

JANUS

GOES, MTSAT, FY, MSG, COMS

Portable, reliable, and high-performance complete ground station



REMOTE SENSING

PERFORMANCE SPECIFICATIONS

ANTENNA

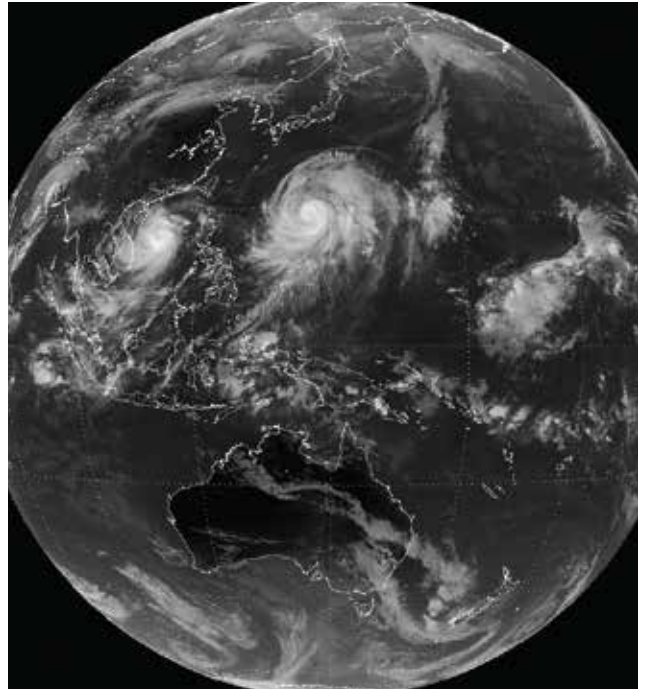
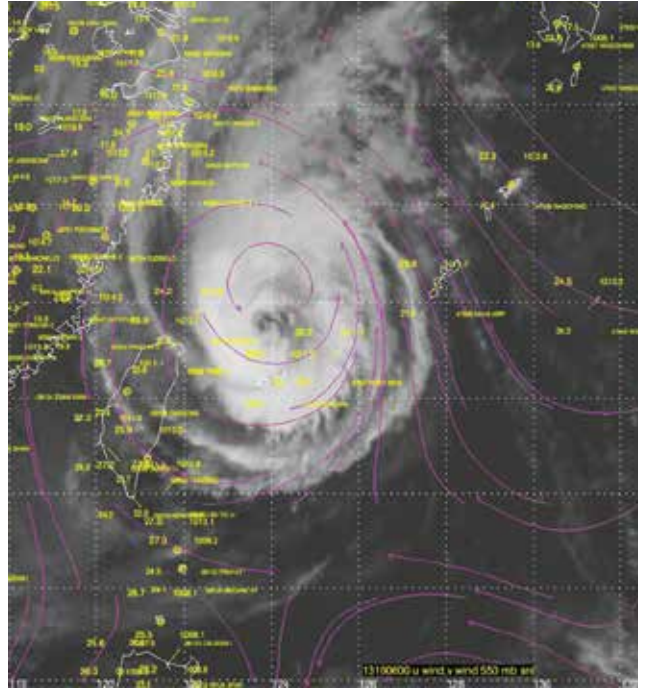
Type	Mesh, six petals
Diameter	2.3m
Alignment	Integrated signal level indicator

RECEIVER

Input Frequency	126 to 154 MHz
Input Dynamic Range	-90 to -50dBm
Input Impedance	50 ohms
Demodulation Modes	BPSK, PSK
Support Symbol Rates	0.1 to 2.7 MSPS
Temperature (Operating)	0 to 50 degrees C non-condensing
Interface	RS-232 9600 baud

FEEDER / LNA / DOWNCONVERTER

Noise Figure	0.8dB typical, 1.2 dB max
Input Center Frequency	1702.500 MHz
Output Center Frequency	137.500 MHz
Conversion Gain	>45dB, 48dB typical
Input Impedance	50 ohms
Temperature (Operating)	0 to 50 degrees C non-condensing



TYPICAL JANUS CONFIGURATION

