

Parameter	Specifications
Frequency	9.375 GHz
Transmitter type	Coaxial magnetron
Pre-split peak transmit power	~ 75 kW (half to each channel)
Average power	~ 80 W
Dual-polarisation mode	Simultaneous H & V
Digital receiver and signal processor	GDRX [®] 4
Receiver linearity	90 dB \pm 0.5 dB
Antenna diameter	2.4 m
Half-power antenna beam width	0.98 $^{\circ}$
Antenna gain	44 dB
Minimum discernible signal (2 μ s pulse)	H: -118 dBm, V: -117 dBm
Sensitivity (2 μ s pulse at 100 km)	~ -11 dBZ
Radome	None
Elevation scan range	-1 to 181 $^{\circ}$
Azimuthal scan range	0 to 360 $^{\circ}$
Position accuracy	\pm 0.1 $^{\circ}$