TRANSTECH

Tel: 07 83 13 40 36
Email: info@transtech-technologies.com

dBm & Watt

$$P(dBm) = 10\log\frac{P(mW)}{1(mW)}$$

dBm	mW	dBm	mW	dBm	mW	dBm	mW	dBm	mW	dBm	mW	dBm	mW	dBm	mW	dBm	mW
0.0	1.00	3.0	2.00	6.0	3.98	9.0	7.94	12.0	15.8	15.0	31.6	18.0	63.1	21.0	126	24.0	251	27.0	501
0.1	1.02	3.1	2.04	6.1	4.07	9.1	8.13	12.1	16.2	15.1	32.4	18.1	64.6	21.1	129	24.1	257	27.1	513
0.2	1.05	3.2	2.09	6.2	4.17	9.2	8.32	12.2	16.6	15.2	33.1	18.2	66.1	21.2	132	24.2	263	27.2	525
0.3	1.07	3.3	2.14	6.3	4.27	9.3	8.51	12.3	17.0	15.3	33.9	18.3	67.6	21.3	135	24.3	269	27.3	537
0.4	1.10	3.4	2.19	6.4	4.37	9.4	8.71	12.4	17.4	15.4	34.7	18.4	69.2	21.4	138	24.4	275	27.4	550
0.5	1.12	3.5	2.24	6.5	4.47	9.5	8.91	12.5	17.8	15.5	35.5	18.5	70.8	21.5	141	24.5	282	27.5	562
0.6	1.15	3.6	2.29	6.6	4.57	9.6	9.12	12.6	18.2	15.6	36.3	18.6	72.4	21.6	145	24.6	288	27.6	575
0.7	1.17	3.7	2.34	6.7	4.68	9.7	9.33	12.7	18.6	15.7	37.2	18.7	74.1	21.7	148	24.7	295	27.7	589
0.8	1.20	3.8	2.40	6.8	4.79	9.8	9.55	12.8	19.1	15.8	38.0	18.8	75.9	21.8	151	24.8	302	27.8	603
0.9	1.23	3.9	2.45	6.9	4.90	9.9	9.77	12.9	19.5	15.9	38.9	18.9	77.6	21.9	155	24.9	309	27.9	617
1.0	1.26	4.0	2.51	7.0	5.01	10.0	10.0	13.0	20.0	16.0	39.8	19.0	79.4	22.0	158	25.0	316	28.0	631
1.1	1.29	4.1	2.57	7.1	5.13	10.1	10.2	13.1	20.4	16.1	40.7	19.1	81.3	22.1	162	25.1	324	28.1	646
1.2	1.32	4.2	2.63	7.2	5.25	10.2	10.5	13.2	20.9	16.2	41.7	19.2	83.2	22.2	166	25.2	331	28.2	661
1.3	1.35	4.3	2.69	7.3	5.37	10.3	10.7	13.3	21.4	16.3	42.7	19.3	85.1	22.3	170	25.3	339	28.3	676
1.4	1.38	4.4	2.75	7.4	5.50	10.4	11.0	13.4	21.9	16.4	43.7	19.4	87.1	22.4	174	25.4	347	28.4	692
1.5	1.41	4.5	2.82	7.5	5.62	10.5	11.2	13.5	22.4	16.5	44.7	19.5	89.1	22.5	178	25.5	355	28.5	708
1.6	1.45	4.6	2.88	7.6	5.75	10.6	11.5	13.6	22.9	16.6	45.7	19.6	91.2	22.6	182	25.6	363	28.6	724
1.7	1.48	4.7	2.95	7.7	5.89	10.7	11.7	13.7	23.4	16.7	46.8	19.7	93.3	22.7	186	25.7	372	28.7	741
1.8	1.51	4.8	3.02	7.8	6.03	10.8	12	13.8	24.0	16.8	47.9	19.8	95.5	22.8	191	25.8	380	28.8	759
1.9	1.55	4.9	3.09	7.9	6.17	10.9	12.3	13.9	24.5	16.9	49.0	19.9	97.7	22.9	195	25.9	389	28.9	776
2.0	1.58	5.0	3.16	8.0	6.31	11.0	12.6	14.0	25.1	17.0	50.1	20.0	100	23.0	200	26.0	398	29.0	794
2.1	1.62	5.1	3.24	8.1	6.46	11.1	12.9	14.1	25.7	17.1	51.3	20.1	102	23.1	204	26.1	407	29.1	813
2.2	1.66	5.2	3.31	8.2	6.61	11.2	13.2	14.2	26.3	17.2	52.5	20.2	105	23.2	209	26.2	417	29.2	832
2.3	1.70	5.3	3.39	8.3	6.76	11.3	13.5	14.3	26.9	17.3	53.7	20.3	107	23.3	214	26.3	427	29.3	851
2.4	1.74	5.4	3.47	8.4	6.92	11.4	13.8	14.4	27.5	17.4	55.0	20.4	110	23.4	219	26.4	437	29.4	871
2.5	1.78	5.5	3.55	8.5	7.08	11.5	14.1	14.5	28.2	17.5	56.2	20.5	112	23.5	224	26.5	447	29.5	891
2.6	1.82	5.6	3.63	8.6	7.24	11.6	14.5	14.6	28.8	17.6	57.5	20.6	115	23.6	229	26.6	457	29.6	912
2.7	1.86	5.7	3.72	8.7	7.41	11.7	14.8	14.7	29.5	17.7	58.9	20.7	117	23.7	234	26.7	468	29.7	933
2.8	1.91	5.8	3.80	8.8	7.59	11.8	15.1	14.8	30.2	17.8	60.3	20.8	120	23.8	240	26.8	479	29.8	955
2.9	1.95	5.9	3.89	8.9	7.76	11.9	15.5	14.9	30.9	17.9	61.7	20.9	123	23.9	245	26.9	490	29.9	977

dBm	W	dBm	W	dBm	W	dBm	W	dBm	W	dBm	W
30.0	1	32.0	1.58	34.0	2.51	36.0	3.98	38.0	6.31	40.0	10.0
30.1	1.02	32.1	1.62	34.1	2.57	36.1	4.07	38.1	6.46	43.0	20.0
30.2	1.05	32.2	1.66	34.2	2.63	36.2	4.17	38.2	6.61	44.8	30.2
30.3	1.07	32.3	1.70	34.3	2.69	36.3	4.27	38.3	6.76	46.1	40.7
30.4	1.1	32.4	1.74	34.4	2.75	36.4	4.37	38.4	6.92	47.1	50.1
30.5	1.12	32.5	1.78	34.5	2.82	36.5	4.47	38.5	7.08	47.8	60.3
30.6	1.15	32.6	1.82	34.6	2.88	36.6	4.57	38.6	7.24	48.8	75.9
30.7	1.17	32.7	1.86	34.7	2.95	36.7	4.68	38.7	7.41	50.0	100
30.8	1.20	32.8	1.91	34.8	3.02	36.8	4.79	38.8	7.59	53	200
30.9	1.23	32.9	1.95	34.9	3.09	36.9	4.90	38.9	7.76	57	500
31.0	1.26	33.0	2.00	35.0	3.16	37.0	5.01	39.0	7.94	60	1000
31.1	1.29	33.1	2.04	35.1	3.24	37.1	5.13	39.1	8.13		
31.2	1.32	33.2	2.09	35.2	3.31	37.2	5.25	39.2	8.32		
31.3	1.35	33.3	2.14	35.3	3.39	37.3	5.37	39.3	8.51		
31.4	1.38	33.4	2.19	35.4	3.47	37.4	5.50	39.4	8.71		
31.5	1.41	33.5	2.24	35.5	3.55	37.5	5.62	39.5	8.91		
31.6	1.45	33.6	2.29	35.6	3.63	37.6	5.75	39.6	9.12		
31.7	1.48	33.7	2.34	35.7	3.72	37.7	5.89	39.7	9.33		
31.8	1.51	33.8	2.40	35.8	3.80	37.8	6.03	39.8	9.55		
31.9	1.55	33.9	2.45	35.9	3.89	37.9	6.17	39.9	9.77		