

Typical Performance Data

FREQ.	INSERTION LOSS with current (PIN= 0dBm)						ISOLATION with current (PIN= 0dBm)					
	(dB)						(dB)					
	0mA	20mA	50mA	100mA	150mA	200mA	0mA	20mA	50mA	100mA	150mA	200mA
10	0.10	0.11	0.12	0.14	0.16	0.19	34.97	34.77	34.41	33.69	32.86	32.08
20	0.13	0.14	0.15	0.17	0.19	0.21	34.55	34.41	34.16	33.68	33.07	32.43
30	0.16	0.16	0.17	0.18	0.19	0.21	34.33	34.21	34.03	33.62	33.16	32.69
40	0.18	0.19	0.19	0.20	0.21	0.22	34.23	34.14	33.95	33.60	33.18	32.78
50	0.21	0.21	0.22	0.22	0.23	0.23	34.15	34.09	33.90	33.55	33.15	32.79
60	0.24	0.24	0.24	0.25	0.25	0.25	34.11	34.07	33.90	33.51	33.11	32.76
70	0.27	0.27	0.28	0.28	0.28	0.28	34.12	34.07	33.89	33.53	33.09	32.72
80	0.31	0.31	0.31	0.32	0.32	0.32	34.17	34.13	33.95	33.56	33.10	32.71
90	0.34	0.34	0.35	0.35	0.36	0.36	34.25	34.22	34.03	33.63	33.16	32.75
100	0.37	0.37	0.38	0.39	0.40	0.40	34.40	34.34	34.16	33.76	33.25	32.80
150	0.47	0.48	0.49	0.51	0.54	0.56	35.40	35.26	35.10	34.73	34.28	33.89
200	0.47	0.48	0.49	0.51	0.54	0.56	36.47	36.22	36.12	35.89	35.62	35.42
250	0.42	0.43	0.43	0.45	0.47	0.48	36.82	36.51	36.40	36.20	35.98	35.84
300	0.36	0.36	0.37	0.38	0.39	0.40	45.84	45.56	45.32	44.88	44.42	44.13
350	0.31	0.31	0.32	0.32	0.33	0.34	57.58	57.19	57.10	57.20	57.20	57.21
400	0.29	0.29	0.29	0.30	0.30	0.31	56.32	55.87	55.49	54.75	54.17	53.71
450	0.29	0.29	0.29	0.30	0.31	0.31	47.12	47.06	46.90	46.71	46.44	46.21
500	0.32	0.32	0.32	0.33	0.33	0.34	43.85	43.84	43.80	43.70	43.57	43.48
550	0.36	0.36	0.36	0.37	0.38	0.38	44.58	44.59	44.55	44.48	44.43	44.33
600	0.41	0.41	0.41	0.42	0.43	0.44	49.27	49.26	49.22	49.31	49.32	49.31
650	0.46	0.46	0.47	0.47	0.48	0.49	48.48	48.54	48.46	48.47	48.65	48.73
700	0.50	0.50	0.51	0.52	0.53	0.54	45.29	45.37	45.34	45.28	45.20	45.16
750	0.53	0.54	0.55	0.56	0.57	0.58	42.11	42.15	42.15	42.18	42.20	42.24
800	0.55	0.56	0.57	0.58	0.60	0.61	39.43	39.44	39.44	39.48	39.48	39.50
850	0.57	0.58	0.59	0.60	0.62	0.64	38.28	38.29	38.30	38.31	38.32	38.32
900	0.57	0.59	0.60	0.61	0.63	0.65	40.04	40.00	39.95	39.89	39.83	39.72
950	0.58	0.59	0.60	0.62	0.64	0.66	44.37	44.40	44.32	44.16	44.06	43.87
1000	0.58	0.60	0.61	0.63	0.65	0.67	46.71	46.89	46.80	46.70	46.56	46.53
1050	0.58	0.60	0.61	0.63	0.65	0.68	45.93	45.93	45.80	45.60	45.51	45.37
1100	0.58	0.60	0.61	0.63	0.66	0.68	43.47	43.33	43.08	42.73	42.44	42.19
1150	0.57	0.59	0.60	0.63	0.66	0.69	42.84	42.98	43.08	43.25	43.32	43.35
1200	0.57	0.59	0.60	0.63	0.66	0.69	43.80	44.07	44.25	44.59	44.86	45.15
1250	0.56	0.58	0.60	0.63	0.66	0.69	45.45	45.73	45.95	46.44	46.93	47.39
1300	0.56	0.58	0.59	0.62	0.65	0.69	47.69	48.02	48.12	48.19	48.30	48.36
1350	0.55	0.57	0.58	0.61	0.65	0.69	45.31	45.28	45.27	45.25	45.28	45.31
1400	0.55	0.56	0.58	0.61	0.64	0.68	41.81	41.85	41.85	41.88	41.87	41.90
1450	0.54	0.56	0.57	0.60	0.64	0.68	39.87	39.91	39.91	39.93	39.93	39.98
1500	0.54	0.55	0.57	0.60	0.64	0.68	39.69	39.74	39.73	39.80	39.87	39.96
1550	0.53	0.55	0.56	0.59	0.63	0.67	41.51	41.83	41.86	41.95	42.01	42.04
1600	0.53	0.54	0.55	0.59	0.62	0.66	42.54	42.94	42.96	42.93	42.92	42.94
1650	0.52	0.54	0.55	0.58	0.62	0.66	42.41	42.69	42.67	42.71	42.68	42.67
1700	0.52	0.53	0.55	0.58	0.61	0.65	41.97	42.18	42.20	42.22	42.23	42.29
1750	0.51	0.53	0.54	0.57	0.61	0.65	42.44	42.68	42.63	42.59	42.54	42.47
1800	0.51	0.53	0.54	0.57	0.60	0.64	48.65	49.09	49.05	49.12	49.33	49.30
2000	0.50	0.52	0.53	0.56	0.59	0.63	40.61	40.59	40.60	40.53	40.54	40.53
2100	0.51	0.52	0.53	0.56	0.59	0.63	39.63	39.70	39.75	39.87	39.93	39.98
2500	0.53	0.55	0.56	0.59	0.62	0.65	39.08	39.09	39.11	39.09	39.13	39.12
2600	0.54	0.56	0.57	0.60	0.63	0.66	38.14	38.11	38.14	38.18	38.16	38.17
2800	0.57	0.58	0.59	0.62	0.64	0.67	41.65	41.94	42.00	42.16	42.28	42.38
2900	0.58	0.59	0.61	0.63	0.66	0.68	37.23	37.50	37.57	37.69	37.83	37.91
3000	0.60	0.61	0.63	0.65	0.68	0.70	36.50	36.74	36.81	36.92	37.04	37.11
3100	0.62	0.63	0.65	0.67	0.70	0.72	36.95	37.17	37.23	37.34	37.38	37.41
3200	0.65	0.66	0.67	0.70	0.72	0.74	38.53	38.74	38.81	38.89	38.98	38.97
3300	0.68	0.69	0.70	0.73	0.75	0.77	40.52	40.91	40.97	41.04	41.09	41.09
3400	0.71	0.72	0.73	0.76	0.78	0.79	39.97	40.15	40.21	40.31	40.42	40.45
3500	0.74	0.75	0.76	0.79	0.81	0.82	43.11	42.55	42.61	42.71	42.81	42.84
3600	0.76	0.78	0.79	0.81	0.83	0.84	39.33	39.11	39.16	39.21	39.25	39.29
3800	0.80	0.82	0.83	0.85	0.87	0.88	38.41	38.61	38.61	38.60	38.59	38.61
4000	0.83	0.84	0.86	0.88	0.90	0.90	48.92	48.11	47.81	47.46	47.18	46.82
4200	0.86	0.87	0.89	0.91	0.92	0.92	43.07	42.22	42.25	42.18	42.20	42.16

Typical Performance Data

FREQ. (MHz)	RETURN LOSS (PIN= 0dBm)					
	(dB)					
	0mA	20mA	50mA	100mA	150mA	200mA
10	37.58	37.35	36.87	35.71	34.47	33.27
20	35.29	35.20	34.93	34.41	33.64	32.70
30	33.85	33.80	33.66	33.52	33.27	32.89
40	32.73	32.66	32.65	32.62	32.57	32.50
50	31.64	31.62	31.58	31.58	31.61	31.67
60	30.67	30.63	30.60	30.55	30.56	30.63
70	29.78	29.73	29.68	29.56	29.49	29.54
80	29.04	29.01	28.90	28.73	28.60	28.55
90	28.39	28.32	28.20	27.97	27.75	27.65
100	27.85	27.78	27.64	27.35	27.06	26.89
150	26.83	26.66	26.43	25.98	25.49	25.12
200	27.29	27.05	26.85	26.42	25.94	25.56
250	28.41	28.21	28.07	27.74	27.38	27.08
300	30.27	30.10	29.98	29.77	29.51	29.28
350	32.30	32.12	32.06	31.92	31.69	31.53
400	34.26	34.06	34.01	33.88	33.69	33.49
450	33.99	33.79	33.75	33.61	33.46	33.29
500	32.48	32.27	32.21	32.03	31.84	31.69
550	30.67	30.41	30.34	30.14	29.94	29.76
600	29.16	28.89	28.80	28.57	28.33	28.11
650	28.36	28.08	27.97	27.70	27.41	27.18
700	27.55	27.22	27.11	26.85	26.53	26.27
750	27.26	26.91	26.78	26.51	26.18	25.91
800	27.06	26.69	26.60	26.31	25.98	25.69
850	26.89	26.56	26.44	26.19	25.87	25.59
900	27.15	26.80	26.71	26.50	26.21	25.96
950	27.25	26.92	26.89	26.72	26.48	26.28
1000	27.67	27.34	27.34	27.23	27.07	26.94
1050	27.97	27.67	27.70	27.69	27.64	27.60
1100	28.22	27.94	27.99	28.08	28.10	28.19
1150	28.73	28.47	28.55	28.69	28.83	29.02
1200	28.99	28.71	28.81	28.97	29.14	29.43
1250	29.52	29.22	29.34	29.50	29.67	29.94
1300	29.93	29.60	29.68	29.76	29.87	30.04
1350	30.39	30.04	30.04	30.02	30.01	30.04
1400	30.98	30.53	30.48	30.31	30.11	29.93
1450	30.99	30.50	30.39	30.08	29.73	29.37
1500	31.79	31.24	30.99	30.52	29.97	29.44
1550	31.94	31.31	31.00	30.37	29.68	29.02
1600	32.44	31.77	31.37	30.60	29.79	29.01
1650	32.98	32.26	31.75	30.89	29.97	29.08
1700	32.89	32.14	31.68	30.75	29.81	28.88
1750	33.71	32.98	32.44	31.43	30.39	29.38
1800	33.77	33.08	32.58	31.59	30.60	29.61
2000	35.58	35.17	34.97	34.46	33.75	32.87
2100	36.21	36.08	36.20	36.31	36.20	35.63
2500	37.39	38.15	38.54	39.18	39.32	38.60
2600	38.14	38.84	38.82	38.59	37.85	36.82
2800	37.50	38.02	37.59	36.79	35.92	35.02
2900	36.72	37.19	36.91	36.44	35.93	35.40
3000	36.20	36.71	36.67	36.85	37.06	37.25
3100	36.08	36.58	36.98	37.97	39.42	41.48
3200	35.84	36.43	37.04	38.64	41.20	45.33
3300	35.05	35.48	36.19	37.86	39.97	42.08
3400	34.17	34.50	35.15	36.42	37.39	37.47
3500	32.78	32.90	33.27	33.72	33.62	32.96
3600	32.29	32.18	32.29	32.07	31.40	30.45
3800	31.63	31.18	30.83	29.94	28.95	27.99
4000	29.12	28.63	28.22	27.44	26.74	26.15
4200	27.28	26.83	26.54	26.07	25.72	25.51