

EFFECT OF VSWR ON TRANSMITTED POWER

VSWR	VSWR, dB	Return Loss, dB	Trans. Loss, dB	Power Transm. %	Power Reflect. %	VSWR	VSWR, dB	Return Loss, dB	Trans. Loss, dB	Power Transm. %	Power Reflect. %
1	0.0		0.000	100.0	0.0	1.52	3.6	13.7	0.189	95.7	4.3
1.01	0.1	46.1	0.000	100.0	0.0	1.54	3.8	13.4	0.201	95.5	4.5
1.02	0.2	40.1	0.000	100.0	0.0	1.56	3.9	13.2	0.213	95.2	4.8
1.03	0.3	36.6	0.001	100.0	0.0	1.58	4.0	13.0	0.225	94.9	5.1
1.04	0.3	34.2	0.002	100.0	0.0	1.6	4.1	12.7	0.238	94.7	5.3
1.05	0.4	32.3	0.003	99.9	0.1	1.62	4.2	12.5	0.250	94.4	5.6
1.06	0.5	30.7	0.004	99.9	0.1	1.64	4.3	12.3	0.263	94.1	5.9
1.07	0.6	29.4	0.005	99.9	0.1	1.66	4.4	12.1	0.276	93.8	6.2
1.08	0.7	28.3	0.006	99.9	0.1	1.68	4.5	11.9	0.289	93.6	6.4
1.09	0.7	27.3	0.008	99.8	0.2	1.7	4.6	11.7	0.302	93.3	6.7
1.1	0.8	26.4	0.010	99.8	0.2	1.72	4.7	11.5	0.315	93.0	7.0
1.11	0.9	25.7	0.012	99.7	0.3	1.74	4.8	11.4	0.329	92.7	7.3
1.12	1.0	24.9	0.014	99.7	0.3	1.76	4.9	11.2	0.342	92.4	7.6
1.13	1.1	24.3	0.016	99.6	0.4	1.78	5.0	11.0	0.356	92.1	7.9
1.14	1.1	23.7	0.019	99.6	0.4	1.8	5.1	10.9	0.370	91.8	8.2
1.15	1.2	23.1	0.021	99.5	0.5	1.82	5.2	10.7	0.384	91.5	8.5
1.16	1.3	22.6	0.024	99.5	0.5	1.84	5.3	10.6	0.398	91.3	8.7
1.17	1.4	22.1	0.027	99.4	0.6	1.86	5.4	10.4	0.412	91.0	9.0
1.18	1.4	21.7	0.030	99.3	0.7	1.88	5.5	10.3	0.426	90.7	9.3
1.19	1.5	21.2	0.033	99.2	0.8	1.9	5.6	10.2	0.440	90.4	9.6
1.2	1.6	20.8	0.036	99.2	0.8	1.92	5.7	10.0	0.454	90.1	9.9
1.21	1.7	20.4	0.039	99.1	0.9	1.94	5.8	9.9	0.468	89.8	10.2
1.22	1.7	20.1	0.043	99.0	1.0	1.96	5.8	9.8	0.483	89.5	10.5
1.23	1.8	19.7	0.046	98.9	1.1	1.98	5.9	9.7	0.497	89.2	10.8
1.24	1.9	19.4	0.050	98.9	1.1	2	6.0	9.5	0.512	88.9	11.1
1.25	1.9	19.1	0.054	98.8	1.2	2.5	8.0	7.4	0.881	81.6	18.4
1.26	2.0	18.8	0.058	98.7	1.3	3	9.5	6.0	1.249	75.0	25.0
1.27	2.1	18.5	0.062	98.6	1.4	3.5	10.9	5.1	1.603	69.1	30.9
1.28	2.1	18.2	0.066	98.5	1.5	4	12.0	4.4	1.938	64.0	36.0
1.29	2.2	17.9	0.070	98.4	1.6	4.5	13.1	3.9	2.255	59.5	40.5
1.3	2.3	17.7	0.075	98.3	1.7	5	14.0	3.5	2.553	55.6	44.4
1.32	2.4	17.2	0.083	98.1	1.9	5.5	14.8	3.2	2.834	52.1	47.9
1.34	2.5	16.8	0.093	97.9	2.1	6	15.6	2.9	3.100	49.0	51.0
1.36	2.7	16.3	0.102	97.7	2.3	6.5	16.3	2.7	3.351	46.2	53.8
1.38	2.8	15.9	0.112	97.5	2.5	7	16.9	2.5	3.590	43.8	56.3
1.4	2.9	15.6	0.122	97.2	2.8	7.5	17.5	2.3	3.817	41.5	58.5
1.42	3.0	15.2	0.133	97.0	3.0	8	18.1	2.2	4.033	39.5	60.5
1.44	3.2	14.9	0.144	96.7	3.3	8.5	18.6	2.1	4.240	37.7	62.3
1.46	3.3	14.6	0.155	96.5	3.5	9	19.1	1.9	4.437	36.0	64.0
1.48	3.4	14.3	0.166	96.3	3.7	9.5	19.6	1.8	4.626	34.5	65.5
1.5	3.5	14.0	0.177	96.0	4.0	10	20.0	1.7	4.807	33.1	66.9