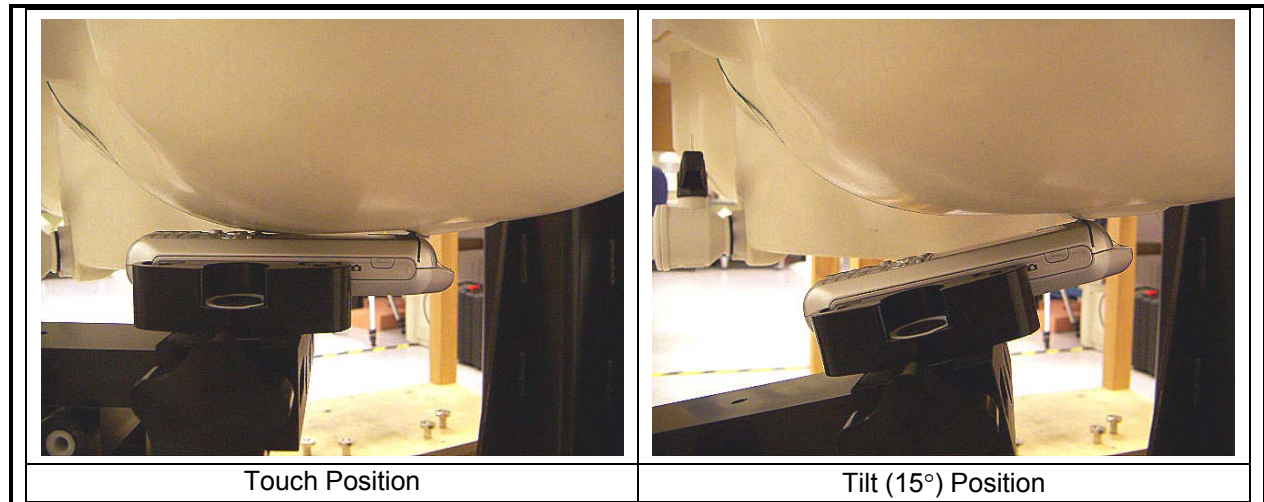


14 SAR MEASUREMENT RESULT (GSM835)

14.1 Left Hand Side

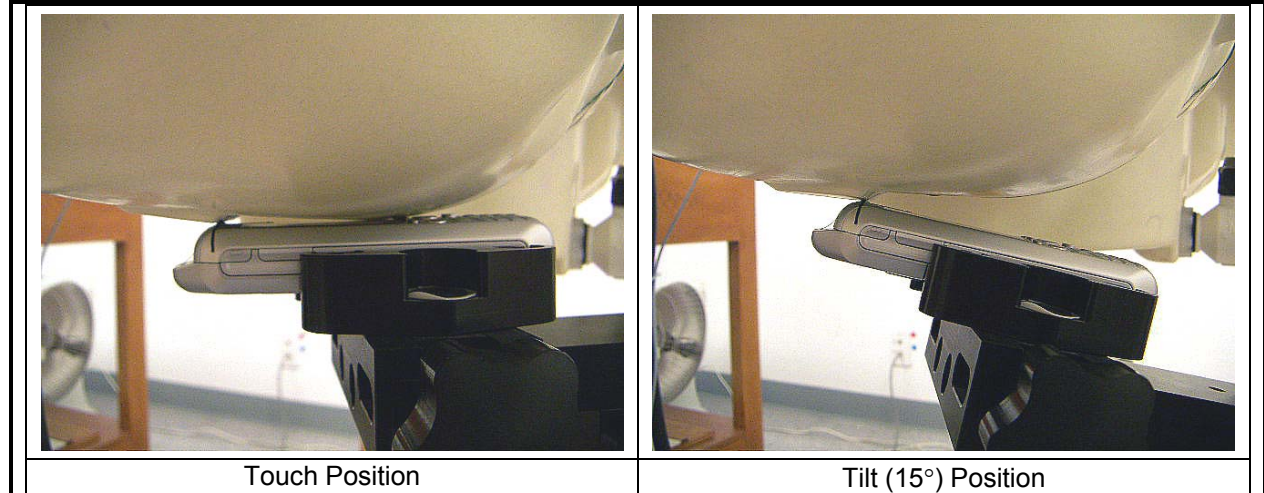


| GSM850 (duty cycle:12.5%) | | | | | | |
|----------------------------------|---------|---------|-----------|-------------|--------------|--------------|
| Test Position | Channel | f (MHz) | Measured | Power Drift | Extrapolated | Limit (mW/g) |
| | | | 1g (mW/g) | (dBm) | 1g (mW/g) | |
| Touch | 128 | 824.2 | | | | |
| Touch | 190 | 836.6 | 0.483 | -0.052 | 0.489 | 1.6 |
| Touch | 251 | 848.8 | | | | |
| Tilt | 128 | 824.2 | | | | |
| Tilt | 190 | 836.6 | 0.233 | -0.036 | 0.235 | 1.6 |
| Tilt | 251 | 848.8 | | | | |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 4) Please see attachment for the detailed measurement data and plots.

14.2 Right Hand Side

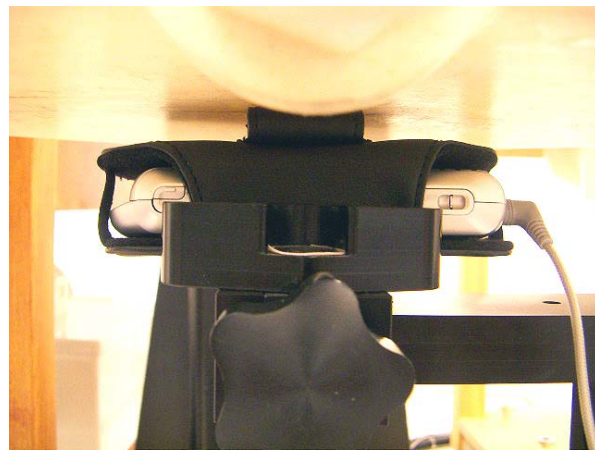


| GSM850 (duty cycle: 12.5%) | | | | | | |
|----------------------------|-------------------|---------|-----------|-------------|--------------|--------------|
| Test Position | Channel | f (MHz) | Measured | Power Drift | Extrapolated | Limit (mW/g) |
| | | | 1g (mW/g) | (dBm) | 1g (mW/g) | |
| Touch | 128 | 824.2 | 0.590 | -0.010 | 0.591 | 1.6 |
| Touch | 128 ¹⁾ | 824.2 | 0.520 | -0.026 | 0.523 | 1.6 |
| Touch | 190 | 836.6 | 0.500 | -0.062 | 0.507 | 1.6 |
| Touch | 251 | 848.8 | 0.457 | -0.017 | 0.459 | 1.6 |
| Tilt | 128 | 824.2 | | | | |
| Tilt | 190 | 836.6 | 0.251 | -0.113 | 0.258 | 1.6 |
| Tilt | 251 | 848.8 | | | | |

Notes:

- 1) Co-located SAR measurement result with the GSM and WiFi 802.11b radio. (Transmitting simultaneously)
- 2) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 3) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 5) Please see attachment for the detailed measurement data and plots.

14.3 Body Worn Front Side

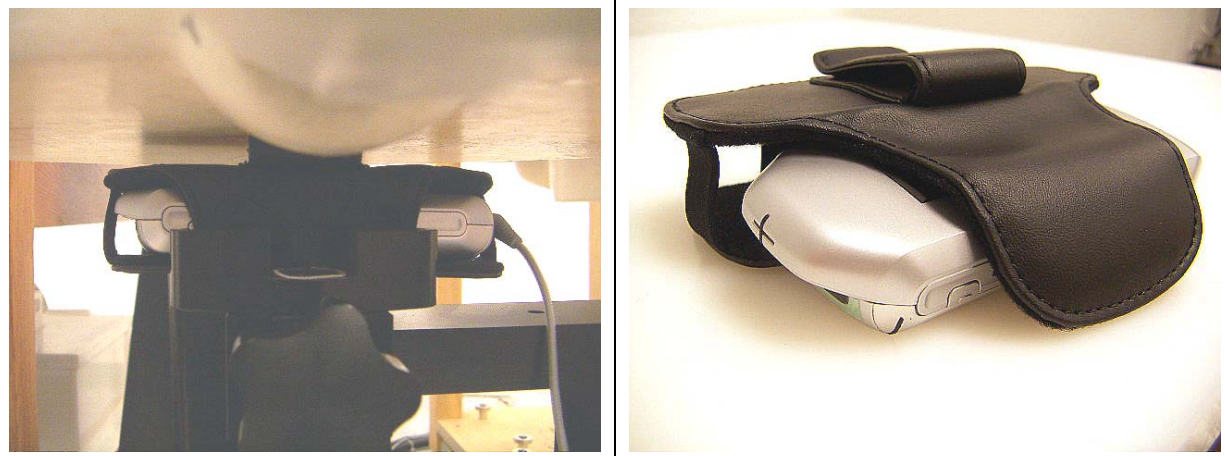


| GSM850 GSM only (duty cycle: 12.5%) | | | | | | |
|--|---------|---------|--------------------|-------------------|------------------------|--------------|
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 128 | 824.2 | | | | |
| 18_w/Holster | 190 | 836.6 | 0.137 | -0.029 | 0.138 | 1.6 |
| 18_w/Holster | 251 | 848.8 | | | | |
| GSM850 GSM+GPRS (duty cycle: 25%) | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 128 | 824.2 | | | | |
| 18_w/Holster | 190 | 836.6 | 0.499 | -0.135 | 0.515 | 1.6 |
| 18_w/Holster | 251 | 848.8 | | | | |
| GSM850 GSM+EGPRS (duty cycle: 25%) | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 128 | 824.2 | | | | |
| 18_w/Holster | 190 | 836.6 | 0.150 | -0.046 | 0.152 | 1.6 |
| 18_w/Holster | 251 | 848.8 | | | | |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
- 4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 5) Please see attachment for the detailed measurement data and plots.

14.4 Body Worn Back Side



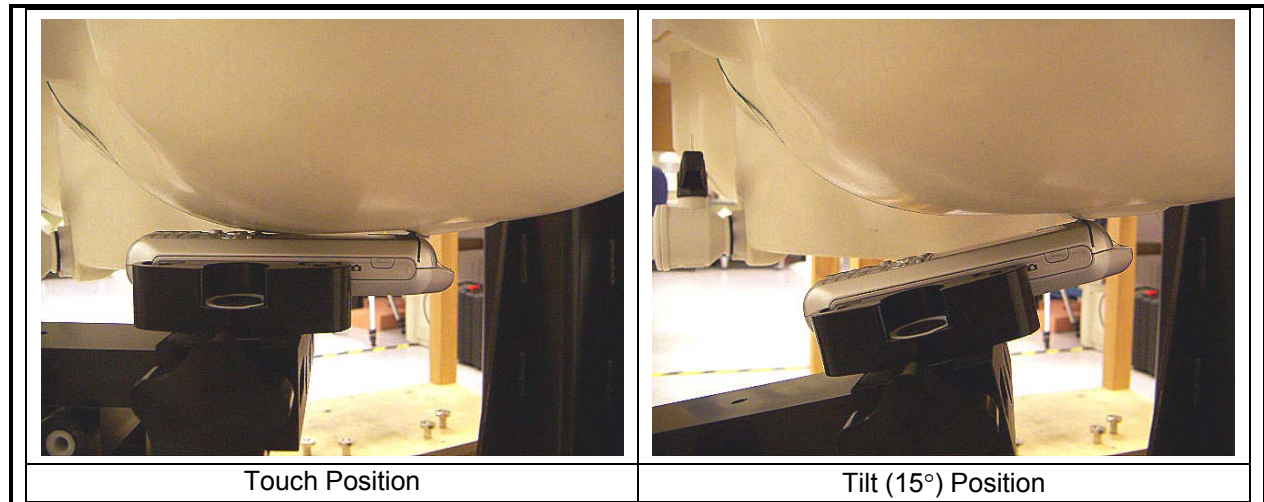
| GSM850 GSM only (duty cycle: 12.5%) | | | | | | |
|--|-------------------|---------|--------------------|-------------------|------------------------|--------------|
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 128 | 824.2 | 0.508 | -0.070 | 0.516 | 1.6 |
| 18_w/Holster | 190 | 836.6 | 0.496 | -0.040 | 0.501 | 1.6 |
| 18_w/Holster | 251 | 848.8 | 0.514 | -0.043 | 0.519 | 1.6 |
| GSM850 GSM+GPRS (duty cycle: 25%) | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 128 | 824.2 | 0.938 | -0.042 | 0.947 | 1.6 |
| 18_w/Holster | 190 | 836.6 | 0.915 | -0.108 | 0.938 | 1.6 |
| 18_w/Holster | 251 | 848.8 | 0.941 | -0.062 | 0.955 | 1.6 |
| 18_w/Holster | 251 ¹⁾ | 848.8 | 0.930 | -0.105 | 0.953 | 1.6 |
| GSM850 GSM+EGPRS (duty cycle: 25%) | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 128 | 824.2 | 0.272 | -0.019 | 0.273 | 1.6 |
| 18_w/Holster | 190 | 836.6 | 0.269 | -0.001 | 0.269 | 1.6 |

Notes:

- 1) Co-located SAR measurement result with the GPRS and WiFi 802.11b radio. (Transmitting simultaneously)
- 2) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 3) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 4) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
- 5) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 6) Please see attachment for the detailed measurement data and plots.

15 SAR MEASUREMENT RESULT (GSM1900)

15.1 Left Hand Side

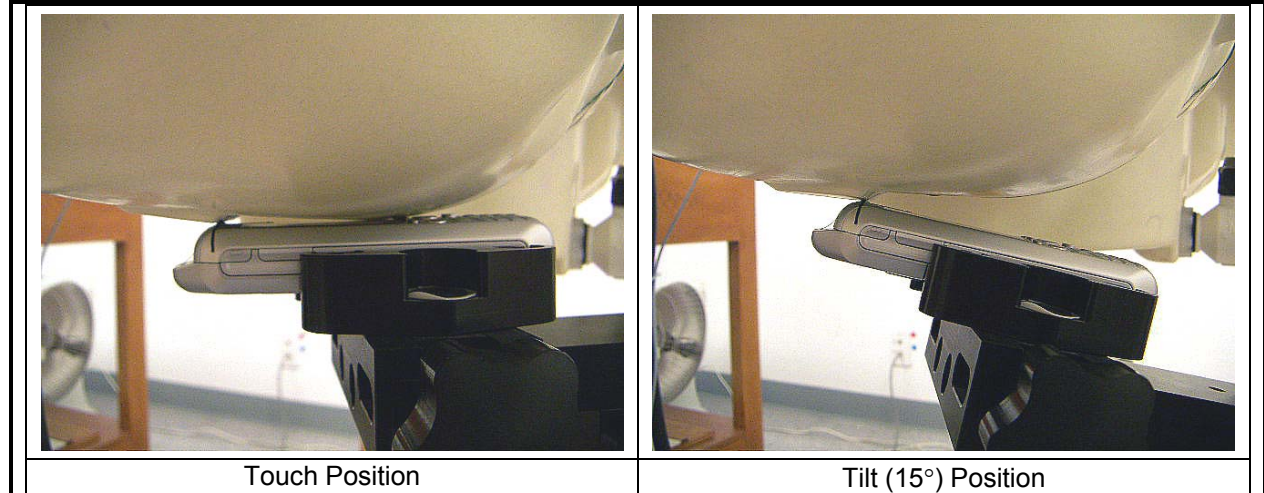


| GSM1900 (duty cycle:12.5%) | | | | | | |
|-----------------------------------|---------|---------|-----------|-------------|--------------|--------------|
| Test Position | Channel | f (MHz) | Measured | Power Drift | Extrapolated | Limit (mW/g) |
| | | | 1g (mW/g) | (dBm) | 1g (mW/g) | |
| Touch | 512 | 1850.20 | | | | |
| Touch | 661 | 1880.00 | 0.491 | -0.076 | 0.500 | 1.6 |
| Touch | 810 | 1909.80 | | | | |
| Tilt | 512 | 1850.20 | | | | |
| Tilt | 661 | 1880.00 | 0.637 | -0.079 | 0.649 | 1.6 |
| Tilt | 810 | 1909.80 | | | | |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 4) Please see attachment for the detailed measurement data and plots.

15.2 Right Hand Side

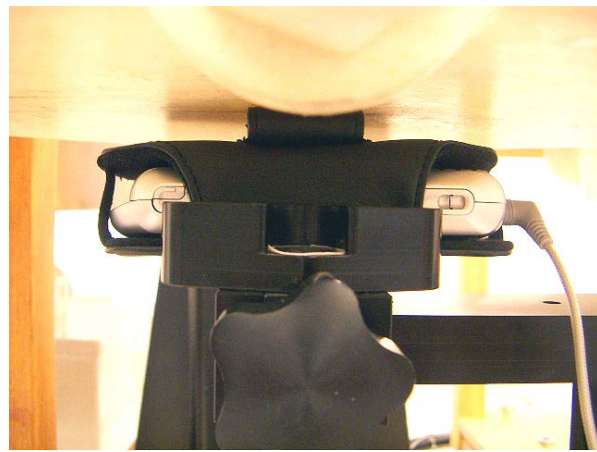


| GSM1900 (duty cycle:12.5%) | | | | | | |
|-----------------------------------|-------------------|---------|-----------|-------------|--------------|--------------|
| Test Position | Channel | f (MHz) | Measured | Power Drift | Extrapolated | Limit (mW/g) |
| | | | 1g (mW/g) | (dBm) | 1g (mW/g) | |
| Touch | 512 | 1850.20 | | | | |
| Touch | 661 | 1880.00 | 0.619 | -0.024 | 0.622 | 1.6 |
| Touch | 810 | 1909.80 | | | | |
| Tilt | 512 | 1850.20 | 0.798 | -0.020 | 0.802 | 1.6 |
| Tilt | 661 | 1880.00 | 0.786 | -0.030 | 0.791 | 1.6 |
| Tilt | 810 | 1909.80 | 0.826 | -0.016 | 0.829 | 1.6 |
| Tilt | 810 ¹⁾ | 1909.80 | 0.791 | -0.020 | 0.795 | 1.6 |

Notes:

- 1) Co-located SAR measurement result with the GSM and WiFi 802.11b radio. (Transmitting simultaneously)
- 2) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 3) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 5) Please see attachment for the detailed measurement data and plots.

15.3 Body Worn Front Side

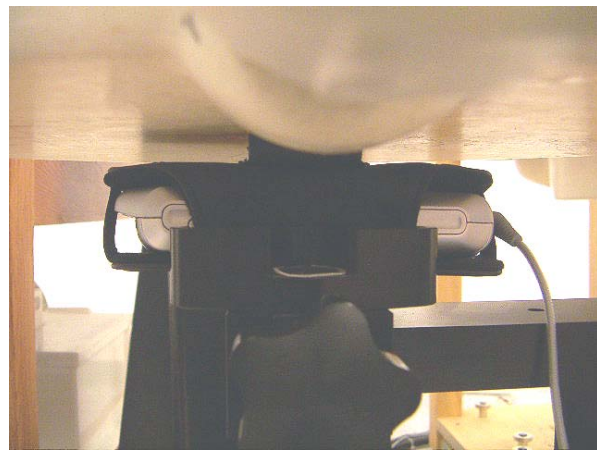


| GSM1900 GSM only (duty cycle: 12.5%) | | | | | | |
|---|---------|---------|--------------------|-------------------|------------------------|--------------|
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 512 | 1850.20 | | | | |
| 18_w/Holster | 661 | 1880.00 | 0.170 | -0.180 | 0.177 | 1.6 |
| 18_w/Holster | 810 | 1909.80 | | | | |
| GSM1900 GSM+GPRS (duty cycle: 25%) | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 512 | 1850.20 | | | | |
| 18_w/Holster | 661 | 1880.00 | 0.292 | -0.071 | 0.297 | 1.6 |
| 18_w/Holster | 810 | 1909.80 | | | | |
| GSM1900 GSM+EGPRS (duty cycle: 25%) | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 512 | 1850.20 | | | | |
| 18_w/Holster | 661 | 1880.00 | 0.127 | -0.123 | 0.131 | 1.6 |
| 18_w/Holster | 810 | 1909.80 | | | | |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
- 4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 5) Please see attachment for the detailed measurement data and plots.

15.4 Body Worn Back Side



GSM1900 GSM only (duty cycle: 12.5%)

| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
|---------------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| 18_w/Holster | 512 | 1850.20 | 0.497 | -0.003 | 0.497 | 1.6 |
| 18_w/Holster | 661 | 1880.00 | 0.479 | -0.078 | 0.488 | 1.6 |
| 18_w/Holster | 810 | 1909.80 | 0.468 | -0.110 | 0.480 | 1.6 |

GSM1900 GSM+GPRS (duty cycle: 25%)

| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
|---------------------------|-------------------|---------|--------------------|-------------------|------------------------|--------------|
| 18_w/Holster | 512 | 1850.20 | 0.968 | -0.044 | 0.978 | 1.6 |
| 18_w/Holster | 661 | 1880.00 | 0.922 | -0.067 | 0.936 | 1.6 |
| 18_w/Holster | 810 | 1909.80 | 0.871 | -0.083 | 0.888 | 1.6 |
| 18_w/Holster | 810 ¹⁾ | 1909.80 | 0.775 | -0.188 | 0.809 | 1.6 |

GSM1900 GSM+EGPRS (duty cycle: 25%)



| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
|---------------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| 18_w/Holster | 512 | 1850.20 | 0.438 | -0.056 | 0.444 | 1.6 |
| 18_w/Holster | 661 | 1880.00 | 0.413 | -0.071 | 0.420 | 1.6 |

Notes:


- 1) Co-located SAR measurement result with the GPRS and WiFi 802.11b radio. (Transmitting simultaneously)
- 2) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 3) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 4) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
- 5) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 6) Please see attachment for the detailed measurement data and plots.

16 SAR MEASUREMENT RESULT (WIFI AND BLUETOOTH)


16.1 Left Hand Side

|  |  | | | | | |
|---|--|---------|--------------------|-------------------|------------------------|--------------|
| Touch Position | Tilt (15°) Position | | | | | |
| 802.11b (duty cycle: 100%) | | | | | | |
| Test Position | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| Touch | 1 | 2412 | 0.039 | -0.054 | 0.039 | 1.6 |
| Touch | 6 | 2437 | | | | |
| Touch | 11 | 2462 | | | | |
| Tilt | 1 | 2412 | 0.037 | -0.012 | 0.037 | 1.6 |
| Tilt | 6 | 2437 | | | | |
| Tilt | 11 | 2462 | | | | |
| Bluetooth | | | | | | |
| Test Position | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| Touch | 0 | 2402 | 0.00358 | -0.142 | 0.00370 | 1.6 |
| Tilt | 0 | 2402 | 0.00338 | -0.141 | 0.00349 | 1.6 |
| Notes: | | | | | | |
| 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process. | | | | | | |
| 2) The SAR measured at the low channel (highest conducted power) for this configuration is at least 3 dB lower than SAR limit, testing at middle & high channel is optional. | | | | | | |
| 3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements. | | | | | | |
| 4) Please see attachment for the detailed measurement data and plots. | | | | | | |

16.2 Right Hand Side



Touch Position



Tilt (15°) Position

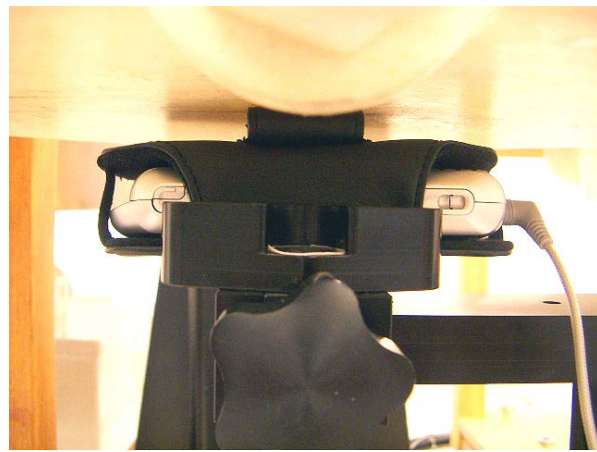
| 802.11b (duty cycle: 100%) | | | | | | |
|-----------------------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| Test Position | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| Touch | 1 | 2412 | 0.055 | -0.195 | 0.058 | 1.6 |
| Touch | 6 | 2437 | | | | |
| Touch | 11 | 2462 | | | | |
| Tilt | 1 | 2412 | 0.054 | -0.085 | 0.0551 | 1.6 |
| Tilt | 6 | 2437 | | | | |
| Tilt | 11 | 2462 | | | | |

| Bluetooth | | | | | | |
|------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| Test Position | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| Touch | 0 | 2402 | 0.00197 | -0.078 | 0.00201 | 1.6 |
| Tilt | 0 | 2402 | 0.00178 | -0.190 | 0.00186 | 1.6 |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 4) Please see attachment for the detailed measurement data and plots.

16.3 Body Worn Front side

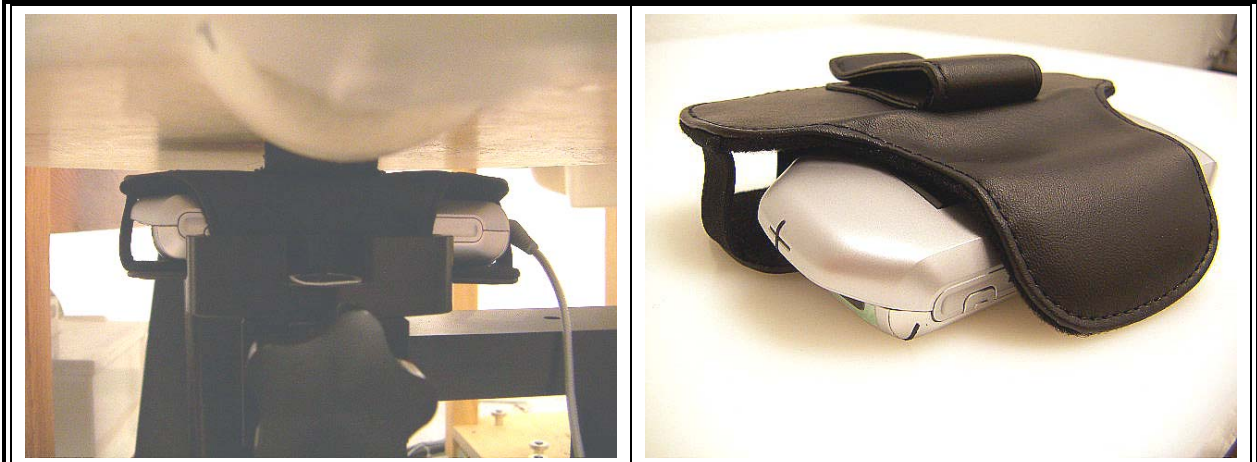


| 802.11b (duty cycle: 100%) | | | | | | |
|-----------------------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 1 | 2412 | | | | |
| 18_w/Holster | 6 | 2437 | 0.00372 | -0.189 | 0.00389 | 1.6 |
| 18_w/Holster | 11 | 2462 | | | | |
| Bluetooth | | | | | | |
| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
| 18_w/Holster | 0 | 2402 | | | | |
| 18_w/Holster | 39 | 2441 | 0.000 | 0.000 | 0.000 | 1.6 |
| 18_w/Holster | 78 | 2480 | | | | |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
- 4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 5) Please see attachment for the detailed measurement data and plots.

16.4 Body Worn Back side



802.11b (duty cycle: 100%)

| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
|---------------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| 18_w/Holster | 1 | 2412 | 0.052 | -0.164 | 0.054 | |
| 18_w/Holster | 6 | 2437 | 0.028 | -0.102 | 0.029 | 1.6 |
| 18_w/Holster | 11 | 2462 | 0.026 | -0.128 | 0.027 | |

Bluetooth

| Separation. distance (mm) | Channel | f (MHz) | Measured 1g (mW/g) | Power Drift (dBm) | Extrapolated 1g (mW/g) | Limit (mW/g) |
|---------------------------|---------|---------|--------------------|-------------------|------------------------|--------------|
| 18_w/Holster | 0 | 2402 | | | | |
| 18_w/Holster | 39 | 2441 | 0.000 | 0.000 | 0.000 | 1.6 |
| 18_w/Holster | 78 | 2480 | | | | |

Notes:

- 1) The exact method of extrapolation is $measured\ SAR \times 10^{(-drift/10)}$. The SAR reported at the end of the measurement process by the DASY4 measurement system can be scaled up by the measured drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at low & high channel is optional.
- 3) The earphone wire connected to the EUT to simulate hand-free operation in a body worn configuration.
- 4) The battery was fully charged in accordance with manufacture's instructions prior to SAR measurements.
- 5) Please see attachment for the detailed measurement data and plots.