



GPS ANTENNA

Antenna GPS Screw Mount R36,
RG174/10m, open

AP-AGPS-36

SECTRON company offers a wide portfolio of GPS 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.

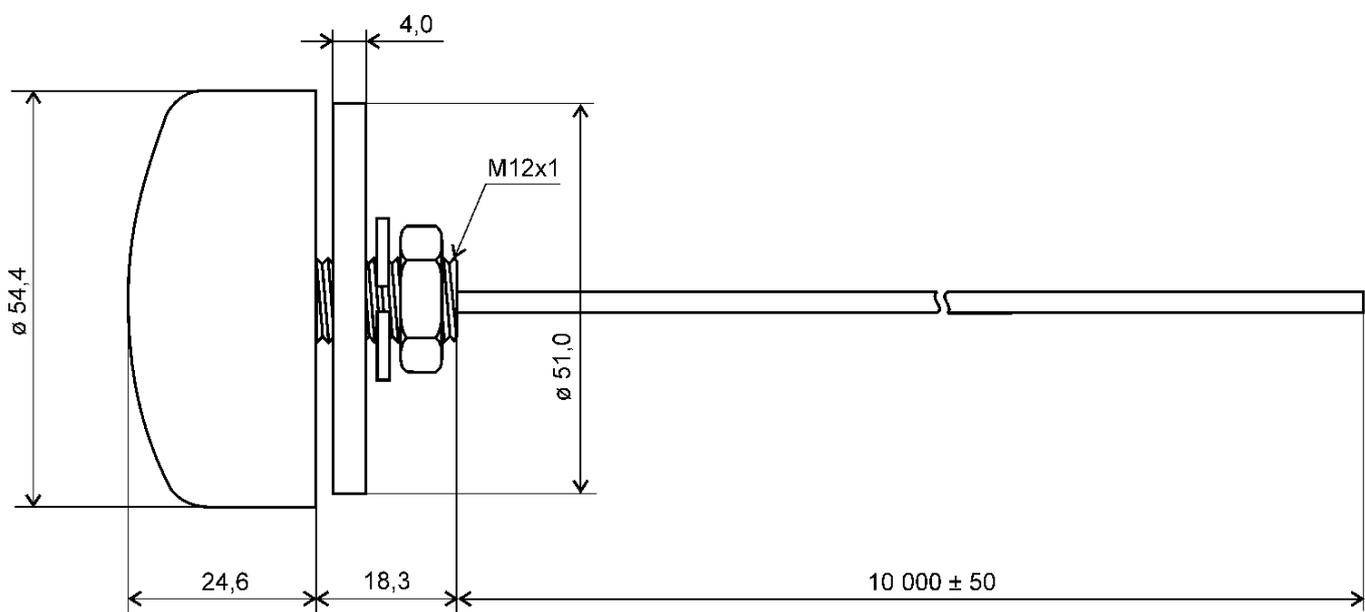
BENEFITS

- Low VSWR
- High power supply range



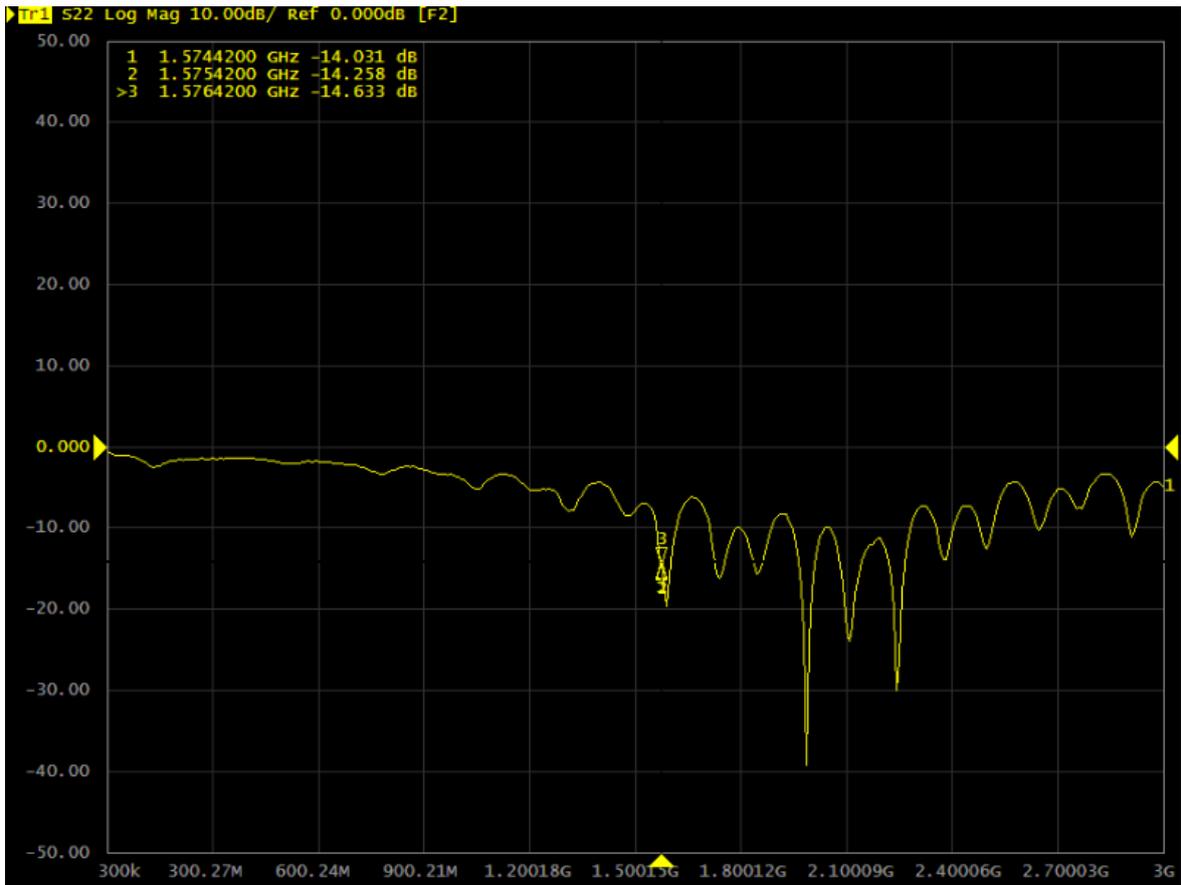
Technology	GPS
Frequency bands	1575.42 MHz
Bandwidth	10 MHz
Gain	6 dBi
LNA Gain	30 dBi
VSWR	<1.46:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	R.H.C.P.
Maximum input power	10 W
Power voltage	2.7 - 5.5 V DC-
Dimensions	Ø 54.4 x 42.9 mm
Weight	190 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Screw Mount
Cable type	RG174/U
The cable length	10 m
Connector type	Open end
Certification	RoHS

DRAWING

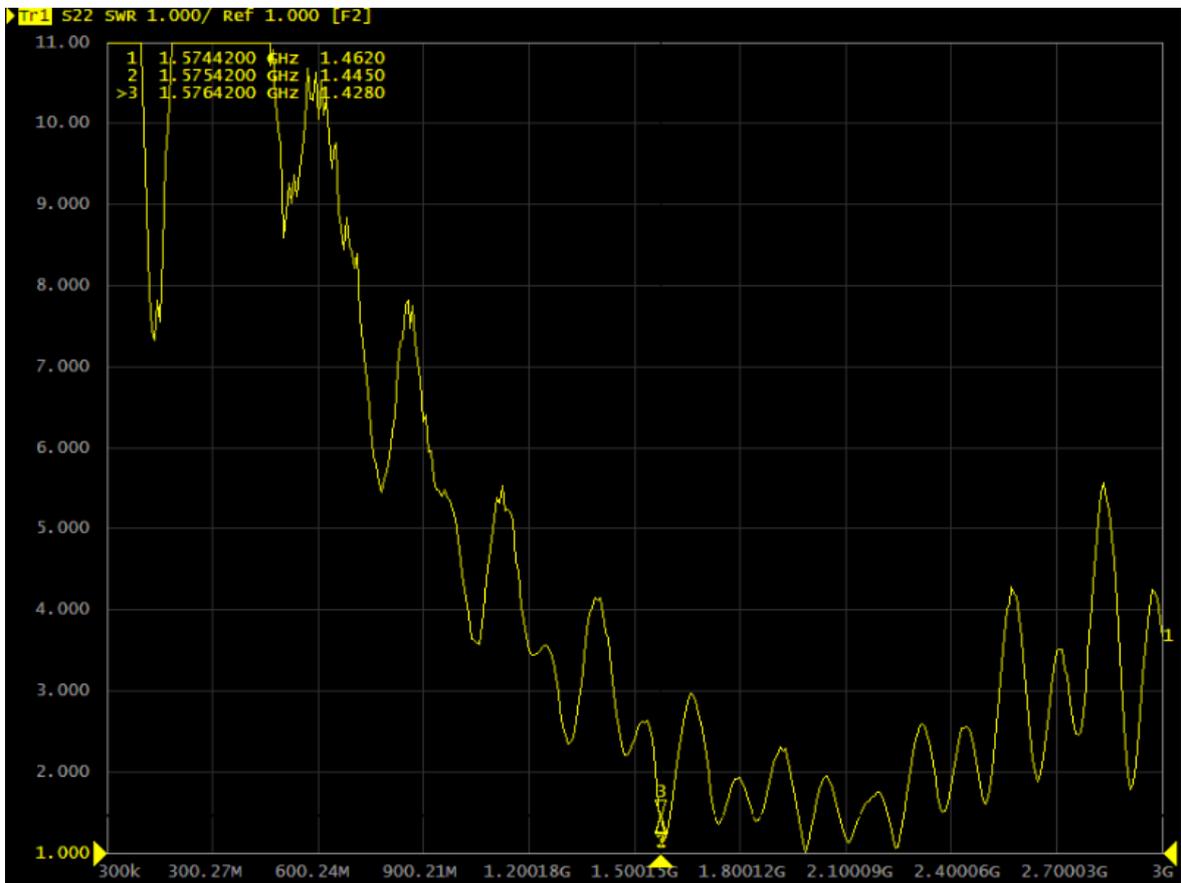


UNIT: mm

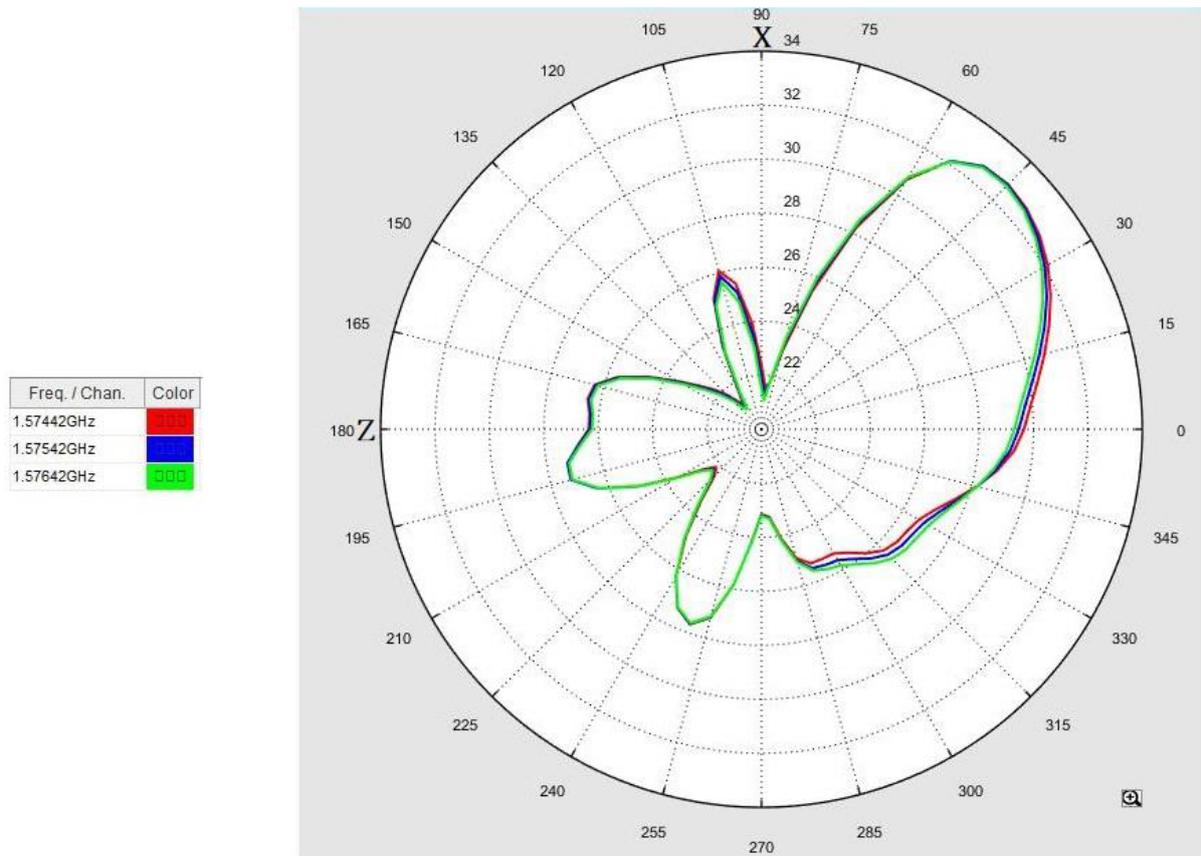
S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



2D RADIATION PATTERN



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]
1574.42	- 14.03	1.46	33.34
1575.42	-14.25	1.44	33.26
1576.42	-14.63	1.42	33.17

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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