

from [application](#) <application@tw.ccsemc.com> [hide details](#) 5:39 am (4 hours ago) 
to tim.dwyer@ccsemc.com
date Jan 3, 2007 5:39 AM
subject Re:Re:TomTom BV , FCC ID: S4LONE-CK,
Assessment NO.: AN06T6405, Notice#1-
revised 0103

Dear Sir:

Please see my reply. Thank you.

Best Regards,

Amanda

from [Tim Dwyer](#) <Timothy_Dwyer@ieee.org> [hide details](#) Jan 2 (15 hours ago)
to application@tw.ccsemc.com
cc "tim.dwyer@ccsemc.com" <tim.dwyer@ccsemc.com>
date Jan 2, 2007 7:22 PM
subject Re: TomTom BV , FCC ID: S4LONE-CK, Assessment
NO.: AN06T6405, Notice#1
mailed-by gmail.com

Please note Item 3 has been added below.

Dear CCS,

The review of this application is complete. There are two minor issues that must be resolved before the grant can be issued.

1. Section 7.7.1 of the test report shows emissions at 4.82, 4.90, 4.94, and 7.44 GHz. These emissions are in the restricted bands described in 15.205. These emissions are not reported in the radiated emissions section 7.7.2. Please provide additional data of a statement to confirm that the radiated emissions at these frequencies comply with the radiated emission limits of 15.209.

Ans: Attached please find the revised test report, page 39,41-42,44-45,47-48, with test plots attached. Frequencies out of 2.4~2.5GHz band would be 'filtered' by the antenna due to the unique characteristics of the antenna.

2. Section 7.7.1 of the test report reports an emission at 2.49 GHz. 2.49 GHz is outside the allocated frequency range. The probable cause for reporting this frequency is understood, however additional data or explanation is needed. For example, you may be able to use the "Marker Count" function at that frequency to provide better frequency resolution.

Ans: The actual frequency is 2480MHz, we can see it in the 20dBc plot. Since the sweep points of the plots is only 601pts, the total span of the 24.97GHz is divided only for 601pts, with 41.55MHz per points, caused the frequency shifting due to inadequate frequency resolution. Conducted test was carried on without stop, so the actual frequency is confirmed as 2480MHz.

3. The "Portable <20cm" checkbox in report Appendix I has been selected. The "Mobile >20cm" box should be selected for consistency. Please correct this. This item has also been included in the related Industry Canada application review.

Ans: This EUT can be handheld too, so it is considered as portable device.

Please note that a review of the related Industry Canada application (AN0611917) is in progress, and I will forward results of that soon. The items listed above may need to be addressed in the Industry Canada application also.

Best regards,

Tim Dwyer
CCS Technical Reviewer

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.