

American Certification Body Inc.
6731 Whittier Ave, Suite C110
McLean, VA22101

Date: 19.11.2014

**Under Armour Inc.
Sport Performance Monitor
A39M01
ATCB014856**

Dear Michael,

Please note our answers below.

1. You have used the name CSA Group Bayern GmbH on the letters and documents but I notice the IC website still lists Mikes Testing Partners as the company with number 3009A. Please remember to login to the IC website and change your details. For now, please provide a cover letter to confirm that CSA Group Bayern GmbH is the same company as Mikes Testing Partners GmbH.

Mikes: Thank you for this information. After we have finished the current open IC certifications (bf1systems) with mikes test reports, we will change our details on the IC website.

For now please see the updated cover letter confirming that CSA Group Bayern GmbH is the same company as mikes-testingpartners gmbh.

2. I know this is not great news for you but unfortunately these two transmitters need to appear on different FCC Grants. By testing to 15.249, we can see that one of them is below 1 GHz and therefore "Scope A1"; whilst the other one is above 1 GHz and "Scope A2". Also, the transmitter below 1 GHz will be Equipment Class DXT but the transmitter above 1 GHz will be Equipment Class DXX.

The only way to avoid this situation is to test to 15.247 and call them both "Scope A4" with Equipment Class DSS. (It's probably too late for that suggestion!)

Mikes: Two FCC Grants are okay. Please see two separate Forms 731.

3. The operation description rates the output power for both transmitters as 0 dBm. Theoretically, we would expect a 0 dBm transmitter to have an approximate field strength at 3m of about 95 dBuV/m (or even more). This transmitter measures 75 dBuV/m and 77 dBuV/m peak. Please confirm that it was transmitting at maximum power and that the manufacturer is happy with those power levels.

Mikes: We confirm, it was transmitting at maximum power and that the manufacturer is happy with those power levels.

4. For our records, please clarify the relationship between BlueRobin and Under Armour Inc. The documentation shows that Under Armour is responsible for the product and the manufacturer is IDT Technology Ltd. However, technical documentation (Block Diagram of the whole device) is from BlueRobin.

Mikes: BlueRobin is only the name of the proprietary protocol using for transmission in the 915 MHz band. The devices were developed by BM innovations GmbH in order of Under Armour, technical documents were also issued by BM innovations GmbH in order of Under Armour.

5. For your information: I can see that the device passes from the emissions plots and bandwidth measurements but please remember that band edge measurements should always be included in a test report; either as spurious emissions data or a separate test.

Mikes: Thank you for this information. We will hold in mind for future projects.

6. For your information: Please note that it still seems to be only your OATS listed on the IC website, whereas testing is still taking place inside the chamber. I know that IC did not give us a deadline to fix this problem but please don't forget about it.

Mikes: Thank you very much for your reminder. Process is still running, I have passed your information to my responsible colleagues.

If you have any questions, please feel free to contact me at the address shown below.

Yours sincerely,

Christa Jäger
Global Market Access – Certification Group

CSA Group Bayern GmbH
Ohmstr. 1-4, 94342 Strasskirchen, Germany