

Handy dB Reference Table

dB / dBu	dBV	Vrms	Vpk	Vp-p	I-600	P-600	Vratio	Pratio	Definitions
									dBu = dB re 0.775V open ckt dBV = dB re 1.0V open ckt dBm = dBu re 1.0 mw/600 Ω Vrms = 0.707 Vpk Vpk = peak volts Vp-p =-peak-to-peak volts I-600 = mA / 600 Ω P-600 = mW / 600 Ω Vratio = voltage ratio Pratio = power ratio
30	27.78	24.50	34.65	69.31	0.0408	1.00	31.62	1000.00	
29	26.78	21.84	30.89	61.77	0.0364	0.7950	28.18	794.33	
28	25.78	19.46	27.53	55.05	0.0324	0.6315	25.12	630.96	
27	24.78	17.35	24.53	49.07	0.0289	0.5016	22.39	501.19	
26	23.78	15.46	21.87	43.73	0.0258	0.3984	19.95	398.11	
25	22.78	13.78	19.49	38.98	0.0230	0.3165	17.78	316.23	
24	21.78	12.28	17.37	34.74	0.0205	0.2514	15.85	251.19	
23	20.78	10.95	15.48	30.96	0.0182	0.1997	14.13	199.53	
22	19.78	9.76	13.80	27.59	0.0163	0.1586	12.59	158.49	
21	18.78	8.69	12.30	24.59	0.0145	0.1260	11.22	125.89	
20	17.78	7.75	10.96	21.92	0.0129	0.1001	10.00	100.00	
19	16.78	6.91	9.77	19.53	0.0115	0.0795	8.91	79.43	
18	15.78	6.16	8.70	17.41	0.0103	0.0631	7.94	63.10	
17	14.78	5.49	7.76	15.52	0.0091	0.0502	7.08	50.12	
16	13.78	4.89	6.91	13.83	0.0081	0.0398	6.31	39.81	
15	12.78	4.36	6.16	12.33	0.0073	0.0316	5.62	31.62	
14	11.78	3.88	5.49	10.98	0.0065	0.0251	5.01	25.12	
13	10.78	3.46	4.90	9.79	0.0058	0.0200	4.47	19.95	
12.22	10.00	3.162	4.47	8.94	0.0053	0.0167	4.08	16.65	
12	9.78	3.08	4.36	8.73	0.0051	0.0159	3.98	15.85	
11	8.78	2.75	3.89	7.78	0.0046	0.0126	3.55	12.59	
10	7.78	2.45	3.47	6.93	0.0041	0.0100	3.16	10.00	
9	6.78	2.18	3.09	6.18	0.0036	0.0079	2.82	7.94	
8	5.78	1.95	2.75	5.51	0.0032	0.0063	2.51	6.31	
7	4.78	1.73	2.45	4.91	0.0029	0.0050	2.24	5.01	
6	3.78	1.55	2.19	4.37	0.0026	0.0040	2.00	3.98	
5	2.78	1.38	1.95	3.90	0.0023	0.0032	1.78	3.16	
4	1.78	1.23	1.74	3.47	0.0020	0.0025	1.58	2.51	
3	0.78	1.09	1.55	3.10	0.0018	0.0020	1.41	2.00	
2.22	0.00	1.000	1.41	2.83	0.0017	0.0017	1.29	1.67	
2	-0.22	0.976	1.380	2.76	0.0016	0.0016	1.26	1.58	
1	-1.22	0.869	1.230	2.46	0.0014	0.0013	1.12	1.26	
0	-2.22	0.775	1.096	2.19	0.0013	0.0010	1.00	1.00	
-1	-3.22	0.691	0.977	1.95	0.0012	795.0E-6	0.8913	0.7943	
-2	-4.22	0.616	0.870	1.74	0.0010	631.5E-6	0.7943	0.6310	
-3	-5.22	0.549	0.776	1.55	914.3E-6	501.6E-6	0.7079	0.5012	
-4	-6.22	0.489	0.691	1.38	814.9E-6	398.4E-6	0.6310	0.3981	
-5	-7.22	0.436	0.616	1.23	726.3E-6	316.5E-6	0.5623	0.3162	
-6	-8.22	0.388	0.549	1.10	647.3E-6	251.4E-6	0.5012	0.2512	
-7	-9.22	0.346	0.490	0.979	576.9E-6	199.7E-6	0.4467	0.1995	
-7.78	-10.00	0.316	0.447	0.894	527.0E-6	166.7E-6	0.4081	0.1665	
-8	-10.22	0.308	0.436	0.873	514.2E-6	158.6E-6	0.3981	0.1585	
-9	-11.22	0.275	0.389	0.778	458.2E-6	126.0E-6	0.3548	0.1259	
-10	-12.22	0.245	0.347	0.693	408.4E-6	100.1E-6	0.3162	0.1000	
-11	-13.22	0.218	0.309	0.618	364.0E-6	79.5E-6	0.2818	0.0794	
-12	-14.22	0.195	0.275	0.551	324.4E-6	63.1E-6	0.2512	0.0631	
-13	-15.22	0.173	0.245	0.491	289.1E-6	50.2E-6	0.2239	0.0501	
-14	-16.22	0.155	0.219	0.437	257.7E-6	39.8E-6	0.1995	0.0398	
-15	-17.22	0.138	0.195	0.390	229.7E-6	31.6E-6	0.1778	0.0316	
-16	-18.22	0.123	0.174	0.347	204.7E-6	25.1E-6	0.1585	0.0251	
-17	-19.22	0.109	0.155	0.310	182.4E-6	20.0E-6	0.1413	0.0200	
-18	-20.22	0.098	0.138	0.276	162.6E-6	15.9E-6	0.1259	0.0158	
-19	-21.22	0.087	0.123	0.246	144.9E-6	12.6E-6	0.1122	0.0126	
-20	-22.22	0.077	0.110	0.219	129.2E-6	10.0E-6	0.1000	0.0100	
-22	-24.22	0.062	0.087	0.174	102.6E-6	6.3E-6	0.0794	0.0063	
-24	-26.22	0.049	0.069	0.138	81.5E-6	4.0E-6	0.0631	0.0040	
-26	-28.22	0.039	0.055	0.110	64.7E-6	2.5E-6	0.0501	0.0025	
-28	-30.22	0.031	0.044	0.087	51.4E-6	1.6E-6	0.0398	0.0016	
-30	-32.22	0.025	0.035	0.069	40.8E-6	1.0E-6	0.0316	0.0010	
-40	-42.22	0.008	0.011	0.022	12.9E-6	100.1E-9	0.0100	100.0E-6	
-50	-52.22	0.002	0.003	0.007	4.1E-6	10.0E-9	0.0032	10.0E-6	
-60	-62.22	0.001	0.001	0.002	1.3E-6	1.0E-9	0.0010	1.0E-6	