



FCC Certification Application – Fixed TVBD WhiteSpace Radio

FCC ID - OKVMT300

Code of Federal Regulations, Title 47, Part 15, Subpart H

Applicant: Meld Technology, Inc.

DEVICE ID SIGNAL

High Level Description

The MT300 is a Fixed TV bands device using a VSB modulator that is designed to provide low-power transmission of a DTV compatible signal over a limited area. The MT300 is a transmit only device and the transmitted signal is compliant with the tuner input of a Digital TV receiver. It is designed to work with the tuner input of any Digital TV sold in North America.

The ID signal is transmitted as an ATSC compliant signal that can be received by any Digital TV receiver. The FCC ID, location and manufacturer information is provided in an MPEG2 file format via the Ethernet port that is streamed to the MT300. The text will be displayed on the DTV screen of all DTV receivers tuned to the same channel as the MT300 transmitted signal. The operator will be instructed to stream the identification information for transmission no less than once a day. Detailed instructions can be found in the MT300 Operator Manual.

