

TACTICAL LTE APPLICATION

PRIVATE, TACTICAL, LTE NETWORK FOR YOUR AO

TACTICAL LTE allows for operational use of commercial, cellular, comms protocols by providing a tactical-edge, self-contained, private, LTE Network with an integrated eNodeB and EPC. Load TAC LTE into either a VIPER with Mid-Power PA, VENOM or VENDETTA SDR along with AT's entire suite of state-of-the-art EW, SIGINT and comms technologies. Rapidly switch between apps as your missions dictate. Operate in air, land and sea domains with a small-SWaP, scalable 4G LTE system with resilient, multi-band frequency support and a clear migration path to 5G.

FEATURES

Bandwidth: 1.4, 3, 5, 10 MHz LTE-FDD

Aggregate Data Rate: (total for all users) 27 Mbps

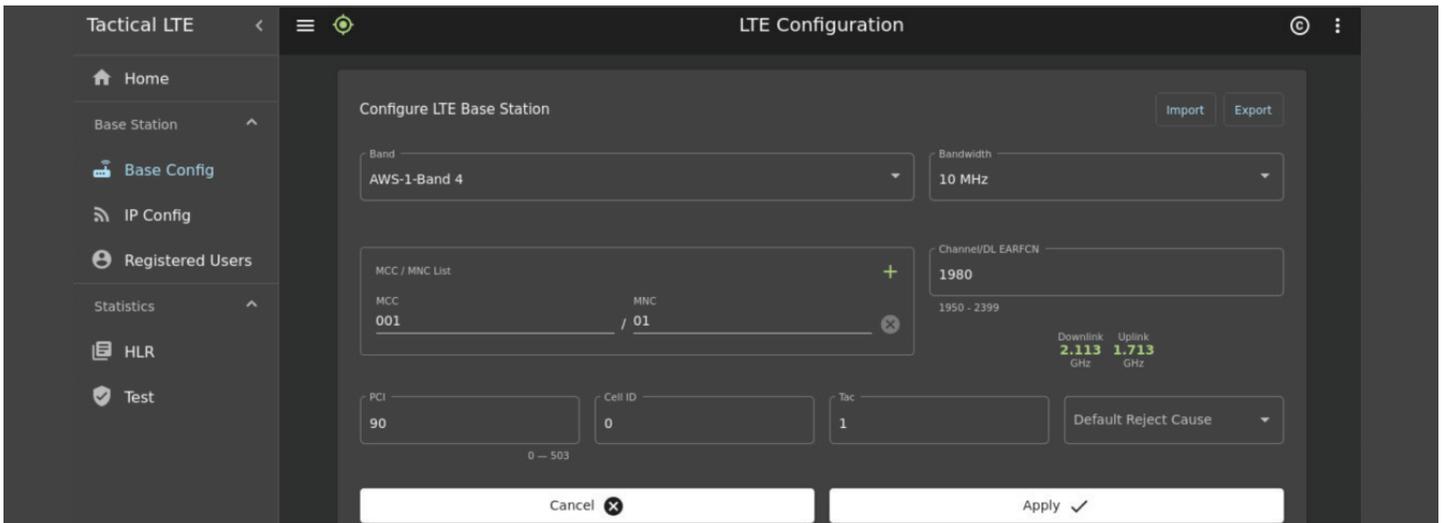
Peak Data Rate: 7 Mbps UL / DL per subscriber

Subscriber Capacity: 200+ Devices

Training Validation Option: Logging, messaging, and management interface

VIPER & MID POWER PA: Frequency Bands 1-5, 8, 12, 13, & 20

VENDETTA & VENOM: Frequency Bands 1-5, 8, 10, 12, 13, 17 & 20



COMPATIBLE SDRs AND EXPANSION MODULES



VIPER is a small-SWaP, one-pound SDR that can simultaneously house multiple SIGINT and EW apps, enabling operators to rapidly shift from app to app as their missions dictate.



VENOM is a versatile, small-SWaP SDR with a built-in PA, receiver circuitry, and an FE. It is manpackable, compatible with tactical vests and can process myriad radio technologies and frequencies.



VENDETTA is a highly ruggedized SDR with an integrated PA, receiver circuitry, and a Front End (FE). It is IP-67, rapidly deployable, and can process myriad radio technologies and frequencies.



Mid-Power PA is a compact expansion module for VIPER that provides 40W Peak / 5W average output power, performing cellular missions spanning from 730 MHz - 2200 MHz.

For more information, please contact: ATInfo@motorolasolutions.com