



mounting cap. assumed to be 0.02 pF

IMS P/N RCX0502PW 50 ohm chip

S - PARAMETER DATA

FREQ GHz	S11		S21		S12		S22	
	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
1.00	0.012	-32.5	0.990	-0.4	0.990	-0.4	0.012	-32.5
2.00	0.016	-52.2	0.990	-0.7	0.990	-0.7	0.016	-52.2
3.00	0.021	-63.1	0.990	-1.1	0.990	-1.1	0.021	-63.1
4.00	0.027	-69.7	0.990	-1.5	0.990	-1.5	0.027	-69.7
5.00	0.033	-74.1	0.990	-1.8	0.990	-1.8	0.033	-74.1
6.00	0.039	-77.3	0.989	-2.2	0.989	-2.2	0.039	-77.3
7.00	0.045	-79.7	0.989	-2.5	0.989	-2.5	0.045	-79.7
8.00	0.051	-81.6	0.989	-2.9	0.989	-2.9	0.051	-81.6
9.00	0.057	-83.2	0.989	-3.3	0.989	-3.3	0.057	-83.2
10.00	0.063	-84.6	0.988	-3.6	0.988	-3.6	0.063	-84.6
11.00	0.069	-85.7	0.988	-4.0	0.988	-4.0	0.069	-85.7
12.00	0.075	-86.8	0.987	-4.4	0.987	-4.4	0.075	-86.8
13.00	0.081	-87.7	0.987	-4.7	0.987	-4.7	0.081	-87.7
14.00	0.087	-88.5	0.986	-5.1	0.986	-5.1	0.087	-88.5
15.00	0.093	-89.3	0.986	-5.4	0.986	-5.4	0.093	-89.3
16.00	0.100	-90.1	0.985	-5.8	0.985	-5.8	0.100	-90.1
17.00	0.106	-90.7	0.984	-6.2	0.984	-6.2	0.106	-90.7
18.00	0.112	-91.4	0.984	-6.5	0.984	-6.5	0.112	-91.4
19.00	0.118	-92.0	0.983	-6.9	0.983	-6.9	0.118	-92.0
20.00	0.124	-92.6	0.982	-7.2	0.982	-7.2	0.124	-92.6
21.00	0.130	-93.2	0.982	-7.6	0.982	-7.6	0.130	-93.2
22.00	0.136	-93.7	0.981	-7.9	0.981	-7.9	0.136	-93.7
23.00	0.142	-94.3	0.980	-8.3	0.980	-8.3	0.142	-94.3
24.00	0.148	-94.8	0.979	-8.7	0.979	-8.7	0.148	-94.8
25.00	0.154	-95.3	0.978	-9.0	0.978	-9.0	0.154	-95.3
26.00	0.160	-95.8	0.977	-9.4	0.977	-9.4	0.160	-95.8
27.00	0.166	-96.3	0.976	-9.7	0.976	-9.7	0.166	-96.3
28.00	0.172	-96.7	0.975	-10.1	0.975	-10.1	0.172	-96.7
29.00	0.178	-97.2	0.974	-10.4	0.974	-10.4	0.178	-97.2
30.00	0.184	-97.6	0.973	-10.8	0.973	-10.8	0.184	-97.6
31.00	0.190	-98.1	0.972	-11.1	0.972	-11.1	0.190	-98.1
32.00	0.195	-98.5	0.971	-11.5	0.971	-11.5	0.195	-98.5
33.00	0.201	-99.0	0.969	-11.8	0.969	-11.8	0.201	-99.0
34.00	0.207	-99.4	0.968	-12.2	0.968	-12.2	0.207	-99.4
35.00	0.213	-99.8	0.967	-12.5	0.967	-12.5	0.213	-99.8
36.00	0.219	-100.2	0.966	-12.9	0.966	-12.9	0.219	-100.2
37.00	0.224	-100.6	0.964	-13.2	0.964	-13.2	0.224	-100.6
38.00	0.230	-101.0	0.963	-13.6	0.963	-13.6	0.230	-101.0
39.00	0.236	-101.4	0.962	-13.9	0.962	-13.9	0.236	-101.4
40.00	0.242	-101.8	0.960	-14.3	0.960	-14.3	0.242	-101.8