

Federal Communications Commission
Office of Engineering and Technology
Laboratory Division Public Draft Review

4/23/2012

Draft Laboratory Division Publications Report

Title: TCB Exclusion List

Short Title: TCB Exclusion List

Reason: Revision

Publication: 628591

Keyword/Subject: TCB Exclusion Lists

First Category: Telecommunications Certification Bodies (TCBs)

Second Category: Equipment Exclusions

Third Category:

Question: What equipment cannot be certified by a Telecommunications Certification Body?

Answer: The attached document [628591 D01 TCB Exclusion List v13](#) identifies equipment that is excluded from being certified by a TCB.

Attachment List:

[628591 D01 TCB Exclusion List v13](#)

Attachment 628591 D01 TCB Exclusion List v13

TCB Exclusion List

In establishing the requirements for Telecommunications Certification Bodies (TCBs), the Commission stated that while it intended to allow TCBs to certify a broad range of equipment, certain functions should continue to be performed by the Commission. In accordance with the requirements in Part 2, a TCB shall not grant waivers of Commission rules, certify equipment where FCC rules do not apply, or act on rules that are unclear; shall not authorize a transfer of grantee control; and may not interpret the FCC rules.¹ Equipment subject only to Verification (Section 2.902) or Declaration of Conformity (Section 2.906) procedures of Part 2 Subpart J, or not subject to FCC equipment authorization, shall not be approved using the Certification (Section 2.907) procedure.² In cases where the FCC has not provided specific guidance or the applicant intends to use alternative to published procedures or guidelines to demonstrate compliance, such applications must be submitted directly to the FCC for certification.³

The following items are currently identified as being excluded from certification by a TCB. Applications for equipment certification, including a change in identifier filing under Section 2.933, that are excluded from TCB processing shall be submitted directly to the FCC for certification.

- 1) TCBs are excluded from issuing grants of certification for the following equipment types:
 - a) Unlicensed National Information Infrastructure (UNII) devices with Dynamic Frequency Selection (DFS) capability (Part 15 Subpart E), including client devices operating in the DFS bands that have radar detection capability;⁴
 - b) Ultra-wideband (UWB) devices (Part 15 Subpart F), wideband systems transmitters operating under Section 15.250, and wideband vehicular radar systems under Sections 15.252 and 15.253;
 - c) Radio equipment operating in the 3650 MHz band using unrestricted contention based protocol (Part 90 Subpart Z);
 - d) Doppler radars operating in the 24.05 GHz to 24.25 GHz frequency band (Part 90 Subpart F);
 - e) Split modular transmitters authorized under Section 15.212;
 - f) Implanted Transmitters with maximum total available output power > 1.0 mW (in all rule parts);
 - g) 700 MHz Band Transmitters (Part 74, 698 to 806 MHz);
 - h) Television Band Devices (TVBD) (Part 15 Subpart H);

¹ See Sections 2.962(f)(5)(i), 2.962(f)(1), and 2.962(c)(4).

² Questions regarding FCC rules and equipment authorization policies may be submitted via the Knowledge Database (KDB), an OET on-line database containing policies, procedures, common equipment authorization questions, and KDB publications cited in this document. The KDB is available at (www.fcc.gov/labhelp).

³ Applications subject to Permit-but-Ask procedures as described in KDB Publication 388624 can be reviewed by a TCB as long as the application meets the requirements of the appropriate guidance. The FCC may require any variations to be submitted directly to the FCC.

⁴ Devices with ad-hoc capabilities, or devices that perform active scans (initiate probe transmissions), are considered master devices.

- 2) TCBs are excluded from issuing equipment certifications for transmitters subject to the following RF exposure conditions and configurations:
 - a) When RF exposure requirements have not been fully established and Sections 1.1307 (c) or (d) applies.
 - b) RF exposure evaluations using numerical simulations or computational modeling techniques;
 - c) Portable transmitters operating at frequencies below 100 MHz and SAR evaluation is required; or portable transmitters operating at frequencies above 6 GHz and routine RF exposure evaluation is required;⁵
 - d) Portable transmitters operating in general population exposure conditions with source-based, time-averaged maximum output power and separation distance requirements exceeding 12 times the SAR Exclusion Threshold in KDB 447498.
 - e) Portable devices operating according to occupational exposure requirements, except for the handheld push-to-talk two-way radios described in KDB 643646, with maximum time-averaged maximum output power and separation distance requirements exceeding 30 times the (general population) SAR Exclusion Threshold in KDB 447498.

Change Notice

10/25/2011 628591 D01 TCB Exclusion List v12r02 replaces 628591 D01 TCB Exclusion List v12r01.

Removed Access Broadband over Power Line (BPL) devices (Part 15 Subpart G);

06/tbd/2012 D01 TCB Exclusion List v13 replaces 628591 D01 TCB Exclusion List v12r02.

Added devices subject to Section 15.253 requirements; changed some requirements for devices subject to RF Exposure requirements; removed non-SDR Class II permissive change applications for certain types of devices.

⁵ In some circumstances when it is determined that RF exposure evaluation is not necessary, such as low power or low exposure conditions and after consultation with the FCC, permission may be given for a TCB to approve devices that are subject to this condition.