



Peacock Technology Limited
Unit 13 Alpha Centre
Stirling University Innovation Park
STIRLING FK9 4NF
Scotland UK

+44 (0) 1786 451305

info@peacocktechnology.com
www.peacocktechnology.com

28th March 2024

Regarding acbcert.com application:

ATCB ID: ATCB027453

FCC ID: WWP-I-QUBE

Device Name: I-QUBE

Date of Grant: 09/07/2021

On the 28th of April 2022 Peacock Technology bought IceRobotics and took over all of their staff and products. IceRobotics is now a wholly owned subsidiary of Peacock Technology for sales and marketing purposes, but all technical work is done by Peacock Technology. Peacock Technology is the authoritative technical source for all IceRobotics products and we have updated the contact details in the FCC's database to reflect this.

On the 6th of May 2023 we were informed that a post market surveillance audit would be conducted on the IQube product, FCC-ID WWP-I-QUBE. The audit was performed at BEC Inc. and during the testing it was found that the conducted output power was measured at 13.3dBm and the spurious emissions tests failed with peaks at 2.74271GHz and 4.57126GHz. The failure was investigated and the cause was a bug in the engineering test firmware on the audit device which inadvertently left boost mode enabled on the radio module. This caused the output power to be too high. The firmware on the test samples was replaced with a corrected version and when the test was performed again the output power was measured at 12.502dBm and the spurious radiated emissions test was passed. Units already in the field do not run the affected version of firmware and remain in compliance.

It then came to our attention that the original filing listed the conducted output power incorrectly as 0.000081W. We have spoken to the test lab that performed the testing for the original filing and the staff members involved have left and so they were unable to explain why this was the case. This was raised by ACB with the FCC and the FCC kindly granted a one-off C2PC for the filing to be amended.



Peacock Technology Limited
Unit 13 Alpha Centre
Stirling University Innovation Park
STIRLING FK9 4NF
Scotland UK

+44 (0) 1786 451305

info@peacocktechnology.com
www.peacocktechnology.com

Further testing was performed and showed the conducted output power was measured at 0.01779W where it passed all tests (conducted spurious emissions tests 30MHz-10GHz, conducted power spectral density, 6dB occupied bandwidth values, radiated spurious emissions 30MHz-10GHz). We would like to amend the filing to reflect the correct output power via a Class II Permissive Change and include the necessary test reports and evidence with this letter.

Your assistance in this matter would be greatly appreciated.

Yours sincerely,

Anthony McMahon

CTO Peacock Technology Ltd.