



# GSM/UMTS ANTENNA

Antenna GSM/UMTS Connector  
Mount FMEV, 180°, 0 dBi, FME(f)

AO-AGSM-FMEV

SECTRON company offers a wide portfolio of GSM/UMTS 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

- Minimalistic dimensions
- Omnidirectional antenna
- Easy installation

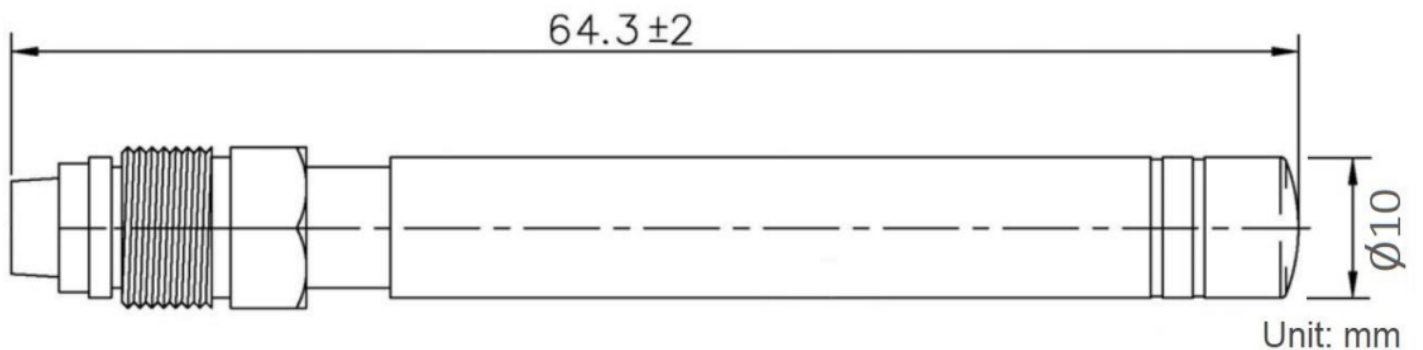


## FEATURES

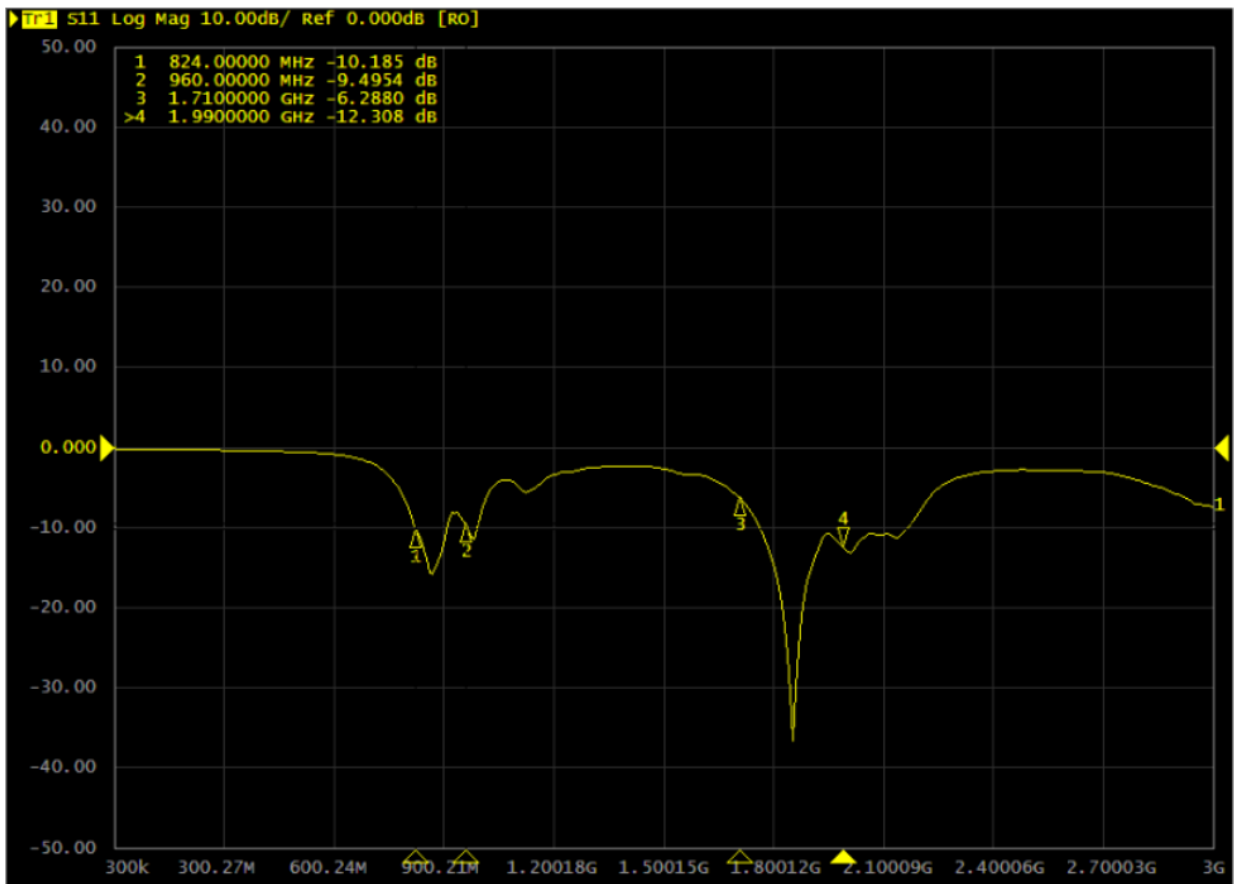
AO-AGSM-FMEV

Technology	GSM/UMTS
Frequency bands	800/900/1700/1800/1900 MHz
Bandwidth	-
Gain	0 dBi
VSWR	<2.9:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 10.0 x 64.3 mm
Weight	6.31 g
Operating temperature	-30 to +70 °C
Execution	External
Method of attachment	Connector Mount
Cable type	-
The cable length	-
Connector type	FME(f)
Certification	RoHS, ISO9001, ISO14001

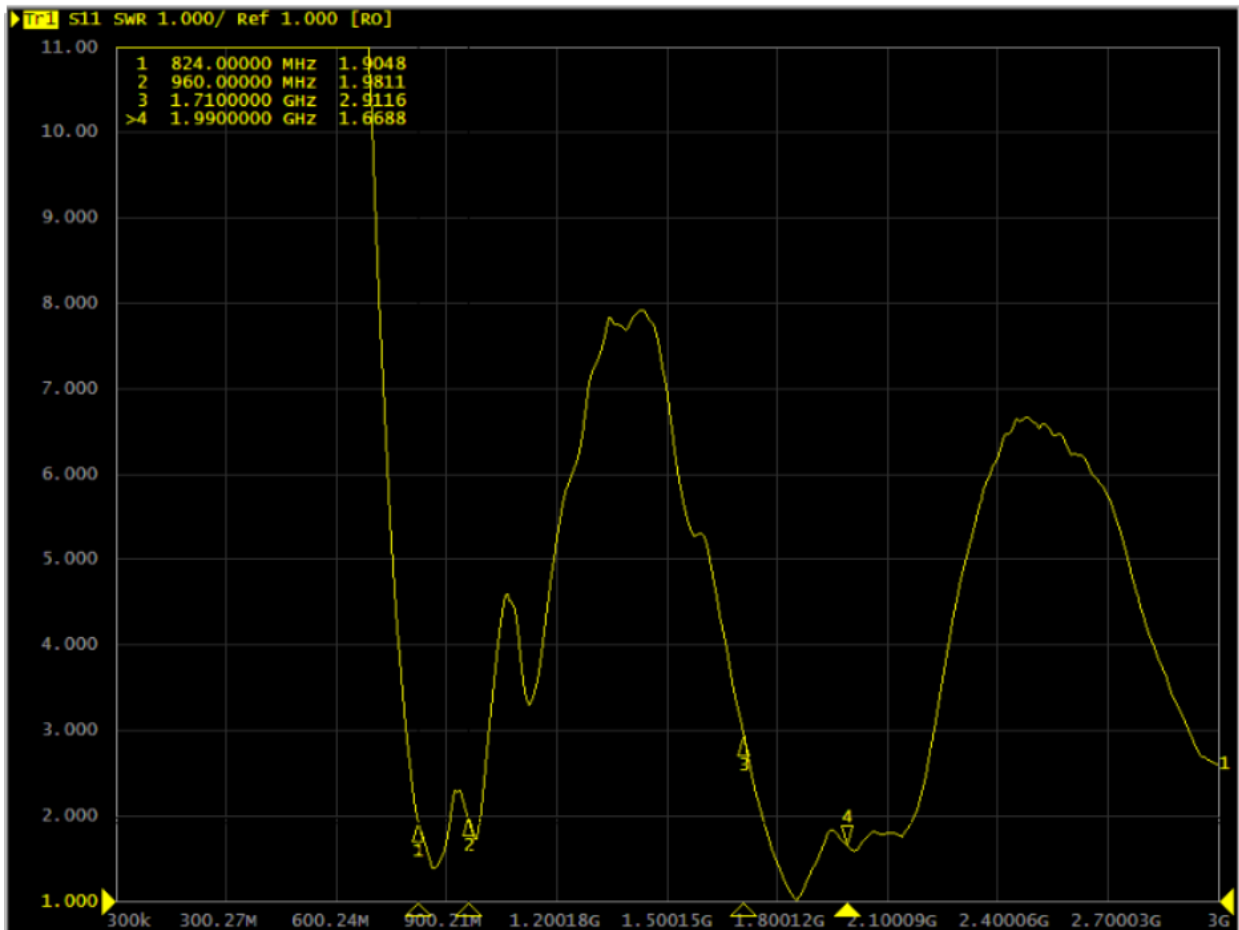
## DRAWING



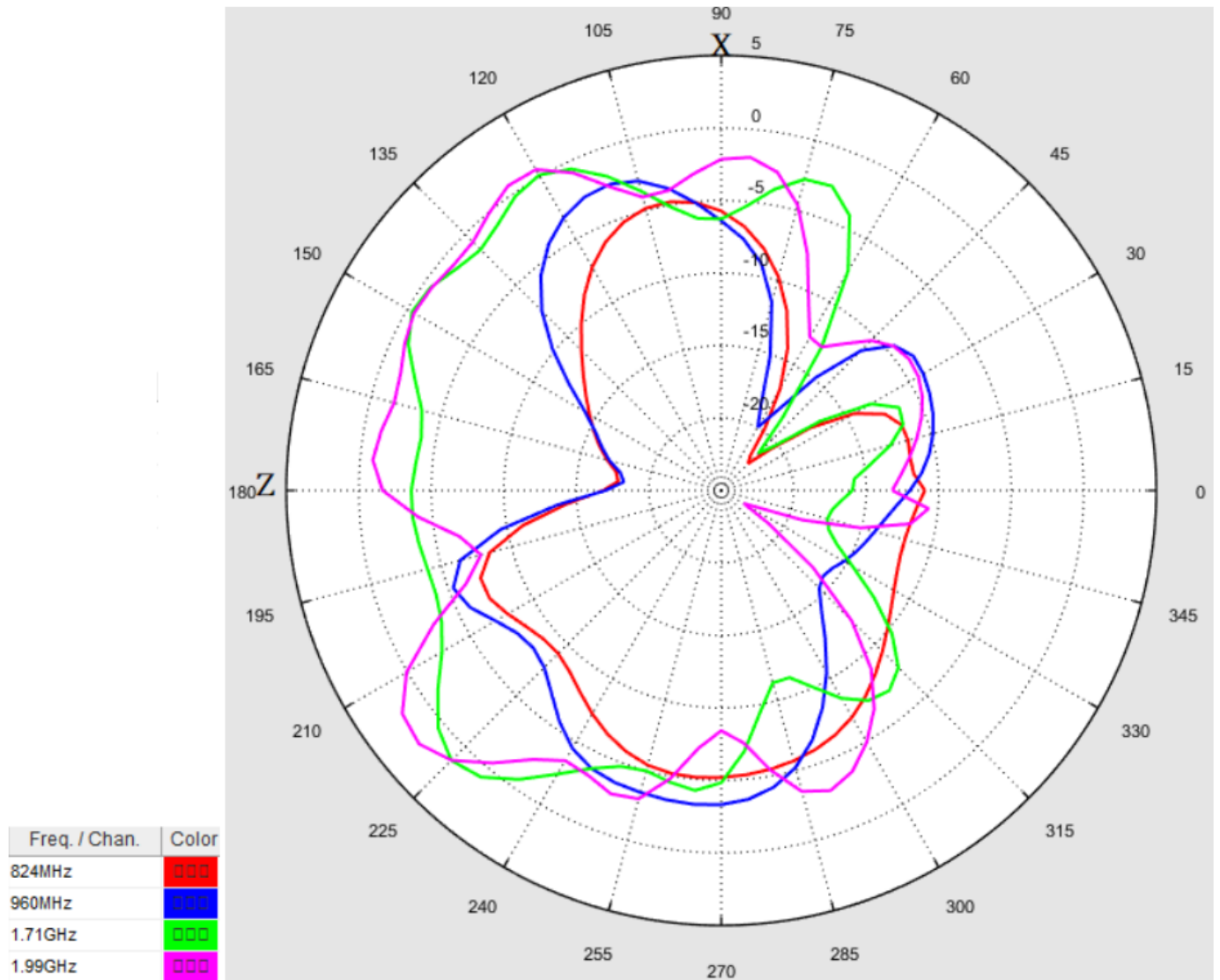
$S_{11}$  - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



## RADIATION PATTERN



## SUMMARY

Frequency [MHz]	$S_{11}$ [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
824	-10.18	1.90	17.74	-4.85
960	-9.49	1.98	23.88	-2.9
1710	-6.28	2.91	42.36	1.33
1990	-12.30	1.66	45.92	1.81

## VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS

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