







## S-Parameters

S-PARAMETER Vds=7V, Ids= 0.7 x Idss

Freq. GHz	S11		S21		S12		S22		K	GMAX dB
	dB	Ang (°)	dB	Ang (°)	dB	Ang (°)	dB	Ang (°)		
1	-0.434	-16.798	18.594	166.957	-40.344	78.509	-2.509	-6.391	0.313	29.469
2	-0.595	-33.020	18.342	155.273	-34.394	71.922	-2.686	-12.304	0.236	26.368
3	-0.857	-47.925	17.898	144.323	-31.276	64.538	-2.921	-18.084	0.257	24.587
4	-1.214	-62.167	17.319	134.108	-29.288	57.515	-3.288	-22.659	0.316	23.304
5	-1.579	-73.951	16.630	124.816	-28.155	52.985	-3.642	-27.742	0.368	22.393
6	-2.009	-83.961	15.983	117.410	-27.317	47.913	-3.851	-30.083	0.454	21.650
7	-2.144	-94.798	15.393	109.083	-26.608	44.551	-4.368	-34.334	0.482	21.001
8	-2.614	-106.477	14.778	102.325	-26.174	39.937	-4.701	-37.107	0.572	20.476
9	-2.729	-115.328	14.266	95.281	-25.705	38.304	-4.553	-41.649	0.548	19.986
10	-3.040	-124.601	13.611	88.515	-25.682	34.139	-5.103	-44.514	0.678	19.647
11	-3.108	-132.490	13.093	82.219	-25.392	32.968	-5.498	-49.209	0.710	19.242
12	-3.213	-140.147	12.563	77.002	-25.468	31.293	-5.536	-50.550	0.768	19.016
13	-3.210	-148.231	12.116	70.719	-25.423	29.347	-5.864	-54.808	0.812	18.770
14	-3.378	-153.962	11.529	65.116	-25.455	28.951	-5.982	-58.494	0.903	18.492
15	-3.567	-159.501	11.090	60.734	-25.609	29.839	-6.241	-62.552	1.011	17.704
16	-3.441	-167.276	10.524	54.873	-25.483	30.239	-6.361	-66.586	1.023	17.081
17	-3.394	-171.606	10.055	49.888	-25.594	31.125	-6.512	-71.445	1.085	16.048
18	-3.221	-176.472	9.751	44.941	-25.366	32.969	-6.624	-75.347	1.042	16.311
19	-3.300	178.657	9.322	40.686	-25.222	34.501	-6.626	-80.275	1.086	15.483
20	-3.205	174.451	8.888	35.336	-25.125	36.219	-6.427	-85.101	1.070	15.393
21	-3.308	170.814	8.455	32.270	-24.954	40.412	-6.477	-89.971	1.134	14.477
22	-3.226	166.840	8.070	27.227	-24.542	41.016	-6.430	-96.016	1.095	14.424
23	-2.874	163.599	7.863	22.752	-24.186	42.607	-6.235	-100.976	0.934	16.024
24	-2.938	161.443	7.519	18.930	-23.933	44.880	-6.150	-104.235	0.958	15.726
25	-2.825	157.046	7.039	14.494	-23.291	47.315	-6.133	-111.665	0.910	15.165
26	-2.640	155.639	6.653	10.406	-22.575	47.540	-5.630	-117.292	0.751	14.614
27	-2.954	151.081	6.311	5.516	-22.168	48.201	-5.559	-120.753	0.842	14.239
28	-2.467	148.377	6.025	1.185	-21.452	47.885	-5.220	-128.052	0.618	13.738
29	-2.454	146.156	5.747	-2.774	-20.823	48.773	-5.029	-131.150	0.566	13.285
30	-2.270	142.859	5.463	-6.765	-20.125	48.886	-4.744	-137.519	0.467	12.794

### ORDERING INFORMATION:

When placing order or inquiring, please specify wafer number, if known. For details of Safe Handling Procedure please see supplementary information in available PDF on our website [www.mwtinc.com](http://www.mwtinc.com). For package information, please see supplementary application note in PDF format by clicking located on our website.

<b>Chip</b>	MwT-PHF
<b>Package 70</b>	MwT-PH70F
<b>Package 71</b>	MwT-PH 71F
<b>Package 73</b>	MwT-PH73F