

TX station: Ekg1
Gain solid integration : disabled

Site Name: Labelitaly

General data of Antenna System

TX station	Ekg1
Site Name	Labelitaly
System of coordinates	Geographic
Longitude	00°00'00.000"
Latitude	00°00'00.000"
Ground level a.s.l. (m)	100.0
Antenna system height (m)	50.0
Transmitter power(Watt)	1000.000
Carrier wave frequency (MHz)	128.000
Antenna system central frequency (MHz)	128.000
Antenna base diagrams type 1	LABEL ITALY-EKG_1 AERONAUTICAL DIPOLE
Antenna base diagrams type 2	-
Polarization (H/V/C/X)	V
Transmitting cable attenuation (dB)	0.0
Additional attenuations(dB)	0.0
Base diagrams sectors (T = All, F = Front)	T
Velocity factor of cables to Antennas (0÷1)	0.88
Coordinate System(C = cartesian, P = polar)	P
Mast side / diameter(cm):	10.0
Mast cross section (T/Q/C)	C
Structure rotation w.r.t. North (°)	0.0
Mast rotation w.r.t. North (°)	0.0

Information about antennas used in the System

	<i>Antenna type 1</i>
Manufacturer	LABEL ITALY
Antenna model	EKG_1 AERONAUTICAL
Band start(MHz)	118
Band stop(MHz)	144
diagrams Frequency(MHz)	128
Polariz (H,V,C,X)	V
Vertical dist (cm)	210
Height (cm)	108
Width (cm)	6
Thickness (cm)	72
Weight (Kg)	6
Maximum power (KW)	2
Gain (dBd)	2.1
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	20
R.C.Phase (°)	0

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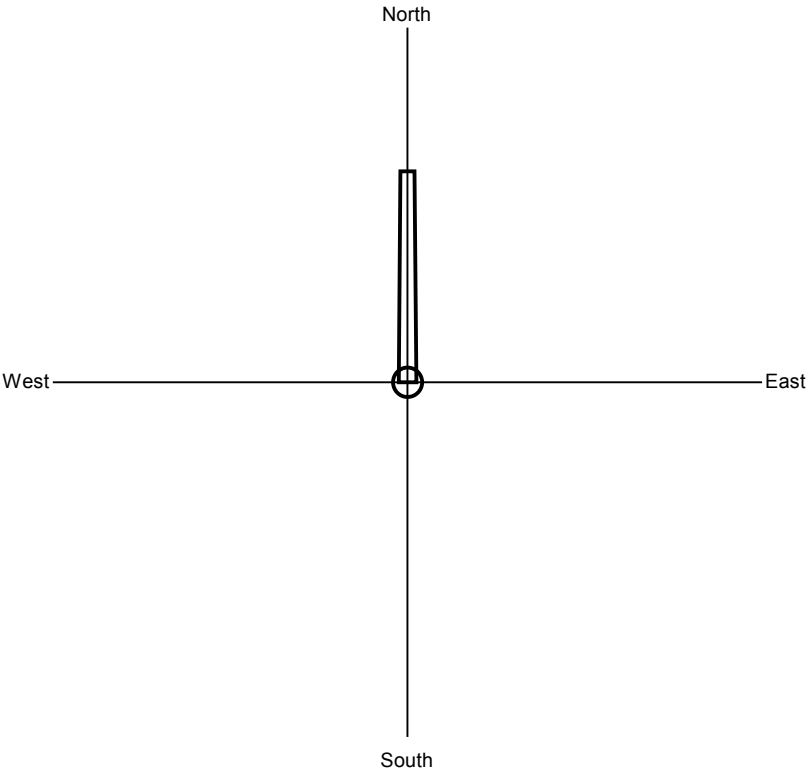
Geometr. and electrical data of Antenna System

	<i>Power</i> (%)	<i>Tilt</i> (°)	<i>Az.</i> (°/N)	<i>Phase</i> (°)		<i>V dist.</i> (m)	<i>Scr-d</i> (cm)	<i>Scr-Az</i> (°/N)	<i>Rot.</i> (1÷4)	<i>Type</i> (1÷2)	<i>L cables</i> (cm)	<i>Car. phase</i> (°)
1	100.000	0	0	0	+0.0	0.00	0.0	0.0	1	1	0.0	0.0

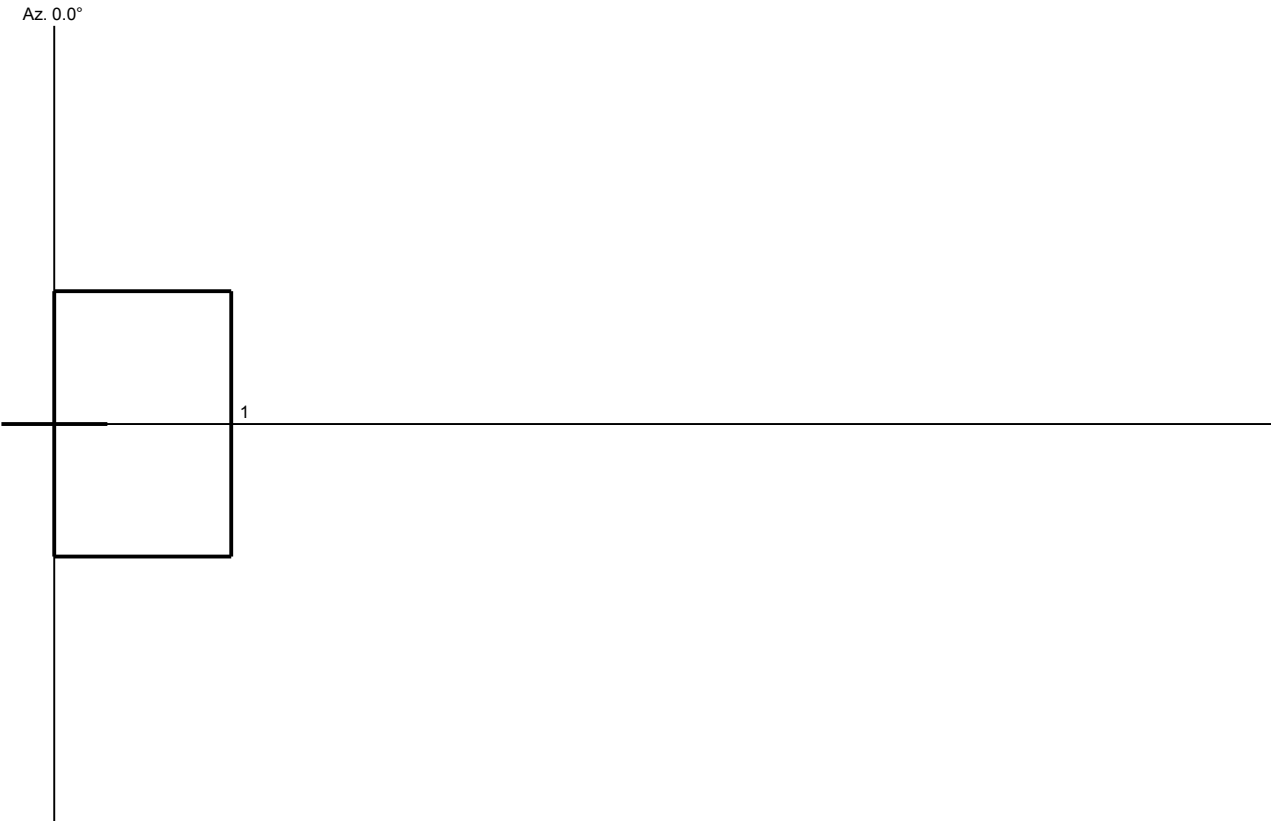
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Plan of antenna system



Side of antenna system



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Antennas arrays data

A. Antennas array azimuth (°/N)	0
B. Number of antennas	1
C. Nominal power supply (W)	1000.00
D. Losses (addit. + cables) (dB)	0.0
E. Effective power supply (W)	1000.00
F. Theor. maximum gain (dBd)	2.10
G. Distribution losses (dB)	0.00
H. Nominal max gain [F - G] (dBd)	2.10
I. Compensation losses (dB)	0.00
J. Effec. max gain [H - I] (dBd)	2.10
K. Effec. max gain (times)	1.62
L. Effec. max power [E * K] (KW)	1.6218
M. Max power depr. angle (°)	0.0
N. Max power az. angle (°)	340

Diagram in dBK calculated at horizon

Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	2.1	90	-0.8	180	-4.1	270	-0.8
10	2.1	100	-1.7	190	-4.1	280	0.1
20	2.1	110	-2.6	200	-4.0	290	0.8
30	2.0	120	-3.2	210	-3.9	300	1.3
40	1.9	130	-3.6	220	-3.8	310	1.7
50	1.7	140	-3.8	230	-3.6	320	1.9
60	1.3	150	-3.9	240	-3.2	330	2.0
70	0.8	160	-4.0	250	-2.6	340	2.1
80	0.1	170	-4.1	260	-1.7	350	2.1

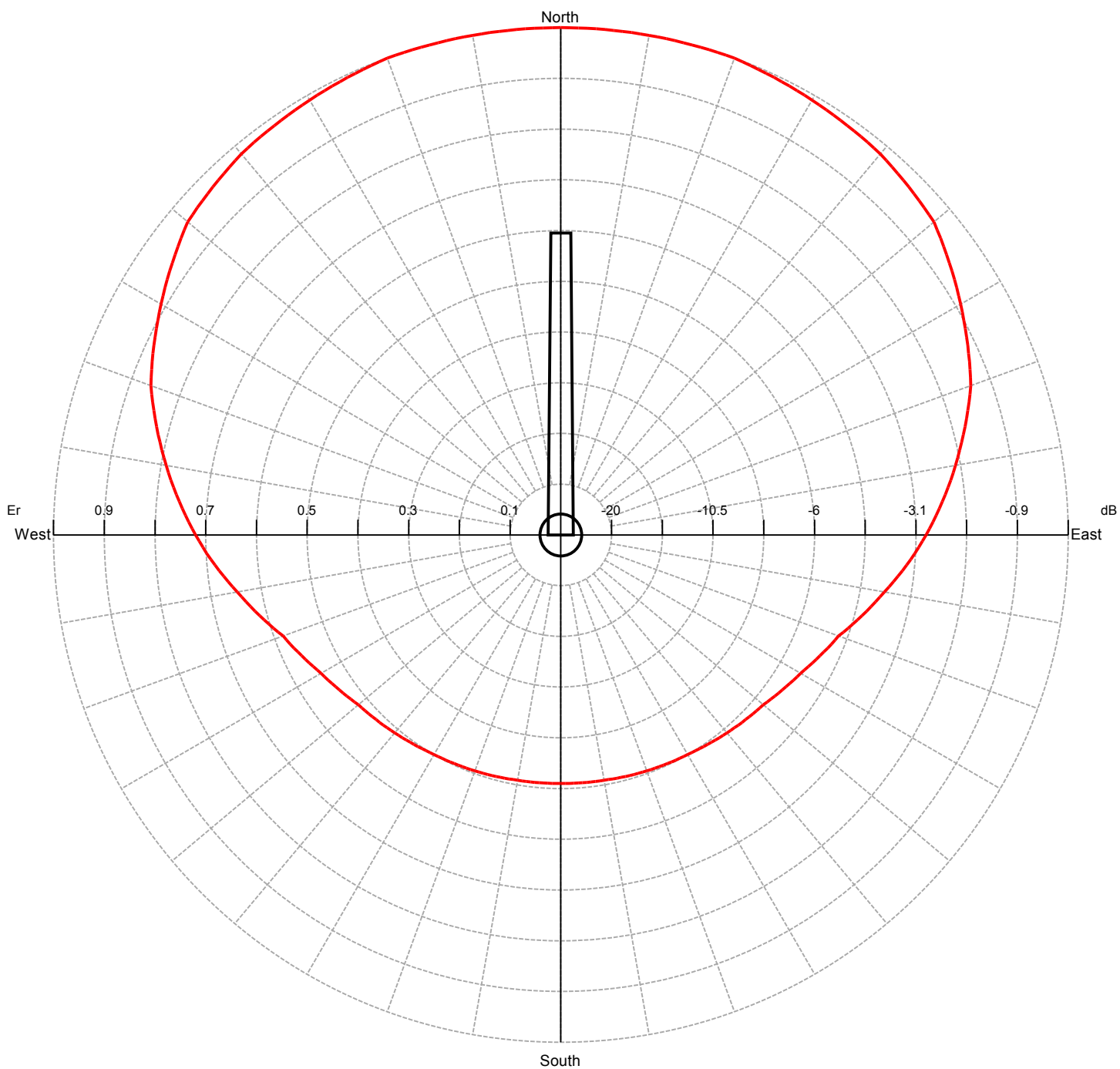
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Horizontal diagram at 0.0° depres. (Total Antenna)



— 0.0° depres. (Total Antenna), Gain (dBd): 2.1

ERP T.Max(KW): 1.6218 ERP E.Max(KW): 1.6218

TX station: Ekg1

Frequency: 128.00 MHz

Gain solid integration : disabled

Site Name: Labelitaly

Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
0.0	100.0	1.622	60.0	91.0	1.343	120.0	54.6	0.483
1.0	100.0	1.622	61.0	90.5	1.328	121.0	54.3	0.478
2.0	100.0	1.622	62.0	90.0	1.314	122.0	54.1	0.474
3.0	100.0	1.622	63.0	89.5	1.299	123.0	53.8	0.469
4.0	100.0	1.622	64.0	89.0	1.285	124.0	53.5	0.465
5.0	100.0	1.622	65.0	88.5	1.270	125.0	53.3	0.461
6.0	100.0	1.622	66.0	88.0	1.256	126.0	53.1	0.457
7.0	100.0	1.622	67.0	87.5	1.242	127.0	52.8	0.452
8.0	100.0	1.622	68.0	87.0	1.228	128.0	52.6	0.448
9.0	100.0	1.622	69.0	86.5	1.213	129.0	52.3	0.444
10.0	100.0	1.622	70.0	86.0	1.199	130.0	52.1	0.441
11.0	100.0	1.622	71.0	85.3	1.180	131.0	52.0	0.438
12.0	100.0	1.622	72.0	84.6	1.161	132.0	51.9	0.436
13.0	100.0	1.622	73.0	83.9	1.142	133.0	51.7	0.434
14.0	100.0	1.622	74.0	83.2	1.123	134.0	51.6	0.432
15.0	100.0	1.622	75.0	82.5	1.104	135.0	51.5	0.430
16.0	100.0	1.622	76.0	81.8	1.085	136.0	51.4	0.428
17.0	100.0	1.622	77.0	81.1	1.067	137.0	51.3	0.426
18.0	100.0	1.622	78.0	80.4	1.048	138.0	51.2	0.425
19.0	100.0	1.622	79.0	79.7	1.030	139.0	51.1	0.423
20.0	100.0	1.622	80.0	79.0	1.012	140.0	51.0	0.421
21.0	99.9	1.619	81.0	78.3	0.994	141.0	50.8	0.419
22.0	99.8	1.615	82.0	77.6	0.977	142.0	50.7	0.418
23.0	99.7	1.612	83.0	76.9	0.959	143.0	50.6	0.416
24.0	99.6	1.609	84.0	76.2	0.942	144.0	50.5	0.414
25.0	99.5	1.606	85.0	75.5	0.924	145.0	50.4	0.413
26.0	99.4	1.602	86.0	74.8	0.907	146.0	50.4	0.411
27.0	99.3	1.599	87.0	74.1	0.891	147.0	50.3	0.410
28.0	99.2	1.596	88.0	73.4	0.874	148.0	50.2	0.408
29.0	99.1	1.593	89.0	72.7	0.857	149.0	50.1	0.407
30.0	99.0	1.590	90.0	72.0	0.841	150.0	50.0	0.405
31.0	98.9	1.586	91.0	71.3	0.825	151.0	49.9	0.405
32.0	98.8	1.583	92.0	70.6	0.808	152.0	49.9	0.404
33.0	98.7	1.580	93.0	69.9	0.792	153.0	49.8	0.403
34.0	98.6	1.577	94.0	69.2	0.776	154.0	49.8	0.402
35.0	98.5	1.574	95.0	68.4	0.760	155.0	49.7	0.401
36.0	98.4	1.570	96.0	67.7	0.743	156.0	49.7	0.400
37.0	98.3	1.567	97.0	67.0	0.727	157.0	49.6	0.400
38.0	98.2	1.564	98.0	66.2	0.711	158.0	49.6	0.399
39.0	98.1	1.561	99.0	65.5	0.696	159.0	49.6	0.398
40.0	98.0	1.558	100.0	64.8	0.680	160.0	49.5	0.397
41.0	97.8	1.551	101.0	64.1	0.666	161.0	49.5	0.397
42.0	97.6	1.545	102.0	63.4	0.653	162.0	49.4	0.396
43.0	97.4	1.539	103.0	62.8	0.639	163.0	49.4	0.395
44.0	97.2	1.532	104.0	62.1	0.626	164.0	49.3	0.395
45.0	97.0	1.526	105.0	61.5	0.613	165.0	49.3	0.394
46.0	96.8	1.520	106.0	60.8	0.600	166.0	49.3	0.393
47.0	96.6	1.513	107.0	60.2	0.587	167.0	49.2	0.393
48.0	96.4	1.507	108.0	59.5	0.575	168.0	49.2	0.392
49.0	96.2	1.501	109.0	58.9	0.563	169.0	49.1	0.392
50.0	96.0	1.495	110.0	58.3	0.551	170.0	49.1	0.391
51.0	95.5	1.479	111.0	57.9	0.543	171.0	49.1	0.391
52.0	95.0	1.464	112.0	57.5	0.536	172.0	49.1	0.391
53.0	94.5	1.448	113.0	57.1	0.529	173.0	49.1	0.391
54.0	94.0	1.433	114.0	56.7	0.522	174.0	49.1	0.390
55.0	93.5	1.418	115.0	56.4	0.515	175.0	49.1	0.390
56.0	93.0	1.403	116.0	56.0	0.509	176.0	49.0	0.390
57.0	92.5	1.388	117.0	55.6	0.502	177.0	49.0	0.390
58.0	92.0	1.373	118.0	55.3	0.496	178.0	49.0	0.390
59.0	91.5	1.358	119.0	54.9	0.489	179.0	49.0	0.390

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Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
180.0	49.0	0.389	240.0	54.6	0.483	300.0	91.0	1.343
181.0	49.0	0.390	241.0	54.9	0.489	301.0	91.5	1.358
182.0	49.0	0.390	242.0	55.3	0.496	302.0	92.0	1.373
183.0	49.0	0.390	243.0	55.6	0.502	303.0	92.5	1.388
184.0	49.0	0.390	244.0	56.0	0.509	304.0	93.0	1.403
185.0	49.1	0.390	245.0	56.4	0.515	305.0	93.5	1.418
186.0	49.1	0.390	246.0	56.7	0.522	306.0	94.0	1.433
187.0	49.1	0.391	247.0	57.1	0.529	307.0	94.5	1.448
188.0	49.1	0.391	248.0	57.5	0.536	308.0	95.0	1.464
189.0	49.1	0.391	249.0	57.9	0.543	309.0	95.5	1.479
190.0	49.1	0.391	250.0	58.3	0.551	310.0	96.0	1.495
191.0	49.1	0.392	251.0	58.9	0.563	311.0	96.2	1.501
192.0	49.2	0.392	252.0	59.5	0.575	312.0	96.4	1.507
193.0	49.2	0.393	253.0	60.2	0.587	313.0	96.6	1.513
194.0	49.3	0.393	254.0	60.8	0.600	314.0	96.8	1.520
195.0	49.3	0.394	255.0	61.5	0.613	315.0	97.0	1.526
196.0	49.3	0.395	256.0	62.1	0.626	316.0	97.2	1.532
197.0	49.4	0.395	257.0	62.8	0.639	317.0	97.4	1.539
198.0	49.4	0.396	258.0	63.4	0.653	318.0	97.6	1.545
199.0	49.5	0.397	259.0	64.1	0.666	319.0	97.8	1.551
200.0	49.5	0.397	260.0	64.8	0.680	320.0	98.0	1.558
201.0	49.6	0.398	261.0	65.5	0.696	321.0	98.1	1.561
202.0	49.6	0.399	262.0	66.2	0.711	322.0	98.2	1.564
203.0	49.6	0.400	263.0	67.0	0.727	323.0	98.3	1.567
204.0	49.7	0.400	264.0	67.7	0.743	324.0	98.4	1.570
205.0	49.7	0.401	265.0	68.4	0.760	325.0	98.5	1.574
206.0	49.8	0.402	266.0	69.2	0.776	326.0	98.6	1.577
207.0	49.8	0.403	267.0	69.9	0.792	327.0	98.7	1.580
208.0	49.9	0.404	268.0	70.6	0.808	328.0	98.8	1.583
209.0	49.9	0.405	269.0	71.3	0.825	329.0	98.9	1.586
210.0	50.0	0.405	270.0	72.0	0.841	330.0	99.0	1.590
211.0	50.1	0.407	271.0	72.7	0.857	331.0	99.1	1.593
212.0	50.2	0.408	272.0	73.4	0.874	332.0	99.2	1.596
213.0	50.3	0.410	273.0	74.1	0.891	333.0	99.3	1.599
214.0	50.4	0.411	274.0	74.8	0.907	334.0	99.4	1.602
215.0	50.4	0.413	275.0	75.5	0.924	335.0	99.5	1.606
216.0	50.5	0.414	276.0	76.2	0.942	336.0	99.6	1.609
217.0	50.6	0.416	277.0	76.9	0.959	337.0	99.7	1.612
218.0	50.7	0.418	278.0	77.6	0.977	338.0	99.8	1.615
219.0	50.8	0.419	279.0	78.3	0.994	339.0	99.9	1.619
220.0	51.0	0.421	280.0	79.0	1.012	340.0	100.0	1.622
221.0	51.1	0.423	281.0	79.7	1.030	341.0	100.0	1.622
222.0	51.2	0.425	282.0	80.4	1.048	342.0	100.0	1.622
223.0	51.3	0.426	283.0	81.1	1.067	343.0	100.0	1.622
224.0	51.4	0.428	284.0	81.8	1.085	344.0	100.0	1.622
225.0	51.5	0.430	285.0	82.5	1.104	345.0	100.0	1.622
226.0	51.6	0.432	286.0	83.2	1.123	346.0	100.0	1.622
227.0	51.7	0.434	287.0	83.9	1.142	347.0	100.0	1.622
228.0	51.9	0.436	288.0	84.6	1.161	348.0	100.0	1.622
229.0	52.0	0.438	289.0	85.3	1.180	349.0	100.0	1.622
230.0	52.1	0.441	290.0	86.0	1.199	350.0	100.0	1.622
231.0	52.3	0.444	291.0	86.5	1.213	351.0	100.0	1.622
232.0	52.6	0.448	292.0	87.0	1.228	352.0	100.0	1.622
233.0	52.8	0.452	293.0	87.5	1.242	353.0	100.0	1.622
234.0	53.1	0.457	294.0	88.0	1.256	354.0	100.0	1.622
235.0	53.3	0.461	295.0	88.5	1.270	355.0	100.0	1.622
236.0	53.5	0.465	296.0	89.0	1.285	356.0	100.0	1.622
237.0	53.8	0.469	297.0	89.5	1.299	357.0	100.0	1.622
238.0	54.1	0.474	298.0	90.0	1.314	358.0	100.0	1.622
239.0	54.3	0.478	299.0	90.5	1.328	359.0	100.0	1.622

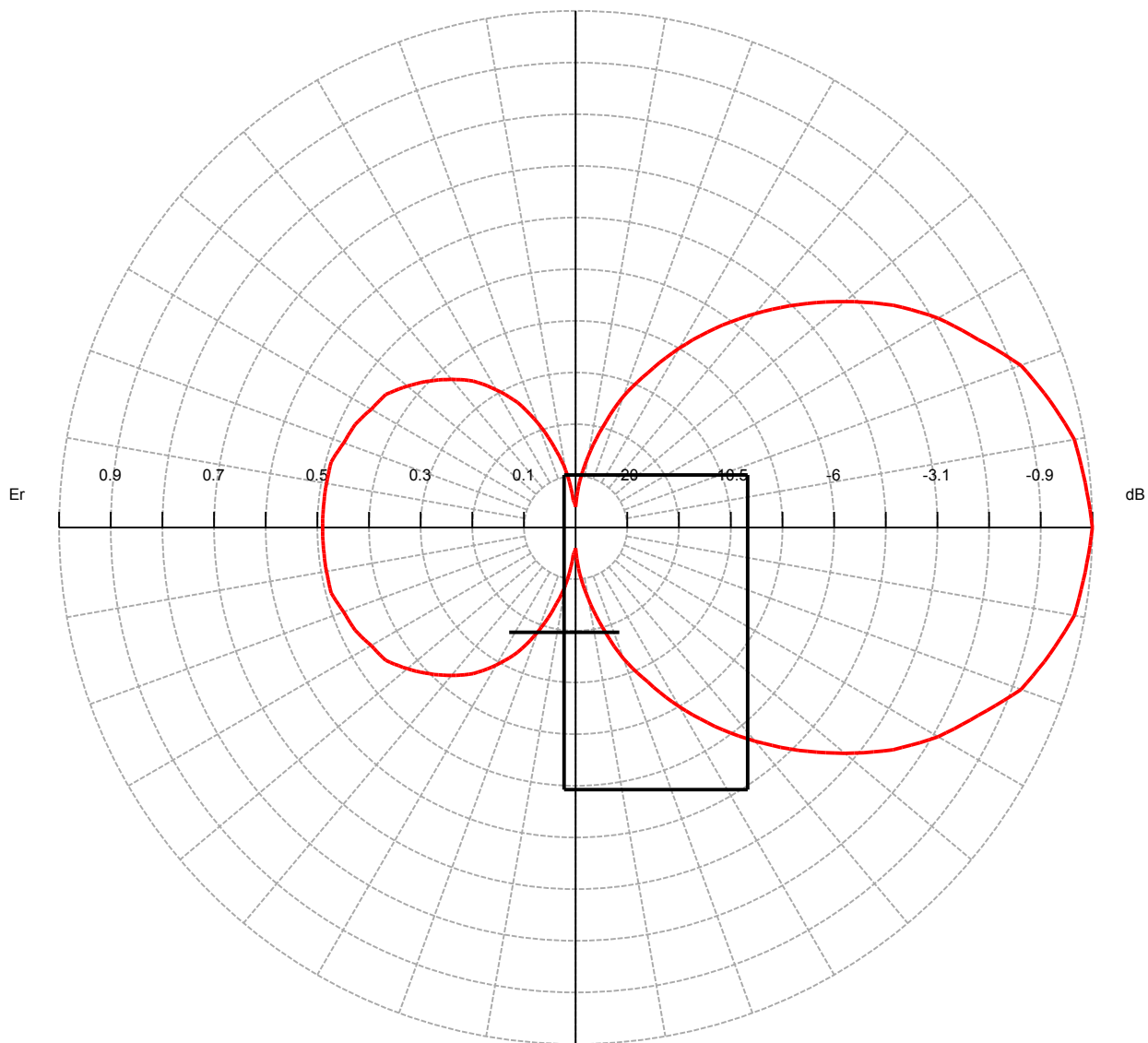
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Vertical diagram at an azimuth of 0.0° degrees



0.0° Az. (Total Antenna), Gain (dBd): 2.1

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Vertical diagram at an azimuth of 0.0° degrees

Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)
0.0	100.0	1.622	60.0	40.0	0.259	120.0	30.7	0.153
1.0	99.8	1.615	61.0	38.6	0.242	121.0	31.5	0.161
2.0	99.6	1.609	62.0	37.2	0.224	122.0	32.3	0.169
3.0	99.4	1.602	63.0	35.8	0.208	123.0	33.1	0.177
4.0	99.2	1.596	64.0	34.4	0.192	124.0	33.8	0.186
5.0	99.0	1.590	65.0	33.0	0.177	125.0	34.6	0.194
6.0	98.8	1.583	66.0	31.8	0.164	126.0	35.1	0.200
7.0	98.6	1.577	67.0	30.6	0.152	127.0	35.7	0.207
8.0	98.4	1.570	68.0	29.4	0.140	128.0	36.3	0.214
9.0	98.2	1.564	69.0	28.2	0.129	129.0	36.8	0.220
10.0	98.0	1.558	70.0	27.0	0.118	130.0	37.4	0.227
11.0	97.4	1.539	71.0	25.6	0.106	131.0	37.9	0.234
12.0	96.8	1.520	72.0	24.2	0.095	132.0	38.5	0.240
13.0	96.2	1.501	73.0	22.8	0.084	133.0	39.0	0.247
14.0	95.6	1.482	74.0	21.4	0.074	134.0	39.5	0.254
15.0	95.0	1.464	75.0	20.0	0.065	135.0	40.1	0.260
16.0	94.3	1.443	76.0	18.8	0.057	136.0	40.6	0.267
17.0	93.7	1.423	77.0	17.6	0.050	137.0	41.1	0.274
18.0	93.0	1.403	78.0	16.4	0.044	138.0	41.6	0.280
19.0	92.4	1.383	79.0	15.2	0.037	139.0	42.1	0.287
20.0	91.7	1.364	80.0	14.0	0.032	140.0	42.6	0.294
21.0	90.6	1.330	81.0	13.0	0.027	141.0	43.0	0.300
22.0	89.4	1.297	82.0	12.0	0.023	142.0	43.5	0.307
23.0	88.3	1.264	83.0	11.0	0.020	143.0	44.0	0.313
24.0	87.1	1.232	84.0	10.0	0.016	144.0	44.4	0.320
25.0	86.0	1.199	85.0	9.0	0.013	145.0	44.9	0.327
26.0	85.0	1.172	86.0	8.0	0.010	146.0	45.0	0.329
27.0	84.0	1.144	87.0	7.0	0.008	147.0	45.2	0.331
28.0	83.0	1.117	88.0	6.0	0.006	148.0	45.4	0.334
29.0	82.0	1.091	89.0	5.0	0.004	149.0	45.5	0.336
30.0	81.0	1.064	90.0	4.0	0.003	150.0	45.7	0.339
31.0	79.8	1.033	91.0	4.3	0.003	151.0	46.0	0.343
32.0	78.6	1.002	92.0	4.5	0.003	152.0	46.3	0.347
33.0	77.4	0.972	93.0	4.8	0.004	153.0	46.6	0.352
34.0	76.2	0.942	94.0	5.0	0.004	154.0	46.8	0.356
35.0	75.0	0.912	95.0	5.3	0.005	155.0	47.1	0.360
36.0	73.6	0.879	96.0	6.5	0.007	156.0	47.2	0.362
37.0	72.2	0.845	97.0	7.7	0.010	157.0	47.4	0.364
38.0	70.8	0.813	98.0	8.9	0.013	158.0	47.5	0.366
39.0	69.4	0.781	99.0	10.1	0.017	159.0	47.7	0.368
40.0	68.0	0.750	100.0	11.3	0.021	160.0	47.8	0.370
41.0	66.6	0.719	101.0	12.2	0.024	161.0	48.0	0.374
42.0	65.2	0.689	102.0	13.2	0.028	162.0	48.3	0.378
43.0	63.8	0.660	103.0	14.2	0.033	163.0	48.5	0.382
44.0	62.4	0.631	104.0	15.1	0.037	164.0	48.8	0.386
45.0	61.0	0.603	105.0	16.1	0.042	165.0	49.0	0.389
46.0	59.6	0.576	106.0	17.2	0.048	166.0	49.0	0.389
47.0	58.2	0.549	107.0	18.3	0.054	167.0	49.0	0.389
48.0	56.8	0.523	108.0	19.4	0.061	168.0	49.0	0.389
49.0	55.4	0.498	109.0	20.4	0.068	169.0	49.0	0.389
50.0	54.0	0.473	110.0	21.5	0.075	170.0	49.0	0.389
51.0	52.6	0.449	111.0	22.6	0.083	171.0	49.0	0.389
52.0	51.2	0.425	112.0	23.6	0.090	172.0	49.0	0.389
53.0	49.8	0.402	113.0	24.6	0.099	173.0	49.0	0.389
54.0	48.4	0.380	114.0	25.7	0.107	174.0	49.0	0.389
55.0	47.0	0.358	115.0	26.7	0.115	175.0	49.0	0.389
56.0	45.6	0.337	116.0	27.5	0.123	176.0	49.0	0.389
57.0	44.2	0.317	117.0	28.3	0.130	177.0	49.0	0.389
58.0	42.8	0.297	118.0	29.1	0.138	178.0	49.0	0.389
59.0	41.4	0.278	119.0	29.9	0.145	179.0	49.0	0.389

TX station: Ekg1

Frequency: 128.00 MHz

Gain solid integration : disabled

Site Name: Labelitaly

Vertical diagram at an azimuth of 0.0° degrees

Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)
180.0	49.0	0.389	240.0	30.7	0.153	300.0	40.0	0.259
181.0	49.0	0.389	241.0	29.9	0.145	301.0	41.4	0.278
182.0	49.0	0.389	242.0	29.1	0.138	302.0	42.8	0.297
183.0	49.0	0.389	243.0	28.3	0.130	303.0	44.2	0.317
184.0	49.0	0.389	244.0	27.5	0.123	304.0	45.6	0.337
185.0	49.0	0.389	245.0	26.7	0.115	305.0	47.0	0.358
186.0	49.0	0.389	246.0	25.7	0.107	306.0	48.4	0.380
187.0	49.0	0.389	247.0	24.6	0.099	307.0	49.8	0.402
188.0	49.0	0.389	248.0	23.6	0.090	308.0	51.2	0.425
189.0	49.0	0.389	249.0	22.6	0.083	309.0	52.6	0.449
190.0	49.0	0.389	250.0	21.5	0.075	310.0	54.0	0.473
191.0	49.0	0.389	251.0	20.4	0.068	311.0	55.4	0.498
192.0	49.0	0.389	252.0	19.4	0.061	312.0	56.8	0.523
193.0	49.0	0.389	253.0	18.3	0.054	313.0	58.2	0.549
194.0	49.0	0.389	254.0	17.2	0.048	314.0	59.6	0.576
195.0	49.0	0.389	255.0	16.1	0.042	315.0	61.0	0.603
196.0	48.8	0.386	256.0	15.1	0.037	316.0	62.4	0.631
197.0	48.5	0.382	257.0	14.2	0.033	317.0	63.8	0.660
198.0	48.3	0.378	258.0	13.2	0.028	318.0	65.2	0.689
199.0	48.0	0.374	259.0	12.2	0.024	319.0	66.6	0.719
200.0	47.8	0.370	260.0	11.3	0.021	320.0	68.0	0.750
201.0	47.7	0.368	261.0	10.1	0.017	321.0	69.4	0.781
202.0	47.5	0.366	262.0	8.9	0.013	322.0	70.8	0.813
203.0	47.4	0.364	263.0	7.7	0.010	323.0	72.2	0.845
204.0	47.2	0.362	264.0	6.5	0.007	324.0	73.6	0.879
205.0	47.1	0.360	265.0	5.3	0.005	325.0	75.0	0.912
206.0	46.8	0.356	266.0	5.0	0.004	326.0	76.2	0.942
207.0	46.6	0.352	267.0	4.8	0.004	327.0	77.4	0.972
208.0	46.3	0.347	268.0	4.5	0.003	328.0	78.6	1.002
209.0	46.0	0.343	269.0	4.3	0.003	329.0	79.8	1.033
210.0	45.7	0.339	270.0	4.0	0.003	330.0	81.0	1.064
211.0	45.5	0.336	271.0	5.0	0.004	331.0	82.0	1.091
212.0	45.4	0.334	272.0	6.0	0.006	332.0	83.0	1.117
213.0	45.2	0.331	273.0	7.0	0.008	333.0	84.0	1.144
214.0	45.0	0.329	274.0	8.0	0.010	334.0	85.0	1.172
215.0	44.9	0.327	275.0	9.0	0.013	335.0	86.0	1.199
216.0	44.4	0.320	276.0	10.0	0.016	336.0	87.1	1.232
217.0	44.0	0.313	277.0	11.0	0.020	337.0	88.3	1.264
218.0	43.5	0.307	278.0	12.0	0.023	338.0	89.4	1.297
219.0	43.0	0.300	279.0	13.0	0.027	339.0	90.6	1.330
220.0	42.6	0.294	280.0	14.0	0.032	340.0	91.7	1.364
221.0	42.1	0.287	281.0	15.2	0.037	341.0	92.4	1.383
222.0	41.6	0.280	282.0	16.4	0.044	342.0	93.0	1.403
223.0	41.1	0.274	283.0	17.6	0.050	343.0	93.7	1.423
224.0	40.6	0.267	284.0	18.8	0.057	344.0	94.3	1.443
225.0	40.1	0.260	285.0	20.0	0.065	345.0	95.0	1.464
226.0	39.5	0.254	286.0	21.4	0.074	346.0	95.6	1.482
227.0	39.0	0.247	287.0	22.8	0.084	347.0	96.2	1.501
228.0	38.5	0.240	288.0	24.2	0.095	348.0	96.8	1.520
229.0	37.9	0.234	289.0	25.6	0.106	349.0	97.4	1.539
230.0	37.4	0.227	290.0	27.0	0.118	350.0	98.0	1.558
231.0	36.8	0.220	291.0	28.2	0.129	351.0	98.2	1.564
232.0	36.3	0.214	292.0	29.4	0.140	352.0	98.4	1.570
233.0	35.7	0.207	293.0	30.6	0.152	353.0	98.6	1.577
234.0	35.1	0.200	294.0	31.8	0.164	354.0	98.8	1.583
235.0	34.6	0.194	295.0	33.0	0.177	355.0	99.0	1.590
236.0	33.8	0.186	296.0	34.4	0.192	356.0	99.2	1.596
237.0	33.1	0.177	297.0	35.8	0.208	357.0	99.4	1.602
238.0	32.3	0.169	298.0	37.2	0.224	358.0	99.6	1.609
239.0	31.5	0.161	299.0	38.6	0.242	359.0	99.8	1.615