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Test Laboratory: Compliance Certification Services Inc.

Date: 1/18/2017

WiFi 802.11 b-Body Bottom CH1 Chain0-QCNFA435(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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: $f = 2412$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 51.861$; $\rho = 1000$ 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(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body Bottom CH1 Chain0/Area Scan (10x15x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.193 W/kg

WiFi 2.4GHz/IEEE802.11b Body Bottom CH1 Chain0/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

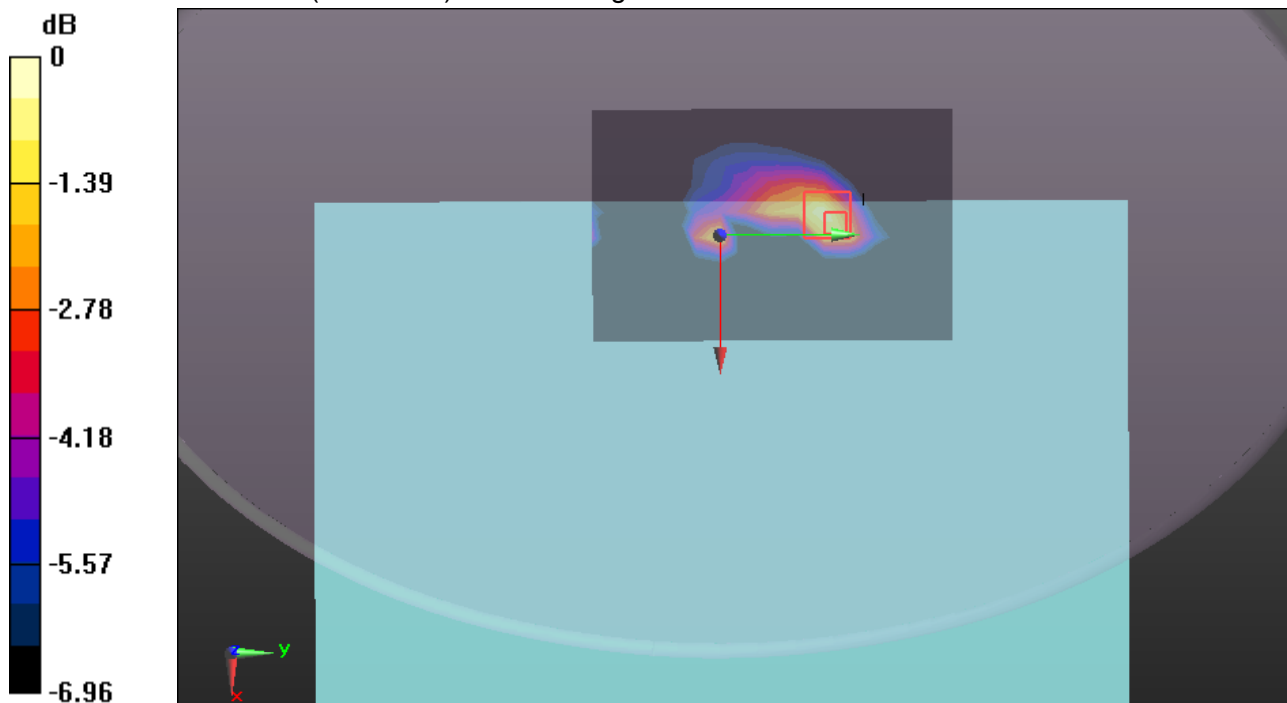
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.795 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.212 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 1/18/2017

WIFI 802.11 a-Body Bottom CH56 Chain0-QCNFA435(Amphenol Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.259$ S/m; $\epsilon_r = 47.562$; $\rho = 1000$ 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(4.6, 4.6, 4.6); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Bottom CH56 Chain0/Area Scan (11x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.270 W/kg

WIFI/IEEE802.11a Body Bottom CH56 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

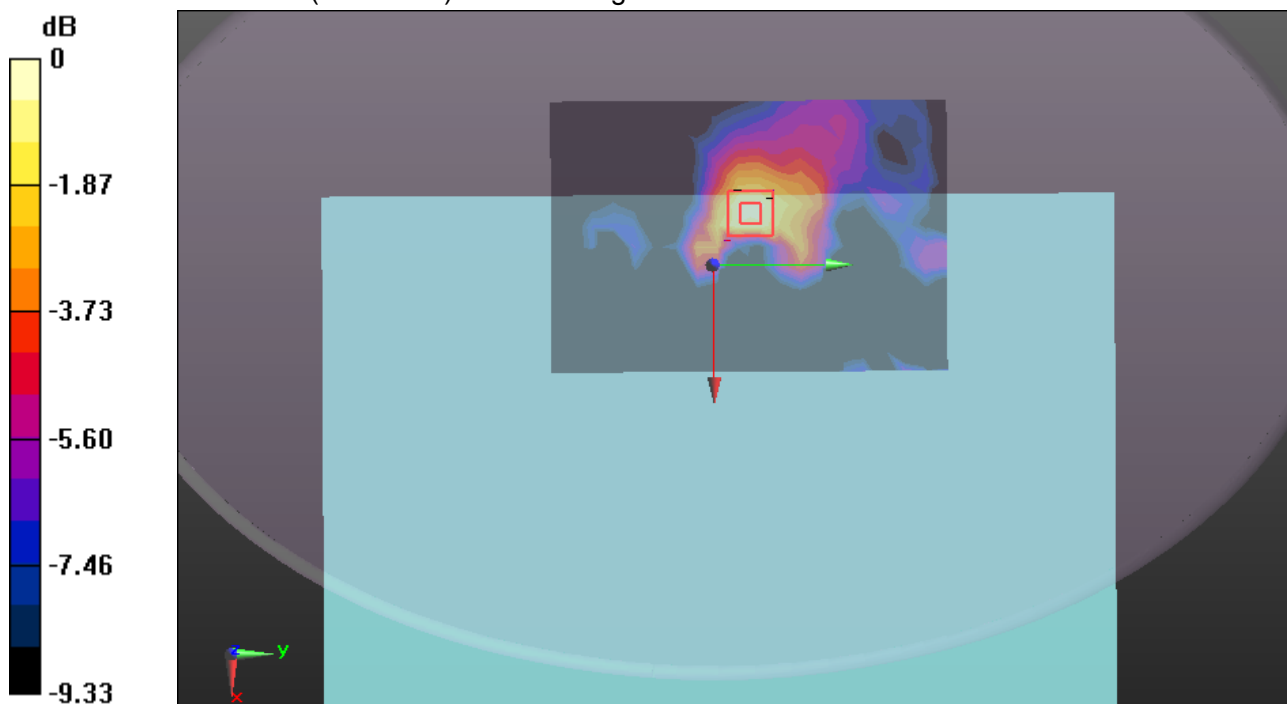
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.869 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 1/18/2017

WIFI 802.11 a-Body Bottom CH116 Chain0-QCNFA435(Amphenol Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 5.664$ S/m; $\epsilon_r = 46.898$; $\rho = 1000$ 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(4.18, 4.18, 4.18); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Bottom CH116 Chain0/Area Scan (11x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.453 W/kg

WIFI/IEEE802.11a Body Bottom CH116 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

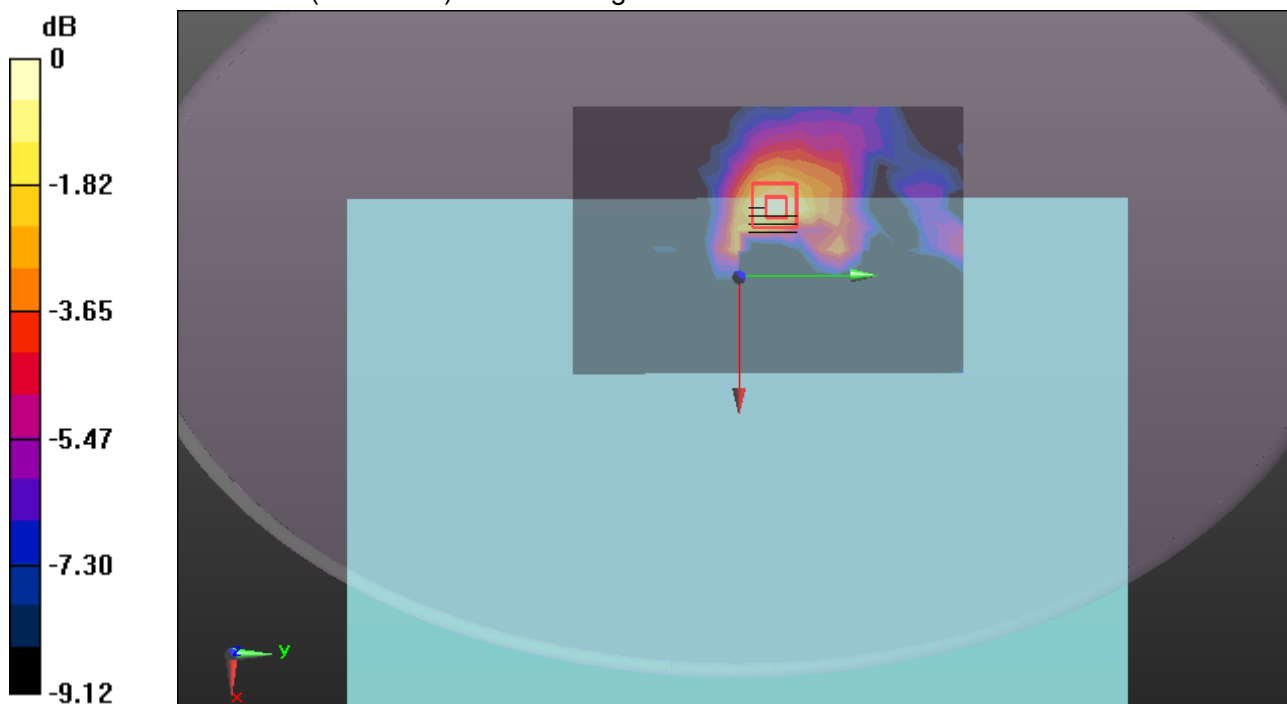
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.046 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.462 W/kg



0 dB = 0.462 W/kg = -3.35 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 1/18/2017

WIFI 802.11 a-Body Bottom CH149 Chain0-QCNFA435(Amphenol Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 5.888$ S/m; $\epsilon_r = 46.596$; $\rho = 1000$ 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(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Bottom CH149 Chain0/Area Scan (11x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.804 W/kg

WIFI/IEEE802.11a Body Bottom CH149 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

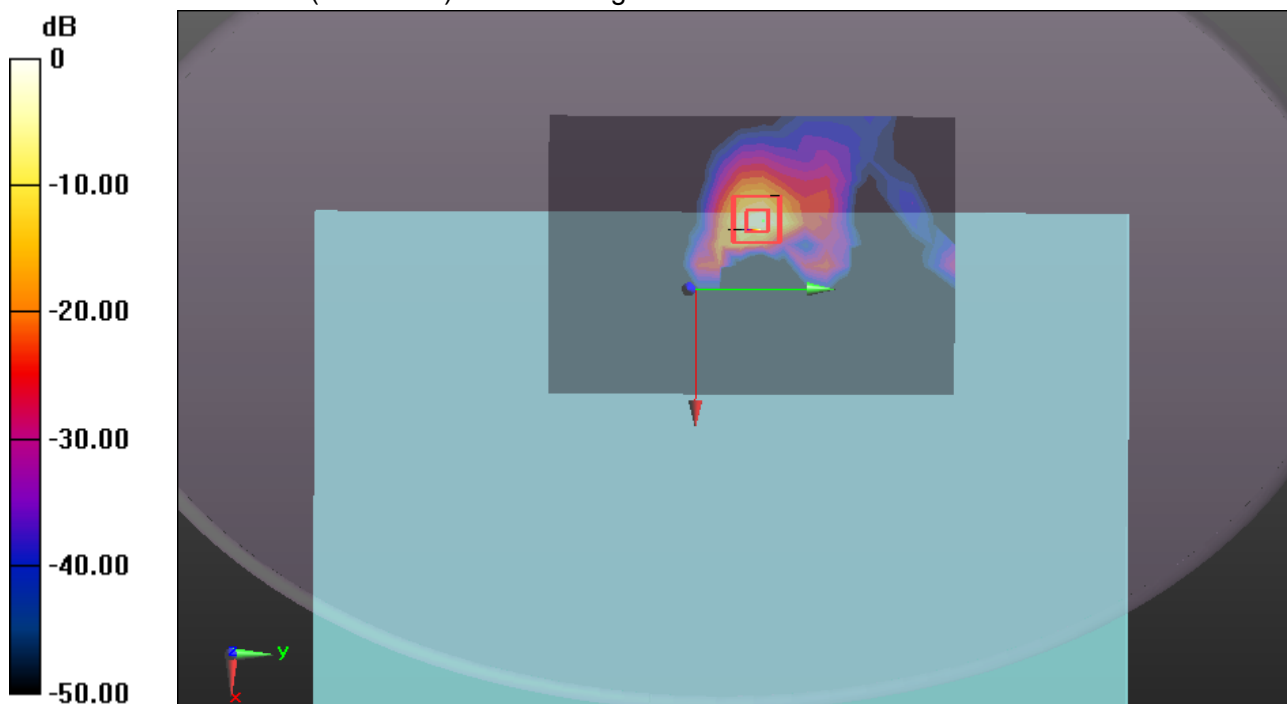
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.637 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.822 W/kg



0 dB = 0.822 W/kg = -0.85 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH36 Chain0-1804(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; Serial: N/A**

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: $f = 5180 \text{ MHz}$; $\sigma = 5.388 \text{ S/m}$; $\epsilon_r = 49.057$; $\rho = 1000 \text{ kg/m}^3$ 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(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH36 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0310 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH36 /Zoom Scan (7x7x7)/Cube 0: Measurement

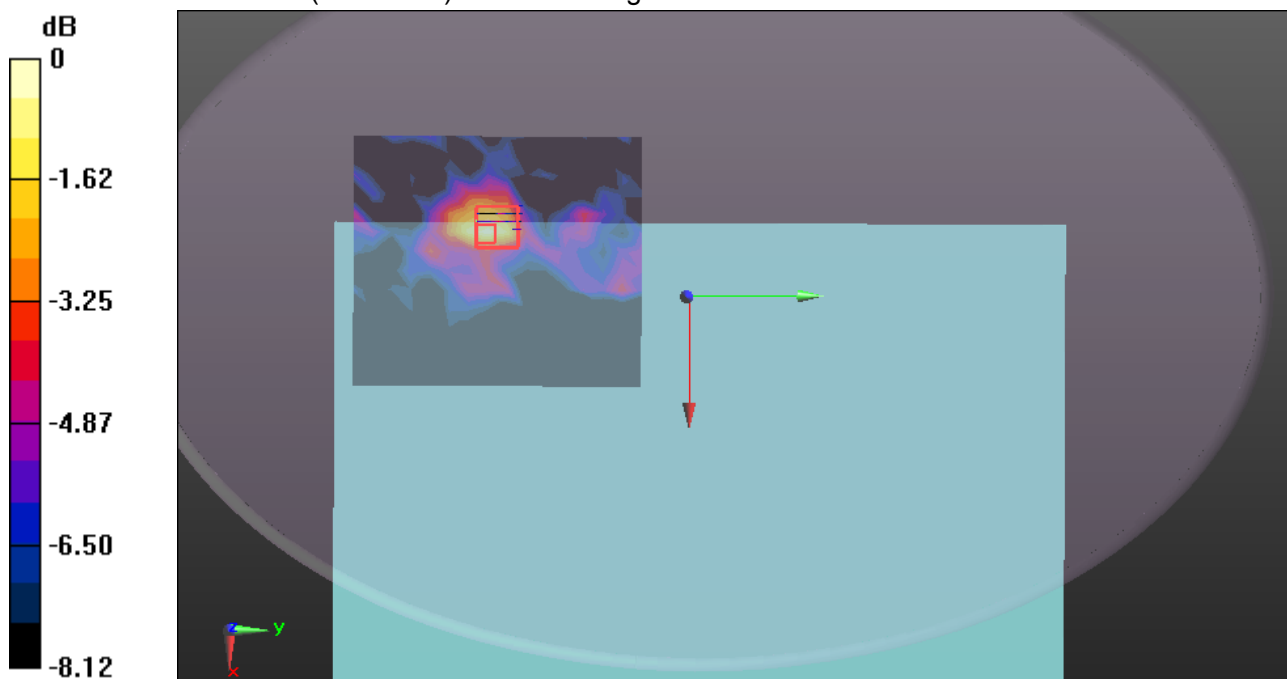
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.7120 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00708 W/kg

Maximum value of SAR (measured) = 0.0328 W/kg



0 dB = 0.0328 W/kg = -14.84 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH40 Chain0-1804(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.416$ S/m; $\epsilon_r = 49.044$; $\rho = 1000$ 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(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH40 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0519 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH40 /Zoom Scan (7x7x7)/Cube 0: Measurement

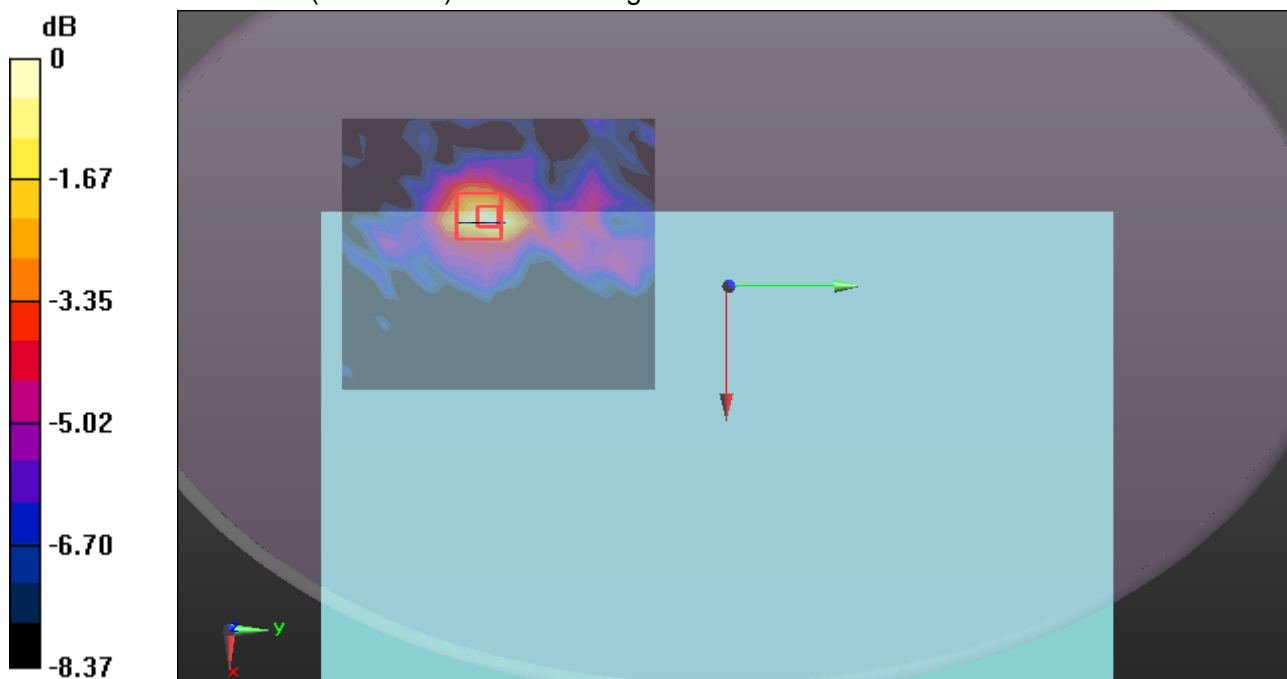
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.245 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0465 W/kg



0 dB = 0.0465 W/kg = -13.33 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH48 Chain0-1804(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 5.458$ S/m; $\epsilon_r = 49.048$; $\rho = 1000$ 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(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH48 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0647 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH48 /Zoom Scan (7x7x7)/Cube 0: Measurement

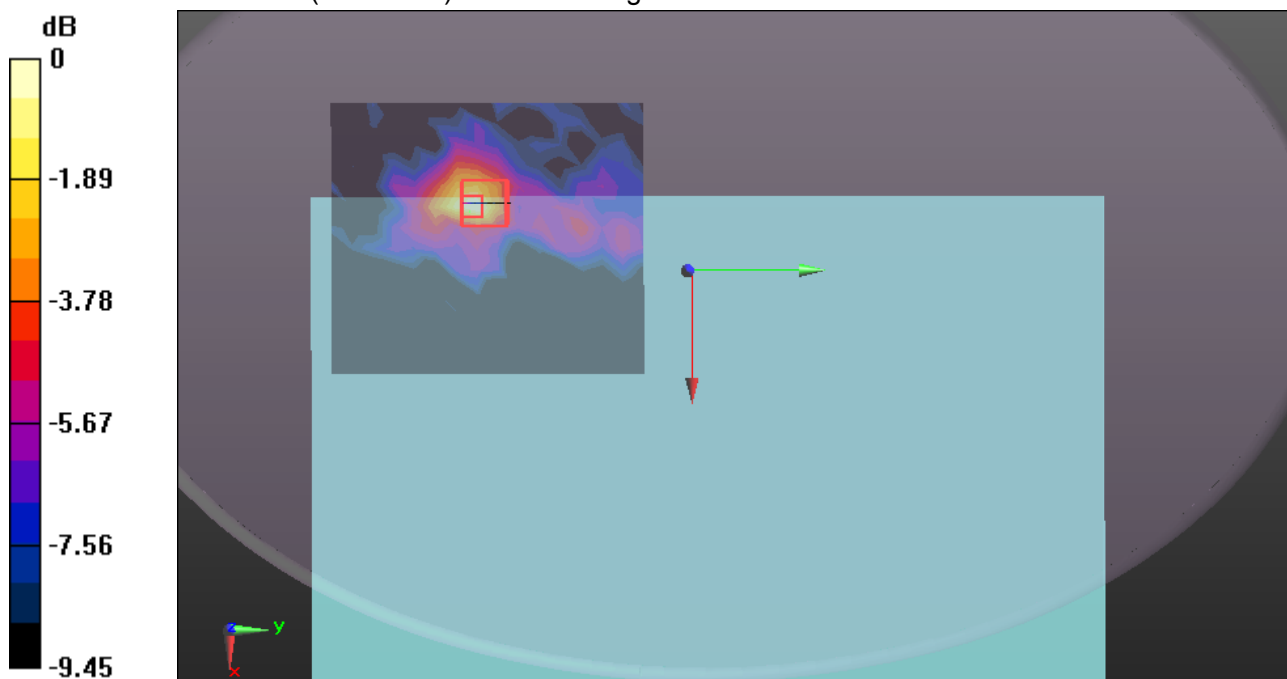
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.6280 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0592 W/kg



0 dB = 0.0592 W/kg = -12.28 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH149 Chain0-1804(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 6.119$ S/m; $\epsilon_r = 47.957$; $\rho = 1000$ 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(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH149 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0530 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH149 /Zoom Scan (7x7x7)/Cube 0: Measurement

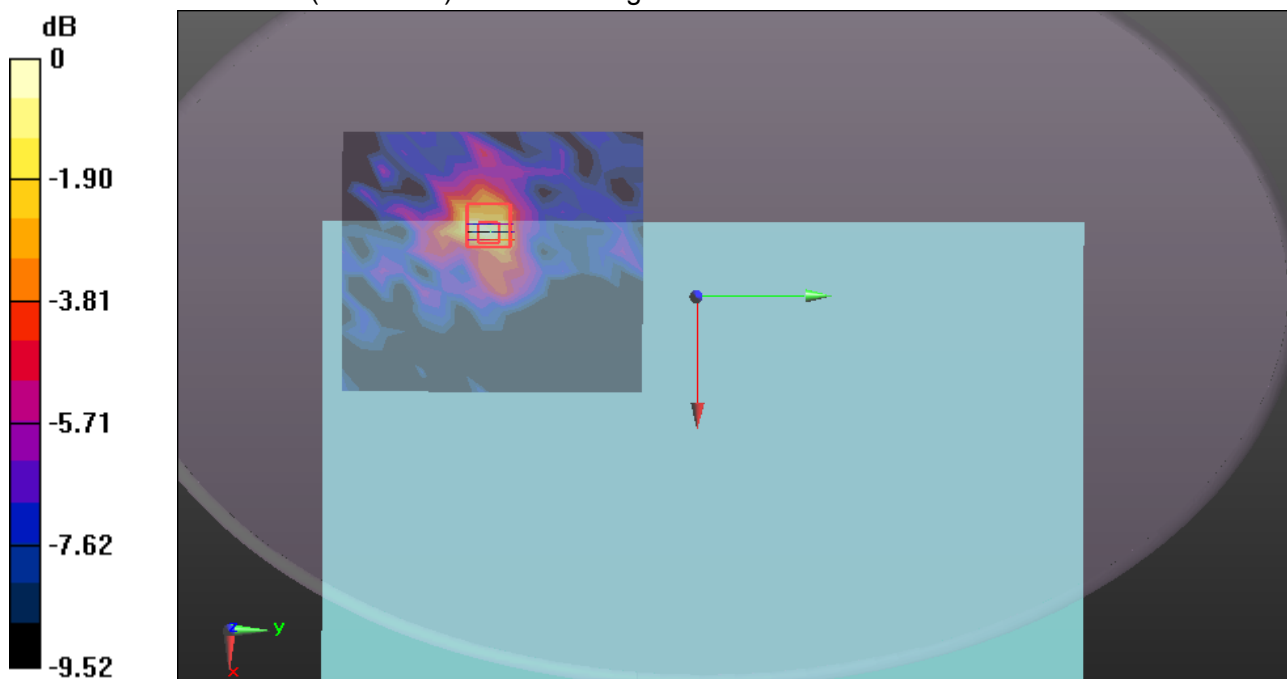
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9140 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0526 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH157 Chain0-1804(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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: $f = 5785 \text{ MHz}$; $\sigma = 6.15 \text{ S/m}$; $\epsilon_r = 48.099$; $\rho = 1000 \text{ kg/m}^3$ 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(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH157 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0421 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH157 /Zoom Scan (7x7x7)/Cube 0: Measurement

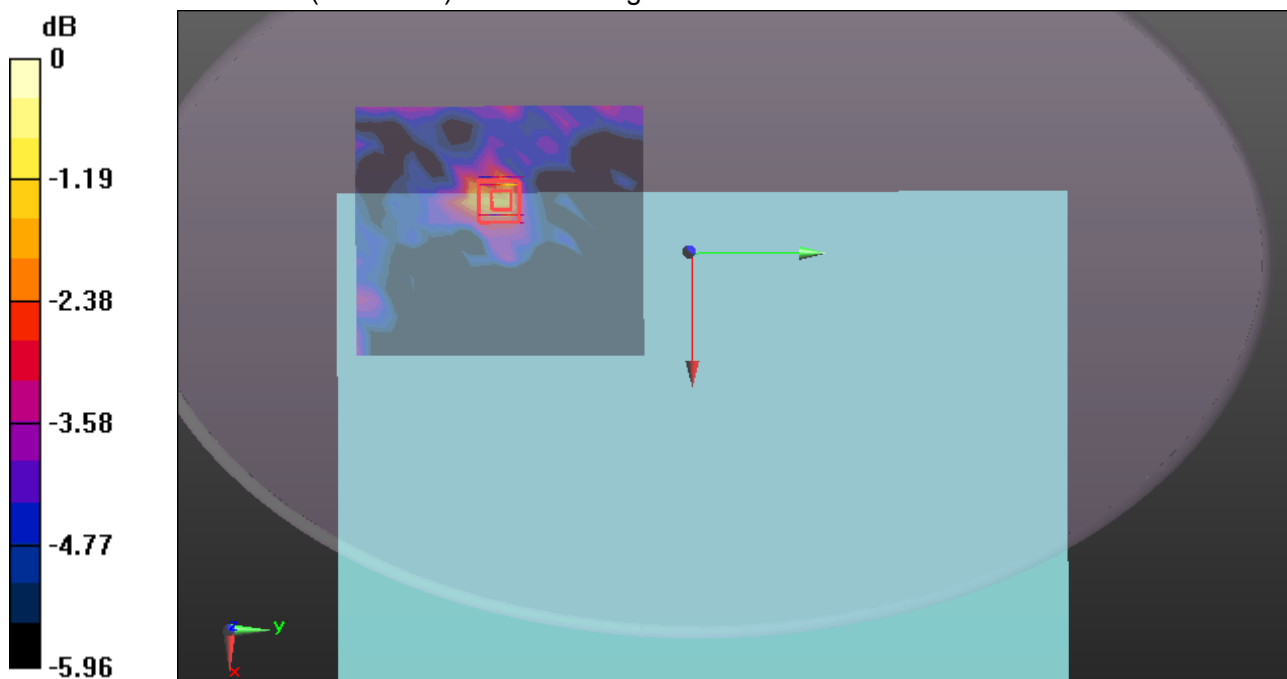
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.053 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0567 W/kg



0 dB = 0.0567 W/kg = -12.46 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH165 Chain0-1804(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 6.164$ S/m; $\epsilon_r = 47.916$; $\rho = 1000$ 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(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH165 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0534 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH165 /Zoom Scan (7x7x7)/Cube 0: Measurement

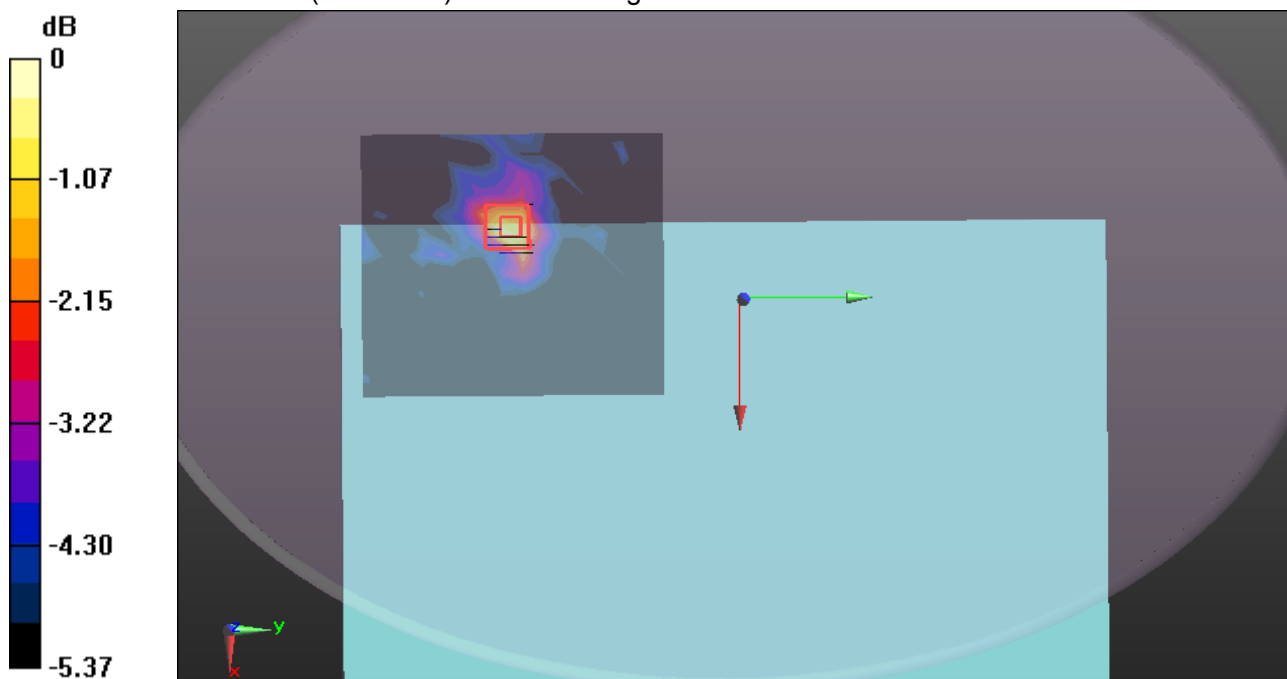
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.6650 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0593 W/kg



0 dB = 0.0593 W/kg = -12.27 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 2/16/2017

WiFi 802.11 b-Body Bottom CH1 Chain0-QCNFA435(Amphenol Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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: $f = 2412$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 51.725$; $\rho = 1000$ 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(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body Bottom CH1 Chain0/Area Scan (10x15x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.174 W/kg

WiFi 2.4GHz/IEEE802.11b Body Bottom CH1 Chain0/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

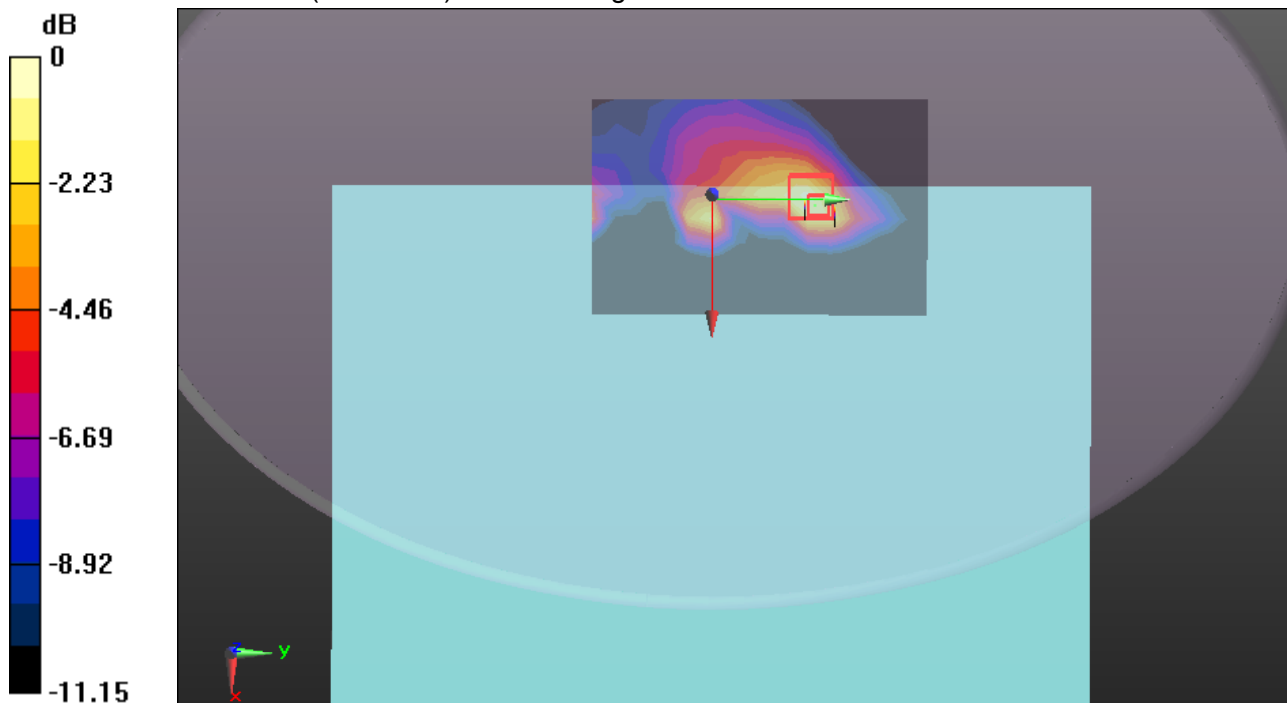
dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.165 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 2/16/2017

WIFI 802.11 a-Body Bottom CH149 Chain0-QCNFA435(Luxshare Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 5.837$ S/m; $\epsilon_r = 46.273$; $\rho = 1000$ 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(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- 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 Bottom CH149 Chain0/Area Scan (11x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.715 W/kg

WIFI/IEEE802.11a Body Bottom CH149 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

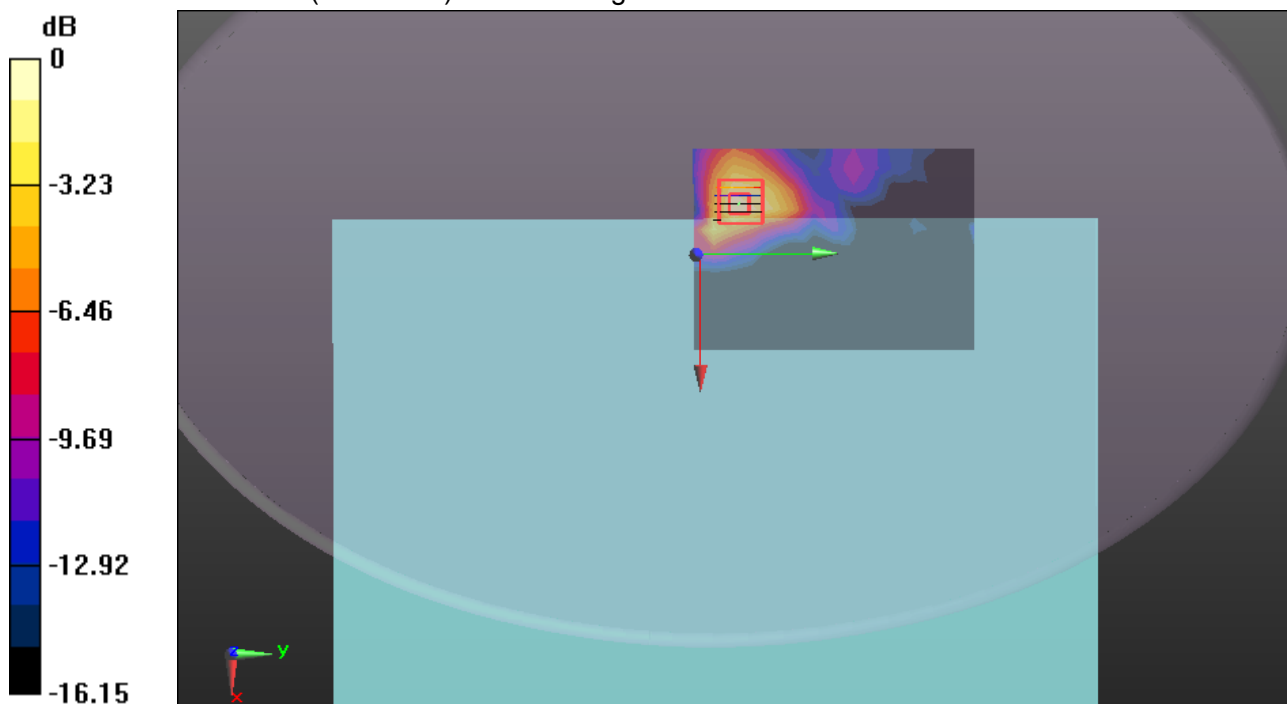
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.198 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/4/2017

WIFI 802.11a-Body Bottom CH165 Chain0-1804 (Amphenol Ant)**DUT: Notebook Computer; Type: Lenovo Y720-15IKB; Lenovo Y720g-15IKB; 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; $\sigma = 6.164$ S/m; $\epsilon_r = 47.916$; $\rho = 1000$ 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(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11a Body Bottom Main Antenna CH165 /Area Scan (14x16x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0478 W/kg

WIFI/IEEE802.11a Body Bottom Main Antenna CH165 /Zoom Scan (7x7x7)/Cube 0: Measurement

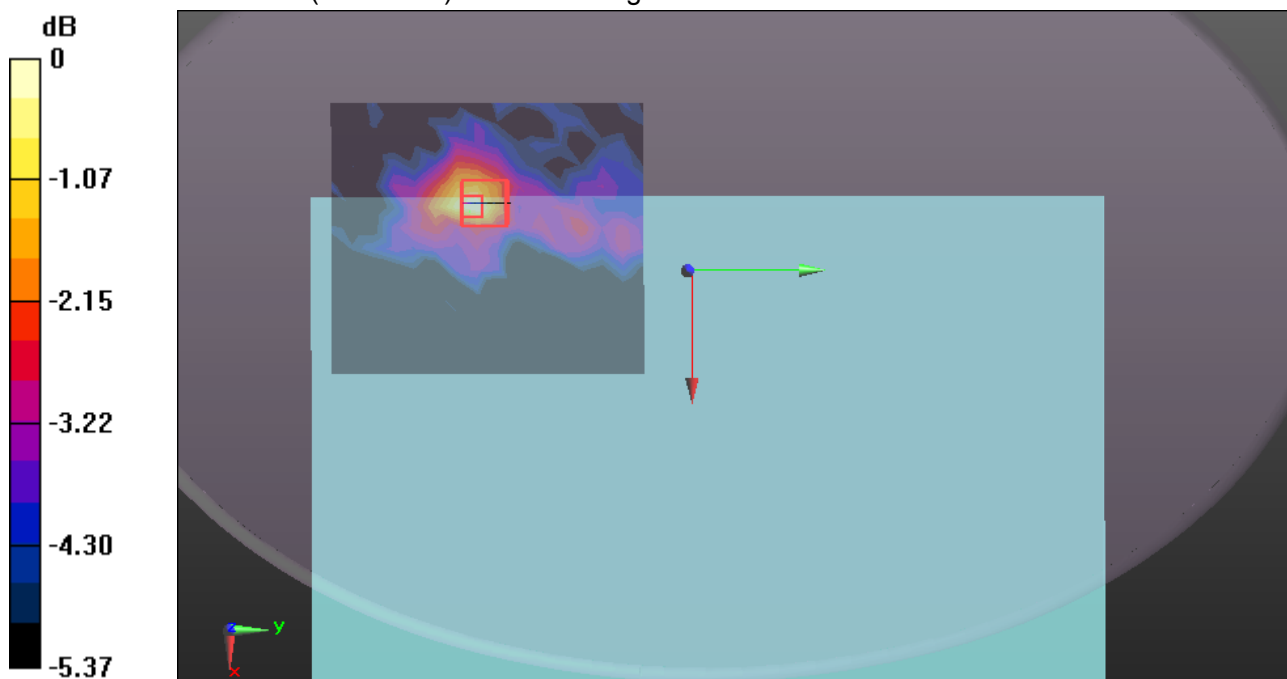
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.287 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0508 W/kg



0 dB = 0.0508 W/kg = -12.94 dBW/kg