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Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11b -Body Bottom CH6 Main Antenna****DUT: Notebook computer; Type: Y700-17; 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;  $\sigma = 1.895$  S/m;  $\epsilon_r = 51.697$ ;  $\rho = 1000$  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(7.08, 7.08, 7.08); Calibrated: 7/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

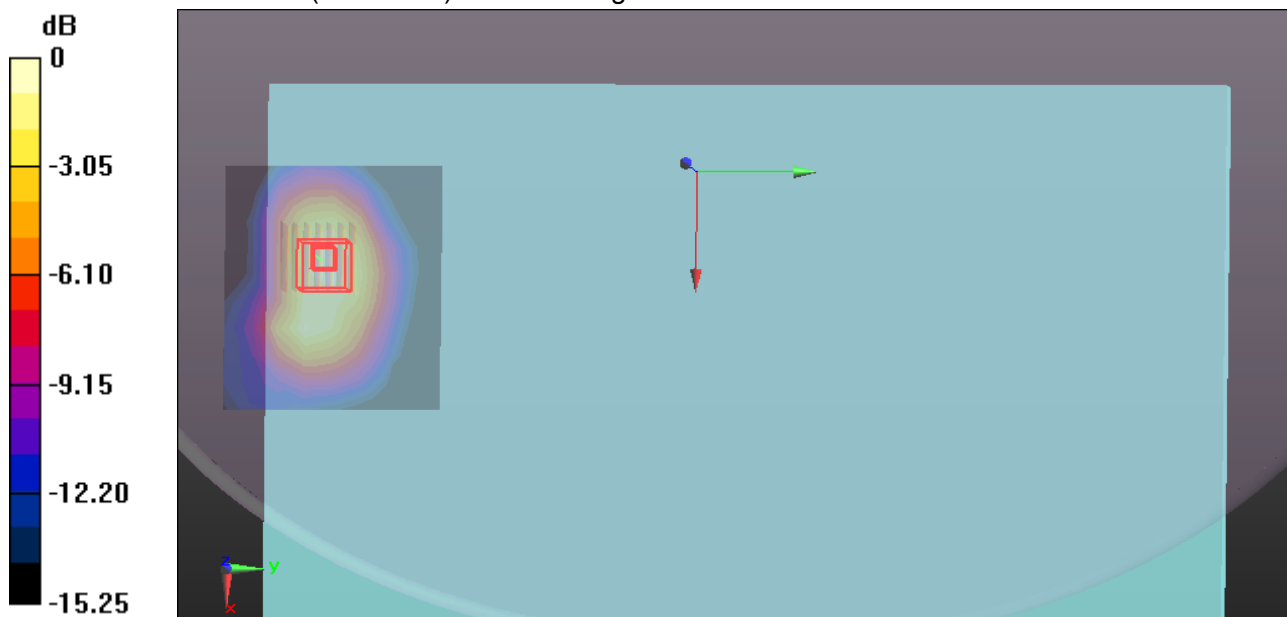
**WiFi/Body Bottom CH6 Main Antenna/Area Scan (10x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.376 W/kg**WiFi/Body Bottom CH6 Main Antenna/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.652 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.582 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11b -Body Bottom CH6 Aux Antenna****DUT: Notebook computer; Type: Y700-17; 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;  $\sigma = 1.895$  S/m;  $\epsilon_r = 51.697$ ;  $\rho = 1000$  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(7.08, 7.08, 7.08); Calibrated: 7/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

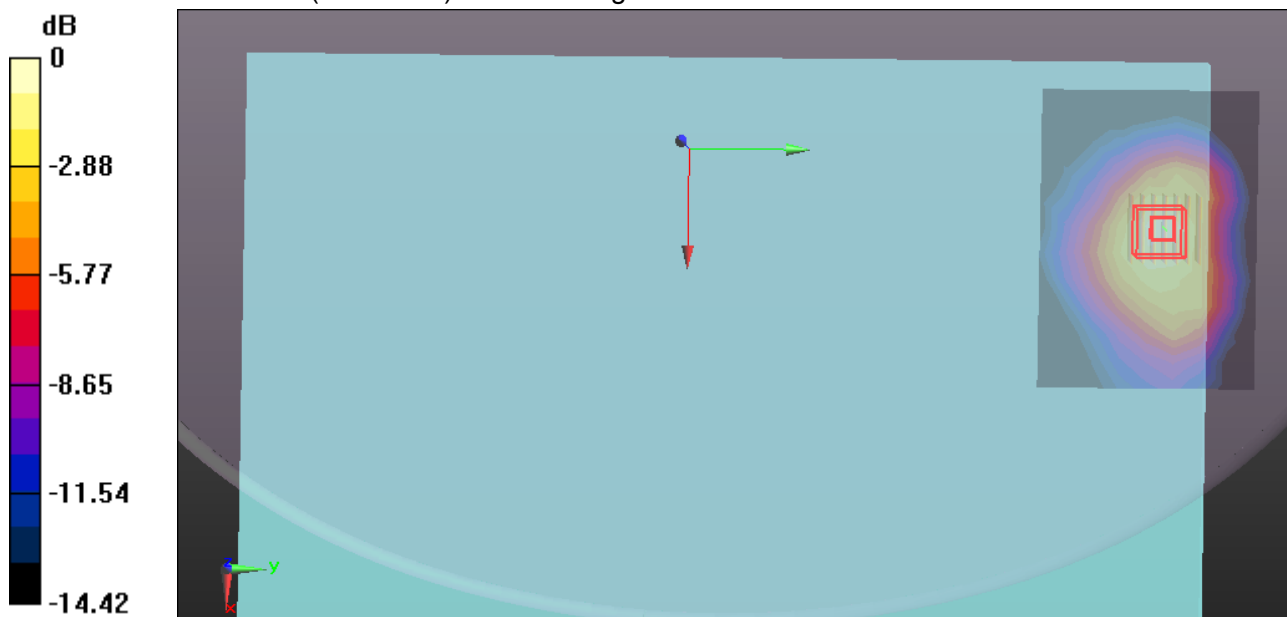
**WiFi/Body Bottom CH6 Aux Antenna/Area Scan (12x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.227 W/kg**WiFi/Body Bottom CH6 Aux Antenna/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.122 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**2.4GHz -Body Bottom CH78 Aux Antenna****DUT: Notebook computer; Type: Y700-17; Serial: N/A**Communication System: UID 0, Bluetooth (0); Communication System Band: ISM 2.4Ghz Band;  
Frequency: 2480 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.942$  S/m;  $\epsilon_r = 51.537$ ;  $\rho = 1000$  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(7.08, 7.08, 7.08); Calibrated: 7/24/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

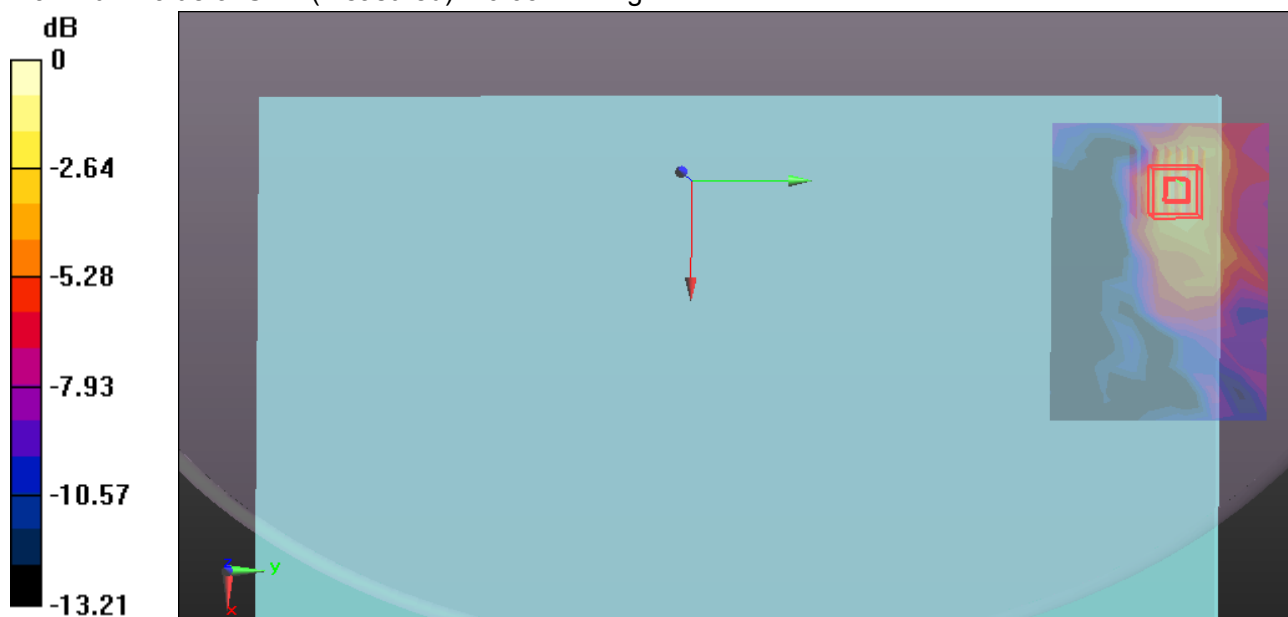
**WiFi/Body Bottom CH78 Aux Antenna/Area Scan (12x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.0339 W/kg**WiFi/Body Bottom CH78 Aux Antenna/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7320 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0520 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00896 W/kg**

Maximum value of SAR (measured) = 0.0377 W/kg



0 dB = 0.0377 W/kg = -14.24 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11ac80 -Body Bottom CH58 Main Antenna****DUT: Notebook computer; Type: Y700-17; 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;  $\sigma = 5.518$  S/m;  $\epsilon_r = 47.014$ ;  $\rho = 1000$  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(4.42, 4.42, 4.42); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 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) = 0.469 W/kg

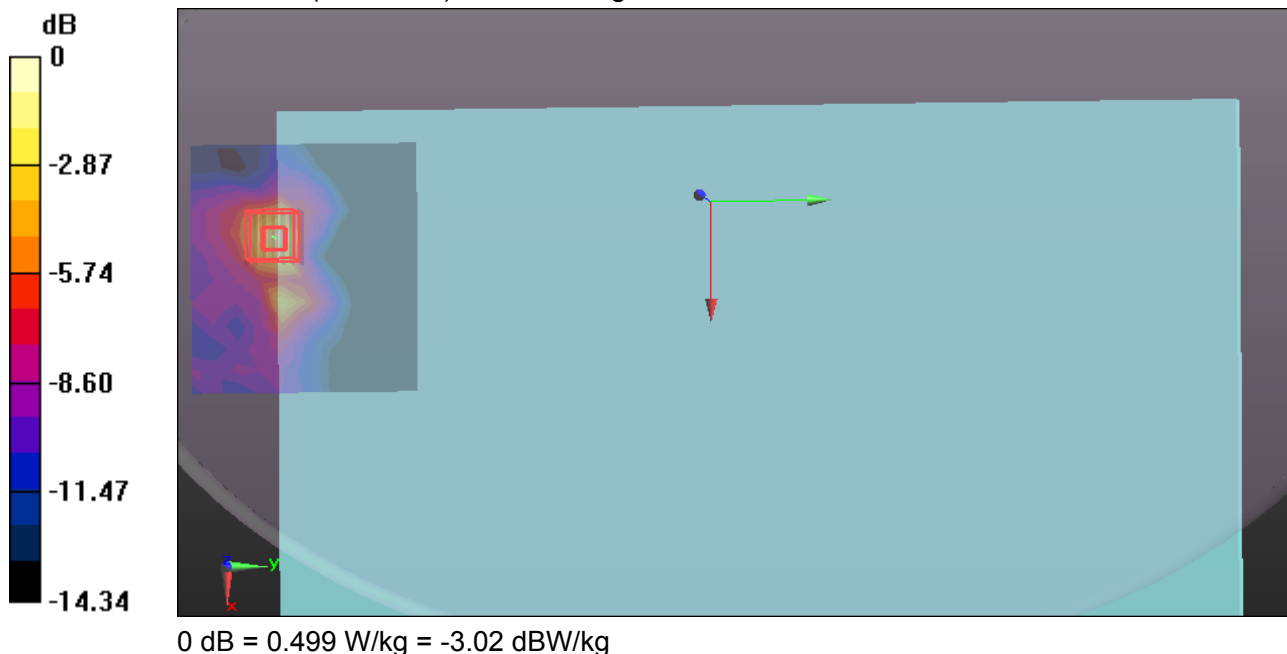
**WiFi/Body Bottom CH58 Main Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.7320 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.844 W/kg

**SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.078 W/kg**

Maximum value of SAR (measured) = 0.499 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11n40 -Body Bottom CH118 Main Antenna****DUT: Notebook computer; Type: Y700-17; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;  
Frequency: 5590 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 5590$  MHz;  $\sigma = 5.879$  S/m;  $\epsilon_r = 46.584$ ;  $\rho = 1000$  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(3.9, 3.9, 3.9); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH118 Main Antenna/Area Scan (12x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.975 W/kg

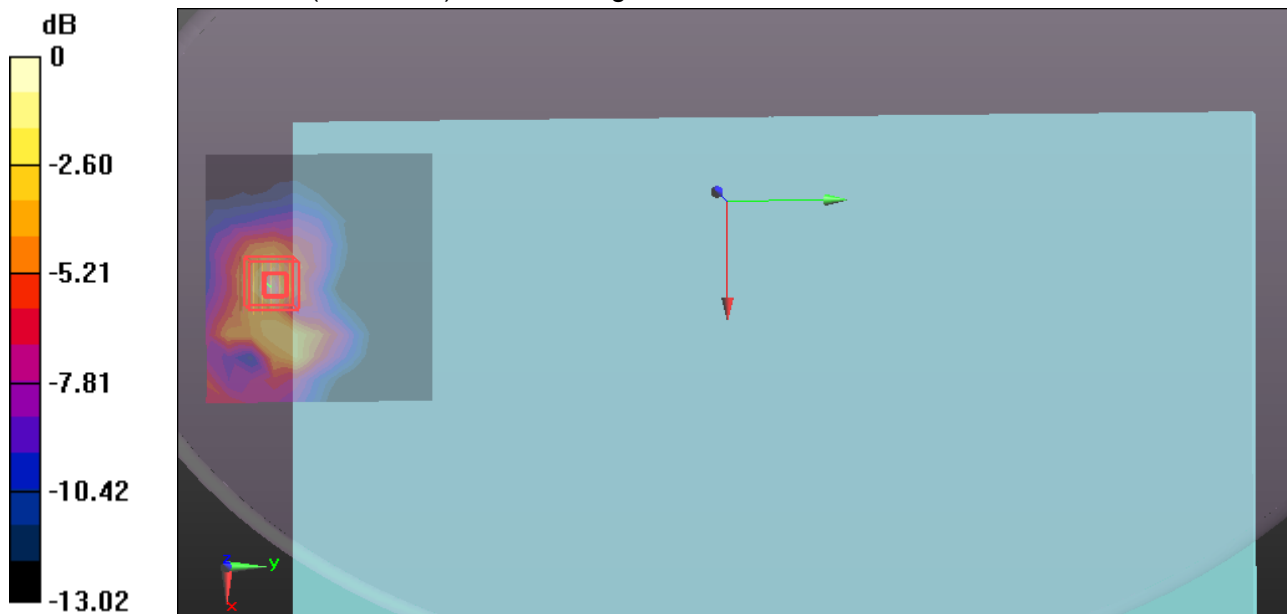
**WiFi/Body Bottom CH118 Main Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.505 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.209 W/kg**

Maximum value of SAR (measured) = 0.969 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11n40 -Body Bottom CH151 Main Antenn****DUT: Notebook computer; Type: Y700-17; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band IV;  
Frequency: 5755 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.929$  S/m;  $\epsilon_r = 45.838$ ;  $\rho = 1000$  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(4.16, 4.16, 4.16); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 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) = 1.07 W/kg

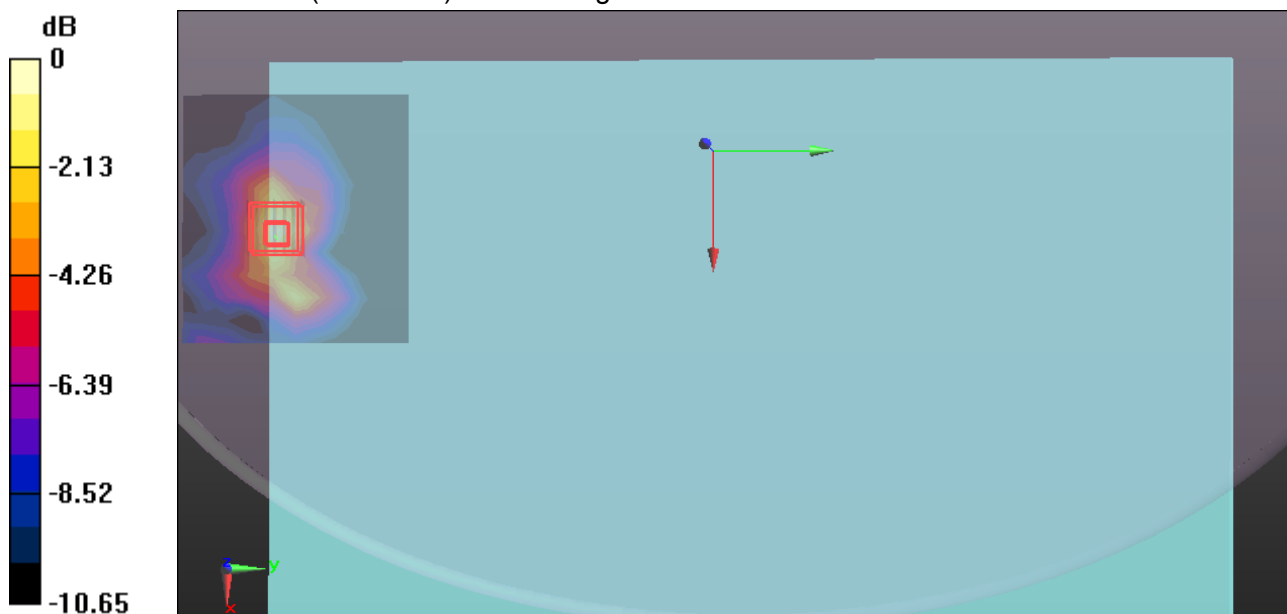
**WiFi/Body Bottom CH151 Main Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.131 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.246 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11ac80 -Body Bottom CH58 Aux Antenna****DUT: Notebook computer; Type: Y700-17; 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;  $\sigma = 5.518$  S/m;  $\epsilon_r = 47.014$ ;  $\rho = 1000$  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(4.42, 4.42, 4.42); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (measured) = 0.130 W/kg

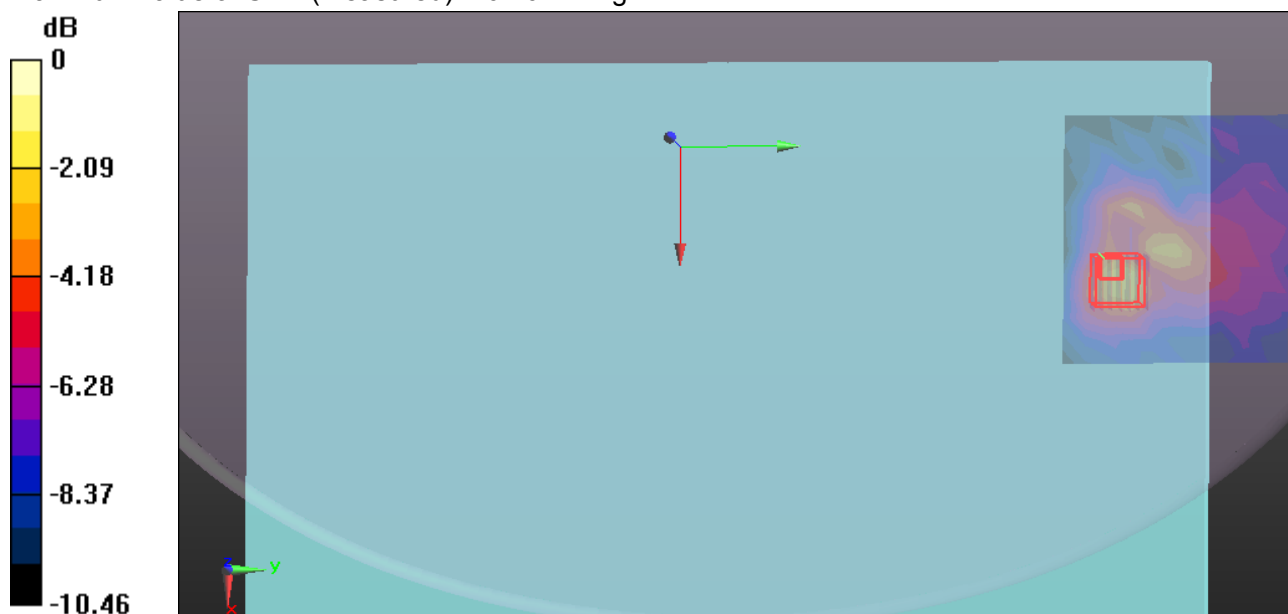
**WiFi/Body Bottom CH58 Aux Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.616 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.457 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11n40 -Body Bottom CH118 Aux Antenna****DUT: Notebook computer; Type: Y700-17; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;  
Frequency: 5590 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 5590$  MHz;  $\sigma = 5.879$  S/m;  $\epsilon_r = 46.584$ ;  $\rho = 1000$  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(3.9, 3.9, 3.9); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH118 Aux Antenna/Area Scan (12x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.542 W/kg

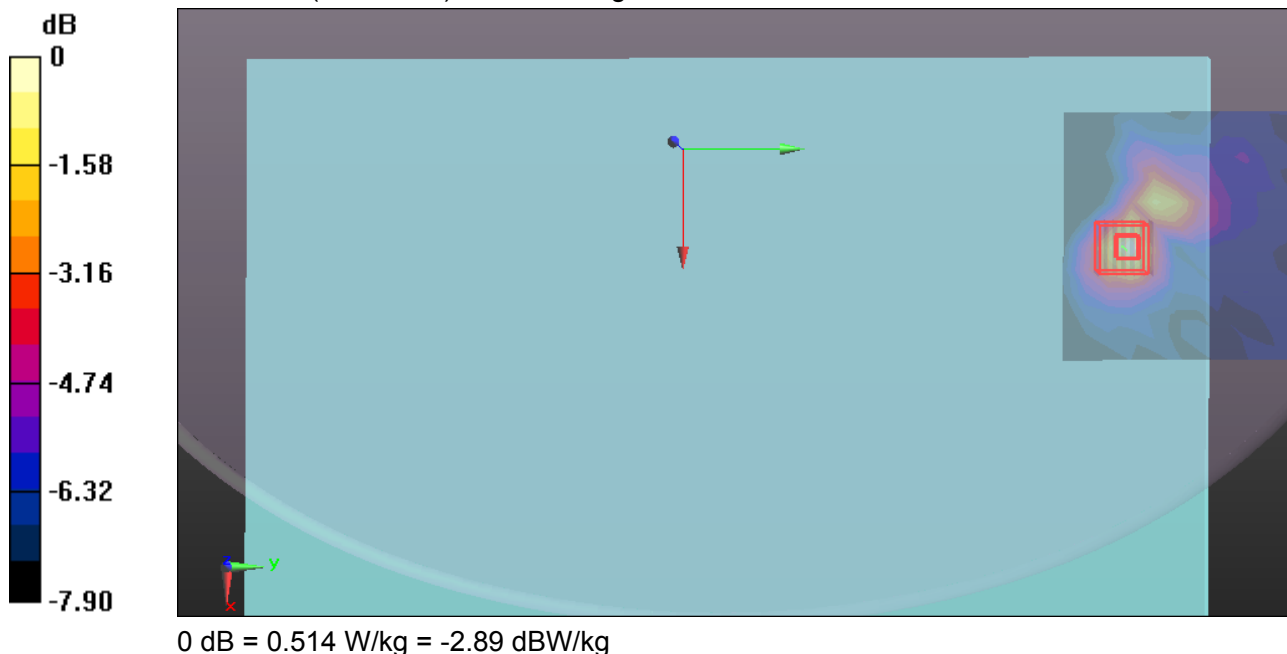
**WiFi/Body Bottom CH118 Aux Antenna/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.893 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.159 W/kg**

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



Test Laboratory: Compliance Certification Services Inc.

Date: 8/26/2015

**WiFi 802.11n40 -Body Bottom CH151 Aux Antenna****DUT: Notebook computer; Type: Y700-17; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band IV;  
Frequency: 5755 MHz; Duty Cycle: 1:1Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.929$  S/m;  $\epsilon_r = 45.838$ ;  $\rho = 1000$  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(4.16, 4.16, 4.16); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (measured) = 0.793 W/kg

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

Reference Value = 2.983 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.962 W/kg

