



POWER CONVERSION TABLE

dBm	watts	dBm	watts	dBm	watts	dBm	watts
27.0	501 mw	35.4	3.47	43.8	23.99	52.2	166
27.2	525 mw	35.6	3.63	44.0	25.12	52.4	174
27.4	550 mw	35.8	3.80	44.2	26.30	52.6	182
27.6	575 mw	36.0	3.98	44.4	27.54	52.8	191
27.8	603 mw	36.2	4.17	44.6	28.84	53.0	200
28.0	631 mw	36.4	4.37	44.8	30.20	53.2	209
28.2	661 mw	36.6	4.57	45.0	31.62	53.4	219
28.4	692 mw	36.8	4.79	45.2	33.11	53.6	229
28.6	724 mw	37.0	5.01	45.4	34.67	53.8	240
28.8	759 mw	37.2	5.25	45.6	36.31	54.0	251
29.0	794 mw	37.4	5.50	45.8	38.02	54.2	263
29.2	832 mw	37.6	5.75	46.0	39.81	54.4	275
29.4	871 mw	37.8	6.03	46.2	41.69	54.6	288
29.6	912 mw	38.0	6.31	46.4	43.65	54.8	302
29.8	955 mw	38.2	6.61	46.6	45.71	55.0	316
30.0	1.00	38.4	6.92	46.8	47.86	55.2	331
30.2	1.05	38.6	7.24	47.0	50.12	55.4	347
30.4	1.10	38.8	7.59	47.2	52.48	55.6	363
30.6	1.15	39.0	7.94	47.4	54.95	55.8	380
30.8	1.20	39.2	8.32	47.6	57.54	56.0	398
31.0	1.26	39.4	8.71	47.8	60.26	56.2	417
31.2	1.32	39.6	9.12	48.0	63.10	56.4	437
31.4	1.38	39.8	9.55	48.2	66.07	56.6	457
31.6	1.45	40.0	10.0	48.4	69.18	56.8	479
31.8	1.51	40.2	10.47	48.6	72.44	57.0	501
32.0	1.58	40.4	10.96	48.8	75.86	57.2	525
32.2	1.66	40.6	11.48	49.0	79.43	57.4	550
32.4	1.74	40.8	12.02	49.2	83.18	57.6	575
32.6	1.82	41.0	12.59	49.4	87.10	57.8	603
32.8	1.91	41.2	13.18	49.6	91.20	58.0	631
33.0	2.00	41.4	13.18	49.8	95.50	58.2	661
33.2	2.09	41.6	14.45	50.0	100	58.4	692
33.4	2.19	41.8	15.14	50.2	105	58.6	724
33.6	2.29	42.0	15.85	50.4	110	58.8	759
33.8	2.40	42.2	16.60	50.6	115	59.0	794
34.0	2.51	42.4	17.38	50.8	120	59.2	832
34.2	2.63	42.6	18.20	51.0	126	59.4	871
34.4	2.75	42.8	19.05	51.2	132	59.6	912
34.6	2.88	43.0	19.95	51.4	138	59.8	955
34.8	3.02	43.2	20.89	51.6	145	60.0	1000
35.0	3.16	43.4	21.88	51.8	151		
35.2	3.31	43.6	22.91	52.0	158		

EFFECTS OF VSWR ON TRANSMITTED POWER

VSWR	Return Loss	VSWR	Return Loss
1.00	∞	1.52	13.7
1.01	46.1	1.54	13.4
1.02	40.1	1.56	13.2
1.03	36.6	1.58	13.0
1.04	34.2	1.60	12.7
1.05	32.3	1.62	12.5
1.06	30.4	1.64	12.3
1.07	29.4	1.66	12.1
1.08	28.3	1.68	11.9
1.09	27.3	1.70	11.7
1.10	26.4	1.72	11.5
1.11	25.7	1.74	11.4
1.12	24.9	1.76	11.2
1.13	24.3	1.78	11.0
1.14	23.7	1.80	10.9
1.15	23.1	1.82	10.7
1.16	22.6	1.84	10.6
1.17	22.1	1.86	10.4
1.18	21.7	1.88	10.3
1.19	21.2	1.90	10.2
1.20	20.8	1.92	10.0
1.21	20.4	1.94	9.9
1.22	20.1	1.96	9.8
1.23	19.7	1.98	9.7
1.24	19.4	2.00	9.5
1.25	19.1	2.50	7.4
1.26	18.8	3.00	6.0
1.27	18.5	3.50	5.1
1.28	18.2	4.00	4.4
1.29	17.9	4.50	3.9
1.30	17.7	5.00	3.5
1.32	17.2	5.50	3.2
1.34	16.8	6.00	2.9
1.36	16.3	6.50	2.7
1.38	15.9	7.00	2.5
1.40	15.6	7.50	2.3
1.42	15.2	8.00	2.2
1.44	14.9	8.50	2.1
1.46	14.6	9.00	1.9
1.48	14.3	9.50	1.8
1.50	14.0	10.00	1.7