

KEY BENEFITS >

GENERAL	
RT Nomenclature	RT-1949x(P)(C)
Frequency Range	30-2000 MHz Narrowband: VHF: 30-225 MHz; UHF: 225-512 MHz Legacy SATCOM: RX: 243-270 MHz; TX: 292-318 MHz MUOS: Uplink: 300-320 MHz; Downlink: 360-380 MHz Wideband: UHF/L-BAND: 225-2000 GHz
Channel Spacing/Bandwidth	Narrowband: 8.33 kHz, 12.5 kHz, 25 kHz SATCOM: 5 kHz, 25 kHz Wideband: 500 kHz, 1.2 MHz, 2.5 MHz, 5 MHz FM deviation: 5 kHz, 6.5 kHz, 8 kHz
Net Presets	99 system presets
Internal GPS	SAASM receiver (commercial GPS optional)
Management Tool	Windows-based Communications Planning Application (CPA); JENM Compatible
Frequency Tuning	Front panel: 100 Hz ASCII remote: 1 Hz Highband: 5 kHz ANW2: 5 kHz
Software Environment	SCA v2.2.2 (JTEL Certified)
Frequency Stability	± 0.5 parts per million

TRANSMITTER	
Power Output	Narrowband: 10 W SATCOM: 20 W Wideband: 20 W peak/5 W average (max)
Harmonic Suppression	Greater than 50 dBc

RECEIVER	
Sensitivity (for 10 db SINAD)	LOS FM: 30-152 MHz; -118 dBm LOS AM: 90-512 MHz; -110 dBm with 70% modulation TACSAT: -120 dBm
Adjacent Channel Rejection	Greater than -40 dB
Squelch	