

Description of FM Transmitter

EXHIBIT # : 4-2
FCC ID : ACJ927140TX
OUR REF. : MKES00-F016
MODEL NO. : PV-C921

Performance Explanation of FM Transmitter

Each signal of Tuner, Line-In and Playback passes through the limiting circuit. Audio signal is FM-modulated by the Oscillation Process circuit, then passes through the BPF and radiate through the antenna.

Band width is limited by the limiting circuit for the Base Band Audio.

Spurious is attenuated by the BPF circuit.

Frequency of carrier is determined by L, C, and D in oscillator circuit. Consequently the frequency stability is determined by L, C, and D which is ± 250 kHz.

Antenna is permanently constructed by the Rod on the Transmitter PCB.

