

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR		
	S-1	S-2					S	(:1) 1	2
1.0	6.01	6.00	0.01	6.00	0.04	1.0	1.01	1.01	1.01
500.0	6.09	6.11	0.03	6.06	0.38	500.0	1.00	1.01	1.01
1000.0	6.09	6.10	0.01	6.09	0.49	1000.0	1.01	1.01	1.01
1250.0	6.11	6.10	0.01	6.12	0.63	1250.0	1.01	1.01	1.01
1500.0	6.14	6.12	0.01	6.15	0.80	1500.0	1.02	1.01	1.00
1750.0	6.14	6.14	0.01	6.16	1.00	1750.0	1.03	1.01	1.01
2000.0	6.12	6.12	0.01	6.19	1.07	2000.0	1.05	1.01	1.01
2250.0	6.13	6.12	0.01	6.21	1.16	2250.0	1.06	1.02	1.02
2500.0	6.17	6.15	0.02	6.25	1.27	2500.0	1.07	1.02	1.02
2750.0	6.22	6.19	0.03	6.29	1.45	2750.0	1.07	1.03	1.03
3000.0	6.22	6.20	0.02	6.33	1.53	3000.0	1.09	1.03	1.04
3250.0	6.23	6.19	0.04	6.35	1.61	3250.0	1.09	1.03	1.04
3500.0	6.25	6.21	0.04	6.36	1.88	3500.0	1.10	1.03	1.03
3750.0	6.27	6.25	0.02	6.37	2.06	3750.0	1.09	1.03	1.03
4000.0	6.30	6.26	0.03	6.38	2.01	4000.0	1.09	1.03	1.02
4250.0	6.31	6.26	0.05	6.41	2.04	4250.0	1.09	1.02	1.02
4500.0	6.33	6.24	0.09	6.41	2.13	4500.0	1.09	1.03	1.02
4750.0	6.35	6.25	0.10	6.41	2.51	4750.0	1.09	1.03	1.02
5000.0	6.34	6.28	0.05	6.39	2.71	5000.0	1.08	1.04	1.03
5250.0	6.32	6.27	0.05	6.40	2.43	5250.0	1.08	1.05	1.04
5500.0	6.35	6.24	0.11	6.41	2.24	5500.0	1.08	1.05	1.05
5750.0	6.40	6.24	0.15	6.43	2.30	5750.0	1.08	1.06	1.06
6000.0	6.42	6.25	0.17	6.43	2.75	6000.0	1.07	1.07	1.07
6250.0	6.39	6.26	0.13	6.43	2.78	6250.0	1.08	1.07	1.08
6500.0	6.36	6.25	0.11	6.44	2.40	6500.0	1.08	1.08	1.07
6750.0	6.40	6.25	0.15	6.46	2.25	6750.0	1.09	1.08	1.08
7000.0	6.42	6.26	0.17	6.48	2.43	7000.0	1.10	1.08	1.08
7250.0	6.44	6.27	0.18	6.50	2.49	7250.0	1.11	1.08	1.08
7500.0	6.41	6.27	0.14	6.51	2.50	7500.0	1.13	1.08	1.08
7750.0	6.39	6.26	0.13	6.51	2.24	7750.0	1.14	1.09	1.08
8000.0	6.39	6.28	0.11	6.52	2.40	8000.0	1.15	1.08	1.08
8250.0	6.40	6.29	0.11	6.53	2.50	8250.0	1.16	1.08	1.07
8500.0	6.40	6.30	0.11	6.54	2.46	8500.0	1.17	1.07	1.08
8750.0	6.45	6.31	0.14	6.56	2.84	8750.0	1.18	1.07	1.07
9000.0	6.48	6.35	0.13	6.56	2.92	9000.0	1.18	1.07	1.07
9250.0	6.44	6.35	0.09	6.56	3.21	9250.0	1.18	1.06	1.06
9500.0	6.41	6.33	0.08	6.58	3.29	9500.0	1.20	1.06	1.06
9750.0	6.44	6.38	0.07	6.60	3.56	9750.0	1.20	1.05	1.06
10000.0	6.52	6.43	0.10	6.61	3.69	10000.0	1.20	1.05	1.06
10250.0	6.54	6.45	0.09	6.61	3.69	10250.0	1.19	1.04	1.04
10500.0	6.49	6.40	0.09	6.59	4.07	10500.0	1.19	1.04	1.04
10750.0	6.44	6.43	0.01	6.58	4.23	10750.0	1.20	1.03	1.03
11000.0	6.47	6.49	0.02	6.54	4.11	11000.0	1.20	1.03	1.02
11250.0	6.54	6.51	0.02	6.53	4.08	11250.0	1.18	1.05	1.02
11500.0	6.58	6.49	0.09	6.48	4.54	11500.0	1.17	1.06	1.02
11750.0	6.55	6.49	0.05	6.42	4.95	11750.0	1.17	1.09	1.03
12000.0	6.56	6.60	0.04	6.38	4.56	12000.0	1.17	1.10	1.05
12250.0	6.59	6.66	0.06	6.32	3.90	12250.0	1.16	1.13	1.08
12500.0	6.67	6.68	0.01	6.33	4.17	12500.0	1.14	1.17	1.11
12750.0	6.74	6.71	0.03	6.34	5.08	12750.0	1.13	1.20	1.12
13000.0	6.80	6.84	0.04	6.36	5.36	13000.0	1.13	1.23	1.13
13250.0	6.90	6.97	0.07	6.38	5.16	13250.0	1.13	1.23	1.13
13500.0	6.94	7.01	0.07	6.42	4.63	13500.0	1.12	1.26	1.14
13750.0	6.97	7.03	0.05	6.48	4.98	13750.0	1.10	1.26	1.15
14000.0	7.03	7.14	0.11	6.61	5.57	14000.0	1.09	1.27	1.13
14250.0	7.13	7.23	0.11	6.76	6.05	14250.0	1.07	1.27	1.13
14500.0	7.18	7.25	0.07	6.88	5.96	14500.0	1.08	1.24	1.12
14750.0	7.12	7.23	0.12	6.97	6.47	14750.0	1.09	1.26	1.15
15000.0	7.09	7.22	0.13	7.09	6.03	15000.0	1.11	1.26	1.18
15250.0	7.20	7.27	0.07	7.20	5.90	15250.0	1.14	1.28	1.21
15500.0	7.28	7.31	0.04	7.28	6.30	15500.0	1.18	1.31	1.25
15750.0	7.27	7.24	0.03	7.28	7.04	15750.0	1.22	1.31	1.29
16000.0	7.14	7.19	0.06	7.24	7.47	16000.0	1.26	1.34	1.32
16250.0	6.97	7.12	0.15	7.19	7.09	16250.0	1.29	1.35	1.34
16500.0	6.89	7.09	0.20	7.11	6.82	16500.0	1.31	1.35	1.35
16750.0	6.97	7.00	0.03	7.06	6.46	16750.0	1.31	1.35	1.33
17000.0	7.12	6.90	0.23	6.95	7.23	17000.0	1.27	1.29	1.29
17250.0	6.97	6.71	0.26	6.82	8.72	17250.0	1.21	1.26	1.24
17500.0	6.69	6.57	0.12	6.68	8.47	17500.0	1.14	1.18	1.18
17750.0	6.56	6.51	0.04	6.62	7.72	17750.0	1.08	1.13	1.13
18000.0	6.61	6.53	0.08	6.60	7.34	18000.0	1.05	1.08	1.08
18250.0	6.69	6.54	0.15	6.62	8.08	18250.0	1.13	1.06	1.09
18500.0	6.61	6.53	0.09	6.73	9.37	18500.0	1.24	1.11	1.15
18750.0	6.47	6.54	0.07	6.80	9.70	18750.0	1.32	1.17	1.22
19000.0	6.54	6.74	0.20	6.94	9.22	19000.0	1.39	1.20	1.27
19250.0	6.73	6.91	0.18	7.20	8.68	19250.0	1.48	1.29	1.34
19500.0	6.99	7.01	0.02	7.49	9.26	19500.0	1.59	1.31	1.39
19750.0	7.13	7.03	0.09	7.71	10.32	19750.0	1.64	1.31	1.40
20000.0	7.21	7.23	0.02	7.80	12.12	20000.0	1.58	1.29	1.39

¹Total Loss = Insertion Loss + 6dB Splitter Loss