

Response to Inquiry to FCC (Tracking Number 339119)

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发给 thea@agc-cert.com

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Inquiry on 04/27/2020 :

Inquiry:

Dear Sir,

How are you!

The device is a POS device. It supports WCDMA, LTE, WIFI. Power Supply: charging by adapter, no battery. The device is fixed in place in actual use. Note in the instruction manual that the safe distance of equipment is 0.22m.

Can you help us confirm whether this device needs to test SAR?

If need to test, can you provide a SAR test procedure?

Looking forward your support!

Thank
you!

Best
Wishes

FCC response on 04/27/2020

Thank you for your inquiry. Even though this device will be fixed to a wall, the users' hands will often be in close proximity to the transmitters when they are placing their phone or ticket near the reader. As such, this device should be evaluated for 10-g Extremity SAR. If the device does not qualify for SAR test exclusion via the 10-g standalone SAR test exclusion threshold of section 4.3.1 of FCC KDB 447498 D01, it should be tested for SAR. Test 10-g Extremity SAR on all surfaces and side edges with a transmitting antenna located at ≤ 25 mm from that surface or edge. A test separation distance of 0 mm (touching) from the flat phantom filled with Body Tissue Simulating Liquid should be used. If the device supports simultaneous transmission between the various wireless technologies, the procedures for simultaneous transmission in FCC KDB Publication 447498 D01 should be followed. Since the device is not battery powered and is not easily relocated it is not classified as a portable device and thus 1-g body SAR is not required. FCC KDB Publication 447498 D01 can be found online at <https://apps.fcc.gov/oetcf/kdb/reports/GuidedPublicationList.cfm>.

Attachment Details:

[User manual](#)
[photo](#)

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