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收件者: Kuo, Matt (Taoyuang City)
主旨: Response to Inquiry to FCC (Tracking Number 463657)

Inquiry on 10/16/2018 :

Inquiry:

Hello

Sir

The
device is a smart camera with WLAN 802.11b/g/n 1TX feature only.

Also,
please refer to attached “inquiry to FCC” file and “user manual”.

There is
the battery inside so the device can be portable use.

In this
case, can we proceed SAR test as proposed plan in “inquiry to FCC” page 3?

Note

1. Proposed plan: Testing for 1-g SAR on all surfaces and side edges with a transmitting antenna located at ≤ 25 mm from that surface or edge, at 5 mm separation from a flat phantom filled with body liquid
2. The device supports WLAN802.11b/g/n 1TX only
3. For antenna location, please refer to page 1–2 in “inquiry to FCC”.
4. For device photo, please refer to page 4–9 in “inquiry to FCC”.

Thank
you

FCC response on 10/18/2018

Thank you for your inquiry.

1. Does the DUT support voice? If it does, in addition to your body SAR test proposal, you need to conduct head SAR test with flat phantom filled with head tissue-equivalent medium.
2. In addition, you need to consider extremity SAR test.
3. Does any simultaneous transmission involve?
4. Does the DUT equipped with view finder/view window)? If so, you need to conduct head SAR test at 0mm separation distance from the flat phantom filled with head tissue. If you test this, you may disregard the head SAR test portion described in #1 above.
5. Please also consider KDB 248227 D01 802.11 Wi-Fi SAR v02r02

---Reply from Customer on 10/22/2018---

1. Does the DUT support voice? If it does, in addition to your body SAR test proposal, you need to conduct head SAR test with flat phantom filled with head tissue-equivalent medium.

-> Yes, but the device doesn't support next to ear use, it only support speaker mode. Hence, there shall be only next to the mouth exposure exist.

For SAR evaluation for next to the mouth, can SAR be measured with the front of the device positioned at 10 mm from a flat phantom filled with head tissue-equivalent medium?

Ps. microphone is located in the front side of device, please refer to mic location in page 10.

2. In addition, you need to consider extremity SAR test.

-> OK, for extremity SAR test, can we test for 10-g SAR on all surfaces and side edges with a transmitting antenna located at ≤ 25 mm from that surface or edge, at 0 mm separation from a flat phantom filled with body liquid?

Also, for extremity SAR test of front side, can we measure 10-g SAR (0mm) as attachment page 12-14?

[Because this irregular form factor of front side can't be conform to flat phantom directly, three positions are proposed to measure extremity SAR,

Position1: Front_surface 1 touch against the flat phantom (page 12), the maximum measured 10g-SAR is 0.00711.

Position2: Front_surface 2 touch against the flat phantom (page 13), hotspot cube can't be measured correctly.

Position3: Both front_surface 1 and front_surface 2 of EUT touch against the flat phantom (front tilt), the maximum measured 10g-SAR is 0.015.]

Note

For position 2, hotspot cube can't be measured correctly, so position 2 shall not be used for proposed position.

Furthermore, update test plan as attachment page 3, is the proposed plan acceptable?

(Proposed plan: For extremity SAR, testing for 10-g SAR on all surfaces and side edges with a transmitting antenna located at ≤ 25 mm from that surface or edge, at 0mm separation from a flat phantom filled with body liquid. For SAR evaluation for next to the mouth, measured with the front of the device positioned at 10 mm from a flat phantom filled with head tissue-equivalent medium.)

3. Does any simultaneous transmission involve?

-> No, the device support WLAN 1Tx only, so there is no simultaneous transmission happened.

4. Does the DUT equipped with view finder/view window)? If so, you need to conduct head SAR test at 0mm separation distance from the flatphantom filled with head tissue. If you test this, you may disregard the headSAR test portion described in #1 above.

→ No, the device doesn't equip with view finder/view window.

5. Please also consider KDB 248227 D01 802.11 Wi-FiSAR v02r02

→ Ok, we will follow KDB 248227 D01 802.11 Wi-Fi SAR v02r02 to proceed SAR measurement.

FCC response on 10/23/2018

Thank you for your response and clarity.

Your proposals are acceptable. You may proceed.

Attachment Details:

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.