

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
500.0	4.14	3.74	0.81	14.47	0.29	500.0	1.88	1.30	1.38
550.0	4.12	3.73	0.79	14.68	0.45	550.0	1.84	1.31	1.39
600.0	4.10	3.72	0.77	14.87	0.60	600.0	1.80	1.31	1.39
650.0	4.08	3.70	0.75	15.12	0.76	650.0	1.75	1.30	1.38
700.0	4.06	3.70	0.73	15.35	0.88	700.0	1.71	1.30	1.38
750.0	4.04	3.68	0.71	15.61	1.01	750.0	1.66	1.30	1.37
800.0	4.02	3.68	0.68	15.90	1.12	800.0	1.61	1.29	1.36
850.0	4.00	3.67	0.66	16.19	1.22	850.0	1.56	1.29	1.34
900.0	3.99	3.68	0.63	16.51	1.32	900.0	1.51	1.28	1.33
950.0	3.97	3.67	0.61	16.82	1.42	950.0	1.46	1.28	1.31
1000.0	3.97	3.68	0.58	17.13	1.48	1000.0	1.42	1.27	1.29
1050.0	3.96	3.68	0.55	17.46	1.58	1050.0	1.37	1.27	1.28
1100.0	3.95	3.69	0.52	17.79	1.61	1100.0	1.32	1.27	1.26
1150.0	3.95	3.70	0.49	18.17	1.67	1150.0	1.28	1.27	1.24
1200.0	3.95	3.72	0.46	18.53	1.72	1200.0	1.24	1.27	1.22
1250.0	3.96	3.74	0.43	18.92	1.76	1250.0	1.20	1.28	1.20
1300.0	3.97	3.76	0.41	19.38	1.80	1300.0	1.17	1.28	1.18
1350.0	3.98	3.79	0.38	19.82	1.81	1350.0	1.14	1.29	1.17
1400.0	3.99	3.81	0.36	20.29	1.83	1400.0	1.12	1.30	1.15
1450.0	4.01	3.85	0.33	20.78	1.86	1450.0	1.12	1.31	1.14
1500.0	4.04	3.88	0.31	21.30	1.88	1500.0	1.13	1.32	1.13
1550.0	4.07	3.93	0.28	21.90	1.89	1550.0	1.15	1.34	1.13
1600.0	4.10	3.97	0.26	22.53	1.88	1600.0	1.18	1.36	1.14
1650.0	4.13	4.01	0.24	23.25	1.89	1650.0	1.21	1.37	1.15
1700.0	4.17	4.06	0.22	23.99	1.89	1700.0	1.24	1.39	1.16
1750.0	4.21	4.11	0.20	24.78	1.86	1750.0	1.28	1.41	1.18
1800.0	4.25	4.16	0.18	25.60	1.86	1800.0	1.31	1.43	1.20
1850.0	4.29	4.21	0.16	26.51	1.82	1850.0	1.35	1.46	1.22
1900.0	4.33	4.26	0.14	27.47	1.79	1900.0	1.39	1.48	1.25
1950.0	4.39	4.32	0.12	28.54	1.80	1950.0	1.43	1.50	1.28
2000.0	4.43	4.38	0.11	29.82	1.76	2000.0	1.47	1.53	1.31
2050.0	4.49	4.44	0.09	31.09	1.78	2050.0	1.51	1.55	1.34
2100.0	4.54	4.50	0.08	32.70	1.78	2100.0	1.56	1.58	1.37
2150.0	4.59	4.56	0.06	34.18	1.76	2150.0	1.59	1.60	1.40
2200.0	4.65	4.63	0.04	35.85	1.77	2200.0	1.63	1.62	1.43
2300.0	4.77	4.76	0.02	37.13	1.76	2300.0	1.69	1.66	1.48
2400.0	4.88	4.90	0.04	34.32	1.63	2400.0	1.73	1.68	1.53
2500.0	4.98	5.03	0.10	31.79	1.66	2500.0	1.76	1.69	1.57
2600.0	5.07	5.15	0.16	29.90	1.69	2600.0	1.78	1.68	1.60
2650.0	5.12	5.22	0.20	28.92	1.74	2650.0	1.78	1.66	1.62
2700.0	5.17	5.29	0.24	27.99	1.83	2700.0	1.79	1.65	1.63
2750.0	5.19	5.33	0.26	27.19	2.11	2750.0	1.78	1.63	1.63
2800.0	5.23	5.37	0.27	26.73	2.18	2800.0	1.79	1.61	1.63
2850.0	5.25	5.39	0.29	26.14	2.35	2850.0	1.77	1.60	1.62
2900.0	5.27	5.43	0.32	25.75	2.53	2900.0	1.76	1.57	1.61
3000.0	5.31	5.48	0.33	24.97	3.08	3000.0	1.73	1.52	1.58

¹Total Loss = Insertion Loss + 3dB Splitter Loss

