

Typical Performance Data

V CONTROL (V)	ATTENUATION @ 4000 MHz (dB)
0.0	35.86
1.0	35.88
1.3	33.54
1.4	28.95
1.5	25.04
1.6	22.41
1.7	20.60
1.8	19.26
1.9	18.23
2.0	17.40
2.5	14.82
3.0	13.40
3.5	12.44
4.0	11.72
5.0	10.64
6.0	9.78
7.0	9.00
8.0	8.21
9.0	7.33
10.0	6.23
10.5	5.54
11.0	4.67
11.5	3.71
12.0	3.48

Typical Performance Data

FREQ. (MHz)	ATTENUATION Vs. V CONTROL @ V+=5V						
	@V Control=0V	@V Control=1.4V	@V Control=1.9V	@V Control=3V	@V Control=6V	@V Control=10V	@V Control=12V
1000	47.76	31.25	20.60	15.34	10.44	5.89	3.14
1200	46.44	31.24	20.52	15.28	10.44	5.91	3.17
1400	45.33	31.20	20.42	15.21	10.42	5.93	3.19
1600	44.31	31.13	20.29	15.11	10.39	5.95	3.21
1800	43.37	31.07	20.16	15.01	10.37	5.98	3.25
2000	42.44	30.95	20.00	14.88	10.34	6.00	3.27
2200	41.54	30.76	19.82	14.74	10.30	6.03	3.30
2400	40.88	30.62	19.63	14.59	10.25	6.06	3.33
2600	39.96	30.33	19.38	14.39	10.17	6.08	3.34
2800	39.33	30.12	19.16	14.20	10.10	6.10	3.38
3000	38.60	29.88	18.91	13.99	10.01	6.13	3.40
3200	37.92	29.56	18.66	13.78	9.91	6.14	3.42
3400	37.17	29.36	18.50	13.62	9.84	6.16	3.45
3600	36.80	29.24	18.40	13.54	9.80	6.18	3.46
3800	36.29	28.99	18.27	13.44	9.77	6.19	3.46
4000	35.86	28.95	18.23	13.40	9.78	6.23	3.48
4100	35.73	28.79	18.17	13.36	9.78	6.25	3.48
4200	35.31	28.68	18.09	13.30	9.76	6.25	3.47
4300	35.14	28.53	18.01	13.24	9.74	6.26	3.47
4400	34.77	28.35	17.92	13.16	9.71	6.27	3.47
4500	34.95	28.23	17.86	13.12	9.70	6.29	3.48
4600	34.74	28.10	17.80	13.07	9.69	6.31	3.48
4700	34.53	28.08	17.73	13.00	9.67	6.33	3.48
4800	34.56	28.01	17.63	12.92	9.63	6.34	3.49
4900	33.99	27.87	17.56	12.85	9.61	6.37	3.50
5000	34.01	27.42	17.37	12.73	9.56	6.39	3.50
5100	33.74	27.41	17.30	12.65	9.52	6.41	3.51
5200	33.62	27.27	17.20	12.57	9.49	6.45	3.54
5300	33.08	27.30	17.15	12.51	9.47	6.48	3.56
5400	33.17	27.07	17.02	12.40	9.41	6.50	3.58
5500	32.51	26.90	16.93	12.34	9.39	6.56	3.63
5600	31.88	26.18	16.66	12.17	9.29	6.52	3.58
5700	32.28	26.19	16.53	12.03	9.21	6.52	3.59
5800	32.20	26.10	16.39	11.89	9.12	6.53	3.60
5900	31.90	25.84	16.24	11.77	9.03	6.55	3.63
6000	32.11	25.95	16.15	11.65	8.96	6.56	3.65
6200	31.56	25.36	15.83	11.39	8.78	6.59	3.71
6400	30.42	24.89	15.60	11.18	8.63	6.63	3.78
6600	30.21	24.59	15.34	10.94	8.44	6.64	3.85
6800	29.13	24.37	15.30	10.88	8.37	6.70	3.97
7000	28.61	23.69	15.04	10.76	8.33	6.86	4.16

Typical Performance Data

FREQ. (MHz)	INPUT RETURN LOSS Vs. V CONTROL @ V+=5V						
	@V Control=0V	@V Control=1.4V	@V Control=1.9V	@V Control=3V	@V Control=6V	@V Control=10V	@V Control=12V
1000	31.51	33.43	23.43	19.25	19.37	26.87	13.19
1200	28.34	30.94	23.50	19.33	19.45	27.08	13.27
1400	26.00	28.88	23.61	19.46	19.57	27.15	13.34
1600	24.04	26.92	23.66	19.60	19.69	27.30	13.46
1800	22.35	25.20	23.63	19.74	19.85	27.28	13.53
2000	20.86	23.62	23.51	19.91	20.00	27.23	13.60
2200	19.56	22.24	23.26	20.04	20.15	27.05	13.65
2400	18.34	20.94	22.93	20.20	20.31	26.73	13.67
2600	17.23	19.77	22.52	20.38	20.48	26.16	13.64
2800	16.28	18.78	22.16	20.60	20.67	25.56	13.60
3000	15.47	17.96	21.85	20.90	20.92	24.87	13.53
3200	14.89	17.41	21.81	21.40	21.34	24.10	13.39
3400	14.57	17.15	22.02	22.01	21.84	23.47	13.24
3600	14.39	17.04	22.29	22.52	22.28	22.89	13.07
3800	14.36	17.08	22.61	22.83	22.58	22.40	12.87
4000	14.31	17.11	22.84	22.93	22.79	22.21	12.77
4100	14.23	17.03	22.78	22.90	22.84	22.09	12.70
4200	14.14	16.97	22.70	22.77	22.85	22.00	12.64
4300	14.09	16.95	22.75	22.79	22.98	21.92	12.58
4400	13.94	16.81	22.69	22.89	23.15	21.87	12.55
4500	13.79	16.67	22.50	22.75	23.13	22.00	12.59
4600	13.66	16.55	22.46	22.79	23.27	21.97	12.58
4700	13.50	16.40	22.42	22.89	23.42	22.01	12.61
4800	13.26	16.16	22.19	22.90	23.56	22.01	12.64
4900	13.09	15.99	22.07	22.96	23.75	22.02	12.68
5000	12.96	15.89	22.05	23.12	23.99	22.04	12.71
5100	12.75	15.68	21.91	23.16	24.11	22.20	12.82
5200	12.66	15.63	22.12	23.64	24.64	22.21	12.92
5300	12.45	15.43	21.98	23.65	24.69	22.37	13.05
5400	12.21	15.18	21.76	23.73	24.81	22.45	13.13
5500	12.14	15.15	21.96	24.06	24.97	22.63	13.26
5600	11.94	14.93	21.67	24.05	25.12	22.35	13.06
5700	11.83	14.89	22.01	25.02	25.95	22.19	13.20
5800	11.62	14.70	21.86	25.03	25.87	22.33	13.30
5900	11.47	14.59	22.04	26.11	26.79	21.99	13.35
6000	11.35	14.52	22.27	26.50	26.47	22.28	13.63
6200	10.98	14.19	22.34	28.98	27.84	21.48	13.65
6400	10.68	13.97	22.57	31.45	27.36	20.95	13.78
6600	10.37	13.69	22.60	37.05	26.85	20.11	13.73
6800	10.18	13.61	23.03	38.91	24.78	19.21	13.77
7000	9.80	13.21	22.54	34.61	23.47	18.66	13.88

Typical Performance Data

FREQ. (MHz)	OUTPUT RETURN LOSS Vs. V CONTROL @ V+=5V						
	@V Control=0V	@V Control=1.4V	@V Control=1.9V	@V Control=3V	@V Control=6V	@V Control=10V	@V Control=12V
1000	35.57	34.43	22.96	18.92	19.00	26.75	13.23
1200	32.47	34.83	23.25	19.04	19.08	26.55	13.27
1400	29.52	34.56	23.76	19.31	19.29	26.28	13.28
1600	27.34	33.72	24.48	19.67	19.58	25.75	13.23
1800	25.16	31.60	25.55	20.21	20.05	25.16	13.12
2000	23.21	28.98	26.88	20.88	20.60	24.54	13.00
2200	21.47	26.61	28.70	21.79	21.36	23.88	12.84
2400	19.67	23.98	30.04	22.90	22.32	23.18	12.65
2600	18.05	21.77	29.78	24.21	23.49	22.46	12.41
2800	16.67	20.00	28.09	25.43	24.55	21.98	12.30
3000	15.45	18.48	25.90	26.46	25.58	21.50	12.19
3200	14.56	17.40	24.30	26.84	26.10	21.17	12.14
3400	13.97	16.74	23.50	27.29	26.48	20.87	12.12
3600	13.70	16.47	23.16	26.98	26.12	20.75	12.17
3800	13.61	16.45	23.30	26.54	25.52	20.92	12.29
4000	13.55	16.47	23.55	25.91	24.80	21.27	12.47
4100	13.54	16.50	23.66	25.43	24.34	21.51	12.56
4200	13.48	16.49	23.77	25.22	24.14	21.70	12.61
4300	13.45	16.53	24.06	25.08	23.88	22.19	12.80
4400	13.41	16.57	24.39	24.96	23.66	22.64	12.96
4500	13.55	16.80	25.04	24.87	23.50	23.11	13.13
4600	13.56	16.89	25.31	24.46	23.14	23.81	13.39
4700	13.40	16.78	25.46	24.47	23.09	24.14	13.50
4800	13.25	16.69	25.68	24.48	22.96	24.67	13.69
4900	13.13	16.65	26.11	24.64	22.95	25.01	13.81
5000	13.08	16.67	26.61	24.65	22.84	25.51	14.04
5100	12.91	16.57	27.23	24.99	22.88	25.62	14.16
5200	12.74	16.46	27.83	25.47	23.01	25.55	14.26
5300	12.50	16.24	28.19	26.05	23.15	25.30	14.33
5400	12.28	16.06	28.49	26.62	23.26	24.99	14.42
5500	11.99	15.74	28.00	27.78	23.77	24.35	14.21
5600	12.22	16.04	28.93	28.49	24.20	23.25	14.09
5700	11.77	15.53	27.60	29.72	24.54	22.35	14.08
5800	11.36	15.07	26.43	30.88	24.80	21.86	14.10
5900	10.98	14.61	25.07	31.76	25.04	21.29	14.08
6000	10.63	14.18	23.86	31.20	24.98	20.65	14.10
6200	9.78	13.15	21.42	29.25	25.25	19.66	13.94
6400	9.01	12.22	19.49	26.14	24.82	18.83	13.83
6600	8.27	11.36	17.98	23.69	24.02	18.41	13.83
6800	7.87	10.88	16.99	21.86	22.85	17.91	13.80
7000	7.27	10.23	16.16	20.88	22.20	17.84	13.98

Typical Performance Data

FREQ. (MHz)	OIP3 Vs. V CONTROL @ V+=5V						
	@V Control=0V	@V Control=1.4V	@V Control=1.9V	@V Control=3V	@V Control=6V	@V Control=10V	@V Control=12V
1000	33.29	30.56	32.06	33.85	33.76	31.03	39.26
1200	35.00	32.14	33.56	35.33	35.22	32.49	41.16
1400	36.70	33.61	35.07	36.89	36.70	33.83	42.40
1500	37.74	34.43	36.27	38.78	38.46	34.30	41.55
1700	38.85	35.58	37.43	40.11	39.66	35.24	42.26
1800	39.54	35.54	36.98	38.73	38.69	35.85	43.77
2000	40.92	36.31	37.81	39.61	39.62	36.97	44.06
2200	41.60	37.19	38.78	40.57	40.50	37.86	44.30
2400	41.79	37.79	39.46	41.28	41.11	38.45	44.54
2600	42.46	38.25	39.92	42.02	41.99	39.12	44.86
2800	44.84	39.35	41.01	43.40	43.61	40.38	47.16
3000	46.52	39.34	41.24	43.11	42.79	40.95	43.24
3200	48.72	40.43	42.56	46.56	46.80	41.48	50.10
3300	48.65	40.61	42.92	47.30	47.67	41.57	48.94
3400	50.62	40.85	43.05	47.41	47.97	41.71	49.83
3500	49.12	40.82	43.02	47.42	47.94	42.04	50.17
3700	51.17	41.02	43.43	48.83	49.48	42.37	50.07
3800	50.43	41.17	43.53	48.59	49.74	42.81	53.39
4000	50.40	41.36	43.78	49.31	50.46	43.04	51.60
4200	53.78	41.31	43.96	50.44	50.86	43.33	52.46
4400	53.18	41.42	44.17	50.99	52.98	43.80	51.37
4600	51.02	41.41	44.01	52.78	52.26	44.47	49.34
4800	51.04	41.27	43.97	52.77	52.69	45.32	50.45
5000	56.48	41.46	44.19	52.76	52.83	45.81	51.06
5100	51.97	41.45	44.04	51.28	59.61	45.84	54.36
5200	55.23	41.36	44.18	55.03	52.88	45.96	50.85
5300	54.17	41.29	43.77	51.19	54.74	46.52	55.86
5400	52.96	41.41	44.04	51.65	54.72	46.44	52.24
5500	53.25	41.16	43.83	52.05	53.06	47.24	52.81
5600	53.22	41.26	43.71	50.38	54.45	47.01	51.94
5700	52.33	40.91	43.95	53.70	51.97	47.88	52.77
5800	57.29	41.34	43.85	50.17	54.62	47.34	52.23
5900	52.12	40.79	43.66	51.75	51.85	48.38	51.95
6000	53.86	40.83	43.61	50.55	54.39	47.66	52.55
6100	54.47	40.54	43.35	50.86	51.95	48.61	52.67
6200	53.16	40.35	43.20	50.86	53.10	48.38	54.85
6300	53.10	40.38	43.27	50.92	52.95	48.73	52.43
6400	55.38	40.36	43.27	51.03	53.19	49.92	55.10
6500	51.85	40.19	43.26	50.82	53.77	48.64	52.52
6600	56.30	40.11	43.22	49.94	51.92	50.86	53.49
6700	52.13	40.12	43.25	51.05	54.47	49.10	52.39
6800	52.42	39.98	43.14	50.21	51.81	51.35	54.78
6900	53.13	40.33	43.25	50.66	55.21	49.69	52.15
7000	52.37	40.12	43.17	49.77	51.62	51.95	53.58

Typical Performance Data

FREQ. (MHz)	PHASE SHIFT Vs. V CONTROL @ V+=5V						
	@V Control=0V	@V Control=1.4V	@V Control=1.9V	@V Control=3V	@V Control=6V	@V Control=10V	@V Control=12V
1000	74.17	-8.66	-14.07	-17.58	-22.60	-26.71	-27.66
1200	70.69	-10.28	-16.84	-20.85	-26.75	-31.73	-32.92
1400	68.28	-12.01	-19.74	-24.30	-31.05	-36.88	-38.32
1600	65.57	-13.57	-22.73	-27.79	-35.35	-42.03	-43.69
1800	63.67	-14.91	-25.65	-31.29	-39.62	-47.17	-49.06
2000	61.82	-16.37	-28.69	-34.80	-43.89	-52.28	-54.35
2200	58.52	-17.92	-31.94	-38.47	-48.22	-57.41	-59.70
2400	57.07	-19.43	-35.14	-42.16	-52.53	-62.50	-65.03
2600	54.47	-21.09	-38.49	-45.95	-56.84	-67.58	-70.26
2800	51.95	-23.50	-42.46	-50.19	-61.41	-72.75	-75.67
3000	49.73	-25.76	-46.58	-54.61	-66.04	-77.88	-81.01
3200	45.11	-28.99	-51.18	-59.40	-70.91	-83.02	-86.39
3400	41.98	-31.91	-55.99	-64.46	-75.97	-88.25	-91.79
3600	38.67	-35.15	-60.73	-69.45	-81.04	-93.48	-97.13
3800	33.49	-38.44	-65.36	-74.35	-86.07	-98.78	-102.53
4000	31.87	-40.99	-69.69	-79.03	-91.02	-104.15	-108.04
4100	29.31	-42.50	-71.74	-81.29	-93.38	-106.78	-110.74
4200	28.23	-43.52	-73.75	-83.47	-95.71	-109.43	-113.53
4300	25.66	-45.27	-75.94	-85.74	-98.09	-112.12	-116.32
4400	23.42	-46.44	-78.13	-88.11	-100.51	-114.83	-119.22
4500	19.64	-49.41	-80.65	-90.59	-103.01	-117.52	-122.03
4600	18.14	-50.80	-82.62	-92.80	-105.34	-120.29	-124.98
4700	18.83	-51.90	-84.75	-95.05	-107.71	-122.98	-127.91
4800	18.15	-54.03	-87.10	-97.42	-110.09	-125.73	-130.82
4900	17.25	-54.74	-89.20	-99.75	-112.48	-128.47	-133.84
5000	9.85	-57.83	-91.42	-101.99	-114.75	-131.07	-136.70
5100	11.06	-59.05	-93.81	-104.51	-117.21	-133.84	-139.75
5200	9.29	-61.17	-96.30	-107.04	-119.71	-136.65	-142.83
5300	11.67	-61.73	-98.60	-109.50	-122.15	-139.37	-145.80
5400	8.70	-64.46	-101.13	-112.11	-124.64	-142.08	-148.79
5500	8.74	-65.25	-103.22	-114.44	-126.97	-144.64	-151.61
5600	-0.90	-67.94	-105.32	-116.60	-129.12	-146.97	-154.25
5700	-2.27	-71.70	-108.57	-119.62	-131.94	-150.11	-157.73
5800	-2.21	-74.10	-111.31	-122.32	-134.47	-152.78	-160.73
5900	-5.60	-76.68	-114.17	-125.18	-137.16	-155.63	-164.02
6000	-4.01	-79.94	-117.45	-128.26	-139.83	-158.35	-167.09
6200	-11.88	-85.76	-123.43	-134.28	-145.46	-164.05	-173.58
6400	-16.78	-89.49	-129.01	-140.10	-150.84	-169.41	-179.83
6600	-21.62	-96.66	-135.89	-146.83	-156.92	-175.05	-186.29
6800	-26.87	-100.86	-142.32	-153.57	-163.26	-180.86	-192.66
7000	-34.34	-106.07	-146.96	-158.55	-168.05	-185.51	-198.43