



GNSS ANTENNA

Antenna GPS/GLONASS Screw Mount
R36, SMA(m) RG174/3m

AP-AGNSS-36S

SECTRON company offers a wide portfolio of GNSS antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



BENEFITS

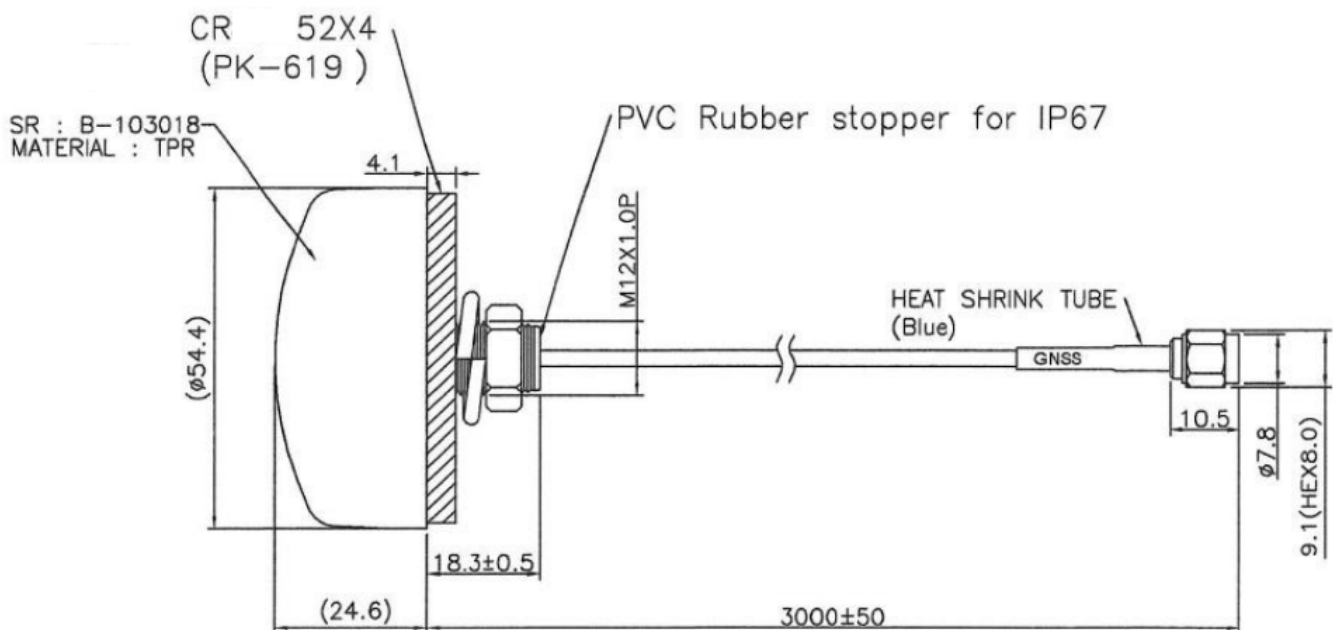
- Low VSWR
- High gain

FEATURES

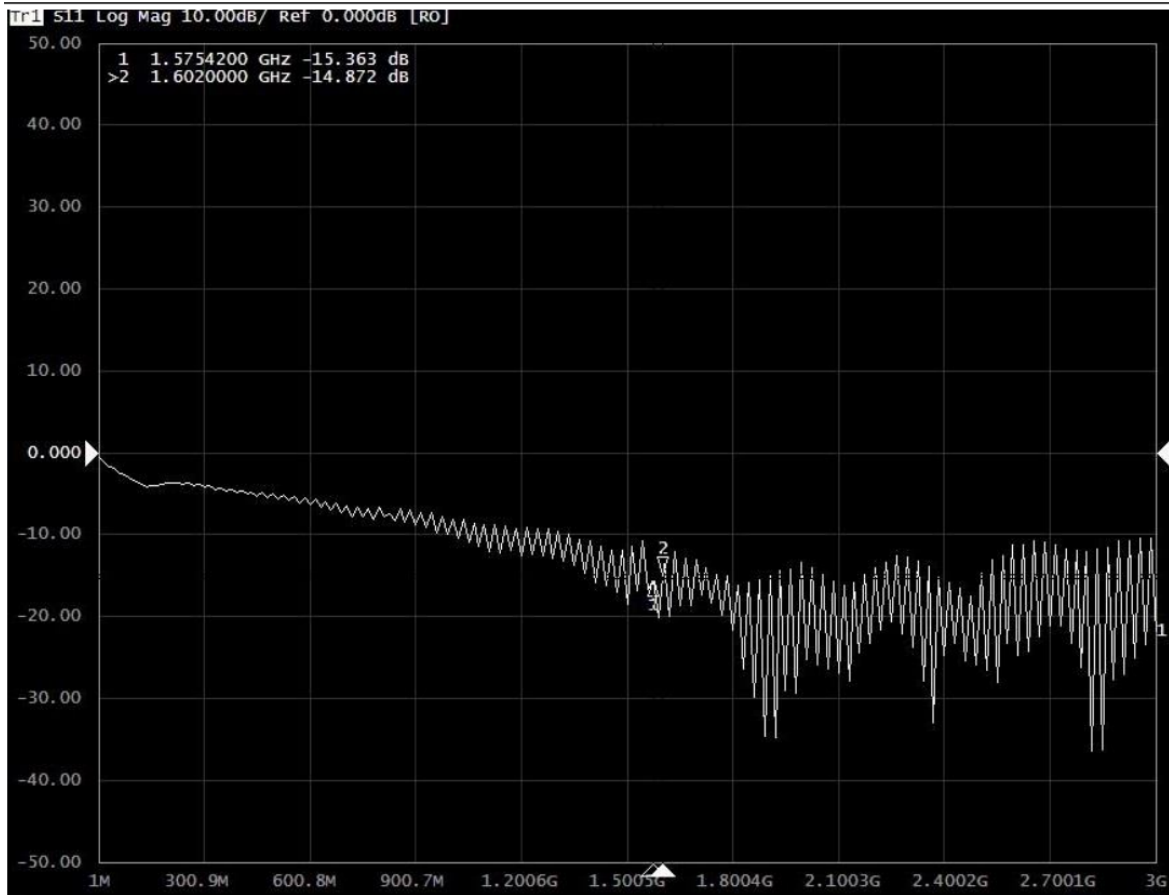
AP-AGNSS-36S

Technology	GPS/GLONASS
Frequency bands	1575.42/1602 MHz
Bandwidth	1 MHz
Gain	0 dBi
LNA Gain	30 dBi
VSWR	<1.47:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	R.H.C.P.
Maximum input power	10 W
Power voltage	2.5 - 3.5 V DC
Dimensions	Ø54.4 x 42.9 mm
Weight	132.78 g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Screw Mount
Cable type	RG174U
The cable length	3 m
Connector type	SMA(m)
Certification	RoHS

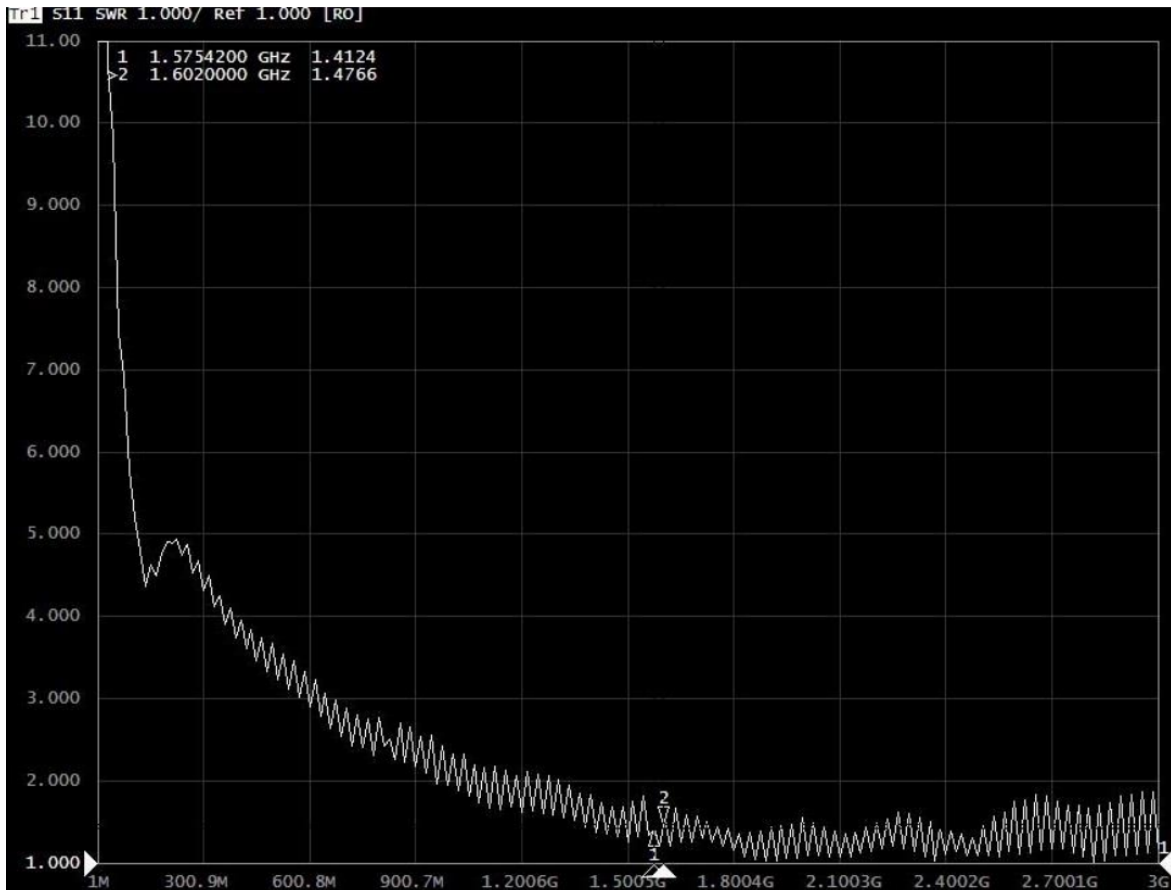
DRAWING



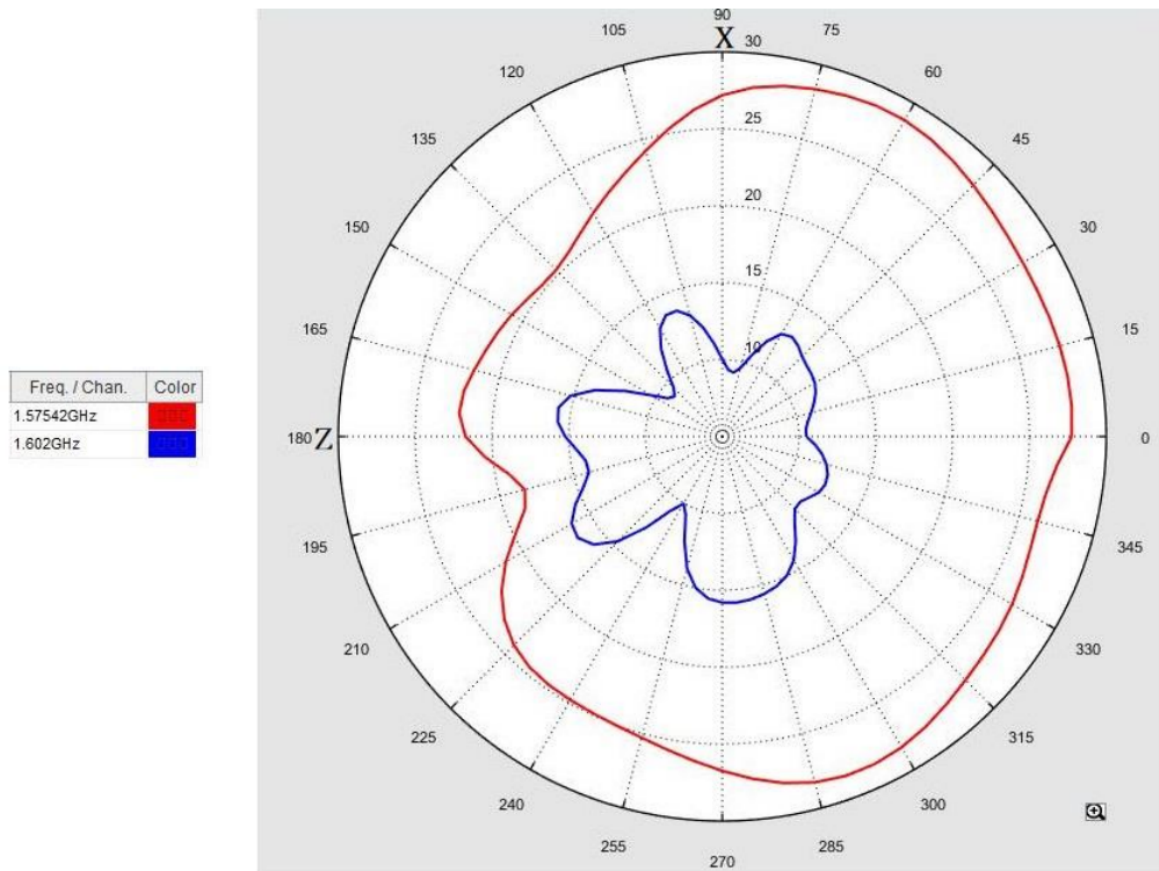
S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



2D RADIATION PATTERN



SUMMARY

AP-AGNSS-36S

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]
1575.42(GPS)	-15.36	1.41	29.83
1602(GLONASS)	-14.87	1.47	16.37

VARIANTS

AP-AGNSS-36S

Different connector variants or cable lengths are available on request.

CONTACTS

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