## Antenna Conducted Measurement [ 15.247(c) ]

## MEASUREMENT PROCEDURE:

1. The EUT output was directly connected to the spectrum analyzer capable of measuring the $10^{\text {th }}$ harmonic of the highest frequency used, 24750 MHz .
2. The spectrum analyzer bandwidth settings are 100 KHz RBW, 300 KHz VBW.
3. The peak of the fundamental is determined.
4. A display line is set on the spectrum analyzer 20 dB below the fundamental level.
5. The remainder of the spectrum, through 25 GHz , is observed for any emissions that are greater than the 20 dBc display line.

Using 100 KHz resolution bandwidth, the spurious emissions outside the $2400-2483.5 \mathrm{MHz}$ band that is produced by the intentional radiator are greater than 20 dB below the level of the fundamental frequency.

The charts on the following pages show the spectrum pattern of the EUT emissions.
At the fundamental frequency of 2401 MHz the highest level of the out of band spurious emission is 27.80 dB below the level of the fundamental.

At the fundamental frequency of 2438 MHz the highest level of the out of band spurious emission is 27.03 dB below the level of the fundamental.

At the fundamental frequency of 2475 MHz the highest level of the out of band spurious emission is 28.23 dB below the level of the fundamental.

Model LCK-EI. Transmitting at low channel - 2401MHz




Model LCK-EI. Transmitting at mid channel - 2438MHz




Model LCK-EI. Transmitting at high channel - 2475 MHz




