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Test Laboratory: Compliance Certification Services Inc.

Date: 8/6/2015

**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: 1:1Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.992$  S/m;  $\epsilon_r = 50.46$ ;  $\rho = 1000$  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 - 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
- DASY52 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) = 0.508 W/kg

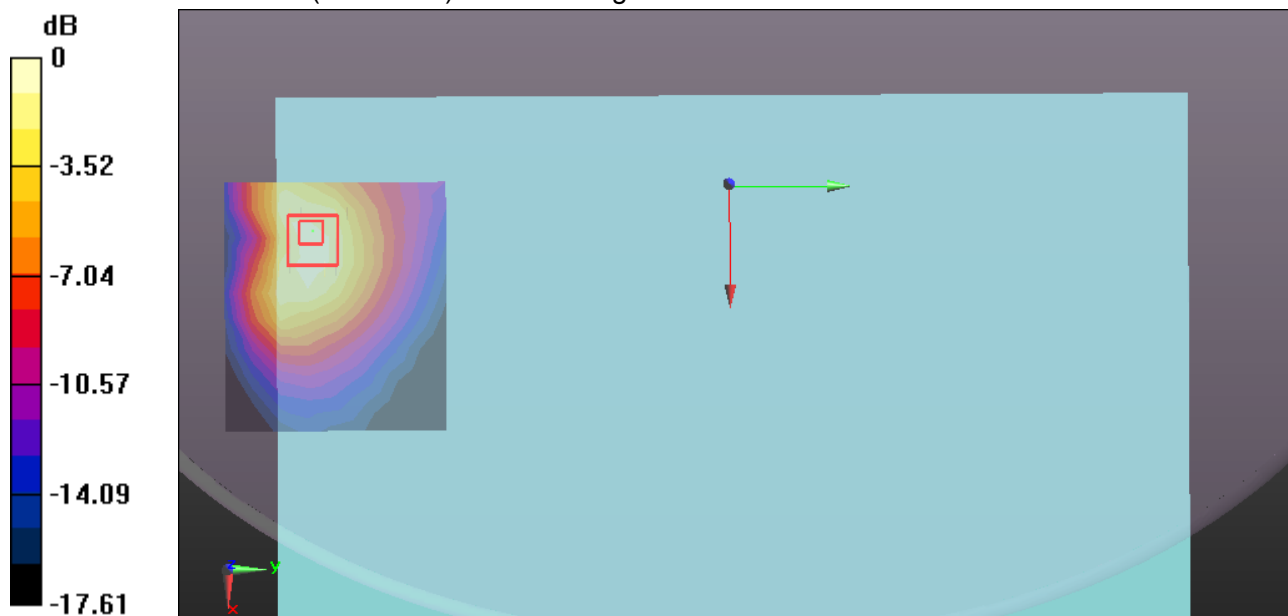
**WiFi/Body Bottom CH6 Main Antenna/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.631 W/kg

**SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.514 W/kg = -2.89 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/6/2015

**2.4GHz -Body Bottom CH78 AUX Antenna****DUT: Notebook computer; Type: Y700-15; Serial: N/A**

Communication System: UID 0, Bluetooth (0); Communication System Band: ISM 2.4Ghz Band;

Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.046$  S/m;  $\epsilon_r = 50.302$ ;  $\rho = 1000$  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 - 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
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**2.4GHz /Body Bottom CH78 AUX Antenna/Area Scan (12x11x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0662 W/kg

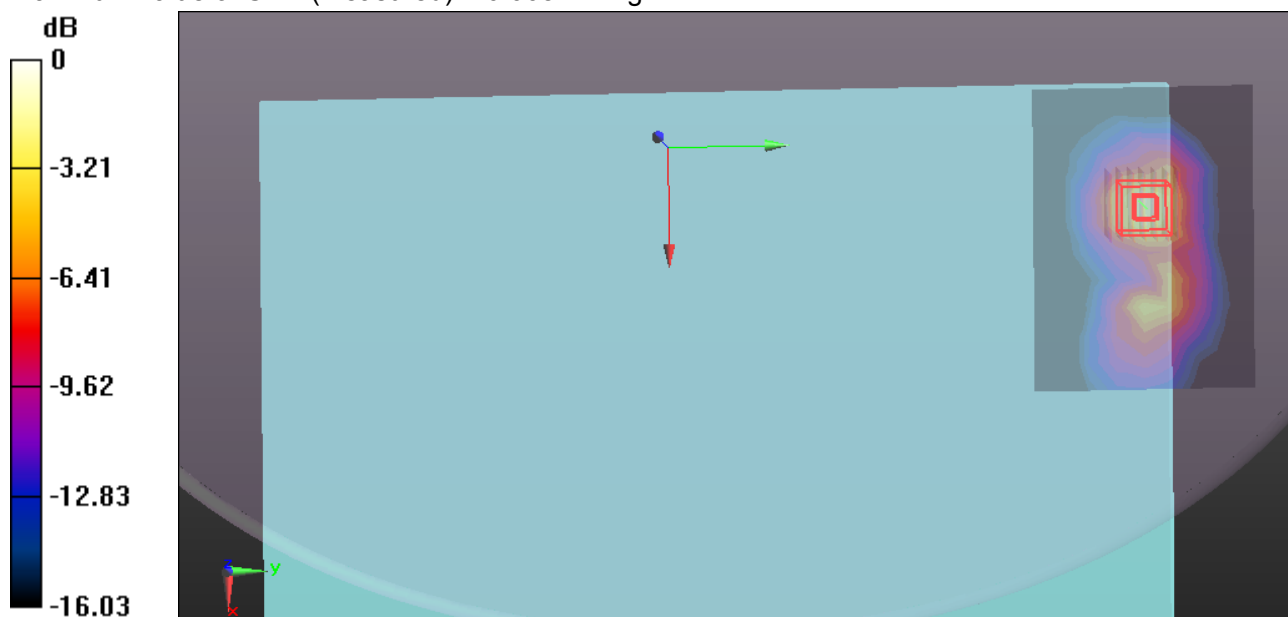
**2.4GHz /Body Bottom CH78 AUX Antenna/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.6920 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0880 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0682 W/kg



0 dB = 0.0662 W/kg = -11.79 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/7/2015

**WiFi 802.11 a-Body Bottom CH48 Aux Antenna****DUT: Notebook computer; Type: Y700-15; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.351$  S/m;  $\epsilon_r = 48.949$ ;  $\rho = 1000$  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 - SN3661; ConvF(4.92, 4.92, 4.92); 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
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH48 Aux Antenna/Area Scan (12x11x1):** Measurement grid: dx=10mm, dy=10mm

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

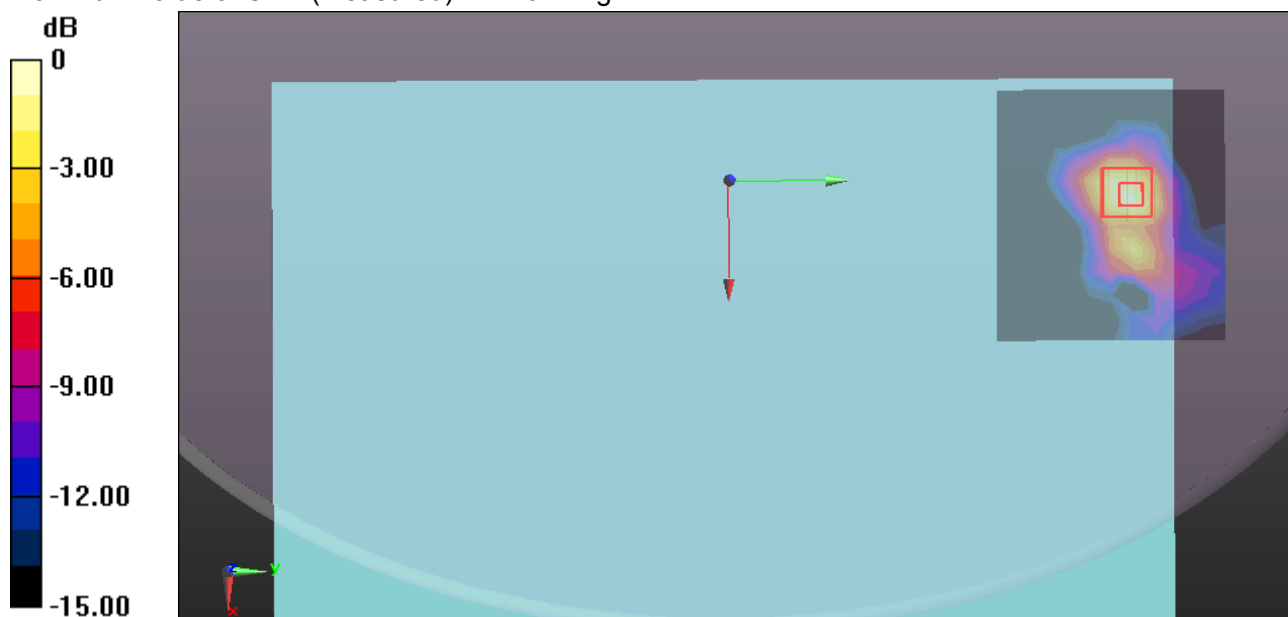
**WiFi/Body Bottom CH48 Aux Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.7500 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.174 W/kg**

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



0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/7/2015

**WiFi 802.11a -Body Bottom CH112 Aux Antenna****DUT: Notebook computer; Type: Y700-15; Serial: N/A**

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

Frequency: 5560 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5560$  MHz;  $\sigma = 5.82$  S/m;  $\epsilon_r = 48.208$ ;  $\rho = 1000$  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 - 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
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH112 Aux Antenna/Area Scan (12x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.398 W/kg

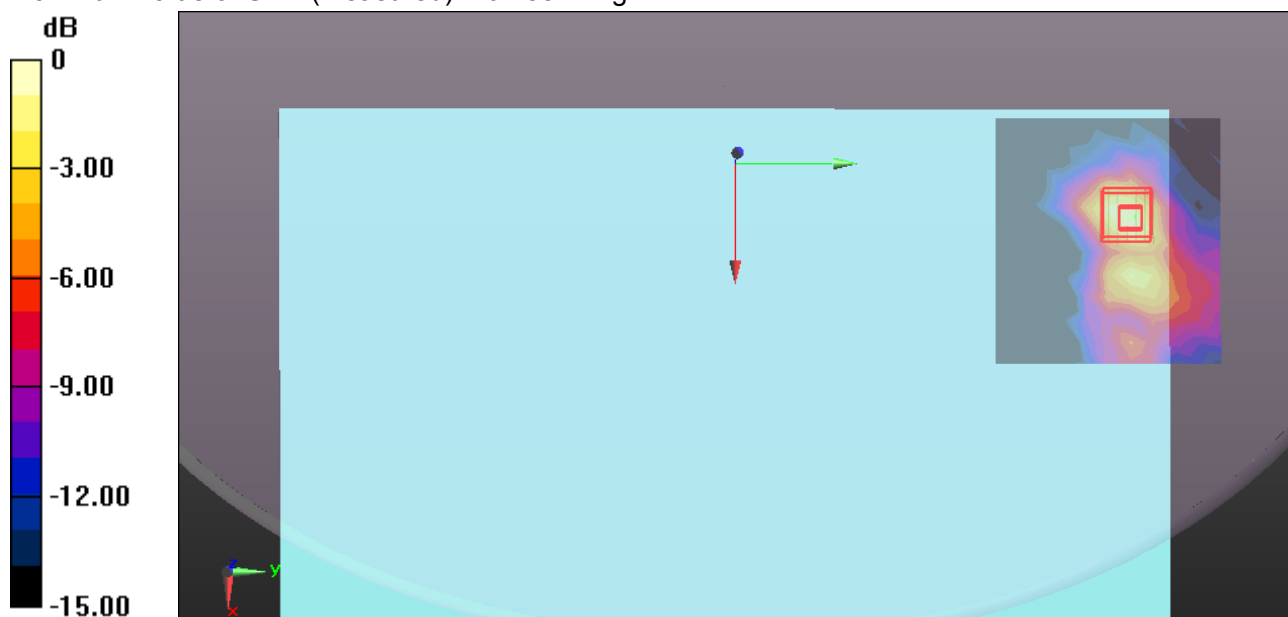
**WiFi/Body Bottom CH112 Aux Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/7/2015

**WiFi 802.11a -Body Bottom CH149 Aux Antenna****DUT: Notebook computer; Type: Y700-15; 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:  $f = 5745$  MHz;  $\sigma = 6.093$  S/m;  $\epsilon_r = 47.823$ ;  $\rho = 1000$  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 - 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
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH149 Aux Antenna/Area Scan (12x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.244 W/kg

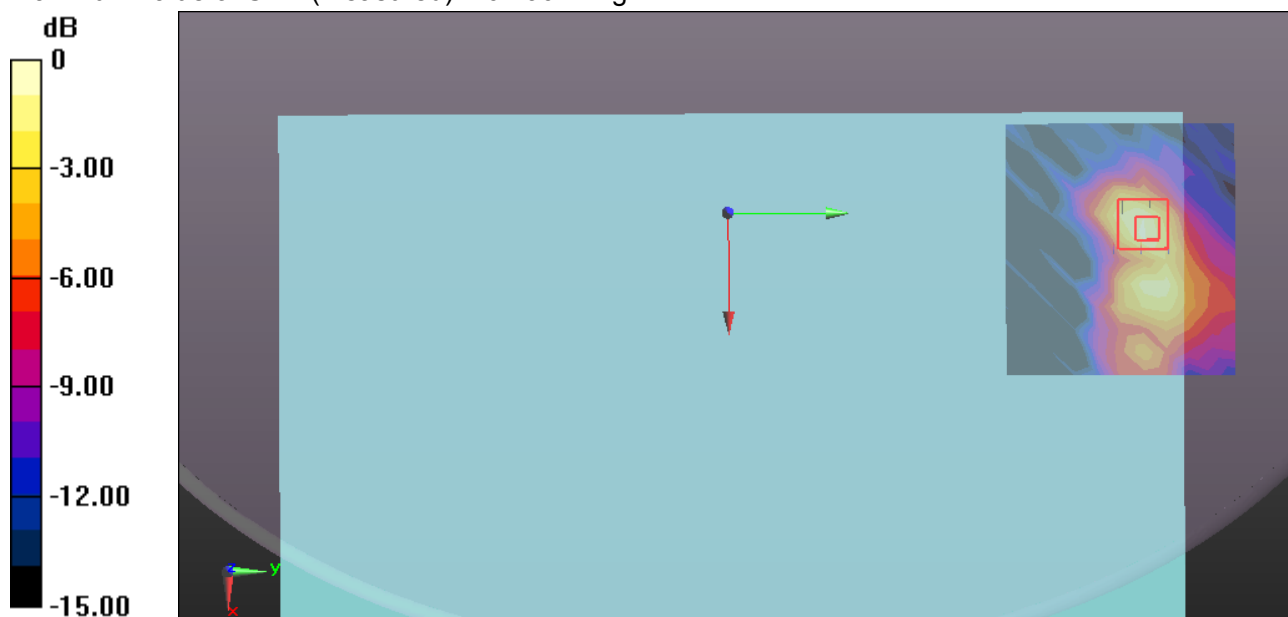
**WiFi/Body Bottom CH149 Aux Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.6250 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.562 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg