

S-Parameters, Mag. / Phase, 6 db T- PAD
1.0 TO 10 GHZ— P/N: IMA 2314
mounted to 15 mil thick, 50 Ohm alumina

FREQ. (GHz)	S11 mag	S11 phase	S21 mag	S21 phase	VSWR
1.00	0.020	-91.995	0.501	-1.799	1.04
1.18	0.023	-92.113	0.501	-2.130	1.048
1.37	0.027	-92.261	0.501	-2.460	1.055
1.55	0.030	-92.429	0.501	-2.790	1.063
1.73	0.034	-92.610	0.501	-3.120	1.071
1.92	0.038	-92.800	0.501	-3.450	1.078
2.10	0.041	-92.998	0.501	-3.780	1.086
2.29	0.045	-93.201	0.500	-4.110	1.094
2.47	0.048	-93.408	0.500	-4.440	1.102
2.65	0.052	-93.618	0.500	-4.769	1.11
2.84	0.056	-93.831	0.500	-5.099	1.118
3.02	0.059	-94.046	0.500	-5.428	1.126
3.20	0.063	-94.262	0.500	-5.757	1.134
3.39	0.066	-94.480	0.499	-6.086	1.142
3.57	0.070	-94.699	0.499	-6.415	1.15
3.76	0.074	-94.919	0.499	-6.744	1.159
3.94	0.077	-95.139	0.499	-7.072	1.167
4.12	0.081	-95.361	0.499	-7.400	1.175
4.31	0.084	-95.582	0.498	-7.728	1.184
4.49	0.088	-95.804	0.498	-8.056	1.192
4.67	0.091	-96.027	0.498	-8.384	1.201
4.86	0.095	-96.250	0.498	-8.711	1.21
5.04	0.098	-96.473	0.497	-9.038	1.218
5.22	0.102	-96.696	0.497	-9.365	1.227
5.41	0.105	-96.919	0.497	-9.692	1.236
5.59	0.109	-97.142	0.496	-10.018	1.245
5.78	0.113	-97.365	0.496	-10.344	1.254
5.96	0.116	-97.588	0.496	-10.670	1.263
6.14	0.120	-97.812	0.496	-10.995	1.272
6.33	0.123	-98.035	0.495	-11.320	1.281
6.51	0.127	-98.258	0.495	-11.645	1.29
6.69	0.130	-98.481	0.494	-11.969	1.299
6.88	0.134	-98.703	0.494	-12.293	1.308
7.06	0.137	-98.926	0.494	-12.617	1.317
7.24	0.140	-99.148	0.493	-12.940	1.327
7.43	0.144	-99.370	0.493	-13.264	1.336
7.61	0.147	-99.592	0.492	-13.586	1.346
7.98	0.154	-100.035	0.492	-14.230	1.365
8.16	0.158	-100.257	0.491	-14.552	1.374
8.35	0.161	-100.477	0.491	-14.873	1.384
8.53	0.165	-100.698	0.490	-15.194	1.394
8.71	0.168	-100.918	0.490	-15.514	1.404
8.90	0.171	-101.138	0.489	-15.834	1.413
9.08	0.175	-101.358	0.489	-16.153	1.423
9.27	0.178	-101.577	0.488	-16.472	1.433
9.45	0.181	-101.796	0.488	-16.791	1.443
9.63	0.185	-102.015	0.487	-17.109	1.453
9.82	0.188	-102.233	0.487	-17.427	1.464
10.00	0.192	-102.451	0.486	-17.744	1.474

S-Parameters, Mag. / Phase, 6 db T- PAD
1.0 TO 10 GHZ— P/N: IMA 2314,
mounted to 10 mil thick, 50 Ohm FR-4

FREQ. (MHz)	S11 mag	S11 phase	S21 mag	S21 phase	VSWR
100.0	0.0013	-101.2309	0.5012	-0.1170	1.003
353.8	0.0045	-93.4780	0.5012	-0.4139	1.009
607.7	0.0078	-92.3557	0.5012	-0.7108	1.016
861.5	0.0110	-92.0167	0.5012	-1.0077	1.022
1115.4	0.0142	-91.9266	0.5012	-1.3046	1.029
1369.2	0.0175	-91.9470	0.5011	-1.6014	1.036
1623.1	0.0207	-92.0260	0.5011	-1.8982	1.042
1876.9	0.0240	-92.1399	0.5010	-2.1950	1.049
2130.8	0.0272	-92.2762	0.5010	-2.4917	1.056
2384.6	0.0304	-92.4276	0.5009	-2.7883	1.063
2638.5	0.0337	-92.5898	0.5008	-3.0849	1.070
2892.3	0.0369	-92.7600	0.5007	-3.3814	1.077
3146.2	0.0401	-92.9361	0.5006	-3.6779	1.084
3400.0	0.0434	-93.1169	0.5005	-3.9742	1.091
3653.8	0.0466	-93.3013	0.5004	-4.2705	1.098
3907.7	0.0498	-93.4886	0.5003	-4.5666	1.105
4161.5	0.0531	-93.6783	0.5001	-4.8627	1.112
4415.4	0.0563	-93.8699	0.5000	-5.1586	1.119
4669.2	0.0595	-94.0630	0.4998	-5.4544	1.127
4923.1	0.0627	-94.2575	0.4997	-5.7501	1.134
5176.9	0.0659	-94.4531	0.4995	-6.0456	1.141
5430.8	0.0691	-94.6496	0.4993	-6.3410	1.148
5684.6	0.0724	-94.8469	0.4991	-6.6363	1.156
5938.5	0.0756	-95.0448	0.4990	-6.9314	1.164
6192.3	0.0788	-95.2432	0.4988	-7.2263	1.171
6446.2	0.0820	-95.4421	0.4986	-7.5211	1.179
6700.0	0.0852	-95.6414	0.4983	-7.8157	1.186
6953.8	0.0884	-95.8410	0.4981	-8.1101	1.194
7207.7	0.0915	-96.0409	0.4979	-8.4044	1.201
7461.5	0.0947	-96.2410	0.4976	-8.6984	1.209
7715.4	0.0979	-96.4412	0.4974	-8.9923	1.217
7969.2	0.1011	-96.6416	0.4971	-9.2859	1.225
8223.1	0.1043	-96.8420	0.4969	-9.5793	1.233
8476.9	0.1074	-97.0425	0.4966	-9.8725	1.241
8730.8	0.1106	-97.2431	0.4963	-10.1655	1.249
8984.6	0.1137	-97.4436	0.4960	-10.4582	1.257
9238.5	0.1169	-97.6441	0.4958	-10.7507	1.265
9492.3	0.1201	-97.8446	0.4955	-11.0430	1.273
9746.2	0.1232	-98.0450	0.4951	-11.3350	1.281
10000.0	0.1263	-98.2453	0.4948	-11.6267	1.289



Tel (401) 683-9700
 Fax (401) 683-5571
 e-mail: ims@ims-resistors.com
<http://www.ims-resistors.com>