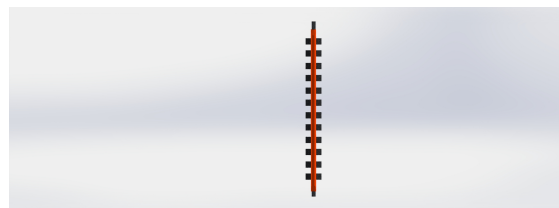


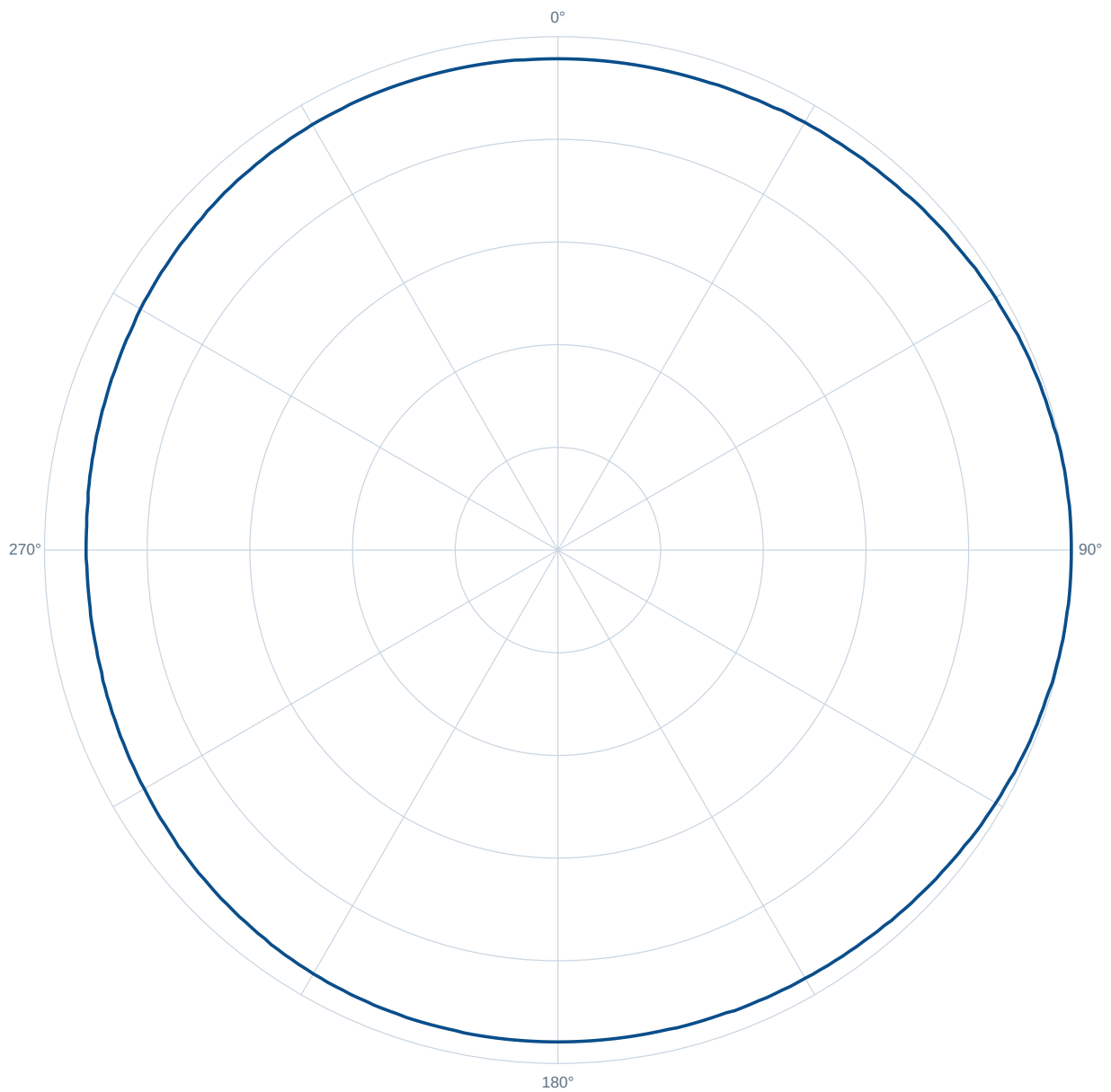
UHF broadcast antenna with Circular or Elliptical polarization, optimized for up to 3 adjacent channels, suitable for digital or mixed digital/analog transmission. Features variable omnidirectional, cardioid, or directional diagrams with electric tilt/null fill options. Designed for side or top tower installation, it boasts a durable brass/copper structure with silver-plated internal connections, anticorrosive white epoxy finish, and a protective radome, with optional pressurization.



Características elétricas

Item	Valor
Ganho cadastrado (referência)	0.00 dBd
HPBW horizontal	359.00°
HPBW vertical	46.81°
Faixa de frequência	470.00 – 806.00 MHz
Polarização	horizontal
Fabricante	EFTX Broadcast & Telecom
Categoria	TV
Frequency Range	470 to 806 MHz (Channels 14-69)
Bandwidth	6, 12, or 18 MHz
Impedance	50 ohms
VSWR	<1.1:1
Input Connector Types	N-Female, DIN 7 1/16", EIA 7/8", EIA 1 5/8", EIA 3 1/8", EIA 4 1/16"
Max Input Power (Analog)	0.3 kW (N-Female, 1 Fenda) to 30.0 kW (EIA 4 1/16", 4-16 Fendas)
Max Input Power (Digital)	0.15 kW (N-Female, 1 Fenda) to 15.0 kW (EIA 4 1/16", 4-16 Fendas)
Electrical Protection	Via antenna structure





Parâmetros da configuração

HPBW HORIZONTAL

359.00°

GANHO

0.00 dBd

FRENTE/COSTAS

0.59 dB

RIPPLE

0.74 dB

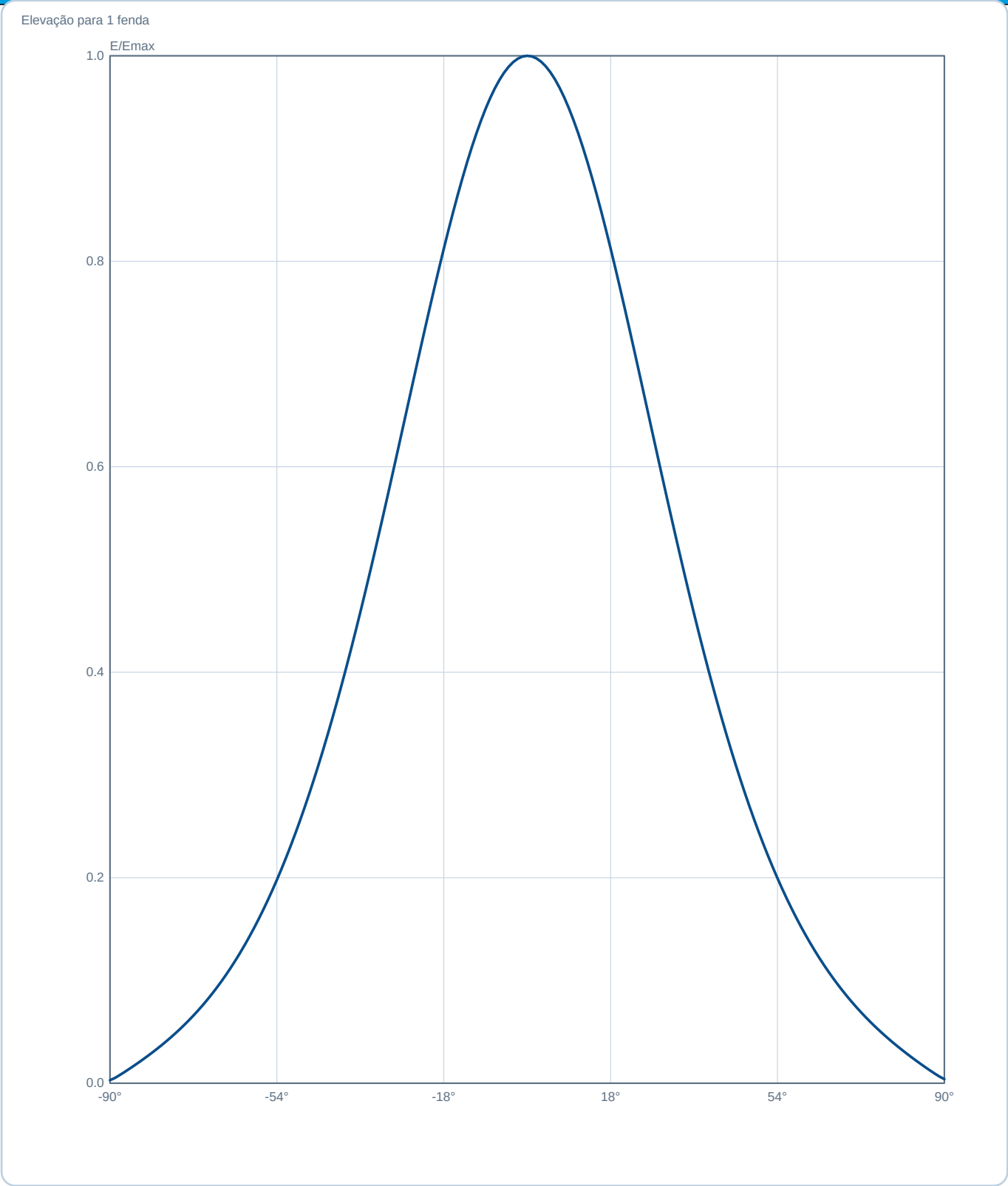
Tabela completa - Azimute



ASCLN - Azimute Omnidirecional

Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB
0°	0.9570	0.38	73°	0.9940	0.05	146°	0.9650	0.31	219°	0.9470	0.47	292°	0.9310	0.62
1°	0.9570	0.38	74°	0.9940	0.05	147°	0.9650	0.31	220°	0.9460	0.48	293°	0.9320	0.61
2°	0.9570	0.38	75°	0.9950	0.04	148°	0.9640	0.32	221°	0.9460	0.48	294°	0.9330	0.60
3°	0.9570	0.38	76°	0.9950	0.04	149°	0.9640	0.32	222°	0.9450	0.49	295°	0.9340	0.59
4°	0.9570	0.38	77°	0.9970	0.03	150°	0.9630	0.33	223°	0.9440	0.50	296°	0.9350	0.58
5°	0.9570	0.38	78°	0.9970	0.03	151°	0.9630	0.33	224°	0.9440	0.50	297°	0.9350	0.58
6°	0.9570	0.38	79°	0.9980	0.02	152°	0.9630	0.33	225°	0.9430	0.51	298°	0.9360	0.57
7°	0.9570	0.38	80°	0.9980	0.02	153°	0.9620	0.34	226°	0.9420	0.52	299°	0.9380	0.56
8°	0.9570	0.38	81°	0.9990	0.01	154°	0.9620	0.34	227°	0.9410	0.53	300°	0.9390	0.55
9°	0.9570	0.38	82°	0.9990	0.01	155°	0.9620	0.34	228°	0.9410	0.53	301°	0.9400	0.54
10°	0.9570	0.38	83°	0.9990	0.01	156°	0.9610	0.35	229°	0.9400	0.54	302°	0.9400	0.54
11°	0.9570	0.38	84°	0.9990	0.01	157°	0.9610	0.35	230°	0.9390	0.55	303°	0.9410	0.53
12°	0.9570	0.38	85°	1.0000	-0.00	158°	0.9610	0.35	231°	0.9380	0.56	304°	0.9420	0.52
13°	0.9570	0.38	86°	1.0000	-0.00	159°	0.9610	0.35	232°	0.9380	0.56	305°	0.9430	0.51
14°	0.9570	0.38	87°	1.0000	-0.00	160°	0.9590	0.36	233°	0.9360	0.57	306°	0.9430	0.51
15°	0.9570	0.38	88°	1.0000	-0.00	161°	0.9590	0.36	234°	0.9350	0.58	307°	0.9440	0.50
16°	0.9570	0.38	89°	1.0000	-0.00	162°	0.9590	0.36	235°	0.9340	0.59	308°	0.9450	0.49
17°	0.9570	0.38	90°	1.0000	-0.00	163°	0.9590	0.36	236°	0.9340	0.59	309°	0.9460	0.48
18°	0.9570	0.38	91°	1.0000	-0.00	164°	0.9590	0.36	237°	0.9330	0.60	310°	0.9460	0.48
19°	0.9580	0.37	92°	1.0000	-0.00	165°	0.9590	0.36	238°	0.9320	0.61	311°	0.9470	0.47
20°	0.9580	0.37	93°	1.0000	-0.00	166°	0.9590	0.36	239°	0.9310	0.62	312°	0.9480	0.46
21°	0.9580	0.37	94°	1.0000	-0.00	167°	0.9580	0.37	240°	0.9300	0.63	313°	0.9480	0.46
22°	0.9580	0.37	95°	1.0000	-0.00	168°	0.9580	0.37	241°	0.9300	0.63	314°	0.9500	0.45
23°	0.9580	0.37	96°	1.0000	-0.00	169°	0.9580	0.37	242°	0.9290	0.64	315°	0.9500	0.45
24°	0.9590	0.36	97°	0.9990	0.01	170°	0.9580	0.37	243°	0.9280	0.65	316°	0.9510	0.44
25°	0.9590	0.36	98°	0.9990	0.01	171°	0.9580	0.37	244°	0.9280	0.65	317°	0.9520	0.43
26°	0.9590	0.36	99°	0.9990	0.01	172°	0.9580	0.37	245°	0.9270	0.66	318°	0.9520	0.43
27°	0.9610	0.35	100°	0.9990	0.01	173°	0.9580	0.37	246°	0.9260	0.67	319°	0.9530	0.42
28°	0.9610	0.35	101°	0.9980	0.02	174°	0.9580	0.37	247°	0.9260	0.67	320°	0.9530	0.42
29°	0.9610	0.35	102°	0.9980	0.02	175°	0.9580	0.37	248°	0.9250	0.68	321°	0.9530	0.42
30°	0.9620	0.34	103°	0.9970	0.03	176°	0.9580	0.37	249°	0.9240	0.69	322°	0.9540	0.41
31°	0.9620	0.34	104°	0.9970	0.03	177°	0.9580	0.37	250°	0.9240	0.69	323°	0.9540	0.41
32°	0.9630	0.33	105°	0.9970	0.03	178°	0.9580	0.37	251°	0.9230	0.70	324°	0.9550	0.40
33°	0.9630	0.33	106°	0.9950	0.04	179°	0.9580	0.37	252°	0.9230	0.70	325°	0.9550	0.40
34°	0.9630	0.33	107°	0.9940	0.05	180°	0.9580	0.37	253°	0.9220	0.71	326°	0.9550	0.40
35°	0.9640	0.32	108°	0.9940	0.05	181°	0.9580	0.37	254°	0.9220	0.71	327°	0.9560	0.39
36°	0.9640	0.32	109°	0.9930	0.06	182°	0.9580	0.37	255°	0.9200	0.72	328°	0.9560	0.39
37°	0.9650	0.31	110°	0.9930	0.06	183°	0.9580	0.37	256°	0.9200	0.72	329°	0.9560	0.39
38°	0.9660	0.30	111°	0.9920	0.07	184°	0.9580	0.37	257°	0.9200	0.72	330°	0.9570	0.38
39°	0.9660	0.30	112°	0.9920	0.07	185°	0.9580	0.37	258°	0.9190	0.73	331°	0.9570	0.38
40°	0.9670	0.29	113°	0.9910	0.08	186°	0.9580	0.37	259°	0.9190	0.73	332°	0.9570	0.38
41°	0.9670	0.29	114°	0.9900	0.09	187°	0.9580	0.37	260°	0.9190	0.73	333°	0.9570	0.38
42°	0.9680	0.28	115°	0.9890	0.10	188°	0.9580	0.37	261°	0.9190	0.73	334°	0.9570	0.38
43°	0.9690	0.27	116°	0.9890	0.10	189°	0.9580	0.37	262°	0.9190	0.73	335°	0.9580	0.37
44°	0.9690	0.27	117°	0.9870	0.11	190°	0.9580	0.37	263°	0.9180	0.74	336°	0.9580	0.37
45°	0.9710	0.26	118°	0.9860	0.12	191°	0.9580	0.37	264°	0.9180	0.74	337°	0.9580	0.37
46°	0.9720	0.25	119°	0.9860	0.12	192°	0.9570	0.38	265°	0.9180	0.74	338°	0.9580	0.37
47°	0.9730	0.24	120°	0.9850	0.13	193°	0.9570	0.38	266°	0.9180	0.74	339°	0.9580	0.37
48°	0.9730	0.24	121°	0.9840	0.14	194°	0.9570	0.38	267°	0.9180	0.74	340°	0.9580	0.37
49°	0.9740	0.23	122°	0.9830	0.15	195°	0.9570	0.38	268°	0.9180	0.74	341°	0.9580	0.37
50°	0.9750	0.22	123°	0.9830	0.15	196°	0.9570	0.38	269°	0.9190	0.73	342°	0.9580	0.37
51°	0.9760	0.21	124°	0.9820	0.16	197°	0.9570	0.38	270°	0.9190	0.73	343°	0.9580	0.37
52°	0.9760	0.21	125°	0.9810	0.17	198°	0.9570	0.38	271°	0.9190	0.73	344°	0.9580	0.37
53°	0.9770	0.20	126°	0.9790	0.18	199°	0.9560	0.39	272°	0.9190	0.73	345°	0.9580	0.37
54°	0.9780	0.19	127°	0.9790	0.18	200°	0.9560	0.39	273°	0.9190	0.73	346°	0.9580	0.37
55°	0.9790	0.18	128°	0.9780	0.19	201°	0.9560	0.39	274°	0.9200	0.72	347°	0.9580	0.37
56°	0.9810	0.17	129°	0.9770	0.20	202°	0.9560	0.39	275°	0.9200	0.72	348°	0.9580	0.37
57°	0.9810	0.17	130°	0.9760	0.21	203°	0.9550	0.40	276°	0.9200	0.72	349°	0.9580	0.37
58°	0.9820	0.16	131°	0.9760	0.21	204°	0.9550	0.40	277°	0.9220	0.71	350°	0.9580	0.37
59°	0.9830	0.15	132°	0.9750	0.22	205°	0.9550	0.40	278°	0.9220	0.71	351°	0.9580	0.37
60°	0.9840	0.14	133°	0.9740	0.23	206°	0.9540	0.41	279°	0.9230	0.70	352°	0.9580	0.37
61°	0.9840	0.14	134°	0.9730	0.24	207°	0.9540	0.41	280°	0.9230	0.70	353°	0.9580	0.37
62°	0.9850	0.13	135°	0.9730	0.24	208°	0.9540	0.41	281°	0.9240	0.69	354°	0.9580	0.37
63°	0.9860	0.12	136°	0.9720	0.25	209°	0.9530	0.42	282°	0.9240	0.69	355°	0.9580	0.37
64°	0.9870	0.11	137°	0.9710	0.26	210°	0.9530	0.42	283°	0.9250	0.68	356°	0.9570	0.38
65°	0.9890	0.10	138°	0.9710	0.26	211°	0.9520	0.43	284°	0.9260	0.67	357°	0.9570	0.38
66°	0.9890	0.10	139°	0.9690	0.27	212°	0.9520	0.43	285°	0.9260	0.67	358°	0.9570	0.38
67°	0.9900	0.09	140°	0.9690	0.27	213°	0.9510	0.44	286°	0.9270	0.66	359°	0.9570	0.38
68°	0.9910	0.08	141°	0.9680	0.28	214°	0.9510	0.44	287°	0.9280	0.65	360°	0.9570	0.38
69°	0.9910	0.08	142°	0.9670	0.29	215°	0.9500	0.45	288°	0.9280	0.65			
70°	0.9920	0.07	143°	0.9670	0.29	216°	0.9500	0.45	289°	0.9290	0.64			
71°	0.9930	0.06	144°	0.9660	0.30	217°	0.9480	0.46	290°	0.9300	0.63			
72°	0.9930	0.06	145°	0.9660	0.30	218°	0.9480	0.46	291°	0.9310	0.62			

E/E_{max} de campo normalizado - atenuação positiva em dB



Parâmetros da configuração			
ELEMENTOS	HPBW VERTICAL	GANHO	PRIMEIRO NULO
N/D	46.81°	0.00 dBd	76.30°

Tabela completa - Elevação

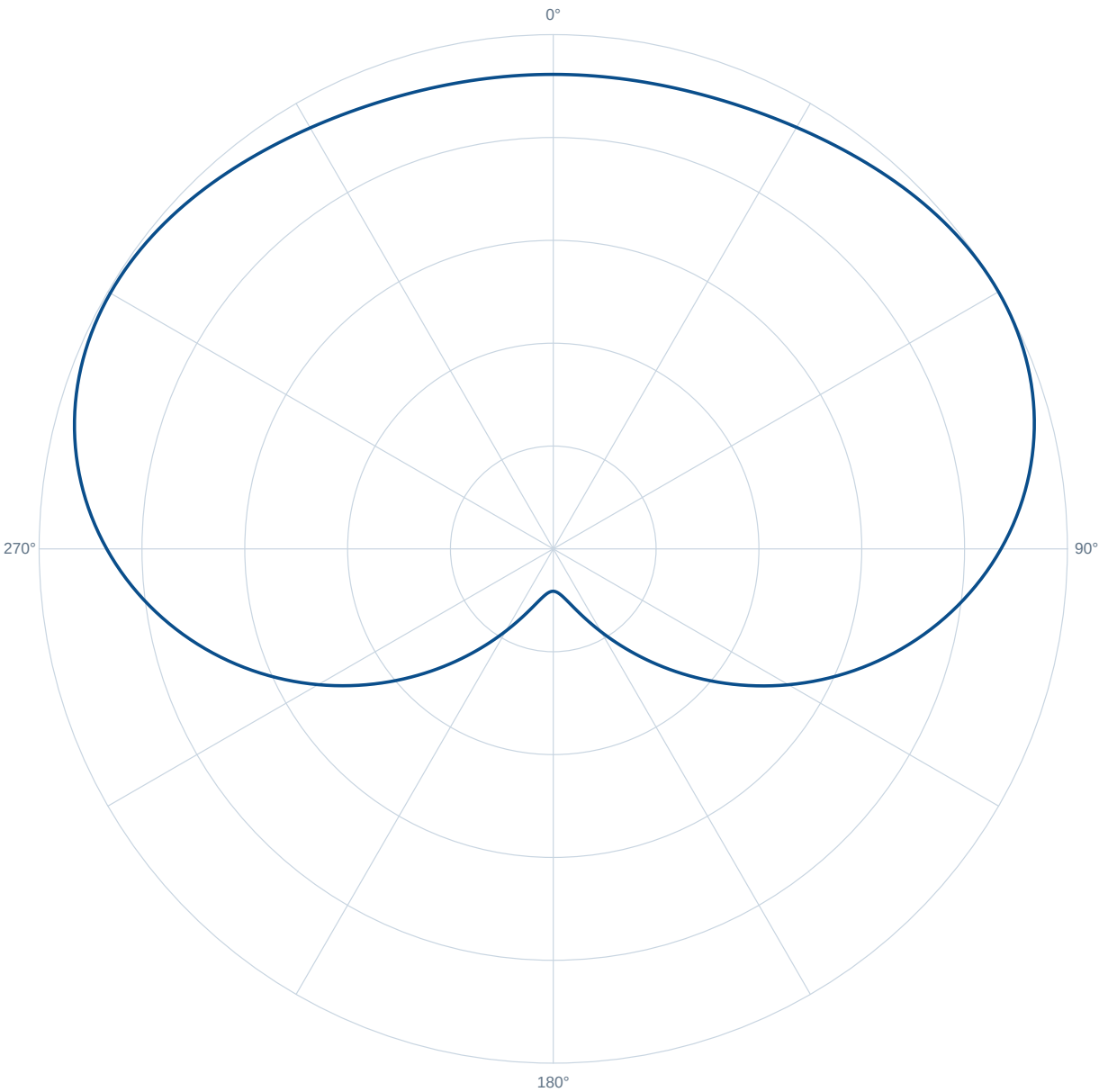


ASCLN - Diagrama de elevação

Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB
-90°	0.0029	50.82	-53.5°	0.2032	13.84	-17°	0.8300	1.62	19.5°	0.7842	2.11	56°	0.1797	14.91
-89.5°	0.0040	48.05	-53°	0.2086	13.61	-16.5°	0.8387	1.53	20°	0.7746	2.22	56.5°	0.1751	15.14
-89°	0.0050	46.06	-52.5°	0.2141	13.39	-16°	0.8475	1.44	20.5°	0.7649	2.33	57°	0.1704	15.37
-88.5°	0.0063	44.00	-52°	0.2197	13.16	-15.5°	0.8559	1.35	21°	0.7551	2.44	57.5°	0.1660	15.60
-88°	0.0076	42.34	-51.5°	0.2255	12.94	-15°	0.8643	1.27	21.5°	0.7452	2.55	58°	0.1615	15.84
-87.5°	0.0091	40.85	-51°	0.2313	12.72	-14.5°	0.8723	1.19	22°	0.7353	2.67	58.5°	0.1572	16.07
-87°	0.0105	39.58	-50.5°	0.2373	12.50	-14°	0.8804	1.11	22.5°	0.7252	2.79	59°	0.1530	16.31
-86.5°	0.0120	38.44	-50°	0.2433	12.28	-13.5°	0.8881	1.03	23°	0.7152	2.91	59.5°	0.1489	16.54
-86°	0.0135	37.43	-49.5°	0.2495	12.06	-13°	0.8957	0.96	23.5°	0.7051	3.04	60°	0.1447	16.79
-85.5°	0.0150	36.50	-49°	0.2557	11.84	-12.5°	0.9030	0.89	24°	0.6949	3.16	60.5°	0.1408	17.03
-85°	0.0165	35.66	-48.5°	0.2622	11.63	-12°	0.9102	0.82	24.5°	0.6847	3.29	61°	0.1369	17.27
-84.5°	0.0180	34.88	-48°	0.2686	11.42	-11.5°	0.9170	0.75	25°	0.6745	3.42	61.5°	0.1331	17.52
-84°	0.0196	34.16	-47.5°	0.2753	11.20	-11°	0.9238	0.69	25.5°	0.6643	3.55	62°	0.1293	17.76
-83.5°	0.0212	33.48	-47°	0.2820	11.00	-10.5°	0.9301	0.63	26°	0.6541	3.69	62.5°	0.1257	18.01
-83°	0.0228	32.85	-46.5°	0.2889	10.79	-10°	0.9365	0.57	26.5°	0.6439	3.82	63°	0.1221	18.26
-82.5°	0.0244	32.24	-46°	0.2958	10.58	-9.5°	0.9423	0.52	27°	0.6336	3.96	63.5°	0.1187	18.51
-82°	0.0261	31.68	-45.5°	0.3029	10.37	-9°	0.9481	0.46	27.5°	0.6234	4.10	64°	0.1152	18.77
-81.5°	0.0278	31.13	-45°	0.3100	10.17	-8.5°	0.9534	0.41	28°	0.6132	4.25	64.5°	0.1119	19.03
-81°	0.0294	30.62	-44.5°	0.3174	9.97	-8°	0.9587	0.37	28.5°	0.6030	4.39	65°	0.1086	19.29
-80.5°	0.0312	30.12	-44°	0.3248	9.77	-7.5°	0.9634	0.32	29°	0.5929	4.54	65.5°	0.1054	19.54
-80°	0.0329	29.65	-43.5°	0.3324	9.57	-7°	0.9681	0.28	29.5°	0.5828	4.69	66°	0.1022	19.81
-79.5°	0.0347	29.19	-43°	0.3399	9.37	-6.5°	0.9722	0.24	30°	0.5727	4.84	66.5°	0.0992	20.07
-79°	0.0365	28.75	-42.5°	0.3478	9.17	-6°	0.9764	0.21	30.5°	0.5627	4.99	67°	0.0961	20.35
-78.5°	0.0384	28.32	-42°	0.3556	8.98	-5.5°	0.9799	0.18	31°	0.5527	5.15	67.5°	0.0932	20.61
-78°	0.0402	27.91	-41.5°	0.3636	8.79	-5°	0.9835	0.14	31.5°	0.5428	5.31	68°	0.0903	20.89
-77.5°	0.0422	27.50	-41°	0.3716	8.60	-4.5°	0.9864	0.12	32°	0.5330	5.47	68.5°	0.0875	21.16
-77°	0.0441	27.11	-40.5°	0.3799	8.41	-4°	0.9893	0.09	32.5°	0.5232	5.63	69°	0.0847	21.45
-76.5°	0.0461	26.72	-40°	0.3882	8.22	-3.5°	0.9916	0.07	33°	0.5135	5.79	69.5°	0.0820	21.73
-76°	0.0481	26.35	-39.5°	0.3966	8.03	-3°	0.9939	0.05	33.5°	0.5039	5.95	70°	0.0793	22.02
-75.5°	0.0502	25.99	-39°	0.4051	7.85	-2.5°	0.9956	0.04	34°	0.4943	6.12	70.5°	0.0767	22.30
-75°	0.0523	25.63	-38.5°	0.4138	7.66	-2°	0.9973	0.02	34.5°	0.4849	6.29	71°	0.0741	22.60
-74.5°	0.0545	25.28	-38°	0.4225	7.48	-1.5°	0.9983	0.02	35°	0.4755	6.46	71.5°	0.0716	22.90
-74°	0.0566	24.94	-37.5°	0.4313	7.30	-1°	0.9993	0.01	35.5°	0.4662	6.63	72°	0.0692	23.20
-73.5°	0.0589	24.60	-37°	0.4402	7.13	-0.5°	0.9996	0.00	36°	0.4570	6.80	72.5°	0.0668	23.51
-73°	0.0611	24.27	-36.5°	0.4493	6.95	0°	1.0000	-0.00	36.5°	0.4479	6.98	73°	0.0644	23.82
-72.5°	0.0635	23.94	-36°	0.4583	6.78	0.5°	0.9997	0.00	37°	0.4389	7.15	73.5°	0.0621	24.14
-72°	0.0659	23.63	-35.5°	0.4676	6.60	1°	0.9994	0.01	37.5°	0.4300	7.33	74°	0.0598	24.47
-71.5°	0.0683	23.31	-35°	0.4769	6.43	1.5°	0.9985	0.01	38°	0.4212	7.51	74.5°	0.0576	24.79
-71°	0.0708	23.00	-34.5°	0.4863	6.26	2°	0.9975	0.02	38.5°	0.4125	7.69	75°	0.0554	25.13
-70.5°	0.0733	22.69	-34°	0.4957	6.10	2.5°	0.9959	0.04	39°	0.4039	7.87	75.5°	0.0533	25.47
-70°	0.0759	22.39	-33.5°	0.5053	5.93	3°	0.9943	0.05	39.5°	0.3955	8.06	76°	0.0511	25.83
-69.5°	0.0786	22.09	-33°	0.5148	5.77	3.5°	0.9920	0.07	40°	0.3870	8.24	76.5°	0.0491	26.18
-69°	0.0813	21.80	-32.5°	0.5246	5.60	4°	0.9898	0.09	40.5°	0.3788	8.43	77°	0.0470	26.55
-68.5°	0.0841	21.50	-32°	0.5343	5.44	4.5°	0.9869	0.11	41°	0.3706	8.62	77.5°	0.0450	26.93
-68°	0.0869	21.22	-31.5°	0.5441	5.29	5°	0.9840	0.14	41.5°	0.3627	8.81	78°	0.0431	27.32
-67.5°	0.0898	20.93	-31°	0.5540	5.13	5.5°	0.9805	0.17	42°	0.3547	9.00	78.5°	0.0411	27.71
-67°	0.0928	20.65	-30.5°	0.5639	4.98	6°	0.9770	0.20	42.5°	0.3470	9.19	79°	0.0392	28.13
-66.5°	0.0958	20.37	-30°	0.5739	4.82	6.5°	0.9729	0.24	43°	0.3392	9.39	79.5°	0.0374	28.55
-66°	0.0989	20.10	-29.5°	0.5839	4.67	7°	0.9688	0.28	43.5°	0.3317	9.58	80°	0.0355	28.99
-65.5°	0.1021	19.82	-29°	0.5939	4.53	7.5°	0.9641	0.32	44°	0.3242	9.78	80.5°	0.0337	29.45
-65°	0.1053	19.55	-28.5°	0.6040	4.38	8°	0.9594	0.36	44.5°	0.3170	9.98	81°	0.0319	29.92
-64.5°	0.1087	19.28	-28°	0.6141	4.23	8.5°	0.9542	0.41	45°	0.3097	10.18	81.5°	0.0302	30.41
-64°	0.1120	19.01	-27.5°	0.6243	4.09	9°	0.9489	0.46	45.5°	0.3027	10.38	82°	0.0284	30.93
-63.5°	0.1155	18.75	-27°	0.6344	3.95	9.5°	0.9431	0.51	46°	0.2956	10.59	82.5°	0.0267	31.47
-63°	0.1190	18.49	-26.5°	0.6446	3.81	10°	0.9373	0.56	46.5°	0.2888	10.79	83°	0.0250	32.05
-62.5°	0.1227	18.22	-26°	0.6547	3.68	10.5°	0.9310	0.62	47°	0.2820	10.99	83.5°	0.0233	32.64
-62°	0.1264	17.97	-25.5°	0.6649	3.54	11°	0.9247	0.68	47.5°	0.2754	11.20	84°	0.0217	33.29
-61.5°	0.1302	17.71	-25°	0.6751	3.41	11.5°	0.9179	0.74	48°	0.2689	11.41	84.5°	0.0200	33.96
-61°	0.1340	17.46	-24.5°	0.6852	3.28	12°	0.9111	0.81	48.5°	0.2625	11.62	85°	0.0184	34.70
-60.5°	0.1380	17.20	-24°	0.6953	3.16	12.5°	0.9038	0.88	49°	0.2562	11.83	85.5°	0.0168	35.48
-60°	0.1420	16.95	-23.5°	0.7054	3.03	13°	0.8966	0.95	49.5°	0.2501	12.04	86°	0.0152	36.34
-59.5°	0.1462	16.70	-23°	0.7154	2.91	13.5°	0.8889	1.02	50°	0.2440	12.25	86.5°	0.0137	37.27
-59°	0.1504	16.46	-22.5°	0.7254	2.79	14°	0.8812	1.10	50.5°	0.2381	12.47	87°	0.0121	38.31
-58.5°	0.1548	16.21	-22°	0.7353	2.67	14.5°	0.8731	1.18	51°	0.2322	12.68	87.5°	0.0106	39.46
-58°	0.1591	15.97	-21.5°	0.7452	2.55	15°	0.8650	1.26	51.5°	0.2265	12.90	88°	0.0091	40.77
-57.5°	0.1637	15.72	-21°	0.7550	2.44	15.5°	0.8566	1.34	52°	0.2209	13.12	88.5°	0.0077	42.23
-57°	0.1682	15.48	-20.5°	0.7647	2.33	16°	0.8481	1.43	52.5°	0.2154	13.33	89°	0.0063	43.97
-56.5°	0.1730	15.24	-20°	0.7744	2.22	16.5°	0.8393	1.52	53°	0.2100	13.56	89.5°	0.0052	45.75
-56°	0.1777	15.01	-19.5°	0.7839	2.11	17°	0.8306	1.61	53.5°	0.2047	13.78	90°	0.0040	47.99
-55.5°	0.1826	14.77	-19°	0.7934	2.01	17.5°	0.8215	1.71	54°	0.1995	14.00			
-55°	0.1876	14.54	-18.5°	0.8027	1.91	18°	0.8124	1.80	54.5°	0.1944	14.22			
-54.5°	0.1927	14.30	-18°	0.8120	1.81	18.5°	0.8031	1.90	55°	0.1894	14.45			
-54°	0.1979	14.07	-17.5°	0.8210	1.71	19°	0.7937	2.01	55.5°	0.1846	14.68			

E/E_{max} de campo normalizado - atenuação positiva em dB

Azimute selecionado no cardápio de diagramas.



Parâmetros da configuração

HPBW HORIZONTAL

211.57°

GANHO

0.00 dBd

FRENTE/COSTAS

1.22 dB

RIPPLE

5.98 dB

Tabela completa - Azimute



ASCLN · azimute_211_graus · Azimute

Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB	Ângulo	E/E _{max}	Aten. dB
0°	0.9227	0.70	73°	0.9767	0.21	146°	0.2204	13.14	219°	0.2681	11.43	292°	0.9862	0.12
1°	0.9228	0.70	74°	0.9728	0.24	147°	0.2114	13.50	220°	0.2789	11.09	293°	0.9882	0.10
2°	0.9228	0.70	75°	0.9687	0.28	148°	0.2027	13.86	221°	0.2899	10.76	294°	0.9899	0.09
3°	0.9229	0.70	76°	0.9642	0.32	149°	0.1943	14.23	222°	0.3011	10.43	295°	0.9914	0.08
4°	0.9230	0.70	77°	0.9595	0.36	150°	0.1862	14.60	223°	0.3126	10.10	296°	0.9926	0.06
5°	0.9231	0.69	78°	0.9544	0.41	151°	0.1785	14.97	224°	0.3243	9.78	297°	0.9935	0.06
6°	0.9233	0.69	79°	0.9491	0.45	152°	0.1711	15.33	225°	0.3361	9.47	298°	0.9942	0.05
7°	0.9235	0.69	80°	0.9434	0.51	153°	0.1641	15.70	226°	0.3482	9.16	299°	0.9947	0.05
8°	0.9238	0.69	81°	0.9374	0.56	154°	0.1573	16.06	227°	0.3604	8.86	300°	0.9949	0.04
9°	0.9241	0.69	82°	0.9312	0.62	155°	0.1509	16.42	228°	0.3728	8.57	301°	0.9949	0.04
10°	0.9244	0.68	83°	0.9246	0.68	156°	0.1449	16.78	229°	0.3853	8.28	302°	0.9946	0.05
11°	0.9248	0.68	84°	0.9178	0.75	157°	0.1391	17.13	230°	0.3979	8.00	303°	0.9942	0.05
12°	0.9253	0.67	85°	0.9107	0.81	158°	0.1337	17.48	231°	0.4106	7.73	304°	0.9936	0.06
13°	0.9258	0.67	86°	0.9033	0.88	159°	0.1287	17.81	232°	0.4235	7.46	305°	0.9928	0.06
14°	0.9264	0.66	87°	0.8956	0.96	160°	0.1239	18.14	233°	0.4364	7.20	306°	0.9917	0.07
15°	0.9270	0.66	88°	0.8876	1.04	161°	0.1194	18.46	234°	0.4494	6.95	307°	0.9906	0.08
16°	0.9277	0.65	89°	0.8794	1.12	162°	0.1153	18.77	235°	0.4624	6.70	308°	0.9893	0.09
17°	0.9285	0.64	90°	0.8709	1.20	163°	0.1114	19.06	236°	0.4755	6.46	309°	0.9878	0.11
18°	0.9294	0.64	91°	0.8622	1.29	164°	0.1078	19.34	237°	0.4886	6.22	310°	0.9863	0.12
19°	0.9303	0.63	92°	0.8532	1.38	165°	0.1045	19.61	238°	0.5018	5.99	311°	0.9846	0.14
20°	0.9313	0.62	93°	0.8440	1.47	166°	0.1015	19.87	239°	0.5149	5.77	312°	0.9828	0.15
21°	0.9325	0.61	94°	0.8345	1.57	167°	0.0987	20.11	240°	0.5280	5.55	313°	0.9809	0.17
22°	0.9337	0.60	95°	0.8248	1.67	168°	0.0962	20.34	241°	0.5411	5.33	314°	0.9789	0.19
23°	0.9350	0.58	96°	0.8149	1.78	169°	0.0939	20.54	242°	0.5541	5.13	315°	0.9769	0.20
24°	0.9364	0.57	97°	0.8047	1.89	170°	0.0919	20.74	243°	0.5672	4.93	316°	0.9748	0.22
25°	0.9378	0.56	98°	0.7944	2.00	171°	0.0900	20.91	244°	0.5801	4.73	317°	0.9727	0.24
26°	0.9394	0.54	99°	0.7838	2.12	172°	0.0884	21.07	245°	0.5930	4.54	318°	0.9705	0.26
27°	0.9410	0.53	100°	0.7730	2.24	173°	0.0870	21.21	246°	0.6058	4.35	319°	0.9683	0.28
28°	0.9428	0.51	101°	0.7621	2.36	174°	0.0858	21.33	247°	0.6185	4.17	320°	0.9661	0.30
29°	0.9446	0.49	102°	0.7510	2.49	175°	0.0848	21.43	248°	0.6312	4.00	321°	0.9639	0.32
30°	0.9465	0.48	103°	0.7397	2.62	176°	0.0839	21.52	249°	0.6437	3.83	322°	0.9617	0.34
31°	0.9485	0.46	104°	0.7282	2.76	177°	0.0833	21.59	250°	0.6561	3.66	323°	0.9595	0.36
32°	0.9505	0.44	105°	0.7166	2.89	178°	0.0828	21.64	251°	0.6684	3.50	324°	0.9574	0.38
33°	0.9526	0.42	106°	0.7048	3.04	179°	0.0825	21.67	252°	0.6805	3.34	325°	0.9553	0.40
34°	0.9548	0.40	107°	0.6929	3.19	180°	0.0824	21.68	253°	0.6926	3.19	326°	0.9532	0.42
35°	0.9571	0.38	108°	0.6808	3.34	181°	0.0824	21.68	254°	0.7044	3.04	327°	0.9512	0.43
36°	0.9594	0.36	109°	0.6686	3.50	182°	0.0827	21.65	255°	0.7161	2.90	328°	0.9492	0.45
37°	0.9617	0.34	110°	0.6563	3.66	183°	0.0831	21.61	256°	0.7277	2.76	329°	0.9473	0.47
38°	0.9640	0.32	111°	0.6438	3.82	184°	0.0836	21.55	257°	0.7391	2.63	330°	0.9454	0.49
39°	0.9664	0.30	112°	0.6313	4.00	185°	0.0844	21.48	258°	0.7503	2.50	331°	0.9436	0.50
40°	0.9687	0.28	113°	0.6187	4.17	186°	0.0853	21.38	259°	0.7613	2.37	332°	0.9420	0.52
41°	0.9711	0.25	114°	0.6060	4.35	187°	0.0865	21.26	260°	0.7721	2.25	333°	0.9403	0.53
42°	0.9735	0.23	115°	0.5932	4.54	188°	0.0878	21.13	261°	0.7828	2.13	334°	0.9388	0.55
43°	0.9758	0.21	116°	0.5803	4.73	189°	0.0893	20.98	262°	0.7932	2.01	335°	0.9373	0.56
44°	0.9781	0.19	117°	0.5674	4.92	190°	0.0911	20.81	263°	0.8034	1.90	336°	0.9359	0.58
45°	0.9804	0.17	118°	0.5544	5.12	191°	0.0931	20.62	264°	0.8134	1.79	337°	0.9346	0.59
46°	0.9826	0.15	119°	0.5414	5.33	192°	0.0953	20.42	265°	0.8232	1.69	338°	0.9334	0.60
47°	0.9847	0.13	120°	0.5284	5.54	193°	0.0977	20.20	266°	0.8327	1.59	339°	0.9323	0.61
48°	0.9867	0.12	121°	0.5153	5.76	194°	0.1004	19.96	267°	0.8420	1.49	340°	0.9312	0.62
49°	0.9887	0.10	122°	0.5023	5.98	195°	0.1034	19.71	268°	0.8511	1.40	341°	0.9302	0.63
50°	0.9905	0.08	123°	0.4892	6.21	196°	0.1066	19.44	269°	0.8599	1.31	342°	0.9293	0.64
51°	0.9922	0.07	124°	0.4762	6.44	197°	0.1101	19.16	270°	0.8685	1.22	343°	0.9285	0.64
52°	0.9938	0.05	125°	0.4632	6.69	198°	0.1139	18.87	271°	0.8768	1.14	344°	0.9277	0.65
53°	0.9952	0.04	126°	0.4502	6.93	199°	0.1180	18.56	272°	0.8849	1.06	345°	0.9270	0.66
54°	0.9965	0.03	127°	0.4373	7.18	200°	0.1224	18.24	273°	0.8927	0.99	346°	0.9264	0.66
55°	0.9975	0.02	128°	0.4244	7.44	201°	0.1272	17.91	274°	0.9002	0.91	347°	0.9258	0.67
56°	0.9985	0.01	129°	0.4117	7.71	202°	0.1322	17.58	275°	0.9075	0.84	348°	0.9253	0.67
57°	0.9991	0.01	130°	0.3990	7.98	203°	0.1376	17.23	276°	0.9144	0.78	349°	0.9249	0.68
58°	0.9997	0.00	131°	0.3865	8.26	204°	0.1432	16.88	277°	0.9211	0.71	350°	0.9245	0.68
59°	0.9999	0.00	132°	0.3740	8.54	205°	0.1493	16.52	278°	0.9275	0.65	351°	0.9241	0.69
60°	1.0000	-0.00	133°	0.3617	8.83	206°	0.1556	16.16	279°	0.9336	0.60	352°	0.9238	0.69
61°	0.9998	0.00	134°	0.3496	9.13	207°	0.1623	15.79	280°	0.9394	0.54	353°	0.9236	0.69
62°	0.9994	0.01	135°	0.3376	9.43	208°	0.1693	15.42	281°	0.9450	0.49	354°	0.9234	0.69
63°	0.9987	0.01	136°	0.3258	9.74	209°	0.1767	15.05	282°	0.9502	0.44	355°	0.9232	0.69
64°	0.9978	0.02	137°	0.3142	10.06	210°	0.1844	14.68	283°	0.9551	0.40	356°	0.9230	0.70
65°	0.9966	0.03	138°	0.3028	10.38	211°	0.1925	14.31	284°	0.9598	0.36	357°	0.9229	0.70
66°	0.9951	0.04	139°	0.2916	10.71	212°	0.2008	13.94	285°	0.9641	0.32	358°	0.9228	0.70
67°	0.9933	0.06	140°	0.2806	11.04	213°	0.2095	13.57	286°	0.9681	0.28	359°	0.9228	0.70
68°	0.9913	0.08	141°	0.2699	11.38	214°	0.2186	13.21	287°	0.9719	0.25	360°	0.9227	0.70
69°	0.9890	0.10	142°	0.2594	11.72	215°	0.2279	12.85	288°	0.9753	0.22			
70°	0.9863	0.12	143°	0.2492	12.07	216°	0.2375	12.49	289°	0.9785	0.19			
71°	0.9834	0.15	144°	0.2393	12.42	217°	0.2474	12.13	290°	0.9813	0.16			
72°	0.9802	0.17	145°	0.2297	12.78	218°	0.2577	11.78	291°	0.9839	0.14			

E/E_{max} de campo normalizado · atenuação positiva em dB