

THE EFFECT OF VSWR ON TRANSMITTED POWER

VSWR	VSWR	Return loss	TRANS. loss	VOLT. REFL.	POWER TRANS.	POWER REFL.	VSWR	VSWR	Return loss	TRANS. loss	VOLT. REFL.	POWER TRANS.	POWER REFL.
	(dB)	(dB)	(dB)	COEFF.	(%)	(%)		(dB)	(dB)	(dB)	COEFF.	(%)	(%)
1.00	.0	∞	.000	.00	100.	.0	1.64	4.3	12.3	.263	.24	94.1	5.9
1.01	.1	46.1	.000	.00	100.	.0	1.66	4.4	12.1	.276	.25	93.8	6.2
1.02	.2	40.1	.000	.01	100.	.0	1.68	4.5	11.9	.289	.25	93.6	6.4
1.03	.3	36.6	.001	.01	100.	.0							
1.04	.3	34.2	.002	.02	100.	.0	1.70	4.6	11.7	.302	.26	93.3	6.7
							1.72	4.7	11.5	.315	.26	93.0	7.0
1.05	.4	32.3	.003	.02	99.9	.1	1.74	4.8	11.4	.329	.27	92.7	7.3
1.06	.5	30.7	.004	.03	99.9	.1	1.76	4.9	11.2	.342	.28	92.4	7.0
1.07	.6	29.4	.005	.03	99.9	.1	1.78	5.0	11.0	.356	.28	92.1	7.9
1.08	.7	28.3	.006	.04	99.9	.1							
1.09	.7	27.3	.008	.04	99.8	.2	1.80	5.1	10.9	.370	.29	91.8	8.2
							1.82	5.2	10.7	.384	.29	91.5	8.5
1.10	.8	26.4	.010	.05	99.8	.2	1.84	5.3	10.6	.398	.30	91.3	8.7
1.11	.9	25.7	.012	.05	99.7	.3	1.86	5.4	10.4	.412	.30	91.0	9.0
1.12	1.0	24.9	.014	.06	99.7	.3	1.88	5.5	10.3	.426	.31	90.7	9.3
1.13	1.1	24.3	.016	.06	99.6	.4							
1.14	1.1	23.7	.019	.07	99.6	.4	1.90	5.6	10.2	.440	.31	90.4	9.6
							1.92	5.7	10.0	.454	.32	90.1	9.9
1.15	1.2	23.1	.021	.07	99.5	.5	1.94	5.8	9.9	.468	.32	89.8	10.2
1.16	1.3	22.6	.024	.07	99.5	.5	1.96	5.8	9.8	.483	.32	89.5	10.5
1.17	1.4	22.1	.027	.08	99.4	.6	1.98	5.9	9.7	.497	.33	89.2	10.8
1.18	1.4	21.7	.030	.08	99.3	.7							
1.19	1.5	21.2	.033	.09	99.2	.8	2.00	6.0	9.5	.512	.33	88.9	11.1
							2.50	8.0	7.4	.881	.43	81.6	18.4
1.20	1.6	20.8	.036	.09	99.2	.8	3.00	9.5	6.0	1.249	.50	75.0	25.0
1.21	1.7	20.4	.039	.10	99.1	.9	3.50	10.9	5.1	1.603	.56	69.1	30.9
1.22	1.7	20.1	.043	.10	99.0	1.0	4.00	12.0	4.4	1.938	.60	64.0	36.0
1.23	1.8	19.7	.046	.10	98.9	1.1							
1.24	1.9	19.4	.050	.11	98.9	1.1	4.50	13.1	3.9	2.255	.64	59.5	40.5
							5.00	14.0	3.5	2.553	.67	55.6	44.4
1.25	1.9	19.1	.054	.11	98.8	1.2	5.50	14.8	3.2	2.834	.69	52.1	47.9
1.26	2.0	18.8	.058	.12	98.7	1.3	6.00	15.6	2.9	3.100	.71	49.0	51.0
1.27	2.1	18.5	.062	.12	98.6	1.4	6.50	16.3	2.7	3.351	.73	46.2	53.8
1.28	2.1	18.2	.066	.12	98.5	1.5							





深圳市翔宇通讯技术有限公司
XiangYu Communication Co., Ltd.

1. 29	2. 2	17. 9	. 070	. 13	98. 4	1. 6	7. 00	16. 9	2. 5	3. 590	. 75	43. 7	56. 2
							7. 50	17. 5	2. 3	3. 817	. 76	41. 5	58. 5
1. 30	2. 3	17. 7	. 075	. 13	98. 3	1. 7	8. 00	18. 1	2. 2	4. 033	. 78	39. 5	60. 5
1. 32	2. 4	17. 2	. 083	. 14	98. 1	1. 9	8. 50	18. 6	2. 1	4. 240	. 79	37. 7	62. 3
1. 34	2. 5	16. 8	. 093	. 15	97. 9	2. 1	9. 00	19. 1	1. 9	4. 437	. 80	36. 0	64. 0
1. 36	2. 7	16. 3	. 102	. 15	97. 7	2. 3							
1. 38	2. 8	15. 9	. 112	. 16	97. 5	2. 5	9. 50	19. 6	1. 8	4. 626	. 81	34. 5	65. 5
							10. 00	20. 0	1. 7	4. 807	. 82	33. 1	66. 9
1. 40	2. 9	15. 6	. 122	. 17	97. 2	2. 8	11. 00	20. 8	1. 6	5. 149	. 83	30. 6	69. 4
1. 42	3. 0	15. 2	. 133	. 17	97. 0	3. 0	12. 00	21. 6	1. 5	5. 466	. 85	28. 4	71. 6
1. 44	3. 2	14. 9	. 144	. 18	96. 7	3. 3	13. 00	22. 3	1. 3	5. 762	. 86	26. 5	73. 5
1. 46	3. 3	14. 6	. 155	. 19	96. 5	3. 5							
1. 48	3. 4	14. 3	. 166	. 19	96. 3	3. 7	14. 00	22. 9	1. 2	6. 040	. 87	24. 9	75. 1
							15. 00	23. 5	1. 2	6. 301	. 88	23. 4	76. 6
1. 50	3. 5	14. 0	. 177	. 20	96. 0	4. 0	16. 00	24. 1	1. 1	6. 547	. 88	22. 1	77. 9
1. 52	3. 6	13. 7	. 189	. 21	95. 7	4. 3	17. 00	24. 6	1. 0	6. 780	. 89	21. 0	79. 0
1. 54	3. 8	13. 4	. 201	. 21	95. 5	4. 5	18. 00	25. 1	1. 0	7. 002	. 89	19. 9	80. 1
1. 56	3. 9	13. 2	. 213	. 22	95. 2	4. 8							
1. 58	4. 0	13. 0	. 225	. 22	94. 9	5. 1	19. 00	25. 6	. 9	7. 212	. 90	19. 0	81. 0
							20. 00	26. 0	. 9	7. 413	. 90	18. 1	81. 9
1. 60	4. 1	12. 7	. 238	. 23	94. 7	5. 3	25. 00	28. 0	. 7	8. 299	. 92	14. 8	85. 2
1. 62	4. 2	12. 5	. 250	. 24	94. 4	5. 6	30. 00	29. 5	. 6	9. 035	. 94	12. 5	87. 5



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