

Satellite altitude, h_{sat}	500 km
Satellite velocity, v_{sat}	7600 ms^{-1}
Incidence angle, θ_i	41°
RF output frequency	94.05 GHz
Pulse width	$3.3 \mu\text{s}$
Antenna beamwidth, $\theta_{3 \text{ dB}}$	0.07°
Transmit polarization	H or V
Cross-polarization	$< -25 \text{ dB}$
Single pulse sensitivity	-19 dBZ
$H - V$ pair repetition frequency	4 kHz
Footprint speed	300 km s^{-1}
Number of $H - V$ pairs per 1 km	10
Integration length	
