



GSM/UMTS/LTE/GPS/GLONASS ANTENNA

Antenna GSM/UMTS/LTE/GPS/GLONASS
Mounting PUCK,
2x RG316/3m, 2x SMA(m)

AO-AKOM-36XSS

SECTRON company offers a wide portfolio of GSM/UMTS/LTE/GPS/GLONASS 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

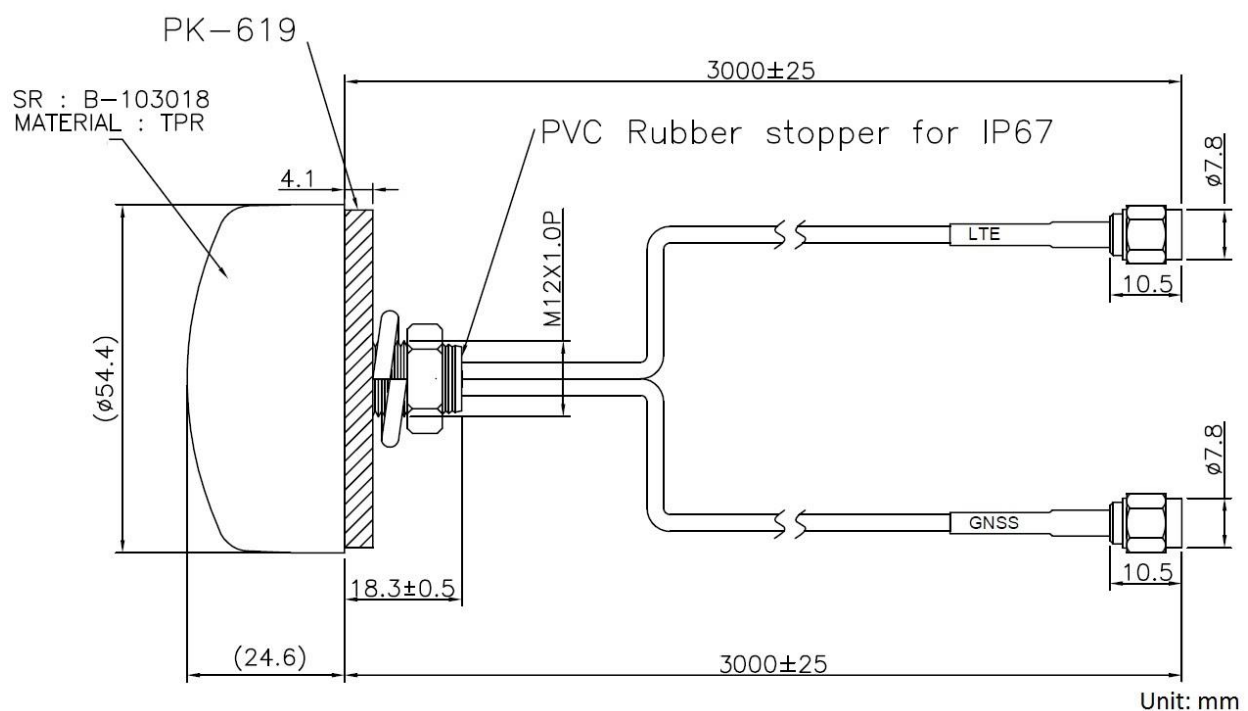
- Anti-vandal design
- Environmental resistance
- High frequency range

FEATURES

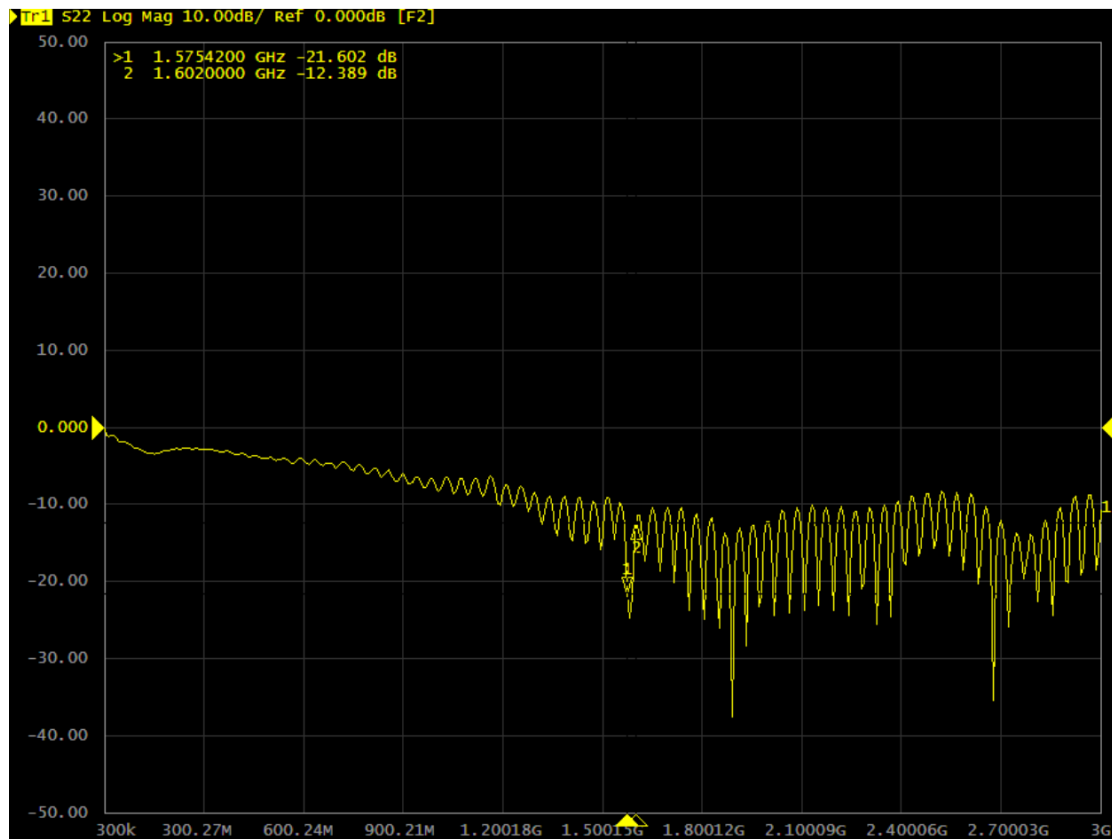
AO-AKOM-36XSS

Technology	GSM/UMTS/LTE/GPS/GLONASS
Frequency bands	800/900/1700/1800/2100/2400/2600/1575.42/1602 MHz
Bandwidth	-
Gain	2/30 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	Ø 54.4 x 28.7 mm
Weight	157.36 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Mounting
Cable type	2 x RG316/U
The cable length	2 x 3 m
Connector type	2 x SMA(m)
Certification	ISO 9001/ISO 14001
IP code	IP67

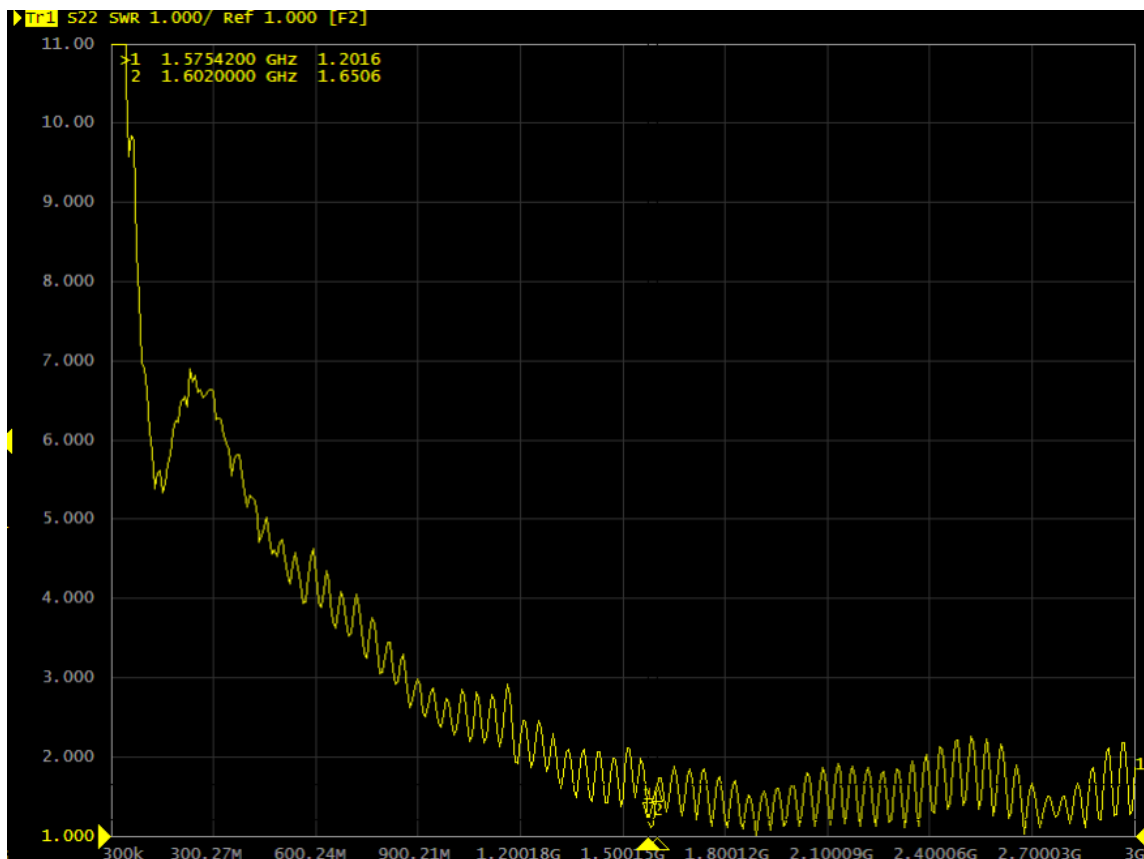
DRAWING



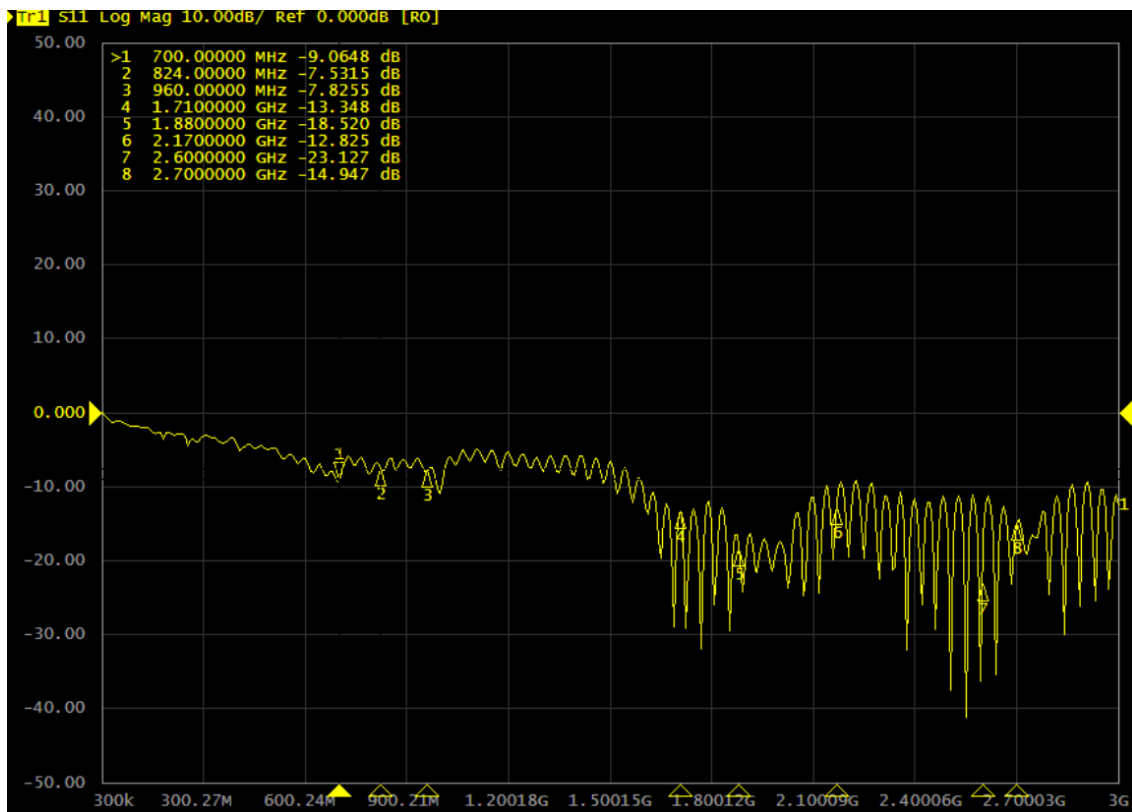
Return Loss (S11) - GNSS



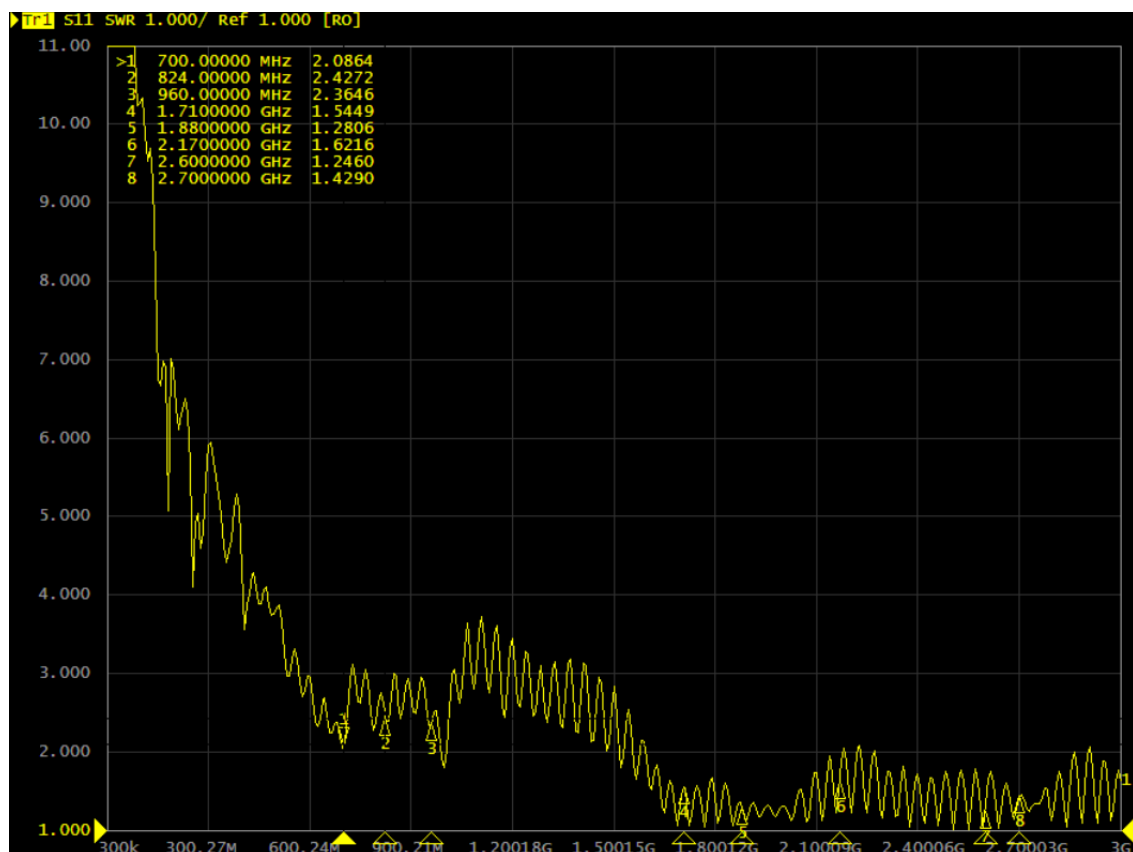
VSWR - GNSS



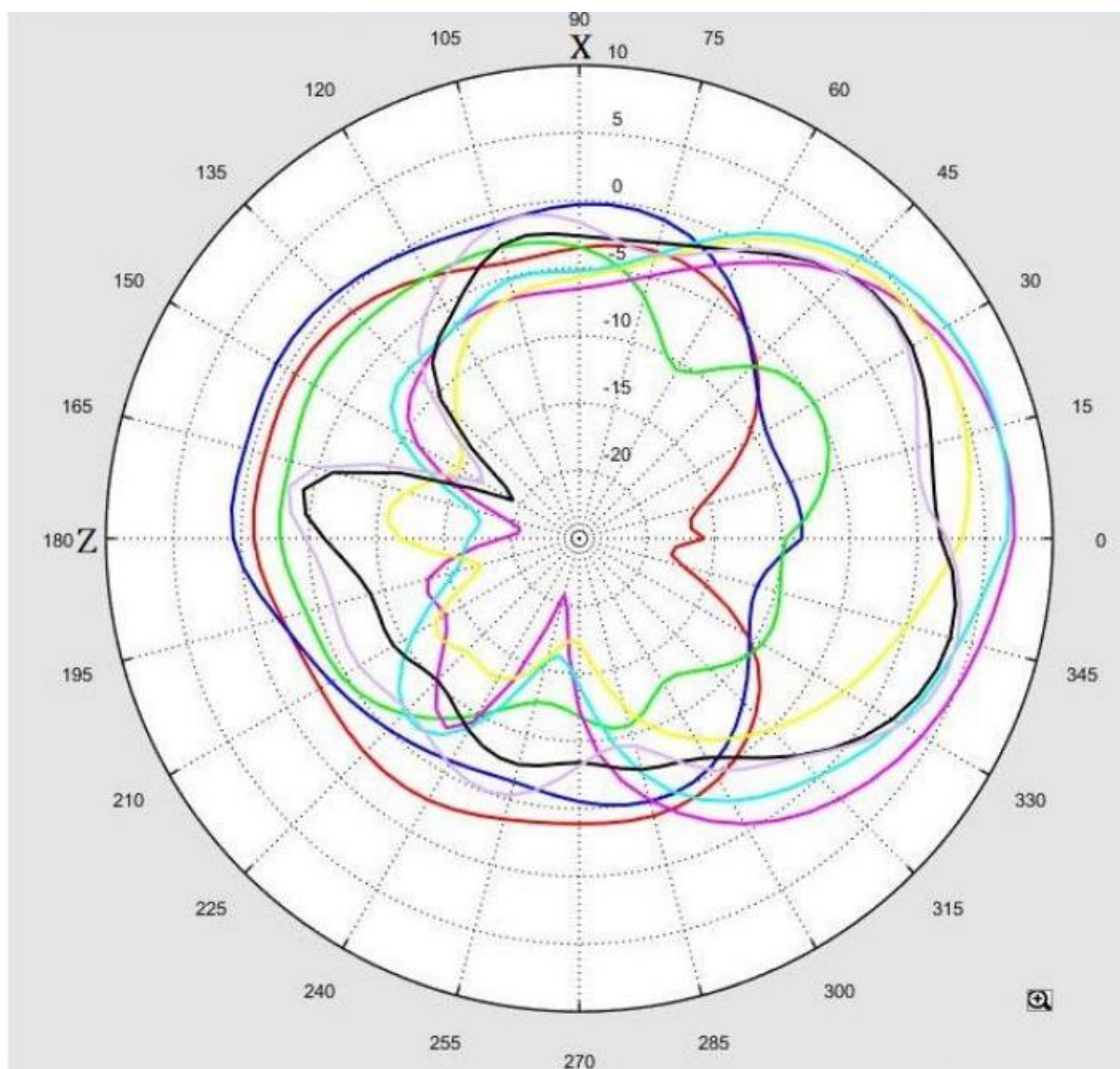
Return Loss (S11) - LTE



VSWR - LTE



Freq. / Chan.	Color
700MHz	Red
842MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.6GHz	Black
2.7GHz	Purple



Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dB)
700	-9.06	2.08	38.19	0.04
824	-7.53	2.42	44.77	2.41
960	-7.82	2.36	20.56	-0.86
1710	-13.34	1.54	67.61	7.15
1880	-18.52	1.28	67.45	7.06
2170	-12.82	1.62	47.32	5.01
2600	-23.12	1.24	58.75	4.03
2700	-14.94	1.42	61.09	4.09

CONTACTS

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