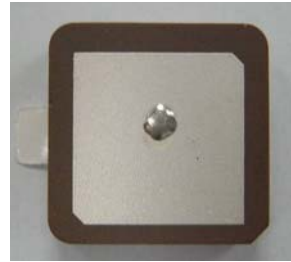


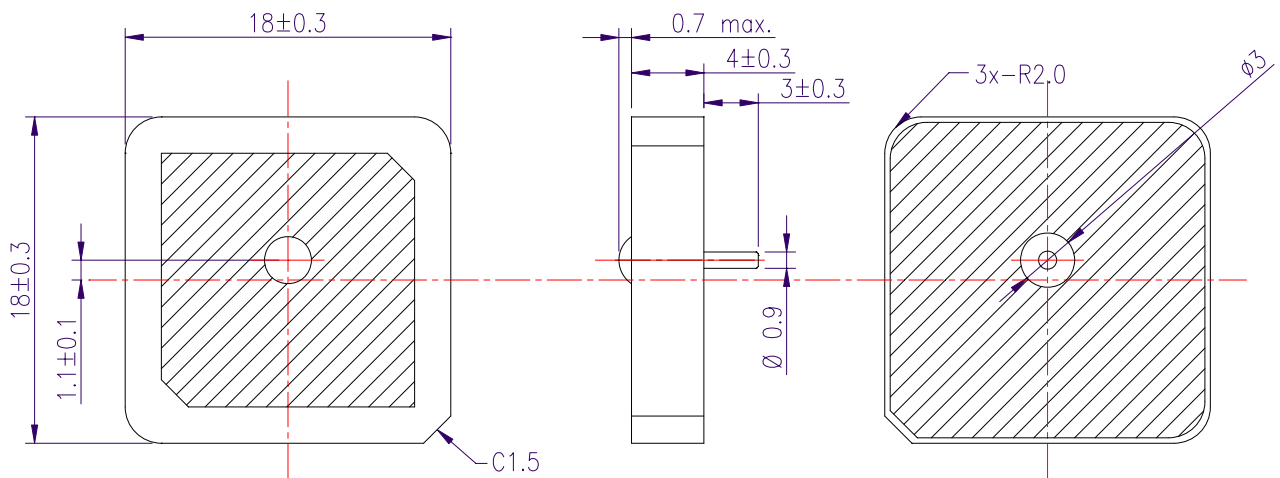
- Item: Dielectric Patch Antenna Element for GPS L1 Band
- Part Number: ANPS1580A4ZTS



■ Electric Specification

ITEM	SPECIFICATION	UNIT	CONDITIONS
Outline Dimension	18x18x4	mm	
Center frequency	1580	MHz	with 50mm <sup>2</sup> GND plane
Gain at Zenith	+3.0	dBic typ.	
Bandwidth	8.0	MHz typ.	@ -10dB Return Loss
Axial Ratio	3.0	dB typ.	@Center frequency
Impedance	50	Ω	
Polarization	RHCP		
TemperatureCoefficient	20	ppm/°C	-40°C to +85°C

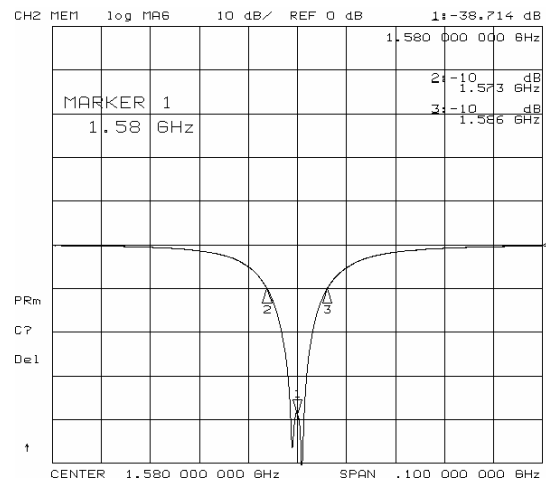
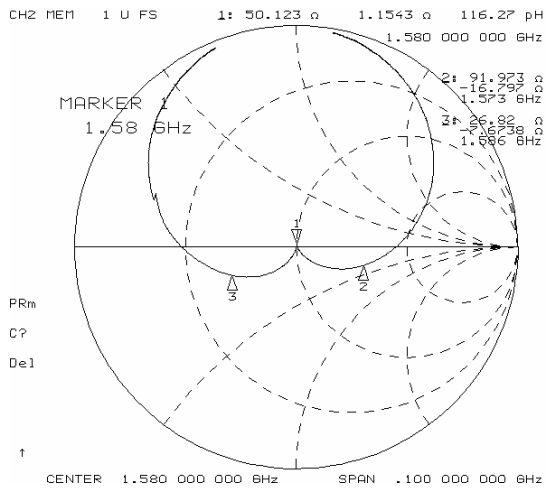
■ Dimension



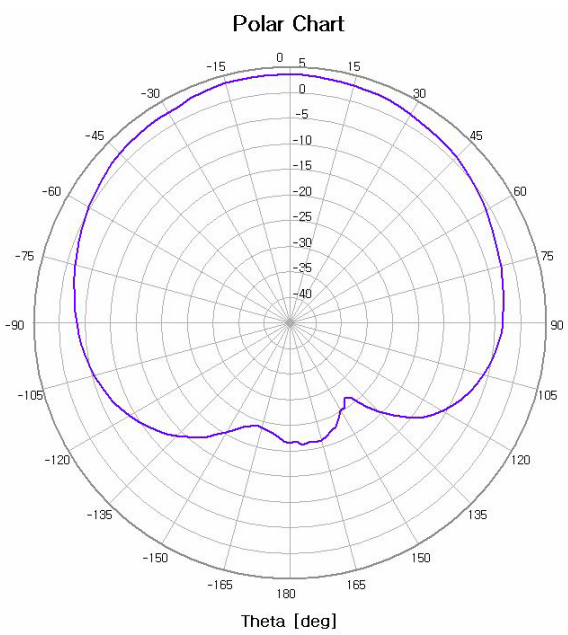
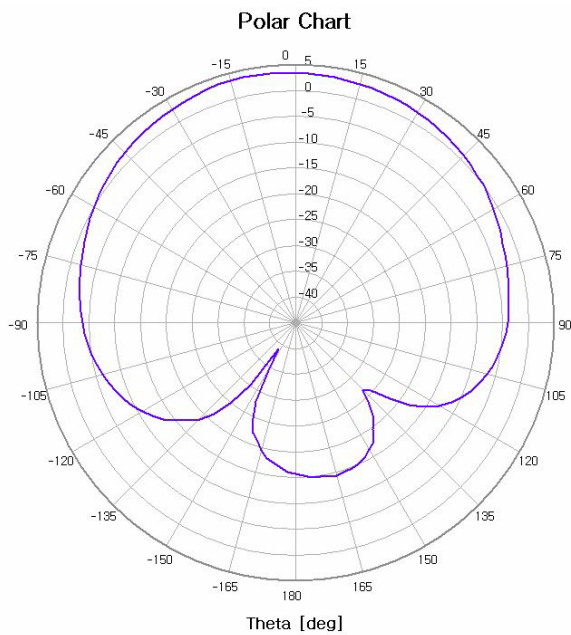
Unit: mm

## ■ Typical Characteristics

### -Smith Chart & V.S.W.R.

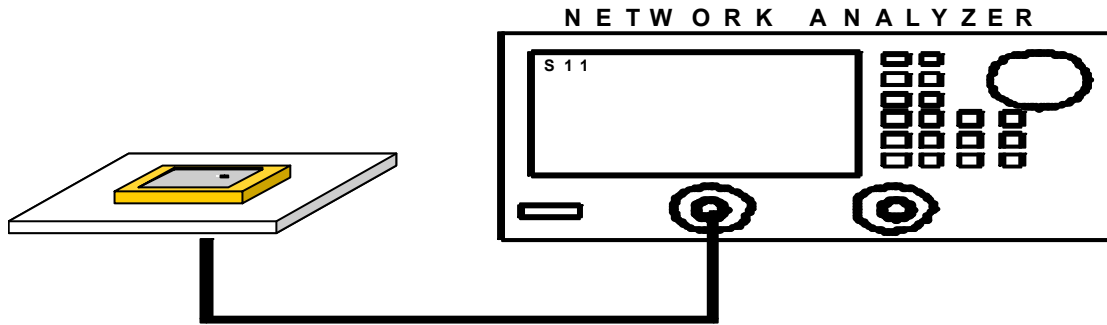


### -Radiation Pattern



■ Measurement condition

S-parameter and V.S.W.R. (Return Loss) measurement



Gain measurement

