

FCC ID: DT91200962
Model: 1200962 (Transmitter portion)
Technical Description of Transmitter

The transmitter operates at 88.1MHz to 107.9MHz. The transmitter is used to transmit the music stored in the audio device and can be receiving the audio music by the radio.

The circuit of the transmitter comprises of,

1. An Encoding circuit
Consisting: S1, S2, S3, S4, IC2 (HT68F40)
2. A RF Oscillator (26MHz)
Consisting: X1
3. A Filter Network
Consisting: C7, C9, C10, L2, L3
4. A RF Modulator and Amplifier
Consisting: IC1 QN8007B
5. A Power Supply
Consisting: 12VDC
6. Regulator
Consisting: U101 (7BL05), U100 (7BL05), U1 CE6219P33M
7. Display
Consisting : LCD1

Antenna Gain: 0dBi

Nominal rated field strength: 47.0dB μ V/m at 3m

Maximum allowed field strength of production tolerance: +/- 3dB

The transmitter uses a internal and integral antenna.