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Federal Communications Commission
Equipment Approval Services
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Re: Class II Permissive Change/Re-assessment
for JCI U-connect Transmitter
Model: U-connect
FCC ID: CB2UCONN
IC: 279B-UCONN

In the original filing (FCC ID: CB2UCONN), the maximum measured peak output power was reported as 4.7 dBm at 2480 MHz. The current measurement is lower by 3 dB. We cannot explain this difference and believe the original measured peak output power was in error. We attempted to locate the original module, but were unable to do so. The best we could do was to re-measure samples from the original design and for those we obtained the following:

Peak Output Power (Antenna Conducted) – Original Version of the DUT

Freq (MHz)	Peak P(dBm)	Peak Limit (dBm)
2402	1.26	30
2441	1.67	30
2480	1.86	30

Also note that both the original and current modules use the same Bluetooth Class 3 (0 dBm) chip, which indicates that the original measurements could not have been correct. Again, we cannot explain the higher output power in the original filing and believe it to be in error.

Sincerely,

Valdis V. Liepa
Research Scientist