



Trimble Navigation Limited  
935 Stewart Drive  
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(408) 481-8000

Dec 11, 2012

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Subject: Description of How to Meet Spectral Efficiency Requirement of Section 90.203(j) (5)

Dear Sir/Madam,

We, Trimble Navigation hereby authorize Bay Area Compliance Laboratory Corp to act as a laboratory for testing and test report generation for the following project(s):

**FCC ID: KEAXDLM, Model: XDLM-0, XDLM-1, XDLM-2**

This project is a 12.5/25 KHz bandwidth equipment in the frequency bands 403~473MHzs, and up to 2W transmitter RF power. This equipment is capable of supporting 9.6 kbps for 12.5 KHz channels spacing and 19.2 kbps for 25 KHz channel spacing, so it meets FCC Section 90.203(j) (5):" the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 KHz of channel bandwidth.It is controlled by firmware and hardware keeps the same.

We affirm that between BACL and Trimble Navigation, any difference in understanding, including test plan, measurement methods, applicable standards and relevant procedures and processes have been resolved prior to commencement of testing activities.

This authorization is valid until further written notice from the applicant.

Sincerely,

Hui Chen / RF Engineer  
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(408) 481-7866  
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A handwritten signature in black ink, appearing to read "Hui Chen", written over a white background.