



TRIATA : Anti Jamming Wireless Triple Play



TRIATA provides a "triple play" communications system where video, voice and data can be transmitted over the same wireless link connection. The wireless link connection is deployed by using a novel technique called Pseudo-random Polarization Hopping (PPH) to provide an extremely secure anti jamming broadband wireless to overcome the threats of eavesdropping and jamming.

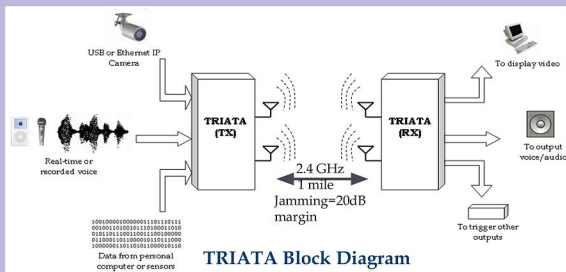
- Anti jamming using polarization nulling
- Anti eavesdropping using polarization hopping
- Extreme security
- Video, voice and data wireless link

TRIATA Features

- Data rate : 5 Mbps or more.
- Jamming margin : 20dB using adaptive polarization nulling.
- Hopping rate : 1 million hops/sec
- Frequency : 2.4 GHz, customizable to any frequency.
- Range: 1 mile, customizable to any range.
- Architecture : 2 in 2 out MIMO, SDR implementation.

TRIATA Applications

- Anti jamming and anti eavesdropping wireless link to provide end-to-end solution for video, voice and data communication.
- A high data rate WLAN solution for an invulnerable wireless local area network.
- Extremely secure and high data rate network for mobile commerce applications.
- UAV data links.
- A point to point secure Broadband wireless link for corporate, defense, police and other security critical market.



TRIATA Block Diagram

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