Non-Conformities FCC ID: PWO274106SB (CKC CS Ref # E07-000034-01)

1 Form 731 , item12 listed 0.151watts in the range of 940-960MHz, however the test report under 3.1033(c)(6) listed 0.166 watts in the operating range 940MHz-960MHz. Please provide correct operating power

Response: Please correct the 731 form to show 0.166 Watts.

2 Controller has an 8 MHz clock, which is not shown on the block diagram. Please provide a revised block diagram.

Response: A revised block diagram has been uploaded.

3 Blockedge plots are not included in the test report. Please show compliance to meet block edge

Response: Block edge and Intermodulation requirements are met simultaneously on the same plots. In this case, block edge emissions are met on spurious emissions data sheets.

4 The provided Antenna Conducted Emission data sets showed frequency range investigate: 30 MHz-10GHz, however the radiated spurious emission data sets shows 30kHz-10GHz. Please provide data or statements to demonstrate compliance with 2.1057 (a) requirement

Response: A revised test report has been uploaded.

5 The limit line of Intermodulation plots Page 39 -41does not provide enough detail to show compliance outside the authorized band. Please provide intermodulation plots showing compliance outside the authorized band.

The intermodulation plots contain emissions that appears to exceed an emission limit line. please clarify.

Response: The marker indicates a displayed value lower than the limit represented by the display line. See also page 38-39 of test report for tabular data demonstrating compliance to this part.

6 22.239 states the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB. Please provide justification complying to attenuation of at least 43+10Log(p) dB

Response: Part 22 report -- Since in this case, the carrier and spurious emissions are measured in peak detection mode, the calculation is as follows: P(dBW) - (43+10*log(P)) = -43dBW = 94dBuV (power into a 50 ohm measurement system)

Non-Conformities IC: 4726A-274106SB (CKC CS Ref # E07-000034-IC-01)

1 Missing statement, please provide user manual with the statements as requirement of RSS GEN 7.1.3, RSS-Gen 7.1.4

Response: This information is not needed because the EUT is not a low power device.

2 RSS 131 states a pass band gain shall not exceed the nominal gain by 1 dB. Please provide plots/data to show compliance.

Response: I do not understand the purpose of this question - the manufacturer states the gain of the amplifier is 60dB; the measured gain is 60.3. This meets the requirements of RSS-131.

3 RSS 131 Passband gain and bandwidth are defined with reference to the nominal gain of the amplifier. Please provide pass band gain plots with reference to the gain (dB) of an amplifier

Response: I do not understand the purpose of this question (see response to item 2)

4 RSS131requires gain vs frequency plot of up to at least 250% of the 20dB bandwidth. Please prove plots to satisfy the requirement

Response: The passband width was measured as 40MHz. The span used on the plots provided is 100 MHz (2.5 * 40 MHz = 100 MHz). The plots provided comply with the measurement requirements of RSS-131.