

TECHNICAL DATA
ANTENNA 13GHz 0.3m HIGH PERFORMANCE
Type: HAA1303_00

SHORT DESCRIPTION

This antenna combines high RF-performance with low profile and weight. The antenna can be mounted separately using Comhat Antenna Mount. It can also be supplied in customized design, for example being adapted for direct mount on radio links.

Note: Product information subject to change without notice.

ELECTRICAL DATA

Frequency Range	12.75 – 13.25 GHz
Gain (Low-band).....	30.0 dBi
(Mid-band).....	30.2 dBi
(High-band).....	30.4 dBi
Half Power Beamwidth.....	5.2°
Cross-Polar Discrimination (within a –1dB co-polarised contour).....	30 dB
Front-to-Back Ratio	52 dB
VSWR/Return Loss	1.35:1 / 16.5 dB
ETSI Compliance.....	EN 300 833 Nov 2002 Class 2
Polarisation.....	Vertical/Horizontal
Output Flange (Standard).....	UBR120

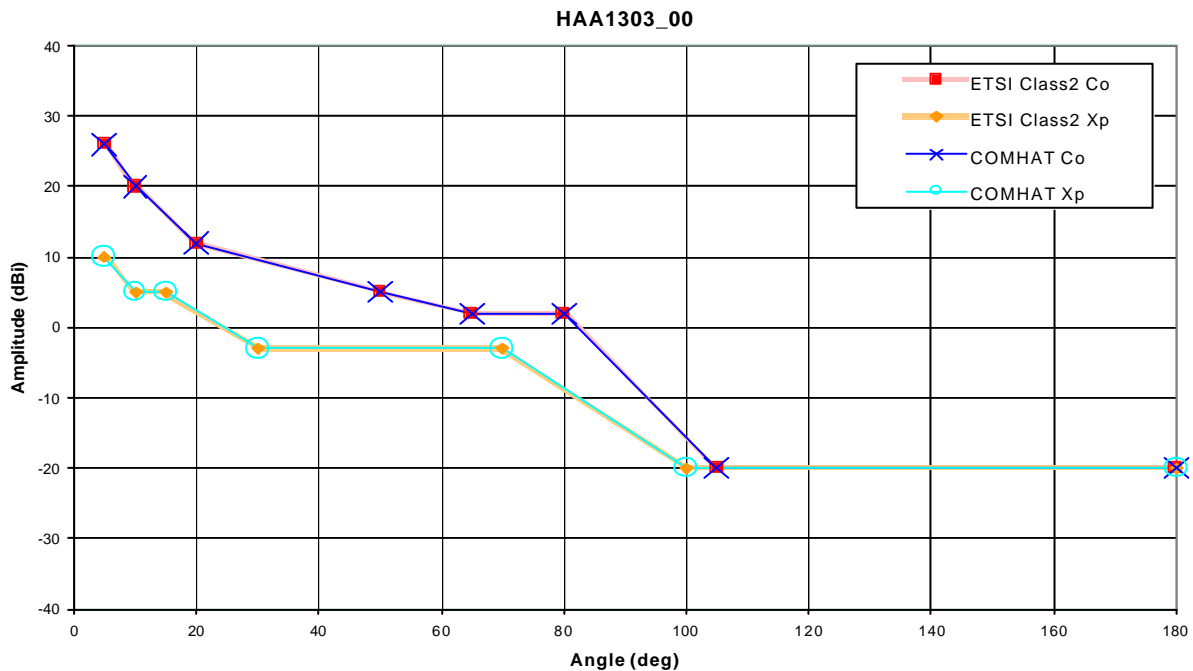
RADIATION PATTERN ENVELOPE (RPE)

Copolar

Gain isotropic.....	21	15	1	1	-7	-22	-22	dBi
Angle vs. Main lobe.....	5	8	20	31	73	100	180	deg

Crosspolar

Gain isotropic.....	0	-18	-19	-23	-27	-30	-30	dBi
Angle vs. Main lobe.....	5	10	39	41	56	100	180	deg



For interface details see separate drawing: 902-HAAXXX_XX

