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Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2015

WiFi 802.11b -Body Bottom CH6 Main Antenna

DUT: Notebook computer; Type: Y700-15; 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: $f = 2437 \text{ MHz}$; $\sigma = 1.944 \text{ S/m}$; $\epsilon_r = 51.735$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3661; ConvF(7.31, 7.31, 7.31); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH6 Main Antenna/Area Scan (10x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.436 W/kg

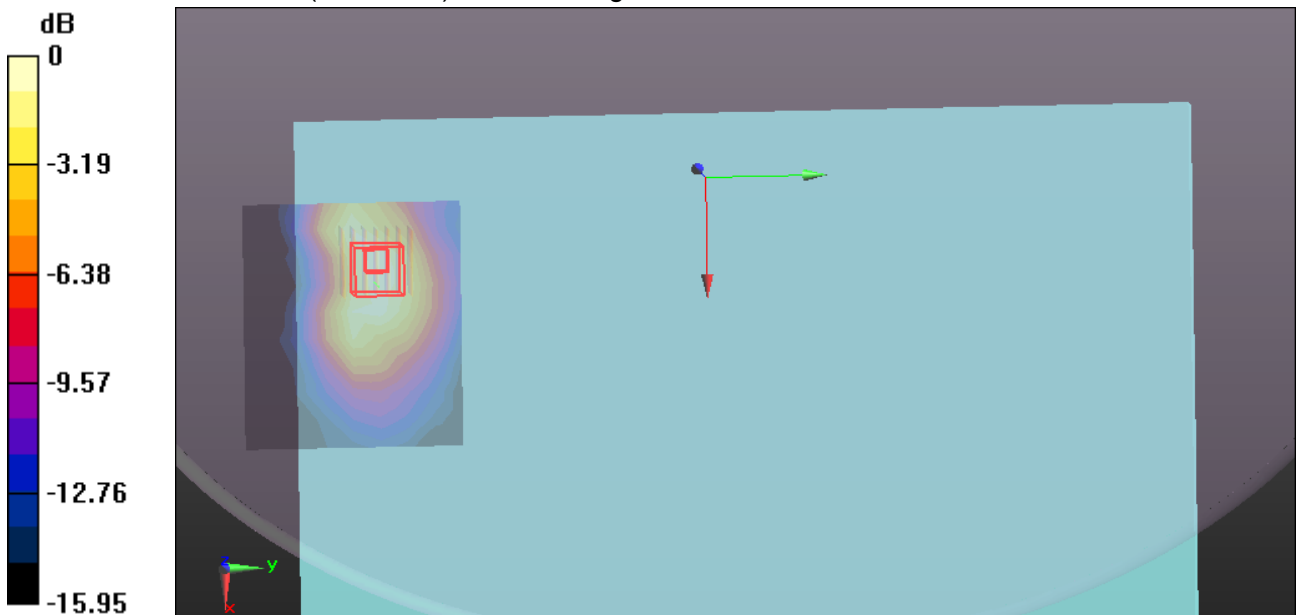
WiFi/Body Bottom CH6 Main Antenna/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5960 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.435 W/kg



0 dB = 0.435 W/kg = -3.62 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/19/2015

WiFi 802.11b -Body Bottom CH6 Main Antenna

DUT: Notebook computer; Type: Y700-15; 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; $\sigma = 1.944$ S/m; $\epsilon_r = 51.735$; $\rho = 1000$ 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 - SN3661; ConvF(7.31, 7.31, 7.31); Calibrated: 4/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH6 Aux Antenna/Area Scan (12x9x1): Measurement grid: dx=12mm, dy=12mm

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

WiFi/Body Bottom CH6 Aux Antenna/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm,

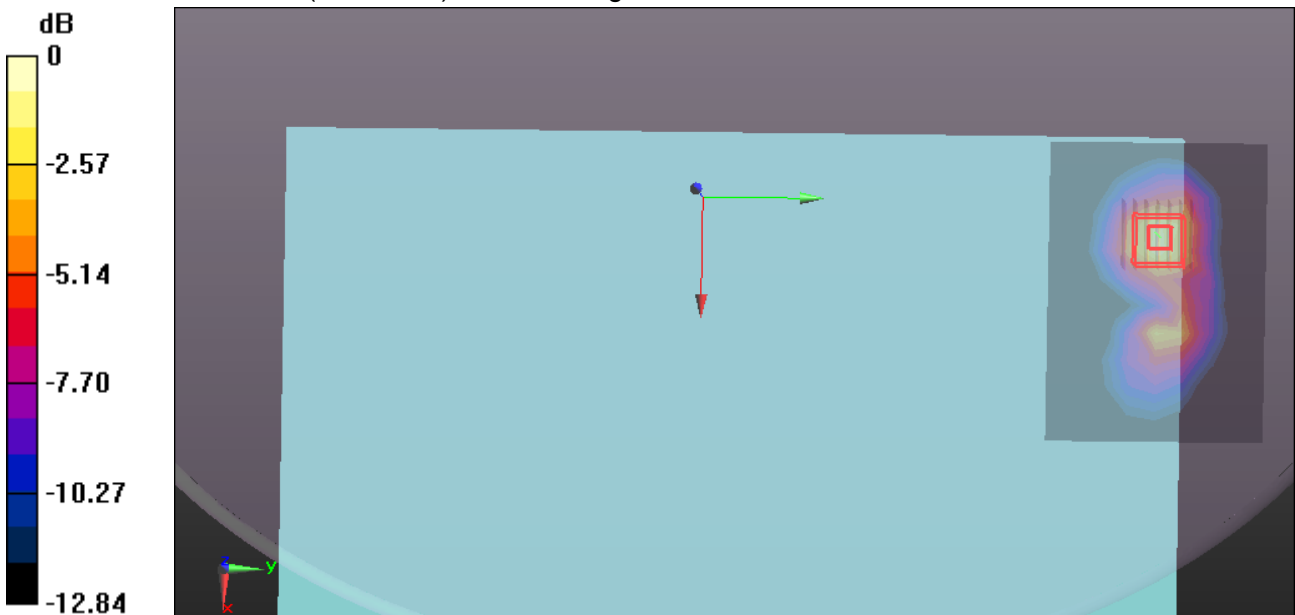
dy=5mm, dz=5mm

Reference Value = 1.907 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.589 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2015

WiFi 802.11ac80 -Body Bottom CH58 Main Antenna

DUT: Notebook computer; Type: Y700-15; Serial: N/A

Communication System: UID 0, IEEE 802.11 5G ac80 (0); Communication System Band: ac80;

Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.434$ S/m; $\epsilon_r = 47.694$; $\rho = 1000$ 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 - SN3661; ConvF(4.64, 4.64, 4.64); Calibrated: 4/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH58 Main Antenna/Area Scan (12x11x1): Measurement grid: dx=10mm, dy=10mm

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

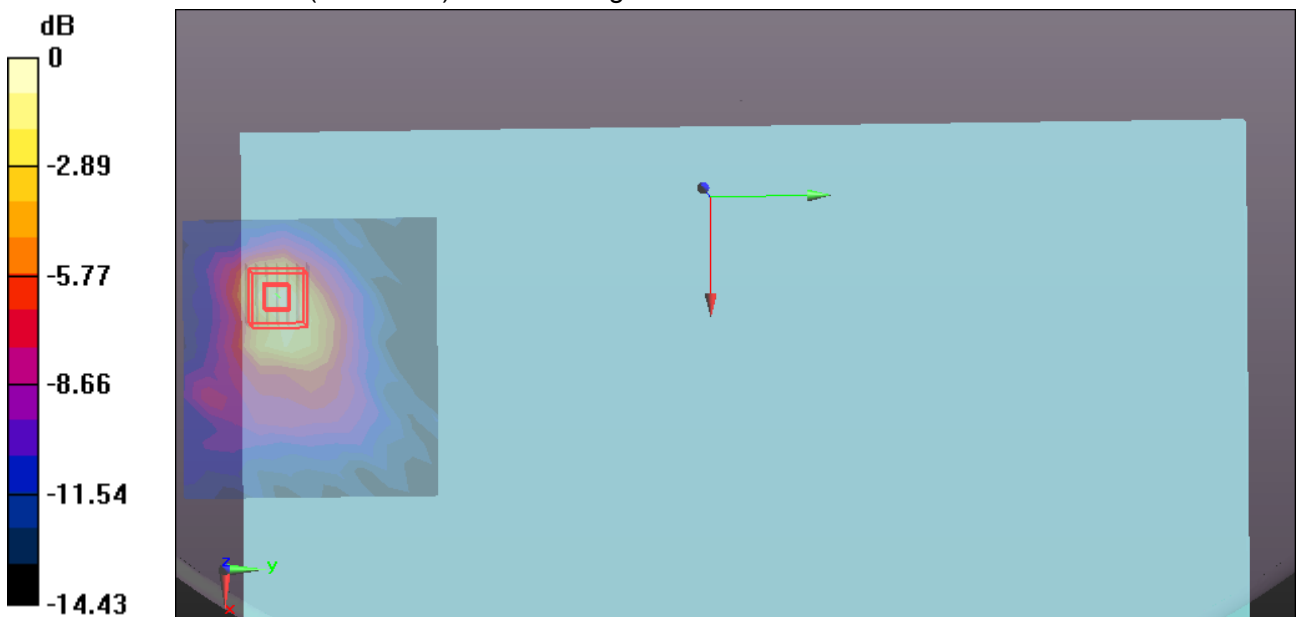
WiFi/Body Bottom CH58 Main Antenna/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.217 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2015

WiFi 802.11n40 -Body Bottom CH126 Main Antenn

DUT: Notebook computer; Type: Y700-15; Serial: N/A

Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;

Frequency: 5630 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5630$ MHz; $\sigma = 5.901$ S/m; $\epsilon_r = 46.928$; $\rho = 1000$ 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 - SN3661; ConvF(4.26, 4.26, 4.26); Calibrated: 4/11/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH126 Main Antenna/Area Scan (12x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.687 W/kg

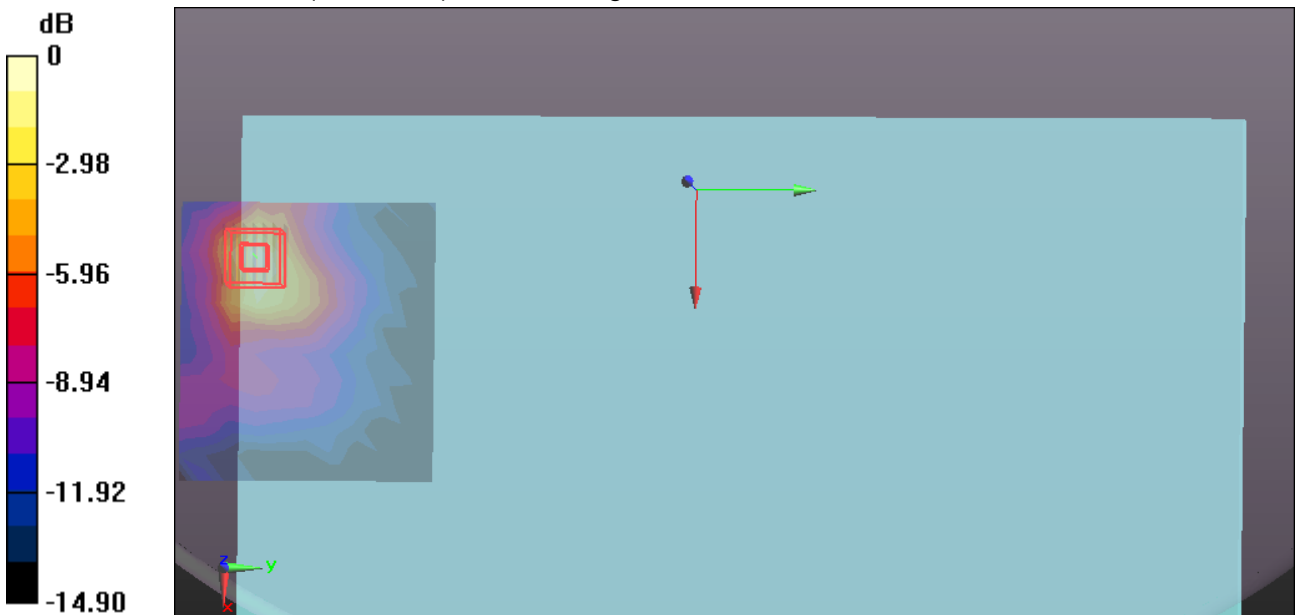
WiFi/Body Bottom CH126 Main Antenna/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.349 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg = -1.52 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2015

WiFi 802.11n40 -Body Bottom CH151 Main Antenna

DUT: Notebook computer; Type: Y700-15; Serial: N/A

Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band IV;

Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.083 \text{ S/m}$; $\epsilon_r = 46.63$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3661; ConvF(4.35, 4.35, 4.35); Calibrated: 4/11/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH151 Main Antenna/Area Scan (12x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.615 W/kg

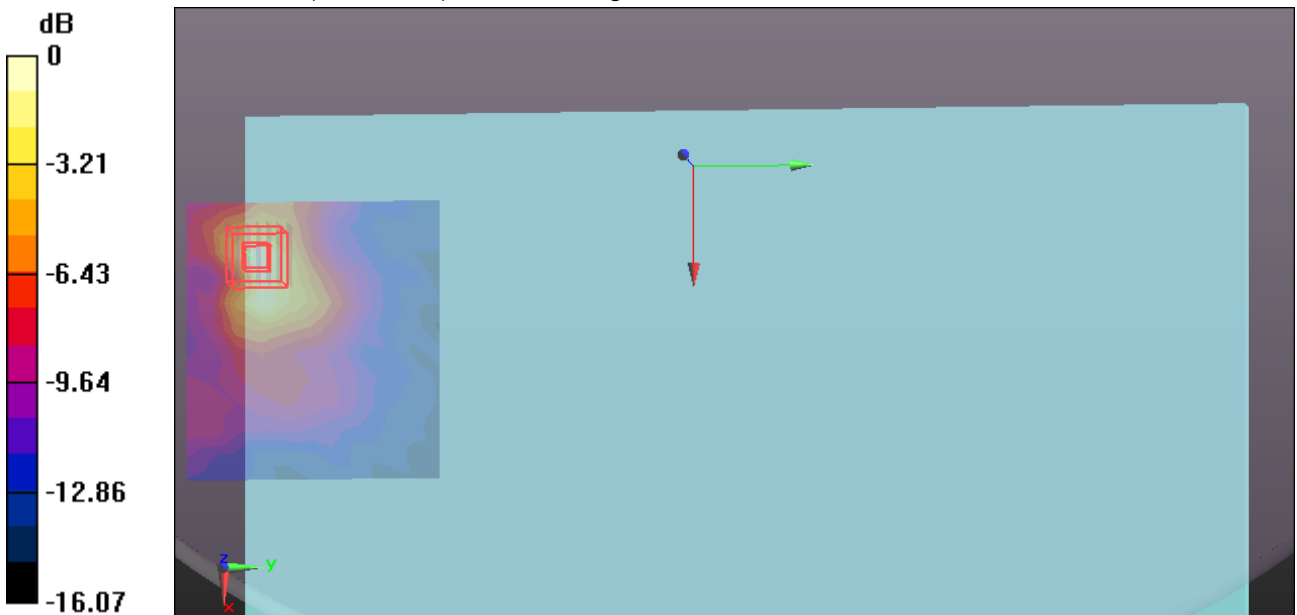
WiFi/Body Bottom CH151 Main Antenna/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.976 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2015

WiFi 802.11ac80 -Body Bottom CH58 Aux Antenna

DUT: Notebook computer; Type: Y700-15; Serial: N/A

Communication System: UID 0, IEEE 802.11 5G ac80 (0); Communication System Band: ac80;

Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 5.434 \text{ S/m}$; $\epsilon_r = 47.694$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3661; ConvF(4.64, 4.64, 4.64); Calibrated: 4/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH58 Aux Antenna/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.332 W/kg

WiFi/Body Bottom CH58 Aux Antenna/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.364 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2015

WiFi 802.11n40 -Body Bottom CH126 Aux Antenna

DUT: Notebook computer; Type: Y700-15; Serial: N/A

Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;

Frequency: 5630 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5630 \text{ MHz}$; $\sigma = 5.901 \text{ S/m}$; $\epsilon_r = 46.928$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3661; ConvF(4.26, 4.26, 4.26); Calibrated: 4/11/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH126 Aux Antenna/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.491 W/kg

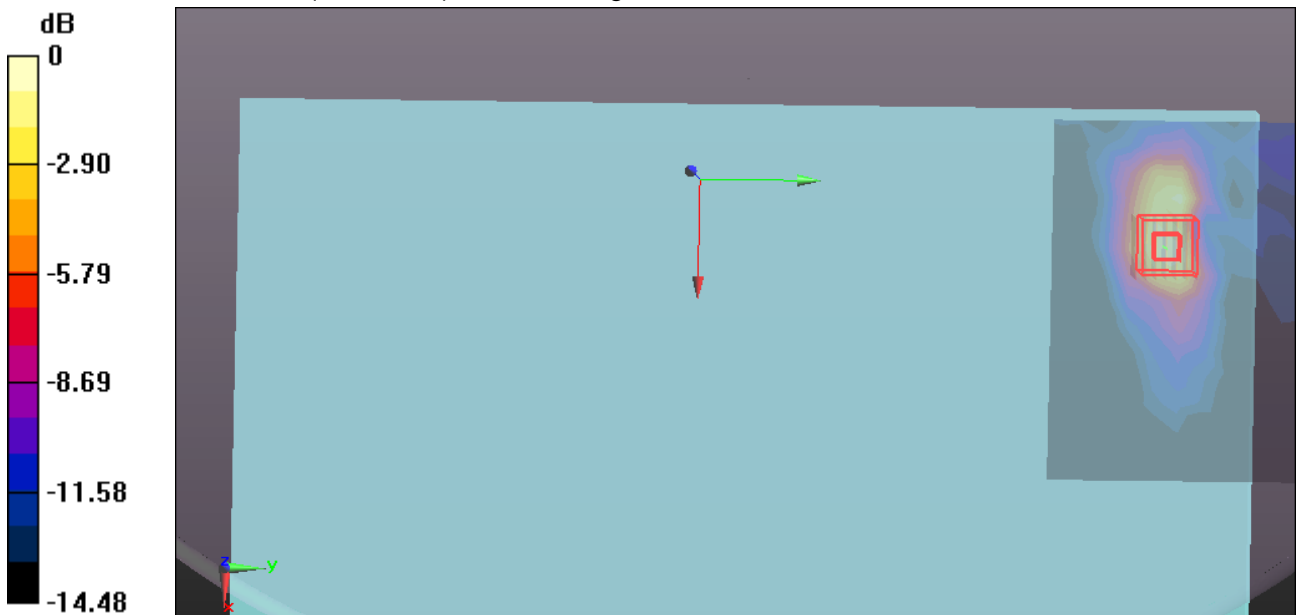
WiFi/Body Bottom CH126 Aux Antenna/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.792 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg = -1.94 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 7/18/2015

WiFi 802.11n40 -Body Bottom CH151 Aux Antenna

DUT: Notebook computer; Type: Y700-15; Serial: N/A

Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band IV;

Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.083 \text{ S/m}$; $\epsilon_r = 46.63$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3661; ConvF(4.35, 4.35, 4.35); Calibrated: 4/11/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 12/29/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Bottom CH151 Aux Antenna/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.710 W/kg

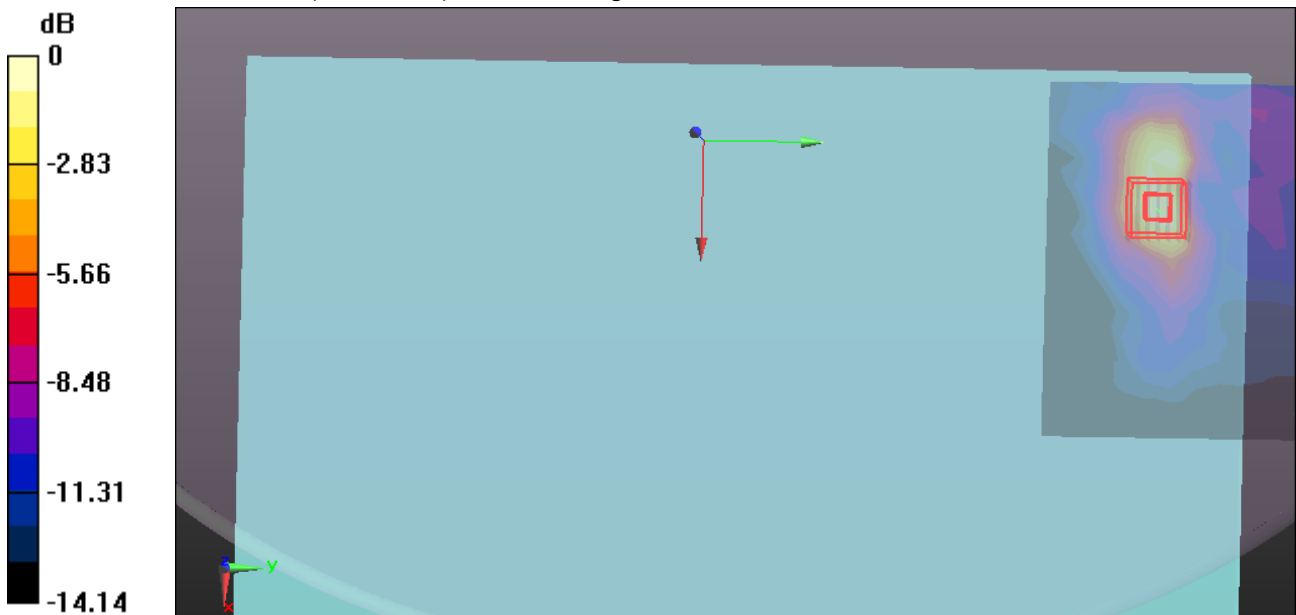
WiFi/Body Bottom CH151 Aux Antenna/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.070 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.873 W/kg



0 dB = 0.873 W/kg = -0.59 dBW/kg