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Test Laboratory: Compliance Certification Services Inc.

Date: 6/25/2018

WiFi 802.11b -Body Front CH1 ANT1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.139$; $\rho = 1000$ kg/m³

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: 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/Body Front CH1 ANT1/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0313 W/kg

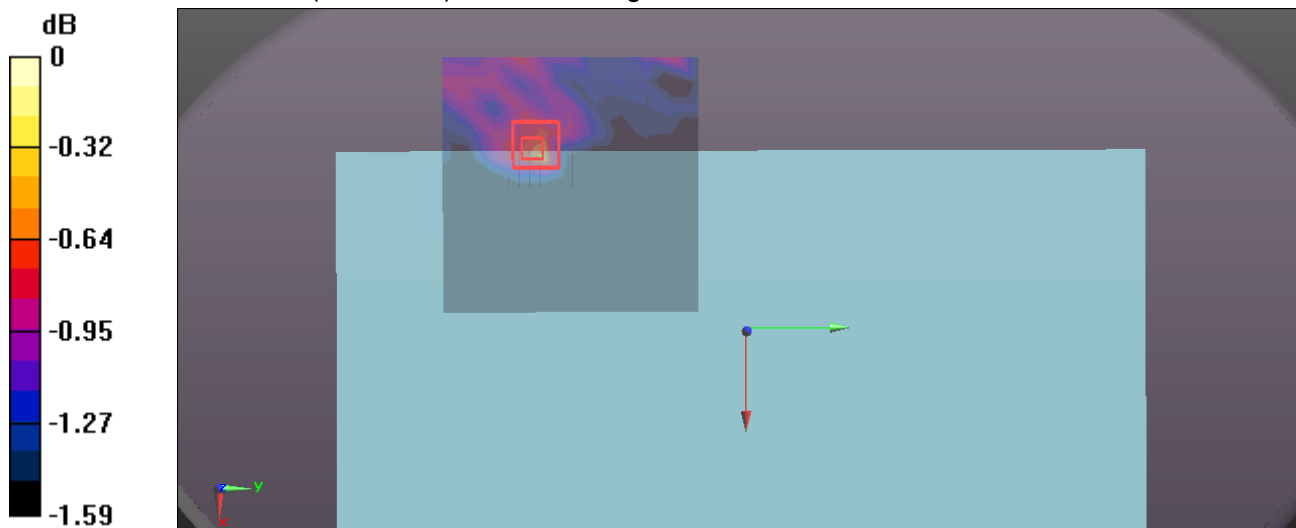
WiFi/Body Front CH1 ANT1/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.009 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0348 W/kg



0 dB = 0.0348 W/kg = -14.58 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/25/2018

WiFi 802.11b -Body Front CH1 ANT2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.139$; $\rho = 1000$ kg/m³

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: 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/Body Front CH1 ANT2/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0470 W/kg

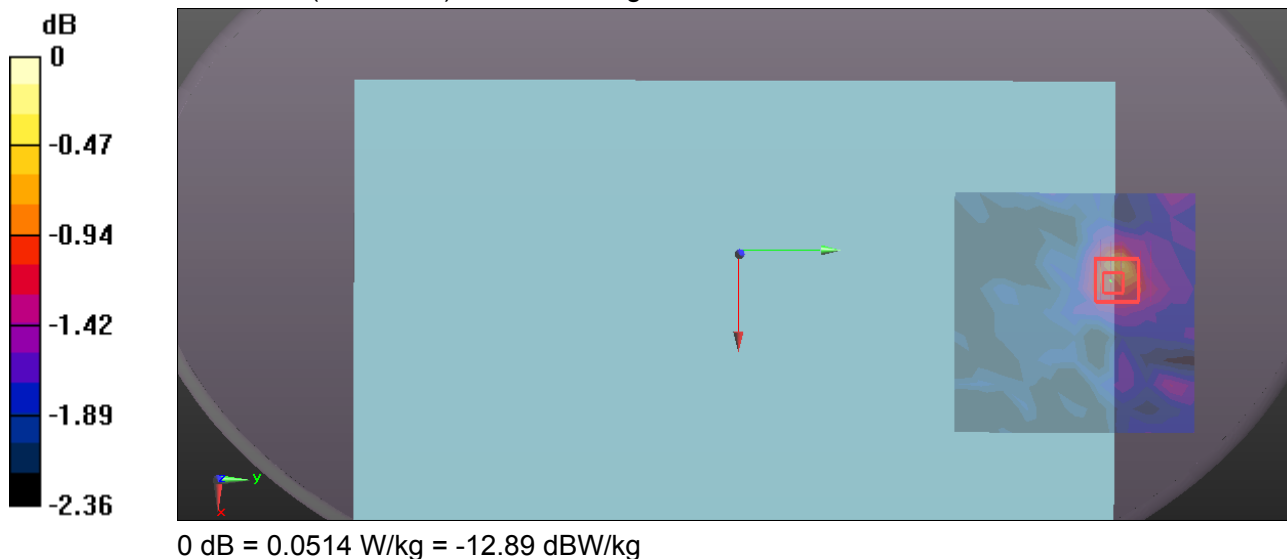
WiFi/Body Front CH1 ANT2/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.720 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0514 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 6/25/2018

WiFi 802.11b -Head Front CH1 ANT1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 2412 \text{ MHz}$; $\sigma = 1.734 \text{ S/m}$; $\epsilon_r = 39.184$; $\rho = 1000 \text{ kg/m}^3$

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(7.4, 7.4, 7.4); Calibrated: 7/26/2017;
- 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/Head Front CH1 ANT1/Area Scan (11x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.0278 W/kg

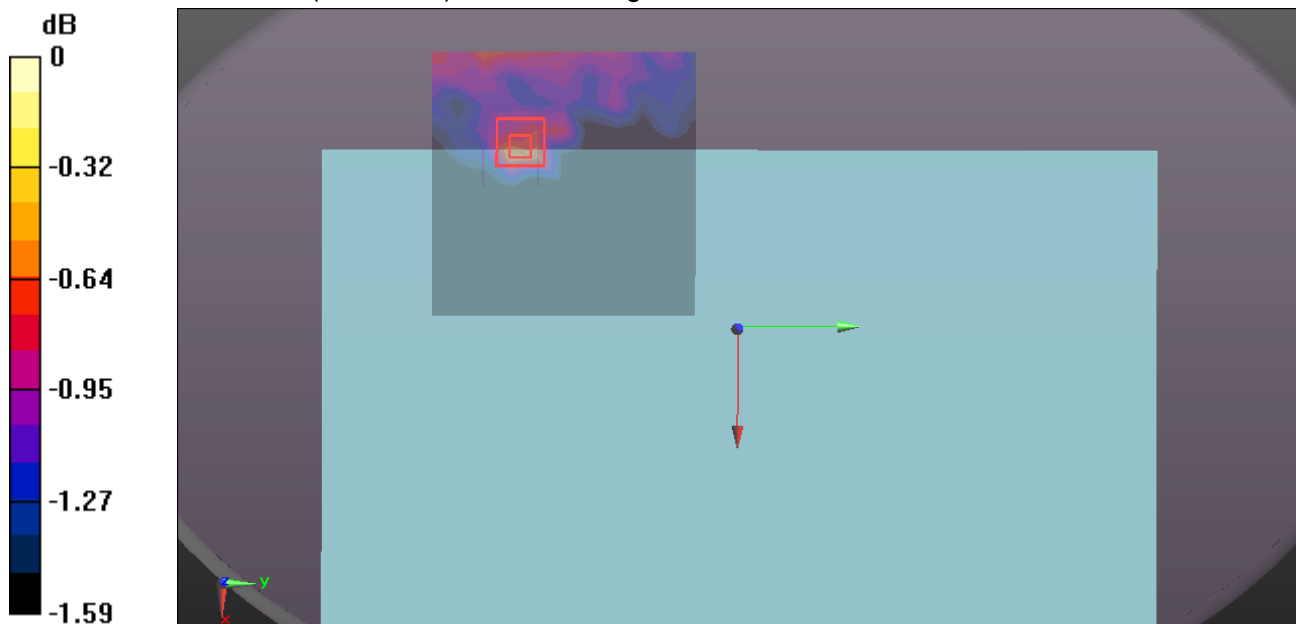
WiFi/Head Front CH1 ANT1/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.198 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0309 W/kg



0 dB = 0.0309 W/kg = -15.10 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/25/2018

WiFi 802.11b -Head Front CH1 ANT2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 2412 \text{ MHz}$; $\sigma = 1.734 \text{ S/m}$; $\epsilon_r = 39.184$; $\rho = 1000 \text{ kg/m}^3$

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(7.4, 7.4, 7.4); Calibrated: 7/26/2017;
- 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/Head Front CH1 ANT2/Area Scan (11x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.0407 W/kg

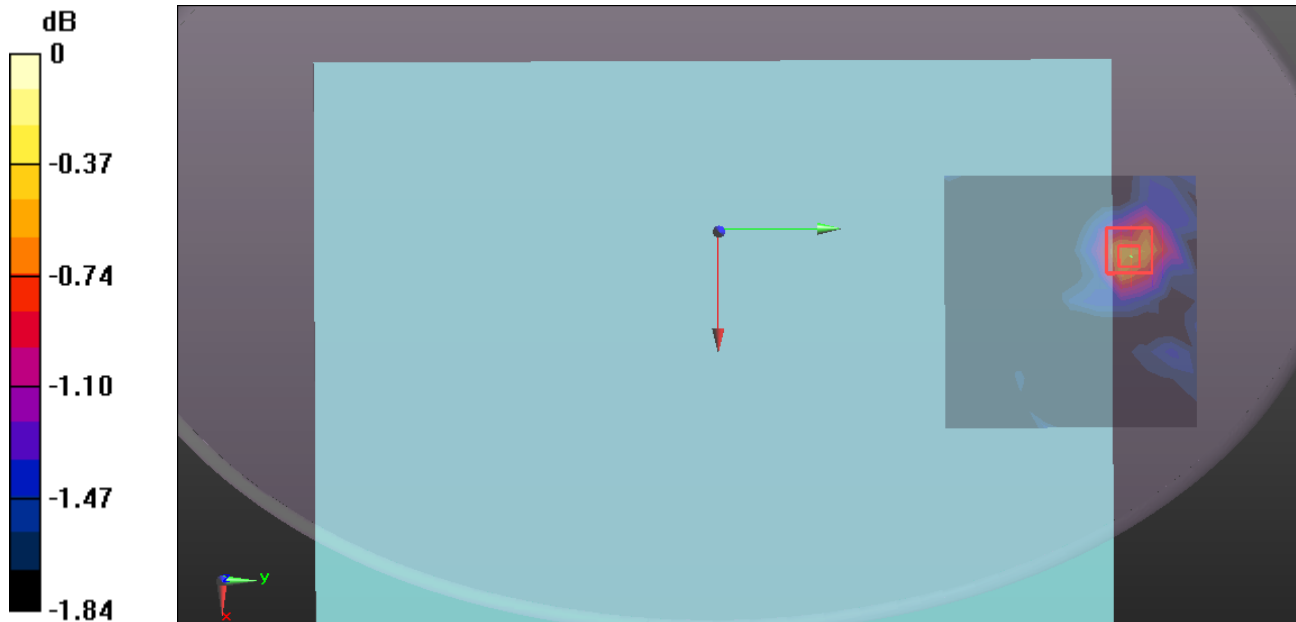
WiFi/Head Front CH1 ANT2/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.809 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0443 W/kg



0 dB = 0.0443 W/kg = -13.54 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Body Front CH36 ANT1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.312$ S/m; $\epsilon_r = 47.634$; $\rho = 1000$ kg/m³

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(4.81, 4.81, 4.81); 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
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Front CH36 ANT1/Area Scan (14x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.251 W/kg

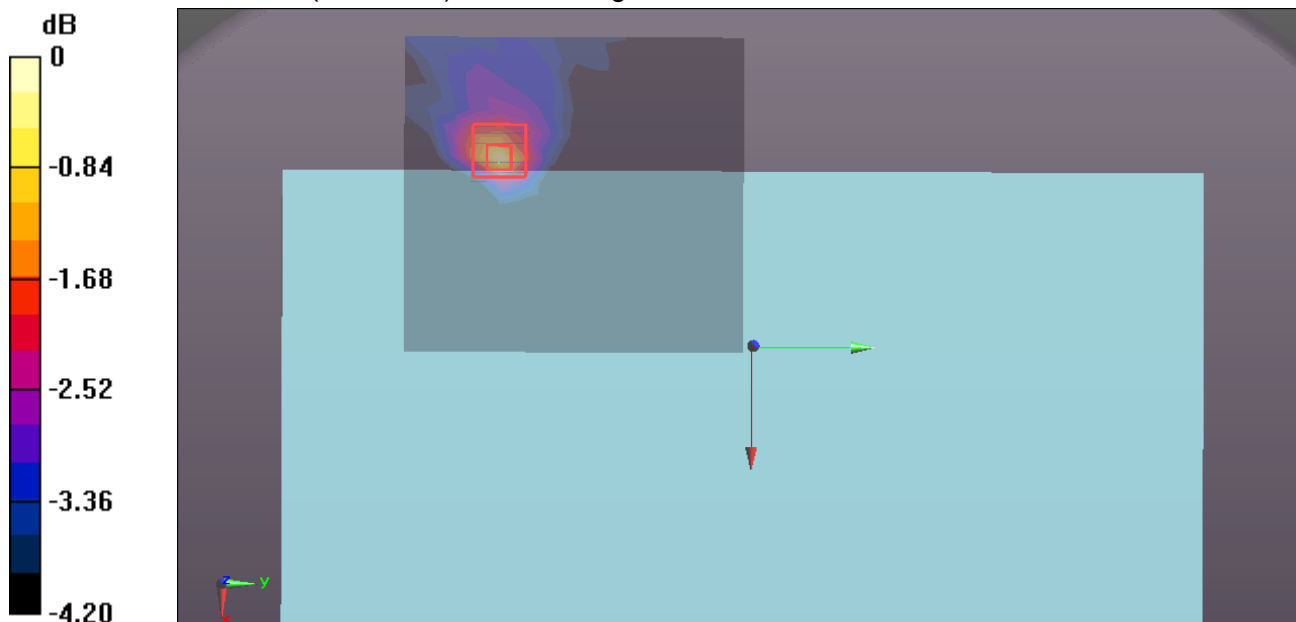
WIFI/Body Front CH36 ANT1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.928 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Body Front CH157 ANT1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5785 \text{ MHz}$; $\sigma = 6.216 \text{ S/m}$; $\epsilon_r = 46.225$; $\rho = 1000 \text{ kg/m}^3$

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/Body Front CH157 ANT1/Area Scan (14x15x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.385 W/kg

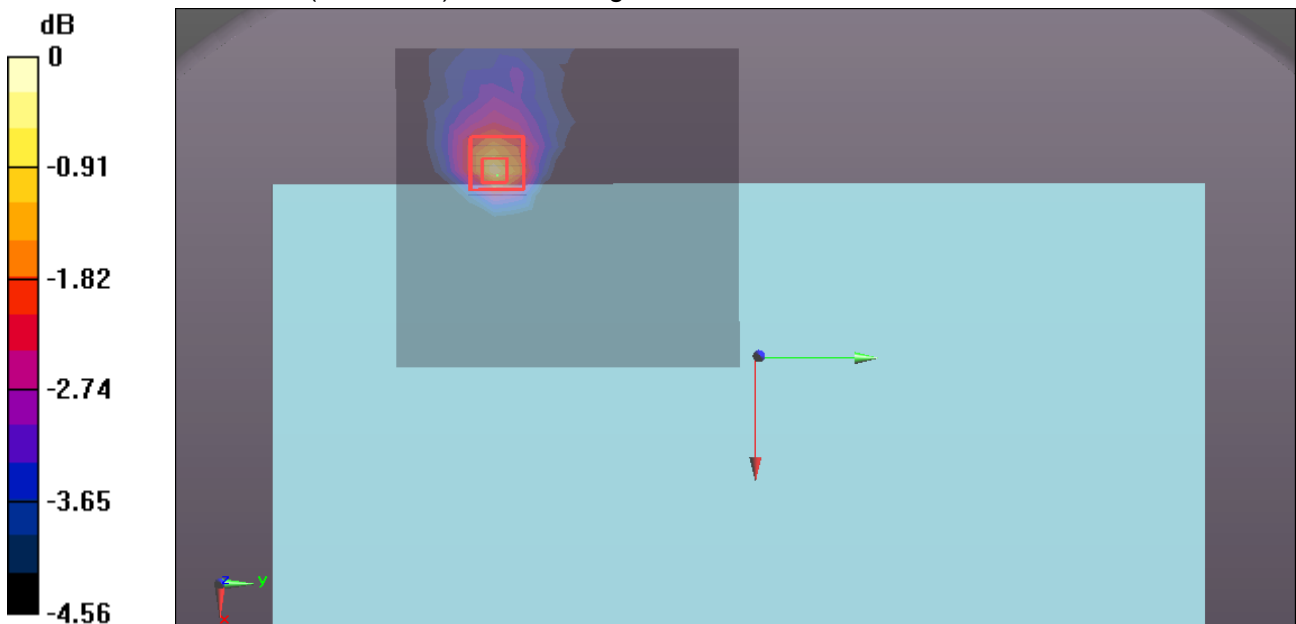
WIFI/Body Front CH157 ANT1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.121 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.255 W/kg ; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Body Front CH36 ANT2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.312$ S/m; $\epsilon_r = 47.634$; $\rho = 1000$ kg/m³

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(4.81, 4.81, 4.81); 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/Body Front CH36 ANT2/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.165 W/kg

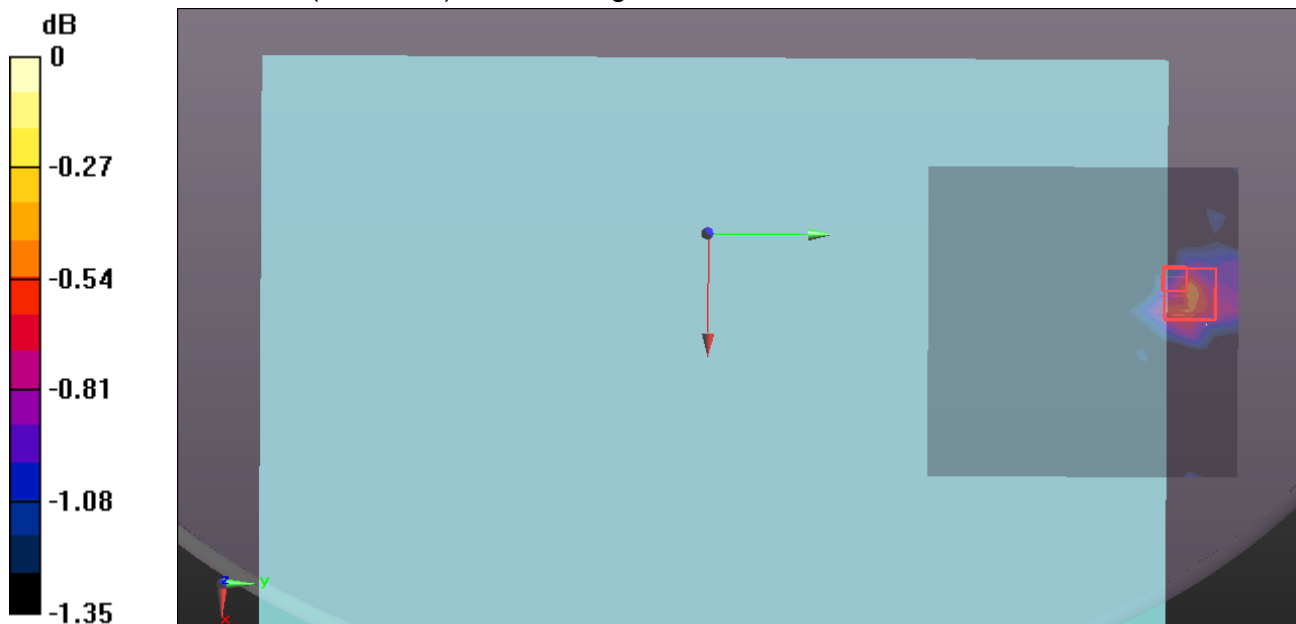
WIFI/Body Front CH36 ANT2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.014 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Body Front CH165 ANT2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5825 \text{ MHz}$; $\sigma = 6.286 \text{ S/m}$; $\epsilon_r = 46.145$; $\rho = 1000 \text{ kg/m}^3$

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/Body Front CH165 ANT2/Area Scan (14x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.367 W/kg

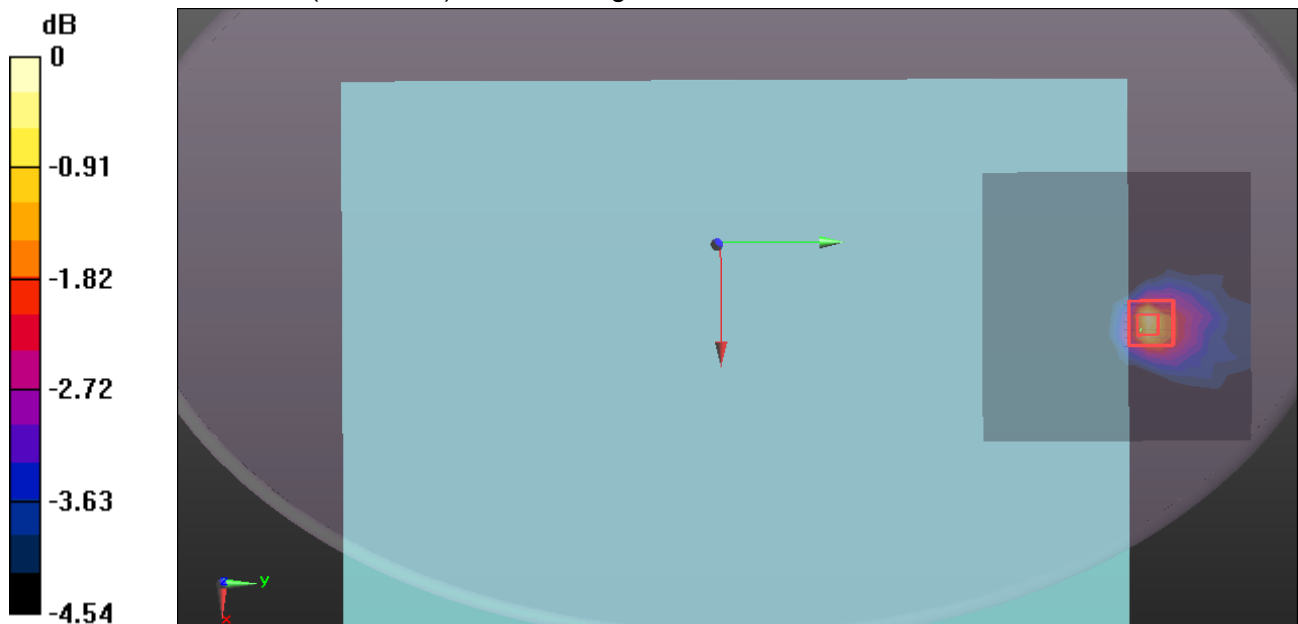
WIFI/Body Front CH165 ANT2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.119 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg = -4.16 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Head Front CH36 ANT1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.504$ S/m; $\epsilon_r = 35.217$; $\rho = 1000$ kg/m³

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(5.2, 5.2, 5.2); 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/Head Front CH36 ANT1/Area Scan (14x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.197 W/kg

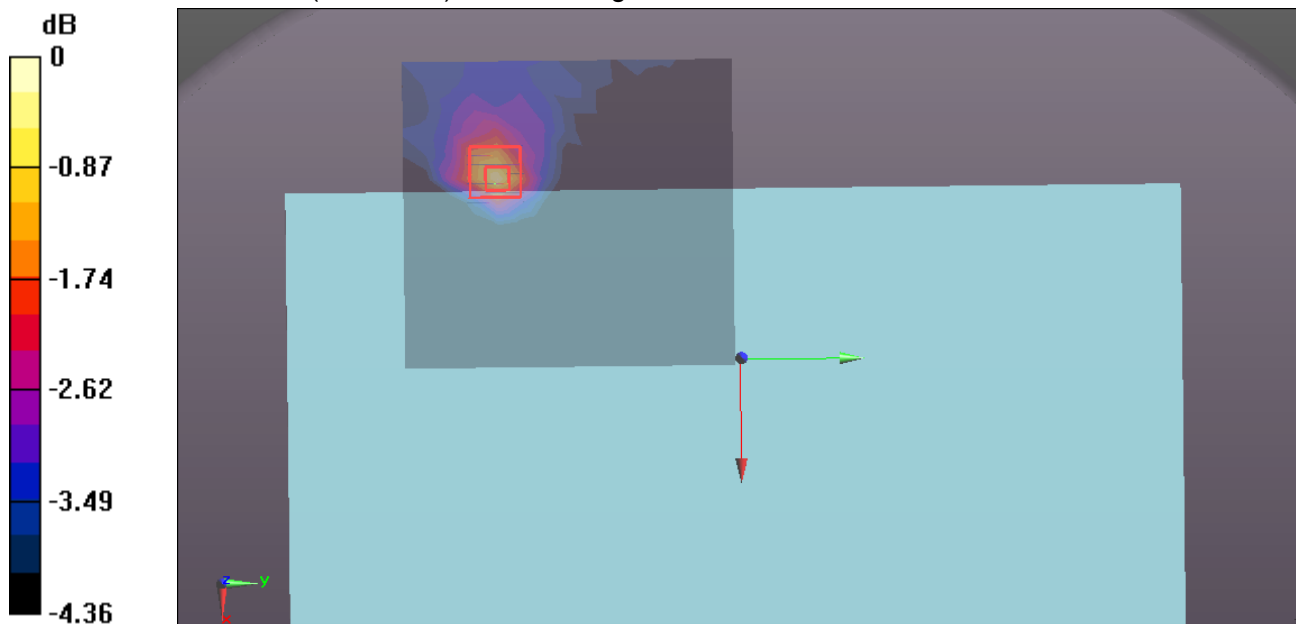
WIFI/Head Front CH36 ANT1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.741 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Head Front CH157 ANT1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5785 \text{ MHz}$; $\sigma = 5.195 \text{ S/m}$; $\epsilon_r = 33.86$; $\rho = 1000 \text{ kg/m}^3$

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(4.79, 4.79, 4.79); 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
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Head Front CH157 ANT1/Area Scan (14x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.295 W/kg

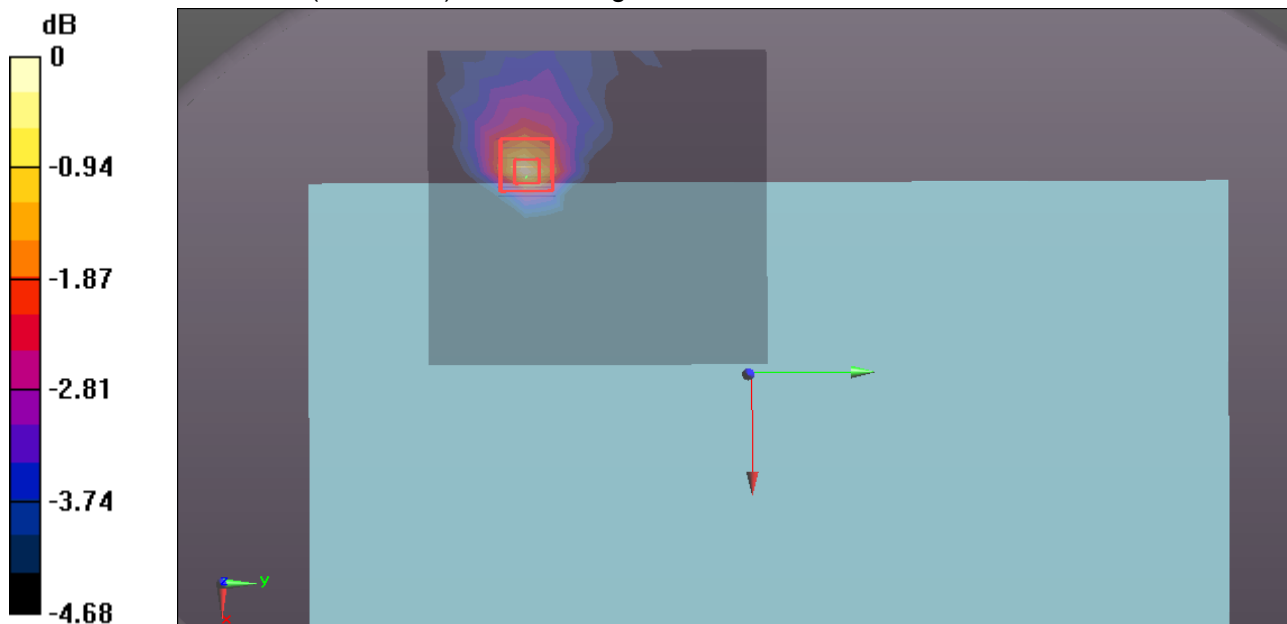
WIFI/Head Front CH157 ANT1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.890 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Head Front CH36 ANT2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.504$ S/m; $\epsilon_r = 35.217$; $\rho = 1000$ kg/m³

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(5.2, 5.2, 5.2); 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/Head Front CH36 ANT2/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.285 W/kg

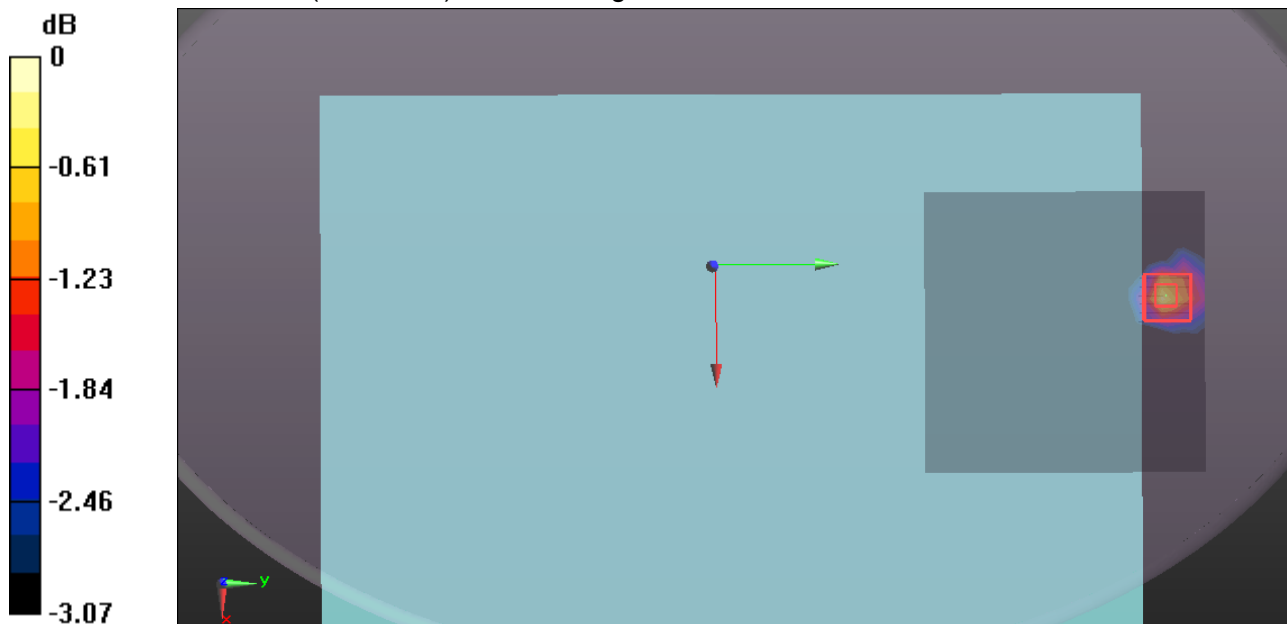
WIFI/Head Front CH36 ANT2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.628 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 6/29/2018

WIFI 802.11a -Head Front CH165 ANT2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5825 \text{ MHz}$; $\sigma = 5.228 \text{ S/m}$; $\epsilon_r = 33.832$; $\rho = 1000 \text{ kg/m}^3$

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(4.79, 4.79, 4.79); 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/Head Front CH165 ANT2/Area Scan (14x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.284 W/kg

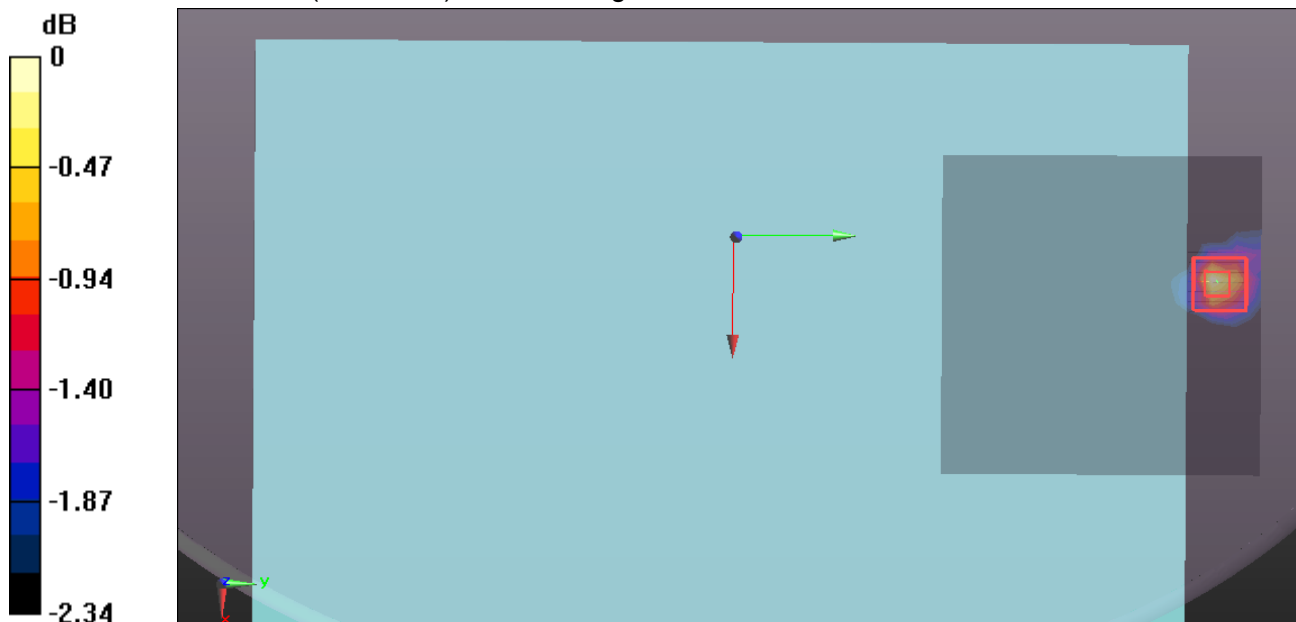
WIFI/Head Front CH165 ANT2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 5.159 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 10/10/2018

WIFI 802.11a –Body Front CH165 ANT1+ANT2 for scan 1

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5825 \text{ MHz}$; $\sigma = 6.153 \text{ S/m}$; $\epsilon_r = 47.012$; $\rho = 1000 \text{ kg/m}^3$

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:

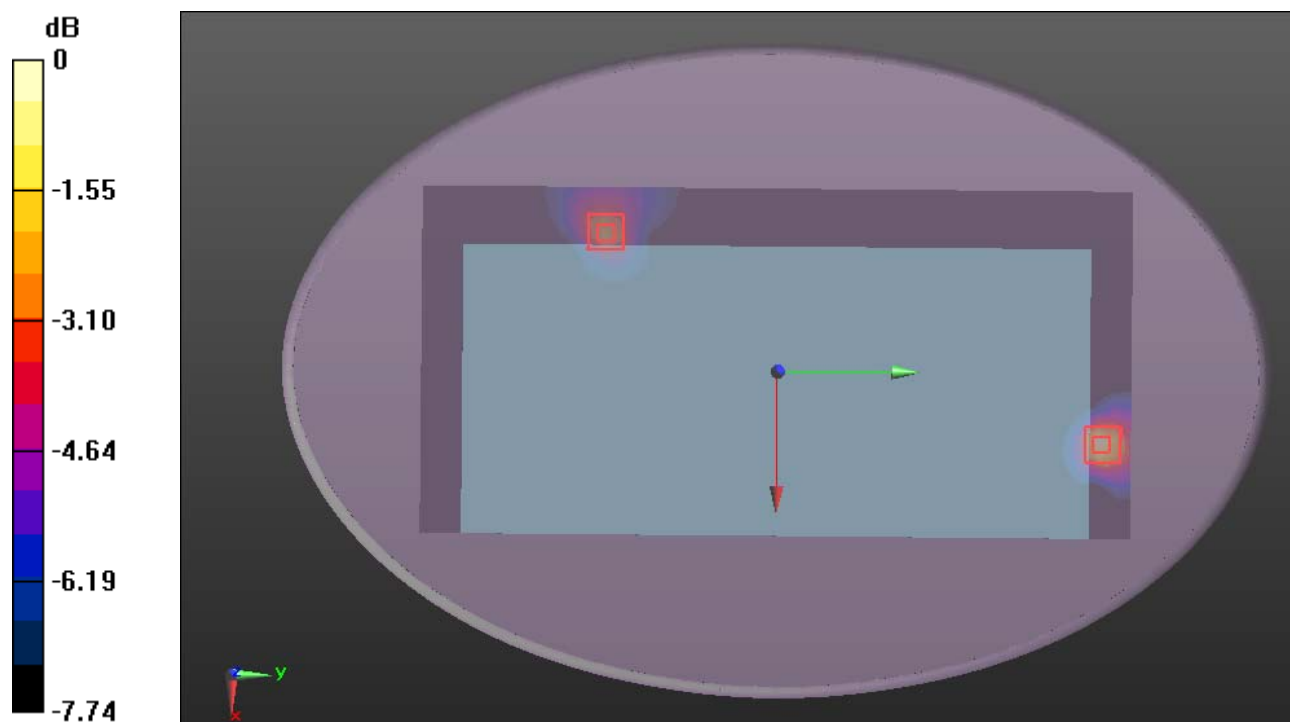
- Probe: EX3DV4 - SN3798; ConvF(4.18, 4.18, 4.18); Calibrated: 7/27/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/17/2018
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Front CH165 ANT1/Area Scan (22x44x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.374 W/kg

WIFI/Body Front CH165 ANT2/Area Scan (22x44x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 10/10/2018

WIFI 802.11a -Body Front CH165 ANT1 scan 2

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5825 \text{ MHz}$; $\sigma = 6.153 \text{ S/m}$; $\epsilon_r = 47.012$; $\rho = 1000 \text{ kg/m}^3$

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

Phantom section: Flat Section

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

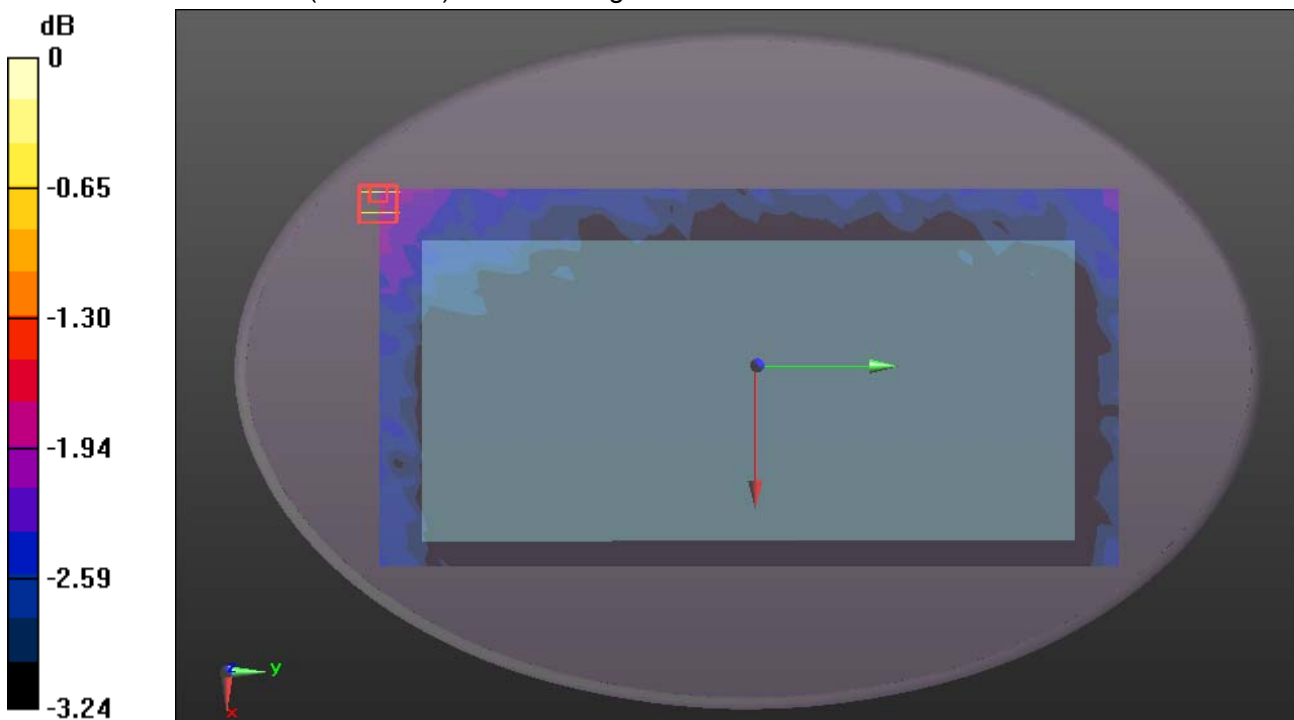
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.18, 4.18, 4.18); Calibrated: 7/27/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/17/2018
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Front CH165 ANT1 scan 2/Area Scan (23x44x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.117 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 10/10/2018

WIFI 802.11a -Body Front CH165 ANT1 scan 3

DUT: WIRELESS DIGITAL FLAT PANEL DETECTOR; Type: MARS1417XF-GSI; Serial: Mars1417XF-CSI

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: $f = 5825 \text{ MHz}$; $\sigma = 6.153 \text{ S/m}$; $\epsilon_r = 47.012$; $\rho = 1000 \text{ kg/m}^3$

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

Phantom section: Flat Section

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

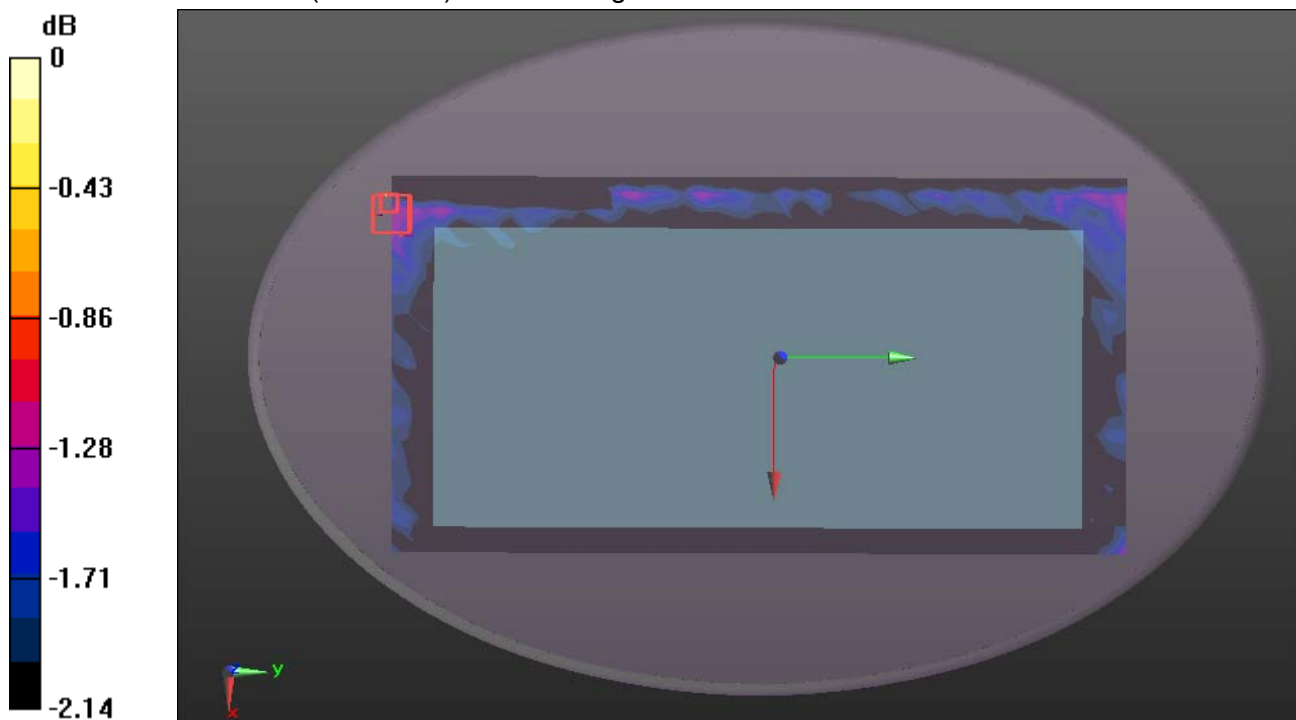
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.18, 4.18, 4.18); Calibrated: 7/27/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/17/2018
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Front CH165 ANT1 scan 3/Area Scan (23x44x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0973 W/kg

Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg = -8.89 dBW/kg