

# Hight Gain Directional Panel Antenna for 2.4 ISM Band

Version 1.0

## SAA04-050270

### Electrical Specification

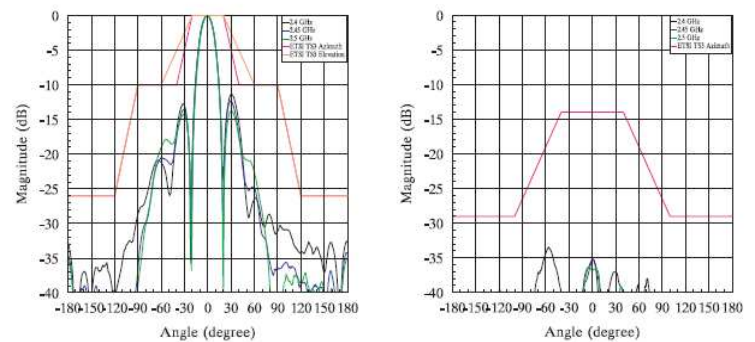
Frequency range	2400 - 2500 MHz
Gain	18 dBi
VSWR	1.5 : 1 Max.
Polarization	Linear, Vertical
HPBW/horizontal	15°
HPBW/vertical	15°
Front to back ratio	26 dB
Downtilt	0°
Power handling	50 W (cw)
Input impedance	50 Ohm
Connector	N female
ETSI standard	EN 301 525 V1.1.1 (2000-06)CLASS TS3
Lighting protection	DC ground

### Environmental & Mechanical Characteristics

Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95 % @ 55°C
Radome color	White
Radome material	ABS, UV Resistant
Housing material	Galvanized Iren Fire retardant
Weight	1.6Kg
Dimensions	360 x 360 x 16 mm



V-plane Co-polarization Pattern



H-plane Co-polarization Pattern

