



The Kroger Co.

11450 Grooms Rd

Blue Ash, OH 45242

Date: 01/2/2014

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

**Subject:** FCC Class II Permissive change application for G2Z-CAP FCC ID: PBR-SZG2WCR1 originally granted on 19<sup>th</sup> Nov 2012.

eInfochips is herein submitting a class II permissive change filing for G2Z-CAP as listed in the operation description exhibit. Below changes were made with respect to the original product.

**Main Board:**

1. R196 – Changed to 1.5Kohm (Earlier 1Kohm was mounted) -> This change was made to overcome VCC5\_FB (feedback) voltage stability issue.
2. R245 Changed to 150Kohm (Earlier 174Kohm was mounted) -> This change was made to improve current sensitivity of the TILT functionality to overcome CMOS imager cable stiffness problem.
3. R282 is now mounted (Earlier defined as DNI or NU-not used part)-> To stop unnecessary initial movement of CMOS imager board.
4. T2- Part number changed to H2019FNL from originally H2019NL as per part Manufacturer's notification.

**CMOS Imager Board:**

C41, C42, C43, C44, C45 & C45 - Changed to 4.7pF (instead of 10pF) to improve margin in RE profile (30MHZ to 1GHz) of G2Z-CAP product.

**SREXRG-C2PC:**

1. C372 changed to 6.8pF (Earlier 0ohm resistor was mounted)
2. C243 change to DNI/NU (Earlier 1.0pF capacitor was mounted)
3. C249 change to RF 1.1pf (Earlier this part was NU-not mounted)

Above changes were made to improve Rx sensitivity and improve impedance matching with the antenna.

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DP  
1/28/14



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The detailed implementation, operation and method is explained as per operation description exhibit.

Sincerely,

A handwritten signature in black ink, appearing to read "Dion B Perkins".

Name :- Mr Dion B Perkins  
R&D Manager

Company: The Kroger Co.

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Blue Ash, OH 45242,  
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