

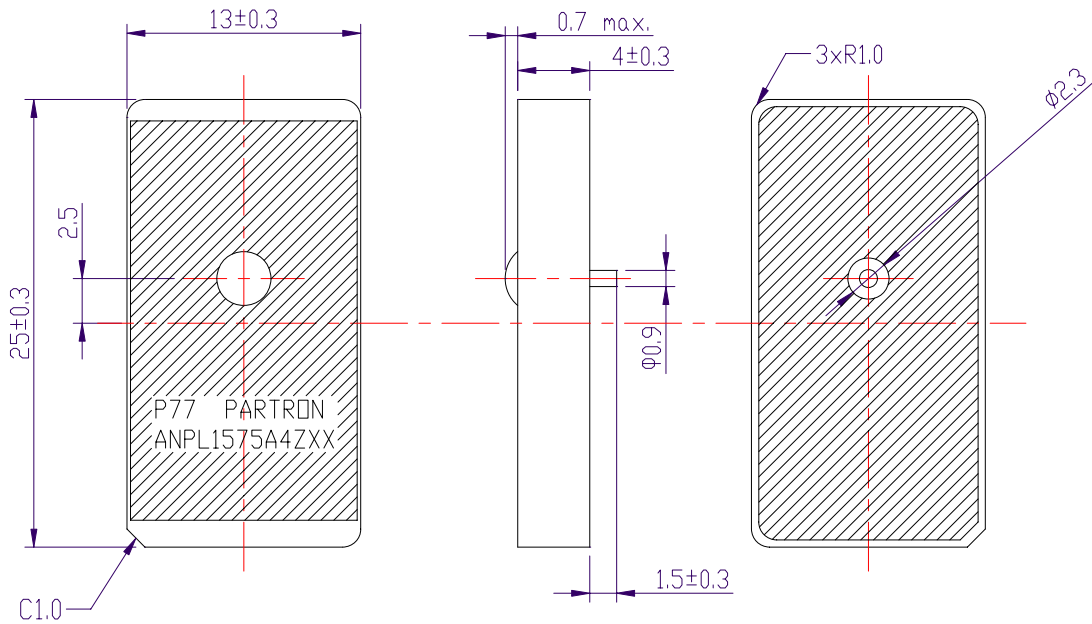
- Item: Dielectric Patch Antenna Element for GPS L1 Band
- Part Number: ANPL1575A4Z XX



■ Electric Specification

ITEM	SPECIFICATION	UNIT	CONDITIONS
Outline Dimension	25x13x4	mm	
Center frequency	1575.42	MHz	@58x19mm Ground Plane
Bandwidth	8.0	MHz typ.	@ V.S.W.R 2.0:1
Gain at Zenith	+3.3	dBi typ.	@58x19mm Ground Plane
Impedance	50	Ω	
Polarization	Linear		
TemperatureCoefficient	20	ppm/°C	-40°C to +85°C

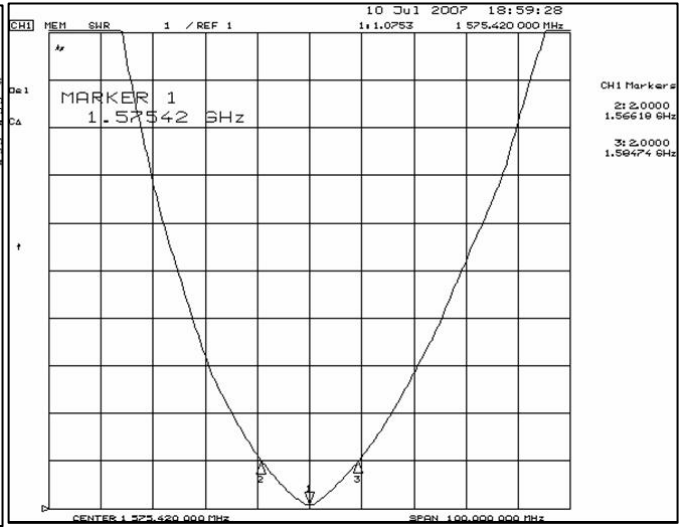
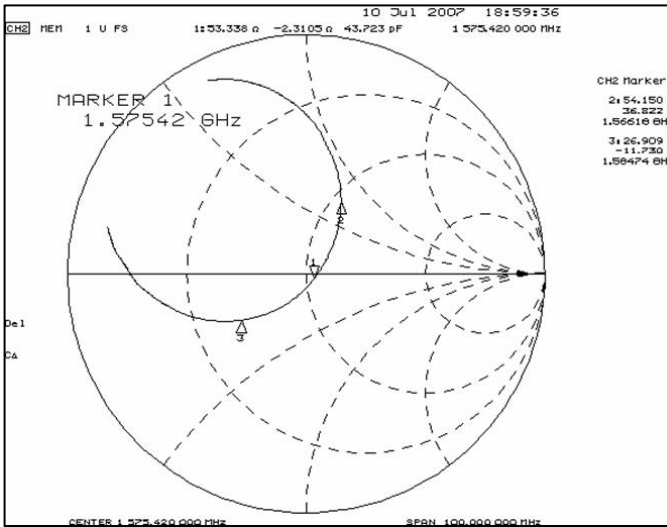
■ Dimension



Unit: mm

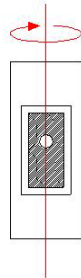
■ Typical Characteristics

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

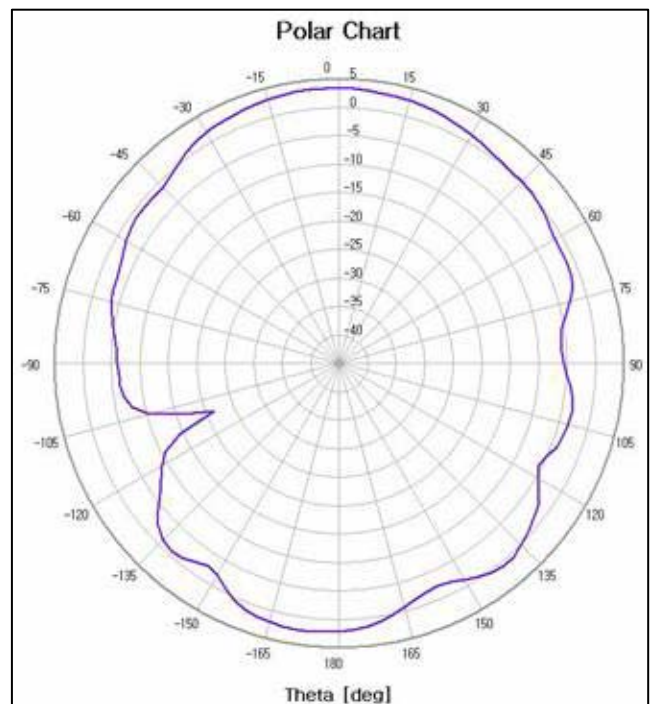
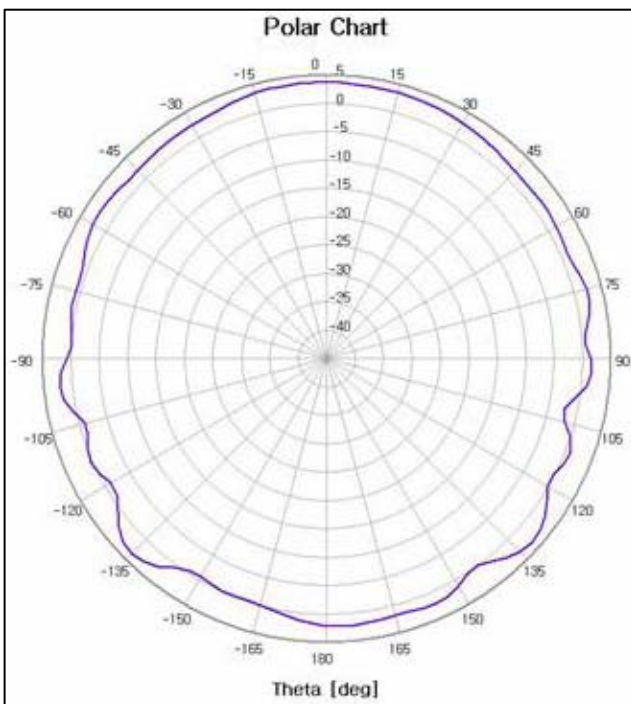
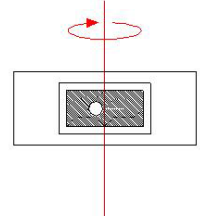


-Radiation Pattern

Source Horn ant: vertical

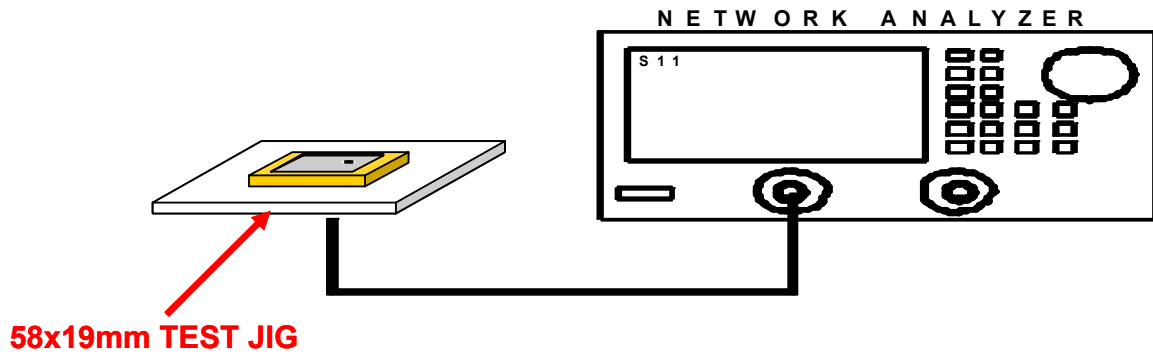


Source Horn ant: horizontal



■ Measurement condition

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



Gain measurement

