

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 = 5V, Id = 562mA @Temperature = +25°C

FREQUENCY (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Stability		IP-3 Output (dBm)	1dB Comp. Output (dBm)	Noise Figure (dB)
					K	Measure			
12000	13.79	66.86	36.08	13.43	215.05	0.95	29.19	21.42	11.07
12200	14.28	65.80	33.16	15.04	182.36	0.97	29.68	21.81	10.98
12400	14.59	65.79	30.59	17.03	177.76	0.98	30.25	22.47	10.87
12600	14.74	65.38	28.03	19.58	168.12	0.99	30.65	23.07	10.89
12800	14.75	64.70	25.93	22.90	156.06	1.00	30.96	23.57	10.90
13000	14.67	64.10	24.40	27.63	147.21	1.00	31.48	23.97	10.76
13200	14.54	63.79	23.34	33.42	144.29	1.00	31.82	24.36	10.64
13400	14.38	63.11	22.70	30.65	135.73	1.00	32.63	24.69	10.65
13600	14.22	62.54	22.58	26.07	129.19	1.00	33.15	24.88	10.59
13800	14.08	62.27	22.97	23.23	127.14	1.00	33.71	25.06	10.53
14000	13.96	61.98	23.78	21.32	124.31	1.00	34.17	25.18	10.42
14500	13.83	61.17	26.11	18.74	114.57	0.99	34.64	25.50	10.27
15000	13.84	59.93	22.05	17.64	98.38	0.99	34.96	25.86	10.09
15500	13.95	56.82	17.12	17.02	66.90	1.00	35.31	26.26	9.99
16000	14.17	59.91	14.42	15.59	90.78	1.01	35.70	26.56	9.75
16500	14.48	64.42	13.46	14.47	144.67	1.01	36.03	26.91	9.60
17000	14.85	67.74	13.16	13.21	199.81	1.00	35.48	27.24	9.56
17500	15.15	69.44	12.60	11.90	229.03	0.99	35.52	27.25	9.32
18000	15.36	69.04	11.75	10.92	207.08	0.98	35.40	26.95	9.36
18500	15.52	68.60	11.09	10.49	189.33	0.98	34.78	26.66	9.38
19000	15.65	65.55	10.83	10.90	131.74	0.99	34.27	26.84	9.41
19500	15.71	67.15	11.17	11.87	161.11	1.01	34.05	27.04	9.29
20000	15.66	74.95	12.69	13.50	416.68	1.01	33.58	27.37	9.36
20500	15.53	77.24	15.57	15.94	576.83	1.00	33.64	27.57	9.35
21000	15.29	73.37	20.11	18.08	390.58	0.99	32.88	27.67	9.39
21500	15.02	70.37	24.74	17.64	286.48	0.99	33.19	27.60	9.35
22000	14.73	68.46	25.53	14.96	235.89	0.98	33.48	27.41	9.44
22500	14.42	70.81	24.26	14.02	315.74	0.96	33.07	27.32	9.49
23000	14.17	79.70	25.13	12.95	894.58	0.95	32.38	27.20	9.55
23500	14.04	71.37	30.56	12.51	346.71	0.94	32.15	27.08	9.20
24000	13.98	68.66	34.79	12.13	254.34	0.94	31.61	26.91	9.25
24500	14.03	68.19	24.71	11.69	237.11	0.94	32.41	26.93	8.88
25000	14.18	65.80	20.95	11.06	174.13	0.93	33.11	26.98	9.05
25500	14.36	61.73	20.18	10.55	105.49	0.92	31.95	26.82	8.73
26000	14.54	62.02	21.32	10.72	107.49	0.92	32.28	26.63	8.60
26500	14.81	64.34	22.94	11.27	137.82	0.93	32.02	26.27	8.32
27000	15.31	68.19	26.57	11.90	205.49	0.94	32.11	26.27	8.53
27500	15.94	67.30	29.37	12.99	175.46	0.95	32.64	26.22	8.40
28000	16.44	67.15	27.37	14.97	165.88	0.97	30.57	26.05	8.47

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 = 529mA @Temperature = +25°C

FREQUENCY (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Stability		IP-3 Output (dBm)	1dB Comp. Output (dBm)	Noise Figure (dB)
					K	Measure			
12000.0	13.90	66.89	35.94	13.47	212.80	0.96	29.21	20.83	11.05
12200.0	14.40	65.65	33.05	15.08	176.89	0.97	29.76	21.22	10.96
12400.0	14.71	65.71	30.53	17.07	173.75	0.98	30.25	21.86	10.86
12600.0	14.86	65.56	28.00	19.61	169.21	0.99	30.66	22.43	10.87
12800.0	14.88	64.48	25.92	22.88	149.92	1.00	31.00	22.95	10.90
13000.0	14.80	64.15	24.41	27.43	145.86	1.00	31.55	23.37	10.74
13200.0	14.67	63.75	23.34	32.54	141.47	1.00	31.96	23.78	10.63
13400.0	14.51	63.00	22.71	30.19	132.10	1.00	32.62	24.14	10.63
13600.0	14.35	62.61	22.59	25.94	128.39	1.00	33.38	24.34	10.57
13800.0	14.20	62.31	22.99	23.19	125.94	1.00	33.77	24.55	10.51
14000.0	14.08	62.11	23.81	21.32	124.57	1.00	34.35	24.68	10.40
14500.0	13.93	61.17	26.16	18.75	113.25	0.99	35.02	25.06	10.24
15000.0	13.94	60.01	22.08	17.66	98.30	0.99	35.32	25.44	10.07
15500.0	14.02	56.79	17.13	17.04	66.06	1.00	35.61	25.81	9.95
16000.0	14.24	60.11	14.41	15.59	92.23	1.01	36.13	26.09	9.72
16500.0	14.53	64.70	13.47	14.48	148.61	1.01	36.32	26.45	9.58
17000.0	14.88	67.75	13.14	13.23	199.41	1.00	35.80	26.72	9.54
17500.0	15.17	69.31	12.61	11.94	225.30	0.99	35.99	26.76	9.29
18000.0	15.37	69.04	11.75	10.97	206.94	0.98	35.45	26.40	9.34
18500.0	15.50	68.31	11.08	10.56	183.68	0.98	35.21	26.06	9.35
19000.0	15.62	65.60	10.82	10.97	133.09	1.00	34.65	26.22	9.38
19500.0	15.66	66.92	11.15	11.92	158.11	1.01	34.51	26.39	9.26
20000.0	15.58	74.53	12.68	13.54	400.40	1.01	33.79	26.67	9.32
20500.0	15.44	77.28	15.55	15.96	585.74	1.00	33.97	26.87	9.31
21000.0	15.19	73.68	20.09	18.08	409.25	0.99	33.20	27.02	9.36
21500.0	14.92	70.78	24.72	17.63	303.94	0.99	33.47	27.01	9.31
22000.0	14.63	69.03	25.54	15.66	254.66	0.98	33.44	26.87	9.39
22500.0	14.34	71.50	24.23	14.03	345.01	0.96	33.15	26.81	9.44
23000.0	14.10	80.87	25.02	12.98	1032.25	0.95	32.57	26.77	9.49
23500.0	13.98	72.25	30.27	12.55	386.28	0.95	32.10	26.71	9.15
24000.0	13.94	68.79	34.90	12.17	259.72	0.94	31.77	26.53	9.19
24500.0	14.01	67.89	24.77	11.75	229.96	0.94	32.55	26.39	8.82
25000.0	14.16	65.72	20.96	11.10	173.13	0.93	33.13	26.20	9.00
25500.0	14.35	61.98	20.18	10.59	108.76	0.92	32.09	25.96	8.68
26000.0	14.54	61.78	21.27	10.72	104.58	0.92	32.26	25.84	8.55
26500.0	14.81	64.07	22.88	11.26	133.64	0.93	32.12	25.56	8.29
27000.0	15.32	68.19	26.41	11.88	205.37	0.94	32.09	25.51	8.50
27500.0	15.95	68.14	29.24	12.93	192.95	0.95	32.90	25.43	8.38
28000.0	16.46	67.10	27.33	14.87	164.48	0.97	30.91	25.22	8.45

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 = 595mA @Temperature = +25°C

FREQUENCY (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Stability		IP-3 Output (dBm)	1dB Comp. Output (dBm)	Noise Figure (dB)
					K	Measure			
12000.0	13.68	67.06	36.16	13.39	222.49	0.95	28.69	21.84	11.12
12200.0	14.17	65.99	33.19	15.00	188.75	0.97	29.17	22.22	11.03
12400.0	14.48	65.85	30.64	17.00	181.23	0.98	29.67	22.86	10.92
12600.0	14.63	65.49	28.04	19.56	172.32	0.99	30.02	23.49	10.92
12800.0	14.64	64.72	25.93	22.91	158.47	1.00	30.33	24.01	10.93
13000.0	14.56	64.35	24.40	27.78	153.48	1.00	30.80	24.42	10.78
13200.0	14.42	63.75	23.32	34.18	145.68	1.00	31.19	24.84	10.68
13400.0	14.27	63.10	22.70	31.01	137.42	1.00	31.75	25.17	10.68
13600.0	14.11	62.52	22.57	26.16	130.62	1.00	32.33	25.28	10.64
13800.0	13.97	62.36	22.95	23.25	130.13	1.00	32.64	25.47	10.58
14000.0	13.86	61.99	23.76	21.33	126.10	1.00	33.07	25.58	10.46
14500.0	13.73	61.12	26.07	18.73	115.21	0.99	33.66	25.89	10.30
15000.0	13.76	59.88	22.03	17.64	98.82	0.99	33.81	26.27	10.13
15500.0	13.87	56.65	17.11	17.04	66.15	1.00	34.57	26.68	9.99
16000.0	14.11	59.90	14.42	15.59	91.29	1.01	34.92	27.00	9.75
16500.0	14.43	64.34	13.46	14.47	144.18	1.01	35.04	27.38	9.60
17000.0	14.81	67.96	13.16	13.20	205.81	1.00	34.51	27.73	9.54
17500.0	15.13	68.92	12.61	11.88	216.35	0.99	34.76	27.81	9.30
18000.0	15.35	68.49	11.77	10.88	194.33	0.98	34.71	27.44	9.33
18500.0	15.52	67.81	11.10	10.45	172.59	0.98	34.49	27.07	9.35
19000.0	15.67	65.64	10.83	10.85	132.82	0.99	34.13	27.24	9.36
19500.0	15.74	67.41	11.17	11.83	165.56	1.01	33.86	27.35	9.21
20000.0	15.71	76.36	12.70	13.48	486.93	1.01	33.21	27.68	9.26
20500.0	15.59	76.23	15.59	15.93	509.84	1.00	33.28	28.01	9.24
21000.0	15.37	72.86	20.14	18.08	365.24	0.99	32.81	28.14	9.32
21500.0	15.10	69.92	24.79	17.66	269.72	0.99	32.92	28.13	9.34
22000.0	14.80	68.15	25.59	14.97	225.76	0.98	33.24	28.01	9.47
22500.0	14.48	70.81	24.35	14.02	313.34	0.96	32.85	28.03	9.57
23000.0	14.21	79.61	25.30	12.92	880.99	0.95	32.06	27.93	9.68
23500.0	14.07	71.92	30.93	12.47	367.90	0.94	31.67	27.88	9.24
24000.0	14.00	68.82	34.48	12.07	258.14	0.94	31.45	27.76	9.34
24500.0	14.05	68.28	24.61	11.64	239.07	0.93	31.87	27.56	8.98
25000.0	14.19	65.51	20.93	11.00	168.16	0.93	32.40	27.29	9.25
25500.0	14.37	61.64	20.19	10.51	104.31	0.92	31.24	26.95	8.91
26000.0	14.53	62.33	21.36	10.70	111.46	0.92	31.63	26.86	8.77
26500.0	14.80	64.77	23.00	11.28	145.03	0.93	32.08	27.16	8.40
27000.0	15.30	69.11	26.66	11.92	229.06	0.94	31.14	27.08	8.64
27500.0	15.92	67.95	29.38	13.04	189.69	0.95	31.76	26.74	8.49
28000.0	16.42	66.77	27.22	15.06	159.19	0.97	29.72	26.68	8.51

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 = 5V, Id = 562mA @Temperature = +25°C

FREQUENCY	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)
12000	12.76	68.02	37.26	14.32	279.01	0.96	29.19	21.42	11.07
12200	13.24	66.82	34.37	15.94	232.62	0.97	29.68	21.81	10.98
12400	13.54	66.70	31.82	17.95	223.88	0.98	30.25	22.47	10.87
12600	13.67	66.58	29.25	20.51	218.76	0.99	30.65	23.07	10.89
12800	13.67	65.63	27.18	23.83	197.13	1.00	30.96	23.57	10.90
13000	13.58	65.27	25.67	28.57	191.35	1.00	31.48	23.97	10.76
13200	13.42	64.64	24.61	34.36	181.16	1.00	31.82	24.36	10.64
13400	13.26	64.01	23.99	31.65	171.66	1.00	32.63	24.69	10.65
13600	13.08	63.78	23.89	27.07	170.39	1.00	33.15	24.88	10.59
13800	12.92	63.42	24.29	24.23	166.18	1.00	33.71	25.06	10.53
14000	12.80	63.21	25.12	22.35	164.37	1.00	34.17	25.18	10.42
14500	12.62	62.38	27.48	19.79	151.83	0.99	34.64	25.50	10.27
15000	12.61	61.15	23.46	18.72	131.29	0.99	34.96	25.86	10.09
15500	12.68	57.99	18.57	18.14	89.52	1.00	35.31	26.26	9.99
16000	12.87	61.43	15.91	16.72	127.78	1.00	35.70	26.56	9.75
16500	13.14	65.60	14.98	15.63	197.67	1.00	36.03	26.91	9.60
17000	13.48	69.42	14.71	14.40	291.80	1.00	35.48	27.24	9.56
17500	13.75	70.50	14.20	13.12	314.48	0.99	35.52	27.25	9.32
18000	13.93	70.17	13.39	12.16	290.55	0.98	35.40	26.95	9.36
18500	14.05	69.32	12.75	11.77	256.37	0.98	34.78	26.66	9.38
19000	14.16	66.99	12.53	12.20	194.44	0.99	34.27	26.84	9.41
19500	14.18	68.78	12.91	13.20	242.56	1.00	34.05	27.04	9.29
20000	14.10	77.04	14.47	14.86	654.21	1.00	33.58	27.37	9.36
20500	13.94	77.72	17.39	17.32	744.48	1.00	33.64	27.57	9.35
21000	13.67	74.96	21.97	19.48	569.54	1.00	32.88	27.67	9.39
21500	13.38	71.68	26.65	19.07	405.29	0.99	33.19	27.60	9.35
22000	13.05	70.46	27.47	17.14	363.40	0.98	33.48	27.41	9.44
22500	12.71	73.07	26.24	15.51	505.33	0.97	33.07	27.32	9.49
23000	12.43	82.87	27.17	14.46	1600.74	0.97	32.38	27.20	9.55
23500	12.27	73.59	32.66	14.05	559.28	0.96	32.15	27.08	9.20
24000	12.18	70.62	36.77	13.69	399.90	0.96	31.61	26.91	9.25
24500	12.20	70.34	26.74	13.28	383.62	0.96	32.41	26.93	8.88
25000	12.32	67.71	23.05	12.67	276.97	0.95	33.11	26.98	9.05
25500	12.48	63.70	22.35	12.19	169.99	0.95	31.95	26.82	8.73
26000	12.62	64.00	23.53	12.38	173.94	0.95	32.28	26.63	8.60
26500	12.86	66.56	25.17	12.96	229.07	0.95	32.02	26.27	8.32
27000	13.33	70.76	28.84	13.61	355.40	0.96	32.11	26.27	8.53
27500	13.93	69.50	31.71	14.73	289.98	0.97	32.64	26.22	8.40
28000	14.40	68.53	29.73	16.73	248.75	0.98	30.57	26.05	8.47

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 = 529mA @Temperature = +25°C

FREQUENCY	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)
12000	13.04	68.10	37.16	14.36	277.76	0.96	29.21	20.83	11.05
12200	13.56	66.76	34.28	15.99	227.92	0.98	29.76	21.22	10.96
12400	13.88	66.54	31.80	17.99	216.47	0.98	30.25	21.86	10.86
12600	14.04	66.57	29.25	20.54	215.35	0.99	30.66	22.43	10.87
12800	14.04	65.49	27.17	23.81	190.88	1.00	31.00	22.95	10.90
13000	13.96	65.15	25.67	28.37	185.83	1.00	31.55	23.37	10.74
13200	13.80	64.73	24.62	33.48	180.18	1.00	31.96	23.78	10.63
13400	13.62	64.10	24.01	31.17	170.77	1.00	32.62	24.14	10.63
13600	13.44	63.89	23.91	26.94	169.85	1.00	33.38	24.34	10.57
13800	13.27	63.52	24.31	24.20	165.52	1.00	33.77	24.55	10.51
14000	13.14	63.17	25.16	22.33	161.27	1.00	34.35	24.68	10.40
14500	12.93	62.51	27.54	19.80	152.20	0.99	35.02	25.06	10.24
15000	12.91	61.14	23.50	18.73	129.63	0.99	35.32	25.44	10.07
15500	13.00	58.26	18.58	18.14	91.48	1.00	35.61	25.81	9.95
16000	13.16	61.23	15.91	16.72	123.93	1.00	36.13	26.09	9.72
16500	13.46	66.00	14.98	15.64	205.55	1.00	36.32	26.45	9.58
17000	13.79	69.47	14.71	14.42	292.06	1.00	35.80	26.72	9.54
17500	14.03	70.98	14.19	13.16	331.56	0.99	35.99	26.76	9.29
18000	14.19	70.79	13.38	12.21	311.65	0.98	35.45	26.40	9.34
18500	14.28	69.48	12.75	11.83	261.67	0.98	35.21	26.06	9.35
19000	14.33	67.21	12.52	12.26	200.17	0.99	34.65	26.22	9.38
19500	14.36	69.22	12.90	13.25	256.44	1.00	34.51	26.39	9.26
20000	14.33	76.36	14.45	14.89	609.47	1.00	33.79	26.67	9.32
20500	14.15	78.72	17.37	17.33	843.66	1.00	33.97	26.87	9.31
21000	13.82	75.16	21.96	19.49	589.28	1.00	33.20	27.02	9.36
21500	13.51	72.56	26.65	19.06	453.57	0.99	33.47	27.01	9.31
22000	13.19	70.84	27.51	17.12	383.52	0.98	33.44	26.87	9.39
22500	12.86	73.52	26.24	15.51	536.86	0.97	33.15	26.81	9.44
23000	12.56	83.24	27.08	14.49	1682.64	0.97	32.57	26.77	9.49
23500	12.39	73.38	32.46	14.09	548.88	0.96	32.10	26.71	9.15
24000	12.26	70.61	36.93	13.74	401.26	0.96	31.77	26.53	9.19
24500	12.26	70.64	26.77	13.33	398.44	0.96	32.55	26.39	8.82
25000	12.38	67.10	23.06	12.72	258.60	0.95	33.13	26.20	9.00
25500	12.59	63.65	22.32	12.22	169.30	0.95	32.09	25.96	8.68
26000	12.83	63.71	23.51	12.39	168.07	0.95	32.26	25.84	8.55
26500	13.20	66.02	25.16	12.95	215.07	0.95	32.12	25.56	8.29
27000	13.72	70.42	28.80	13.59	340.91	0.96	32.09	25.51	8.50
27500	14.29	70.75	31.59	14.67	333.84	0.97	32.90	25.43	8.38
28000	14.79	69.39	29.66	16.63	273.86	0.98	30.91	25.22	8.45

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 = 595mA @Temperature = +25°C

FREQUENCY	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)
12000	13.04	68.05	37.29	14.29	250.77	0.96	28.69	21.84	11.12
12200	13.56	67.00	34.38	15.92	273.36	0.97	29.17	22.22	11.03
12400	13.89	67.01	31.83	17.93	223.34	0.98	29.67	22.86	10.92
12600	14.05	66.88	29.27	20.50	211.10	0.99	30.02	23.49	10.92
12800	14.05	65.74	27.19	23.86	190.09	1.00	30.33	24.01	10.93
13000	13.97	65.37	25.67	28.74	182.39	1.00	30.80	24.42	10.78
13200	13.80	64.92	24.61	35.15	180.27	1.00	31.19	24.84	10.68
13400	13.62	64.32	23.99	31.98	176.44	1.01	31.75	25.17	10.68
13600	13.44	63.75	23.87	27.14	171.38	1.00	32.33	25.28	10.64
13800	13.28	63.38	24.27	24.25	164.95	1.00	32.64	25.47	10.58
14000	13.14	63.31	25.09	22.34	141.82	1.00	33.07	25.58	10.46
14500	12.95	62.34	27.46	19.78	132.62	0.99	33.66	25.89	10.30
15000	12.94	61.02	23.45	18.72	125.15	0.99	33.81	26.27	10.13
15500	13.05	58.12	18.56	18.14	133.94	1.00	34.57	26.68	9.99
16000	13.23	61.26	15.91	16.72	182.20	1.01	34.92	27.00	9.75
16500	13.55	65.48	14.98	15.62	356.02	1.01	35.04	27.38	9.60
17000	13.90	68.91	14.73	14.39	451.04	1.00	34.51	27.73	9.54
17500	14.17	70.44	14.21	13.09	525.83	1.00	34.76	27.81	9.30
18000	14.35	70.17	13.40	12.13	1576.18	0.99	34.71	27.44	9.33
18500	14.46	69.15	12.78	11.72	341.17	0.99	34.49	27.07	9.35
19000	14.53	67.09	12.55	12.16	340.65	0.99	34.13	27.24	9.36
19500	14.55	69.17	12.92	13.17	948.36	0.99	33.86	27.35	9.21
20000	14.64	77.39	14.48	14.83	532.70	0.99	33.21	27.68	9.26
20500	14.49	78.81	17.40	17.32	311.43	0.98	33.28	28.01	9.24
21000	14.19	74.36	21.98	19.50	219.10	0.98	32.81	28.14	9.32
21500	13.89	71.71	26.64	19.10	192.65	0.98	32.92	28.13	9.34
22000	13.57	69.76	27.43	17.16	204.20	0.98	33.24	28.01	9.47
22500	13.23	72.29	26.22	15.51	283.58	0.98	32.85	28.03	9.57
23000	12.91	83.46	27.19	14.44	544.22	0.97	32.06	27.93	9.68
23500	12.72	73.85	32.76	14.01	444.61	0.96	31.67	27.88	9.24
24000	12.56	70.62	36.73	13.64	285.50	0.95	31.45	27.76	9.34
24500	12.53	69.77	26.74	13.23	620.28	0.94	31.87	27.56	8.98
25000	12.63	67.56	23.08	12.62	283.84	0.93	32.40	27.29	9.25
25500	12.84	63.83	22.38	12.16	191.85	0.92	31.24	26.95	8.91
26000	13.06	63.96	23.55	12.37	193.91	0.93	31.63	26.86	8.77
26500	13.43	66.31	25.19	12.98	192.82	0.94	32.08	27.16	8.40
27000	13.94	70.92	28.87	13.65	155.01	0.97	31.14	27.08	8.64
27500	14.50	70.10	31.73	14.80	125.04	0.99	31.76	26.74	8.49
28000	14.99	68.54	29.66	16.84	137.24	1.00	29.72	26.68	8.51