



FCC ID: RSNMOBILE-30

IC ID:

CT Project: P1440009

From: Shawn McMillen

Date: 6/3/14

1. The external pictures have a measuring device/ruler obscuring the form factor. Please insure any measuring instrument does not obscure the product.

CT – DW: Please see updated photos.

CT – Mike Graffeo: in addition, care will be taking next time to ensure no equipment is obscuring the EUT.

2. The label indicates that this product transmits at a maximum power of 1W however the maximum power measured is less than 20dBm.

DW – 6/20/14: Updated manual and label saved.

MG notes 6/17/14: The user's manual should show the maximum EIRP for each band (EIRP = highest modulated output power for each band from test report – cable loss + antenna Gain)

I.E. (for 824 to 849MHz) AWGN has the highest modulated output power @ 19.9dBm.

Now subtract your cable loss and then add your antenna gain factor for that same band.

3. Please note that for future application be sure to use a 1MHz RBW for emission > 1GHz when measuring against part 24E. Some of the conducted spurious plots are making use of an RBW of 100KHz above 1GHz. As does not appear to be any emissions detected so no action is necessary for this application, however please insure for future applications this is adhered to.

CT – Mike Graffeo: acknowledged. Future measurements will be broken up into smaller scans at the crossover point.

4. The limit of the conducted emissions at the band edge were set to -19dBm however the limit on all other conducted emissions was set to -13dBm.

CT – Mike Graffeo: Yes agreed and tested per latest revision of KDB 935210 D03.

5. Since this device is being approved under parts 22 and 24 the test result summary table in the EMC report should reflect compliance to these particular rule parts in addition to part 20.

CT – Mike Graffeo: Report has been updated to reflect this.

Response by:

Submitted by:

Date: