



**From:** Kyung-Taek LEE [SMTP:leekt@digitalemc.com]

**To:** Chris Harvey

**Cc:** Chris Harvey; MET Lab (Mrs. Marianne Bosley)

**Subject:** RE: Additional Information needed for MT#15711 FCC ID: RFLACW1XT800 --- 1/2

**Sent:** 6/29/2004 2:26 AM

**Importance:** Normal

mail: 1/2

Dear Mr. Chris Harvey,

I resend the corrected documents.

thank you.

Best Regards,  
K.T. LEE

-----Original Message-----

**From:** Kyung-Taek LEE [mailto:leekt@digitalemc.com]

**Sent:** Saturday, June 26, 2004 1:55 PM

**To:** Chris Harvey

**Subject:** RE: Additional Information needed for MT#15711 FCC ID: RFLACW1XT800

Hello,

Thank you very much for your help.

1. That's right. 0.2W RF Power is conducted and 0.682W RF power is Radiated.

I could not understand too it. so we tested our reference CDMA phone. and I confirmed our measurement is right.

I can not explain no more about this ERP data. please let me know how must I do?

2. I will record power drift of DAGY 3. -> please refer to the SAR report.

3. We received the tune-up procedure indicates control by DTMF codes from our customer. but this method is wrong. because the declination of the power is so extreme during the test. so we tested it by Base Station simulator control. --> please refer to the SAR report.

4 please refer to the corrected SAR test report.

5. We make a blunder. we recalculated the SAR data by ConvF(6.3). very sorry.

6. refer to the corrected user's manual.

7. refer to the Validation data.

Best regards,  
K.T. LEE

-----Original Message-----

**From:** Chris Harvey [mailto:Chrisharveyemc@comcast.net]

**Sent:** Friday, June 25, 2004 12:14 AM

**To:** 'Kyung-Taek LEE'

**Cc:** Marianne Bosley

**Subject:** Additional Information needed for MT#15711 FCC ID: RFLACW1XT800

KT,

I have performed the review of the above referenced application and find that the following items need to be addressed before review can continue:

1. The RF test report indicates a measured ERP of 0.682 Watts maximum, however the Operational Description specification indicates a 0.20W maximum RF power (assumed to be conducted) and a maximum antenna gain of 1 +/- 1dBi. Please explain this.
2. The SAR report RF Power Measurement column has a note stating 'always up', but does not explain what this means. Please provide the RF power measurements before and after the SAR test to be sure there is no Power Drift. The power measurements should be consistent through the SAR and RF reports and the specifications provided.
3. The SAR report indicates that the EUT was operated by Base Station simulator control, however there is no Base Station simulator listed in the test equipment list. Additionally, the tune-up procedure indicates control by DTMF codes. Please explain this discrepancy.
4. The SAR dielectric property measurement table indicates measurements were performed on April 23, 2004, and the Validation was performed on June 16, 2004 however the SAR test was performed on June 18, 2004. The dielectric properties and system check measurements must be performed on each day the SAR measurements are performed.
5. The SAR probe calibration (s/n: 1702) has ConvF factors for body 900MHz of 6.3, however the SAR plots show factors of 6.6. Please explain.
6. The Users Manual has an RF Exposure stating Body-worn information. This device is a desk/wall mount device and therefore body-worn operation is not appropriate. Please adjust this information in the manual to indicate near-body operation and specify the 2.5cm separation requirement as documented in the SAR measurements.
7. Please provide the Validation Dipole calibration information.




Additionally, please note that the E-911 requirements of 22.921 only apply to the Analog operation. Additionally the ESN requirements of 22.919 have been removed from the FCC rules. Also, 22.901 (d) does not exist any more and has been replaced with the 22-H (Pt. 22 Subpart H) designation.

Please contact me if you have any questions.

Best regards,

Chris Harvey

[charvey@ieee.org](mailto:charvey@ieee.org)

 RFLACW1XT800\_SAR Plots.pdf  RFLACW1XT800\_RE Test Report.pdf  ACW-1XT800\_User manual-revised.pdf