

## Panel antenna 900/1800/2100 MHz

PA903T-50N is a directional flat indoor panel antenna.

### Key features:

- Broadband input
- Solid case
- Commonly used 50Ω impedance
- Handy clamps

### Application areas:

- GSM 900/1800
- UMTS
- RFID



### Technical specifications:

Type	Directional flat panel antenna
Frequency range	880-960 MHz 1710-2100 MHz
Gain:	
@ 900MHz	7 dBi
@ 1800MHz	7 dBi
@ 2100MHz	7 dBi
Beam width (3dB):	
@ 900MHz	60°/90°
@ 1800MHz	50°/90°
@ 2100MHz	50°/90°
VSWR:	2:1 typical
@ 900MHz	1.9
@ 1800MHz	1.5
@ 2100MHz	1.9
Polarization	Linear
Connector	50Ω N-female
Dimensions	120 x 190 x 38mm
Color	Grey

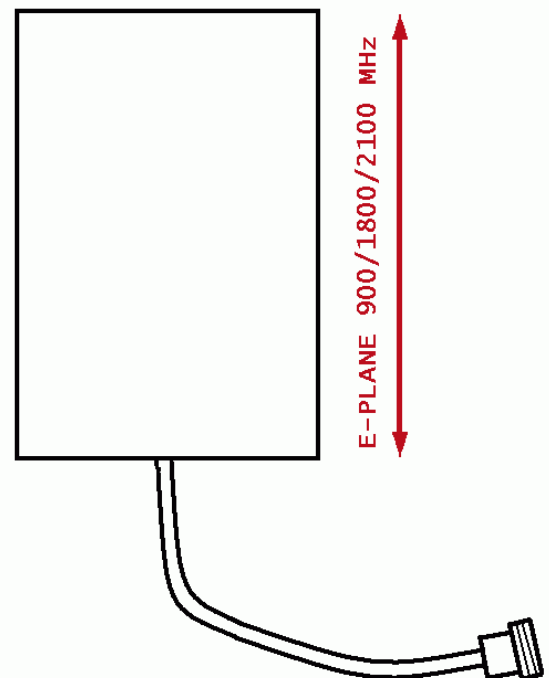


Figure 1. Polarization.

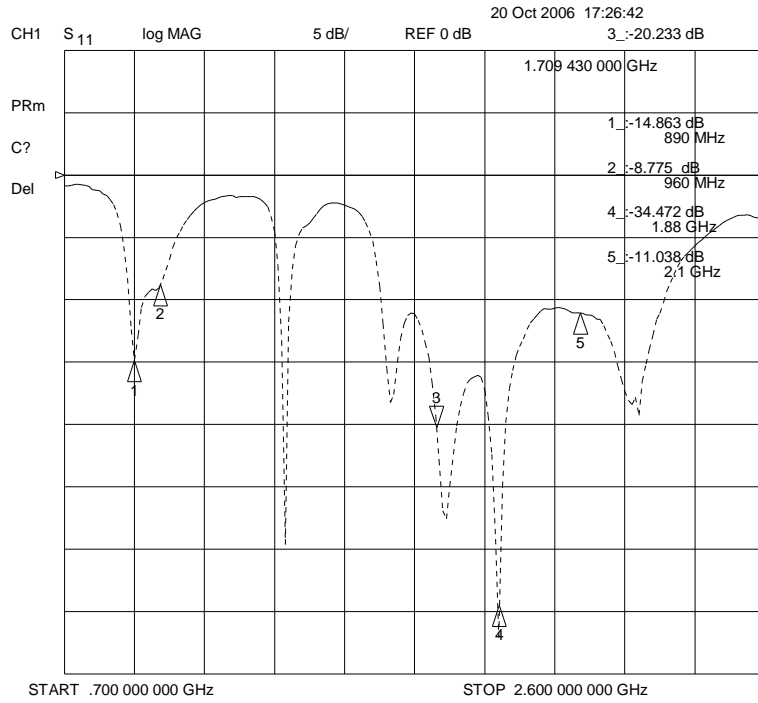


Figure 2. Example of input reflection loss (-S<sub>11</sub>) function.

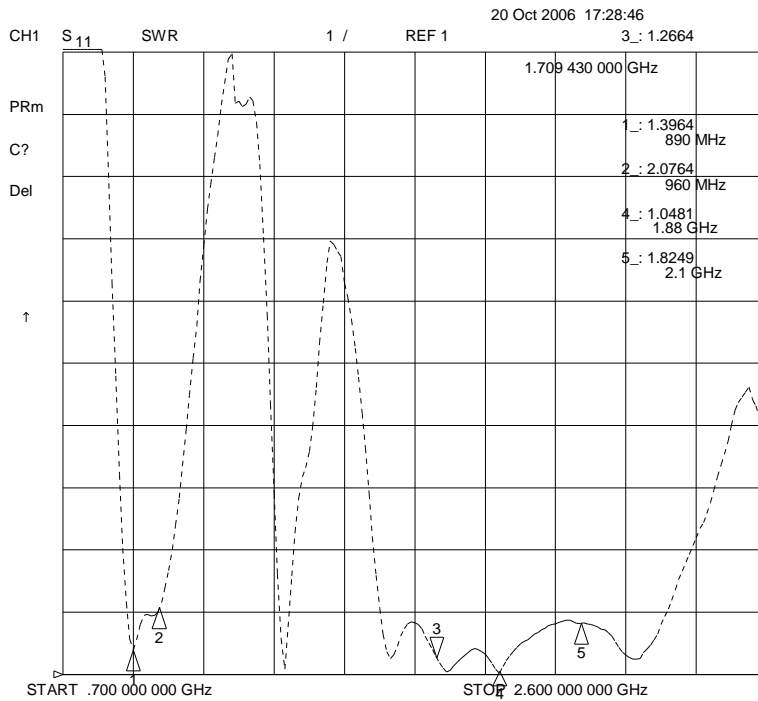


Figure 3. Example of standing wave ratio (SWR) at antenna input.