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Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2017

**GSM 850 -Left Head Cheek Middle CH190****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.13, 9.13, 9.13); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GSM 850/Left Head Cheek Middle CH190/Area Scan (9x11x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.366 W/kg

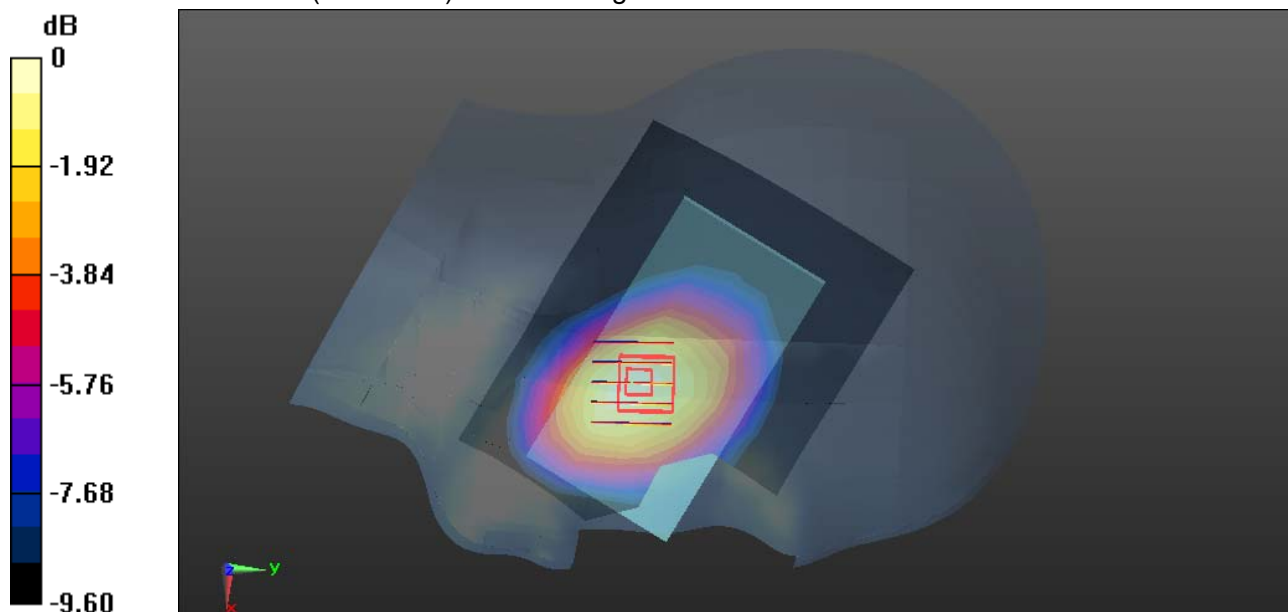
**GSM 850/Left Head Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.445 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.413 W/kg

**SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.238 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2017

**GSM 1900-Left Head Cheek Low CH512****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.374$  S/m;  $\epsilon_r = 39.573$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.63, 7.63, 7.63); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GSM 1900/Left Head Cheek Low CH512/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.841 W/kg

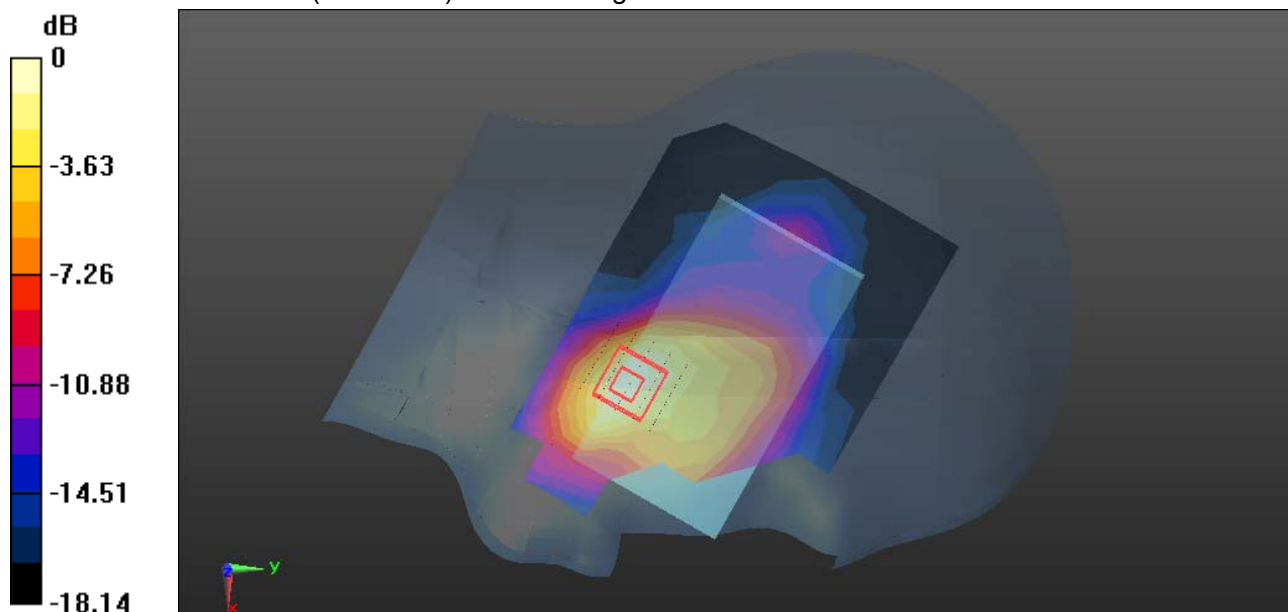
**GSM 1900/Left Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.064 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.322 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.795 W/kg = -1.00 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2017

**WCDMA Band II-Left Head Cheek Middle CH9400****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  S/m;  $\epsilon_r = 39.467$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.63, 7.63, 7.63); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band II/Left Head Cheek Middle CH9400/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.17 W/kg

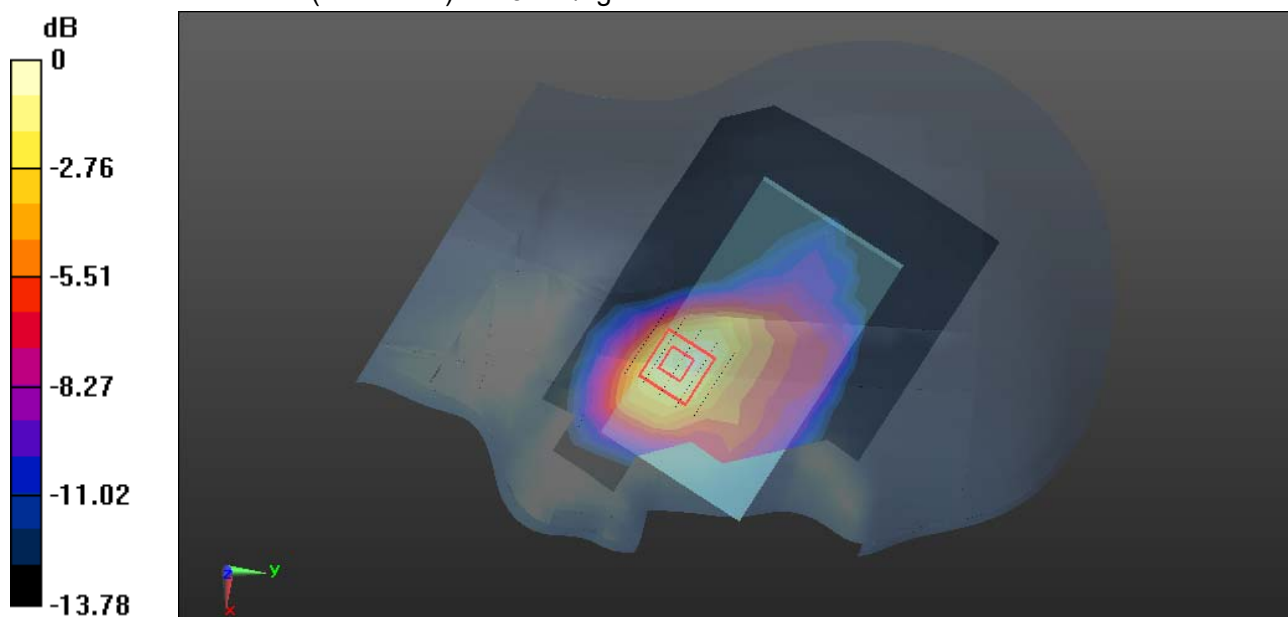
**WCDMA Band II/Left Head Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.67 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2017

**WCDMA Band V-Right Head Cheek High CH4233****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 41.539$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.13, 9.13, 9.13); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band V/Right Head Cheek High CH4233/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.307 W/kg

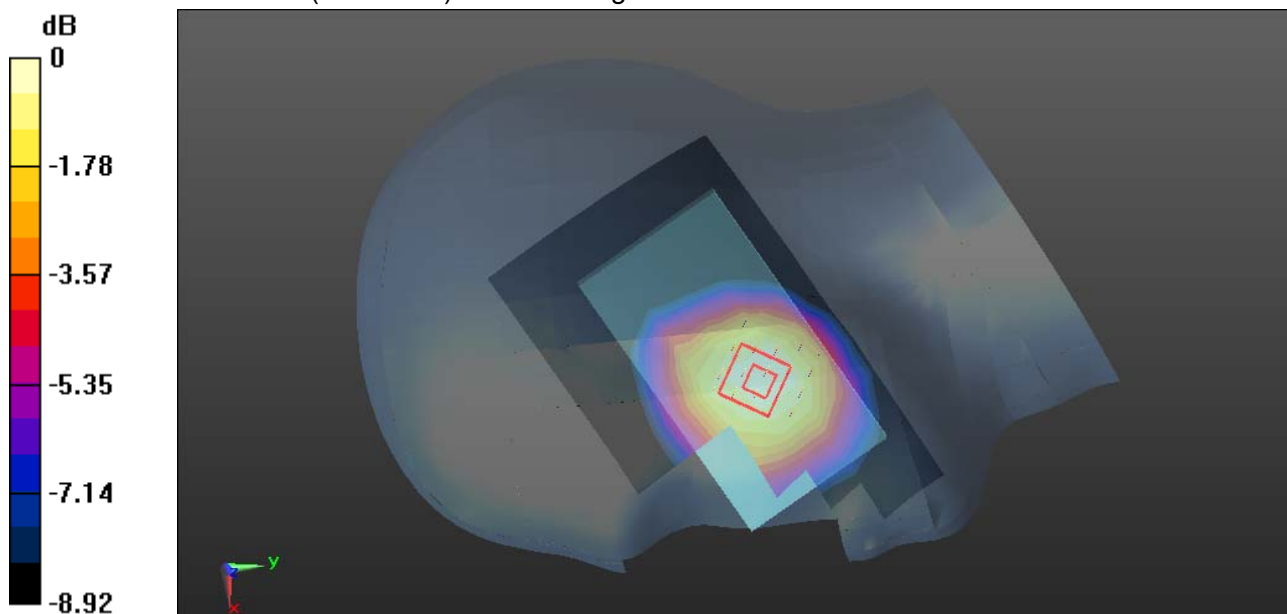
**WCDMA Band V/Right Head Cheek High CH4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.112 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.347 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.234 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.324 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 7/20/2017

**WiFi-Right Head Cheek High CH11****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;  
Frequency: 2462 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.835$  S/m;  $\epsilon_r = 37.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.97, 6.97, 6.97); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Cheek High CH11/Area Scan (10x11x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.13 W/kg

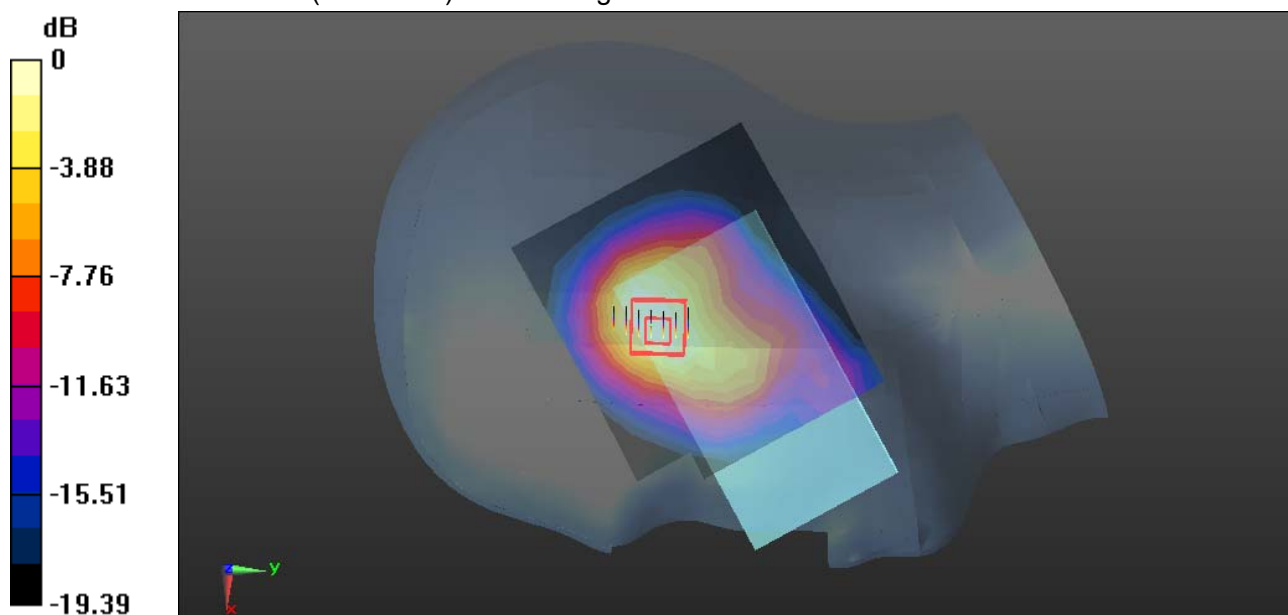
**WiFi/Cheek High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.37 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2017

**GPRS 850-Body Rear Low CH128****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 55.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.87, 8.87, 8.87); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 850/Body Rear Low CH128/Area Scan (13x8x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.09 W/kg

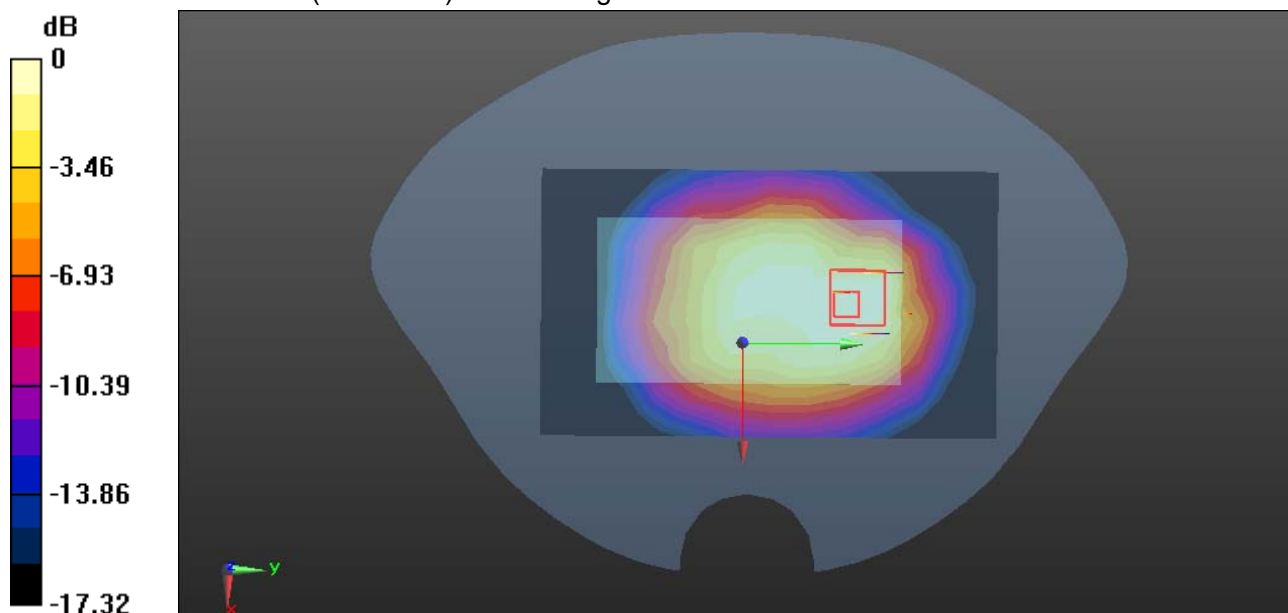
**GPRS 850/Body Rear Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.91 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.846 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2017

**GPRS 1900-Body Rear Middle CH661****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.545$  S/m;  $\epsilon_r = 52.503$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 1900/Body Rear Middle CH661/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 W/kg

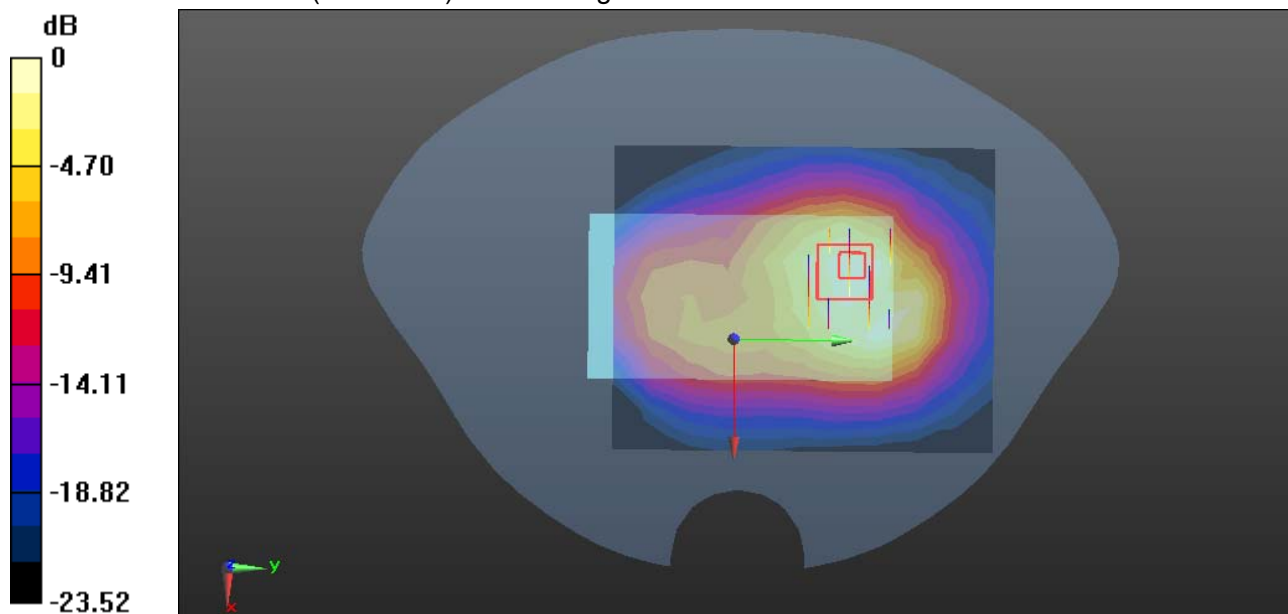
**GPRS 1900/Body Rear Middle CH661/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.85 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.36 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.563 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2017

**WCDMA Band II-Body Rear High CH9538****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.57$  S/m;  $\epsilon_r = 52.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band II/Body Rear High CH9538/Area Scan (12x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.72 W/kg

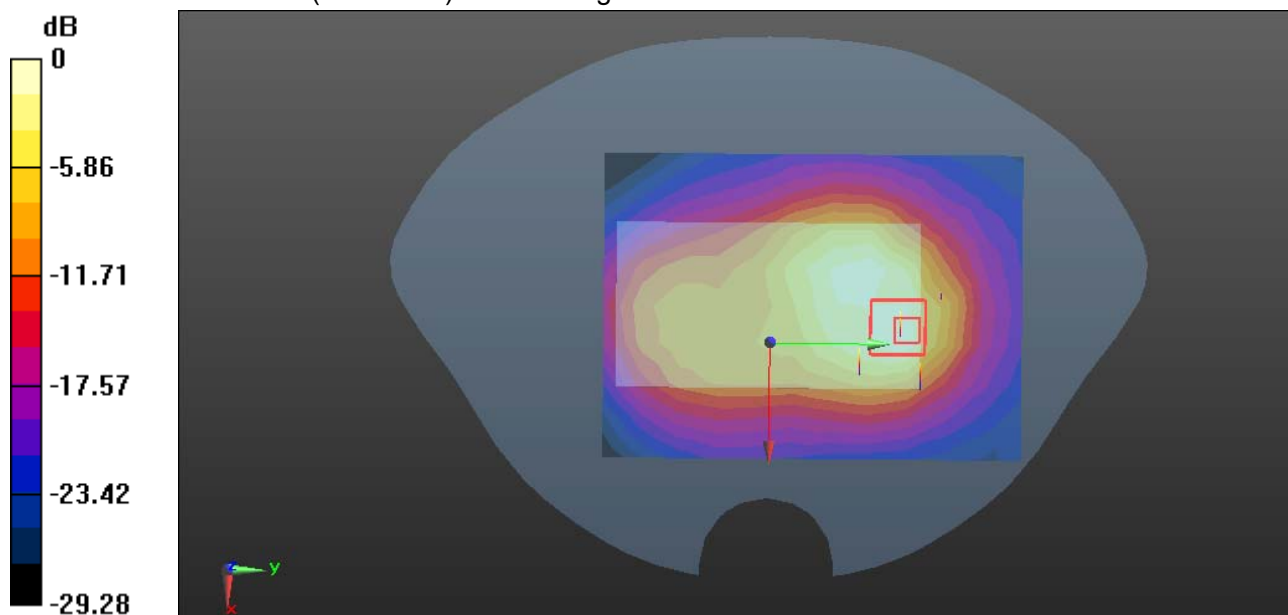
**WCDMA Band II/Body Rear High CH9538/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.63 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.57 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.627 W/kg**

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 3.00 W/kg = 4.77 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2017

**WCDMA Band V-Body Rear Middle CH4182**

**DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 55.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.87, 8.87, 8.87); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band V/Body Rear Middle CH4182/Area Scan (12x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.15 W/kg

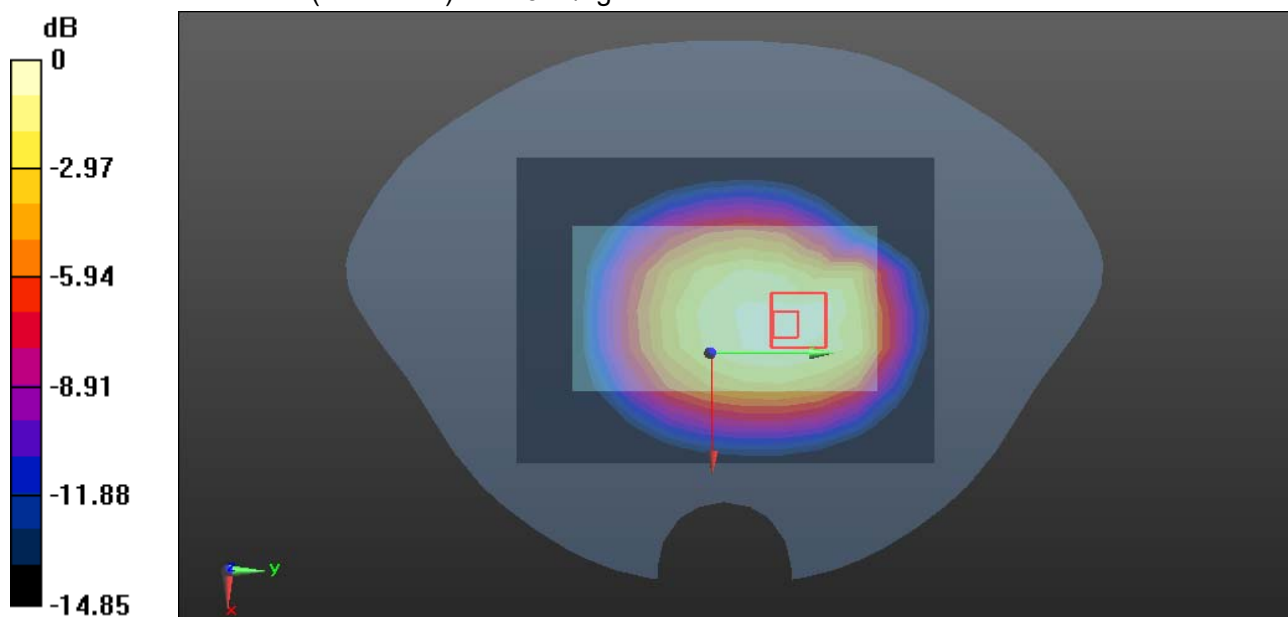
**WCDMA Band V/Body Rear Middle CH4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.10 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.601 W/kg**

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/20/2017

**WiFi-Body Rear High CH11****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;  
Frequency: 2462 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.963$  S/m;  $\epsilon_r = 51.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Rear High CH11/Area Scan (11x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.812 W/kg

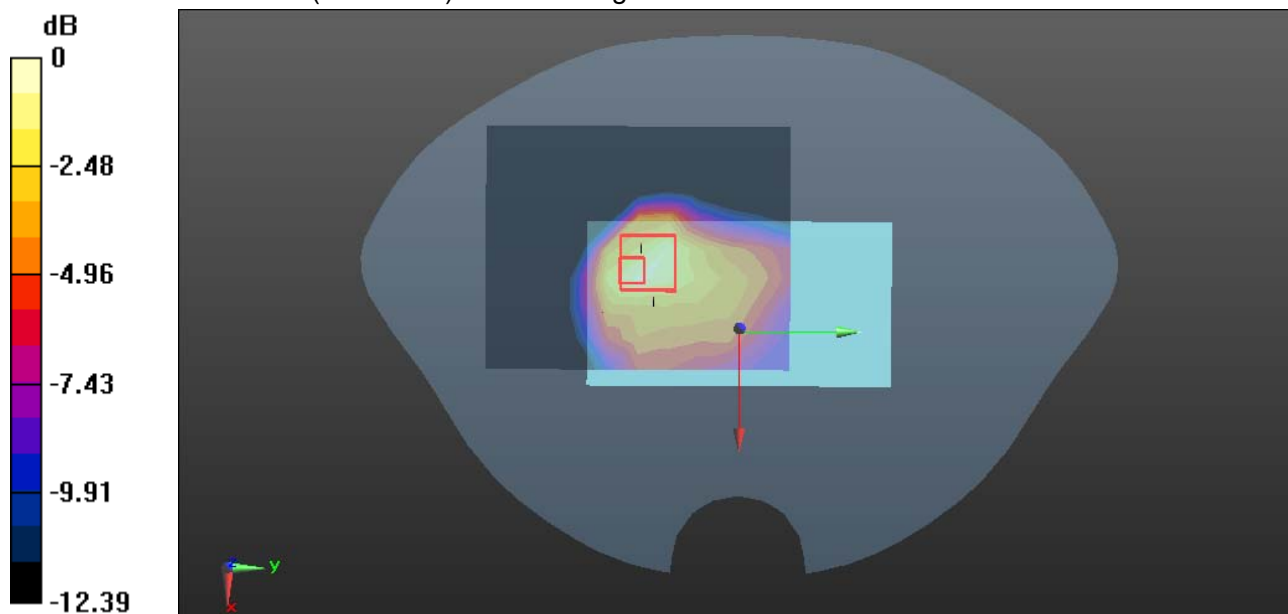
**WiFi/Rear High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.29 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.249 W/kg**

Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg = -0.63 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2017

**GPRS 850-Body hotspot Rear High CH251****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.971$  S/m;  $\epsilon_r = 55.145$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.87, 8.87, 8.87); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 850/Body Rear High CH251/Area Scan (13x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.712 W/kg

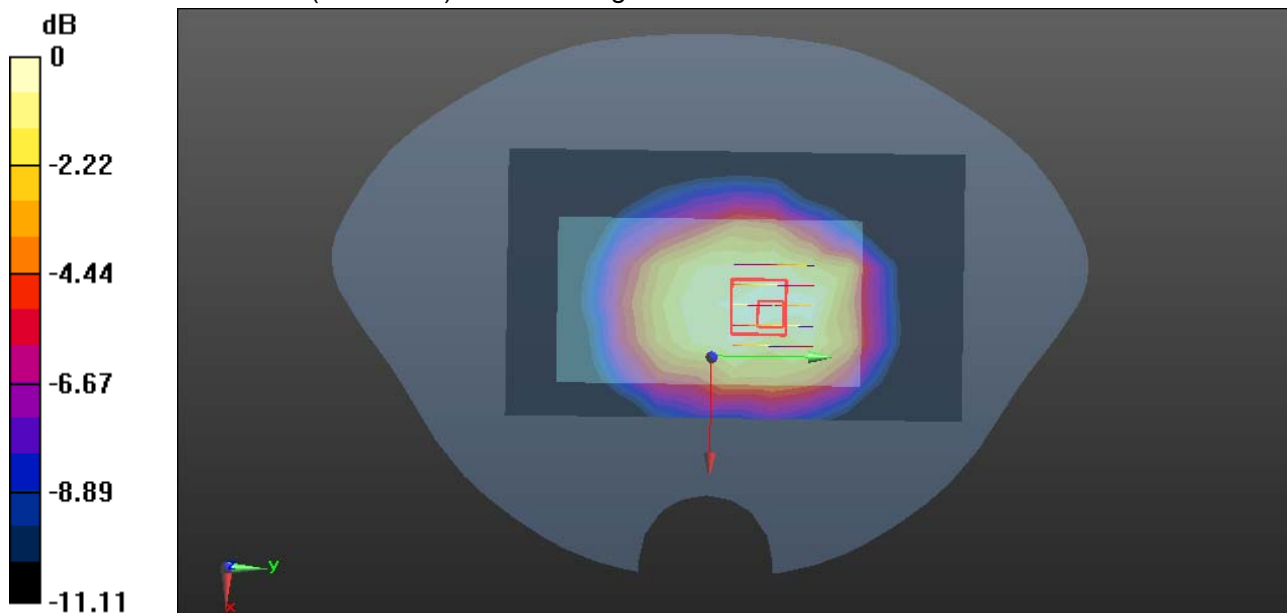
**GPRS 850/Body Rear High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.89 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.270 W/kg**

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2017

**GPRS 1900-Body hotspot Low CH512****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.503$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 1900/Body Rear Low CH512/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.714 W/kg

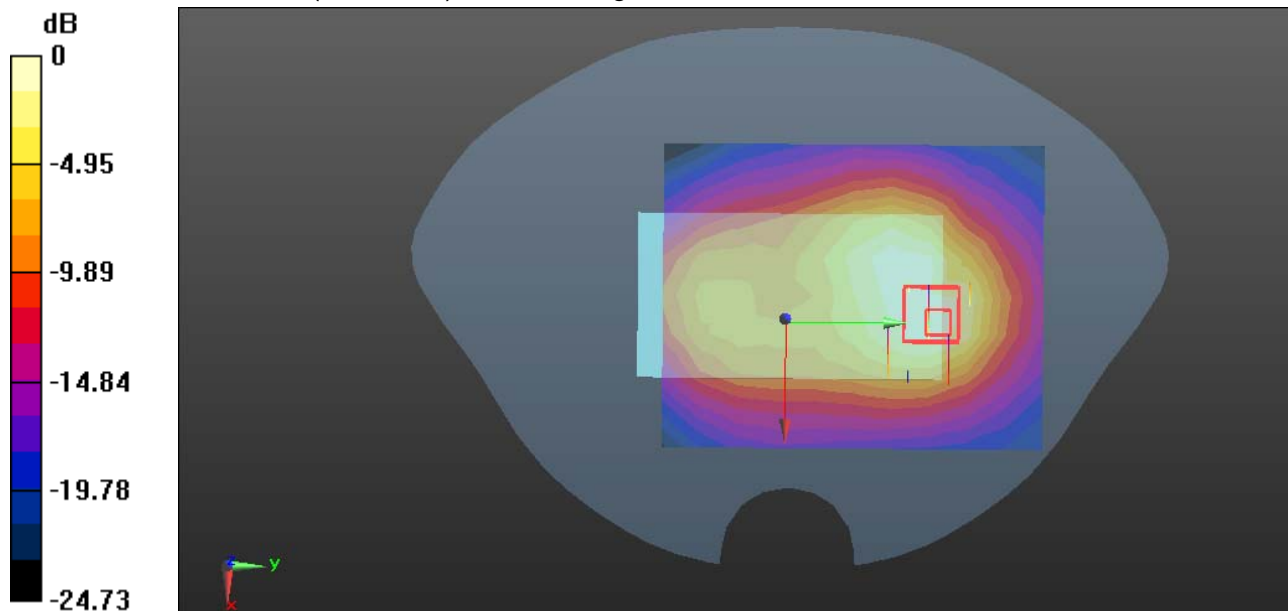
**GPRS 1900/Body Rear Low CH512/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.00 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.319 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg = -0.99 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2017

**WCDMA Band II-Body hotspot Middle CH9400****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.545$  S/m;  $\epsilon_r = 52.503$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band II/Body Rear Middle CH9400/Area Scan (12x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.845 W/kg

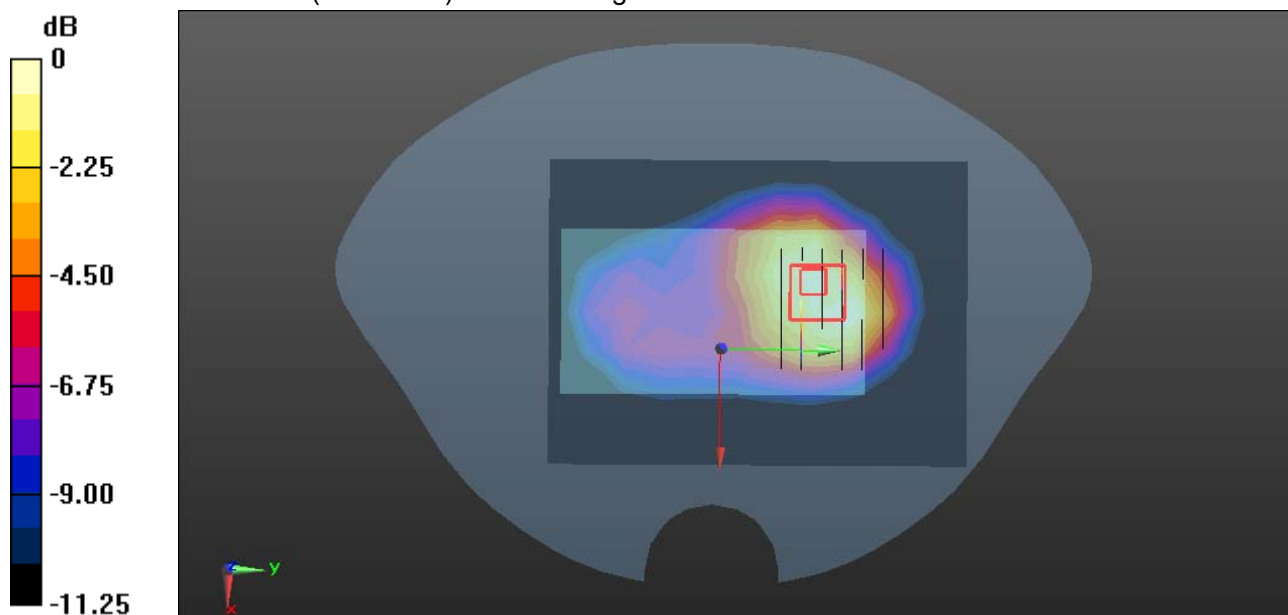
**WCDMA Band II/Body Rear Middle CH9400/Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.300 W/kg**

Maximum value of SAR (measured) = 0.894 W/kg



0 dB = 0.894 W/kg = -0.49 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/28/2016

**WCDMA Band V-Body hotspot High CH4233****DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 55.155$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.87, 8.87, 8.87); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band V/Body Rear High CH4233/Area Scan (10x9x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.657 W/kg

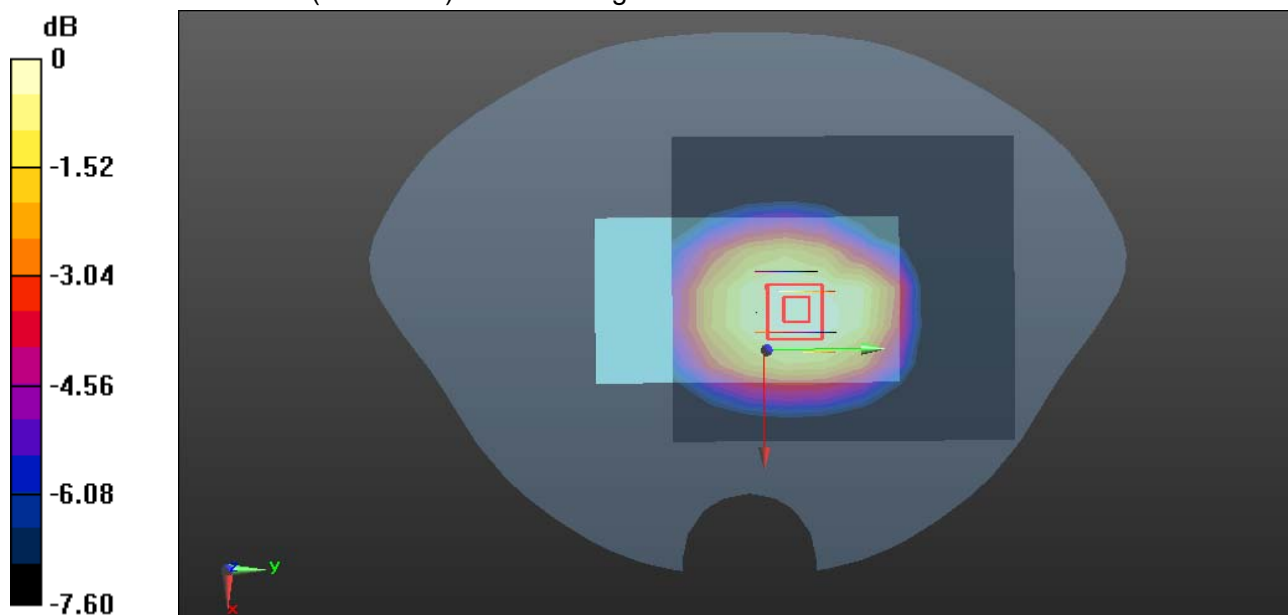
**WCDMA Band V/Body Rear High CH4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.24 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.318 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg = -1.65 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 7/20/2017

## WiFi-Body hotspot Rear High CH11

**DUT: 3G Smartphone; Type: R400; Serial: 358651070000417**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;  
Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.963$  S/m;  $\epsilon_r = 51.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/28/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/28/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Rear High CH11/Area Scan (11x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.303 W/kg

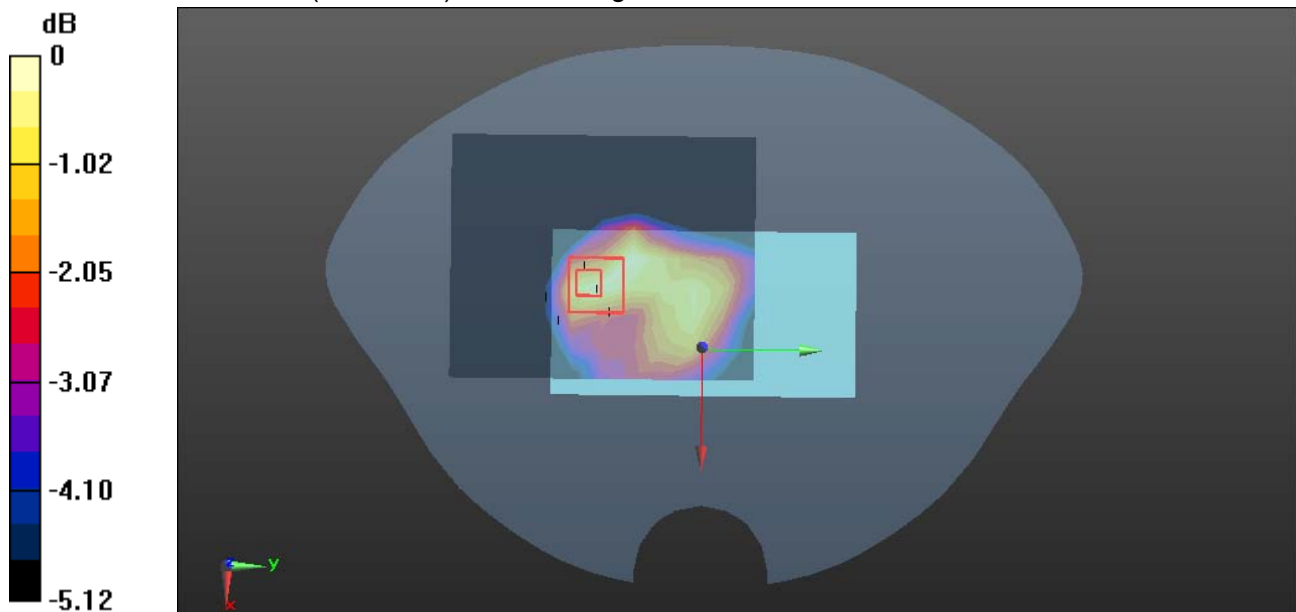
**WiFi/Rear High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.41 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg