

Typical Performance Data

FREQ. (MHz)	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
0.1	0.31	0.32	0.39	0.59	0.96	1.31	16.43	17.44	16.28	14.01	11.13	9.88
0.5	0.10	0.11	0.13	0.15	0.17	0.19	28.97	29.46	28.63	26.82	23.83	21.90
1.0	0.09	0.10	0.12	0.13	0.14	0.15	32.23	31.97	31.22	30.15	28.29	26.82
5.0	0.09	0.09	0.11	0.13	0.15	0.16	35.11	34.74	34.24	33.31	32.54	31.97
10.0	0.10	0.11	0.12	0.14	0.16	0.19	34.97	34.77	34.41	33.69	32.86	32.08
50.0	0.21	0.21	0.22	0.22	0.23	0.23	34.15	34.09	33.90	33.55	33.15	32.79
70.0	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	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	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	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	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	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	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	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	0.31	0.31	0.32	0.32	0.33	0.34	57.58	57.19	57.10	57.20	57.40	57.21
400.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.54	0.55	0.57	0.60	0.64	0.68	39.69	39.74	39.73	39.80	39.87	39.96
1600.0	0.53	0.54	0.55	0.59	0.62	0.66	42.54	42.94	42.96	42.93	42.92	42.94
1700.0	0.52	0.53	0.55	0.58	0.61	0.65	41.97	42.18	42.20	42.22	42.23	42.29
1800.0	0.51	0.53	0.54	0.57	0.60	0.64	48.65	49.09	49.05	49.12	49.33	49.30
1900.0	0.51	0.52	0.53	0.56	0.60	0.63	45.07	44.87	44.84	44.73	44.68	44.65
2000.0	0.50	0.52	0.53	0.56	0.59	0.63	40.61	40.59	40.60	40.53	40.54	40.53
2500.0	0.53	0.55	0.56	0.59	0.62	0.65	39.08	39.09	39.11	39.09	39.13	39.12
2700.0	0.55	0.57	0.58	0.61	0.63	0.66	40.15	40.27	40.27	40.37	40.44	40.47
3000.0	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	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	0.65	0.66	0.67	0.70	0.72	0.74	38.53	38.74	38.81	38.89	38.98	38.97
3400.0	0.71	0.72	0.73	0.76	0.78	0.79	39.97	40.15	40.21	40.31	40.42	40.45
3800.0	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	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	0.86	0.87	0.89	0.91	0.92	0.92	43.07	42.22	42.25	42.18	42.20	42.16
4400.0	0.90	0.91	0.92	0.94	0.95	0.95	43.07	42.61	42.53	42.49	42.38	42.27
4500.0	0.92	0.93	0.95	0.96	0.97	0.97	40.82	40.08	40.03	39.93	39.80	39.71
4600.0	0.95	0.96	0.97	0.99	0.99	0.99	42.22	40.87	40.74	40.55	40.34	40.22
4800.0	1.00	1.00	1.01	1.01	1.01	0.99	39.40	38.69	38.62	38.54	38.40	38.29
5000.0	1.05	1.05	1.05	1.05	1.03	1.01	42.27	41.38	41.28	41.10	40.99	40.83
5200.0	1.12	1.11	1.11	1.10	1.08	1.06	36.94	36.46	36.48	36.47	36.51	36.47
5500.0	1.22	1.21	1.20	1.19	1.16	1.14	38.85	37.93	37.96	38.01	38.07	38.11
6000.0	1.47	1.44	1.42	1.37	1.32	1.27	59.15	63.58	63.02	62.28	61.89	62.03



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Typical Performance Data

FREQ. (MHz)	RETURN LOSS (PIN= 0dBm)					
	(dB)					
	0mA	20mA	50mA	100mA	150mA	200mA
0.1	16.02	16.61	17.28	17.46	15.30	13.39
0.5	29.94	30.39	31.45	33.58	32.80	29.64
1.0	34.96	35.10	35.26	35.89	35.59	33.92
5.0	38.80	38.67	37.95	36.75	35.76	35.06
10.0	37.58	37.35	36.87	35.71	34.47	33.27
50.0	31.64	31.62	31.58	31.58	31.61	31.67
70.0	29.78	29.73	29.68	29.56	29.49	29.54
80.0	29.04	29.01	28.90	28.73	28.60	28.55
90.0	28.39	28.32	28.20	27.97	27.75	27.65
100.0	27.85	27.78	27.64	27.35	27.06	26.89
150.0	26.83	26.66	26.43	25.98	25.49	25.12
200.0	27.29	27.05	26.85	26.42	25.94	25.56
250.0	28.41	28.21	28.07	27.74	27.38	27.08
300.0	30.27	30.10	29.98	29.77	29.51	29.28
350.0	32.30	32.12	32.06	31.92	31.69	31.53
400.0	34.26	34.06	34.01	33.88	33.69	33.49
450.0	33.99	33.79	33.75	33.61	33.46	33.29
500.0	32.48	32.27	32.21	32.03	31.84	31.69
550.0	30.67	30.41	30.34	30.14	29.94	29.76
600.0	29.16	28.89	28.80	28.57	28.33	28.11
650.0	28.36	28.08	27.97	27.70	27.41	27.18
700.0	27.55	27.22	27.11	26.85	26.53	26.27
750.0	27.26	26.91	26.78	26.51	26.18	25.91
800.0	27.06	26.69	26.60	26.31	25.98	25.69
850.0	26.89	26.56	26.44	26.19	25.87	25.59
900.0	27.15	26.80	26.71	26.50	26.21	25.96
950.0	27.25	26.92	26.89	26.72	26.48	26.28
1000.0	27.67	27.34	27.34	27.23	27.07	26.94
1050.0	27.97	27.67	27.70	27.69	27.64	27.60
1100.0	28.22	27.94	27.99	28.08	28.10	28.19
1150.0	28.73	28.47	28.55	28.69	28.83	29.02
1200.0	28.99	28.71	28.81	28.97	29.14	29.43
1250.0	29.52	29.22	29.34	29.50	29.67	29.94
1300.0	29.93	29.60	29.68	29.76	29.87	30.04
1350.0	30.39	30.04	30.04	30.02	30.01	30.04
1400.0	30.98	30.53	30.48	30.31	30.11	29.93
1450.0	30.99	30.50	30.39	30.08	29.73	29.37
1500.0	31.79	31.24	30.99	30.52	29.97	29.44
1600.0	32.44	31.77	31.37	30.60	29.79	29.01
1700.0	32.89	32.14	31.68	30.75	29.81	28.88
1800.0	33.77	33.08	32.58	31.59	30.60	29.61
1900.0	34.64	33.99	33.64	32.78	31.86	30.89
2000.0	35.58	35.17	34.97	34.46	33.75	32.87
2500.0	37.39	38.15	38.54	39.18	39.32	38.60
2700.0	38.44	39.05	38.69	37.89	36.97	35.81
3000.0	36.20	36.71	36.67	36.85	37.06	37.25
3100.0	36.08	36.58	36.98	37.97	39.42	41.48
3200.0	35.84	36.43	37.04	38.64	41.20	45.33
3400.0	34.17	34.50	35.15	36.42	37.39	37.47
3800.0	31.63	31.18	30.83	29.94	28.95	27.99
4000.0	29.12	28.63	28.22	27.44	26.74	26.15
4200.0	27.28	26.83	26.54	26.07	25.72	25.51
4400.0	26.50	26.26	26.20	26.13	26.17	26.31
4500.0	25.92	25.74	25.80	25.91	26.06	26.25
4600.0	25.27	25.18	25.30	25.49	25.64	25.76
4800.0	24.30	24.29	24.41	24.48	24.34	24.13
5000.0	23.55	23.46	23.33	22.92	22.39	21.90
5200.0	22.41	22.19	21.82	21.13	20.51	20.05
5500.0	20.95	20.85	20.60	20.22	19.97	19.84
6000.0	17.97	18.22	18.36	18.58	18.74	18.85

