FCC ID: P25HEMC8256A2501C

Operation Description:

The equipment under test (EUT) is a transmitter for Remote Control For Playstation 2 operating at 924.800 MHz which is controlled by a crystal. The EUT is powered by the Playstation 2. The Power to Sakura Controller unit is obtained from a 3.6V/600mAh Nicad Battery. The Controller has the user interface. ie., Key pad and 2 Joysticks. The key presses and Joystick movement are detected by the MCU. U101. These signals are converted to appropriate data packets and is sent to RFIC, U1. U1 will modulate these data on an RF carrier and will radiate through the antenna. The receiving signals from the Base is sent to MCU, U101 after demodulated by U1. These signals are interpreted by U1 and appropriate action (such as turning on or off the motors) will be taken.

Circuit Description:

The brief circuit description is listed as follows:
- U202 and associated circuit act as EEPROM.
- U101 and associated circuit act as MCU.
- U1, X1 and associated circuit act as RF IC and Local Oscillator.
- U2 and associated circuit act as RF Duplexer.

Antenna Used:

A permanent internal wire antenna has been used.