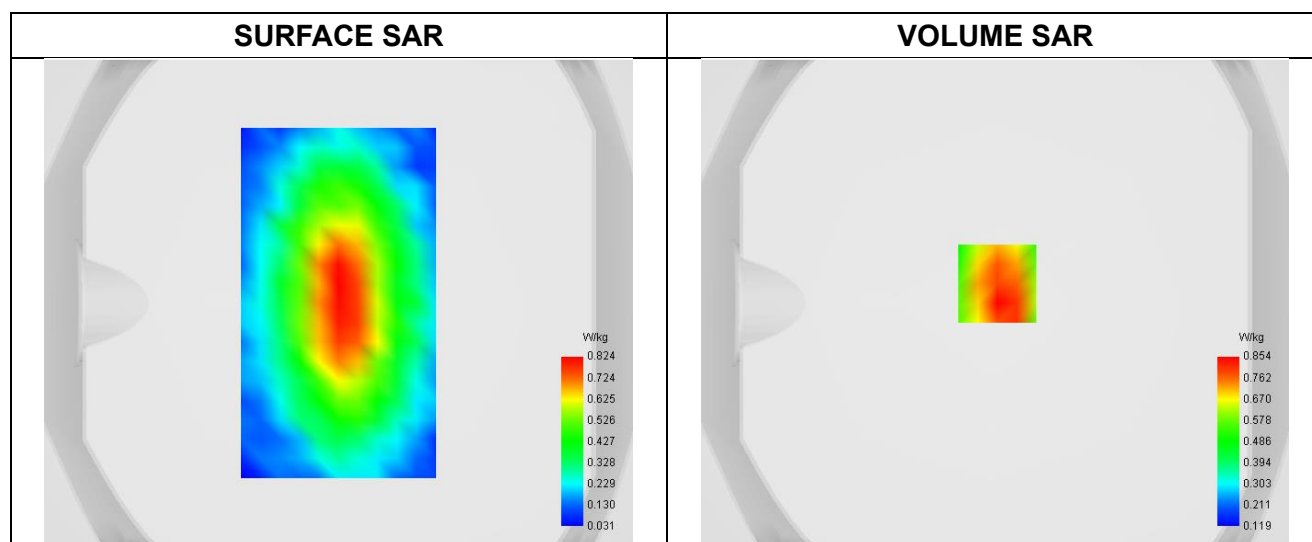
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-01

Experimental conditions.

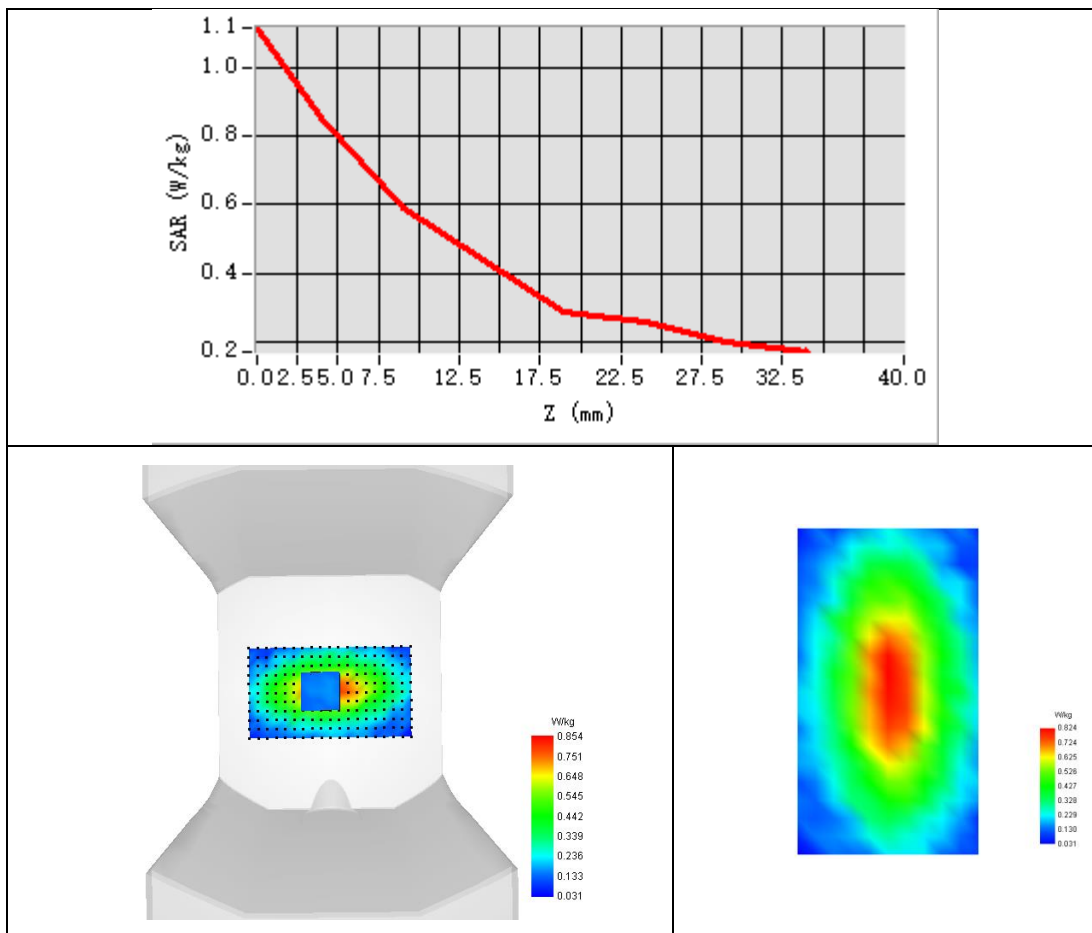
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.84
Conductivity (S/m)	0.90
Probe	SN 04/22 EPGO364
ConvF	1.69
Crest factor:	1:1



Maximum location: X=1.00, Y=8.00 ; SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.538
SAR 1g (W/Kg)	0.872

Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

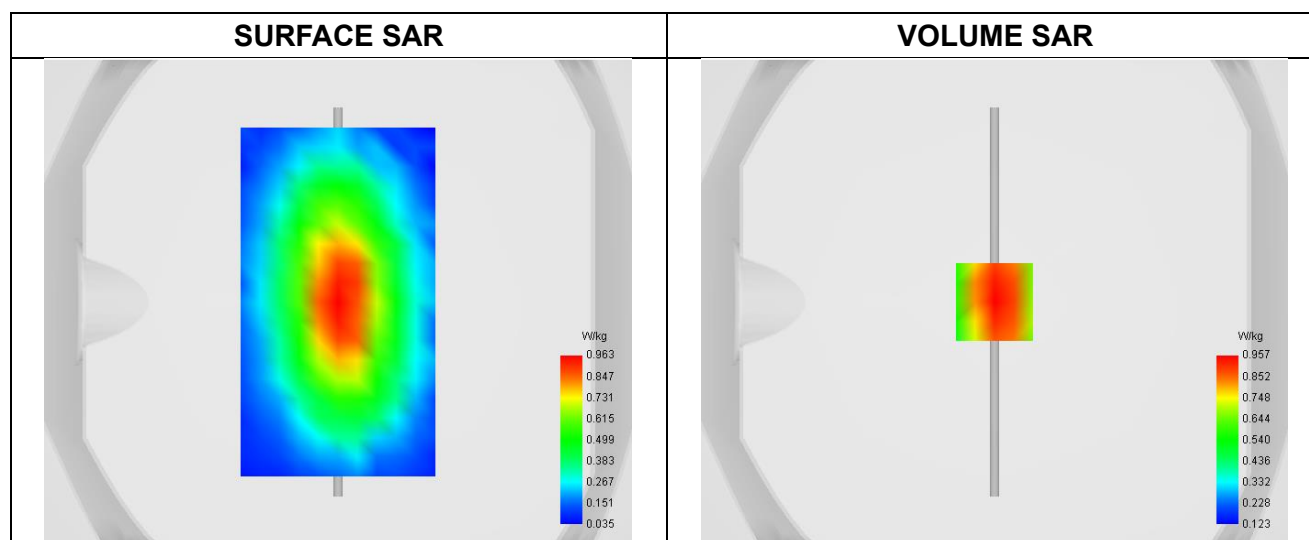
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-05

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	42.30
Conductivity (S/m)	0.91
Probe	SN 04/22 EPGO364
ConvF	1.72
Crest factor:	1:1

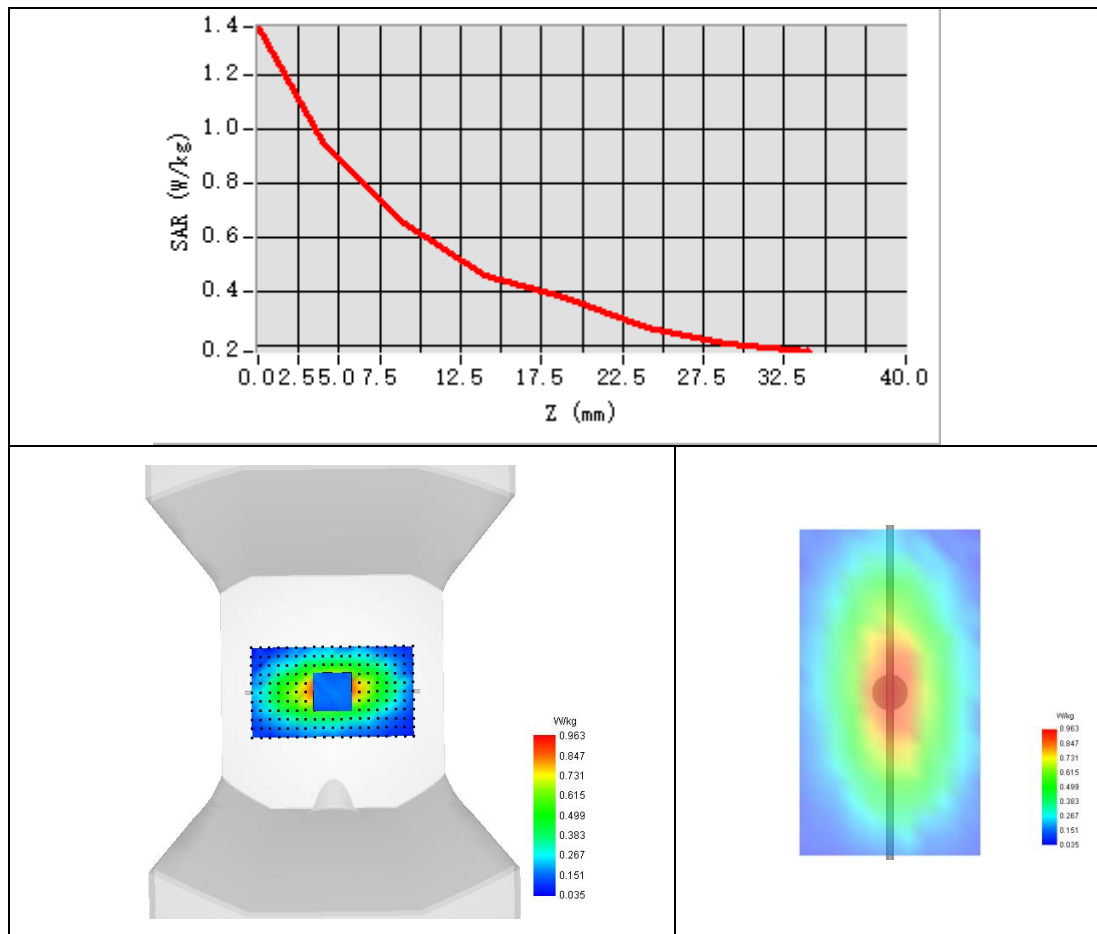


Maximum location: X=0.00, Y=0.00 ; SAR Peak: 1.45 W/kg

SAR 10g (W/Kg)	0.618
0.991SAR 1g (W/Kg)	0.943



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

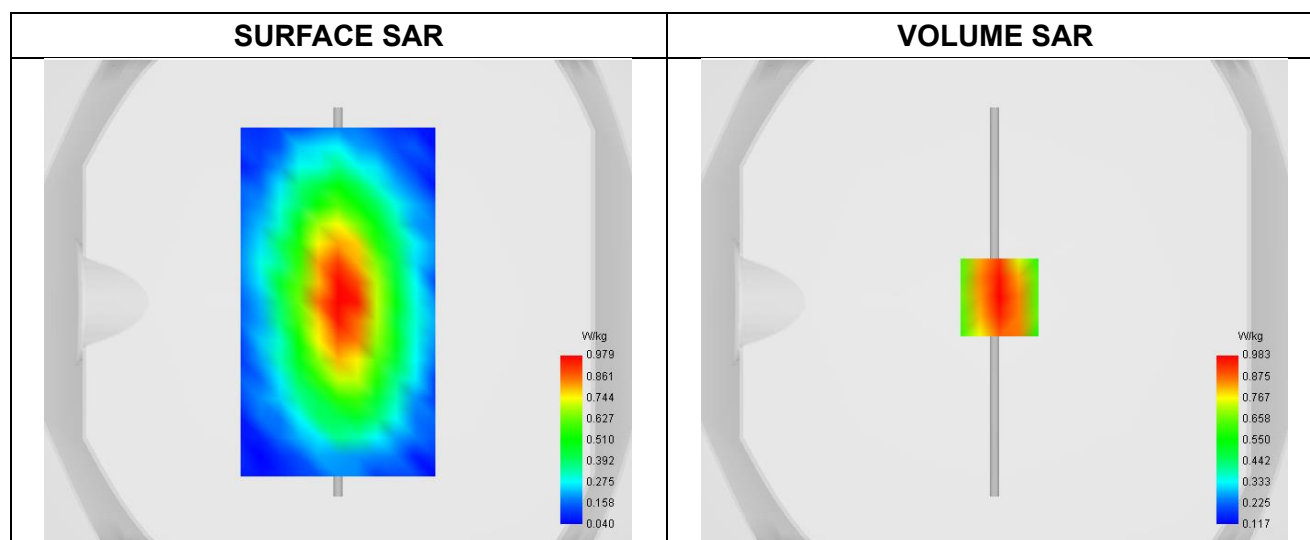
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	42.39
Conductivity (S/m)	0.86
Probe	SN 04/22 EPGO364
ConvF	1.72
Crest factor:	1:1

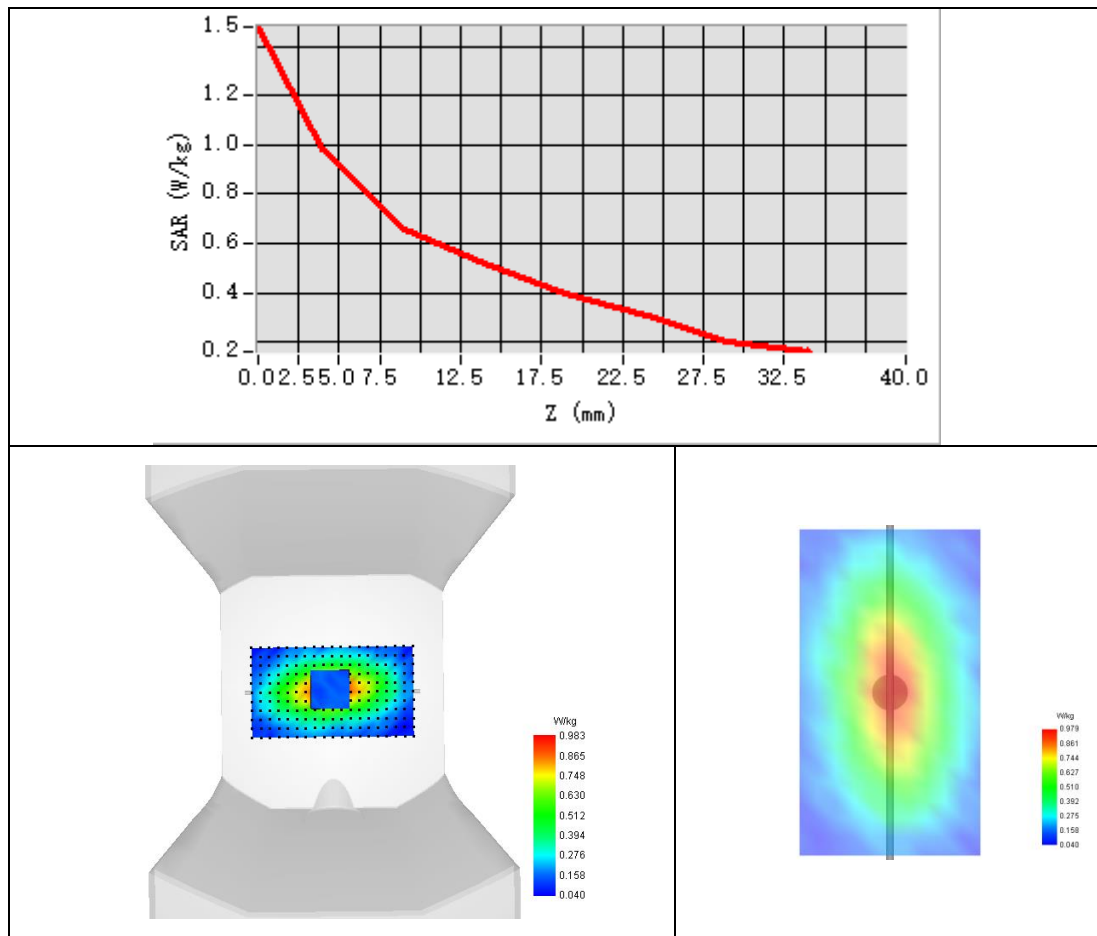


Maximum location: X=2.00, Y=2.00 ; SAR Peak: 1.47 W/kg

SAR 10g (W/Kg)	0.629
SAR 1g (W/Kg)	0.962



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

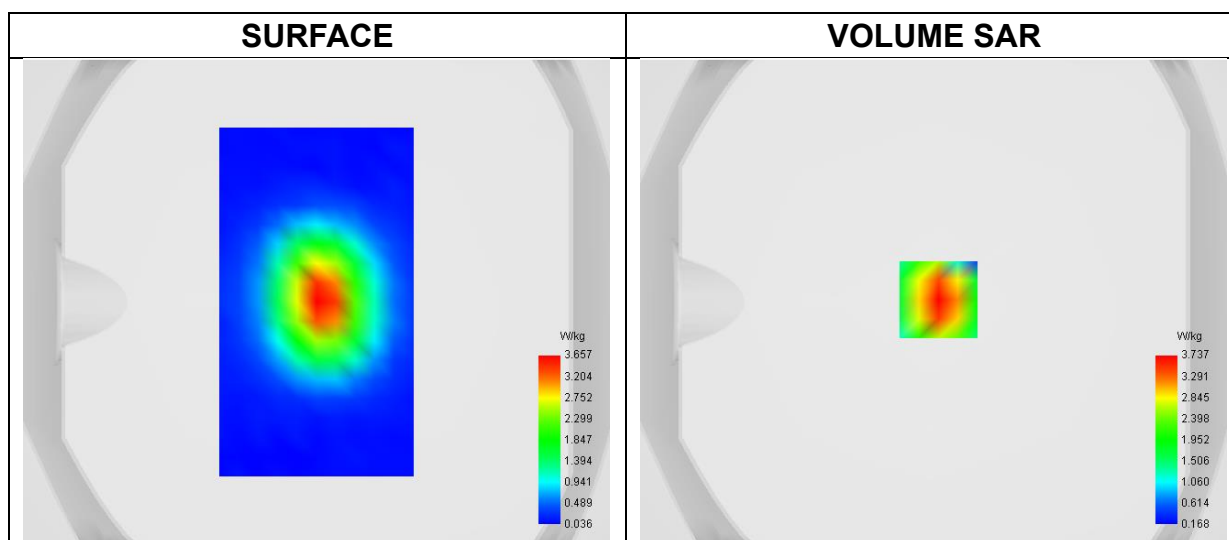
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-14

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	41.09
Conductivity (S/m)	1.46
Probe	SN 04/22 EPGO364
ConvF	1.95
Crest factor:	1:1

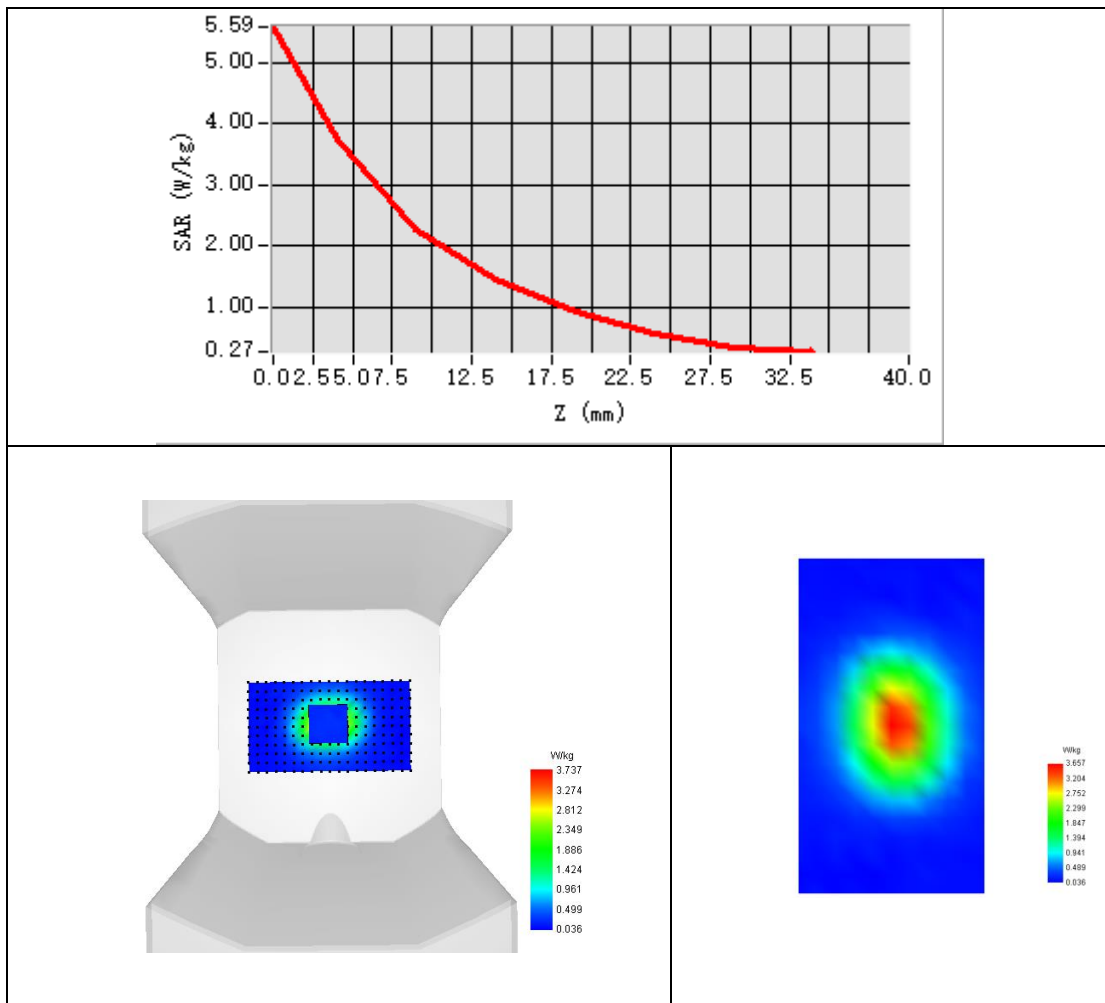


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 5.54 W/kg

SAR 10g (W/Kg)	2.032
SAR 1g (W/Kg)	3.681



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

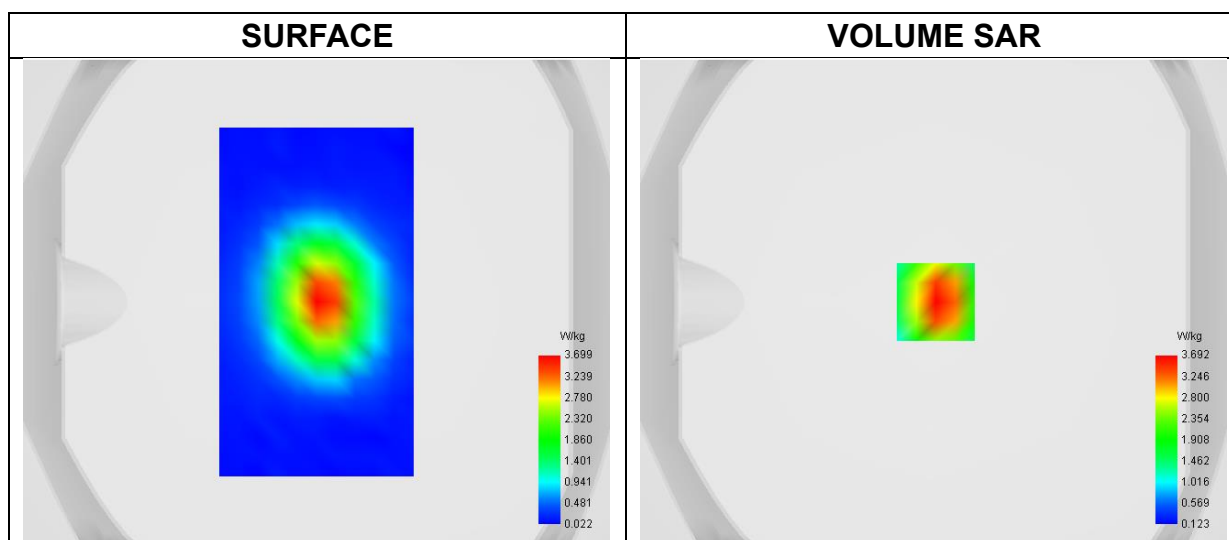
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-15

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.61
Conductivity (S/m)	1.42
Probe	SN 04/22 EPGO364
ConvF	1.95
Crest factor:	1:1

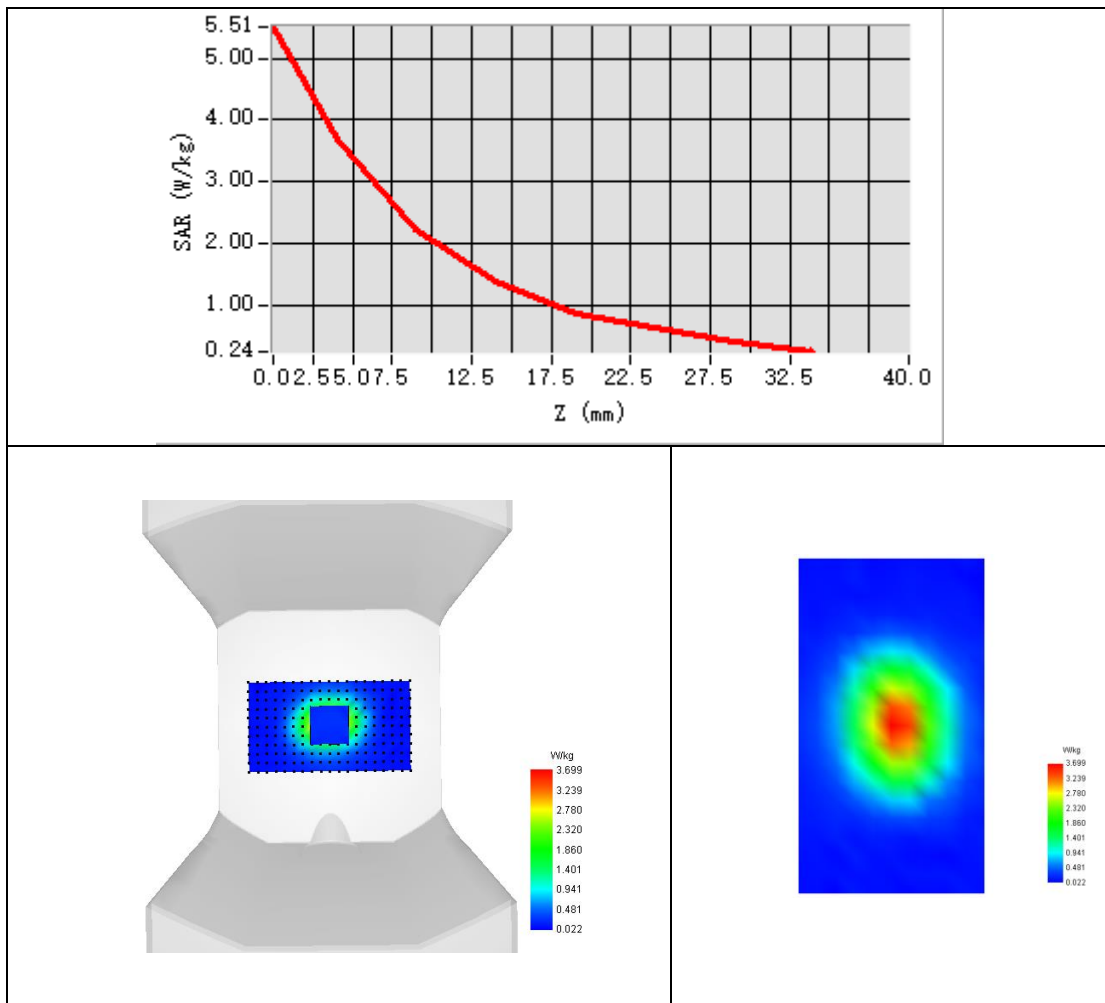


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 5.52 W/kg

SAR 10g (W/Kg)	2.007
SAR 1g (W/Kg)	3.615



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

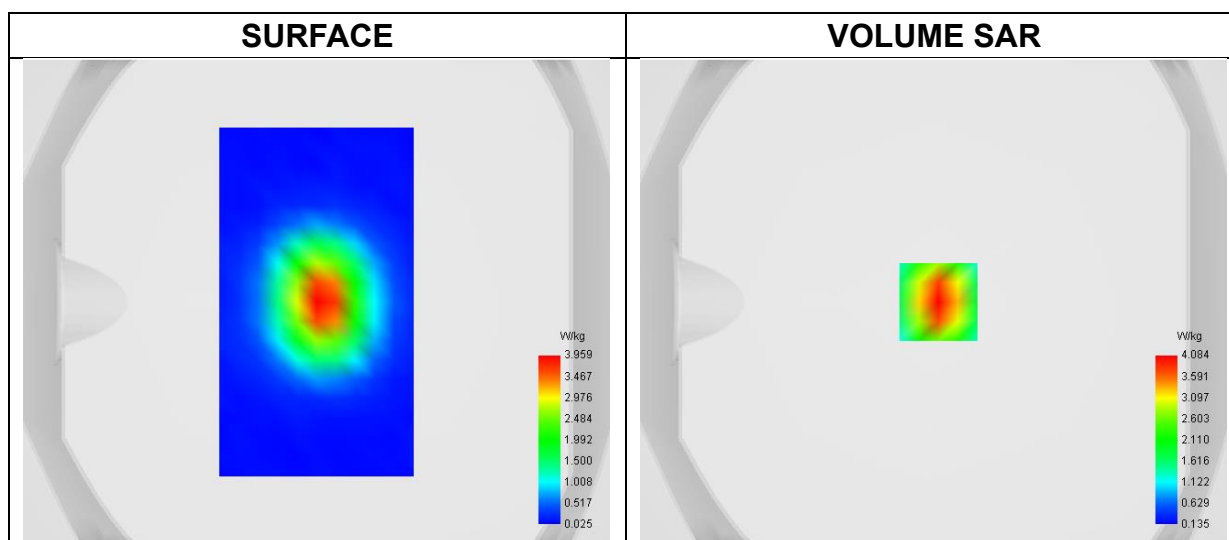
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-16

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.69
Conductivity (S/m)	1.44
Probe	SN 04/22 EPGO364
ConvF	2.25
Crest factor:	1:1

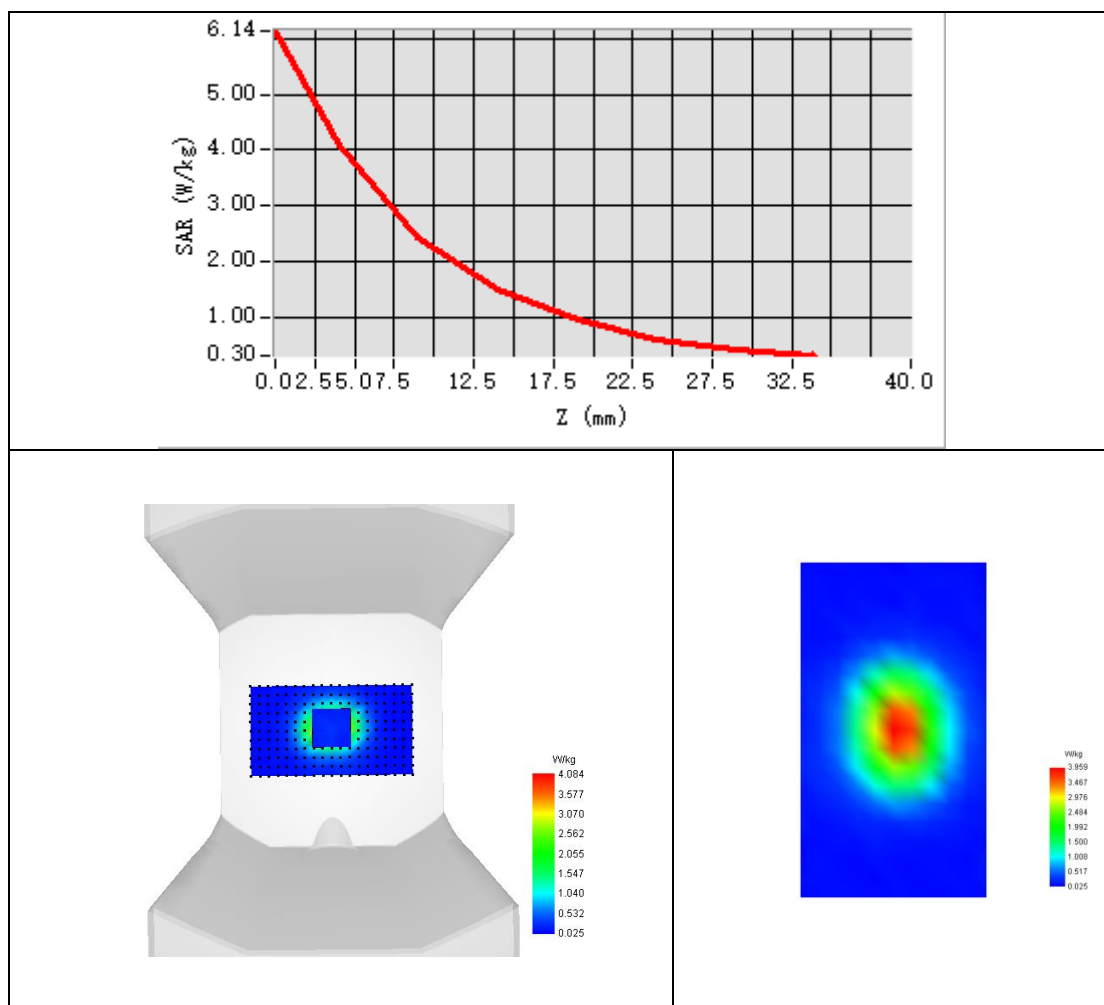


Maximum location: X=2.00, Y=0.00 ; SAR Peak: 6.11 W/kg

SAR 10g (W/Kg)	2.136
SAR 1g (W/Kg)	3.857



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

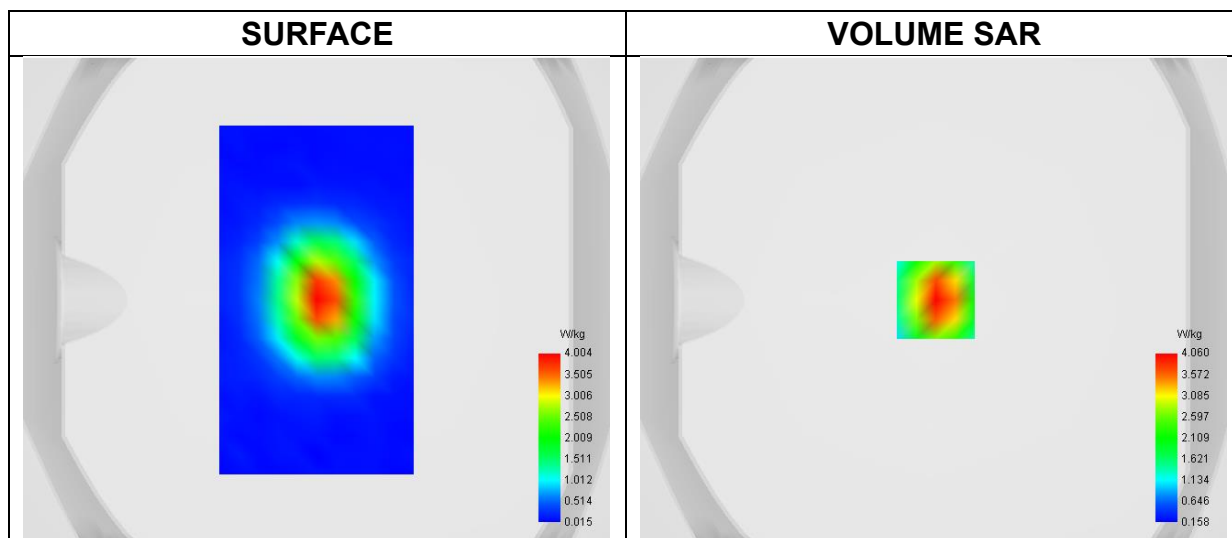
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-17

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	40.52
Conductivity (S/m)	1.39
Probe	SN 04/22 EPGO364
ConvF	2.25
Crest factor:	1:1

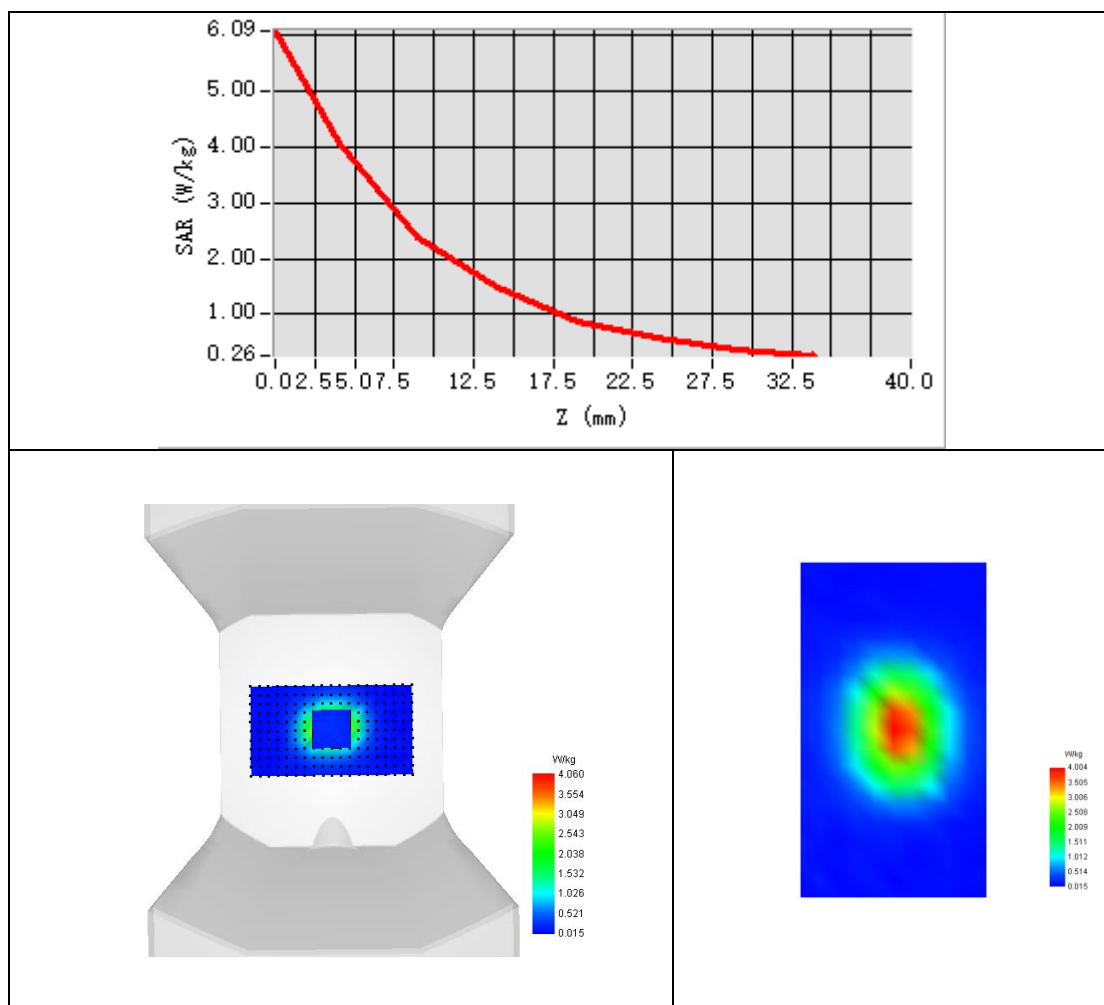


Maximum location: X=1.00, Y=0.00 ; SAR Peak: 6.10 W/kg

SAR 10g (W/Kg)	2.126
SAR 1g (W/Kg)	3.829



Z Axis Scan





System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)

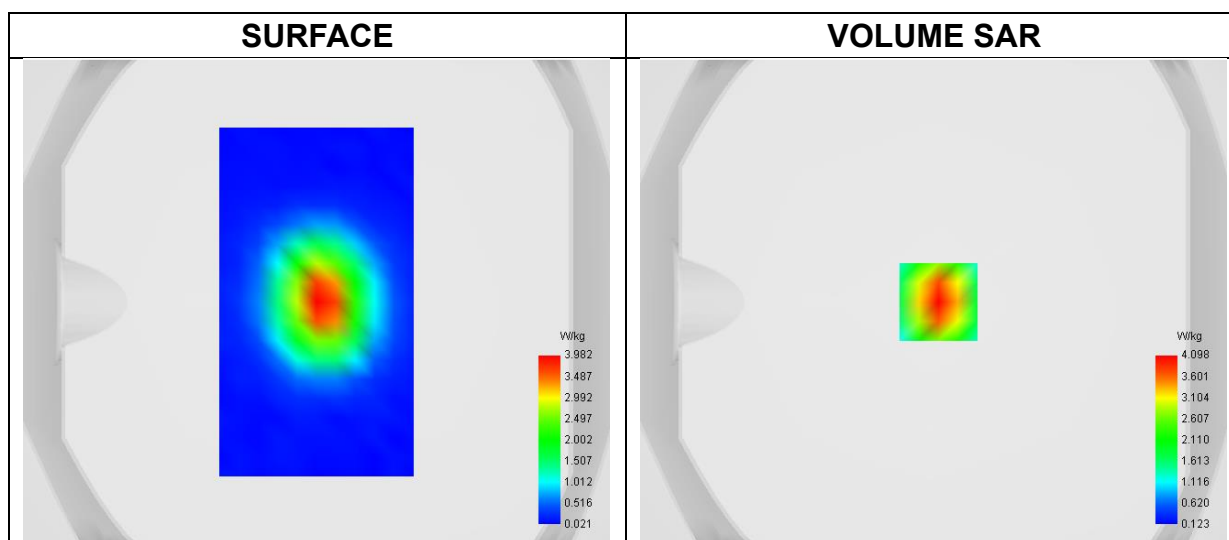
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-18

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW
Frequency (MHz)	1900.000
Relative permittivity	41.15
Conductivity (S/m)	1.44
Probe	SN 04/22 EPGO364
ConvF	2.25
Crest factor:	1:1

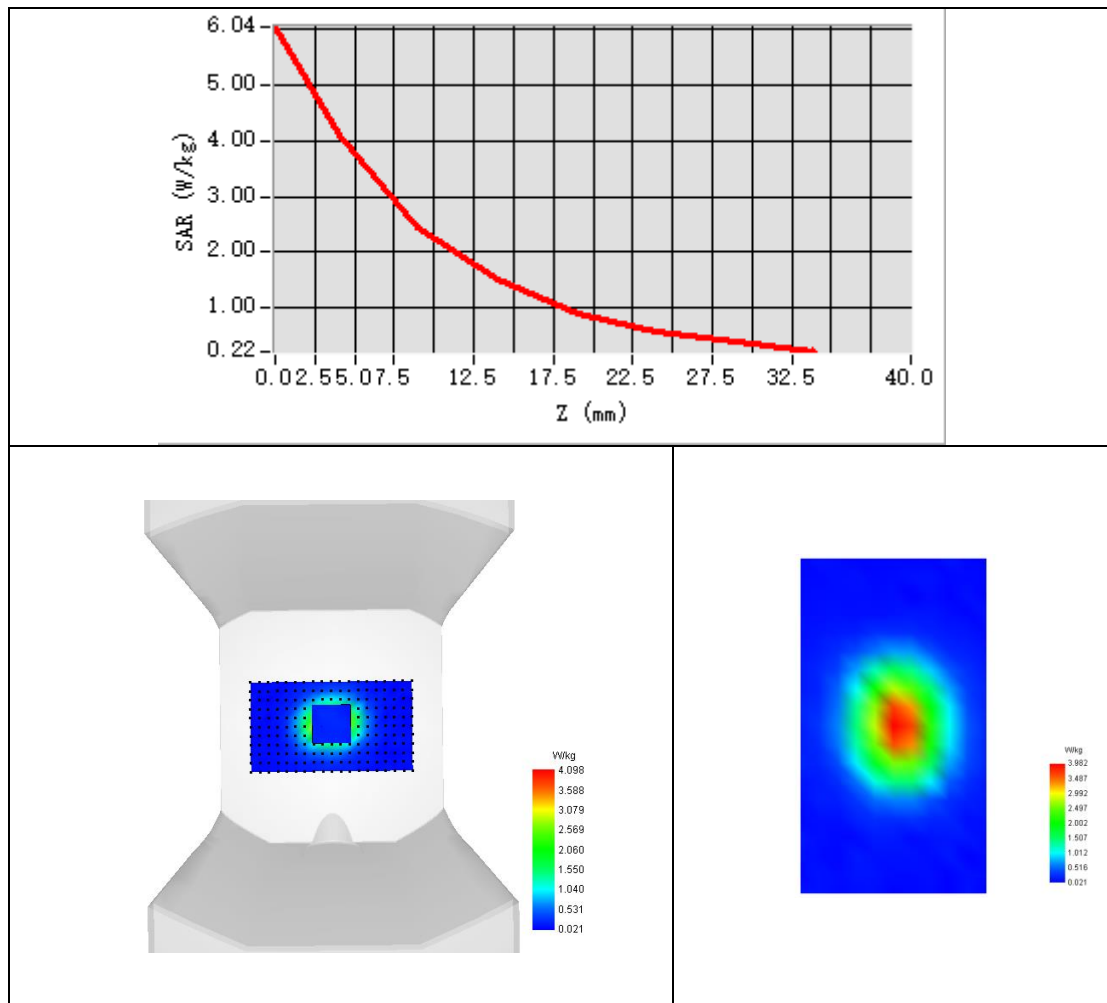


Maximum location: X=2.00, Y=0.00 ; SAR Peak: 6.06 W/kg

SAR 10g (W/Kg)	2.147
SAR 1g (W/Kg)	3.844



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

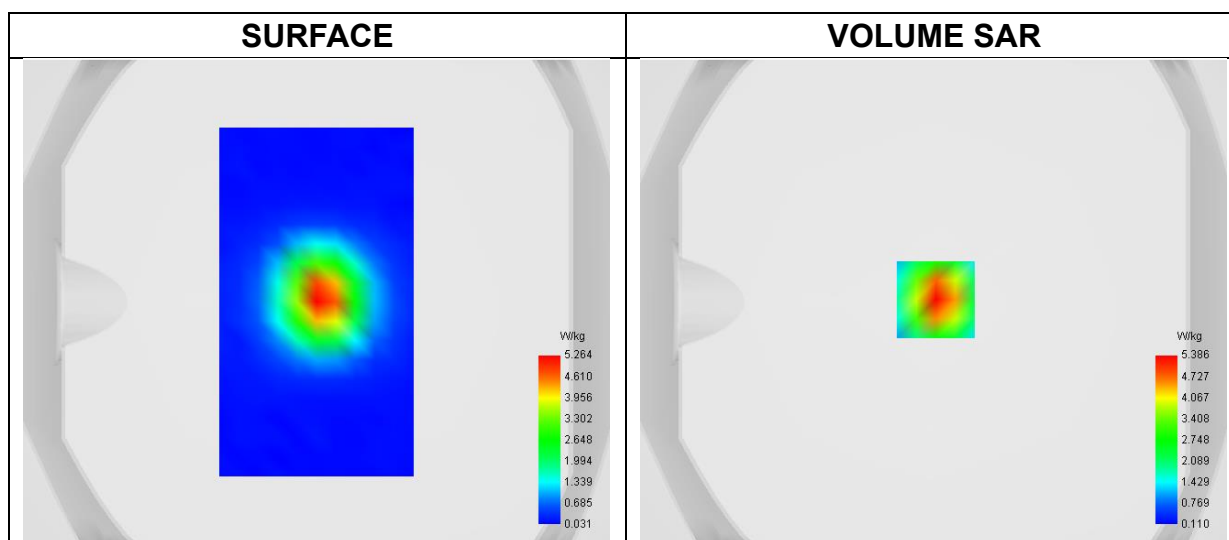
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-19

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	40.31
Conductivity (S/m)	1.86
Probe	SN 04/22 EPGO364
ConvF	2.33
Crest factor:	1:1

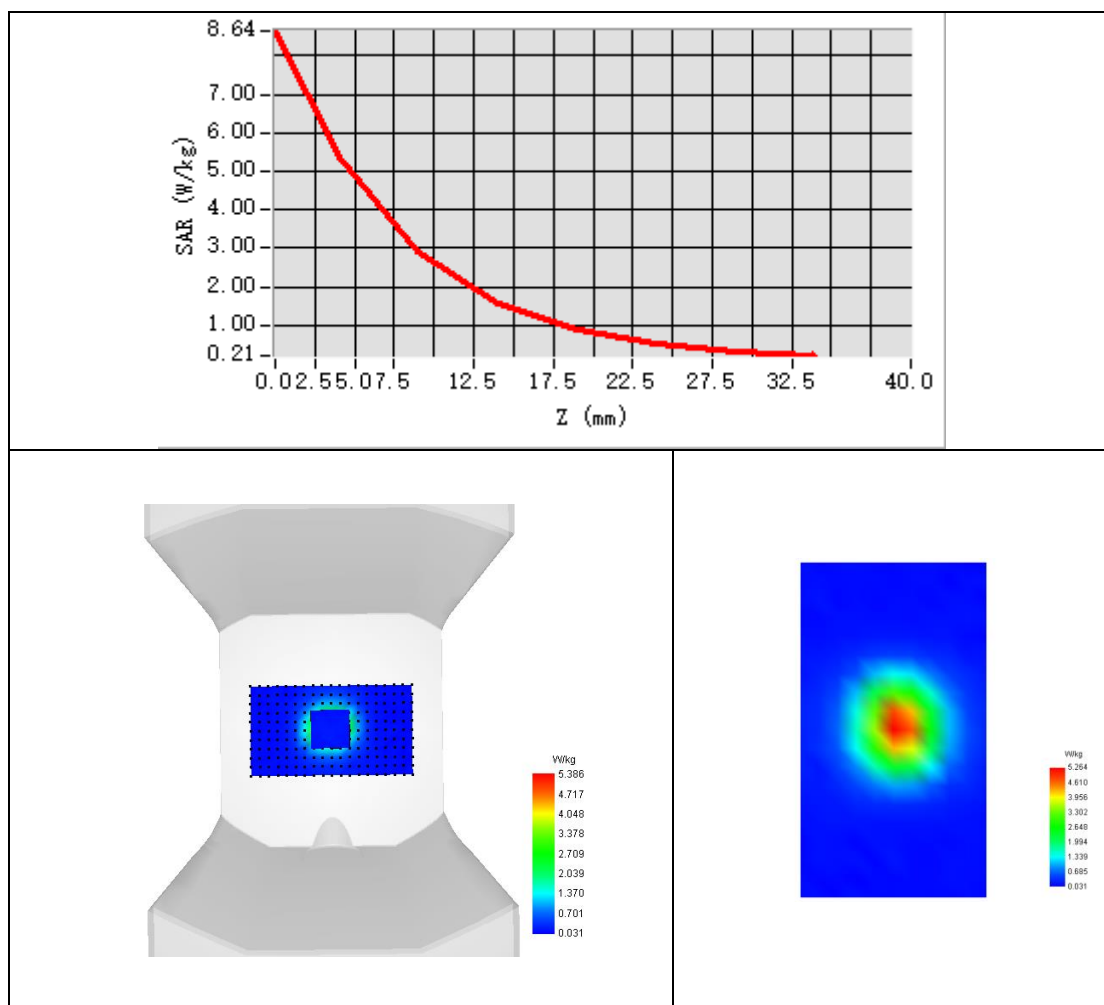


Maximum location: X=1.00, Y=1.00 ; SAR Peak: 8.64 W/kg

SAR 10g (W/Kg)	2.537
SAR 1g (W/Kg)	5.071



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

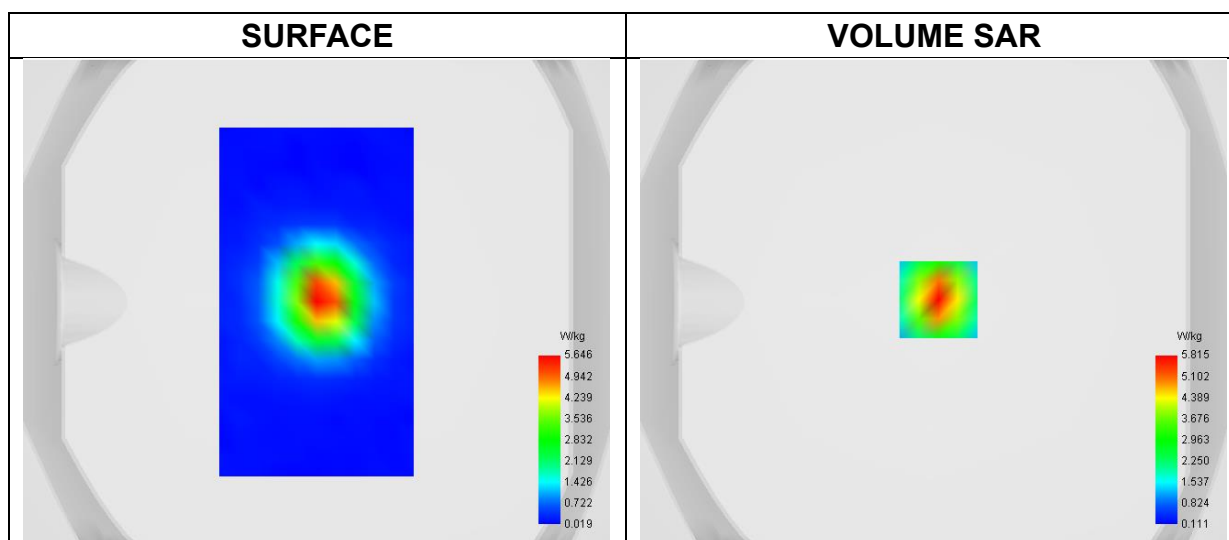
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-20

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	40.12
Conductivity (S/m)	1.78
Probe	SN 04/22 EPGO364
ConvF	2.33
Crest factor:	1:1

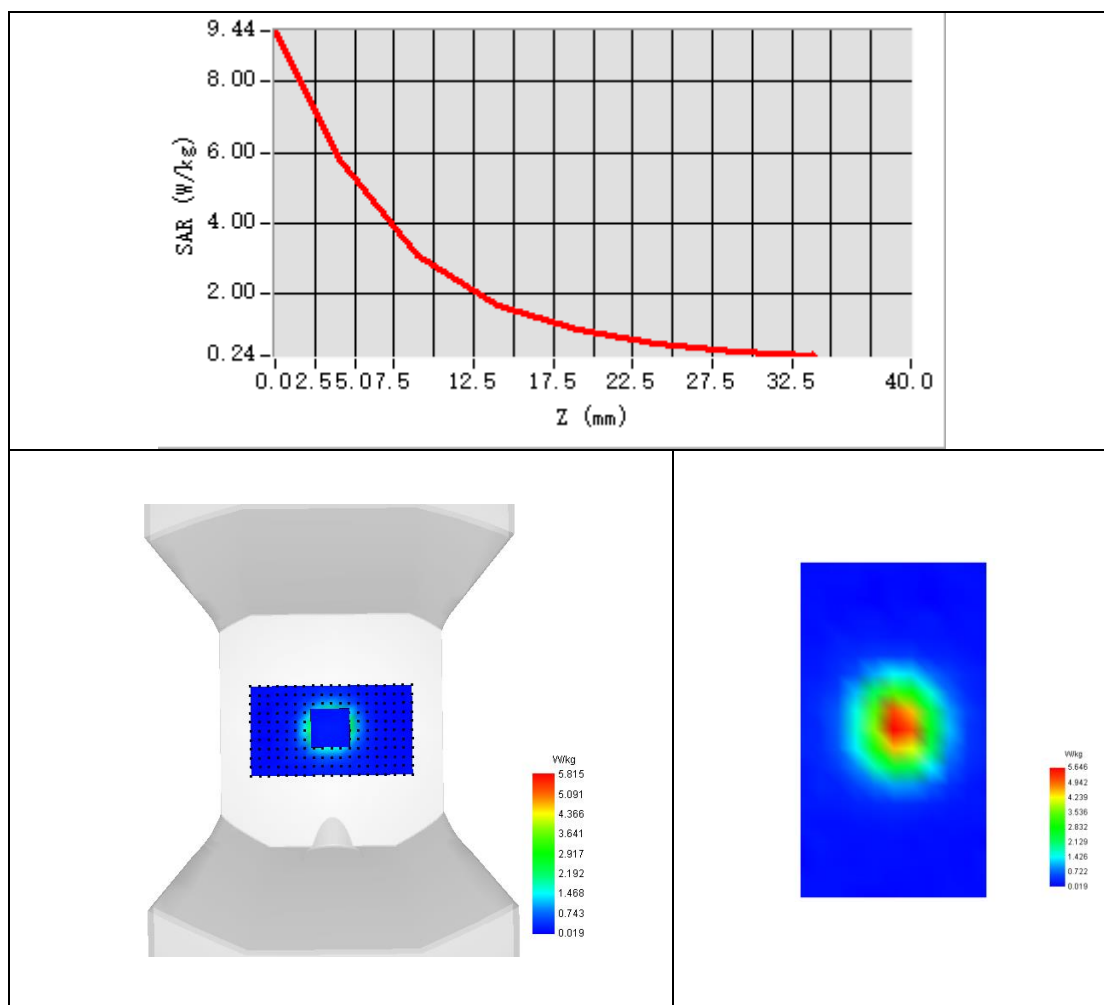


Maximum location: X=2.00, Y=1.00 ; SAR Peak: 9.34 W/kg

SAR 10g (W/Kg)	2.563
SAR 1g (W/Kg)	5.429



Z Axis Scan





System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

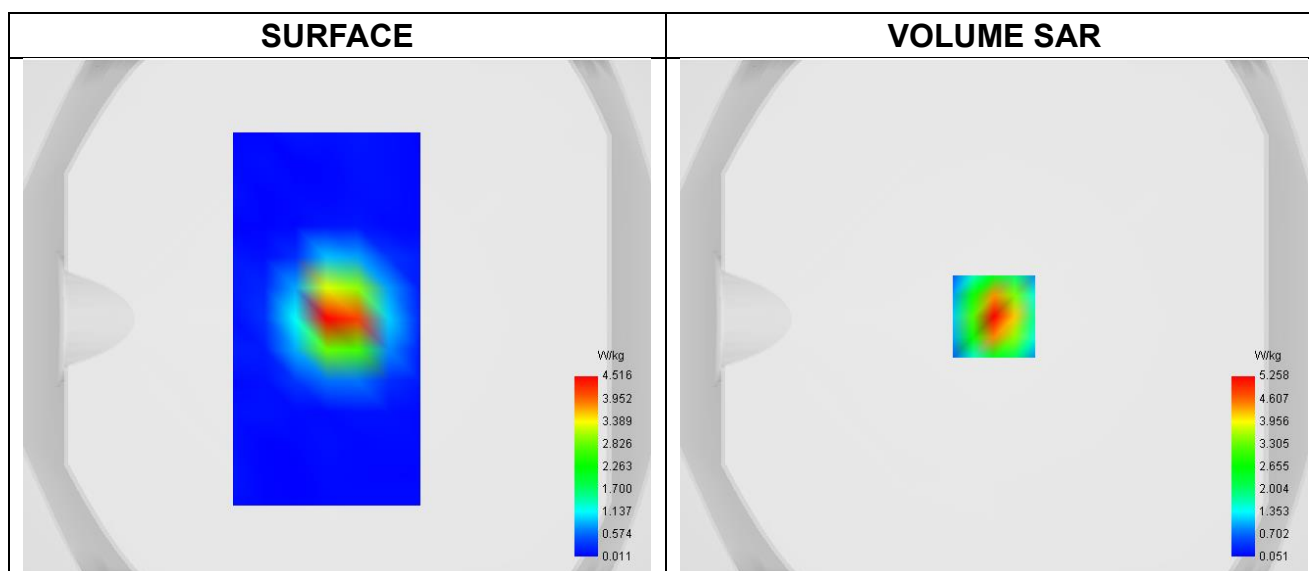
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-10-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW
Frequency (MHz)	2450.000
Relative permittivity	39.79
Conductivity (S/m)	1.81
Probe	SN 04/22 EPGO364
ConvF	2.33
Crest factor:	1:1



Maximum location: X=0.00, Y=1.00 ; SAR Peak: 8.63 W/kg

SAR 10g (W/Kg)	2.368
SAR 1g (W/Kg)	4.923