



August 20, 2002

REF: Your questions regarding the application for Savi Technology dated August 20,2001  
FCC ID: KL7-600SP-V4

Dear Tim,

The responses to your (5) questions are detailed in *italics* below:

1) It is not clear where the FCC label will go on the device. Please explain or provide a labeled drawing/photograph, etc.

*The FCC label is the label identified as 34 on the label location diagram. It goes on the right side of the enclosure. If required we can clarify by "zooming" in on the drawing provided to reduce any confusion. Please advise if you would like us to do this.*

2) The data given on page 8 of 9 appears to be the worse case data for the scan, however, none of this data appears on the previous page. Please explain.

*The test data on page 8 of 9 in three sections.*

*The table at the top of the page summarizes the measurements made at test distances of 3m, 10m and 20m as detailed on page 7 of 9.*

*The next section calculates the extrapolation factor to be used to determine the field strength at 300m from the measurements at 3m, 10m and 20m detailed in the summary table at the top of the page. It also lists the highest peak and average field strength values at 20m and the extrapolated peak and average values for a test distance of 300m.*

3) The test report does not present any data for the > 30 MHz for the digital device portion of the test. Please confirm if this testing has been completed (15.109).

*The SP-600-211 has been evaluated against the FCC's requirements for a Class A digital device and found to comply with those requirements.*

4) Please comment on the various power configurations and if they have been evaluated for > 30 MHz digital device emissions.

*The 120V/60Hz power configuration produces higher noise than the dc-powered configuration. Final testing was performed on the AC-powered configuration.*



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5) It appears that the EUT was only positioned in 2 axis (1 horizontal, 1 vertical). Please comment on if the unit is ever expected to be installed in additional vertical axis that did not appear to be tested.

*The system is intended to be used in the two axes tested. The main orientation is with the loop hanging from a ceiling with loop horizontal (plane of the loop parallel to the floor).*

If you have further questions, please do not hesitate to contact me via [doc@elliottlabs.com](mailto:doc@elliottlabs.com).

Regards

A handwritten signature in blue ink that reads 'Mark Briggs' in a cursive script.

Mark Briggs  
Director of Engineering