

VSWR Effects on TX Power

VSWR	Return Loss (dB)	Transmit Loss (dB)	Power Transmitted (%)	Power Reflected (%)
1.00	∞	.000	100.0	.0
1.01	46.1	.000	100.0	.0
1.02	40.1	.000	100.0	.0
1.03	36.6	.001	100.0	.0
1.04	34.2	.002	100.0	.0
1.05	32.3	.003	99.9	.1
1.06	30.4	.004	99.9	.1
1.07	29.4	.005	99.9	.1
1.08	28.3	.006	99.9	.1
1.09	27.3	.008	99.8	.2
1.10	26.4	.010	99.8	.2
1.11	25.7	.012	99.7	.3
1.12	24.9	.014	99.7	.3
1.13	24.3	.016	99.6	.4
1.14	23.7	.019	99.6	.4
1.15	23.1	.021	99.5	.5
1.16	22.6	.024	99.5	.5
1.17	22.1	.027	99.4	.6
1.18	21.7	.030	99.3	.7
1.19	21.3	.033	99.2	.8
1.20	20.8	.036	99.2	.8
1.21	20.4	.039	99.1	.9
1.22	20.1	.043	99.0	1.0
1.23	19.7	.046	98.9	1.1
1.24	19.4	.050	98.9	1.1
1.25	19.1	.054	98.8	1.2
1.26	18.8	.058	98.7	1.3
1.27	18.5	.062	98.6	1.4
1.28	18.2	.066	98.5	.5
1.29	17.9	.070	98.4	.6
1.30	17.7	.075	98.3	1.7
1.32	17.2	.083	98.1	1.9
1.34	16.8	.093	97.9	2.1
1.36	16.3	.102	97.7	2.3
1.38	15.9	.112	97.5	2.5
1.40	15.6	.122	97.2	2.8
1.42	15.2	.133	97.0	3.0
1.44	14.9	.144	96.7	3.3
1.46	14.6	.155	96.5	3.5
1.48	14.3	.166	96.3	3.7
1.50	14.0	.177	96.0	4.0
1.52	13.7	.189	95.7	4.3
1.54	13.4	.201	95.5	4.5

VSWR	Return Loss (dB)	Transmit Loss (dB)	Power Transmitted (%)	Power Reflected (%)
1.56	13.2	.213	95.2	4.8
1.58	13.0	.225	94.9	5.1
1.60	12.7	.238	94.7	5.3
1.62	12.5	.250	94.4	5.6
1.64	12.3	.263	94.1	5.9
1.66	12.1	.276	93.8	6.2
1.68	11.9	.289	93.6	6.4
1.70	11.7	.302	93.3	6.7
1.72	11.5	.315	93.0	7.0
1.74	11.4	.329	92.7	7.3
1.76	11.2	.342	92.4	7.6
1.78	11.0	.356	92.1	7.9
1.80	10.9	.370	91.8	8.2
1.82	10.7	.384	91.5	8.5
1.84	10.6	.398	91.3	8.7
1.86	10.4	.412	91.0	9.0
1.88	10.3	.426	90.7	9.3
1.90	10.2	.440	90.4	9.6
1.92	10.0	.454	90.1	9.9
1.94	9.9	.468	89.8	10.2
1.96	9.8	.483	89.5	10.5
1.98	9.7	.497	89.2	10.8
2.00	9.5	.512	88.9	11.1
2.50	7.4	.881	81.6	18.4
3.00	6.0	1.249	75.0	25.0
3.50	5.1	1.603	69.1	30.9
4.00	4.4	1.938	64.0	36.0
4.50	3.9	2.255	59.5	40.5
5.00	3.5	2.553	55.6	44.4
5.50	3.2	2.834	52.1	47.9
6.00	2.9	3.100	49.0	51.0
6.50	2.7	3.351	46.2	53.8
7.00	2.5	3.590	43.7	56.2
7.50	2.3	3.817	41.5	58.5
8.00	2.2	4.033	39.5	60.5
8.50	2.1	4.240	37.7	62.3
9.00	1.9	4.437	36.0	64.0
9.50	1.8	4.626	34.5	65.5
10.00	1.7	4.807	33.1	66.9
11.00	1.6	5.149	30.6	69.4
12.00	1.5	5.466	28.4	71.6
13.00	1.3	5.762	26.5	73.5
14.00	1.2	6.042	24.9	75.1
15.00	1.2	6.301	23.4	76.6
16.00	1.1	6.547	22.1	77.9
17.00	1.0	6.780	21.0	79.0
18.00	1.0	7.002	19.9	80.1

VSWR	Return Loss (dB)	Transmit Loss (dB)	Power Transmitted (%)	Power Reflected (%)
19.00	.9	7.212	19.0	81.0
20.00	.9	7.413	18.1	81.9
25.00	.7	8.299	14.8	85.2
30.00	.6	9.035	12.5	87.5