

Valores obtenidos por simulación. Modelos Prototipos. Divisor 1:2.

Frec [GHz]	S11 Sim	S21 Sim	S31 Sim	ROE Sim
1.00	-0.878	-10.904	-10.925	19.811
1.01	-0.868	-10.949	-10.970	20.034
1.02	-0.858	-10.992	-11.014	20.253
1.03	-0.849	-11.035	-11.056	20.469
1.04	-0.841	-11.075	-11.097	20.681
1.05	-0.832	-11.115	-11.136	20.889
1.06	-0.824	-11.153	-11.174	21.092
1.07	-0.816	-11.189	-11.211	21.291
1.08	-0.809	-11.224	-11.246	21.486
1.09	-0.802	-11.258	-11.279	21.675
1.10	-0.795	-11.290	-11.312	21.859
1.11	-0.789	-11.321	-11.342	22.038
1.12	-0.783	-11.350	-11.372	22.211
1.13	-0.777	-11.378	-11.400	22.378
1.14	-0.771	-11.405	-11.426	22.538
1.15	-0.766	-11.430	-11.451	22.692
1.16	-0.761	-11.454	-11.475	22.839
1.17	-0.756	-11.476	-11.497	22.980
1.18	-0.752	-11.497	-11.517	23.112
1.19	-0.748	-11.516	-11.536	23.237
1.20	-0.744	-11.534	-11.554	23.354
1.21	-0.741	-11.550	-11.570	23.463
1.22	-0.738	-11.565	-11.585	23.564
1.23	-0.735	-11.579	-11.598	23.656
1.24	-0.732	-11.591	-11.610	23.739
1.25	-0.730	-11.601	-11.620	23.813
1.26	-0.728	-11.610	-11.629	23.878
1.27	-0.726	-11.618	-11.636	23.933
1.28	-0.725	-11.624	-11.642	23.978
1.29	-0.724	-11.629	-11.646	24.014
1.30	-0.723	-11.632	-11.649	24.039
1.31	-0.723	-11.634	-11.650	24.055
1.32	-0.722	-11.634	-11.650	24.059
1.33	-0.723	-11.632	-11.648	24.054
1.34	-0.723	-11.630	-11.645	24.038
1.35	-0.724	-11.625	-11.640	24.011
1.36	-0.725	-11.620	-11.633	23.974
1.37	-0.726	-11.612	-11.625	23.926

1.38	-0.728	-11.603	-11.616	23.867
1.39	-0.730	-11.593	-11.605	23.797
1.40	-0.733	-11.581	-11.592	23.717
1.41	-0.736	-11.568	-11.578	23.626
1.42	-0.739	-11.553	-11.562	23.525
1.43	-0.742	-11.536	-11.544	23.413
1.44	-0.746	-11.518	-11.525	23.291
1.45	-0.751	-11.498	-11.505	23.158
1.46	-0.755	-11.477	-11.482	23.015
1.47	-0.760	-11.454	-11.458	22.863
1.48	-0.766	-11.430	-11.433	22.700
1.49	-0.772	-11.404	-11.406	22.528
1.50	-0.778	-11.377	-11.377	22.347
1.51	-0.785	-11.347	-11.346	22.157
1.52	-0.792	-11.317	-11.314	21.957
1.53	-0.799	-11.284	-11.280	21.749
1.54	-0.807	-11.250	-11.245	21.533
1.55	-0.816	-11.215	-11.208	21.309
1.56	-0.825	-11.177	-11.169	21.077
1.57	-0.834	-11.138	-11.128	20.838
1.58	-0.844	-11.098	-11.086	20.592
1.59	-0.855	-11.055	-11.041	20.339
1.60	-0.866	-11.011	-10.996	20.079
1.61	-0.878	-10.966	-10.948	19.814
1.62	-0.890	-10.918	-10.898	19.544
1.63	-0.902	-10.869	-10.847	19.268
1.64	-0.916	-10.818	-10.794	18.988
1.65	-0.930	-10.765	-10.739	18.703
1.66	-0.944	-10.711	-10.683	18.416
1.67	-0.959	-10.654	-10.624	18.127
1.68	-0.975	-10.596	-10.563	17.838
1.69	-0.991	-10.535	-10.501	17.551
1.70	-1.007	-10.472	-10.435	17.273
1.71	-1.022	-10.406	-10.367	17.017
1.72	-1.034	-10.334	-10.293	16.822
1.73	-1.032	-10.246	-10.203	16.850
1.74	-0.940	-10.090	-10.045	18.503
1.75	-0.048	-10.203	-10.162	18.224
1.76	-0.969	-10.790	-10.728	17.946
1.77	-1.142	-9.991	-9.933	15.242
1.78	-1.181	-9.898	-9.843	14.740

1.79	-1.212	-9.822	-9.767	14.357
1.80	-1.243	-9.744	-9.689	14.005
1.81	-1.274	-9.663	-9.608	13.667
1.82	-1.306	-9.580	-9.525	13.334
1.83	-1.339	-9.494	-9.439	13.006
1.84	-1.373	-9.405	-9.351	12.681
1.85	-1.409	-9.315	-9.262	12.357
1.86	-1.447	-9.222	-9.170	12.036
1.87	-1.487	-9.126	-9.077	11.717
1.88	-1.528	-9.029	-8.982	11.400
1.89	-1.572	-8.930	-8.885	11.085
1.90	-1.618	-8.828	-8.786	10.772
1.91	-1.666	-8.724	-8.686	10.462
1.92	-1.717	-8.619	-8.584	10.155
1.93	-1.770	-8.511	-8.481	9.851
1.94	-1.827	-8.401	-8.375	9.550
1.95	-1.886	-8.290	-8.268	9.252
1.96	-1.948	-8.177	-8.159	8.958
1.97	-2.014	-8.061	-8.049	8.667
1.98	-2.084	-7.945	-7.936	8.380
1.99	-2.157	-7.826	-7.823	8.097
2.00	-2.235	-7.706	-7.707	7.819
2.01	-2.318	-7.585	-7.590	7.544
2.02	-2.405	-7.462	-7.471	7.274
2.03	-2.497	-7.338	-7.351	7.008
2.04	-2.595	-7.213	-7.230	6.748
2.05	-2.699	-7.087	-7.107	6.492
2.06	-2.809	-6.959	-6.983	6.241
2.07	-2.927	-6.831	-6.858	5.995
2.08	-3.052	-6.702	-6.732	5.754
2.09	-3.185	-6.572	-6.605	5.519
2.10	-3.327	-6.442	-6.477	5.289
2.11	-3.478	-6.311	-6.349	5.064
2.12	-3.640	-6.180	-6.220	4.845
2.13	-3.813	-6.049	-6.092	4.632
2.14	-3.998	-5.919	-5.963	4.425
2.15	-4.196	-5.789	-5.835	4.223
2.16	-4.409	-5.659	-5.707	4.027
2.17	-4.637	-5.531	-5.580	3.837
2.18	-4.883	-5.404	-5.454	3.653
2.19	-5.148	-5.278	-5.330	3.475

2.20	-5.433	-5.154	-5.207	3.303
2.21	-5.742	-5.032	-5.086	3.137
2.22	-6.075	-4.913	-4.967	2.977
2.23	-6.437	-4.797	-4.852	2.823
2.24	-6.830	-4.684	-4.739	2.675
2.25	-7.259	-4.574	-4.630	2.533
2.26	-7.726	-4.469	-4.525	2.396
2.27	-8.238	-4.368	-4.425	2.266
2.28	-8.801	-4.271	-4.329	2.141
2.29	-9.423	-4.180	-4.238	2.022
2.30	-10.113	-4.095	-4.152	1.909
2.31	-10.884	-4.015	-4.073	1.801
2.32	-11.751	-3.942	-4.000	1.698
2.33	-12.736	-3.876	-3.934	1.601
2.34	-13.870	-3.816	-3.874	1.509
2.35	-15.195	-3.764	-3.822	1.422
2.36	-16.780	-3.719	-3.777	1.340
2.37	-18.734	-3.682	-3.740	1.262
2.38	-21.259	-3.653	-3.710	1.190
2.39	-24.761	-3.632	-3.689	1.123
2.40	-30.055	-3.618	-3.675	1.065
2.41	-33.654	-3.613	-3.670	1.042
2.42	-27.801	-3.616	-3.672	1.084
2.43	-23.336	-3.626	-3.682	1.146
2.44	-20.309	-3.644	-3.700	1.213
2.45	-18.065	-3.670	-3.725	1.285
2.46	-16.299	-3.703	-3.757	1.361
2.47	-14.853	-3.742	-3.796	1.441
2.48	-13.635	-3.789	-3.842	1.525
2.49	-12.590	-3.841	-3.894	1.613
2.50	-11.680	-3.900	-3.952	1.704
2.51	-10.877	-3.964	-4.016	1.800
2.52	-10.164	-4.033	-4.084	1.899
2.53	-9.525	-4.106	-4.157	2.003
2.54	-8.949	-4.185	-4.235	2.109
2.55	-8.428	-4.266	-4.316	2.220
2.56	-7.954	-4.352	-4.401	2.334
2.57	-7.521	-4.440	-4.489	2.452
2.58	-7.125	-4.532	-4.579	2.573
2.59	-6.762	-4.625	-4.672	2.697
2.60	-6.427	-4.721	-4.767	2.825

2.61	-6.119	-4.818	-4.864	2.955
2.62	-5.834	-4.917	-4.962	3.089
2.63	-5.571	-5.017	-5.061	3.225
2.64	-5.326	-5.117	-5.160	3.363
2.65	-5.099	-5.218	-5.260	3.504
2.66	-4.889	-5.319	-5.361	3.647
2.67	-4.692	-5.420	-5.461	3.792
2.68	-4.510	-5.521	-5.562	3.939
2.69	-4.339	-5.622	-5.661	4.087
2.70	-4.180	-5.722	-5.761	4.236
2.71	-4.031	-5.822	-5.859	4.387
2.72	-3.891	-5.920	-5.957	4.539
2.73	-3.761	-6.018	-6.054	4.691
2.74	-3.639	-6.115	-6.149	4.844
2.75	-3.524	-6.210	-6.244	4.998
2.76	-3.416	-6.304	-6.337	5.151
2.77	-3.315	-6.396	-6.428	5.304
2.78	-3.220	-6.487	-6.518	5.457
2.79	-3.131	-6.577	-6.607	5.610
2.80	-3.046	-6.664	-6.693	5.761
2.81	-2.967	-6.750	-6.779	5.912
2.82	-2.892	-6.835	-6.862	6.062
2.83	-2.822	-6.917	-6.943	6.211
2.84	-2.756	-6.998	-7.023	6.358
2.85	-2.693	-7.077	-7.100	6.503
2.86	-2.634	-7.153	-7.176	6.647
2.87	-2.578	-7.228	-7.250	6.788
2.88	-2.525	-7.301	-7.322	6.928
2.89	-2.476	-7.372	-7.392	7.065
2.90	-2.429	-7.441	-7.459	7.200
2.91	-2.384	-7.508	-7.525	7.333
2.92	-2.342	-7.573	-7.589	7.462
2.93	-2.303	-7.635	-7.650	7.589
2.94	-2.265	-7.696	-7.710	7.713
2.95	-2.230	-7.755	-7.767	7.833
2.96	-2.197	-7.811	-7.823	7.950
2.97	-2.165	-7.866	-7.876	8.064
2.98	-2.136	-7.918	-7.927	8.174
2.99	-2.108	-7.969	-7.977	8.281
3.00	-2.082	-8.017	-8.024	8.383

Valores obtenidos por medición. Modelos Prototipos. Divisor 1:2.

Frec [GHz]	S11 Med	S21 Med	S31 Med	ROE Med
1.00	-1.71	-10.51	-10.40	2.45
1.05	-1.85	-10.54	-10.42	2.23
1.10	-1.90	-10.46	-10.37	2.00
1.15	-1.77	-10.22	-10.19	2.25
1.20	-1.97	-10.36	-10.39	2.52
1.25	-2.25	-10.71	-10.74	2.26
1.30	-2.05	-10.58	-10.67	2.06
1.35	-1.92	-10.52	-10.67	2.36
1.40	-2.34	-11.08	-11.28	2.55
1.45	-2.45	-11.42	-11.66	2.34
1.50	-2.01	-11.12	-11.43	2.15
1.55	-1.86	-11.15	-11.51	2.31
1.60	-2.16	-11.63	-12.03	2.42
1.65	-2.01	-11.60	-12.05	2.34
1.70	-1.78	-11.46	-11.78	2.03
1.75	-2.16	-11.78	-11.75	2.01
1.80	-2.22	-11.89	-11.98	2.42
1.85	-1.90	-11.59	-11.68	2.44
1.90	-1.68	-11.29	-11.30	2.19
1.95	-2.12	-11.63	-11.44	2.12
2.00	-2.41	-11.70	-11.45	2.44
2.05	-2.30	-11.08	-10.92	2.65
2.10	-2.55	-10.41	-10.42	2.32
2.15	-3.11	-9.88	-10.05	2.18
2.20	-3.70	-8.81	-9.15	2.33
2.25	-4.63	-7.57	-8.09	2.33
2.30	-6.52	-6.61	-7.19	1.85
2.32	-7.74	-6.29	-6.87	1.71
2.34	-9.26	-5.96	-6.59	1.63
2.36	-11.30	-5.65	-6.32	1.46
2.38	-14.10	-5.44	-6.19	1.33
2.40	-17.10	-5.30	-6.08	1.11
2.41	-17.40	-5.30	-6.10	1.03
2.42	-16.20	-5.31	-6.13	1.06
2.43	-14.80	-5.39	-6.21	1.13
2.44	-13.32	-5.50	-6.33	1.28
2.45	-11.81	-5.65	-6.45	1.35
2.46	-10.42	-5.85	-6.61	1.42

2.47	-9.32	-6.04	-6.80	1.56
2.48	-8.43	-6.27	-7.06	1.64
2.49	-7.75	-6.49	-7.29	1.73
2.50	-7.07	-6.76	-7.57	1.90
2.52	-6.00	-7.30	-8.10	2.05
2.54	-5.24	-7.97	-8.78	2.09
2.56	-4.75	-8.67	-9.42	2.05
2.58	-4.35	-9.32	-10.13	2.07
2.60	-4.06	-10.01	-10.80	2.13
2.65	-3.53	-11.46	-12.10	2.42
2.70	-3.07	-12.42	-13.02	3.38
2.75	-2.75	-13.10	-13.55	2.77
2.80	-2.82	-13.92	-14.38	2.18
2.85	-2.63	-14.37	-14.96	2.27
2.90	-2.32	-14.58	-15.16	2.89
2.95	-2.21	-14.64	-15.22	2.85
3.00	-2.42	-14.90	-15.67	2.18