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Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WiFi 802.11 b-Body Rear CH1**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.942 \text{ S/m}$ ;  $\epsilon_r = 51.548$ ;  $\rho = 1000 \text{ kg/m}^3$

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(7.32, 7.32, 7.32); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi 2.4GHz/IEEE802.11b Body Rear CH1/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.643 W/kg

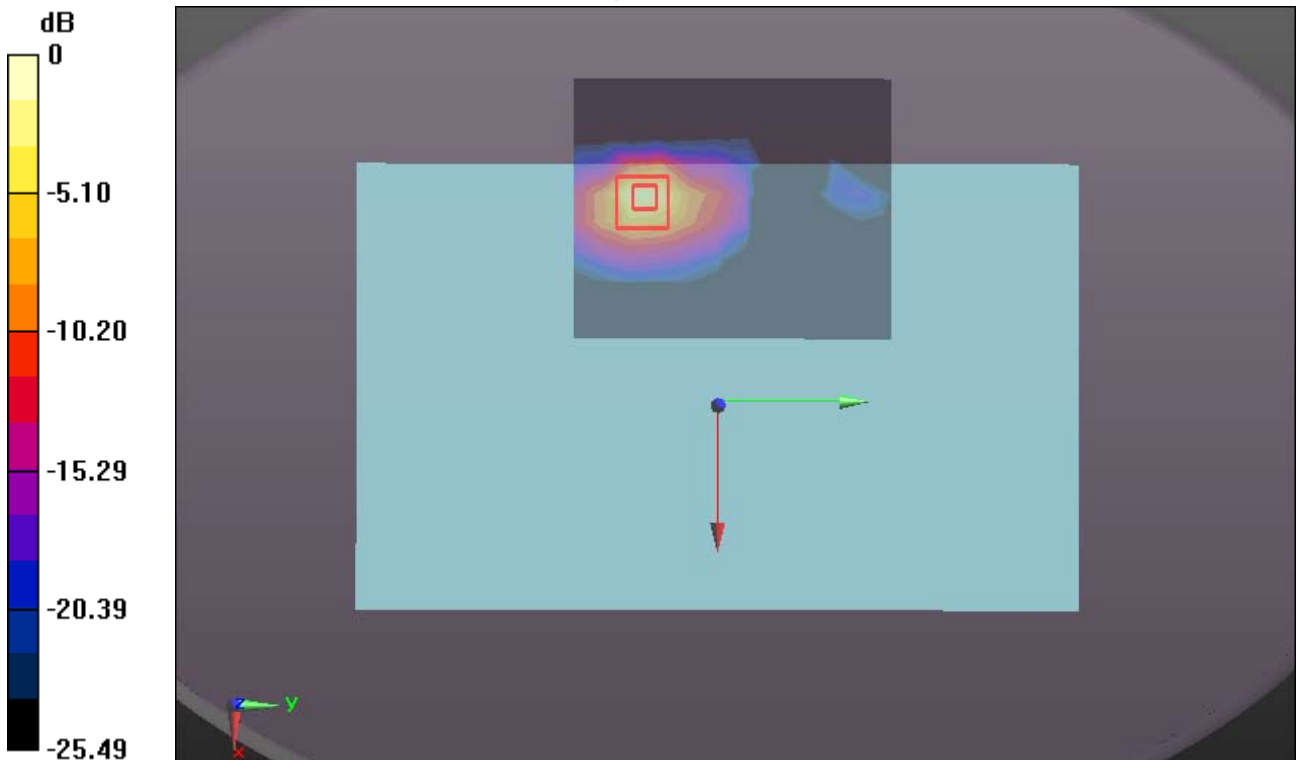
**WiFi 2.4GHz/IEEE802.11b Body Rear CH1/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.513 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg = -0.95 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WiFi 802.11 b-Body Rear CH6**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.945$  S/m;  $\epsilon_r = 51.672$ ;  $\rho = 1000$  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(7.32, 7.32, 7.32); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi 2.4GHz/IEEE802.11b Body Rear CH6/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

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

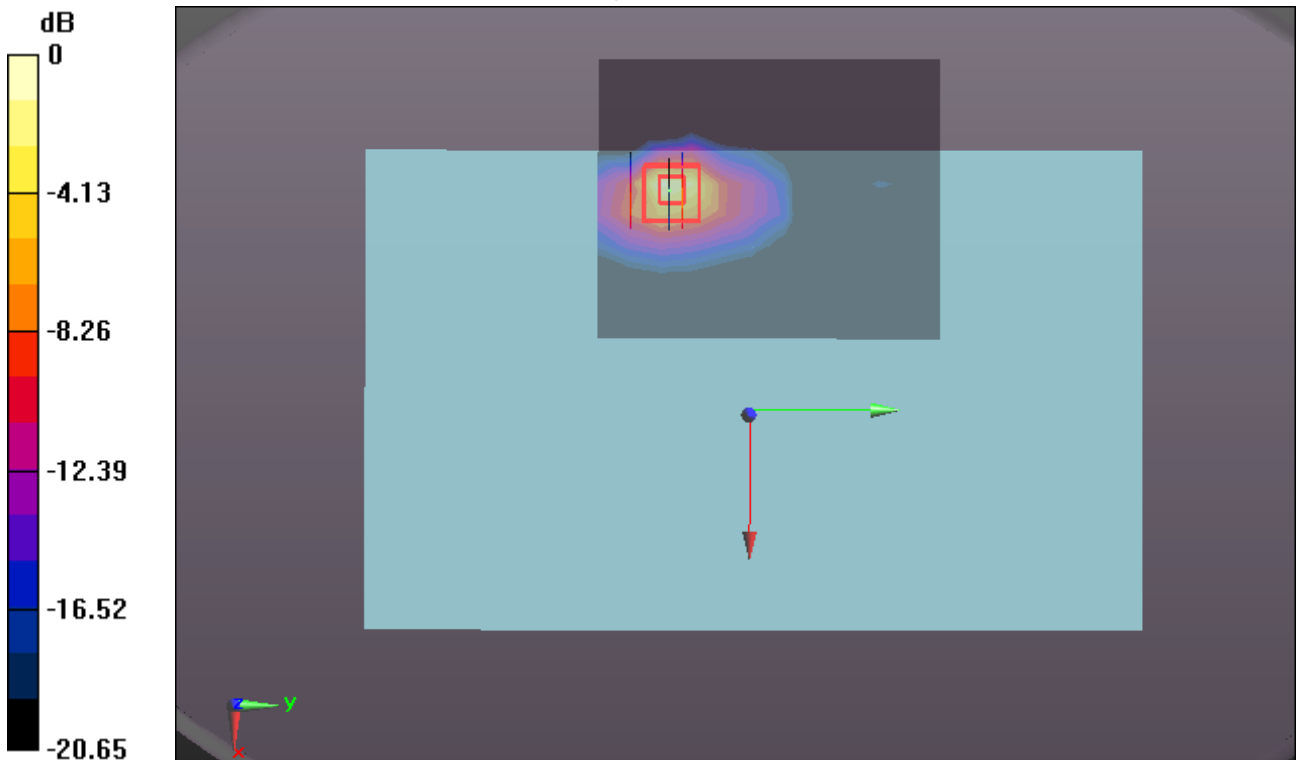
**WiFi 2.4GHz/IEEE802.11b Body Rear CH6/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5163 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WiFi 802.11 b-Body Rear CH11**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

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;  $\sigma = 1.953$  S/m;  $\epsilon_r = 51.601$ ;  $\rho = 1000$  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(7.32, 7.32, 7.32); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi 2.4GHz/IEEE802.11b Body Rear CH11/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.06 W/kg

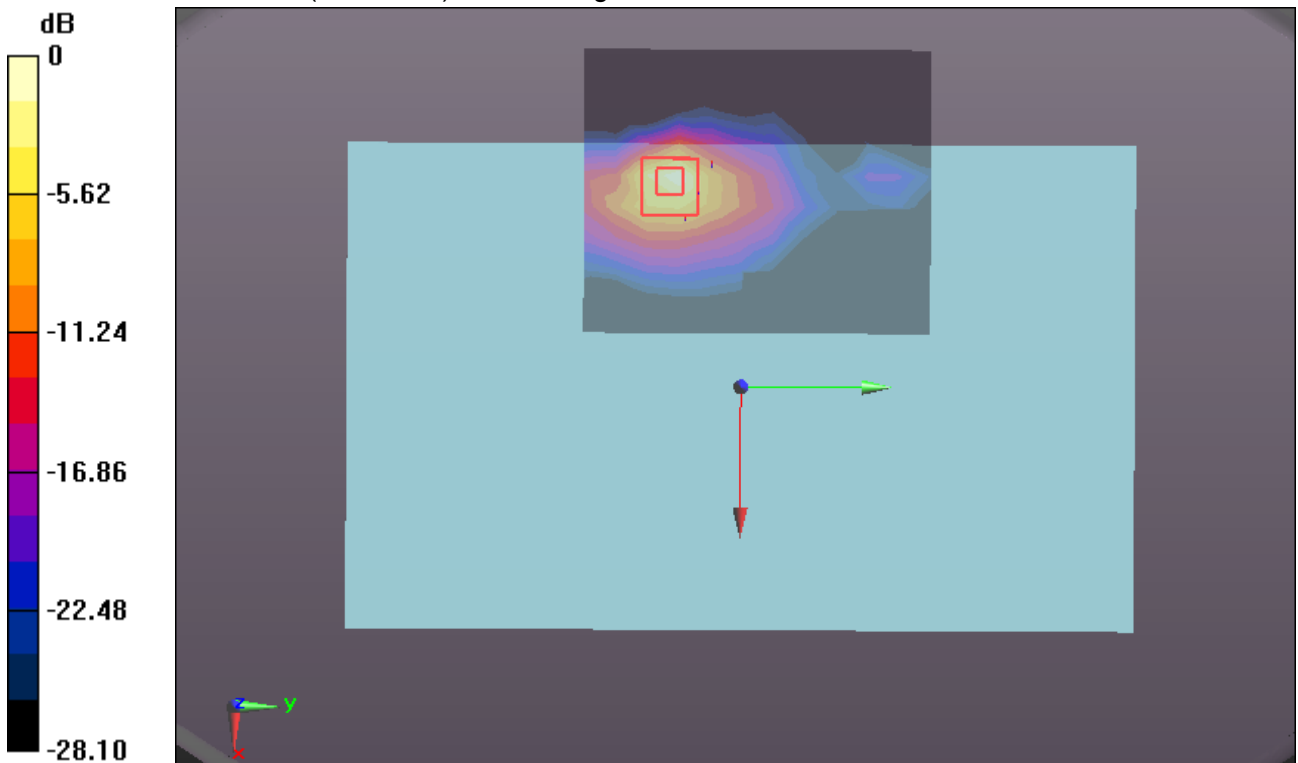
**WiFi 2.4GHz/IEEE802.11b Body Rear CH11/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.946 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.223 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: 8/26/2017

**WiFi 802.11 b-Body Edge 1 CH11**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

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;  $\sigma = 1.953$  S/m;  $\epsilon_r = 51.601$ ;  $\rho = 1000$  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(7.32, 7.32, 7.32); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi 2.4GHz/IEEE802.11b Body CH11/Area Scan (9x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.0655 W/kg

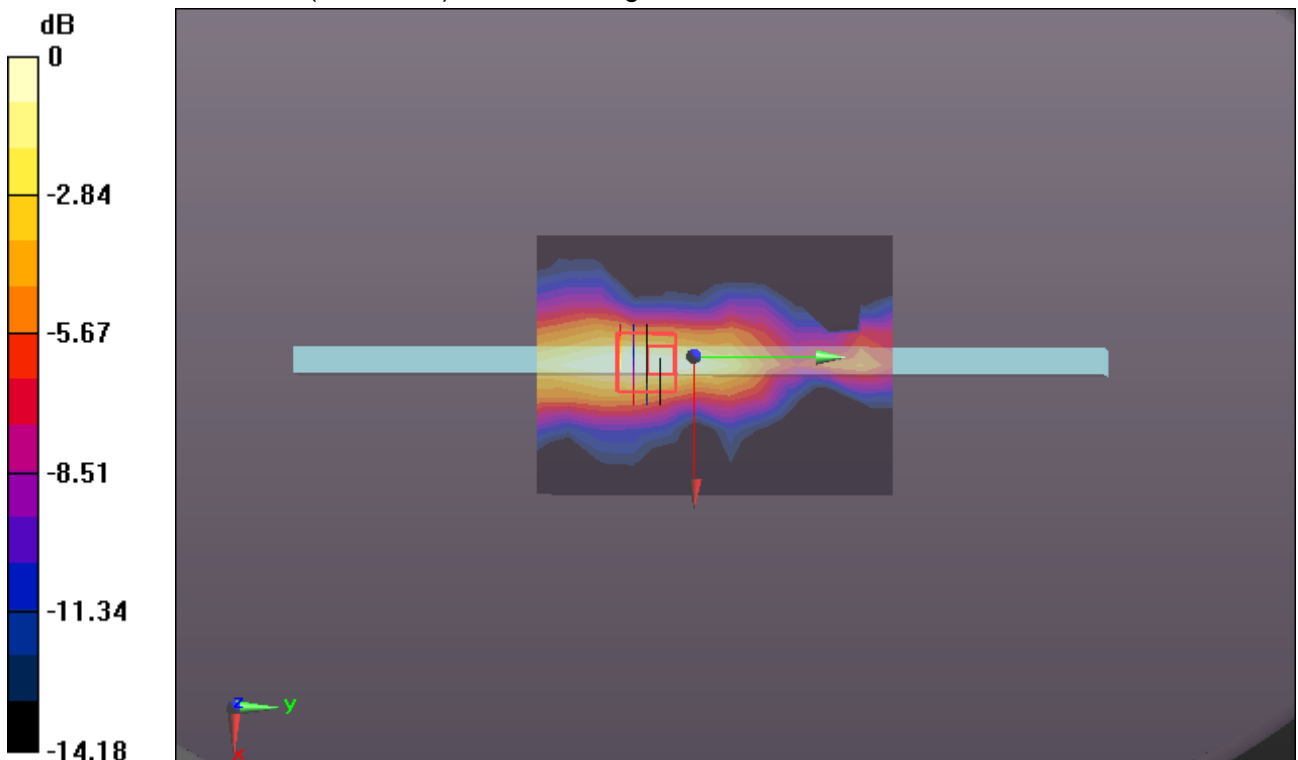
**WiFi 2.4GHz/IEEE802.11b Body CH1/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.418 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0790 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0539 W/kg



0 dB = 0.0539 W/kg = -12.68 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH52**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.237$  S/m;  $\epsilon_r = 47.617$ ;  $\rho = 1000$  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(4.67, 4.67, 4.67); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH52/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 2.41 W/kg

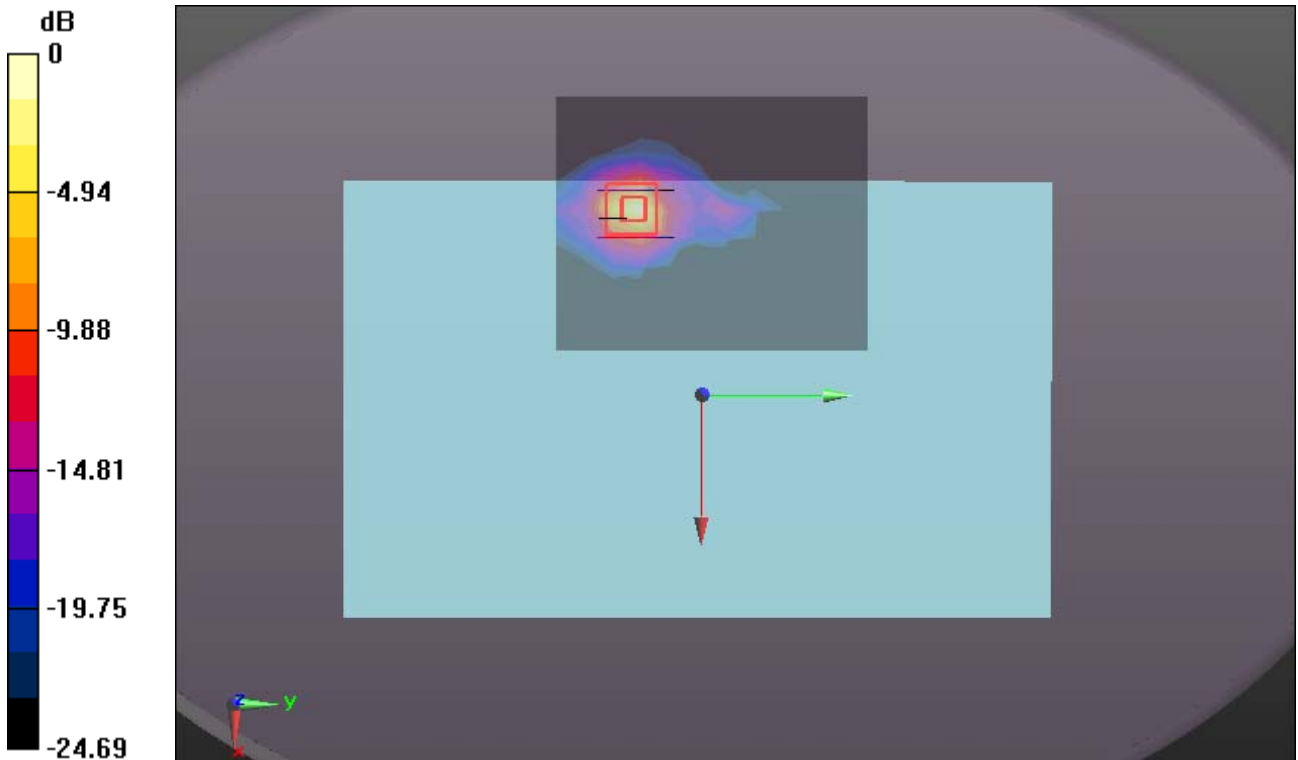
**WIFI/IEEE802.11a Body Rear CH52/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.946 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.43 W/kg

**SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH60**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.289$  S/m;  $\epsilon_r = 47.527$ ;  $\rho = 1000$  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(4.67, 4.67, 4.67); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH60/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 2.31 W/kg

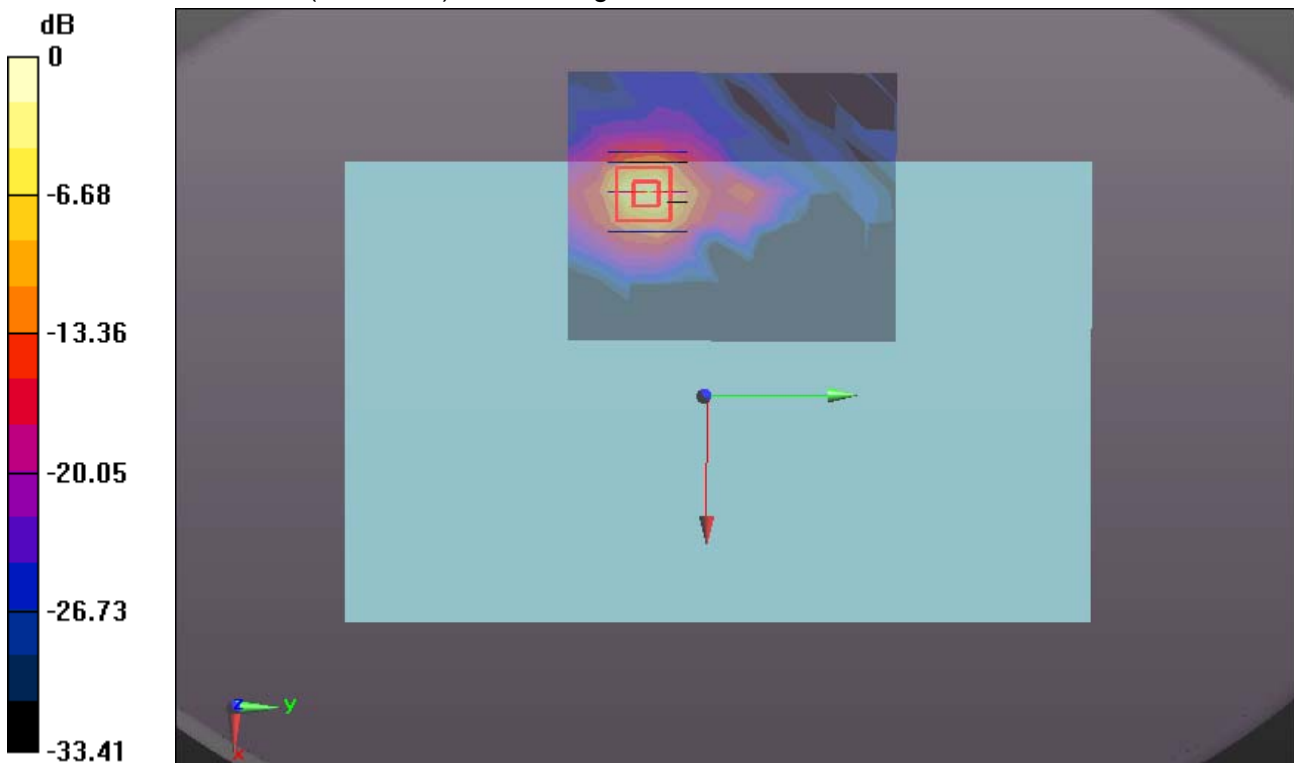
**WIFI/IEEE802.11a Body Rear CH60/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.946 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.82 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.86 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH64**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.319$  S/m;  $\epsilon_r = 47.49$ ;  $\rho = 1000$  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(4.67, 4.67, 4.67); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH64/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.66 W/kg

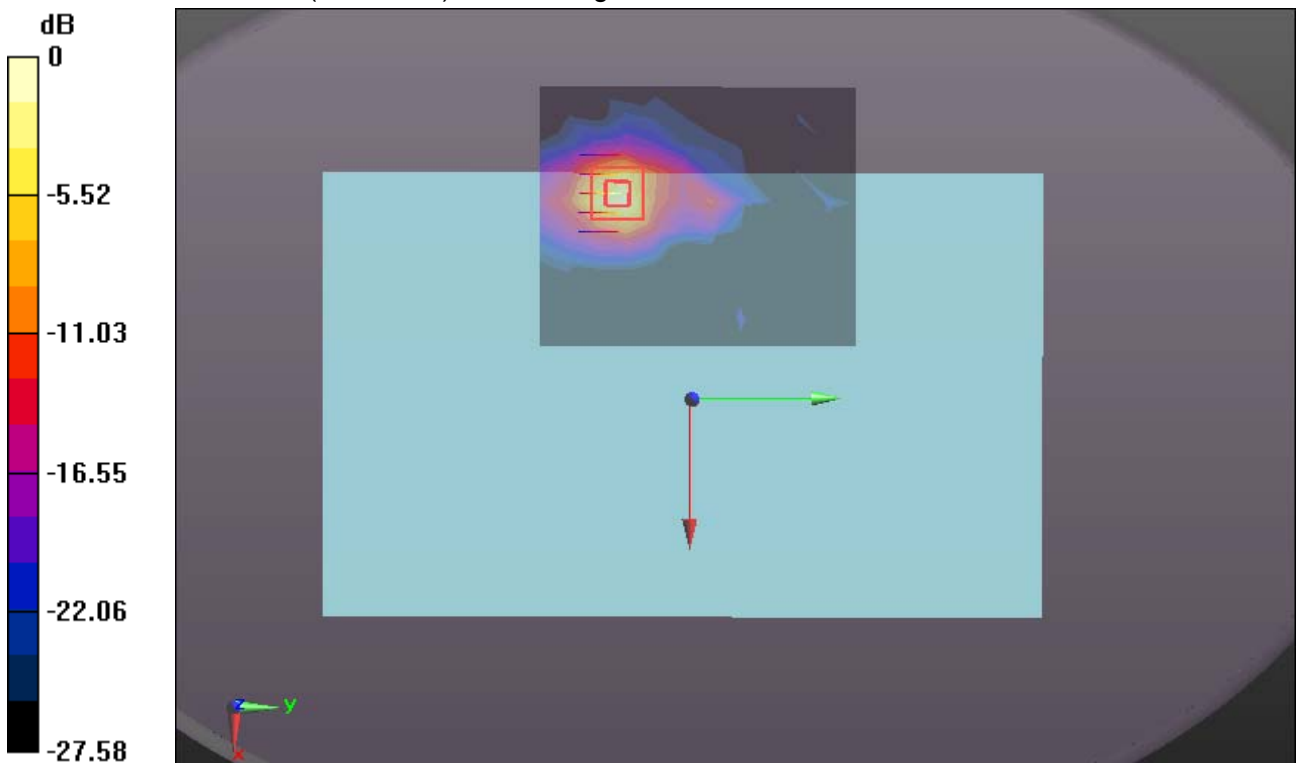
**WIFI/IEEE802.11a Body Rear CH64/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.794 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.62 W/kg

**SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH100**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.569$  S/m;  $\epsilon_r = 47.123$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH100/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.99 W/kg

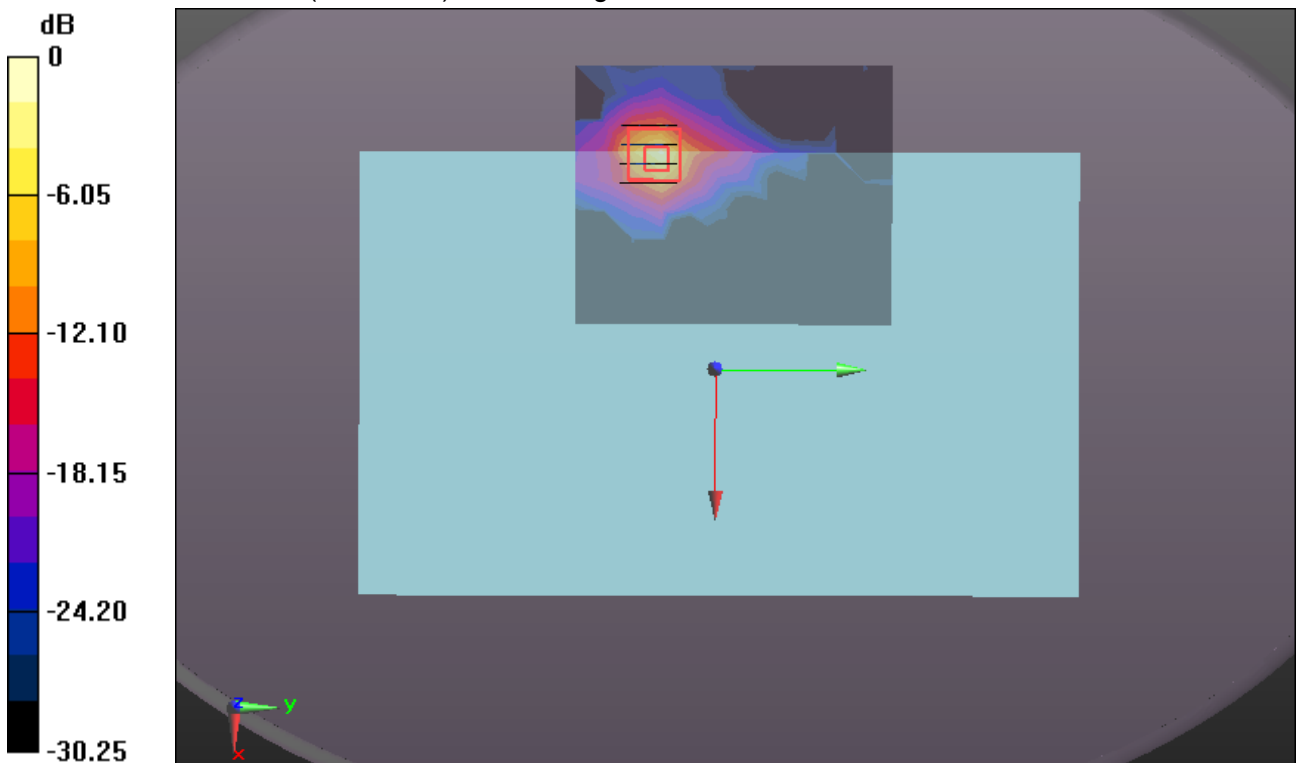
**WIFI/IEEE802.11a Body Rear CH100/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.852 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 5.42 W/kg

**SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH116**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.667$  S/m;  $\epsilon_r = 46.906$ ;  $\rho = 1000$  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(4.18, 4.18, 4.18); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH116/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.62 W/kg

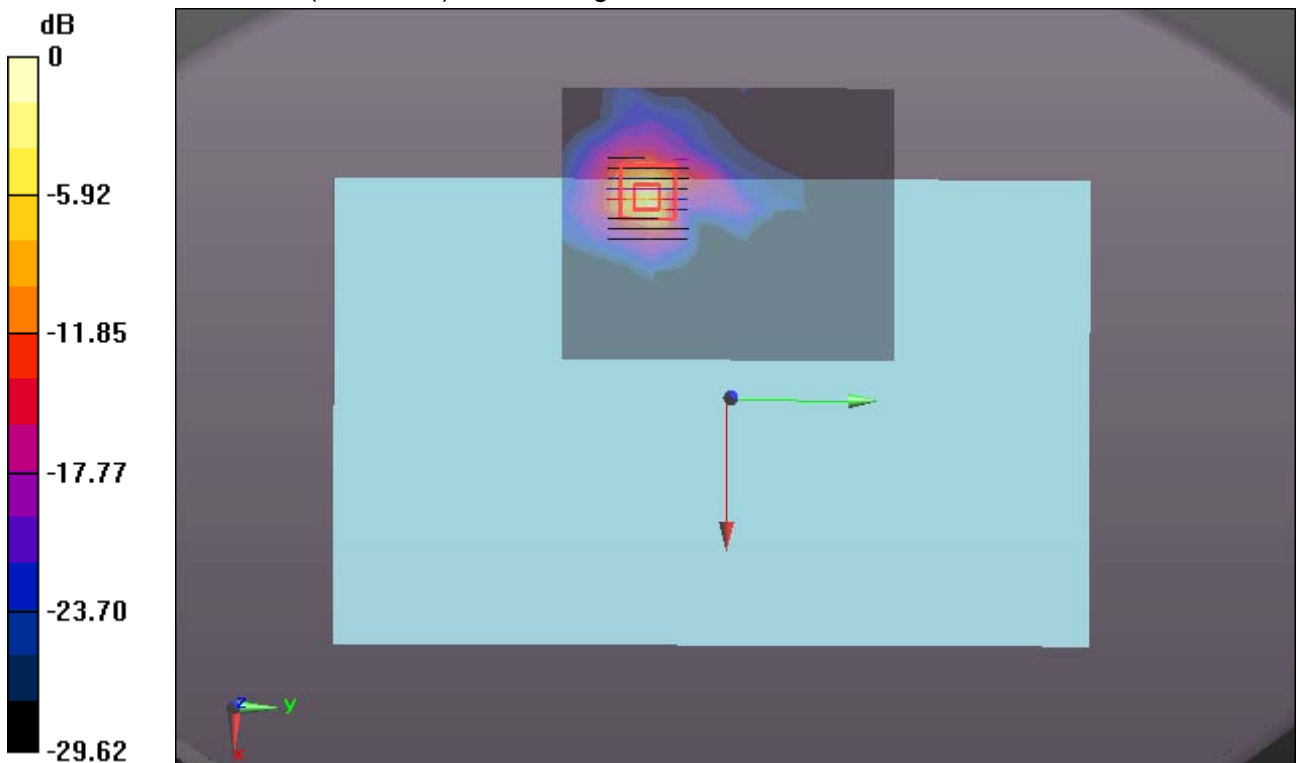
**WIFI/IEEE802.11a Body Rear CH116/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.697 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.16 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 3.29 W/kg



0 dB = 3.29 W/kg = 5.17 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH140**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.83$  S/m;  $\epsilon_r = 46.677$ ;  $\rho = 1000$  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(4.18, 4.18, 4.18); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH140/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.65 W/kg

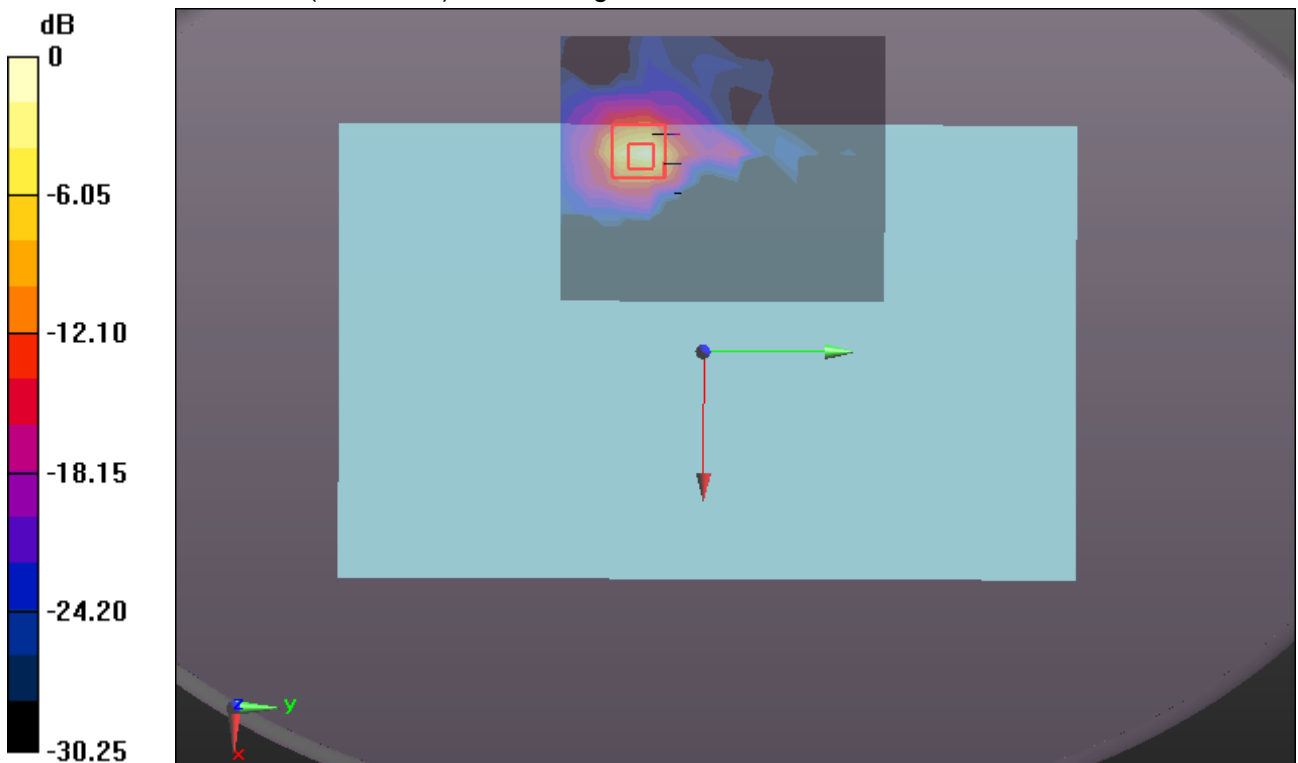
**WIFI/IEEE802.11a Body Rear CH140/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.985 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.13 W/kg

**SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.154 W/kg**

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH149**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.896 \text{ S/m}$ ;  $\epsilon_r = 46.589$ ;  $\rho = 1000 \text{ kg/m}^3$

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(4.45, 4.45, 4.45); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH149/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.35 W/kg

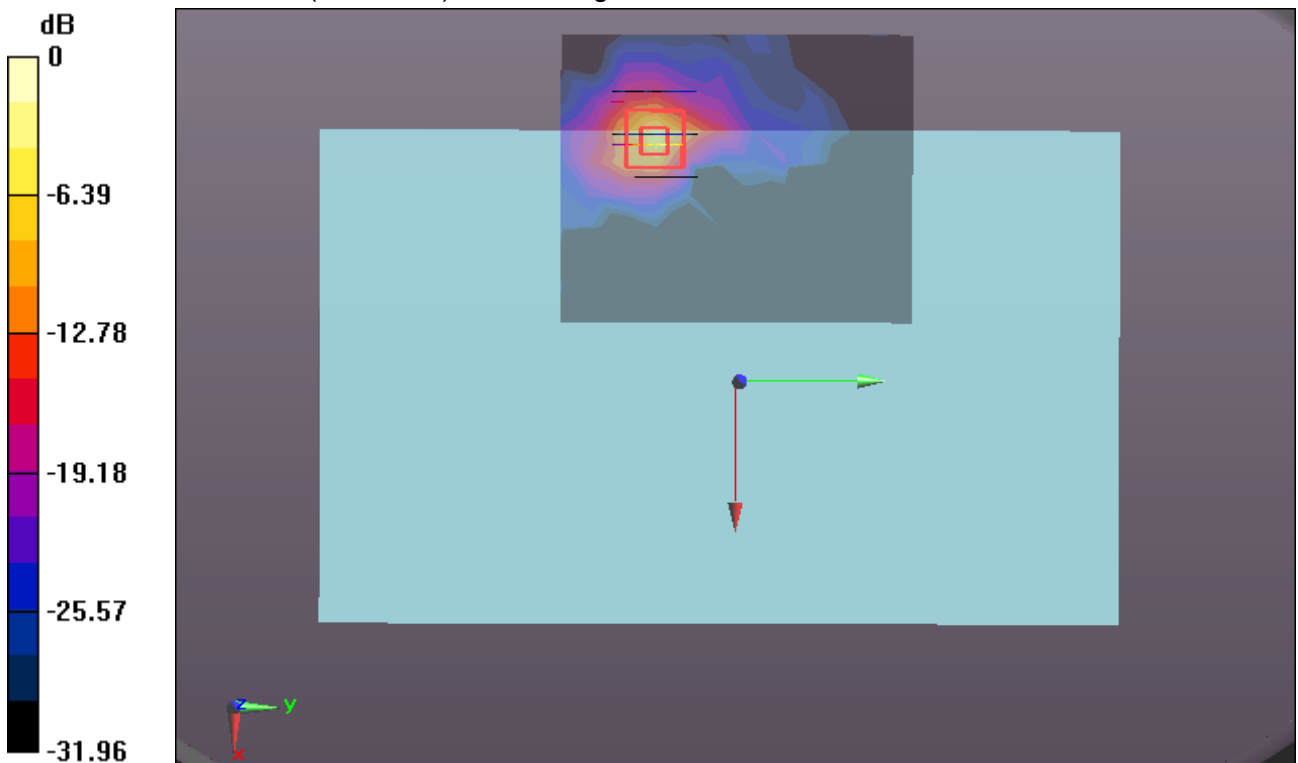
**WIFI/IEEE802.11a Body Rear CH149/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.151 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 4.98 W/kg

**SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH157**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.952$  S/m;  $\epsilon_r = 46.546$ ;  $\rho = 1000$  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(4.45, 4.45, 4.45); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH157/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.03 W/kg

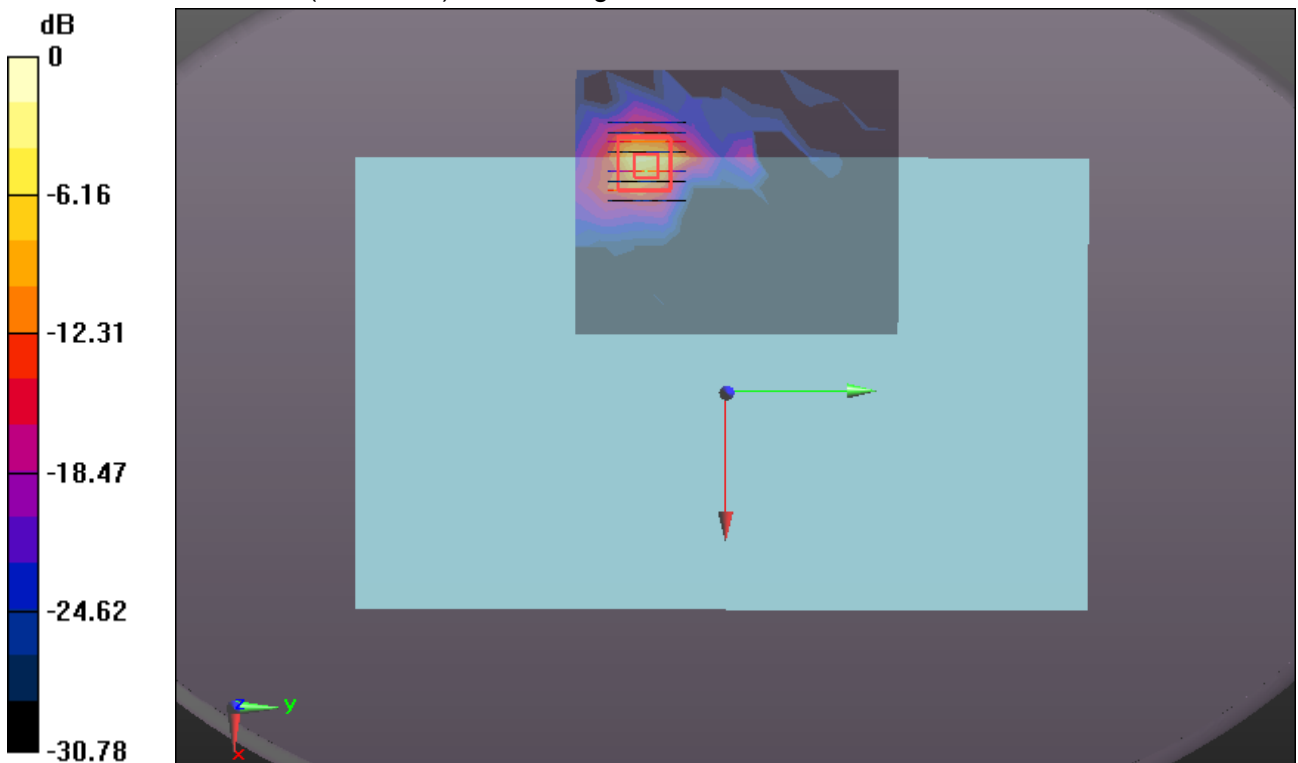
**WIFI/IEEE802.11a Body Rear CH157/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.057 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.10 W/kg

**SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH165**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.989$  S/m;  $\epsilon_r = 46.468$ ;  $\rho = 1000$  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(4.45, 4.45, 4.45); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH165/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.51 W/kg

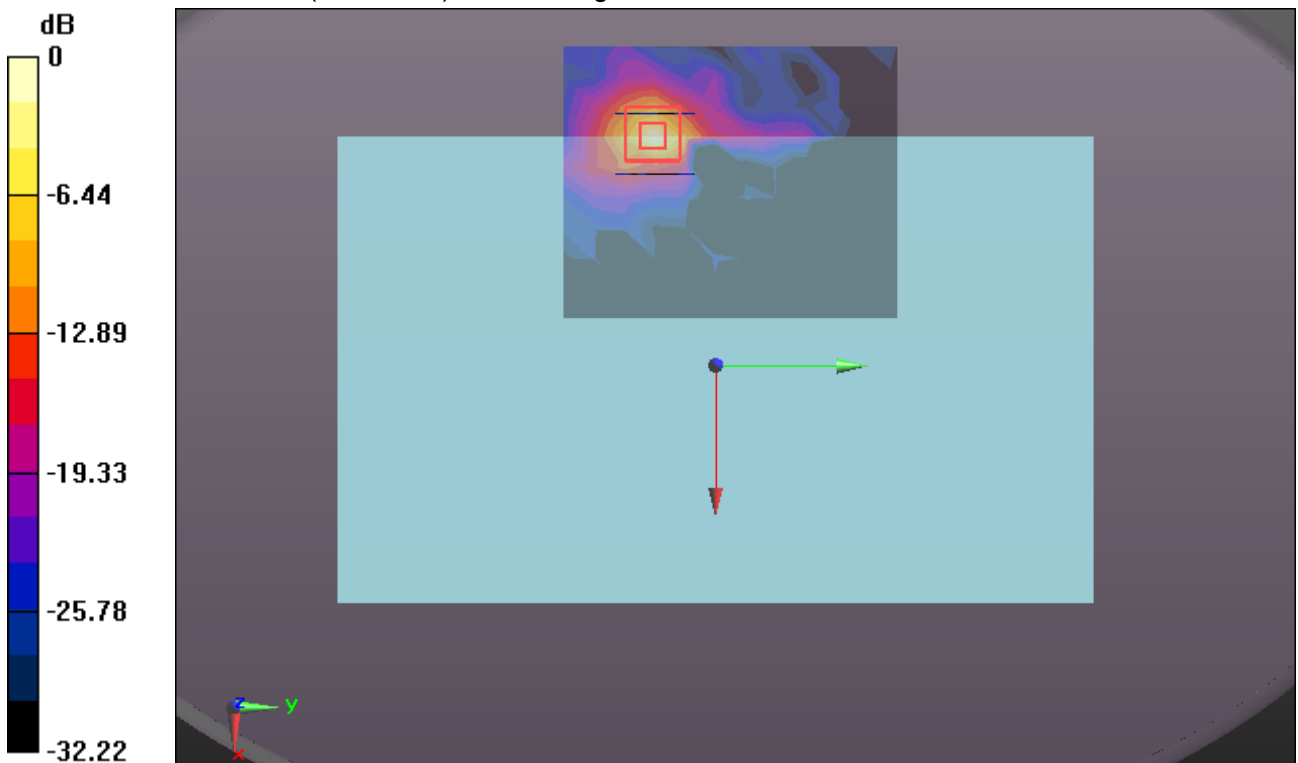
**WIFI/IEEE802.11a Body Rear CH165/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.894 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.17 W/kg

**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.115 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: 8/26/2017

**WIFI 802.11 a-Body Edge 1 CH52**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.237$  S/m;  $\epsilon_r = 47.617$ ;  $\rho = 1000$  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(4.67, 4.67, 4.67); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Edge 1 CH52/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.697 W/kg

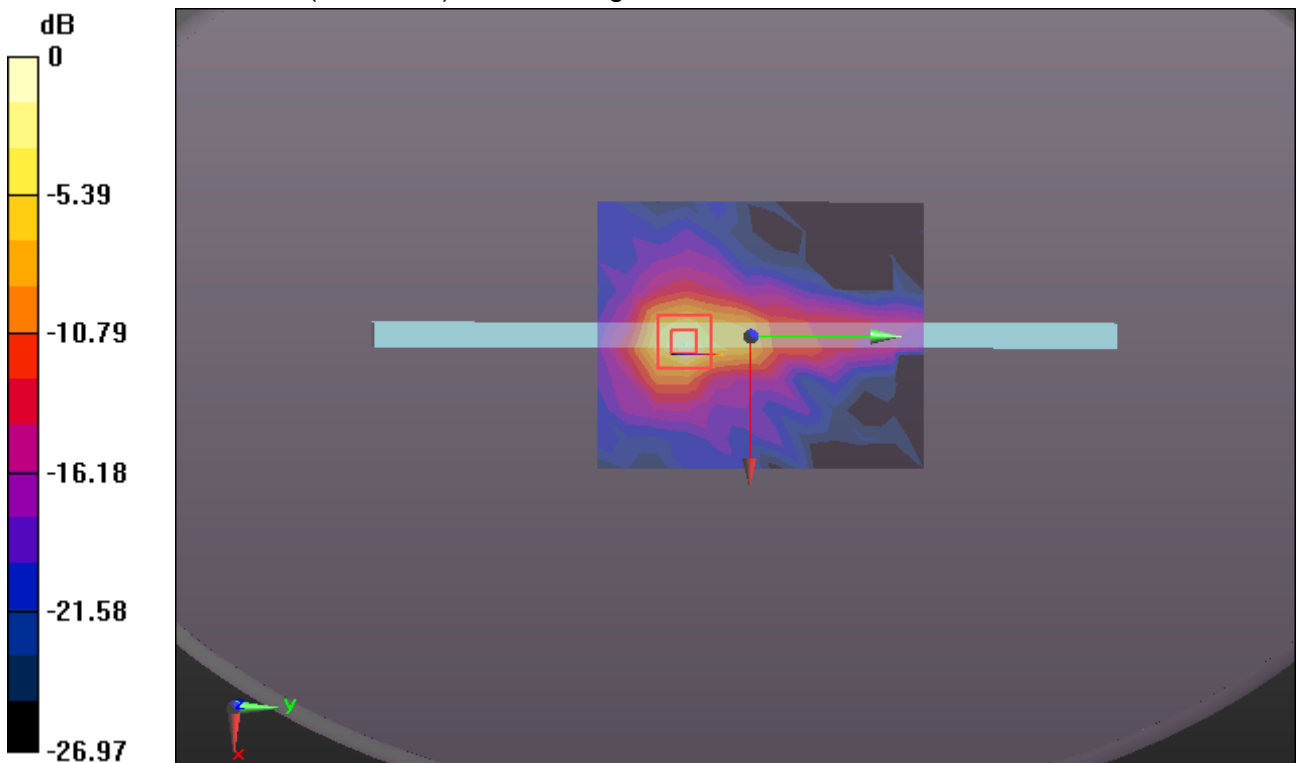
**WIFI/IEEE802.11a Body Edge 1 CH52/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.892 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821 W/kg = -0.86 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Edge 1 CH100**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.569$  S/m;  $\epsilon_r = 47.123$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Edge 1 CH100/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.59 W/kg

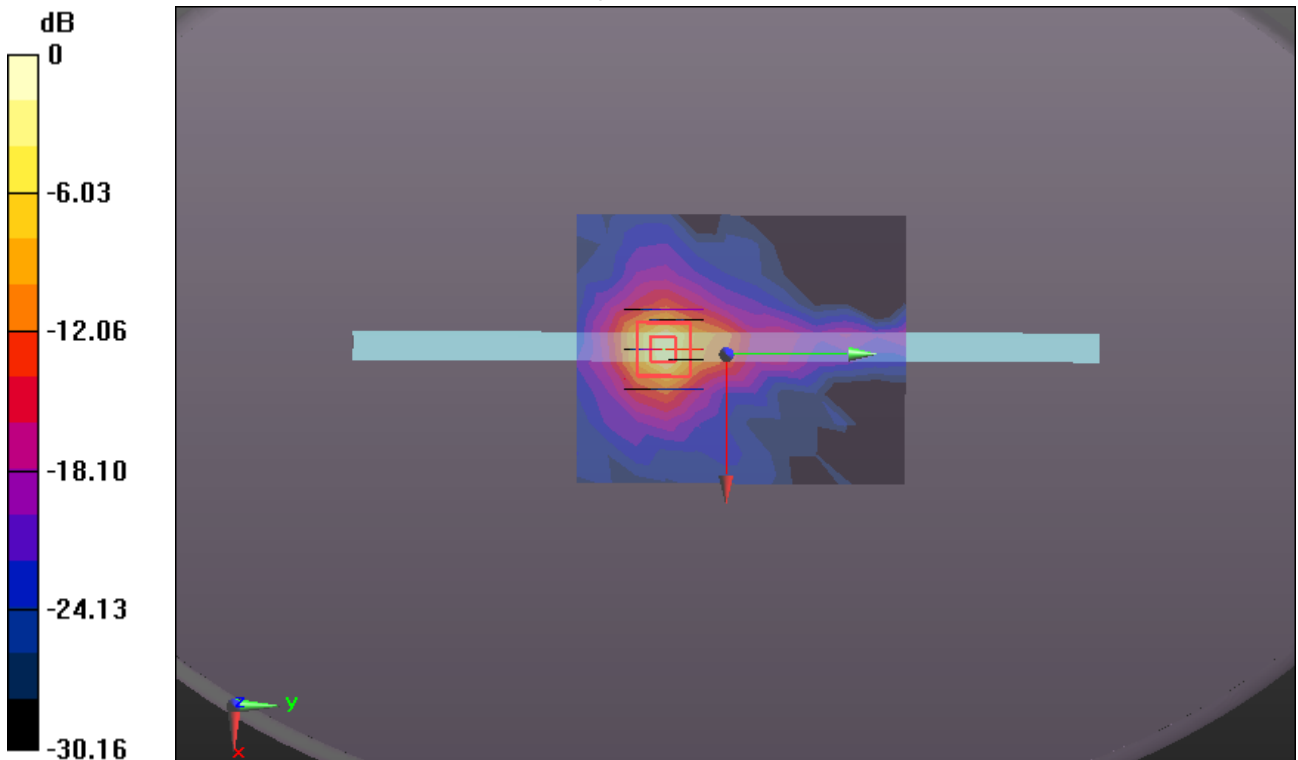
**WIFI/IEEE802.11a Body Edge 1 CH100/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.982 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.60 W/kg

**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.269 W/kg**

Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Edge 1 CH116**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.667$  S/m;  $\epsilon_r = 46.906$ ;  $\rho = 1000$  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(4.18, 4.18, 4.18); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Edge 1 CH116/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.56 W/kg

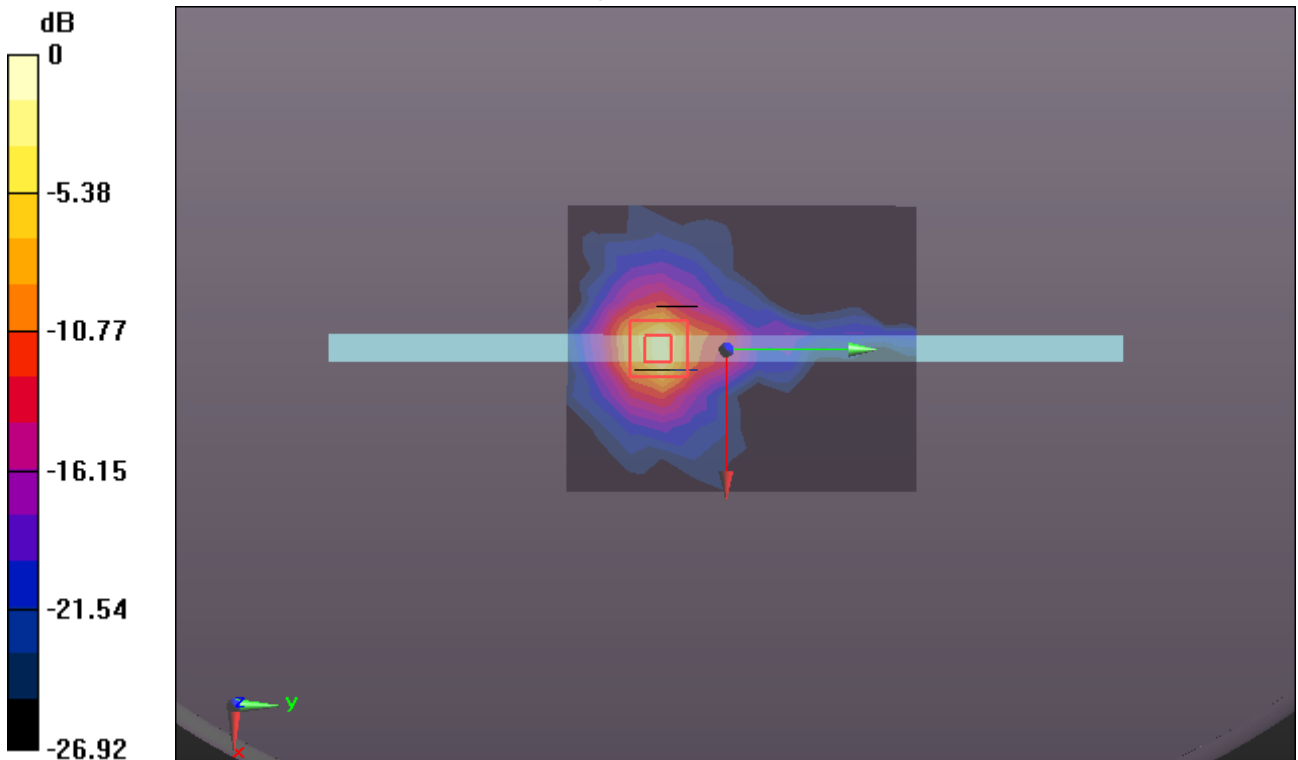
**WIFI/IEEE802.11a Body Edge 1 CH116/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.245 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.65 W/kg

**SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 2.60 W/kg



0 dB = 2.60 W/kg = 4.15 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Edge 1 CH157**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.952$  S/m;  $\epsilon_r = 46.546$ ;  $\rho = 1000$  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(4.45, 4.45, 4.45); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Edge 1 CH157/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

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

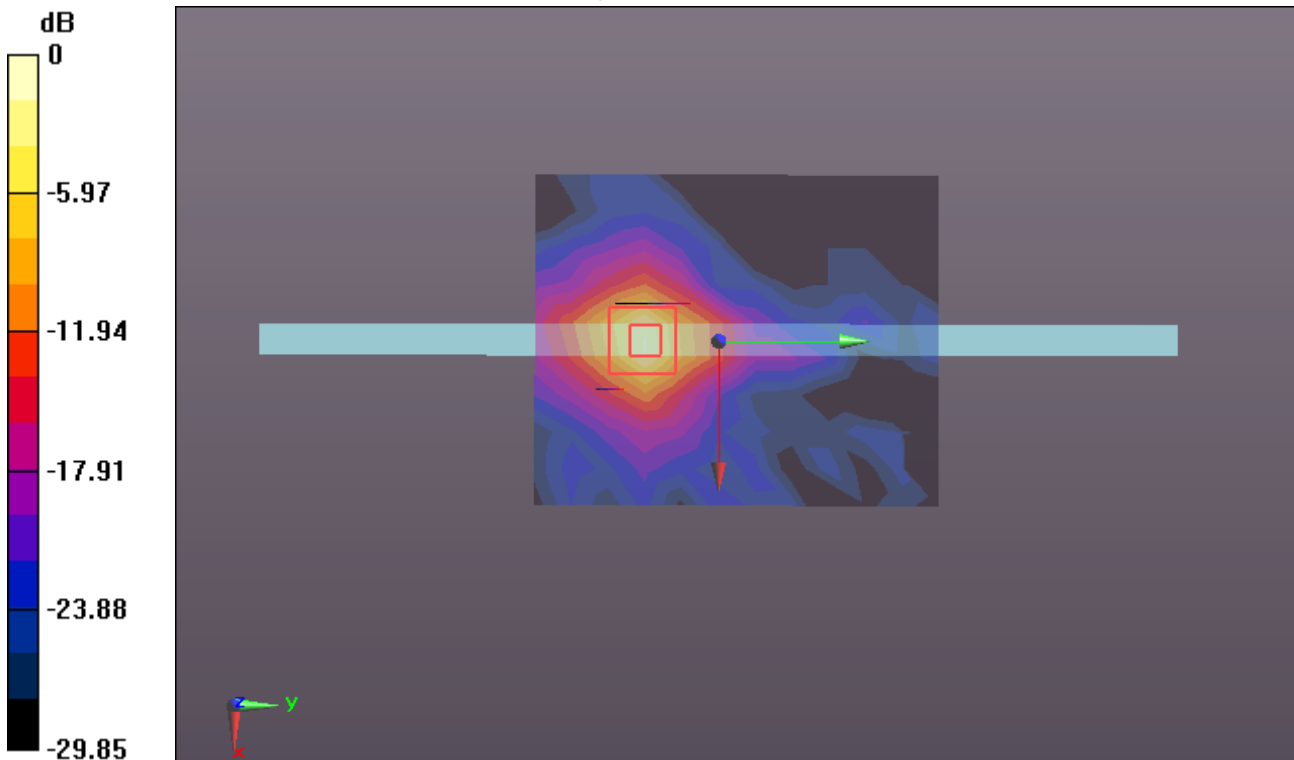
**WIFI/IEEE802.11a Body Edge 1 CH157/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.530 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.04 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH60 repeat**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.289$  S/m;  $\epsilon_r = 47.527$ ;  $\rho = 1000$  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(4.67, 4.67, 4.67); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH60 repeat/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.33 W/kg

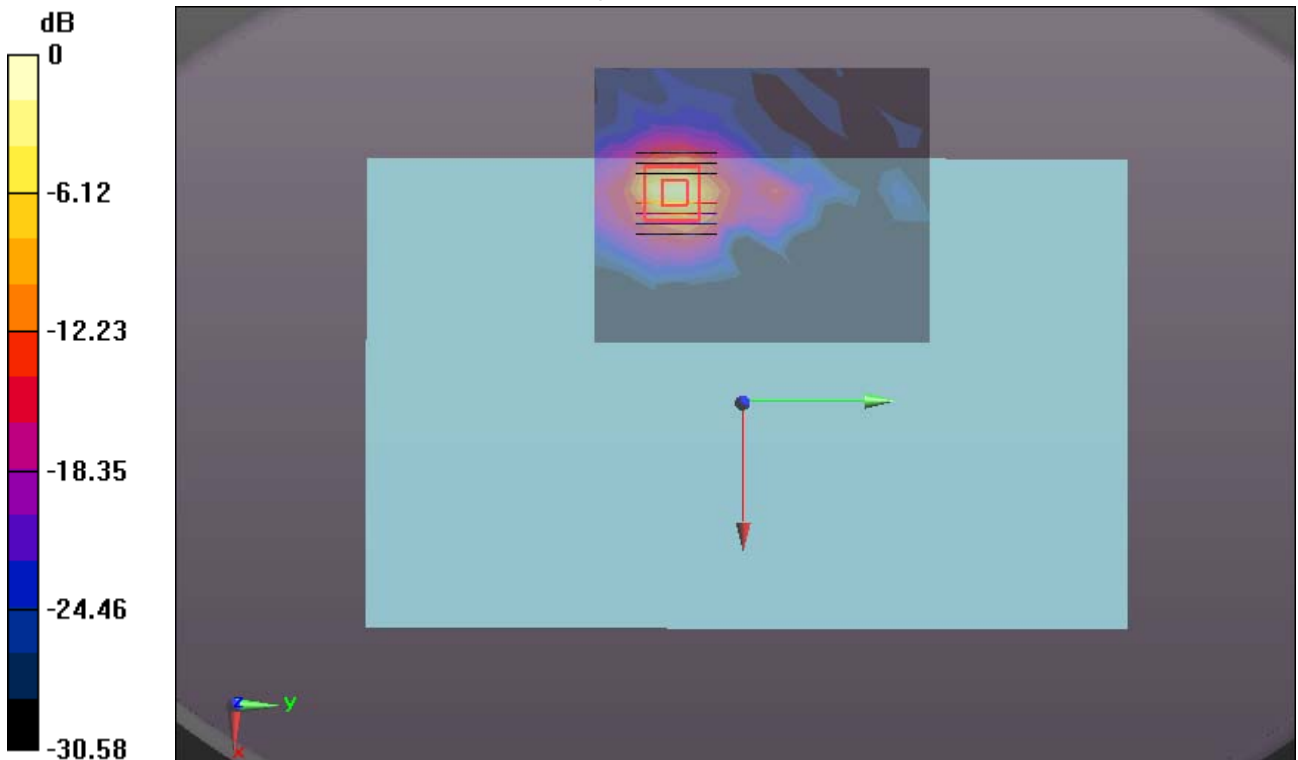
**WIFI/IEEE802.11a Body Rear CH60 repeat/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.019 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 5.94 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 3.25 W/kg



0 dB = 3.25 W/kg = 5.12 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Rear CH116 repeat**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.667$  S/m;  $\epsilon_r = 46.906$ ;  $\rho = 1000$  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(4.18, 4.18, 4.18); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Rear CH116 repeat/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.02 W/kg

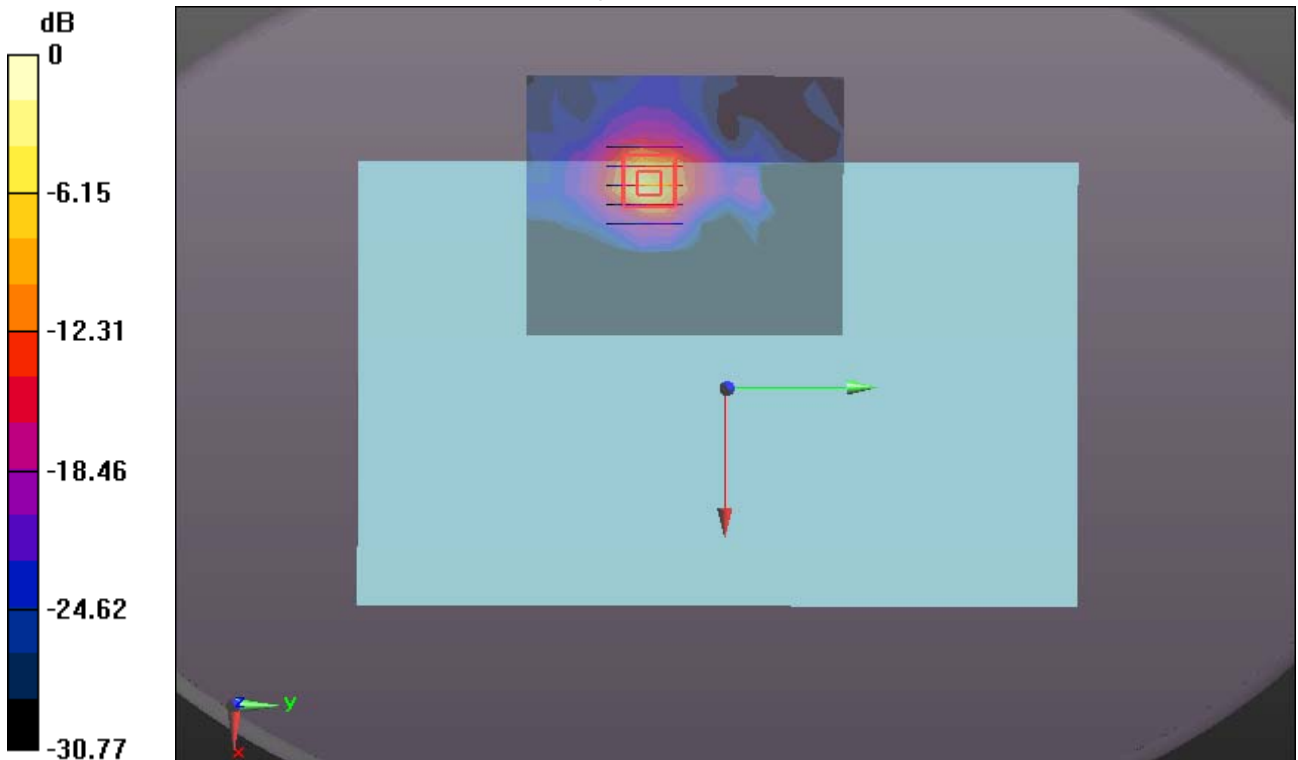
**WIFI/IEEE802.11a Body Rear CH116 repeat/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.806 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.15 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.236 W/kg**

Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.10 W/kg = 4.91 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2017

**WIFI 802.11 a-Body Edge 1 CH100 repeat**

**DUT: Prodigy Connect 12; Type: PGI-400; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band III;

Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.569$  S/m;  $\epsilon_r = 47.123$ ;  $\rho = 1000$  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(4.26, 4.26, 4.26); Calibrated: 7/26/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI/IEEE802.11a Body Edge 1 CH100 repeat/Area Scan (10x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.61 W/kg

**WIFI/IEEE802.11a Body Edge 1 CH100 repeat/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:

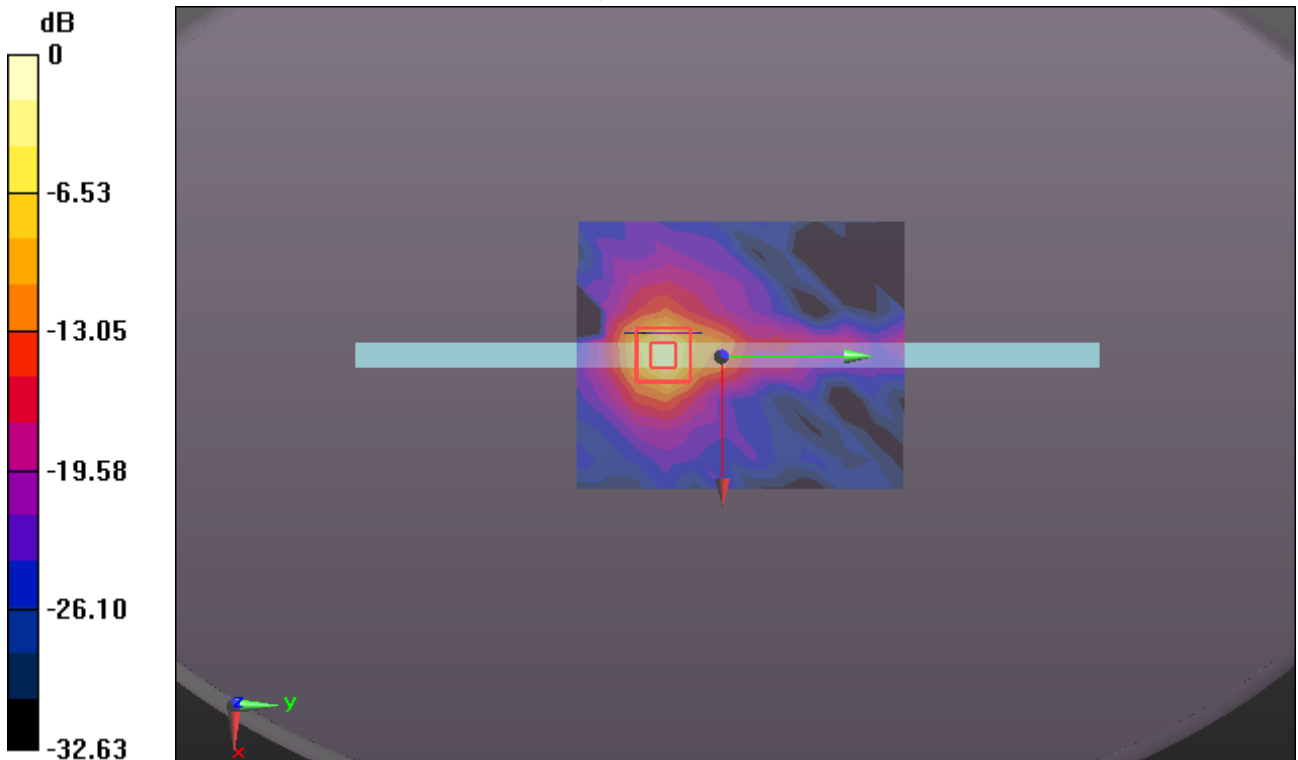
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.471 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.66 W/kg

**SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.268 W/kg**

Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 2.66 W/kg = 4.25 dBW/kg