



## **CB-7.2.1 – Technical Review RT Form**

FCC ID: Q8KCELLPCS3380N

IC ID: 4901A-CELLPCS3380N

CT Project: P1510012

From: Shawn McMillen

Date: 03/02/2015

1--The block diagram provided appears to be cropped.

**DW** - 3/10/15: Fixed.

2--The EIRP results in the EMC report are missing in the tables provided. Additionally this may not be necessary for industrial boosters.

**GC** –The tables on page 16 have the EIRP results completed.

3--On page 6 of the user's manual it reads that this product complies with FCC part 27 however part 27 does not apply to this product.

**G-Wave** – 3/10/15 - **Sharon: What part complies with this product?** Part 22/24  
3/24/15 – Revised manual provided.

4--The RF exposure information in the user's manual is not correct. This product is categorized as fixed/mobile and therefore the separation distance cannot be less than 20cm.

**G-Wave** - 3/10/15 – **Sharon: The separation distance is not less than 20cm, it is approximately 30cm (12 inches). We have had this statement approved in the past, we made no changes, please advise.** Incorrect. This is true for P1510014, however, the safe distance must match the MPE report.

3/24/15 – Revised manual provided.

5--On page 12 of the user's manual it reads particular information regarding LTE 750MHz however this band does not apply to this product.

**G-Wave** - We will fix that, thank you for pointing it out.  
3/24/15 – Deleted in revised manual.

Form: CB-7.2.1	Issued by: QM	Issue Date: 9/22/2011	Page 1 of 3
	Revised by: QM-JS	Revised Date: 6/23/2014	



6--The test setup photos appear to show the EUT at a height > 1m above the ground plane. Please indicate what the height is and justification why the 1m per TIA 603 was not observed.

**GC** - 3/11/15 – The wrong test photos were included with the test filing.  
The correct radiated test setup photos have been provided..

7--The 15B report is included as part of the certification package however this is not necessary for certification.

**DW** - 3/10/15: Removed.

8--The RF exposure report indicates this is a portable device which is not correct. In addition the MPE calculations are not correct. The antenna gains referenced and the output power of the EUT are not consistent with the antenna data sheets and test report provided.

**GC** –

- The RF Exposure report has been corrected to show compliance to general population uncontrolled environment
- The antenna gains listed in the RF Exposure report match the antenna gains on the antenna datasheet provided by the mfr. The mfr listed 3 separate antennas and the antenna with the highest gain was used in the RF Exposure calculations.
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### **RTs 03-09-2015**

9--The external photos provided contain an internal photo.

**DW** - 3/10/15: Removed.

10--It is unclear what the file names “schematics New Pre Amp” is regarding.

**DW** - 3/10/15: Removed.

11-The RF exposure for RSS-102 in the CB-750 form should be for general public not occupational use.

**DW** - 3/10/15: Fixed.

Form: CB-7.2.1	Issued by: QM	Issue Date: 9/22/2011	Page 2 of 3
	Revised by: QM-JS	Revised Date: 6/23/2014	



CT -

Response by: Greg Corbin

Submitted by:

Date:

Form: CB-7.2.1	Issued by: QM	Issue Date: 9/22/2011	Page 3 of 3
	Revised by: QM-JS	Revised Date: 6/23/2014	