



LTE ANTENNA

Antenna GSM/UMTS/LTE/GPS/GLONASS
Mounting PUCK, 2x RG316/1m,
2x SMA(m)

AO-AKOM-36XSS1

SECTRON company offers a wide portfolio of LTE 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.

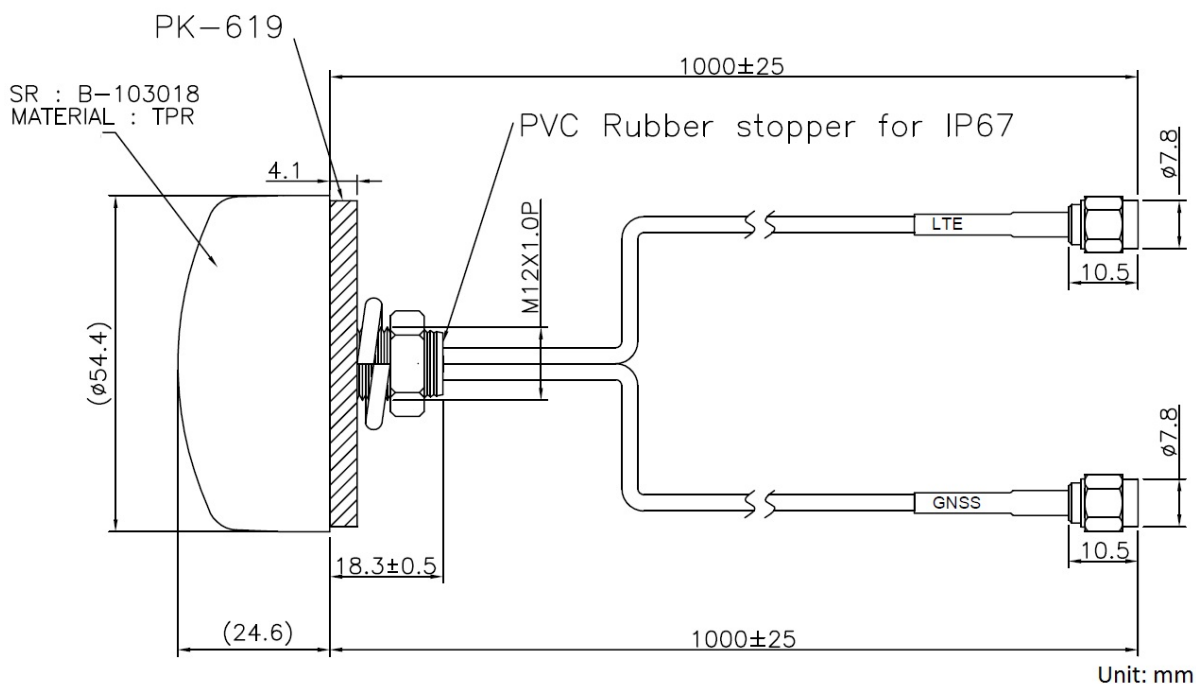


BENEFITS

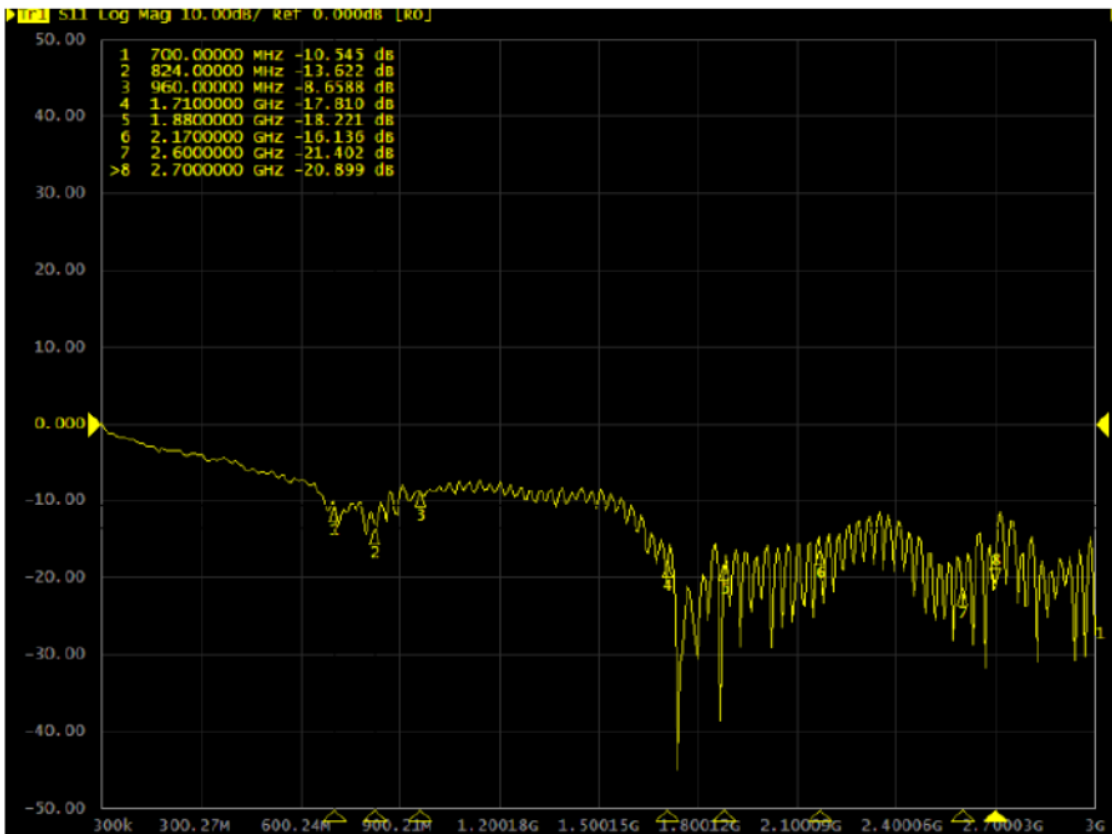
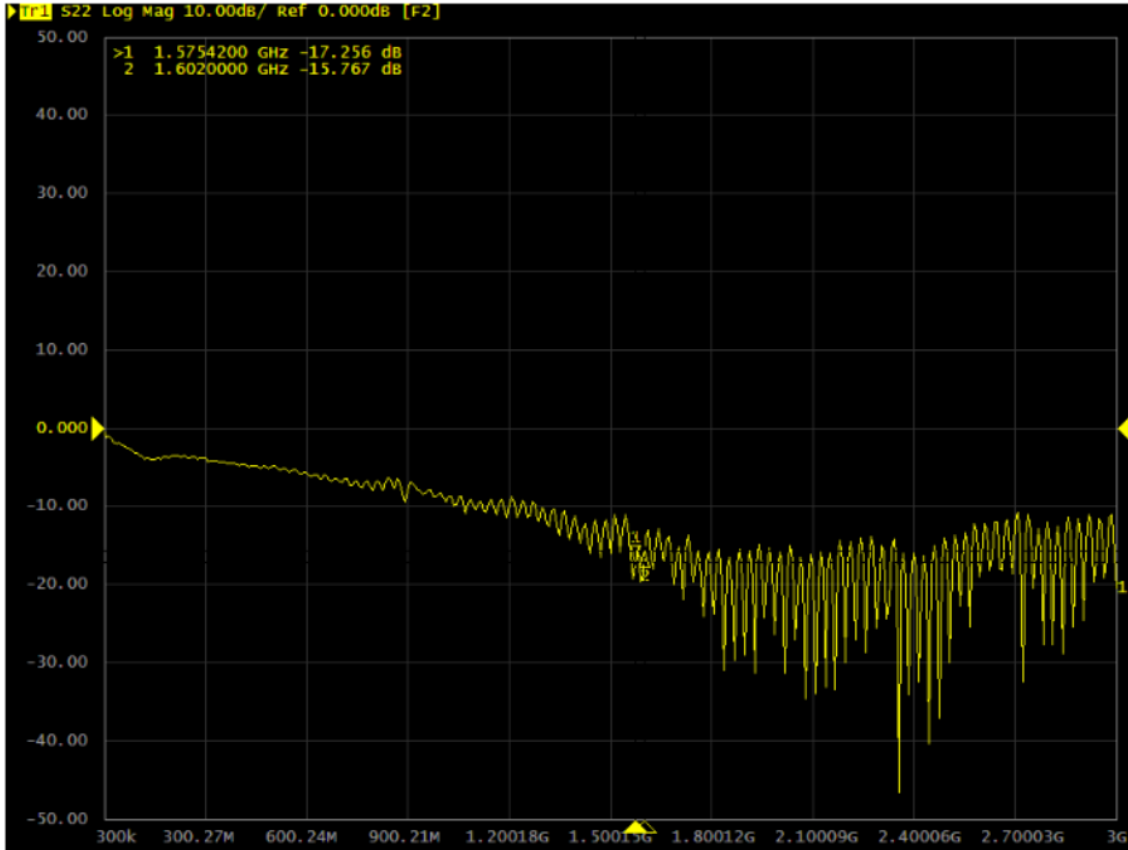
- High frequency range
- Environmental resistance

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	∅ 54.4 x 28.7 mm
Weight	137.85 g
Operating temperature	-30 to +90°C
Execution	External
Method of attachment	Mounting
Cable type	2 x RG316/U
The cable length	2 x 1 m
Connector type	2 x SMA(m)
Certification	ISO 9001/ISO 14001
IP code	IP67

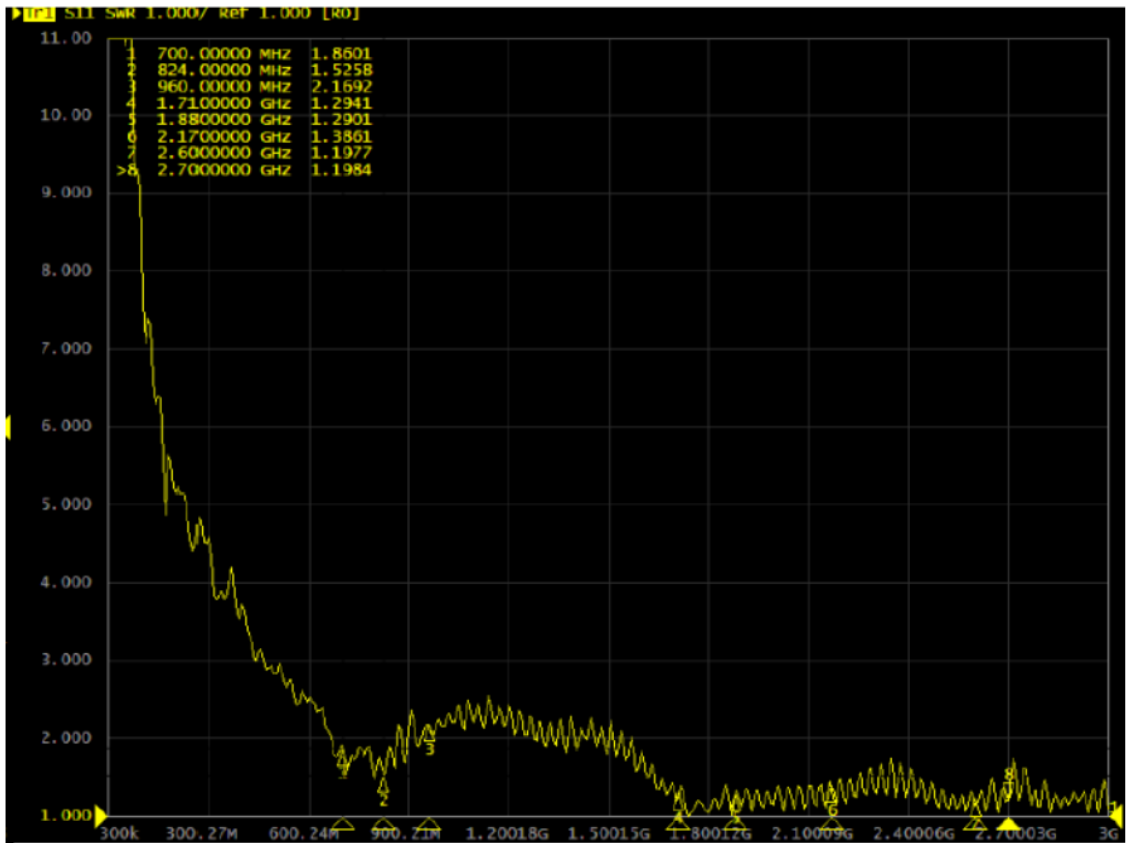
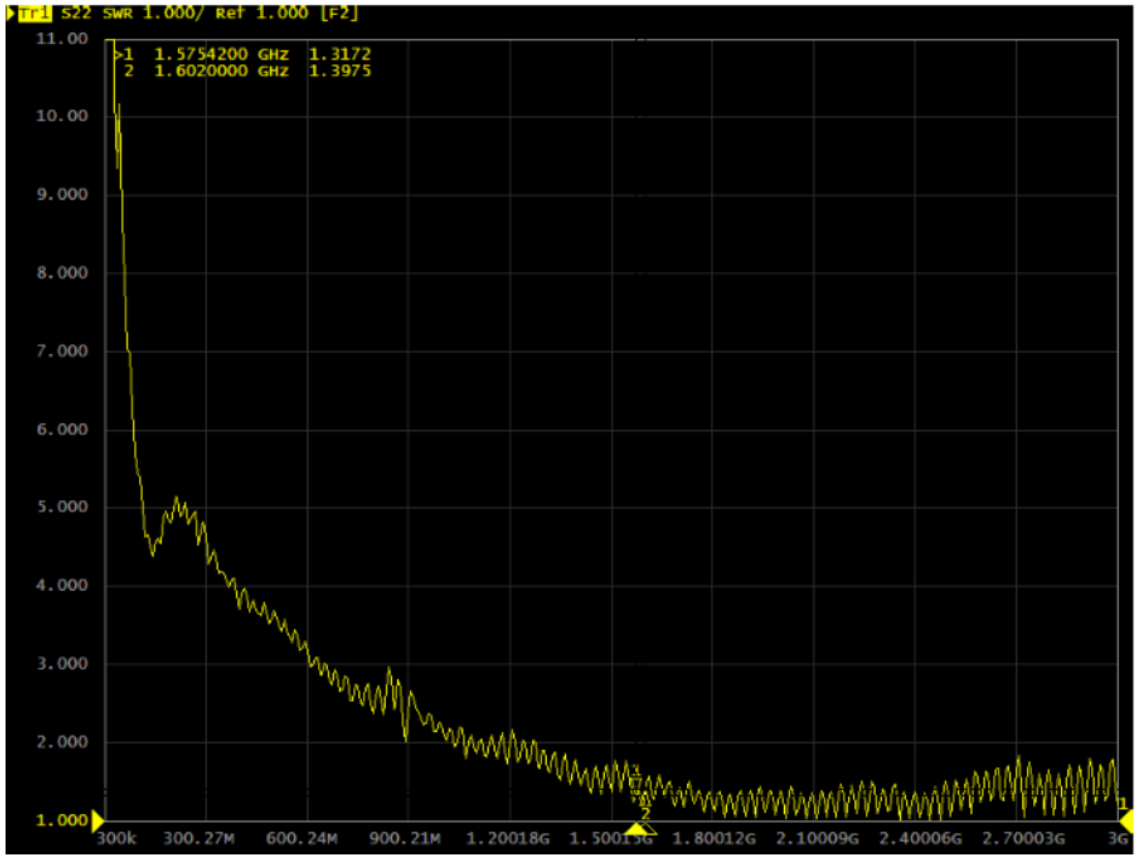
DRAWING



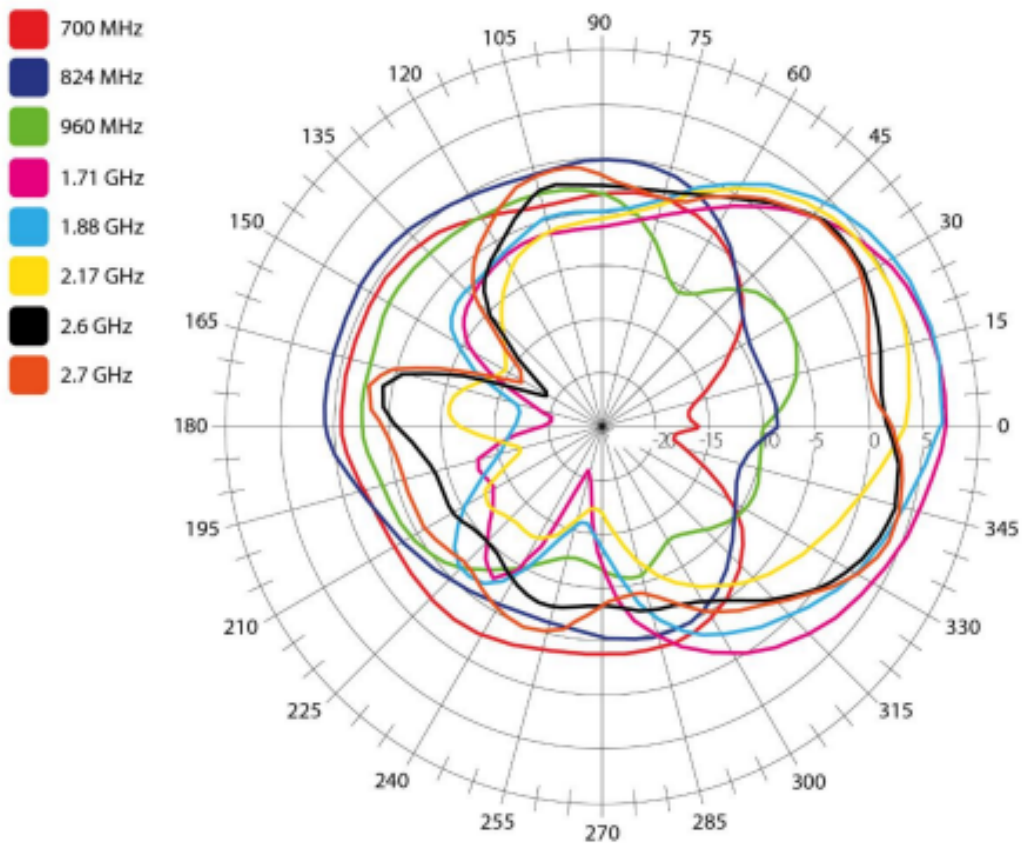
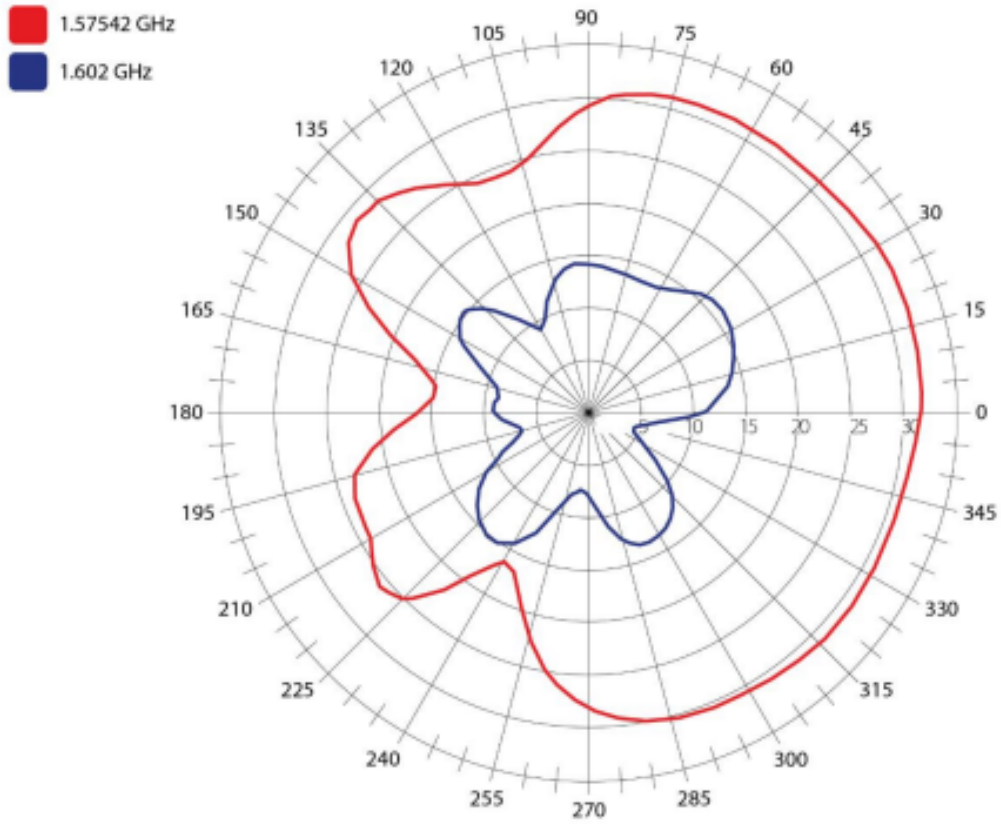
S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



2D RADIATION PATTERN



Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]	Efficiency [%]
700	-9.06	2.08	0.04	38.19
824	-7.53	2.42	2.41	44.77
960	-7.82	2.36	-0.86	20.56
1710	-13.34	1.54	7.15	67.61
1880	-18.52	1.28	7.06	67.45
2170	-12.82	1.62	5.01	47.32
2600	-23.12	1.24	4.03	58.75
2700	-14.94	1.42	4.09	61.09

Different connector variants or cable lengths are available on request.

SECTRON s.r.o. Josefa Šavla 1271/12
709 00 Ostrava 9, Czech Republic

WWW.SECTRON.CZ
Tel.: +420 556 621 020