



CB-7.2.1 – Technical Review RT Form

FCC ID: Q8KUHF3680AB, Q8KUHF3680N, Q8KUHF3680R
IC ID: 4901A-UHF3680AB, 4901A-UHF3680N, 4901A-UHF3680R
CT Project: P1540002

From: Shawn McMillen

Date: RTs 06-15-2015

1. There is a request for long term confidentiality for internal photos. This is normally held short term by can request, under special conditions, for long term. See below if this requirement is met.

The internal photos and/or user's manual exhibits may be given Long-Term Confidentiality under the following special conditions:

a) Internal photos

1. May be held confidential if the circuit board or internal components are not accessible to users. For example, it is acceptable if the circuit board is enclosed in epoxy.
2. Also, it is acceptable if the device is not accessible to the public, for example, a device mounted on the top of a large tower (or in a fenced enclosure) such that it is only serviceable by professional designated technicians under a Non-Disclosure Agreement (NDA). All sales for these devices must be under a NDA restricting the disclosure of the propriety information, including internal photos.

DW: I have informed client in the past and they insist on submitting it as is since FCC/IC has not corrected them yet.

SM: Please have the client provide an explanation per above to determine if long term confidentiality of internal photos can be established.

Client: please upload as before.

2. The antenna data sheets provided show a Yagi antenna with the frequency range 380-400MHz. Since this is not a range the EUT is seeking approval for this antenna should be removed.

Client: Remove the yagi from file.

3. The MPE calculations were based off a 0dBi gain antenna however the manufacturer issued the antenna data sheets for this product. The MPE needs to be recalculated to address the higher gain antennas being used with the product.

Greg: The MPE calculations are based on the Manufacturer's rated output + 20 % which is the worst case operating conditions. The mfr rated output is 36 dBm. The FCC Limit is 37 dBm ERP. Even if the mfr uses a higher gain antenna they have to back the power down to stay within the

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FCC limit.

SM: The user's manual does not have the correct separation distance per the MPE calculations

Clent: Corrected 6/25/15

4. On page 6 of the EMC reports additional hosts are listed however each host should represent one ID.

Greg: References to additional hosts have been removed.

CT -

Response by:

Submitted by:

Date:

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