

Description of PALS

Instrument		Passive/Active L-band Sensor (PALS)
Owner		Jet Propulsion Laboratory (USA)
Platform		DC-3
Passive	Frequencies	1.413 GHz
	Polarizations	V, H, +45, -45 polarizations
	Spatial Resolution	20 degrees (3 dB beamwidth in Deg.)
Active	Frequencies	1.26 GHz
	Polarizations	VV, HH, VH, HV
	Spatial Resolution	20 degrees
Scan Type		360°
Antenna Type		Microstrip planar antenna with >30 dB polarization isolation
POC/Website		Simon.Yueh@jpl.nasa.gov