

From: Anatoly Getman

To: Leann Nguyen

Date: September 16, 2007

Subject: FCC File# 0432-EX-ST-2007

Message:

Dear sir we perform RF immunity testing of electrical equipment to EMC standards requirements. Usually we perform testing in our anechoic chamber but in the case when equipment can not be placed in the chamber because of dimensions or required specific services supplied by the manufacturer we are not able to perform the testing in the chamber and testing is performed at a site of manufacturer. Previously radiated immunity testing was specified in the range of frequencies 80 MHz to 1 GHz. Now according to the new requirements of the standard EN 61326:2006 there are added new frequency test ranges:

1.4 to 2.0 GHz with test field at Equipment Under Test (EUT) 3.0 V/m and
2.0 to 2.7 GHz with test field 1.0 V/m

Our antenna position is approximately from 1 to 3 meter distance from the EUT. We perform testing not on live supported equipment and we can omit the frequencies that can be harmful for normal operation of AFTRCC.

In the bands tested, we dwell at discrete frequencies. Frequencies are stepped at a 1% increment. The signal is on for 3 seconds maximum, then we move to the next frequency.

Please provide us with authorized frequency ranges that can be used in the bands 1.4 - 2.0 GHz and 2.0 ? 2.7 GHz.