



|                                             |    |
|---------------------------------------------|----|
| WCDMA Band II-Body Front CH9538 .....       | 2  |
| WCDMA Band II-Body Rear CH9262 .....        | 3  |
| WCDMA Band II-Body Rear CH9400 .....        | 4  |
| WCDMA Band II-Body Rear CH9538 .....        | 5  |
| WCDMA Band II-Body Top CH9538 .....         | 6  |
| WCDMA Band II-Body Right CH9538 .....       | 7  |
| WCDMA Band II-Body Left CH9538 .....        | 8  |
| WCDMA Band V-Body Front CH4233 .....        | 9  |
| WCDMA Band V-Body Rear CH4132 .....         | 10 |
| WCDMA Band V-Body Rear CH4182 .....         | 11 |
| WCDMA Band V-Body Rear CH4233 .....         | 12 |
| WCDMA Band V-Body Top CH4233 .....          | 13 |
| WCDMA Band V-Body Right CH4233 .....        | 14 |
| WCDMA Band V-Body Left CH4233 .....         | 15 |
| WCDMA Band II-Body Rear CH9538 repeat ..... | 16 |
| WCDMA Band V-Body Rear CH4182 repeat .....  | 17 |

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Front CH9538****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Front CH9538/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.433 W/kg

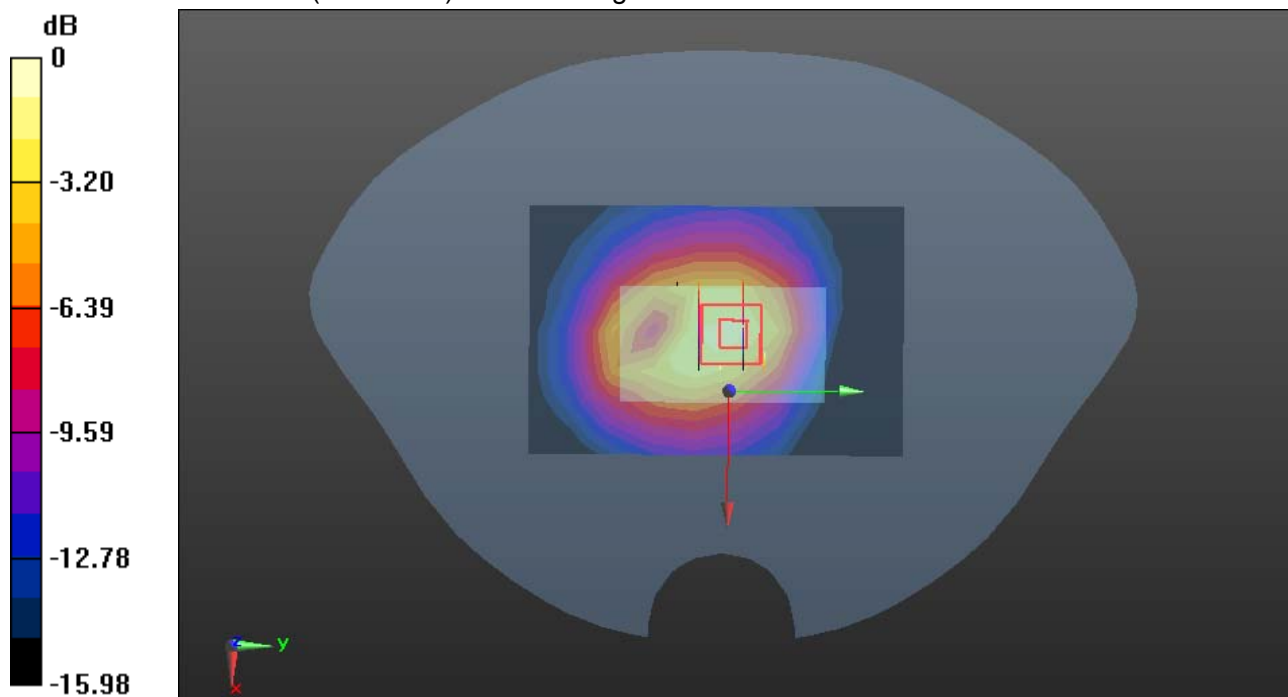
**WCDMA Band II/Body Front CH9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.09 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.804 W/kg

**SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.251 W/kg**

Maximum value of SAR (measured) = 0.620 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Rear CH9262****DUT: GPS tracking; Type: ES320; Serial: N/A**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.516$  S/m;  $\epsilon_r = 53.712$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH9262/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.07 W/kg

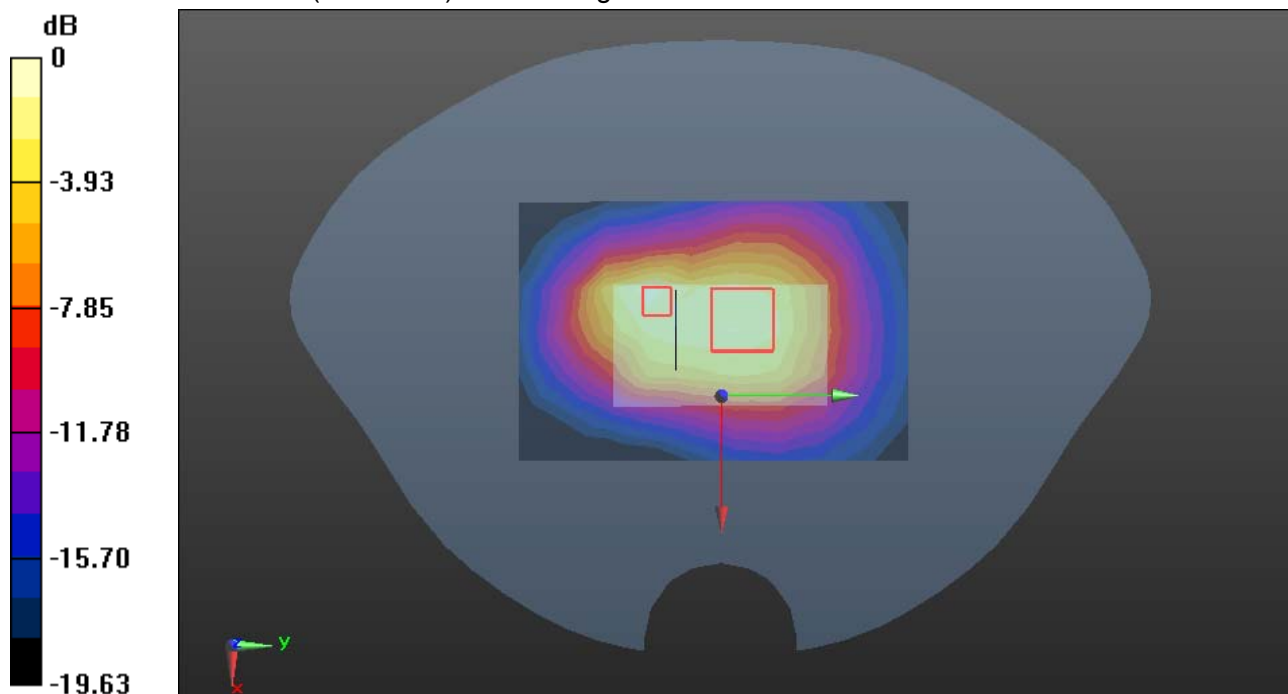
**WCDMA Band II/Body Rear CH9262/Zoom Scan (9x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.12 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.402 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Rear CH9400****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.561$  S/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH9400/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

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

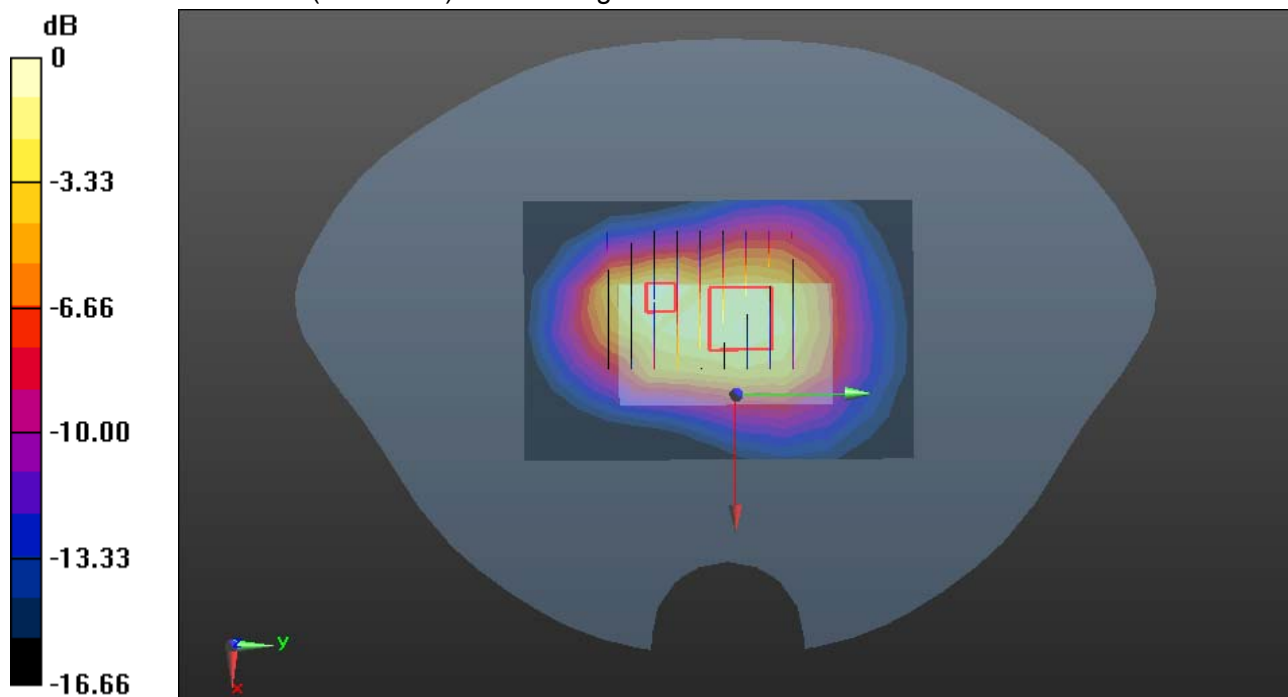
**WCDMA Band II/Body Rear CH9400/Zoom Scan (9x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.21 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.492 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Rear CH9538****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WCDMA Band II/Body Rear CH9538/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.45 W/kg

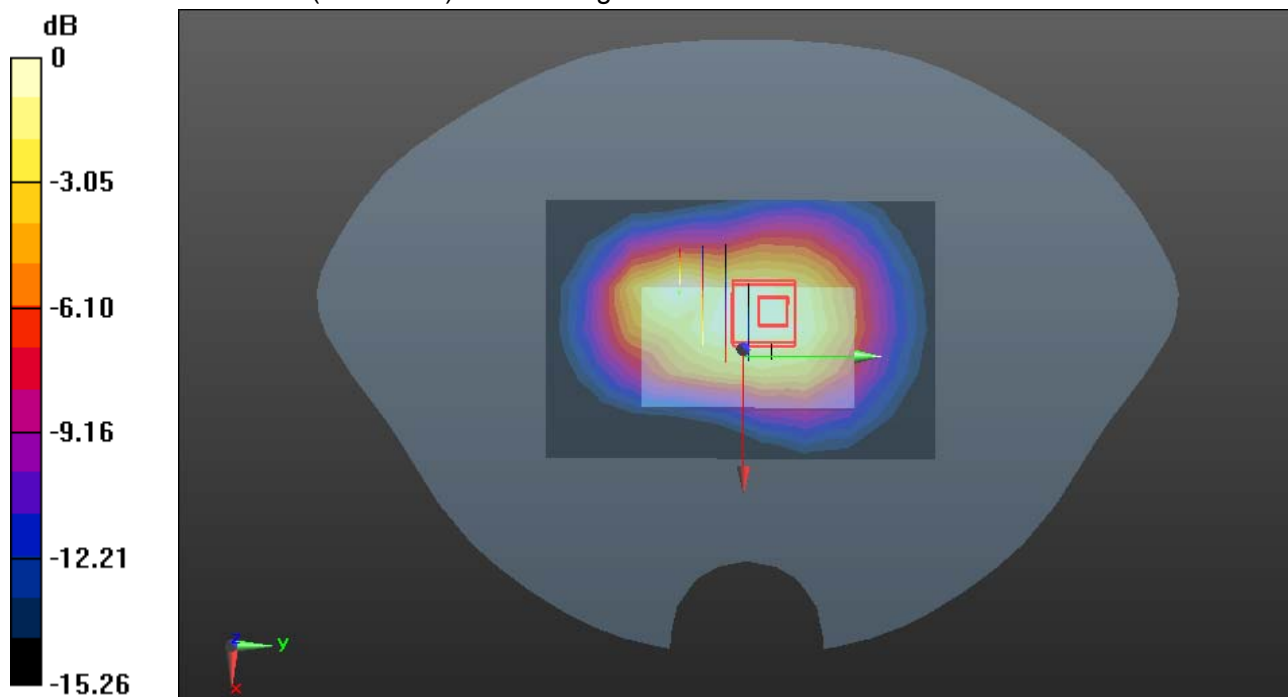
**WCDMA Band II/Body Rear CH9538/Zoom Scan (9x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.79 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.512 W/kg**

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Top CH9538****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Top CH9538/Area Scan (9x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.20 W/kg

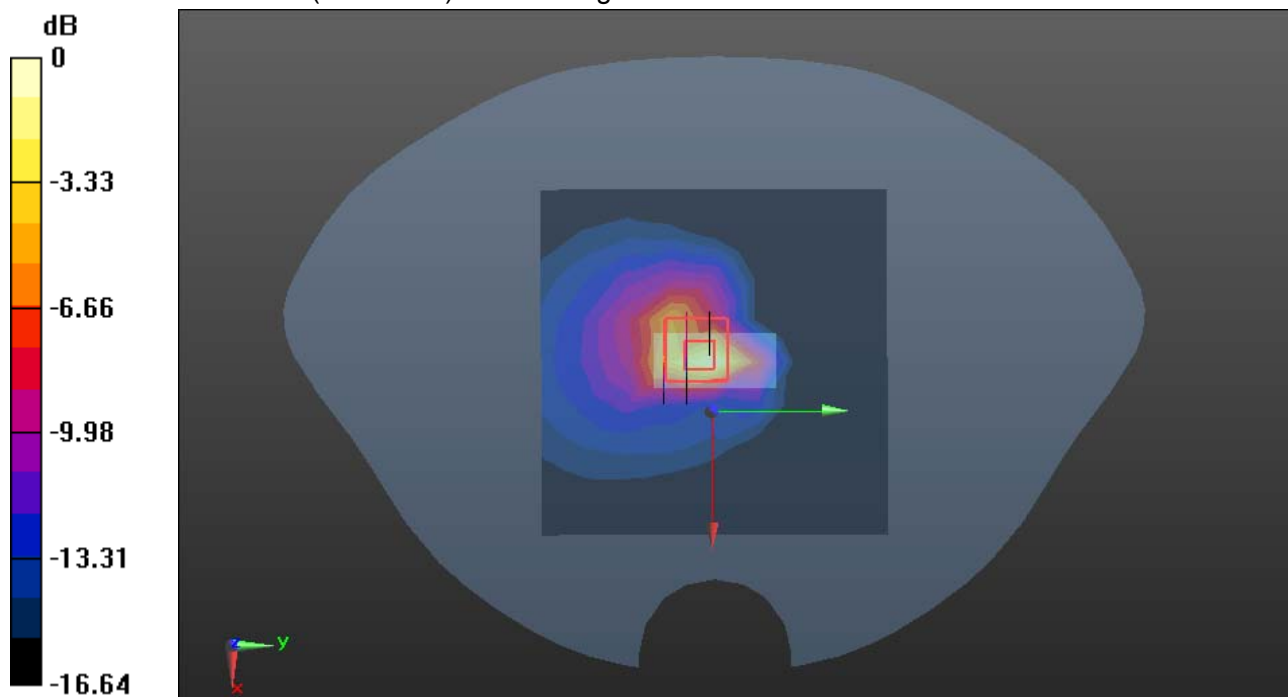
**WCDMA Band II/Body Top CH9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.34 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.319 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Right CH9538****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Right CH9538/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.299 W/kg

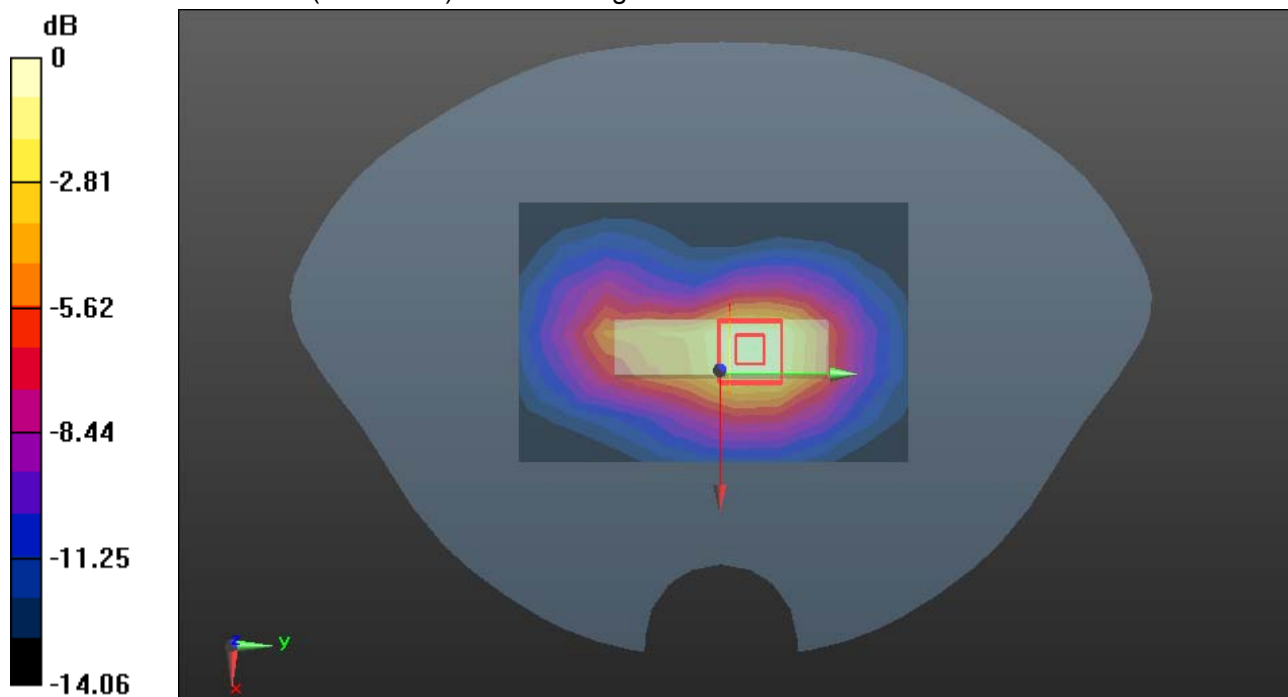
**WCDMA Band II/Body Right CH9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.24 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.497 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.129 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Left CH9538****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Left CH9538/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.774 W/kg

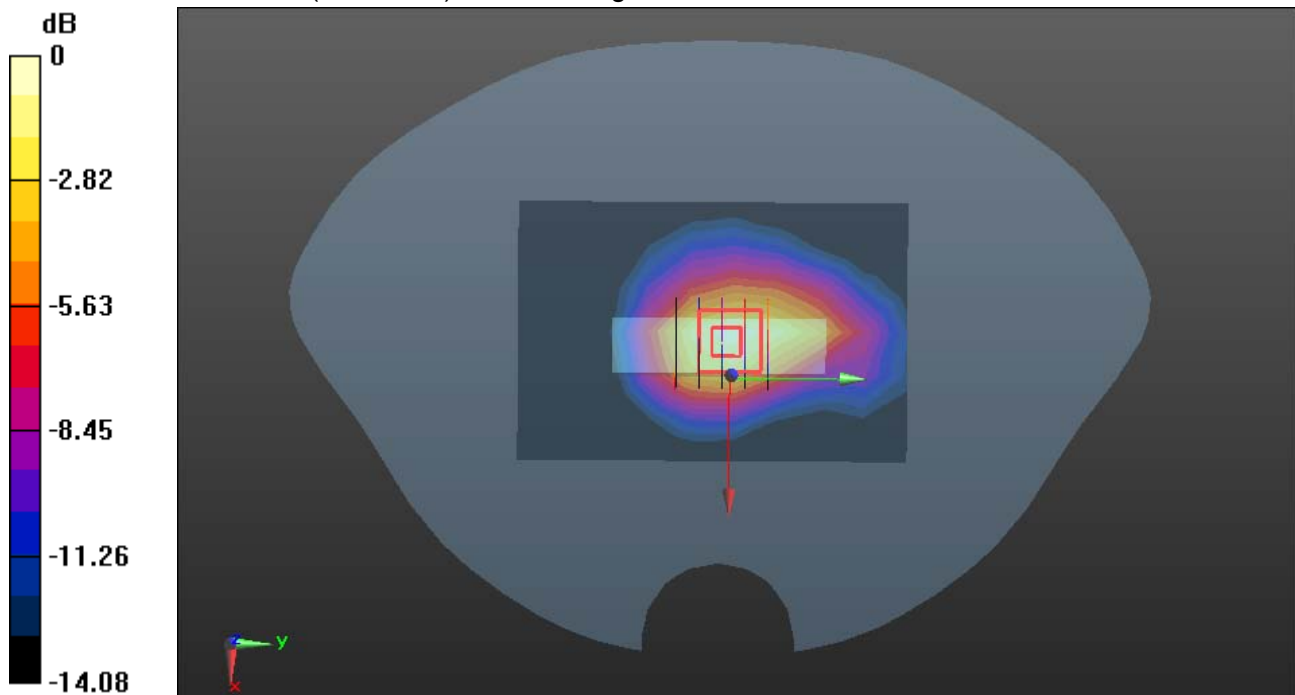
**WCDMA Band II/Body Left CH9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.28 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.290 W/kg**

Maximum value of SAR (measured) = 0.816 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Front CH4233****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 52.786$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Front CH4233/Area Scan (10x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.774 W/kg

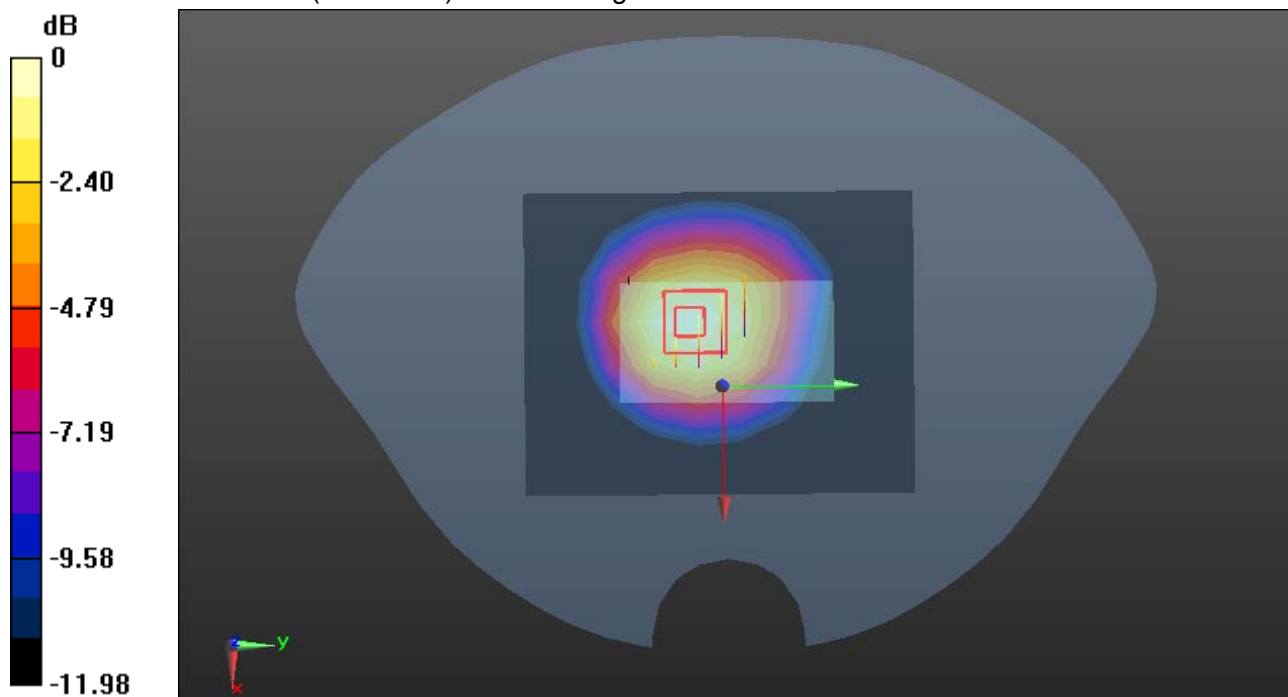
**WCDMA Band V/Body Front CH4233/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.08 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.877 W/kg

**SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.443 W/kg**

Maximum value of SAR (measured) = 0.765 W/kg



0 dB = 0.765 W/kg = -1.16 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Rear CH4132****DUT: GPS tracking; Type: ES320; Serial: N/A**

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 52.989$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH4132/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.872 W/kg

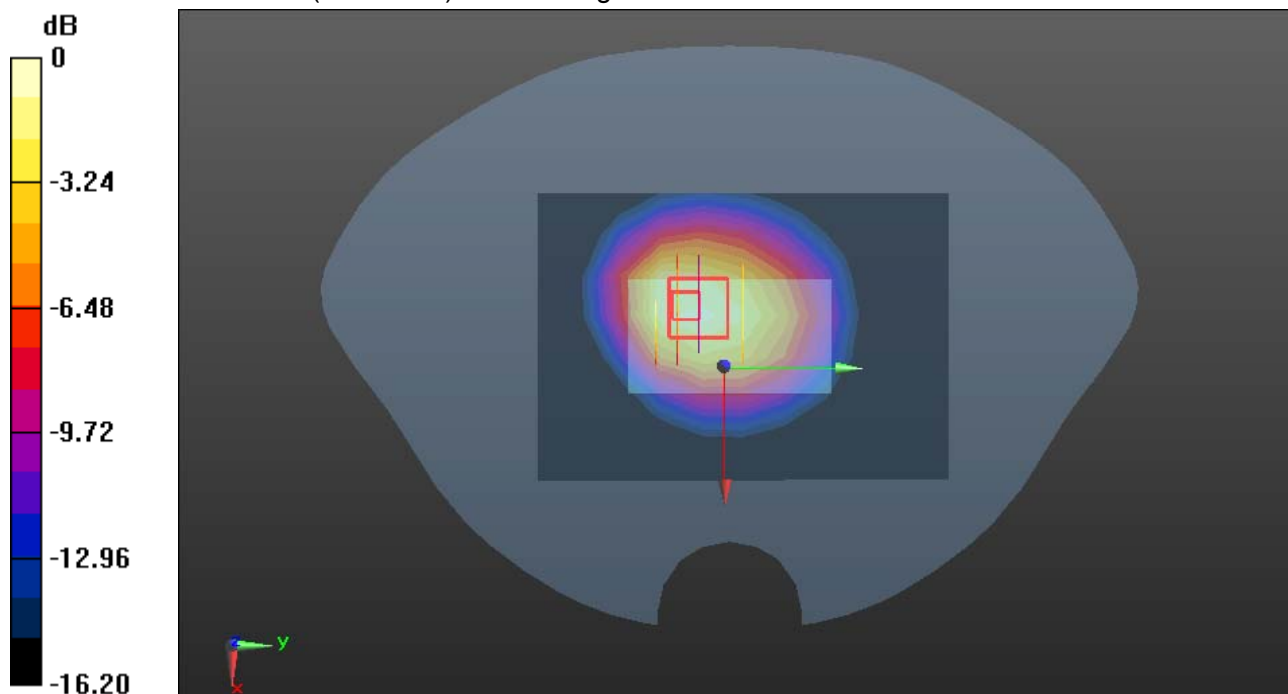
**WCDMA Band V/Body Rear CH4132/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.50 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.503 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Rear CH4182****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.955$  S/m;  $\epsilon_r = 52.888$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH4182/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

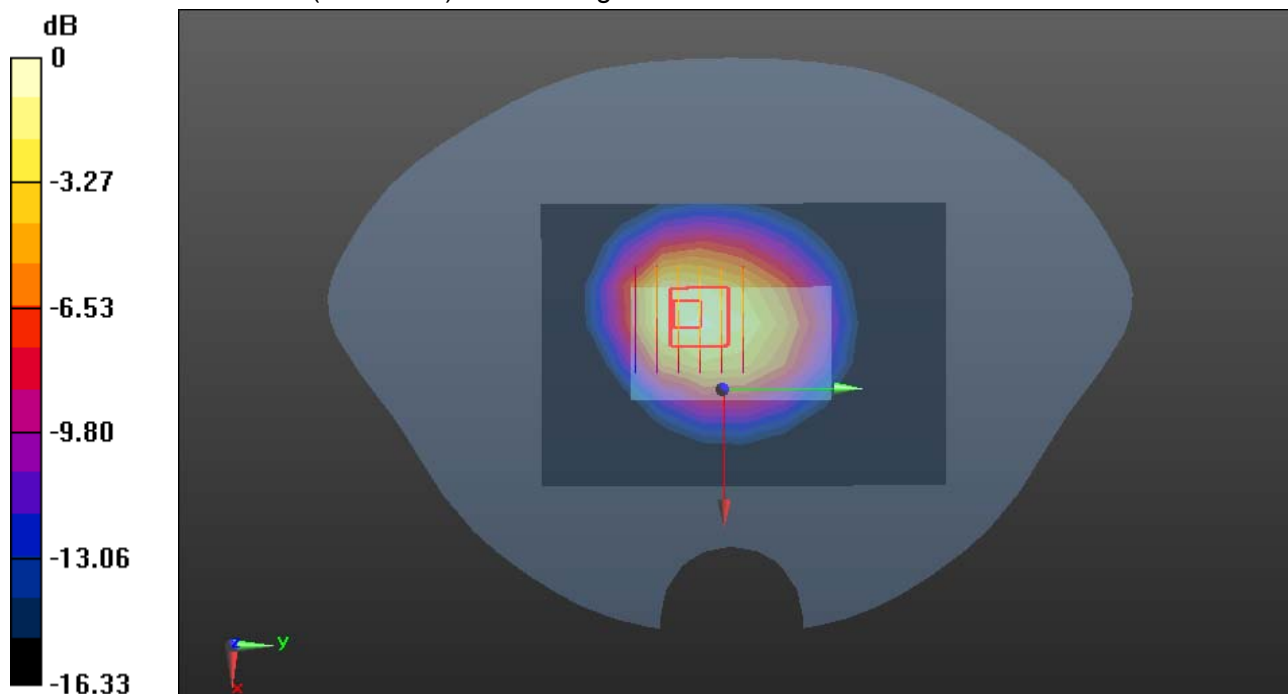
**WCDMA Band V/Body Rear CH4182/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.57 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.680 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Rear CH4233****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 52.786$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH4233/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.11 W/kg

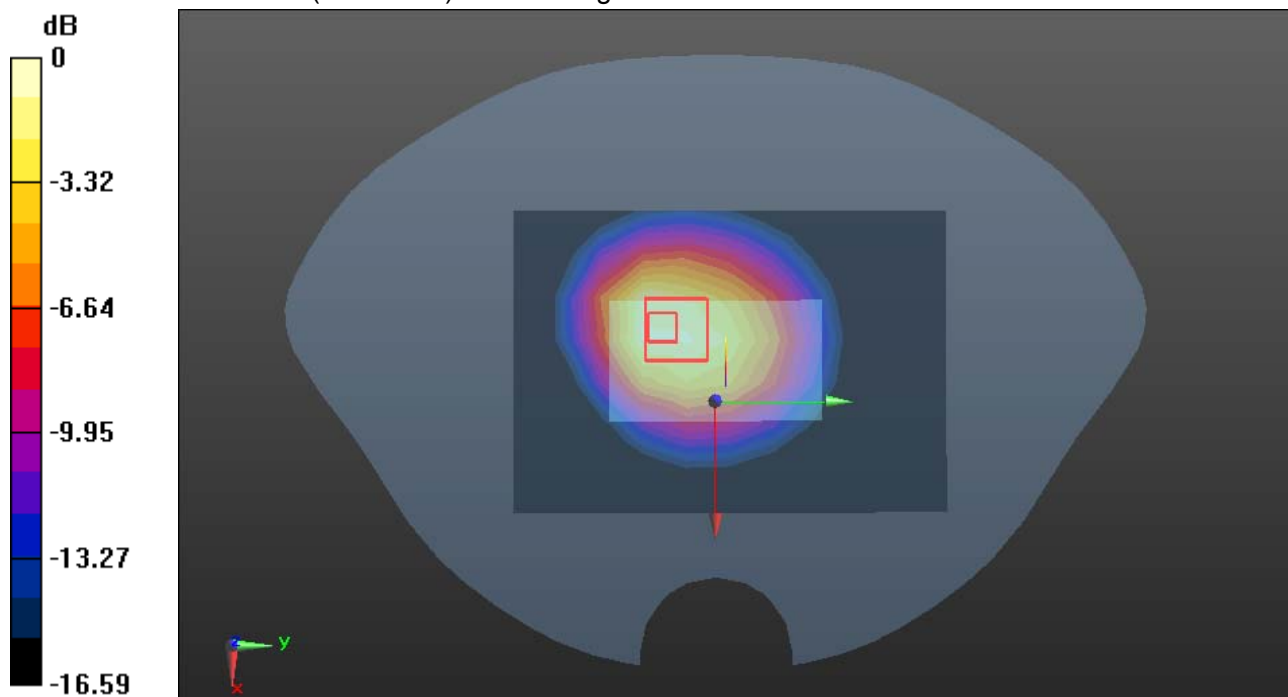
**WCDMA Band V/Body Rear CH4233/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.64 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.657 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: 4/20/2017

**WCDMA Band V-Body Top CH4233****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 52.786$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Top CH4233/Area Scan (9x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.575 W/kg

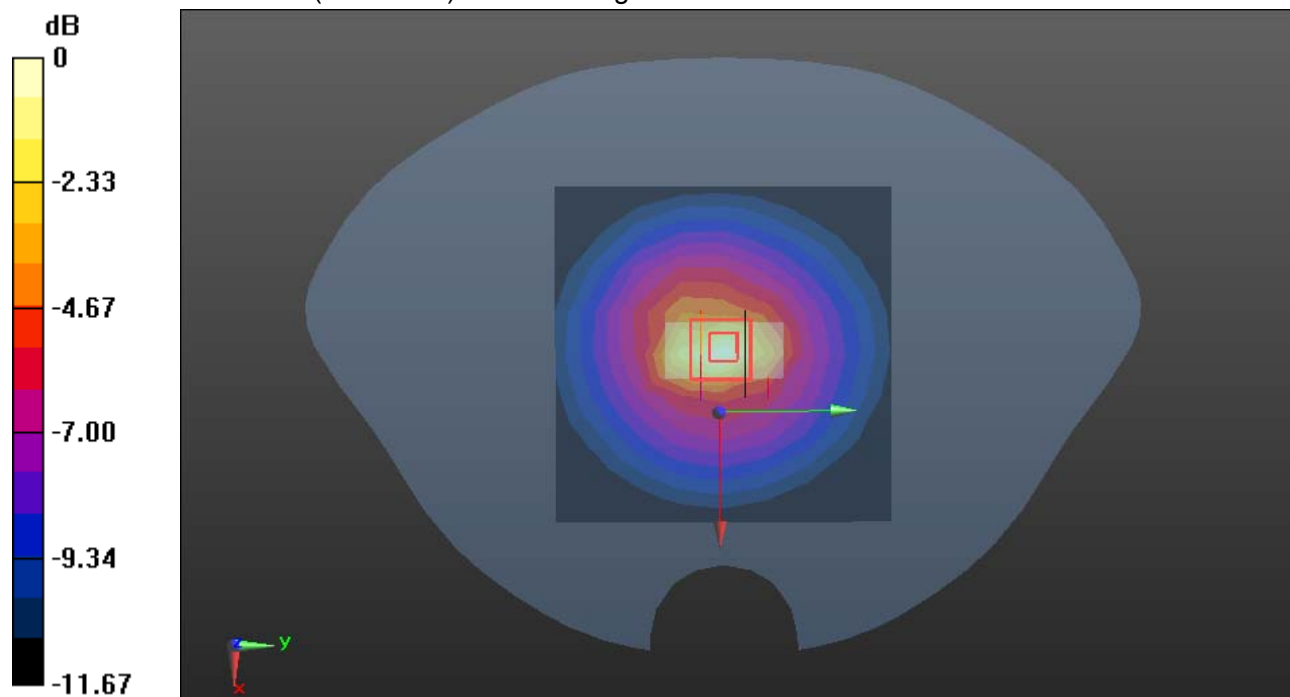
**WCDMA Band V/Body Top CH4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.48 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.834 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Right CH4233****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 52.786$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Right CH4233/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.373 W/kg

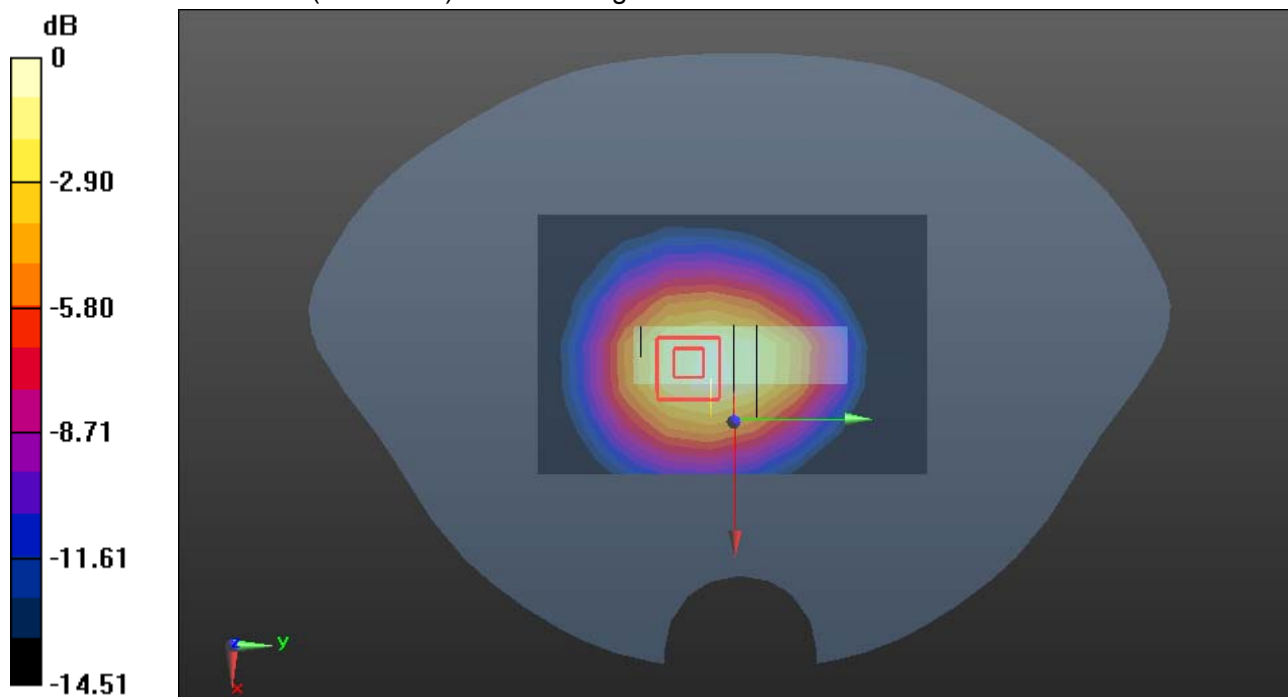
**WCDMA Band V/Body Right CH4233/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.52 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.228 W/kg**

Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.420 W/kg = -3.77 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Left CH4233****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 52.786$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Left CH4233/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.443 W/kg

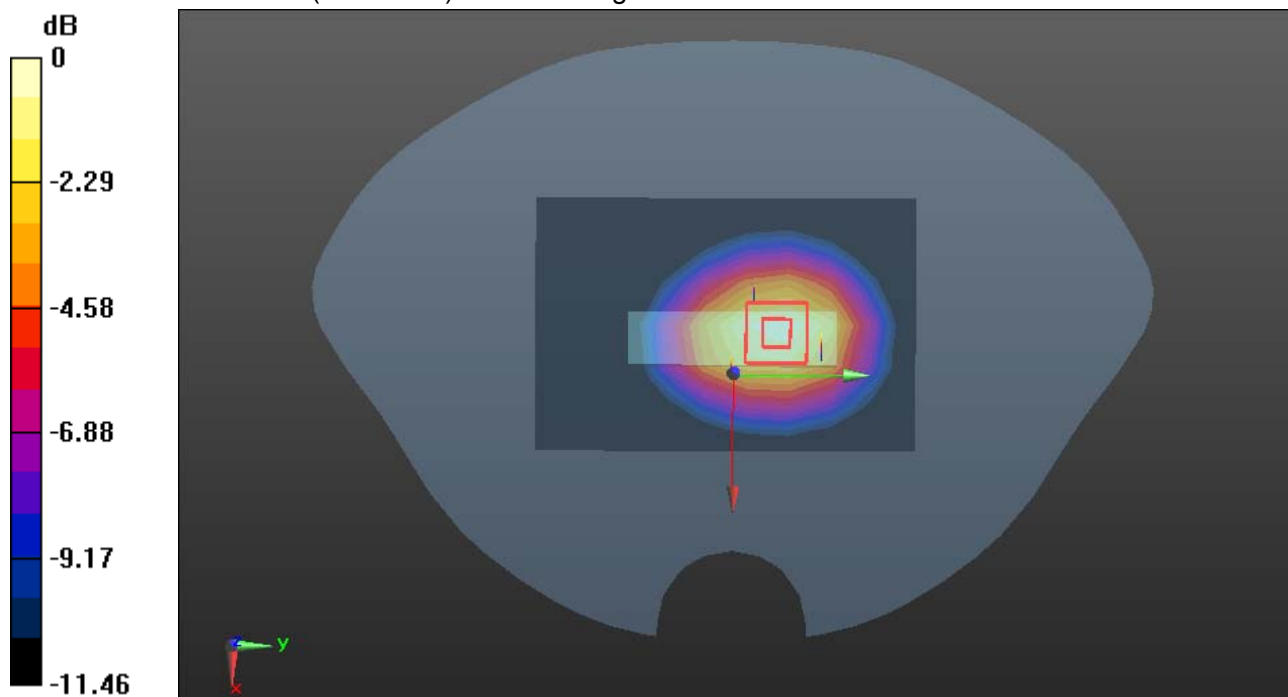
**WCDMA Band V/Body Left CH4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.02 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.538 W/kg

**SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band II-Body Rear CH9538 repeat****DUT: GPS tracking; Type: ES320; Serial: N/A**

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;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  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(7.43, 7.43, 7.43); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH9538 repeat/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.38 W/kg

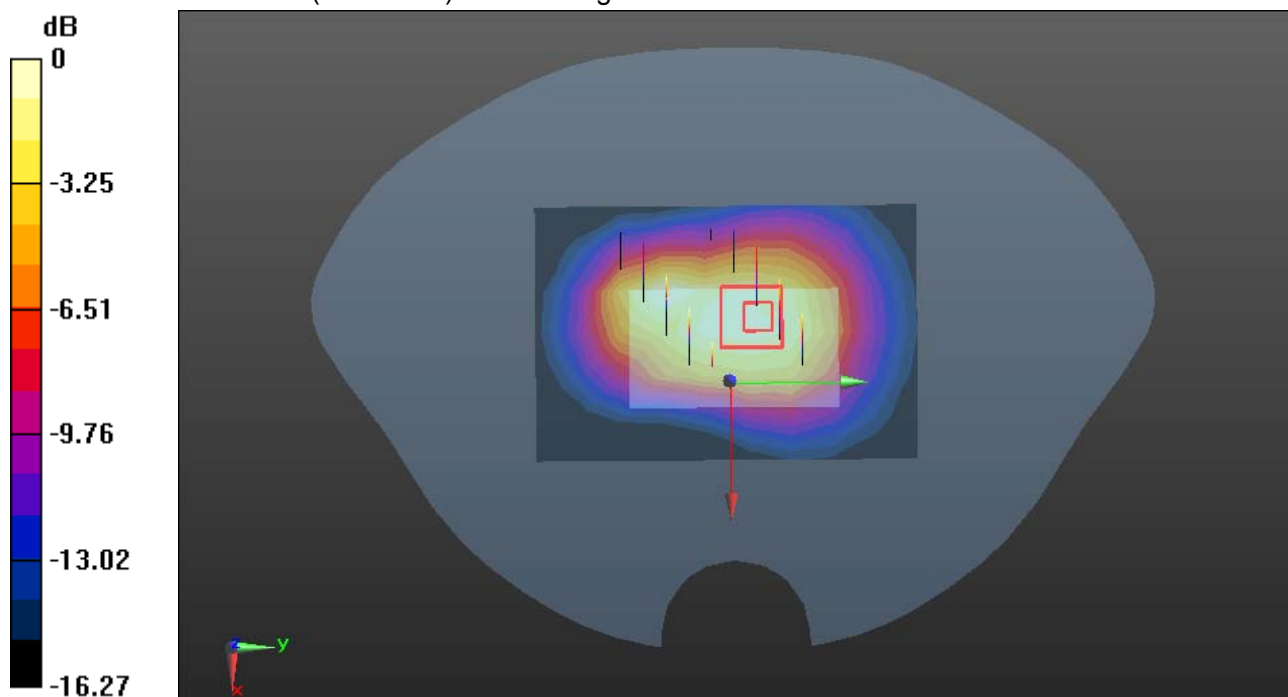
**WCDMA Band II/Body Rear CH9538 repeat/Zoom Scan (9x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.69 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.499 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 4/20/2017

**WCDMA Band V-Body Rear CH4182 repeat****DUT: GPS tracking; Type: ES320; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.955$  S/m;  $\epsilon_r = 52.888$ ;  $\rho = 1000$  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(9.09, 9.09, 9.09); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 CH4182 repeat/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

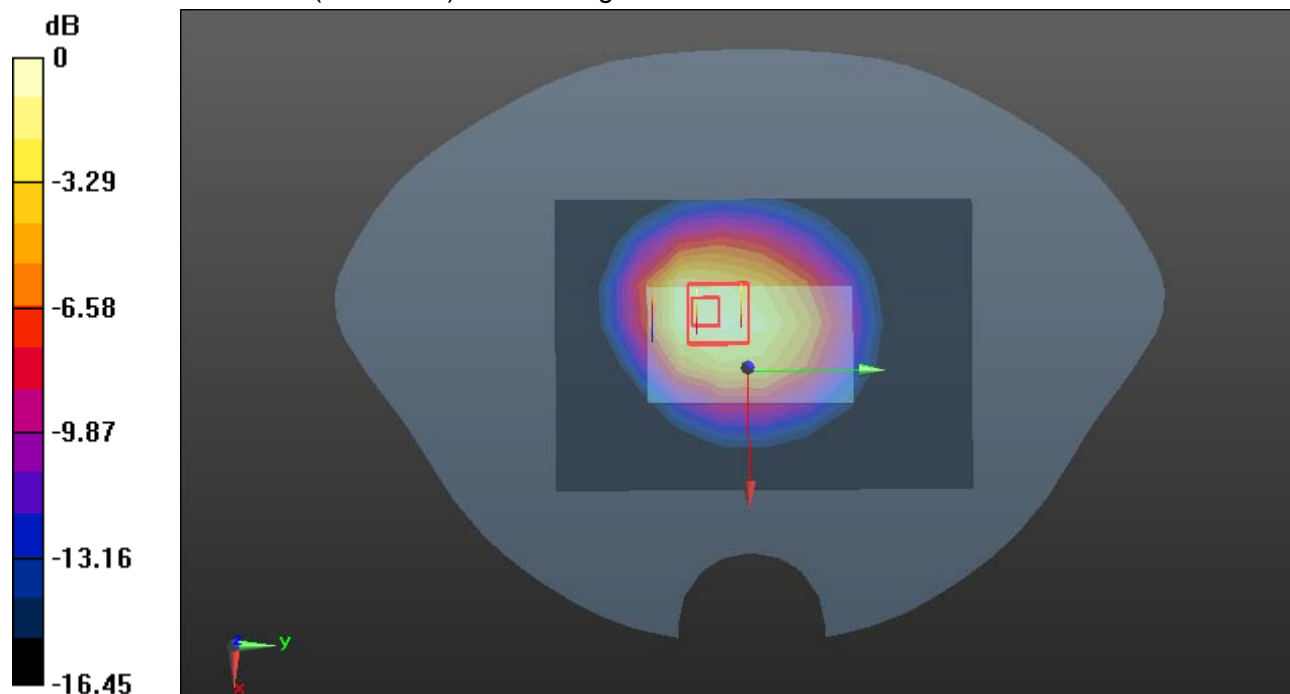
**WCDMA Band V/Body Rear CH4182 repeat/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.04 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.668 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg