NOTE: Use PDF Bookmarks to view DATA at required conditions

Definitions:
Input Return Loss = -S11 (dB)
Gain(Power Gain) = S21 (dB)
Reverse Isolation = -S12 (dB)
Output Return Loss = -S22 (dB)

TEST CONDITIONS: P_{IN} = -10 dBm @ Temperature = +25°C

FREQ	Total Loss[1]		Amp. Unbal.	Phase Unbal.	Isolation	Return Loss		
	S-1	S-2			1-2	S	1	2
(MHz)	(dB)	(dB)	(dB)	(Deg.)	(dB)	(dB)	(dB)	(dB)
2700	3.85	3.85	0.02	0.74	25.3	25.7	35.3	35.1
2800	3.81	3.81	0.02	0.69	25.9	24.0	32.0	31.2
2900	3.78	3.78	0.01	0.66	25.1	22.5	31.0	29.9
3000	3.75	3.76	0.01	0.64	24.2	21.7	31.3	29.7
3100	3.73	3.74	0.01	0.63	23.5	21.6	32.4	30.4
3200	3.71	3.72	0.01	0.60	23.1	22.0	34.1	31.8
3300	3.70	3.71	0.01	0.59	22.9	22.7	35.1	32.9
3400	3.68	3.69	0.01	0.57	22.9	23.5	35.9	33.5
3500	3.67	3.68	0.01	0.58	23.2	24.4	39.3	37.4
3600	3.66	3.68	0.02	0.59	23.5	24.8	32.6	34.5
3700	3.66	3.67	0.01	0.58	24.0	24.9	28.6	29.3
3800	3.65	3.67	0.02	0.59	24.6	24.7	26.0	26.1
3900	3.66	3.67	0.02	0.59	25.4	24.0	24.0	24.0
4000	3.66	3.68	0.01	0.58	26.2	22.9	22.6	22.6
4100	3.67	3.68	0.01	0.58	27.2	21.6	21.5	21.4
4200	3.68	3.70	0.02	0.58	28.3	20.5	20.6	20.5
4300	3.69	3.72	0.02	0.64	29.5	19.4	20.0	19.8
4400	3.70	3.72	0.02	0.70	30.8	18.6	19.5	19.3
4500	3.70	3.71	0.01	0.69	32.4	18.2	19.2	19.0
4600	3.70	3.71	0.01	0.68	34.2	18.0	19.1	18.9
4700	3.70	3.71	0.01	0.70	36.2	17.9	19.1	18.9
4800	3.70	3.71	0.01	0.72	38.2	17.9	19.2	19.1
4900	3.70	3.70	0.00	0.72	40.2	18.2	19.5	19.4
5000	3.70	3.70	0.00	0.74	41.9	18.6	19.9	20.0
5100	3.70	3.69	0.01	0.75	43.4	19.3	20.6	20.8
5200	3.69	3.68	0.01	0.75	44.8	20.1	21.5	21.9
5300	3.69	3.68	0.01	0.72	44.8	21.3	22.6	23.2
5400	3.68	3.67	0.01	0.72	43.3	22.9	24.2	25.0
5500	3.68	3.66	0.01	0.71	40.9	25.1	26.1	27.4
5600	3.67	3.66	0.01	0.71	38.7	28.3	28.9	29.4
5700	3.67	3.66	0.01	0.72	36.3	33.6	32.8	30.1
5800	3.67	3.66	0.01	0.74	34.1	44.9	34.6	29.9
5900	3.68	3.67	0.01	0.75	32.1	34.8	31.8	28.7
6000	3.70	3.68	0.01	0.77	30.3	28.8	28.6	26.1
6100	3.71	3.70	0.01	0.76	28.6	25.1	25.9	23.7
6200	3.74	3.72	0.01	0.75	27.2	22.7	23.8	22.0
6300	3.76	3.75	0.01	0.79	25.8	21.0	22.1	20.7
6400	3.79	3.78	0.01	0.80	24.5	19.5	20.7	19.4
6500	3.82	3.81	0.01	0.83	23.3	18.4	19.6	18.6
6600	3.86	3.85	0.01	0.84	22.2	17.5	18.7	17.8
6700	3.90	3.88	0.01	0.88	21.2	16.8	17.9	17.3
6800	3.93	3.92	0.01	0.88	20.3	16.2	17.3	16.9
6900	3.96	3.96	0.00	0.95	19.3	15.8	16.9	16.6
7000	3.99	3.98	0.01	1.04	18.4	15.6	16.5	16.2
7100	4.02	4.00	0.02	1.08	17.7	15.6	16.3	16.1
7200	4.05	4.03	0.02	1.08	17.0	15.6	16.2	16.0

1. Total Loss = Single Path (S-1 or S-2) Insertion Loss + 3 dB Splitter Loss

Typical Performance Data

Definitions:
Input Return Loss = -S11 (dB)
Gain(Power Gain) = S21 (dB)
Reverse Isolation = -S12 (dB)
Output Return Loss = -S22 (dB)

TEST CONDITIONS: P_{IN} = -10 dBm @ Temperature = -45°C

FREQ	Total Loss[1]		Amp. Unbal.	Phase Unbal.	Isolation	Return Loss		
	S-1	S-2			1-2	S	1	2
(MHz)	(dB)	(dB)	(dB)	(Deg.)	(dB)	(dB)	(dB)	(dB)
2700	3.77	3.77	0.03	1.39	25.3	26.4	38.0	39.7
2800	3.73	3.74	0.02	1.38	26.3	25.3	33.2	32.5
2900	3.70	3.71	0.02	1.36	25.6	23.6	32.0	30.8
3000	3.68	3.69	0.02	1.37	24.6	22.6	32.1	30.4
3100	3.65	3.67	0.02	1.38	23.9	22.3	33.1	30.9
3200	3.64	3.66	0.02	1.38	23.3	22.4	34.5	32.0
3300	3.62	3.65	0.02	1.39	23.1	23.0	35.2	32.9
3400	3.61	3.63	0.03	1.40	23.0	23.8	35.8	33.3
3500	3.60	3.63	0.03	1.45	23.1	24.8	38.9	36.6
3600	3.59	3.62	0.03	1.48	23.4	25.1	33.1	35.7
3700	3.59	3.61	0.03	1.50	23.9	25.2	28.9	29.9
3800	3.58	3.61	0.03	1.53	24.4	24.9	26.2	26.6
3900	3.58	3.61	0.03	1.55	25.2	24.3	24.2	24.4
4000	3.59	3.62	0.03	1.57	26.0	23.2	22.7	22.8
4100	3.60	3.62	0.03	1.59	27.0	22.0	21.6	21.6
4200	3.60	3.64	0.03	1.62	28.1	20.7	20.6	20.6
4300	3.62	3.65	0.04	1.70	29.3	19.6	19.9	19.8
4400	3.63	3.66	0.04	1.78	30.5	18.7	19.4	19.2
4500	3.63	3.65	0.03	1.80	32.1	18.3	19.1	18.9
4600	3.62	3.65	0.02	1.82	33.7	18.0	18.9	18.7
4700	3.62	3.65	0.02	1.87	35.6	17.9	18.8	18.7
4800	3.62	3.65	0.02	1.91	37.5	17.9	18.9	18.8
4900	3.62	3.64	0.02	1.94	39.3	18.1	19.1	19.1
5000	3.62	3.64	0.02	1.98	40.7	18.6	19.6	19.6
5100	3.62	3.63	0.01	2.02	41.9	19.3	20.2	20.3
5200	3.61	3.62	0.01	2.05	42.7	20.1	20.9	21.3
5300	3.61	3.62	0.01	2.04	42.5	21.2	22.0	22.4
5400	3.60	3.61	0.01	2.07	41.2	22.8	23.3	24.0
5500	3.60	3.60	0.01	2.09	39.4	24.8	24.9	26.1
5600	3.59	3.60	0.01	2.12	37.7	27.6	27.2	28.4
5700	3.59	3.60	0.01	2.15	35.6	32.1	30.1	30.0
5800	3.59	3.60	0.01	2.19	33.7	43.3	34.8	30.3
5900	3.59	3.60	0.01	2.22	31.9	37.4	34.0	29.7
6000	3.60	3.61	0.00	2.27	30.3	30.1	30.4	27.4
6100	3.62	3.63	0.00	2.28	28.7	25.8	27.2	24.8
6200	3.64	3.64	0.01	2.30	27.3	23.0	24.7	22.8
6300	3.66	3.67	0.01	2.36	25.9	21.1	22.7	21.2
6400	3.69	3.70	0.01	2.40	24.7	19.5	21.1	19.8
6500	3.72	3.73	0.01	2.45	23.4	18.2	19.7	18.8
6600	3.76	3.77	0.01	2.49	22.3	17.1	18.7	17.9
6700	3.79	3.80	0.01	2.56	21.2	16.3	17.7	17.2
6800	3.83	3.84	0.01	2.60	20.2	15.7	17.1	16.7
6900	3.87	3.88	0.02	2.68	19.2	15.2	16.7	16.5
7000	3.89	3.90	0.02	2.80	18.3	14.9	16.2	16.0
7100	3.92	3.92	0.02	2.86	17.5	14.9	16.0	15.8
7200	3.95	3.96	0.03	2.88	16.9	14.9	15.9	15.8

1. Total Loss = Single Path (S-1 or S-2) Insertion Loss + 3 dB Splitter Loss

Typical Performance Data

Definitions:
Input Return Loss = -S11 (dB)
Gain(Power Gain) = S21 (dB)
Reverse Isolation = -S12 (dB)
Output Return Loss = -S22 (dB)

TEST CONDITIONS: P_{IN} = -10 dBm @ Temperature = +105°C

FREQ	Total Loss[1]		Amp. Unbal.	Phase Unbal.	Isolation	Return Loss		
	S-1	S-2			1-2	S	1	2
(MHz)	(dB)	(dB)	(dB)	(Deg.)	(dB)	(dB)	(dB)	(dB)
2700	3.94	3.94	0.02	0.99	25.1	25.4	35.2	34.8
2800	3.90	3.90	0.02	0.95	25.5	23.8	32.3	31.5
2900	3.86	3.87	0.01	0.92	24.8	22.5	31.6	30.4
3000	3.84	3.84	0.01	0.92	24.0	21.8	32.1	30.5
3100	3.81	3.82	0.01	0.91	23.4	21.8	33.4	31.4
3200	3.79	3.80	0.01	0.90	23.1	22.2	34.8	32.7
3300	3.77	3.78	0.01	0.89	23.0	22.8	35.4	33.6
3400	3.76	3.77	0.01	0.88	23.0	23.5	37.3	34.8
3500	3.75	3.76	0.01	0.90	23.3	24.1	38.4	45.5
3600	3.74	3.75	0.01	0.92	23.7	24.3	31.6	32.6
3700	3.73	3.75	0.01	0.92	24.1	24.4	28.3	28.6
3800	3.73	3.74	0.01	0.94	24.7	24.3	26.0	26.0
3900	3.73	3.75	0.01	0.95	25.5	23.9	24.3	24.2
4000	3.74	3.75	0.01	0.95	26.3	23.1	23.1	22.9
4100	3.74	3.75	0.01	0.96	27.2	22.1	22.1	21.9
4200	3.75	3.76	0.01	0.96	28.2	21.2	21.4	21.2
4300	3.76	3.78	0.02	1.01	29.3	20.3	20.9	20.6
4400	3.78	3.79	0.02	1.10	30.4	19.5	20.5	20.2
4500	3.78	3.78	0.01	1.10	31.9	19.1	20.3	19.9
4600	3.78	3.78	0.01	1.10	33.4	18.8	20.1	19.8
4700	3.78	3.78	0.00	1.13	35.1	18.6	20.2	19.8
4800	3.79	3.79	0.00	1.16	36.8	18.5	20.2	20.0
4900	3.79	3.79	0.00	1.16	38.4	18.6	20.5	20.3
5000	3.79	3.78	0.01	1.18	39.9	18.8	20.9	20.9
5100	3.79	3.78	0.01	1.20	41.2	19.3	21.5	21.7
5200	3.79	3.77	0.02	1.21	42.9	19.9	22.3	22.8
5300	3.78	3.76	0.02	1.18	44.6	20.8	23.5	24.2
5400	3.77	3.75	0.02	1.20	45.3	22.1	25.1	26.3
5500	3.77	3.75	0.02	1.19	43.2	23.8	27.1	29.1
5600	3.76	3.74	0.02	1.20	40.7	26.3	30.3	31.1
5700	3.75	3.74	0.02	1.20	37.8	29.9	35.8	31.2
5800	3.76	3.74	0.02	1.23	35.2	36.0	36.9	31.0
5900	3.76	3.75	0.02	1.25	32.9	37.3	32.5	29.2
6000	3.78	3.76	0.02	1.29	30.9	30.7	28.8	26.1
6100	3.80	3.78	0.02	1.29	29.1	26.4	25.9	23.6
6200	3.83	3.81	0.02	1.30	27.6	23.8	23.7	21.9
6300	3.86	3.84	0.02	1.34	26.1	21.8	22.0	20.6
6400	3.89	3.88	0.02	1.36	24.8	20.2	20.6	19.4
6500	3.93	3.91	0.02	1.39	23.5	19.1	19.5	18.6
6600	3.97	3.95	0.01	1.42	22.5	18.1	18.6	17.8
6700	4.00	3.99	0.02	1.46	21.4	17.3	17.9	17.3
6800	4.04	4.03	0.01	1.49	20.5	16.8	17.4	16.9
6900	4.07	4.07	0.01	1.56	19.5	16.3	17.0	16.6
7000	4.10	4.09	0.02	1.66	18.6	16.1	16.6	16.2
7100	4.13	4.11	0.02	1.71	17.9	16.1	16.4	16.2
7200	4.16	4.14	0.02	1.73	17.2	16.1	16.2	16.1

1. Total Loss = Single Path (S-1 or S-2) Insertion Loss + 3 dB Splitter Loss