Here are correspondences (Q&A) concerning the antennas and antenna connectors used with this device - FCC ID:JVPAWL700. The applicants has justified that the antenna shown on the external photographs is for transmitting WLAN data only. This transmitting antenna is permanently attached to the device. The antenna, integral to the PCMCIA card, is for receiving WLAN data only.

From the TCB:

1. Part 15.203 Antenna requirement: Please, demonstrate compliance with this section for the external antenna. Page 4 of test report refers to a "built-in PCB trace type" antenna only. Photos show an external antenna and coaxial cable. If the antenna is detachable, conducted output power measurement is needed
2. The device has two antennas. Please, provide test data to support both antenna or demonstrate through system design that one of the antennas cannot be used or operated. A statement is needed.
3. Band-edges: Compliance with the band-edge at 2390 MHz should be demonstrated using the lowest channel available, here 2.412GHz (NOT 2.462GHz). Please, submit a new test report "10-2.(AWL700)TestRpt.pdf-b"

Response from the Test Lab:

According to your questions 3, please refer to the revised report which is used to replace original one. The followings are the answers to your each question 1 and 2.

1. The antenna used by this model shall be non-detachable, so the conducted output power doesn't need be tested.

2.Yes, the EUT with two antenna, one for receiving another for transmitting (J1), as soon as the external antenna leader connected to J1, the transmitting antenna on PCMCIA card will be disable automatically, for this reason, we only tested one transmitting antenna mode. We confirmed the applicant, the external antenna will be sold together with the EUT under this certification. Any user cannot change the external antenna by self because the antenna is fixed on the enclosure and no antenna connector available.

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