

Transmitters included in a TCB Scope and identified in the following **do not** qualify for TCB approval.<sup>1</sup> Review & Approval procedures are described in a separate document that will be revised as evaluation and approval procedures are updated.

Transmitter Category	Exclusions List
I) All Transmitters	<ul style="list-style-type: none"> <li>a) devices not evaluated according to most recent versions of FCC OET 65 Supplement C or other applicable FCC policies, procedures, and TCB training notes</li> <li>b) applications for equipment approval or permissive change requiring any change in equipment class (e.g., TNB to TNE, etc.) or change in RF exposure limits or exposure category</li> <li>c) devices employing numerical simulation or computational modeling techniques to show RF exposure compliance</li> <li>d) transmitters operating in non-US protocols or radio services (e.g., PHS, etc.)</li> </ul>
II) Portable Transmitters	<ul style="list-style-type: none"> <li>a) devices with operating frequencies above 6 GHz</li> <li>b) devices in standalone configurations with <u>output power</u><sup>2</sup> greater than the <u>high threshold</u><sup>3</sup></li> <li>c) transmitters that are implanted or operated within a person’s body</li> <li>d) devices operating according to occupational exposure requirements, except for push-to-talk radios</li> <li>e) devices containing multiple transmitters that transmit simultaneously, when <i>routine SAR evaluation</i><sup>4</sup> is required for the highest output (dominant) transmitter, and any of the other (non-dominant) transmitters is operating at higher than 5 mW</li> <li>f) devices containing multiple transmitters with simultaneous transmission, when <i>routine SAR evaluation</i> is not required, and the sum of the individual ratios of the <u>output power</u> divided by the <u>high threshold</u> is greater than one (1)</li> <li>g) modules for operation in licensed services that are not configured in a dedicated host device</li> <li>h) unlicensed modules used alone or with another transmitter               <ul style="list-style-type: none"> <li>1) without simultaneous transmission, and the <u>output power</u> of any transmitter is greater than 100 mW with operating frequency less than or equal to 3 GHz, or 50 mW with frequency greater than 3 GHz but less than or equal to 6 GHz</li> <li>2) with simultaneous transmission, and the sum of the individual ratios of the <u>output power</u> divided by the <u>low threshold</u><sup>3</sup> is greater than one (1)</li> </ul> </li> </ul>

<sup>1</sup> Each TCB location must have a least one person on staff who has completed the Part 22 Subpart H and Part 24 Subpart E handset SAR training, and the fixed, mobile, and portable transmitters RF exposure procedures training. Additional training will be provided in the future on requirements for new procedures and technology. Training workshops will be repeated as necessary to accommodate new TCBs.

<sup>2</sup> Output power for portable transmitters is the higher of the conducted or radiated (EIRP) source-based time-averaged output.

<sup>3</sup> In the following table,  $f_{\text{GHz}}$  is mid-band frequency in GHz, and  $d$  is the distance to a person’s body, excluding hands, wrists, feet, and ankles.

Exposure category	<u>low threshold</u>	<u>high threshold</u>
general population	$(60/f_{\text{GHz}})$ mW, $d < 2.5$ cm $(120/f_{\text{GHz}})$ mW, $d \geq 2.5$ cm	$(900/f_{\text{GHz}})$ mW, $d < 20$ cm
occupational	$(375/f_{\text{GHz}})$ mW, $d < 2.5$ cm $(900/f_{\text{GHz}})$ mW, $d \geq 2.5$ cm	$(2250/f_{\text{GHz}})$ mW, $d < 20$ cm

<sup>4</sup> *Routine SAR evaluation* refers to that specifically required by § 2.1093, using measurements or computer simulation. When *routine SAR evaluation* is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.