

TX station: Bkk2-v
Gain solid integration : disabled

Site Name: Labelitaly

General data of Antenna System

TX station	Bkk2-v
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)	200.000
Antenna system central frequency (MHz)	200.000
Antenna base diagrams type 1	LABEL ITALY-BKK_2V PANEL VHF 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	BKK_2V PANEL VHF WB
Band start(MHz)	174
Band stop(MHz)	225
diagrams Frequency(MHz)	200
Polariz (H,V,C,X)	V
Vertical dist (cm)	150
Height (cm)	87
Width (cm)	125
Thickness (cm)	40
Weight (Kg)	25
Maximum power (KW)	2
Gain (dBd)	7.5
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	24
R.C.Phase (°)	0

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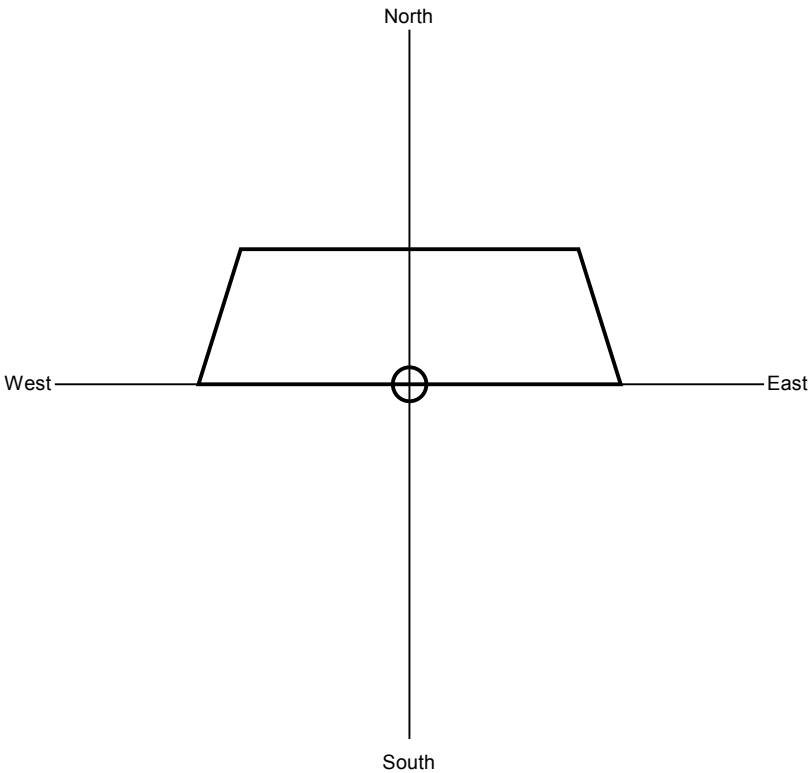
Geometr. and electrical data of Antenna System

	<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)	7.50
G. Distribution losses (dB)	0.00
H. Nominal max gain [F - G] (dBd)	7.50
I. Compensation losses (dB)	0.00
J. Effec. max gain [H - I] (dBd)	7.50
K. Effec. max gain (times)	5.62
L. Effec. max power [E * K] (KW)	5.6234
M. Max power depr. angle (°)	0.0
N. Max power az. angle (°)	0

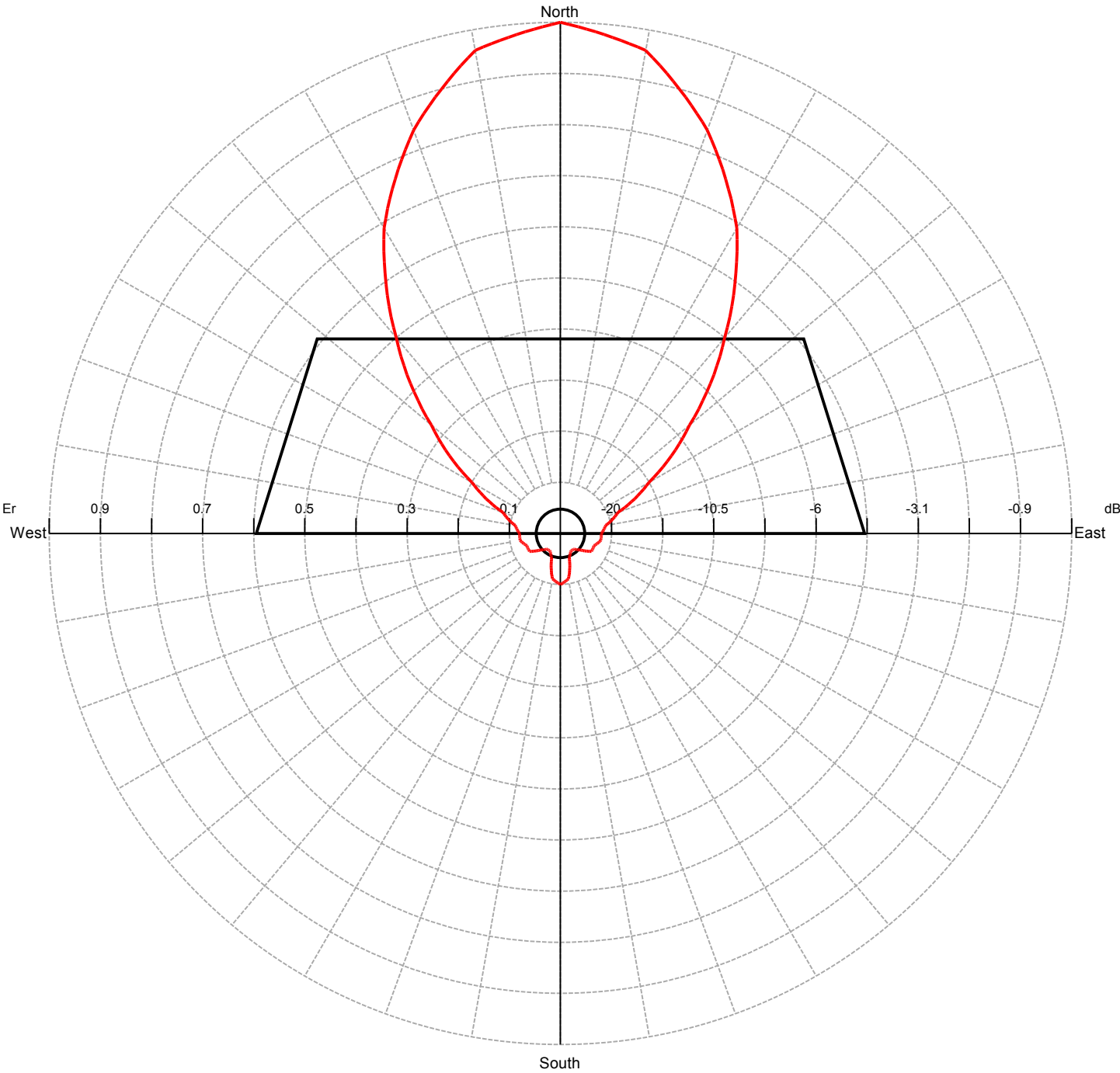
Diagram in dBK calculated at horizon

Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	7.5	90	-12.5	180	-12.5	270	-12.5
10	7.1	100	-12.5	190	-12.5	280	-12.5
20	6.0	110	-12.5	200	-12.5	290	-10.9
30	4.3	120	-12.5	210	-12.5	300	-6.5
40	1.5	130	-12.5	220	-12.5	310	-2.1
50	-2.1	140	-12.5	230	-12.5	320	1.5
60	-6.5	150	-12.5	240	-12.5	330	4.3
70	-10.9	160	-12.5	250	-12.5	340	6.0
80	-12.5	170	-12.5	260	-12.5	350	7.1

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Horizontal diagram at 0.0° depres. (Total Antenna)



0.0° depres. (Total Antenna), Gain (dBd): 7.5 ERP T.Max(KW): 5.6234 ERP E.Max(KW): 5.6234

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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	5.623	60.0	20.0	0.225	120.0	7.0	0.028
1.0	99.6	5.579	61.0	19.2	0.207	121.0	6.8	0.026
2.0	99.2	5.534	62.0	18.4	0.190	122.0	6.6	0.024
3.0	98.8	5.489	63.0	17.6	0.174	123.0	6.4	0.023
4.0	98.4	5.445	64.0	16.8	0.159	124.0	6.2	0.022
5.0	98.0	5.401	65.0	16.0	0.144	125.0	6.0	0.020
6.0	97.6	5.357	66.0	15.2	0.130	126.0	5.8	0.019
7.0	97.2	5.313	67.0	14.4	0.117	127.0	5.6	0.018
8.0	96.8	5.269	68.0	13.6	0.104	128.0	5.4	0.016
9.0	96.4	5.226	69.0	12.8	0.092	129.0	5.2	0.015
10.0	96.0	5.183	70.0	12.0	0.081	130.0	5.0	0.014
11.0	94.8	5.054	71.0	11.7	0.077	131.0	4.9	0.014
12.0	93.6	4.927	72.0	11.4	0.073	132.0	4.8	0.013
13.0	92.4	4.801	73.0	11.1	0.069	133.0	4.7	0.012
14.0	91.2	4.677	74.0	10.8	0.066	134.0	4.6	0.012
15.0	90.0	4.555	75.0	10.5	0.062	135.0	4.5	0.011
16.0	88.8	4.434	76.0	10.2	0.059	136.0	4.4	0.011
17.0	87.6	4.315	77.0	9.9	0.055	137.0	4.3	0.010
18.0	86.4	4.198	78.0	9.6	0.052	138.0	4.2	0.010
19.0	85.2	4.082	79.0	9.3	0.049	139.0	4.1	0.009
20.0	84.0	3.968	80.0	9.0	0.046	140.0	4.0	0.009
21.0	82.5	3.827	81.0	8.9	0.045	141.0	4.0	0.009
22.0	81.0	3.690	82.0	8.8	0.044	142.0	4.0	0.009
23.0	79.5	3.554	83.0	8.7	0.043	143.0	4.0	0.009
24.0	78.0	3.421	84.0	8.6	0.042	144.0	4.0	0.009
25.0	76.5	3.291	85.0	8.5	0.041	145.0	4.0	0.009
26.0	75.0	3.163	86.0	8.4	0.040	146.0	4.0	0.009
27.0	73.5	3.038	87.0	8.3	0.039	147.0	4.0	0.009
28.0	72.0	2.915	88.0	8.2	0.038	148.0	4.0	0.009
29.0	70.5	2.795	89.0	8.1	0.037	149.0	4.0	0.009
30.0	69.0	2.677	90.0	8.0	0.036	150.0	4.0	0.009
31.0	67.1	2.532	91.0	8.0	0.036	151.0	4.1	0.009
32.0	65.2	2.391	92.0	8.0	0.036	152.0	4.2	0.010
33.0	63.3	2.253	93.0	8.0	0.036	153.0	4.3	0.010
34.0	61.4	2.120	94.0	8.0	0.036	154.0	4.4	0.011
35.0	59.5	1.991	95.0	8.0	0.036	155.0	4.5	0.011
36.0	57.6	1.866	96.0	8.0	0.036	156.0	4.6	0.012
37.0	55.7	1.745	97.0	8.0	0.036	157.0	4.7	0.012
38.0	53.8	1.628	98.0	8.0	0.036	158.0	4.8	0.013
39.0	51.9	1.515	99.0	8.0	0.036	159.0	4.9	0.014
40.0	50.0	1.406	100.0	8.0	0.036	160.0	5.0	0.014
41.0	48.3	1.312	101.0	7.9	0.035	161.0	5.4	0.016
42.0	46.6	1.221	102.0	7.8	0.034	162.0	5.8	0.019
43.0	44.9	1.134	103.0	7.7	0.033	163.0	6.2	0.022
44.0	43.2	1.049	104.0	7.6	0.032	164.0	6.6	0.024
45.0	41.5	0.968	105.0	7.5	0.032	165.0	7.0	0.028
46.0	39.8	0.891	106.0	7.4	0.031	166.0	7.4	0.031
47.0	38.1	0.816	107.0	7.3	0.030	167.0	7.8	0.034
48.0	36.4	0.745	108.0	7.2	0.029	168.0	8.2	0.038
49.0	34.7	0.677	109.0	7.1	0.028	169.0	8.6	0.042
50.0	33.0	0.612	110.0	7.0	0.028	170.0	9.0	0.046
51.0	31.7	0.565	111.0	7.0	0.028	171.0	9.1	0.047
52.0	30.4	0.520	112.0	7.0	0.028	172.0	9.2	0.048
53.0	29.1	0.476	113.0	7.0	0.028	173.0	9.3	0.049
54.0	27.8	0.435	114.0	7.0	0.028	174.0	9.4	0.050
55.0	26.5	0.395	115.0	7.0	0.028	175.0	9.5	0.051
56.0	25.2	0.357	116.0	7.0	0.028	176.0	9.6	0.052
57.0	23.9	0.321	117.0	7.0	0.028	177.0	9.7	0.053
58.0	22.6	0.287	118.0	7.0	0.028	178.0	9.8	0.054
59.0	21.3	0.255	119.0	7.0	0.028	179.0	9.9	0.055

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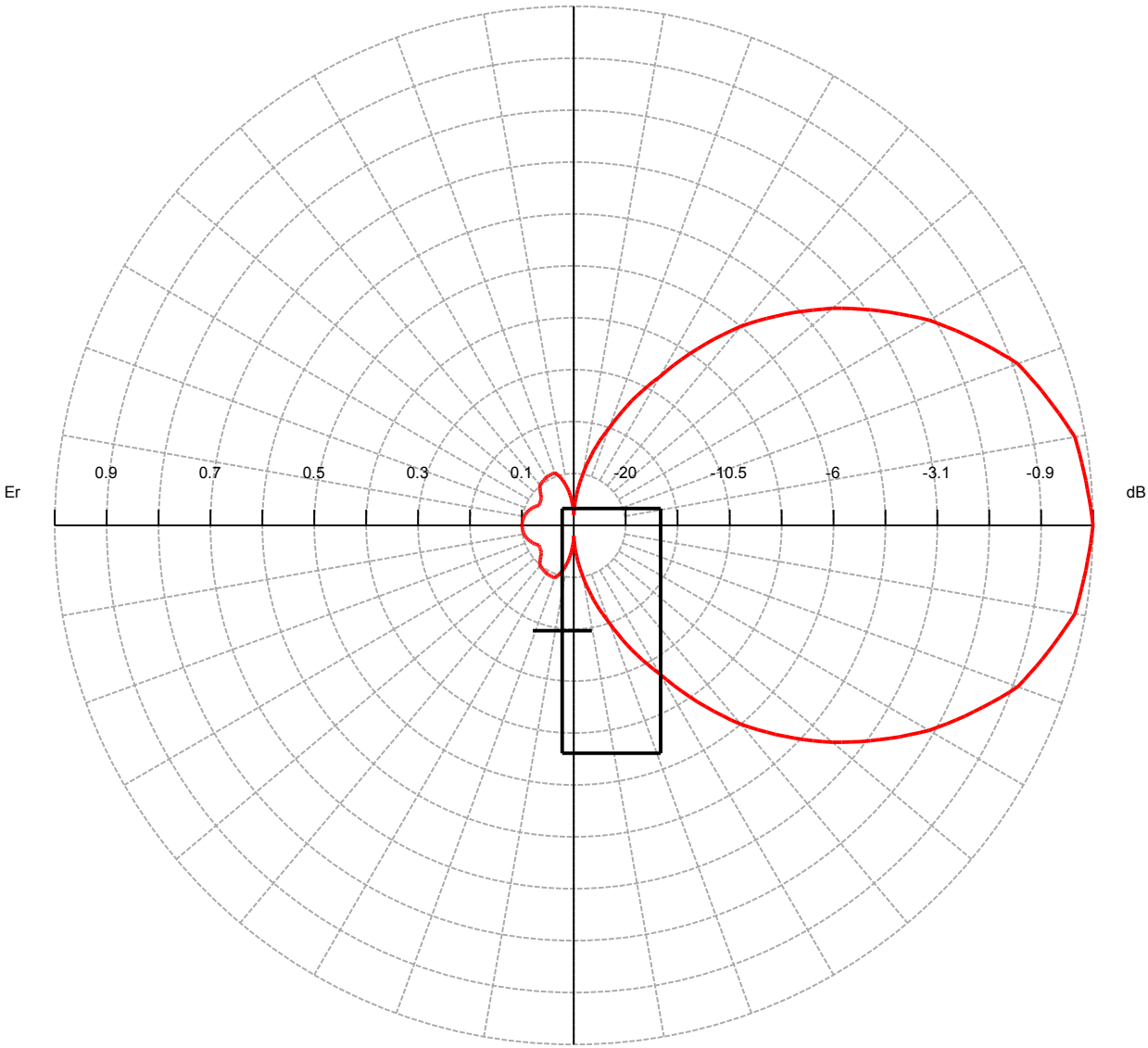
Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
180.0	10.0	0.056	240.0	7.0	0.028	300.0	20.0	0.225
181.0	9.9	0.055	241.0	7.0	0.028	301.0	21.3	0.255
182.0	9.8	0.054	242.0	7.0	0.028	302.0	22.6	0.287
183.0	9.7	0.053	243.0	7.0	0.028	303.0	23.9	0.321
184.0	9.6	0.052	244.0	7.0	0.028	304.0	25.2	0.357
185.0	9.5	0.051	245.0	7.0	0.028	305.0	26.5	0.395
186.0	9.4	0.050	246.0	7.0	0.028	306.0	27.8	0.435
187.0	9.3	0.049	247.0	7.0	0.028	307.0	29.1	0.476
188.0	9.2	0.048	248.0	7.0	0.028	308.0	30.4	0.520
189.0	9.1	0.047	249.0	7.0	0.028	309.0	31.7	0.565
190.0	9.0	0.046	250.0	7.0	0.028	310.0	33.0	0.612
191.0	8.6	0.042	251.0	7.1	0.028	311.0	34.7	0.677
192.0	8.2	0.038	252.0	7.2	0.029	312.0	36.4	0.745
193.0	7.8	0.034	253.0	7.3	0.030	313.0	38.1	0.816
194.0	7.4	0.031	254.0	7.4	0.031	314.0	39.8	0.891
195.0	7.0	0.028	255.0	7.5	0.032	315.0	41.5	0.968
196.0	6.6	0.024	256.0	7.6	0.032	316.0	43.2	1.049
197.0	6.2	0.022	257.0	7.7	0.033	317.0	44.9	1.134
198.0	5.8	0.019	258.0	7.8	0.034	318.0	46.6	1.221
199.0	5.4	0.016	259.0	7.9	0.035	319.0	48.3	1.312
200.0	5.0	0.014	260.0	8.0	0.036	320.0	50.0	1.406
201.0	4.9	0.014	261.0	8.0	0.036	321.0	51.9	1.515
202.0	4.8	0.013	262.0	8.0	0.036	322.0	53.8	1.628
203.0	4.7	0.012	263.0	8.0	0.036	323.0	55.7	1.745
204.0	4.6	0.012	264.0	8.0	0.036	324.0	57.6	1.866
205.0	4.5	0.011	265.0	8.0	0.036	325.0	59.5	1.991
206.0	4.4	0.011	266.0	8.0	0.036	326.0	61.4	2.120
207.0	4.3	0.010	267.0	8.0	0.036	327.0	63.3	2.253
208.0	4.2	0.010	268.0	8.0	0.036	328.0	65.2	2.391
209.0	4.1	0.009	269.0	8.0	0.036	329.0	67.1	2.532
210.0	4.0	0.009	270.0	8.0	0.036	330.0	69.0	2.677
211.0	4.0	0.009	271.0	8.1	0.037	331.0	70.5	2.795
212.0	4.0	0.009	272.0	8.2	0.038	332.0	72.0	2.915
213.0	4.0	0.009	273.0	8.3	0.039	333.0	73.5	3.038
214.0	4.0	0.009	274.0	8.4	0.040	334.0	75.0	3.163
215.0	4.0	0.009	275.0	8.5	0.041	335.0	76.5	3.291
216.0	4.0	0.009	276.0	8.6	0.042	336.0	78.0	3.421
217.0	4.0	0.009	277.0	8.7	0.043	337.0	79.5	3.554
218.0	4.0	0.009	278.0	8.8	0.044	338.0	81.0	3.690
219.0	4.0	0.009	279.0	8.9	0.045	339.0	82.5	3.827
220.0	4.0	0.009	280.0	9.0	0.046	340.0	84.0	3.968
221.0	4.1	0.009	281.0	9.3	0.049	341.0	85.2	4.082
222.0	4.2	0.010	282.0	9.6	0.052	342.0	86.4	4.198
223.0	4.3	0.010	283.0	9.9	0.055	343.0	87.6	4.315
224.0	4.4	0.011	284.0	10.2	0.059	344.0	88.8	4.434
225.0	4.5	0.011	285.0	10.5	0.062	345.0	90.0	4.555
226.0	4.6	0.012	286.0	10.8	0.066	346.0	91.2	4.677
227.0	4.7	0.012	287.0	11.1	0.069	347.0	92.4	4.801
228.0	4.8	0.013	288.0	11.4	0.073	348.0	93.6	4.927
229.0	4.9	0.014	289.0	11.7	0.077	349.0	94.8	5.054
230.0	5.0	0.014	290.0	12.0	0.081	350.0	96.0	5.183
231.0	5.2	0.015	291.0	12.8	0.092	351.0	96.4	5.226
232.0	5.4	0.016	292.0	13.6	0.104	352.0	96.8	5.269
233.0	5.6	0.018	293.0	14.4	0.117	353.0	97.2	5.313
234.0	5.8	0.019	294.0	15.2	0.130	354.0	97.6	5.357
235.0	6.0	0.020	295.0	16.0	0.144	355.0	98.0	5.401
236.0	6.2	0.022	296.0	16.8	0.159	356.0	98.4	5.445
237.0	6.4	0.023	297.0	17.6	0.174	357.0	98.8	5.489
238.0	6.6	0.024	298.0	18.4	0.190	358.0	99.2	5.534
239.0	6.8	0.026	299.0	19.2	0.207	359.0	99.6	5.579

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Vertical diagram at an azimuth of 0.0° degrees



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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	5.623	60.0	33.0	0.612	120.0	10.7	0.064
1.0	99.8	5.601	61.0	31.7	0.565	121.0	10.6	0.063
2.0	99.6	5.579	62.0	30.4	0.520	122.0	10.5	0.062
3.0	99.4	5.556	63.0	29.1	0.476	123.0	10.5	0.062
4.0	99.2	5.534	64.0	27.8	0.435	124.0	10.4	0.061
5.0	99.0	5.512	65.0	26.5	0.395	125.0	10.4	0.061
6.0	98.8	5.489	66.0	25.2	0.357	126.0	10.3	0.060
7.0	98.6	5.467	67.0	23.9	0.321	127.0	10.3	0.060
8.0	98.4	5.445	68.0	22.6	0.287	128.0	10.2	0.059
9.0	98.2	5.423	69.0	21.3	0.255	129.0	10.2	0.059
10.0	98.0	5.401	70.0	20.0	0.225	130.0	10.2	0.058
11.0	97.3	5.324	71.0	19.0	0.203	131.0	10.0	0.057
12.0	96.6	5.248	72.0	18.0	0.182	132.0	9.8	0.054
13.0	95.9	5.172	73.0	17.0	0.163	133.0	9.6	0.052
14.0	95.2	5.097	74.0	16.0	0.144	134.0	9.4	0.049
15.0	94.5	5.022	75.0	15.0	0.127	135.0	9.1	0.047
16.0	93.8	4.948	76.0	14.0	0.110	136.0	8.9	0.045
17.0	93.1	4.874	77.0	13.0	0.095	137.0	8.7	0.043
18.0	92.4	4.801	78.0	12.0	0.081	138.0	8.5	0.041
19.0	91.7	4.729	79.0	11.0	0.068	139.0	8.4	0.039
20.0	91.0	4.657	80.0	10.0	0.056	140.0	8.2	0.038
21.0	89.8	4.535	81.0	9.2	0.048	141.0	8.1	0.037
22.0	88.6	4.414	82.0	8.4	0.040	142.0	8.1	0.037
23.0	87.4	4.296	83.0	7.6	0.032	143.0	8.0	0.036
24.0	86.2	4.178	84.0	6.8	0.026	144.0	7.9	0.036
25.0	85.0	4.063	85.0	6.0	0.020	145.0	7.9	0.035
26.0	83.8	3.949	86.0	5.2	0.015	146.0	7.9	0.035
27.0	82.6	3.837	87.0	4.4	0.011	147.0	7.8	0.034
28.0	81.4	3.726	88.0	3.6	0.007	148.0	7.8	0.034
29.0	80.2	3.617	89.0	2.8	0.004	149.0	7.7	0.034
30.0	79.0	3.510	90.0	2.0	0.002	150.0	7.7	0.034
31.0	77.6	3.386	91.0	2.6	0.004	151.0	7.9	0.035
32.0	76.2	3.265	92.0	3.2	0.006	152.0	8.0	0.036
33.0	74.8	3.146	93.0	3.7	0.008	153.0	8.1	0.037
34.0	73.4	3.030	94.0	4.3	0.010	154.0	8.3	0.038
35.0	72.0	2.915	95.0	4.8	0.013	155.0	8.4	0.040
36.0	70.6	2.803	96.0	5.4	0.016	156.0	8.5	0.041
37.0	69.2	2.693	97.0	5.9	0.019	157.0	8.6	0.042
38.0	67.8	2.585	98.0	6.4	0.023	158.0	8.7	0.043
39.0	66.4	2.479	99.0	6.9	0.027	159.0	8.9	0.044
40.0	65.0	2.376	100.0	7.4	0.031	160.0	9.0	0.045
41.0	63.5	2.268	101.0	7.8	0.034	161.0	9.1	0.046
42.0	62.0	2.162	102.0	8.2	0.038	162.0	9.2	0.047
43.0	60.5	2.058	103.0	8.6	0.041	163.0	9.2	0.048
44.0	59.0	1.958	104.0	8.9	0.045	164.0	9.3	0.049
45.0	57.5	1.859	105.0	9.3	0.049	165.0	9.4	0.050
46.0	56.0	1.764	106.0	9.7	0.053	166.0	9.5	0.051
47.0	54.5	1.670	107.0	10.0	0.056	167.0	9.6	0.051
48.0	53.0	1.580	108.0	10.3	0.059	168.0	9.6	0.052
49.0	51.5	1.491	109.0	10.5	0.063	169.0	9.7	0.053
50.0	50.0	1.406	110.0	10.8	0.065	170.0	9.8	0.054
51.0	48.3	1.312	111.0	10.8	0.065	171.0	9.8	0.054
52.0	46.6	1.221	112.0	10.8	0.065	172.0	9.8	0.054
53.0	44.9	1.134	113.0	10.8	0.065	173.0	9.9	0.055
54.0	43.2	1.049	114.0	10.7	0.065	174.0	9.9	0.055
55.0	41.5	0.968	115.0	10.7	0.065	175.0	9.9	0.055
56.0	39.8	0.891	116.0	10.7	0.065	176.0	9.9	0.055
57.0	38.1	0.816	117.0	10.7	0.064	177.0	10.0	0.056
58.0	36.4	0.745	118.0	10.7	0.064	178.0	10.0	0.056
59.0	34.7	0.677	119.0	10.7	0.064	179.0	10.0	0.056

TX station: Bkk2-v
Frequency: 200.00 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	10.0	0.056	240.0	10.7	0.064	300.0	33.0	0.612
181.0	10.0	0.056	241.0	10.7	0.064	301.0	34.7	0.677
182.0	10.0	0.056	242.0	10.7	0.064	302.0	36.4	0.745
183.0	10.0	0.056	243.0	10.7	0.064	303.0	38.1	0.816
184.0	9.9	0.055	244.0	10.7	0.065	304.0	39.8	0.891
185.0	9.9	0.055	245.0	10.7	0.065	305.0	41.5	0.968
186.0	9.9	0.055	246.0	10.7	0.065	306.0	43.2	1.049
187.0	9.9	0.055	247.0	10.8	0.065	307.0	44.9	1.134
188.0	9.8	0.054	248.0	10.8	0.065	308.0	46.6	1.221
189.0	9.8	0.054	249.0	10.8	0.065	309.0	48.3	1.312
190.0	9.8	0.054	250.0	10.8	0.065	310.0	50.0	1.406
191.0	9.7	0.053	251.0	10.5	0.063	311.0	51.5	1.491
192.0	9.6	0.052	252.0	10.3	0.059	312.0	53.0	1.580
193.0	9.6	0.051	253.0	10.0	0.056	313.0	54.5	1.670
194.0	9.5	0.051	254.0	9.7	0.053	314.0	56.0	1.764
195.0	9.4	0.050	255.0	9.3	0.049	315.0	57.5	1.859
196.0	9.3	0.049	256.0	8.9	0.045	316.0	59.0	1.958
197.0	9.2	0.048	257.0	8.6	0.041	317.0	60.5	2.058
198.0	9.2	0.047	258.0	8.2	0.038	318.0	62.0	2.162
199.0	9.1	0.046	259.0	7.8	0.034	319.0	63.5	2.268
200.0	9.0	0.045	260.0	7.4	0.031	320.0	65.0	2.376
201.0	8.9	0.044	261.0	6.9	0.027	321.0	66.4	2.479
202.0	8.7	0.043	262.0	6.4	0.023	322.0	67.8	2.585
203.0	8.6	0.042	263.0	5.9	0.019	323.0	69.2	2.693
204.0	8.5	0.041	264.0	5.4	0.016	324.0	70.6	2.803
205.0	8.4	0.040	265.0	4.8	0.013	325.0	72.0	2.915
206.0	8.3	0.038	266.0	4.3	0.010	326.0	73.4	3.030
207.0	8.1	0.037	267.0	3.7	0.008	327.0	74.8	3.146
208.0	8.0	0.036	268.0	3.2	0.006	328.0	76.2	3.265
209.0	7.9	0.035	269.0	2.6	0.004	329.0	77.6	3.386
210.0	7.7	0.034	270.0	2.0	0.002	330.0	79.0	3.510
211.0	7.7	0.034	271.0	2.8	0.004	331.0	80.2	3.617
212.0	7.8	0.034	272.0	3.6	0.007	332.0	81.4	3.726
213.0	7.8	0.034	273.0	4.4	0.011	333.0	82.6	3.837
214.0	7.9	0.035	274.0	5.2	0.015	334.0	83.8	3.949
215.0	7.9	0.035	275.0	6.0	0.020	335.0	85.0	4.063
216.0	7.9	0.036	276.0	6.8	0.026	336.0	86.2	4.178
217.0	8.0	0.036	277.0	7.6	0.032	337.0	87.4	4.296
218.0	8.1	0.037	278.0	8.4	0.040	338.0	88.6	4.414
219.0	8.1	0.037	279.0	9.2	0.048	339.0	89.8	4.535
220.0	8.2	0.038	280.0	10.0	0.056	340.0	91.0	4.657
221.0	8.4	0.039	281.0	11.0	0.068	341.0	91.7	4.729
222.0	8.5	0.041	282.0	12.0	0.081	342.0	92.4	4.801
223.0	8.7	0.043	283.0	13.0	0.095	343.0	93.1	4.874
224.0	8.9	0.045	284.0	14.0	0.110	344.0	93.8	4.948
225.0	9.1	0.047	285.0	15.0	0.127	345.0	94.5	5.022
226.0	9.4	0.049	286.0	16.0	0.144	346.0	95.2	5.097
227.0	9.6	0.052	287.0	17.0	0.163	347.0	95.9	5.172
228.0	9.8	0.054	288.0	18.0	0.182	348.0	96.6	5.248
229.0	10.0	0.057	289.0	19.0	0.203	349.0	97.3	5.324
230.0	10.2	0.058	290.0	20.0	0.225	350.0	98.0	5.401
231.0	10.2	0.059	291.0	21.3	0.255	351.0	98.2	5.423
232.0	10.2	0.059	292.0	22.6	0.287	352.0	98.4	5.445
233.0	10.3	0.059	293.0	23.9	0.321	353.0	98.6	5.467
234.0	10.3	0.060	294.0	25.2	0.357	354.0	98.8	5.489
235.0	10.4	0.061	295.0	26.5	0.395	355.0	99.0	5.512
236.0	10.4	0.061	296.0	27.8	0.435	356.0	99.2	5.534
237.0	10.5	0.062	297.0	29.1	0.476	357.0	99.4	5.556
238.0	10.5	0.062	298.0	30.4	0.520	358.0	99.6	5.579
239.0	10.6	0.063	299.0	31.7	0.565	359.0	99.8	5.601