

WIFI 802.11 b-Body Rear CH1 Chain0	3
WIFI 802.11 b-Body Rear CH6 Chain0	4
WIFI 802.11 b-Body Rear CH11 Chain0	5
WIFI 802.11 b-Body Edge 1 CH6 Chain0	6
WIFI 802.11 b-Body Rear CH6 Chain0 repeat	7
2.4GHz -Body Rear CH0 Chain0	8
2.4GHz -Body Rear CH19 Chain0	9
2.4GHz -Body Rear CH39 Chain0	10
2.4GHz -Body Edge 1 CH19 Chain0	11
WIFI 802.11 a-Body Rear CH52 Chain0	12
WIFI 802.11 a-Body Rear CH56 Chain0	13
WIFI 802.11 a-Body Rear CH64 Chain0	14
WIFI 802.11 a-Body Rear CH100 Chain0	15
WIFI 802.11 a-Body Rear CH116 Chain0	16
WIFI 802.11 a-Body Rear CH128 Chain0	17
WIFI 802.11 a-Body Rear CH149 Chain0	18
WIFI 802.11 a-Body Rear CH157 Chain0	19
WIFI 802.11 a-Body Rear CH165 Chain0	20
WIFI 802.11 a-Body Edge 1 CH56 Chain0	21
WIFI 802.11 a-Body Edge 1 CH116 Chain0	22
WIFI 802.11 a-Body Edge 1 CH149 Chain0	23
WIFI 802.11 a-Body Rear CH157 Chain0 repeat	24
WIFI 802.11 b-Body Rear CH1 Chain1	24
WIFI 802.11 b-Body Rear CH6 Chain1	26
WIFI 802.11 b-Body Rear CH11 Chain1	27
WIFI 802.11 b-Body Edge 1 CH1 Chain1	28
2.4GHz -Body Rear CH00 Chain1	29
2.4GHz -Body Rear CH19 Chain1	30
2.4GHz -Body Rear CH39 Chain1	31
2.4GHz -Body Edge 1 CH00 Chain1	32
WIFI 802.11 a-Body Rear CH52 Chain1	33
WIFI 802.11 a-Body Rear CH56 Chain1	34
WIFI 802.11 a-Body Rear CH64 Chain1	35
WIFI 802.11 a-Body Rear CH100 Chain1	36
WIFI 802.11 a-Body Rear CH116 Chain1	37
WIFI 802.11 a-Body Rear CH128 Chain1	38
WIFI 802.11 a-Body Rear CH149 Chain1	39
WIFI 802.11 a-Body Rear CH157 Chain1	40
WIFI 802.11 a-Body Rear CH165 Chain1	41
WIFI 802.11 a-Body Edge 1 CH64 Chain1	42
WIFI 802.11 a-Body Edge 1 CH116 Chain1	43
WIFI 802.11 a-Body Edge 1 CH165 Chain1	44



WIFI 802.11 b-Body Rear CH1 Chain1 repeat 45

WIFI 802.11 a-Body Rear CH56 Chain1 repeat 46

WIFI 802.11 a-Body Rear CH116 Chain1 repeat 47

WIFI 802.11 a-Body Rear CH157 Chain1 repeat 48

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

WiFi 802.11 b-Body Rear CH1 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 1.94$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body CH1 Chain0 /Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.89 W/kg

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

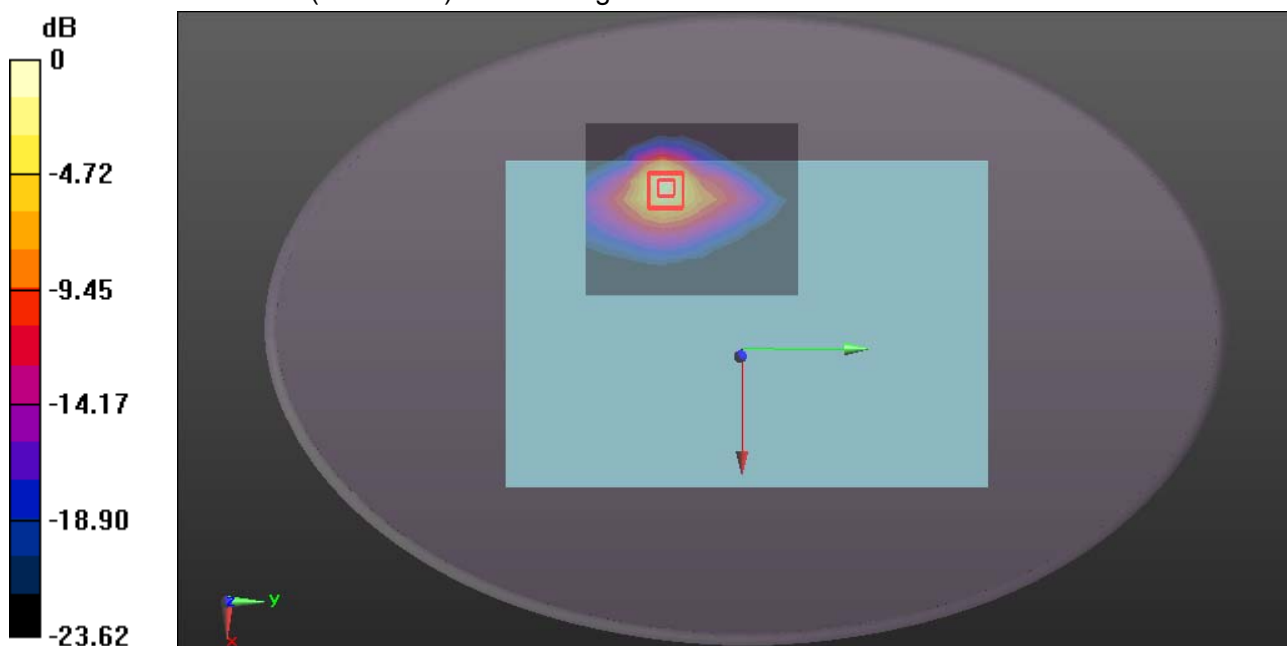
dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.251 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

WiFi 802.11 b-Body Rear CH6 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 1.959$ S/m; $\epsilon_r = 51.125$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body CH6 Chain0 /Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.88 W/kg

WiFi 2.4GHz/IEEE802.11b Body CH6 Chain0 /Zoom Scan (7x7x5)/Cube 0: Measurement grid:

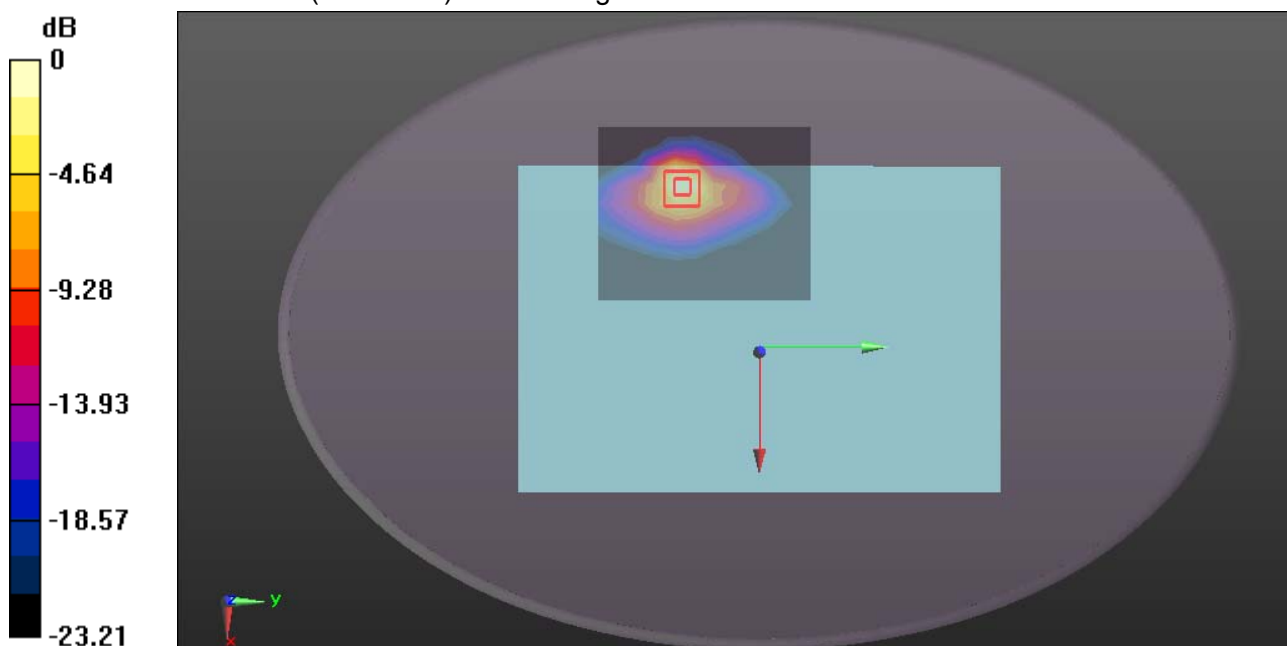
dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.237 V/m; Power Drift = -0.03dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.45 W/kg

Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

WIFI 802.11 b-Body Rear CH11 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 50.963$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body CH11 Chain0 /Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.55 W/kg

WiFi 2.4GHz/IEEE802.11b Body CH11 Chain0 /Zoom Scan (7x7x5)/Cube 0: Measurement grid:

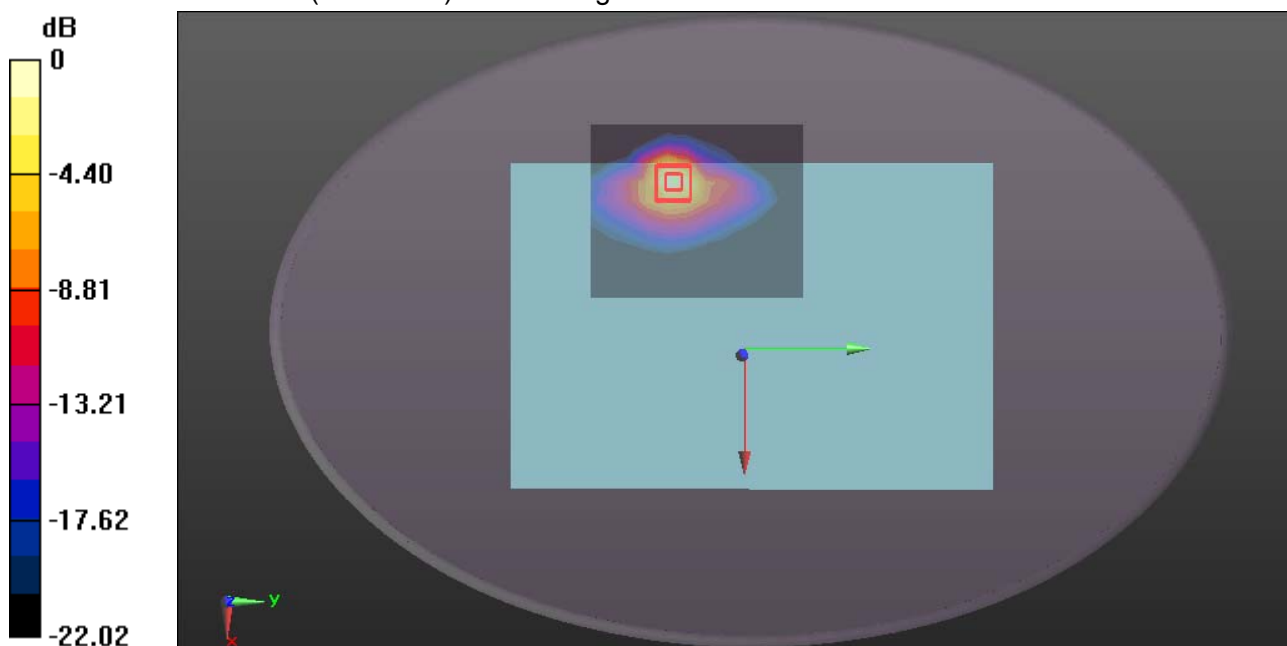
dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.549 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.38 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

WiFi 802.11 b-Body Edge 1 CH6 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 1.959$ S/m; $\epsilon_r = 51.125$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH6 Chain0/Area Scan (10x13x1): Measurement grid:

dx=12mm, dy=12mm

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

WiFi 2.4GHz/IEEE802.11b Body Edge 1 CH6 Chain0/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

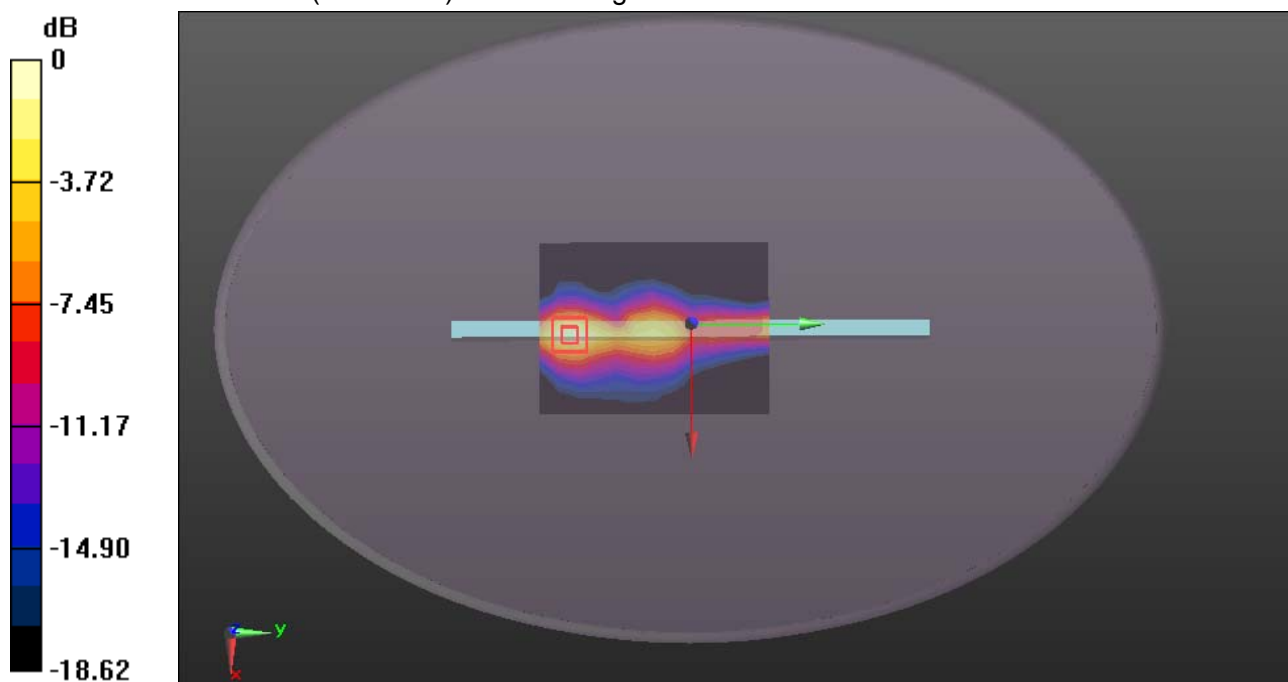
dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.938 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

WiFi 802.11 b-Body Rear CH6 Chain0 repeat**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 1.959$ S/m; $\epsilon_r = 51.125$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body CH6 Chain0 repeat/Area Scan (10x12x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.87 W/kg

WiFi 2.4GHz/IEEE802.11b Body CH6 Chain0 repeat/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

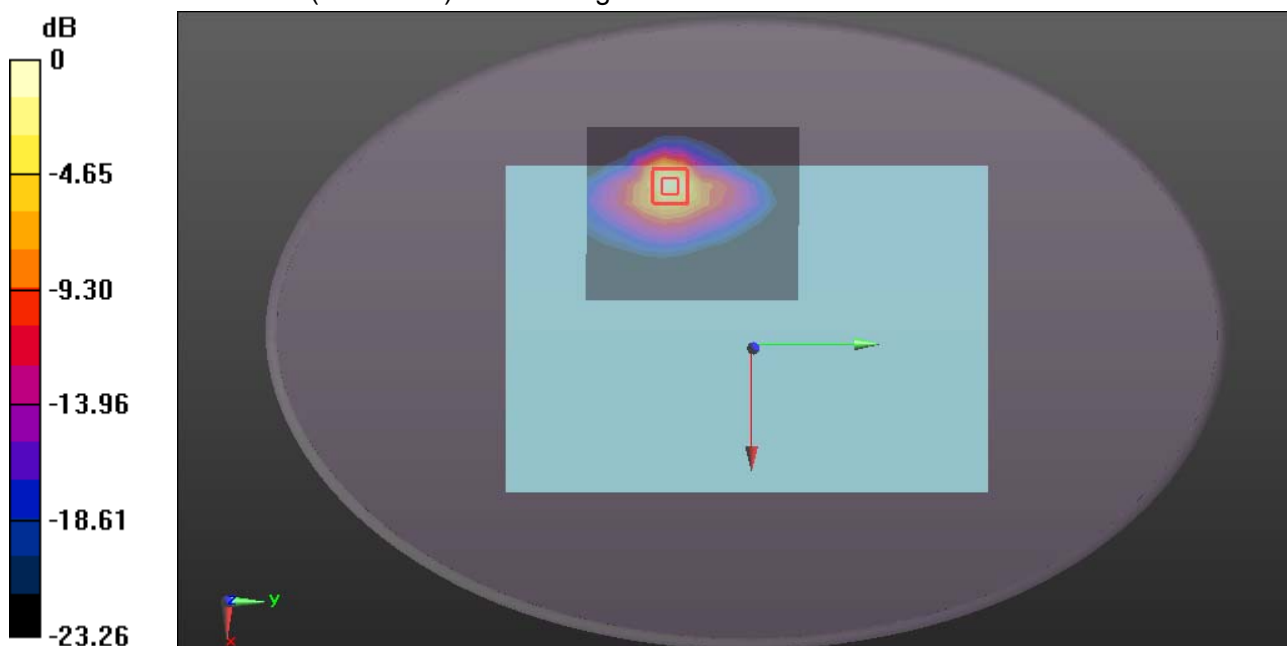
dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.632 V/m; Power Drift = -0.01dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

2.4GHz -Body Rear CH0 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2402$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 51.159$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body Rear CH0 Chain0/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.392 W/kg

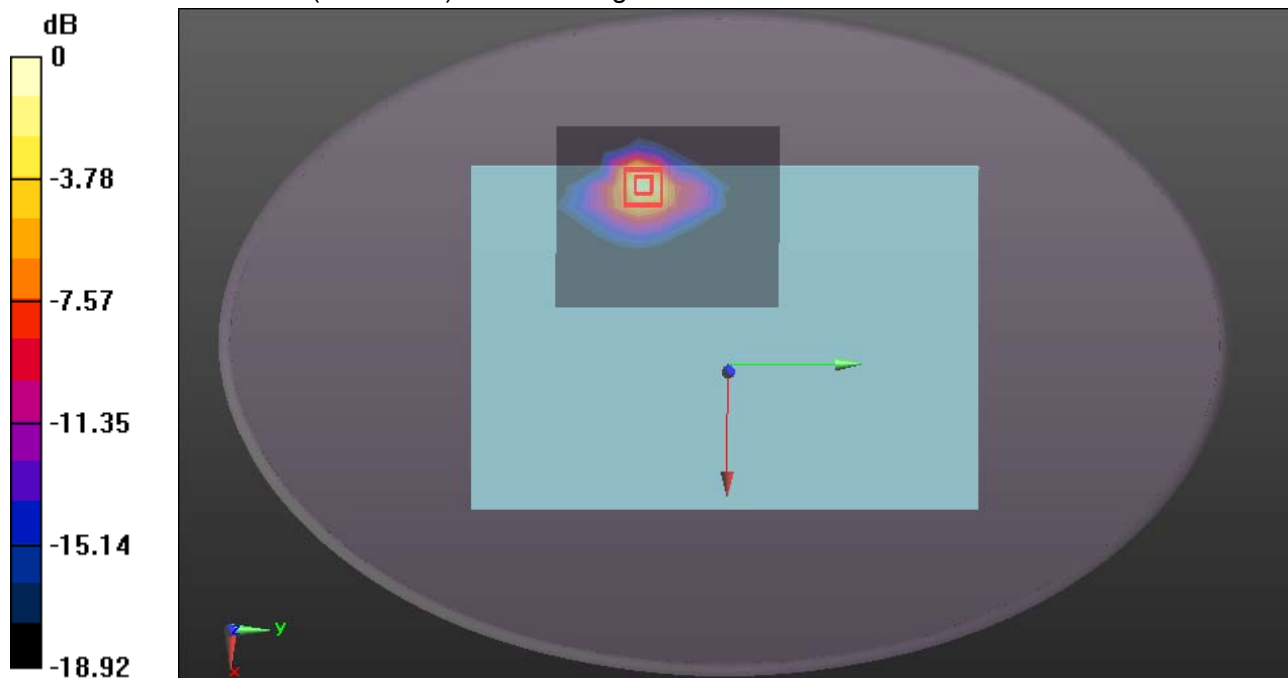
2.4GHz/Body Rear CH0 Chain0/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.642 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.053 W/kg[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.387 W/kg



0 dB = 0.387 W/kg = -4.12 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

2.4GHz -Body Rear CH19 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 51.115$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body Rear CH19 Chain0/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.403 W/kg

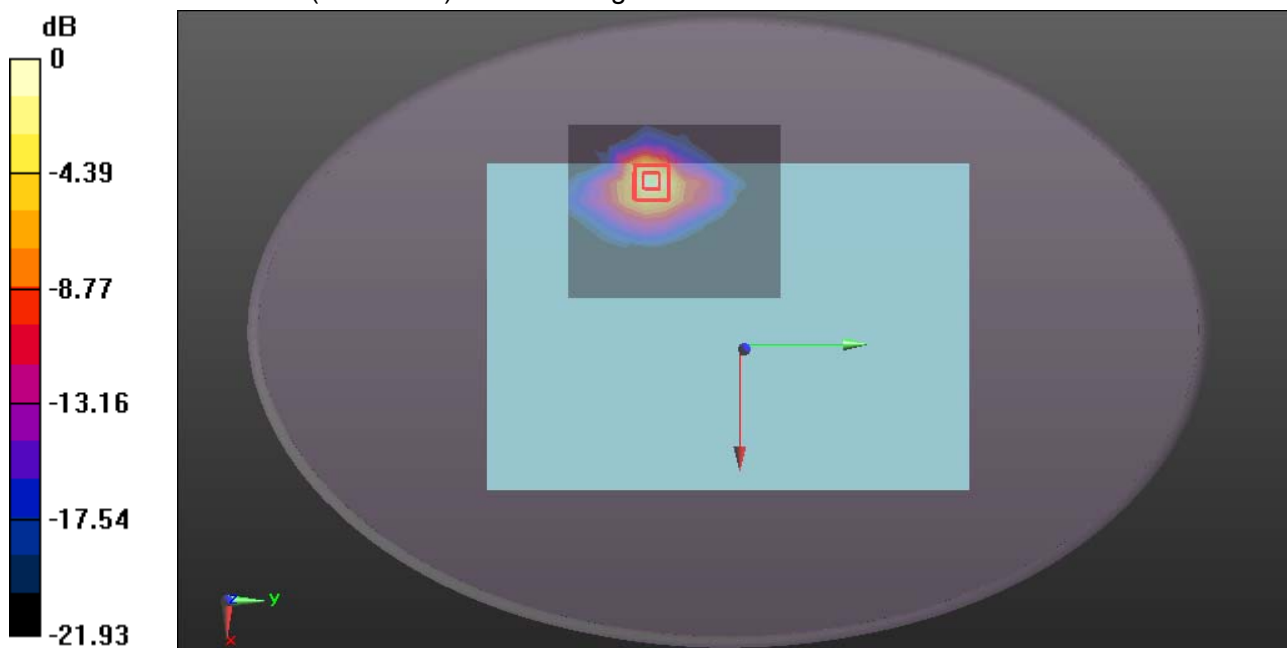
2.4GHz/Body Rear CH19 Chain0/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.369 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.0617 W/kg

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



0 dB = 0.398 W/kg = -4.00 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

2.4GHz -Body Rear CH39 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 50.826$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body Rear CH39 Chain0/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.421 W/kg

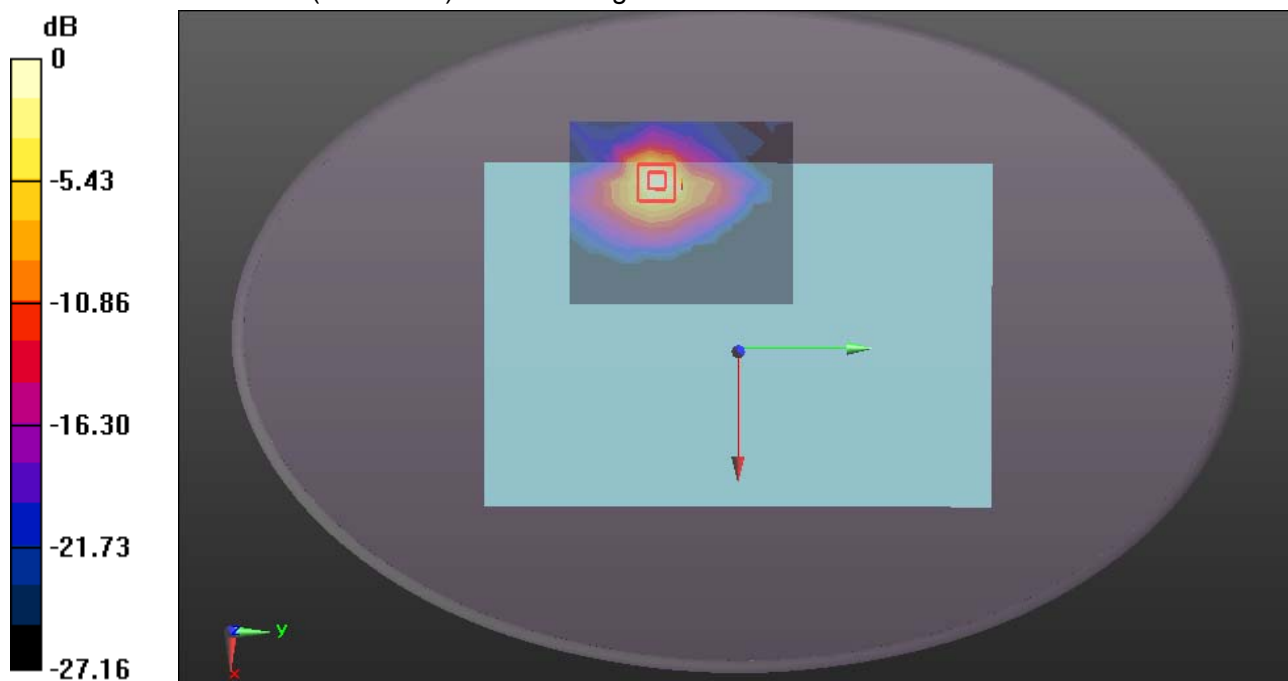
2.4GHz/Body Rear CH39 Chain0/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.951 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.0506 W/kg

Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/24/2017

2.4GHz -Body Edge 1 CH19 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 51.115$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

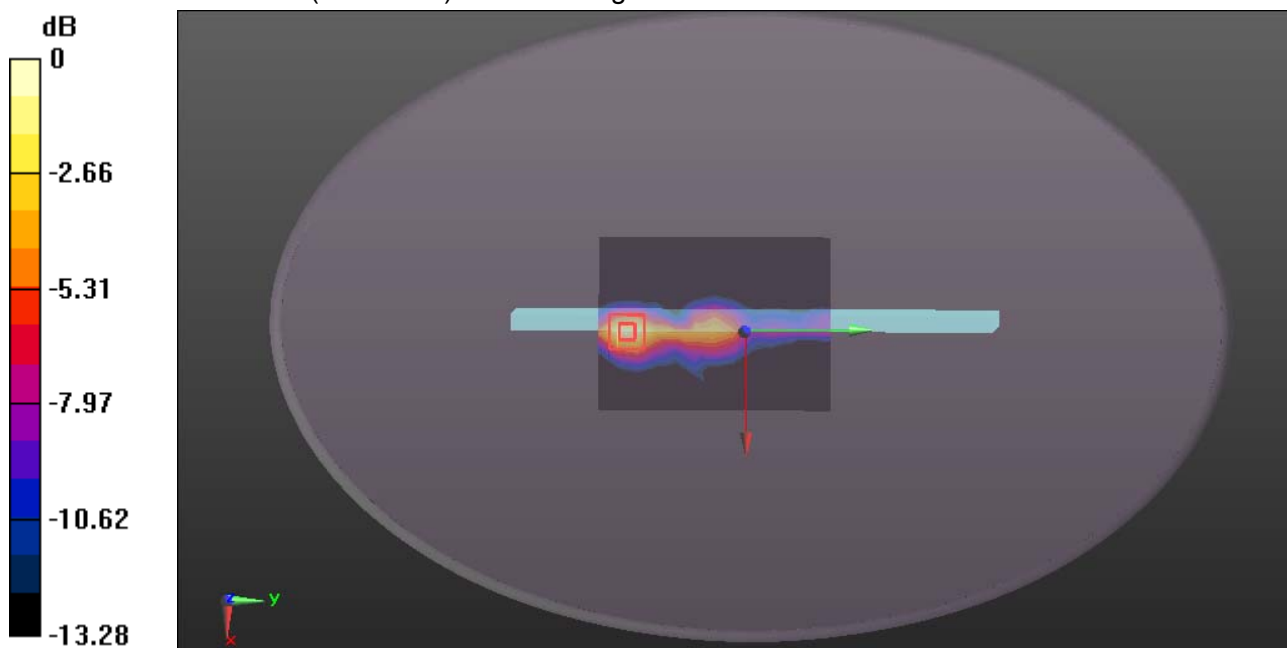
2.4GHz/Body Edge 1 CH19 Chain0/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.103 W/kg**2.4GHz/Body Edge 1 CH19 Chain0/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.198 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.0577 W/kg; SAR(10 g) = 0.0283 W/kg

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH52 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.516$ S/m; $\epsilon_r = 48.767$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH52 Chain0/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.24 W/kg

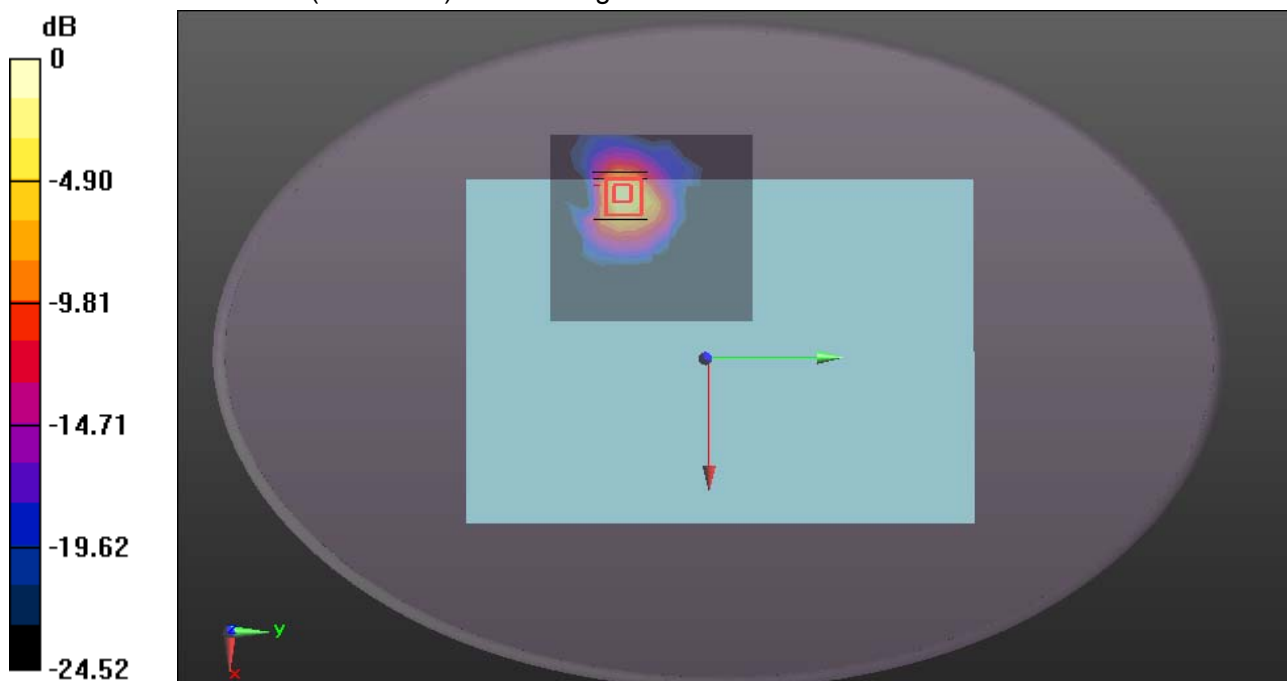
WIFI/IEEE802.11a Body Rear CH52 Chain0/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.612 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH56 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.532$ S/m; $\epsilon_r = 48.904$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH56 Chain0 /Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.48 W/kg

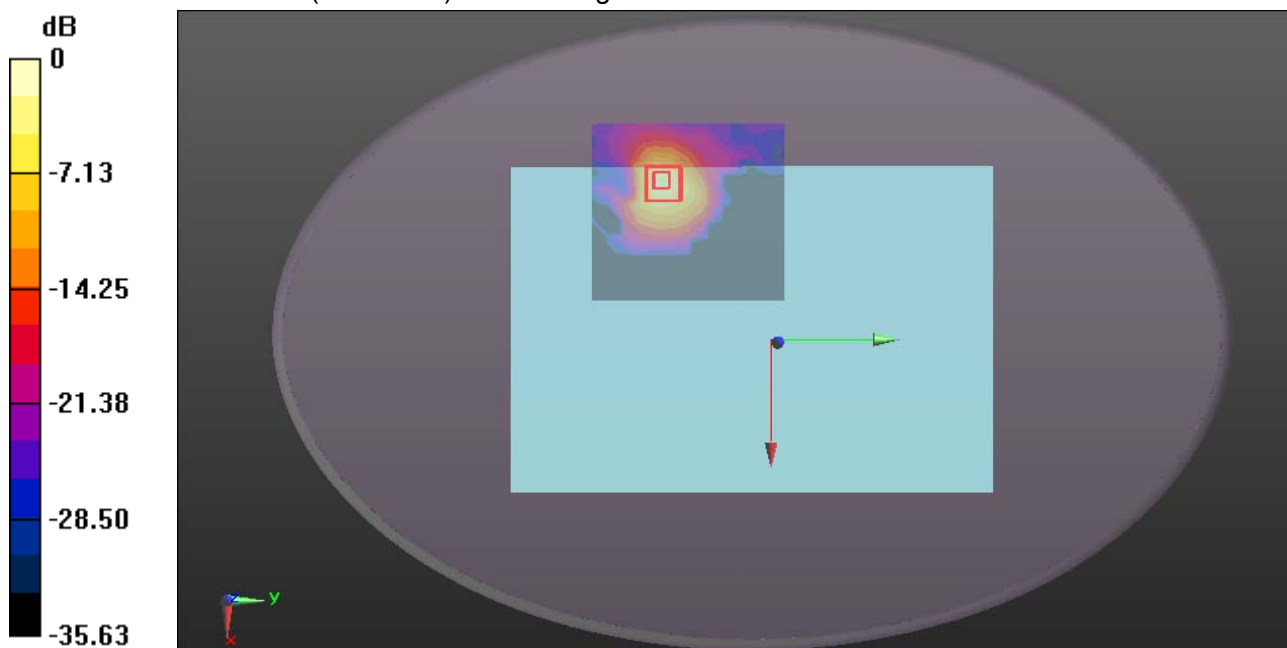
WIFI/IEEE802.11a Body Rear CH56 Chain0 /Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.998 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 2.20 W/kg



0 dB = 2.20 W/kg = 3.42 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH64 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.463$ S/m; $\epsilon_r = 48.76$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH64 Chain0/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

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

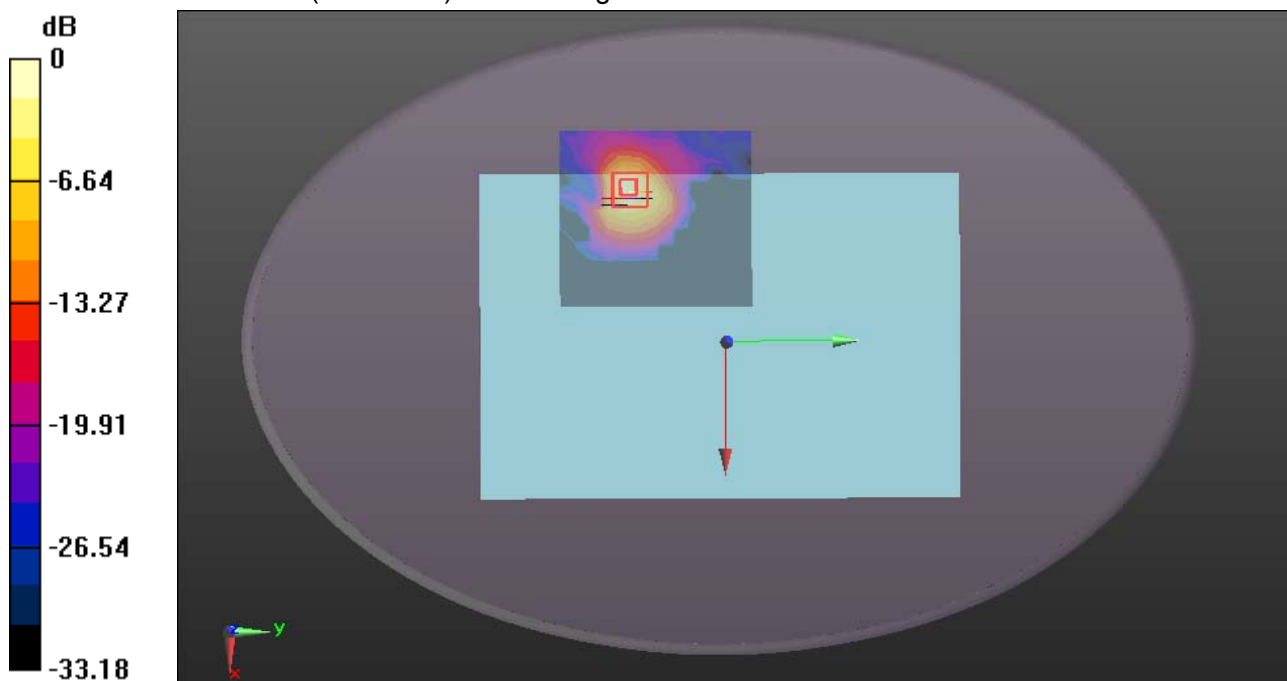
WIFI/IEEE802.11a Body Rear CH64 Chain0/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.516 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH100 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

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

Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.72$ S/m; $\epsilon_r = 48.593$; $\rho = 1000$ 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 - SN3820; ConvF(3.94, 3.94, 3.94); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH100 Chain0/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.43 W/kg

WIFI/IEEE802.11a Body Rear CH100 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

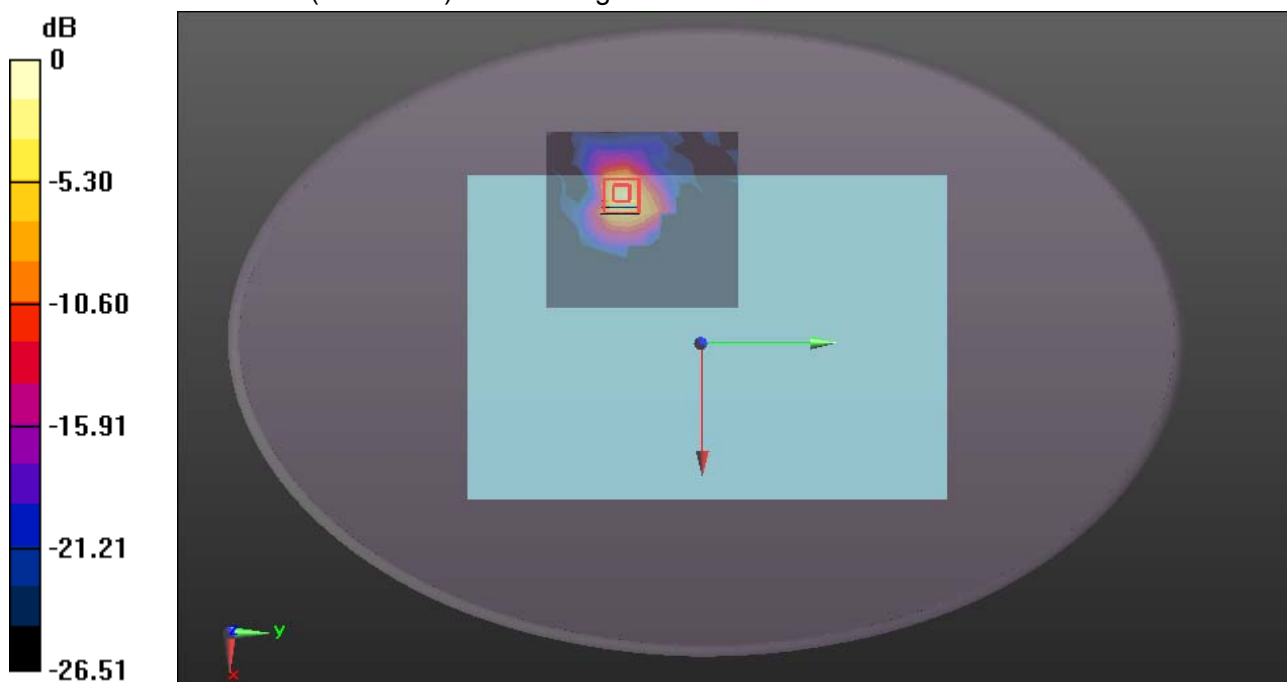
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.622 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH116 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.909$ S/m; $\epsilon_r = 48.086$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH116 Chain0 /Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.52 W/kg

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

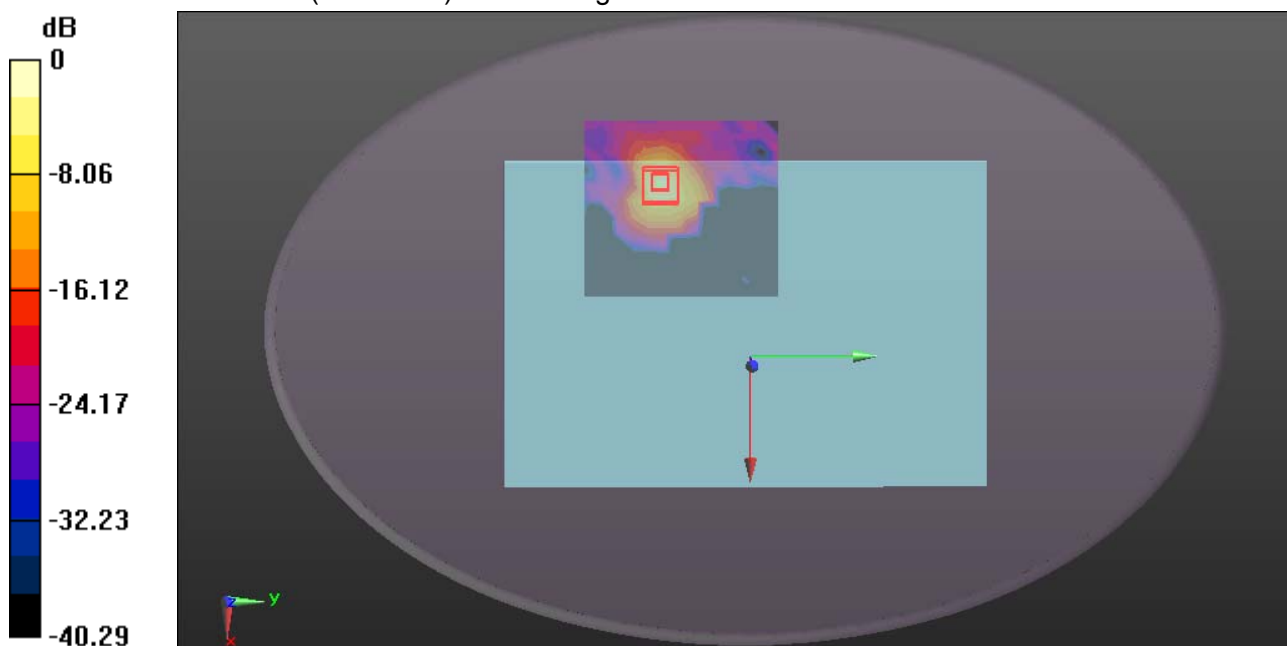
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.214 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.16 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH128 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

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

Frequency: 5640 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5640$ MHz; $\sigma = 5.862$ S/m; $\epsilon_r = 48.027$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH128 Chain0/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.37 W/kg

WIFI/IEEE802.11a Body Rear CH128 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

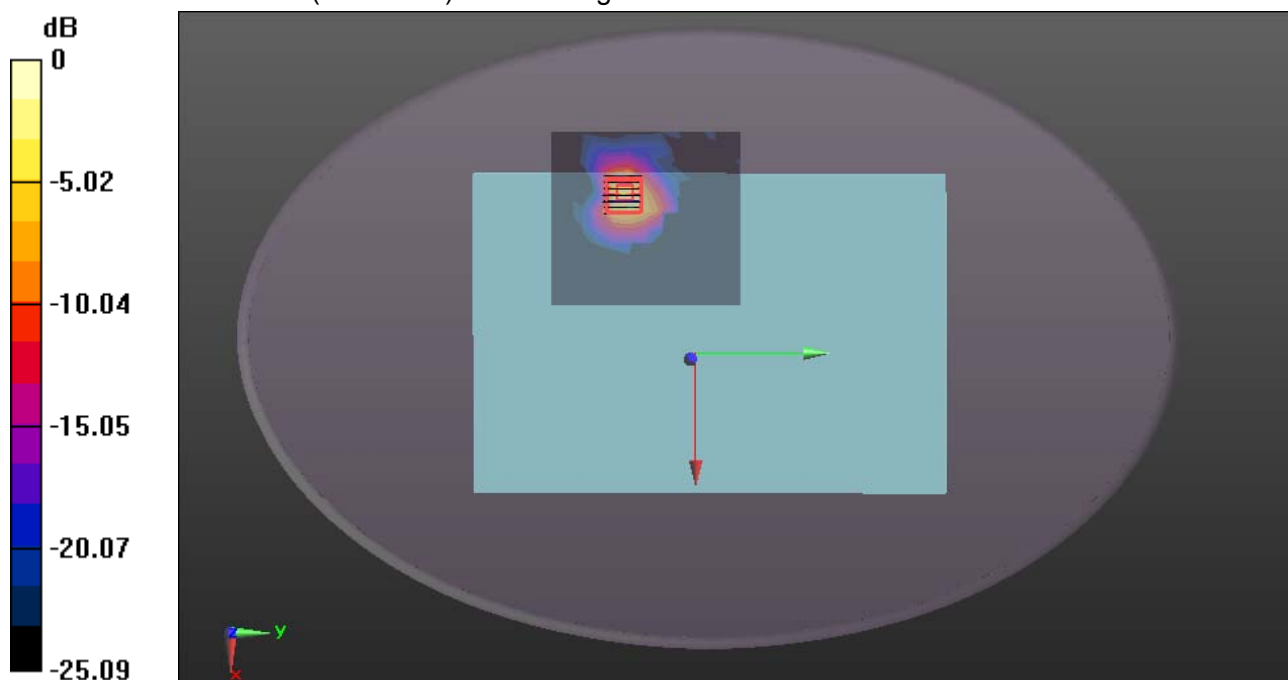
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.639 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH149 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 6.042$ S/m; $\epsilon_r = 47.792$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH149 Chain0 /Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.79 W/kg

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

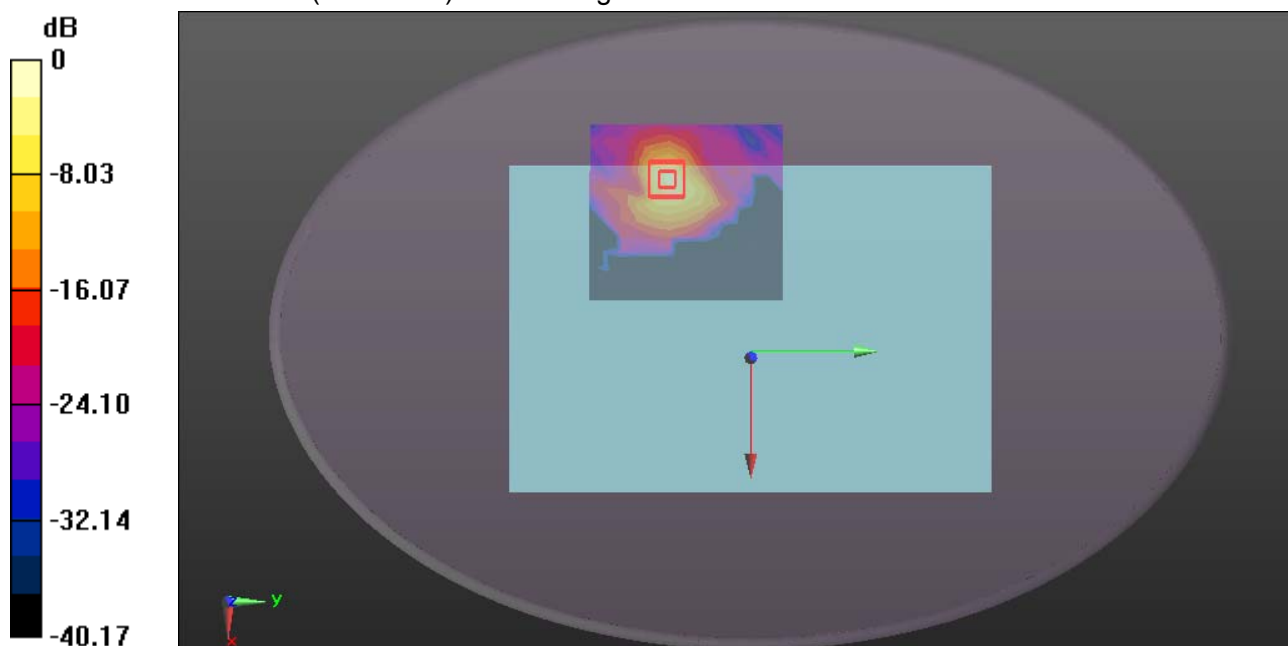
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.032 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.59 W/kg

SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH157 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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: $f = 5785 \text{ MHz}$; $\sigma = 6.116 \text{ S/m}$; $\epsilon_r = 47.635$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH157 Chain0 /Area Scan (12x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.14 W/kg

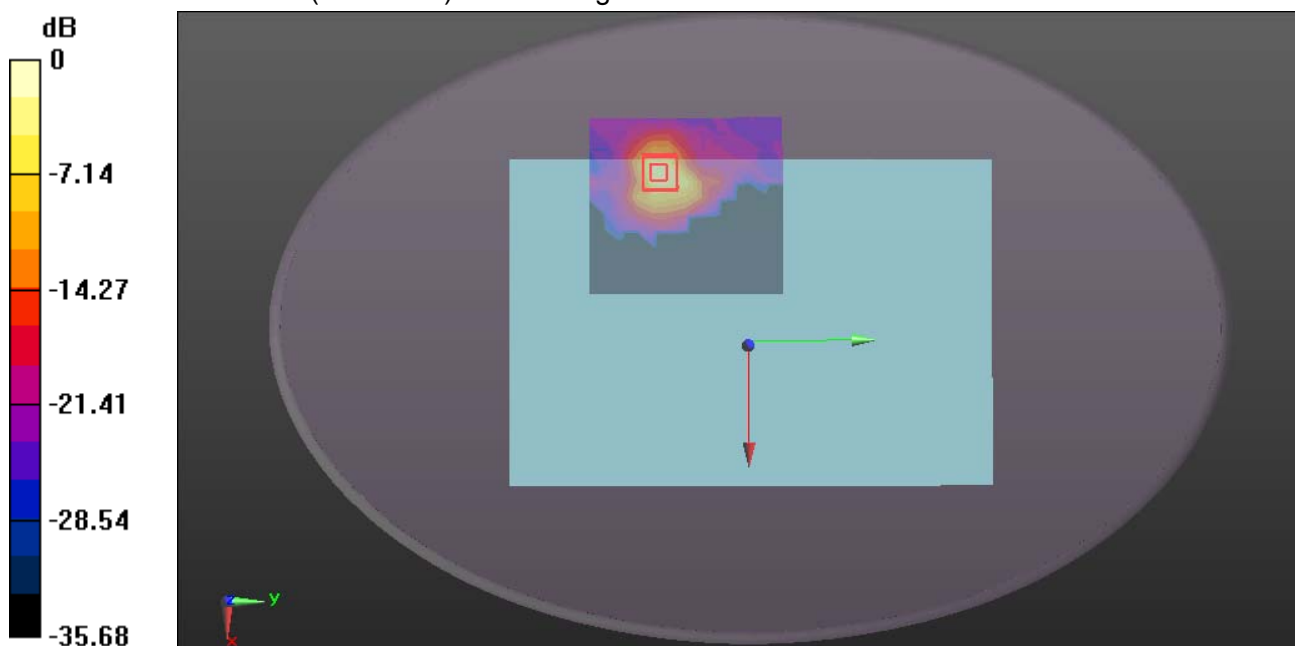
WIFI/IEEE802.11a Body Rear CH157 Chain0 /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 12.362 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 5.89 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 3.34 W/kg



0 dB = 3.34 W/kg = 5.24 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH165 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 6.204$ S/m; $\epsilon_r = 47.951$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH165 Chain0/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.56 W/kg

WIFI/IEEE802.11a Body Rear CH165 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

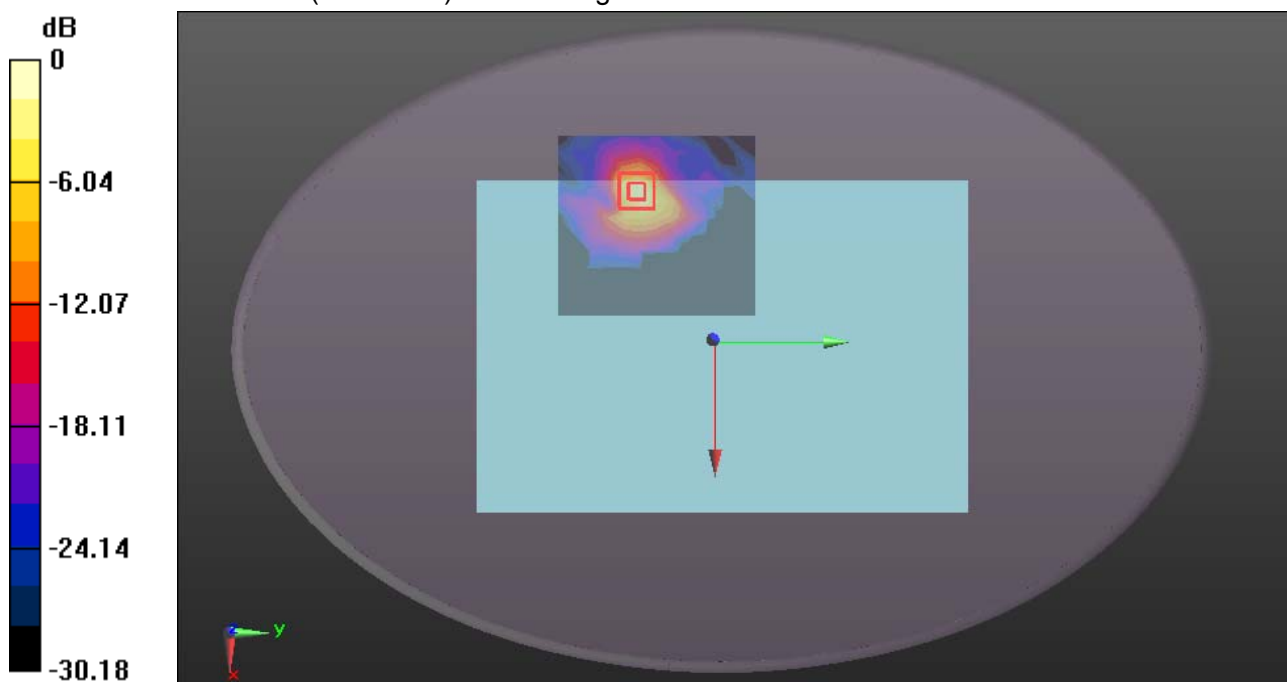
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.186 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.86 W/kg

SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Edge 1 CH56 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.532$ S/m; $\epsilon_r = 48.904$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH56 Chain0/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.558 W/kg

WIFI/IEEE802.11a Body Edge 1 CH56 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

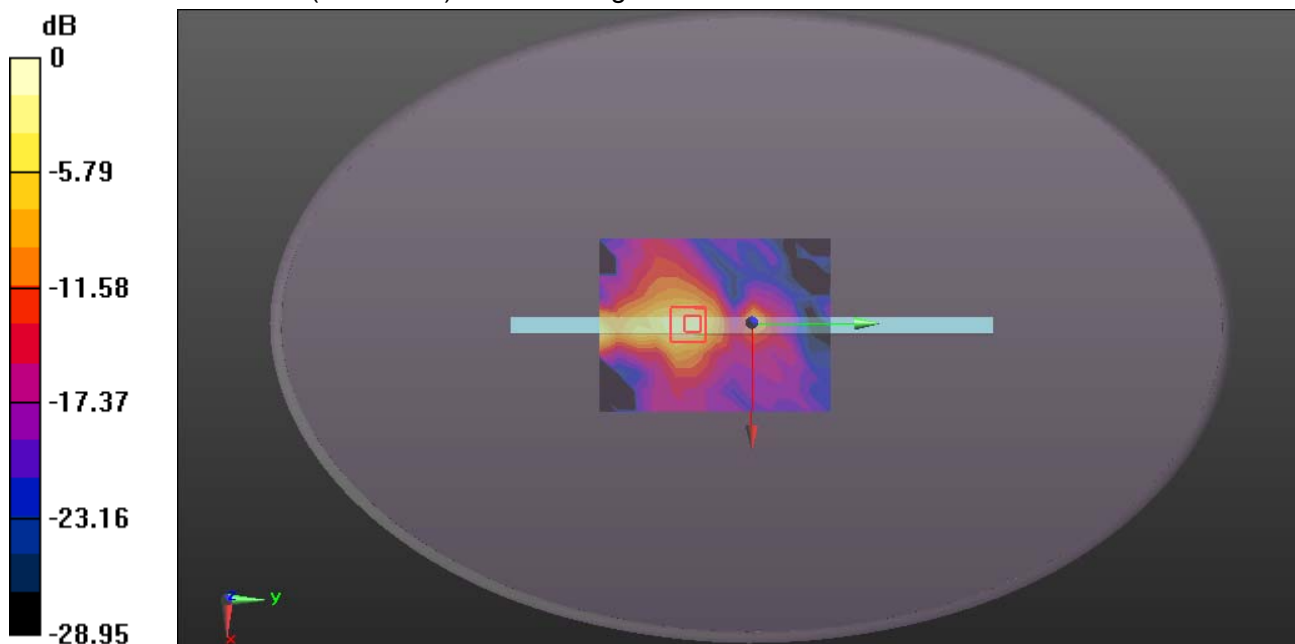
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.077 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.0943 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Edge 1 CH116 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.909$ S/m; $\epsilon_r = 48.086$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH116 Chain0/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.621 W/kg

WIFI/IEEE802.11a Body Edge 1 CH116 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

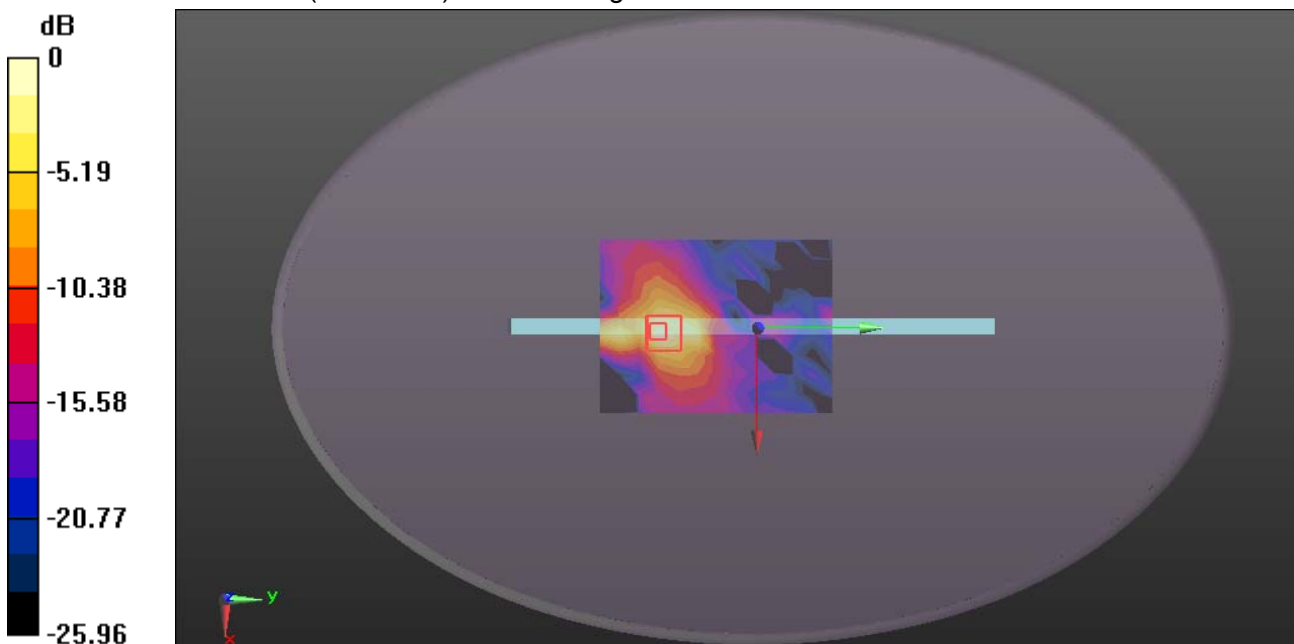
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.680 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.0661 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: 9/25/2017

WIFI 802.11 a-Body Edge 1 CH149 Chain0**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 6.042$ S/m; $\epsilon_r = 47.792$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH149 Chain0/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.833 W/kg

WIFI/IEEE802.11a Body Edge 1 CH149 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

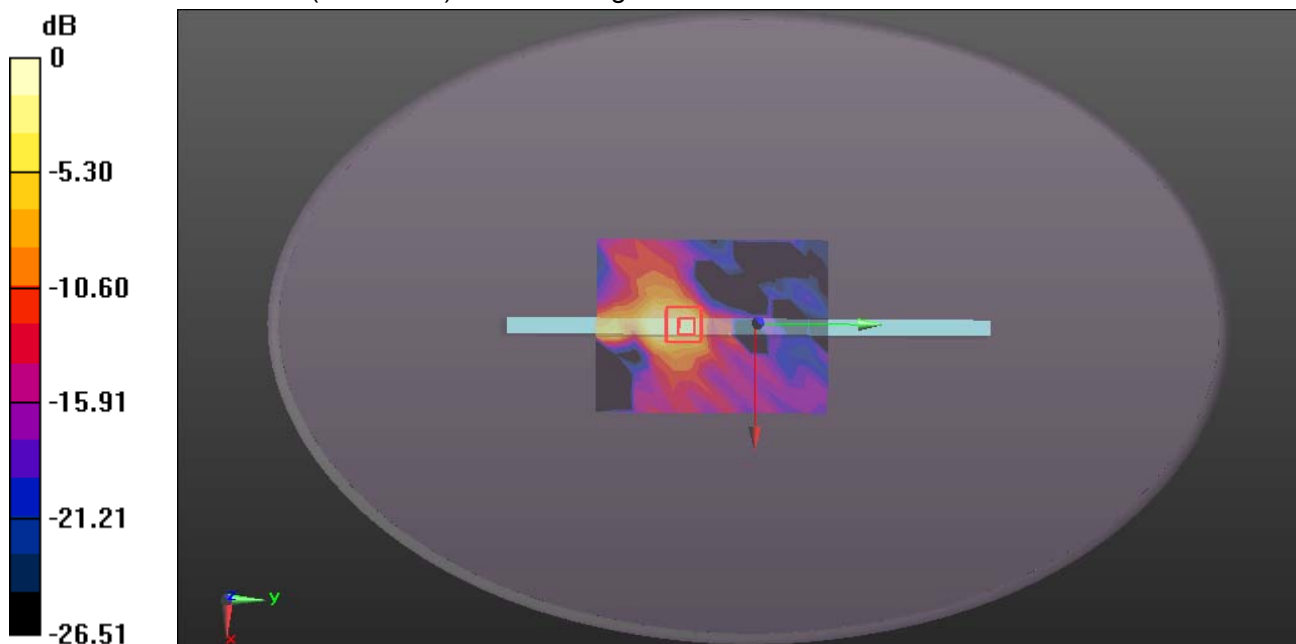
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.5820 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.946 W/kg



0 dB = 0.946 W/kg = -2.48 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 9/25/2017

WIFI 802.11 a-Body Rear CH157 Chain0 repeat**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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: $f = 5785 \text{ MHz}$; $\sigma = 6.116 \text{ S/m}$; $\epsilon_r = 47.635$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH157 Chain0 repeat/Area Scan (12x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.09 W/kg

WIFI/IEEE802.11a Body Rear CH157 Chain0 repeat/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

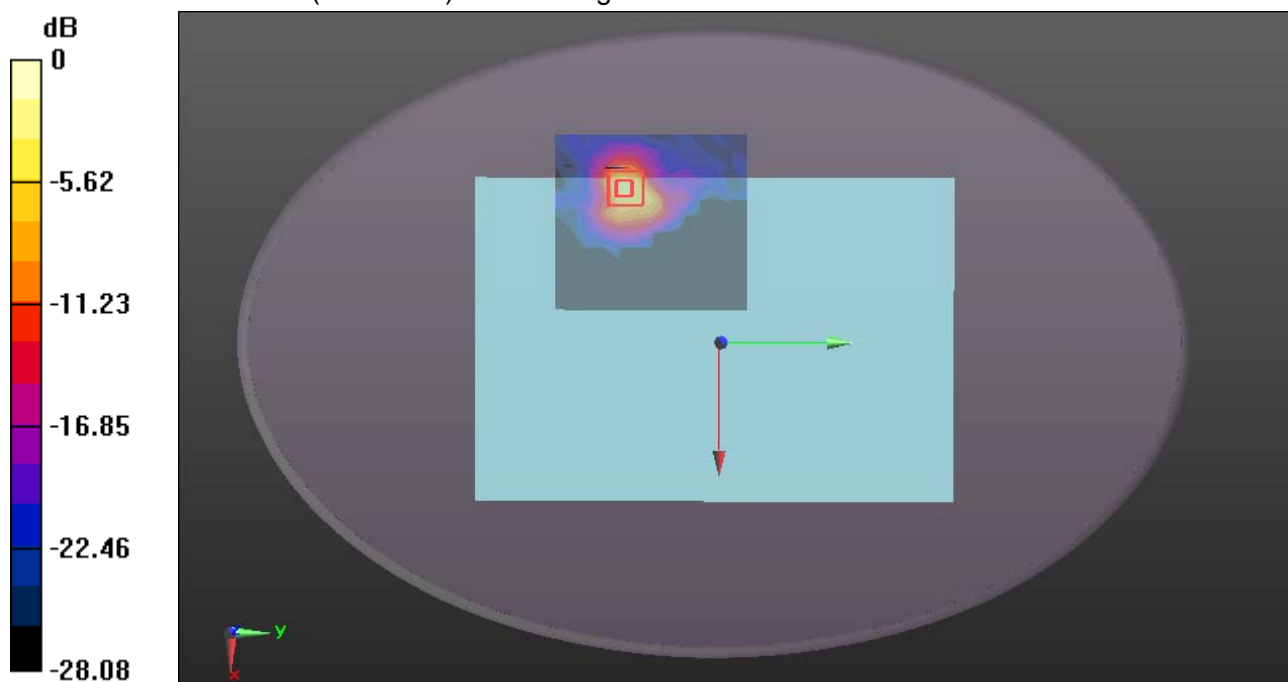
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.958 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 5.64 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 3.16 W/kg



0 dB = 3.16 W/kg = 5.00 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

WIFI 802.11 b-Body Rear CH1 Chain1

DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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: $f = 2412 \text{ MHz}$; $\sigma = 1.94 \text{ S/m}$; $\epsilon_r = 51.54$; $\rho = 1000 \text{ kg/m}^3$

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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH1 Chain1/Area Scan (10x11x1): Measurement grid:

$dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.87 W/kg

WiFi 2.4GHz/IEEE802.11b Body Rear CH1 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

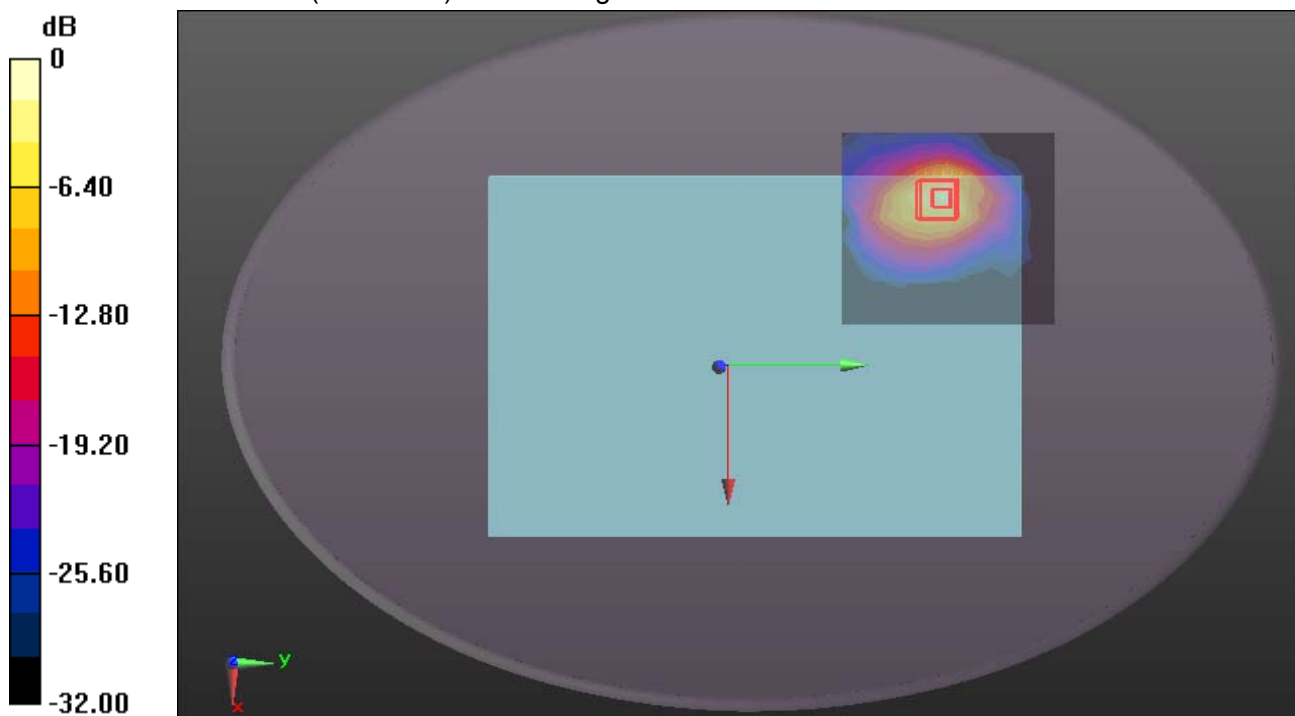
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.9519 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

WiFi 802.11 b-Body Rear CH6 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\epsilon_r = 51.669$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH6 Chain1/Area Scan (10x11x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.23 W/kg

WiFi 2.4GHz/IEEE802.11b Body Rear CH6 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

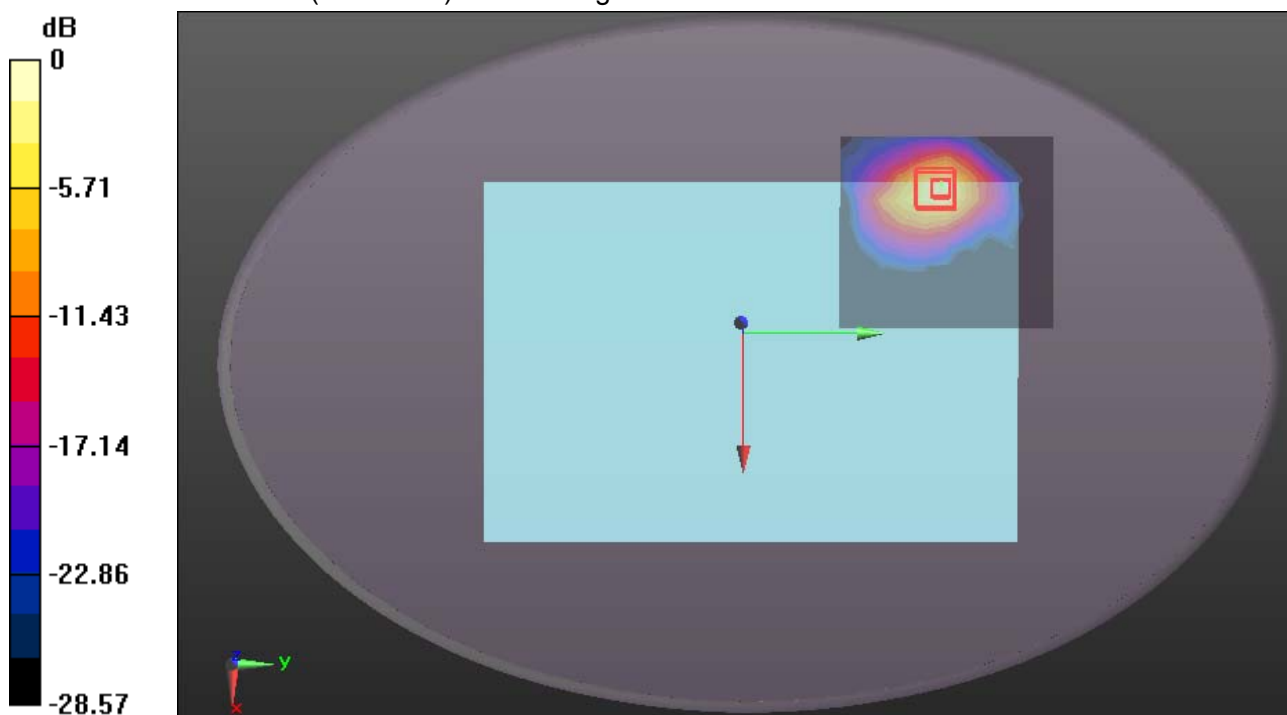
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.546 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

WiFi 802.11 b-Body Rear CH11 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 51.601$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH11 Chain1/Area Scan (10x11x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.989 W/kg

WiFi 2.4GHz/IEEE802.11b Body Rear CH11 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

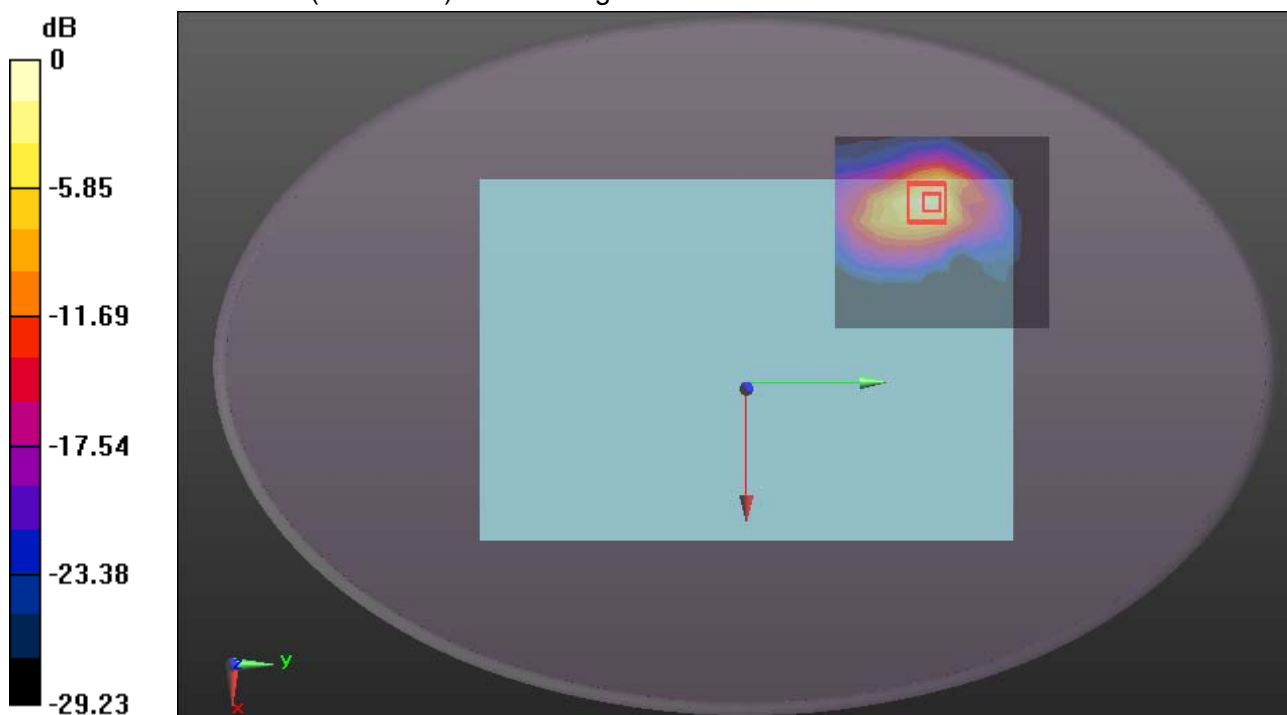
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.6914 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

WiFi 802.11 b-Body Edge 1 CH1 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 1.942$ S/m; $\epsilon_r = 51.548$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH1 Chain1/Area Scan (11x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.643 W/kg

WiFi 2.4GHz/IEEE802.11b Body Edge 1 CH1 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid:

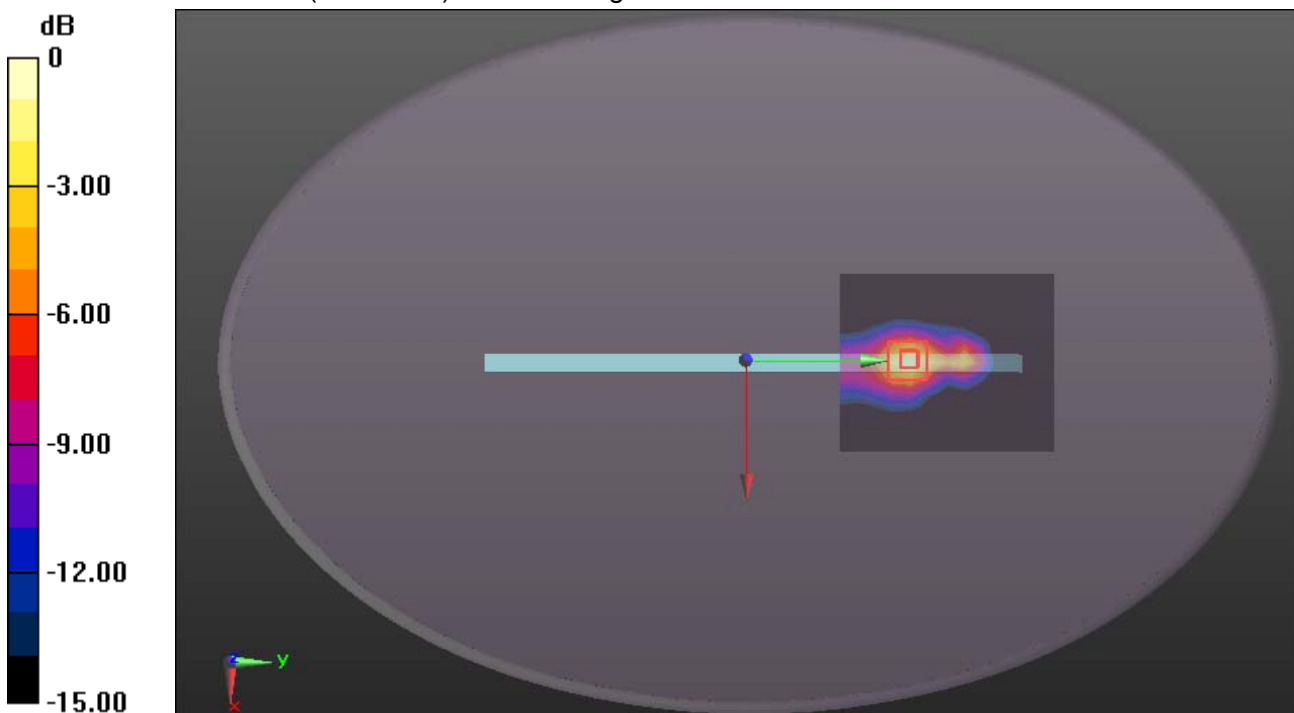
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.866 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

2.4GHz -Body Rear CH00 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2402$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.537$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body Rear CH00 Chain1/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.190 W/kg

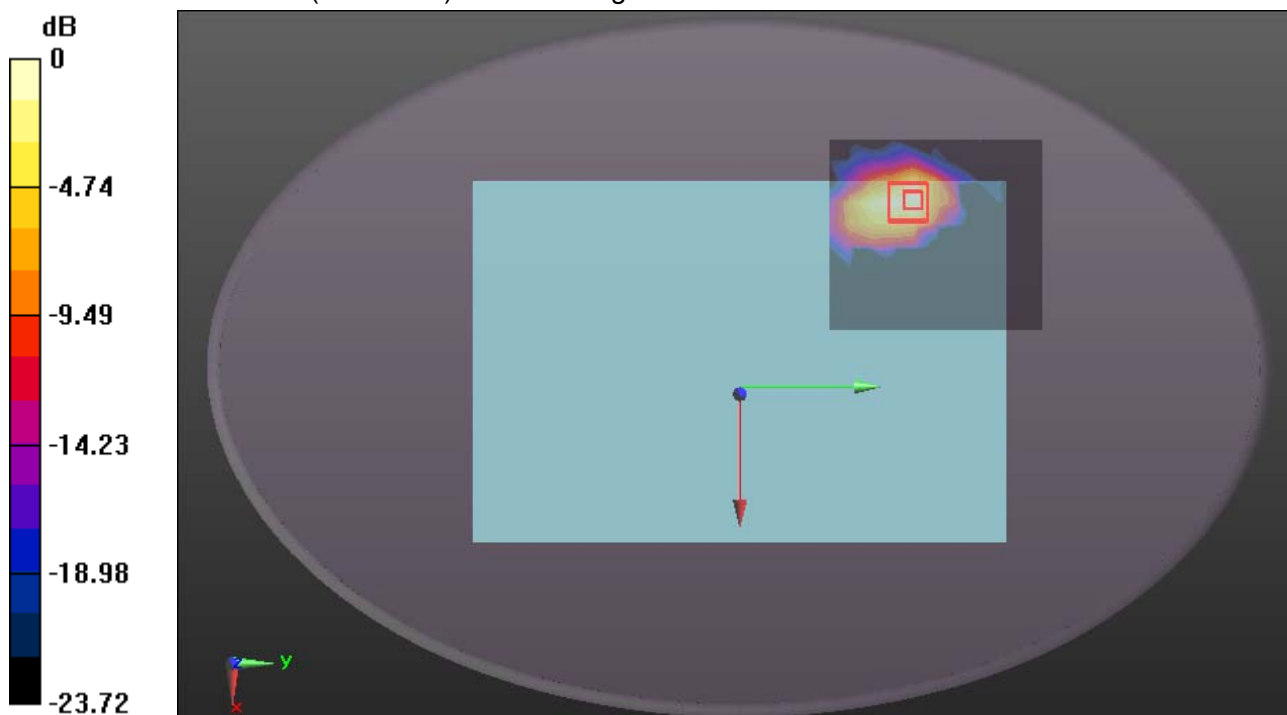
2.4GHz/Body Rear CH00 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.6989 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

2.4GHz -Body Rear CH19 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 51.675$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

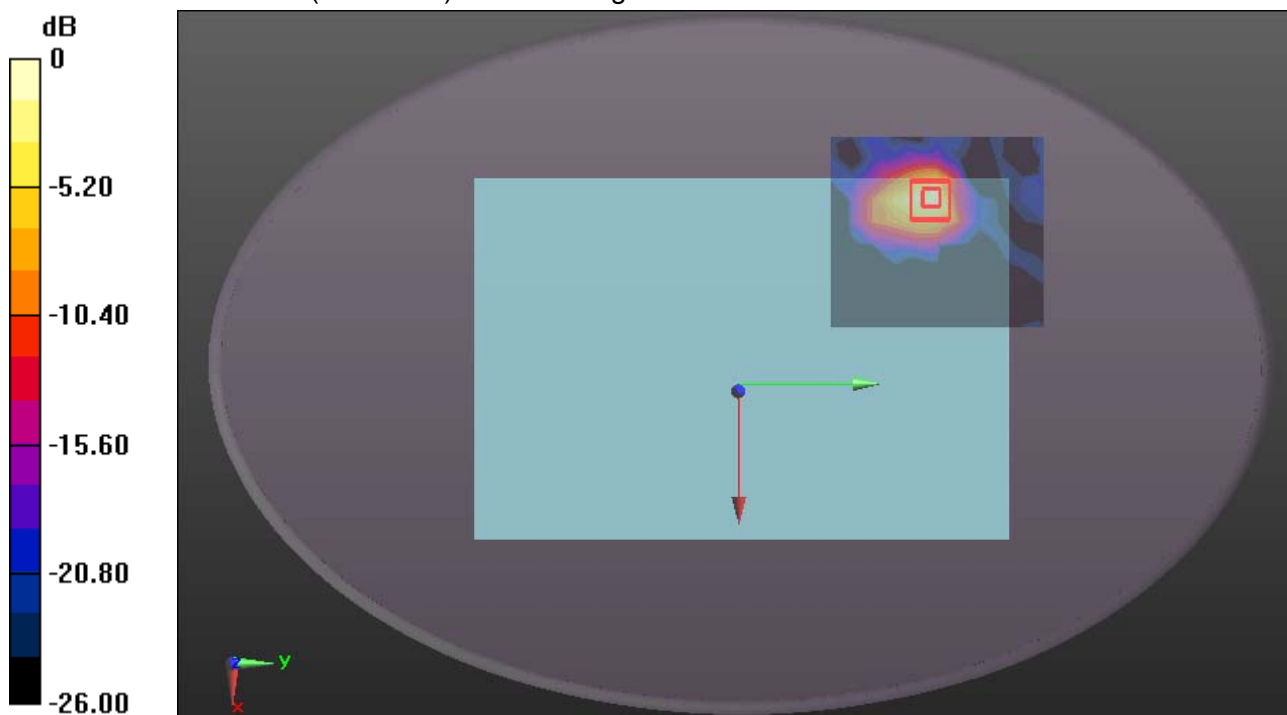
2.4GHz/Body Rear CH19 Chain1/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.209 W/kg**2.4GHz/Body Rear CH19 Chain1/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7715 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.0934 W/kg; SAR(10 g) = 0.0362 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: 8/14/2017

2.4GHz -Body Rear CH39 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2480$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 51.521$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body Rear CH39 Chain1/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.226 W/kg

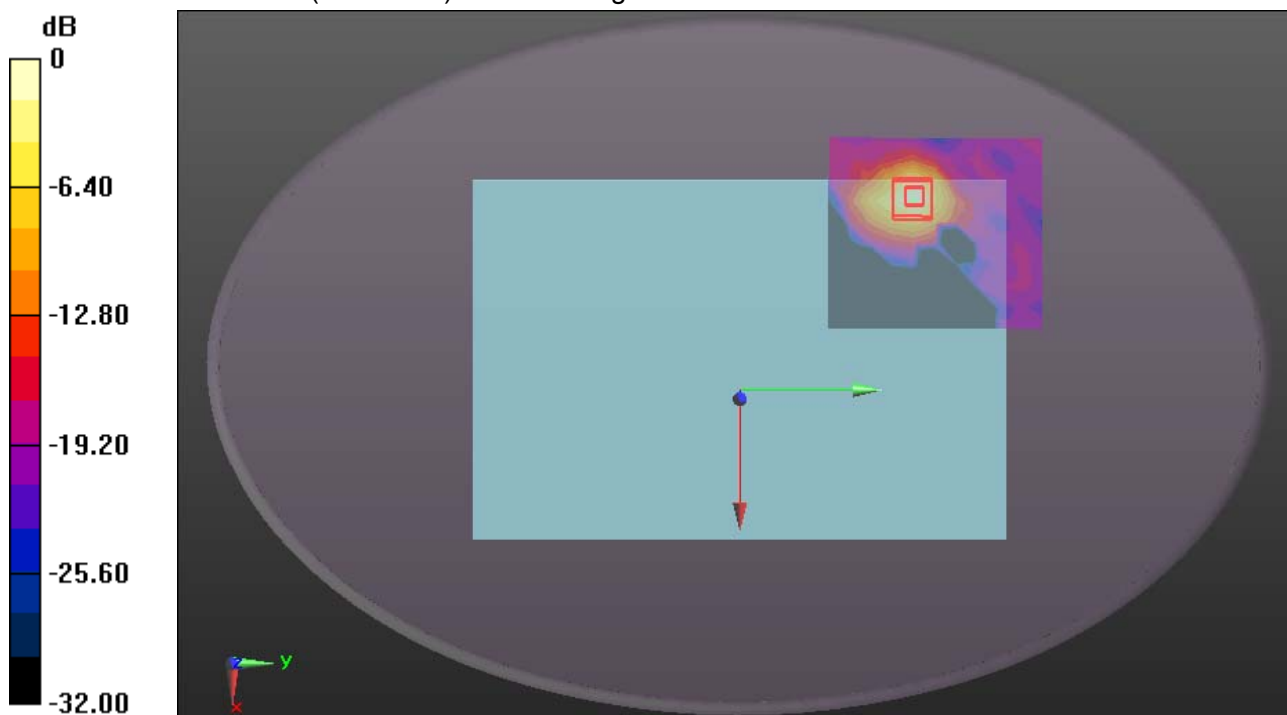
2.4GHz/Body Rear CH39 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.684 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.0388 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg = -6.93 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

2.4GHz -Body Edge 1 CH00 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, BLE (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 2402$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.537$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body Edge 1 CH00 Chain1/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.114 W/kg

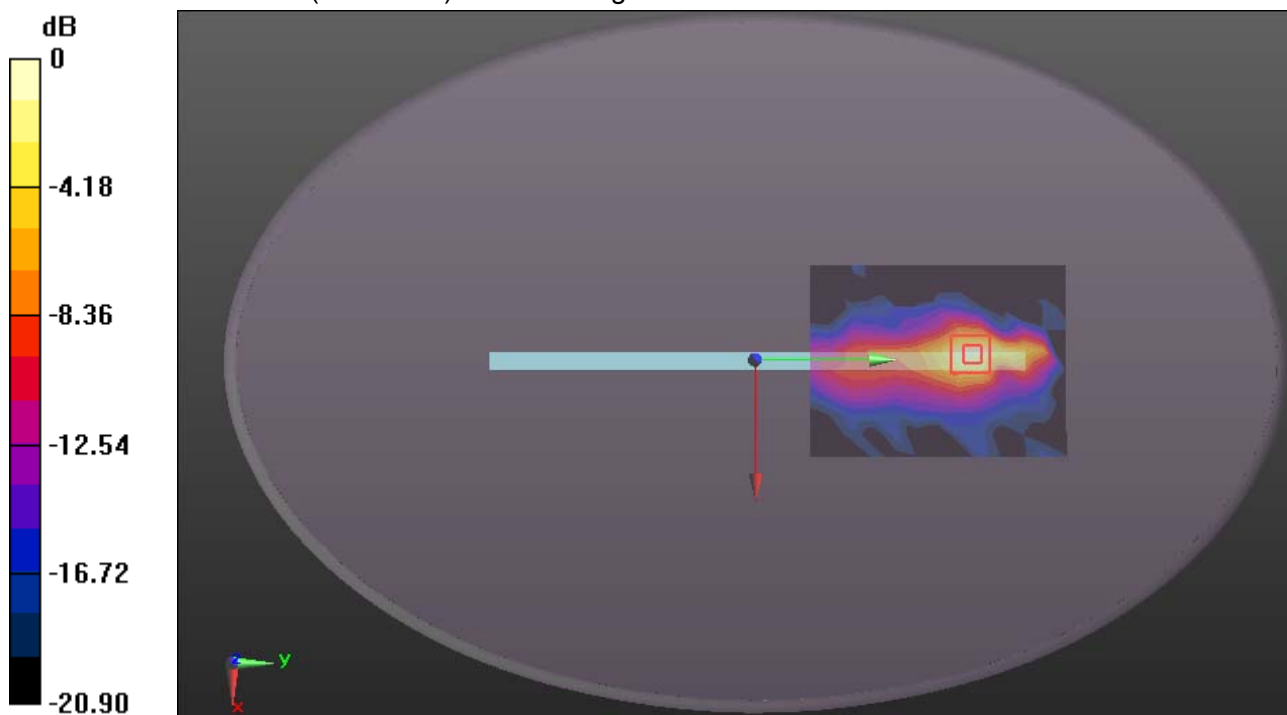
2.4GHz/Body Edge 1 CH00 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.432 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.0587 W/kg; SAR(10 g) = 0.0267 W/kg

Maximum value of SAR (measured) = 0.124 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH52 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.319$ S/m; $\epsilon_r = 48.68$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH52 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.26 W/kg

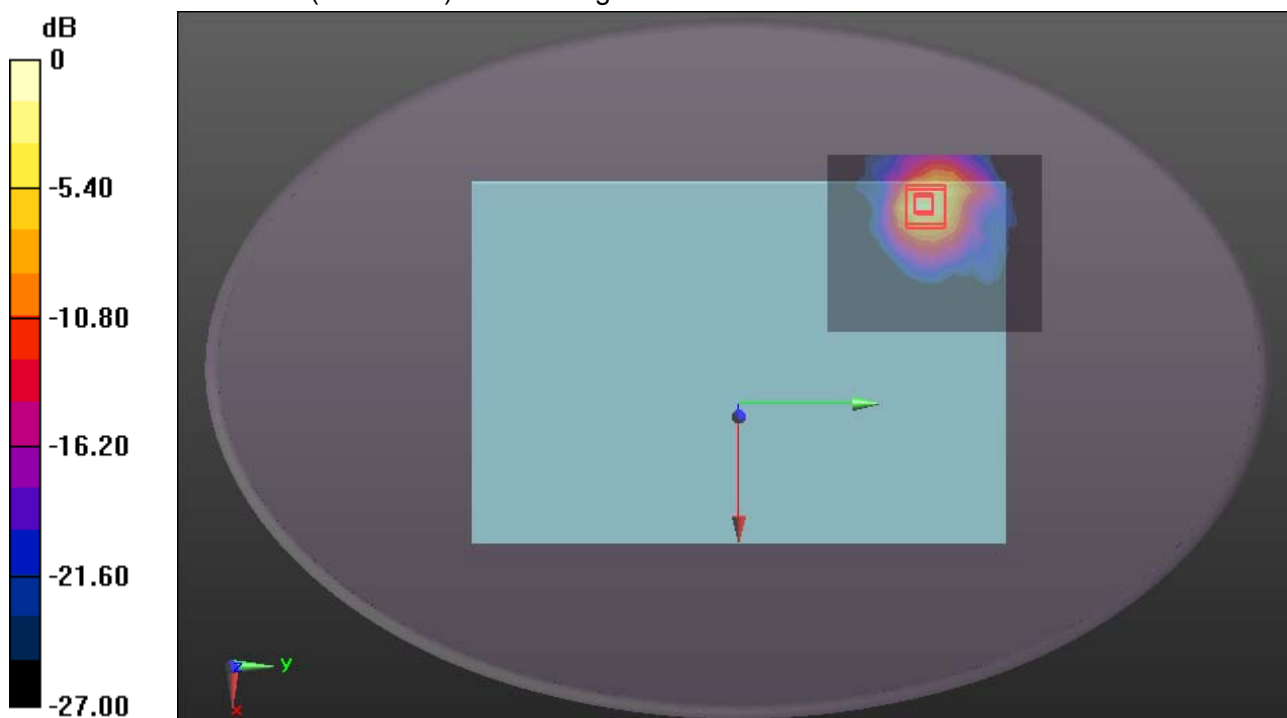
WIFI/IEEE802.11a Body Rear CH52 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.8491 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.05 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH56 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.35$ S/m; $\epsilon_r = 48.679$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH56 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 3.20 W/kg

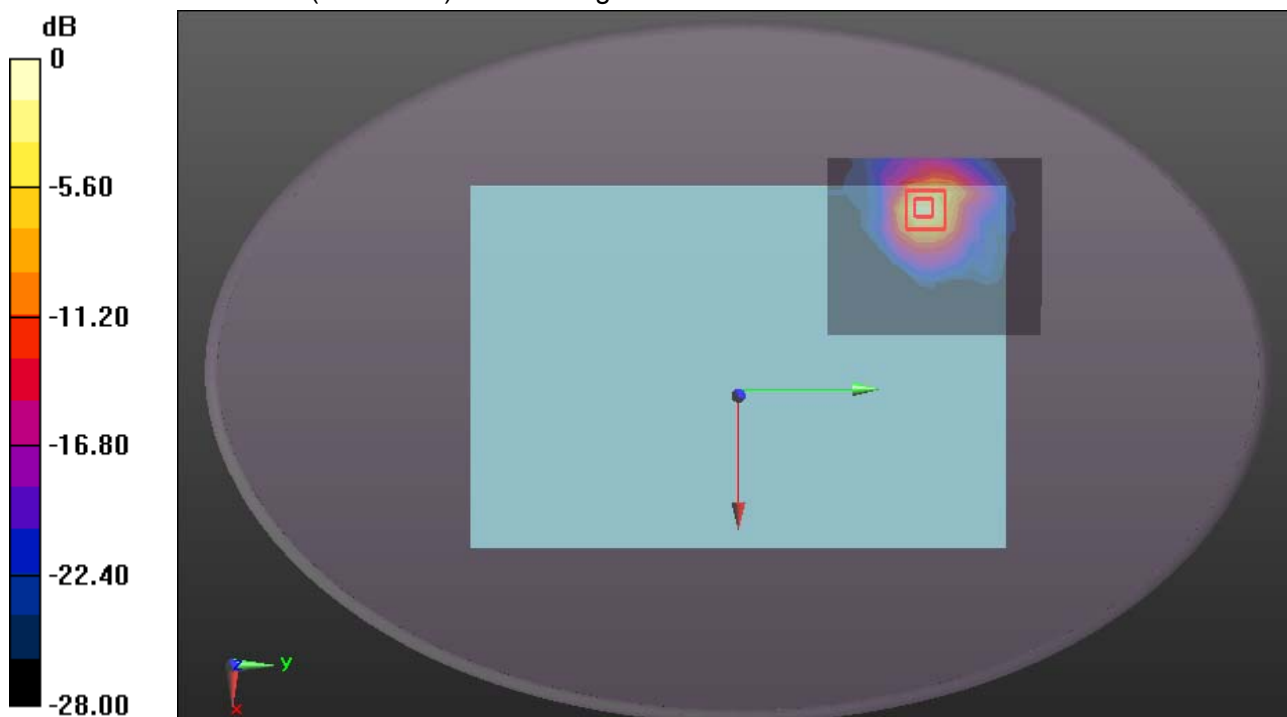
WIFI/IEEE802.11a Body Rear CH56 Chain1 /Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.641 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.12 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 3.66 W/kg



0 dB = 3.66 W/kg = 5.63 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH64 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 48.611$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH64 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.85 W/kg

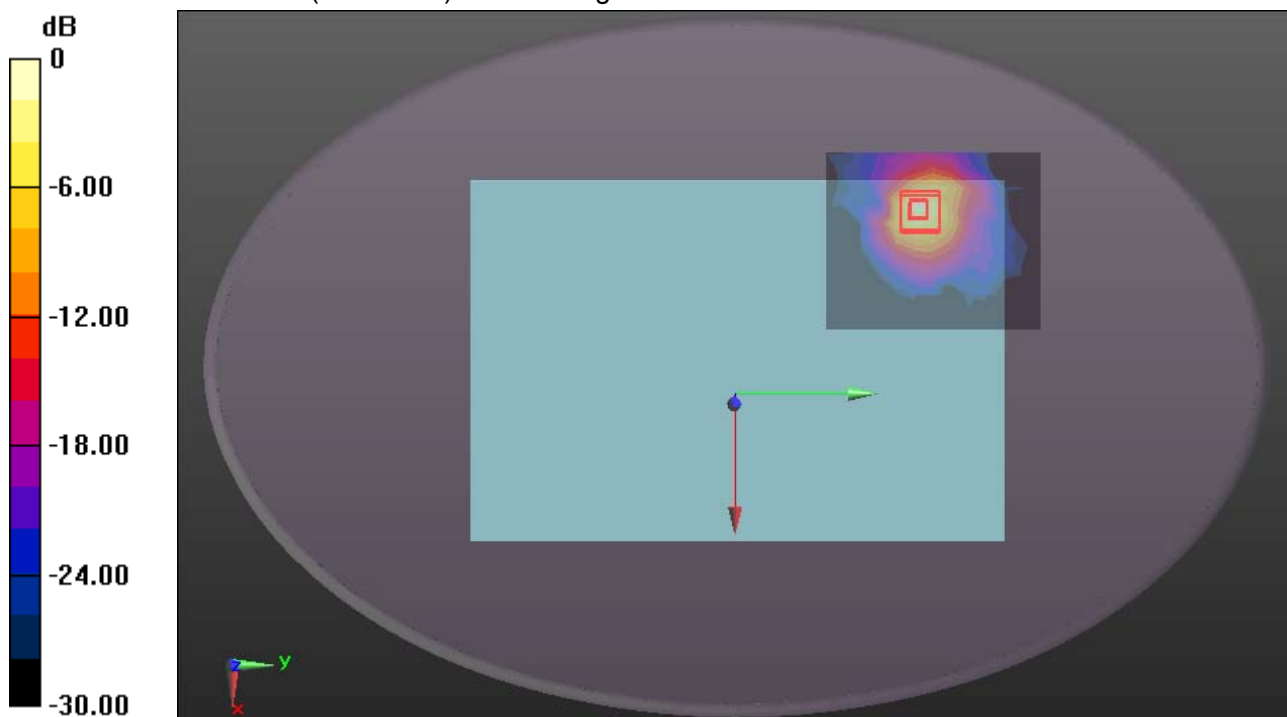
WIFI/IEEE802.11a Body Rear CH64 Chain1 /Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.6167 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 5.74 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH100 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

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

Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.632$ S/m; $\epsilon_r = 48.202$; $\rho = 1000$ 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 - SN3820; ConvF(3.94, 3.94, 3.94); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH100 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.96 W/kg

WIFI/IEEE802.11a Body Rear CH100 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

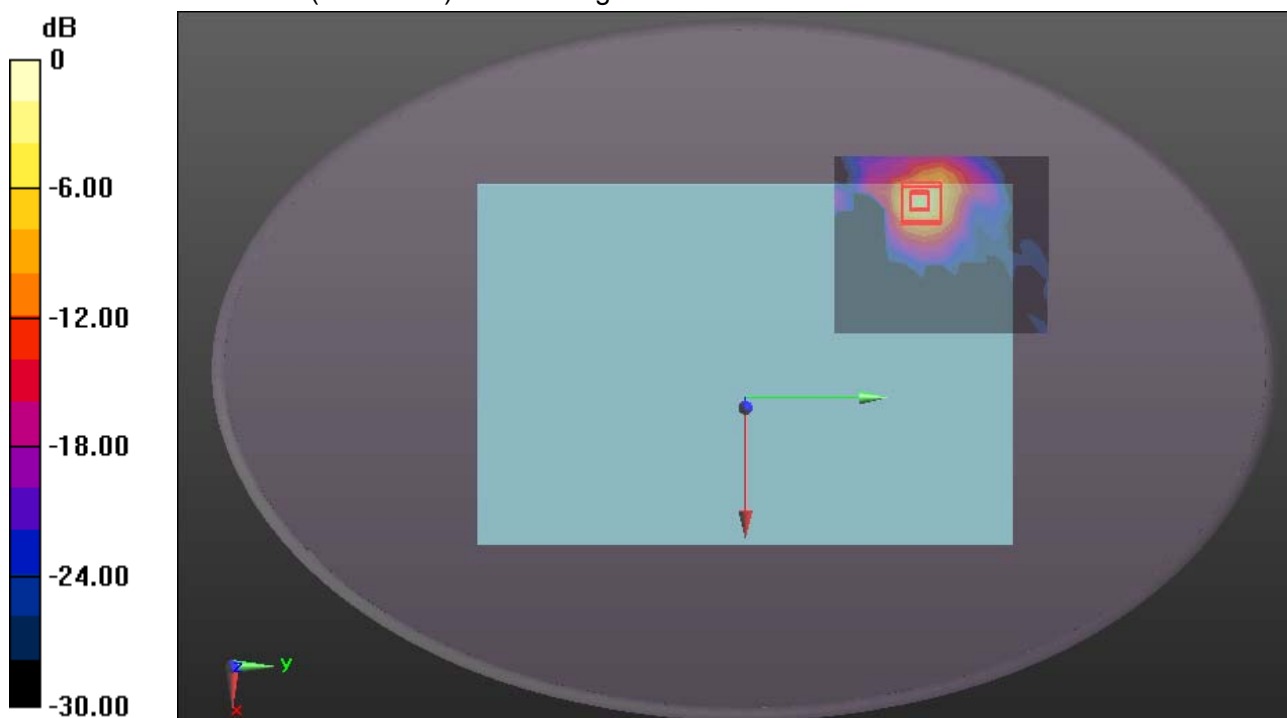
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9169 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 5.56 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH116 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.747$ S/m; $\epsilon_r = 47.967$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH116 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.12 W/kg

WIFI/IEEE802.11a Body Rear CH116 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

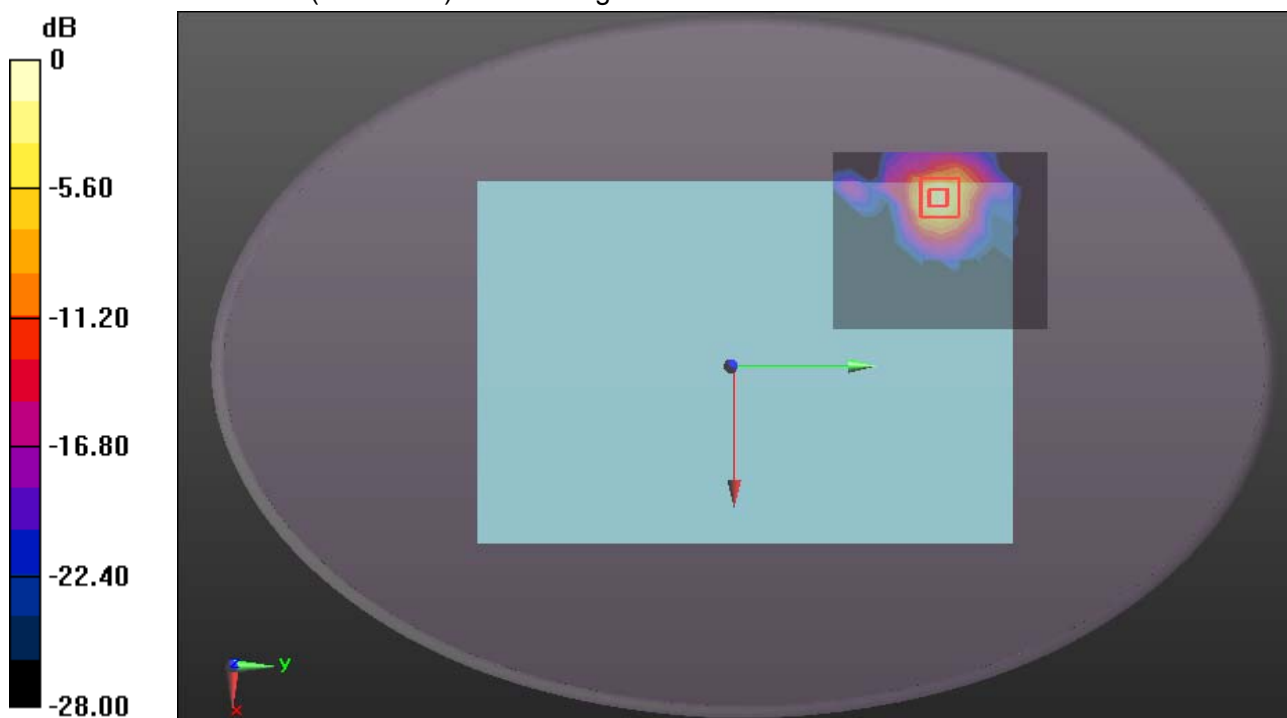
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.8163 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.27 W/kg

SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 2.93 W/kg



0 dB = 2.93 W/kg = 4.67 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH128 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

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

Frequency: 5640 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5640$ MHz; $\sigma = 5.806$ S/m; $\epsilon_r = 47.845$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH128 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.87 W/kg

WIFI/IEEE802.11a Body Rear CH128 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

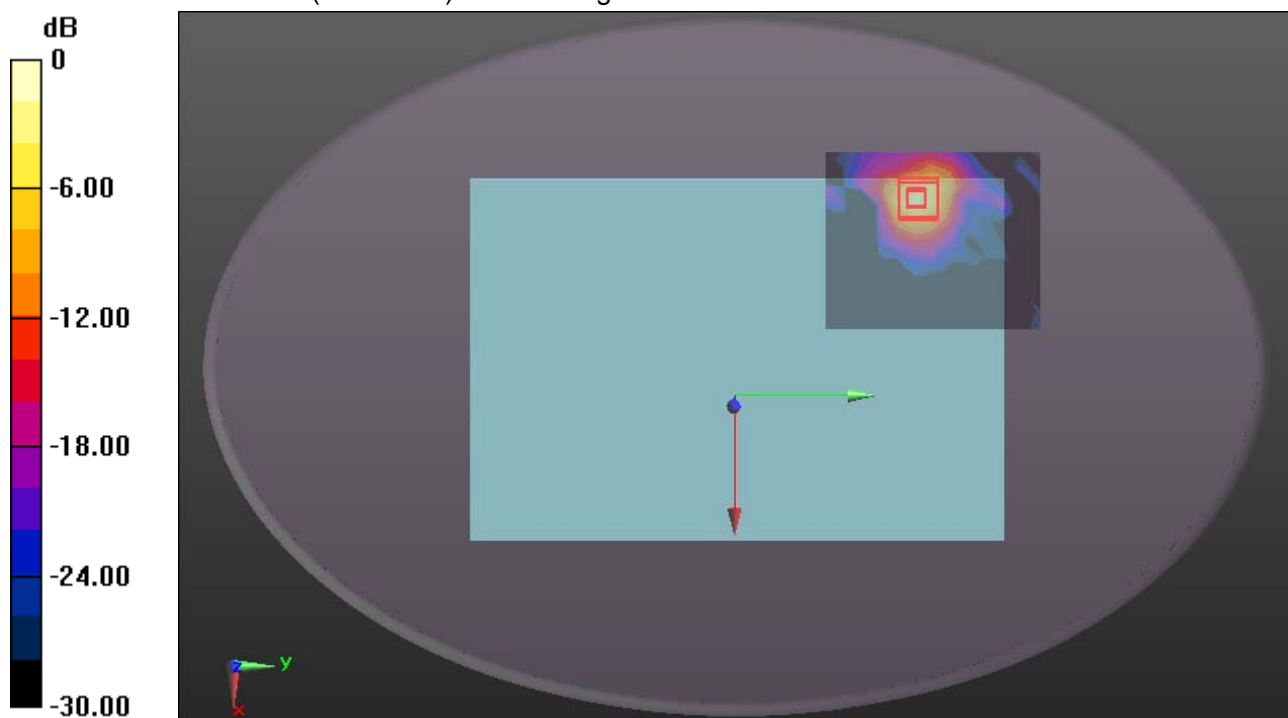
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.302 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.62 W/kg

SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.44 W/kg = 3.87 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH149 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.961$ S/m; $\epsilon_r = 47.629$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH149 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.66 W/kg

WIFI/IEEE802.11a Body Rear CH149 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

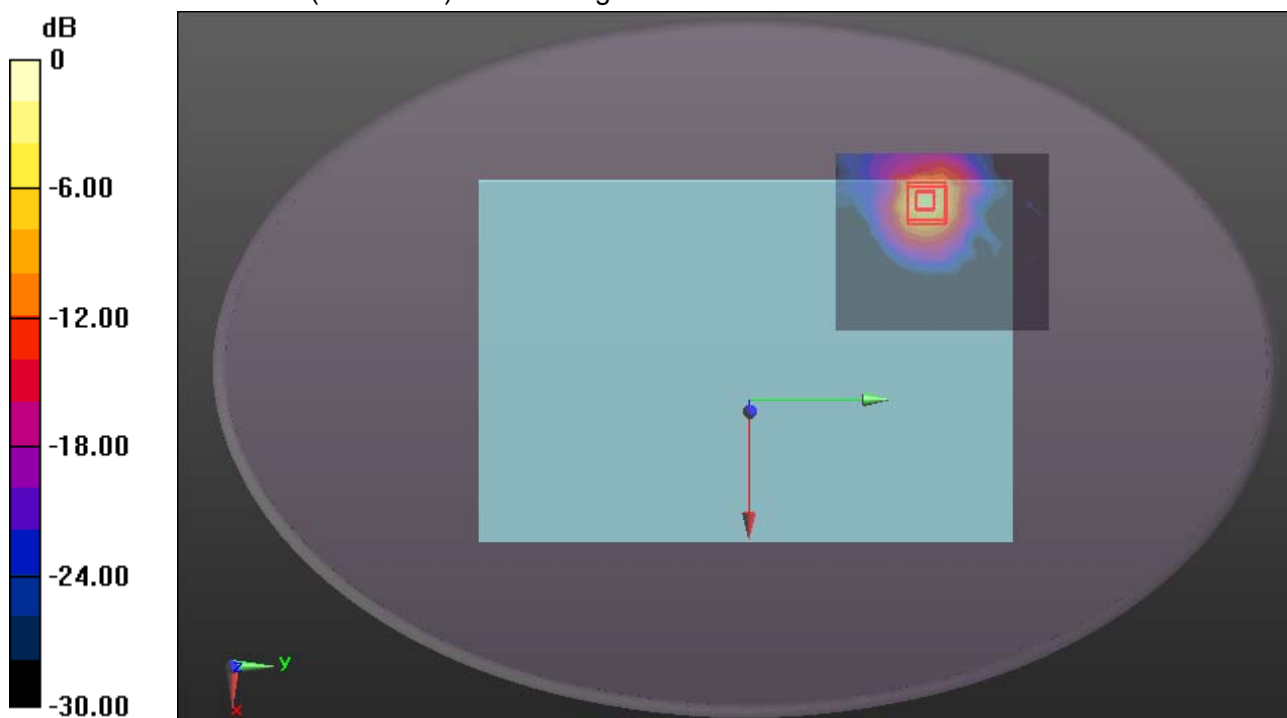
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.7954 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 3.45 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH157 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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: $f = 5785$ MHz; $\sigma = 6.039$ S/m; $\epsilon_r = 47.496$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH157 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 3.13 W/kg

WIFI/IEEE802.11a Body Rear CH157 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

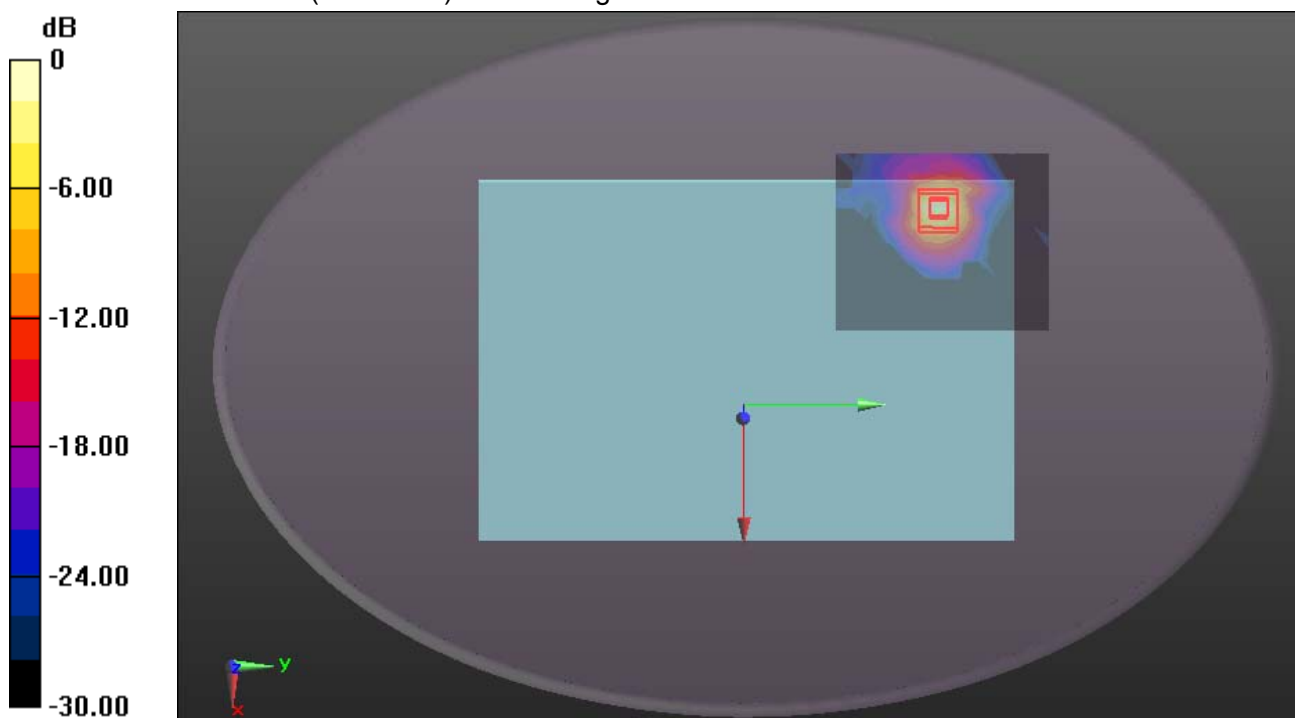
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.264 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.58 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 3.24 W/kg



0 dB = 3.24 W/kg = 5.11 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH165 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 6.103$ S/m; $\epsilon_r = 47.508$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH165 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.89 W/kg

WIFI/IEEE802.11a Body Rear CH165 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

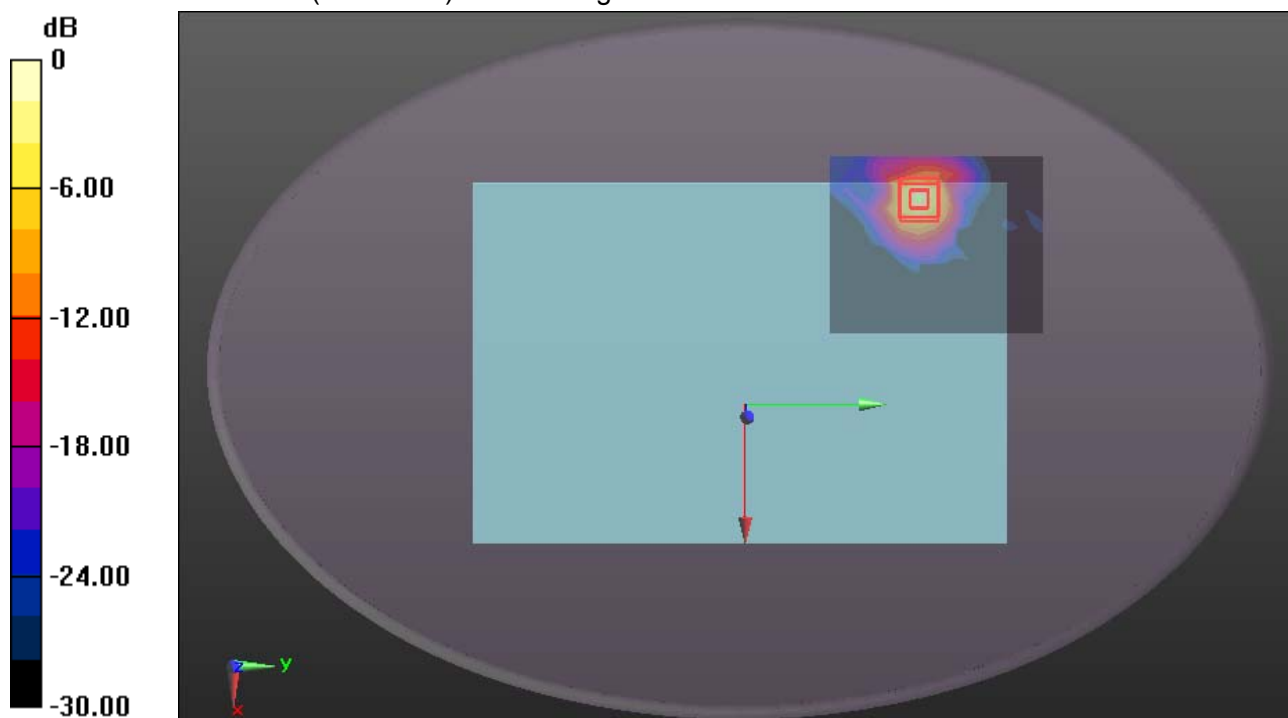
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.241 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.52 W/kg

SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 3.41 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Edge 1 CH64 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band II; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 48.611$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH64 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.38 W/kg

WIFI/IEEE802.11a Body Edge 1 CH64 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

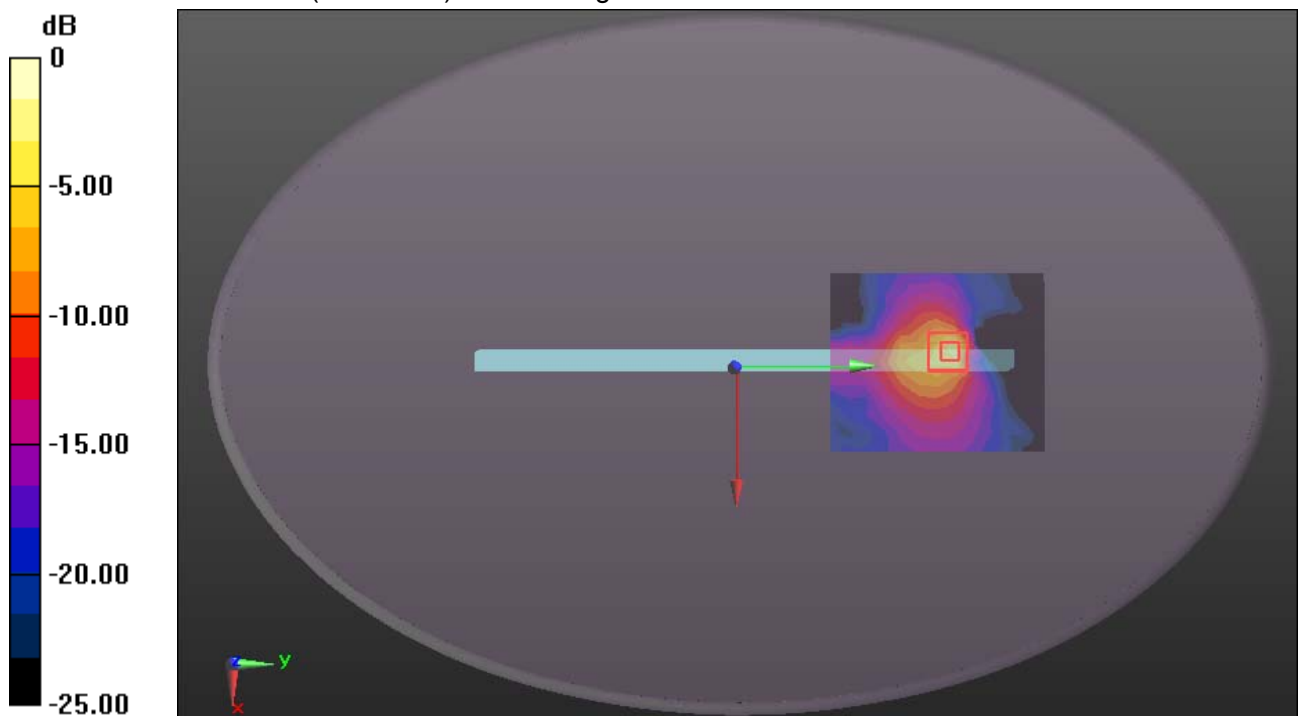
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.700 V/m; Power Drift = - 0.10 dB

Peak SAR (extrapolated) = 3.79 W/kg

SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Edge 1 CH116 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.747$ S/m; $\epsilon_r = 47.967$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH116 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.03 W/kg

WIFI/IEEE802.11a Body Edge 1 CH116 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

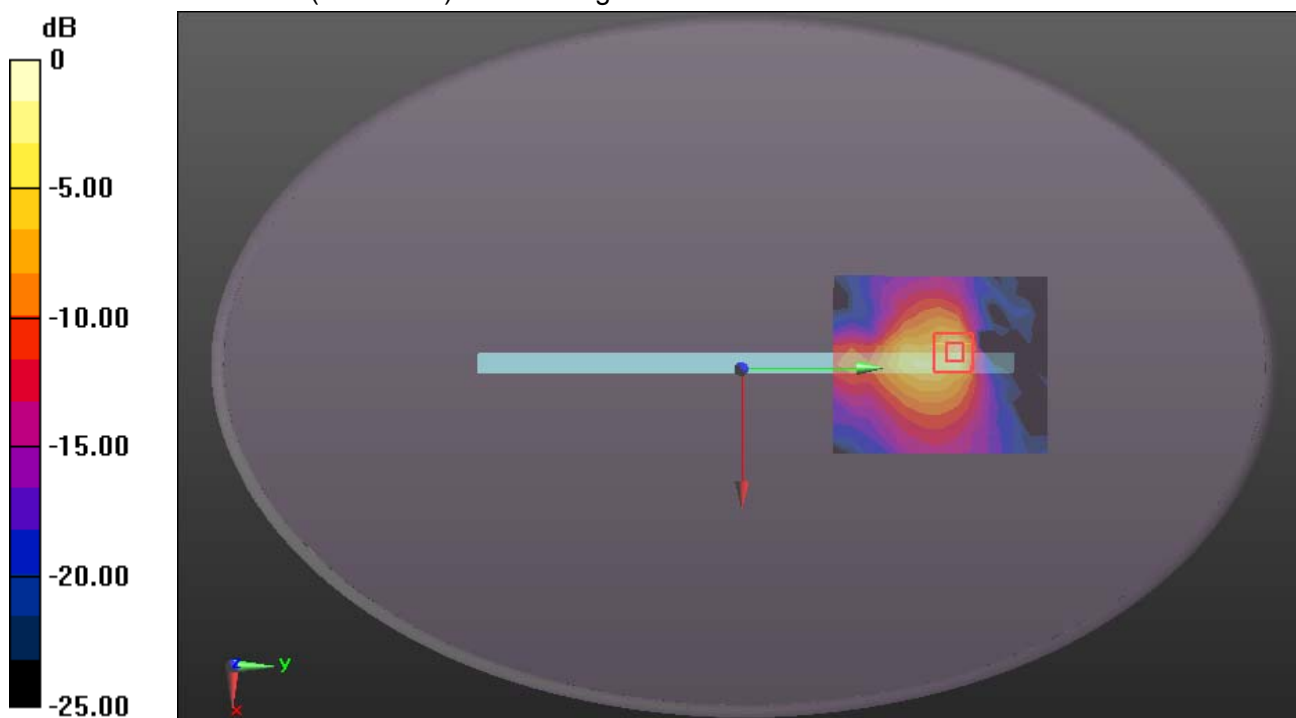
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.674 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Edge 1 CH165 Chain1**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 6.103$ S/m; $\epsilon_r = 47.508$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Edge 1 CH165 Chain1 /Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.58 W/kg

WIFI/IEEE802.11a Body Edge 1 CH165 Chain1 /Zoom Scan (7x7x7)/Cube 0: Measurement grid:

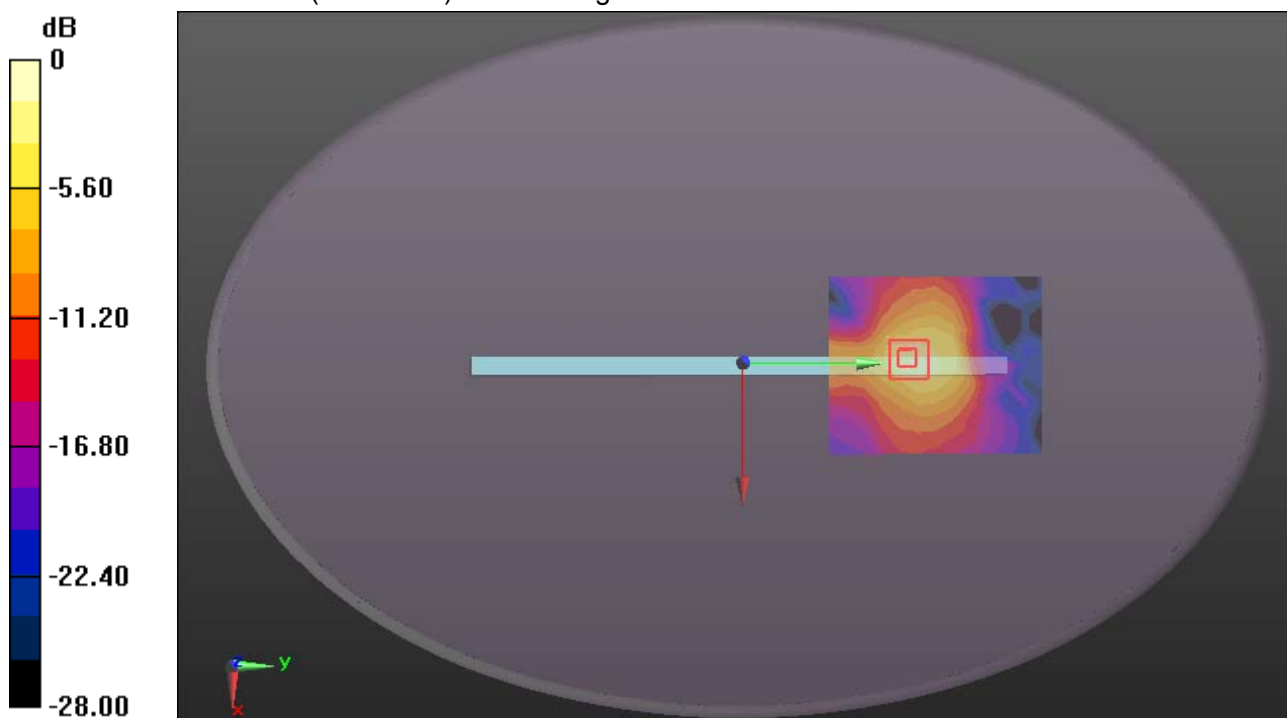
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.097 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/14/2017

WiFi 802.11 b-Body Rear CH1 Chain1 repeat**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 1.942$ S/m; $\epsilon_r = 51.548$; $\rho = 1000$ 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 - SN3820; ConvF(7.1, 7.1, 7.1); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body Rear CH1 Chain1 repeat /Area Scan (10x11x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.39 W/kg

WiFi 2.4GHz/IEEE802.11b Body Rear CH1 Chain1 repeat /Zoom Scan (7x7x5)/Cube 0:

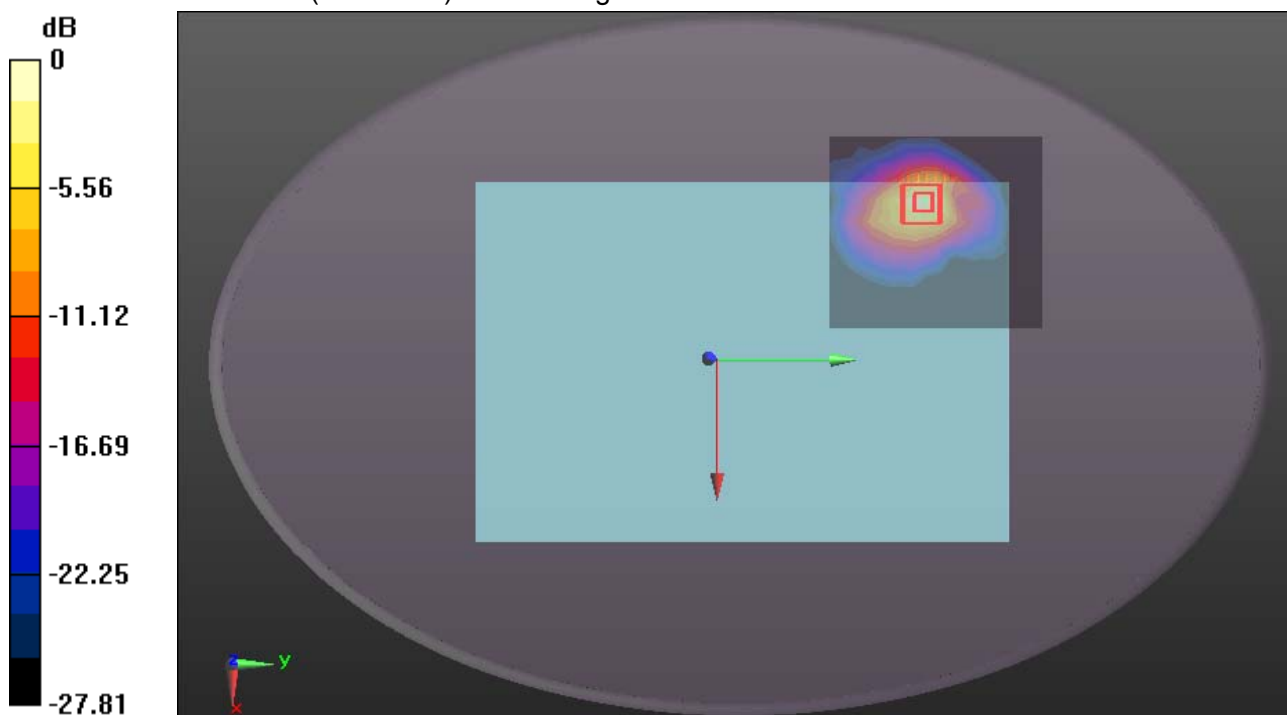
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.146 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH56 Chain1 repeat**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.35$ S/m; $\epsilon_r = 48.679$; $\rho = 1000$ 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 - SN3820; ConvF(4.39, 4.39, 4.39); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH56 Chain1 repeat/Area Scan (11x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.64 W/kg

WIFI/IEEE802.11a Body Rear CH56 Chain1 repeat/Zoom Scan (9x9x7)/Cube 0: Measurement grid:

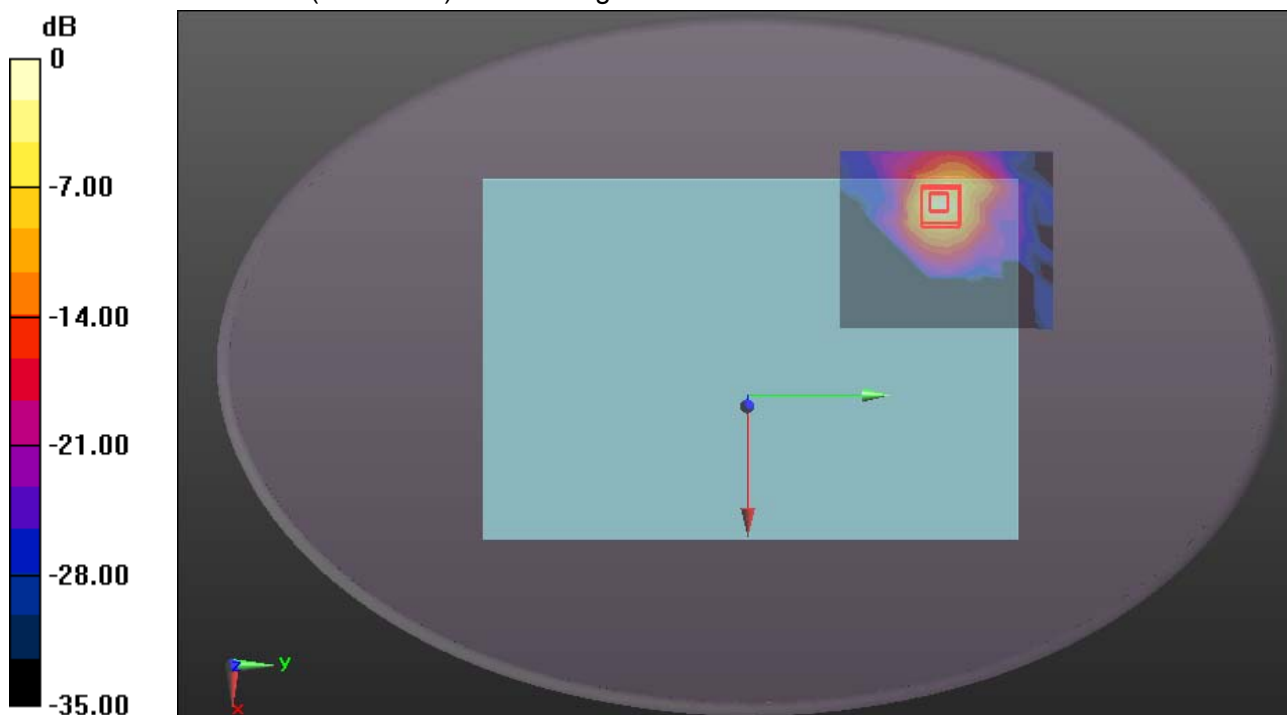
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.365 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.17 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 3.03 W/kg



0 dB = 3.03 W/kg = 4.81 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH116 Chain1 repeat**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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; $\sigma = 5.747$ S/m; $\epsilon_r = 47.967$; $\rho = 1000$ 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 - SN3820; ConvF(3.8, 3.8, 3.8); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH116 Chain1 repeat/Area Scan (11x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.11 W/kg

WIFI/IEEE802.11a Body Rear CH116 Chain1 repeat/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

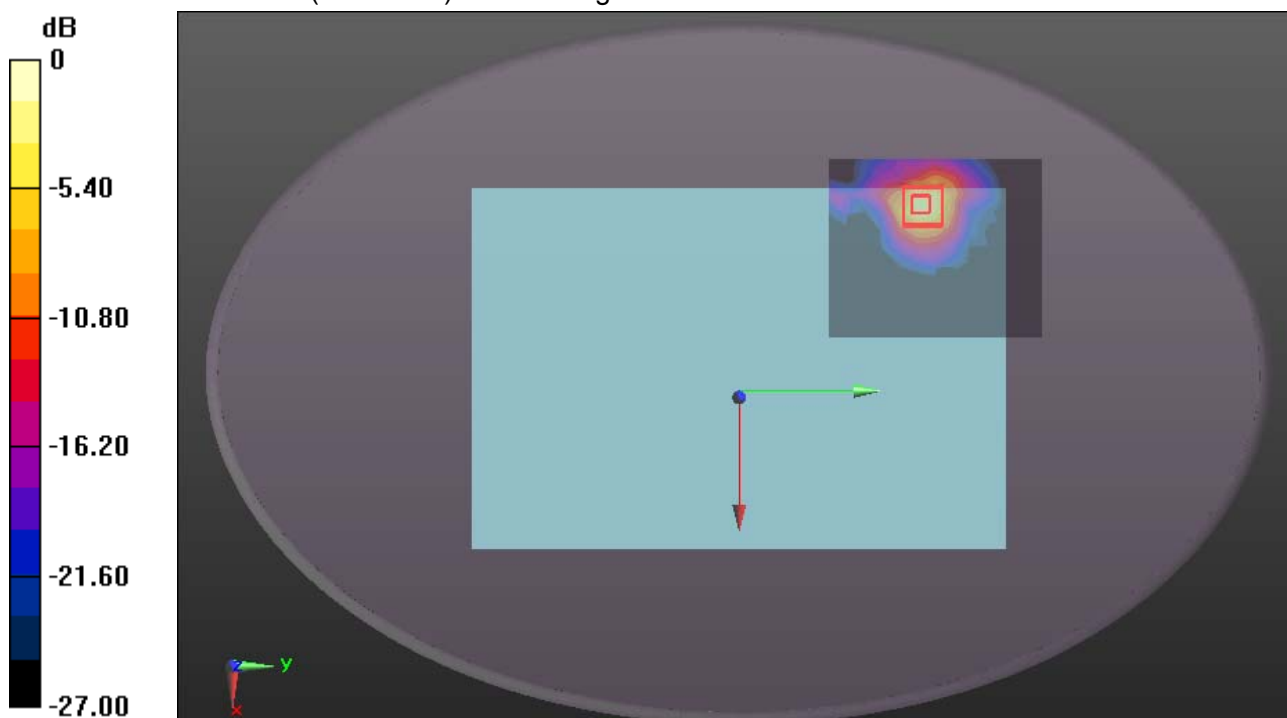
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.80 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.70 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 3.08 W/kg



0 dB = 3.08 W/kg = 4.89 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 8/15/2017

WIFI 802.11 a-Body Rear CH157 Chain1 repeat**DUT: Notebook/Tablet Computer; Type: Lenovo MIIX 520-12IKB; 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: $f = 5785$ MHz; $\sigma = 6.039$ S/m; $\epsilon_r = 47.496$; $\rho = 1000$ 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 - SN3820; ConvF(4.04, 4.04, 4.04); Calibrated: 6/27/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/20/2017
- 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 Rear CH157 Chain1 repeat/Area Scan (11x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.62 W/kg

WIFI/IEEE802.11a Body Rear CH157 Chain1 repeat/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

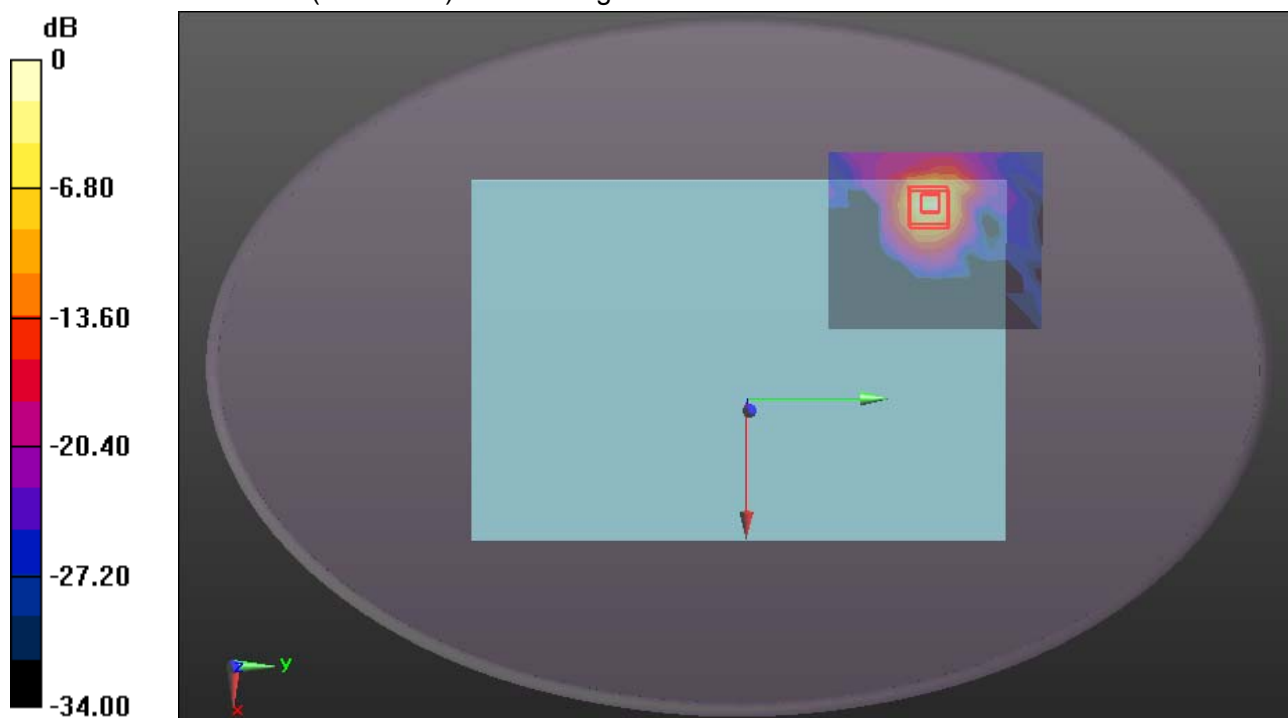
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.951 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.44 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 3.21 W/kg



0 dB = 3.21 W/kg = 5.07 dBW/kg