



Federal Communications Commission  
Office of Engineering and Technology

Title: TCB Exclusion Lists

Short Title: TCB Exclusion Lists

Reason: This document is under Draft Review to replace the current attachment 628591 D01 TCB Exclusion List v11r03 of Publication 628591.

**Publication:**

Draft For Review: 628591

Keyword: TCB Exclusion Lists

First Category: Telecommunications Certification Bodies (TCBs)

Second Category: Equipment Exclusions

Third Category:

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Question:

What equipment cannot be certified by a Telecommunications Certification Body?

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Answer:

The attached document 628591 D01 TCB Exclusion List v12 identifies equipments that are excluded from being certified by a TCB.

Attachment List:

[628591 D01 TCB Exclusion List v12 ,Published on: Date](#)

## 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.<sup>1</sup> Equipment subject only to Verification (§ 2.902) or Declaration of Conformity (§ 2.906) procedures of Part 2 Subpart J, or not subject to FCC equipment authorization, shall not be approved using the Certification (§ 2.907) procedure.<sup>2</sup>

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 § 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 (U-NII) devices with Dynamic Frequency Selection (DFS) capability (Part 15 Subpart E), including client devices operating in the DFS bands that have radar detection capability;<sup>3</sup>
  - b) Ultra-wideband (UWB) devices (Part 15 Subpart F), wideband systems transmitters operating under § 15.250, and wideband vehicular radar systems under § 15.252;
  - c) Access Broadband over Power Line (BPL) devices (Part 15 Subpart G);
  - d) Radio equipment operating in the 3650 MHz band using unrestricted contention based protocol (Part 90 Subpart Z);
  - e) Doppler radars operating in the 24.05 GHz to 24.25 GHz frequency band (Part 90 Subpart F);
  - f) Split modular transmitters authorized under § 15.212;
  - g) Implanted Transmitters (Part 15 and Part 95 Subpart I).
  - h) 700 MHz Band Transmitters (Part 74- 698 – 806 MHz).
  - i) Television Band Devices (TVBD) (Part 15 Subpart H).
- 2) TCBs are excluded from issuing equipment certifications for transmitters subject to the following RF exposure conditions and configurations:<sup>4</sup>

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<sup>1</sup> See §§ 2.962(f)(5)(i), 2.962(f)(1), and 2.962(c)(4).

<sup>2</sup> 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](http://www.fcc.gov/labhelp)).

<sup>3</sup> Devices with ad-hoc capabilities, or devices that perform active scans (initiate probe transmissions), are considered master devices.

<sup>4</sup> See Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies (KDB 447498) for related information.

- a) RF exposure evaluations using numerical simulations or computational modeling techniques;
- b) Portable transmitters operating at frequencies below 300 MHz and SAR evaluation is required; or portable transmitters operating at frequencies above 6 GHz and RF exposure routine evaluation is required; except when there is prior FCC approval for equipment to be certified according to PBA procedures
- c) Portable transmitters with source-based, time-averaged output power  $> 900 \cdot [f_{\text{(GHz)}}]^{-0.5}$  mW operating in general population exposure conditions; or  $> 2250 \cdot [f_{\text{(GHz)}}]^{-0.5}$  mW operating in occupational exposure conditions;<sup>5</sup>
- d) Portable devices operating according to occupational exposure requirements, except for the push-to-talk device configurations described in KDB 447498;

## Change Notice:

07/28/2008

628591 D01 TCB Exclusion List v11 has been changed to a new revision under the same version: 628591 D01 TCB Exclusion List v11r01

Page 2 f (i) (2) “SAR-to-antenna-separation” changed to “SAR to peak location separation ratio” for clarification.

08/21/2008

628591 D01 TCB Exclusion List v11r01 has been changed to a new revision under the same version: 628591 D01 TCB Exclusion List v11r02

Item 1(i) added to list of excluded devices -700 MHz Band Transmitters (Part 74-698 – 806 MHz).

03/12/2009

628591 D01 TCB Exclusion List v11r02 has been changed to a new revision under the same version: 628591 D01 TCB Exclusion List v11r03

Item 1(j) added to list of excluded devices - Television Band Devices (TVBD) (Part 15 Subpart H).

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<sup>5</sup> The thresholds are based on conducted power, according to source-based, time-averaged output power as defined in § 2.1093(d)(5);  $f_{\text{(GHz)}}$  is the mid-band frequency in GHz.