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Test Laboratory: Compliance Certification Services Inc.

Date: 12/26/2015

WiFi 802.11 b-Body NB Bottom CH6 Chain0**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz; Duty Cycle: 1:1Medium parameters used: $f = 2437$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 51.688$; $\rho = 1000$ 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(7.08, 7.08, 7.08); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body Bottom CH6 Chain0/Area Scan (13x11x1): Measurement grid:

dx=12mm, dy=12mm

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

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

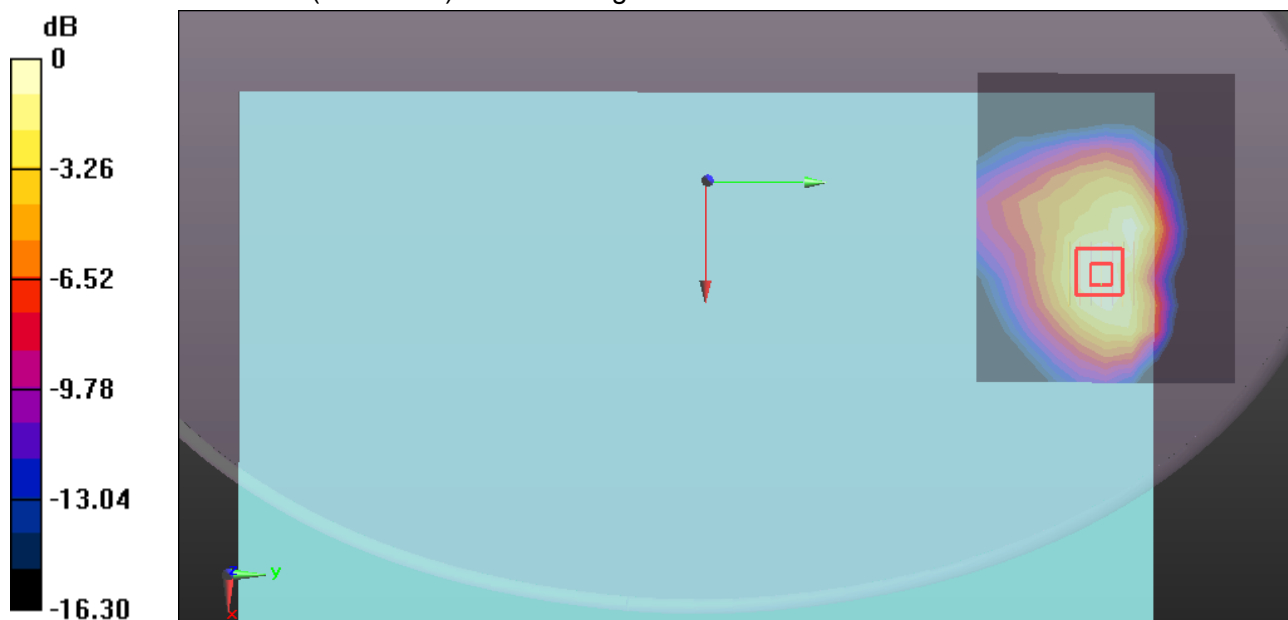
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7980 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417 W/kg = -3.80 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 12/26/2015

WiFi 802.11 b-Body NB Bottom CH6 Chain1**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz; Duty Cycle: 1:1Medium parameters used: $f = 2437$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 51.688$; $\rho = 1000$ 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(7.08, 7.08, 7.08); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi 2.4GHz/IEEE802.11b Body Bottom CH6 Chain1/Area Scan (12x11x1): Measurement grid:

dx=12mm, dy=12mm

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

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

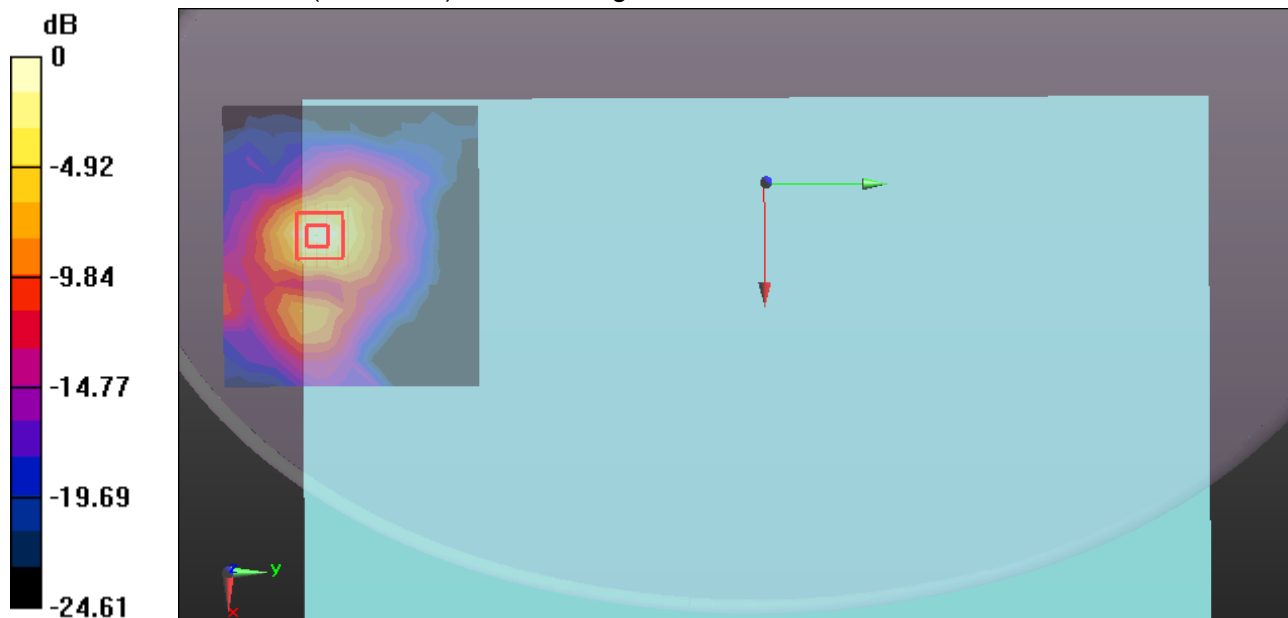
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.048 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 12/26/2015

Bluetooth-Body NB Bottom CH78 Chain1**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, Bluetooth (0); Communication System Band: ISM 2.4Ghz Band;
Frequency: 2480 MHz; Duty Cycle: 1:1Medium parameters used: $f = 2480$ MHz; $\sigma = 1.926$ S/m; $\epsilon_r = 51.557$; $\rho = 1000$ 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(7.08, 7.08, 7.08); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

2.4GHz/Body NB Bottom CH78 Chain1/Area Scan (12x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0170 W/kg

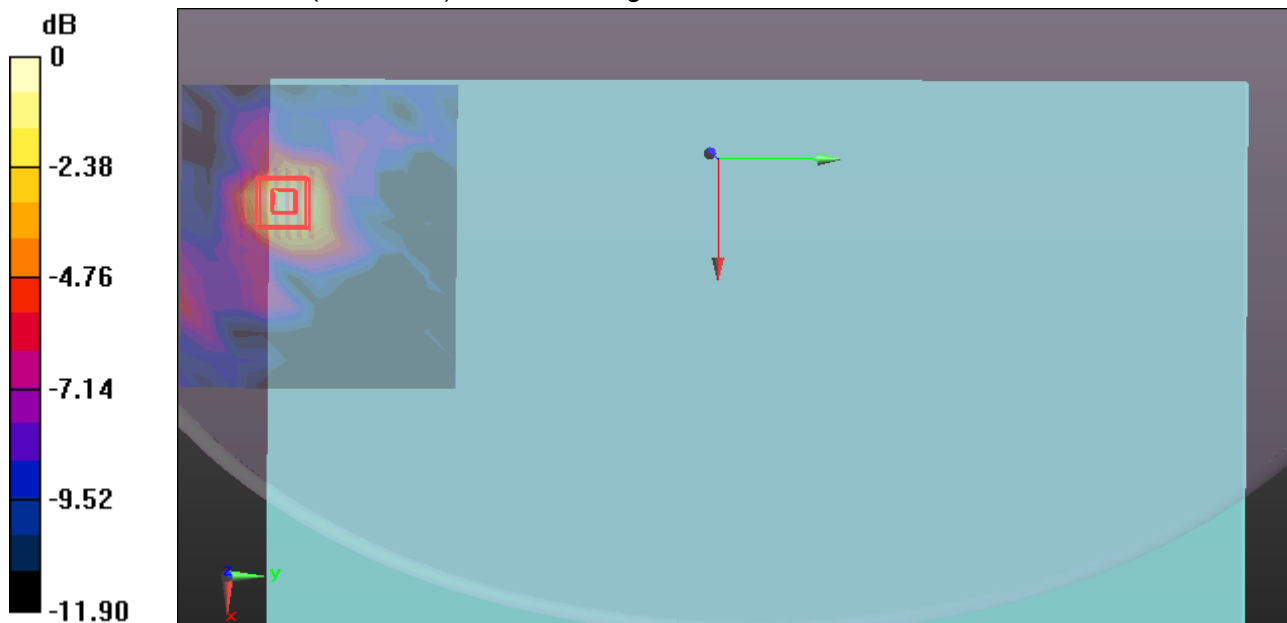
2.4GHz/Body NB Bottom CH78 Chain1/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00711 W/kg

Maximum value of SAR (measured) = 0.0171 W/kg



0 dB = 0.0171 W/kg = -17.67 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH54 Chain0**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band II;
Frequency: 5270 MHz; Duty Cycle: 1:1Medium parameters used: $f = 5270$ MHz; $\sigma = 5.262$ S/m; $\epsilon_r = 49.078$; $\rho = 1000$ 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(4.42, 4.42, 4.42); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body Bottom CH54 Chain0/Area Scan (13x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.326 W/kg

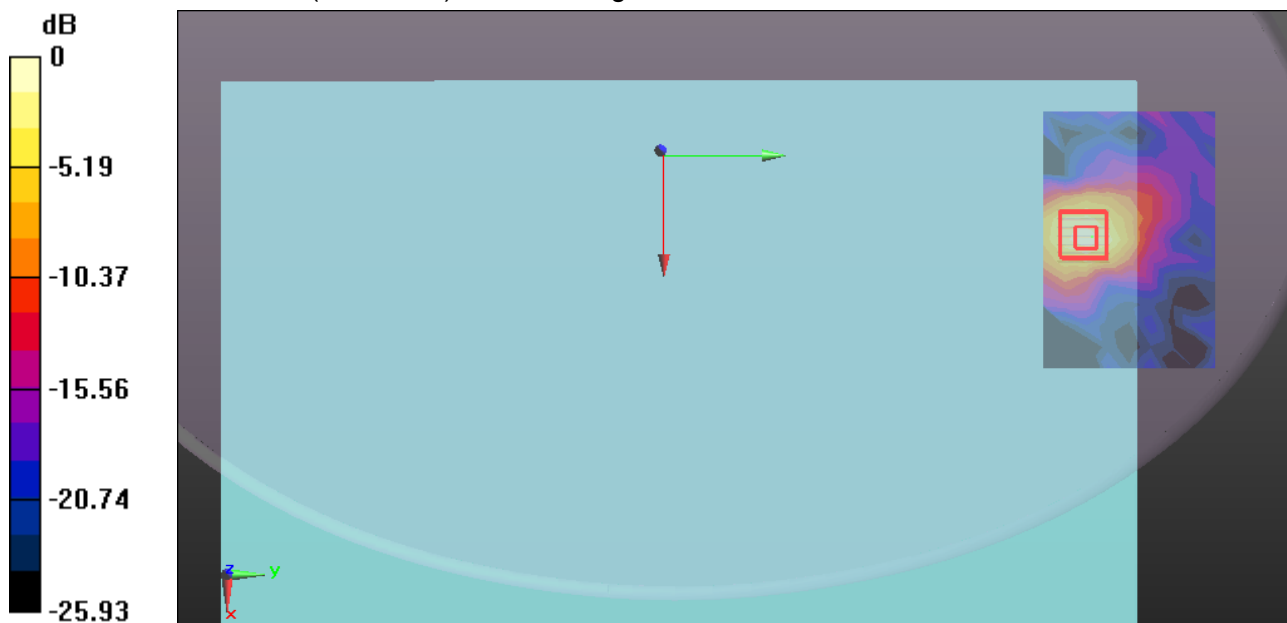
WIFI/IEEE802.11n40 Body Bottom CH54 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.1214 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH118 Chain0**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;
Frequency: 5590 MHz; Duty Cycle: 1:1Medium parameters used: $f = 5590$ MHz; $\sigma = 5.643$ S/m; $\epsilon_r = 48.643$; $\rho = 1000$ 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(3.9, 3.9, 3.9); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body CH118 Chain0/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.195 W/kg

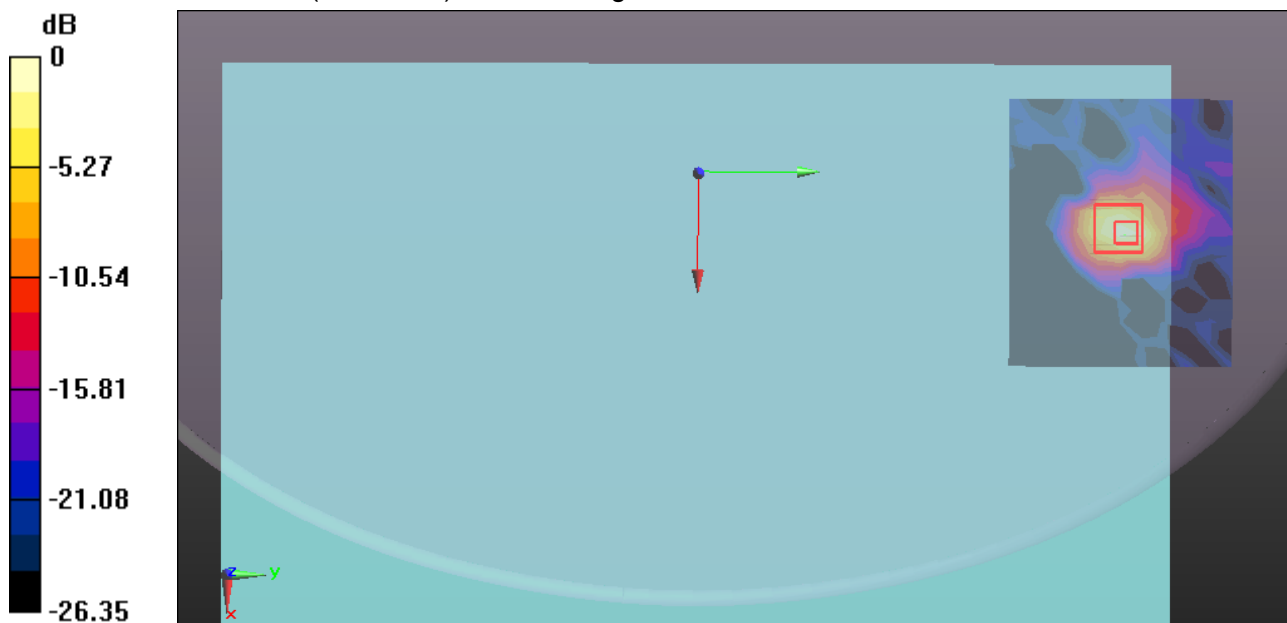
WIFI/IEEE802.11n40 Body CH118 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.027 W/kg

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



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

Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH159 Chain0**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band IV;
Frequency: 5795 MHz; Duty Cycle: 1:1Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.849$ S/m; $\epsilon_r = 48.317$; $\rho = 1000$ 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(4.16, 4.16, 4.16); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body NB Bottom CH159 Chain0/Area Scan (13x11x1): Measurement grid:
dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.847 W/kg

WIFI/IEEE802.11n40 NB Bottom CH159 Chain0/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

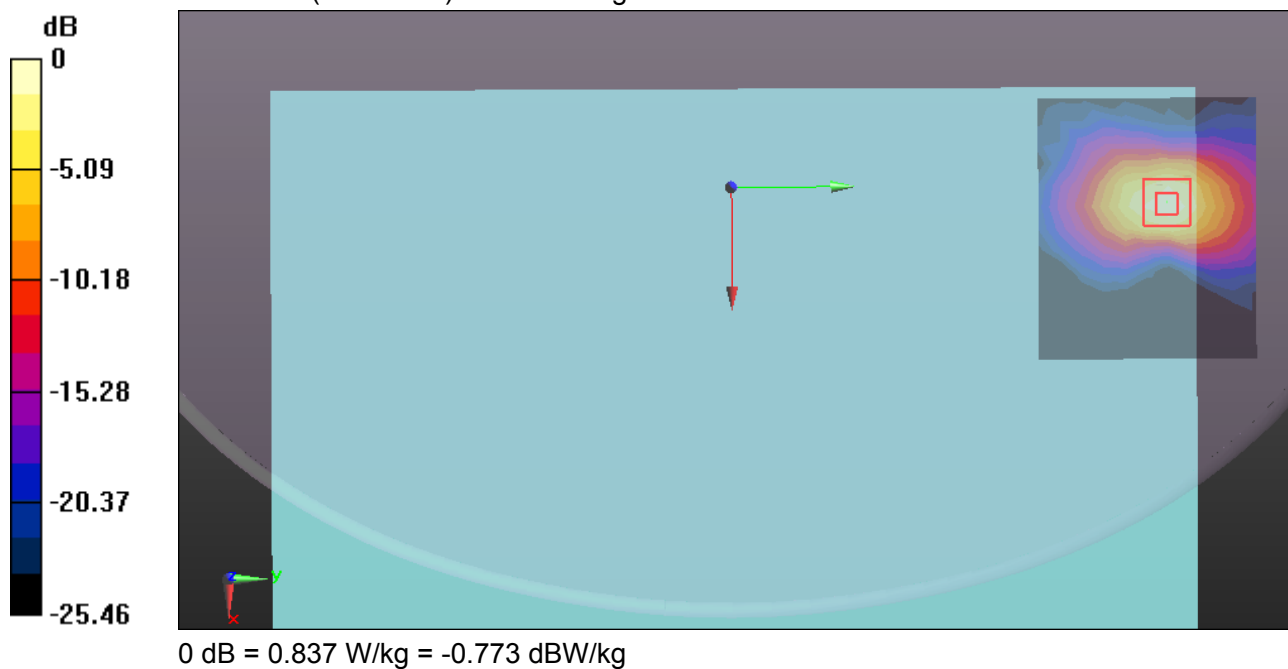
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.017 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.189 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.837 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH54 Chain1**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band II;
Frequency: 5270 MHz; Duty Cycle: 1:1Medium parameters used: $f = 5270$ MHz; $\sigma = 5.262$ S/m; $\epsilon_r = 49.078$; $\rho = 1000$ 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(4.42, 4.42, 4.42); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body Bottom CH54 Chain1/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.655 W/kg

WIFI/IEEE802.11n40 Body Bottom CH54 Chain1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

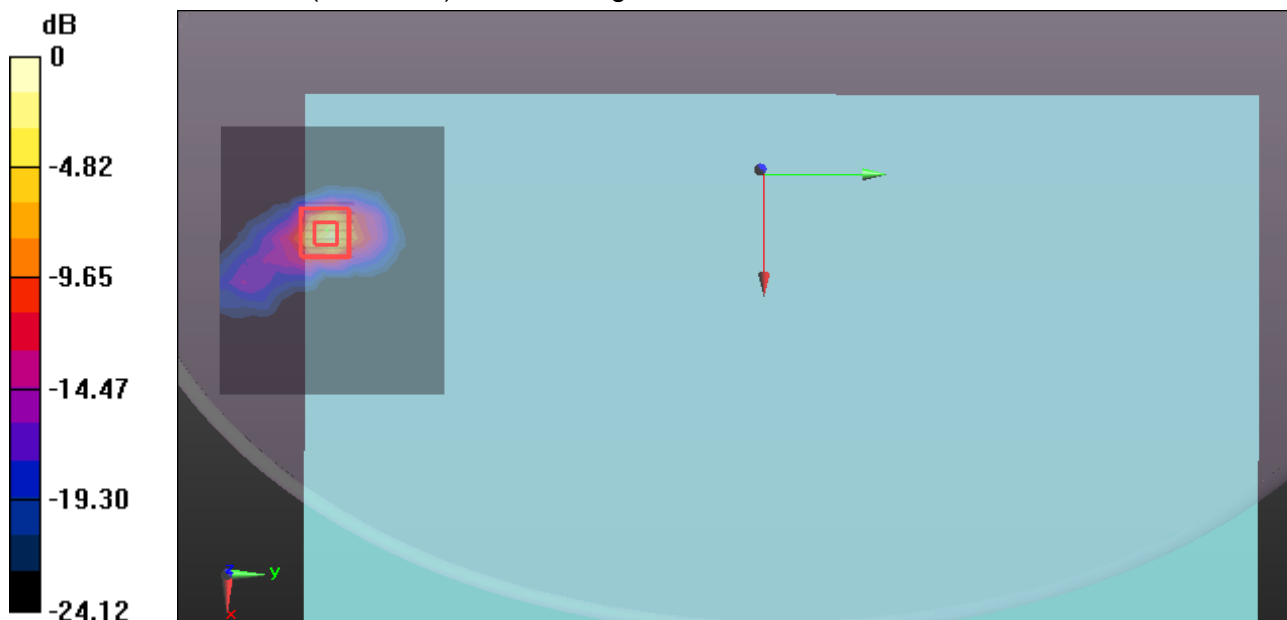
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.1545 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH118 Chain1**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;
Frequency: 5590 MHz; Duty Cycle: 1:1Medium parameters used: $f = 5590$ MHz; $\sigma = 5.643$ S/m; $\epsilon_r = 48.643$; $\rho = 1000$ 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(3.9, 3.9, 3.9); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body Bottom CH118 Chain1/Area Scan (13x11x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.881 W/kg

WIFI/IEEE802.11n40 Body Bottom CH118 Chain1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

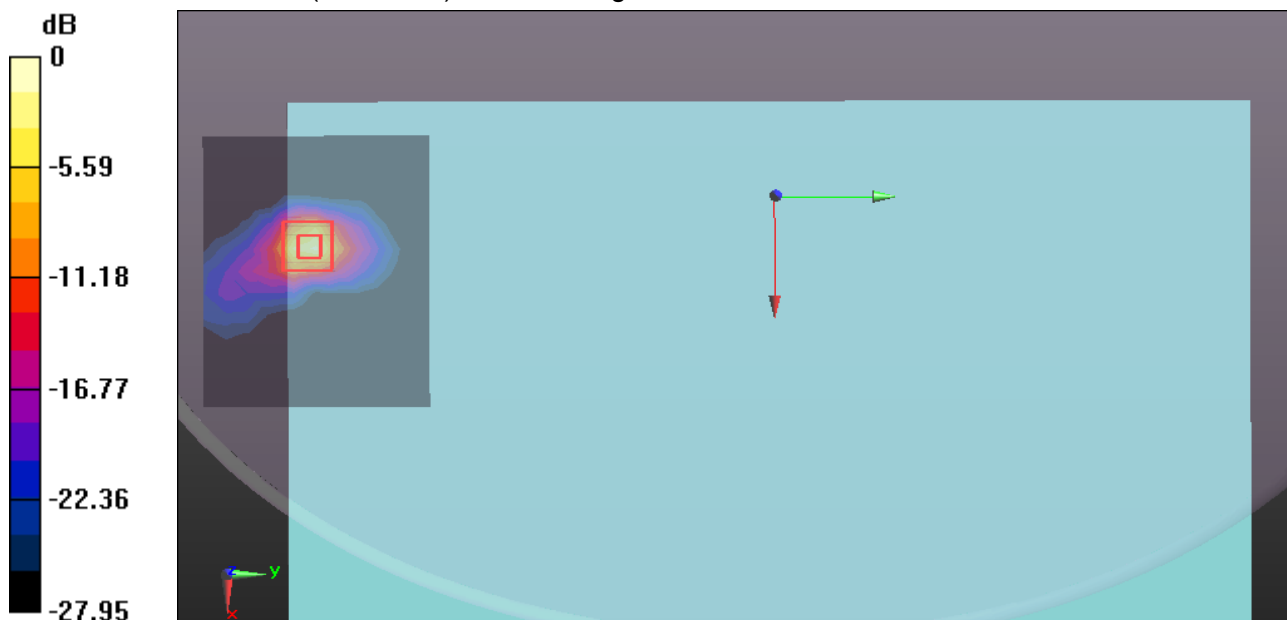
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.9541 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH126 Chain1**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;
Frequency: 5630 MHz; Duty Cycle: 1:1Medium parameters used: $f = 5630$ MHz; $\sigma = 5.681$ S/m; $\epsilon_r = 48.591$; $\rho = 1000$ 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(3.9, 3.9, 3.9); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body NB Bottom CH126 Chain1/Area Scan (13x11x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.705 W/kg

WIFI/IEEE802.11n40 Body NB Bottom CH126 Chain1/Zoom Scan (7x7x7)/Cube 0: Measurement

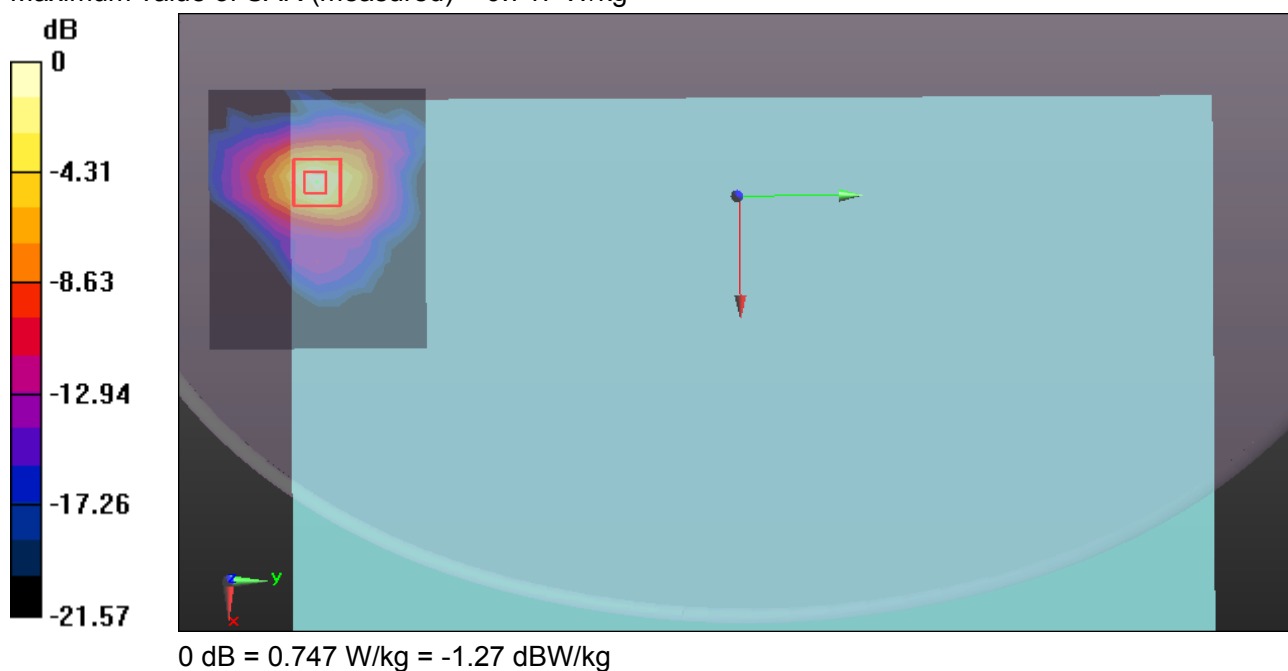
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.1585 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.747 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH159 Chain1**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band IV;
Frequency: 5795 MHz; Duty Cycle: 1:1Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.849$ S/m; $\epsilon_r = 48.317$; $\rho = 1000$ 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(4.16, 4.16, 4.16); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body NB Bottom CH159 Chain1/Area Scan (13x11x1): Measurement grid:
dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

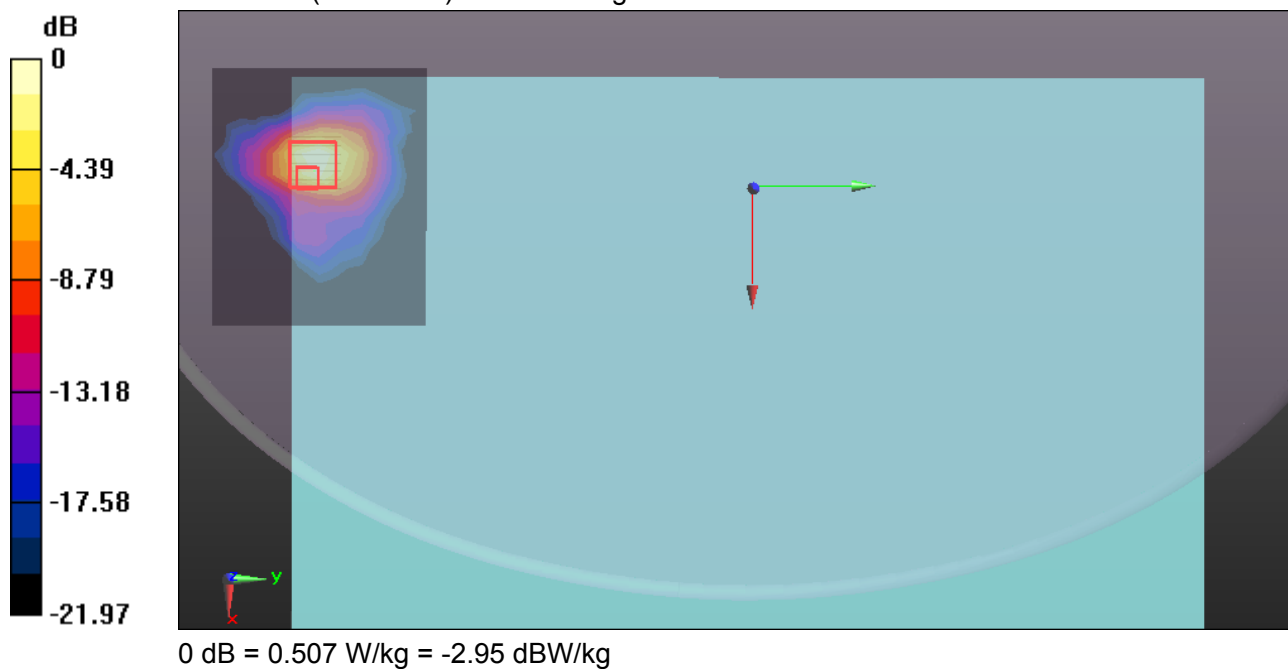
WIFI/IEEE802.11n40 Body NB Bottom CH159 Chain1/Zoom Scan (7x7x7)/Cube 0: Measurement
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.3214 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.137 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.507 W/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 5/19/2016

WIFI 802.11n40 5G-Body NB Bottom CH118 Chain1 repeat**DUT: Computer; Type: Y900; Serial: N/A**Communication System: UID 0, IEEE802.11 n40 5G (0); Communication System Band: 5G Band III;
Frequency: 5590 MHz; Duty Cycle: 1:1Medium parameters used: $f = 5590$ MHz; $\sigma = 5.643$ S/m; $\epsilon_r = 48.643$; $\rho = 1000$ 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(3.9, 3.9, 3.9); Calibrated: 7/24/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2015
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/IEEE802.11n40 Body Bottom CH118 Chain1/Area Scan (13x11x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.864 W/kg

WIFI/IEEE802.11n40 Body Bottom CH118 Chain1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

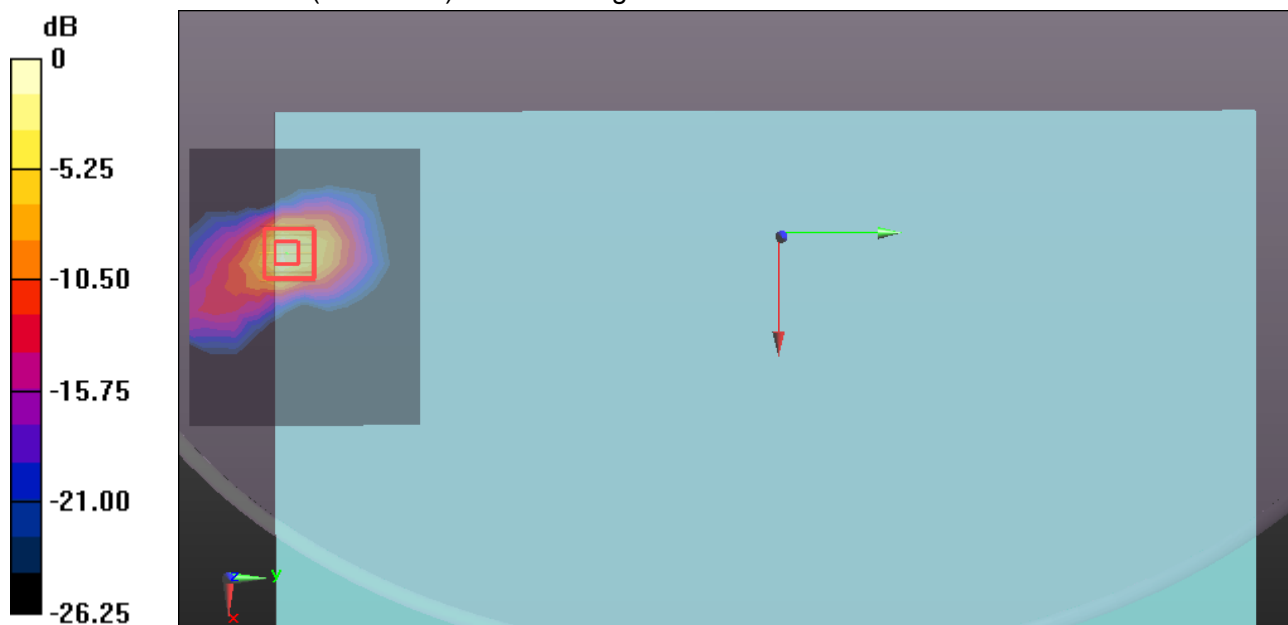
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



0 dB = 0.834 W/kg = -0.79 dBW/kg