

## Typical Performance Data

## Full 2-Port Extension

## Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.00V, Id = 93mA @Temperature = +25°C

FREQ.	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50	18.05	25.62	9.84	11.24	1.27	0.79	34.85	20.52	2.40
100	17.55	24.45	10.90	12.62	1.21	0.79	35.20	22.22	2.27
200	16.90	23.19	12.98	15.01	1.20	0.78	35.63	21.89	2.27
300	16.58	22.75	14.01	16.42	1.20	0.78	35.92	21.61	2.40
500	16.23	22.33	14.48	17.27	1.20	0.77	36.40	21.83	2.51
600	16.12	22.17	14.45	17.34	1.19	0.77	35.99	21.85	2.48
800	15.89	21.92	14.17	17.10	1.18	0.78	35.94	22.10	2.36
1000	15.63	21.62	13.81	16.77	1.17	0.78	35.77	22.23	2.36
1200	15.38	21.29	13.50	16.57	1.16	0.78	35.83	22.04	2.38
1400	15.11	20.94	13.32	16.53	1.15	0.78	35.80	22.06	2.35
1600	14.84	20.55	13.21	16.58	1.13	0.78	35.97	22.18	2.44
1700	14.70	20.36	13.17	16.65	1.13	0.78	35.90	22.19	2.39
1900	14.42	19.98	13.07	16.90	1.12	0.78	36.08	22.19	2.42
2100	14.15	19.57	12.92	17.20	1.11	0.78	36.00	22.20	2.45
2300	13.87	19.23	12.76	17.33	1.10	0.78	36.00	22.13	2.50
2500	13.59	18.86	12.43	17.36	1.09	0.78	36.14	22.12	2.52
2700	13.29	18.49	11.96	17.16	1.08	0.78	36.10	22.15	2.64
2900	12.99	18.17	11.45	16.67	1.07	0.78	35.87	22.04	2.71
3000	12.84	18.02	11.22	16.42	1.07	0.78	35.85	21.98	2.74
3200	12.53	17.71	10.74	15.92	1.06	0.78	36.17	21.60	2.74
3400	12.23	17.40	10.34	15.31	1.05	0.78	35.79	21.89	2.79
3600	11.93	17.13	9.94	14.79	1.04	0.79	35.90	21.96	2.83
3800	11.63	16.87	9.63	14.45	1.04	0.79	36.15	22.09	2.87
4000	11.33	16.60	9.40	14.14	1.04	0.79	35.66	22.01	2.91
4100	11.20	16.46	9.30	13.98	1.04	0.79	35.53	22.07	3.01
4300	10.92	16.20	9.13	13.74	1.03	0.79	36.31	21.75	3.00
4500	10.65	15.94	8.94	13.49	1.03	0.79	36.12	21.92	3.09
4700	10.39	15.69	8.78	13.16	1.03	0.78	36.08	22.06	3.14
4900	10.13	15.44	8.63	12.72	1.03	0.77	35.82	22.01	3.24
5100	9.86	15.21	8.43	12.26	1.03	0.77	35.87	21.80	3.28
5300	9.60	15.00	8.12	11.71	1.03	0.76	35.47	21.54	3.41
5400	9.45	14.91	7.98	11.38	1.03	0.75	35.37	21.29	3.38
5600	9.17	14.73	7.66	10.70	1.03	0.74	34.98	21.13	3.56
5800	8.87	14.56	7.31	10.03	1.03	0.74	34.55	21.16	3.64
6000	8.58	14.43	6.94	9.42	1.02	0.73	34.36	21.23	3.73
6200	8.25	14.30	6.56	8.87	1.02	0.73	34.41	20.77	3.77
6400	7.95	14.18	6.26	8.43	1.01	0.72	34.55	20.76	3.89
6600	7.65	14.05	6.01	8.03	1.01	0.72	34.98	20.78	3.93
6800	7.36	13.94	5.79	7.80	1.00	0.73	34.38	21.03	4.10
7000	7.09	13.82	5.61	7.67	1.00	0.74	34.53	20.97	4.23

## Typical Performance Data

## Full 2-Port Extension

## Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 4.75V, Id = 83mA @Temperature = +25°C

FREQ.	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50	17.92	26.06	9.86	11.60	1.32	0.82	34.86	19.16	2.13
100	17.43	24.40	10.92	12.57	1.22	0.80	35.07	21.71	2.18
200	16.77	23.13	13.00	14.95	1.20	0.78	35.13	21.29	2.24
300	16.45	22.61	14.05	16.30	1.20	0.77	35.64	21.05	2.36
500	16.11	22.23	14.54	17.20	1.20	0.78	35.09	21.28	2.48
600	15.99	22.11	14.50	17.28	1.20	0.78	35.87	21.30	2.47
800	15.76	21.83	14.22	17.04	1.19	0.78	35.93	21.54	2.32
1000	15.51	21.52	13.86	16.69	1.17	0.78	35.42	21.66	2.34
1200	15.26	21.22	13.55	16.49	1.16	0.79	35.48	21.48	2.41
1400	14.99	20.85	13.35	16.45	1.15	0.78	35.57	21.50	2.34
1600	14.73	20.46	13.25	16.50	1.13	0.78	35.50	21.56	2.43
1700	14.59	20.29	13.19	16.61	1.13	0.78	35.17	21.57	2.40
1900	14.32	19.88	13.08	16.84	1.12	0.78	35.40	21.62	2.39
2100	14.05	19.50	12.95	17.10	1.11	0.78	35.93	21.59	2.43
2300	13.76	19.13	12.77	17.25	1.10	0.78	35.58	21.58	2.48
2500	13.49	18.79	12.43	17.27	1.09	0.78	35.59	21.57	2.49
2700	13.19	18.42	11.97	17.06	1.08	0.78	35.22	21.60	2.57
2900	12.90	18.10	11.50	16.58	1.07	0.78	36.20	21.50	2.70
3000	12.75	17.95	11.25	16.30	1.07	0.78	36.41	21.48	2.70
3200	12.44	17.64	10.76	15.84	1.06	0.78	36.21	21.12	2.72
3400	12.15	17.35	10.34	15.21	1.05	0.78	35.86	21.33	2.73
3600	11.84	17.06	9.95	14.71	1.05	0.79	36.63	21.46	2.77
3800	11.54	16.80	9.62	14.35	1.04	0.79	36.58	21.52	2.82
4000	11.25	16.53	9.38	14.04	1.04	0.79	35.95	21.51	2.88
4100	11.11	16.41	9.29	13.89	1.04	0.79	36.66	21.50	2.94
4300	10.83	16.13	9.12	13.64	1.03	0.79	36.05	21.20	2.94
4500	10.56	15.89	8.94	13.39	1.03	0.79	36.38	21.36	3.03
4700	10.30	15.64	8.77	13.06	1.03	0.78	36.20	21.50	3.05
4900	10.04	15.38	8.62	12.62	1.03	0.77	36.21	21.44	3.17
5100	9.78	15.15	8.42	12.16	1.03	0.77	36.39	21.31	3.21
5300	9.52	14.95	8.12	11.61	1.03	0.76	35.98	21.05	3.32
5400	9.38	14.87	7.98	11.29	1.03	0.75	35.36	20.75	3.32
5600	9.09	14.68	7.65	10.63	1.03	0.74	35.28	20.66	3.46
5800	8.80	14.52	7.31	9.96	1.03	0.74	35.33	20.68	3.53
6000	8.51	14.38	6.93	9.35	1.02	0.73	34.76	20.68	3.65
6200	8.18	14.27	6.57	8.81	1.02	0.73	35.21	20.24	3.67
6400	7.88	14.15	6.25	8.38	1.01	0.72	34.89	20.29	3.80
6600	7.58	14.02	6.02	7.98	1.01	0.72	35.19	20.24	3.86
6800	7.30	13.90	5.80	7.73	1.00	0.73	34.52	20.55	4.00
7000	7.02	13.79	5.62	7.64	1.00	0.74	34.73	20.43	4.12

## Typical Performance Data

## Full 2-Port Extension

## Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.25V, Id = 101mA @Temperature = +25°C

FREQ.	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50	18.15	25.88	9.92	11.44	1.28	0.80	33.81	21.09	2.24
100	17.64	24.47	10.97	12.71	1.21	0.79	35.07	22.74	2.21
200	16.98	23.26	13.07	15.15	1.20	0.78	35.77	22.36	2.25
300	16.67	22.80	14.10	16.56	1.20	0.77	35.70	22.12	2.38
500	16.32	22.41	14.61	17.46	1.20	0.77	35.76	22.34	2.49
600	16.21	22.27	14.56	17.52	1.19	0.78	35.92	22.31	2.47
800	15.97	21.99	14.29	17.27	1.18	0.78	35.76	22.58	2.35
1000	15.72	21.66	13.91	16.95	1.17	0.78	35.60	22.77	2.36
1200	15.46	21.34	13.62	16.73	1.16	0.78	35.72	22.57	2.39
1400	15.20	20.97	13.42	16.70	1.14	0.78	35.92	22.59	2.34
1600	14.92	20.61	13.31	16.72	1.13	0.78	36.03	22.72	2.41
1700	14.79	20.45	13.26	16.84	1.13	0.78	35.83	22.67	2.38
1900	14.51	20.03	13.13	17.10	1.12	0.78	36.02	22.72	2.39
2100	14.23	19.65	13.03	17.38	1.11	0.77	35.76	22.73	2.44
2300	13.95	19.27	12.84	17.51	1.10	0.77	35.93	22.65	2.49
2500	13.67	18.91	12.52	17.55	1.09	0.77	35.82	22.64	2.51
2700	13.37	18.54	12.04	17.33	1.08	0.77	36.37	22.67	2.59
2900	13.07	18.21	11.53	16.84	1.07	0.77	35.65	22.55	2.70
3000	12.92	18.06	11.29	16.59	1.07	0.78	35.61	22.51	2.70
3200	12.61	17.76	10.80	16.11	1.06	0.78	36.11	22.05	2.73
3400	12.31	17.45	10.39	15.45	1.05	0.78	35.71	22.36	2.74
3600	12.00	17.17	9.98	14.91	1.04	0.78	35.26	22.49	2.80
3800	11.70	16.90	9.66	14.58	1.04	0.79	35.88	22.57	2.86
4000	11.41	16.62	9.43	14.26	1.04	0.79	35.52	22.55	2.91
4100	11.27	16.51	9.35	14.09	1.04	0.79	35.63	22.55	2.98
4300	10.99	16.23	9.17	13.82	1.04	0.78	36.14	22.21	2.97
4500	10.72	15.97	9.00	13.55	1.03	0.78	35.50	22.39	3.05
4700	10.46	15.71	8.83	13.23	1.03	0.78	35.75	22.54	3.10
4900	10.20	15.49	8.67	12.79	1.03	0.77	36.04	22.48	3.19
5100	9.93	15.24	8.46	12.33	1.03	0.76	35.43	22.33	3.24
5300	9.67	15.03	8.15	11.78	1.03	0.76	34.80	21.99	3.36
5400	9.52	14.93	8.02	11.43	1.03	0.75	35.31	21.68	3.34
5600	9.24	14.76	7.68	10.78	1.03	0.74	34.80	21.65	3.51
5800	8.95	14.59	7.33	10.08	1.02	0.73	34.12	21.62	3.59
6000	8.65	14.45	6.96	9.45	1.02	0.73	34.14	21.69	3.71
6200	8.32	14.33	6.59	8.93	1.02	0.72	34.10	21.23	3.72
6400	8.02	14.21	6.28	8.51	1.01	0.72	34.11	21.22	3.83
6600	7.72	14.08	6.03	8.08	1.01	0.72	34.46	21.23	3.90
6800	7.43	13.95	5.82	7.85	1.00	0.73	34.37	21.56	4.04
7000	7.17	13.83	5.64	7.74	1.00	0.74	34.34	21.43	4.18

## Typical Performance Data

## Without Full 2-Port Extension

## Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.00V, Id = 93mA @Temperature = +25°C

FREQ.	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50	18.09	25.90	9.79	11.54	1.29	0.81	34.85	20.52	2.40
100	17.59	24.42	10.87	12.59	1.21	0.79	35.20	22.22	2.27
200	16.92	23.20	12.97	15.00	1.19	0.78	35.63	21.89	2.27
300	16.58	22.74	14.01	16.38	1.20	0.77	35.92	21.61	2.40
500	16.22	22.37	14.51	17.29	1.20	0.78	36.40	21.83	2.51
600	16.09	22.27	14.49	17.36	1.20	0.78	35.99	21.85	2.48
800	15.84	21.98	14.24	17.15	1.19	0.78	35.94	22.10	2.36
1000	15.56	21.69	13.89	16.84	1.18	0.79	35.77	22.23	2.36
1200	15.28	21.37	13.60	16.64	1.17	0.79	35.83	22.04	2.38
1400	15.00	21.05	13.45	16.62	1.17	0.79	35.80	22.06	2.35
1600	14.71	20.66	13.35	16.71	1.15	0.79	35.97	22.18	2.44
1700	14.56	20.52	13.31	16.77	1.15	0.80	35.90	22.19	2.39
1900	14.26	20.11	13.24	17.04	1.14	0.79	36.08	22.19	2.42
2100	13.98	19.78	13.13	17.36	1.14	0.80	36.00	22.20	2.45
2300	13.67	19.42	12.98	17.49	1.13	0.80	36.00	22.13	2.50
2500	13.38	19.06	12.67	17.53	1.12	0.80	36.14	22.12	2.52
2700	13.06	18.74	12.22	17.34	1.12	0.80	36.10	22.15	2.64
2900	12.75	18.42	11.74	16.88	1.11	0.80	35.87	22.04	2.71
3000	12.59	18.28	11.51	16.62	1.11	0.81	35.85	21.98	2.74
3200	12.26	17.99	11.05	16.16	1.10	0.81	36.17	21.60	2.74
3400	11.94	17.69	10.66	15.55	1.10	0.81	35.79	21.89	2.79
3600	11.62	17.45	10.29	15.05	1.10	0.82	35.90	21.96	2.83
3800	11.31	17.20	10.00	14.72	1.09	0.82	36.15	22.09	2.87
4000	11.00	16.94	9.79	14.43	1.09	0.82	35.66	22.01	2.91
4100	10.85	16.82	9.71	14.28	1.09	0.82	35.53	22.07	3.01
4300	10.56	16.57	9.55	14.03	1.09	0.83	36.31	21.75	3.00
4500	10.27	16.30	9.39	13.80	1.09	0.82	36.12	21.92	3.09
4700	9.99	16.08	9.24	13.48	1.10	0.82	36.08	22.06	3.14
4900	9.72	15.85	9.10	13.05	1.10	0.82	35.82	22.01	3.24
5100	9.44	15.62	8.93	12.62	1.10	0.81	35.87	21.80	3.28
5300	9.15	15.44	8.64	12.07	1.10	0.81	35.47	21.54	3.41
5400	9.00	15.35	8.52	11.76	1.10	0.80	35.37	21.29	3.38
5600	8.71	15.19	8.20	11.07	1.10	0.80	34.98	21.13	3.56
5800	8.39	15.05	7.88	10.41	1.10	0.79	34.55	21.16	3.64
6000	8.08	14.91	7.52	9.83	1.10	0.79	34.36	21.23	3.73
6200	7.74	14.81	7.18	9.28	1.10	0.78	34.41	20.77	3.77
6400	7.43	14.70	6.88	8.84	1.10	0.78	34.55	20.76	3.89
6600	7.11	14.60	6.65	8.47	1.10	0.79	34.98	20.78	3.93
6800	6.81	14.49	6.45	8.25	1.10	0.79	34.38	21.03	4.10
7000	6.52	14.38	6.29	8.13	1.10	0.80	34.53	20.97	4.23

## Typical Performance Data

### Without Full 2-Port Extension

#### Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 4.75V, Id = 83mA @Temperature = +25°C

FREQ.	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50	17.97	25.46	9.86	11.23	1.26	0.79	34.86	19.16	2.13
100	17.46	24.34	10.90	12.56	1.21	0.79	35.07	21.71	2.18
200	16.79	23.12	12.99	14.94	1.20	0.78	35.13	21.29	2.24
300	16.46	22.67	14.04	16.34	1.20	0.78	35.64	21.05	2.36
500	16.09	22.27	14.58	17.22	1.21	0.78	35.09	21.28	2.48
600	15.96	22.14	14.55	17.29	1.20	0.78	35.87	21.30	2.47
800	15.71	21.88	14.29	17.10	1.20	0.79	35.93	21.54	2.32
1000	15.44	21.58	13.95	16.78	1.19	0.79	35.42	21.66	2.34
1200	15.16	21.28	13.66	16.58	1.18	0.79	35.48	21.48	2.41
1400	14.88	20.97	13.50	16.57	1.17	0.80	35.57	21.50	2.34
1600	14.59	20.58	13.40	16.62	1.16	0.80	35.50	21.56	2.43
1700	14.45	20.43	13.35	16.73	1.16	0.80	35.17	21.57	2.40
1900	14.16	20.07	13.27	16.99	1.15	0.80	35.40	21.62	2.39
2100	13.87	19.67	13.16	17.28	1.14	0.80	35.93	21.59	2.43
2300	13.57	19.33	13.01	17.44	1.13	0.80	35.58	21.58	2.48
2500	13.27	18.99	12.69	17.47	1.13	0.80	35.59	21.57	2.49
2700	12.96	18.67	12.25	17.26	1.12	0.80	35.22	21.60	2.57
2900	12.65	18.34	11.79	16.80	1.11	0.80	36.20	21.50	2.70
3000	12.50	18.19	11.56	16.51	1.11	0.80	36.41	21.48	2.70
3200	12.17	17.90	11.08	16.05	1.10	0.81	36.21	21.12	2.72
3400	11.85	17.62	10.68	15.45	1.10	0.81	35.86	21.33	2.73
3600	11.53	17.37	10.31	14.98	1.10	0.82	36.63	21.46	2.77
3800	11.22	17.14	10.00	14.61	1.09	0.82	36.58	21.52	2.82
4000	10.91	16.86	9.78	14.30	1.09	0.82	35.95	21.51	2.88
4100	10.77	16.78	9.70	14.18	1.10	0.83	36.66	21.50	2.94
4300	10.47	16.49	9.54	13.94	1.09	0.82	36.05	21.20	2.94
4500	10.18	16.25	9.39	13.71	1.10	0.82	36.38	21.36	3.03
4700	9.91	16.03	9.23	13.38	1.10	0.82	36.20	21.50	3.05
4900	9.64	15.80	9.11	12.95	1.10	0.82	36.21	21.44	3.17
5100	9.36	15.59	8.92	12.52	1.10	0.81	36.39	21.31	3.21
5300	9.08	15.40	8.64	11.98	1.10	0.81	35.98	21.05	3.32
5400	8.93	15.33	8.52	11.65	1.11	0.80	35.36	20.75	3.32
5600	8.63	15.15	8.20	11.01	1.11	0.80	35.28	20.66	3.46
5800	8.32	15.01	7.88	10.36	1.11	0.79	35.33	20.68	3.53
6000	8.01	14.88	7.53	9.75	1.10	0.79	34.76	20.68	3.65
6200	7.67	14.78	7.17	9.22	1.11	0.78	35.21	20.24	3.67
6400	7.36	14.67	6.88	8.80	1.11	0.78	34.89	20.29	3.80
6600	7.05	14.58	6.67	8.42	1.10	0.78	35.19	20.24	3.86
6800	6.75	14.45	6.46	8.19	1.10	0.79	34.52	20.55	4.00
7000	6.46	14.35	6.29	8.09	1.11	0.80	34.73	20.43	4.12

## Typical Performance Data

### Without Full 2-Port Extension

#### Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.25V, Id = 101mA @Temperature = +25°C

FREQ.	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50	18.20	25.84	9.82	11.51	1.28	0.80	33.81	21.09	2.24
100	17.68	24.43	10.91	12.67	1.20	0.79	35.07	22.74	2.21
200	17.00	23.23	13.04	15.12	1.19	0.78	35.77	22.36	2.25
300	16.68	22.77	14.07	16.51	1.19	0.77	35.70	22.12	2.38
500	16.31	22.40	14.62	17.48	1.20	0.77	35.76	22.34	2.49
600	16.18	22.30	14.59	17.54	1.20	0.78	35.92	22.31	2.47
800	15.92	22.02	14.33	17.33	1.19	0.78	35.76	22.58	2.35
1000	15.65	21.74	13.98	17.02	1.18	0.79	35.60	22.77	2.36
1200	15.37	21.42	13.71	16.80	1.17	0.79	35.72	22.57	2.39
1400	15.09	21.08	13.54	16.78	1.16	0.79	35.92	22.59	2.34
1600	14.79	20.74	13.45	16.84	1.16	0.79	36.03	22.72	2.41
1700	14.65	20.55	13.41	16.98	1.15	0.79	35.83	22.67	2.38
1900	14.35	20.23	13.31	17.19	1.15	0.80	36.02	22.72	2.39
2100	14.06	19.83	13.23	17.53	1.14	0.79	35.76	22.73	2.44
2300	13.75	19.46	13.05	17.67	1.13	0.79	35.93	22.65	2.49
2500	13.45	19.12	12.75	17.72	1.12	0.79	35.82	22.64	2.51
2700	13.14	18.76	12.31	17.54	1.12	0.80	36.37	22.67	2.59
2900	12.82	18.48	11.81	17.06	1.11	0.80	35.65	22.55	2.70
3000	12.67	18.31	11.58	16.79	1.11	0.80	35.61	22.51	2.70
3200	12.34	18.02	11.11	16.35	1.10	0.81	36.11	22.05	2.73
3400	12.02	17.75	10.72	15.70	1.10	0.81	35.71	22.36	2.74
3600	11.70	17.49	10.34	15.18	1.10	0.81	35.26	22.49	2.80
3800	11.38	17.24	10.04	14.84	1.09	0.82	35.88	22.57	2.86
4000	11.07	16.97	9.83	14.54	1.09	0.82	35.52	22.55	2.91
4100	10.93	16.86	9.76	14.38	1.09	0.82	35.63	22.55	2.98
4300	10.63	16.59	9.59	14.12	1.09	0.82	36.14	22.21	2.97
4500	10.34	16.35	9.44	13.87	1.10	0.82	35.50	22.39	3.05
4700	10.06	16.12	9.30	13.56	1.10	0.82	35.75	22.54	3.10
4900	9.79	15.89	9.15	13.12	1.10	0.81	36.04	22.48	3.19
5100	9.51	15.67	8.96	12.67	1.10	0.81	35.43	22.33	3.24
5300	9.23	15.47	8.67	12.14	1.10	0.80	34.80	21.99	3.36
5400	9.07	15.39	8.56	11.78	1.10	0.80	35.31	21.68	3.34
5600	8.78	15.21	8.22	11.15	1.10	0.79	34.80	21.65	3.51
5800	8.47	15.07	7.90	10.48	1.10	0.79	34.12	21.62	3.59
6000	8.16	14.94	7.55	9.86	1.10	0.78	34.14	21.69	3.71
6200	7.81	14.85	7.20	9.34	1.10	0.78	34.10	21.23	3.72
6400	7.50	14.73	6.90	8.93	1.10	0.79	34.11	21.22	3.83
6600	7.18	14.62	6.67	8.51	1.10	0.78	34.46	21.23	3.90
6800	6.88	14.50	6.48	8.30	1.10	0.79	34.37	21.56	4.04
7000	6.60	14.40	6.32	8.21	1.10	0.80	34.34	21.43	4.18