

Keysight N6850A Broadband Omnidirectional Antenna

Version 1.0.0

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Freq (MHz)	Avg. Gain all space	AF(dBm ⁻¹)
20	-55.14037472	51.39
25	-50.62436811	48.81
30	-46.93452204	46.71
35	-43.81480165	44.93
40	-41.11237692	43.38
45	-38.72866937	42.02
50	-36.59637031	40.80
55	-34.66747118	39.70
60	-32.90652425	38.70
66	-31.231938	37.85
68	-30.70739	37.59
70	-29.975892	37.11
72	-29.127771	36.50
74	-28.409475	36.02
76	-28.390815	36.24
78	-28.200476	36.27
80	-27.622432	35.91
82	-26.77074	35.28
84	-26.091566	34.81
86	-25.840025	34.76
88	-25.553587	34.67
90	-24.94791	34.26
92	-24.236068	33.74
94	-23.772298	33.46
96	-23.52297	33.40
98	-23.142708	33.20
100	-22.498786	32.73
102	-21.901363	32.30
104	-21.523642	32.09
106	-21.287736	32.02
108	-20.854856	31.75
110	-20.303911	31.36
112	-19.93987	31.15
114	-19.770073	31.14
116	-19.508673	31.03
118	-19.131588	30.80
120	-18.866321	30.68
122	-18.8658	30.82
124	-18.886809	30.98
126	-18.57358	30.81

128	-18.129249	30.50
130	-17.865399	30.37
132	-17.771433	30.41
134	-17.559572	30.33
136	-17.130631	30.03
138	-16.523569	29.55
140	-16.12548	29.28
142	-15.911112	29.19
144	-15.582463	28.98
146	-15.054172	28.57
148	-14.521647	28.16
150	-14.272649	28.02
152	-14.137383	28.00
154	-13.779828	27.76
156	-13.212285	27.30
158	-12.747633	26.95
160	-12.544639	26.86
162	-12.422414	26.84
164	-12.079596	26.61
166	-11.662893	26.29
168	-11.461992	26.20
170	-11.449878	26.29
172	-11.331057	26.27
174	-11.016556	26.06
176	-10.79578	25.94
178	-10.841116	26.08
180	-10.866148	26.20
182	-10.598913	26.03
184	-10.185583	25.71
186	-10.042524	25.66
188	-10.18081	25.89
190	-10.159832	25.96
192	-9.761257	25.66
194	-9.255163	25.24
196	-9.149571	25.22
198	-9.34241	25.50
200	-9.306576	25.56
202	-8.845839	25.18
204	-8.364591	24.79
206	-8.318079	24.82
208	-8.52416	25.11
210	-8.513754	25.19
212	-8.134431	24.89
214	-7.757764	24.60
216	-7.662082	24.58
218	-7.657832	24.66
220	-7.456789	24.53

222	-7.03106	24.19
224	-6.85419	24.09
226	-6.619383	23.93
228	-6.635881	24.02
230	-6.470202	23.93
232	-6.158194	23.70
234	-6.004583	23.62
236	-5.954986	23.64
238	-5.803776	23.56
240	-5.511107	23.34
242	-5.347951	23.25
244	-5.381068	23.36
246	-5.444002	23.49
248	-5.362307	23.48
250	-5.181679	23.37
252	-4.825432	23.08
254	-4.986506	23.31
256	-4.957811	23.35
258	-4.621689	23.08
260	-4.296192	22.82
262	-4.283622	22.88
264	-4.439512	23.10
266	-4.397512	23.12
268	-4.129104	22.92
270	-3.927618	22.78
272	-3.941374	22.86
274	-4.002669	22.99
276	-3.884876	22.93
278	-3.663662	22.77
280	-3.576163	22.75
282	-3.659514	22.89
284	-3.723397	23.02
286	-3.649083	23.01
288	-3.52229	22.94
290	-3.524706	23.00
292	-3.609505	23.15
294	-3.606787	23.20
296	-3.475316	23.13
298	-3.337267	23.05
300	-3.33657	23.11
302	-3.417309	23.25
304	-3.39413	23.28
306	-3.24151	23.19
308	-3.073239	23.07
310	-3.041318	23.10
312	-3.107454	23.22
314	-3.116238	23.28

316	-3.026037	23.25
318	-2.921777	23.20
320	-2.900323	23.23
322	-2.944902	23.33
324	-2.960652	23.40
326	-2.910837	23.40
328	-2.879398	23.43
330	-2.913614	23.51
332	-2.98819	23.64
334	-3.079731	23.78
336	-3.173227	23.93
338	-3.242453	24.05
340	-3.294763	24.15
342	-3.357302	24.27
344	-3.419787	24.38
346	-3.47049	24.48
348	-3.482782	24.54
350	-3.475606	24.59
352	-3.486297	24.65
354	-3.535745	24.74
356	-3.559958	24.82
358	-3.509046	24.82
360	-3.435544	24.79
362	-3.438482	24.84
364	-3.544608	25.00
366	-3.627542	25.13
368	-3.577608	25.12
370	-3.443138	25.04
372	-3.408619	25.05
374	-3.524362	25.21
376	-3.691761	25.42
378	-3.714561	25.49
380	-3.612432	25.44
382	-3.586587	25.46
384	-3.704894	25.62
386	-3.861437	25.82
388	-3.912473	25.92
390	-3.860074	25.91
392	-3.847097	25.94
394	-3.937422	26.08
396	-4.049463	26.23
398	-4.082857	26.31
400	-4.09820143	26.37
450	-4.723756354	28.02
500	-4.075832968	28.28
550	-2.083451082	27.12
600	-0.920996192	26.71

650	-0.852577513	27.34
700	-0.592027446	27.72
750	-0.618918496	28.35
800	-0.402883148	28.69
850	-0.184566339	29.00
900	-0.322443631	29.64
950	-0.496858515	30.28
1000	-0.235611567	30.46
1050	-1.454109189	32.11
1100	-1.133273502	32.19
1150	-1.20665666	32.65
1200	-1.01418779	32.83
1250	-1.037818539	33.21
1300	-1.442950095	33.95
1350	-1.65222319	34.49
1400	-1.488004915	34.64
1450	-1.337303862	34.79
1500	-0.973032246	34.72
1550	-0.826458478	34.86
1600	-0.550756108	34.86
1650	-0.64134817	35.22
1700	-0.720603398	35.56
1750	-0.863569533	35.95
1800	-0.881236638	36.22
1850	-0.951920764	36.52
1900	-1.195913487	37.00
1950	-1.176946612	37.21
2000	-1.211848068	37.46
2050	-1.337349665	37.80
2100	-1.283053407	37.96
2150	-1.410727638	38.29
2200	-1.336149318	38.41
2250	-1.130651584	38.40
2300	-0.934531309	38.40
2350	-0.817580179	38.47
2400	-0.975770418	38.81
2450	-0.928624117	38.94
2500	-0.741071573	38.93
2550	-0.823708672	39.18
2600	-0.854692321	39.38
2650	-0.852010883	39.55
2700	-0.880941684	39.74
2750	-1.003262626	40.02
2800	-1.015363101	40.19
2850	-0.987903765	40.31
2900	-0.814656892	40.29
2950	-0.829412513	40.45

3000	-0.881980863	40.65
3050	-0.926717609	40.84
3100	-0.929005354	40.99
3150	-1.061453738	41.26
3200	-1.139229085	41.47
3250	-1.26858801	41.74
3300	-1.384565836	41.98
3350	-1.496049638	42.23
3400	-1.506338382	42.36
3450	-1.500207443	42.49
3500	-1.393969523	42.50
3550	-1.200509289	42.43
3600	-1.138834312	42.49
3650	-1.245211105	42.72
3700	-1.195966913	42.79
3750	-1.160907896	42.87
3800	-1.347284896	43.17
3850	-1.472432274	43.41
3900	-1.638203191	43.69
3950	-1.554703368	43.72
4000	-1.595310981	43.87
4050	-1.613000902	43.99
4100	-1.475170177	43.96
4150	-1.648236995	44.24
4200	-1.678128529	44.37
4250	-1.797663926	44.59
4300	-1.74292024	44.64
4350	-1.683568564	44.68
4400	-1.806382348	44.90
4450	-1.734341964	44.93
4500	-1.609691943	44.90
4550	-1.340412685	44.73
4600	-1.036599251	44.52
4650	-1.173708746	44.75
4700	-1.402055431	45.07
4750	-1.667775277	45.43
4800	-1.853793842	45.71
4850	-1.944967017	45.89
4900	-1.933789008	45.97
4950	-1.888606019	46.01
5000	-1.724274605	45.93
5050	-1.722598993	46.02
5100	-1.623454567	46.00
5150	-1.776407436	46.24
5200	-1.86832222	46.42
5250	-1.843855473	46.48
5300	-1.840660138	46.56

5350	-1.544953662	46.34
5400	-1.432383411	46.31
5450	-1.365012432	46.32
5500	-1.300847174	46.34
5550	-1.370749953	46.49
5600	-1.397208069	46.59
5650	-1.543327564	46.81
5700	-1.483120958	46.83
5750	-1.305982869	46.73
5800	-1.278805198	46.78
5850	-1.24548128	46.82
5900	-1.189335609	46.84
5950	-1.274226556	46.99
6000	-1.443193641	47.24