

THE EFFECT OF VSWR ON TRANSMITTED POWER

VSWR	Return Loss (dB)	Reflected Power (%)	Trans. Power (%)	Voltage Refl. Coeff.	Trans. Loss (dB)	VSWR	Return Loss (dB)	Reflected Power (%)	Trans. Power (%)	Voltage Refl. Coeff.	Trans. Loss (dB)
1.00	Infinite	0.000	100.000	0.000	0.0000	1.38	15.9	2.550	97.450	0.160	0.1120
1.01	46.1	0.003	99.997	0.005	0.0002	1.39	15.7	2.670	97.330	0.162	0.1180
1.02	40.1	0.009	99.991	0.010	0.0005	1.40	15.6	2.780	97.220	0.166	0.1220
1.03	36.6	0.022	99.978	0.015	0.0011	1.41	15.4	2.900	97.100	0.169	0.1260
1.04	34.1	0.038	99.962	0.020	0.0018	1.42	15.2	3.030	96.970	0.171	0.1320
1.05	32.3	0.060	99.940	0.024	0.0028	1.43	15.0	3.140	96.860	0.175	0.1370
1.06	30.7	0.082	99.918	0.029	0.0039	1.44	14.9	3.280	96.720	0.180	0.1420
1.07	29.4	0.116	99.884	0.034	0.0051	1.45	14.7	3.380	96.620	0.183	0.1470
1.08	28.3	0.144	99.856	0.038	0.0066	1.46	14.6	3.500	96.500	0.186	0.1520
1.09	27.3	0.184	99.816	0.043	0.0083	1.47	14.5	3.620	96.380	0.190	0.1570
1.10	26.4	0.228	99.772	0.047	0.0100	1.48	14.3	3.740	96.260	0.193	0.1640
1.11	25.6	0.276	99.724	0.052	0.0118	1.49	14.2	3.870	96.130	0.195	0.1720
1.12	24.9	0.324	99.676	0.056	0.0139	1.50	14.0	4.000	96.000	0.199	0.1800
1.13	24.3	0.375	99.625	0.061	0.0160	1.55	13.3	4.700	95.300	0.213	0.2100
1.14	23.7	0.426	99.574	0.065	0.0185	1.60	12.6	5.400	94.600	0.230	0.2400
1.15	23.1	0.488	99.512	0.069	0.0205	1.65	12.2	6.000	94.000	0.245	0.2700
1.16	22.6	0.550	99.450	0.074	0.0235	1.70	11.7	6.800	93.200	0.258	0.3100
1.17	22.1	0.615	99.385	0.078	0.0260	1.75	11.3	7.400	92.600	0.261	0.3400
1.18	21.6	0.682	99.318	0.082	0.0285	1.80	10.9	8.200	91.800	0.285	0.3700
1.19	21.2	0.750	99.250	0.086	0.0318	1.85	10.5	8.900	91.100	0.298	0.4000
1.20	20.8	0.816	99.184	0.091	0.0353	1.90	10.2	9.600	90.400	0.310	0.4400
1.21	20.4	0.900	99.100	0.095	0.0391	1.95	9.8	10.200	89.800	0.320	0.4700
1.22	20.1	0.980	99.020	0.099	0.0426	2.00	9.5	11.000	89.000	0.332	0.5000
1.23	19.7	1.080	98.920	0.103	0.0455	2.10	9.0	12.400	87.600	0.352	0.5700
1.24	19.4	1.150	98.850	0.106	0.0490	2.20	8.6	13.800	86.200	0.372	0.6500
1.25	19.1	1.230	98.770	0.111	0.0530	2.30	8.1	15.300	84.700	0.392	0.7300
1.26	18.8	1.340	98.660	0.115	0.0560	2.40	7.7	16.900	83.100	0.410	0.8000
1.27	18.5	1.430	98.570	0.119	0.0600	2.50	7.3	18.200	81.800	0.429	0.8800
1.28	18.2	1.520	98.480	0.123	0.0640	2.60	7.0	19.500	80.500	0.445	0.9500
1.29	17.9	1.620	98.380	0.126	0.0680	2.70	6.8	21.000	79.000	0.459	1.0300
1.30	17.7	1.710	98.290	0.130	0.0730	2.80	6.5	22.300	77.700	0.473	1.1000
1.31	17.4	1.810	98.190	0.134	0.0780	2.90	6.2	23.700	76.300	0.485	1.1700
1.32	17.2	1.910	98.090	0.137	0.0830	3.00	6.0	25.000	75.000	0.500	1.2500
1.33	17.0	2.020	97.980	0.141	0.0870	3.50	5.1	31.000	69.000	0.555	1.6100
1.34	16.8	2.130	97.870	0.145	0.0920	4.00	4.4	36.000	64.000	0.600	1.9300
1.35	16.5	2.230	97.770	0.149	0.0960	4.50	3.9	40.600	59.400	0.635	2.2700
1.36	16.3	2.330	97.670	0.152	0.1010	5.00	3.5	44.400	55.600	0.665	2.5600
1.37	16.1	2.440	97.560	0.155	0.1060	6.00	2.9	51.000	49.000	0.715	3.0800