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Customer First Name: Xiong  
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Country:

**Inquiry Details on 03/08/2019:**

First category: RF Exposure \*  
Second category: SAR (RF Exposure)  
Third category:  
Subject: Whether need to test SAR and Which faces should be tested  
Inquiry: Dear FCC,

We have one product is a smart robot, support WiFi function and the output power up to 20dBm. this product has one LED display, the WiFi antenna behind the display. user will not close the antenna except touch the display with their fingers. So my question as below:

- whether need to test SAR for this product?
- if yes, only test the front is necessary or should test three sides because the tail of antenna extend to the side.

Please refer to attached product photos.

thank you~

FCC Response on 03/08/2019:

There are no photos attached. Also, please provide a user manual, in English if available. Finally, please include a diagram showing the distance of the WiFi antenna to each surface/edge.

---Reply from Customer on 03/08/2019---

Dear FCC,


thanks for your reply, i have no the diagram. but i take a phone, show the antenna position and mark the distance. please confirm. thank you~

FCC Response on 03/12/2019:

Thank you for the additional information. Due to the form factor and expected use conditions of this device during normal operation, 1-g head, face, or body SAR can be excluded from SAR testing (since distance will be greater than 20 cm). However, since the user's fingers will be in close proximity to the transmitting antenna, this device should be tested for 10-g Extremity SAR. Extremity SAR should be measured for all edges and surfaces of the device with the transmitting antenna located within 25 mm from that surface or edge.

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Attachments after clicking on the "Proceed" button below)

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