



FCC ID: SO4ZB570-PCS-CEL  
IC ID: 5544A-ZB570PCSCEL  
CT Project: TCB-p1390008

From: Daniel Park

Date: 1/13/14

1. Within the "theory of operation" for the uplink PCS frequency range doesn't agree with other exhibit. It should be indicate as 1850-1910, but "Theory of Operation" states as 1851-1910. Could you revise the PCS uplink frequency to 1850-1910 from 1851-1910 in "Theory of Operation" please?

**Wireless Extenders – Theory of Operation has been revised**

2. The RT #16 was not completed answered. Please refer the original inquiry once more and provide all the related information. Also, I attached the RSS-131 section 6.1 in the document as below as reference.

CT - Passband ripple is not a function of gain and gain is linear across the band. An example would be an input of -40dBm will give you an output of 21dBm for a gain of 61dB, whereas input of -39dBm will give you an output of 22dBm for a gain of 61dB. Filter roll-off for analog filters is not significant enough for the 20dB point to be equal to all the listed frequencies of operation. As these devices are not active amplifiers they all output what is input from an already compliant transmitter. Industry Canada is aware of this and allows certification of these devices under this condition. Also the test report has been updated to show nominal gain is equal to the passband gain.

Response by: Wireless Extenders & Mike Graffeo

Submitted by: Amanda Reed

Date: 1/15/14