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## DTV640-200 Transmitter FCC Certification Application

### Modulation Description

In this use of the DTV640/200 transmitter for DVH-H service, the modulation is QPSK, 16-QAM and 64-QAM of a COFDM signal. Framing structure, channel coding and modulation are described in ETSI document EN 300744, Digital Video Broadcasting (DVB) - Framing structure, channel coding and modulation for digital terrestrial television.

EN 300744 defines two modes of operation "2K mode" and "8K mode", and exclusively for use in DVB-H system, the "4K mode" is defined.