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Applicant:	Aruba Networks, Inc.
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Question:

1) If not in filing already, as part of op desc exhibit, please describe transmit operations of each antenna configuration option (location and type for all antenna elements, diversity, beamforming, MIMO, etc)

Response:

1) The model 65 is shipped from the factory with 2 integral antennas and no external antenna connector options. The antennas are located in the articulating section of the access point shown in Figure 1 below. The antennas operate in diversity mode only with no other transmit modes possible.



Figure 1 : Antenna Locations

Question:

2) RF exposure exhibit indicates distances closer than 20 cm - note that FCC RF exposure limits at closer than 20 cm are in terms of SAR not field strength or power density. Please revise RF exposure exhibit accordingly.

Response:

2) The RF exposure exhibit in the test report indicates calculation distances closer than 20cm. However in the same page of the report under Note: in the Specification, Maximum Permissible Exposure Limits it specifies that the "minimum separation distance is 20cm", see highlighted area below.

Specification
Maximum Permissible Exposure Limits

Devices are subject to the radio frequency radiation exposure requirements specified in §1.1307 (b), 2.1091 and 2.1093 as appropriate. All equipment shall be considered to operate in a "general population/uncontrolled" environment.

Limit S = $1\text{mW} / \text{cm}^2$ from 1.310 Table 1

Note: for mobile or fixed location transmitters the minimum separation distance is 20cm, even if calculations indicate the MPE distance to be less.

It is understood that this presentation may be subject to misinterpretation and therefore MiCOM Labs will amend how it reports the 20cm limit.