



Review of TCB PAG Submissions

Laboratory Division

Office of Engineering and Technology

Len Knight



Overview

- Currently, there are many categories on the PAG list.
- Thus, the FCC has an extensive amount of applications to process.
- The quicker an application can be reviewed and approved, the better it is for stakeholders involved.
- Thus, having an application with minimal (or no) mistakes or shortcomings is the goal.
- Let's strive to keep RTs down to a minimum.



Common Report Oversights

Objective: to have an application with minimal (or no) mistakes or shortcomings.

- 26 dB and 99% OBW measurements not being performed correctly.
- Incorrect RBW used for In-Band Emissions Mask for 6 GHz devices.
- Directional Gain for MIMO systems not always consistently defined/described.
- Radiated Emissions not being performed in the X, Y, and Z axis.
- Radiated Emissions still lacking sample equation.
- Not enough sample plots to vet out all the different operational bandwidths.



Miscellaneous Report Concerns

- Reports written from boilerplate templates where there are tests referenced which are not pertinent to the application.
- Too much superfluous configuration information. It is not necessary to describe radios and antennas which have nothing to do with the application at hand.
- Test methods inadequately described. It is not enough to say, “tested to ANSI C63.10”.
- Plots with too low of a resolution to read.



Miscellaneous Application Concerns

- Integration manuals for modules inadequate.
- Incorrect Equipment Class on Form 731.
- NUMSIM not being flagged as a PAG item.
- Class II Permissive Change letters are incomplete.



Things to Help Expedite Application Process

- Expedite uploading exhibits after opening PAG.
- It is important for the TCB to review the application before filing.
- TCBs are responsible for assisting and resolving these concerns prior to filing the application to the FCC.



Questions?

Thank You!