

Helen Zhao

Subject: FW: GPS INSTANT FIX TECHNOLOGY CO.,LTD., FCC ID: TQAGPS-BT74R

Importance: High

Dear Helen,

Thanks for your response.

For your question, we have confirmed and answer as follow:

Ans. for Q1: Attached please find for a correct ID label.

Ans. for Q2: A revision of test report is attached please find,

We have modified the original Section 4.3 and moved to Section 5.3 in the revised report.

Ans. for Q3: We have modified the Section 8.3 and 8.5, please refer to the revised report.

Ans. for Q4: The power density test data was submitted in Section 9, please see the revised report.

Should you have any queation or comments, please let me know. If no, please send the TCB Grant ASAP.

Best Regards,

Cherry Wang

Question #1: The proposed FCC ID label format shows an incorrect FCC ID: "TAQGPS-BT74R". Please revise the ID label.

Question #2: Test Report Section 4.3 Specification Limits - Based on the limit in that section, the EUT failed the test as the 20dB bandwidth (1.12MHz) is greater than the channel separation distance (1MHz). However, based upon FCC15.247(a)(1),

"Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW."

Your case, channel separation distance (1MHz) is greater than 2/3 of the 20dB bandwidth ($2/3 * 1.12\text{MHz}$) . Please modify section 4.3 as well as 4.5 to indicate this. I suggest you report the 20dB bandwidth first, you may move Section 5 ahead of Section 4.

Question #3: Test Report Section 8 Max. Output Power - Based on FCC15.247(a)(1), please modify Section 8.3 Limit and Section 8.5 test result to change the limit from 30dBm to 21dBm.

Question #4: This device is considered as a hybrid system, using both frequency hopping and digital modulation, so power spectral density test is required. Please perform the test and submit the test data.

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.