

# FCC ID: STI-IFI

1) Please describe where the receiver for the intended transmission is located to help understand the purpose of the system.

**Response:**

The description of the product and its operation is included in the text of the report and in the user's manual provided with the filing. Also see the enclosed picture showing the actual location of the receiver to the transmitter.

2) Please provide complete spectrum analyzer settings for all measurements.

**Response:**

All measurements are done with an EMI receiver (shown on page 31) to ANSI C63 and CISPR 16 specifications. Bandwidth settings are provided in the text of the report and cannot be added to the graphs provided.

**Note:** All equipment used at D.L.S. is listed in the equipment Table.

3) Appendix A section titled "Radiated data and graphs taken for field strength of spurious emission measurements" does not mention measurements below 1 GHz. Please clarify and resubmit report as necessary. Also, in the table for this data the limit of 54 dBuV/m is used for both peak and average readings. Under 15.249 the limit for peak is 20 dB over average. Please correct.

**Response:**

The data taken for emissions from 30 MHz to 1 GHz was provided in the test report under the fundamental emission measurements on pages 44 - 49. All spurious signals are greater than 20 dB below, so data was not recorded.

It is not possible for us to have 2 limit lines on the graphs. The Rohde & Schwarz software does not allow us to display two limit lines at the same time. However, the data for both peak and average is provide in tabular form. The tabulated data shows both peak and average readings and that there is less than 20dB difference between average and peak.

Transmitter and Receiver

