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JTS Wireless□□□

Experimental Usage of the 5.4 band□□A. Experimentation Proposed:□□ Proposed Experimentation□□ JTS will deploy a Motorola PTP54600 5.4 radio link in a Metroplex area using the 5.4 GHz band to avoid interference from existing 5.8 GHz radio units in the same area. The Motorola radio has Dynamic Frequency Search capacity which will be enabled on the radio to operate in the 5.4 Band.□□□ Theory of Operation□□ The system will consist of two Motorola PTP 600 Units one will operate at the 5.8GHz band and the other will operate at the 5.4 GHz band at the time both systems are operational JTS will try to aggregate the throughput of both radios to operate as one Virtual Data Tunnel. □□B. Objectives of Project:□□ Aggregation of data □□ To be able to combine the capacities of two radio units to work as one unit using routing and failover techniques.□□ RF Integration □□ To use available Radio Frequency Space more efficiently without interfering with other radio systems.□□C. Contributions to radio Art:□□ The integration of various radio frequency systems will enable more options to designing and deploying radio systems.