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Response to Inquiry to FCC (Tracking Number 375512)

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收件人：飘云<33138607@qq.com>

Inquiry on 01/10/2024 :

Inquiry:

Dear,

The product is AG Glasses, the product appearance is not in specification?you can see it from attachment.

Please tell me how to conduct the SAR test. Please answer me quickly, thanks.

FCC response on 01/12/2024

Provide photos of the device being worn by the user

Describe the signal path and the charateristics.

Can the device fit in a pocket? Please describe the "ON and OFF" transmission

ntennas located on both arms of the glasses where it is curved to conform to the upper part of the ear, next to the head.

2) There are multiple photos that show the arms of the glasses can be straight or significantly curved to conform to the back of the head. However, the material does not seem like it can be bent easily, such as in traditional eye-glasses with rather thin arms. This need clarification to determine if there could be device positioning issues with the phantom for SAR measurement.

3) The antennas are located inside the arms consisting of a piece of thin wire about 1 – 2 cm long. If it can be demonstrated that the radiation characteristics is symmetrical around the wire (at lease in free-space conditions), testing SAR on the outside and inside surface of each arm should be sufficient. The SAR distribution should be similar for inside and outside surface of the arm after taking into account test distance differences due to the different thicknesses of the plastic on either side of the arm. Therefore, SAR for the part of the arm that rides on top of the ear may not be necessary as there is no easy way to do this.

4) The subsequently proposed positioning the arm over the nose of the SAM phantom. This is totally unacceptable because of the severe curvature and tight space around the nose where SAR probes are not design to measure in such locations. In addition, the SAR standards have excluded the center 2 cm (along mid-line) of the SAM phantom for SAR measurement due to inconsistent shell thickness and measurement concerns. (You need to read the SAR standards to know the fundamentals of the measurement protocols.

5) If the arm is curved around the side/back of the head, you may not be able to position the inside of the arm against the phantom (0 mm) to measure SAR. There could be some difficult positioning the outside surface of the arm against the phantom also.
6) One side of the arms has something bulging at the end of the arm. It is probably unimportant; however, they should clarify what it is.
7) In order to position the inside of the arm against the phantom, you will need to bread the eye-glasses in the middle (at the noise support). You need to confirm that there is no electronics, wiring etc. running between the two sides of the glasses and there is no influence in performance, operations etc., including MIMO (if supported).

---Reply from Customer on 01/22/2024---

Dear,
All question had answered, please see the attachment. please tell me the test method and standard as soon as possible, thanks.

FCC response on 01/26/2024

Test plan is acceptable and approved

Attachment Details:

user manual

product description

answer

Do not reply to this message. Please select the Reply to an Inquiry Response link from the OET Inquiry System to add any additional information pertaining to this inquiry.