TX station: 1xAkl8
Gain solid integration : enabled

Site Name: Labelitaly

General data of Antenna System

TX station	1xAkl8
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)	98.000
Antenna system central frequency (MHz)	98.000
Antenna base diagrams type 1	LABEL ITALY-AKL_8 LOG 8 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

	Antenna type 1
Manufacturer	LABEL ITALY
Antenna model	AKL_8 LOG 8 ELEM. F
Band start(MHz)	88
Band stop(MHz)	108
diagrams Frequency(MHz)	98
Polariz (H,V,C,X)	V
Vertical dist (cm)	260
Height (cm)	168
Width (cm)	6
Thickness (cm)	260
Weight (Kg)	14
Maximum power (KW)	2
Gain (dBd)	7.82
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	20
R.C.Phase (°)	0

TX station: 1xAkl8
Frequency: 98.00 MHz
Gain solid integration : enabled

Site Name: Labelitaly

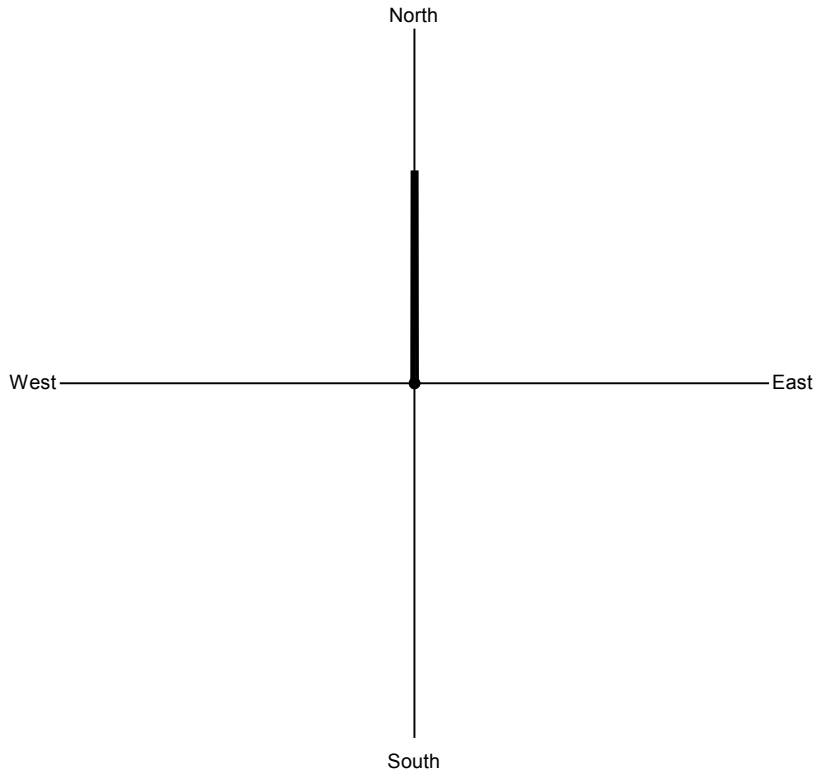
Geometr. and electrical data of Antenna System

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

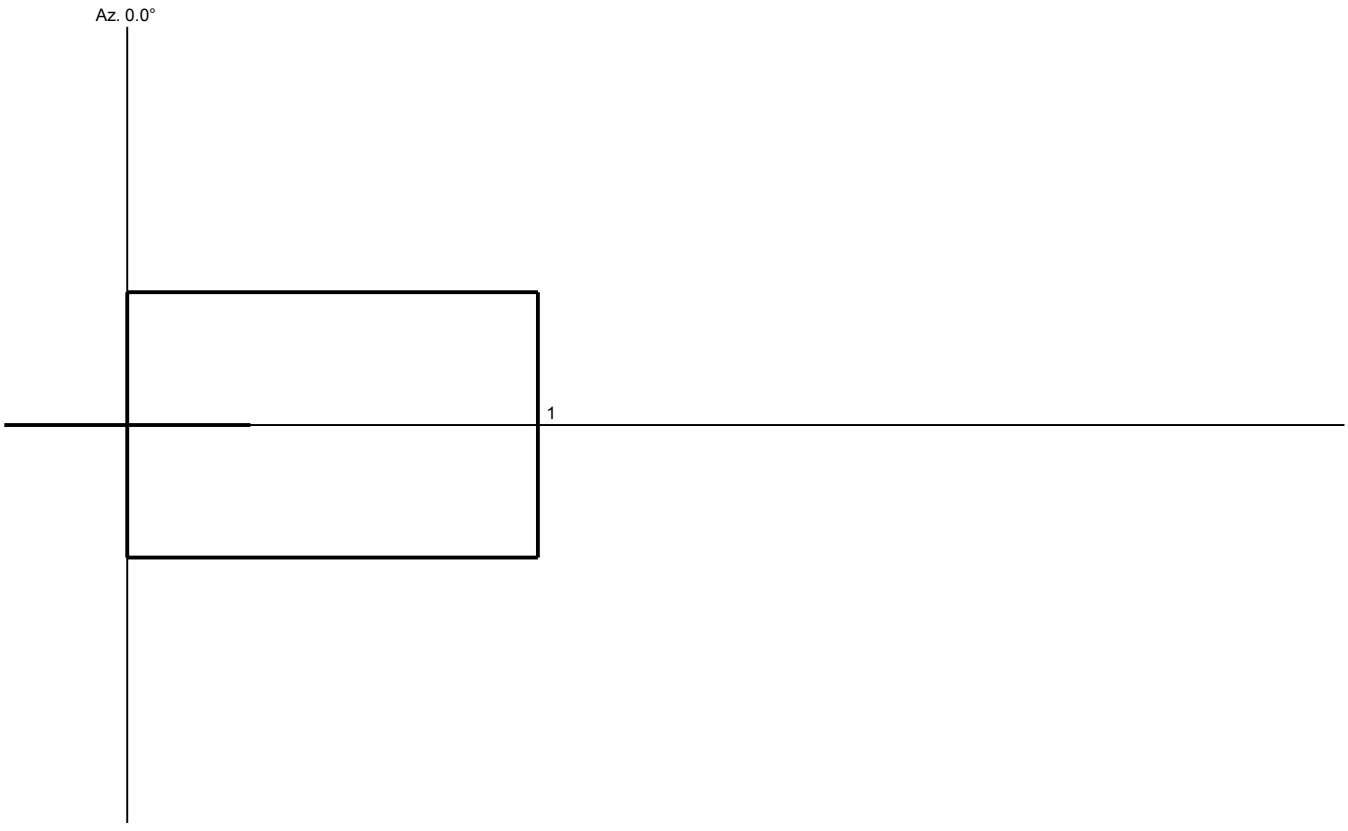
TX station: 1xAkl8
Frequency: 98.00 MHz
Gain solid integration : enabled

Site Name: Labelitaly

Plan of antenna system



Side of antenna system



TX station: 1xAkl8
Frequency: 98.00 MHz
Gain solid integration : enabled

Site Name: Labelitaly

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)	7.82
G. Distribution losses (dB)	0.00
H. Nominal max gain [F - G] (dBd)	7.82
I. Compensation losses (dB)	0.00
J. Effec. max gain [H - I] (dBd)	7.82
K. Effec. max gain (times)	6.05
L. Effec. max power [E * K] (KW)	6.0534
M. Max power depr. angle (°)	0.0
N. Max power az. angle (°)	0

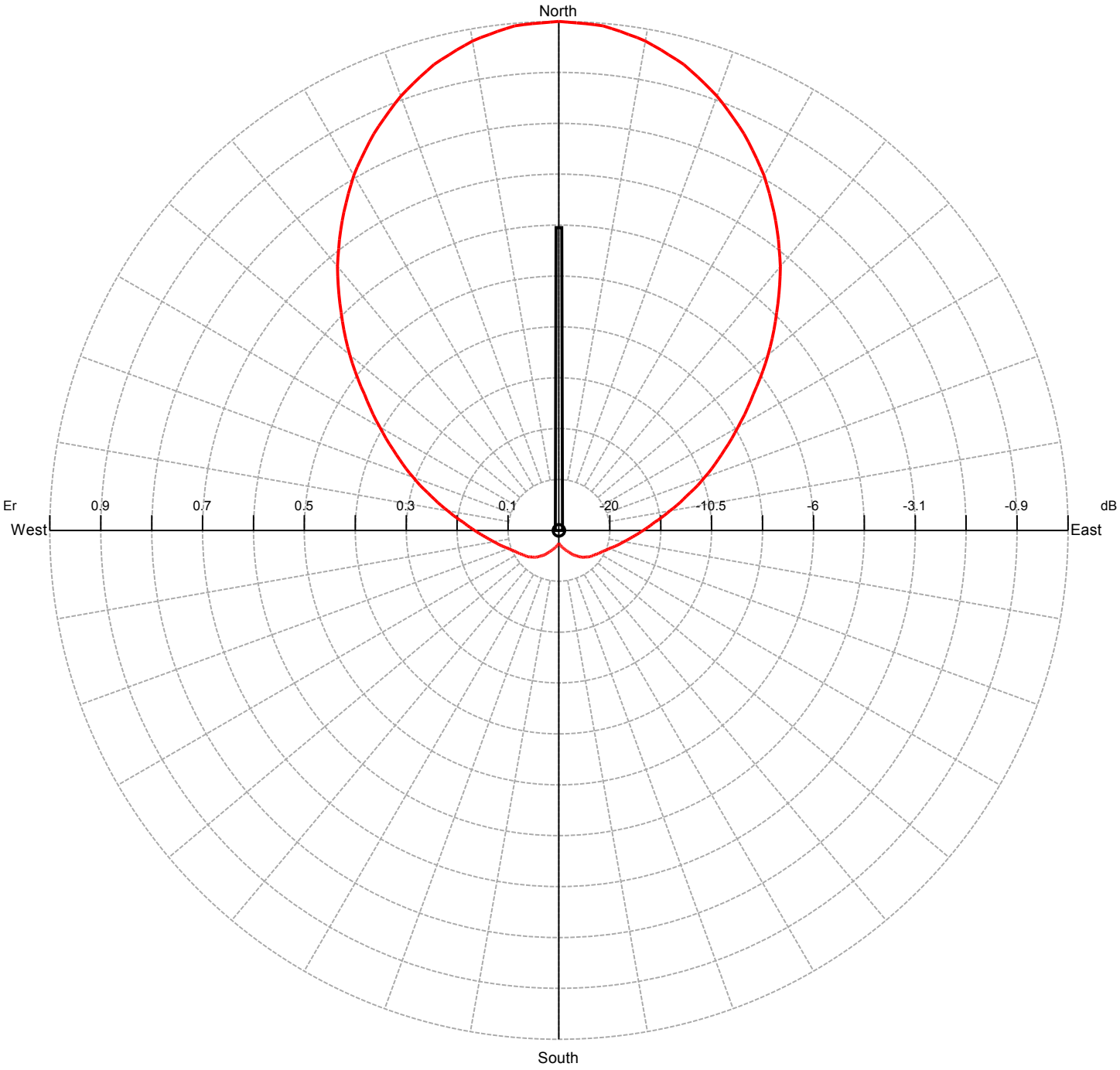
Diagram in dBK calculated at horizon

Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	7.8	90	-7.8	180	-12.2	270	-7.8
10	7.6	100	-9.9	190	-12.2	280	-5.3
20	7.0	110	-11.8	200	-12.2	290	-2.5
30	5.9	120	-12.2	210	-12.2	300	0.0
40	4.4	130	-12.2	220	-12.2	310	2.4
50	2.4	140	-12.2	230	-12.2	320	4.4
60	0.0	150	-12.2	240	-12.2	330	5.9
70	-2.5	160	-12.2	250	-11.8	340	7.0
80	-5.3	170	-12.2	260	-9.9	350	7.6

TX station: 1xAkl8
Frequency: 98.00 MHz
Gain solid integration : enabled

Site Name: Labelitaly

Horizontal diagram at 0.0° depres. (Total Antenna)



0.0° depres. (Total Antenna), Gain (dBd): 7.82

ERP T.Max(KW): 6.0534 ERP E.Max(KW): 6.0534

TX station: 1xAkl8
Frequency: 98.00 MHz
Gain solid integration : enabled

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	6.053	60.0	40.6	0.998	120.0	9.0	0.049
1.0	99.9	6.042	61.0	39.5	0.946	121.0	8.9	0.048
2.0	99.8	6.031	62.0	38.5	0.895	122.0	8.8	0.047
3.0	99.7	6.019	63.0	37.4	0.846	123.0	8.7	0.046
4.0	99.6	6.008	64.0	36.3	0.798	124.0	8.5	0.044
5.0	99.5	5.997	65.0	35.2	0.751	125.0	8.4	0.043
6.0	99.2	5.952	66.0	34.3	0.711	126.0	8.4	0.042
7.0	98.8	5.908	67.0	33.3	0.672	127.0	8.3	0.041
8.0	98.4	5.864	68.0	32.4	0.634	128.0	8.2	0.041
9.0	98.1	5.820	69.0	31.4	0.598	129.0	8.1	0.040
10.0	97.7	5.776	70.0	30.5	0.562	130.0	8.1	0.039
11.0	97.1	5.708	71.0	29.6	0.529	131.0	7.9	0.038
12.0	96.5	5.639	72.0	28.7	0.497	132.0	7.8	0.037
13.0	95.9	5.571	73.0	27.7	0.466	133.0	7.7	0.036
14.0	95.4	5.504	74.0	26.8	0.436	134.0	7.5	0.034
15.0	94.8	5.436	75.0	25.9	0.407	135.0	7.4	0.033
16.0	94.0	5.346	76.0	25.2	0.384	136.0	7.3	0.032
17.0	93.2	5.256	77.0	24.4	0.361	137.0	7.2	0.031
18.0	92.4	5.167	78.0	23.7	0.339	138.0	7.1	0.030
19.0	91.6	5.079	79.0	22.9	0.318	139.0	7.0	0.030
20.0	90.8	4.992	80.0	22.2	0.298	140.0	6.9	0.029
21.0	89.8	4.886	81.0	21.5	0.280	141.0	6.7	0.028
22.0	88.9	4.782	82.0	20.9	0.264	142.0	6.6	0.026
23.0	87.9	4.679	83.0	20.2	0.248	143.0	6.4	0.025
24.0	87.0	4.577	84.0	19.6	0.232	144.0	6.3	0.024
25.0	86.0	4.477	85.0	18.9	0.217	145.0	6.1	0.023
26.0	84.9	4.364	86.0	18.4	0.206	146.0	6.0	0.022
27.0	83.8	4.254	87.0	18.0	0.196	147.0	5.9	0.021
28.0	82.7	4.145	88.0	17.5	0.185	148.0	5.8	0.020
29.0	81.7	4.037	89.0	17.0	0.176	149.0	5.6	0.019
30.0	80.6	3.930	90.0	16.6	0.166	150.0	5.5	0.018
31.0	79.3	3.808	91.0	16.1	0.158	151.0	5.4	0.017
32.0	78.0	3.687	92.0	15.7	0.150	152.0	5.2	0.016
33.0	76.8	3.568	93.0	15.3	0.142	153.0	5.0	0.015
34.0	75.5	3.451	94.0	14.9	0.135	154.0	4.9	0.014
35.0	74.2	3.336	95.0	14.5	0.127	155.0	4.7	0.014
36.0	72.9	3.219	96.0	14.2	0.122	156.0	4.6	0.013
37.0	71.6	3.104	97.0	13.9	0.117	157.0	4.5	0.012
38.0	70.3	2.991	98.0	13.6	0.111	158.0	4.4	0.012
39.0	69.0	2.880	99.0	13.3	0.106	159.0	4.3	0.011
40.0	67.7	2.771	100.0	12.9	0.101	160.0	4.2	0.011
41.0	66.2	2.655	101.0	12.7	0.097	161.0	4.1	0.010
42.0	64.8	2.542	102.0	12.4	0.093	162.0	4.0	0.010
43.0	63.4	2.430	103.0	12.2	0.090	163.0	3.9	0.009
44.0	61.9	2.322	104.0	11.9	0.086	164.0	3.8	0.009
45.0	60.5	2.216	105.0	11.6	0.082	165.0	3.7	0.008
46.0	59.1	2.116	106.0	11.4	0.079	166.0	3.6	0.008
47.0	57.7	2.018	107.0	11.2	0.076	167.0	3.5	0.008
48.0	56.4	1.922	108.0	11.0	0.073	168.0	3.4	0.007
49.0	55.0	1.829	109.0	10.7	0.070	169.0	3.4	0.007
50.0	53.6	1.738	110.0	10.5	0.067	170.0	3.3	0.006
51.0	52.2	1.649	111.0	10.3	0.064	171.0	3.2	0.006
52.0	50.8	1.563	112.0	10.1	0.062	172.0	3.1	0.006
53.0	49.4	1.479	113.0	10.0	0.060	173.0	3.0	0.006
54.0	48.0	1.397	114.0	9.8	0.058	174.0	3.0	0.005
55.0	46.6	1.317	115.0	9.6	0.056	175.0	2.9	0.005
56.0	45.4	1.250	116.0	9.5	0.055	176.0	2.8	0.005
57.0	44.2	1.184	117.0	9.4	0.053	177.0	2.7	0.005
58.0	43.0	1.120	118.0	9.3	0.052	178.0	2.7	0.004
59.0	41.8	1.058	119.0	9.2	0.051	179.0	2.6	0.004

TX station: 1xAkl8
Frequency: 98.00 MHz
Gain solid integration : enabled

Site Name: Labelitaly

Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
180.0	2.5	0.004	240.0	9.0	0.049	300.0	40.6	0.998
181.0	2.6	0.004	241.0	9.2	0.051	301.0	41.8	1.058
182.0	2.7	0.004	242.0	9.3	0.052	302.0	43.0	1.120
183.0	2.7	0.005	243.0	9.4	0.053	303.0	44.2	1.184
184.0	2.8	0.005	244.0	9.5	0.055	304.0	45.4	1.250
185.0	2.9	0.005	245.0	9.6	0.056	305.0	46.6	1.317
186.0	3.0	0.005	246.0	9.8	0.058	306.0	48.0	1.397
187.0	3.0	0.006	247.0	10.0	0.060	307.0	49.4	1.479
188.0	3.1	0.006	248.0	10.1	0.062	308.0	50.8	1.563
189.0	3.2	0.006	249.0	10.3	0.064	309.0	52.2	1.649
190.0	3.3	0.006	250.0	10.5	0.067	310.0	53.6	1.738
191.0	3.4	0.007	251.0	10.7	0.070	311.0	55.0	1.829
192.0	3.4	0.007	252.0	11.0	0.073	312.0	56.4	1.922
193.0	3.5	0.008	253.0	11.2	0.076	313.0	57.7	2.018
194.0	3.6	0.008	254.0	11.4	0.079	314.0	59.1	2.116
195.0	3.7	0.008	255.0	11.6	0.082	315.0	60.5	2.216
196.0	3.8	0.009	256.0	11.9	0.086	316.0	61.9	2.322
197.0	3.9	0.009	257.0	12.2	0.090	317.0	63.4	2.430
198.0	4.0	0.010	258.0	12.4	0.093	318.0	64.8	2.542
199.0	4.1	0.010	259.0	12.7	0.097	319.0	66.2	2.655
200.0	4.2	0.011	260.0	12.9	0.101	320.0	67.7	2.771
201.0	4.3	0.011	261.0	13.3	0.106	321.0	69.0	2.880
202.0	4.4	0.012	262.0	13.6	0.111	322.0	70.3	2.991
203.0	4.5	0.012	263.0	13.9	0.117	323.0	71.6	3.104
204.0	4.6	0.013	264.0	14.2	0.122	324.0	72.9	3.219
205.0	4.7	0.014	265.0	14.5	0.127	325.0	74.2	3.336
206.0	4.9	0.014	266.0	14.9	0.135	326.0	75.5	3.451
207.0	5.0	0.015	267.0	15.3	0.142	327.0	76.8	3.568
208.0	5.2	0.016	268.0	15.7	0.150	328.0	78.0	3.687
209.0	5.4	0.017	269.0	16.1	0.158	329.0	79.3	3.808
210.0	5.5	0.018	270.0	16.6	0.166	330.0	80.6	3.930
211.0	5.6	0.019	271.0	17.0	0.176	331.0	81.7	4.037
212.0	5.8	0.020	272.0	17.5	0.185	332.0	82.7	4.145
213.0	5.9	0.021	273.0	18.0	0.196	333.0	83.8	4.254
214.0	6.0	0.022	274.0	18.4	0.206	334.0	84.9	4.364
215.0	6.1	0.023	275.0	18.9	0.217	335.0	86.0	4.477
216.0	6.3	0.024	276.0	19.6	0.232	336.0	87.0	4.577
217.0	6.4	0.025	277.0	20.2	0.248	337.0	87.9	4.679
218.0	6.6	0.026	278.0	20.9	0.264	338.0	88.9	4.782
219.0	6.7	0.028	279.0	21.5	0.280	339.0	89.8	4.886
220.0	6.9	0.029	280.0	22.2	0.298	340.0	90.8	4.992
221.0	7.0	0.030	281.0	22.9	0.318	341.0	91.6	5.079
222.0	7.1	0.030	282.0	23.7	0.339	342.0	92.4	5.167
223.0	7.2	0.031	283.0	24.4	0.361	343.0	93.2	5.256
224.0	7.3	0.032	284.0	25.2	0.384	344.0	94.0	5.346
225.0	7.4	0.033	285.0	25.9	0.407	345.0	94.8	5.436
226.0	7.5	0.034	286.0	26.8	0.436	346.0	95.4	5.504
227.0	7.7	0.036	287.0	27.7	0.466	347.0	95.9	5.571
228.0	7.8	0.037	288.0	28.7	0.497	348.0	96.5	5.639
229.0	7.9	0.038	289.0	29.6	0.529	349.0	97.1	5.708
230.0	8.1	0.039	290.0	30.5	0.562	350.0	97.7	5.776
231.0	8.1	0.040	291.0	31.4	0.598	351.0	98.1	5.820
232.0	8.2	0.041	292.0	32.4	0.634	352.0	98.4	5.864
233.0	8.3	0.041	293.0	33.3	0.672	353.0	98.8	5.908
234.0	8.4	0.042	294.0	34.3	0.711	354.0	99.2	5.952
235.0	8.4	0.043	295.0	35.2	0.751	355.0	99.5	5.997
236.0	8.5	0.044	296.0	36.3	0.798	356.0	99.6	6.008
237.0	8.7	0.046	297.0	37.4	0.846	357.0	99.7	6.019
238.0	8.8	0.047	298.0	38.5	0.895	358.0	99.8	6.031
239.0	8.9	0.048	299.0	39.5	0.946	359.0	99.9	6.042

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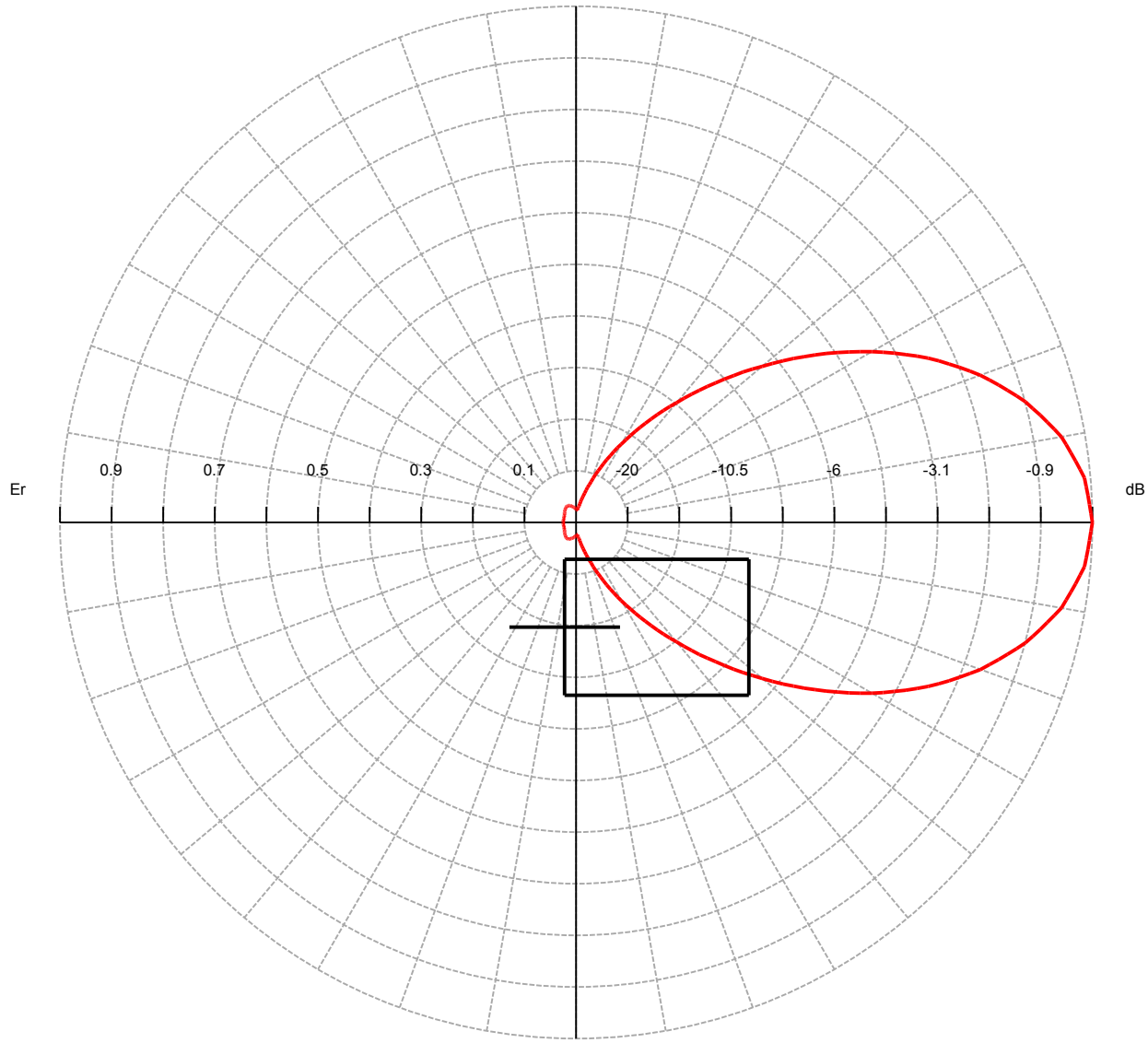
Vertical diagram at an azimuth of 0.0° degrees



0.0° Az. (Total Antenna), Gain (dBd): 7.82

ERP T.Max(KW): 6.0534 ERP E.Max(KW): 6.0534

TX station: 1xAkl8
Frequency: 98.00 MHz
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Site Name: Labelitaly

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	6.053	60.0	17.5	0.185	120.0	3.6	0.008
1.0	99.8	6.025	61.0	16.5	0.165	121.0	3.6	0.008
2.0	99.5	5.997	62.0	15.5	0.145	122.0	3.6	0.008
3.0	99.3	5.968	63.0	14.5	0.127	123.0	3.5	0.008
4.0	99.1	5.940	64.0	13.5	0.110	124.0	3.5	0.007
5.0	98.8	5.912	65.0	12.5	0.095	125.0	3.5	0.007
6.0	98.2	5.832	66.0	11.7	0.083	126.0	3.4	0.007
7.0	97.5	5.753	67.0	10.8	0.071	127.0	3.4	0.007
8.0	96.8	5.674	68.0	10.0	0.061	128.0	3.4	0.007
9.0	96.1	5.596	69.0	9.2	0.051	129.0	3.3	0.007
10.0	95.5	5.518	70.0	8.4	0.042	130.0	3.3	0.007
11.0	94.4	5.395	71.0	7.7	0.036	131.0	3.3	0.006
12.0	93.3	5.273	72.0	7.1	0.031	132.0	3.2	0.006
13.0	92.3	5.153	73.0	6.5	0.026	133.0	3.2	0.006
14.0	91.2	5.035	74.0	5.9	0.021	134.0	3.2	0.006
15.0	90.1	4.917	75.0	5.3	0.017	135.0	3.1	0.006
16.0	88.8	4.770	76.0	4.9	0.014	136.0	3.1	0.006
17.0	87.4	4.625	77.0	4.5	0.012	137.0	3.0	0.006
18.0	86.1	4.483	78.0	4.1	0.010	138.0	3.0	0.005
19.0	84.7	4.342	79.0	3.7	0.008	139.0	3.0	0.005
20.0	83.3	4.204	80.0	3.3	0.006	140.0	2.9	0.005
21.0	81.7	4.043	81.0	3.1	0.006	141.0	2.9	0.005
22.0	80.1	3.885	82.0	2.9	0.005	142.0	2.9	0.005
23.0	78.5	3.730	83.0	2.7	0.005	143.0	2.8	0.005
24.0	76.9	3.579	84.0	2.6	0.004	144.0	2.8	0.005
25.0	75.3	3.430	85.0	2.4	0.004	145.0	2.8	0.005
26.0	73.5	3.266	86.0	2.4	0.004	146.0	2.7	0.005
27.0	71.6	3.106	87.0	2.4	0.004	147.0	2.7	0.004
28.0	69.8	2.951	88.0	2.5	0.004	148.0	2.7	0.004
29.0	68.0	2.799	89.0	2.5	0.004	149.0	2.7	0.004
30.0	66.2	2.651	90.0	2.5	0.004	150.0	2.6	0.004
31.0	64.3	2.499	91.0	2.6	0.004	151.0	2.6	0.004
32.0	62.3	2.352	92.0	2.6	0.004	152.0	2.6	0.004
33.0	60.4	2.209	93.0	2.7	0.004	153.0	2.6	0.004
34.0	58.5	2.070	94.0	2.7	0.005	154.0	2.6	0.004
35.0	56.6	1.936	95.0	2.8	0.005	155.0	2.6	0.004
36.0	54.6	1.808	96.0	2.8	0.005	156.0	2.6	0.004
37.0	52.7	1.684	97.0	2.9	0.005	157.0	2.6	0.004
38.0	50.8	1.565	98.0	2.9	0.005	158.0	2.5	0.004
39.0	48.9	1.450	99.0	3.0	0.005	159.0	2.5	0.004
40.0	47.0	1.339	100.0	3.0	0.006	160.0	2.5	0.004
41.0	45.3	1.240	101.0	3.1	0.006	161.0	2.5	0.004
42.0	43.5	1.145	102.0	3.1	0.006	162.0	2.5	0.004
43.0	41.7	1.054	103.0	3.1	0.006	163.0	2.5	0.004
44.0	40.0	0.966	104.0	3.2	0.006	164.0	2.5	0.004
45.0	38.2	0.883	105.0	3.2	0.006	165.0	2.5	0.004
46.0	36.6	0.811	106.0	3.2	0.006	166.0	2.5	0.004
47.0	35.0	0.742	107.0	3.3	0.007	167.0	2.5	0.004
48.0	33.4	0.676	108.0	3.3	0.007	168.0	2.5	0.004
49.0	31.8	0.613	109.0	3.4	0.007	169.0	2.5	0.004
50.0	30.2	0.553	110.0	3.4	0.007	170.0	2.5	0.004
51.0	28.9	0.505	111.0	3.4	0.007	171.0	2.5	0.004
52.0	27.5	0.458	112.0	3.5	0.007	172.0	2.5	0.004
53.0	26.1	0.413	113.0	3.5	0.008	173.0	2.5	0.004
54.0	24.8	0.371	114.0	3.6	0.008	174.0	2.5	0.004
55.0	23.4	0.331	115.0	3.6	0.008	175.0	2.5	0.004
56.0	22.2	0.299	116.0	3.6	0.008	176.0	2.5	0.004
57.0	21.0	0.268	117.0	3.6	0.008	177.0	2.5	0.004
58.0	19.8	0.238	118.0	3.6	0.008	178.0	2.5	0.004
59.0	18.7	0.211	119.0	3.6	0.008	179.0	2.5	0.004

TX station: 1xAkl8
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	2.5	0.004	240.0	3.6	0.008	300.0	17.5	0.185
181.0	2.5	0.004	241.0	3.6	0.008	301.0	18.7	0.211
182.0	2.5	0.004	242.0	3.6	0.008	302.0	19.8	0.238
183.0	2.5	0.004	243.0	3.6	0.008	303.0	21.0	0.268
184.0	2.5	0.004	244.0	3.6	0.008	304.0	22.2	0.299
185.0	2.5	0.004	245.0	3.6	0.008	305.0	23.4	0.331
186.0	2.5	0.004	246.0	3.6	0.008	306.0	24.8	0.371
187.0	2.5	0.004	247.0	3.5	0.008	307.0	26.1	0.413
188.0	2.5	0.004	248.0	3.5	0.007	308.0	27.5	0.458
189.0	2.5	0.004	249.0	3.4	0.007	309.0	28.9	0.505
190.0	2.5	0.004	250.0	3.4	0.007	310.0	30.2	0.553
191.0	2.5	0.004	251.0	3.4	0.007	311.0	31.8	0.613
192.0	2.5	0.004	252.0	3.3	0.007	312.0	33.4	0.676
193.0	2.5	0.004	253.0	3.3	0.007	313.0	35.0	0.742
194.0	2.5	0.004	254.0	3.2	0.006	314.0	36.6	0.811
195.0	2.5	0.004	255.0	3.2	0.006	315.0	38.2	0.883
196.0	2.5	0.004	256.0	3.2	0.006	316.0	40.0	0.966
197.0	2.5	0.004	257.0	3.1	0.006	317.0	41.7	1.054
198.0	2.5	0.004	258.0	3.1	0.006	318.0	43.5	1.145
199.0	2.5	0.004	259.0	3.1	0.006	319.0	45.3	1.240
200.0	2.5	0.004	260.0	3.0	0.006	320.0	47.0	1.339
201.0	2.5	0.004	261.0	3.0	0.005	321.0	48.9	1.450
202.0	2.5	0.004	262.0	2.9	0.005	322.0	50.8	1.565
203.0	2.6	0.004	263.0	2.9	0.005	323.0	52.7	1.684
204.0	2.6	0.004	264.0	2.8	0.005	324.0	54.6	1.808
205.0	2.6	0.004	265.0	2.8	0.005	325.0	56.6	1.936
206.0	2.6	0.004	266.0	2.7	0.005	326.0	58.5	2.070
207.0	2.6	0.004	267.0	2.7	0.004	327.0	60.4	2.209
208.0	2.6	0.004	268.0	2.6	0.004	328.0	62.3	2.352
209.0	2.6	0.004	269.0	2.6	0.004	329.0	64.3	2.499
210.0	2.6	0.004	270.0	2.5	0.004	330.0	66.2	2.651
211.0	2.7	0.004	271.0	2.5	0.004	331.0	68.0	2.799
212.0	2.7	0.004	272.0	2.5	0.004	332.0	69.8	2.951
213.0	2.7	0.004	273.0	2.4	0.004	333.0	71.6	3.106
214.0	2.7	0.005	274.0	2.4	0.004	334.0	73.5	3.266
215.0	2.8	0.005	275.0	2.4	0.004	335.0	75.3	3.430
216.0	2.8	0.005	276.0	2.6	0.004	336.0	76.9	3.579
217.0	2.8	0.005	277.0	2.7	0.005	337.0	78.5	3.730
218.0	2.9	0.005	278.0	2.9	0.005	338.0	80.1	3.885
219.0	2.9	0.005	279.0	3.1	0.006	339.0	81.7	4.043
220.0	2.9	0.005	280.0	3.3	0.006	340.0	83.3	4.204
221.0	3.0	0.005	281.0	3.7	0.008	341.0	84.7	4.342
222.0	3.0	0.005	282.0	4.1	0.010	342.0	86.1	4.483
223.0	3.0	0.006	283.0	4.5	0.012	343.0	87.4	4.625
224.0	3.1	0.006	284.0	4.9	0.014	344.0	88.8	4.770
225.0	3.1	0.006	285.0	5.3	0.017	345.0	90.1	4.917
226.0	3.2	0.006	286.0	5.9	0.021	346.0	91.2	5.035
227.0	3.2	0.006	287.0	6.5	0.026	347.0	92.3	5.153
228.0	3.2	0.006	288.0	7.1	0.031	348.0	93.3	5.273
229.0	3.3	0.006	289.0	7.7	0.036	349.0	94.4	5.395
230.0	3.3	0.007	290.0	8.4	0.042	350.0	95.5	5.518
231.0	3.3	0.007	291.0	9.2	0.051	351.0	96.1	5.596
232.0	3.4	0.007	292.0	10.0	0.061	352.0	96.8	5.674
233.0	3.4	0.007	293.0	10.8	0.071	353.0	97.5	5.753
234.0	3.4	0.007	294.0	11.7	0.083	354.0	98.2	5.832
235.0	3.5	0.007	295.0	12.5	0.095	355.0	98.8	5.912
236.0	3.5	0.007	296.0	13.5	0.110	356.0	99.1	5.940
237.0	3.5	0.008	297.0	14.5	0.127	357.0	99.3	5.968
238.0	3.6	0.008	298.0	15.5	0.145	358.0	99.5	5.997
239.0	3.6	0.008	299.0	16.5	0.165	359.0	99.8	6.025