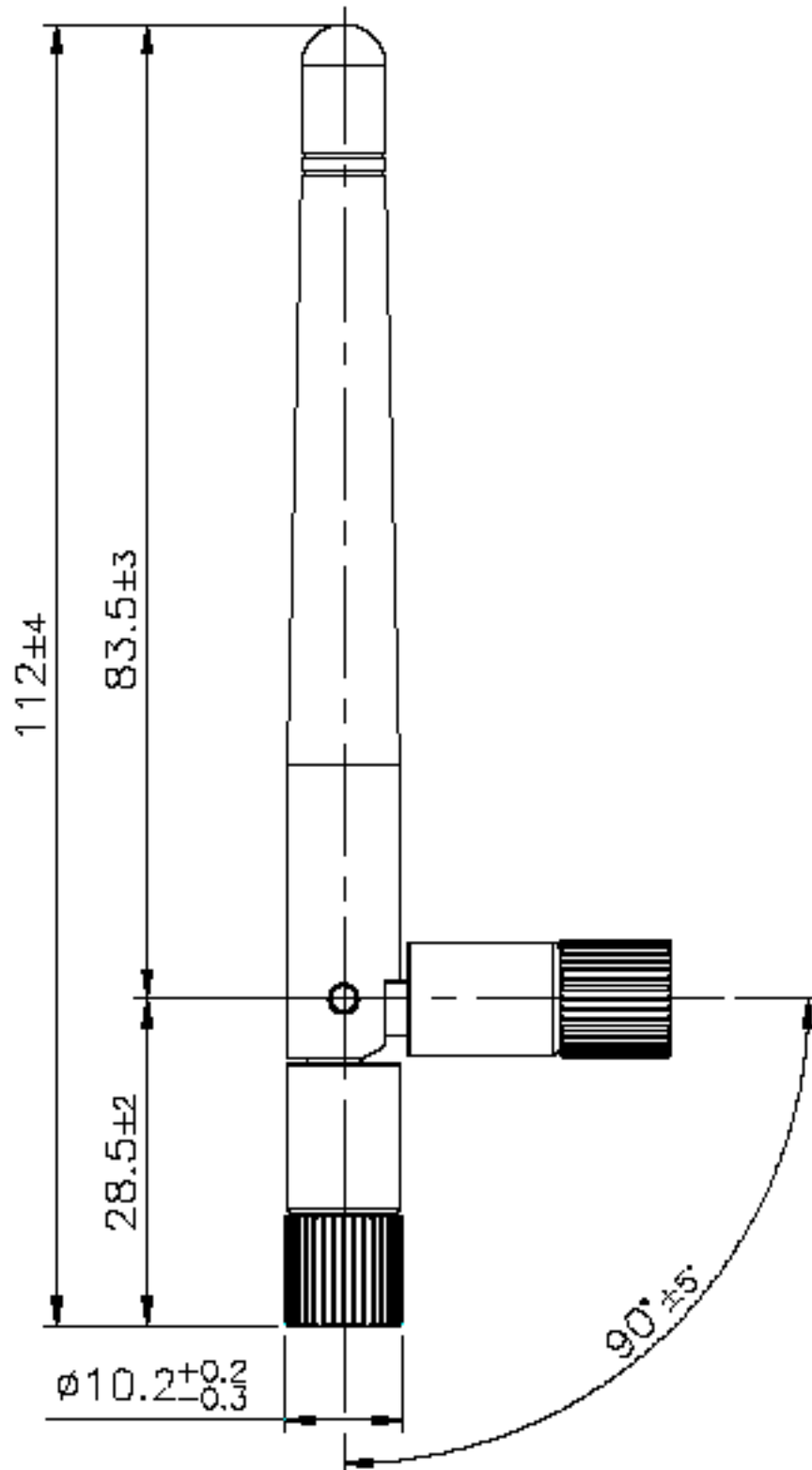


Swivel Access Point Antenna

for 2.4/5 GHz

SAA05-22118A OUTLINE DRAWING



Swivel Access Point Antenna

for 2.4/5 GHz

SAA05-22118A

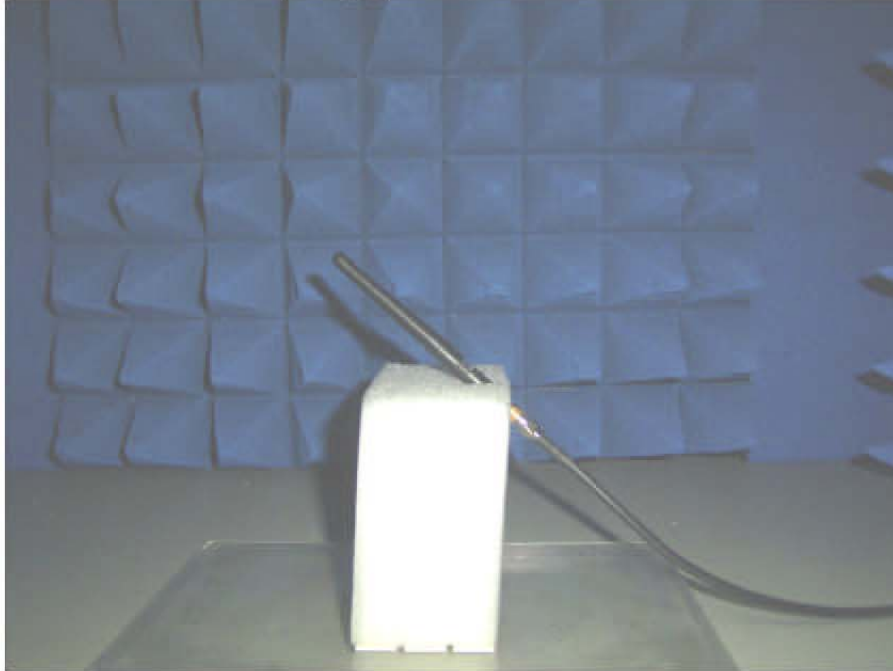
Specifications

| No | Description | Specifications |
|----|-----------------|---------------------------|
| 1 | Impedance | 50 Ω |
| 2 | Frequency range | 2.4~2.5 Ghz , 5.2~5.85Ghz |
| 3 | VSWR | 2.0 Max |
| 4 | Gain | 2 dBi |
| 5 | Polarization | Linear, vertical |
| 6 | HPBW/horizontal | 360° |
| 7 | HPBW/vertical | 80° |
| 8 | Power handling | 2W (cw) |
| 9 | Connector | RP-SMA Plug |
| 10 | Cable | RG178 Cable |
| 11 | Temperature | -10°C to +55°C |
| 12 | Humidity | 95% @ 55°C |

Swivel Access Point Antenna for 2.4/5 GHz

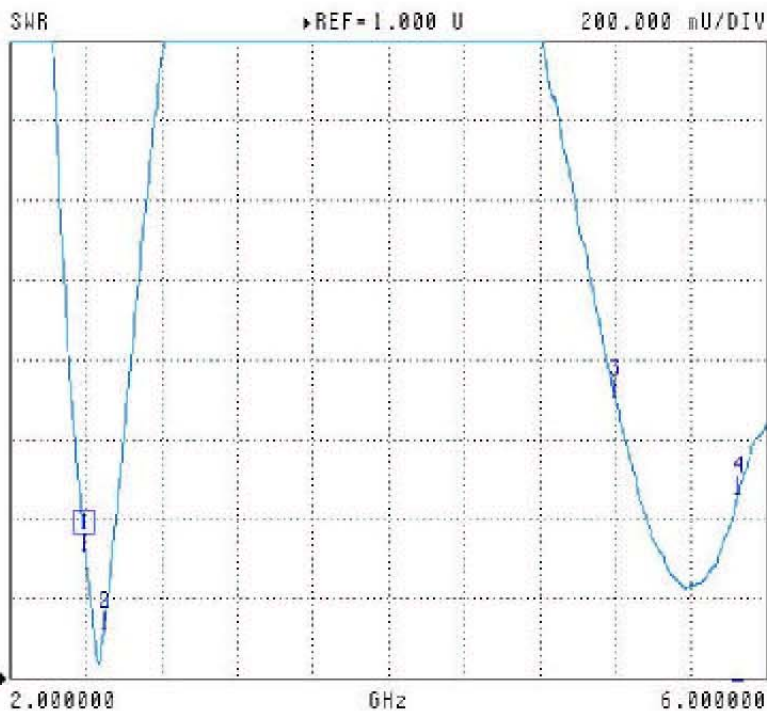
SAA05-22118A

VSWR Test Picture (Straight)



VSWR

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.400000 GHz
1.320 U

MARKER TO MAX
MARKER TO MIN

2 2.500000 GHz
1.125 U

3 5.200000 GHz
1.704 U

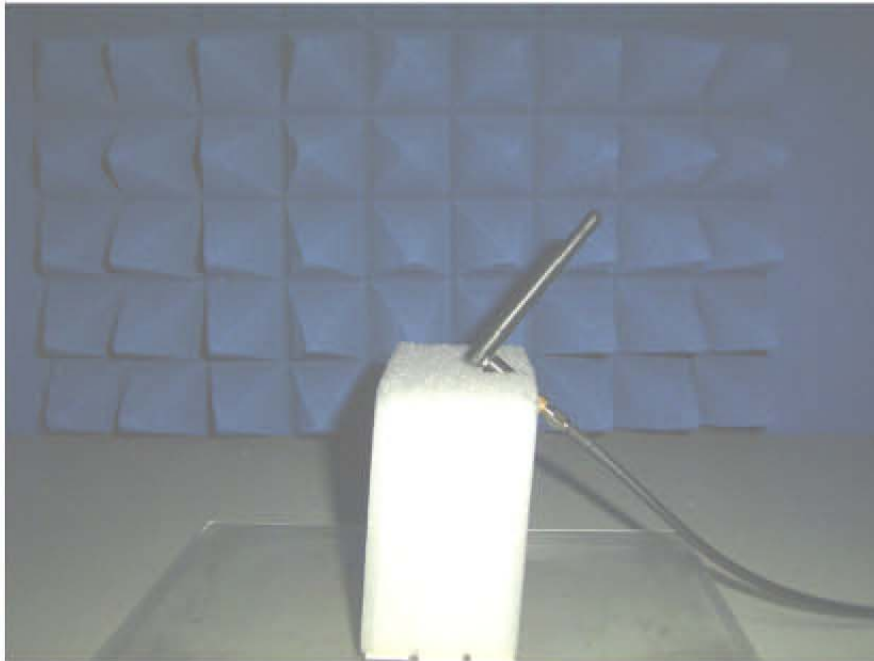
4 5.850000 GHz
1.461 U

MARKER READOUT
FUNCTIONS

Swivel Access Point Antenna for 2.4/5 GHz

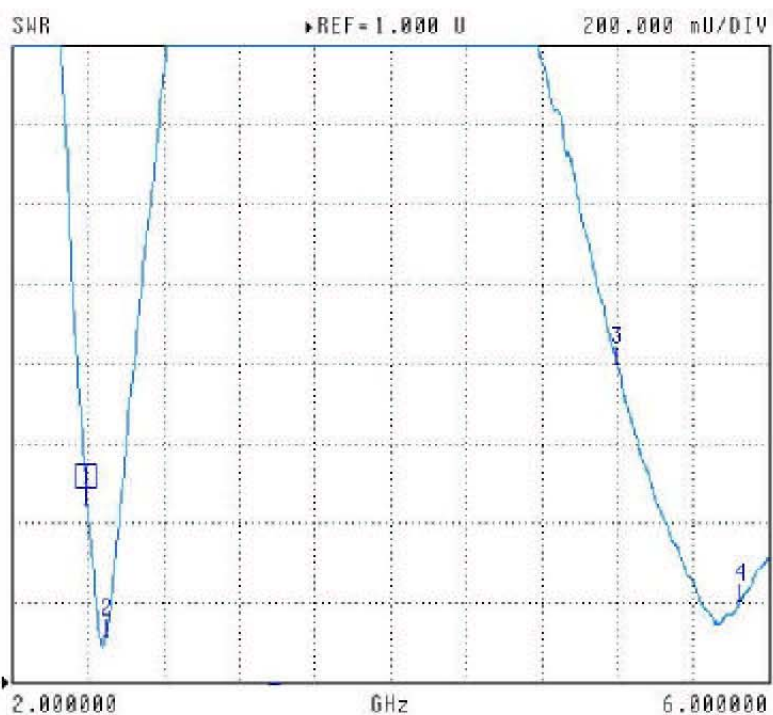
SAA05-22118A

VSWR Test Picture (90°)



VSWR

S11 FORWARD REFLECTION



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.400000 GHz
1.445 U

MARKER TO MAX
MARKER TO MIN

2 2.500000 GHz
1.115 U

3 5.200000 GHz
1.800 U


4 5.850000 GHz
1.204 U

MARKER READOUT
FUNCTIONS

Swivel Access Point Antenna for 2.4/5 GHz

SAA05-22118A

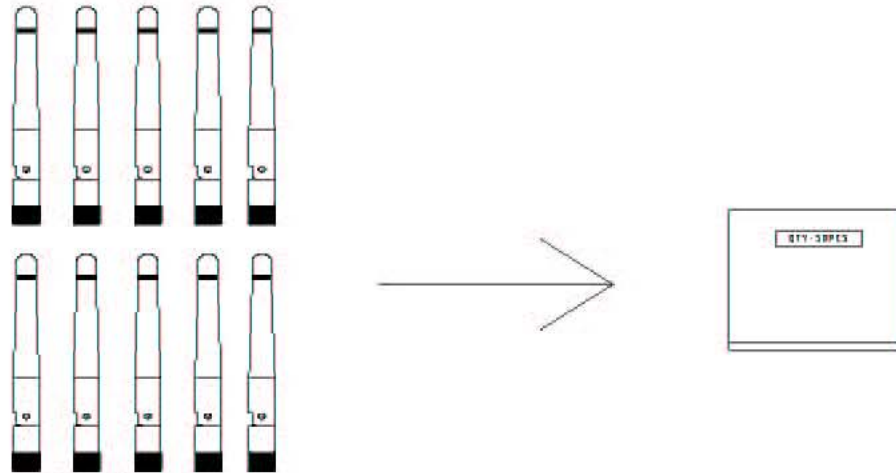
Connector rotation torque test

| | | |
|---|---------------|------------------|
| Test Picture  | Specification | 150~500 gf/cm |
| | Test result | 400 gf/cm |
| | Judge | Pass |
| | | |

Swivel Access Point Antenna for 2.4/5 GHz

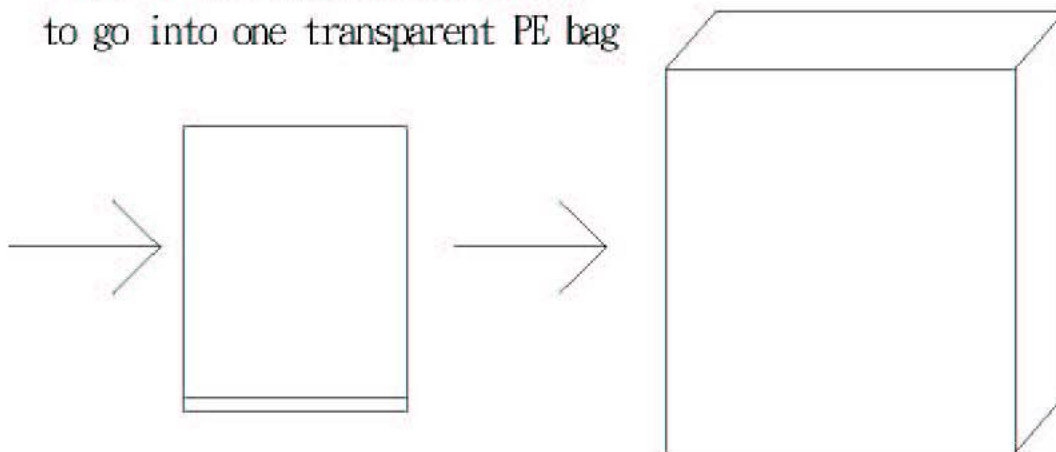
SAA05-22118A PACKING

The packing explains:



The 10 PCS antenna packs to go into on
clipping the chain bag inside
each clip the chain bag to post a label

The 5 PCSs clips the chain bag
to go into one transparent PE bag



20 packs of with hot PE bags
like pack into a box
L: W: H: = 490:294:180 (mm)

Swivel Access Point Antenna

for 2.4/5 GHz

SAA05-22118A SGS report list

| No. | Components | Material | Test Item | | | | | | Pass/Fail | Note |
|-----|----------------------|-----------|-----------|---------|-------|------|------|-------|----------------|------|
| | | | Cd(鎘) | Pb(鉛) | Hg(汞) | Cr6+ | PBBs | PBBEs | | |
| 1 | Connector | BeCu (鍍銅) | N.D. | 14.5 | N.D. | N.D. | --- | --- | CE/2006/63955 | Pass |
| 2 | Thread Body | 鍍金 | N.D. | N.D. | N.D. | N.D. | --- | --- | CE/2006/63959 | Pass |
| 3 | Knurling Body | BRASS | 34.9 | 27001.4 | N.D. | N.D. | --- | --- | CE/2006/63956 | Pass |
| 4 | Insulation | 鍍金 | N.D. | N.D. | N.D. | N.D. | --- | --- | CE/2006/63959 | Pass |
| 5 | Grounding Spring | BRASS | 34.9 | 27001.4 | N.D. | N.D. | --- | --- | CE/2006/63956 | Pass |
| 6 | Outer Plastic Body | 鍍金 | N.D. | N.D. | N.D. | N.D. | --- | --- | CE/2006/63959 | Pass |
| 7 | O-Ring | HD PE | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2005/83039 | Pass |
| 8 | Cable | TEFLON | --- | N.D. | N.D. | N.D. | N.D. | N.D. | SH503079/CHEM | Pass |
| 9 | Radome | SUS 304 | N.D. | N.D. | N.D. | N.D. | --- | --- | CE/2005/33875 | Pass |
| 10 | Joint | POM | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2005/87180 | Pass |
| 11 | Inner Fixing Plastic | NBR | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2004/53035 | Pass |
| 12 | Brass Tube | RG178/U | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2005/C0209A | Pass |
| 13 | 熱縮套管 | ABS | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | KE/2006/10283 | Pass |
| 14 | 無鉛錫棒 | POM | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2005/87180 | Pass |
| 15 | 表面紙板 | TEFLON | --- | N.D. | N.D. | N.D. | N.D. | N.D. | SH503079/CHEM | Pass |
| 16 | 瓦楞紙 | BRASS | 34.9 | 27001.4 | N.D. | N.D. | --- | --- | CE/2006/63956 | Pass |
| 17 | PE塑膠袋 | 鍍錫 | N.D. | N.D. | N.D. | N.D. | --- | --- | CE/2006/63958 | Pass |
| 18 | INK | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2006/53532 | Pass |
| 19 | PAPER LABEL | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | CE/2006/53520 | Pass |