

Society of Broadcast Engineers

Miami Frequency Coordination Committee

In reference to: Embraer Prior Coordination Notification

Date: March 19, 2009

If you receive a Prior Coordination Notification (PCN) from Embraer, you will notice that it is worded in a way that would affect a number of our broadcast stations. In reality, we do not expect this testing to have an impact on broadcasters in any meaningful way.

We have had a chance to review the procedures used, in the testing involved, and feel the impact on broadcast operations will be minimal, if at all.

Their testing will take place at the Fort Lauderdale International Airport during the next couple of weeks. It consists of very fast un-modulated RF sweeps of various frequency ranges at extremely low powers with very directional antennas. For example, a sweep for frequencies from 500 khz to 25 Mhz will only take 30 msec. Sweeps for the frequency ranges from 100 Mhz to 1200Mhz will take 100msec, and the same follows for the 1-3 Ghz, 3-8 Ghz, 8-15 Ghz, and 15-18 Ghz bands. The duty cycle will be significantly less than 1%.

The FCC Experimental Permit is WD9XSW, which has effective dates from March 23, 2009 to April 24, 2009. Testing is expected to be completed by April 4th.

If you have any questions, please give me a call.

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