General Equipment Authorization Topics

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Recent Publications

- 558074 D01 DTS Measurement Guidance
- 394321 D01 Grantee Responsibilities
- 996369 D03 OEM Manual
- 996369 D04 Module Integration Guide
- 842590 D01 Upper Microwave Flexible Use Service
- 653005 D01 76-81 GHz Radars
- 974614 D01 Accredited Test Lab Roles and Responsibilities
- 668797 D01 TCB Accreditation Checklist
- 641163 D01 TCB Program Roles and Responsibilities
- 935210 D02 Signal Booster Certification
- 935210 D05 Industrial Booster Measurement

TCB and Test Firm Roles and TCB Checklist KDBs

- 4/2/2019-Updated Rule Parts associated with scopes for General Mobile Radio Services and Microwave and Millimeter Wave Band Radio Services to clarify operations in Parts 90, 95 and 97 above and below 3 GHz
  - 974614 D01- Accredited Test Lab Roles and Responsibilities
  - 668797 D01- TCB Accreditation Checklist
  - 641163 D01- TCB Program Roles and Responsibilities

KDB Publication 388624 D01 PAG Procedures

- New PAG Reuse Procedure
  - Allowed only for specified items on the PAG list
    - HAC, SDR, DFS, and certain RF exposure items
  - Based upon a prior approved PAG; so long as the same conditions continue to apply
  - TCB submits notification through inquiry system however there is no FCC PAG review of the application
  - FCC will continue to audit/sample request or set aside / dismiss within the 30 day window if necessary

KDB Publication 388624 D01 PAG Procedures

0. Initial approved PAG

1. TCB submits a KDB inquiry with Category – PAG Reuse Notification; includes:
   - reference# of previously approved PAG KDB inquiries
   - operational description of the PAG item
   - approved test procedure

2. TCB may grant approval without further FCC PAG review
   - may use this KDB inquiry for future approvals
   - applies to permissive changes and original authorizations
   - only applicable to the same grantee for the same PAG item

KDB Publication 388624 D01 PAG Procedures

3. KDB inquiry number must be listed on each Form 731

    - TCB re-opens the KDB inquiry each time it is used
    - update the inquiry with the FCCID and application number

4. Applications with multiple PAG items,

    - those items not allowed under this procedure require approval through the normal PAG procedures
    - applications with multiple items approved under this procedure will list only one KDB inquiry in the filing
    - in all cases, the KDB inquiry should be updated when used to approve an application

New procedure will be effective May 1, 2019

DFS Guidelines for PAG Re-use

- DFS radar detection mechanism must be the same
- Modes of operation must be the same
- Test procedure used must be the same
- At time of grant, if requested, a sample must be available and delivered to FCC Lab within 2 weeks
- Change to detection algorithm, modes of operation, or test procedure require PAG through normal procedures.

HAC Guidelines for PAG Re-use

- OTT T-coil HAC testing
- Provide a dedicated section in the test report describing the equipment and software used for establishing a test call to measure the ABM 1 and ABM2 data. It shall include:
  - A description of the applicable supplementary equipment and/or call box used for establishing an audio connection to the handset under test. A block diagram may be appropriate to reduce excess wording.
  - Explain that the ancillary equipment(or call box) includes the ability to provide the RMS value for the reference level that is applied to the supplementary or call box codec (in dB below full scale) and convert to dBm0. (i.e. 3.14 dB) in accordance with C63.19 reference.
- The test reports using re-use PAG procedure must still document the codecs and bit rates investigated and the reference level used.

SDR Guidelines for PAG Re-use

- If the Security description is as defined in section II of SOFTWARE DEFINED RADIO SECURITY DESCRIPTION GUIDE in KDB Publication 442812 D01 SDR Apps Guide has not changed then it qualifies for PAG re-use.

- All exhibits including the section II Security description still must be filled with application using PAG Re-use procedure.