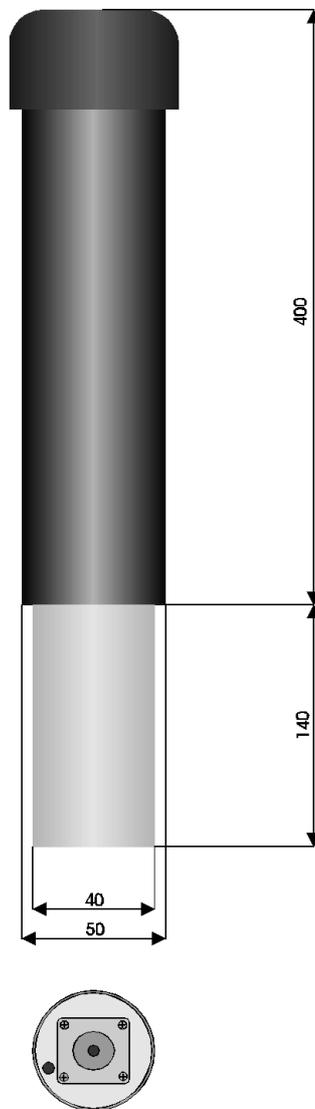


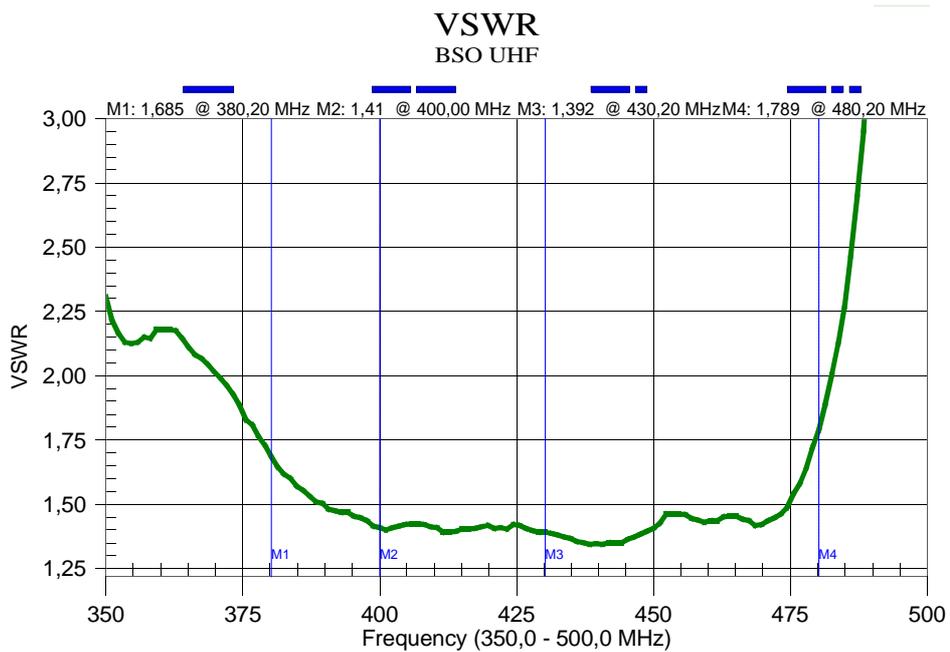
WIDEBAND BASE STATION ANTENNA

BSO-UHF 400 - 500 MHz



The wideband omnidirectional antenna with no tuning required. The antenna covers whole UHF band. The antenna is designed for vertical polarization, resistant to effect of walls and metal parts of mounting construction, DC-grounded. In lower locations the antenna doesn't require additional lightning protection. Structurally it is an equivalent of the BSO 150 scaled for the UHF band.

ELECTRICAL	
Frequency range	400-500 MHz
Gain (ref. to $\lambda/2$ dipole)	0 dBd (2,15 dBi)
Horizontal radiation pattern	Omnidirectional
Impedance	50 Ω
Antenna type	$\lambda/2$ dipole
VSWR	$\leq 1,6$
Maximum power	100 W
Bandwidth	100 MHz @ swr < 1,7
Horizontal radiation pattern code (H-plane)	000ND00 (CEPT Recommendation T/R 25-08)
Vertical radiation pattern code (E-plane)	045DE00 (CEPT Recommendation T/R 25-08)
MECHANICAL	
Connector	UC1,N
Material	Aluminium, PCV, fiberglass
Polarization	vertical

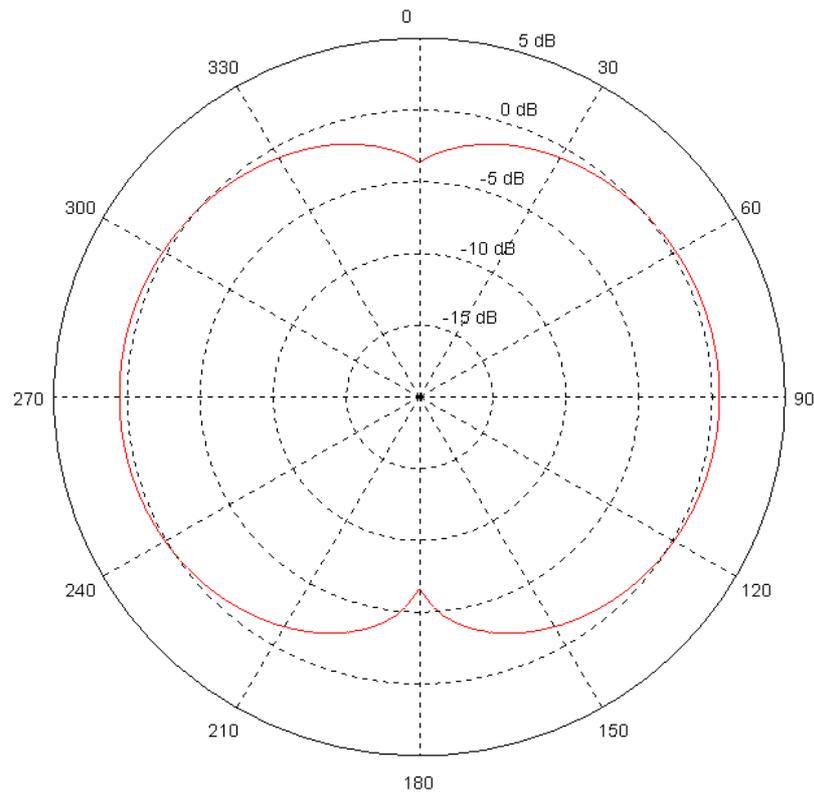


Resolution: 130
Date:
Model: S331A

CAL:ON(COAX)
Time:
Serial #: 00036029

CW: OFF
Smoothing: 0

VSWR in the range 350÷500 MHz



Vertical radiation pattern



Net-Com
communication

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