



## 5G ANTENNA

Antenna 5G FLAT Stick 90°/180°,  
600-6000 MHz, 3 dBi, SMA(m)

AO-A5G-FSMAK

SECTRON company offers a wide portfolio 5G of 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.

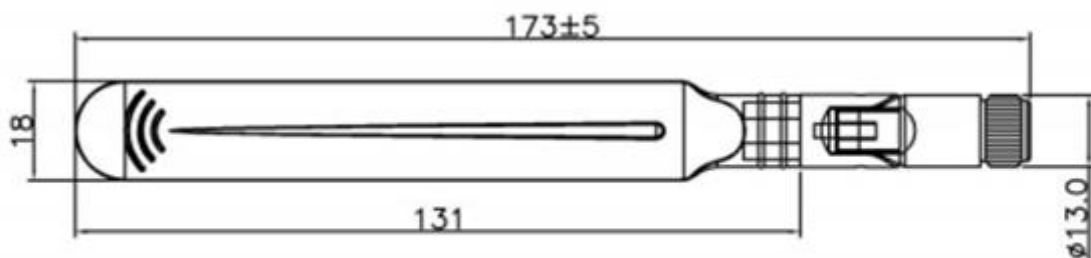
### BENEFITS

- Easy installation
- High frequency range
- Low VSWR on 5G frequencies



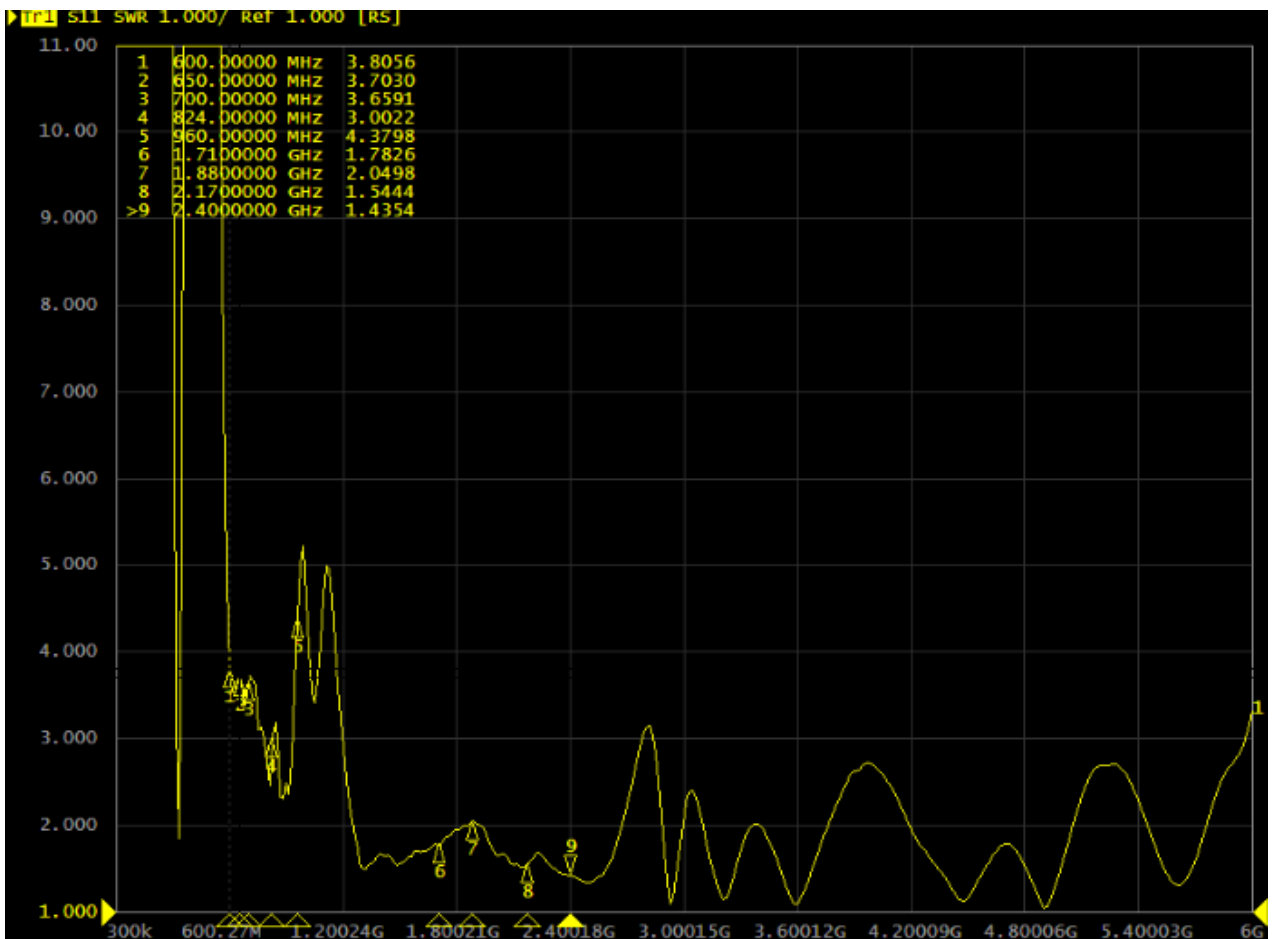
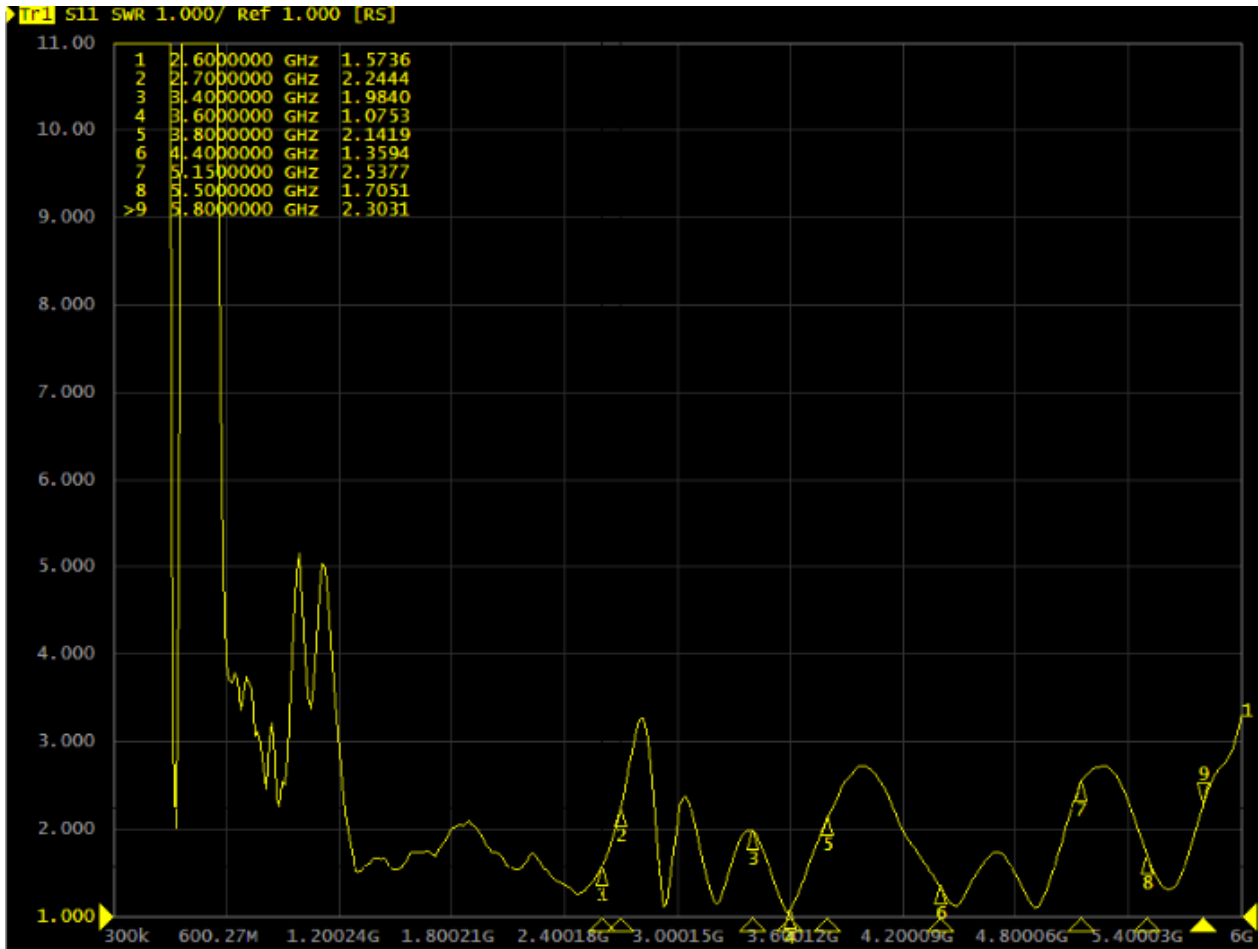
Technology	5G
Frequency bands	600-6000 MHz
Bandwidth	-
Gain	3.5 dBi
VSWR	<2.5:1
Impedance	50 Ohm
Directivity	Omni-directional
Beam angle	-
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	18 x 173 mm
Weight	-
Operating temperature	-20 °C-+70 °C
Execution	External
Method of attachment	Screw mount
Cable type	-
The cable length	-
Connector type	SMA(m)
Certification	RoHS

DRAWING

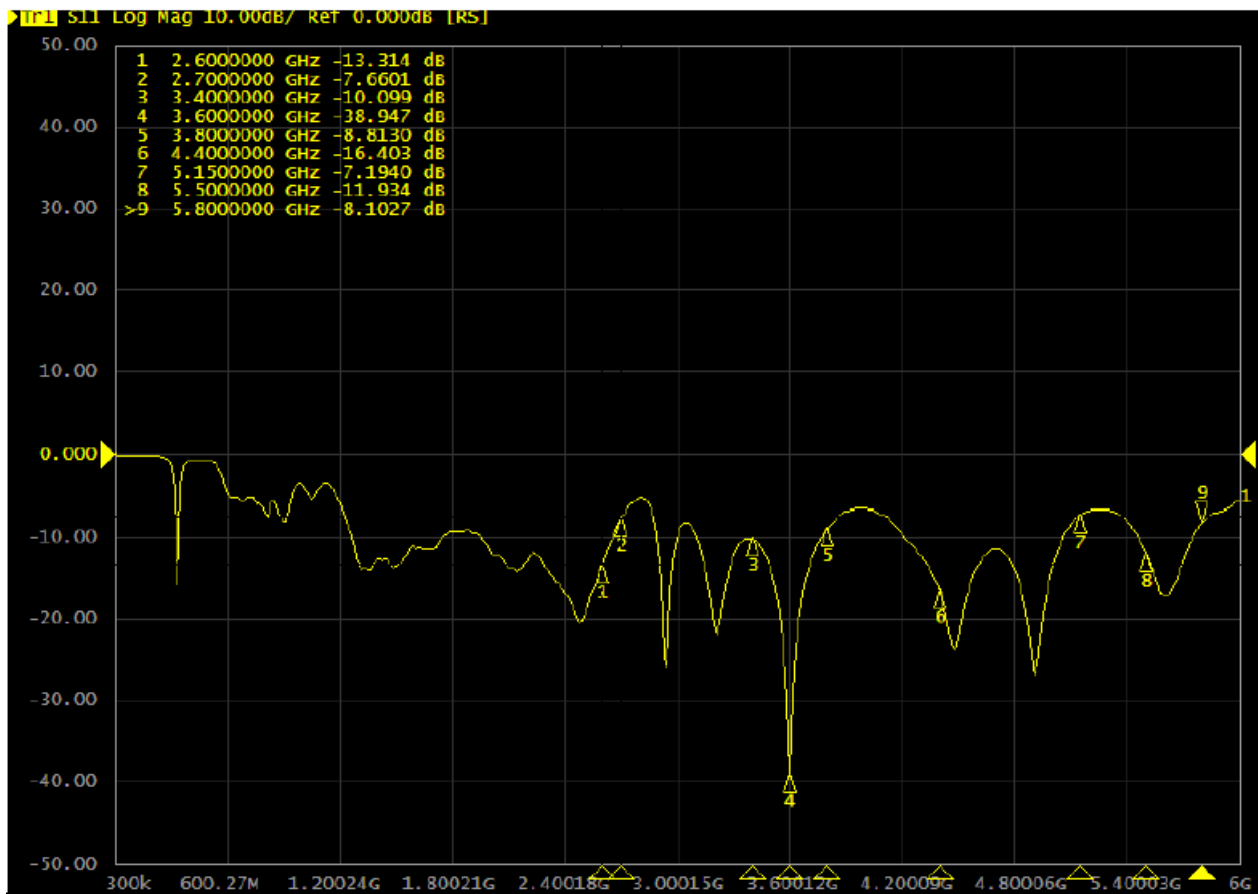
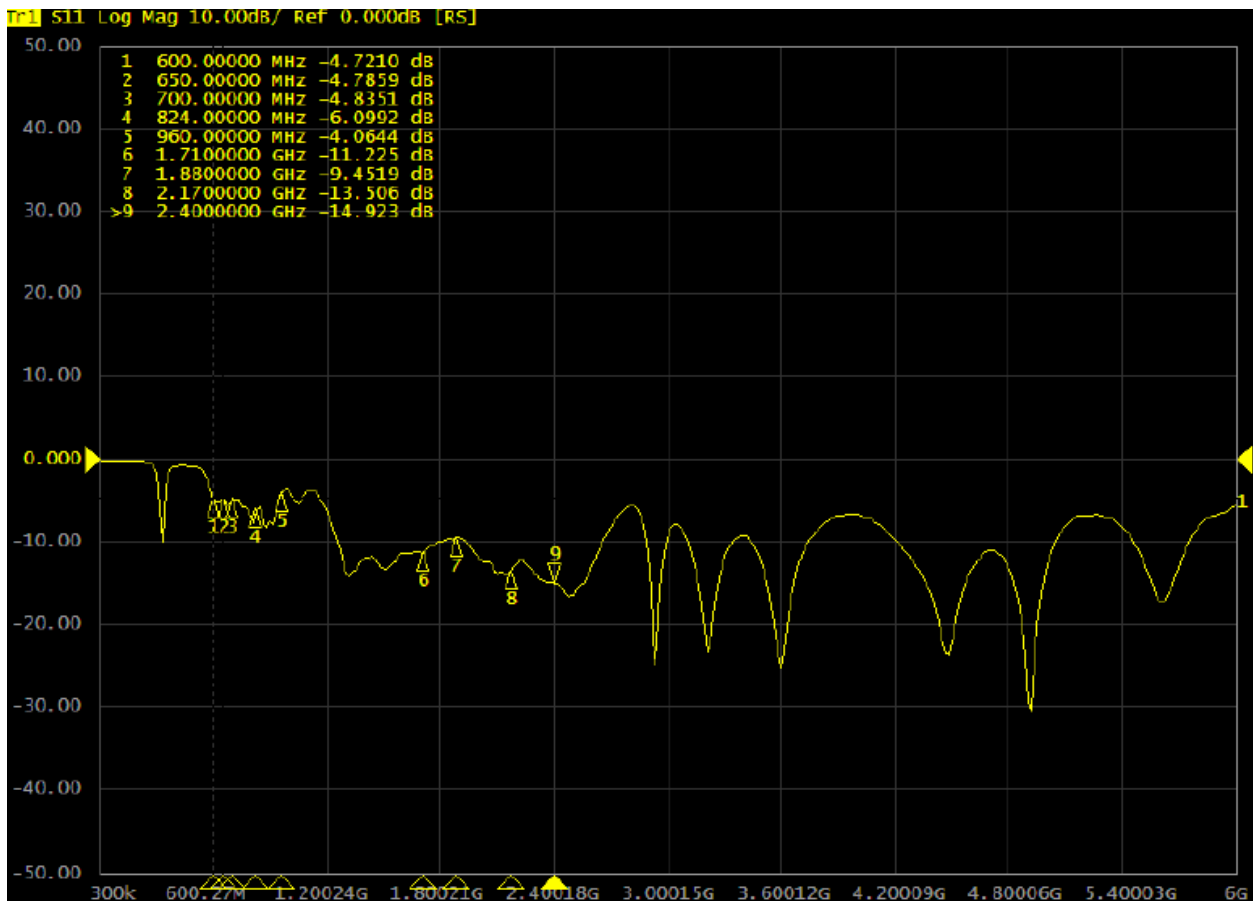


UNIT:mm

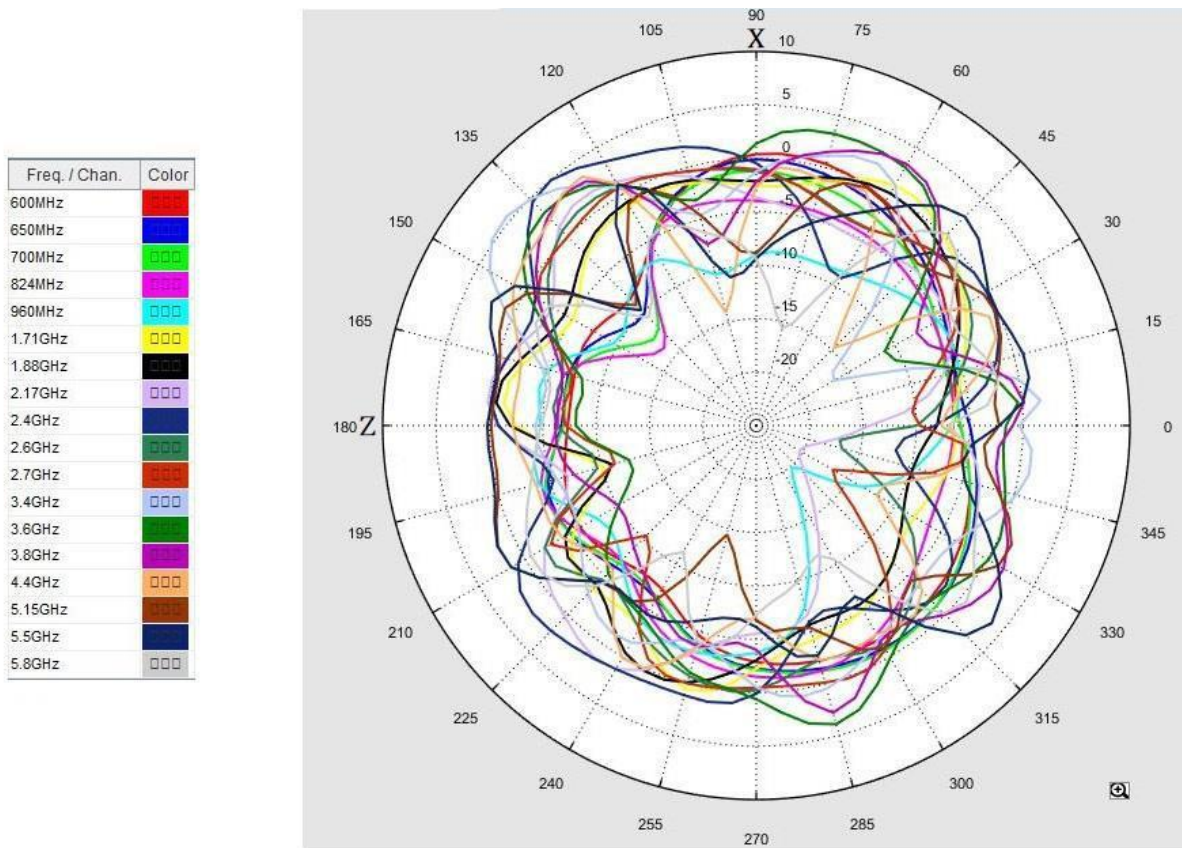
VSWR – Standing wave ratio [-]



### S11 – Return loss [dB]



## 2D - Radiation pattern [-]



Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
600	-4.72	3.8	52.12	0.39
650	-4.78	3.70	53.33	-0.09
700	-4.83	3.65	50.35	-0.66
824	-6.09	3.00	40.74	-1.26
960	-4.06	4.37	33.34	-1.5
1710	-11.22	1.78	61.38	1.88
1880	-9.45	2.04	59.02	2.28
2170	-13.50	1.54	51.88	3.05
2400	-14.92	1.43	82.22	4.62
2600	-13.31	1.57	52.84	0.86
2700	-7.66	2.24	52.48	0.79
3400	-10.09	1.98	74.3	4.94
3600	-38.94	1.07	83.18	3.93
3800	-8.81	2.14	68.55	3.24
4400	-16.40	1.35	50.47	4.48
5150	-7.19	2.53	42.17	2.69
5500	-11.93	1.70	57.68	2.75
5800	-8.10	2.30	34.28	2.01

## VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS

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