

## SAR DATA SUMMARY (Retest of Worst-Case Configuration)

Mixture Type: 5300MHz Muscle

| MEASUREMENT RESULTS (OFDM Body SAR) – Host #1 (SONY PCG-N505VE)                                   |     |            |                                |       |               |                                                   |         |            |
|---------------------------------------------------------------------------------------------------|-----|------------|--------------------------------|-------|---------------|---------------------------------------------------|---------|------------|
| FREQUENCY                                                                                         |     | Modulation | Begin / End POWER <sup>†</sup> |       | Test Position | Separation Distance (mm)                          | Antenna | SAR (W/kg) |
| MHz                                                                                               | Ch. |            | (dBm)                          |       |               |                                                   |         |            |
| 5180                                                                                              | 36  | OFDM       | 12.21                          | 12.20 | Lap Top       | 3                                                 | A       | 0.48       |
| 5180                                                                                              | 36  | OFDM       | 12.22                          | 12.21 | Lap Top       | 3                                                 | B       | 1.13       |
| 5240                                                                                              | 48  | OFDM       | 12.89                          | 12.91 | Lap Top       | 3                                                 | A       | 0.37       |
| 5240                                                                                              | 48  | OFDM       | 12.90                          | 12.90 | Lap Top       | 3                                                 | B       | 1.17       |
| 5320                                                                                              | 64  | OFDM       | 13.00                          | 12.99 | Lap Top       | 3                                                 | A       | 0.42       |
| 5320                                                                                              | 64  | OFDM       | 13.00                          | 13.00 | Lap Top       | 3                                                 | B       | 1.31       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |            |                                |       |               | Muscle<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |         |            |

### NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001] and Public Notice DA 02-2138.
  - All modes of operation were investigated, and worst-case results are reported. Data Transfer Rate is at 54 MBps.
  - Battery is fully charged for all readings.
- \*Power Measured
- |                                               |                                                  |                                     |
|-----------------------------------------------|--------------------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> Conducted | <input type="checkbox"/> ERP                     | <input type="checkbox"/> EIRP       |
| <input type="checkbox"/> DASY3                | <input checked="" type="checkbox"/> IDX          | <input type="checkbox"/>            |
| <input type="checkbox"/> Left Head            | <input checked="" type="checkbox"/> Flat Phantom | <input type="checkbox"/> Right Head |
| <input type="checkbox"/> Head                 | <input checked="" type="checkbox"/> Body         | <input type="checkbox"/> Hand       |
| <input checked="" type="checkbox"/> Software  | <input type="checkbox"/> Base Station Simulator  |                                     |
- SAR Measurement System
  - Phantom Configuration
  - SAR Configuration
  - Test Signal Call Mode
  - Tissue parameters and temperatures are listed on the SAR plots.
  - Liquid tissue depth is 15 cm. ± 0.1



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**Figure 1**  
**Body SAR Test Setup**