October 31, 2012

Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Division
7345 Oakland Mills Road
Columbia MD 21046

Subject: FCC ID: UZ7LEX700 Q&A Cover Page

Q.

FCC response on
10/25/2012
PBA aspects of this application is approved for continued TCB processing and final grant. However the probe cal uncertainty budget for k=1 from pages 16-22 are not still reflective respective freq ranges. k=1 is usually half of k=2.Please correct

A.

Motorola Solutions Response 10/31/2012

The frequency range for the probe calibration uncertainty budget in Table 1 on pg 18 has been changed to 750 - 800 MHz, covering the product LTE transmit bands. The probe uncertainty at 750 MHz for K= 2 is 12%. Refer to probe calibration information on pages 29, 30, 54 & 55. The probe calibration uncertainty in Table 1 was consequently changed to 6.0% for k= 1.

The uncertainty budget in Table 2 on page 19 lists 6.0% (k=1) for probe calibration uncertainty. The probe uncertainty for the frequency range in Table 2 (800-3000 MHz) is 12% for k=2. Refer to probe calibration information on pages 29, 30, 54 & 55. Table 2 was not changed.

The uncertainty budget in Table 3 on page 20 lists 6.6% (k=1) for probe calibration uncertainty. The probe uncertainty for the frequency range (3-6 GHz) in Table 3 is 13.1% for k=2. Refer to probe calibration information on pages 29, 30, 54, 55, 42 & 43. Note that 13.1% / 2 = 6.55% which was rounded to 6.6%. Table 3 was not changed.

The uncertainty budget in Table 4 on page 21 lists 6.7% (k=1) for probe calibration uncertainty. The highest probe calibration uncertainty for the frequency range (300-800 MHz) in Table 4 is 13.4% for k=2. Therefore we list this highest value as representative of the whole frequency range. Refer to probe calibration information on pages 29, 30, 54 & 55. Table 4 was not changed.

The uncertainty budget in Table 5 on page 22 lists 6.0% (k=1) for probe calibration uncertainty. The probe uncertainty for the frequency range (800-3000 MHz) in Table 5 is 12% for k=2. Refer to probe calibration information on pages 29, 30, 54 & 55. Table 5 was not changed.

The uncertainty budget in Table 6 on page 23 lists 6.6% (k=1) for probe calibration uncertainty. The probe calibration uncertainty for the frequency range (3-6 GHz) in Table 6 is 13.1% for k=2. Refer to probe calibration information on pages 29, 30, 54, 55, 42 & 43. Note that 13.1% / 2 = 6.55% which was rounded to 6.6%. Table 6 was not changed.