6 GHz Standard Power Devices

Laboratory Division
Office of Engineering and Technology
Dusmantha Tennakoon

Note: The views expressed in this presentation are those of the authors and may not necessarily represent the views of the Federal Communications Commission.
KDB publication 987594

- D01 – General administrative info
- D02 – EMC requirements
- D03 – Q&A
- D04 – PAG requirements
- D05 – AFC testing guidance

Standard Power AP (6SD)
Fixed Client (6FC)
Standard Client (6FX)
Std. Power AP & Fixed Client

- Std. Pwr AP
  - Or
  - Fixed Client AFC Testing Report
  - LAB A

- Std. Pwr AP
  - Or
  - Fixed Client EMC Testing Report (s)
  - LAB B

TCB

- Geolocation Justification Report w/PIA
- Geolocation General Description
- Geolocation Accuracy after a Power Cycle (if Applicable)
AFC Testing

AFC Testing performed by using WiFi Alliance DUT Test Harness

Preliminary version available now. Final version available later this summer.
Emissions at elevation angles higher than 30 degrees from Horizon

- Test data and installation requirements must be in filing to show EIRP levels will not exceed 21 dBm. See KDB 987594.
Clients (other than “Fixed”)

Must operate at least 6 dB below the associated APs power.

Test results should be in test report – attestation not sufficient.
Questions?

THANK YOU