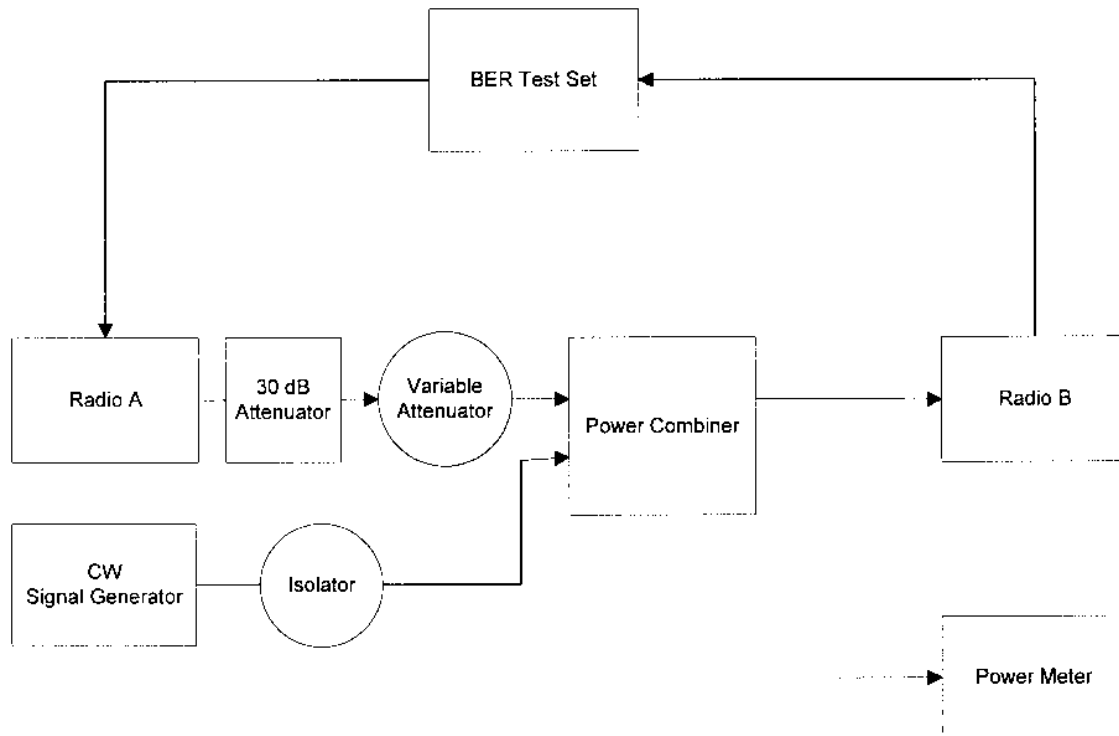


APPENDIX G
Processing Gain

Set up for measurement of Processing Gain



Processing Gain Test Procedure for Access Link

- 1 Connect the equipment shown on the attached drawing.
- 2 Note that all test equipment must be current in calibration.
- 3 Turn on all equipment and verify normal operation of the link.
- 4 Set the CW Signal Generator to the channel center frequency.
- 5 Set the CW Signal Generator to -80 dBm.
- 6 Turn off Radio B and connect the Power Combiner output to the Power Meter.
- 7 Adjust the Variable Attenuator to give a reading of -10 dBm on the Power Meter.
- 8 Note the Variable Attenuator reading. Let this be xx dB.
- 9 Turn off Radio A.
- 10 Adjust the CW Signal Generator to give a reading of -10 dBm on the Power Meter.
- 11 Note the offset from the set value on the Generator. Let this be yy dB
- 12 Reconnect the Power Combiner to Radio B and switch both Radios on.
- 13 Set the Variable Attenuator to xx + 40 dB. I.e. A received signal of -50 dBm
- 14 Increase the CW Signal Generator power level until the BER is 1×10^{-6} .
- 15 Record the level as zz dBm on the attached spread sheet.
- 16 Move the CW Signal Generator in 50 kHz increments for + - 13 MHz from the center frequency and note the readings as in 14 and 15 above.
- 17 Repeat for the other band.
- 18 Transfer the readings obtained to the Excel spread sheet for calculation of PG.
- 19 The PG (Processing Gain) is defined by the FCC in 15.247 (e) (2) as:

$$PG = (S/N)_o + M_j + L_{sys}$$

where $(S/N)_o$ = signal to noise ratio required for the chosen BER
 M_j = J/S ratio
 L_{sys} = system losses

For the Access Link $(S/N)_o$ is taken to be 10.5 dB, system losses are 1.5 dB.

There are 521 readings for each band. The worst 20% of each band can be deleted.

The chipping rate in this radio is 32 768 MHz derived from a Temperature Compensated Crystal Oscillator.

The Baseband frequency is 2.978 MHz which is spread using an 11 bit Barker sequence.

The baseband signal is used for the DS1 traffic, a monitoring and control overhead channel, a single voice channel used for technical maintainance and additional capacity intended for Forward Error Correction (FEC) as a future option.

During initial acquisition a 15 bit code is used, but the chipping rate remains the same as during normal transmission.

Low Band centered on 2418 MHz

Frequency	yy dB	zz dB	Input Signal dBm	Jammer Signal dBm	Lsys dB	Mj ratio	(S/N)o dB	PG dB	Reading #
2405.00	3.6	-34.8	-50	-38.4	1.5	11.6	10.5	23.6	1
2405.05	3.6	-34.7	-50	-38.3	1.5	11.7	10.5	23.7	2
2405.10	3.6	-34.7	-50	-38.3	1.5	11.7	10.5	23.7	3
2405.15	3.6	-34.7	-50	-38.3	1.5	11.7	10.5	23.7	4
2405.20	3.6	-36.0	-50	-39.6	1.5	10.4	10.5	22.4	5
2405.25	3.6	-36.9	-50	-40.5	1.5	9.50	10.5	21.5	6
2405.30	3.6	-36.9	-50	-40.5	1.5	9.50	10.5	21.5	7
2405.35	3.6	-35.8	-50	-39.4	1.5	10.6	10.5	22.6	8
2405.40	3.6	-35.9	-50	-39.5	1.5	10.5	10.5	22.5	9
2405.45	3.6	-37.4	-50	-41.0	1.5	9.0	10.5	21.0	10
2405.50	3.6	-37.5	-50	-41.1	1.5	8.9	10.5	20.9	11
2405.55	3.6	-37.5	-50	-41.1	1.5	8.9	10.5	20.9	12
2405.60	3.6	-37.5	-50	-41.1	1.5	8.9	10.5	20.9	13
2405.65	3.6	-37.9	-50	-41.5	1.5	8.5	10.5	20.5	14
2405.70	3.6	-38.4	-50	-42.0	1.5	8.0	10.5	20.0	15
2405.75	3.6	-38.2	-50	-41.8	1.5	8.2	10.5	20.2	16
2405.80	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	17
2405.85	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	18
2405.90	3.6	-40.2	-50	-43.8	1.5	6.2	10.5	18.2	19
2405.95	3.6	-38.4	-50	-42.0	1.5	8.0	10.5	20.0	20
2406.00	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	21
2406.05	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	22
2406.10	3.6	-37.9	-50	-41.5	1.5	8.5	10.5	20.5	23
2406.15	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	24
2406.20	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	25
2406.25	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	26
2406.30	3.6	-39.2	-50	-42.8	1.5	7.2	10.5	19.2	27
2406.35	3.6	-41.3	-50	-44.9	1.5	5.1	10.5	17.1	28
2406.40	3.6	-39.9	-50	-43.5	1.5	6.5	10.5	18.5	29
2406.45	3.6	-40.2	-50	-43.8	1.5	6.2	10.5	18.2	30
2406.50	3.6	-39.7	-50	-43.3	1.5	6.7	10.5	18.7	31
2406.55	3.6	-39.4	-50	-43.0	1.5	7.0	10.5	19.0	32
2406.60	3.6	-39.4	-50	-43.0	1.5	7.0	10.5	19.0	33
2406.65	3.6	-40.0	-50	-43.6	1.5	6.4	10.5	18.4	34
2406.70	3.6	-39.8	-50	-43.4	1.5	6.6	10.5	18.6	35
2406.75	3.6	-40.0	-50	-43.6	1.5	6.4	10.5	18.4	36
2406.80	3.6	-40.6	-50	-44.2	1.5	5.8	10.5	17.8	37
2406.85	3.6	-39.8	-50	-43.4	1.5	6.6	10.5	18.6	38
2406.90	3.6	-39.1	-50	-42.7	1.5	7.3	10.5	19.3	39
2406.95	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	40
2407.00	3.6	-39.1	-50	-42.7	1.5	7.3	10.5	19.3	41
2407.05	3.6	-39.6	-50	-43.2	1.5	6.8	10.5	18.8	42
2407.10	3.6	-40.4	-50	-44.0	1.5	6.0	10.5	18.0	43
2407.15	3.6	-39.9	-50	-43.5	1.5	6.5	10.5	18.5	44

2407.20	3.6	-40.5	-50	-44.1	1.5	5.9	10.5	17.9	45
2407.25	3.6	-40.9	-50	-44.5	1.5	5.5	10.5	17.5	46
2407.30	3.6	-40.9	-50	-44.5	1.5	5.5	10.5	17.5	47
2407.35	3.6	-41.0	-50	-44.6	1.5	5.4	10.5	17.4	48
2407.40	3.6	-40.3	-50	-43.9	1.5	6.1	10.5	18.1	49
2407.45	3.6	-40.2	-50	-43.8	1.5	6.2	10.5	18.2	50
2407.50	3.6	-40.2	-50	-43.8	1.5	6.2	10.5	18.2	51
2407.55	3.6	-39.7	-50	-43.3	1.5	6.7	10.5	18.7	52
2407.60	3.6	-39.7	-50	-43.3	1.5	6.7	10.5	18.7	53
2407.65	3.6	-39.6	-50	-43.2	1.5	6.8	10.5	18.8	54
2407.70	3.6	-39.6	-50	-43.2	1.5	6.8	10.5	18.8	55
2407.75	3.6	-39.8	-50	-43.4	1.5	6.6	10.5	18.6	56
2407.80	3.6	-39.1	-50	-42.7	1.5	7.3	10.5	19.3	57
2407.85	3.6	-39.3	-50	-42.9	1.5	7.1	10.5	19.1	58
2407.90	3.6	-39.4	-50	-43.0	1.5	7.0	10.5	19.0	59
2407.95	3.6	-39.1	-50	-42.7	1.5	7.3	10.5	19.3	60
2408.00	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	61
2408.05	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	62
2408.10	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	63
2408.15	3.6	-38.6	-50	-42.2	1.5	7.8	10.5	19.8	64
2408.20	3.6	-37.2	-50	-40.8	1.5	9.2	10.5	21.2	65
2408.25	3.6	-37.4	-50	-41.0	1.5	9.0	10.5	21.0	66
2408.30	3.6	-37.7	-50	-41.3	1.5	8.7	10.5	20.7	67
2408.35	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	68
2408.40	3.6	-38.6	-50	-42.2	1.5	7.8	10.5	19.8	69
2408.45	3.6	-39.0	-50	-42.6	1.5	7.4	10.5	19.4	70
2408.50	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	71
2408.55	3.6	-39.6	-50	-43.2	1.5	6.8	10.5	18.8	72
2408.60	3.6	-39.5	-50	-43.1	1.5	6.9	10.5	18.9	73
2408.65	3.6	-39.8	-50	-43.4	1.5	6.6	10.5	18.6	74
2408.70	3.6	-40.3	-50	-43.9	1.5	6.1	10.5	18.1	75
2408.75	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	76
2408.80	3.6	-39.0	-50	-42.6	1.5	7.4	10.5	19.4	77
2408.85	3.6	-39.0	-50	-42.6	1.5	7.4	10.5	19.4	78
2408.90	3.6	-38.8	-50	-42.4	1.5	7.6	10.5	19.6	79
2408.95	3.6	-38.4	-50	-42.0	1.5	8.0	10.5	20.0	80
2409.00	3.6	-38.2	-50	-41.8	1.5	8.2	10.5	20.2	81
2409.05	3.6	-38.1	-50	-41.7	1.5	8.3	10.5	20.3	82
2409.10	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	83
2409.15	3.6	-37.8	-50	-41.4	1.5	8.6	10.5	20.6	84
2409.20	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	85
2409.25	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	86
2409.30	3.6	-38.2	-50	-41.8	1.5	8.2	10.5	20.2	87
2409.35	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	88
2409.40	3.6	-37.7	-50	-41.3	1.5	8.7	10.5	20.7	89
2409.45	3.6	-37.7	-50	-41.3	1.5	8.7	10.5	20.7	90
2409.50	3.6	-36.7	-50	-40.3	1.5	9.7	10.5	21.7	91
2409.55	3.6	-36.2	-50	-39.8	1.5	10.2	10.5	22.2	92
2409.60	3.6	-36.2	-50	-39.8	1.5	10.2	10.5	22.2	93

2409.65	3.6	-35.8	-50	-39.4	1.5	10.6	10.5	22.6	94
2409.70	3.6	-35.7	-50	-39.3	1.5	10.7	10.5	22.7	95
2409.75	3.6	-35.5	-50	-39.1	1.5	10.9	10.5	22.9	96
2409.80	3.6	-36.6	-50	-40.2	1.5	9.8	10.5	21.8	97
2409.85	3.6	-35.5	-50	-39.1	1.5	10.9	10.5	22.9	98
2409.90	3.6	-36.0	-50	-39.6	1.5	10.4	10.5	22.4	99
2409.95	3.6	-35.5	-50	-39.1	1.5	10.9	10.5	22.9	100
2410.00	3.6	-35.3	-50	-38.9	1.5	11.1	10.5	23.1	101
2410.05	3.6	-35.3	-50	-38.9	1.5	11.1	10.5	23.1	102
2410.10	3.6	-35.8	-50	-39.4	1.5	10.6	10.5	22.6	103
2410.15	3.6	-36.2	-50	-39.8	1.5	10.2	10.5	22.2	104
2410.20	3.6	-36.4	-50	-40.0	1.5	10.0	10.5	22.0	105
2410.25	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	106
2410.30	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	107
2410.35	3.6	-37.9	-50	-41.5	1.5	8.5	10.5	20.5	108
2410.40	3.6	-38.1	-50	-41.7	1.5	8.3	10.5	20.3	109
2410.45	3.6	-38.1	-50	-41.7	1.5	8.3	10.5	20.3	110
2410.50	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	111
2410.55	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	112
2410.60	3.6	-39.2	-50	-42.8	1.5	7.2	10.5	19.2	113
2410.65	3.6	-39.3	-50	-42.9	1.5	7.1	10.5	19.1	114
2410.70	3.6	-39.9	-50	-43.5	1.5	6.5	10.5	18.5	115
2410.75	3.6	-40.3	-50	-43.9	1.5	6.1	10.5	18.1	116
2410.80	3.6	-40.3	-50	-43.9	1.5	6.1	10.5	18.1	117
2410.85	3.6	-40.2	-50	-43.8	1.5	6.2	10.5	18.2	118
2410.90	3.6	-40.8	-50	-44.4	1.5	5.6	10.5	17.6	119
2410.95	3.6	-40.9	-50	-44.5	1.5	5.5	10.5	17.5	120
2411.00	3.6	-41.1	-50	-44.7	1.5	5.3	10.5	17.3	121
2411.05	3.6	-40.9	-50	-44.5	1.5	5.5	10.5	17.5	122
2411.10	3.6	-40.5	-50	-44.1	1.5	5.9	10.5	17.9	123
2411.15	3.6	-40.1	-50	-43.7	1.5	6.3	10.5	18.3	124
2411.20	3.6	-39.2	-50	-42.8	1.5	7.2	10.5	19.2	125
2411.25	3.6	-40.3	-50	-43.9	1.5	6.1	10.5	18.1	126
2411.30	3.6	-39.9	-50	-43.5	1.5	6.5	10.5	18.5	127
2411.35	3.6	-40.0	-50	-43.6	1.5	6.4	10.5	18.4	128
2411.40	3.6	-40.5	-50	-44.1	1.5	5.9	10.5	17.9	129
2411.45	3.6	-40.8	-50	-44.4	1.5	5.6	10.5	17.6	130
2411.50	3.6	-41.2	-50	-44.8	1.5	5.2	10.5	17.2	131
2411.55	3.6	-42.9	-50	-46.5	1.5	3.5	10.5	15.5	132
2411.60	3.6	-43.1	-50	-46.7	1.5	3.3	10.5	15.3	133
2411.65	3.6	-43.0	-50	-46.6	1.5	3.4	10.5	15.4	134
2411.70	3.6	-41.3	-50	-44.9	1.5	5.1	10.5	17.1	135
2411.75	3.6	-40.8	-50	-44.4	1.5	5.6	10.5	17.6	136
2411.80	3.6	-41.1	-50	-44.7	1.5	5.3	10.5	17.3	137
2411.85	3.6	-41.0	-50	-44.6	1.5	5.4	10.5	17.4	138
2411.90	3.6	-41.1	-50	-44.7	1.5	5.3	10.5	17.3	139
2411.95	3.6	-42.0	-50	-45.6	1.5	4.4	10.5	16.4	140
2412.00	3.6	-42.1	-50	-45.7	1.5	4.3	10.5	16.3	141
2412.05	3.6	-42.4	-50	-46.0	1.5	4.0	10.5	16.0	142

2412.10	3.6	-42.2	-50	-45.8	1.5	4.2	10.5	16.2	143
2412.15	3.6	-42.2	-50	-45.8	1.5	4.2	10.5	16.2	144
2412.20	3.6	-42.9	-50	-46.5	1.5	3.5	10.5	15.5	145
2412.25	3.6	-43.1	-50	-46.7	1.5	3.3	10.5	15.3	146
2412.30	3.6	-43.6	-50	-47.2	1.5	2.8	10.5	14.8	147
2412.35	3.6	-43.5	-50	-47.1	1.5	2.9	10.5	14.9	148
2412.40	3.6	-43.5	-50	-47.1	1.5	2.9	10.5	14.9	149
2412.45	3.6	-43.6	-50	-47.2	1.5	2.8	10.5	14.8	150
2412.50	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	151
2412.55	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	152
2412.60	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	153
2412.65	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	154
2412.70	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	155
2412.75	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	156
2412.80	3.6	-43.1	-50	-46.7	1.5	3.3	10.5	15.3	157
2412.85	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	158
2412.90	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	159
2412.95	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	160
2413.00	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	161
2413.05	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	162
2413.10	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	163
2413.15	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	164
2413.20	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	165
2413.25	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	166
2413.30	3.6	-45.3	-50	-48.9	1.5	1.1	10.5	13.1	167
2413.35	3.6	-45.5	-50	-49.1	1.5	0.9	10.5	12.9	168
2413.40	3.6	-45.5	-50	-49.1	1.5	0.9	10.5	12.9	169
2413.45	3.6	-45.3	-50	-48.9	1.5	1.1	10.5	13.1	170
2413.50	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	171
2413.55	3.6	-43.8	-50	-47.4	1.5	2.6	10.5	14.6	172
2413.60	3.6	-43.6	-50	-47.2	1.5	2.8	10.5	14.8	173
2413.65	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	174
2413.70	3.6	-43.8	-50	-47.4	1.5	2.6	10.5	14.6	175
2413.75	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	176
2413.80	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	177
2413.85	3.6	-45.5	-50	-49.1	1.5	0.9	10.5	12.9	178
2413.90	3.6	-45.9	-50	-49.5	1.5	0.5	10.5	12.5	179
2413.95	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	180
2414.00	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	181
2414.05	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	182
2414.10	3.6	-45.5	-50	-49.1	1.5	0.9	10.5	12.9	183
2414.15	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	184
2414.20	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	185
2414.25	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	186
2414.30	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	187
2414.35	3.6	-45.9	-50	-49.5	1.5	0.5	10.5	12.5	188
2414.40	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	189
2414.45	3.6	-46.5	-50	-50.1	1.5	-0.1	10.5	11.9	190
2414.50	3.6	-46.4	-50	-50.0	1.5	0.0	10.5	12.0	191

									192
				-50.0	1.5	0.0	10.5	12.0	193
2414.55	3.6	-46.4	-50	-49.7	1.5	0.3	10.5	12.3	194
2414.60	3.6	-46.1	-50	-49.5	1.5	0.5	10.5	12.5	195
2414.65	3.6	-45.9	-50	-49.2	1.5	0.8	10.5	12.8	196
2414.70	3.6	-45.6	-50	-49.4	1.5	0.6	10.5	12.6	197
2414.75	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	198
2414.80	3.6	-45.8	-50	-48.6	1.5	1.4	10.5	13.4	199
2414.85	3.6	-45.0	-50	-48.8	1.5	1.2	10.5	13.2	200
2414.90	3.6	-45.2	-50	-48.4	1.5	1.6	10.5	13.6	201
2414.95	3.6	-44.8	-50	-47.7	1.5	2.3	10.5	14.3	202
2415.00	3.6	-44.1	-50	-48.2	1.5	1.8	10.5	13.8	203
2415.05	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	204
2415.10	3.6	-44.6	-50	-47.9	1.5	2.1	10.5	14.1	205
2415.15	3.6	-44.3	-50	-47.8	1.5	2.2	10.5	14.2	206
2415.20	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	207
2415.25	3.6	-44.2	-50	-48.0	1.5	2.0	10.5	14.0	208
2415.30	3.6	-44.4	-50	-48.2	1.5	1.8	10.5	13.8	209
2415.35	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	210
2415.40	3.6	-44.6	-50	-48.1	1.5	1.9	10.5	13.9	211
2415.45	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	212
2415.50	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	213
2415.55	3.6	-44.5	-50	-47.8	1.5	2.2	10.5	14.2	214
2415.60	3.6	-44.2	-50	-47.6	1.5	2.4	10.5	14.4	215
2415.65	3.6	-44.0	-50	-48.3	1.5	1.7	10.5	13.7	216
2415.70	3.6	-44.7	-50	-48.0	1.5	2.0	10.5	14.0	217
2415.75	3.6	-44.4	-50	-48.5	1.5	1.5	10.5	13.5	218
2415.80	3.6	-44.9	-50	-48.4	1.5	1.6	10.5	13.6	219
2415.85	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	220
2415.90	3.6	-44.8	-50	-48.7	1.5	1.3	10.5	13.3	221
2415.95	3.6	-45.1	-50	-49.6	1.5	0.4	10.5	12.4	222
2416.00	3.6	-46.0	-50	-49.5	1.5	0.5	10.5	12.5	223
2416.05	3.6	-45.9	-50	-49.4	1.5	0.6	10.5	12.6	224
2416.10	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	225
2416.15	3.6	-45.8	-50	-49.7	1.5	0.3	10.5	12.3	226
2416.20	3.6	-46.1	-50	-49.7	1.5	0.3	10.5	12.3	227
2416.25	3.6	-46.1	-50	-49.7	1.5	0.3	10.5	12.3	228
2416.30	3.6	-46.1	-50	-49.9	1.5	0.1	10.5	12.1	229
2416.35	3.6	-46.3	-50	-49.3	1.5	0.7	10.5	12.7	230
2416.40	3.6	-45.7	-50	-49.0	1.5	1.0	10.5	13.0	231
2416.45	3.6	-45.4	-50	-48.9	1.5	1.1	10.5	13.1	232
2416.50	3.6	-45.3	-50	-48.8	1.5	1.2	10.5	13.2	233
2416.55	3.6	-45.2	-50	-48.7	1.5	1.3	10.5	13.3	234
2416.60	3.6	-45.1	-50	-49.4	1.5	0.6	10.5	12.6	235
2416.65	3.6	-45.8	-50	-49.5	1.5	0.5	10.5	12.5	236
2416.70	3.6	-45.9	-50	-53.3	1.5	-3.3	10.5	8.7	237
2416.75	3.6	-49.7	-50	-51.8	1.5	-1.8	10.5	10.2	238
2416.80	3.6	-48.2	-50	-52.0	1.5	-2.0	10.5	10.0	239
2416.85	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	240
2416.90	3.6	-48.4	-50	-51.9	1.5	-1.9	10.5	10.1	
2416.95	3.6	-48.3	-50						

2417.00	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	241
2417.05	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	242
2417.10	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	243
2417.15	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	244
2417.20	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	245
2417.25	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	246
2417.30	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	247
2417.35	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	248
2417.40	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	249
2417.45	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	250
2417.50	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	251
2417.55	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	252
2417.60	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	253
2417.65	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	254
2417.70	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	255
2417.75	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	256
2417.80	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	257
2417.85	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	258
2417.90	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	259
2417.95	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	260
2418.00	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	261
2418.05	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	262
2418.10	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	263
2418.15	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	264
2418.20	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	265
2418.25	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	266
2418.30	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	267
2418.35	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	268
2418.40	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	269
2418.45	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	270
2418.50	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	271
2418.55	3.6	-48.8	-50	-52.4	1.5	-2.4	10.5	9.6	272
2418.60	3.6	-50.7	-50	-54.3	1.5	-4.3	10.5	7.7	273
2418.65	3.6	-45.5	-50	-49.1	1.5	0.9	10.5	12.9	274
2418.70	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	275
2418.75	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	276
2418.80	3.6	-45.7	-50	-49.3	1.5	0.7	10.5	12.7	277
2418.85	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	278
2418.90	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	279
2418.95	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	280
2419.00	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	281
2419.05	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	282
2419.10	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	283
2419.15	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	284
2419.20	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	285
2419.25	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	286
2419.30	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	287
2419.35	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	288
2419.40	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	289

2419.45	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	290
2419.50	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	291
2419.55	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	292
2419.60	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	293
2419.65	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	294
2419.70	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	295
2419.75	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	296
2419.80	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	297
2419.85	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	298
2419.90	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	299
2419.95	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	300
2420.00	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	301
2420.05	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	302
2420.10	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	303
2420.15	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	304
2420.20	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	305
2420.25	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	306
2420.30	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	307
2420.35	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	308
2420.40	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	309
2420.45	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	310
2420.50	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	311
2420.55	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	312
2420.60	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	313
2420.65	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	314
2420.70	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	315
2420.75	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	316
2420.80	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	317
2420.85	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	318
2420.90	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	319
2420.95	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	320
2421.00	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	321
2421.05	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	322
2421.10	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	323
2421.15	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	324
2421.20	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	325
2421.25	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	326
2421.30	3.6	-49.8	-50	-53.4	1.5	-3.4	10.5	8.6	327
2421.35	3.6	-49.2	-50	-52.8	1.5	-2.8	10.5	9.2	328
2421.40	3.6	-49.9	-50	-53.5	1.5	-3.5	10.5	8.5	329
2421.45	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	330
2421.50	3.6	-46.3	-50	-49.9	1.5	0.1	10.5	12.1	331
2421.55	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	332
2421.60	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	333
2421.65	3.6	-46.3	-50	-49.9	1.5	0.1	10.5	12.1	334
2421.70	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	335
2421.75	3.6	-46.5	-50	-50.1	1.5	-0.1	10.5	11.9	336
2421.80	3.6	-46.5	-50	-50.1	1.5	-0.1	10.5	11.9	337
2421.85	3.6	-46.4	-50	-50.0	1.5	0.0	10.5	12.0	338

2421.90	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	339
2421.95	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	340
2422.00	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	341
2422.05	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	342
2422.10	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	343
2422.15	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	344
2422.20	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	345
2422.25	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	346
2422.30	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	347
2422.35	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	348
2422.40	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	349
2422.45	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	350
2422.50	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	351
2422.55	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	352
2422.60	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	353
2422.65	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	354
2422.70	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	355
2422.75	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	356
2422.80	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	357
2422.85	3.6	-49.2	-50	-52.8	1.5	-2.8	10.5	9.2	358
2422.90	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	359
2422.95	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	360
2423.00	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	361
2423.05	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	362
2423.10	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	363
2423.15	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	364
2423.20	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	365
2423.25	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	366
2423.30	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	367
2423.35	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	368
2423.40	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	369
2423.45	3.6	-49.2	-50	-52.8	1.5	-2.8	10.5	9.2	370
2423.50	3.6	-49.8	-50	-53.4	1.5	-3.4	10.5	8.6	371
2423.55	3.6	-49.6	-50	-53.2	1.5	-3.2	10.5	8.8	372
2423.60	3.6	-49.8	-50	-53.4	1.5	-3.4	10.5	8.6	373
2423.65	3.6	-49.6	-50	-53.2	1.5	-3.2	10.5	8.8	374
2423.70	3.6	-49.7	-50	-53.3	1.5	-3.3	10.5	8.7	375
2423.75	3.6	-49.5	-50	-53.1	1.5	-3.1	10.5	8.9	376
2423.80	3.6	-49.2	-50	-52.8	1.5	-2.8	10.5	9.2	377
2423.85	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	378
2423.90	3.6	-48.8	-50	-52.4	1.5	-2.4	10.5	9.6	379
2423.95	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	380
2424.00	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	381
2424.05	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	382
2424.10	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	383
2424.15	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	384
2424.20	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	385
2424.25	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	386
2424.30	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	387

2424.35	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	388
2424.40	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	389
2424.45	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	390
2424.50	3.6	-49.0	-50	-52.6	1.5	-2.6	10.5	9.4	391
2424.55	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	392
2424.60	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	393
2424.65	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	394
2424.70	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	395
2424.75	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	396
2424.80	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	397
2424.85	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	398
2424.90	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	399
2424.95	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	400
2425.00	3.6	-49.0	-50	-52.6	1.5	-2.6	10.5	9.4	401
2425.05	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	402
2425.10	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	403
2425.15	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	404
2425.20	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	405
2425.25	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	406
2425.30	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	407
2425.35	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	408
2425.40	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	409
2425.45	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	410
2425.50	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	411
2425.55	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	412
2425.60	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	413
2425.65	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	414
2425.70	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	415
2425.75	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	416
2425.80	3.6	-46.2	-50	-49.8	1.5	0.2	10.5	12.2	417
2425.85	3.6	-46.2	-50	-49.8	1.5	0.2	10.5	12.2	418
2425.90	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	419
2425.95	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	420
2426.00	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	421
2426.05	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	422
2426.10	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	423
2426.15	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	424
2426.20	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	425
2426.25	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	426
2426.30	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	427
2426.35	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	428
2426.40	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	429
2426.45	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	430
2426.50	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	431
2426.55	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	432
2426.60	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	433
2426.65	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	434
2426.70	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	435
2426.75	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	436

2426.80	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	437
2426.85	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	438
2426.90	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	439
2426.95	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	440
2427.00	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	441
2427.05	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	442
2427.10	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	443
2427.15	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	444
2427.20	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	445
2427.25	3.6	-45.3	-50	-48.9	1.5	1.1	10.5	13.1	446
2427.30	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	447
2427.35	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	448
2427.40	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	449
2427.45	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	450
2427.50	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	451
2427.55	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	452
2427.60	3.6	-43.6	-50	-47.2	1.5	2.8	10.5	14.8	453
2427.65	3.6	-43.0	-50	-46.6	1.5	3.4	10.5	15.4	454
2427.70	3.6	-42.9	-50	-46.5	1.5	3.5	10.5	15.5	455
2427.75	3.6	-42.6	-50	-46.2	1.5	3.8	10.5	15.8	456
2427.80	3.6	-42.8	-50	-46.4	1.5	3.6	10.5	15.6	457
2427.85	3.6	-42.8	-50	-46.4	1.5	3.6	10.5	15.6	458
2427.90	3.6	-42.9	-50	-46.5	1.5	3.5	10.5	15.5	459
2427.95	3.6	-42.7	-50	-46.3	1.5	3.7	10.5	15.7	460
2428.00	3.6	-42.9	-50	-46.5	1.5	3.5	10.5	15.5	461
2428.05	3.6	-43.2	-50	-46.8	1.5	3.2	10.5	15.2	462
2428.10	3.6	-43.7	-50	-47.3	1.5	2.7	10.5	14.7	463
2428.15	3.6	-43.1	-50	-46.7	1.5	3.3	10.5	15.3	464
2428.20	3.6	-42.6	-50	-46.2	1.5	3.8	10.5	15.8	465
2428.25	3.6	-42.5	-50	-46.1	1.5	3.9	10.5	15.9	466
2428.30	3.6	-42.6	-50	-46.2	1.5	3.8	10.5	15.8	467
2428.35	3.6	-42.3	-50	-45.9	1.5	4.1	10.5	16.1	468
2428.40	3.6	-42.2	-50	-45.8	1.5	4.2	10.5	16.2	469
2428.45	3.6	-42.3	-50	-45.9	1.5	4.1	10.5	16.1	470
2428.50	3.6	-42.6	-50	-46.2	1.5	3.8	10.5	15.8	471
2428.55	3.6	-42.5	-50	-46.1	1.5	3.9	10.5	15.9	472
2428.60	3.6	-42.7	-50	-46.3	1.5	3.7	10.5	15.7	473
2428.65	3.6	-42.5	-50	-46.1	1.5	3.9	10.5	15.9	474
2428.70	3.6	-42.4	-50	-46.0	1.5	4.0	10.5	16.0	475
2428.75	3.6	-42.8	-50	-46.4	1.5	3.6	10.5	15.6	476
2428.80	3.6	-43.0	-50	-46.6	1.5	3.4	10.5	15.4	477
2428.85	3.6	-42.6	-50	-46.2	1.5	3.8	10.5	15.8	478
2428.90	3.6	-42.0	-50	-45.6	1.5	4.4	10.5	16.4	479
2428.95	3.6	-41.7	-50	-45.3	1.5	4.7	10.5	16.7	480
2429.00	3.6	-41.3	-50	-44.9	1.5	5.1	10.5	17.1	481
2429.05	3.6	-40.8	-50	-44.4	1.5	5.6	10.5	17.6	482
2429.10	3.6	-40.4	-50	-44.0	1.5	6.0	10.5	18.0	483
2429.15	3.6	-40.0	-50	-43.6	1.5	6.4	10.5	18.4	484
2429.20	3.6	-39.7	-50	-43.3	1.5	6.7	10.5	18.7	485

2429.25	3.6	-40.0	-50	-43.6	1.5	6.4	10.5	18.4	486
2429.30	3.6	-39.8	-50	-43.4	1.5	6.6	10.5	18.6	487
2429.35	3.6	-39.9	-50	-43.5	1.5	6.5	10.5	18.5	488
2429.40	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	489
2429.45	3.6	-38.7	-50	-42.3	1.5	7.7	10.5	19.7	490
2429.50	3.6	-39.2	-50	-42.8	1.5	7.2	10.5	19.2	491
2429.55	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	492
2429.60	3.6	-38.7	-50	-42.3	1.5	7.7	10.5	19.7	493
2429.65	3.6	-39.0	-50	-42.6	1.5	7.4	10.5	19.4	494
2429.70	3.6	-39.2	-50	-42.8	1.5	7.2	10.5	19.2	495
2429.75	3.6	-39.2	-50	-42.8	1.5	7.2	10.5	19.2	496
2429.80	3.6	-39.0	-50	-42.6	1.5	7.4	10.5	19.4	497
2429.85	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	498
2429.90	3.6	-38.7	-50	-42.3	1.5	7.7	10.5	19.7	499
2429.95	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	500
2430.00	3.6	-38.9	-50	-42.5	1.5	7.5	10.5	19.5	501
2430.05	3.6	-38.5	-50	-42.1	1.5	7.9	10.5	19.9	502
2430.10	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	503
2430.15	3.6	-37.8	-50	-41.4	1.5	8.6	10.5	20.6	504
2430.20	3.6	-37.6	-50	-41.2	1.5	8.8	10.5	20.8	505
2430.25	3.6	-37.4	-50	-41.0	1.5	9.0	10.5	21.0	506
2430.30	3.6	-37.1	-50	-40.7	1.5	9.3	10.5	21.3	507
2430.35	3.6	-37.6	-50	-41.2	1.5	8.8	10.5	20.8	508
2430.40	3.6	-37.0	-50	-40.6	1.5	9.4	10.5	21.4	509
2430.45	3.6	-37.1	-50	-40.7	1.5	9.3	10.5	21.3	510
2430.50	3.6	-36.4	-50	-40.0	1.5	10.0	10.5	22.0	511
2430.55	3.6	-36.6	-50	-40.2	1.5	9.8	10.5	21.8	512
2430.60	3.6	-36.2	-50	-39.8	1.5	10.2	10.5	22.2	513
2430.65	3.6	-36.1	-50	-39.7	1.5	10.3	10.5	22.3	514
2430.70	3.6	-36.3	-50	-39.9	1.5	10.1	10.5	22.1	515
2430.75	3.6	-36.5	-50	-40.1	1.5	9.9	10.5	21.9	516
2430.80	3.6	-36.3	-50	-39.9	1.5	10.1	10.5	22.1	517
2430.85	3.6	-36.1	-50	-39.7	1.5	10.3	10.5	22.3	518
2430.90	3.6	-36.1	-50	-39.7	1.5	10.3	10.5	22.3	519
2430.95	3.6	-36.0	-50	-39.6	1.5	10.4	10.5	22.4	520
2431.00	3.6	-36.2	-50	-39.8	1.5	10.2	10.5	22.2	521

35 below 10dB out of 521= 6.72%

High Band centered on 2465.5 MHz

Frequency	yy dB	zz dB	Input Signal dBm	Jammer Signal dBm	Lsys dB	Mj ratio	(S/N)o dB	PG dB	Reading #
2452.50	3.6	-45.4	-50	-49.0	1.5	1.0	10.5	13.0	1
2452.55	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	2
2452.60	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	3
2452.65	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	4
2452.70	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	5
2452.75	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	6
2452.80	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	7
2452.85	3.6	-43.8	-50	-47.4	1.5	2.6	10.5	14.6	8
2452.90	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	9
2452.95	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	10
2453.00	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	11
2453.05	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	12
2453.10	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	13
2453.15	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	14
2453.20	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	15
2453.25	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	16
2453.30	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	17
2453.35	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	18
2453.40	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	19
2453.45	3.6	-43.2	-50	-46.8	1.5	3.2	10.5	15.2	20
2453.50	3.6	-42.7	-50	-46.3	1.5	3.7	10.5	15.7	21
2453.55	3.6	-42.3	-50	-45.9	1.5	4.1	10.5	16.1	22
2453.60	3.6	-41.1	-50	-44.7	1.5	5.3	10.5	17.3	23
2453.65	3.6	-42.1	-50	-45.7	1.5	4.3	10.5	16.3	24
2453.70	3.6	-43.1	-50	-46.7	1.5	3.3	10.5	15.3	25
2453.75	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	26
2453.80	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	27
2453.85	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	28
2453.90	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	29
2453.95	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	30
2454.00	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	31
2454.05	3.6	-43.8	-50	-47.4	1.5	2.6	10.5	14.6	32
2454.10	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	33
2454.15	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	34
2454.20	3.6	-43.0	-50	-46.6	1.5	3.4	10.5	15.4	35
2454.25	3.6	-43.0	-50	-46.6	1.5	3.4	10.5	15.4	36
2454.30	3.6	-42.8	-50	-46.4	1.5	3.6	10.5	15.6	37
2454.35	3.6	-42.3	-50	-45.9	1.5	4.1	10.5	16.1	38
2454.40	3.6	-42.6	-50	-46.2	1.5	3.8	10.5	15.8	39
2454.45	3.6	-42.8	-50	-46.4	1.5	3.6	10.5	15.6	40
2454.50	3.6	-43.2	-50	-46.8	1.5	3.2	10.5	15.2	41
2454.55	3.6	-43.6	-50	-47.2	1.5	2.8	10.5	14.8	42
2454.60	3.6	-43.2	-50	-46.8	1.5	3.2	10.5	15.2	43
2454.65	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	44

2454.70	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	45
2454.75	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	46
2454.80	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	47
2454.85	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	48
2454.90	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	49
2454.95	3.6	-43.4	-50	-47.0	1.5	3.0	10.5	15.0	50
2455.00	3.6	-42.3	-50	-45.9	1.5	4.1	10.5	16.1	51
2455.05	3.6	-41.4	-50	-45.0	1.5	5.0	10.5	17.0	52
2455.10	3.6	-42.0	-50	-45.6	1.5	4.4	10.5	16.4	53
2455.15	3.6	-42.4	-50	-46.0	1.5	4.0	10.5	16.0	54
2455.20	3.6	-43.1	-50	-46.7	1.5	3.3	10.5	15.3	55
2455.25	3.6	-43.3	-50	-46.9	1.5	3.1	10.5	15.1	56
2455.30	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	57
2455.35	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	58
2455.40	3.6	-45.4	-50	-49.0	1.5	1.0	10.5	13.0	59
2455.45	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	60
2455.50	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	61
2455.55	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	62
2455.60	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	63
2455.65	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	64
2455.70	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	65
2455.75	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	66
2455.80	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	67
2455.85	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	68
2455.90	3.6	-45.3	-50	-48.9	1.5	1.1	10.5	13.1	69
2455.95	3.6	-44.7	-50	-48.3	1.5	1.7	10.5	13.7	70
2456.00	3.6	-45.9	-50	-49.5	1.5	0.5	10.5	12.5	71
2456.05	3.6	-46.1	-50	-49.7	1.5	0.3	10.5	12.3	72
2456.10	3.6	-46.3	-50	-49.9	1.5	0.1	10.5	12.1	73
2456.15	3.6	-46.4	-50	-50.0	1.5	0.0	10.5	12.0	74
2456.20	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	75
2456.25	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	76
2456.30	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	77
2456.35	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	78
2456.40	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	79
2456.45	3.6	-46.5	-50	-50.1	1.5	-0.1	10.5	11.9	80
2456.50	3.6	-46.0	-50	-49.6	1.5	0.4	10.5	12.4	81
2456.55	3.6	-45.4	-50	-49.0	1.5	1.0	10.5	13.0	82
2456.60	3.6	-45.4	-50	-49.0	1.5	1.0	10.5	13.0	83
2456.65	3.6	-45.5	-50	-49.1	1.5	0.9	10.5	12.9	84
2456.70	3.6	-45.7	-50	-49.3	1.5	0.7	10.5	12.7	85
2456.75	3.6	-46.0	-50	-49.6	1.5	0.4	10.5	12.4	86
2456.80	3.6	-46.2	-50	-49.8	1.5	0.2	10.5	12.2	87
2456.85	3.6	-46.2	-50	-49.8	1.5	0.2	10.5	12.2	88
2456.90	3.6	-46.1	-50	-49.7	1.5	0.3	10.5	12.3	89
2456.95	3.6	-45.9	-50	-49.5	1.5	0.5	10.5	12.5	90
2457.00	3.6	-45.3	-50	-48.9	1.5	1.1	10.5	13.1	91
2457.05	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	92
2457.10	3.6	-44.4	-50	-48.0	1.5	2.0	10.5	14.0	93

2457.15	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	94
2457.20	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	95
2457.25	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	96
2457.30	3.6	-44.3	-50	-47.9	1.5	2.1	10.5	14.1	97
2457.35	3.6	-43.7	-50	-47.3	1.5	2.7	10.5	14.7	98
2457.40	3.6	-43.7	-50	-47.3	1.5	2.7	10.5	14.7	99
2457.45	3.6	-43.9	-50	-47.5	1.5	2.5	10.5	14.5	100
2457.50	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	101
2457.55	3.6	-44.0	-50	-47.6	1.5	2.4	10.5	14.4	102
2457.60	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	103
2457.65	3.6	-45.4	-50	-49.0	1.5	1.0	10.5	13.0	104
2457.70	3.6	-45.7	-50	-49.3	1.5	0.7	10.5	12.7	105
2457.75	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	106
2457.80	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	107
2457.85	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	108
2457.90	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	109
2457.95	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	110
2458.00	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	111
2458.05	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	112
2458.10	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	113
2458.15	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	114
2458.20	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	115
2458.25	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	116
2458.30	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	117
2458.35	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	118
2458.40	3.6	-49.2	-50	-52.8	1.5	-2.8	10.5	9.2	119
2458.45	3.6	-49.5	-50	-53.1	1.5	-3.1	10.5	8.9	120
2458.50	3.6	-49.4	-50	-53.0	1.5	-3.0	10.5	9.0	121
2458.55	3.6	-49.4	-50	-53.0	1.5	-3.0	10.5	9.0	122
2458.60	3.6	-49.4	-50	-53.0	1.5	-3.0	10.5	9.0	123
2458.65	3.6	-49.3	-50	-52.9	1.5	-2.9	10.5	9.1	124
2458.70	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	125
2458.75	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	126
2458.80	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	127
2458.85	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	128
2458.90	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	129
2458.95	3.6	-46.5	-50	-50.1	1.5	-0.1	10.5	11.9	130
2459.00	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	131
2459.05	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	132
2459.10	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	133
2459.15	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	134
2459.20	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	135
2459.25	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	136
2459.30	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	137
2459.35	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	138
2459.40	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	139
2459.45	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	140
2459.50	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	141
2459.55	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	142

2459.60	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	143
2459.65	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	144
2459.70	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	145
2459.75	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	146
2459.80	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	147
2459.85	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	148
2459.90	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	149
2459.95	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	150
2460.00	3.6	-49.0	-50	-52.6	1.5	-2.6	10.5	9.4	151
2460.05	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	152
2460.10	3.6	-49.0	-50	-52.6	1.5	-2.6	10.5	9.4	153
2460.15	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	154
2460.20	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	155
2460.25	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	156
2460.30	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	157
2460.35	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	158
2460.40	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	159
2460.45	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	160
2460.50	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	161
2460.55	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	162
2460.60	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	163
2460.65	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	164
2460.70	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	165
2460.75	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	166
2460.80	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	167
2460.85	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	168
2460.90	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	169
2460.95	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	170
2461.00	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	171
2461.05	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	172
2461.10	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	173
2461.15	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	174
2461.20	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	175
2461.25	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	176
2461.30	3.6	-49.5	-50	-53.1	1.5	-3.1	10.5	8.9	177
2461.35	3.6	-49.6	-50	-53.2	1.5	-3.2	10.5	8.8	178
2461.40	3.6	-49.3	-50	-52.9	1.5	-2.9	10.5	9.1	179
2461.45	3.6	-49.1	-50	-52.7	1.5	-2.7	10.5	9.3	180
2461.50	3.6	-49.0	-50	-52.6	1.5	-2.6	10.5	9.4	181
2461.55	3.6	-48.8	-50	-52.4	1.5	-2.4	10.5	9.6	182
2461.60	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	183
2461.65	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	184
2461.70	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	185
2461.75	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	186
2461.80	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	187
2461.85	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	188
2461.90	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	189
2461.95	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	190
2462.00	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	191

2462.05	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	192
2462.10	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	193
2462.15	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	194
2462.20	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	195
2462.25	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	196
2462.30	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	197
2462.35	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	198
2462.40	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	199
2462.45	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	200
2462.50	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	201
2462.55	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	202
2462.60	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	203
2462.65	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	204
2462.70	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	205
2462.75	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	206
2462.80	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	207
2462.85	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	208
2462.90	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	209
2462.95	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	210
2463.00	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	211
2463.05	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	212
2463.10	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	213
2463.15	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	214
2463.20	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	215
2463.25	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	216
2463.30	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	217
2463.35	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	218
2463.40	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	219
2463.45	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	220
2463.50	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	221
2463.55	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	222
2463.60	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	223
2463.65	3.6	-49.0	-50	-52.6	1.5	-2.6	10.5	9.4	224
2463.70	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	225
2463.75	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	226
2463.80	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	227
2463.85	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	228
2463.90	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	229
2463.95	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	230
2464.00	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	231
2464.05	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	232
2464.10	3.6	-48.8	-50	-52.4	1.5	-2.4	10.5	9.6	233
2464.15	3.6	-49.1	-50	-52.7	1.5	-2.7	10.5	9.3	234
2464.20	3.6	-49.9	-50	-53.5	1.5	-3.5	10.5	8.5	235
2464.25	3.6	-50.1	-50	-53.7	1.5	-3.7	10.5	8.3	236
2464.30	3.6	-50.2	-50	-53.8	1.5	-3.8	10.5	8.2	237
2464.35	3.6	-50.5	-50	-54.1	1.5	-4.1	10.5	7.9	238
2464.40	3.6	-50.7	-50	-54.3	1.5	-4.3	10.5	7.7	239
2464.45	3.6	-50.5	-50	-54.1	1.5	-4.1	10.5	7.9	240

2464.50	3.6	-50.7	-50	-54.3	1.5	-4.3	10.5	7.7	241
2464.55	3.6	-50.7	-50	-54.3	1.5	-4.3	10.5	7.7	242
2464.60	3.6	-50.5	-50	-54.1	1.5	-4.1	10.5	7.9	243
2464.65	3.6	-50.3	-50	-53.9	1.5	-3.9	10.5	8.1	244
2464.70	3.6	-50.3	-50	-53.9	1.5	-3.9	10.5	8.1	245
2464.75	3.6	-49.8	-50	-53.4	1.5	-3.4	10.5	8.6	246
2464.80	3.6	-49.5	-50	-53.1	1.5	-3.1	10.5	8.9	247
2464.85	3.6	-50.0	-50	-53.6	1.5	-3.6	10.5	8.4	248
2464.90	3.6	-49.2	-50	-52.8	1.5	-2.8	10.5	9.2	249
2464.95	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	250
2465.00	3.6	-48.7	-50	-52.3	1.5	-2.3	10.5	9.7	251
2465.05	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	252
2465.10	3.6	-48.4	-50	-52.0	1.5	-2.0	10.5	10.0	253
2465.15	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	254
2465.20	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	255
2465.25	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	256
2465.30	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	257
2465.35	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	258
2465.40	3.6	-47.4	-50	-51.0	1.5	-1.0	10.5	11.0	259
2465.45	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	260
2465.50	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	261
2465.55	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	262
2465.60	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	263
2465.65	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	264
2465.70	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	265
2465.75	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	266
2465.80	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	267
2465.85	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	268
2465.90	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	269
2465.95	3.6	-47.7	-50	-51.3	1.5	-1.3	10.5	10.7	270
2466.00	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	271
2466.05	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	272
2466.10	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	273
2466.15	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	274
2466.20	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	275
2466.25	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	276
2466.30	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	277
2466.35	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	278
2466.40	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	279
2466.45	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	280
2466.50	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	281
2466.55	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	282
2466.60	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	283
2466.65	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	284
2466.70	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	285
2466.75	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	286
2466.80	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	287
2466.85	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	288
2466.90	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	289

2466.95	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	290
2467.00	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	291
2467.05	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	292
2467.10	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	293
2467.15	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	294
2467.20	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	295
2467.25	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	296
2467.30	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	297
2467.35	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	298
2467.40	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	299
2467.45	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	300
2467.50	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	301
2467.55	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	302
2467.60	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	303
2467.65	3.6	-47.4	-50	-51	1.5	-1.0	10.5	11.0	304
2467.70	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	305
2467.75	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	306
2467.80	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	307
2467.85	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	308
2467.90	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	309
2467.95	3.6	-46.6	-50	-50.2	1.5	-0.2	10.5	11.8	310
2468.00	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	311
2468.05	3.6	-46.7	-50	-50.3	1.5	-0.3	10.5	11.7	312
2468.10	3.6	-47.2	-50	-50.8	1.5	-0.8	10.5	11.2	313
2468.15	3.6	-47.3	-50	-50.9	1.5	-0.9	10.5	11.1	314
2468.20	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	315
2468.25	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	316
2468.30	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	317
2468.35	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	318
2468.40	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	319
2468.45	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	320
2468.50	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	321
2468.55	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	322
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2468.65	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	324
2468.70	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	325
2468.75	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	326
2468.80	3.6	-48.8	-50	-52.4	1.5	-2.4	10.5	9.6	327
2468.85	3.6	-49.1	-50	-52.7	1.5	-2.7	10.5	9.3	328
2468.90	3.6	-48.8	-50	-52.4	1.5	-2.4	10.5	9.6	329
2468.95	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	330
2469.00	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	331
2469.05	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	332
2469.10	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	333
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2469.40	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	339
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2469.60	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	343
2469.65	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	344
2469.70	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	345
2469.75	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	346
2469.80	3.6	-48.9	-50	-52.5	1.5	-2.5	10.5	9.5	347
2469.85	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	348
2469.90	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	349
2469.95	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	350
2470.00	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	351
2470.05	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	352
2470.10	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	353
2470.15	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	354
2470.20	3.6	-47.6	-50	-51.2	1.5	-1.2	10.5	10.8	355
2470.25	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	356
2470.30	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	357
2470.35	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	358
2470.40	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	359
2470.45	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	360
2470.50	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	361
2470.55	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	362
2470.60	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	363
2470.65	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	364
2470.70	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	365
2470.75	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	366
2470.80	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	367
2470.85	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	368
2470.90	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	369
2470.95	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	370
2471.00	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	371
2471.05	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	372
2471.10	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	373
2471.15	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	374
2471.20	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	375
2471.25	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	376
2471.30	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	377
2471.35	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	378
2471.40	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	379
2471.45	3.6	-48.5	-50	-52.1	1.5	-2.1	10.5	9.9	380
2471.50	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	381
2471.55	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	382
2471.60	3.6	-48.6	-50	-52.2	1.5	-2.2	10.5	9.8	383
2471.65	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	384
2471.70	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	385
2471.75	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	386
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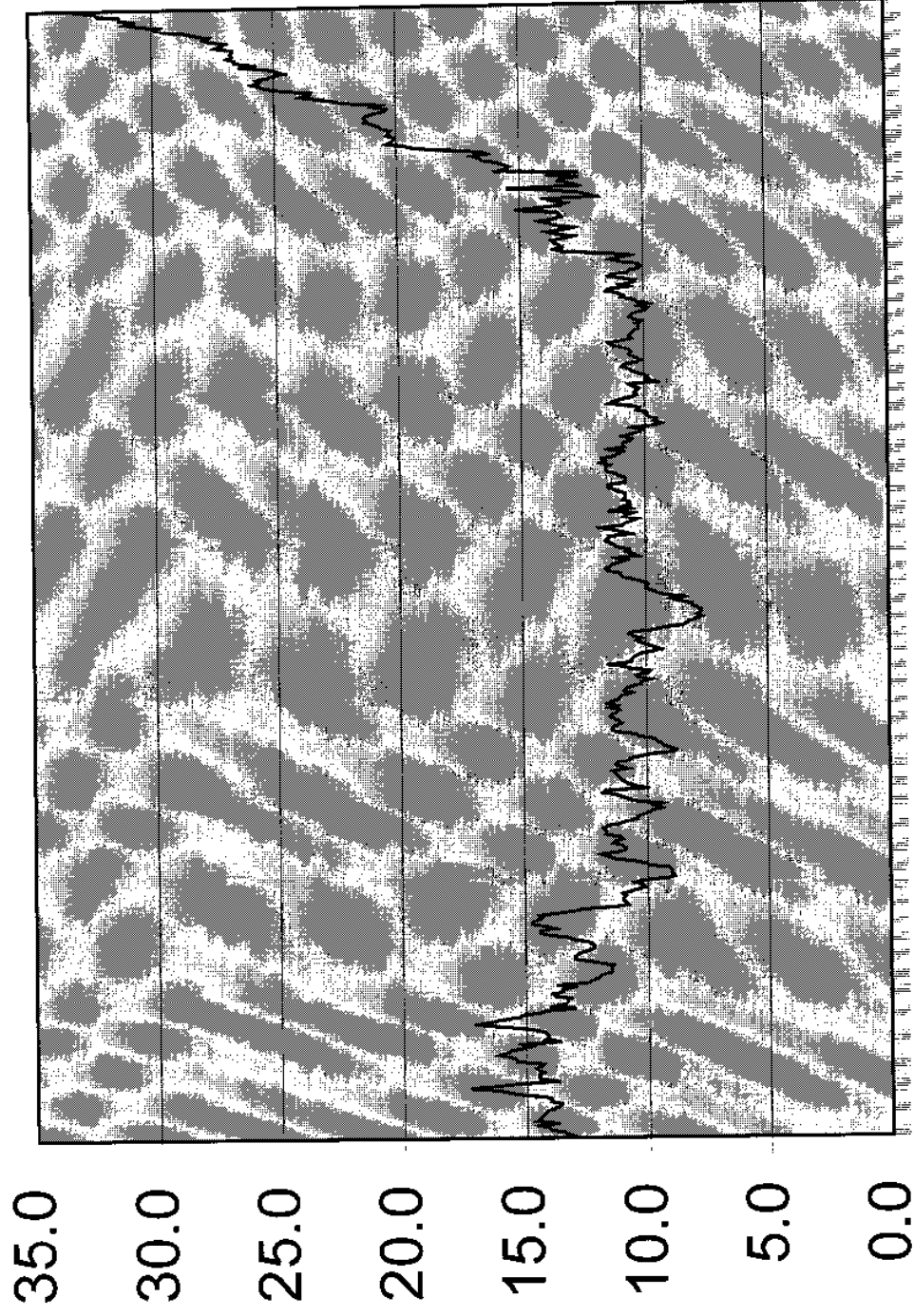
2471.85	3.6	-47.4	-50	-51	1.5	-1.0	10.5	11.0	388
2471.90	3.6	-46.9	-50	-50.5	1.5	-0.5	10.5	11.5	389
2471.95	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	390
2472.00	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	391
2472.05	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	392
2472.10	3.6	-48.0	-50	-51.6	1.5	-1.6	10.5	10.4	393
2472.15	3.6	-48.1	-50	-51.7	1.5	-1.7	10.5	10.3	394
2472.20	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	395
2472.25	3.6	-47.0	-50	-50.6	1.5	-0.6	10.5	11.4	396
2472.30	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	397
2472.35	3.6	-47.8	-50	-51.4	1.5	-1.4	10.5	10.6	398
2472.40	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	399
2472.45	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	400
2472.50	3.6	-48.3	-50	-51.9	1.5	-1.9	10.5	10.1	401
2472.55	3.6	-48.2	-50	-51.8	1.5	-1.8	10.5	10.2	402
2472.60	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	403
2472.65	3.6	-47.1	-50	-50.7	1.5	-0.7	10.5	11.3	404
2472.70	3.6	-47.5	-50	-51.1	1.5	-1.1	10.5	10.9	405
2472.75	3.6	-47.9	-50	-51.5	1.5	-1.5	10.5	10.5	406
2472.80	3.6	-46.8	-50	-50.4	1.5	-0.4	10.5	11.6	407
2472.85	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	408
2472.90	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	409
2472.95	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	410
2473.00	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	411
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2473.15	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	414
2473.20	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	415
2473.25	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	416
2473.30	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	417
2473.35	3.6	-45.2	-50	-48.8	1.5	1.2	10.5	13.2	418
2473.40	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	419
2473.45	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	420
2473.50	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	421
2473.55	3.6	-44.2	-50	-47.8	1.5	2.2	10.5	14.2	422
2473.60	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	423
2473.65	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	424
2473.70	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	425
2473.75	3.6	-44.9	-50	-48.5	1.5	1.5	10.5	13.5	426
2473.80	3.6	-43.2	-50	-46.8	1.5	3.2	10.5	15.2	427
2473.85	3.6	-44.1	-50	-47.7	1.5	2.3	10.5	14.3	428
2473.90	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	429
2473.95	3.6	-45.3	-50	-48.9	1.5	1.1	10.5	13.1	430
2474.00	3.6	-44.8	-50	-48.4	1.5	1.6	10.5	13.6	431
2474.05	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	432
2474.10	3.6	-46.5	-50	-50.1	1.5	-0.1	10.5	11.9	433
2474.15	3.6	-46.2	-50	-49.8	1.5	0.2	10.5	12.2	434
2474.20	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	435
2474.25	3.6	-44.6	-50	-48.2	1.5	1.8	10.5	13.8	436

2474.30	3.6	-42.9	-50	-46.5	1.5	3.5	10.5	15.5	437
2474.35	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	438
2474.40	3.6	-45.6	-50	-49.2	1.5	0.8	10.5	12.8	439
2474.45	3.6	-45.0	-50	-48.6	1.5	1.4	10.5	13.4	440
2474.50	3.6	-45.1	-50	-48.7	1.5	1.3	10.5	13.3	441
2474.55	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	442
2474.60	3.6	-44.5	-50	-48.1	1.5	1.9	10.5	13.9	443
2474.65	3.6	-45.8	-50	-49.4	1.5	0.6	10.5	12.6	444
2474.70	3.6	-42.5	-50	-46.1	1.5	3.9	10.5	15.9	445
2474.75	3.6	-42.8	-50	-46.4	1.5	3.6	10.5	15.6	446
2474.80	3.6	-43.0	-50	-46.6	1.5	3.4	10.5	15.4	447
2474.85	3.6	-42.7	-50	-46.3	1.5	3.7	10.5	15.7	448
2474.90	3.6	-42.5	-50	-46.1	1.5	3.9	10.5	15.9	449
2474.95	3.6	-41.9	-50	-45.5	1.5	4.5	10.5	16.5	450
2475.00	3.6	-41.8	-50	-45.4	1.5	4.6	10.5	16.6	451
2475.05	3.6	-41.5	-50	-45.1	1.5	4.9	10.5	16.9	452
2475.10	3.6	-42.1	-50	-45.7	1.5	4.3	10.5	16.3	453
2475.15	3.6	-41.8	-50	-45.4	1.5	4.6	10.5	16.6	454
2475.20	3.6	-40.2	-50	-43.8	1.5	6.2	10.5	18.2	455
2475.25	3.6	-39.1	-50	-42.7	1.5	7.3	10.5	19.3	456
2475.30	3.6	-38.7	-50	-42.3	1.5	7.7	10.5	19.7	457
2475.35	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	458
2475.40	3.6	-38.2	-50	-41.8	1.5	8.2	10.5	20.2	459
2475.45	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	460
2475.50	3.6	-38.3	-50	-41.9	1.5	8.1	10.5	20.1	461
2475.55	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	462
2475.60	3.6	-38.1	-50	-41.7	1.5	8.3	10.5	20.3	463
2475.65	3.6	-38.2	-50	-41.8	1.5	8.2	10.5	20.2	464
2475.70	3.6	-37.8	-50	-41.4	1.5	8.6	10.5	20.6	465
2475.75	3.6	-37.7	-50	-41.3	1.5	8.7	10.5	20.7	466
2475.80	3.6	-37.5	-50	-41.1	1.5	8.9	10.5	20.9	467
2475.85	3.6	-37.1	-50	-40.7	1.5	9.3	10.5	21.3	468
2475.90	3.6	-37.2	-50	-40.8	1.5	9.2	10.5	21.2	469
2475.95	3.6	-37.1	-50	-40.7	1.5	9.3	10.5	21.3	470
2476.00	3.6	-37.2	-50	-40.8	1.5	9.2	10.5	21.2	471
2476.05	3.6	-37.5	-50	-41.1	1.5	8.9	10.5	20.9	472
2476.10	3.6	-37.9	-50	-41.5	1.5	8.5	10.5	20.5	473
2476.15	3.6	-38.0	-50	-41.6	1.5	8.4	10.5	20.4	474
2476.20	3.6	-37.5	-50	-41.1	1.5	8.9	10.5	20.9	475
2476.25	3.6	-37.8	-50	-41.4	1.5	8.6	10.5	20.6	476
2476.30	3.6	-36.2	-50	-39.8	1.5	10.2	10.5	22.2	477
2476.35	3.6	-35.8	-50	-39.4	1.5	10.6	10.5	22.6	478
2476.40	3.6	-35.2	-50	-38.8	1.5	11.2	10.5	23.2	479
2476.45	3.6	-34.5	-50	-38.1	1.5	11.9	10.5	23.9	480
2476.50	3.6	-34.8	-50	-38.4	1.5	11.6	10.5	23.6	481
2476.55	3.6	-34.9	-50	-38.5	1.5	11.5	10.5	23.5	482
2476.60	3.6	-33.7	-50	-37.3	1.5	12.7	10.5	24.7	483
2476.65	3.6	-33.1	-50	-36.7	1.5	13.3	10.5	25.3	484
2476.70	3.6	-32.8	-50	-36.4	1.5	13.6	10.5	25.6	485

2476.75	3.6	-32.5	-50	-36.1	1.5	13.9	10.5	25.9	486
2476.80	3.6	-32.8	-50	-36.4	1.5	13.6	10.5	25.6	487
2476.85	3.6	-32.7	-50	-36.3	1.5	13.7	10.5	25.7	488
2476.90	3.6	-33.1	-50	-36.7	1.5	13.3	10.5	25.3	489
2476.95	3.6	-33.4	-50	-37.0	1.5	13.0	10.5	25.0	490
2477.00	3.6	-33.8	-50	-37.4	1.5	12.6	10.5	24.6	491
2477.05	3.6	-33.5	-50	-37.1	1.5	12.9	10.5	24.9	492
2477.10	3.6	-33.1	-50	-36.7	1.5	13.3	10.5	25.3	493
2477.15	3.6	-32.1	-50	-35.7	1.5	14.3	10.5	26.3	494
2477.20	3.6	-32.5	-50	-36.1	1.5	13.9	10.5	25.9	495
2477.25	3.6	-31.8	-50	-35.4	1.5	14.6	10.5	26.6	496
2477.30	3.6	-31.8	-50	-35.4	1.5	14.6	10.5	26.6	497
2477.35	3.6	-31.5	-50	-35.1	1.5	14.9	10.5	26.9	498
2477.40	3.6	-31.7	-50	-35.3	1.5	14.7	10.5	26.7	499
2477.45	3.6	-31.6	-50	-35.2	1.5	14.8	10.5	26.8	500
2477.50	3.6	-31.7	-50	-35.3	1.5	14.7	10.5	26.7	501
2477.55	3.6	-31.7	-50	-35.3	1.5	14.7	10.5	26.7	502
2477.60	3.6	-31.0	-50	-34.6	1.5	15.4	10.5	27.4	503
2477.65	3.6	-31.2	-50	-34.8	1.5	15.2	10.5	27.2	504
2477.70	3.6	-31.4	-50	-35.0	1.5	15.0	10.5	27.0	505
2477.75	3.6	-30.8	-50	-34.4	1.5	15.6	10.5	27.6	506
2477.80	3.6	-30.5	-50	-34.1	1.5	15.9	10.5	27.9	507
2477.85	3.6	-30.7	-50	-34.3	1.5	15.7	10.5	27.7	508
2477.90	3.6	-30.1	-50	-33.7	1.5	16.3	10.5	28.3	509
2477.95	3.6	-29.8	-50	-33.4	1.5	16.6	10.5	28.6	510
2478.00	3.6	-28.8	-50	-32.4	1.5	17.6	10.5	29.6	511
2478.05	3.6	-28.5	-50	-32.1	1.5	17.9	10.5	29.9	512
2478.10	3.6	-28.7	-50	-32.3	1.5	17.7	10.5	29.7	513
2478.15	3.6	-27.9	-50	-31.5	1.5	18.5	10.5	30.5	514
2478.20	3.6	-27.3	-50	-30.9	1.5	19.1	10.5	31.1	515
2478.25	3.6	-27.6	-50	-31.2	1.5	18.8	10.5	30.8	516
2478.30	3.6	-27.1	-50	-30.7	1.5	19.3	10.5	31.3	517
2478.35	3.6	-27.1	-50	-30.7	1.5	19.3	10.5	31.3	518
2478.40	3.6	-26.2	-50	-29.8	1.5	20.2	10.5	32.2	519
2478.45	3.6	-26.1	-50	-29.7	1.5	20.3	10.5	32.3	520
2478.50	3.6	-25.3	-50	-28.9	1.5	21.1	10.5	33.1	521

61 below 10 dB out of 521= 11.71%

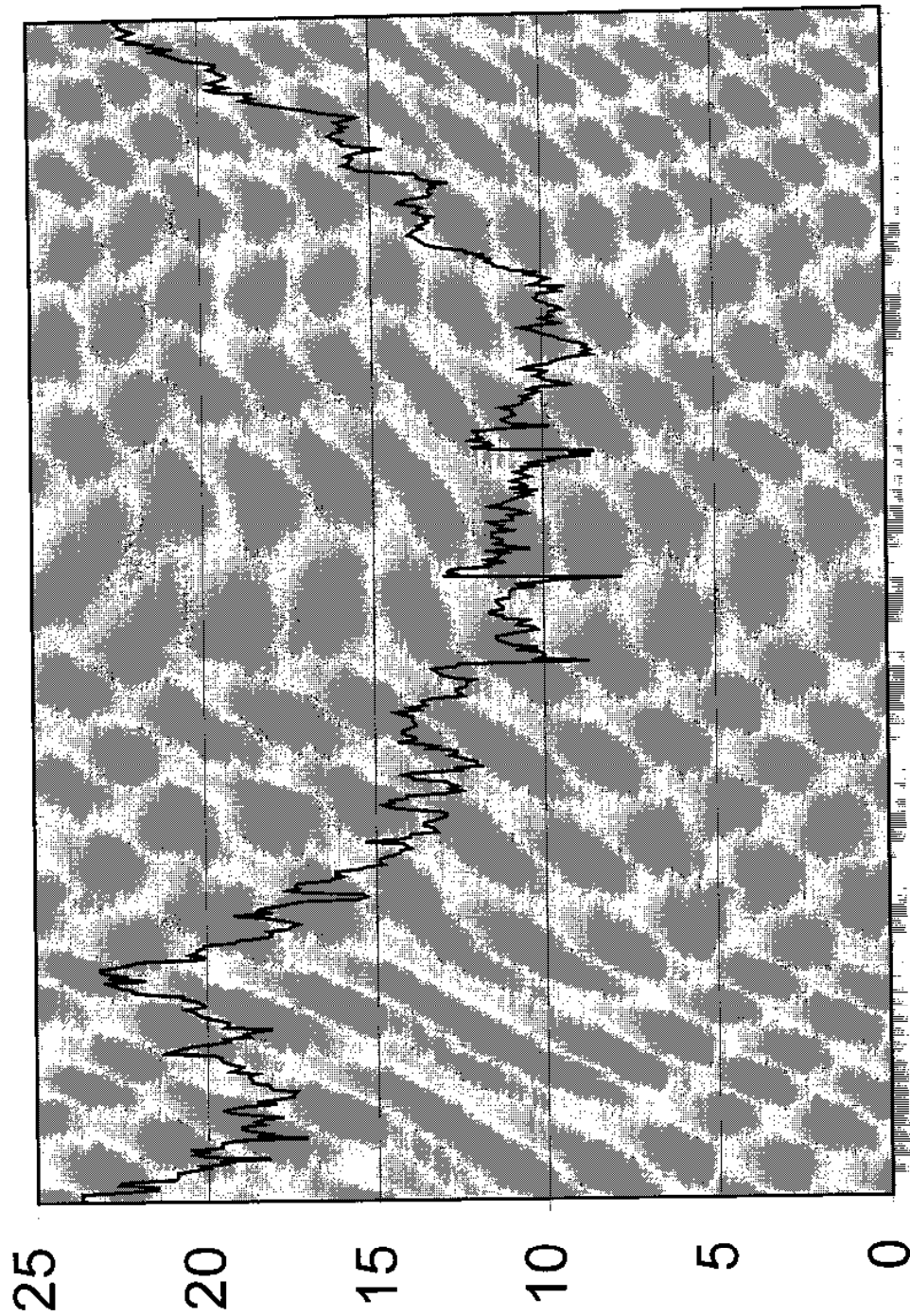
Processing Gain on High Band (2465.5 MHz)



— Series1

1 55 109 163 217 271 325 379 433 487

Processing Gain on Low Band (2418 MHz)



— Series1

1 51 101 151 201 251 301 351 401 451 501