

Operational Description

This product, WiViEW, is an audio/video transmission system operating 5.2 GHz bands with OFDM technique.

The system consists of INPUT (Model WMT-1000I, server/master mode) and OUTPUT (Model WMT-1000O, client/slave mode). The INPUT transmits A/V signals fed from Satellite or cable TV receiver, VCR, DVD Player, Game console, etc. to the OUTPUT to which an analog TV or HDTV ready TV set is connected.

The transfer rate could be 6/9/12/18/24/36/48/54 Mbps. The transmitter has a unique antenna connector, Reverse-Polarity SMA type. Under normal use condition, the user has to keep at least 20 cm separation distance between radiator and the body of the user.

For more detailed instruction, please refer to the user's manual.

FCC 15.407(c) states: the device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Data transmission is always initiated by software, which is then pass down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packet (ACKs, CTS, PSpoll, etc.) are initiated by the MAC. There are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore the transmitter will be on only while one of the aforementioned packets are being transmitted.