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Responses to ATCB Comments:

1. Please note that the 243MHz range for locator beacons is not a frequency under FCC control as it is a military frequency. As such a grant of authorization is not possible for this frequency range. While a grant note may be included, the actual frequency is not certified for use under FCC authorization. Please remove the 243MHz from the 731 form.

RESPONSE: The 731 form has been modified and uploaded to the ATCB website.

2. Please note that the COMPAS certificate embedded in the test report does not appear to be signed (see page 53 of part 1 report). Please explain and/or please provide a signed certificate.

RESPONSE: The signed certificate has been uploaded.

3. Please overlay the mask from the associated RTCM documentation onto the spectral measurements in the report "FCC Test Report.pdf".

RESPONSE: The emission mask has been uploaded.

4. The test report "FCC Test Report.pdf" states that the device is an emergency locator beacon to locate aircraft. However, the rule part used is for Personal Locator Beacons under 95K. is intended to provide "individuals in remote areas a means to alert others of an emergency situation and to aid search and rescue personnel locate those in distress". Please explain.

RESPONSE: The device description has been modified, and the revised report has been uploaded.

5. Please note that the power out of the device is not 5W at 406.028MHz but the actual measured power is 36.3dBm or 4.63W. Please reconcile the 731 power and the measured power and please.

RESPONSE: The 731 form has been modified and uploaded.

6. Please note that 121.5MHz specifications IAW the RTCM requirements is 14 to 20dBm. Please note that the highest measured power out at this frequency is 19.5dBm but the 731 says 50mW (16.9dBm). Please also note that the manual says the power out of the device is up to 23dBm (200mW). Please reconcile the 731, test data and RTCM limits.

RESPONSE: The 731 form has been modified and uploaded, as well as an updated user's manual.

Please feel free to contact me if you have any additional questions or concerns. Thank you.

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