

**Chris Harvey**

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**From:** Generic Office of Engineering Technology [oetech@fccsun27w.fcc.gov]  
**Sent:** Tuesday, April 11, 2006 11:18 AM  
**To:** charvey@ieee.org  
**Subject:** Response to Inquiry to FCC (Tracking Number 446569)

**Inquiry:**

I am in the process of reviewing a USB Dongle for Notebook Computer use that uses Pt. 22H CDMA2000 Modulation. What are the current review parameters I should be aware of and what parameters of operation are considered non-TCB reviewable?

**Response:**

To fully answer your questions more specific details are required e.g. power, photos, and similar. However the following general guidance applies.

Per our understanding of your question.

TCBs should handle the CDMA-2000 in accordance with our 3 G policy previously provided to the TCB.

Regarding USB dongle configuration procedures for RF exposure the following information is provided.

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- "Direct-connected" USB (without integral cable) differs from most PCMCIA in that port alignment may be horizontal (H), vertical (V), and 180 degrees H or V, with respect to a notebook computer host
  - Grantee is responsible for SAR compliance in all such intended use positions
  - 1-host per host type SAR testing is accepted for many Part 15 and some licensed-service USB-dongle transmitters
  - 3-host per host type SAR test results have been filed for some licensed-service USB dongles
  - KDB Mar04 webpost RFx Procedures 7)b), 7)c) are applicable
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7) SAR test procedures and positions for portable transmitters – notebook (laptop) computers, PDAs, smart-phones, etc.

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b) SAR data voluntarily submitted for additional positions which are applicable for a product is considered and reviewed during equipment certification

c) Additional tests may be requested by the FCC for other applicable device usage positions that have potential to exceed SAR limits

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Please note that for higher powered devices additional caution may be justified depending on the specifics.

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