



UMTS/GSM ANTENNA

Antenna UMTS/GSM Adhesive U25,
2.5 dB, SMB(f), SC-174/3m

AO-AUMTS-S2B-SC174

SECTRON company offers a wide portfolio of UMTS/GSM 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
- Easy installation

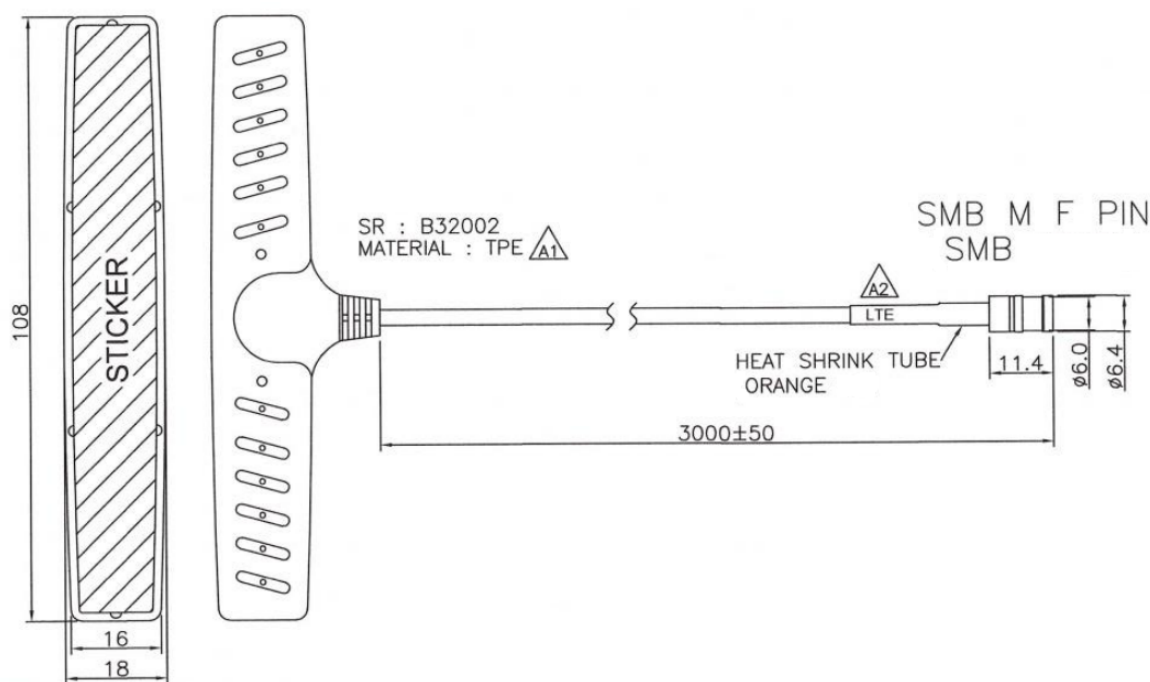


FEATURES

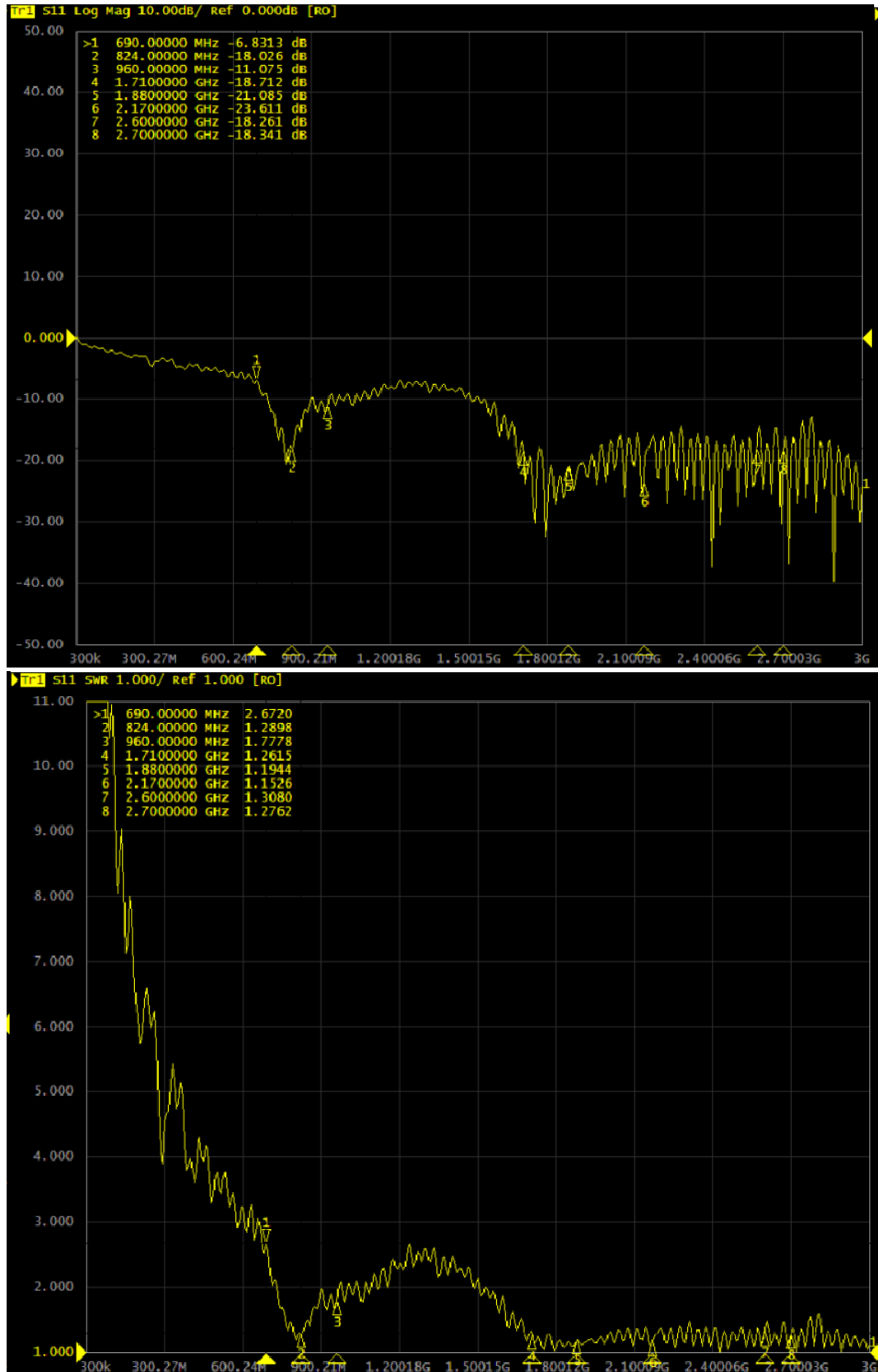
AO-AUMTS-S2B-SC174

| | |
|-----------------------|-------------------|
| Technology | UMTS/GSM |
| Frequency bands | 800/1900/2100 MHz |
| Bandwidth | - |
| Gain | 2.5 dBi |
| VSWR | <1.8:1 |
| Impedance | 50 Ohm |
| Directivity | Omnidirectional |
| Beam angle | H 360° V 30° |
| Polarization | Linear |
| Maximum input power | 10 W |
| Power voltage | - |
| Dimensions | 108 x 16 x 4 mm |
| Weight | 44.69 g |
| Operating temperature | -30 to +80 °C |
| Execution | External |
| Method of attachment | Adhesive |
| Cable type | SC-174 |
| The cable length | 3 m |
| Connector type | SMB(f) |

DRAWING

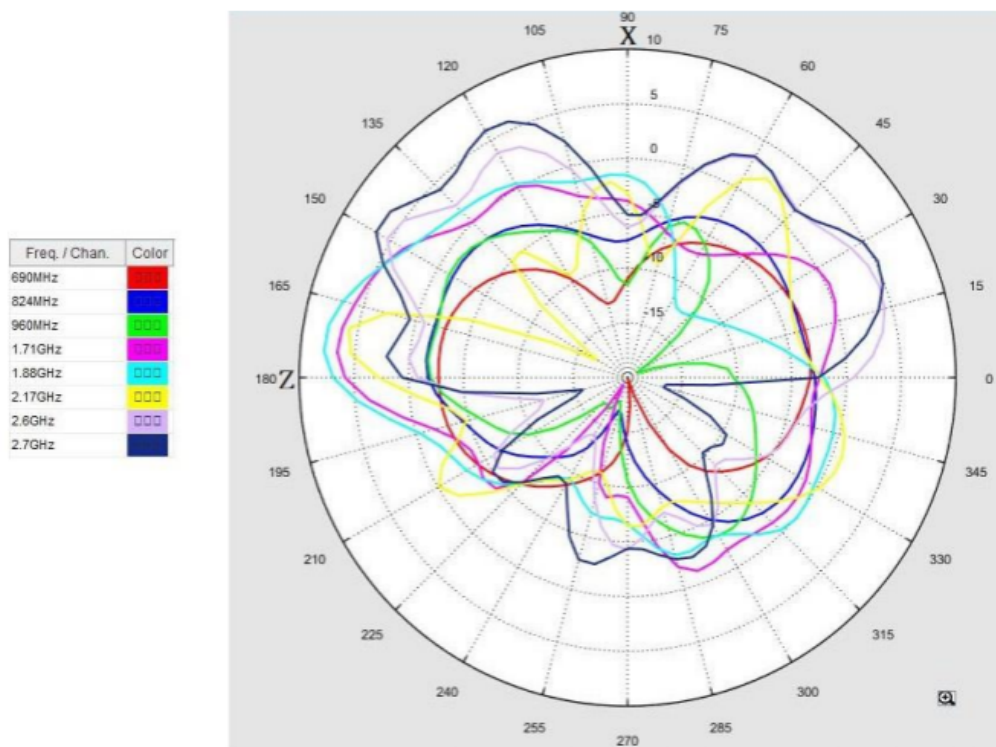


Test Data(Return Loss & VSWR)



3D Test Data

3D Test Data



| Frequency (MHz) | Return Loss (dB) | VSWR | Efficiency (%) | Gain (dBi) |
|-----------------|------------------|------|----------------|------------|
| 690 | -6,83 | 2,67 | 36,1 | 6,31 |
| 824 | -18,02 | 1,28 | 84,72 | 3,78 |
| 960 | -11,07 | 1,77 | 55,98 | 2,93 |
| 1710 | -18,71 | 1,26 | 65,61 | 5,90 |
| 1880 | -21,28 | 1,19 | 66,14 | 4,75 |
| 2170 | -23,61 | 1,16 | 46,45 | 4,75 |
| 2600 | -18,26 | 1,29 | 58,99 | 4,83 |
| 3500 | -8,34 | 1,27 | 61,83 | 5,36 |

Different connector variants or cable lengths are available on request.

CONTACTS

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