

TX station: 1xAkl5

Gain solid integration : enabled

Site Name: Labelitaly

General data of Antenna System

TX station	1xAkl5
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)	30.0
Transmitter power(Watt)	1000.000
Carrier wave frequency (MHz)	98.000
Antenna system central frequency (MHz)	98.000
Antenna base diagrams type 1	LABEL ITALY-AKL_5 LOG 5 ELEM. FM WB
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	AKL_5 LOG 5 ELEM.
Band start(MHz)	88
Band stop(MHz)	108
diagrams Frequency(MHz)	98
Polariz (H,V,C,X)	V
Vertical dist (cm)	260
Height (cm)	173
Width (cm)	6
Thickness (cm)	143
Weight (Kg)	4.5
Maximum power (KW)	2
Gain (dBd)	6.2
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	20
R.C.Phase (°)	0

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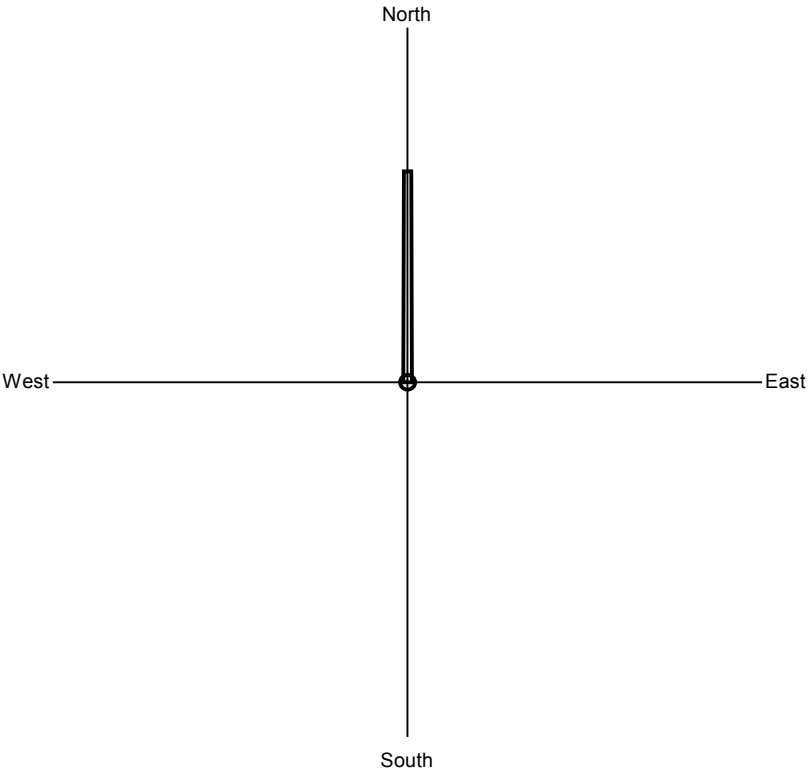
Geometr. and electrical data of Antenna System

	<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

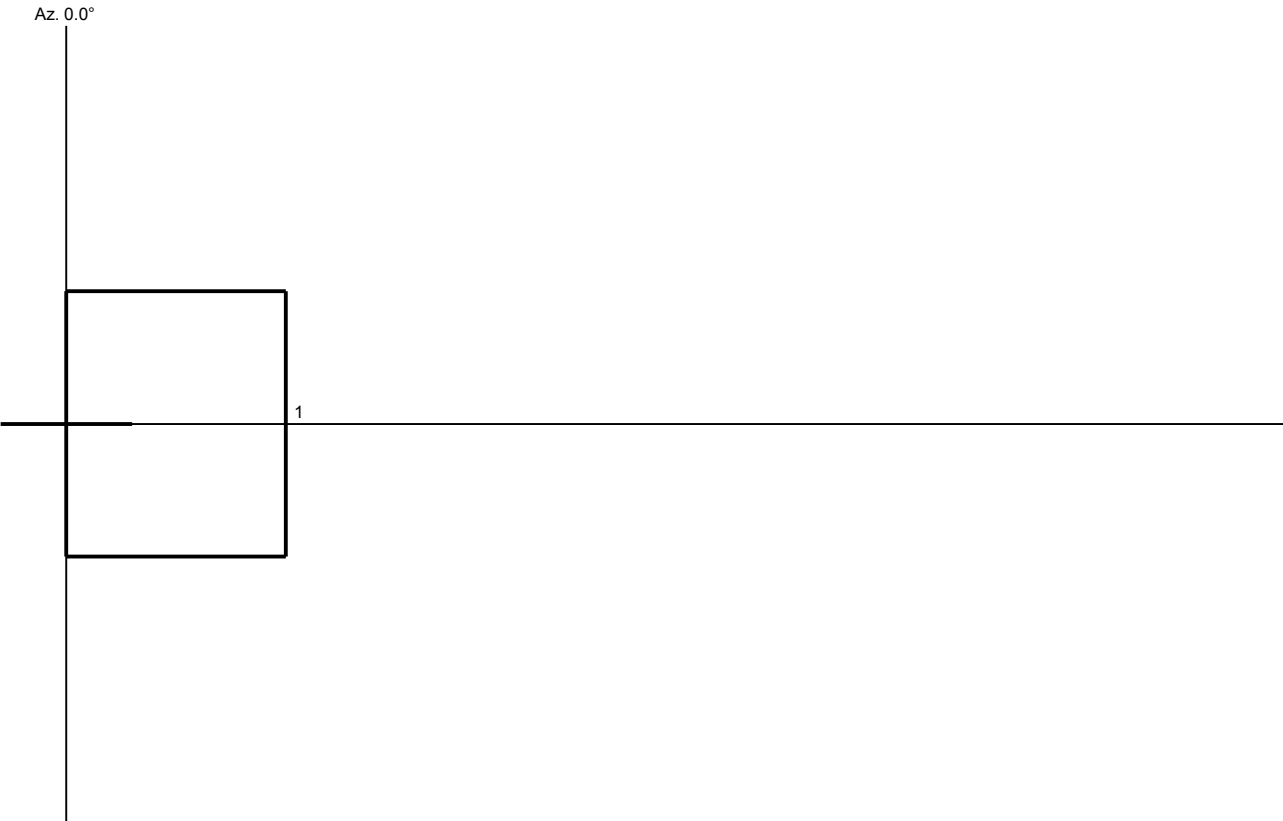
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Plan of antenna system



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)	6.20
G. Distribution losses (dB)	0.00
H. Nominal max gain [F - G] (dBd)	6.20
I. Compensation losses (dB)	0.00
J. Effec. max gain [H - I] (dBd)	6.20
K. Effec. max gain (times)	4.17
L. Effec. max power [E * K] (KW)	4.1687
M. Max power depr. angle (°)	0.0
N. Max power az. angle (°)	0

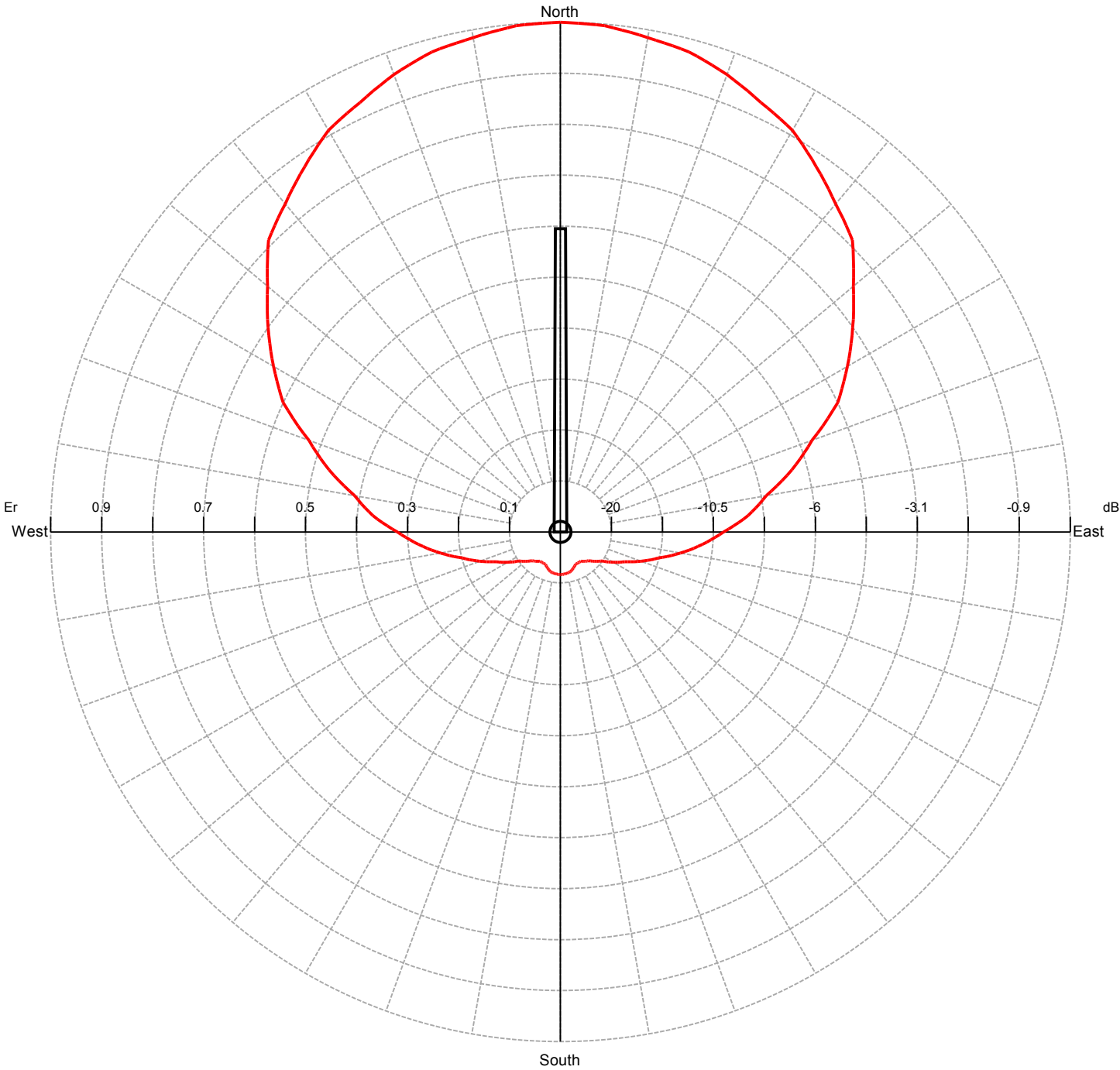
Diagram in dBK calculated at horizon

Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	6.2	90	-3.7	180	-13.8	270	-3.7
10	6.1	100	-6.2	190	-13.8	280	-1.5
20	5.8	110	-9.3	200	-13.8	290	0.6
30	5.4	120	-12.3	210	-13.8	300	2.5
40	4.7	130	-13.8	220	-13.8	310	3.7
50	3.7	140	-13.8	230	-13.8	320	4.7
60	2.5	150	-13.8	240	-12.3	330	5.4
70	0.6	160	-13.8	250	-9.3	340	5.8
80	-1.5	170	-13.8	260	-6.2	350	6.1

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Horizontal diagram at 0.0° depres. (Total Antenna)



0.0° depres. (Total Antenna), Gain (dBd): 6.2 ERP T.Max(KW): 4.1687 ERP E.Max(KW): 4.1687

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Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
0.0	100.0	4.169	60.0	65.0	1.761	120.0	11.9	0.059
1.0	99.9	4.164	61.0	64.0	1.707	121.0	11.5	0.055
2.0	99.9	4.159	62.0	63.0	1.655	122.0	11.1	0.051
3.0	99.8	4.154	63.0	62.0	1.602	123.0	10.7	0.048
4.0	99.8	4.149	64.0	61.0	1.551	124.0	10.3	0.045
5.0	99.7	4.144	65.0	60.0	1.501	125.0	9.9	0.041
6.0	99.5	4.124	66.0	58.5	1.427	126.0	9.8	0.040
7.0	99.2	4.104	67.0	57.0	1.354	127.0	9.6	0.038
8.0	99.0	4.084	68.0	55.5	1.284	128.0	9.4	0.037
9.0	98.7	4.064	69.0	54.0	1.216	129.0	9.2	0.035
10.0	98.5	4.045	70.0	52.5	1.149	130.0	9.0	0.034
11.0	98.3	4.028	71.0	51.4	1.101	131.0	8.8	0.032
12.0	98.1	4.012	72.0	50.3	1.055	132.0	8.6	0.031
13.0	97.9	3.995	73.0	49.2	1.009	133.0	8.4	0.029
14.0	97.7	3.979	74.0	48.1	0.964	134.0	8.2	0.028
15.0	97.5	3.963	75.0	47.0	0.921	135.0	8.0	0.027
16.0	97.1	3.930	76.0	45.8	0.874	136.0	7.9	0.026
17.0	96.7	3.898	77.0	44.6	0.829	137.0	7.8	0.025
18.0	96.3	3.866	78.0	43.4	0.785	138.0	7.7	0.025
19.0	95.9	3.834	79.0	42.2	0.742	139.0	7.6	0.024
20.0	95.5	3.802	80.0	41.0	0.701	140.0	7.5	0.023
21.0	95.0	3.762	81.0	40.2	0.674	141.0	7.4	0.023
22.0	94.5	3.723	82.0	39.4	0.647	142.0	7.3	0.022
23.0	94.0	3.683	83.0	38.6	0.621	143.0	7.2	0.022
24.0	93.5	3.644	84.0	37.8	0.596	144.0	7.1	0.021
25.0	93.0	3.606	85.0	37.0	0.571	145.0	7.0	0.020
26.0	92.6	3.575	86.0	36.0	0.540	146.0	7.0	0.020
27.0	92.2	3.544	87.0	35.0	0.511	147.0	7.0	0.020
28.0	91.8	3.513	88.0	34.0	0.482	148.0	7.0	0.020
29.0	91.4	3.483	89.0	33.0	0.454	149.0	7.0	0.020
30.0	91.0	3.452	90.0	32.0	0.427	150.0	7.0	0.020
31.0	90.3	3.399	91.0	31.2	0.406	151.0	7.0	0.020
32.0	89.6	3.347	92.0	30.4	0.385	152.0	7.0	0.020
33.0	88.9	3.295	93.0	29.6	0.365	153.0	7.0	0.020
34.0	88.2	3.243	94.0	28.8	0.345	154.0	7.0	0.020
35.0	87.5	3.192	95.0	28.0	0.326	155.0	7.0	0.020
36.0	86.8	3.141	96.0	27.1	0.307	156.0	7.1	0.021
37.0	86.1	3.090	97.0	26.3	0.289	157.0	7.2	0.022
38.0	85.4	3.040	98.0	25.5	0.271	158.0	7.3	0.022
39.0	84.7	2.991	99.0	24.7	0.254	159.0	7.4	0.023
40.0	84.0	2.941	100.0	23.9	0.238	160.0	7.5	0.023
41.0	83.4	2.900	101.0	23.1	0.222	161.0	7.6	0.024
42.0	82.8	2.858	102.0	22.3	0.206	162.0	7.7	0.025
43.0	82.2	2.817	103.0	21.4	0.192	163.0	7.8	0.025
44.0	81.6	2.776	104.0	20.6	0.178	164.0	7.9	0.026
45.0	81.0	2.735	105.0	19.8	0.164	165.0	8.0	0.027
46.0	79.8	2.655	106.0	19.2	0.154	166.0	8.0	0.027
47.0	78.6	2.575	107.0	18.6	0.145	167.0	8.1	0.027
48.0	77.4	2.497	108.0	18.0	0.135	168.0	8.1	0.027
49.0	76.2	2.421	109.0	17.4	0.126	169.0	8.2	0.028
50.0	75.0	2.345	110.0	16.8	0.118	170.0	8.2	0.028
51.0	74.0	2.283	111.0	16.2	0.110	171.0	8.2	0.028
52.0	73.0	2.221	112.0	15.6	0.102	172.0	8.2	0.028
53.0	72.0	2.161	113.0	15.0	0.094	173.0	8.3	0.028
54.0	71.0	2.101	114.0	14.4	0.087	174.0	8.3	0.029
55.0	70.0	2.043	115.0	13.9	0.080	175.0	8.3	0.029
56.0	69.0	1.985	116.0	13.5	0.076	176.0	8.3	0.029
57.0	68.0	1.928	117.0	13.1	0.071	177.0	8.3	0.029
58.0	67.0	1.871	118.0	12.7	0.067	178.0	8.4	0.029
59.0	66.0	1.816	119.0	12.3	0.063	179.0	8.4	0.029

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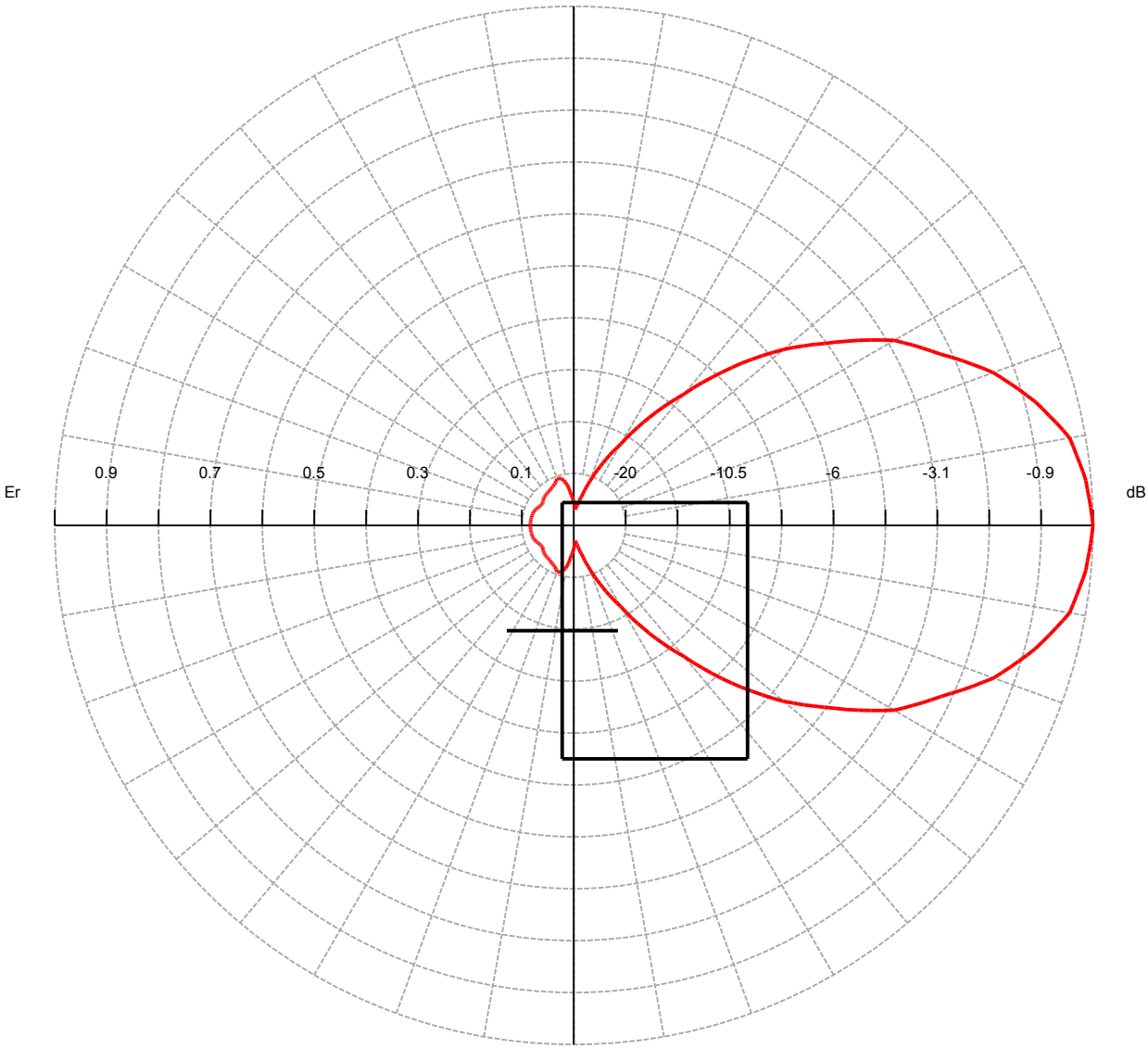
Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
180.0	8.4	0.029	240.0	11.9	0.059	300.0	65.0	1.761
181.0	8.4	0.029	241.0	12.3	0.063	301.0	66.0	1.816
182.0	8.4	0.029	242.0	12.7	0.067	302.0	67.0	1.871
183.0	8.3	0.029	243.0	13.1	0.071	303.0	68.0	1.928
184.0	8.3	0.029	244.0	13.5	0.076	304.0	69.0	1.985
185.0	8.3	0.029	245.0	13.9	0.080	305.0	70.0	2.043
186.0	8.3	0.029	246.0	14.4	0.087	306.0	71.0	2.101
187.0	8.3	0.028	247.0	15.0	0.094	307.0	72.0	2.161
188.0	8.2	0.028	248.0	15.6	0.102	308.0	73.0	2.221
189.0	8.2	0.028	249.0	16.2	0.110	309.0	74.0	2.283
190.0	8.2	0.028	250.0	16.8	0.118	310.0	75.0	2.345
191.0	8.2	0.028	251.0	17.4	0.126	311.0	76.2	2.421
192.0	8.1	0.027	252.0	18.0	0.135	312.0	77.4	2.497
193.0	8.1	0.027	253.0	18.6	0.145	313.0	78.6	2.575
194.0	8.0	0.027	254.0	19.2	0.154	314.0	79.8	2.655
195.0	8.0	0.027	255.0	19.8	0.164	315.0	81.0	2.735
196.0	7.9	0.026	256.0	20.6	0.178	316.0	81.6	2.776
197.0	7.8	0.025	257.0	21.4	0.192	317.0	82.2	2.817
198.0	7.7	0.025	258.0	22.3	0.206	318.0	82.8	2.858
199.0	7.6	0.024	259.0	23.1	0.222	319.0	83.4	2.900
200.0	7.5	0.023	260.0	23.9	0.238	320.0	84.0	2.941
201.0	7.4	0.023	261.0	24.7	0.254	321.0	84.7	2.991
202.0	7.3	0.022	262.0	25.5	0.271	322.0	85.4	3.040
203.0	7.2	0.022	263.0	26.3	0.289	323.0	86.1	3.090
204.0	7.1	0.021	264.0	27.1	0.307	324.0	86.8	3.141
205.0	7.0	0.020	265.0	28.0	0.326	325.0	87.5	3.192
206.0	7.0	0.020	266.0	28.8	0.345	326.0	88.2	3.243
207.0	7.0	0.020	267.0	29.6	0.365	327.0	88.9	3.295
208.0	7.0	0.020	268.0	30.4	0.385	328.0	89.6	3.347
209.0	7.0	0.020	269.0	31.2	0.406	329.0	90.3	3.399
210.0	7.0	0.020	270.0	32.0	0.427	330.0	91.0	3.452
211.0	7.0	0.020	271.0	33.0	0.454	331.0	91.4	3.483
212.0	7.0	0.020	272.0	34.0	0.482	332.0	91.8	3.513
213.0	7.0	0.020	273.0	35.0	0.511	333.0	92.2	3.544
214.0	7.0	0.020	274.0	36.0	0.540	334.0	92.6	3.575
215.0	7.0	0.020	275.0	37.0	0.571	335.0	93.0	3.606
216.0	7.1	0.021	276.0	37.8	0.596	336.0	93.5	3.644
217.0	7.2	0.022	277.0	38.6	0.621	337.0	94.0	3.683
218.0	7.3	0.022	278.0	39.4	0.647	338.0	94.5	3.723
219.0	7.4	0.023	279.0	40.2	0.674	339.0	95.0	3.762
220.0	7.5	0.023	280.0	41.0	0.701	340.0	95.5	3.802
221.0	7.6	0.024	281.0	42.2	0.742	341.0	95.9	3.834
222.0	7.7	0.025	282.0	43.4	0.785	342.0	96.3	3.866
223.0	7.8	0.025	283.0	44.6	0.829	343.0	96.7	3.898
224.0	7.9	0.026	284.0	45.8	0.874	344.0	97.1	3.930
225.0	8.0	0.027	285.0	47.0	0.921	345.0	97.5	3.963
226.0	8.2	0.028	286.0	48.1	0.964	346.0	97.7	3.979
227.0	8.4	0.029	287.0	49.2	1.009	347.0	97.9	3.995
228.0	8.6	0.031	288.0	50.3	1.055	348.0	98.1	4.012
229.0	8.8	0.032	289.0	51.4	1.101	349.0	98.3	4.028
230.0	9.0	0.034	290.0	52.5	1.149	350.0	98.5	4.045
231.0	9.2	0.035	291.0	54.0	1.216	351.0	98.7	4.064
232.0	9.4	0.037	292.0	55.5	1.284	352.0	99.0	4.084
233.0	9.6	0.038	293.0	57.0	1.354	353.0	99.2	4.104
234.0	9.8	0.040	294.0	58.5	1.427	354.0	99.5	4.124
235.0	9.9	0.041	295.0	60.0	1.501	355.0	99.7	4.144
236.0	10.3	0.045	296.0	61.0	1.551	356.0	99.8	4.149
237.0	10.7	0.048	297.0	62.0	1.602	357.0	99.8	4.154
238.0	11.1	0.051	298.0	63.0	1.655	358.0	99.9	4.159
239.0	11.5	0.055	299.0	64.0	1.707	359.0	99.9	4.164

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Vertical diagram at an azimuth of 0.0° degrees



0.0° Az. (Total Antenna), Gain (dBd): 6.2

ERP T.Max(KW): 4.1687 ERP E.Max(KW): 4.1687

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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	4.169	60.0	18.1	0.137	120.0	8.4	0.030
1.0	99.8	4.152	61.0	17.1	0.122	121.0	8.4	0.029
2.0	99.6	4.135	62.0	16.1	0.109	122.0	8.3	0.029
3.0	99.4	4.119	63.0	15.2	0.096	123.0	8.3	0.028
4.0	99.2	4.102	64.0	14.2	0.084	124.0	8.2	0.028
5.0	99.0	4.086	65.0	13.2	0.073	125.0	8.1	0.028
6.0	98.6	4.053	66.0	12.4	0.064	126.0	8.1	0.027
7.0	98.2	4.020	67.0	11.6	0.056	127.0	8.1	0.027
8.0	97.8	3.987	68.0	10.7	0.048	128.0	8.1	0.027
9.0	97.4	3.955	69.0	9.9	0.041	129.0	8.1	0.027
10.0	97.0	3.922	70.0	9.1	0.035	130.0	8.0	0.027
11.0	96.0	3.842	71.0	8.4	0.030	131.0	8.0	0.027
12.0	95.0	3.762	72.0	7.8	0.025	132.0	8.0	0.027
13.0	94.0	3.683	73.0	7.1	0.021	133.0	8.0	0.026
14.0	93.0	3.606	74.0	6.5	0.017	134.0	7.9	0.026
15.0	92.0	3.528	75.0	5.8	0.014	135.0	7.9	0.026
16.0	90.8	3.437	76.0	5.4	0.012	136.0	7.9	0.026
17.0	89.6	3.347	77.0	5.0	0.011	137.0	7.8	0.026
18.0	88.4	3.258	78.0	4.7	0.009	138.0	7.8	0.025
19.0	87.2	3.170	79.0	4.3	0.008	139.0	7.7	0.025
20.0	86.0	3.083	80.0	3.9	0.006	140.0	7.7	0.025
21.0	84.4	2.970	81.0	3.7	0.006	141.0	7.6	0.024
22.0	82.8	2.858	82.0	3.5	0.005	142.0	7.6	0.024
23.0	81.2	2.749	83.0	3.4	0.005	143.0	7.5	0.023
24.0	79.6	2.641	84.0	3.2	0.004	144.0	7.4	0.023
25.0	78.0	2.536	85.0	3.0	0.004	145.0	7.3	0.022
26.0	76.6	2.449	86.0	3.3	0.005	146.0	7.4	0.023
27.0	75.3	2.363	87.0	3.6	0.005	147.0	7.4	0.023
28.0	73.9	2.279	88.0	3.9	0.006	148.0	7.4	0.023
29.0	72.6	2.196	89.0	4.1	0.007	149.0	7.4	0.023
30.0	71.2	2.114	90.0	4.4	0.008	150.0	7.5	0.023
31.0	69.3	2.001	91.0	4.7	0.009	151.0	7.5	0.024
32.0	67.3	1.891	92.0	5.0	0.011	152.0	7.6	0.024
33.0	65.4	1.784	93.0	5.3	0.012	153.0	7.6	0.024
34.0	63.5	1.680	94.0	5.6	0.013	154.0	7.7	0.025
35.0	61.5	1.579	95.0	5.9	0.014	155.0	7.8	0.025
36.0	59.6	1.481	96.0	6.3	0.017	156.0	7.8	0.026
37.0	57.9	1.396	97.0	6.8	0.019	157.0	7.9	0.026
38.0	56.2	1.314	98.0	7.2	0.022	158.0	8.0	0.027
39.0	54.4	1.235	99.0	7.7	0.024	159.0	8.0	0.027
40.0	52.7	1.158	100.0	8.1	0.027	160.0	8.1	0.027
41.0	50.8	1.074	101.0	8.4	0.029	161.0	8.2	0.028
42.0	48.8	0.994	102.0	8.6	0.031	162.0	8.2	0.028
43.0	46.9	0.916	103.0	8.9	0.033	163.0	8.2	0.028
44.0	44.9	0.842	104.0	9.1	0.035	164.0	8.3	0.028
45.0	43.0	0.771	105.0	9.3	0.036	165.0	8.3	0.029
46.0	41.0	0.701	106.0	9.4	0.037	166.0	8.3	0.029
47.0	39.0	0.634	107.0	9.4	0.037	167.0	8.3	0.029
48.0	37.0	0.571	108.0	9.5	0.037	168.0	8.3	0.029
49.0	35.0	0.511	109.0	9.5	0.038	169.0	8.3	0.029
50.0	33.0	0.454	110.0	9.5	0.038	170.0	8.3	0.029
51.0	31.5	0.413	111.0	9.3	0.036	171.0	8.3	0.029
52.0	30.0	0.374	112.0	9.2	0.035	172.0	8.4	0.029
53.0	28.4	0.337	113.0	9.0	0.034	173.0	8.4	0.029
54.0	26.9	0.302	114.0	8.9	0.033	174.0	8.4	0.029
55.0	25.4	0.269	115.0	8.7	0.032	175.0	8.4	0.029
56.0	23.9	0.239	116.0	8.7	0.031	176.0	8.4	0.029
57.0	22.5	0.211	117.0	8.6	0.031	177.0	8.4	0.029
58.0	21.0	0.184	118.0	8.5	0.030	178.0	8.4	0.029
59.0	19.6	0.159	119.0	8.5	0.030	179.0	8.4	0.029

TX station: 1xAkl5
 Frequency: 98.00 MHz
 Gain solid integration : enabled

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	8.4	0.029	240.0	8.4	0.030	300.0	18.1	0.137
181.0	8.4	0.029	241.0	8.5	0.030	301.0	19.6	0.159
182.0	8.4	0.029	242.0	8.5	0.030	302.0	21.0	0.184
183.0	8.4	0.029	243.0	8.6	0.031	303.0	22.5	0.211
184.0	8.4	0.029	244.0	8.7	0.031	304.0	23.9	0.239
185.0	8.4	0.029	245.0	8.7	0.032	305.0	25.4	0.269
186.0	8.4	0.029	246.0	8.9	0.033	306.0	26.9	0.302
187.0	8.4	0.029	247.0	9.0	0.034	307.0	28.4	0.337
188.0	8.4	0.029	248.0	9.2	0.035	308.0	30.0	0.374
189.0	8.3	0.029	249.0	9.3	0.036	309.0	31.5	0.413
190.0	8.3	0.029	250.0	9.5	0.038	310.0	33.0	0.454
191.0	8.3	0.029	251.0	9.5	0.038	311.0	35.0	0.511
192.0	8.3	0.029	252.0	9.5	0.037	312.0	37.0	0.571
193.0	8.3	0.029	253.0	9.4	0.037	313.0	39.0	0.634
194.0	8.3	0.029	254.0	9.4	0.037	314.0	41.0	0.701
195.0	8.3	0.029	255.0	9.3	0.036	315.0	43.0	0.771
196.0	8.3	0.028	256.0	9.1	0.035	316.0	44.9	0.842
197.0	8.2	0.028	257.0	8.9	0.033	317.0	46.9	0.916
198.0	8.2	0.028	258.0	8.6	0.031	318.0	48.8	0.994
199.0	8.2	0.028	259.0	8.4	0.029	319.0	50.8	1.074
200.0	8.1	0.027	260.0	8.1	0.027	320.0	52.7	1.158
201.0	8.0	0.027	261.0	7.7	0.024	321.0	54.4	1.235
202.0	8.0	0.027	262.0	7.2	0.022	322.0	56.2	1.314
203.0	7.9	0.026	263.0	6.8	0.019	323.0	57.9	1.396
204.0	7.8	0.026	264.0	6.3	0.017	324.0	59.6	1.481
205.0	7.8	0.025	265.0	5.9	0.014	325.0	61.5	1.579
206.0	7.7	0.025	266.0	5.6	0.013	326.0	63.5	1.680
207.0	7.6	0.024	267.0	5.3	0.012	327.0	65.4	1.784
208.0	7.6	0.024	268.0	5.0	0.011	328.0	67.3	1.891
209.0	7.5	0.024	269.0	4.7	0.009	329.0	69.3	2.001
210.0	7.5	0.023	270.0	4.4	0.008	330.0	71.2	2.114
211.0	7.4	0.023	271.0	4.1	0.007	331.0	72.6	2.196
212.0	7.4	0.023	272.0	3.9	0.006	332.0	73.9	2.279
213.0	7.4	0.023	273.0	3.6	0.005	333.0	75.3	2.363
214.0	7.4	0.023	274.0	3.3	0.005	334.0	76.6	2.449
215.0	7.3	0.022	275.0	3.0	0.004	335.0	78.0	2.536
216.0	7.4	0.023	276.0	3.2	0.004	336.0	79.6	2.641
217.0	7.5	0.023	277.0	3.4	0.005	337.0	81.2	2.749
218.0	7.6	0.024	278.0	3.5	0.005	338.0	82.8	2.858
219.0	7.6	0.024	279.0	3.7	0.006	339.0	84.4	2.970
220.0	7.7	0.025	280.0	3.9	0.006	340.0	86.0	3.083
221.0	7.7	0.025	281.0	4.3	0.008	341.0	87.2	3.170
222.0	7.8	0.025	282.0	4.7	0.009	342.0	88.4	3.258
223.0	7.8	0.026	283.0	5.0	0.011	343.0	89.6	3.347
224.0	7.9	0.026	284.0	5.4	0.012	344.0	90.8	3.437
225.0	7.9	0.026	285.0	5.8	0.014	345.0	92.0	3.528
226.0	7.9	0.026	286.0	6.5	0.017	346.0	93.0	3.606
227.0	8.0	0.026	287.0	7.1	0.021	347.0	94.0	3.683
228.0	8.0	0.027	288.0	7.8	0.025	348.0	95.0	3.762
229.0	8.0	0.027	289.0	8.4	0.030	349.0	96.0	3.842
230.0	8.0	0.027	290.0	9.1	0.035	350.0	97.0	3.922
231.0	8.1	0.027	291.0	9.9	0.041	351.0	97.4	3.955
232.0	8.1	0.027	292.0	10.7	0.048	352.0	97.8	3.987
233.0	8.1	0.027	293.0	11.6	0.056	353.0	98.2	4.020
234.0	8.1	0.027	294.0	12.4	0.064	354.0	98.6	4.053
235.0	8.1	0.028	295.0	13.2	0.073	355.0	99.0	4.086
236.0	8.2	0.028	296.0	14.2	0.084	356.0	99.2	4.102
237.0	8.3	0.028	297.0	15.2	0.096	357.0	99.4	4.119
238.0	8.3	0.029	298.0	16.1	0.109	358.0	99.6	4.135
239.0	8.4	0.029	299.0	17.1	0.122	359.0	99.8	4.152