



CB-7.2.1 – Technical Review RT Form

FCC ID: OWWF10G-CPAL-AB-C

CT Project: P1480003

From: Shawn McMillen

Date: 10/1/14

1. Several of the MPE calculations are incorrect.
Huaptec – We have checked the MPE calculation. We use same formula as other product. Please help tell us which is incorrect so that we can update the documents.
10/27/14 Huaptec: Provided revise MPE calculations
MPE is still wrong, incorrect antenna gains.
10/27/14 Huaptec - RE: We are confused with these antenna gains. Could you help to clarify which antenna gain data is incorrect in the tablet? Could you help to correct them and send us for reference?
10/31/14 – Huaptec: Revised MPE, antenna kitting, and users manual provided.
11/6/14 –CT: MPE is incorrect.
11/11/14 – Huaptec fixed MPE.
2. The file named Block Diagram does not appear to be a block diagram.
Huaptec – Please refer to Theory of Op exhibit.
3. No confidentiality letter was provided with this application.
CT - The cover letter is saved with exhibit: F10G-CPAL-AB-C Cover Letter.pdf
4. There is no 731 form provided with this application. This is required in order to pull necessary information off of it.
Huaptec – Please refer to updated Form 731 exhibit.
5. The user's manual is missing the required FCC class B statements.
Huaptec – Please refer to updated User Guide exhibit.
6. The EMC test report is missing the necessary rule parts that the device is meant to be compliant to. Such as 22, 24 and 27.
CT (Mike G) –Added FCC references in rev 2 of test report. These also appear in the Test Result Summary table.
7. Please check the power levels measured for the Downlink. There appears to be a significant variation within the band of operation depending on the signal provided.
CT (Mike G) - Added new plot in rev 2 of test report, page 18.
8. Please check the downlink 734-746MHz band plot for intermodulation as it appears the two carriers injected are at a significantly different power level.
CT (Mike G) – Customer is aware of this and has already approved the data.
11/4/14 – SM: The lab will need to go back and address the intermodulation using the correct number of points when using an average detector.

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9. Please check the input and output plots for the WCDMA Downlink 734-746MHz band as it appears the spectrum on the output side is deformed.
CT (Mike G) – This data is consistent with the frequency sweep that shows reduced power across this area of the band, (738 -742MHz).

Response by: Compliance Testing & Huaptec

Submitted by: CTL

Date: 10/9/14

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