



n66	15	15	343500	1@77	DFT_QPSK	18.95
n66	15	15	343500	75@0	DFT_16QAM	17.12
n66	15	15	343500	36@18	DFT_16QAM	18.15
n66	15	15	343500	1@1	DFT_16QAM	18.3
n66	15	15	343500	1@77	DFT_16QAM	17.97
n66	15	15	343500	75@0	DFT_64QAM	16.66
n66	15	15	343500	36@18	DFT_64QAM	16.7
n66	15	15	343500	1@1	DFT_64QAM	16.85
n66	15	15	343500	1@77	DFT_64QAM	16.53
n66	15	15	343500	75@0	DFT_256QAM	14.61
n66	15	15	343500	36@18	DFT_256QAM	14.64
n66	15	15	343500	1@1	DFT_256QAM	14.68
n66	15	15	343500	1@77	DFT_256QAM	14.32
n66	15	15	343500	79@0	CP_QPSK	16.24
n66	15	15	343500	39@19	CP_QPSK	17.72
n66	15	15	343500	1@1	CP_QPSK	17.83
n66	15	15	343500	1@77	CP_QPSK	17.52
n66	15	15	349000	75@0	DFT_BPSK	18.12
n66	15	15	349000	36@18	DFT_BPSK	18.58
n66	15	15	349000	1@1	DFT_BPSK	18.47
n66	15	15	349000	1@77	DFT_BPSK	18.6
n66	15	15	349000	75@0	DFT_QPSK	17.57
n66	15	15	349000	36@18	DFT_QPSK	18.6
n66	15	15	349000	1@1	DFT_QPSK	18.49
n66	15	15	349000	1@77	DFT_QPSK	18.61
n66	15	15	349000	75@0	DFT_16QAM	16.56
n66	15	15	349000	36@18	DFT_16QAM	17.57
n66	15	15	349000	1@1	DFT_16QAM	17.56
n66	15	15	349000	1@77	DFT_16QAM	17.64
n66	15	15	349000	75@0	DFT_64QAM	16.09
n66	15	15	349000	36@18	DFT_64QAM	16.1
n66	15	15	349000	1@1	DFT_64QAM	16.09
n66	15	15	349000	1@77	DFT_64QAM	16.11
n66	15	15	349000	75@0	DFT_256QAM	14.03
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n66	15	15	349000	1@77	DFT_256QAM	13.95
n66	15	15	349000	79@0	CP_QPSK	15.67
n66	15	15	349000	39@19	CP_QPSK	17.13
n66	15	15	349000	1@1	CP_QPSK	17.08
n66	15	15	349000	1@77	CP_QPSK	17.07
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n66	15	15	354500	36@18	DFT_BPSK	18.08
n66	15	15	354500	1@1	DFT_BPSK	18.1
n66	15	15	354500	1@77	DFT_BPSK	18.25
n66	15	15	354500	75@0	DFT_QPSK	17.14
n66	15	15	354500	36@18	DFT_QPSK	18.06
n66	15	15	354500	1@1	DFT_QPSK	18.12
n66	15	15	354500	1@77	DFT_QPSK	18.18
n66	15	15	354500	75@0	DFT_16QAM	16.18
n66	15	15	354500	36@18	DFT_16QAM	17.1



n66	15	15	354500	1@1	DFT_16QAM	17.19
n66	15	15	354500	1@77	DFT_16QAM	17.2
n66	15	15	354500	75@0	DFT_64QAM	15.7
n66	15	15	354500	36@18	DFT_64QAM	15.68
n66	15	15	354500	1@1	DFT_64QAM	15.78
n66	15	15	354500	1@77	DFT_64QAM	15.75
n66	15	15	354500	75@0	DFT_256QAM	13.59
n66	15	15	354500	36@18	DFT_256QAM	13.63
n66	15	15	354500	1@1	DFT_256QAM	13.61
n66	15	15	354500	1@77	DFT_256QAM	13.26
n66	15	15	354500	79@0	CP_QPSK	15.24
n66	15	15	354500	39@19	CP_QPSK	16.69
n66	15	15	354500	1@1	CP_QPSK	16.75
n66	15	15	354500	1@77	CP_QPSK	16.75
n66	15	20	344000	100@0	DFT_BPSK	17.66
n66	15	20	344000	50@25	DFT_BPSK	19.16
n66	15	20	344000	1@1	DFT_BPSK	19.24
n66	15	20	344000	1@104	DFT_BPSK	18.78
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n66	15	20	344000	1@104	DFT_16QAM	17.82
n66	15	20	344000	100@0	DFT_64QAM	16.63
n66	15	20	344000	50@25	DFT_64QAM	16.62
n66	15	20	344000	1@1	DFT_64QAM	16.83
n66	15	20	344000	1@104	DFT_64QAM	16.41
n66	15	20	344000	100@0	DFT_256QAM	14.62
n66	15	20	344000	50@25	DFT_256QAM	14.59
n66	15	20	344000	1@1	DFT_256QAM	14.68
n66	15	20	344000	1@104	DFT_256QAM	14.25
n66	15	20	344000	106@0	CP_QPSK	16.11
n66	15	20	344000	53@26	CP_QPSK	17.68
n66	15	20	344000	1@1	CP_QPSK	17.81
n66	15	20	344000	1@104	CP_QPSK	17.35
n66	15	20	349000	100@0	DFT_BPSK	18.12
n66	15	20	349000	50@25	DFT_BPSK	18.61
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n66	15	20	349000	50@25	DFT_QPSK	18.65
n66	15	20	349000	1@1	DFT_QPSK	18.47
n66	15	20	349000	1@104	DFT_QPSK	18.59
n66	15	20	349000	100@0	DFT_16QAM	16.58
n66	15	20	349000	50@25	DFT_16QAM	17.57
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n66	15	20	349000	100@0	DFT_64QAM	16.07



n66	15	20	349000	50@25	DFT_64QAM	16.08
n66	15	20	349000	1@1	DFT_64QAM	16.16
n66	15	20	349000	1@104	DFT_64QAM	16.09
n66	15	20	349000	100@0	DFT_256QAM	14.04
n66	15	20	349000	50@25	DFT_256QAM	14.07
n66	15	20	349000	1@1	DFT_256QAM	13.93
n66	15	20	349000	1@104	DFT_256QAM	13.96
n66	15	20	349000	106@0	CP_QPSK	15.62
n66	15	20	349000	53@26	CP_QPSK	17.18
n66	15	20	349000	1@1	CP_QPSK	17.09
n66	15	20	349000	1@104	CP_QPSK	17.08
n66	15	20	354000	100@0	DFT_BPSK	17.71
n66	15	20	354000	50@25	DFT_BPSK	18.16
n66	15	20	354000	1@1	DFT_BPSK	18.19
n66	15	20	354000	1@104	DFT_BPSK	18.18
n66	15	20	354000	100@0	DFT_QPSK	17.16
n66	15	20	354000	50@25	DFT_QPSK	18.16
n66	15	20	354000	1@1	DFT_QPSK	18.19
n66	15	20	354000	1@104	DFT_QPSK	18.19
n66	15	20	354000	100@0	DFT_16QAM	16.26
n66	15	20	354000	50@25	DFT_16QAM	17.12
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n66	15	20	354000	50@25	DFT_64QAM	15.7
n66	15	20	354000	1@1	DFT_64QAM	15.77
n66	15	20	354000	1@104	DFT_64QAM	15.79
n66	15	20	354000	100@0	DFT_256QAM	13.76
n66	15	20	354000	50@25	DFT_256QAM	13.67
n66	15	20	354000	1@1	DFT_256QAM	13.64
n66	15	20	354000	1@104	DFT_256QAM	13.63
n66	15	20	354000	106@0	CP_QPSK	15.3
n66	15	20	354000	53@26	CP_QPSK	16.75
n66	15	20	354000	1@1	CP_QPSK	16.78
n66	15	20	354000	1@104	CP_QPSK	16.81
n66	15	25	344500	128@0	DFT_BPSK	18.52
n66	15	25	344500	64@32	DFT_BPSK	19.06
n66	15	25	344500	1@1	DFT_BPSK	19.16
n66	15	25	344500	1@131	DFT_BPSK	18.73
n66	15	25	344500	128@0	DFT_QPSK	18.03
n66	15	25	344500	64@32	DFT_QPSK	19.02
n66	15	25	344500	1@1	DFT_QPSK	19.17
n66	15	25	344500	1@131	DFT_QPSK	18.71
n66	15	25	344500	128@0	DFT_16QAM	17.07
n66	15	25	344500	64@32	DFT_16QAM	17.98
n66	15	25	344500	1@1	DFT_16QAM	18.16
n66	15	25	344500	1@131	DFT_16QAM	17.77
n66	15	25	344500	128@0	DFT_64QAM	16.56
n66	15	25	344500	64@32	DFT_64QAM	16.59
n66	15	25	344500	1@1	DFT_64QAM	16.8
n66	15	25	344500	1@131	DFT_64QAM	16.28



n66	15	25	344500	128@0	DFT_256QAM	14.53
n66	15	25	344500	64@32	DFT_256QAM	14.53
n66	15	25	344500	1@1	DFT_256QAM	14.59
n66	15	25	344500	1@131	DFT_256QAM	14.16
n66	15	25	344500	133@0	CP_QPSK	16.02
n66	15	25	344500	67@33	CP_QPSK	17.63
n66	15	25	344500	1@1	CP_QPSK	17.7
n66	15	25	344500	1@131	CP_QPSK	17.32
n66	15	25	349000	128@0	DFT_BPSK	18.13
n66	15	25	349000	64@32	DFT_BPSK	18.63
n66	15	25	349000	1@1	DFT_BPSK	18.48
n66	15	25	349000	1@131	DFT_BPSK	18.5
n66	15	25	349000	128@0	DFT_QPSK	17.61
n66	15	25	349000	64@32	DFT_QPSK	18.59
n66	15	25	349000	1@1	DFT_QPSK	18.53
n66	15	25	349000	1@131	DFT_QPSK	18.57
n66	15	25	349000	128@0	DFT_16QAM	16.67
n66	15	25	349000	64@32	DFT_16QAM	17.52
n66	15	25	349000	1@1	DFT_16QAM	17.51
n66	15	25	349000	1@131	DFT_16QAM	17.52
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n66	15	25	349000	64@32	DFT_64QAM	16.16
n66	15	25	349000	1@1	DFT_64QAM	16.1
n66	15	25	349000	1@131	DFT_64QAM	16.04
n66	15	25	349000	128@0	DFT_256QAM	14.14
n66	15	25	349000	64@32	DFT_256QAM	14.08
n66	15	25	349000	1@1	DFT_256QAM	13.91
n66	15	25	349000	1@131	DFT_256QAM	13.86
n66	15	25	349000	133@0	CP_QPSK	15.64
n66	15	25	349000	67@33	CP_QPSK	17.16
n66	15	25	349000	1@1	CP_QPSK	17.1
n66	15	25	349000	1@131	CP_QPSK	17.02
n66	15	25	353500	128@0	DFT_BPSK	17.85
n66	15	25	353500	64@32	DFT_BPSK	18.22
n66	15	25	353500	1@1	DFT_BPSK	18.39
n66	15	25	353500	1@131	DFT_BPSK	18.18
n66	15	25	353500	128@0	DFT_QPSK	17.33
n66	15	25	353500	64@32	DFT_QPSK	18.21
n66	15	25	353500	1@1	DFT_QPSK	18.4
n66	15	25	353500	1@131	DFT_QPSK	18.17
n66	15	25	353500	128@0	DFT_16QAM	16.37
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n66	15	25	353500	1@1	DFT_16QAM	17.39
n66	15	25	353500	1@131	DFT_16QAM	17.19
n66	15	25	353500	128@0	DFT_64QAM	15.9
n66	15	25	353500	64@32	DFT_64QAM	15.77
n66	15	25	353500	1@1	DFT_64QAM	15.9
n66	15	25	353500	1@131	DFT_64QAM	15.75
n66	15	25	353500	128@0	DFT_256QAM	13.86
n66	15	25	353500	64@32	DFT_256QAM	13.74
n66	15	25	353500	1@1	DFT_256QAM	13.74



n66	15	25	353500	1@131	DFT_256QAM	13.62
n66	15	25	353500	133@0	CP_QPSK	15.38
n66	15	25	353500	67@33	CP_QPSK	16.82
n66	15	25	353500	1@1	CP_QPSK	16.91
n66	15	25	353500	1@131	CP_QPSK	16.74
n66	15	30	345000	160@0	DFT_BPSK	18.46
n66	15	30	345000	80@40	DFT_BPSK	19.02
n66	15	30	345000	1@1	DFT_BPSK	19.18
n66	15	30	345000	1@158	DFT_BPSK	18.73
n66	15	30	345000	160@0	DFT_QPSK	17.96
n66	15	30	345000	80@40	DFT_QPSK	19
n66	15	30	345000	1@1	DFT_QPSK	19.16
n66	15	30	345000	1@158	DFT_QPSK	18.72
n66	15	30	345000	160@0	DFT_16QAM	17.03
n66	15	30	345000	80@40	DFT_16QAM	18
n66	15	30	345000	1@1	DFT_16QAM	18.21
n66	15	30	345000	1@158	DFT_16QAM	17.73
n66	15	30	345000	160@0	DFT_64QAM	16.56
n66	15	30	345000	80@40	DFT_64QAM	16.56
n66	15	30	345000	1@1	DFT_64QAM	16.74
n66	15	30	345000	1@158	DFT_64QAM	16.24
n66	15	30	345000	160@0	DFT_256QAM	14.55
n66	15	30	345000	80@40	DFT_256QAM	14.52
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n66	15	30	345000	1@158	DFT_256QAM	14.14
n66	15	30	345000	160@0	CP_QPSK	16.08
n66	15	30	345000	80@40	CP_QPSK	17.57
n66	15	30	345000	1@1	CP_QPSK	17.73
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n66	15	30	349000	160@0	DFT_BPSK	18.19
n66	15	30	349000	80@40	DFT_BPSK	18.68
n66	15	30	349000	1@1	DFT_BPSK	18.59
n66	15	30	349000	1@158	DFT_BPSK	18.52
n66	15	30	349000	160@0	DFT_QPSK	17.65
n66	15	30	349000	80@40	DFT_QPSK	18.68
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n66	15	30	349000	1@158	DFT_QPSK	18.52
n66	15	30	349000	160@0	DFT_16QAM	16.62
n66	15	30	349000	80@40	DFT_16QAM	17.64
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n66	15	30	349000	1@158	DFT_16QAM	17.54
n66	15	30	349000	160@0	DFT_64QAM	16.18
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n66	15	30	349000	160@0	DFT_256QAM	14.16
n66	15	30	349000	80@40	DFT_256QAM	14.12
n66	15	30	349000	1@1	DFT_256QAM	14.02
n66	15	30	349000	1@158	DFT_256QAM	13.89
n66	15	30	349000	160@0	CP_QPSK	15.69
n66	15	30	349000	80@40	CP_QPSK	17.19



n66	15	30	349000	1@1	CP_QPSK	17.16
n66	15	30	349000	1@158	CP_QPSK	17.02
n66	15	30	353000	160@0	DFT_BPSK	17.86
n66	15	30	353000	80@40	DFT_BPSK	18.29
n66	15	30	353000	1@1	DFT_BPSK	18.49
n66	15	30	353000	1@158	DFT_BPSK	18.23
n66	15	30	353000	160@0	DFT_QPSK	17.33
n66	15	30	353000	80@40	DFT_QPSK	18.29
n66	15	30	353000	1@1	DFT_QPSK	18.5
n66	15	30	353000	1@158	DFT_QPSK	18.23
n66	15	30	353000	160@0	DFT_16QAM	16.37
n66	15	30	353000	80@40	DFT_16QAM	17.3
n66	15	30	353000	1@1	DFT_16QAM	17.51
n66	15	30	353000	1@158	DFT_16QAM	17.25
n66	15	30	353000	160@0	DFT_64QAM	15.88
n66	15	30	353000	80@40	DFT_64QAM	15.87
n66	15	30	353000	1@1	DFT_64QAM	15.99
n66	15	30	353000	1@158	DFT_64QAM	15.82
n66	15	30	353000	160@0	DFT_256QAM	13.87
n66	15	30	353000	80@40	DFT_256QAM	13.81
n66	15	30	353000	1@1	DFT_256QAM	13.85
n66	15	30	353000	1@158	DFT_256QAM	13.66
n66	15	30	353000	160@0	CP_QPSK	15.42
n66	15	30	353000	80@40	CP_QPSK	16.85
n66	15	30	353000	1@1	CP_QPSK	16.97
n66	15	30	353000	1@158	CP_QPSK	16.84
n66	15	40	346000	216@0	DFT_BPSK	18.46
n66	15	40	346000	108@54	DFT_BPSK	18.86
n66	15	40	346000	1@1	DFT_BPSK	19.13
n66	15	40	346000	1@214	DFT_BPSK	18.77
n66	15	40	346000	216@0	DFT_QPSK	17.96
n66	15	40	346000	108@54	DFT_QPSK	18.86
n66	15	40	346000	1@1	DFT_QPSK	19.13
n66	15	40	346000	1@214	DFT_QPSK	18.81
n66	15	40	346000	216@0	DFT_16QAM	16.97
n66	15	40	346000	108@54	DFT_16QAM	17.88
n66	15	40	346000	1@1	DFT_16QAM	18.12
n66	15	40	346000	1@214	DFT_16QAM	17.76
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n66	15	40	346000	1@214	DFT_64QAM	16.26
n66	15	40	346000	216@0	DFT_256QAM	14.49
n66	15	40	346000	108@54	DFT_256QAM	14.43
n66	15	40	346000	1@1	DFT_256QAM	14.52
n66	15	40	346000	1@214	DFT_256QAM	14.08
n66	15	40	346000	216@0	CP_QPSK	15.98
n66	15	40	346000	108@54	CP_QPSK	17.49
n66	15	40	346000	1@1	CP_QPSK	17.66
n66	15	40	346000	1@214	CP_QPSK	17.25
n66	15	40	349000	216@0	DFT_BPSK	18.16



n66	15	40	349000	108@54	DFT_BPSK	18.69
n66	15	40	349000	1@1	DFT_BPSK	18.7
n66	15	40	349000	1@214	DFT_BPSK	18.27
n66	15	40	349000	216@0	DFT_QPSK	17.63
n66	15	40	349000	108@54	DFT_QPSK	18.67
n66	15	40	349000	1@1	DFT_QPSK	18.71
n66	15	40	349000	1@214	DFT_QPSK	18.34
n66	15	40	349000	216@0	DFT_16QAM	16.64
n66	15	40	349000	108@54	DFT_16QAM	17.61
n66	15	40	349000	1@1	DFT_16QAM	17.7
n66	15	40	349000	1@214	DFT_16QAM	17.31
n66	15	40	349000	216@0	DFT_64QAM	16.13
n66	15	40	349000	108@54	DFT_64QAM	16.16
n66	15	40	349000	1@1	DFT_64QAM	16.24
n66	15	40	349000	1@214	DFT_64QAM	15.91
n66	15	40	349000	216@0	DFT_256QAM	14.13
n66	15	40	349000	108@54	DFT_256QAM	14.14
n66	15	40	349000	1@1	DFT_256QAM	14.08
n66	15	40	349000	1@214	DFT_256QAM	13.71
n66	15	40	349000	216@0	CP_QPSK	15.65
n66	15	40	349000	108@54	CP_QPSK	17.19
n66	15	40	349000	1@1	CP_QPSK	17.21
n66	15	40	349000	1@214	CP_QPSK	16.88
n66	15	40	352000	216@0	DFT_BPSK	17.88
n66	15	40	352000	108@54	DFT_BPSK	18.43
n66	15	40	352000	1@1	DFT_BPSK	18.42
n66	15	40	352000	1@214	DFT_BPSK	18.24
n66	15	40	352000	216@0	DFT_QPSK	17.44
n66	15	40	352000	108@54	DFT_QPSK	18.39
n66	15	40	352000	1@1	DFT_QPSK	18.45
n66	15	40	352000	1@214	DFT_QPSK	18.27
n66	15	40	352000	216@0	DFT_16QAM	16.39
n66	15	40	352000	108@54	DFT_16QAM	17.43
n66	15	40	352000	1@1	DFT_16QAM	17.41
n66	15	40	352000	1@214	DFT_16QAM	17.29
n66	15	40	352000	216@0	DFT_64QAM	15.9
n66	15	40	352000	108@54	DFT_64QAM	15.97
n66	15	40	352000	1@1	DFT_64QAM	16
n66	15	40	352000	1@214	DFT_64QAM	15.81
n66	15	40	352000	216@0	DFT_256QAM	13.89
n66	15	40	352000	108@54	DFT_256QAM	13.93
n66	15	40	352000	1@1	DFT_256QAM	13.79
n66	15	40	352000	1@214	DFT_256QAM	13.63
n66	15	40	352000	216@0	CP_QPSK	15.4
n66	15	40	352000	108@54	CP_QPSK	16.97
n66	15	40	352000	1@1	CP_QPSK	16.99
n66	15	40	352000	1@214	CP_QPSK	16.82



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n71	15	5	133100	25@0	DFT_BPSK	22.74
n71	15	5	133100	12@6	DFT_BPSK	23.21
n71	15	5	133100	1@1	DFT_BPSK	22.96
n71	15	5	133100	1@23	DFT_BPSK	23.24
n71	15	5	133100	25@0	DFT_QPSK	22.23
n71	15	5	133100	12@6	DFT_QPSK	23.23
n71	15	5	133100	1@1	DFT_QPSK	22.91
n71	15	5	133100	1@23	DFT_QPSK	23.23
n71	15	5	133100	25@0	DFT_16QAM	21.24
n71	15	5	133100	12@6	DFT_16QAM	22.22
n71	15	5	133100	1@1	DFT_16QAM	22.04
n71	15	5	133100	1@23	DFT_16QAM	22.45
n71	15	5	133100	25@0	DFT_64QAM	20.75
n71	15	5	133100	12@6	DFT_64QAM	20.79
n71	15	5	133100	1@1	DFT_64QAM	20.58
n71	15	5	133100	1@23	DFT_64QAM	20.99
n71	15	5	133100	25@0	DFT_256QAM	18.23
n71	15	5	133100	12@6	DFT_256QAM	18.75
n71	15	5	133100	1@1	DFT_256QAM	18.45
n71	15	5	133100	1@23	DFT_256QAM	18.85
n71	15	5	133100	25@0	CP_QPSK	20.25
n71	15	5	133100	13@6	CP_QPSK	21.71
n71	15	5	133100	1@1	CP_QPSK	21.37
n71	15	5	133100	1@23	CP_QPSK	21.85
n71	15	5	136100	25@0	DFT_BPSK	22.57
n71	15	5	136100	12@6	DFT_BPSK	23.06
n71	15	5	136100	1@1	DFT_BPSK	23.14
n71	15	5	136100	1@23	DFT_BPSK	22.77
n71	15	5	136100	25@0	DFT_QPSK	22.05
n71	15	5	136100	12@6	DFT_QPSK	23.1
n71	15	5	136100	1@1	DFT_QPSK	23.14
n71	15	5	136100	1@23	DFT_QPSK	22.8
n71	15	5	136100	25@0	DFT_16QAM	21
n71	15	5	136100	12@6	DFT_16QAM	22.07
n71	15	5	136100	1@1	DFT_16QAM	22.29
n71	15	5	136100	1@23	DFT_16QAM	21.89
n71	15	5	136100	25@0	DFT_64QAM	20.55
n71	15	5	136100	12@6	DFT_64QAM	20.6
n71	15	5	136100	1@1	DFT_64QAM	20.83
n71	15	5	136100	1@23	DFT_64QAM	20.45
n71	15	5	136100	25@0	DFT_256QAM	18.48
n71	15	5	136100	12@6	DFT_256QAM	18.59
n71	15	5	136100	1@1	DFT_256QAM	18.6
n71	15	5	136100	1@23	DFT_256QAM	18.23
n71	15	5	136100	25@0	CP_QPSK	20.04
n71	15	5	136100	13@6	CP_QPSK	21.47
n71	15	5	136100	1@1	CP_QPSK	21.6
n71	15	5	136100	1@23	CP_QPSK	21.25
n71	15	5	139100	25@0	DFT_BPSK	21.95



n71	15	5	139100	12@6	DFT_BPSK	22.44
n71	15	5	139100	1@1	DFT_BPSK	22.24
n71	15	5	139100	1@23	DFT_BPSK	22.48
n71	15	5	139100	25@0	DFT_QPSK	21.5
n71	15	5	139100	12@6	DFT_QPSK	22.44
n71	15	5	139100	1@1	DFT_QPSK	22.21
n71	15	5	139100	1@23	DFT_QPSK	22.45
n71	15	5	139100	25@0	DFT_16QAM	20.44
n71	15	5	139100	12@6	DFT_16QAM	21.44
n71	15	5	139100	1@1	DFT_16QAM	21.43
n71	15	5	139100	1@23	DFT_16QAM	21.63
n71	15	5	139100	25@0	DFT_64QAM	19.98
n71	15	5	139100	12@6	DFT_64QAM	19.97
n71	15	5	139100	1@1	DFT_64QAM	19.97
n71	15	5	139100	1@23	DFT_64QAM	20.13
n71	15	5	139100	25@0	DFT_256QAM	17.9
n71	15	5	139100	12@6	DFT_256QAM	17.99
n71	15	5	139100	1@1	DFT_256QAM	17.79
n71	15	5	139100	1@23	DFT_256QAM	17.63
n71	15	5	139100	25@0	CP_QPSK	19.45
n71	15	5	139100	13@6	CP_QPSK	20.91
n71	15	5	139100	1@1	CP_QPSK	20.8
n71	15	5	139100	1@23	CP_QPSK	20.97
n71	15	10	133600	50@0	DFT_BPSK	22.82
n71	15	10	133600	25@12	DFT_BPSK	23.25
n71	15	10	133600	1@1	DFT_BPSK	22.96
n71	15	10	133600	1@50	DFT_BPSK	23.35
n71	15	10	133600	50@0	DFT_QPSK	22.31
n71	15	10	133600	25@12	DFT_QPSK	23.26
n71	15	10	133600	1@1	DFT_QPSK	22.93
n71	15	10	133600	1@50	DFT_QPSK	23.33
n71	15	10	133600	50@0	DFT_16QAM	21.28
n71	15	10	133600	25@12	DFT_16QAM	22.35
n71	15	10	133600	1@1	DFT_16QAM	22.01
n71	15	10	133600	1@50	DFT_16QAM	22.58
n71	15	10	133600	50@0	DFT_64QAM	20.78
n71	15	10	133600	25@12	DFT_64QAM	20.91
n71	15	10	133600	1@1	DFT_64QAM	20.58
n71	15	10	133600	1@50	DFT_64QAM	21.1
n71	15	10	133600	50@0	DFT_256QAM	18.77
n71	15	10	133600	25@12	DFT_256QAM	18.81
n71	15	10	133600	1@1	DFT_256QAM	18.33
n71	15	10	133600	1@50	DFT_256QAM	18.25
n71	15	10	133600	52@0	CP_QPSK	20.33
n71	15	10	133600	26@13	CP_QPSK	21.87
n71	15	10	133600	1@1	CP_QPSK	21.35
n71	15	10	133600	1@50	CP_QPSK	21.92
n71	15	10	136100	50@0	DFT_BPSK	22.51
n71	15	10	136100	25@12	DFT_BPSK	22.96
n71	15	10	136100	1@1	DFT_BPSK	23.33
n71	15	10	136100	1@50	DFT_BPSK	22.56



n71	15	10	136100	50@0	DFT_QPSK	22
n71	15	10	136100	25@12	DFT_QPSK	22.97
n71	15	10	136100	1@1	DFT_QPSK	23.31
n71	15	10	136100	1@50	DFT_QPSK	22.5
n71	15	10	136100	50@0	DFT_16QAM	21.01
n71	15	10	136100	25@12	DFT_16QAM	21.98
n71	15	10	136100	1@1	DFT_16QAM	22.48
n71	15	10	136100	1@50	DFT_16QAM	21.56
n71	15	10	136100	50@0	DFT_64QAM	20.52
n71	15	10	136100	25@12	DFT_64QAM	20.51
n71	15	10	136100	1@1	DFT_64QAM	21.03
n71	15	10	136100	1@50	DFT_64QAM	20.11
n71	15	10	136100	50@0	DFT_256QAM	18.49
n71	15	10	136100	25@12	DFT_256QAM	18.43
n71	15	10	136100	1@1	DFT_256QAM	18.8
n71	15	10	136100	1@50	DFT_256QAM	17.92
n71	15	10	136100	52@0	CP_QPSK	20
n71	15	10	136100	26@13	CP_QPSK	21.45
n71	15	10	136100	1@1	CP_QPSK	21.86
n71	15	10	136100	1@50	CP_QPSK	20.94
n71	15	10	138600	50@0	DFT_BPSK	21.82
n71	15	10	138600	25@12	DFT_BPSK	22.2
n71	15	10	138600	1@1	DFT_BPSK	22.29
n71	15	10	138600	1@50	DFT_BPSK	22.47
n71	15	10	138600	50@0	DFT_QPSK	21.37
n71	15	10	138600	25@12	DFT_QPSK	22.24
n71	15	10	138600	1@1	DFT_QPSK	22.25
n71	15	10	138600	1@50	DFT_QPSK	22.44
n71	15	10	138600	50@0	DFT_16QAM	20.35
n71	15	10	138600	25@12	DFT_16QAM	21.3
n71	15	10	138600	1@1	DFT_16QAM	21.35
n71	15	10	138600	1@50	DFT_16QAM	21.61
n71	15	10	138600	50@0	DFT_64QAM	19.77
n71	15	10	138600	25@12	DFT_64QAM	19.83
n71	15	10	138600	1@1	DFT_64QAM	19.88
n71	15	10	138600	1@50	DFT_64QAM	20.19
n71	15	10	138600	50@0	DFT_256QAM	17.83
n71	15	10	138600	25@12	DFT_256QAM	17.72
n71	15	10	138600	1@1	DFT_256QAM	17.63
n71	15	10	138600	1@50	DFT_256QAM	17.95
n71	15	10	138600	52@0	CP_QPSK	19.36
n71	15	10	138600	26@13	CP_QPSK	20.79
n71	15	10	138600	1@1	CP_QPSK	20.72
n71	15	10	138600	1@50	CP_QPSK	20.97
n71	15	15	134100	75@0	DFT_BPSK	22.93
n71	15	15	134100	36@18	DFT_BPSK	23.39
n71	15	15	134100	1@1	DFT_BPSK	23.02
n71	15	15	134100	1@77	DFT_BPSK	23.2
n71	15	15	134100	75@0	DFT_QPSK	22.43
n71	15	15	134100	36@18	DFT_QPSK	23.42
n71	15	15	134100	1@1	DFT_QPSK	22.98



n71	15	15	134100	1@77	DFT_QPSK	23.21
n71	15	15	134100	75@0	DFT_16QAM	21.38
n71	15	15	134100	36@18	DFT_16QAM	22.54
n71	15	15	134100	1@1	DFT_16QAM	22.03
n71	15	15	134100	1@77	DFT_16QAM	22.33
n71	15	15	134100	75@0	DFT_64QAM	20.93
n71	15	15	134100	36@18	DFT_64QAM	21.04
n71	15	15	134100	1@1	DFT_64QAM	20.62
n71	15	15	134100	1@77	DFT_64QAM	20.88
n71	15	15	134100	75@0	DFT_256QAM	18.87
n71	15	15	134100	36@18	DFT_256QAM	18.98
n71	15	15	134100	1@1	DFT_256QAM	18.53
n71	15	15	134100	1@77	DFT_256QAM	18.63
n71	15	15	134100	79@0	CP_QPSK	20.47
n71	15	15	134100	39@19	CP_QPSK	22.05
n71	15	15	134100	1@1	CP_QPSK	21.36
n71	15	15	134100	1@77	CP_QPSK	21.68
n71	15	15	136100	75@0	DFT_BPSK	22.6
n71	15	15	136100	36@18	DFT_BPSK	23.12
n71	15	15	136100	1@1	DFT_BPSK	23.5
n71	15	15	136100	1@77	DFT_BPSK	22.47
n71	15	15	136100	75@0	DFT_QPSK	22.09
n71	15	15	136100	36@18	DFT_QPSK	23.1
n71	15	15	136100	1@1	DFT_QPSK	23.47
n71	15	15	136100	1@77	DFT_QPSK	22.42
n71	15	15	136100	75@0	DFT_16QAM	21.11
n71	15	15	136100	36@18	DFT_16QAM	22.15
n71	15	15	136100	1@1	DFT_16QAM	22.65
n71	15	15	136100	1@77	DFT_16QAM	21.47
n71	15	15	136100	75@0	DFT_64QAM	20.66
n71	15	15	136100	36@18	DFT_64QAM	20.64
n71	15	15	136100	1@1	DFT_64QAM	21.25
n71	15	15	136100	1@77	DFT_64QAM	20.01
n71	15	15	136100	75@0	DFT_256QAM	18.61
n71	15	15	136100	36@18	DFT_256QAM	18.59
n71	15	15	136100	1@1	DFT_256QAM	19.02
n71	15	15	136100	1@77	DFT_256QAM	17.87
n71	15	15	136100	79@0	CP_QPSK	20.16
n71	15	15	136100	39@19	CP_QPSK	21.62
n71	15	15	136100	1@1	CP_QPSK	22.03
n71	15	15	136100	1@77	CP_QPSK	20.79
n71	15	15	138100	75@0	DFT_BPSK	21.93
n71	15	15	138100	36@18	DFT_BPSK	22.35
n71	15	15	138100	1@1	DFT_BPSK	22.71
n71	15	15	138100	1@77	DFT_BPSK	22.51
n71	15	15	138100	75@0	DFT_QPSK	21.41
n71	15	15	138100	36@18	DFT_QPSK	22.38
n71	15	15	138100	1@1	DFT_QPSK	22.68
n71	15	15	138100	1@77	DFT_QPSK	22.45
n71	15	15	138100	75@0	DFT_16QAM	20.43
n71	15	15	138100	36@18	DFT_16QAM	21.38



n71	15	15	138100	1@1	DFT_16QAM	21.73
n71	15	15	138100	1@77	DFT_16QAM	21.66
n71	15	15	138100	75@0	DFT_64QAM	19.93
n71	15	15	138100	36@18	DFT_64QAM	19.87
n71	15	15	138100	1@1	DFT_64QAM	20.22
n71	15	15	138100	1@77	DFT_64QAM	20.17
n71	15	15	138100	75@0	DFT_256QAM	17.88
n71	15	15	138100	36@18	DFT_256QAM	17.79
n71	15	15	138100	1@1	DFT_256QAM	18.08
n71	15	15	138100	1@77	DFT_256QAM	17.99
n71	15	15	138100	79@0	CP_QPSK	19.46
n71	15	15	138100	39@19	CP_QPSK	20.87
n71	15	15	138100	1@1	CP_QPSK	21.07
n71	15	15	138100	1@77	CP_QPSK	20.98
n71	15	20	134600	100@0	DFT_BPSK	22.83
n71	15	20	134600	50@25	DFT_BPSK	23.47
n71	15	20	134600	1@1	DFT_BPSK	23
n71	15	20	134600	1@104	DFT_BPSK	22.85
n71	15	20	134600	100@0	DFT_QPSK	22.39
n71	15	20	134600	50@25	DFT_QPSK	23.46
n71	15	20	134600	1@1	DFT_QPSK	22.96
n71	15	20	134600	1@104	DFT_QPSK	22.74
n71	15	20	134600	100@0	DFT_16QAM	21.33
n71	15	20	134600	50@25	DFT_16QAM	22.53
n71	15	20	134600	1@1	DFT_16QAM	22.07
n71	15	20	134600	1@104	DFT_16QAM	21.87
n71	15	20	134600	100@0	DFT_64QAM	20.84
n71	15	20	134600	50@25	DFT_64QAM	21.05
n71	15	20	134600	1@1	DFT_64QAM	20.63
n71	15	20	134600	1@104	DFT_64QAM	20.41
n71	15	20	134600	100@0	DFT_256QAM	18.85
n71	15	20	134600	50@25	DFT_256QAM	19.01
n71	15	20	134600	1@1	DFT_256QAM	18.4
n71	15	20	134600	1@104	DFT_256QAM	18.2
n71	15	20	134600	106@0	CP_QPSK	20.31
n71	15	20	134600	53@26	CP_QPSK	22.03
n71	15	20	134600	1@1	CP_QPSK	21.36
n71	15	20	134600	1@104	CP_QPSK	21.16
n71	15	20	136100	100@0	DFT_BPSK	22.64
n71	15	20	136100	50@25	DFT_BPSK	23.16
n71	15	20	136100	1@1	DFT_BPSK	23.51
n71	15	20	136100	1@104	DFT_BPSK	22.36
n71	15	20	136100	100@0	DFT_QPSK	22.13
n71	15	20	136100	50@25	DFT_QPSK	23.12
n71	15	20	136100	1@1	DFT_QPSK	23.5
n71	15	20	136100	1@104	DFT_QPSK	22.37
n71	15	20	136100	100@0	DFT_16QAM	21.11
n71	15	20	136100	50@25	DFT_16QAM	22.15
n71	15	20	136100	1@1	DFT_16QAM	22.72
n71	15	20	136100	1@104	DFT_16QAM	21.46
n71	15	20	136100	100@0	DFT_64QAM	20.62



n71	15	20	136100	50@25	DFT_64QAM	20.64
n71	15	20	136100	1@1	DFT_64QAM	21.27
n71	15	20	136100	1@104	DFT_64QAM	19.95
n71	15	20	136100	100@0	DFT_256QAM	18.61
n71	15	20	136100	50@25	DFT_256QAM	18.59
n71	15	20	136100	1@1	DFT_256QAM	19.06
n71	15	20	136100	1@104	DFT_256QAM	17.78
n71	15	20	136100	106@0	CP_QPSK	20.1
n71	15	20	136100	53@26	CP_QPSK	21.59
n71	15	20	136100	1@1	CP_QPSK	22.03
n71	15	20	136100	1@104	CP_QPSK	20.75
n71	15	20	137600	100@0	DFT_BPSK	22.09
n71	15	20	137600	50@25	DFT_BPSK	22.52
n71	15	20	137600	1@1	DFT_BPSK	23.12
n71	15	20	137600	1@104	DFT_BPSK	22.53
n71	15	20	137600	100@0	DFT_QPSK	21.56
n71	15	20	137600	50@25	DFT_QPSK	22.53
n71	15	20	137600	1@1	DFT_QPSK	23.14
n71	15	20	137600	1@104	DFT_QPSK	22.52
n71	15	20	137600	100@0	DFT_16QAM	20.56
n71	15	20	137600	50@25	DFT_16QAM	21.46
n71	15	20	137600	1@1	DFT_16QAM	22.27
n71	15	20	137600	1@104	DFT_16QAM	21.68
n71	15	20	137600	100@0	DFT_64QAM	20.05
n71	15	20	137600	50@25	DFT_64QAM	19.94
n71	15	20	137600	1@1	DFT_64QAM	20.75
n71	15	20	137600	1@104	DFT_64QAM	20.2
n71	15	20	137600	100@0	DFT_256QAM	18.05
n71	15	20	137600	50@25	DFT_256QAM	18.63
n71	15	20	137600	1@1	DFT_256QAM	18.56
n71	15	20	137600	1@104	DFT_256QAM	18.02
n71	15	20	137600	106@0	CP_QPSK	19.55
n71	15	20	137600	53@26	CP_QPSK	20.96
n71	15	20	137600	1@1	CP_QPSK	21.63
n71	15	20	137600	1@104	CP_QPSK	21.02



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	15.8
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	16.36
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	16.31
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	16.36
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	15.35
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	16.43
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	16.35
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	16.39
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	14.48
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	15.37
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	15.22
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	15.26
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	13.82
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	13.9
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	13.69
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	13.75
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	11.77
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	11.91
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	11.65
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	11.74
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	13.31
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	14.83
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	14.89
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	14.93
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	16.02
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	16.56
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	16.46
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	16.47
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	15.49
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	16.51
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	16.49
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	16.57
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	14.48
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	15.49
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	15.32
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	15.44
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	14.05
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	14.01
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	13.82
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	13.9
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	11.93
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	12.07
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	11.78
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	11.88
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	13.44
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	14.97
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	15.02
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	15.15
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	16.21



n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	16.59
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	16.65
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	16.66
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	15.6
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	16.63
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	16.7
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	16.63
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	14.71
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	15.72
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	15.54
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	15.57
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	14.23
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	14.2
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	14.04
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	13.99
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	12.1
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	12.25
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	12.04
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	11.98
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	13.57
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	15.05
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	15.21
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	15.11
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	15.99
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	16.55
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	16.46
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	16.56
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	15.54
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	16.66
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	16.48
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	16.51
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	14.54
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	15.59
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	15.31
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	15.35
n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	13.97
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	14.09
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	13.8
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	13.91
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	11.93
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	11.94
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	11.8
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	11.89
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.4
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	14.99
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	14.99
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	15.03
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	16.05
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	16.64
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	16.52
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	16.58



n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	15.57
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	16.68
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	16.53
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	16.59
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	14.58
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	15.57
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	15.33
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	15.43
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	14.01
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	14.12
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	13.86
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	13.97
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	12
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	12.01
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	11.86
n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	11.94
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.44
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	15.05
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	15.02
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	15.13
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	16.25
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	16.81
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	16.72
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	16.69
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	15.71
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	16.76
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	16.75
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	16.69
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	14.65
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	15.74
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	15.59
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	15.52
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	14.17
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	14.26
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	14.08
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	14.05
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	12.11
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	12.14
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	12.12
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	12.04
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.63
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	15.19
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	15.27
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	15.18
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	16.09
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	16.69
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	16.52
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	16.5
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	15.65
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	16.65
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	16.51



n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	16.51
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	14.64
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	15.66
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	15.35
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	15.32
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	14
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	14.06
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	13.9
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	13.93
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	12
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	12.07
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	11.88
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	11.95
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	13.52
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	15.13
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	14.98
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	15.02
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	15.63
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	16.67
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	16.47
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	16.57
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	15.65
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	16.71
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	16.51
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	16.6
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	14.52
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	15.62
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	15.26
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	15.46
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	13.98
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	14.03
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	13.84
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	13.96
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	11.99
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	12.02
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	11.85
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	11.96
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	13.53
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	15.22
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	15.01
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	15.16
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	15.69
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	16.77
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	16.74
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	16.64
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	15.79
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	16.82
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	16.7
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	16.67
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	14.7
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	15.15



n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	15.55
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	15.5
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	14.14
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	14.22
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	14.1
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	14.02
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	12.14
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	12.19
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	12.08
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	12.03
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	13.67
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	15.24
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	15.23
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	15.13
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	15.93
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	16.44
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	16.4
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	16.32
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	15.45
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	16.4
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	16.39
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	16.33
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	14.35
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	15.42
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	15.23
n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	15.16
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	13.83
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	13.87
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	13.77
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	13.67
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	11.84
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	11.86
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	11.79
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	11.67
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	13.36
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	14.93
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	14.94
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	14.85
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	15.94
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	16.52
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	16.35
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	16.46
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	15.49
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	16.48
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	16.38
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	16.47
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	14.43
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	15.47
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	15.23
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	15.32
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	13.88



n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	13.94
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	13.72
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	13.8
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	11.9
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	11.89
n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	11.73
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	11.79
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	13.4
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	15.01
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	14.94
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	15.01
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	16.1
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	16.63
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	16.51
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	16.47
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	15.65
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	16.6
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	16.56
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	16.45
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	14.54
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	15.58
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	15.39
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	15.31
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	14.01
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	14.03
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	13.89
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	13.84
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	12.01
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	12.03
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	11.89
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	11.83
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	13.51
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	15.12
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	15.07
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	14.96
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	15.87
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	16.46
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	16.38
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	16.44
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	15.5
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	16.5
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	16.39
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	16.46
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	14.42
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	15.41
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	15.25
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	15.29
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	13.92
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	13.92
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	13.7
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	13.74



n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	11.9
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	11.9
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	11.73
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	11.73
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	13.38
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	14.93
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	14.99
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	14.97
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	16.01
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	16.6
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	16.42
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	16.46
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	15.51
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	16.58
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	16.42
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	16.47
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	14.48
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	15.5
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	15.3
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	15.31
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	13.96
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	14
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	13.73
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	13.79
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	11.97
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	11.98
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	11.74
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	11.8
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	13.46
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	15.03
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	15.03
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	15.03
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	16.01
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	16.59
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	16.5
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	16.45
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	15.58
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	16.57
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	16.51
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	16.41
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	14.5
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	15.5
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	15.4
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	15.24
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	14.01
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	14
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	13.81
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	13.72
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	12
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	11.98
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	11.82



n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	11.76
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	13.46
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	15.04
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	15.07
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	15.04
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	15.96
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	16.51
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	16.38
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	16.43
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	15.5
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	16.51
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	16.4
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	16.43
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	14.4
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	15.52
n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	15.23
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	15.26
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	13.92
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	13.94
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	13.78
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	13.77
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	11.9
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	11.91
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	11.8
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	11.79
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	13.42
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	14.97
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	14.94
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	14.95
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	15.95
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	16.56
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	16.4
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	16.45
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	15.5
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	16.58
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	16.42
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	16.48
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	14.42
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	15.59
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	15.27
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	15.28
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	13.93
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	13.97
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	13.75
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	13.78
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	11.93
n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	11.94
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	11.76
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	11.81
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	13.4
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	15.06



n77(3450-3550)	30	60	633334	1@1	CP_QPSK	14.95
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	15.02
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	16.05
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	16.58
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	16.38
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	16.35
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	15.57
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	16.57
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	16.36
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	16.4
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	14.44
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	15.59
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	15.18
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	15.21
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	13.94
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	14.04
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	13.72
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	13.73
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	11.93
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	12
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	11.73
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	11.74
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	13.42
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	15.01
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	14.9
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	14.95
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	16.14
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	16.63
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	16.53
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	16.53
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	15.67
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	16.65
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	16.55
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	16.54
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	14.53
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	15.63
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	15.4
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	15.37
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	14.02
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	14.03
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	13.86
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	13.86
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	12.02
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	11.99
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	11.89
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	11.85
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	13.54
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	15.14
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	15.07
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	15.04
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	16.17



n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	16.73
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	16.59
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	16.57
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	15.71
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	16.76
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	16.66
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	16.62
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	14.61
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	15.7
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	15.47
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	15.46
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	14.1
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	14.1
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	13.94
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	13.94
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	12.07
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	12.09
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	11.96
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	11.94
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	13.58
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	15.17
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	15.21
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	15.05
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	16.28
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	16.78
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	16.61
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	16.52
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	15.78
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	16.77
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	16.57
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	16.51
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	14.64
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	15.77
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	15.41
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	15.36
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	14.15
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	14.18
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	13.92
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	13.85
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	12.13
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	12.17
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	11.94
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	11.85
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	13.61
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	15.25
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	15.13
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	15.03
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	16.2
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	16.7
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	16.62
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	16.6



n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	15.69
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	16.74
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	16.68
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	16.59
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	14.56
n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	15.73
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	15.54
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	15.42
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	14.06
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	14.12
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	13.97
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	13.89
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	12.09
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	12.07
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	11.94
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	11.88
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	13.55
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	15.21
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	15.19
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	15.17
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	16.18
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	16.75
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	16.64
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	16.57
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	15.67
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	16.74
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	16.66
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	16.55
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	14.6
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	15.72
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	15.53
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	15.44
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	14.09
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	14.14
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	13.98
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	13.93
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	12.09
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	12.14
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	11.97
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	11.9
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	13.57
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	15.17
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	15.19
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	15.07
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	16.23
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	16.77
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	16.66
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	16.52
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	15.73
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	16.75
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	16.66



n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	16.56
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	14.59
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	15.77
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	15.53
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	15.43
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	14.11
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	14.15
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	14
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	13.88
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	12.09
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	12.12
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	11.96
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	11.84
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	13.56
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	15.26
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	15.21
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	15.09
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	16.11
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	16.71
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	16.53
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	16.45
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	15.64
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	16.67
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	16.52
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	16.49
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	14.58
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	15.69
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	15.34
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	15.3
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	14.04
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	14.07
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	13.85
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	13.84
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	12.05
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	12.07
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	11.82
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	11.82
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	13.56
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	15.12
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	14.97
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	14.92
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	16.14
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	16.7
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	16.62
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	16.55
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	15.74
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	16.72
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	16.57
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	16.56
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	14.58
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	15.7



n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	15.52
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	15.41
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	14.09
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	14.13
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	13.89
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	13.84
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	12.1
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	12.13
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	11.91
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	11.84
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	13.56
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	15.17
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	15.2
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	15.07
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	15.95
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	16.79
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	16.65
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	16.44
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	15.75
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	16.76
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	16.65
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	16.48
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	14.62
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	15.36
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	15.5
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	15.31
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	14.12
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	14.16
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	13.99
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	13.82
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	12.12
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	12.16
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	11.98
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	11.79
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	13.59
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	15.2
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	15.22
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	15.03
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	16.19
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	15.8
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	16.66
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	16.41
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	15.71
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	16.7
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	16.6
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	16.46
n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	14.57
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	15.72
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	15.49
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	15.36
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	14.07



n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	14.13
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	13.89
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	13.75
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	12.09
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	12.12
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	11.87
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	11.71
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	15.22
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	15.17
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	15.13
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	15.01



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	16.49
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	17.02
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	16.83
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	16.93
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	15.89
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	16.96
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	16.89
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	16.93
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	14.92
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	15.91
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	15.77
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	15.81
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	14.5
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	14.54
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	14.37
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	14.38
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	12.4
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	12.46
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	12.29
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	12.29
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	13.96
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	15.37
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	15.38
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	15.41
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	16.46
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	16.89
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	16.89
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	16.95
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	15.95
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	17.05
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	16.92
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	16.99
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	14.95
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	15.96
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	15.78
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	15.86
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	14.61
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	14.6
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	14.37
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	14.46
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	12.55
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	12.63
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	12.32
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	12.41
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	14
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	15.37
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	15.45
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	15.57
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	16.27



n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	16.73
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	16.7
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	16.75
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	15.72
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	16.76
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	16.74
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	16.78
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	14.79
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	15.78
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	15.63
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	15.63
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	14.21
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	14.29
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	14.13
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	14.12
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	12.19
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	12.35
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	12.13
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	12.12
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	13.72
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	15.21
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	15.28
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	15.3
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	16.39
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	16.97
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	16.83
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	16.9
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	15.96
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	17.04
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	16.89
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	16.92
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	14.94
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	15.99
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	15.68
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	15.71
n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	14.45
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	14.56
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	14.32
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	14.37
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	12.39
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	12.45
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	12.32
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	12.39
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.89
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	15.4
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	15.38
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	15.4
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	16.5
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	17.02
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	16.93
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	17



n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	15.98
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	17.1
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	16.93
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	17.01
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	15.01
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	16.05
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	15.76
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	15.83
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	14.58
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	14.63
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	14.37
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	14.48
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	12.52
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	12.52
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	12.36
n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	12.46
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.96
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	15.45
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	15.46
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	15.54
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	16.31
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	16.75
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	16.64
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	16.69
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	15.73
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	16.81
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	16.67
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	16.7
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	14.83
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	15.79
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	15.48
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	15.54
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	14.18
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	14.32
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	14.05
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	14.1
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	12.12
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	12.18
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	12.04
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	12.08
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.64
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	15.19
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	15.15
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	15.19
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	16.58
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	17.09
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	16.93
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	16.99
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	16.04
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	17.12
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	16.96



n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	17.01
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	15
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	16.04
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	15.77
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	15.83
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	14.53
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	14.58
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	14.46
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	14.49
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	12.51
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	12.54
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	12.39
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	12.46
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	14.03
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	15.58
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	15.43
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	15.48
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	16.52
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	17.1
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	16.86
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	17.02
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	16.04
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	17.08
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	16.9
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	17.04
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	14.99
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	16.05
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	15.77
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	15.86
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	14.51
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	14.61
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	14.4
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	14.5
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	12.51
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	12.57
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	12.37
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	12.48
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	14.05
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	15.52
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	15.45
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	15.53
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	16.26
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	16.77
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	16.58
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	16.71
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	15.79
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	16.81
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	16.62
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	16.76
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	14.71
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	15.79



n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	15.48
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	15.61
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	14.14
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	14.22
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	14.01
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	14.07
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	12.17
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	12.22
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	11.99
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	12.06
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	13.68
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	15.3
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	15.12
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	15.26
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	16.37
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	16.95
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	16.83
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	16.79
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	15.9
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	16.94
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	16.83
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	16.82
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	14.89
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	15.9
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	15.67
n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	15.64
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	14.38
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	14.43
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	14.21
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	14.21
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	12.33
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	12.36
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	12.21
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	12.18
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	13.88
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	15.42
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	15.36
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	15.32
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	15.71
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	16.98
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	16.65
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	17.17
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	15.98
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	16.95
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	16.64
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	17.21
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	15
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	15.44
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	15.5
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	16.02
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	14.49



n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	14.51
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	14.13
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	14.57
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	12.46
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	12.46
n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	12.15
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	12.56
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	14.01
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	15.5
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	15.2
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	15.73
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	16.26
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	16.77
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	16.63
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	16.73
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	15.78
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	16.76
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	16.68
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	16.8
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	14.67
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	15.75
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	15.5
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	15.65
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	14.16
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	14.15
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	13.95
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	14.08
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	12.15
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	12.13
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	11.93
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	12.1
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	13.65
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	15.25
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	15.17
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	15.29
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	16.39
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	16.97
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	16.79
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	16.83
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	15.9
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	16.92
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	16.82
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	16.87
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	14.93
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	15.83
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	15.68
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	15.69
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	14.42
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	14.42
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	14.2
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	14.21



n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	12.4
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	12.39
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	12.19
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	12.22
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	13.9
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	15.38
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	15.35
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	15.36
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	16.48
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	17.07
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	16.57
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	17.21
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	16
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	17.03
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	16.54
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	17.2
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	15.05
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	15.95
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	15.39
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	16.06
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	14.52
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	14.53
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	14.06
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	14.62
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	12.51
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	12.51
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	12.06
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	12.64
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	14.02
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	15.5
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	15.06
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	15.71
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	16.23
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	16.77
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	16.5
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	16.63
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	15.73
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	16.75
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	16.59
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	16.71
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	14.62
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	15.66
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	15.42
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	15.52
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	14.13
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	14.12
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	13.84
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	13.97
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	12.13
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	12.11
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	11.88



n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	12.03
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	13.62
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	15.22
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	15.11
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	15.19
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	16.34
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	16.84
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	16.67
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	16.76
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	15.82
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	16.85
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	16.71
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	16.8
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	14.83
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	15.87
n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	15.51
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	15.61
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	14.35
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	14.39
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	14.13
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	14.22
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	12.34
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	12.35
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	12.15
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	12.22
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	13.83
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	15.33
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	15.22
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	15.25
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	16.51
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	16.98
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	16.49
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	17.26
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	16.01
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	17
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	16.49
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	17.28
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	15
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	16.01
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	15.31
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	16.12
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	14.51
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	14.55
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	14.02
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	14.65
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	12.45
n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	12.49
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	12.01
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	12.66
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	14.03
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	15.48



n77(3700-3980)	30	60	656000	1@1	CP_QPSK	15.03
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	15.79
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	16.25
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	16.76
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	16.57
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	16.63
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	15.72
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	16.74
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	16.57
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	16.67
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	14.6
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	15.69
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	15.37
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	15.49
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	14.11
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	14.17
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	13.87
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	14
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	12.06
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	12.11
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	11.9
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	12.03
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	13.57
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	15.19
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	15.09
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	15.17
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	16.6
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	17.05
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	17
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	17.09
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	16.07
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	17.12
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	17.03
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	17.09
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	15.15
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	16.07
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	15.85
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	15.95
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	14.66
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	14.67
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	14.46
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	14.56
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	12.66
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	12.66
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	12.44
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	12.59
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	14.17
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	15.58
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	15.54
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	15.65
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	16.61



n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	17.06
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	16.58
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	17.39
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	16.08
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	17.05
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	16.6
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	17.41
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	15.12
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	16.05
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	15.44
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	16.22
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	14.6
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	14.62
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	14.1
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	14.81
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	12.62
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	12.59
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	12.11
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	12.77
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	14.15
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	15.57
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	15.16
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	15.94
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	16.36
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	16.84
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	16.72
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	16.82
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	15.86
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	16.85
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	16.76
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	16.85
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	14.75
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	15.86
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	15.57
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	15.71
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	14.24
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	14.26
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	14.1
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	14.11
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	12.24
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	12.26
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	12.12
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	12.13
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	13.72
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	15.36
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	15.22
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	15.41
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	16.62
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	17.12
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	16.92
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	17.1



n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	16.1
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	17.11
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	17.02
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	17.14
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	15.14
n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	16.05
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	15.85
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	15.99
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	14.66
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	14.69
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	14.47
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	14.64
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	12.67
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	12.65
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	12.44
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	12.62
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	14.16
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	15.53
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	15.55
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	15.6
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	16.58
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	17.13
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	16.53
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	17.49
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	16.11
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	17.08
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	16.6
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	17.63
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	15.13
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	16.13
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	15.4
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	16.33
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	14.64
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	14.66
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	14.09
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	14.9
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	12.65
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	12.64
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	12.06
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	12.85
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	14.14
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	15.59
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	15.12
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	16
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	16.36
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	16.84
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	16.78
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	16.81
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	15.85
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	16.83
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	16.76



n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	16.88
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	14.76
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	15.82
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	15.58
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	15.67
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	14.27
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	14.27
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	14.17
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	14.15
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	12.27
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	12.26
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	12.14
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	12.15
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	13.75
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	15.29
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	15.26
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	15.41
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	16.67
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	17.13
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	17.01
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	17.35
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	16.19
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	17.11
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	16.96
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	17.38
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	15.2
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	16.1
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	15.88
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	16.18
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	14.72
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	14.67
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	14.42
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	14.84
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	12.68
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	12.69
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	12.43
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	12.84
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	14.22
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	15.57
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	15.47
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	15.82
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	16.64
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	17.12
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	16.43
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	17.46
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	16.09
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	17.08
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	16.53
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	17.49
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	15.11
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	16.11



n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	15.33
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	16.32
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	14.63
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	14.64
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	13.97
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	14.85
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	12.6
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	12.64
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	11.94
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	12.82
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	14.09
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	15.57
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	15.03
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	15.99
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	16.5
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	16.97
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	16.85
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	16.92
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	16
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	16.99
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	16.83
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	16.98
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	14.84
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	15.92
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	15.7
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	15.83
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	14.37
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	14.38
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	14.2
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	14.2
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	12.38
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	12.39
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	12.18
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	12.21
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	13.84
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	15.46
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	15.37
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	15.56
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	16.66
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	17.14
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	16.97
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	17.42
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	16.16
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	17.08
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	17
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	17.47
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	15.22
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	16.08
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	15.82
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	16.25
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	14.74



n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	14.67
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	14.43
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	14.95
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	12.68
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	12.68
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	12.4
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	12.95
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	14.24
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	15.53
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	15.52
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	15.97
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	16.62
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	17.11
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	16.32
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	17.41
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	16.08
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	17.09
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	16.36
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	17.4
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	15.09
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	16.07
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	15.21
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	16.21
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	14.62
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	14.66
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	13.88
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	14.79
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	12.58
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	12.64
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	11.86
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	12.78
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	14.11
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	15.6
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	14.94
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	16.05
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	16.57
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	17.07
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	16.82
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	16.97
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	16.05
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	17.05
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	16.84
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	16.99
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	14.91
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	16.02
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	15.69
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	15.82
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	14.44
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	14.49
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	14.26
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	14.3



n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	12.43
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	12.48
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	12.23
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	12.29
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	13.93
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	15.54
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	15.33
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	15.49



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	18.17
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	18.54
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	18.57
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	18.66
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	17.56
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	18.6
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	18.63
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	18.67
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	16.64
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	17.62
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	17.49
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	17.51
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	16.15
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	16.13
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	16.05
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	16.1
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	14.01
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	14.22
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	13.95
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	13.96
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	15.58
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	17.07
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	17.1
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	17.11
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	18.18
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	18.61
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	18.62
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	18.61
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	17.63
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	18.64
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	18.62
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	18.68
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	16.69
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	17.68
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	17.49
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	17.55
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	16.21
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	16.15
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	15.99
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	16.07
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	14.02
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	14.19
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	13.93
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	13.92
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	15.62
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	17.1
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	17.14
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	17.16
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	18.28



n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	18.77
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	18.73
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	18.74
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	17.72
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	18.71
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	18.8
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	18.76
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	16.84
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	17.77
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	17.66
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	17.63
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	16.33
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	16.28
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	16.24
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	16.2
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	14.22
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	14.26
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	14.09
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	14.09
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	15.66
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	17.17
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	17.3
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	17.25
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	18.1
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	18.64
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	18.52
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	18.63
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	17.61
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	18.71
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	18.57
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	18.65
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	16.61
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	17.62
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	17.39
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	17.47
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	16.09
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	16.16
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	16.05
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	16.12
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	14.02
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	14.06
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	14.02
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	13.98
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	15.58
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	17.07
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	17.07
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	17.14
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	18.1
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	18.72
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	18.61
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	18.62



n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	17.66
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	18.74
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	18.62
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	18.65
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	16.69
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	17.68
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	17.39
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	17.44
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	16.13
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	16.29
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	16.12
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	16.15
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	14.01
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	14.08
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	13.93
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	13.94
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	15.58
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	17.11
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	17.12
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	17.17
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	18.25
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	18.8
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	18.77
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	18.72
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	17.74
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	18.78
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	18.79
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	18.76
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	16.73
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	17.82
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	17.61
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	17.57
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	16.21
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	16.36
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	16.29
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	16.28
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	14.15
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	14.14
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	14.09
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	14.11
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	15.69
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	17.24
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	17.29
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	17.27
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.15
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	18.59
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	18.6
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	18.63
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	17.66
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	18.67
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	18.58



n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	18.63
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	16.65
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	17.7
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	17.42
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	17.46
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	16.11
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	16.15
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	15.99
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	16.04
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	14.09
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	14.14
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	14.04
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	14.02
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	15.65
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	17.18
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	17.07
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	17.15
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.19
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	18.68
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	18.58
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	18.62
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	17.66
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	18.73
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	18.57
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	18.64
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	16.64
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	17.69
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	17.39
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	17.42
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	16.11
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	16.19
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	16.07
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	16.14
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	14
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	14.07
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	13.91
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	13.94
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	15.55
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	17.25
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	17.12
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	17.11
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.25
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	18.79
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	18.72
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	18.7
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	17.77
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	18.82
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	18.71
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	18.68
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	16.73
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	17.81



n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	17.57
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	17.53
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	16.24
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	16.24
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	16.23
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	16.14
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	14.15
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	14.15
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	14.09
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	14.08
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	15.74
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	17.29
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	17.28
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	17.18
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	16.93
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	17.52
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	17.43
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	17.35
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	16.52
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	17.52
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	17.47
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	17.4
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	15.5
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	16.48
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	16.29
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	16.23
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	14.96
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	15.06
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	15.04
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	14.9
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	12.85
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	12.87
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	12.8
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	12.72
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	14.36
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	16
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	15.99
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	15.92
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	17.36
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	17.57
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	17.45
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	17.41
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	16.55
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	17.57
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	17.52
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	17.44
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	15.55
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	16.09
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	16.32
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	16.27
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	15.05



n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	15.02
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	15.03
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	14.95
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	12.89
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	12.94
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	12.7
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	12.81
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	14.42
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	16.06
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	16.09
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	15.98
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	16.69
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	17.65
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	17.53
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	17.45
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	16.65
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	17.63
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	17.59
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	17.55
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	15.62
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	16.63
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	16.11
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	16.36
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	15.15
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	15.13
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	15.01
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	14.95
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	13.06
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	13.04
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	12.94
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	12.89
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	14.56
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	16.18
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	16.09
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	16
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	16.66
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	17.57
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	17.4
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	17.41
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	16.48
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	17.51
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	17.44
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	17.46
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	15.48
n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	16.4
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	16.23
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	16.27
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	14.23
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	14.95
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	14.97
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	14.97



n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	12.88
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	12.88
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	12.76
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	12.74
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	14.33
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	15.97
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	15.95
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	16
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	17.1
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	17.64
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	17.46
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	17.44
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	16.56
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	17.6
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	17.5
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	17.46
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	15.56
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	16.52
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	16.31
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	16.33
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	15.06
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	14.5
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	14.99
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	14.98
n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	12.93
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	12.98
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	12.71
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	12.8
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	14.44
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	16.06
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	16.07
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	15.98
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	17.12
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	17.57
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	17.52
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	17.37
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	16.6
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	17.53
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	17.54
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	17.43
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	15.63
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	16.47
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	16.38
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	16.3
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	15.05
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	15.26
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	15.13
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	15.03
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	12.97
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	12.95
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	12.8



n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	12.75
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	14.46
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	15.98
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	16.23
n78(3450-3550)	30	50	635000	1@131	CP_QPSK	16.04
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	16.95
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	17.47
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	17.4
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	17.39
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	16.48
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	17.54
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	17.45
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	17.42
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	15.47
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	16.48
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	16.26
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	16.23
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	14.96
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	14.16
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	14.89
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	14.86
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	12.87
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	12.85
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	12.79
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	12.77
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	14.36
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	15.96
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	15.96
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	15.89
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	17
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	17.58
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	17.48
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	17.42
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	16.69
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	17.62
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	17.51
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	17.44
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	15.51
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	16.63
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	16.36
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	16.29
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	15.04
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	15.03
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	15.03
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	14.93
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	12.91
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	12.94
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	12.78
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	12.78
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	14.4
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	16.14



n78(3450-3550)	30	60	633334	1@1	CP_QPSK	16.05
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	16.35
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	17.03
n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	17.57
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	17.41
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	17.38
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	17.25
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	17.58
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	17.45
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	17.42
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	15.52
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	16.59
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	16.29
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	16.2
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	15.03
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	15.12
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	14.95
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	14.79
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	13.21
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	13
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	12.8
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	12.74
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	14.43
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	16.02
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	15.94
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	15.88
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	18.12
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	18.64
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	18.56
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	18.41
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	17.63
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	18.62
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	18.54
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	18.46
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	16.65
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	17.63
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	17.38
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	17.27
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	16.17
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	16.32
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	16
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	15.86
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	14.07
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	14.08
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	13.21
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	13.83
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	15.67
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	17.14
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	17.1
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	16.96
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	17.68



n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	18.73
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	18.68
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	18.5
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	17.68
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	18.71
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	18.68
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	18.56
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	16.72
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	17.7
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	17.52
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	17.36
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	16.2
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	16.21
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	16.11
n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	15.98
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	14.1
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	14.15
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	14.36
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	13.9
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	15.72
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	17.21
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	17.24
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	17
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	17.56
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	18.75
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	18.66
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	18.48
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	17.7
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	18.69
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	18.69
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	18.53
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	16.73
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	17.73
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	17.49
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	17.29
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	16.25
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	16.23
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	16.07
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	15.99
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	14.12
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	14.18
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	13.98
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	13.87
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	15.75
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	17.2
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	17.19
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	17.02
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	18.18
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	18.7
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	18.68
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	18.55



n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	17.68
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	18.71
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	18.64
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	18.54
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	16.63
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	17.7
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	17.51
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	17.37
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	16.14
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	16.21
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	16.16
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	16.05
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	14.11
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	14.14
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	14.07
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	13.9
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	15.66
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	17.2
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	17.16
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	17.01
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	18.17
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	18.73
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	18.69
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	18.52
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	17.68
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	18.71
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	18.72
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	18.53
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	16.65
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	17.72
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	17.53
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	17.32
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	16.19
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	16.35
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	16.2
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	16.03
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	14.12
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	14.13
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	14.04
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	13.85
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	15.68
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	17.23
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	17.25
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	17.05
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	18.18
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	18.7
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	18.72
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	18.54
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	17.71
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	18.72
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	18.74



n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	18.55
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	16.65
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	17.71
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	17.55
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	17.4
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	16.27
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	16.63
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	16.2
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	16.04
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	14.09
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	14.19
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	14.02
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	13.85
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	15.67
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	17.23
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	17.24
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	17.06
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	18.16
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	18.72
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	18.53
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	18.43
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	17.66
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	18.69
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	18.55
n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	18.44
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	16.65
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	17.72
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	17.38
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	17.21
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	16.16
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	15.24
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	15.94
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	15.91
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	14.06
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	14.11
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	14
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	13.79
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	15.62
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	17.15
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	17.06
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	16.91
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	18.13
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	18.72
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	18.63
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	18.52
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	17.71
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	18.73
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	18.65
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	18.53
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	16.68
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	17.73



n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	17.49
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	17.29
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	16.16
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	16.24
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	16.13
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	15.87
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	14.11
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	14.15
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	14
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	13.87
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	15.63
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	17.17
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	17.17
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	17
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	18.24
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	18.74
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	18.66
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	18.43
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	17.74
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	18.77
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	18.72
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	18.46
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	16.74
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	17.75
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	17.52
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	17.3
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	16.19
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	15.68
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	16.12
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	15.87
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	14.11
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	14.19
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	14.05
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	13.81
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	15.65
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	17.21
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	17.23
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	17.02
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	18.14
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	18.74
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	18.64
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	18.43
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	17.64
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	18.73
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	18.64
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	18.43
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	16.65
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	17.71
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	17.45
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	17.27
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	16.18



n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	16.35
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	16.05
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	15.83
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	14.09
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	14.14
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	14.02
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	13.75
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	15.65
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	17.18
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	17.12
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	16.94



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	17.95
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	18.45
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	18.33
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	18.38
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	17.42
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	18.47
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	18.4
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	18.41
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	16.43
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	17.41
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	16.8
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	17.43
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	15.93
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	15.99
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	15.94
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	15.94
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	13.95
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	14.05
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	13.68
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	13.72
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	15.5
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	16.86
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	17.11
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	17.09
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	17.5
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	18.47
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	18.41
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	18.48
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	17.44
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	18.48
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	18.44
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	18.51
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	16.59
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	17.2
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	17.51
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	17.54
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	15.95
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	16.07
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	16.02
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	16.09
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	14.07
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	14.15
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	13.81
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	13.86
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	15.47
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	16.92
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	17.22
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	17.26
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	18.29



n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	18.76
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	18.66
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	18.82
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	17.69
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	18.74
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	18.69
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	18.85
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	16.91
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	17.92
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	17.76
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	17.88
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	16.33
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	16.36
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	16.28
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	16.36
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	14.25
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	14.43
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	14
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	14.13
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	15.74
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	17.21
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	17.44
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	17.58
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	18
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	18.49
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	18.36
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	18.39
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	17.48
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	18.52
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	18.46
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	18.43
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	16.52
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	17.45
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	17.5
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	17.47
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	15.93
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	16.07
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	16.04
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	16.01
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	13.93
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	13.92
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	13.71
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	13.77
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	15.44
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	16.98
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	17.11
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	17.14
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	17.98
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	18.58
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	18.43
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	18.58



n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	17.58
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	18.63
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	18.48
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	18.56
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	16.6
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	17.53
n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	17.52
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	17.64
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	15.98
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	16.08
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	16.01
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	16.16
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	14.11
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	14.09
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	13.77
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	13.89
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	15.53
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	17.05
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	17.16
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	17.3
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	18.24
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	18.71
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	18.49
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	18.78
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	17.74
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	18.75
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	18.54
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	18.8
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	16.73
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	17.67
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	17.57
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	17.89
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	16.18
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	16.29
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	16.1
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	16.35
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	13.9
n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	14.18
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	13.81
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	14.03
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	15.68
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	17.21
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	17.18
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	17.37
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	18.09
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	18.63
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	18.5
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	18.52
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	17.59
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	18.64
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	18.49



n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	18.5
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	16.8
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	17.58
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	10.13
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	17.58
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	16.01
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	16.09
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	16.07
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	16.11
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	14.07
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	14.04
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	13.8
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	13.85
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	15.59
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	17.13
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	17.23
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	17.21
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	18.13
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	18.6
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	18.48
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	18.6
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	17.58
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	18.66
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	18.46
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	18.59
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	16.54
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	17.54
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	17.62
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	17.7
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	16.04
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	16.1
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	16.01
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	16.22
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	14.08
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	14.08
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	13.8
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	13.94
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	15.54
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	17.1
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	17.21
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	17.34
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	18.24
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	18.81
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	18.42
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	18.81
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	17.72
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	18.76
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	18.41
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	18.79
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	16.71
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	17.71



n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	17.54
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	17.9
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	16.18
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	16.19
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	15.98
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	16.36
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	14.15
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	14.17
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	13.78
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	14.08
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	15.69
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	17.22
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	17.07
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	17.5
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	16.99
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	17.55
n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	17.34
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	17.37
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	16.5
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	17.48
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	17.4
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	17.35
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	15.49
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	16.52
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	16.44
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	16.43
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	14.96
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	14.98
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	15.01
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	14.98
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	12.9
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	12.89
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	12.64
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	12.58
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	14.46
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	16.01
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	16.08
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	16.04
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	14.5
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	17.56
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	17.44
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	17.57
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	16.57
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	16.7
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	17.45
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	17.6
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	15.56
n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	16.59
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	16.5
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	16.66
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	15.06



n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	15.02
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	15.04
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	15.22
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	13.01
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	12.99
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	12.65
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	12.84
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	14.56
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	16.09
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	16.12
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	16.32
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	17.11
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	17.64
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	17.26
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	17.81
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	16.66
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	17.61
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	17.31
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	17.84
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	15.64
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	16.59
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	16.38
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	16.88
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	15.1
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	15.09
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	14.9
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	15.4
n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	12.7
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	13.03
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	13.1
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	13.16
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	14.62
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	16.14
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	15.91
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	16.51
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	16.52
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	17.58
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	17.34
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	17.41
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	16.49
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	17.56
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	17.39
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	17.41
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	15.49
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	16.47
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	16.51
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	16.55
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	15.02
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	14.98
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	15.04
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	15.09



n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	12.96
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	12.96
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	12.65
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	12.68
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	15.5
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	15.98
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	16.09
n78(3700-3800)	30	50	648334	1@131	CP_QPSK	16.03
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	16.9
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	17.67
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	17.4
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	17.62
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	16.58
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	17.62
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	17.38
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	17.61
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	15.56
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	16.1
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	16.54
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	16
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	15.1
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	15.08
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	15.07
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	15.23
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	13.06
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	13.06
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	12.69
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	12.92
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	15.4
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	16.06
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	16.06
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	16.27
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	17.16
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	17.1
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	17.22
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	17.81
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	16.58
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	17.57
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	17.22
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	17.83
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	15.55
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	16.57
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	16.3
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	16.93
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	15.04
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	15.02
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	14.75
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	15.37
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	13.07
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	13.04
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	12.53



n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	13.09
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	14.57
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	16.04
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	15.83
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	16.47
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	16.94
n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	17.48
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	17.26
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	17.38
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	16.42
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	16.7
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	17.33
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	17.39
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	15.42
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	16.41
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	16.4
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	16.5
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	14.92
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	14.99
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	14.9
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	14.99
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	12.89
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	12.87
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	12.62
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	12.69
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	14.42
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	15.96
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	15.97
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	15.99
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	14.53
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	17.59
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	17.42
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	17.64
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	16.56
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	17.57
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	17.43
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	17.68
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	15.56
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	16.59
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	16.51
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	16.73
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	15.06
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	15.12
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	15.05
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	14.8
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	16.55
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	13.01
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	12.7
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	12.92
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	14.53
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	16.06



n78(3700-3800)	30	60	650000	1@1	CP_QPSK	16.11
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	16.31
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	17.09
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	17.59
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	17.2
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	17.88
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	16.63
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	17.56
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	17.25
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	17.95
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	15.56
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	16.61
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	16.34
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	17.01
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	15.09
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	15
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	14.84
n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	15.54
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	13.06
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	13.04
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	12.49
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	13.14
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	14.56
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	16.08
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	15.93
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	16.54
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	18.26
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	18.7
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	18.58
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	18.65
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	17.68
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	18.7
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	18.62
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	18.66
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	17.4
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	17.67
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	17.75
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	17.77
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	16.24
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	16.17
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	16.19
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	16.29
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	14.2
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	14.18
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	13.95
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	14.05
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	15.72
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	17.15
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	17.3
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	17.32
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	18.25



n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	18.7
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	18.62
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	18.84
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	17.7
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	18.68
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	18.63
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	18.89
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	16.72
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	17.7
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	17.71
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	17.96
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	16.24
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	16.18
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	16.26
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	15.9
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	14.22
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	14.21
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	13.91
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	14.16
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	15.71
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	17.18
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	17.3
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	17.5
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	15.7
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	18.7
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	18.46
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	18.74
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	17.72
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	18.69
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	18.5
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	19.11
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	16.72
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	17.72
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	17.59
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	18.17
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	16.21
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	16.21
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	16.13
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	16.64
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	14.1
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	14.2
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	13.81
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	14.43
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	15.76
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	17.22
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	17.17
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	17.74
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	18.23
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	18.72
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	18.59
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	18.73



n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	17.7
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	18.67
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	18.6
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	18.78
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	16.68
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	17.68
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	17.66
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	17.79
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	16.17
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	16.16
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	16.18
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	16.32
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	14.18
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	14.18
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	13.98
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	14.08
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	15.65
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	16.9
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	17.23
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	17.3
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	18.26
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	18.72
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	18.65
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	18.96
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	17.76
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	18.69
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	18.67
n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	18.98
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	16.71
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	17.69
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	17.74
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	18.02
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	16.26
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	16.16
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	16.3
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	16.57
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	14.23
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	14.25
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	14
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	14.31
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	15.73
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	17.21
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	17.32
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	17.56
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	18.28
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	18.71
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	18.55
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	19.07
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	17.75
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	18.7
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	18.6



n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	19.11
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	16.7
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	17.68
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	17.64
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	18.16
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	16.25
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	16.17
n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	16.8
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	16.75
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	14.22
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	14.24
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	13.9
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	14.39
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	15.7
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	17.17
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	17.23
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	17.75
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	18.28
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	18.78
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	18.56
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	18.93
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	17.74
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	18.74
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	18.6
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	18.94
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	16.77
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	17.75
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	17.64
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	18
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	16.27
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	16.26
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	16.18
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	16.54
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	14.27
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	14.22
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	13.95
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	14.3
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	16.9
n78(3700-3800)	30	90	649668	123@61	CP_QPSK	17.19
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	17.19
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	17.49
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	18.25
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	18.74
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	18.65
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	19.1
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	17.77
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	18.73
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	18.63
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	19.04
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	16.76
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	17.74



n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	17.73
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	18.18
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	16.25
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	16.22
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	16.27
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	16.7
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	14.26
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	14.23
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	13.86
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	14.37
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	15.73
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	17.15
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	17.26
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	17.64
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	17.73
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	18.67
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	18.51
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	19.03
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	17.73
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	18.69
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	18.63
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	19.08
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	16.72
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	17.66
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	17.69
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	18.13
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	16.25
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	16.2
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	16.19
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	16.68
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	14.2
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	14.19
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	13.93
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	14.3
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	15.71
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	17.12
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	17.18
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	17.8
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	18.33
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	18.77
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	18.55
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	19.09
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	17.77
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	18.73
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	18.58
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	19.1
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	16.76
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	17.7
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	17.73
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	18.2
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	16.3



n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	16.25
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	16.21
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	16.72
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	14.26
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	14.23
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	13.88
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	14.33
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	15.77
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	17.15
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	17.28
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	17.81



NSA

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_5A_n41A	30	10	500202	24@0	DFT_BPSK	22.07
DC_5A_n41A	30	10	500202	12@6	DFT_BPSK	22.59
DC_5A_n41A	30	10	500202	1@1	DFT_BPSK	22.57
DC_5A_n41A	30	10	500202	1@22	DFT_BPSK	22.43
DC_5A_n41A	30	10	500202	24@0	DFT_QPSK	21.61
DC_5A_n41A	30	10	500202	12@6	DFT_QPSK	22.65
DC_5A_n41A	30	10	500202	1@1	DFT_QPSK	22.44
DC_5A_n41A	30	10	500202	1@22	DFT_QPSK	22.3
DC_5A_n41A	30	10	500202	24@0	DFT_16QAM	20.69
DC_5A_n41A	30	10	500202	12@6	DFT_16QAM	21.67
DC_5A_n41A	30	10	500202	1@1	DFT_16QAM	21.31
DC_5A_n41A	30	10	500202	1@22	DFT_16QAM	21.15
DC_5A_n41A	30	10	500202	24@0	DFT_64QAM	20.27
DC_5A_n41A	30	10	500202	12@6	DFT_64QAM	20.28
DC_5A_n41A	30	10	500202	1@1	DFT_64QAM	20.01
DC_5A_n41A	30	10	500202	1@22	DFT_64QAM	19.87
DC_5A_n41A	30	10	500202	24@0	DFT_256QAM	18.11
DC_5A_n41A	30	10	500202	12@6	DFT_256QAM	18.31
DC_5A_n41A	30	10	500202	1@1	DFT_256QAM	18
DC_5A_n41A	30	10	500202	1@22	DFT_256QAM	17.93
DC_5A_n41A	30	10	500202	24@0	CP_QPSK	19.51
DC_5A_n41A	30	10	500202	12@6	CP_QPSK	21.02
DC_5A_n41A	30	10	500202	1@1	CP_QPSK	20.94
DC_5A_n41A	30	10	500202	1@22	CP_QPSK	20.97
DC_5A_n41A	30	10	518598	24@0	DFT_BPSK	22.01
DC_5A_n41A	30	10	518598	12@6	DFT_BPSK	22.37
DC_5A_n41A	30	10	518598	1@1	DFT_BPSK	22.38
DC_5A_n41A	30	10	518598	1@22	DFT_BPSK	22.42
DC_5A_n41A	30	10	518598	24@0	DFT_QPSK	21.51
DC_5A_n41A	30	10	518598	12@6	DFT_QPSK	22.53
DC_5A_n41A	30	10	518598	1@1	DFT_QPSK	22.32
DC_5A_n41A	30	10	518598	1@22	DFT_QPSK	22.35
DC_5A_n41A	30	10	518598	24@0	DFT_16QAM	20.59
DC_5A_n41A	30	10	518598	12@6	DFT_16QAM	21.56
DC_5A_n41A	30	10	518598	1@1	DFT_16QAM	21.2
DC_5A_n41A	30	10	518598	1@22	DFT_16QAM	21.2
DC_5A_n41A	30	10	518598	24@0	DFT_64QAM	20
DC_5A_n41A	30	10	518598	12@6	DFT_64QAM	20.15
DC_5A_n41A	30	10	518598	1@1	DFT_64QAM	19.93
DC_5A_n41A	30	10	518598	1@22	DFT_64QAM	19.89
DC_5A_n41A	30	10	518598	24@0	DFT_256QAM	18.03
DC_5A_n41A	30	10	518598	12@6	DFT_256QAM	18.26
DC_5A_n41A	30	10	518598	1@1	DFT_256QAM	18
DC_5A_n41A	30	10	518598	1@22	DFT_256QAM	18
DC_5A_n41A	30	10	518598	24@0	CP_QPSK	19.49
DC_5A_n41A	30	10	518598	12@6	CP_QPSK	20.9
DC_5A_n41A	30	10	518598	1@1	CP_QPSK	20.89
DC_5A_n41A	30	10	518598	1@22	CP_QPSK	20.93



DC_5A_n41A	30	10	537000	24@0	DFT_BPSK	21.83
DC_5A_n41A	30	10	537000	12@6	DFT_BPSK	22.4
DC_5A_n41A	30	10	537000	1@1	DFT_BPSK	22.2
DC_5A_n41A	30	10	537000	1@22	DFT_BPSK	22.24
DC_5A_n41A	30	10	537000	24@0	DFT_QPSK	21.29
DC_5A_n41A	30	10	537000	12@6	DFT_QPSK	22.25
DC_5A_n41A	30	10	537000	1@1	DFT_QPSK	22.17
DC_5A_n41A	30	10	537000	1@22	DFT_QPSK	22.2
DC_5A_n41A	30	10	537000	24@0	DFT_16QAM	20.4
DC_5A_n41A	30	10	537000	12@6	DFT_16QAM	21.31
DC_5A_n41A	30	10	537000	1@1	DFT_16QAM	21.04
DC_5A_n41A	30	10	537000	1@22	DFT_16QAM	21.09
DC_5A_n41A	30	10	537000	24@0	DFT_64QAM	19.96
DC_5A_n41A	30	10	537000	12@6	DFT_64QAM	19.98
DC_5A_n41A	30	10	537000	1@1	DFT_64QAM	19.71
DC_5A_n41A	30	10	537000	1@22	DFT_64QAM	19.78
DC_5A_n41A	30	10	537000	24@0	DFT_256QAM	17.73
DC_5A_n41A	30	10	537000	12@6	DFT_256QAM	17.92
DC_5A_n41A	30	10	537000	1@1	DFT_256QAM	17.7
DC_5A_n41A	30	10	537000	1@22	DFT_256QAM	17.72
DC_5A_n41A	30	10	537000	24@0	CP_QPSK	19.43
DC_5A_n41A	30	10	537000	12@6	CP_QPSK	20.73
DC_5A_n41A	30	10	537000	1@1	CP_QPSK	20.79
DC_5A_n41A	30	10	537000	1@22	CP_QPSK	20.79
DC_5A_n41A	30	15	500700	36@0	DFT_BPSK	22.2
DC_5A_n41A	30	15	500700	18@9	DFT_BPSK	22.52
DC_5A_n41A	30	15	500700	1@1	DFT_BPSK	22.64
DC_5A_n41A	30	15	500700	1@36	DFT_BPSK	22.48
DC_5A_n41A	30	15	500700	36@0	DFT_QPSK	21.58
DC_5A_n41A	30	15	500700	18@9	DFT_QPSK	22.56
DC_5A_n41A	30	15	500700	1@1	DFT_QPSK	22.46
DC_5A_n41A	30	15	500700	1@36	DFT_QPSK	22.27
DC_5A_n41A	30	15	500700	36@0	DFT_16QAM	20.72
DC_5A_n41A	30	15	500700	18@9	DFT_16QAM	21.58
DC_5A_n41A	30	15	500700	1@1	DFT_16QAM	21.29
DC_5A_n41A	30	15	500700	1@36	DFT_16QAM	21.1
DC_5A_n41A	30	15	500700	36@0	DFT_64QAM	20.18
DC_5A_n41A	30	15	500700	18@9	DFT_64QAM	20.2
DC_5A_n41A	30	15	500700	1@1	DFT_64QAM	20.1
DC_5A_n41A	30	15	500700	1@36	DFT_64QAM	19.99
DC_5A_n41A	30	15	500700	36@0	DFT_256QAM	18.08
DC_5A_n41A	30	15	500700	18@9	DFT_256QAM	18.09
DC_5A_n41A	30	15	500700	1@1	DFT_256QAM	18.12
DC_5A_n41A	30	15	500700	1@36	DFT_256QAM	18.01
DC_5A_n41A	30	15	500700	38@0	CP_QPSK	19.6
DC_5A_n41A	30	15	500700	19@9	CP_QPSK	21
DC_5A_n41A	30	15	500700	1@1	CP_QPSK	21.11
DC_5A_n41A	30	15	500700	1@36	CP_QPSK	20.79
DC_5A_n41A	30	15	518598	36@0	DFT_BPSK	21.96
DC_5A_n41A	30	15	518598	18@9	DFT_BPSK	22.46
DC_5A_n41A	30	15	518598	1@1	DFT_BPSK	22.39



DC_5A_n41A	30	15	518598	1@36	DFT_BPSK	22.43
DC_5A_n41A	30	15	518598	36@0	DFT_QPSK	21.46
DC_5A_n41A	30	15	518598	18@9	DFT_QPSK	22.54
DC_5A_n41A	30	15	518598	1@1	DFT_QPSK	22.34
DC_5A_n41A	30	15	518598	1@36	DFT_QPSK	22.35
DC_5A_n41A	30	15	518598	36@0	DFT_16QAM	20.57
DC_5A_n41A	30	15	518598	18@9	DFT_16QAM	21.51
DC_5A_n41A	30	15	518598	1@1	DFT_16QAM	21.14
DC_5A_n41A	30	15	518598	1@36	DFT_16QAM	21.14
DC_5A_n41A	30	15	518598	36@0	DFT_64QAM	20.05
DC_5A_n41A	30	15	518598	18@9	DFT_64QAM	20.11
DC_5A_n41A	30	15	518598	1@1	DFT_64QAM	19.98
DC_5A_n41A	30	15	518598	1@36	DFT_64QAM	20.04
DC_5A_n41A	30	15	518598	36@0	DFT_256QAM	18.03
DC_5A_n41A	30	15	518598	18@9	DFT_256QAM	18.13
DC_5A_n41A	30	15	518598	1@1	DFT_256QAM	18.04
DC_5A_n41A	30	15	518598	1@36	DFT_256QAM	18.07
DC_5A_n41A	30	15	518598	38@0	CP_QPSK	19.49
DC_5A_n41A	30	15	518598	19@9	CP_QPSK	21.01
DC_5A_n41A	30	15	518598	1@1	CP_QPSK	20.96
DC_5A_n41A	30	15	518598	1@36	CP_QPSK	20.99
DC_5A_n41A	30	15	536496	36@0	DFT_BPSK	21.84
DC_5A_n41A	30	15	536496	18@9	DFT_BPSK	22.25
DC_5A_n41A	30	15	536496	1@1	DFT_BPSK	22.34
DC_5A_n41A	30	15	536496	1@36	DFT_BPSK	22.27
DC_5A_n41A	30	15	536496	36@0	DFT_QPSK	21.31
DC_5A_n41A	30	15	536496	18@9	DFT_QPSK	22.34
DC_5A_n41A	30	15	536496	1@1	DFT_QPSK	22.28
DC_5A_n41A	30	15	536496	1@36	DFT_QPSK	22.2
DC_5A_n41A	30	15	536496	36@0	DFT_16QAM	20.42
DC_5A_n41A	30	15	536496	18@9	DFT_16QAM	21.3
DC_5A_n41A	30	15	536496	1@1	DFT_16QAM	21.05
DC_5A_n41A	30	15	536496	1@36	DFT_16QAM	21.01
DC_5A_n41A	30	15	536496	36@0	DFT_64QAM	19.92
DC_5A_n41A	30	15	536496	18@9	DFT_64QAM	19.92
DC_5A_n41A	30	15	536496	1@1	DFT_64QAM	19.86
DC_5A_n41A	30	15	536496	1@36	DFT_64QAM	19.9
DC_5A_n41A	30	15	536496	36@0	DFT_256QAM	17.72
DC_5A_n41A	30	15	536496	18@9	DFT_256QAM	17.79
DC_5A_n41A	30	15	536496	1@1	DFT_256QAM	17.92
DC_5A_n41A	30	15	536496	1@36	DFT_256QAM	17.8
DC_5A_n41A	30	15	536496	38@0	CP_QPSK	19.35
DC_5A_n41A	30	15	536496	19@9	CP_QPSK	20.79
DC_5A_n41A	30	15	536496	1@1	CP_QPSK	20.9
DC_5A_n41A	30	15	536496	1@36	CP_QPSK	20.76
DC_5A_n41A	30	20	501204	50@0	DFT_BPSK	22.04
DC_5A_n41A	30	20	501204	25@12	DFT_BPSK	22.62
DC_5A_n41A	30	20	501204	1@1	DFT_BPSK	22.64
DC_5A_n41A	30	20	501204	1@49	DFT_BPSK	22.48
DC_5A_n41A	30	20	501204	50@0	DFT_QPSK	21.6
DC_5A_n41A	30	20	501204	25@12	DFT_QPSK	22.53



DC_5A_n41A	30	20	501204	1@1	DFT_QPSK	22.41
DC_5A_n41A	30	20	501204	1@49	DFT_QPSK	22.27
DC_5A_n41A	30	20	501204	50@0	DFT_16QAM	20.56
DC_5A_n41A	30	20	501204	25@12	DFT_16QAM	21.53
DC_5A_n41A	30	20	501204	1@1	DFT_16QAM	21.19
DC_5A_n41A	30	20	501204	1@49	DFT_16QAM	21.1
DC_5A_n41A	30	20	501204	50@0	DFT_64QAM	20.08
DC_5A_n41A	30	20	501204	25@12	DFT_64QAM	20.15
DC_5A_n41A	30	20	501204	1@1	DFT_64QAM	20.11
DC_5A_n41A	30	20	501204	1@49	DFT_64QAM	19.96
DC_5A_n41A	30	20	501204	50@0	DFT_256QAM	18.01
DC_5A_n41A	30	20	501204	25@12	DFT_256QAM	18.04
DC_5A_n41A	30	20	501204	1@1	DFT_256QAM	18.08
DC_5A_n41A	30	20	501204	1@49	DFT_256QAM	18.01
DC_5A_n41A	30	20	501204	51@0	CP_QPSK	19.61
DC_5A_n41A	30	20	501204	25@12	CP_QPSK	20.99
DC_5A_n41A	30	20	501204	1@1	CP_QPSK	20.96
DC_5A_n41A	30	20	501204	1@49	CP_QPSK	20.83
DC_5A_n41A	30	20	518598	50@0	DFT_BPSK	22.05
DC_5A_n41A	30	20	518598	25@12	DFT_BPSK	22.53
DC_5A_n41A	30	20	518598	1@1	DFT_BPSK	22.4
DC_5A_n41A	30	20	518598	1@49	DFT_BPSK	22.37
DC_5A_n41A	30	20	518598	50@0	DFT_QPSK	21.53
DC_5A_n41A	30	20	518598	25@12	DFT_QPSK	22.55
DC_5A_n41A	30	20	518598	1@1	DFT_QPSK	22.3
DC_5A_n41A	30	20	518598	1@49	DFT_QPSK	22.27
DC_5A_n41A	30	20	518598	50@0	DFT_16QAM	20.47
DC_5A_n41A	30	20	518598	25@12	DFT_16QAM	21.51
DC_5A_n41A	30	20	518598	1@1	DFT_16QAM	21.14
DC_5A_n41A	30	20	518598	1@49	DFT_16QAM	21.15
DC_5A_n41A	30	20	518598	50@0	DFT_64QAM	19.95
DC_5A_n41A	30	20	518598	25@12	DFT_64QAM	20.08
DC_5A_n41A	30	20	518598	1@1	DFT_64QAM	20.02
DC_5A_n41A	30	20	518598	1@49	DFT_64QAM	19.93
DC_5A_n41A	30	20	518598	50@0	DFT_256QAM	18.02
DC_5A_n41A	30	20	518598	25@12	DFT_256QAM	18.09
DC_5A_n41A	30	20	518598	1@1	DFT_256QAM	18.02
DC_5A_n41A	30	20	518598	1@49	DFT_256QAM	18
DC_5A_n41A	30	20	518598	51@0	CP_QPSK	19.51
DC_5A_n41A	30	20	518598	25@12	CP_QPSK	21.02
DC_5A_n41A	30	20	518598	1@1	CP_QPSK	20.91
DC_5A_n41A	30	20	518598	1@49	CP_QPSK	20.96
DC_5A_n41A	30	20	535998	50@0	DFT_BPSK	21.96
DC_5A_n41A	30	20	535998	25@12	DFT_BPSK	22.29
DC_5A_n41A	30	20	535998	1@1	DFT_BPSK	22.53
DC_5A_n41A	30	20	535998	1@49	DFT_BPSK	22.31
DC_5A_n41A	30	20	535998	50@0	DFT_QPSK	21.45
DC_5A_n41A	30	20	535998	25@12	DFT_QPSK	22.35
DC_5A_n41A	30	20	535998	1@1	DFT_QPSK	22.44
DC_5A_n41A	30	20	535998	1@49	DFT_QPSK	22.22
DC_5A_n41A	30	20	535998	50@0	DFT_16QAM	20.42



DC_5A_n41A	30	20	535998	25@12	DFT_16QAM	21.31
DC_5A_n41A	30	20	535998	1@1	DFT_16QAM	21.24
DC_5A_n41A	30	20	535998	1@49	DFT_16QAM	21.02
DC_5A_n41A	30	20	535998	50@0	DFT_64QAM	19.94
DC_5A_n41A	30	20	535998	25@12	DFT_64QAM	19.99
DC_5A_n41A	30	20	535998	1@1	DFT_64QAM	20.19
DC_5A_n41A	30	20	535998	1@49	DFT_64QAM	19.86
DC_5A_n41A	30	20	535998	50@0	DFT_256QAM	17.84
DC_5A_n41A	30	20	535998	25@12	DFT_256QAM	17.83
DC_5A_n41A	30	20	535998	1@1	DFT_256QAM	18.09
DC_5A_n41A	30	20	535998	1@49	DFT_256QAM	17.8
DC_5A_n41A	30	20	535998	51@0	CP_QPSK	19.33
DC_5A_n41A	30	20	535998	25@12	CP_QPSK	20.83
DC_5A_n41A	30	20	535998	1@1	CP_QPSK	21.01
DC_5A_n41A	30	20	535998	1@49	CP_QPSK	20.78
DC_5A_n41A	30	30	502200	75@0	DFT_BPSK	22.11
DC_5A_n41A	30	30	502200	36@18	DFT_BPSK	22.6
DC_5A_n41A	30	30	502200	1@1	DFT_BPSK	22.7
DC_5A_n41A	30	30	502200	1@76	DFT_BPSK	22.75
DC_5A_n41A	30	30	502200	75@0	DFT_QPSK	21.71
DC_5A_n41A	30	30	502200	36@18	DFT_QPSK	22.58
DC_5A_n41A	30	30	502200	1@1	DFT_QPSK	22.46
DC_5A_n41A	30	30	502200	1@76	DFT_QPSK	22.51
DC_5A_n41A	30	30	502200	75@0	DFT_16QAM	20.7
DC_5A_n41A	30	30	502200	36@18	DFT_16QAM	21.66
DC_5A_n41A	30	30	502200	1@1	DFT_16QAM	21.28
DC_5A_n41A	30	30	502200	1@76	DFT_16QAM	21.37
DC_5A_n41A	30	30	502200	75@0	DFT_64QAM	20.2
DC_5A_n41A	30	30	502200	36@18	DFT_64QAM	20.19
DC_5A_n41A	30	30	502200	1@1	DFT_64QAM	20.05
DC_5A_n41A	30	30	502200	1@76	DFT_64QAM	20.14
DC_5A_n41A	30	30	502200	75@0	DFT_256QAM	18.1
DC_5A_n41A	30	30	502200	36@18	DFT_256QAM	18
DC_5A_n41A	30	30	502200	1@1	DFT_256QAM	18.17
DC_5A_n41A	30	30	502200	1@76	DFT_256QAM	18.19
DC_5A_n41A	30	30	502200	78@0	CP_QPSK	19.66
DC_5A_n41A	30	30	502200	39@19	CP_QPSK	21.08
DC_5A_n41A	30	30	502200	1@1	CP_QPSK	20.96
DC_5A_n41A	30	30	502200	1@76	CP_QPSK	21.08
DC_5A_n41A	30	30	518598	75@0	DFT_BPSK	21.98
DC_5A_n41A	30	30	518598	36@18	DFT_BPSK	22.57
DC_5A_n41A	30	30	518598	1@1	DFT_BPSK	22.32
DC_5A_n41A	30	30	518598	1@76	DFT_BPSK	22.37
DC_5A_n41A	30	30	518598	75@0	DFT_QPSK	21.51
DC_5A_n41A	30	30	518598	36@18	DFT_QPSK	22.51
DC_5A_n41A	30	30	518598	1@1	DFT_QPSK	22.29
DC_5A_n41A	30	30	518598	1@76	DFT_QPSK	22.32
DC_5A_n41A	30	30	518598	75@0	DFT_16QAM	20.5
DC_5A_n41A	30	30	518598	36@18	DFT_16QAM	21.58
DC_5A_n41A	30	30	518598	1@1	DFT_16QAM	21.06
DC_5A_n41A	30	30	518598	1@76	DFT_16QAM	21.1



DC_5A_n41A	30	30	518598	75@0	DFT_64QAM	20.04
DC_5A_n41A	30	30	518598	36@18	DFT_64QAM	20.07
DC_5A_n41A	30	30	518598	1@1	DFT_64QAM	19.82
DC_5A_n41A	30	30	518598	1@76	DFT_64QAM	19.92
DC_5A_n41A	30	30	518598	75@0	DFT_256QAM	17.99
DC_5A_n41A	30	30	518598	36@18	DFT_256QAM	18
DC_5A_n41A	30	30	518598	1@1	DFT_256QAM	18.04
DC_5A_n41A	30	30	518598	1@76	DFT_256QAM	18.02
DC_5A_n41A	30	30	518598	78@0	CP_QPSK	19.51
DC_5A_n41A	30	30	518598	39@19	CP_QPSK	21
DC_5A_n41A	30	30	518598	1@1	CP_QPSK	20.86
DC_5A_n41A	30	30	518598	1@76	CP_QPSK	20.84
DC_5A_n41A	30	30	534996	75@0	DFT_BPSK	22.11
DC_5A_n41A	30	30	534996	36@18	DFT_BPSK	22.6
DC_5A_n41A	30	30	534996	1@1	DFT_BPSK	22.73
DC_5A_n41A	30	30	534996	1@76	DFT_BPSK	22.43
DC_5A_n41A	30	30	534996	75@0	DFT_QPSK	21.62
DC_5A_n41A	30	30	534996	36@18	DFT_QPSK	22.66
DC_5A_n41A	30	30	534996	1@1	DFT_QPSK	22.66
DC_5A_n41A	30	30	534996	1@76	DFT_QPSK	22.34
DC_5A_n41A	30	30	534996	75@0	DFT_16QAM	20.65
DC_5A_n41A	30	30	534996	36@18	DFT_16QAM	21.65
DC_5A_n41A	30	30	534996	1@1	DFT_16QAM	21.46
DC_5A_n41A	30	30	534996	1@76	DFT_16QAM	21.16
DC_5A_n41A	30	30	534996	75@0	DFT_64QAM	20.22
DC_5A_n41A	30	30	534996	36@18	DFT_64QAM	20.23
DC_5A_n41A	30	30	534996	1@1	DFT_64QAM	20.2
DC_5A_n41A	30	30	534996	1@76	DFT_64QAM	19.94
DC_5A_n41A	30	30	534996	75@0	DFT_256QAM	18.14
DC_5A_n41A	30	30	534996	36@18	DFT_256QAM	18.12
DC_5A_n41A	30	30	534996	1@1	DFT_256QAM	18.38
DC_5A_n41A	30	30	534996	1@76	DFT_256QAM	17.96
DC_5A_n41A	30	30	534996	78@0	CP_QPSK	19.59
DC_5A_n41A	30	30	534996	39@19	CP_QPSK	21.12
DC_5A_n41A	30	30	534996	1@1	CP_QPSK	21.22
DC_5A_n41A	30	30	534996	1@76	CP_QPSK	20.91
DC_5A_n41A	30	40	503202	100@0	DFT_BPSK	22.16
DC_5A_n41A	30	40	503202	50@25	DFT_BPSK	22.6
DC_5A_n41A	30	40	503202	1@1	DFT_BPSK	22.71
DC_5A_n41A	30	40	503202	1@104	DFT_BPSK	22.61
DC_5A_n41A	30	40	503202	100@0	DFT_QPSK	21.71
DC_5A_n41A	30	40	503202	50@25	DFT_QPSK	22.62
DC_5A_n41A	30	40	503202	1@1	DFT_QPSK	22.45
DC_5A_n41A	30	40	503202	1@104	DFT_QPSK	22.39
DC_5A_n41A	30	40	503202	100@0	DFT_16QAM	20.74
DC_5A_n41A	30	40	503202	50@25	DFT_16QAM	21.66
DC_5A_n41A	30	40	503202	1@1	DFT_16QAM	21.24
DC_5A_n41A	30	40	503202	1@104	DFT_16QAM	21.22
DC_5A_n41A	30	40	503202	100@0	DFT_64QAM	20.23
DC_5A_n41A	30	40	503202	50@25	DFT_64QAM	20.2
DC_5A_n41A	30	40	503202	1@1	DFT_64QAM	20.06



DC_5A_n41A	30	40	503202	1@104	DFT_64QAM	20
DC_5A_n41A	30	40	503202	100@0	DFT_256QAM	18.11
DC_5A_n41A	30	40	503202	50@25	DFT_256QAM	18.08
DC_5A_n41A	30	40	503202	1@1	DFT_256QAM	18.17
DC_5A_n41A	30	40	503202	1@104	DFT_256QAM	18.03
DC_5A_n41A	30	40	503202	106@0	CP_QPSK	19.65
DC_5A_n41A	30	40	503202	53@26	CP_QPSK	21.01
DC_5A_n41A	30	40	503202	1@1	CP_QPSK	21.01
DC_5A_n41A	30	40	503202	1@104	CP_QPSK	21.04
DC_5A_n41A	30	40	518598	100@0	DFT_BPSK	22.04
DC_5A_n41A	30	40	518598	50@25	DFT_BPSK	22.58
DC_5A_n41A	30	40	518598	1@1	DFT_BPSK	22.34
DC_5A_n41A	30	40	518598	1@104	DFT_BPSK	22.38
DC_5A_n41A	30	40	518598	100@0	DFT_QPSK	21.53
DC_5A_n41A	30	40	518598	50@25	DFT_QPSK	22.5
DC_5A_n41A	30	40	518598	1@1	DFT_QPSK	22.28
DC_5A_n41A	30	40	518598	1@104	DFT_QPSK	22.32
DC_5A_n41A	30	40	518598	100@0	DFT_16QAM	20.5
DC_5A_n41A	30	40	518598	50@25	DFT_16QAM	21.55
DC_5A_n41A	30	40	518598	1@1	DFT_16QAM	21.06
DC_5A_n41A	30	40	518598	1@104	DFT_16QAM	21.1
DC_5A_n41A	30	40	518598	100@0	DFT_64QAM	20.08
DC_5A_n41A	30	40	518598	50@25	DFT_64QAM	20.06
DC_5A_n41A	30	40	518598	1@1	DFT_64QAM	19.9
DC_5A_n41A	30	40	518598	1@104	DFT_64QAM	19.91
DC_5A_n41A	30	40	518598	100@0	DFT_256QAM	18
DC_5A_n41A	30	40	518598	50@25	DFT_256QAM	18.01
DC_5A_n41A	30	40	518598	1@1	DFT_256QAM	17.94
DC_5A_n41A	30	40	518598	1@104	DFT_256QAM	18.03
DC_5A_n41A	30	40	518598	106@0	CP_QPSK	19.55
DC_5A_n41A	30	40	518598	53@26	CP_QPSK	21.07
DC_5A_n41A	30	40	518598	1@1	CP_QPSK	20.95
DC_5A_n41A	30	40	518598	1@104	CP_QPSK	20.94
DC_5A_n41A	30	40	534000	100@0	DFT_BPSK	22.24
DC_5A_n41A	30	40	534000	50@25	DFT_BPSK	22.81
DC_5A_n41A	30	40	534000	1@1	DFT_BPSK	22.6
DC_5A_n41A	30	40	534000	1@104	DFT_BPSK	22.5
DC_5A_n41A	30	40	534000	100@0	DFT_QPSK	21.77
DC_5A_n41A	30	40	534000	50@25	DFT_QPSK	22.79
DC_5A_n41A	30	40	534000	1@1	DFT_QPSK	22.53
DC_5A_n41A	30	40	534000	1@104	DFT_QPSK	22.39
DC_5A_n41A	30	40	534000	100@0	DFT_16QAM	20.76
DC_5A_n41A	30	40	534000	50@25	DFT_16QAM	21.81
DC_5A_n41A	30	40	534000	1@1	DFT_16QAM	21.32
DC_5A_n41A	30	40	534000	1@104	DFT_16QAM	21.18
DC_5A_n41A	30	40	534000	100@0	DFT_64QAM	20.3
DC_5A_n41A	30	40	534000	50@25	DFT_64QAM	20.39
DC_5A_n41A	30	40	534000	1@1	DFT_64QAM	20.15
DC_5A_n41A	30	40	534000	1@104	DFT_64QAM	19.98
DC_5A_n41A	30	40	534000	100@0	DFT_256QAM	18.21
DC_5A_n41A	30	40	534000	50@25	DFT_256QAM	18.33



DC_5A_n41A	30	40	534000	1@1	DFT_256QAM	18.21
DC_5A_n41A	30	40	534000	1@104	DFT_256QAM	18.02
DC_5A_n41A	30	40	534000	106@0	CP_QPSK	19.77
DC_5A_n41A	30	40	534000	53@26	CP_QPSK	21.24
DC_5A_n41A	30	40	534000	1@1	CP_QPSK	21.08
DC_5A_n41A	30	40	534000	1@104	CP_QPSK	20.91
DC_5A_n41A	30	50	504204	128@0	DFT_BPSK	22.14
DC_5A_n41A	30	50	504204	64@32	DFT_BPSK	22.74
DC_5A_n41A	30	50	504204	1@1	DFT_BPSK	22.64
DC_5A_n41A	30	50	504204	1@131	DFT_BPSK	22.45
DC_5A_n41A	30	50	504204	128@0	DFT_QPSK	21.67
DC_5A_n41A	30	50	504204	64@32	DFT_QPSK	22.79
DC_5A_n41A	30	50	504204	1@1	DFT_QPSK	22.43
DC_5A_n41A	30	50	504204	1@131	DFT_QPSK	22.33
DC_5A_n41A	30	50	504204	128@0	DFT_16QAM	20.67
DC_5A_n41A	30	50	504204	64@32	DFT_16QAM	21.74
DC_5A_n41A	30	50	504204	1@1	DFT_16QAM	21.27
DC_5A_n41A	30	50	504204	1@131	DFT_16QAM	21.15
DC_5A_n41A	30	50	504204	128@0	DFT_64QAM	20.14
DC_5A_n41A	30	50	504204	64@32	DFT_64QAM	20.33
DC_5A_n41A	30	50	504204	1@1	DFT_64QAM	19.98
DC_5A_n41A	30	50	504204	1@131	DFT_64QAM	19.94
DC_5A_n41A	30	50	504204	128@0	DFT_256QAM	18.15
DC_5A_n41A	30	50	504204	64@32	DFT_256QAM	18.17
DC_5A_n41A	30	50	504204	1@1	DFT_256QAM	18.09
DC_5A_n41A	30	50	504204	1@131	DFT_256QAM	18.24
DC_5A_n41A	30	50	504204	133@0	CP_QPSK	19.6
DC_5A_n41A	30	50	504204	67@33	CP_QPSK	21.14
DC_5A_n41A	30	50	504204	1@1	CP_QPSK	20.94
DC_5A_n41A	30	50	504204	1@131	CP_QPSK	20.87
DC_5A_n41A	30	50	518598	128@0	DFT_BPSK	22.04
DC_5A_n41A	30	50	518598	64@32	DFT_BPSK	22.54
DC_5A_n41A	30	50	518598	1@1	DFT_BPSK	22.4
DC_5A_n41A	30	50	518598	1@131	DFT_BPSK	22.43
DC_5A_n41A	30	50	518598	128@0	DFT_QPSK	21.51
DC_5A_n41A	30	50	518598	64@32	DFT_QPSK	22.57
DC_5A_n41A	30	50	518598	1@1	DFT_QPSK	22.33
DC_5A_n41A	30	50	518598	1@131	DFT_QPSK	22.39
DC_5A_n41A	30	50	518598	128@0	DFT_16QAM	20.63
DC_5A_n41A	30	50	518598	64@32	DFT_16QAM	21.52
DC_5A_n41A	30	50	518598	1@1	DFT_16QAM	21.17
DC_5A_n41A	30	50	518598	1@131	DFT_16QAM	21.24
DC_5A_n41A	30	50	518598	128@0	DFT_64QAM	20.06
DC_5A_n41A	30	50	518598	64@32	DFT_64QAM	20.08
DC_5A_n41A	30	50	518598	1@1	DFT_64QAM	19.86
DC_5A_n41A	30	50	518598	1@131	DFT_64QAM	19.9
DC_5A_n41A	30	50	518598	128@0	DFT_256QAM	18.05
DC_5A_n41A	30	50	518598	64@32	DFT_256QAM	18.04
DC_5A_n41A	30	50	518598	1@1	DFT_256QAM	17.91
DC_5A_n41A	30	50	518598	1@131	DFT_256QAM	18
DC_5A_n41A	30	50	518598	133@0	CP_QPSK	19.48



DC_5A_n41A	30	50	518598	67@33	CP_QPSK	21.01
DC_5A_n41A	30	50	518598	1@1	CP_QPSK	20.94
DC_5A_n41A	30	50	518598	1@131	CP_QPSK	20.95
DC_5A_n41A	30	50	532998	128@0	DFT_BPSK	22.16
DC_5A_n41A	30	50	532998	64@32	DFT_BPSK	22.88
DC_5A_n41A	30	50	532998	1@1	DFT_BPSK	22.59
DC_5A_n41A	30	50	532998	1@131	DFT_BPSK	22.42
DC_5A_n41A	30	50	532998	128@0	DFT_QPSK	21.7
DC_5A_n41A	30	50	532998	64@32	DFT_QPSK	22.91
DC_5A_n41A	30	50	532998	1@1	DFT_QPSK	22.47
DC_5A_n41A	30	50	532998	1@131	DFT_QPSK	22.35
DC_5A_n41A	30	50	532998	128@0	DFT_16QAM	20.75
DC_5A_n41A	30	50	532998	64@32	DFT_16QAM	21.8
DC_5A_n41A	30	50	532998	1@1	DFT_16QAM	21.3
DC_5A_n41A	30	50	532998	1@131	DFT_16QAM	21.19
DC_5A_n41A	30	50	532998	128@0	DFT_64QAM	20.25
DC_5A_n41A	30	50	532998	64@32	DFT_64QAM	20.39
DC_5A_n41A	30	50	532998	1@1	DFT_64QAM	20.02
DC_5A_n41A	30	50	532998	1@131	DFT_64QAM	19.95
DC_5A_n41A	30	50	532998	128@0	DFT_256QAM	18.26
DC_5A_n41A	30	50	532998	64@32	DFT_256QAM	18.38
DC_5A_n41A	30	50	532998	1@1	DFT_256QAM	18.15
DC_5A_n41A	30	50	532998	1@131	DFT_256QAM	18
DC_5A_n41A	30	50	532998	133@0	CP_QPSK	19.63
DC_5A_n41A	30	50	532998	67@33	CP_QPSK	21.27
DC_5A_n41A	30	50	532998	1@1	CP_QPSK	21.02
DC_5A_n41A	30	50	532998	1@131	CP_QPSK	20.97
DC_5A_n41A	30	60	505200	162@0	DFT_BPSK	22.11
DC_5A_n41A	30	60	505200	81@40	DFT_BPSK	22.66
DC_5A_n41A	30	60	505200	1@1	DFT_BPSK	22.64
DC_5A_n41A	30	60	505200	1@160	DFT_BPSK	22.5
DC_5A_n41A	30	60	505200	162@0	DFT_QPSK	21.62
DC_5A_n41A	30	60	505200	81@40	DFT_QPSK	22.69
DC_5A_n41A	30	60	505200	1@1	DFT_QPSK	22.39
DC_5A_n41A	30	60	505200	1@160	DFT_QPSK	22.41
DC_5A_n41A	30	60	505200	162@0	DFT_16QAM	20.66
DC_5A_n41A	30	60	505200	81@40	DFT_16QAM	21.72
DC_5A_n41A	30	60	505200	1@1	DFT_16QAM	21.22
DC_5A_n41A	30	60	505200	1@160	DFT_16QAM	21.26
DC_5A_n41A	30	60	505200	162@0	DFT_64QAM	20.17
DC_5A_n41A	30	60	505200	81@40	DFT_64QAM	20.27
DC_5A_n41A	30	60	505200	1@1	DFT_64QAM	20.07
DC_5A_n41A	30	60	505200	1@160	DFT_64QAM	20.05
DC_5A_n41A	30	60	505200	162@0	DFT_256QAM	18.06
DC_5A_n41A	30	60	505200	81@40	DFT_256QAM	18.12
DC_5A_n41A	30	60	505200	1@1	DFT_256QAM	18.16
DC_5A_n41A	30	60	505200	1@160	DFT_256QAM	18.02
DC_5A_n41A	30	60	505200	162@0	CP_QPSK	19.66
DC_5A_n41A	30	60	505200	81@40	CP_QPSK	21.2
DC_5A_n41A	30	60	505200	1@1	CP_QPSK	20.91
DC_5A_n41A	30	60	505200	1@160	CP_QPSK	20.96



DC_5A_n41A	30	60	518598	162@0	DFT_BPSK	22.06
DC_5A_n41A	30	60	518598	81@40	DFT_BPSK	22.51
DC_5A_n41A	30	60	518598	1@1	DFT_BPSK	22.51
DC_5A_n41A	30	60	518598	1@160	DFT_BPSK	22.64
DC_5A_n41A	30	60	518598	162@0	DFT_QPSK	21.56
DC_5A_n41A	30	60	518598	81@40	DFT_QPSK	22.52
DC_5A_n41A	30	60	518598	1@1	DFT_QPSK	22.42
DC_5A_n41A	30	60	518598	1@160	DFT_QPSK	22.54
DC_5A_n41A	30	60	518598	162@0	DFT_16QAM	20.5
DC_5A_n41A	30	60	518598	81@40	DFT_16QAM	21.59
DC_5A_n41A	30	60	518598	1@1	DFT_16QAM	21.25
DC_5A_n41A	30	60	518598	1@160	DFT_16QAM	21.39
DC_5A_n41A	30	60	518598	162@0	DFT_64QAM	20.03
DC_5A_n41A	30	60	518598	81@40	DFT_64QAM	20.05
DC_5A_n41A	30	60	518598	1@1	DFT_64QAM	19.97
DC_5A_n41A	30	60	518598	1@160	DFT_64QAM	20.05
DC_5A_n41A	30	60	518598	162@0	DFT_256QAM	18.02
DC_5A_n41A	30	60	518598	81@40	DFT_256QAM	18.01
DC_5A_n41A	30	60	518598	1@1	DFT_256QAM	18
DC_5A_n41A	30	60	518598	1@160	DFT_256QAM	18.25
DC_5A_n41A	30	60	518598	162@0	CP_QPSK	19.55
DC_5A_n41A	30	60	518598	81@40	CP_QPSK	20.99
DC_5A_n41A	30	60	518598	1@1	CP_QPSK	21.04
DC_5A_n41A	30	60	518598	1@160	CP_QPSK	21.1
DC_5A_n41A	30	60	531996	162@0	DFT_BPSK	22.15
DC_5A_n41A	30	60	531996	81@40	DFT_BPSK	22.79
DC_5A_n41A	30	60	531996	1@1	DFT_BPSK	22.7
DC_5A_n41A	30	60	531996	1@160	DFT_BPSK	22.47
DC_5A_n41A	30	60	531996	162@0	DFT_QPSK	21.65
DC_5A_n41A	30	60	531996	81@40	DFT_QPSK	22.79
DC_5A_n41A	30	60	531996	1@1	DFT_QPSK	22.59
DC_5A_n41A	30	60	531996	1@160	DFT_QPSK	22.4
DC_5A_n41A	30	60	531996	162@0	DFT_16QAM	20.72
DC_5A_n41A	30	60	531996	81@40	DFT_16QAM	21.82
DC_5A_n41A	30	60	531996	1@1	DFT_16QAM	21.4
DC_5A_n41A	30	60	531996	1@160	DFT_16QAM	21.26
DC_5A_n41A	30	60	531996	162@0	DFT_64QAM	20.27
DC_5A_n41A	30	60	531996	81@40	DFT_64QAM	20.41
DC_5A_n41A	30	60	531996	1@1	DFT_64QAM	20.15
DC_5A_n41A	30	60	531996	1@160	DFT_64QAM	19.95
DC_5A_n41A	30	60	531996	162@0	DFT_256QAM	18.25
DC_5A_n41A	30	60	531996	81@40	DFT_256QAM	18.33
DC_5A_n41A	30	60	531996	1@1	DFT_256QAM	18.32
DC_5A_n41A	30	60	531996	1@160	DFT_256QAM	18
DC_5A_n41A	30	60	531996	162@0	CP_QPSK	19.68
DC_5A_n41A	30	60	531996	81@40	CP_QPSK	21.34
DC_5A_n41A	30	60	531996	1@1	CP_QPSK	21.16
DC_5A_n41A	30	60	531996	1@160	CP_QPSK	20.91
DC_5A_n41A	30	80	507204	216@0	DFT_BPSK	22.13
DC_5A_n41A	30	80	507204	108@54	DFT_BPSK	22.68
DC_5A_n41A	30	80	507204	1@1	DFT_BPSK	22.79



DC_5A_n41A	30	80	507204	1@215	DFT_BPSK	22.48
DC_5A_n41A	30	80	507204	216@0	DFT_QPSK	21.64
DC_5A_n41A	30	80	507204	108@54	DFT_QPSK	22.73
DC_5A_n41A	30	80	507204	1@1	DFT_QPSK	22.53
DC_5A_n41A	30	80	507204	1@215	DFT_QPSK	22.42
DC_5A_n41A	30	80	507204	216@0	DFT_16QAM	20.68
DC_5A_n41A	30	80	507204	108@54	DFT_16QAM	21.76
DC_5A_n41A	30	80	507204	1@1	DFT_16QAM	21.46
DC_5A_n41A	30	80	507204	1@215	DFT_16QAM	21.24
DC_5A_n41A	30	80	507204	216@0	DFT_64QAM	20.22
DC_5A_n41A	30	80	507204	108@54	DFT_64QAM	20.25
DC_5A_n41A	30	80	507204	1@1	DFT_64QAM	20.33
DC_5A_n41A	30	80	507204	1@215	DFT_64QAM	20.1
DC_5A_n41A	30	80	507204	216@0	DFT_256QAM	18.12
DC_5A_n41A	30	80	507204	108@54	DFT_256QAM	18.19
DC_5A_n41A	30	80	507204	1@1	DFT_256QAM	18.2
DC_5A_n41A	30	80	507204	1@215	DFT_256QAM	17.99
DC_5A_n41A	30	80	507204	217@0	CP_QPSK	19.6
DC_5A_n41A	30	80	507204	109@54	CP_QPSK	21.12
DC_5A_n41A	30	80	507204	1@1	CP_QPSK	21.12
DC_5A_n41A	30	80	507204	1@215	CP_QPSK	21.02
DC_5A_n41A	30	80	518598	216@0	DFT_BPSK	22.2
DC_5A_n41A	30	80	518598	108@54	DFT_BPSK	22.61
DC_5A_n41A	30	80	518598	1@1	DFT_BPSK	22.52
DC_5A_n41A	30	80	518598	1@215	DFT_BPSK	22.84
DC_5A_n41A	30	80	518598	216@0	DFT_QPSK	21.66
DC_5A_n41A	30	80	518598	108@54	DFT_QPSK	22.55
DC_5A_n41A	30	80	518598	1@1	DFT_QPSK	22.44
DC_5A_n41A	30	80	518598	1@215	DFT_QPSK	22.76
DC_5A_n41A	30	80	518598	216@0	DFT_16QAM	20.63
DC_5A_n41A	30	80	518598	108@54	DFT_16QAM	21.61
DC_5A_n41A	30	80	518598	1@1	DFT_16QAM	21.24
DC_5A_n41A	30	80	518598	1@215	DFT_16QAM	21.59
DC_5A_n41A	30	80	518598	216@0	DFT_64QAM	20.12
DC_5A_n41A	30	80	518598	108@54	DFT_64QAM	20.14
DC_5A_n41A	30	80	518598	1@1	DFT_64QAM	20.05
DC_5A_n41A	30	80	518598	1@215	DFT_64QAM	20.38
DC_5A_n41A	30	80	518598	216@0	DFT_256QAM	18.14
DC_5A_n41A	30	80	518598	108@54	DFT_256QAM	18.09
DC_5A_n41A	30	80	518598	1@1	DFT_256QAM	18
DC_5A_n41A	30	80	518598	1@215	DFT_256QAM	18.44
DC_5A_n41A	30	80	518598	217@0	CP_QPSK	19.62
DC_5A_n41A	30	80	518598	109@54	CP_QPSK	21.03
DC_5A_n41A	30	80	518598	1@1	CP_QPSK	21.08
DC_5A_n41A	30	80	518598	1@215	CP_QPSK	21.28
DC_5A_n41A	30	80	529998	216@0	DFT_BPSK	22.17
DC_5A_n41A	30	80	529998	108@54	DFT_BPSK	22.91
DC_5A_n41A	30	80	529998	1@1	DFT_BPSK	22.37
DC_5A_n41A	30	80	529998	1@215	DFT_BPSK	22.56
DC_5A_n41A	30	80	529998	216@0	DFT_QPSK	21.72
DC_5A_n41A	30	80	529998	108@54	DFT_QPSK	22.95



DC_5A_n41A	30	80	529998	1@1	DFT_QPSK	22.32
DC_5A_n41A	30	80	529998	1@215	DFT_QPSK	22.49
DC_5A_n41A	30	80	529998	216@0	DFT_16QAM	20.76
DC_5A_n41A	30	80	529998	108@54	DFT_16QAM	22
DC_5A_n41A	30	80	529998	1@1	DFT_16QAM	21.18
DC_5A_n41A	30	80	529998	1@215	DFT_16QAM	21.3
DC_5A_n41A	30	80	529998	216@0	DFT_64QAM	20.3
DC_5A_n41A	30	80	529998	108@54	DFT_64QAM	20.45
DC_5A_n41A	30	80	529998	1@1	DFT_64QAM	19.9
DC_5A_n41A	30	80	529998	1@215	DFT_64QAM	20.17
DC_5A_n41A	30	80	529998	216@0	DFT_256QAM	18.27
DC_5A_n41A	30	80	529998	108@54	DFT_256QAM	18.4
DC_5A_n41A	30	80	529998	1@1	DFT_256QAM	18.03
DC_5A_n41A	30	80	529998	1@215	DFT_256QAM	18.08
DC_5A_n41A	30	80	529998	217@0	CP_QPSK	19.73
DC_5A_n41A	30	80	529998	109@54	CP_QPSK	21.38
DC_5A_n41A	30	80	529998	1@1	CP_QPSK	20.92
DC_5A_n41A	30	80	529998	1@215	CP_QPSK	21.06
DC_5A_n41A	30	90	508200	243@0	DFT_BPSK	22.19
DC_5A_n41A	30	90	508200	120@60	DFT_BPSK	22.76
DC_5A_n41A	30	90	508200	1@1	DFT_BPSK	22.82
DC_5A_n41A	30	90	508200	1@243	DFT_BPSK	22.49
DC_5A_n41A	30	90	508200	243@0	DFT_QPSK	21.71
DC_5A_n41A	30	90	508200	120@60	DFT_QPSK	22.77
DC_5A_n41A	30	90	508200	1@1	DFT_QPSK	22.55
DC_5A_n41A	30	90	508200	1@243	DFT_QPSK	22.46
DC_5A_n41A	30	90	508200	243@0	DFT_16QAM	20.73
DC_5A_n41A	30	90	508200	120@60	DFT_16QAM	21.8
DC_5A_n41A	30	90	508200	1@1	DFT_16QAM	21.52
DC_5A_n41A	30	90	508200	1@243	DFT_16QAM	21.28
DC_5A_n41A	30	90	508200	243@0	DFT_64QAM	20.22
DC_5A_n41A	30	90	508200	120@60	DFT_64QAM	20.26
DC_5A_n41A	30	90	508200	1@1	DFT_64QAM	20.24
DC_5A_n41A	30	90	508200	1@243	DFT_64QAM	20.11
DC_5A_n41A	30	90	508200	243@0	DFT_256QAM	18.17
DC_5A_n41A	30	90	508200	120@60	DFT_256QAM	18.25
DC_5A_n41A	30	90	508200	1@1	DFT_256QAM	18.25
DC_5A_n41A	30	90	508200	1@243	DFT_256QAM	18.07
DC_5A_n41A	30	90	508200	245@0	CP_QPSK	19.64
DC_5A_n41A	30	90	508200	123@61	CP_QPSK	21.2
DC_5A_n41A	30	90	508200	1@1	CP_QPSK	21.19
DC_5A_n41A	30	90	508200	1@243	CP_QPSK	21.07
DC_5A_n41A	30	90	518598	243@0	DFT_BPSK	22.15
DC_5A_n41A	30	90	518598	120@60	DFT_BPSK	22.6
DC_5A_n41A	30	90	518598	1@1	DFT_BPSK	22.49
DC_5A_n41A	30	90	518598	1@243	DFT_BPSK	22.78
DC_5A_n41A	30	90	518598	243@0	DFT_QPSK	21.7
DC_5A_n41A	30	90	518598	120@60	DFT_QPSK	22.62
DC_5A_n41A	30	90	518598	1@1	DFT_QPSK	22.37
DC_5A_n41A	30	90	518598	1@243	DFT_QPSK	22.69
DC_5A_n41A	30	90	518598	243@0	DFT_16QAM	20.72



DC_5A_n41A	30	90	518598	120@60	DFT_16QAM	21.63
DC_5A_n41A	30	90	518598	1@1	DFT_16QAM	21.14
DC_5A_n41A	30	90	518598	1@243	DFT_16QAM	21.55
DC_5A_n41A	30	90	518598	243@0	DFT_64QAM	20.25
DC_5A_n41A	30	90	518598	120@60	DFT_64QAM	20.16
DC_5A_n41A	30	90	518598	1@1	DFT_64QAM	20.05
DC_5A_n41A	30	90	518598	1@243	DFT_64QAM	20.39
DC_5A_n41A	30	90	518598	243@0	DFT_256QAM	18.19
DC_5A_n41A	30	90	518598	120@60	DFT_256QAM	18.08
DC_5A_n41A	30	90	518598	1@1	DFT_256QAM	17.98
DC_5A_n41A	30	90	518598	1@243	DFT_256QAM	18.36
DC_5A_n41A	30	90	518598	245@0	CP_QPSK	19.66
DC_5A_n41A	30	90	518598	123@61	CP_QPSK	21.06
DC_5A_n41A	30	90	518598	1@1	CP_QPSK	21.1
DC_5A_n41A	30	90	518598	1@243	CP_QPSK	21.41
DC_5A_n41A	30	90	528996	243@0	DFT_BPSK	22.13
DC_5A_n41A	30	90	528996	120@60	DFT_BPSK	22.94
DC_5A_n41A	30	90	528996	1@1	DFT_BPSK	22.39
DC_5A_n41A	30	90	528996	1@243	DFT_BPSK	22.55
DC_5A_n41A	30	90	528996	243@0	DFT_QPSK	21.69
DC_5A_n41A	30	90	528996	120@60	DFT_QPSK	22.95
DC_5A_n41A	30	90	528996	1@1	DFT_QPSK	22.35
DC_5A_n41A	30	90	528996	1@243	DFT_QPSK	22.48
DC_5A_n41A	30	90	528996	243@0	DFT_16QAM	20.76
DC_5A_n41A	30	90	528996	120@60	DFT_16QAM	21.94
DC_5A_n41A	30	90	528996	1@1	DFT_16QAM	21.13
DC_5A_n41A	30	90	528996	1@243	DFT_16QAM	21.31
DC_5A_n41A	30	90	528996	243@0	DFT_64QAM	20.16
DC_5A_n41A	30	90	528996	120@60	DFT_64QAM	20.37
DC_5A_n41A	30	90	528996	1@1	DFT_64QAM	19.99
DC_5A_n41A	30	90	528996	1@243	DFT_64QAM	20.25
DC_5A_n41A	30	90	528996	243@0	DFT_256QAM	18.24
DC_5A_n41A	30	90	528996	120@60	DFT_256QAM	18.42
DC_5A_n41A	30	90	528996	1@1	DFT_256QAM	18
DC_5A_n41A	30	90	528996	1@243	DFT_256QAM	18
DC_5A_n41A	30	90	528996	245@0	CP_QPSK	19.69
DC_5A_n41A	30	90	528996	123@61	CP_QPSK	21.32
DC_5A_n41A	30	90	528996	1@1	CP_QPSK	21
DC_5A_n41A	30	90	528996	1@243	CP_QPSK	21.11
DC_5A_n41A	30	100	509202	270@0	DFT_BPSK	22.15
DC_5A_n41A	30	100	509202	135@67	DFT_BPSK	22.73
DC_5A_n41A	30	100	509202	1@1	DFT_BPSK	22.78
DC_5A_n41A	30	100	509202	1@271	DFT_BPSK	22.54
DC_5A_n41A	30	100	509202	270@0	DFT_QPSK	21.67
DC_5A_n41A	30	100	509202	135@67	DFT_QPSK	22.74
DC_5A_n41A	30	100	509202	1@1	DFT_QPSK	22.54
DC_5A_n41A	30	100	509202	1@271	DFT_QPSK	22.5
DC_5A_n41A	30	100	509202	270@0	DFT_16QAM	20.76
DC_5A_n41A	30	100	509202	135@67	DFT_16QAM	21.78
DC_5A_n41A	30	100	509202	1@1	DFT_16QAM	21.45
DC_5A_n41A	30	100	509202	1@271	DFT_16QAM	21.42



DC_5A_n41A	30	100	509202	270@0	DFT_64QAM	20.26
DC_5A_n41A	30	100	509202	135@67	DFT_64QAM	20.3
DC_5A_n41A	30	100	509202	1@1	DFT_64QAM	20.26
DC_5A_n41A	30	100	509202	1@271	DFT_64QAM	20.06
DC_5A_n41A	30	100	509202	270@0	DFT_256QAM	18.14
DC_5A_n41A	30	100	509202	135@67	DFT_256QAM	18.25
DC_5A_n41A	30	100	509202	1@1	DFT_256QAM	18.22
DC_5A_n41A	30	100	509202	1@271	DFT_256QAM	18.06
DC_5A_n41A	30	100	509202	273@0	CP_QPSK	19.64
DC_5A_n41A	30	100	509202	137@68	CP_QPSK	21.13
DC_5A_n41A	30	100	509202	1@1	CP_QPSK	21.09
DC_5A_n41A	30	100	509202	1@271	CP_QPSK	21.09
DC_5A_n41A	30	100	518598	270@0	DFT_BPSK	22.22
DC_5A_n41A	30	100	518598	135@67	DFT_BPSK	22.57
DC_5A_n41A	30	100	518598	1@1	DFT_BPSK	22.46
DC_5A_n41A	30	100	518598	1@271	DFT_BPSK	22.79
DC_5A_n41A	30	100	518598	270@0	DFT_QPSK	21.69
DC_5A_n41A	30	100	518598	135@67	DFT_QPSK	22.55
DC_5A_n41A	30	100	518598	1@1	DFT_QPSK	22.34
DC_5A_n41A	30	100	518598	1@271	DFT_QPSK	22.66
DC_5A_n41A	30	100	518598	270@0	DFT_16QAM	20.64
DC_5A_n41A	30	100	518598	135@67	DFT_16QAM	21.57
DC_5A_n41A	30	100	518598	1@1	DFT_16QAM	21.2
DC_5A_n41A	30	100	518598	1@271	DFT_16QAM	21.53
DC_5A_n41A	30	100	518598	270@0	DFT_64QAM	20.26
DC_5A_n41A	30	100	518598	135@67	DFT_64QAM	20.12
DC_5A_n41A	30	100	518598	1@1	DFT_64QAM	20.04
DC_5A_n41A	30	100	518598	1@271	DFT_64QAM	20.46
DC_5A_n41A	30	100	518598	270@0	DFT_256QAM	18.19
DC_5A_n41A	30	100	518598	135@67	DFT_256QAM	18.1
DC_5A_n41A	30	100	518598	1@1	DFT_256QAM	17.97
DC_5A_n41A	30	100	518598	1@271	DFT_256QAM	18.24
DC_5A_n41A	30	100	518598	273@0	CP_QPSK	19.71
DC_5A_n41A	30	100	518598	137@68	CP_QPSK	21.03
DC_5A_n41A	30	100	518598	1@1	CP_QPSK	21.07
DC_5A_n41A	30	100	518598	1@271	CP_QPSK	21.36
DC_5A_n41A	30	100	528000	270@0	DFT_BPSK	22.16
DC_5A_n41A	30	100	528000	135@67	DFT_BPSK	22.82
DC_5A_n41A	30	100	528000	1@1	DFT_BPSK	22.48
DC_5A_n41A	30	100	528000	1@271	DFT_BPSK	22.47
DC_5A_n41A	30	100	528000	270@0	DFT_QPSK	21.69
DC_5A_n41A	30	100	528000	135@67	DFT_QPSK	22.85
DC_5A_n41A	30	100	528000	1@1	DFT_QPSK	22.4
DC_5A_n41A	30	100	528000	1@271	DFT_QPSK	22.4
DC_5A_n41A	30	100	528000	270@0	DFT_16QAM	20.68
DC_5A_n41A	30	100	528000	135@67	DFT_16QAM	21.88
DC_5A_n41A	30	100	528000	1@1	DFT_16QAM	21.28
DC_5A_n41A	30	100	528000	1@271	DFT_16QAM	21.23
DC_5A_n41A	30	100	528000	270@0	DFT_64QAM	20.16
DC_5A_n41A	30	100	528000	135@67	DFT_64QAM	20.42
DC_5A_n41A	30	100	528000	1@1	DFT_64QAM	20.16



DC_5A_n41A	30	100	528000	1@271	DFT_64QAM	20.11
DC_5A_n41A	30	100	528000	270@0	DFT_256QAM	18.18
DC_5A_n41A	30	100	528000	135@67	DFT_256QAM	18.39
DC_5A_n41A	30	100	528000	1@1	DFT_256QAM	18
DC_5A_n41A	30	100	528000	1@271	DFT_256QAM	17.97
DC_5A_n41A	30	100	528000	273@0	CP_QPSK	19.64
DC_5A_n41A	30	100	528000	137@68	CP_QPSK	21.34
DC_5A_n41A	30	100	528000	1@1	CP_QPSK	20.97
DC_5A_n41A	30	100	528000	1@271	CP_QPSK	20.99



11. EUT and Test Setup Photo

11.1 EUT Photos

Front side

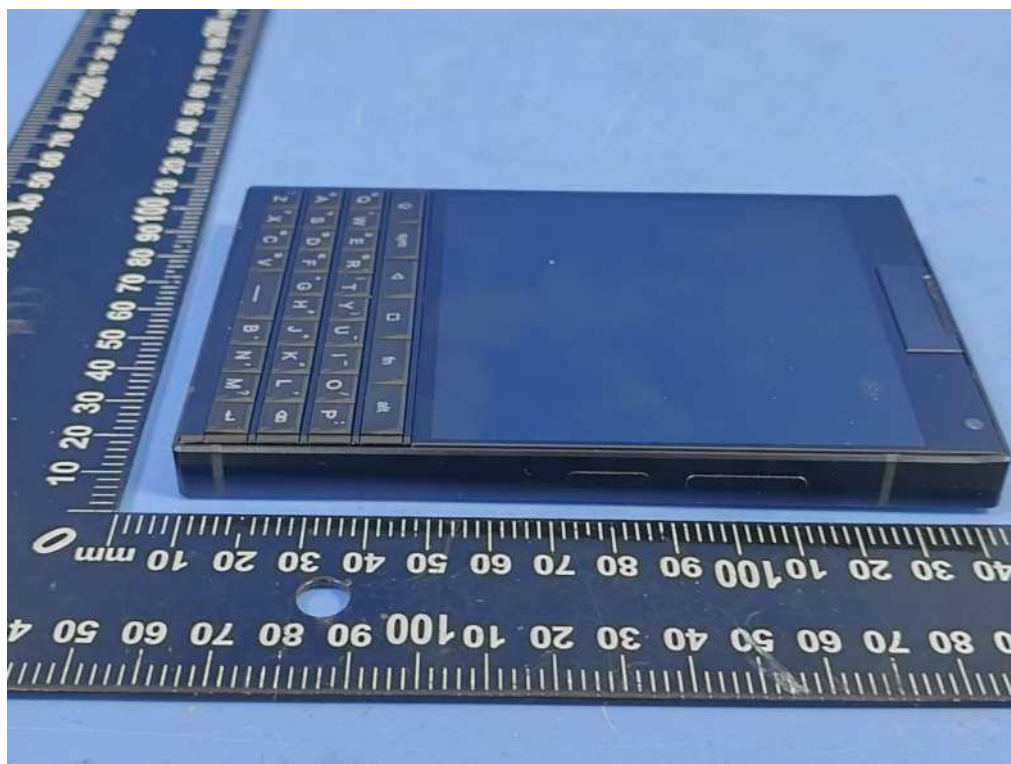


Back side





Right Edge

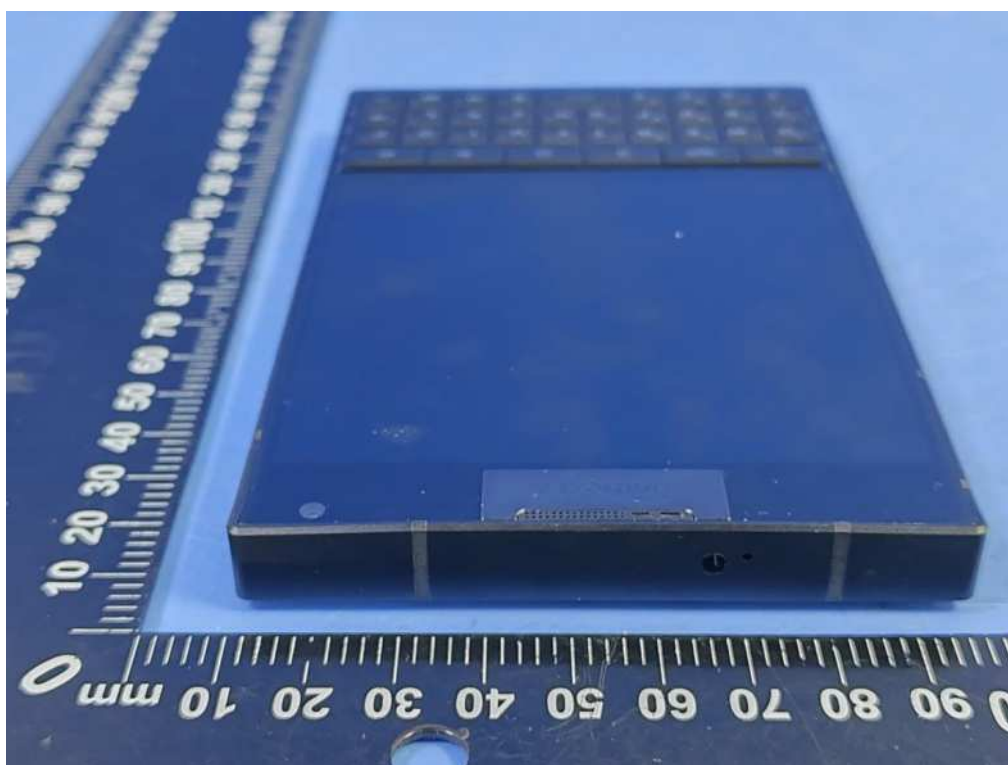


Left Edge





Top Edge



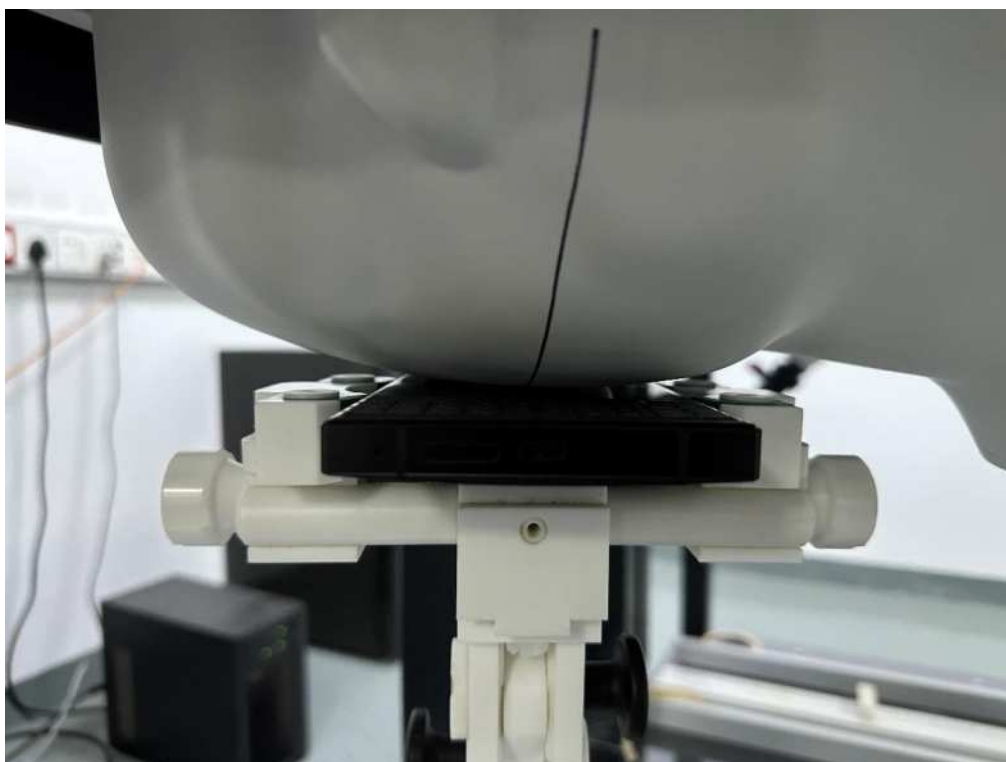
Bottom Edge



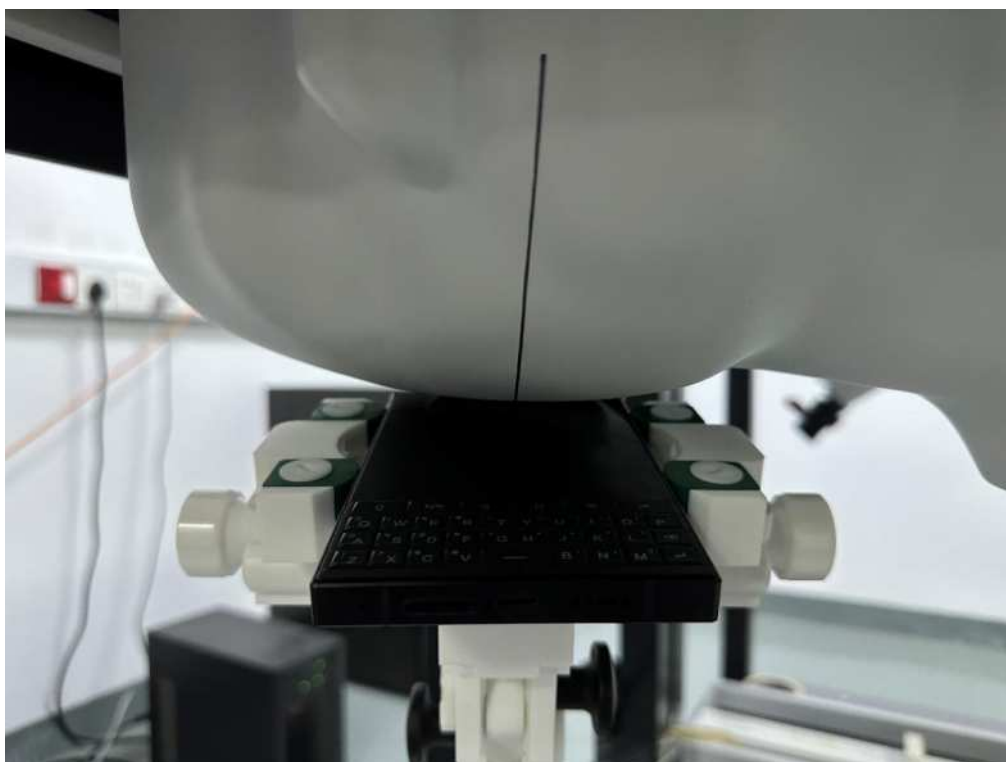


11.2 Setup Photos

Right Touch

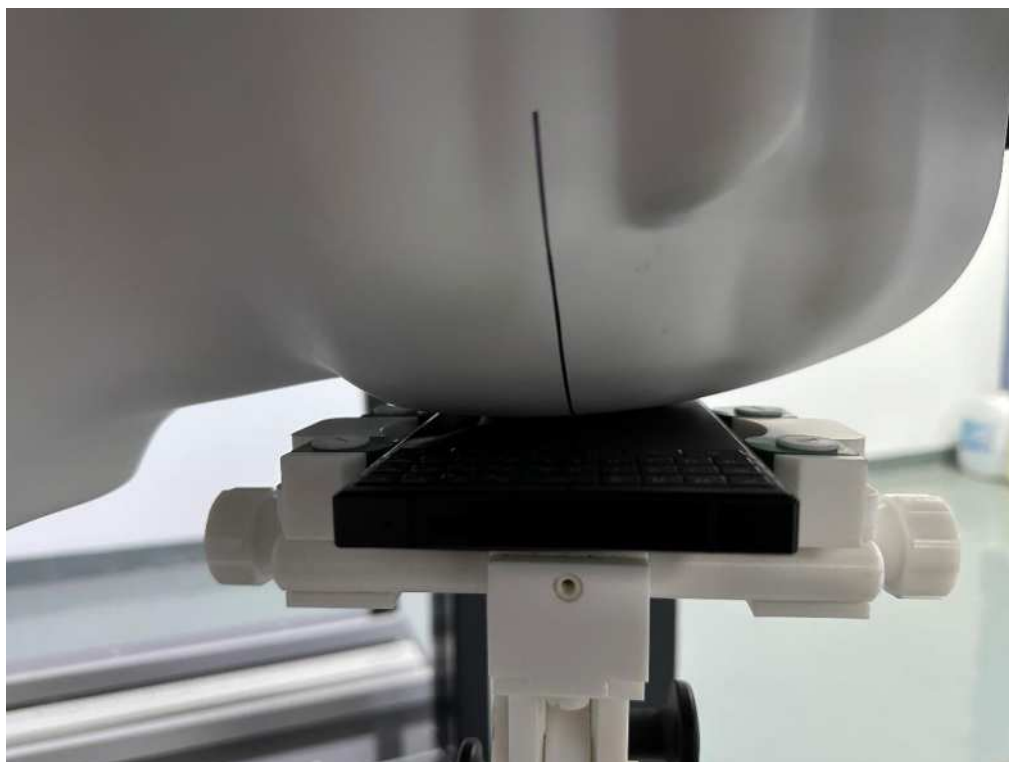


Right Tilt

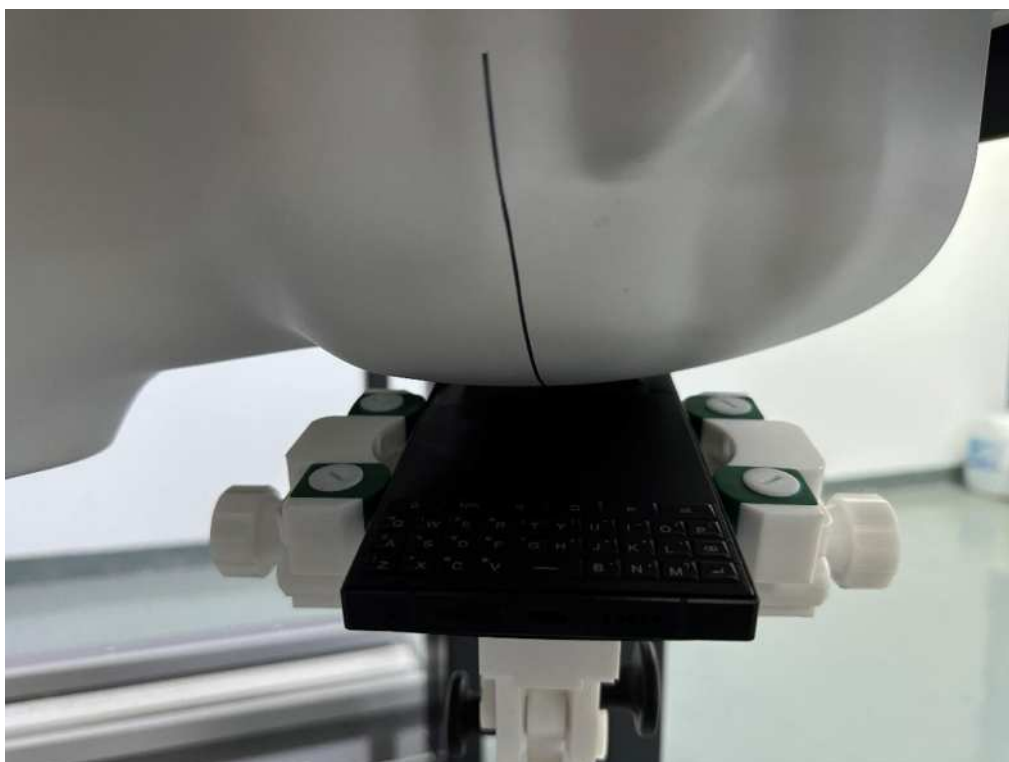




Left Touch

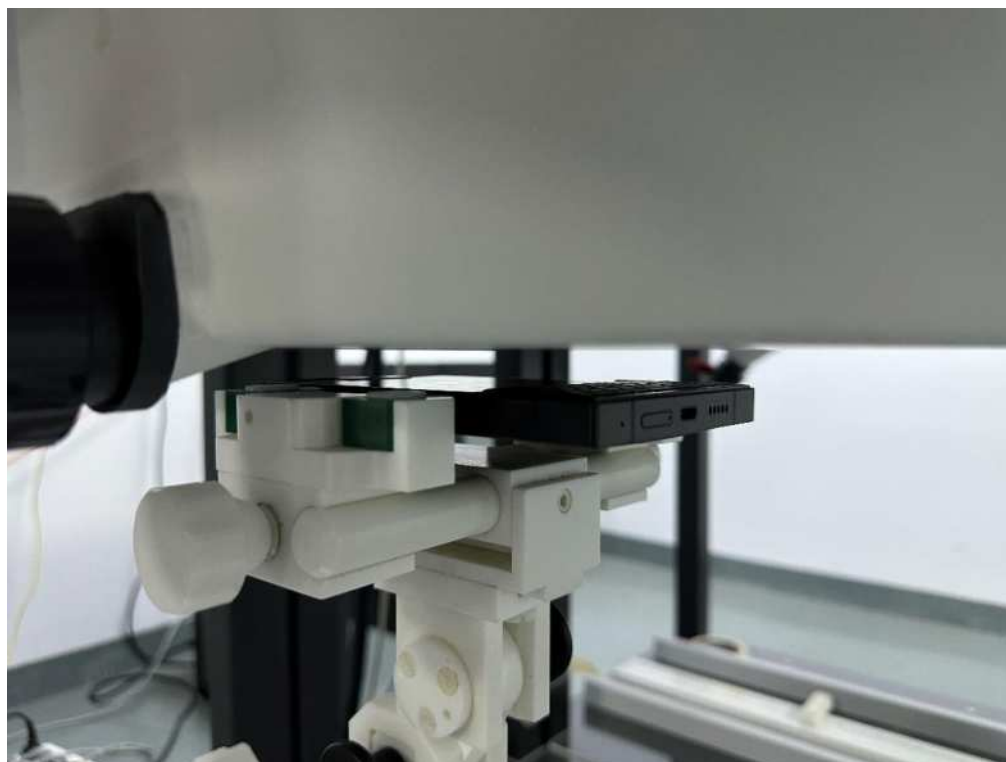


Left Tilt

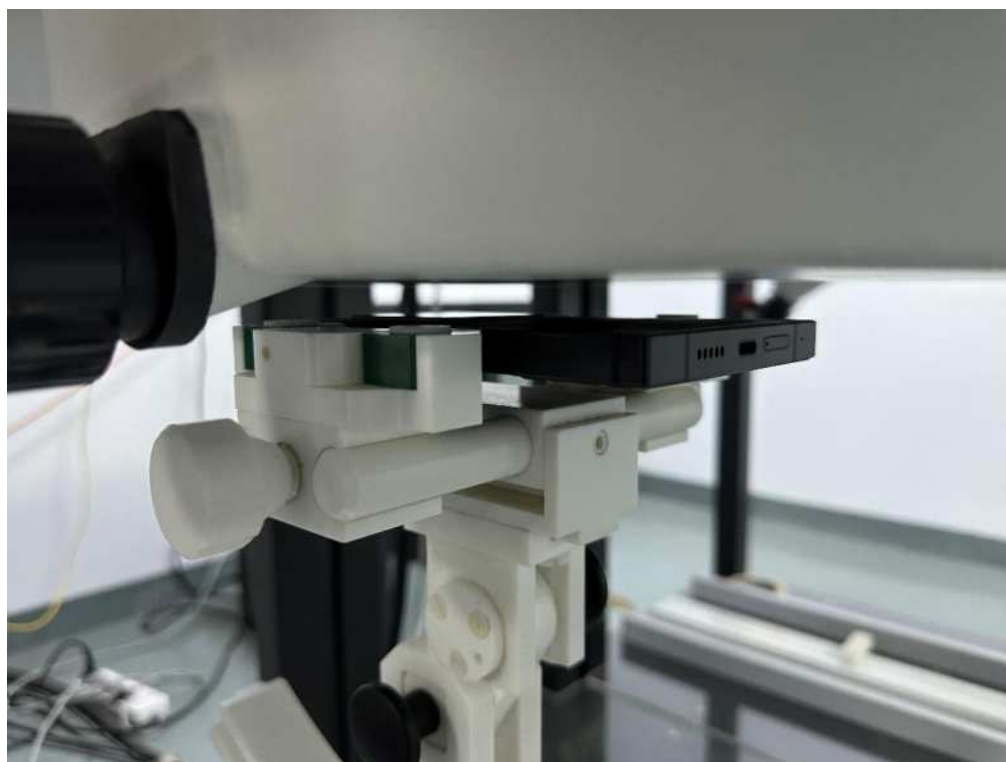




Body Front side (separation distance is 10mm)

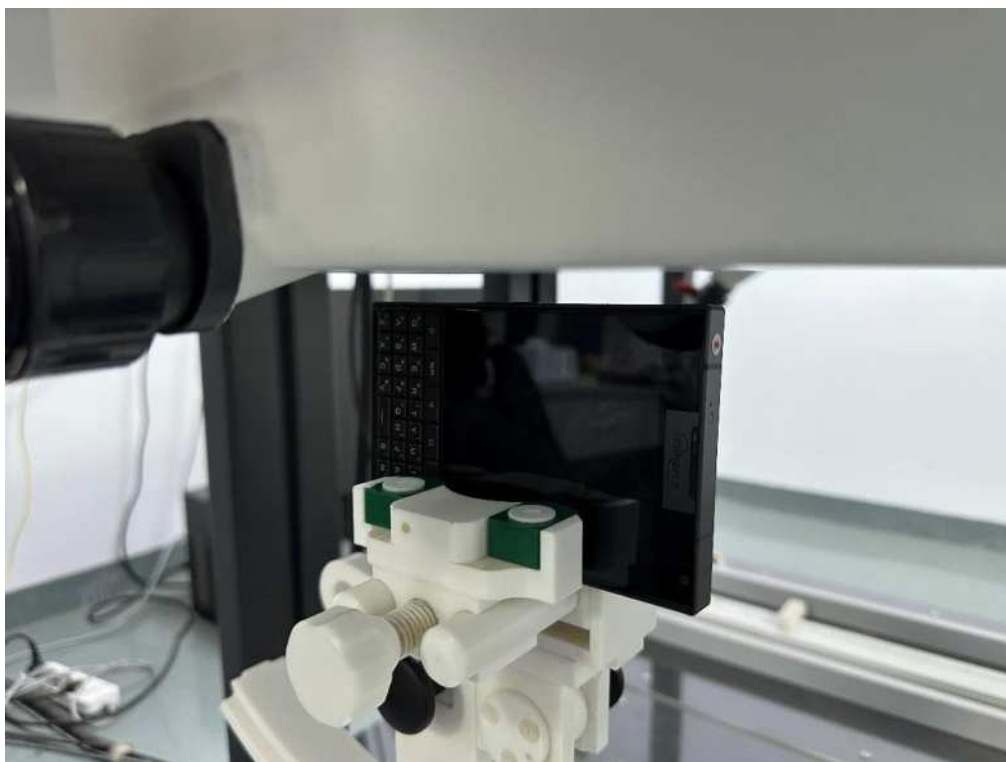


Body Back side (separation distance 10mm)

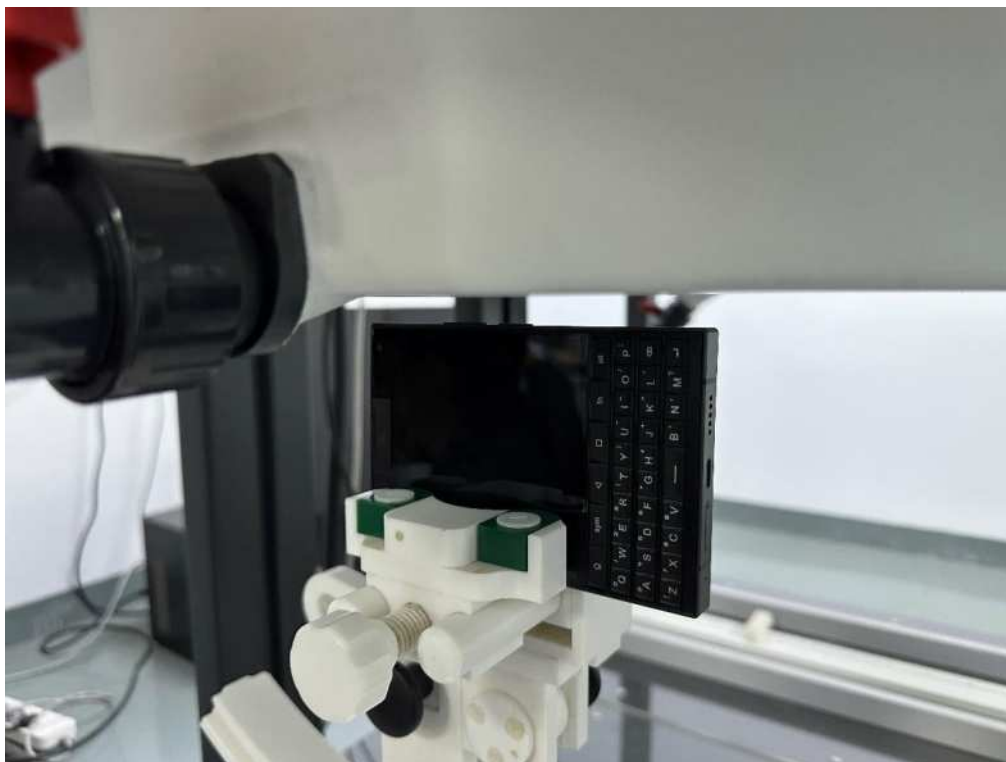




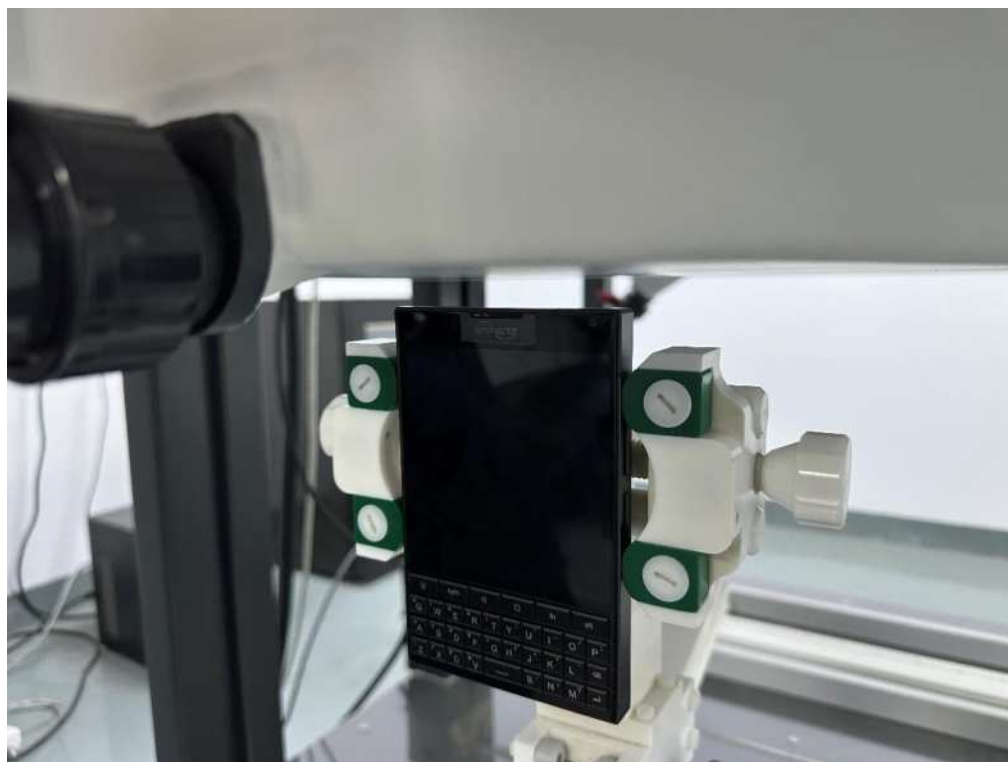
Body Left side (separation distance is 10mm)



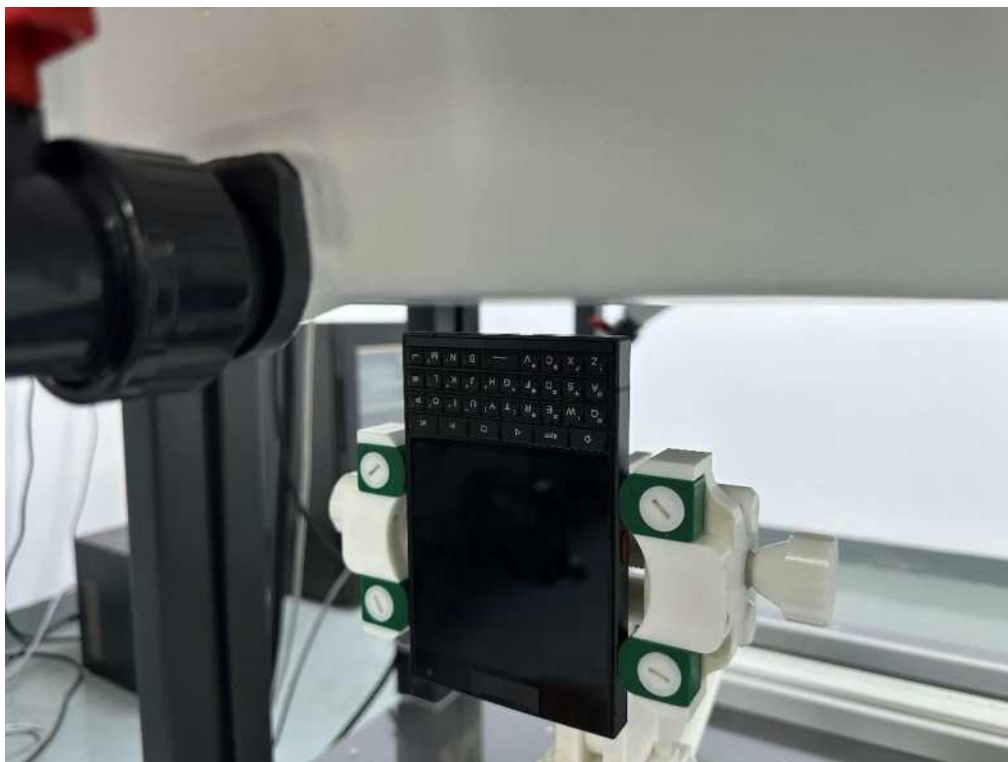
Body Right side (separation distance is 10mm)



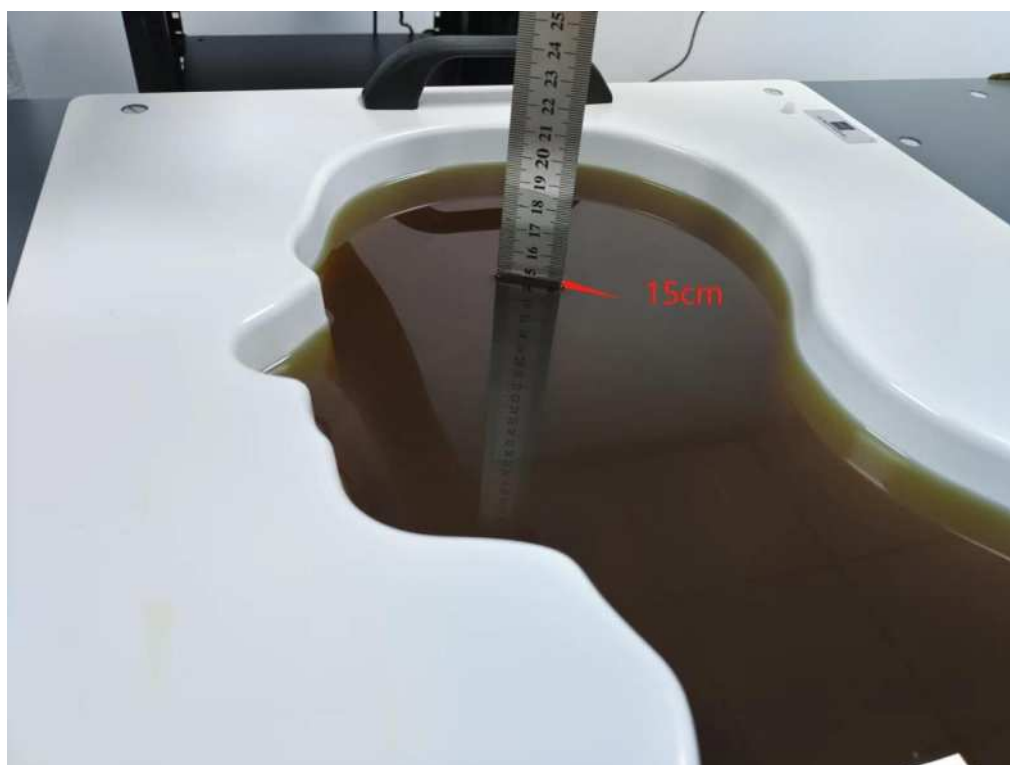
Body Top side (separation distance is 10mm)



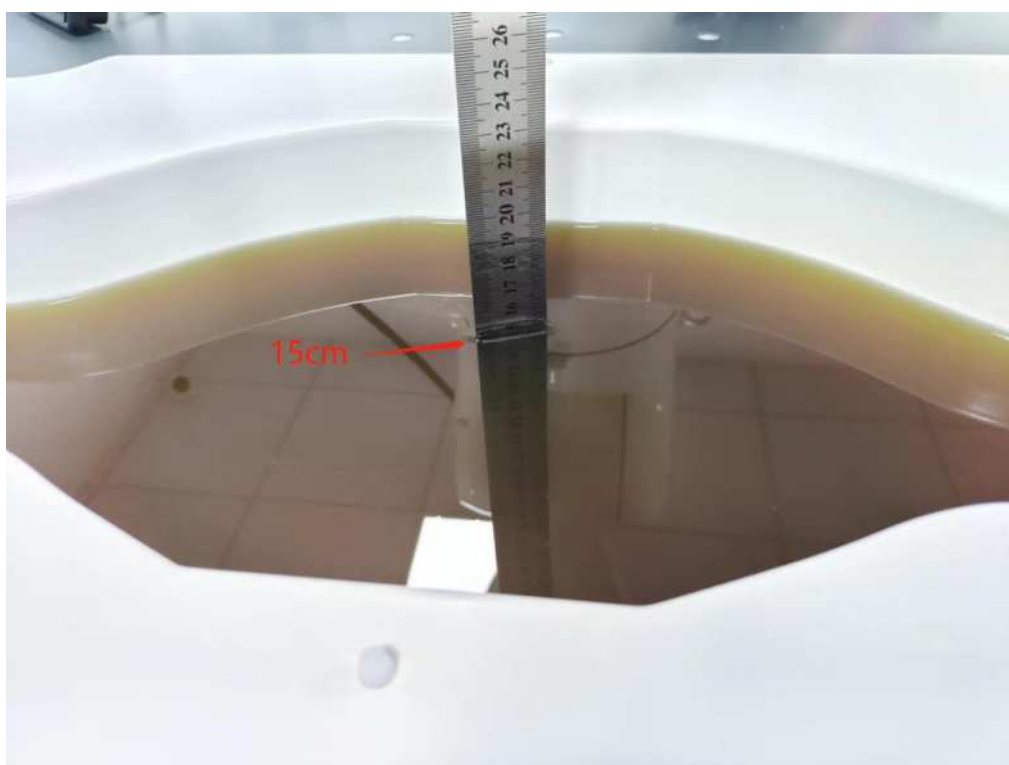
Body Bottom side (separation distance is 10mm)



Liquid depth (15 cm)



Liquid depth (15 cm)





12. SAR Result Summary

12.1 Head SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	GSM	Right Cheek	836.6	0.128	-0.86	32.50	32.39	1.026	0.131	/
		Right Tilt	836.6	0.117	3.14	32.50	32.39	1.026	0.120	/
		Left Cheek	836.6	0.149	3.51	32.50	32.39	1.026	0.153	1
		Left Tilt	836.6	0.136	-1.24	32.50	32.39	1.026	0.139	/
PCS 1900	GSM	Right Cheek	1850.2	0.153	3.60	30.30	30.15	1.035	0.158	/
		Right Tilt	1850.2	0.139	3.31	30.30	30.15	1.035	0.144	/
		Left Cheek	1850.2	0.178	1.53	30.30	30.15	1.035	0.184	3
		Left Tilt	1850.2	0.163	2.63	30.30	30.15	1.035	0.169	/
WCDMA Band II	RMC	Right Cheek	1907.6	0.754	0.31	21.60	21.45	1.035	0.780	/
		Right Tilt	1907.6	0.680	1.19	21.60	21.45	1.035	0.704	/
		Left Cheek	1852.4	0.780	0.29	21.60	21.24	1.086	0.847	/
		Left Cheek	1880	0.826	-2.74	21.60	21.43	1.040	0.859	/
		Left Cheek	1907.6	0.883	-3.04	21.60	21.45	1.035	0.914	5
		Left Tilt	1852.4	0.712	-0.84	21.60	21.24	1.086	0.774	/
		Left Tilt	1880	0.743	2.93	21.60	21.43	1.040	0.773	/
		Left Tilt	1907.6	0.799	1.89	21.60	21.45	1.035	0.827	/
WCDMA Band IV	RMC	Right Cheek	1712.6	0.241	-3.06	19.50	19.19	1.074	0.259	/
		Right Tilt	1712.6	0.219	-2.41	19.50	19.19	1.074	0.235	/
		Left Cheek	1712.6	0.281	-3.85	19.50	19.19	1.074	0.302	7
		Left Tilt	1712.6	0.257	-0.33	19.50	19.19	1.074	0.276	/
WCDMA Band V	RMC	Right Cheek	846.6	0.469	-1.99	23.70	23.57	1.030	0.483	/
		Right Tilt	846.6	0.425	2.43	23.70	23.57	1.030	0.438	/
		Left Cheek	846.6	0.551	-3.67	23.70	23.57	1.030	0.568	9
		Left Tilt	846.6	0.499	-0.13	23.70	23.57	1.030	0.514	/
2.4GHz WLAN ANT 1	802.11b	Right Cheek	2437	0.244	-0.61	14.50	14.46	1.009	0.246	11
		Right Tilt	2437	0.173	3.86	14.50	14.46	1.009	0.175	/
		Left Cheek	2437	0.238	-0.57	14.50	14.46	1.009	0.240	/
		Left Tilt	2437	0.170	0.60	14.50	14.46	1.009	0.172	/
2.4GHz WLAN ANT 2	802.11a	Right Cheek	2437	0.299	3.08	14.80	14.70	1.023	0.306	13
		Right Tilt	2437	0.212	-2.50	14.80	14.70	1.023	0.217	/
		Left Cheek	2437	0.208	2.07	14.80	14.70	1.023	0.213	/
		Left Tilt	2437	0.148	1.75	14.80	14.70	1.023	0.151	/
2.4GHz WLAN MIMO 1	802.11ax-HET20	Right Cheek	2412	0.141	2.18	14.30	14.20	1.023	0.144	15
		Right Tilt	2412	0.102	-1.58	14.30	14.20	1.023	0.104	/
		Left Cheek	2412	0.112	3.30	14.30	14.20	1.023	0.115	/
		Left Tilt	2412	0.081	0.50	14.30	14.20	1.023	0.083	/
2.4GHz WLAN MIMO 2	802.11ax-HET20	Right Cheek	2412	0.179	1.53	14.30	14.20	1.023	0.183	17
		Right Tilt	2412	0.129	-2.26	14.30	14.20	1.023	0.132	/
		Left Cheek	2412	0.142	3.76	14.30	14.20	1.023	0.145	/
		Left Tilt	2412	0.104	-3.00	14.30	14.20	1.023	0.106	/



5.2GHz WLAN ANT 1	802.11a	Right Cheek	5240	0.279	-2.56	14.00	13.81	1.045	0.291	19
		Right Tilt	5240	0.199	-1.39	14.00	13.81	1.045	0.208	/
		Left Cheek	5240	0.225	1.33	14.00	13.81	1.045	0.235	/
		Left Tilt	5240	0.161	0.69	14.00	13.81	1.045	0.168	/
5.2GHz WLAN ANT 2	802.11a	Right Cheek	5200	0.322	1.47	14.20	14.01	1.045	0.336	21
		Right Tilt	5200	0.226	1.40	14.20	14.01	1.045	0.236	/
		Left Cheek	5200	0.257	-0.62	14.20	14.01	1.045	0.268	/
		Left Tilt	5200	0.182	3.76	14.20	14.01	1.045	0.190	/
5.2GHz WLAN MIMO 1	802.11ax- HE40	Right Cheek	5230	0.371	-0.41	13.20	13.03	1.040	0.386	23
		Right Tilt	5230	0.263	3.89	13.20	13.03	1.040	0.273	/
		Left Cheek	5230	0.299	-0.67	13.20	13.03	1.040	0.311	/
		Left Tilt	5230	0.211	2.26	13.20	13.03	1.040	0.219	/
5.2GHz WLAN MIMO 2	802.11ax- HE40	Right Cheek	5230	0.162	3.30	13.20	13.03	1.040	0.168	25
		Right Tilt	5230	0.117	-1.05	13.20	13.03	1.040	0.122	/
		Left Cheek	5230	0.133	-0.13	13.20	13.03	1.040	0.138	/
		Left Tilt	5230	0.097	0.84	13.20	13.03	1.040	0.101	/
5.3GHz WLAN ANT 1	802.11a	Right Cheek	5260	0.396	0.54	13.90	13.76	1.033	0.409	27
		Right Tilt	5260	0.280	2.04	13.90	13.76	1.033	0.289	/
		Left Cheek	5260	0.319	3.21	13.90	13.76	1.033	0.329	/
		Left Tilt	5260	0.229	3.92	13.90	13.76	1.033	0.237	/
5.3GHz WLAN ANT 2	802.11a	Right Cheek	5300	0.294	-1.69	13.90	13.76	1.033	0.304	29
		Right Tilt	5300	0.211	0.81	13.90	13.76	1.033	0.218	/
		Left Cheek	5300	0.235	2.85	13.90	13.76	1.033	0.243	/
		Left Tilt	5300	0.167	-3.12	13.90	13.76	1.033	0.172	/
5.3GHz WLAN MIMO 1	802.11n- HT20	Right Cheek	5320	0.111	3.93	11.70	11.55	1.035	0.115	31
		Right Tilt	5320	0.080	1.69	11.70	11.55	1.035	0.083	/
		Left Cheek	5320	0.089	-3.99	11.70	11.55	1.035	0.092	/
		Left Tilt	5320	0.065	1.20	11.70	11.55	1.035	0.067	/
5.3GHz WLAN MIMO 2	802.11n- HT20	Right Cheek	5320	0.210	-2.12	11.70	11.55	1.035	0.217	33
		Right Tilt	5320	0.150	-0.52	11.70	11.55	1.035	0.155	/
		Left Cheek	5320	0.171	1.82	11.70	11.55	1.035	0.177	/
		Left Tilt	5320	0.121	-1.99	11.70	11.55	1.035	0.125	/
5.6GHz WLAN ANT 1	802.11a	Right Cheek	5580	0.240	-2.98	14.20	14.03	1.040	0.250	35
		Right Tilt	5580	0.173	-1.50	14.20	14.03	1.040	0.180	/
		Left Cheek	5580	0.194	-2.81	14.20	14.03	1.040	0.202	/
		Left Tilt	5580	0.139	-0.93	14.20	14.03	1.040	0.145	/
5.6GHz WLAN ANT 2	802.11a	Right Cheek	5700	0.233	-2.58	13.70	13.51	1.045	0.243	37
		Right Tilt	5700	0.166	-0.52	13.70	13.51	1.045	0.173	/
		Left Cheek	5700	0.186	3.08	13.70	13.51	1.045	0.194	/
		Left Tilt	5700	0.133	-3.12	13.70	13.51	1.045	0.139	/
5.6GHz WLAN MIMO 1	802.11ax- HE20	Right Cheek	5700	0.251	0.99	13.30	13.12	1.042	0.262	39
		Right Tilt	5700	0.177	0.14	13.30	13.12	1.042	0.184	/
		Left Cheek	5700	0.202	3.05	13.30	13.12	1.042	0.211	/
		Left Tilt	5700	0.144	-1.34	13.30	13.12	1.042	0.150	/
5.6GHz WLAN MIMO 2	802.11ax- HE20	Right Cheek	5700	0.166	0.67	13.30	13.12	1.042	0.173	41
		Right Tilt	5700	0.117	0.99	13.30	13.12	1.042	0.122	/
		Left Cheek	5700	0.133	3.22	13.30	13.12	1.042	0.139	/
		Left Tilt	5700	0.096	3.16	13.30	13.12	1.042	0.100	/



5.8GHz WLAN ANT 1	802.11a	Right Cheek	5785	0.226	2.35	14.50	14.25	1.059	0.239	43
		Right Tilt	5785	0.163	-3.07	14.50	14.25	1.059	0.173	/
		Left Cheek	5785	0.181	-1.84	14.50	14.25	1.059	0.192	/
		Left Tilt	5785	0.131	3.83	14.50	14.25	1.059	0.139	/
5.8GHz WLAN ANT 2	802.11a	Right Cheek	5785	0.258	-1.50	14.00	13.85	1.035	0.267	45
		Right Tilt	5785	0.185	-3.43	14.00	13.85	1.035	0.192	/
		Left Cheek	5785	0.206	-2.45	14.00	13.85	1.035	0.213	/
		Left Tilt	5785	0.148	1.63	14.00	13.85	1.035	0.153	/
5.8GHz WLAN MIMO 1	802.11ax- HE20	Right Cheek	5825	0.289	-3.48	12.60	12.49	1.026	0.296	47
		Right Tilt	5825	0.206	1.61	12.60	12.49	1.026	0.211	/
		Left Cheek	5825	0.235	4.00	12.60	12.49	1.026	0.241	/
		Left Tilt	5825	0.169	1.60	12.60	12.49	1.026	0.173	/
5.8GHz WLAN MIMO 2	802.11ax- HE20	Right Cheek	5825	0.152	0.79	12.60	12.49	1.026	0.156	49
		Right Tilt	5825	0.111	2.39	12.60	12.49	1.026	0.114	/
		Left Cheek	5825	0.120	-2.20	12.60	12.49	1.026	0.123	/
		Left Tilt	5825	0.085	-2.99	12.60	12.49	1.026	0.087	/

Band	Mode	Max SAR	WIFI MIMO
		(W/Kg)	
2.4G WLAN	802.11ax-HET20	0.144	0.327
	802.11ax-HET20	0.183	
5.2G WLAN	802.11ax-HE40	0.386	0.554
	802.11ax-HE40	0.168	
5.3G WLAN	802.11n-HT20	0.115	0.332
	802.11n-HT20	0.217	
5.6G WLAN	802.11ax-HE20	0.262	0.435
	802.11ax-HE20	0.173	
5.8G WLAN	802.11ax-HE20	0.296	0.452
	802.11ax-HE20	0.156	



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	99	Right Cheek	1900	0.505	1.31	19.50	19.33	1.040	0.525	/
			50	49	Right Cheek	1880	0.405	1.29	18.40	18.20	1.047	0.424	/
			1	99	Right Tilt	1900	0.458	-1.98	19.50	19.33	1.040	0.476	/
			50	49	Right Tilt	1880	0.368	2.21	18.40	18.20	1.047	0.385	/
			1	99	Left Cheek	1900	0.592	2.65	19.50	19.33	1.040	0.616	51
			50	49	Left Cheek	1880	0.475	2.80	18.40	18.20	1.047	0.497	/
			1	99	Left Tilt	1900	0.537	1.32	19.50	19.33	1.040	0.558	/
			50	49	Left Tilt	1880	0.432	-0.25	18.40	18.20	1.047	0.452	/
LTE Band 4	20M	QPSK	1	99	Right Cheek	1745	0.225	-2.16	18.00	17.97	1.007	0.227	/
			50	49	Right Cheek	1745	0.184	1.54	17.00	16.93	1.016	0.187	/
			1	99	Right Tilt	1745	0.204	1.72	18.00	17.97	1.007	0.205	/
			50	49	Right Tilt	1745	0.166	-1.30	17.00	16.93	1.016	0.169	/
			1	99	Left Cheek	1745	0.262	-3.80	18.00	17.97	1.007	0.264	53
			50	49	Left Cheek	1745	0.209	-0.29	17.00	16.93	1.016	0.212	/
			1	99	Left Tilt	1745	0.239	2.79	18.00	17.97	1.007	0.241	/
			50	49	Left Tilt	1745	0.191	3.75	17.00	16.93	1.016	0.194	/
LTE Band 5	10M	QPSK	1	49	Right Cheek	836.5	0.182	-0.43	24.00	23.96	1.009	0.184	/
			25	24	Right Cheek	836.5	0.144	0.82	23.10	22.99	1.026	0.148	/
			1	49	Right Tilt	836.5	0.166	1.38	24.00	23.96	1.009	0.168	/
			25	24	Right Tilt	836.5	0.136	-2.39	23.10	22.99	1.026	0.139	/
			1	49	Left Cheek	836.5	0.211	-3.44	24.00	23.96	1.009	0.213	55
			25	24	Left Cheek	836.5	0.169	-1.35	23.10	22.99	1.026	0.173	/
			1	49	Left Tilt	836.5	0.195	-0.63	24.00	23.96	1.009	0.197	/
			25	24	Left Tilt	836.5	0.157	-1.37	23.10	22.99	1.026	0.161	/
LTE Band 7	20M	QPSK	1	99	Right Cheek	2510	0.112	0.56	23.50	23.38	1.028	0.115	/
			50	49	Right Cheek	2510	0.091	0.20	22.50	22.36	1.033	0.094	/
			1	99	Right Tilt	2510	0.102	3.99	23.50	23.38	1.028	0.105	/
			50	49	Right Tilt	2510	0.080	1.20	22.50	22.36	1.033	0.083	/
			1	99	Left Cheek	2510	0.132	2.86	23.50	23.38	1.028	0.136	57
			50	49	Left Cheek	2510	0.109	0.19	22.50	22.36	1.033	0.113	/
			1	99	Left Tilt	2510	0.122	-3.69	23.50	23.38	1.028	0.125	/
			50	49	Left Tilt	2510	0.097	-2.26	22.50	22.36	1.033	0.100	/
	10M	QPSK	1	49	Right Cheek	711	0.236	3.66	23.80	23.69	1.026	0.242	/



LTE Band 12			25	24	Right Cheek	707.5	0.187	-2.72	22.70	22.55	1.035	0.194	/
			1	49	Right Tilt	711	0.216	0.42	23.80	23.69	1.026	0.222	/
			25	24	Right Tilt	707.5	0.174	3.03	22.70	22.55	1.035	0.180	/
			1	49	Left Cheek	711	0.276	-3.27	23.80	23.69	1.026	0.283	59
			25	24	Left Cheek	707.5	0.223	1.95	22.70	22.55	1.035	0.231	/
			1	49	Left Tilt	711	0.253	-0.24	23.80	23.69	1.026	0.259	/
			25	24	Left Tilt	707.5	0.204	1.32	22.70	22.55	1.035	0.211	/
LTE Band 13	10M	QPSK	1	49	Right Cheek	782	0.315	2.79	23.70	23.54	1.038	0.327	/
			25	24	Right Cheek	782	0.251	0.01	22.60	22.53	1.016	0.255	/
			1	49	Right Tilt	782	0.288	2.39	23.70	23.54	1.038	0.299	/
			25	24	Right Tilt	782	0.229	1.69	22.60	22.53	1.016	0.233	/
			1	49	Left Cheek	782	0.367	3.70	23.70	23.54	1.038	0.381	61
			25	24	Left Cheek	782	0.297	0.38	22.60	22.53	1.016	0.302	/
			1	49	Left Tilt	782	0.333	0.59	23.70	23.54	1.038	0.345	/
			25	24	Left Tilt	782	0.265	2.54	22.60	22.53	1.016	0.269	/
LTE Band 17	10M	QPSK	1	49	Right Cheek	710	0.191	2.83	23.80	23.61	1.045	0.200	/
			25	24	Right Cheek	710	0.156	3.23	22.70	22.50	1.047	0.163	/
			1	49	Right Tilt	710	0.176	2.86	23.80	23.61	1.045	0.184	/
			25	24	Right Tilt	710	0.144	2.73	22.70	22.50	1.047	0.151	/
			1	49	Left Cheek	710	0.226	3.35	23.80	23.61	1.045	0.236	63
			25	24	Left Cheek	710	0.182	2.30	22.70	22.50	1.047	0.191	/
			1	49	Left Tilt	710	0.206	1.53	23.80	23.61	1.045	0.215	/
			25	24	Left Tilt	710	0.164	2.78	22.70	22.50	1.047	0.172	/
LTE Band 25	20M	QPSK	1	99	Right Cheek	1905	0.204	-1.29	19.50	19.24	1.062	0.217	/
			50	49	Right Cheek	1905	0.165	-2.01	18.50	18.36	1.033	0.170	/
			1	99	Right Tilt	1905	0.186	-3.86	19.50	19.24	1.062	0.197	/
			50	49	Right Tilt	1905	0.152	-1.34	18.50	18.36	1.033	0.157	/
			1	99	Left Cheek	1905	0.237	-3.75	19.50	19.24	1.062	0.252	65
			50	49	Left Cheek	1905	0.187	0.00	18.50	18.36	1.033	0.193	/
			1	99	Left Tilt	1905	0.217	-3.97	19.50	19.24	1.062	0.230	/
			50	49	Left Tilt	1905	0.174	-2.99	18.50	18.36	1.033	0.180	/
LTE Band 26	15M	QPSK	1	74	Right Cheek	831.5	0.249	3.67	24.10	23.97	1.030	0.257	/
			36	39	Right Cheek	831.5	0.202	2.77	23.00	22.87	1.030	0.208	/
			1	74	Right Tilt	831.5	0.229	-0.65	24.10	23.97	1.030	0.236	/
			36	39	Right Tilt	831.5	0.186	3.06	23.00	22.87	1.030	0.192	/
			1	74	Left Cheek	831.5	0.291	3.84	24.10	23.97	1.030	0.300	67



			36	39	Left Cheek	831.5	0.232	-1.85	23.00	22.87	1.030	0.239	/
			1	74	Left Tilt	831.5	0.265	3.28	24.10	23.97	1.030	0.273	/
			36	39	Left Tilt	831.5	0.216	3.52	23.00	22.87	1.030	0.223	/
LTE Band 38	20M	QPSK	1	99	Right Cheek	2610	0.130	0.28	25.50	25.40	1.023	0.133	/
			50	24	Right Cheek	2610	0.107	2.14	24.70	24.59	1.026	0.110	/
			1	99	Right Tilt	2610	0.120	-3.53	25.50	25.40	1.023	0.123	/
			50	24	Right Tilt	2610	0.095	1.25	24.70	24.59	1.026	0.097	/
			1	99	Left Cheek	2610	0.153	1.65	25.50	25.40	1.023	0.157	69
			50	24	Left Cheek	2610	0.124	3.64	24.70	24.59	1.026	0.127	/
			1	99	Left Tilt	2610	0.141	2.41	25.50	25.40	1.023	0.144	/
			50	24	Left Tilt	2610	0.116	3.75	24.70	24.59	1.026	0.119	/
LTE Band 40	10M	QPSK	1	49	Right Cheek	2310	0.149	2.12	13.50	13.35	1.035	0.154	/
			50	24	Right Cheek	2310	0.119	3.44	12.50	12.24	1.062	0.126	/
			1	49	Right Tilt	2310	0.135	-1.65	13.50	13.35	1.035	0.140	/
			50	24	Right Tilt	2310	0.111	-3.58	12.50	12.24	1.062	0.118	/
			1	49	Left Cheek	2310	0.175	-0.31	13.50	13.35	1.035	0.181	71
			50	24	Left Cheek	2310	0.143	-2.40	12.50	12.24	1.062	0.152	/
			1	49	Left Tilt	2310	0.159	-1.54	13.50	13.35	1.035	0.165	/
			50	24	Left Tilt	2310	0.130	1.09	12.50	12.24	1.062	0.138	/
LTE Band 41	20M	QPSK	1	49	Right Cheek	2680	0.194	1.16	25.00	24.91	1.021	0.198	/
			50	24	Right Cheek	2680	0.154	-3.20	24.80	24.67	1.030	0.159	/
			1	49	Right Tilt	2680	0.176	-1.81	25.00	24.91	1.021	0.180	/
			50	24	Right Tilt	2680	0.141	0.62	24.80	24.67	1.030	0.145	/
			1	49	Left Cheek	2680	0.226	-2.95	25.00	24.91	1.021	0.231	73
			50	24	Left Cheek	2680	0.180	1.95	24.80	24.67	1.030	0.185	/
			1	49	Left Tilt	2680	0.204	2.27	25.00	24.91	1.021	0.208	/
			50	24	Left Tilt	2680	0.163	-2.40	24.80	24.67	1.030	0.168	/
LTE Band 66	20M	QPSK	1	99	Right Cheek	1770	0.257	1.97	18.50	18.24	1.062	0.273	/
			50	49	Right Cheek	1770	0.209	3.38	17.20	17.05	1.035	0.216	/
			1	99	Right Tilt	1770	0.235	1.80	18.50	18.24	1.062	0.249	/
			50	49	Right Tilt	1770	0.189	-3.61	17.20	17.05	1.035	0.196	/
			1	99	Left Cheek	1770	0.300	0.70	18.50	18.24	1.062	0.319	75
			50	49	Left Cheek	1770	0.242	3.99	17.20	17.05	1.035	0.251	/
			1	99	Left Tilt	1770	0.270	1.93	18.50	18.24	1.062	0.287	/
			50	49	Left Tilt	1770	0.218	0.40	17.20	17.05	1.035	0.226	/
	20M	QPSK	1	99	Right Cheek	688	0.215	-3.31	23.70	23.66	1.009	0.217	/



LTE Band 71			50	24	Right Cheek	680.5	0.174	0.44	22.70	22.54	1.038	0.181	/
			1	99	Right Tilt	688	0.195	-3.32	23.70	23.66	1.009	0.197	/
			50	24	Right Tilt	680.5	0.156	2.55	22.70	22.54	1.038	0.162	/
			1	99	Left Cheek	688	0.250	0.55	23.70	23.66	1.009	0.252	77
			50	24	Left Cheek	680.5	0.202	-1.09	22.70	22.54	1.038	0.210	/
			1	99	Left Tilt	688	0.230	3.77	23.70	23.66	1.009	0.232	/
			50	24	Left Tilt	680.5	0.186	0.79	22.70	22.54	1.038	0.193	/
SA N2	20M	DFT_BPSK	1	104	Right Cheek	1900	0.679	0.29	15.30	15.11	1.045	0.709	/
			50	25	Right Cheek	1900	0.543	0.86	15.10	14.99	1.026	0.557	/
			1	104	Right Tilt	1900	0.615	-3.96	15.30	15.11	1.045	0.643	/
			50	25	Right Tilt	1900	0.492	2.38	15.10	14.99	1.026	0.505	/
			1	104	Left Cheek	1860	0.762	1.85	15.30	15.08	1.052	0.802	/
			1	104	Left Cheek	1880	0.689	1.02	15.30	14.70	1.148	0.791	/
			1	104	Left Cheek	1900	0.799	-3.50	15.30	15.11	1.045	0.835	79
			50	25	Left Cheek	1900	0.641	-1.50	15.10	14.99	1.026	0.657	/
			1	104	Left Tilt	1900	0.723	-0.95	15.30	15.11	1.045	0.755	/
			50	25	Left Tilt	1900	0.579	-0.76	15.10	14.99	1.026	0.594	/
SA N5	20M	DFT_BPSK	1	104	Right Cheek	839	0.532	-2.55	21.60	21.39	1.050	0.558	/
			50	25	Right Cheek	839	0.428	1.65	21.00	20.85	1.035	0.443	/
			1	104	Right Tilt	839	0.479	1.69	21.60	21.39	1.050	0.503	/
			50	25	Right Tilt	839	0.385	1.58	21.00	20.85	1.035	0.399	/
			1	104	Left Cheek	839	0.622	3.57	21.60	21.39	1.050	0.653	81
			50	25	Left Cheek	839	0.498	-1.61	21.00	20.85	1.035	0.516	/
			1	104	Left Tilt	839	0.560	-2.95	21.60	21.39	1.050	0.588	/
			50	25	Left Tilt	839	0.450	1.72	21.00	20.85	1.035	0.466	/
SA N7	20M	DFT_BPSK	1	104	Right Cheek	2560	0.720	2.24	22.90	22.64	1.062	0.764	/
			50	25	Right Cheek	2535	0.578	-1.05	22.50	22.47	1.007	0.582	/
			1	104	Right Tilt	2560	0.649	3.16	22.90	22.64	1.062	0.689	/
			50	25	Right Tilt	2535	0.518	2.17	22.50	22.47	1.007	0.522	/
			1	104	Left Cheek	2510	0.732	-0.09	22.90	22.37	1.130	0.827	/
			1	104	Left Cheek	2535	0.768	-3.60	22.90	22.38	1.127	0.866	/
			1	104	Left Cheek	2560	0.844	-0.19	22.90	22.64	1.062	0.896	83
			50	25	Left Cheek	2535	0.678	-1.76	22.50	22.47	1.007	0.683	/
			1	104	Left Tilt	2510	0.659	-2.80	22.90	22.37	1.130	0.745	/
			1	104	Left Tilt	2535	0.692	2.71	22.90	22.38	1.127	0.780	/
			1	104	Left Tilt	2560	0.761	-3.90	22.90	22.64	1.062	0.808	/



			50	25	Left Tilt	2535	0.610	-3.43	22.50	22.47	1.007	0.614	/
SA N25	20M	DFT_BPSK	1	104	Right Cheek	1860	0.777	3.96	15.30	15.09	1.050	0.815	/
			1	104	Right Cheek	1882.5	0.701	-2.20	15.30	14.80	1.122	0.787	/
			1	104	Right Cheek	1905	0.735	2.55	15.30	14.99	1.074	0.789	/
			50	25	Right Cheek	1905	0.711	-2.02	15.20	15.07	1.030	0.733	/
			1	104	Right Tilt	1860	0.701	-3.46	15.30	15.09	1.050	0.736	/
			50	25	Right Tilt	1905	0.663	-3.48	15.20	15.07	1.030	0.683	/
			1	104	Left Cheek	1860	0.916	-3.91	15.30	15.09	1.050	0.961	85
			1	104	Left Cheek	1882.5	0.820	-0.17	15.30	14.80	1.122	0.920	/
			1	104	Left Cheek	1905	0.873	-2.38	15.30	14.99	1.074	0.938	/
			50	25	Left Cheek	1860	0.792	-1.50	15.20	14.99	1.050	0.831	/
			50	25	Left Cheek	1882.5	0.733	2.24	15.20	14.83	1.089	0.798	/
			50	25	Left Cheek	1905	0.835	-3.34	15.20	15.07	1.030	0.860	/
			100	0	Left Cheek	1905	0.713	-2.17	14.70	14.58	1.028	0.733	/
			1	104	Left Tilt	1860	0.826	-1.03	15.30	15.09	1.050	0.867	/
			1	104	Left Tilt	1882.5	0.724	-0.33	15.30	14.80	1.122	0.812	/
			1	104	Left Tilt	1905	0.786	-1.10	15.30	14.99	1.074	0.844	/
			50	25	Left Tilt	1905	0.762	3.37	15.20	15.07	1.030	0.785	/
SA N26	10M	DFT_BPSK	1	23	Right Cheek	814.32	0.439	-1.98	22.50	22.34	1.038	0.455	/
			25	12	Right Cheek	814.32	0.551	2.33	22.70	22.48	1.052	0.580	/
			1	23	Right Tilt	814.32	0.402	1.36	22.50	22.34	1.038	0.417	/
			25	12	Right Tilt	814.32	0.500	0.80	22.70	22.48	1.052	0.526	/
			1	23	Left Cheek	814.32	0.517	0.69	22.50	22.34	1.038	0.536	/
			25	12	Left Cheek	814.32	0.647	3.25	22.70	22.48	1.052	0.681	87
			1	23	Left Tilt	814.32	0.468	2.91	22.50	22.34	1.038	0.486	/
			25	12	Left Tilt	814.32	0.586	0.17	22.70	22.48	1.052	0.616	/
SA N38	40M	DFT_BPSK	1	104	Right Cheek	2600	0.531	3.51	22.60	22.48	1.028	0.546	/
			50	25	Right Cheek	2600	0.663	-1.35	22.80	22.53	1.064	0.706	/
			1	104	Right Tilt	2600	0.480	2.21	22.60	22.48	1.028	0.493	/
			50	25	Right Tilt	2600	0.598	-3.06	22.80	22.53	1.064	0.636	/
			1	104	Left Cheek	2600	0.625	2.05	22.60	22.48	1.028	0.643	/
			50	25	Left Cheek	2590	0.711	-1.33	22.80	22.49	1.074	0.764	/
			50	25	Left Cheek	2595	0.734	3.84	22.80	22.44	1.086	0.797	/
			50	25	Left Cheek	2600	0.781	-3.66	22.80	22.53	1.064	0.831	89
			100	0	Left Cheek	2595	0.635	-3.66	22.10	21.98	1.028	0.653	/
			1	104	Left Tilt	2600	0.564	2.50	22.60	22.48	1.028	0.580	/



			50	25	Left Tilt	2600	0.704	0.99	22.80	22.53	1.064	0.749	/
SA N41	100M	DFT_QPSK	1	271	Right Cheek	2592.99	0.204	-2.01	22.60	22.51	1.021	0.208	/
			135	67	Right Cheek	2640	0.257	-1.46	23.10	22.62	1.117	0.287	/
			1	271	Right Tilt	2592.99	0.189	-2.87	22.60	22.51	1.021	0.193	/
			135	67	Right Tilt	2640	0.236	2.77	23.10	22.62	1.117	0.264	/
			1	271	Left Cheek	2592.99	0.24	3.29	22.60	22.51	1.021	0.245	/
			135	67	Left Cheek	2640	0.301	1.64	23.10	22.62	1.117	0.336	91
			1	271	Left Tilt	2592.99	0.221	0.43	22.60	22.51	1.021	0.226	/
			135	67	Left Tilt	2640	0.274	-0.83	23.10	22.62	1.117	0.306	/
SA N66	40M	DFT_QPSK	1	1	Right Cheek	1712.5	0.768	-2.90	19.50	19.13	1.089	0.836	/
			1	1	Right Cheek	1745	0.683	1.57	19.50	18.71	1.199	0.819	/
			1	1	Right Cheek	1777.5	0.620	-0.22	19.50	18.45	1.274	0.790	/
			108	54	Right Cheek	1712.5	0.618	3.91	19.00	18.86	1.033	0.638	/
			1	1	Right Tilt	1712.5	0.695	1.11	19.50	19.13	1.089	0.757	/
			108	54	Right Tilt	1712.5	0.555	2.53	19.00	18.86	1.033	0.573	/
			1	1	Left Cheek	1712.5	0.900	-3.68	19.50	19.13	1.089	0.980	93
			1	1	Left Cheek	1745	0.812	0.26	19.50	18.71	1.199	0.974	/
			1	1	Left Cheek	1777.5	0.760	-0.56	19.50	18.45	1.274	0.968	/
			108	54	Left Cheek	1712.5	0.820	-2.26	19.00	18.86	1.033	0.847	/
			108	54	Left Cheek	1745	0.768	-0.33	19.00	18.67	1.079	0.829	/
			108	54	Left Cheek	1777.5	0.709	3.26	19.00	18.39	1.151	0.816	/
			216	0	Left Cheek	1712.5	0.719	0.36	18.20	17.96	1.057	0.760	/
			1	1	Left Tilt	1712.5	0.812	-0.92	19.50	19.13	1.089	0.884	/
			1	1	Left Tilt	1745	0.735	-2.60	19.50	18.71	1.199	0.882	/
			1	1	Left Tilt	1777.5	0.689	-0.04	19.50	18.45	1.274	0.877	/
SA N71	20M	DFT_BPSK	108	54	Left Tilt	1712.5	0.647	-0.94	19.00	18.86	1.033	0.668	/
			1	1	Right Cheek	680.5	0.527	-0.41	23.70	23.51	1.045	0.551	/
			50	25	Right Cheek	680.5	0.423	3.77	23.60	23.47	1.030	0.436	/
			1	1	Right Tilt	680.5	0.477	3.62	23.70	23.51	1.045	0.498	/
			50	25	Right Tilt	680.5	0.383	1.07	23.60	23.47	1.030	0.395	/
			1	1	Left Cheek	680.5	0.619	-3.53	23.70	23.51	1.045	0.647	95
			50	25	Left Cheek	680.5	0.498	-3.74	23.60	23.47	1.030	0.513	/
			1	1	Left Tilt	680.5	0.559	0.90	23.70	23.51	1.045	0.584	/
SA N77	100M	DFT_QPSK	50	25	Left Tilt	680.5	0.448	-1.98	23.60	23.47	1.030	0.462	/
			1	271	Right Cheek	3840	0.571	-3.42	17.80	17.47	1.079	0.616	/
			135	67	Right Cheek	3840	0.460	-2.05	17.20	17.09	1.026	0.472	/



			1	271	Right Tilt	3840	0.518	0.03	17.80	17.47	1.079	0.559	/
			135	67	Right Tilt	3840	0.414	1.23	17.20	17.09	1.026	0.425	/
			1	271	Left Cheek	3840	0.671	-2.79	17.80	17.47	1.079	0.724	97
			135	67	Left Cheek	3840	0.540	3.60	17.20	17.09	1.026	0.554	/
			1	271	Left Tilt	3840	0.605	2.82	17.80	17.47	1.079	0.653	/
			135	67	Left Tilt	3840	0.485	0.41	17.20	17.09	1.026	0.497	/
SA N78	100M	DFT_QPSK	1	271	Right Cheek	3750	0.189	-0.01	19.30	19.10	1.047	0.198	/
			135	67	Right Cheek	3750	0.151	-1.19	19.00	18.77	1.054	0.159	/
			1	271	Right Tilt	3750	0.173	-2.98	19.30	19.10	1.047	0.181	/
			135	67	Right Tilt	3750	0.140	2.13	19.00	18.77	1.054	0.148	/
			1	271	Left Cheek	3750	0.218	-0.06	19.30	19.10	1.047	0.228	99
			135	67	Left Cheek	3750	0.177	-3.69	19.00	18.77	1.054	0.187	/
			1	271	Left Tilt	3750	0.202	-0.61	19.30	19.10	1.047	0.212	/
			135	67	Left Tilt	3750	0.160	2.16	19.00	18.77	1.054	0.169	/



NSA

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
SA N41	100M	DFT_QPSK	1	271	Right Cheek	2592.99	0.204	-2.01	22.60	22.51	1.021	0.208	/
			135	67	Right Cheek	2640	0.257	-1.46	23.10	22.62	1.117	0.287	/
			1	271	Right Tilt	2592.99	0.189	-2.87	22.60	22.51	1.021	0.193	/
			135	67	Right Tilt	2640	0.236	2.77	23.10	22.62	1.117	0.264	/
			1	271	Left Cheek	2592.99	0.24	3.29	22.60	22.51	1.021	0.245	/
			135	67	Left Cheek	2640	0.301	1.64	23.10	22.62	1.117	0.336	91
			1	271	Left Tilt	2592.99	0.221	0.43	22.60	22.51	1.021	0.226	/
			135	67	Left Tilt	2640	0.274	-0.83	23.10	22.62	1.117	0.306	/
LTE Band 5	10M	QPSK	1	49	Right Cheek	836.5	0.182	-0.43	24.00	23.96	1.009	0.184	/
			25	24	Right Cheek	836.5	0.144	0.82	23.10	22.99	1.026	0.148	/
			1	49	Right Tilt	836.5	0.166	1.38	24.00	23.96	1.009	0.168	/
			25	24	Right Tilt	836.5	0.136	-2.39	23.10	22.99	1.026	0.139	/
			1	49	Left Cheek	836.5	0.211	-3.44	24.00	23.96	1.009	0.213	55
			25	24	Left Cheek	836.5	0.169	-1.35	23.10	22.99	1.026	0.173	/
			1	49	Left Tilt	836.5	0.195	-0.63	24.00	23.96	1.009	0.197	/
			25	24	Left Tilt	836.5	0.157	-1.37	23.10	22.99	1.026	0.161	/

Band	Mode	Max SAR	NSA N41+B5
		(W/Kg)	
NSA N41+B5	SA N41	0.336	0.549
	LTE B5	0.213	

Note:

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

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

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

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



12.2 Body-worn and Hotspot SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM850	GPRS (GMSK, 2-Slot)	Front Side	836.6	0.288	-1.18	32.00	31.79	1.050	0.302	/
		Back Side	836.6	0.510	-3.11	32.00	31.79	1.050	0.535	/
		Left Side	836.6	0.148	-1.75	32.00	31.79	1.050	0.155	/
		Right Side	836.6	0.096	-3.91	32.00	31.79	1.050	0.101	/
		Top Side	836.6	0.048	0.76	32.00	31.79	1.050	0.050	/
		Bottom Side	836.6	0.635	-2.87	32.00	31.79	1.050	0.666	2
PCS 1900	GPRS (GMSK, 2-Slot)	Front Side	1880	0.348	0.88	29.70	29.50	1.047	0.364	/
		Back Side	1880	0.620	-1.80	29.70	29.50	1.047	0.649	/
		Left Side	1880	0.181	-0.75	29.70	29.50	1.047	0.190	/
		Right Side	1880	0.117	2.29	29.70	29.50	1.047	0.123	/
		Top Side	1880	0.056	-3.63	29.70	29.50	1.047	0.059	/
		Bottom Side	1850.2	0.723	3.66	29.70	29.41	1.069	0.773	/
		Bottom Side	1880	0.769	3.27	29.70	29.50	1.047	0.805	4
WCDMA Band II	RMC	Bottom Side	1909.8	0.627	2.80	29.70	28.92	1.197	0.750	/
		Front Side	1907.6	0.313	-2.97	21.60	21.45	1.035	0.324	/
		Back Side	1907.6	0.555	-0.87	21.60	21.45	1.035	0.575	/
		Left Side	1907.6	0.160	3.20	21.60	21.45	1.035	0.166	/
		Right Side	1907.6	0.101	-3.46	21.60	21.45	1.035	0.105	/
WCDMA Band IV	RMC	Bottom Side	1907.6	0.689	-2.25	21.60	21.45	1.035	0.713	6
		Front Side	1712.6	0.319	0.17	19.50	19.19	1.074	0.343	/
		Back Side	1712.6	0.565	3.61	19.50	19.19	1.074	0.607	/
		Left Side	1712.6	0.163	-1.92	19.50	19.19	1.074	0.175	/
WCDMA Band V	RMC	Bottom Side	1712.6	0.703	0.97	19.50	19.19	1.074	0.755	8
		Front Side	846.6	0.202	2.34	23.70	23.57	1.030	0.208	/
		Back Side	846.6	0.360	3.51	23.70	23.57	1.030	0.371	/
		Left Side	846.6	0.103	3.57	23.70	23.57	1.030	0.106	/
		Right Side	846.6	0.069	-0.13	23.70	23.57	1.030	0.071	/
2.4GHz WLAN ANT 1	802.11b	Bottom Side	846.6	0.447	1.98	23.70	23.57	1.030	0.461	10
		Front Side	2437	0.175	3.33	14.50	14.46	1.009	0.177	/
		Back Side	2437	0.189	3.91	14.50	14.46	1.009	0.191	12
		Left Side	2437	0.043	3.41	14.50	14.46	1.009	0.043	/
2.4GHz WLAN ANT 2	802.11b	Top Side	2437	0.097	-1.78	14.50	14.46	1.009	0.098	/
		Front Side	2437	0.160	1.03	14.80	14.70	1.023	0.164	14
		Back Side	2437	0.074	2.54	14.80	14.70	1.023	0.076	/
		Left Side	2437	0.020	2.64	14.80	14.70	1.023	0.020	/
2.4GHz WLAN MIMO 1	802.11ax-HET20	Top Side	2437	0.150	2.67	14.80	14.70	1.023	0.153	/
		Front Side	2412	0.145	3.67	14.30	14.20	1.023	0.148	/
		Back Side	2412	0.170	1.92	14.30	14.20	1.023	0.174	16
		Left Side	2412	0.042	2.07	14.30	14.20	1.023	0.043	/
2.4GHz WLAN MIMO 2	802.11ax-HET20	Top Side	2412	0.113	1.20	14.30	14.20	1.023	0.116	/
		Front Side	2412	0.130	-3.66	14.30	14.20	1.023	0.133	/
		Back Side	2412	0.152	-3.33	14.30	14.20	1.023	0.156	18
		Left Side	2412	0.036	0.10	14.30	14.20	1.023	0.037	/
5.2GHz WLAN ANT 1	802.11a	Top Side	2412	0.099	-0.83	14.30	14.20	1.023	0.101	/
		Front Side	5240	0.268	0.78	14.00	13.81	1.045	0.280	/
		Back Side	5240	0.313	-2.54	14.00	13.81	1.045	0.327	20
		Left Side	5240	0.070	0.64	14.00	13.81	1.045	0.073	/
		Top Side	5240	0.204	2.52	14.00	13.81	1.045	0.213	/



5.2GHz WLAN ANT 2	802.11a	Front Side	5200	0.162	3.91	14.20	14.01	1.045	0.169	/
		Back Side	5200	0.186	0.20	14.20	14.01	1.045	0.194	22
		Left Side	5200	0.042	3.83	14.20	14.01	1.045	0.044	/
		Top Side	5200	0.124	1.73	14.20	14.01	1.045	0.130	/
5.2GHz WLAN MIMO 1	802.11ax- HE40	Front Side	5230	0.256	2.21	13.20	13.03	1.040	0.266	/
		Back Side	5230	0.149	1.13	13.20	13.03	1.040	0.155	24
		Left Side	5230	0.033	-2.04	13.20	13.03	1.040	0.034	/
		Top Side	5230	0.096	-1.60	13.20	13.03	1.040	0.100	/
5.2GHz WLAN MIMO 2	802.11ax- HE40	Front Side	5230	0.321	-0.24	13.20	13.03	1.040	0.334	/
		Back Side	5230	0.177	0.87	13.20	13.03	1.040	0.184	26
		Left Side	5230	0.043	2.14	13.20	13.03	1.040	0.045	/
		Top Side	5230	0.118	2.28	13.20	13.03	1.040	0.123	/
5.3GHz WLAN ANT 1	802.11a	Front Side	5260	0.247	-3.63	13.90	13.76	1.033	0.255	/
		Back Side	5260	0.290	-0.57	13.90	13.76	1.033	0.300	28
		Left Side	5260	0.064	2.69	13.90	13.76	1.033	0.066	/
		Top Side	5260	0.190	0.43	13.90	13.76	1.033	0.196	/
5.3GHz WLAN ANT 2	802.11a	Front Side	5300	0.144	-3.30	13.90	13.76	1.033	0.149	/
		Back Side	5300	0.166	3.23	13.90	13.76	1.033	0.171	30
		Left Side	5300	0.039	-3.67	13.90	13.76	1.033	0.040	/
		Top Side	5300	0.109	-3.92	13.90	13.76	1.033	0.113	/
5.3GHz WLAN MIMO 1	802.11n- HT20	Front Side	5320	0.118	-0.65	11.70	11.55	1.035	0.122	/
		Back Side	5320	0.138	-0.64	11.70	11.55	1.035	0.143	32
		Left Side	5320	0.031	-2.90	11.70	11.55	1.035	0.032	/
		Top Side	5320	0.090	2.47	11.70	11.55	1.035	0.093	/
5.3GHz WLAN MIMO 2	802.11n- HT20	Front Side	5320	0.127	1.07	11.70	11.55	1.035	0.131	/
		Back Side	5320	0.148	-0.42	11.70	11.55	1.035	0.153	34
		Left Side	5320	0.032	0.47	11.70	11.55	1.035	0.033	/
		Top Side	5320	0.095	-1.02	11.70	11.55	1.035	0.098	/
5.6GHz WLAN ANT 1	802.11a	Front Side	5580	0.309	-0.56	14.20	14.03	1.040	0.321	/
		Back Side	5580	0.358	1.01	14.20	14.03	1.040	0.372	36
		Left Side	5580	0.083	-3.60	14.20	14.03	1.040	0.086	/
		Top Side	5580	0.232	3.96	14.20	14.03	1.040	0.241	/
5.6GHz WLAN ANT 2	802.11a	Front Side	5700	0.338	0.27	13.70	13.51	1.045	0.353	/
		Back Side	5700	0.395	-2.00	13.70	13.51	1.045	0.413	38
		Left Side	5700	0.087	0.01	13.70	13.51	1.045	0.091	/
		Top Side	5700	0.256	0.36	13.70	13.51	1.045	0.267	/
5.6GHz WLAN MIMO 1	802.11ax- HE20	Front Side	5700	0.147	1.05	13.30	13.12	1.042	0.153	/
		Back Side	5700	0.173	2.38	13.30	13.12	1.042	0.180	40
		Left Side	5700	0.040	2.29	13.30	13.12	1.042	0.042	/
		Top Side	5700	0.115	1.72	13.30	13.12	1.042	0.120	/
5.6GHz WLAN MIMO 2	802.11ax- HE20	Front Side	5700	0.315	-3.96	13.30	13.12	1.042	0.328	/
		Back Side	5700	0.367	2.12	13.30	13.12	1.042	0.383	42
		Left Side	5700	0.082	-3.45	13.30	13.12	1.042	0.085	/
		Top Side	5700	0.239	3.16	13.30	13.12	1.042	0.249	/
5.8GHz WLAN ANT 1	802.11a	Front Side	5785	0.247	-0.18	14.50	14.25	1.059	0.262	/
		Back Side	5785	0.290	-2.13	14.50	14.25	1.059	0.307	44
		Left Side	5785	0.067	2.39	14.50	14.25	1.059	0.071	/
		Top Side	5785	0.191	-1.36	14.50	14.25	1.059	0.202	/
5.8GHz WLAN ANT 2	802.11a	Front Side	5785	0.325	0.29	14.00	13.85	1.035	0.336	/
		Back Side	5785	0.380	-0.40	14.00	13.85	1.035	0.393	46
		Left Side	5785	0.085	0.86	14.00	13.85	1.035	0.088	/
		Top Side	5785	0.251	-2.19	14.00	13.85	1.035	0.260	/
5.8GHz WLAN MIMO 1	802.11ax- HE20	Front Side	5825	0.199	-1.44	12.60	12.49	1.026	0.204	/
		Back Side	5825	0.231	2.25	12.60	12.49	1.026	0.237	48
		Left Side	5825	0.051	3.26	12.60	12.49	1.026	0.052	/
		Top Side	5825	0.151	2.59	12.60	12.49	1.026	0.155	/



5.8GHz WLAN MIMO 2	802.11ax- HE20	Front Side	5825	0.142	4.00	12.60	12.49	1.026	0.146	/
		Back Side	5825	0.164	-1.11	12.60	12.49	1.026	0.168	50
		Left Side	5825	0.041	-1.68	12.60	12.49	1.026	0.042	/
		Top Side	5825	0.108	-0.38	12.60	12.49	1.026	0.111	/

Band	Mode	Max SAR	WIFI MIMO
		(W/Kg)	
2.4G WLAN	802.11ax-HET20	0.174	0.330
	802.11ax-HET20	0.156	
5.2G WLAN	802.11ax-HE40	0.155	0.339
	802.11ax-HE40	0.184	
5.3G WLAN	802.11n-HT20	0.143	0.296
	802.11n-HT20	0.153	
5.6G WLAN	802.11ax-HE20	0.180	0.563
	802.11ax-HE20	0.383	
5.8G WLAN	802.11ax-HE20	0.237	0.405
	802.11ax-HE20	0.168	



Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	99	Front side	1900	0.222	-0.75	19.50	19.33	1.040	0.231	/
			50	49	Front side	1880	0.179	0.93	18.40	18.20	1.047	0.187	/
			1	99	Back Side	1900	0.391	-3.59	19.50	19.33	1.040	0.407	/
			50	49	Back Side	1880	0.317	2.69	18.40	18.20	1.047	0.332	/
			1	99	Left Side	1900	0.114	1.77	19.50	19.33	1.040	0.119	/
			50	49	Left Side	1880	0.091	2.16	18.40	18.20	1.047	0.095	/
			1	99	Bottom Side	1900	0.489	1.50	19.50	19.33	1.040	0.509	52
			50	49	Bottom Side	1880	0.391	2.10	18.40	18.20	1.047	0.409	/
LTE Band 4	20M	QPSK	1	99	Front side	1745	0.296	0.95	18.00	17.97	1.007	0.298	/
			50	49	Front side	1745	0.241	0.41	17.00	16.93	1.016	0.245	/
			1	99	Back Side	1745	0.523	-2.51	18.00	17.97	1.007	0.527	/
			50	49	Back Side	1745	0.418	-1.77	17.00	16.93	1.016	0.425	/
			1	99	Left Side	1745	0.153	-2.06	18.00	17.97	1.007	0.154	/
			50	49	Left Side	1745	0.122	-0.58	17.00	16.93	1.016	0.124	/
			1	99	Bottom Side	1745	0.654	-1.37	18.00	17.97	1.007	0.659	54
			50	49	Bottom Side	1745	0.527	-1.56	17.00	16.93	1.016	0.536	/
LTE Band 5	10M	QPSK	1	49	Front side	836.5	0.193	-3.93	24.00	23.96	1.009	0.195	/
			25	24	Front side	836.5	0.155	3.14	23.10	22.99	1.026	0.159	/
			1	49	Back Side	836.5	0.341	-1.89	24.00	23.96	1.009	0.344	/
			25	24	Back Side	836.5	0.273	-0.94	23.10	22.99	1.026	0.280	/
			1	49	Left Side	836.5	0.099	1.94	24.00	23.96	1.009	0.100	/
			25	24	Left Side	836.5	0.081	-3.88	23.10	22.99	1.026	0.083	/
			1	49	Right Side	836.5	0.062	-0.21	24.00	23.96	1.009	0.063	/
			25	24	Right Side	836.5	0.050	1.76	23.10	22.99	1.026	0.051	/
			1	49	Bottom Side	836.5	0.426	0.81	24.00	23.96	1.009	0.430	56
			25	24	Bottom Side	836.5	0.343	0.15	23.10	22.99	1.026	0.352	/
LTE Band 7	20M	QPSK	1	99	Front side	2510	0.425	1.60	23.50	23.38	1.028	0.437	/
			50	49	Front side	2510	0.342	0.36	22.50	22.36	1.033	0.353	/
			1	99	Back Side	2510	0.751	-0.67	23.50	23.38	1.028	0.772	/
			50	49	Back Side	2510	0.603	3.97	22.50	22.36	1.033	0.623	/
			1	99	Left Side	2510	0.220	3.07	23.50	23.38	1.028	0.226	/



			50	49	Left Side	2510	0.177	-0.50	22.50	22.36	1.033	0.183	/
			1	99	Right Side	2510	0.143	-2.87	23.50	23.38	1.028	0.147	/
			50	49	Right Side	2510	0.112	3.40	22.50	22.36	1.033	0.116	/
			1	99	Bottom Side	2510	0.936	0.39	23.50	23.38	1.028	0.962	58
			1	99	Bottom Side	2535	0.862	-0.10	23.50	23.12	1.091	0.941	/
			1	99	Bottom Side	2560	0.803	1.94	23.50	22.96	1.132	0.909	/
			50	49	Bottom Side	2510	0.751	2.72	22.50	22.36	1.033	0.776	/
LTE Band 12	10M	QPSK	1	49	Front side	711	0.130	-0.08	23.80	23.69	1.026	0.133	/
			25	24	Front side	707.5	0.104	1.89	22.70	22.55	1.035	0.108	/
			1	49	Back Side	711	0.228	1.03	23.80	23.69	1.026	0.234	/
			25	24	Back Side	707.5	0.182	-3.22	22.70	22.55	1.035	0.188	/
			1	49	Left Side	711	0.068	-2.15	23.80	23.69	1.026	0.070	/
			25	24	Left Side	707.5	0.056	2.67	22.70	22.55	1.035	0.058	/
			1	49	Right Side	711	0.042	1.50	23.80	23.69	1.026	0.043	/
			25	24	Right Side	707.5	0.034	-2.26	22.70	22.55	1.035	0.035	/
			1	49	Bottom Side	711	0.281	1.44	23.80	23.69	1.026	0.288	60
			25	24	Bottom Side	707.5	0.223	-3.36	22.70	22.55	1.035	0.231	/
LTE Band 13	10M	QPSK	1	49	Front side	782	0.181	-0.25	23.70	23.54	1.038	0.188	/
			25	24	Front side	782	0.147	1.47	22.60	22.53	1.016	0.149	/
			1	49	Back Side	782	0.317	3.76	23.70	23.54	1.038	0.329	/
			25	24	Back Side	782	0.253	3.91	22.60	22.53	1.016	0.257	/
			1	49	Left Side	782	0.092	-1.40	23.70	23.54	1.038	0.095	/
			25	24	Left Side	782	0.072	-3.32	22.60	22.53	1.016	0.073	/
			1	49	Right Side	782	0.058	1.25	23.70	23.54	1.038	0.060	/
			25	24	Right Side	782	0.047	2.23	22.60	22.53	1.016	0.048	/
			1	49	Bottom Side	782	0.392	3.20	23.70	23.54	1.038	0.407	62
			25	24	Bottom Side	782	0.314	0.03	22.60	22.53	1.016	0.319	/
LTE Band 17	10M	QPSK	1	49	Front side	710	0.112	-0.33	23.80	23.61	1.045	0.117	/
			25	24	Front side	710	0.088	-2.89	22.70	22.50	1.047	0.092	/
			1	49	Back Side	710	0.200	0.42	23.80	23.61	1.045	0.209	/
			25	24	Back Side	710	0.160	-0.06	22.70	22.50	1.047	0.168	/
			1	49	Left Side	710	0.059	3.29	23.80	23.61	1.045	0.062	/
			25	24	Left Side	710	0.047	1.07	22.70	22.50	1.047	0.049	/



			1	49	Right Side	710	0.037	3.69	23.80	23.61	1.045	0.039	/
			25	24	Right Side	710	0.029	0.61	22.70	22.50	1.047	0.030	/
			1	49	Bottom Side	710	0.244	-1.72	23.80	23.61	1.045	0.255	64
			25	24	Bottom Side	710	0.197	2.58	22.70	22.50	1.047	0.206	/
LTE Band 25	20M	QPSK	1	99	Front side	1905	0.255	-1.14	19.50	19.24	1.062	0.271	/
			50	49	Front side	1905	0.203	0.38	18.50	18.36	1.033	0.210	/
			1	99	Back Side	1905	0.452	-3.37	19.50	19.24	1.062	0.480	/
			50	49	Back Side	1905	0.360	3.15	18.50	18.36	1.033	0.372	/
			1	99	Left Side	1905	0.131	3.00	19.50	19.24	1.062	0.139	/
			50	49	Left Side	1905	0.107	-2.84	18.50	18.36	1.033	0.111	/
			1	99	Bottom Side	1905	0.562	1.04	19.50	19.24	1.062	0.597	66
			50	49	Bottom Side	1905	0.452	2.78	18.50	18.36	1.033	0.467	/
LTE Band 26	15M	QPSK	1	74	Front side	831.5	0.250	-0.06	24.10	23.97	1.030	0.258	/
			36	39	Front side	831.5	0.201	1.87	23.00	22.87	1.030	0.207	/
			1	74	Back Side	831.5	0.443	0.92	24.10	23.97	1.030	0.456	/
			36	39	Back Side	831.5	0.357	-2.87	23.00	22.87	1.030	0.368	/
			1	74	Left Side	831.5	0.128	-2.42	24.10	23.97	1.030	0.132	/
			36	39	Left Side	831.5	0.104	2.84	23.00	22.87	1.030	0.107	/
			1	74	Right Side	831.5	0.086	-0.35	24.10	23.97	1.030	0.089	/
			36	39	Right Side	831.5	0.068	3.53	23.00	22.87	1.030	0.070	/
			1	74	Bottom Side	831.5	0.554	-0.75	24.10	23.97	1.030	0.571	68
			36	39	Bottom Side	831.5	0.443	0.29	23.00	22.87	1.030	0.456	/
LTE Band 38	20M	QPSK	1	99	Front side	2610	0.326	-3.06	25.50	25.40	1.023	0.334	/
			50	24	Front side	2610	0.263	0.54	24.70	24.59	1.026	0.270	/
			1	99	Back Side	2610	0.583	0.13	25.50	25.40	1.023	0.597	/
			50	24	Back Side	2610	0.468	-0.92	24.70	24.59	1.026	0.480	/
			1	99	Left Side	2610	0.169	-1.30	25.50	25.40	1.023	0.173	/
			50	24	Left Side	2610	0.136	3.82	24.70	24.59	1.026	0.139	/
			1	99	Right Side	2610	0.109	-1.65	25.50	25.40	1.023	0.112	/
			50	24	Right Side	2610	0.086	2.64	24.70	24.59	1.026	0.088	/
			1	99	Bottom Side	2610	0.725	-2.39	25.50	25.40	1.023	0.742	70
			50	24	Bottom Side	2610	0.581	-0.20	24.70	24.59	1.026	0.596	/
	10M	QPSK	1	49	Front side	2310	0.319	1.06	13.50	13.35	1.035	0.330	/



LTE Band 40			50	24	Front side	2310	0.254	-0.85	12.50	12.24	1.062	0.270	/
			1	49	Back Side	2310	0.567	-2.38	13.50	13.35	1.035	0.587	/
			50	24	Back Side	2310	0.453	-2.18	12.50	12.24	1.062	0.481	/
			1	49	Left Side	2310	0.163	2.89	13.50	13.35	1.035	0.169	/
			50	24	Left Side	2310	0.131	-0.20	12.50	12.24	1.062	0.139	/
			1	49	Bottom Side	2310	0.707	0.43	13.50	13.35	1.035	0.732	72
			50	24	Bottom Side	2310	0.565	-0.07	12.50	12.24	1.062	0.600	/
LTE Band 41	20M	QPSK	1	49	Front side	2680	0.341	3.87	25.00	24.91	1.021	0.348	/
			50	24	Front side	2680	0.272	0.37	24.80	24.67	1.030	0.280	/
			1	49	Back Side	2680	0.607	1.67	25.00	24.91	1.021	0.620	/
			50	24	Back Side	2680	0.487	-2.54	24.80	24.67	1.030	0.502	/
			1	49	Left Side	2680	0.177	-1.05	25.00	24.91	1.021	0.181	/
			50	24	Left Side	2680	0.141	-0.66	24.80	24.67	1.030	0.145	/
			1	49	Right Side	2680	0.115	-2.62	25.00	24.91	1.021	0.117	/
			50	24	Right Side	2680	0.091	-0.48	24.80	24.67	1.030	0.094	/
			1	49	Bottom Side	2680	0.755	3.60	25.00	24.91	1.021	0.771	74
			50	24	Bottom Side	2680	0.603	0.04	24.80	24.67	1.030	0.621	/
LTE Band 66	20M	QPSK	1	99	Front side	1770	0.246	2.21	18.50	18.24	1.062	0.261	/
			50	49	Front side	1770	0.197	2.14	17.20	17.05	1.035	0.204	/
			1	99	Back Side	1770	0.431	2.97	18.50	18.24	1.062	0.458	/
			50	49	Back Side	1770	0.346	0.16	17.20	17.05	1.035	0.358	/
			1	99	Left Side	1770	0.128	0.94	18.50	18.24	1.062	0.136	/
			50	49	Left Side	1770	0.102	2.72	17.20	17.05	1.035	0.106	/
			1	99	Bottom Side	1770	0.538	-0.35	18.50	18.24	1.062	0.571	76
			50	49	Bottom Side	1770	0.433	3.42	17.20	17.05	1.035	0.448	/
LTE Band 71	20M	QPSK	1	99	Front side	688	0.152	-0.18	23.70	23.66	1.009	0.153	/
			50	24	Front side	680.5	0.125	2.44	22.70	22.54	1.038	0.130	/
			1	99	Back Side	688	0.269	1.27	23.70	23.66	1.009	0.271	/
			50	24	Back Side	680.5	0.218	3.12	22.70	22.54	1.038	0.226	/
			1	99	Left Side	688	0.080	0.23	23.70	23.66	1.009	0.081	/
			50	24	Left Side	680.5	0.063	1.04	22.70	22.54	1.038	0.065	/
			1	99	Right Side	688	0.049	-1.79	23.70	23.66	1.009	0.049	/
			50	24	Right Side	680.5	0.042	0.97	22.70	22.54	1.038	0.044	/



			1	99	Bottom Side	688	0.335	-3.82	23.70	23.66	1.009	0.338	78
			50	24	Bottom Side	680.5	0.268	-0.17	22.70	22.54	1.038	0.278	/
SA N2	20M	DFT_BPSK	1	104	Front side	1900	0.254	-2.79	15.30	15.11	1.045	0.265	/
			50	25	Front side	1900	0.205	3.25	15.10	14.99	1.026	0.210	/
			1	104	Back Side	1900	0.451	3.73	15.30	15.11	1.045	0.471	/
			50	25	Back Side	1900	0.361	3.28	15.10	14.99	1.026	0.370	/
			1	104	Top Side	1900	0.558	1.78	15.30	15.11	1.045	0.583	80
			50	25	Top Side	1900	0.444	-3.93	15.10	14.99	1.026	0.455	/
SA N5	20M	DFT_BPSK	1	104	Front side	839	0.245	0.89	21.60	21.39	1.050	0.257	/
			50	25	Front side	839	0.195	-2.84	21.00	20.85	1.035	0.202	/
			1	104	Back Side	839	0.433	-1.92	21.60	21.39	1.050	0.454	/
			50	25	Back Side	839	0.348	2.01	21.00	20.85	1.035	0.360	/
			1	104	Left Side	839	0.124	-1.02	21.60	21.39	1.050	0.130	/
			50	25	Left Side	839	0.100	-4.00	21.00	20.85	1.035	0.104	/
			1	104	Bottom Side	839	0.539	0.72	21.60	21.39	1.050	0.566	82
			50	25	Bottom Side	839	0.431	-3.57	21.00	20.85	1.035	0.446	/
SA N7	50M	DFT_BPSK	1	104	Front side	2560	0.254	0.81	22.90	22.64	1.062	0.270	/
			50	25	Front side	2535	0.204	-1.28	22.50	22.47	1.007	0.205	/
			1	104	Back Side	2560	0.447	2.45	22.90	22.64	1.062	0.475	/
			50	25	Back Side	2535	0.355	-2.51	22.50	22.47	1.007	0.357	/
			1	104	Left Side	2560	0.074	-3.32	22.90	22.64	1.062	0.079	/
			50	25	Left Side	2535	0.061	-0.74	22.50	22.47	1.007	0.061	/
			1	104	Right Side	2560	0.223	1.08	22.90	22.64	1.062	0.237	/
			50	25	Right Side	2535	0.177	-2.92	22.50	22.47	1.007	0.178	/
			1	104	Top Side	2560	0.554	-3.55	22.90	22.64	1.062	0.588	84
			50	25	Top Side	2535	0.446	3.01	22.50	22.47	1.007	0.449	/
SA N25	15M	DFT_BPSK	1	104	Front side	1860	0.237	-2.07	15.30	15.09	1.050	0.249	/
			50	25	Front side	1905	0.190	-3.41	15.20	15.07	1.030	0.196	/
			1	104	Back Side	1860	0.419	-0.89	15.30	15.09	1.050	0.440	/
			50	25	Back Side	1905	0.335	2.47	15.20	15.07	1.030	0.345	/
			1	104	Right Side	1860	0.211	-3.20	15.30	15.09	1.050	0.221	/
			50	25	Right Side	1905	0.167	1.86	15.20	15.07	1.030	0.172	/
			1	104	Top Side	1860	0.522	-1.87	15.30	15.09	1.050	0.548	86



			50	25	Top Side	1905	0.421	-2.81	15.20	15.07	1.030	0.434	/
SA N26	10M	DFT_BPSK	1	23	Front side	814.32	0.177	1.85	22.50	22.34	1.038	0.184	/
			25	12	Front side	814.32	0.219	-2.02	22.70	22.48	1.052	0.230	/
			1	23	Back Side	814.32	0.314	0.20	22.50	22.34	1.038	0.326	/
			25	12	Back Side	814.32	0.390	3.32	22.70	22.48	1.052	0.410	/
			1	23	Left Side	814.32	0.089	-2.33	22.50	22.34	1.038	0.092	/
			25	12	Left Side	814.32	0.114	-1.34	22.70	22.48	1.052	0.120	/
			1	23	Right Side	814.32	0.062	3.26	22.50	22.34	1.038	0.064	/
			25	12	Right Side	814.32	0.077	1.34	22.70	22.48	1.052	0.081	/
			1	23	Bottom Side	814.32	0.386	0.20	22.50	22.34	1.038	0.400	/
			25	12	Bottom Side	814.32	0.483	-0.30	22.70	22.48	1.052	0.508	88
SA N38	40M	DFT_BPSK	1	104	Front side	2600	0.206	2.14	22.60	22.48	1.028	0.212	/
			50	25	Front side	2600	0.257	0.80	22.80	22.53	1.064	0.273	/
			1	104	Back Side	2600	0.369	-0.92	22.60	22.48	1.028	0.379	/
			50	25	Back Side	2600	0.460	2.55	22.80	22.53	1.064	0.490	/
			1	104	Left Side	2600	0.063	-1.18	22.60	22.48	1.028	0.065	/
			50	25	Left Side	2600	0.075	-0.74	22.80	22.53	1.064	0.080	/
			1	104	Right Side	2600	0.185	2.68	22.60	22.48	1.028	0.190	/
			50	25	Right Side	2600	0.232	0.17	22.80	22.53	1.064	0.247	/
			1	104	Top Side	2600	0.455	-2.01	22.60	22.48	1.028	0.468	/
			50	25	Top Side	2600	0.570	3.13	22.80	22.53	1.064	0.607	90
SA N41	100M	DFT_QPSK	1	271	Front side	2592.99	0.116	-2.97	22.60	22.51	1.021	0.118	/
			135	67	Front side	2640	0.145	-3.32	23.10	22.62	1.117	0.162	/
			1	271	Back Side	2592.99	0.208	0.25	22.60	22.51	1.021	0.212	/
			135	67	Back Side	2640	0.258	-2.20	23.10	22.62	1.117	0.288	/
			1	271	Left Side	2592.99	0.033	-1.00	22.60	22.51	1.021	0.034	/
			135	67	Left Side	2640	0.043	1.80	23.10	22.62	1.117	0.048	/
			1	271	Right Side	2592.99	0.107	-1.19	22.60	22.51	1.021	0.109	/
			135	67	Right Side	2640	0.130	0.87	23.10	22.62	1.117	0.145	/
			1	271	Top Side	2592.99	0.256	-1.68	22.60	22.51	1.021	0.261	/
			135	67	Top Side	2640	0.321	1.70	23.10	22.62	1.117	0.359	92
SA N66	40M	DFT_QPSK	1	1	Front side	1712.5	0.137	-1.59	19.50	19.13	1.089	0.149	/
			108	54	Front side	1712.5	0.109	-1.02	19.00	18.86	1.033	0.113	/



			1	1	Back Side	1712.5	0.243	1.31	19.50	19.13	1.089	0.265	/
			108	54	Back Side	1712.5	0.195	-2.70	19.00	18.86	1.033	0.201	/
			1	1	Right Side	1712.5	0.122	0.67	19.50	19.13	1.089	0.133	/
			108	54	Right Side	1712.5	0.097	-3.78	19.00	18.86	1.033	0.100	/
			1	1	Top Side	1712.5	0.304	-0.59	19.50	19.13	1.089	0.331	94
			108	54	Top Side	1712.5	0.246	-0.47	19.00	18.86	1.033	0.254	/
SA N71	20M	DFT_BPSK	1	1	Front side	680.5	0.123	-0.90	23.70	23.51	1.045	0.129	/
			50	25	Front side	680.5	0.100	1.12	23.60	23.47	1.030	0.103	/
			1	1	Back Side	680.5	0.223	3.44	23.70	23.51	1.045	0.233	/
			50	25	Back Side	680.5	0.178	-2.21	23.60	23.47	1.030	0.183	/
			1	1	Left Side	680.5	0.064	-2.43	23.70	23.51	1.045	0.067	/
			50	25	Left Side	680.5	0.054	1.57	23.60	23.47	1.030	0.056	/
			1	1	Right Side	680.5	0.043	2.04	23.70	23.51	1.045	0.045	/
			50	25	Right Side	680.5	0.033	1.70	23.60	23.47	1.030	0.034	/
			1	1	Bottom Side	680.5	0.275	-3.48	23.70	23.51	1.045	0.287	96
			50	25	Bottom Side	680.5	0.220	1.74	23.60	23.47	1.030	0.227	/
SA N77	100M	DFT_QPSK	1	271	Front side	3840	0.420	0.06	17.80	17.47	1.079	0.453	/
			135	67	Front side	3840	0.337	-1.07	17.20	17.09	1.026	0.346	/
			1	271	Back Side	3840	0.521	-0.41	17.80	17.47	1.079	0.562	/
			135	67	Back Side	3840	0.419	2.12	17.20	17.09	1.026	0.430	/
			1	271	Right Side	3840	0.695	-0.86	17.80	17.47	1.079	0.750	98
			135	67	Right Side	3840	0.555	0.54	17.20	17.09	1.026	0.569	/
			1	271	Bottom Side	3840	0.216	-0.65	17.80	17.47	1.079	0.233	/
			135	67	Bottom Side	3840	0.171	-3.17	17.20	17.09	1.026	0.175	/
SA N78	100M	DFT_QPSK	1	271	Front side	3750	0.435	-2.64	19.30	19.10	1.047	0.456	/
			135	67	Front side	3750	0.352	0.05	19.00	18.77	1.054	0.371	/
			1	271	Back Side	3750	0.545	2.71	19.30	19.10	1.047	0.571	/
			135	67	Back Side	3750	0.440	0.20	19.00	18.77	1.054	0.464	/
			1	271	Right Side	3750	0.724	2.71	19.30	19.10	1.047	0.758	100
			135	67	Right Side	3750	0.578	2.21	19.00	18.77	1.054	0.609	/
			1	271	Bottom Side	3750	0.188	1.13	19.30	19.10	1.047	0.197	/
			135	67	Bottom Side	3750	0.154	-1.94	19.00	18.77	1.054	0.162	/



NSA

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
SA N41	100M	DFT_QPSK	1	271	Front side	2592.99	0.116	-2.97	22.60	22.51	1.021	0.118	/
			135	67	Front side	2640	0.145	-3.32	23.10	22.62	1.117	0.162	/
			1	271	Back Side	2592.99	0.208	0.25	22.60	22.51	1.021	0.212	/
			135	67	Back Side	2640	0.258	-2.20	23.10	22.62	1.117	0.288	/
			1	271	Left Side	2592.99	0.033	-1.00	22.60	22.51	1.021	0.034	/
			135	67	Left Side	2640	0.043	1.80	23.10	22.62	1.117	0.048	/
			1	271	Right Side	2592.99	0.107	-1.19	22.60	22.51	1.021	0.109	/
			135	67	Right Side	2640	0.130	0.87	23.10	22.62	1.117	0.145	/
			1	271	Top Side	2592.99	0.256	-1.68	22.60	22.51	1.021	0.261	/
			135	67	Top Side	2640	0.321	1.70	23.10	22.62	1.117	0.359	92
LTE Band 5	10M	QPSK	1	49	Front side	836.5	0.193	-3.93	24.00	23.96	1.009	0.195	/
			25	24	Front side	836.5	0.155	3.14	23.10	22.99	1.026	0.159	/
			1	49	Back Side	836.5	0.341	-1.89	24.00	23.96	1.009	0.344	/
			25	24	Back Side	836.5	0.273	-0.94	23.10	22.99	1.026	0.280	/
			1	49	Left Side	836.5	0.099	1.94	24.00	23.96	1.009	0.100	/
			25	24	Left Side	836.5	0.081	-3.88	23.10	22.99	1.026	0.083	/
			1	49	Right Side	836.5	0.062	-0.21	24.00	23.96	1.009	0.063	/
			25	24	Right Side	836.5	0.050	1.76	23.10	22.99	1.026	0.051	/
			1	49	Bottom Side	836.5	0.426	0.81	24.00	23.96	1.009	0.430	56
			25	24	Bottom Side	836.5	0.343	0.15	23.10	22.99	1.026	0.352	/

Band	Mode	Max SAR (W/Kg)	NSA N41+B5
NSA N41+B5	SA N41	0.359	0.789
	LTE B5	0.430	

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	Ch.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)
WCDMA Band II	RCM	Left Cheek	1852.4	0.780	-0.33	21.60	21.24	1.086	0.847
		Left Cheek	1880	0.826	-3.58	21.60	21.43	1.040	0.859
		Left Cheek	1907.6	0.883	3.28	21.60	21.45	1.035	0.914
		Left Tilt	1907.6	0.799	3.02	21.60	21.45	1.035	0.827
PCS 1900	GPRS (GMSK, 2-Slot)	Bottom Side	1880	0.769	-2.74	29.70	29.50	1.047	0.805

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)
LTE Band 7	20M	QPSK	1	99	Bottom Side	2510	0.892	-3.40	23.50	23.38	1.028	0.917
			1	99	Bottom Side	2535	0.821	1.97	23.50	23.12	1.091	0.896
			1	99	Bottom Side	2560	0.770	-3.14	23.50	22.96	1.132	0.872
SA N2	20M	QPSK	1	104	Left Cheek	1860	0.741	-2.77	15.30	15.08	1.052	0.779
			1	104	Left Cheek	1900	0.760	-2.83	15.30	15.11	1.045	0.794
SA N7	20M	QPSK	1	104	Left Cheek	2510	0.730	0.63	22.90	22.37	1.130	0.825
			1	104	Left Cheek	2535	0.742	-3.12	22.90	22.38	1.127	0.837
			1	104	Left Cheek	2560	0.831	0.22	22.90	22.64	1.062	0.883
			1	104	Left Tilt	2560	0.727	-1.22	22.90	22.64	1.062	0.772
			1	99	Bottom Side	2510	0.891	-3.68	24.5	24.29	1.050	0.935
			1	99	Bottom Side	2535	0.827	-0.66	24.5	24.38	1.028	0.850
			1	99	Bottom Side	2560	0.783	2.56	24.3	23.92	1.091	0.855
SA N25	20M	QPSK	1	104	Right Cheek	1860	0.768	1.24	15.30	15.09	1.050	0.806
			1	104	Left Cheek	1860	0.895	3.05	15.30	15.09	1.050	0.939
			1	104	Left Cheek	1882.5	0.799	2.81	15.30	14.80	1.122	0.897
			1	104	Left Cheek	1905	0.857	3.41	15.30	14.99	1.074	0.921
			50	25	Left Cheek	1860	0.792	0.71	15.20	14.99	1.050	0.831
			50	25	Left Cheek	1905	0.810	1.09	15.20	15.07	1.030	0.834
			1	104	Left Tilt	1860	0.812	-2.06	15.30	15.09	1.050	0.852
			1	104	Left Tilt	1882.5	0.704	0.40	15.30	14.80	1.122	0.790
			1	104	Left Tilt	1905	0.762	0.61	15.30	14.99	1.074	0.818
SA N38	20M	QPSK	50	25	Left Cheek	2600	0.751	2.57	22.80	22.53	1.064	0.800
	20M	QPSK	1	1	Right Cheek	1712.5	0.741	-2.55	19.50	19.13	1.089	0.807



SA N66			1	1	Right Cheek	1745	0.680	-2.82	19.50	18.71	1.199	0.816
			1	1	Left Cheek	1712.5	0.880	-1.16	19.50	19.13	1.089	0.959
			1	1	Left Cheek	1745	0.783	3.42	19.50	18.71	1.199	0.939
			1	1	Left Cheek	1777.5	0.746	-2.18	19.50	18.45	1.274	0.951
			108	54	Left Cheek	1712.5	0.801	3.33	19.00	18.86	1.033	0.828
			108	54	Left Cheek	1745	0.764	2.00	19.00	18.67	1.079	0.825
			108	54	Left Cheek	1777.5	0.677	-0.50	19.00	18.39	1.151	0.779
			1	1	Left Tilt	1712.5	0.808	-2.10	19.50	19.13	1.089	0.880
			1	1	Left Tilt	1745	0.716	3.43	19.50	18.71	1.199	0.859
			1	1	Left Tilt	1777.5	0.681	1.57	19.50	18.45	1.274	0.867



12.4 Repeated SAR measurement

Band	Mode	Test Position	Ch.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
WCDMA Band II	RCM	Left Cheek	1852	0.780	0.766	1.001
		Left Cheek	1880	0.826	0.786	1.036
		Left Cheek	1908	0.883	0.868	1.024
		Left Tilt	1908	0.799	0.778	1.047
PCS 1900	GPRS (GMSK, 2-Slot)	Bottom Side	1880	0.769	0.760	1.031

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
LTE Band 7	20M	QPSK	1	99	Bottom Side	2510	0.936	0.892	1.049
			1	99	Bottom Side	2535	0.862	0.821	1.050
			1	99	Bottom Side	2560	0.803	0.770	1.043
SA N2	20M	QPSK	1	104	Left Cheek	1860	0.762	0.741	1.028
			1	104	Left Cheek	1900	0.799	0.760	1.051
SA N7	20M	QPSK	1	104	Left Cheek	2510	0.732	0.730	1.003
			1	104	Left Cheek	2535	0.768	0.742	1.035
			1	104	Left Cheek	2560	0.844	0.831	1.015
			1	104	Left Tilt	2560	0.761	0.727	1.047
			1	99	Bottom Side	2510	0.936	0.891	1.051
			1	99	Bottom Side	2535	0.862	0.827	1.042
			1	99	Bottom Side	2560	0.803	0.783	1.025
			1	99	Bottom Side	2560	0.803	0.783	1.025
SA N25	20M	QPSK	1	104	Right Cheek	1860	0.777	0.768	1.012
			1	104	Left Cheek	1860	0.916	0.895	1.024
			1	104	Left Cheek	1882.5	0.820	0.799	1.026
			1	104	Left Cheek	1905	0.873	0.857	1.018
			50	25	Left Cheek	1860	0.792	0.792	1.000
			50	25	Left Cheek	1905	0.835	0.810	1.031
			1	104	Left Tilt	1860	0.826	0.812	1.018
			1	104	Left Tilt	1882.5	0.724	0.704	1.029
			1	104	Left Tilt	1905	0.786	0.762	1.032
SA N38	20M	QPSK	50	25	Left Cheek	2600	0.781	0.751	1.039
SA N66	20M	QPSK	1	1	Right Cheek	1712.5	0.768	0.741	1.037
			1	1	Right Cheek	1745	0.683	0.680	1.004
			1	1	Left Cheek	1712.5	0.900	0.880	1.022
			1	1	Left Cheek	1745	0.812	0.783	1.037
			1	1	Left Cheek	1777.5	0.760	0.746	1.018
			108	54	Left Cheek	1712.5	0.820	0.801	1.023
			108	54	Left Cheek	1745	0.768	0.764	1.005
			108	54	Left Cheek	1777.5	0.709	0.677	1.048
			1	1	Left Tilt	1712.5	0.812	0.808	1.004
			1	1	Left Tilt	1745	0.735	0.716	1.026
			1	1	Left Tilt	1777.5	0.689	0.681	1.012

Note:

1. Per KDB 865664 D01, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 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 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 ≥ 1.45 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 + NFC
	2. GSM + Bluetooth + NFC
	3. WCDMA + 2.4GHz WLAN/5G WLAN + NFC
	4. WCDMA + Bluetooth + NFC
	5. LTE + 2.4GHz WLAN/5G WLAN + NFC
	6. LTE + Bluetooth + NFC
	7. NR SA + 2.4GHz WLAN/5G WLAN + NFC
	8. NR SA + Bluetooth + NFC
	9. NSA + 2.4GHz WLAN/5G WLAN + NFC
	10. NSA + Bluetooth + NFC
Body	1. GSM + 2.4GHz WLAN/5G WLAN + NFC
	2. GSM + Bluetooth + NFC
	3. WCDMA + 2.4GHz WLAN/5G WLAN + NFC
	4. WCDMA + Bluetooth + NFC
	5. LTE + 2.4GHz WLAN/5G WLAN + NFC
	6. LTE + Bluetooth + NFC
	7. NR SA + 2.4GHz WLAN/5G WLAN + NFC
	8. NR SA + Bluetooth + NFC
	9. NSA + 2.4GHz WLAN/5G WLAN + NFC
	10. NSA + Bluetooth + NFC

NOTE:

1. Bluetooth and WLAN can't simultaneous transmission at the same time.
2. 2.4G WLAN and 5G WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:
 - a) (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.
 - b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is >50mm.

Estimated SAR		Maximum Turn-up Power		Antenna to user(mm)	Frequency(GHz)	Stand Alone SAR(1g) [W/kg]
		dBm	mW			
BT	Head	7.5	5.623	5	2.441	0.234
	Body			5	2.441	0.234
NFC	Head	-38	0.000158	5	0.01356	0.0000005
	Body			5	0.01356	0.0000005



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN + NFC	Head	GSM	0.184	0.511
		NFC	0.0000005	
		2.4G WLAN	0.327	
	Body	GSM	0.805	1.135
		NFC	0.0000005	
		2.4G WLAN	0.330	
GSM + Bluetooth+ NFC	Head	GSM	0.184	0.418
		NFC	0.0000005	
		BT	0.234	
	Body	GSM	0.805	1.039
		NFC	0.0000005	
		BT	0.234	
GSM + 5G WLAN+ NFC	Head	GSM	0.184	0.738
		NFC	0.0000005	
		5G WLAN	0.554	
	Body	GSM	0.805	1.368
		NFC	0.0000005	
		5G WLAN	0.563	
WCDMA + 2.4G WLAN + NFC	Head	WCDMA	0.914	1.241
		NFC	0.0000005	
		2.4G WLAN	0.327	
	Body	WCDMA	0.755	1.085
		NFC	0.0000005	
		2.4G WLAN	0.330	
WCDMA + Bluetooth+ NFC	Head	WCDMA	0.914	1.148
		NFC	0.0000005	
		BT	0.234	
	Body	WCDMA	0.755	0.989
		NFC	0.0000005	
		BT	0.234	
WCDMA + 5G WLAN+ NFC	Head	WCDMA	0.914	1.468
		NFC	0.0000005	
		5G WLAN	0.554	
	Body	WCDMA	0.755	1.318
		NFC	0.0000005	
		5G WLAN	0.563	
LTE + 2.4G WLAN + NFC	Head	LTE	0.616	0.943
		NFC	0.0000005	
		2.4G WLAN	0.327	
	Body	LTE	0.962	1.292
		NFC	0.0000005	
		2.4G WLAN	0.330	
LTE + Bluetooth+ NFC	Head	LTE	0.616	0.850
		NFC	0.0000005	
		BT	0.234	
	Body	LTE	0.962	1.196
		NFC	0.0000005	



		BT	0.234	
LTE + 5G WLAN+ NFC	Head	LTE	0.616	1.170
		NFC	0.0000005	
		5G WLAN	0.554	
	Body	LTE	0.962	1.525
		NFC	0.0000005	
		5G WLAN	0.563	
NR SA + 2.4G WLAN + NFC	Head	NR SA	0.980	1.307
		NFC	0.0000005	
		2.4G WLAN	0.327	
	Body	NR SA	0.758	1.088
		NFC	0.0000005	
		2.4G WLAN	0.330	
NR SA + Bluetooth+ NFC	Head	NR SA	0.980	1.214
		NFC	0.0000005	
		BT	0.234	
	Body	NR SA	0.758	0.992
		NFC	0.0000005	
		BT	0.234	
NR SA + 5G WLAN+ NFC	Head	NR SA	0.980	1.534
		NFC	0.0000005	
		5G WLAN	0.554	
	Body	NR SA	0.758	1.321
		NFC	0.0000005	
		5G WLAN	0.563	
NSA + 2.4G WLAN + NFC	Head	NSA	0.549	0.876
		NFC	0.0000005	
		2.4G WLAN	0.327	
	Body	NSA	0.789	1.119
		NFC	0.0000005	
		2.4G WLAN	0.330	
NSA + Bluetooth+ NFC	Head	NSA	0.549	0.783
		NFC	0.0000005	
		BT	0.234	
	Body	NSA	0.789	1.023
		NFC	0.0000005	
		BT	0.234	
NSA + 5G WLAN+ NFC	Head	NSA	0.549	1.103
		NFC	0.0000005	
		5G WLAN	0.554	
	Body	NSA	0.789	1.352
		NFC	0.0000005	
		5G WLAN	0.563	

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

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



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
750MHz Dipole	MVG	DIP0G750	SN 06/22 DIP0G750-638	2025.02.05	2028.02.04
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2025.02.05	2028.02.04
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2025.02.05	2028.02.04
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2025.02.05	2028.02.04
2300MHz Dipole	MVG	DIP2G300	SN 06/22 DIP2G100-644	2025.02.05	2028.02.04
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2025.02.05	2028.02.04
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2025.02.05	2028.02.04
3700MHz Dipole	MVG	DIP3G700	SN 06/22 DIP3G700-648	2025.02.05	2028.02.04
3900MHz Dipole	MVG	DIP3G900	SN 06/22 DIP3G900-649	2025.02.05	2028.02.04
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2025.02.05	2028.02.04
E-Field Probe	MVG	EPGO364	SN 04/22 EPGO364	2025.02.05	2026.02.04
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2025.02.05	2026.02.04
Antenna	MVG	ANTA 73	SN 06/22 ANTA 73	N/A	N/A
Ellipsoid Phantom	MVG	ELLI 51	SN 06/22 ELLI 51	N/A	N/A
Phantom	MVG	SAM 148	SN 06/22 SAM148	N/A	N/A
Phone holder	MVG	MSH 117	SN 06/22 MSH 117	N/A	N/A
Laptop positioner	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDCP	202203280013	N/A	N/A
Network Analyzer	ZVL	R&S	116184	2025.03.05	2026.03.04
Multi Meter	DMM6500	Keithley	4527252	2025.03.06	2026.03.05
Signal Generator	Keysight	N5182B	MY59100717	2025.03.05	2026.03.04
Wireless Communication Test Set	R&S	CMW500	137737	2025.03.05	2026.03.04
Power Sensor	R&S	Z11	116184	2025.03.05	2026.03.04
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2025.03.05	2026.03.04
Temperature hygrometer	N/A	TP101	N/A	2025.03.05	2026.03.04



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

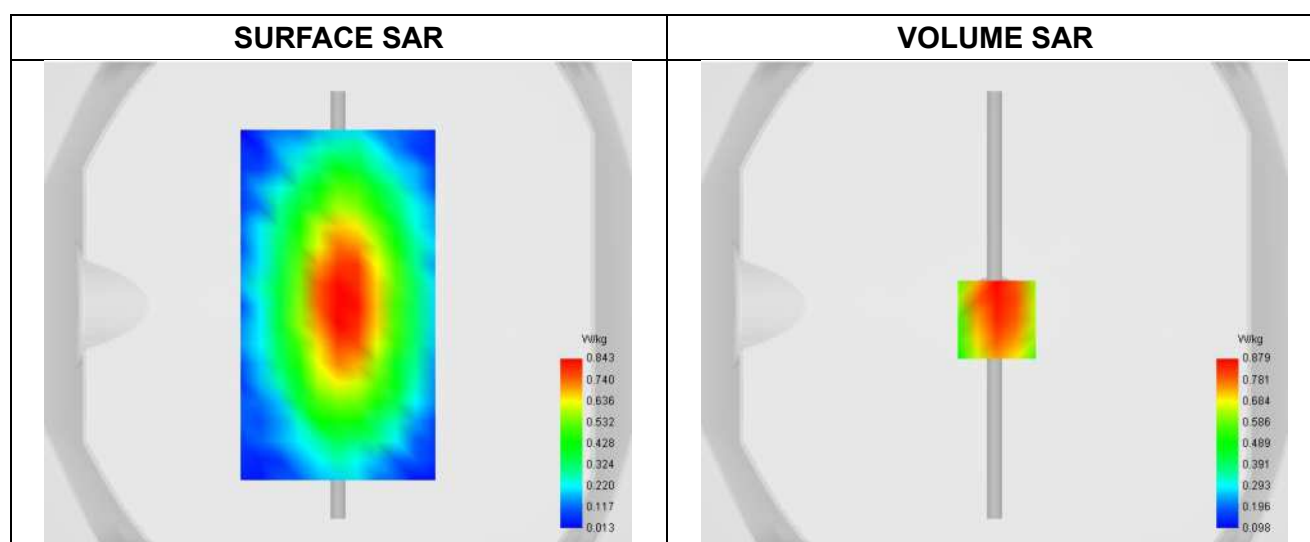
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-05-21

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.73
Conductivity (S/m)	0.93
Probe	SN 04/22 EPGO364
ConvF	1.67
Crest factor:	1:1

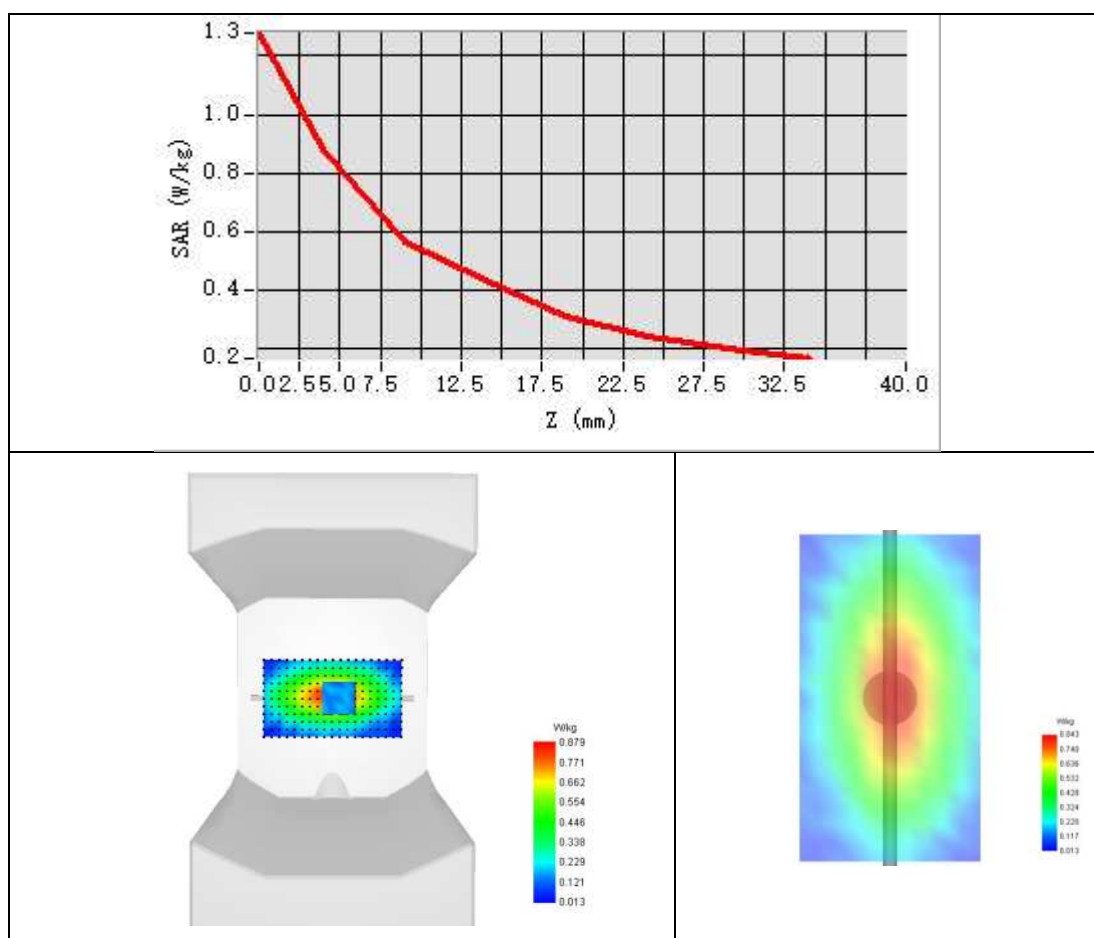


Maximum location: X=1.00, Y=-6.00 ; SAR Peak: 1.20 W/kg

SAR 10g (W/Kg)	0.556
SAR 1g (W/Kg)	0.840



Z Axis Scan





System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

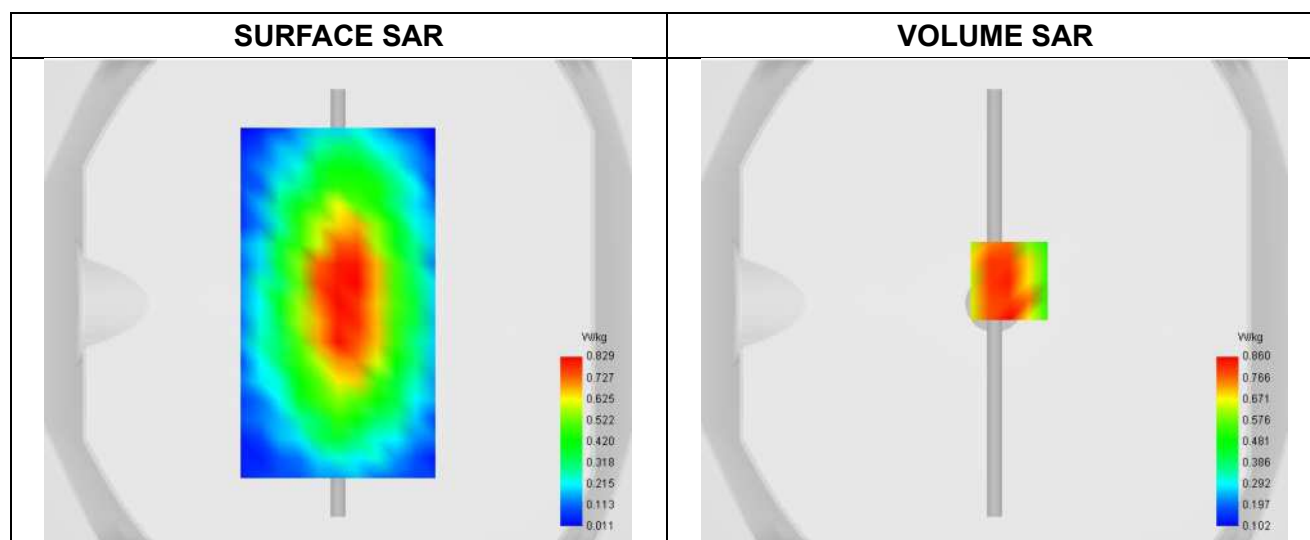
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-05-08

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.75
Conductivity (S/m)	0.91
Probe	SN 04/22 EPGO364
ConvF	1.67
Crest factor:	1:1

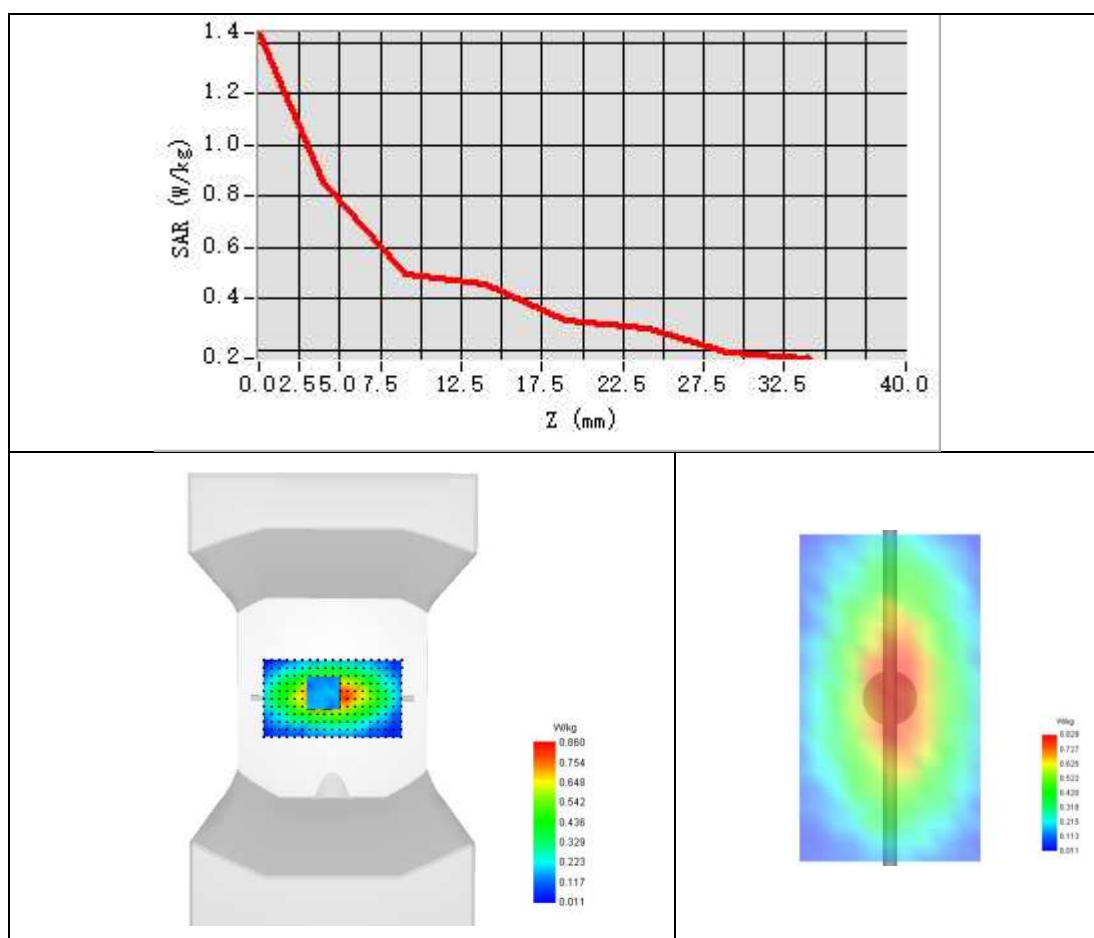


Maximum location: X=6.00, Y=9.00 ; SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.539
SAR 1g (W/Kg)	0.866



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

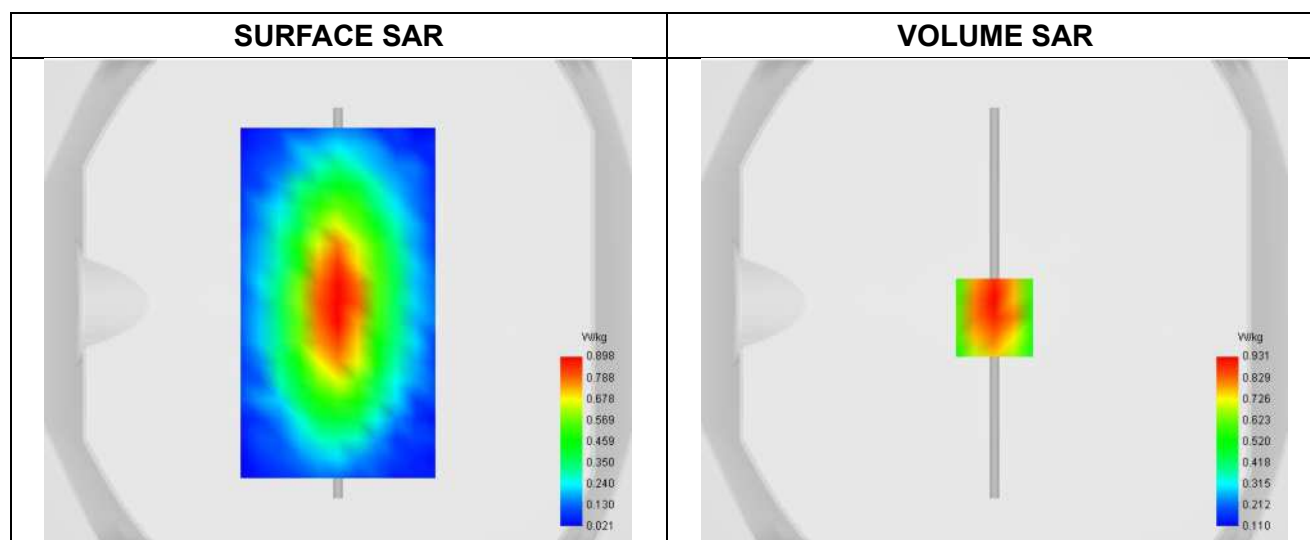
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-05-14

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.25
Conductivity (S/m)	0.92
Probe	SN 04/22 EPGO364
ConvF	1.72
Crest factor:	1:1

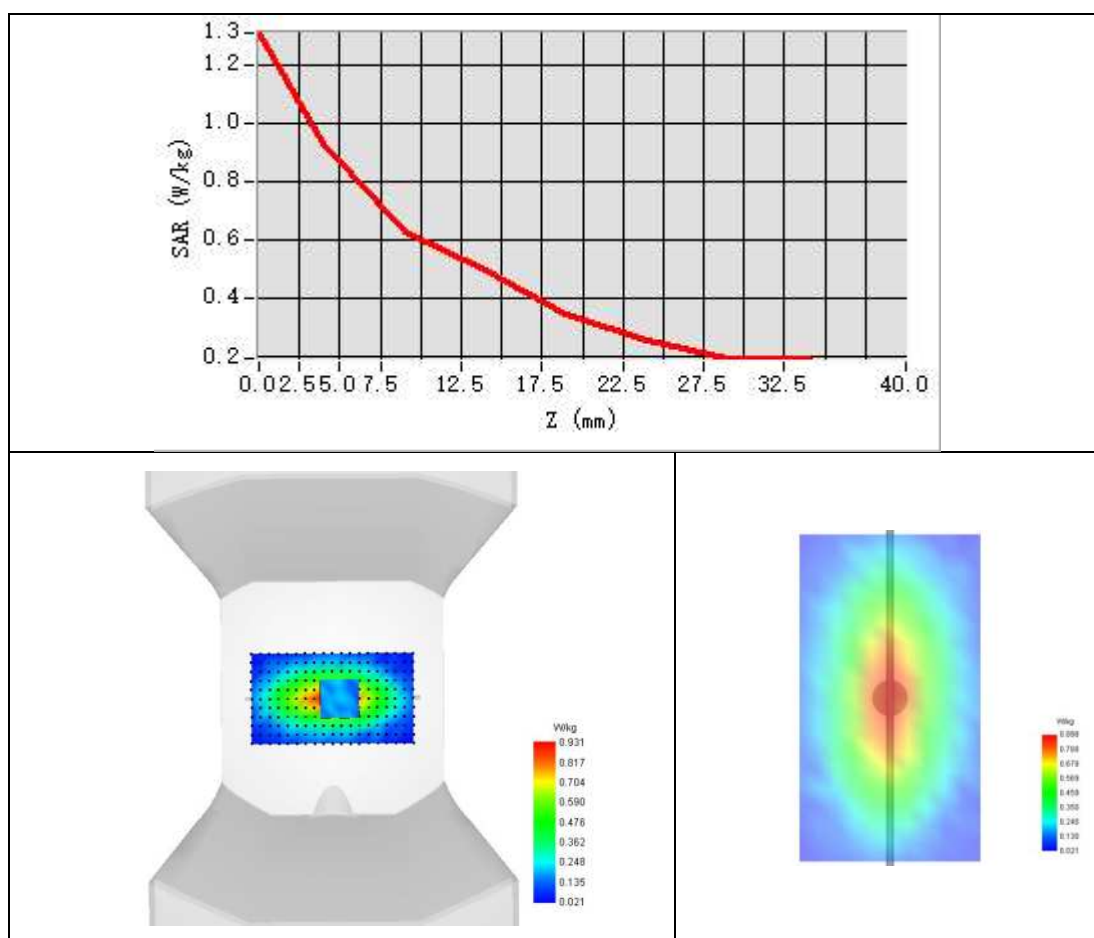


Maximum location: X=0.00, Y=-6.00 ; SAR Peak: 1.16 W/kg

SAR 10g (W/Kg)	0.595
SAR 1g (W/Kg)	0.976



Z Axis Scan





System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

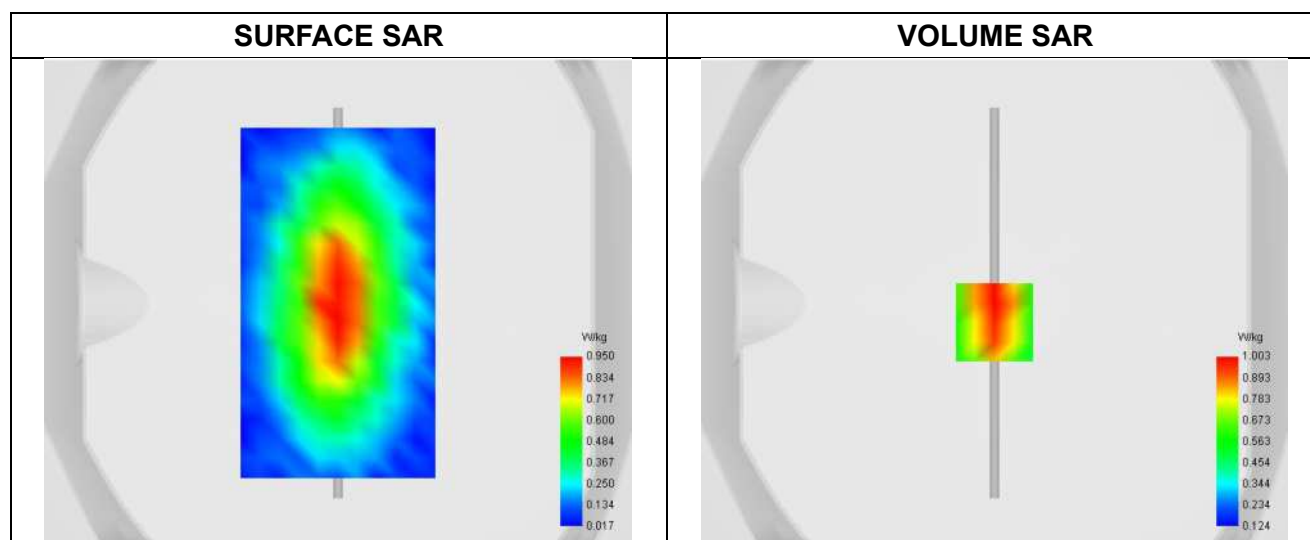
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-05-24

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	42.09
Conductivity (S/m)	0.93
Probe	SN 04/22 EPGO364
ConvF	1.72
Crest factor:	1:1

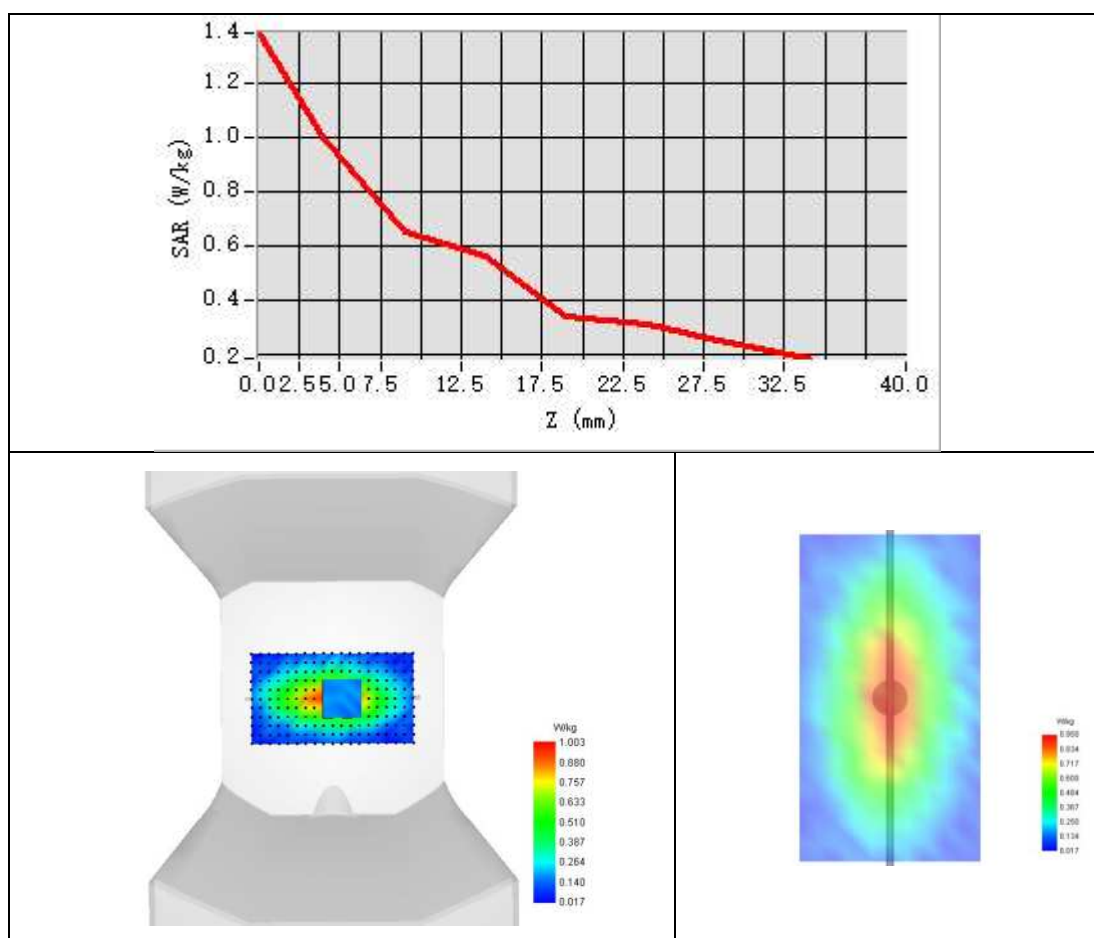


Maximum location: X=0.00, Y=-8.00 ; SAR Peak: 1.48 W/kg

SAR 10g (W/Kg)	0.605
SAR 1g (W/Kg)	0.988



Z Axis Scan





System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)

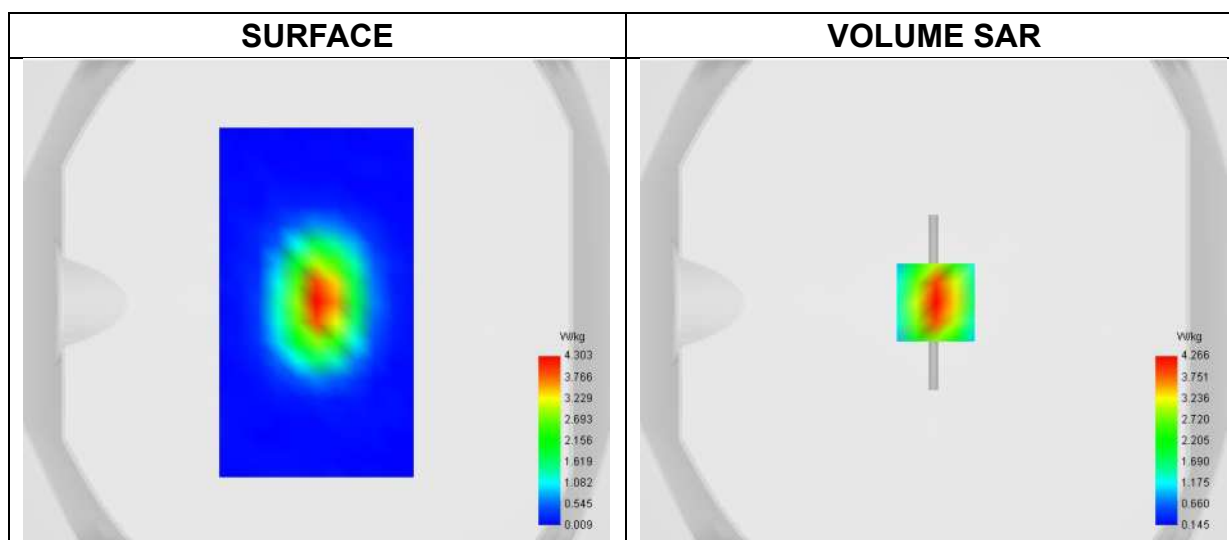
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement:2025-05-11

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.65
Conductivity (S/m)	1.35
Probe	SN 04/22 EPGO364
ConvF	1.92
Crest factor:	1:1



Maximum location: X=1.00, Y=0.00 ; SAR Peak: 6.27 W/kg

SAR 10g (W/Kg)	2.017
SAR 1g (W/Kg)	3.929