

FCC modular transmitter approval TC690

The TC690 module consists of reference oscillator, PLL, FM receiver, transmitter, amplifier, digital modulator and microcontroller.

1. It has its own RF shielding. Any additional shielding is not necessary to comply with Part 15 limits.
2. It has a digital data input. Over-modulation is not possible.
3. It has its own power supply regulation. In addition, it has a undervoltage detection which ensures operation only with correct power source.
4. The module has been tested with two different antennas. It has a unique antenna coupler.
5. The module has been tested in a stand-alone configuration.
6. The module will be labelled with its own FCC ID number.
7. The module complies with the requirements of chapter 7. This is assured because we use the modules only in our own applications.
8. The module complies with any applicable RF exposure requirements.

Uwe Schulze
HBC-radiomatic GmbH
Entwicklung Systemtechnik

5. März 2004