

Answers:

- 1) SAR report pg 7 has EIRP=107mW, EMC report has EIRP=65mW - which is correct?  
1) There is a typo in SAR report. Page 7 should read: Max. EIRP = 18.16 dBm / 0.065 Watts.
- 2) How is SAR dipole target value obtained? Please submit lab or vendor cal. or characterization certificate.  
2) The SAR dipole target value and the test procedure we used are from IEEE 1528 sections 8.1 to 8.3. The dipole calibration documents SN0016\_2450 and SN0016\_1900 are attached to this e-mail. The physical dimensions and the return loss of the dipole were also verified by Cetecom Inc.
- 3) SAR report pg 27 says conducted power test not possible; whereas EMC test setup photo seems to show RF cable connected to PCMCIA card. Please explain.  
3) The device used for EMC had a modified cover which allowed an specific RF connection. The device used for SAR was unmodified, since the device should be tested with its embedded antenna, no RF conducted connection was available.
- 4) Users manual refers to Dell 1180 internal card - does not seem correct. Please submit complete applicable users manual for PCMCIA card.  
4) The users manual submitted was an example. The final users manual will be sent when completed. The final users manual will include the statements mentioned in the attestation letter that was included in the submittal.
- 5) FYI in future filings bystander position #2 probably not needed.
- 5) Thank you for the information.
- 6) How many slots, which slot has card, and what is distance from bottom of slot to bottom of host notebook in SAR setup?  
6) There were two PCMCIA slots. The distance from the bottom of the lower PCMCIA slot to the bottom of the PC was 9mm. The card was in the lower slot during the SAR measurements performed on 10/07/02. The setup photos used in the report were from the testing performed on 08/01/02. At that time the card was also put in the upper slot, however we mistakenly didn't change the test set up photo.
- 7) Any explanations why SAR probe Y-channel liquid factor differs from X,Z?  
7) The factors listed are correct. The calibration procedure performed by Indexsar is described in Appendix C of the SAR test report. During this procedure the probe factors in air are first determined. These air factors are identical for x, y & z. The liquid factors are then determined. These liquid factors are different for x, y & z. Indexsar probes are characterised using procedures that, where applicable, follow the recommendations of CENELEC and IEEE standards.