OK	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
X	1	Operation description is missing, please provide a brief description of the circuit functions of the device along with a statement describing how the device operates, is modulated and meets the requirements?	Operation description provided.	9/14/07 F-Squared Laboratories
X	2	The schematic diagram 31001302 shows crystal X2 and X2 without indication of the Clock frequency, Please provide a revised schematic showing the component value of X2 and X3.	Revised schematic with clock frequency of X2, X3 labeled.	9/14/07 F-Squared Laboratories
x	3	Original Non conformity: The Blok diagram shows the presence of PIC18F1320 which is not identified on the schematic. It appears that the pressure sensor schematics are missing. Please clarify. 9/14/07: uploaded schematic diagram, Pressure sensor 1204-503 lss 12.pdf shows a PIC16LC770, which does not provide enough detail to address the PIC18F1320 and the 8 MHz crystal in question. Please provide a schematic diagram showing the controller and crystal as identified on the block diagram. 9/20/07: uploaded schematic 31001251_b.pdf shows the device in question. However, it is labeled PIC18LF1320 which is not consistent with PIC18F1320 as indicated in the block diagram. Please provide revised Block diagram or schematic to show matching micro controller.	9/14/07, Info provide, but still insufficient. 9/20/07: additional schematic provide, however mislabeled. 9/21/07: received revised block diagram , the controller in question is now labeled as PIC18LF1320, matching the schematic diagram.	9/14/07 F-Squared Laboratories
X	4	The internal photos provided must have photos of RF circuitry with RF shielding removed. Please provide additional photograph of the last section of the RF PCB with the shield removed.	Photo of PCB without RF shield was provided	9/14/07 F-Squared Laboratories
X	5	Original : The external photo shows only one side of the product. In accordance with 2.1033, the following is required:"A sufficient number of photographs to clearly show the exterior appearance, the construction, the component placement on the chassis, and the chassis assembly. The exterior views shall show the overall appearance, the antenna used with the device (if any), the controls available to the user." Please provide additional external photos showing all side of the product.	Photo provided, showing the only bottom side of the product. 9/20/07: 8 more photos submitted showing all sides of the product.	9/14/07, 9/20/07 F-Squared Laboratories

		9/14/07: The additional data shows ONLY the bottom side of the product, please provide additional photo showing the remaining four sides of the product.		
X	6	Form 731 Item 12 states conducted power of 80 watts. It appears that this should have been 80mW, please clarify the correct listed power.	Per Karen "Form 731, Item 12 should state conducted power at 80mW / 0.080 Watts." E. Wong has updated Item 12 to reflect 0.08 W.	9/14/07 F-Squared Laboratories
X	7	Page 10 of the test report indicated the power was measured at RBW of 1 MHz, however, page 9 indicates the 6 dB BW is 1.6 MHz. Per KDB558074, power output option1 1 " Set RBW greater than 6 dB BW of the emission" Please revise test report to reflect actual RBW used. CKC CS notes figure 3 on page 22 indicates 1.7MHz RBW used.	Revised test report shows Power measured at RBW =1.7MHz.	9/18/07 F-Squared Laboratories
X	8	The report does not indicate the battery status during the test. Please provide test condition complying with 15.31(e), a fresh battery shall be used for each test.	Revised test report with the statement "Fresh Battery were used for each measurement performed"	9/18/07 F-Squared Laboratories
X	9	Page 17- 19, The reported peak limit in restricted band is confusing: in accordance with 15.31(b), *the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test. Please clarify source of peak limit and provide updated test report demonstrating compliance with this section.*	Revised test report show correct limit line IAW 15.247(d)/15.209	9/18/07 F-Squared Laboratories
X	10	Power Spectral Density, Page 37 of the test report, IAW KDB558074, the sweep time should be (span / 3kHz), Please provide calculation to demonstrate the Power Spectral Density was measured with the required sweep time.	Sample calculation provided.	9/18/07 F-Squared Laboratories
X	11	Page 13 of the test report : Please provide sample calculation to demonstrate the relationship between *Maximum peak power at antenna port 63.53 mW and use based time averaged power 0.32 mW.*	Calculation provided to show relationship between Mak Peak power and user time base power . Although the calculation contain a slight error, should be T on / (Ton + Toff) instead of Ton / Toff. But the difference is insignificant .	9/14/07 F-Squared Laboratories