

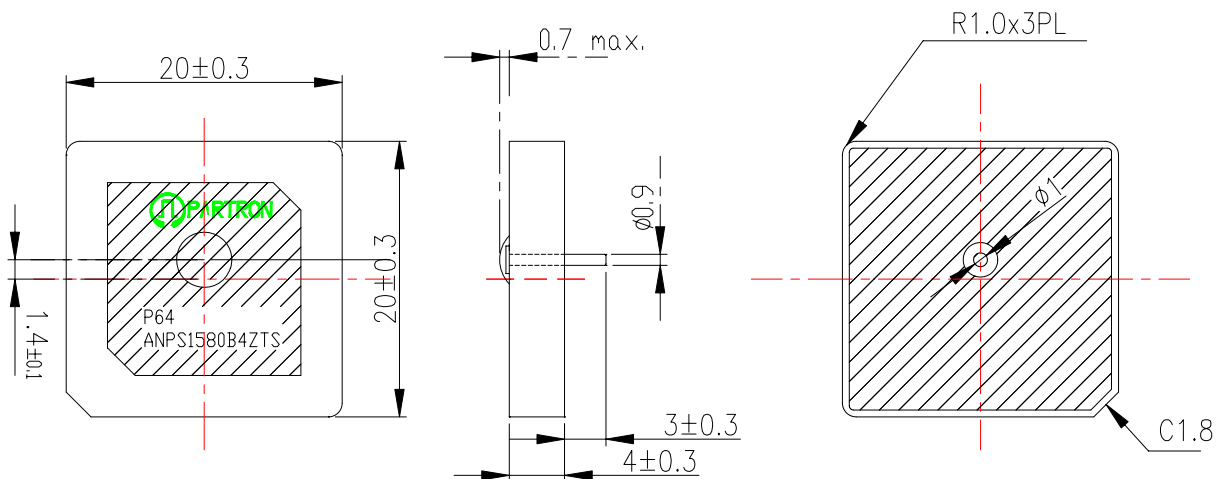
- Item: Dielectric Patch Antenna Element for GPS L1 Band
- Part Number: ANPS1580B4ZTS



### ■ Electric Specification

ITEM	SPECIFICATION	UNIT	CONDITIONS
Outline Dimension	20x20x4	mm	
Center frequency	1580	MHz	@50x50mm Ground Plane
Bandwidth	12	MHz typ.	@ -10dB Return Loss
Gain at Zenith	+3.0	dBic typ.	@50x50mm Ground Plane
Axial Ratio	3.0	dB typ.	@ Center frequency
Impedance	50	$\Omega$	
Polarization	RHCP		
TemperatureCoefficient	20	ppm/°C	-40°C to +85°C

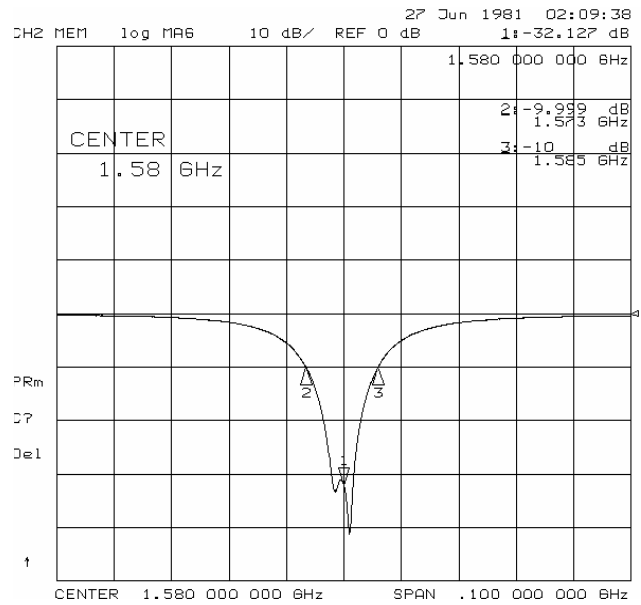
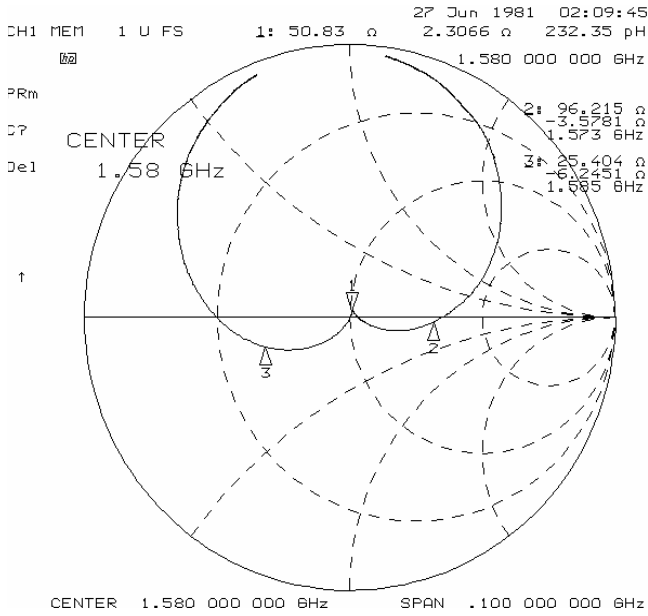
### ■ Dimension



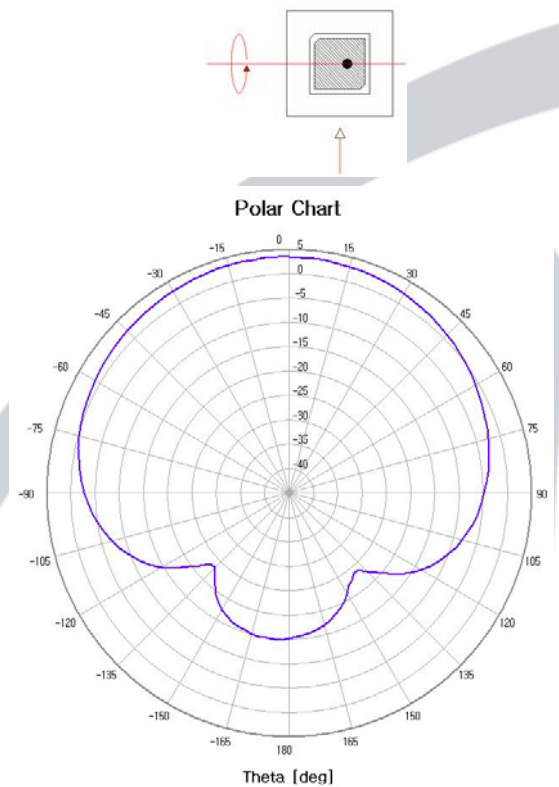
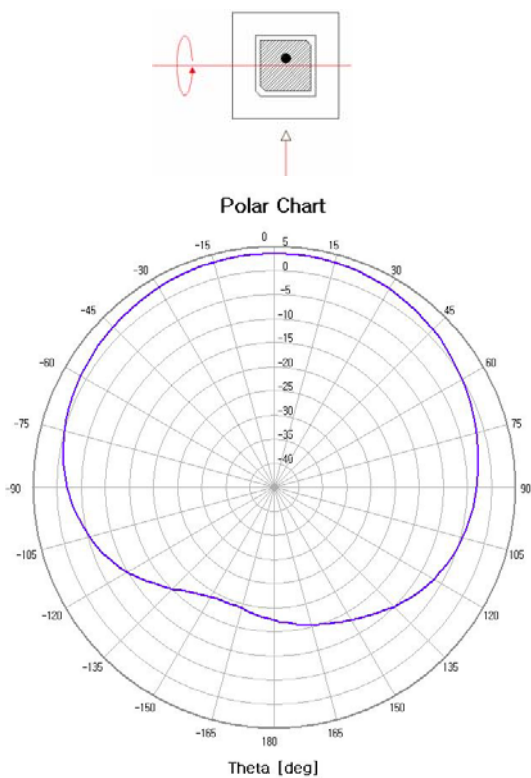
Unit: mm

## ■ Typical Characteristics

### -Smith Chart & Return Loss

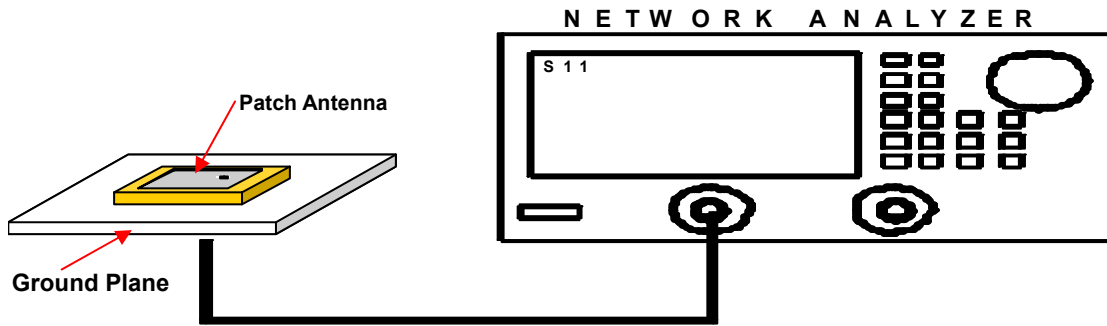


### -Radiation Pattern



### ■ Measurement condition

S-parameter and Return Loss(VSWR) measurement



Gain measurement

