

RE: Savi Technology, FCC ID: KL7-612T-V1

The following addresses each of the issues raised in the comments letter from ATCB dated on December 17th, 2001.

1) The test report states that the EUT was placed into beacon mode during the test (which according to the theory of operation transmits 3.75 mS every 10 seconds) and the final worse-case results show that the EUT was extremely close to the 15.231(e) limits. With respect to this issue, please comment on:

a) Was the actual transmit cycle used during testing the same as specified by the theory of operations for beacon mode? For example, was the actual beacon mode used (actually > 10 seconds between burst), or was the transmit time interval between transmission reduced for testing purposes?

The EUT was transmitting continuously during testing.

b) If the EUT was tested with an extremely low duty cycle please explain any special measurement precautions taken to ensure that the measurement was adequately maximized? Please include information on whether the EUT was maximized under automation or by manual control.

The continuous transmission allowed the signals to be maximized without having to take any special precautions. All measurements were made by manual control of turntable and antenna mast.

c) Is Savi Technology comfortable with this margin?

Savi are comfortable with the margin of the fundamental signal. The unit tested will be used as a "calibration" unit to configure the ATE used in the manufacturing process. Audits on previous, similar devices have shown that the output levels are very repeatable between devices.

2) Please confirm if there is any expected power difference between the beacon mode and the signpost mode, or is this only a difference in encoding information and the transmit pattern used?

The output powers for both Beacon and SignPost modes are identical. The only difference is in the information transmitted.

If you have any further questions or need clarification on any of the points raised above, please contact me via doc@elliottlabs.com.

Regards,



Mark Briggs
Director of Engineering
Elliott Labs
doc@elliottlabs.com
mbriggs@elliottlabs.com