

## Helen Zhao

---

**Subject:** FW: RE: FW: SDT Information Technology , FCC ID: UFHX7, Assessment NO.: AN06T6033, Notice#1

-----Original Message-----

**From:** eric.wong [mailto:eric.wong@tw.ccsemc.com]

**Sent:** Tuesday, August 22, 2006 1:02 AM

**To:** Helen Zhao

**Cc:** aven.zhou; eric.wong

**Subject:** Re:RE: FW: SDT Information Technology , FCC ID: UFHX7, Assessment NO.: AN06T6033, Notice#1

Hello Helen,

Please find the replies below in Blue .

**Thank you!!**

**Eric Wong**

---

**From:** Helen Zhao

**Sent:** Tue 8/8/2006 10:24 PM

**To:** Helen Zhao

**Subject:** SDT Information Technology , FCC ID: UFHX7, Assessment NO.: AN06T6033, Notice#1

Question #1: This device is a USB dongle, based on user manual, the device can be directly plugged into USB port of a PC, please explain why the test was done when the device was connected with PC via a "USB cradle". For your information, it is in portable configuration when the USB dongle is plugged into PC, it is in mobile configuration when the USB dongle is connected with PC via "USB cradle". Since the max. power output is below low threshold per TCB exclusion list 2002-07, this device can be used in portable configuration without SAR evaluation.

**(ERIC: Please see the updated materials that's show the USB cradle removed)**

Question #2: The external photos show USB dongle and "USB cradle". But the internal photos does not show "USB cradle", there is no information provided in user manual, schematics and operational description. If the "USB cradle" is part of EUT to be included in this filing, please provide internal photos and schematic diagram of the "USB cradle" and modify operational description and user manual to cover "USB cradle".

**(ERIC: Please see the updated materials that's show the USB cradle removed)**

Question #3: The user manual does not contain any regulatory statements. Please add 15.19 labelling statement, 15.21 user information, 15.105(b) user information, 15.247 RF exposure statement into the manual.

**(ERIC: Please see the updated materials attached)**

Question #4: User manual - The user manual indicates 11 channels are used in US, 13 channels are used in EU, 14 channels are used in Japan, please explain how the manufacturer prevents end user to use unauthorized channels, e.g. channel 12 and channel 13. Please provide mechanism.

**(ERIC: The user manual is prepared for all the market would be sold, but it will set and locked before leaving the factory with the designated channel according to the National regulation to be sold to prevent the illegal use of the spectrum.)**

Question #5: The user manual indicates the transmitter power is 15dBm, which is higher than the measured max. power output: 12.06dBm as recorded in the test report. Please correct inconsistency.

**(ERIC: Please see the updated materials attached)**

Question #6: The FCC ID label format does not even show FCC ID. Please revise the FCC ID label.

**(ERIC: Please see the updated materials attached)**

Question #7: The test report (page 6) indicates worst case at 11b mode is 11Mbps, the highest data rate; worst case at 11g is 6Mbps, the lowest data rate, please verify again and explain why.

**(ERIC: Please see the updated materials attached)**

Question #8: The test report radiated emission above 1GHz, only peak results are provided, not average results. Please note

8/22/2006

when peak result exceeds average limit, you need to provide average result to show average result is below the average limit. Please provide additional average test results whenever peak result exceeds average limit.

**(ERIC: Please see the updated materials attached)**

**Question #9:** Test report - The power line conducted emission test plots were not provided, please add the test plots into the test report.

**(ERIC: Please see the updated materials attached)**

Best Regards,  
Helen Zhao

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

8/22/2006