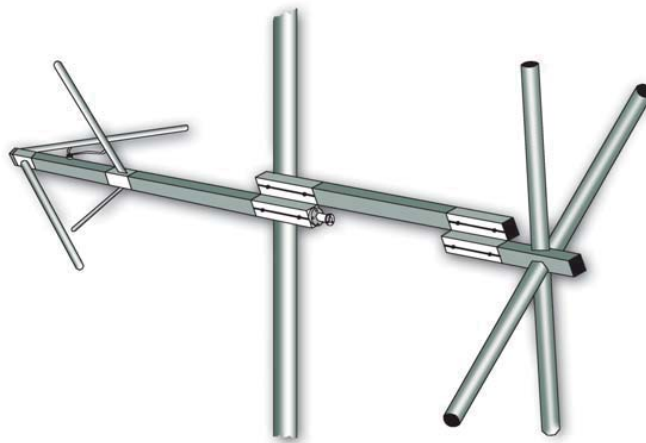


## 4 Bay TFC2K-D 98.1MHz



### General data of antenna System

TX station	
Site Name	
System of coordinates	WGS84
Longitude	
Latitude	
Ground level a.s.l. (m)	1.0
Antenna system height (m)	20.0
Transmitter power(Watt)	1.000
Carrier wave frequency (MHz)	98.100
Antenna system central frequency (MHz)	98.100
Antenna base diagrams type 1	TFC2K-D
Polarization (H/V/C/X)	C
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)	1.00
Coordinate System(C = cartesian, P = polar)	P
Mast side / diameter(cm)	0.0
Mast cross section (T/Q/C)	Q
Structure rotation w.r.t. North (°)	0.0
Mast rotation w.r.t. North (°)	0.0

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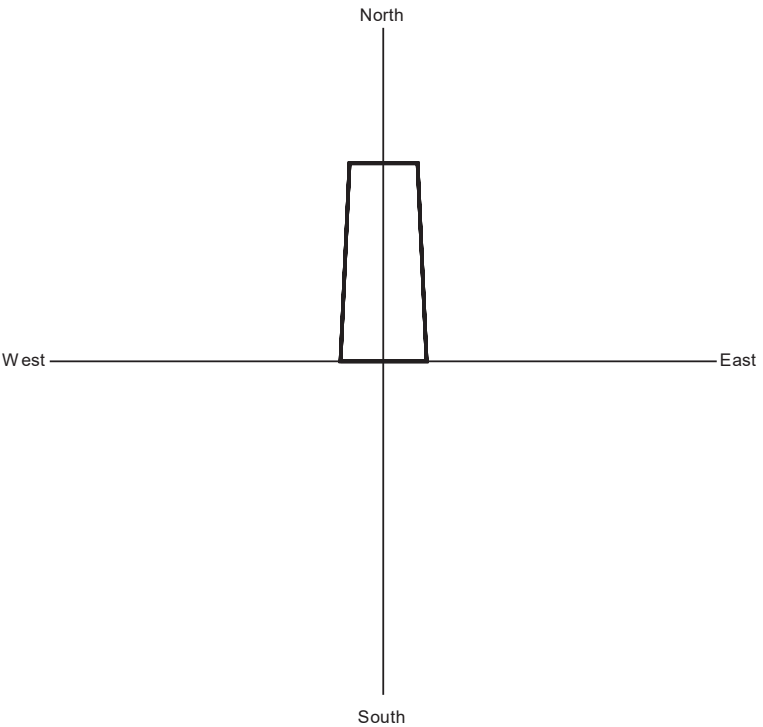
### Information about antennas used in the System

	Antenna
Manufacturer	Telecom
Antenna model	TFC2K-D
Band start(MHz)	87
Band stop(MHz)	108
diagrams Frequency(MHz)	98.10
Polariz (H/V/C/X)	C
Vertical dist (cm)	260
Height (cm)	95
Width (cm)	95
Thickness (cm)	220
Weight (Kg)	20
Maximum power (KW)	3
Gain (dBd)	-1.69
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	0
R.C.Phase (°)	0

**Geometrical 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	25.000	0	0	0 +0.0	3.90	0.0	0.0	1	1	0.0	0.0
2	25.000	0	0	0 +0.0	1.30	0.0	0.0	1	1	0.0	0.0
3	25.000	0	0	0 +0.0	-1.30	0.0	0.0	1	1	0.0	0.0
4	25.000	0	0	0 +0.0	-3.90	0.0	0.0	1	1	0.0	0.0

Plan of antenna system



Side of antenna system



## Antennas arrays data

**Note: calculation of single antennas arrays data (without taking into account mutual effects)**

A. Antennas array azimuth (°/N)	0
B. Number of antennas	4
C. Nominal power supply (W)	1.00
D. Losses (addit. + cables) (dB)	0.0
E. Effective power supply (W)	1.00
F. Theor. maximum gain (dBd)	4.33
G. Distribution losses (dB)	0.00
H. Nominal max gain F - G (dBd)	4.33
I. Compensation losses (dB)	0.48
J. Effec. max gain H - I (dBd)	3.85
K. Effec. max gain (times)	2.43
L. Effec. max power E * K (KW)	0.0024
M. Max power depr. angle (°)	1.2
N. Max power az. angle (°)	291

### Diagram in dBK calculated at horizon

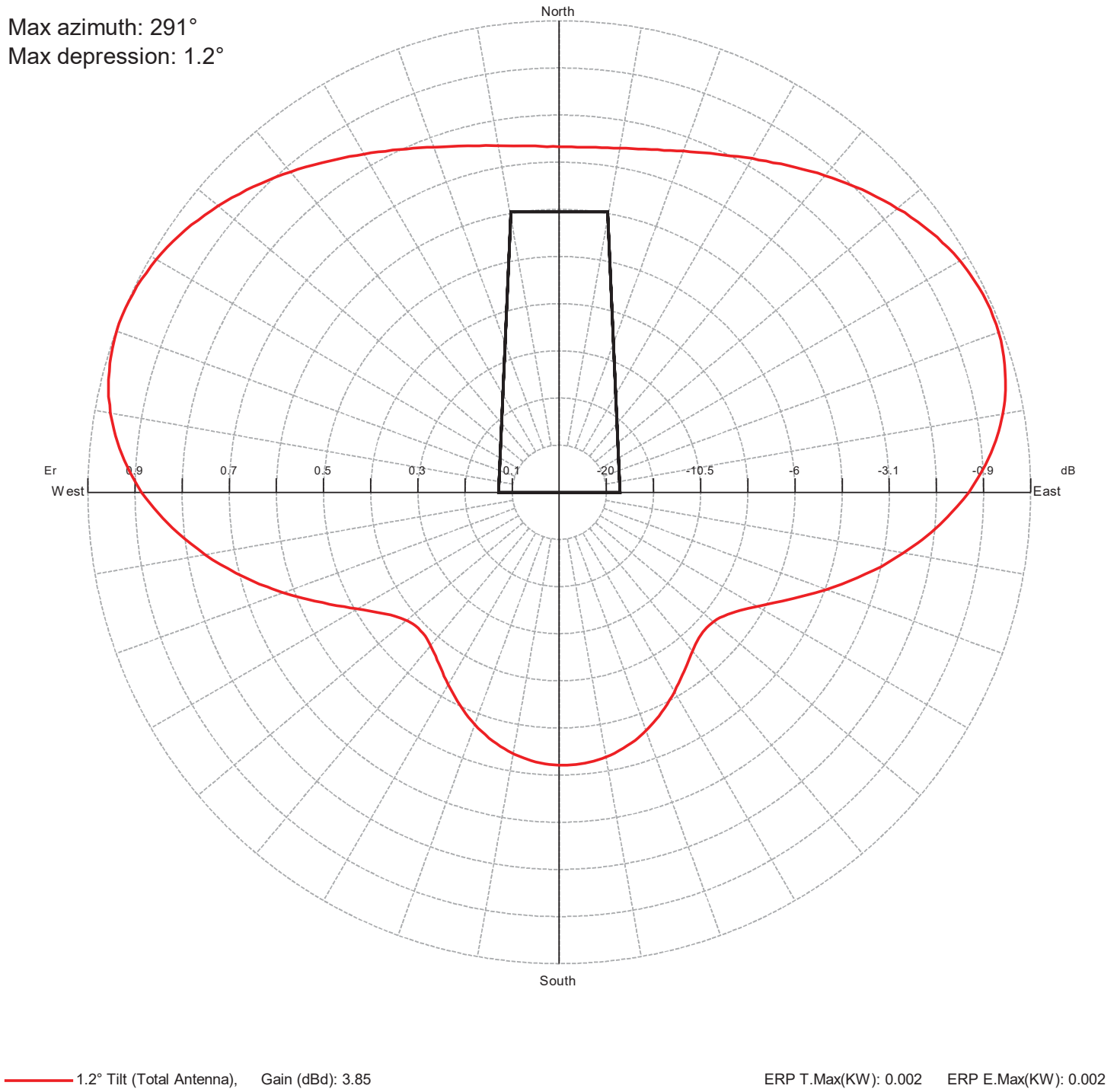
Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	-28.9	90	-27.4	180	-30.9	270	-27.3
10	-28.8	100	-28.8	190	-31.1	280	-26.5
20	-28.5	110	-30.6	200	-31.8	290	-26.2
30	-28.0	120	-32.5	210	-32.7	300	-26.3
40	-27.4	130	-33.6	220	-33.6	310	-26.7
50	-26.8	140	-33.3	230	-33.7	320	-27.3
60	-26.4	150	-32.4	240	-32.3	330	-27.9
70	-26.3	160	-31.5	250	-30.3	340	-28.4
80	-26.6	170	-31.0	260	-28.6	350	-28.8

### Diagram in dBK calculated at horizon ( without -20dB's lower limit vs maximum power )

Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	-28.9	90	-27.4	180	-30.9	270	-27.3
10	-28.8	100	-28.8	190	-31.1	280	-26.5
20	-28.5	110	-30.6	200	-31.8	290	-26.2
30	-28.0	120	-32.5	210	-32.7	300	-26.3
40	-27.4	130	-33.6	220	-33.6	310	-26.7
50	-26.8	140	-33.3	230	-33.7	320	-27.3
60	-26.4	150	-32.4	240	-32.3	330	-27.9
70	-26.3	160	-31.5	250	-30.3	340	-28.4
80	-26.6	170	-31.0	260	-28.6	350	-28.8

Horizontal diagram of Maxima

Max azimuth: 291°  
Max depression: 1.2°



## Horizontal diagram of Maxima

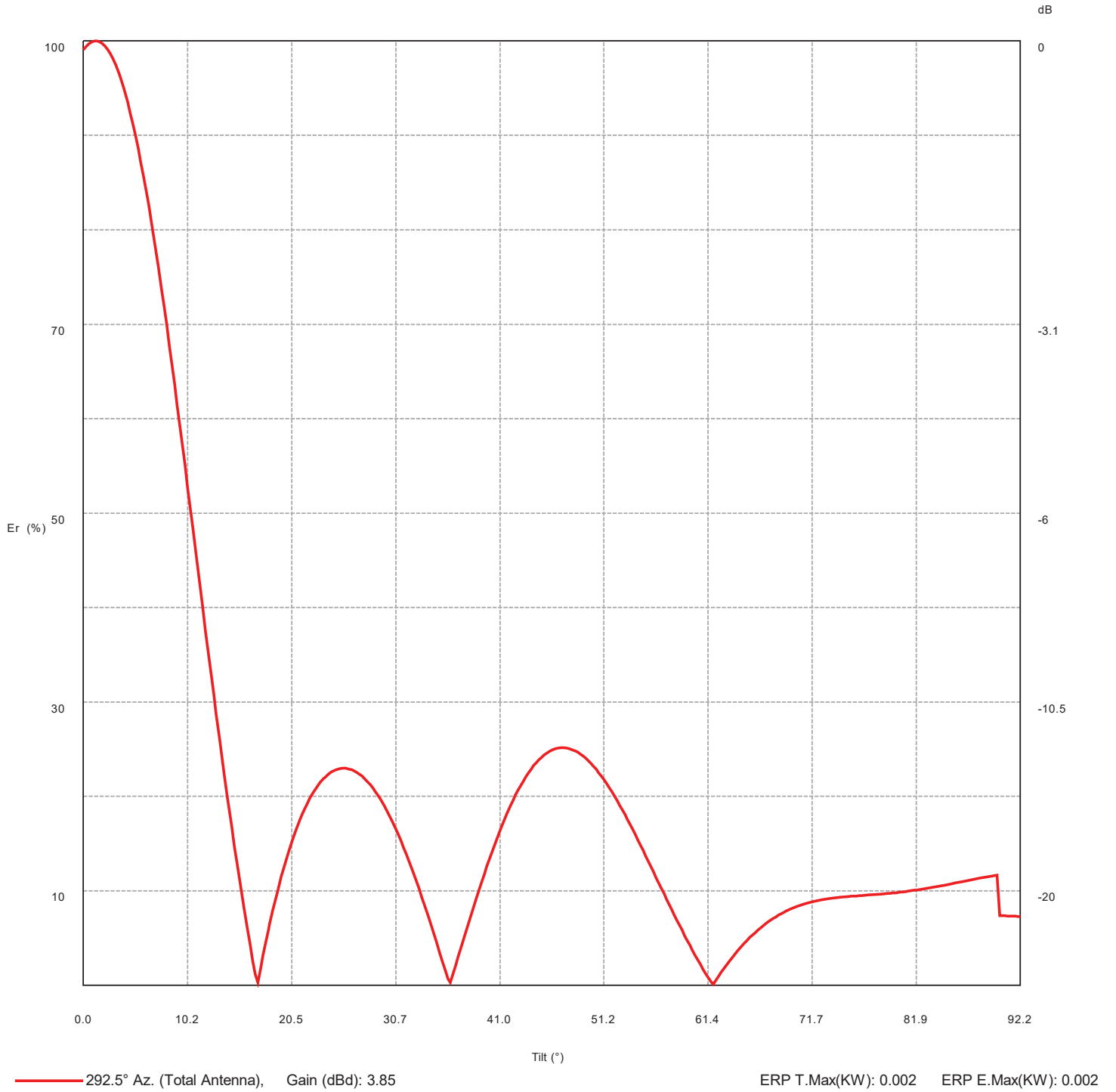
Az (°)	Dep (°)	Er (%)	ERP (W)	Az (°)	Dep (°)	Er (%)	ERP (W)	Az (°)	Dep (°)	Er (%)	ERP (W)
0.0	1.0	73.3	1.3	60.0	1.0	98.2	2.3	120.0	1.0	48.5	0.6
1.0	1.0	73.3	1.3	61.0	1.0	98.4	2.4	121.0	1.0	47.6	0.5
2.0	1.0	73.3	1.3	62.0	1.0	98.6	2.4	122.0	1.0	46.7	0.5
3.0	1.0	73.3	1.3	63.0	1.0	98.8	2.4	123.0	1.0	46.0	0.5
4.0	1.0	73.4	1.3	64.0	1.0	99.1	2.4	124.0	1.0	45.3	0.5
5.0	1.0	73.4	1.3	65.0	1.0	99.2	2.4	125.0	1.0	44.6	0.5
6.0	1.0	73.5	1.3	66.0	1.0	99.3	2.4	126.0	1.0	44.1	0.5
7.0	1.0	73.6	1.3	67.0	1.0	99.3	2.4	127.0	1.0	43.6	0.5
8.0	1.0	73.8	1.3	68.0	1.0	99.3	2.4	128.0	1.0	43.2	0.5
9.0	1.0	73.9	1.3	69.0	1.0	99.3	2.4	129.0	1.0	42.9	0.4
10.0	1.0	74.1	1.3	70.0	1.0	99.2	2.4	130.0	1.0	42.7	0.4
11.0	1.0	74.3	1.3	71.0	1.0	99.1	2.4	131.0	1.0	42.6	0.4
12.0	1.0	74.5	1.3	72.0	1.0	98.8	2.4	132.0	1.0	42.4	0.4
13.0	1.0	74.7	1.4	73.0	1.0	98.6	2.4	133.0	1.0	42.4	0.4
14.0	1.0	75.0	1.4	74.0	1.0	98.3	2.3	134.0	1.0	42.5	0.4
15.0	1.0	75.2	1.4	75.0	1.0	97.9	2.3	135.0	1.0	42.6	0.4
16.0	1.0	75.6	1.4	76.0	1.0	97.6	2.3	136.0	1.0	42.8	0.4
17.0	1.0	75.8	1.4	77.0	1.0	97.1	2.3	137.0	1.0	43.0	0.4
18.0	1.0	76.2	1.4	78.0	1.0	96.7	2.3	138.0	1.0	43.3	0.5
19.0	1.0	76.5	1.4	79.0	1.0	96.1	2.2	139.0	0.5	43.6	0.5
20.0	1.0	77.0	1.4	80.0	1.0	95.5	2.2	140.0	0.5	44.0	0.5
21.0	1.0	77.3	1.5	81.0	1.0	94.8	2.2	141.0	0.5	44.4	0.5
22.0	1.0	77.8	1.5	82.0	1.0	94.2	2.2	142.0	0.5	44.8	0.5
23.0	1.0	78.2	1.5	83.0	1.0	93.4	2.1	143.0	0.5	45.3	0.5
24.0	1.0	78.7	1.5	84.0	1.0	92.7	2.1	144.0	0.5	45.7	0.5
25.0	1.0	79.1	1.5	85.0	1.0	91.8	2.0	145.0	0.5	46.2	0.5
26.0	1.0	79.6	1.5	86.0	1.0	90.9	2.0	146.0	0.5	46.8	0.5
27.0	1.0	80.1	1.6	87.0	1.0	89.9	2.0	147.0	0.5	47.2	0.5
28.0	1.0	80.6	1.6	88.0	1.0	88.9	1.9	148.0	0.5	47.8	0.6
29.0	1.0	81.2	1.6	89.0	1.0	87.9	1.9	149.0	0.5	48.3	0.6
30.0	1.0	81.7	1.6	90.0	1.0	86.9	1.8	150.0	0.5	48.9	0.6
31.0	1.0	82.2	1.6	91.0	1.0	85.7	1.8	151.0	0.5	49.4	0.6
32.0	1.0	82.8	1.7	92.0	1.0	84.5	1.7	152.0	0.5	49.9	0.6
33.0	1.0	83.4	1.7	93.0	1.0	83.3	1.7	153.0	0.5	50.5	0.6
34.0	1.0	84.0	1.7	94.0	1.0	82.1	1.6	154.0	0.5	51.0	0.6
35.0	1.0	84.6	1.7	95.0	1.0	80.9	1.6	155.0	0.5	51.5	0.6
36.0	1.0	85.2	1.8	96.0	1.0	79.6	1.5	156.0	0.5	51.9	0.7
37.0	1.0	85.8	1.8	97.0	1.0	78.2	1.5	157.0	0.5	52.5	0.7
38.0	1.0	86.4	1.8	98.0	1.0	76.9	1.4	158.0	0.5	52.9	0.7
39.0	1.0	87.1	1.8	99.0	1.0	75.5	1.4	159.0	0.5	53.4	0.7
40.0	1.0	87.7	1.9	100.0	1.0	74.1	1.3	160.0	0.5	53.8	0.7
41.0	1.0	88.3	1.9	101.0	1.0	72.7	1.3	161.0	0.5	54.2	0.7
42.0	1.0	88.9	1.9	102.0	1.0	71.4	1.2	162.0	0.5	54.6	0.7
43.0	1.0	89.5	1.9	103.0	1.0	70.1	1.2	163.0	0.5	55.0	0.7
44.0	1.0	90.1	2.0	104.0	1.0	68.7	1.1	164.0	0.5	55.4	0.7
45.0	1.0	90.8	2.0	105.0	1.0	67.2	1.1	165.0	0.5	55.6	0.8
46.0	1.0	91.4	2.0	106.0	1.0	65.8	1.1	166.0	0.0	56.0	0.8
47.0	1.0	91.9	2.1	107.0	1.0	64.4	1.0	167.0	0.0	56.3	0.8
48.0	1.0	92.6	2.1	108.0	1.0	63.0	1.0	168.0	0.0	56.6	0.8
49.0	1.0	93.1	2.1	109.0	1.0	61.7	0.9	169.0	0.0	56.8	0.8
50.0	1.0	93.6	2.1	110.0	1.0	60.3	0.9	170.0	0.0	57.0	0.8
51.0	1.0	94.3	2.2	111.0	1.0	58.9	0.8	171.0	0.0	57.2	0.8
52.0	1.0	94.7	2.2	112.0	1.0	57.6	0.8	172.0	0.0	57.4	0.8
53.0	1.0	95.3	2.2	113.0	1.0	56.3	0.8	173.0	0.0	57.5	0.8
54.0	1.0	95.7	2.2	114.0	1.0	55.0	0.7	174.0	0.0	57.7	0.8
55.0	1.0	96.3	2.3	115.0	1.0	53.8	0.7	175.0	0.0	57.8	0.8
56.0	1.0	96.7	2.3	116.0	1.0	52.7	0.7	176.0	0.0	57.8	0.8
57.0	1.0	97.0	2.3	117.0	1.0	51.5	0.6	177.0	0.0	57.9	0.8
58.0	1.0	97.5	2.3	118.0	1.0	50.4	0.6	178.0	0.0	57.9	0.8
59.0	1.0	97.8	2.3	119.0	1.0	49.4	0.6	179.0	0.0	57.9	0.8

## Horizontal diagram of Maxima

Az (°)	Dep (°)	Er (%)	ERP (W)	Az (°)	Dep (°)	Er (%)	ERP (W)	Az (°)	Dep (°)	Er (%)	ERP (W)
180.0	0.0	57.9	0.8	240.0	1.0	49.5	0.6	300.0	1.0	98.7	2.4
181.0	0.0	57.8	0.8	241.0	1.0	50.6	0.6	301.0	1.0	98.4	2.4
182.0	0.0	57.8	0.8	242.0	1.0	51.7	0.6	302.0	1.0	98.0	2.3
183.0	0.0	57.6	0.8	243.0	1.0	52.9	0.7	303.0	1.0	97.7	2.3
184.0	0.0	57.6	0.8	244.0	1.0	54.2	0.7	304.0	1.0	97.3	2.3
185.0	0.0	57.4	0.8	245.0	1.0	55.4	0.7	305.0	1.0	96.9	2.3
186.0	0.0	57.2	0.8	246.0	1.0	56.7	0.8	306.0	1.0	96.5	2.3
187.0	0.0	57.0	0.8	247.0	1.0	58.1	0.8	307.0	1.0	95.9	2.2
188.0	0.0	56.8	0.8	248.0	1.0	59.5	0.9	308.0	1.0	95.5	2.2
189.0	0.0	56.6	0.8	249.0	1.0	60.8	0.9	309.0	1.0	94.9	2.2
190.0	0.0	56.3	0.8	250.0	1.0	62.3	0.9	310.0	1.0	94.5	2.2
191.0	0.0	56.0	0.8	251.0	1.0	63.7	1.0	311.0	1.0	94.0	2.1
192.0	0.0	55.7	0.8	252.0	1.0	65.0	1.0	312.0	1.0	93.4	2.1
193.0	0.0	55.3	0.7	253.0	1.0	66.5	1.1	313.0	1.0	92.8	2.1
194.0	0.5	55.0	0.7	254.0	1.0	68.0	1.1	314.0	1.0	92.2	2.1
195.0	0.5	54.6	0.7	255.0	1.0	69.3	1.2	315.0	1.0	91.7	2.0
196.0	0.5	54.2	0.7	256.0	1.0	70.7	1.2	316.0	1.0	91.1	2.0
197.0	0.5	53.8	0.7	257.0	1.0	72.1	1.3	317.0	1.0	90.5	2.0
198.0	0.5	53.4	0.7	258.0	1.0	73.5	1.3	318.0	1.0	89.9	2.0
199.0	0.5	52.9	0.7	259.0	1.0	74.9	1.4	319.0	1.0	89.3	1.9
200.0	0.5	52.4	0.7	260.0	1.0	76.2	1.4	320.0	1.0	88.7	1.9
201.0	0.5	51.9	0.7	261.0	1.0	77.6	1.5	321.0	1.0	88.1	1.9
202.0	0.5	51.4	0.6	262.0	1.0	78.9	1.5	322.0	1.0	87.5	1.9
203.0	0.5	50.9	0.6	263.0	1.0	80.2	1.6	323.0	1.0	86.9	1.8
204.0	0.5	50.4	0.6	264.0	1.0	81.5	1.6	324.0	1.0	86.3	1.8
205.0	0.5	49.9	0.6	265.0	1.0	82.7	1.7	325.0	1.0	85.7	1.8
206.0	0.5	49.3	0.6	266.0	1.0	84.0	1.7	326.0	1.0	85.1	1.8
207.0	0.5	48.8	0.6	267.0	1.0	85.2	1.8	327.0	1.0	84.5	1.7
208.0	0.5	48.2	0.6	268.0	1.0	86.4	1.8	328.0	1.0	83.9	1.7
209.0	0.5	47.7	0.6	269.0	1.0	87.5	1.9	329.0	1.0	83.4	1.7
210.0	0.5	47.1	0.5	270.0	1.0	88.6	1.9	330.0	1.0	82.8	1.7
211.0	0.5	46.6	0.5	271.0	1.0	89.6	2.0	331.0	1.0	82.3	1.6
212.0	0.5	46.0	0.5	272.0	1.0	90.6	2.0	332.0	1.0	81.7	1.6
213.0	0.5	45.5	0.5	273.0	1.0	91.5	2.0	333.0	1.0	81.2	1.6
214.0	0.5	45.0	0.5	274.0	1.0	92.3	2.1	334.0	1.0	80.7	1.6
215.0	0.5	44.5	0.5	275.0	1.0	93.2	2.1	335.0	1.0	80.2	1.6
216.0	0.5	44.0	0.5	276.0	1.0	94.0	2.1	336.0	1.0	79.7	1.5
217.0	0.5	43.6	0.5	277.0	1.0	94.7	2.2	337.0	1.0	79.2	1.5
218.0	0.5	43.1	0.5	278.0	1.0	95.4	2.2	338.0	1.0	78.8	1.5
219.0	0.5	42.8	0.4	279.0	1.0	96.0	2.2	339.0	1.0	78.3	1.5
220.0	0.5	42.4	0.4	280.0	1.0	96.7	2.3	340.0	1.0	77.9	1.5
221.0	1.0	42.1	0.4	281.0	1.0	97.1	2.3	341.0	1.0	77.5	1.5
222.0	1.0	41.9	0.4	282.0	1.0	97.7	2.3	342.0	1.0	77.1	1.4
223.0	1.0	41.7	0.4	283.0	1.0	98.2	2.3	343.0	1.0	76.7	1.4
224.0	1.0	41.6	0.4	284.0	1.0	98.5	2.4	344.0	1.0	76.4	1.4
225.0	1.0	41.5	0.4	285.0	1.0	98.8	2.4	345.0	1.0	76.0	1.4
226.0	1.0	41.5	0.4	286.0	1.0	99.2	2.4	346.0	1.0	75.7	1.4
227.0	1.0	41.6	0.4	287.0	1.0	99.4	2.4	347.0	1.0	75.4	1.4
228.0	1.0	41.8	0.4	288.0	1.0	99.6	2.4	348.0	1.0	75.2	1.4
229.0	1.0	42.0	0.4	289.0	1.0	99.8	2.4	349.0	1.0	74.9	1.4
230.0	1.0	42.3	0.4	290.0	1.0	99.9	2.4	350.0	1.0	74.6	1.4
231.0	1.0	42.7	0.4	291.0	1.2	100.0	2.4	351.0	1.0	74.4	1.3
232.0	1.0	43.1	0.5	292.0	1.0	100.0	2.4	352.0	1.0	74.2	1.3
233.0	1.0	43.7	0.5	293.0	1.0	100.0	2.4	353.0	1.0	74.0	1.3
234.0	1.0	44.3	0.5	294.0	1.0	99.9	2.4	354.0	1.0	73.9	1.3
235.0	1.0	45.0	0.5	295.0	1.0	99.8	2.4	355.0	1.0	73.7	1.3
236.0	1.0	45.7	0.5	296.0	1.0	99.6	2.4	356.0	1.0	73.6	1.3
237.0	1.0	46.6	0.5	297.0	1.0	99.4	2.4	357.0	1.0	73.4	1.3
238.0	1.0	47.5	0.5	298.0	1.0	99.2	2.4	358.0	1.0	73.4	1.3
239.0	1.0	48.5	0.6	299.0	1.0	99.0	2.4	359.0	1.0	73.4	1.3



# Vertical diagram at an azimuth of 292.5°



### Vertical diagram at an azimuth of 292.5°

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
0.0	99.0	2.4	15.4	11.1	0.0	30.7	16.5	0.1
0.3	99.4	2.4	15.6	9.4	0.0	31.0	15.9	0.1
0.5	99.7	2.4	15.9	7.6	0.0	31.2	15.3	0.1
0.8	99.9	2.4	16.1	5.9	0.0	31.5	14.6	0.1
1.0	100.0	2.4	16.4	4.3	0.0	31.7	13.9	0.0
1.3	100.0	2.4	16.6	2.7	0.0	32.0	13.2	0.0
1.5	99.9	2.4	16.9	1.2	0.0	32.3	12.5	0.0
1.8	99.8	2.4	17.2	0.3	0.0	32.5	11.7	0.0
2.0	99.6	2.4	17.4	1.7	0.0	32.8	11.0	0.0
2.3	99.2	2.4	17.7	3.1	0.0	33.0	10.2	0.0
2.6	98.8	2.4	17.9	4.5	0.0	33.3	9.4	0.0
2.8	98.3	2.3	18.2	5.8	0.0	33.5	8.5	0.0
3.1	97.7	2.3	18.4	7.0	0.0	33.8	7.7	0.0
3.3	97.1	2.3	18.7	8.2	0.0	34.0	6.9	0.0
3.6	96.3	2.3	18.9	9.3	0.0	34.3	6.0	0.0
3.8	95.5	2.2	19.2	10.4	0.0	34.6	5.1	0.0
4.1	94.5	2.2	19.5	11.4	0.0	34.8	4.2	0.0
4.4	93.5	2.1	19.7	12.4	0.0	35.1	3.4	0.0
4.6	92.4	2.1	20.0	13.4	0.0	35.3	2.5	0.0
4.9	91.2	2.0	20.2	14.3	0.0	35.6	1.6	0.0
5.1	90.0	2.0	20.5	15.1	0.1	35.8	0.6	0.0
5.4	88.6	1.9	20.7	15.9	0.1	36.1	0.3	0.0
5.6	87.2	1.8	21.0	16.7	0.1	36.4	1.2	0.0
5.9	85.8	1.8	21.2	17.4	0.1	36.6	2.1	0.0
6.1	84.3	1.7	21.5	18.1	0.1	36.9	3.0	0.0
6.4	82.7	1.7	21.8	18.7	0.1	37.1	3.9	0.0
6.7	81.0	1.6	22.0	19.2	0.1	37.4	4.8	0.0
6.9	79.3	1.5	22.3	19.8	0.1	37.6	5.7	0.0
7.2	77.5	1.5	22.5	20.3	0.1	37.9	6.6	0.0
7.4	75.7	1.4	22.8	20.7	0.1	38.1	7.5	0.0
7.7	73.8	1.3	23.0	21.1	0.1	38.4	8.4	0.0
7.9	71.9	1.3	23.3	21.5	0.1	38.7	9.2	0.0
8.2	69.9	1.2	23.6	21.8	0.1	38.9	10.1	0.0
8.4	67.8	1.1	23.8	22.1	0.1	39.2	10.9	0.0
8.7	65.8	1.1	24.1	22.3	0.1	39.4	11.8	0.0
9.0	63.7	1.0	24.3	22.5	0.1	39.7	12.6	0.0
9.2	61.5	0.9	24.6	22.7	0.1	39.9	13.4	0.0
9.5	59.4	0.9	24.8	22.8	0.1	40.2	14.1	0.0
9.7	57.2	0.8	25.1	22.9	0.1	40.4	14.9	0.1
10.0	55.1	0.7	25.3	23.0	0.1	40.7	15.6	0.1
10.2	52.9	0.7	25.6	23.0	0.1	41.0	16.3	0.1
10.5	50.6	0.6	25.9	23.0	0.1	41.2	17.0	0.1
10.8	48.4	0.6	26.1	22.9	0.1	41.5	17.7	0.1
11.0	46.2	0.5	26.4	22.8	0.1	41.7	18.3	0.1
11.3	44.0	0.5	26.6	22.7	0.1	42.0	19.0	0.1
11.5	41.8	0.4	26.9	22.5	0.1	42.2	19.5	0.1
11.8	39.6	0.4	27.1	22.3	0.1	42.5	20.1	0.1
12.0	37.4	0.3	27.4	22.1	0.1	42.8	20.6	0.1
12.3	35.2	0.3	27.6	21.9	0.1	43.0	21.2	0.1
12.5	33.0	0.3	27.9	21.6	0.1	43.3	21.6	0.1
12.8	30.9	0.2	28.2	21.3	0.1	43.5	22.1	0.1
13.1	28.8	0.2	28.4	20.9	0.1	43.8	22.5	0.1
13.3	26.7	0.2	28.7	20.6	0.1	44.0	22.9	0.1
13.6	24.6	0.1	28.9	20.2	0.1	44.3	23.2	0.1
13.8	22.6	0.1	29.2	19.7	0.1	44.5	23.6	0.1
14.1	20.6	0.1	29.4	19.3	0.1	44.8	23.9	0.1
14.3	18.6	0.1	29.7	18.8	0.1	45.1	24.1	0.1
14.6	16.7	0.1	30.0	18.3	0.1	45.3	24.4	0.1
14.8	14.8	0.1	30.2	17.7	0.1	45.6	24.6	0.1
15.1	12.9	0.0	30.5	17.1	0.1	45.8	24.7	0.1

### Vertical diagram at an azimuth of 292.5°

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
46.1	24.9	0.2	61.4	0.8	0.0	76.8	9.5	0.0
46.3	25.0	0.2	61.7	0.4	0.0	77.1	9.5	0.0
46.6	25.1	0.2	62.0	0.1	0.0	77.3	9.6	0.0
46.8	25.1	0.2	62.2	0.5	0.0	77.6	9.6	0.0
47.1	25.1	0.2	62.5	0.9	0.0	77.8	9.6	0.0
47.4	25.1	0.2	62.7	1.3	0.0	78.1	9.6	0.0
47.6	25.1	0.2	63.0	1.7	0.0	78.3	9.6	0.0
47.9	25.0	0.2	63.2	2.1	0.0	78.6	9.7	0.0
48.1	24.9	0.2	63.5	2.5	0.0	78.8	9.7	0.0
48.4	24.8	0.1	63.7	2.8	0.0	79.1	9.7	0.0
48.6	24.6	0.1	64.0	3.2	0.0	79.4	9.7	0.0
48.9	24.5	0.1	64.3	3.5	0.0	79.6	9.8	0.0
49.2	24.3	0.1	64.5	3.8	0.0	79.9	9.8	0.0
49.4	24.0	0.1	64.8	4.2	0.0	80.1	9.8	0.0
49.7	23.8	0.1	65.0	4.5	0.0	80.4	9.8	0.0
49.9	23.5	0.1	65.3	4.7	0.0	80.6	9.9	0.0
50.2	23.2	0.1	65.5	5.0	0.0	80.9	9.9	0.0
50.4	22.9	0.1	65.8	5.3	0.0	81.2	9.9	0.0
50.7	22.5	0.1	66.0	5.5	0.0	81.4	10.0	0.0
50.9	22.2	0.1	66.3	5.8	0.0	81.7	10.0	0.0
51.2	21.8	0.1	66.6	6.0	0.0	81.9	10.1	0.0
51.5	21.4	0.1	66.8	6.3	0.0	82.2	10.1	0.0
51.7	20.9	0.1	67.1	6.5	0.0	82.4	10.2	0.0
52.0	20.5	0.1	67.3	6.7	0.0	82.7	10.2	0.0
52.2	20.0	0.1	67.6	6.9	0.0	82.9	10.2	0.0
52.5	19.6	0.1	67.8	7.1	0.0	83.2	10.3	0.0
52.7	19.1	0.1	68.1	7.2	0.0	83.5	10.3	0.0
53.0	18.6	0.1	68.4	7.4	0.0	83.7	10.4	0.0
53.2	18.1	0.1	68.6	7.6	0.0	84.0	10.4	0.0
53.5	17.6	0.1	68.9	7.7	0.0	84.2	10.5	0.0
53.8	17.0	0.1	69.1	7.8	0.0	84.5	10.5	0.0
54.0	16.5	0.1	69.4	8.0	0.0	84.7	10.6	0.0
54.3	16.0	0.1	69.6	8.1	0.0	85.0	10.6	0.0
54.5	15.4	0.1	69.9	8.2	0.0	85.2	10.7	0.0
54.8	14.8	0.1	70.1	8.3	0.0	85.5	10.8	0.0
55.0	14.3	0.0	70.4	8.4	0.0	85.8	10.8	0.0
55.3	13.7	0.0	70.7	8.5	0.0	86.0	10.9	0.0
55.6	13.1	0.0	70.9	8.6	0.0	86.3	10.9	0.0
55.8	12.6	0.0	71.2	8.7	0.0	86.5	11.0	0.0
56.1	12.0	0.0	71.4	8.8	0.0	86.8	11.0	0.0
56.3	11.4	0.0	71.7	8.8	0.0	87.0	11.1	0.0
56.6	10.8	0.0	71.9	8.9	0.0	87.3	11.1	0.0
56.8	10.3	0.0	72.2	9.0	0.0	87.6	11.2	0.0
57.1	9.7	0.0	72.4	9.0	0.0	87.8	11.3	0.0
57.3	9.1	0.0	72.7	9.1	0.0	88.1	11.3	0.0
57.6	8.6	0.0	73.0	9.1	0.0	88.3	11.4	0.0
57.9	8.0	0.0	73.2	9.2	0.0	88.6	11.4	0.0
58.1	7.4	0.0	73.5	9.2	0.0	88.8	11.5	0.0
58.4	6.9	0.0	73.7	9.2	0.0	89.1	11.5	0.0
58.6	6.3	0.0	74.0	9.3	0.0	89.3	11.6	0.0
58.9	5.8	0.0	74.2	9.3	0.0	89.6	11.6	0.0
59.1	5.3	0.0	74.5	9.3	0.0	89.9	11.7	0.0
59.4	4.7	0.0	74.8	9.3	0.0	90.1	7.4	0.0
59.6	4.2	0.0	75.0	9.4	0.0	90.4	7.4	0.0
59.9	3.7	0.0	75.3	9.4	0.0	90.6	7.3	0.0
60.2	3.2	0.0	75.5	9.4	0.0	90.9	7.3	0.0
60.4	2.7	0.0	75.8	9.4	0.0	91.1	7.3	0.0
60.7	2.2	0.0	76.0	9.5	0.0	91.4	7.3	0.0
60.9	1.7	0.0	76.3	9.5	0.0	91.6	7.3	0.0
61.2	1.3	0.0	76.5	9.5	0.0	91.9	7.3	0.0