

TX station: 8xBkl8

Gain solid integration : enabled

Site Name: Labelitaly

**General data of Antenna System**

TX station	8xBkl8
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-BKL_8 LOG 8 ELEM. 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	BKL_8 LOG 8 ELEM.
Band start(MHz)	170
Band stop(MHz)	240
diagrams Frequency(MHz)	200
Polariz (H,V,C,X)	V
Vertical dist (cm)	150
Height (cm)	92
Width (cm)	6
Thickness (cm)	142
Weight (Kg)	4.5
Maximum power (KW)	2
Gain (dBd)	6.4
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	20
R.C.Phase (°)	0

TX station: 8xBkl8  
Frequency: 200.00 MHz  
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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	12.500	0	0	0 +0.0	4.55	0.0	0.0	1	1	400.0	0.0
2	12.500	0	0	0 +0.0	3.25	0.0	0.0	1	1	400.0	0.0
3	12.500	0	0	0 +0.0	1.95	0.0	0.0	1	1	400.0	0.0
4	12.500	0	0	0 +0.0	0.65	0.0	0.0	1	1	400.0	0.0
5	12.500	0	0	0 +0.0	-0.65	0.0	0.0	1	1	400.0	0.0
6	12.500	0	0	0 +0.0	-1.95	0.0	0.0	1	1	400.0	0.0
7	12.500	0	0	0 +0.0	-3.25	0.0	0.0	1	1	400.0	0.0
8	12.500	0	0	0 +0.0	-4.55	0.0	0.0	1	1	400.0	0.0