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American TCB

August 20, 2007

RE: FCC ID: E5MDS-MERCURY900

Attention: Doug Noble

Please find our responses to your comments on this application below:

1. Please test for Bandedge in the test report. You state that the bandwidth was increased.
Please submit Bandedge test data.

Lower bandedge data is on page 40 of 53. Upper bandedge data is on page 43 of 53. We do not state that the bandwidth was increased. In the cover letter, test data and results summary we state we are adding an additional bandwidth of 1.75. This data is for a narrower bandwidth than originally submitted. The data for the 3.5MHz bandwidth is in the original filing.

2. Please test for Spectral Power Density using the FCC guidelines for this test. Please re-test according to FCC guidelines for SPD. See attachment. Revise test report to include these tests.

Refer to pages 50 and 51 of 53 of the report for the Spectral Power Density test data. These measurements are in accordance with the procedure you highlighted.

Regards,

A handwritten signature in blue ink that reads "Dave Guidotti".

Dave Guidotti
Senior Documentation Specialist