September 26, 2008
Supplement to EMC test report (Exhibit 6A2) for Motorola portable cellular phone (FCC ID: IHDP56JX1)

Reference:
Correspondence Reference Number: IHD80831
Confirmation Number: 809040831

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MOTOROLA

Calibration

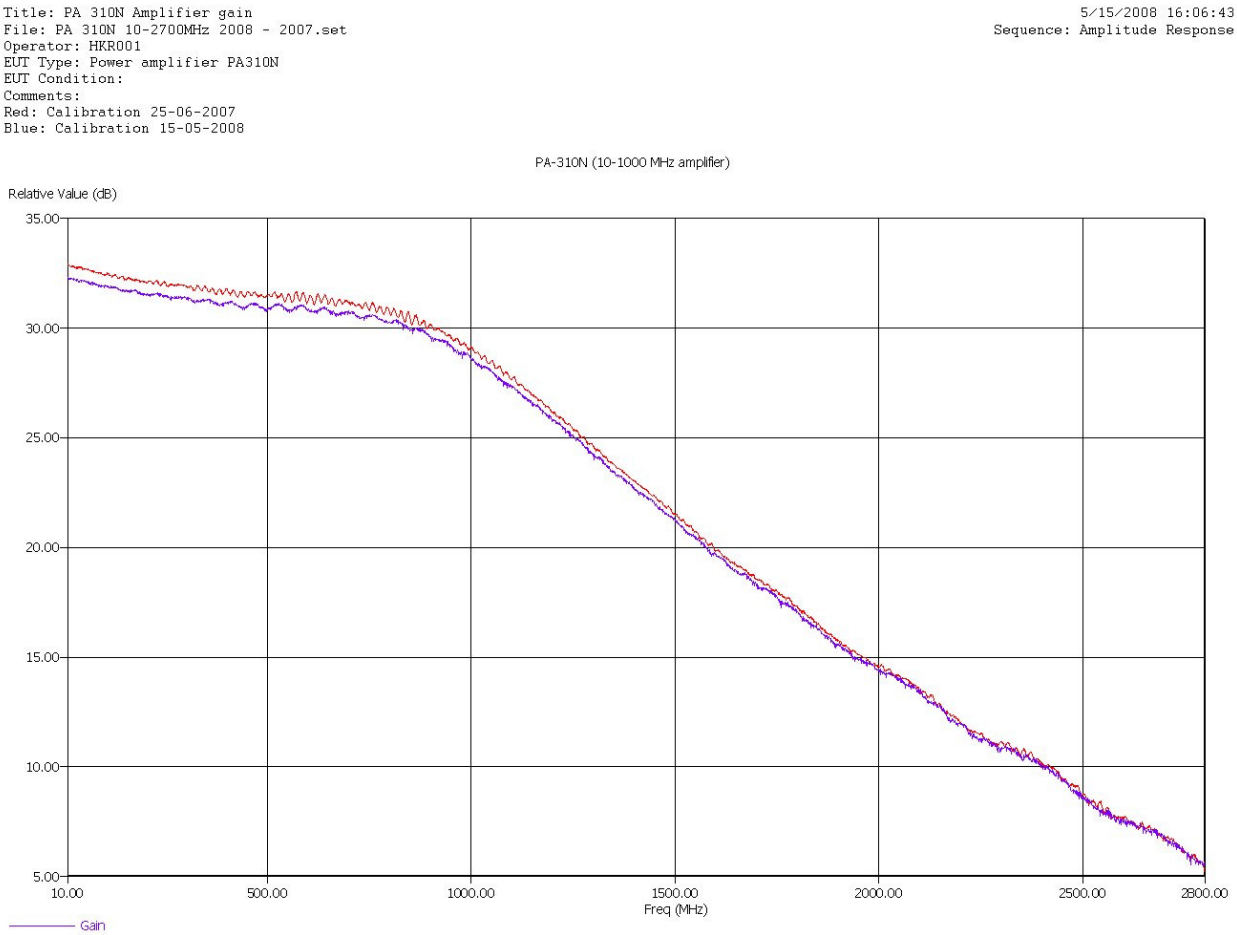
Additional information for listed question number 5:

5. Sonoma 310N Pre Amplifier is out of cal in the tests performed for this device in Test Report 22334-1 BT Radiated Report. Please address.

The Sonoma 310N Pre-amplifier is out of cal as indicated from the dates in the test report. The pre-amplifier was actually calibrated May 15-2008, but we had forgotten to include the new dataset into the test cases we use for testing. This has now been corrected.

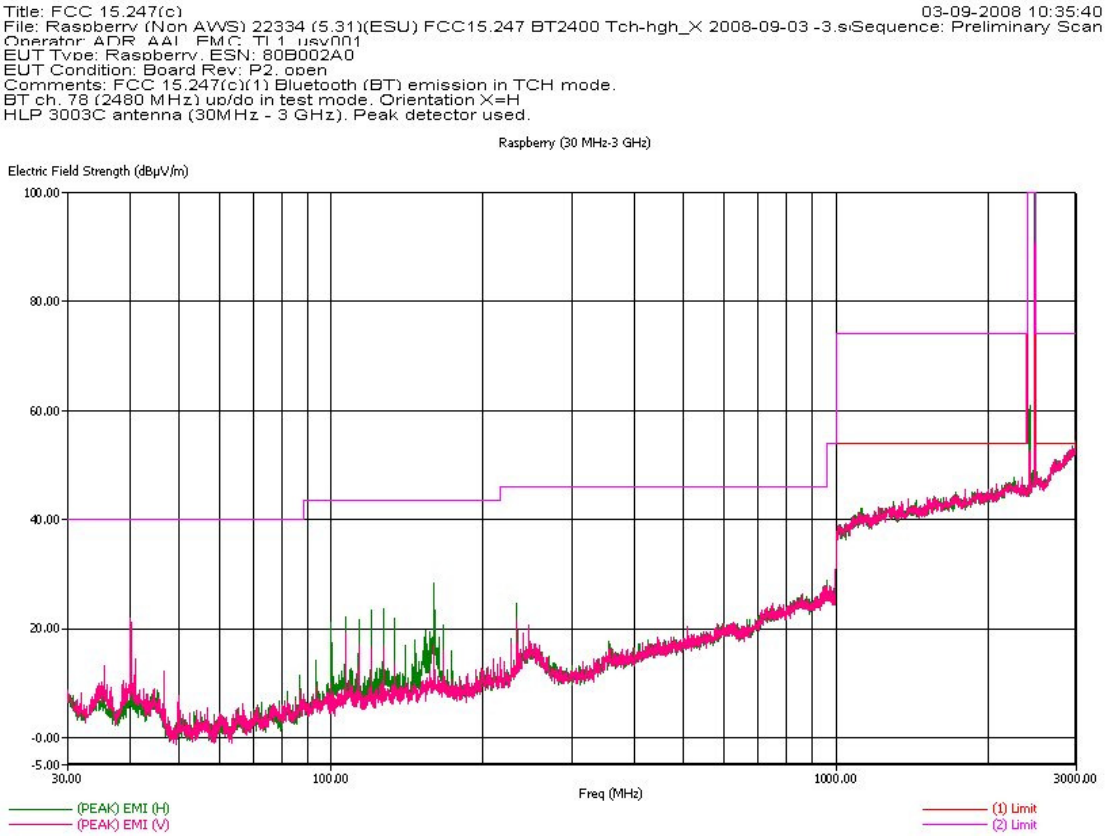
To document the situation for using the amplifier after due date we present a graph of the calibration data obtained May 15-2008, with the data from June 16-2007 cal data.

Taken from the calibration test setup:



Sonoma 310N pre-amplifier calibration graphs for 2007 and 2008

Test data taken form the test report



Sonoma 310N pre-amplifier is applied in the range from 30 MHz – 1 GHz

Conclusion

The pre-amplifier gain indicates a deviation of less than 0.5 dB over the usable range. The pre-amplifier functions as expected, also even if we have not included the new calibration data and the margin from the noise floor to the limit line is large enough, so the influence on the test results is negligible.