

Plot 1#: 2.4G WLAN Mode B_Chain 0_Horizontal-Down_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.660 W/kg

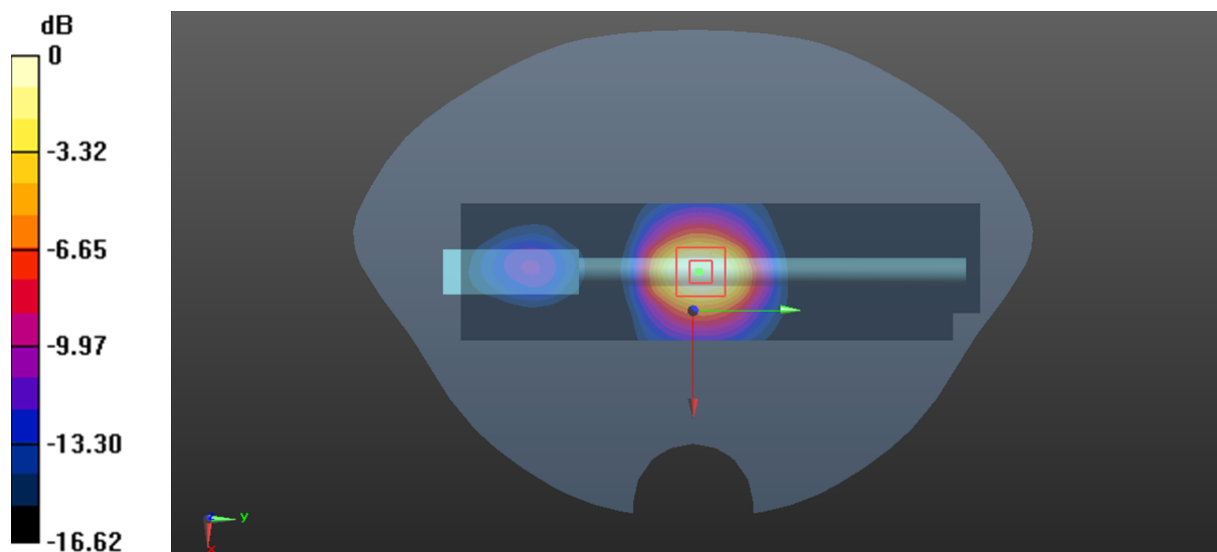
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.95 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg = -2.52 dBW/kg

Plot 2#: 2.4G WLAN Mode B_Chain 0_Horizontal-Up_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.444 W/kg

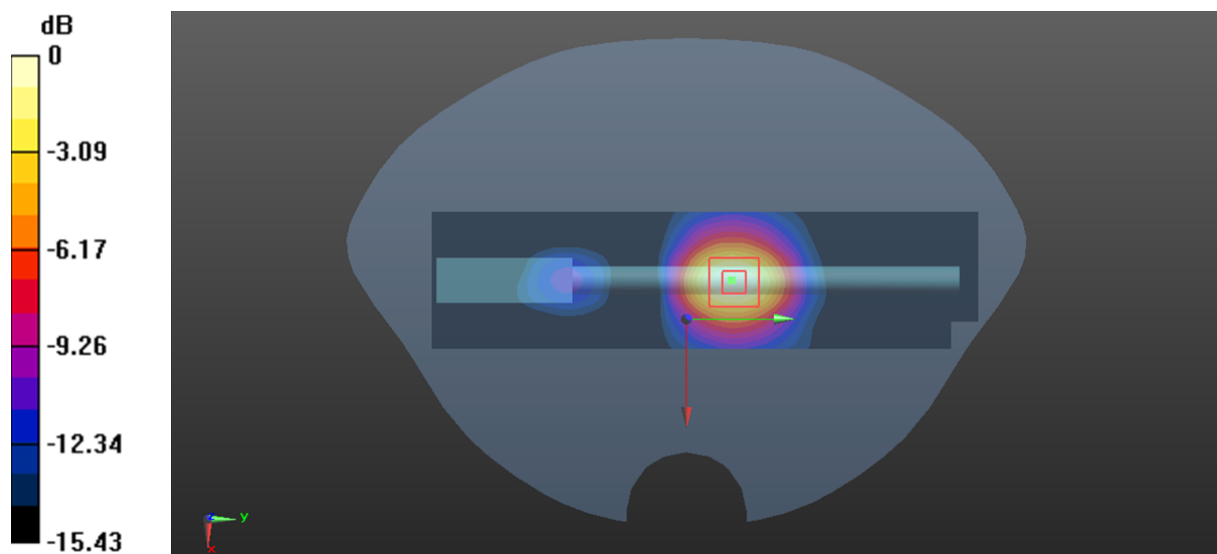
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.512 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

Plot 3#: 2.4G WLAN Mode B_Chain 0_ Vertical-Front_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

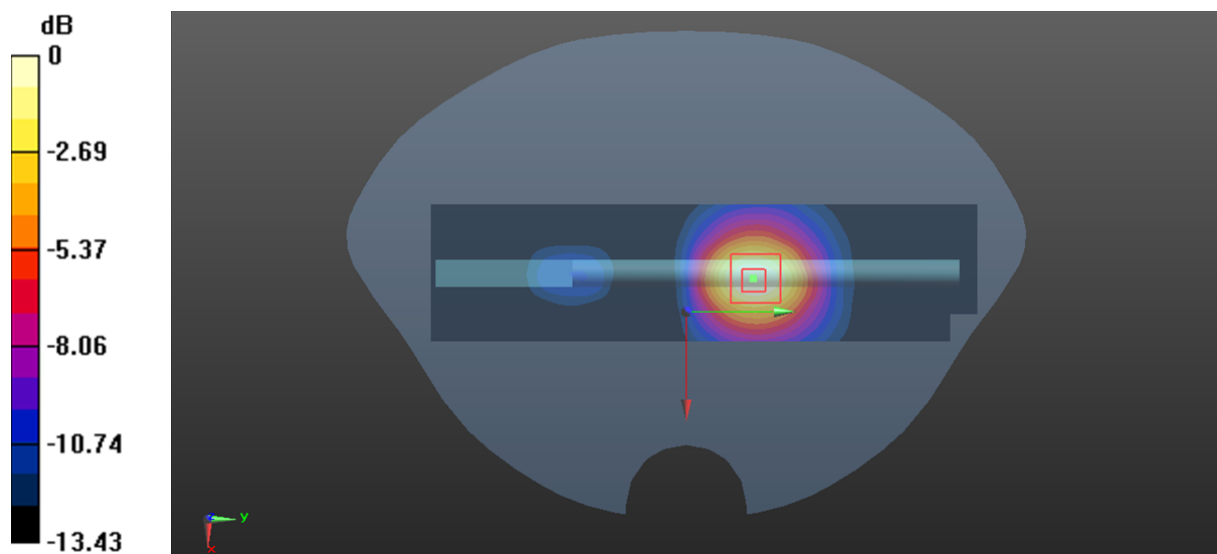
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.653 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.280 W/kg = -5.53 dBW/kg

Plot 4#: 2.4G WLAN Mode B_Chain 0_ Vertical-Back_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

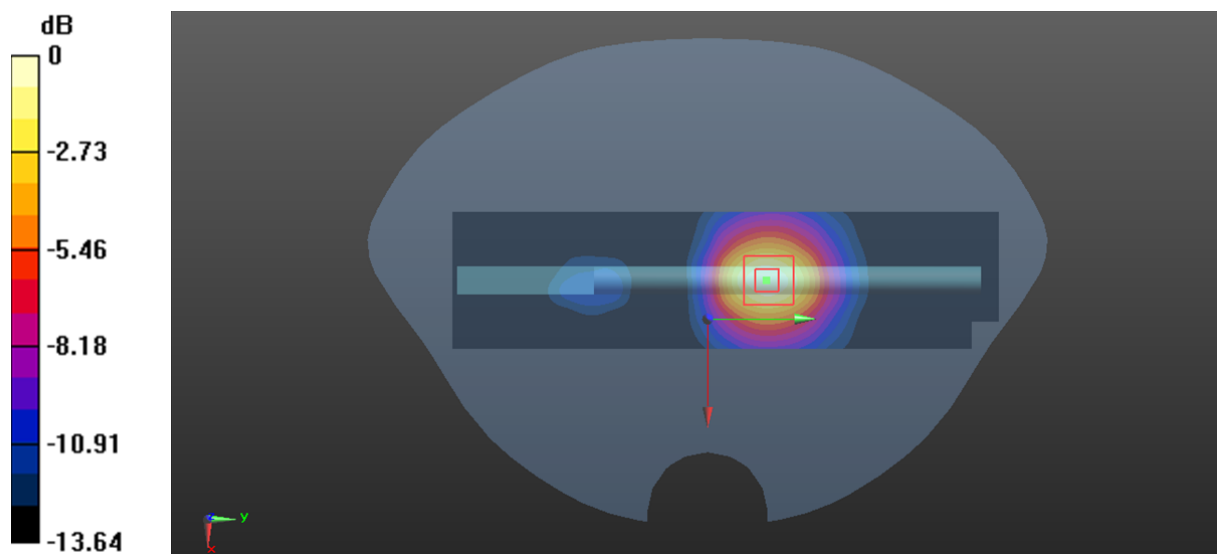
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.538 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

Plot 5#: 2.4G WLAN Mode B_Chain 1_Horizontal-Down_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.513 W/kg

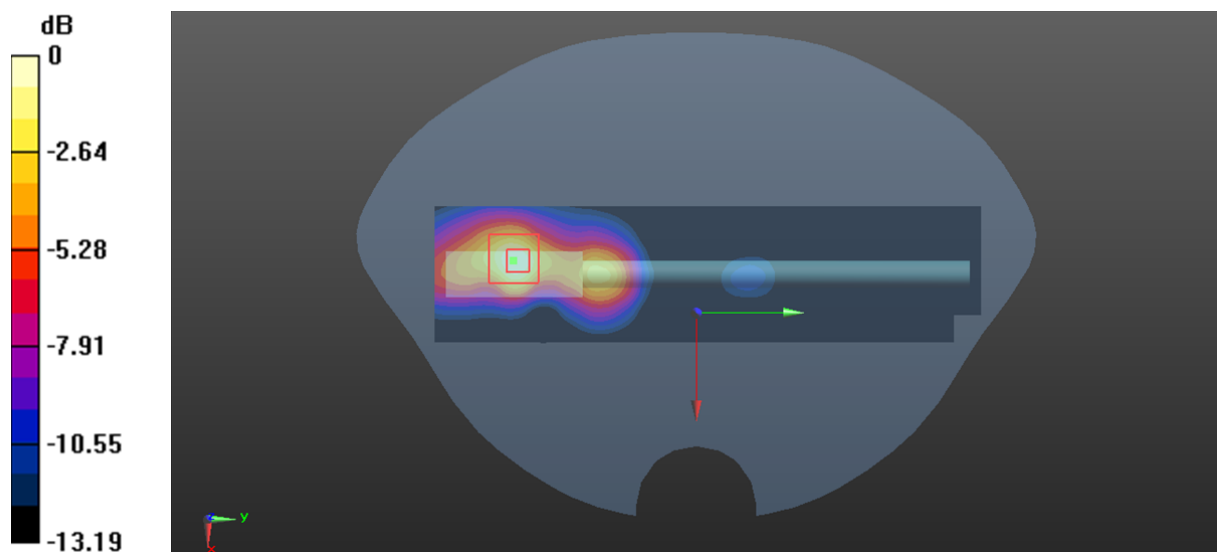
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.541 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.576 W/kg



0 dB = 0.576 W/kg = -2.40 dBW/kg

Plot 6#: 2.4G WLAN Mode B_Chain 1_ Horizontal-Down Flod_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

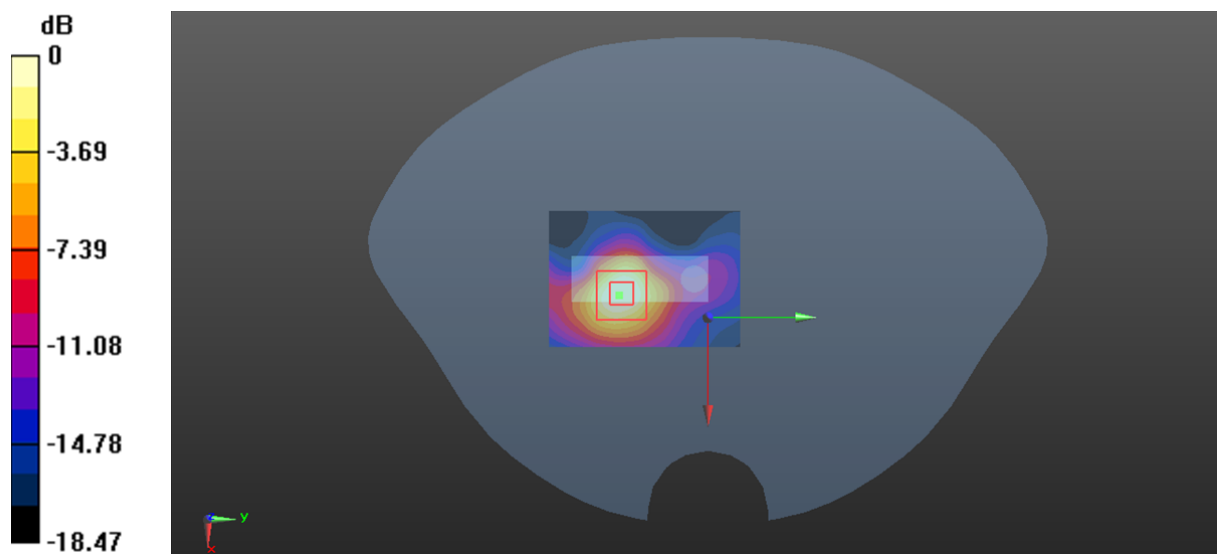
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.670 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

Plot 7#: 2.4G WLAN Mode B_Chain 1_ Horizontal-Up_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

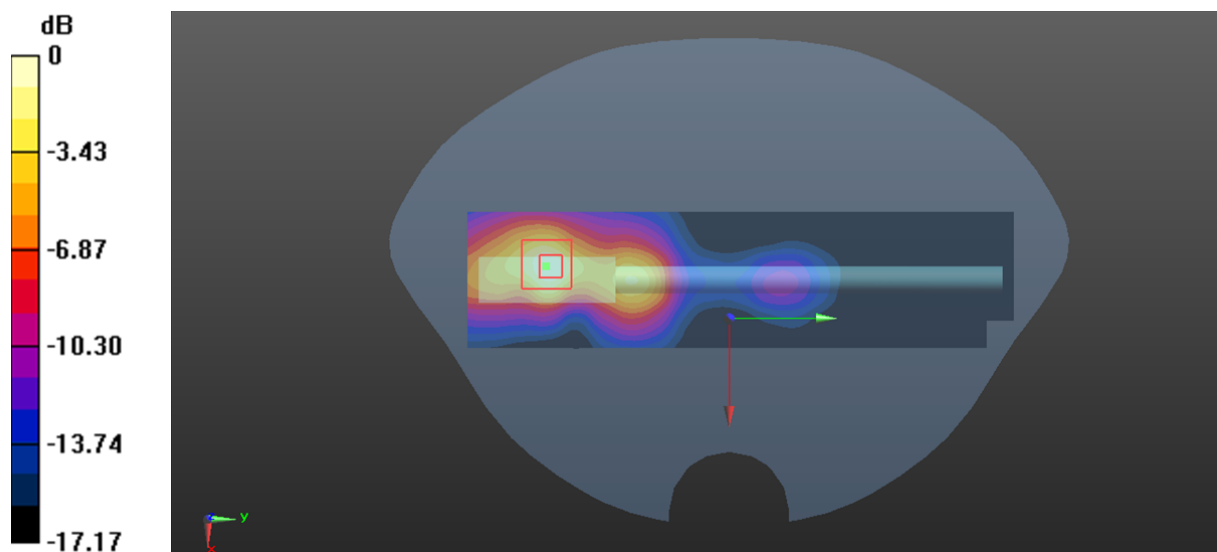
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.541 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg = -1.84 dBW/kg

Plot 8#: 2.4G WLAN Mode B_Chain 1_ Vertical-Front_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.957 W/kg

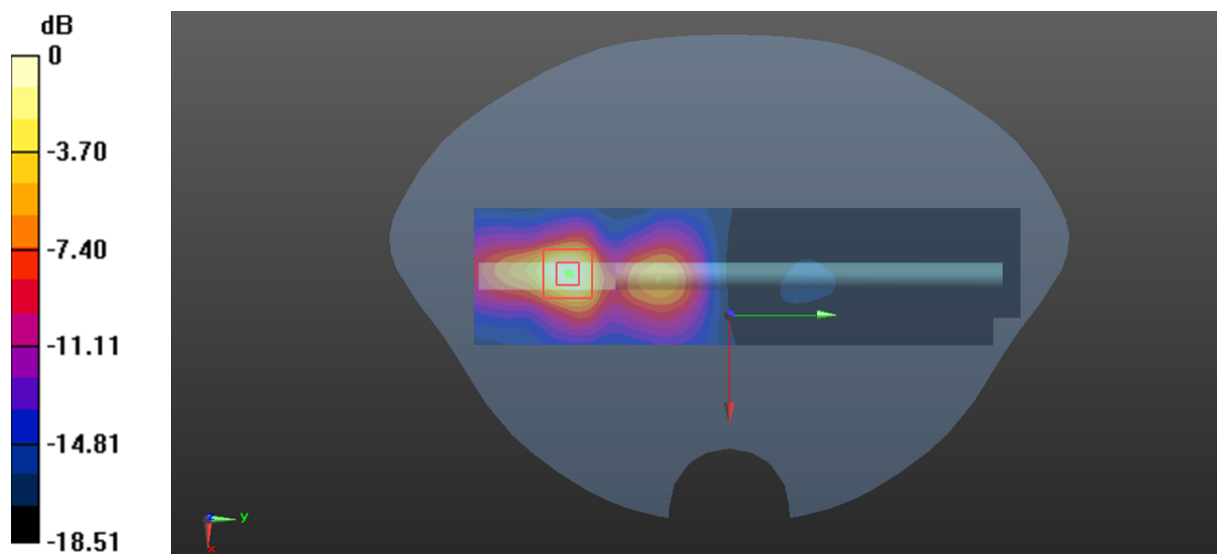
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.773 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.876 W/kg = -0.57 dBW/kg

Plot 9#: 2.4G WLAN Mode B_Chain 1_ Vertical-Back_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 39.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

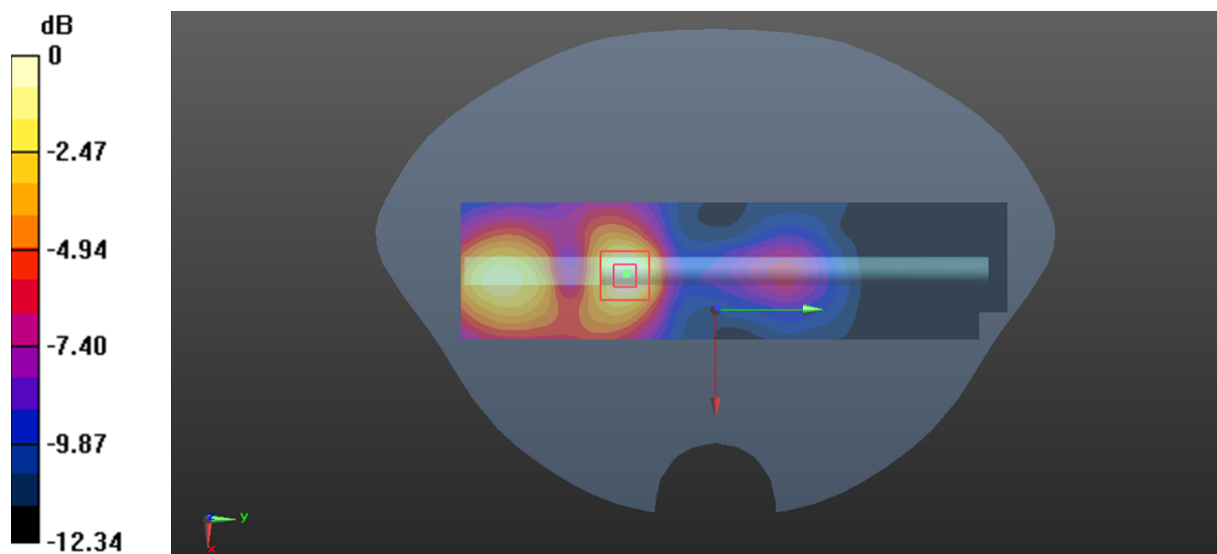
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.366 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

Plot 10#: 5.8G WLAN Mode A_Chain 0_Horizontal-Down_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

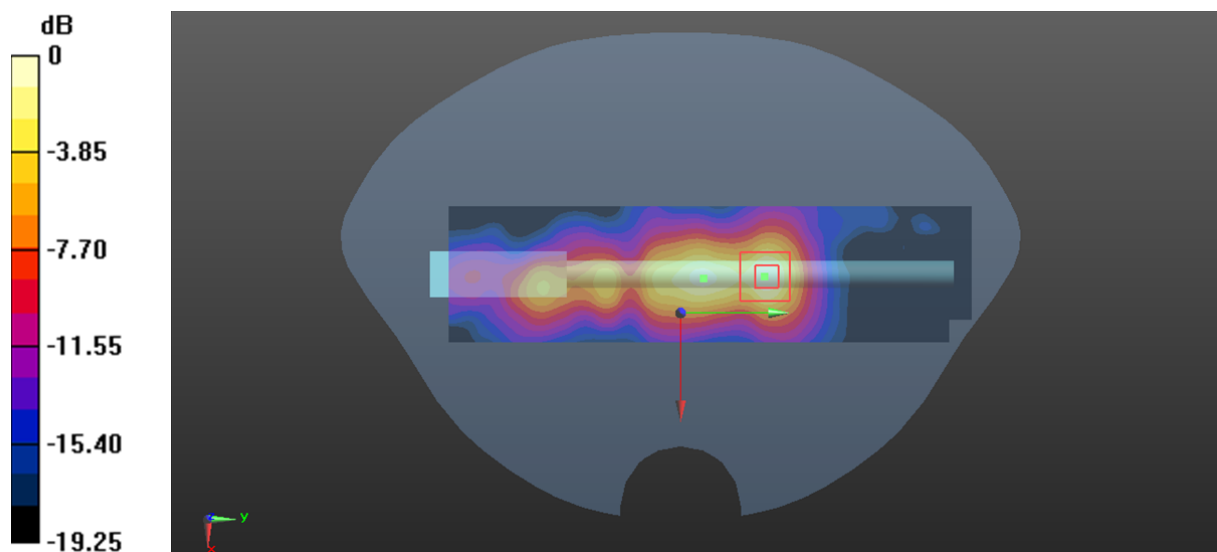
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 10.30 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

Plot 11#: 5.8G WLAN Mode A_Chain 0_ Horizontal-Down Fold_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.476 W/kg

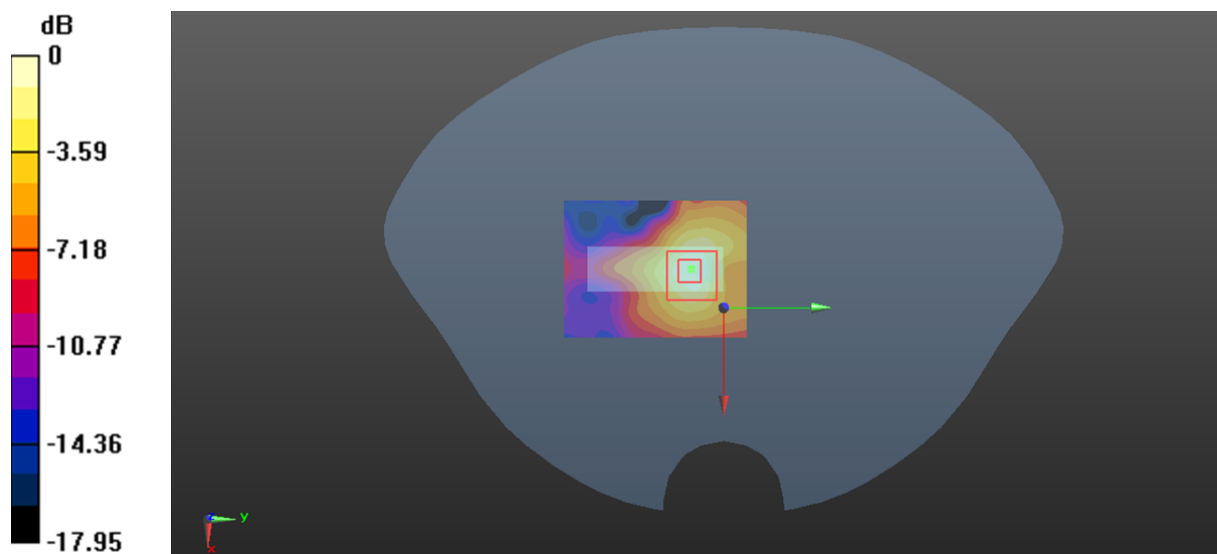
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 4.967 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

Plot 12#: 5.8G WLAN Mode A_Chain 0_ Horizontal-Up_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.19 W/kg

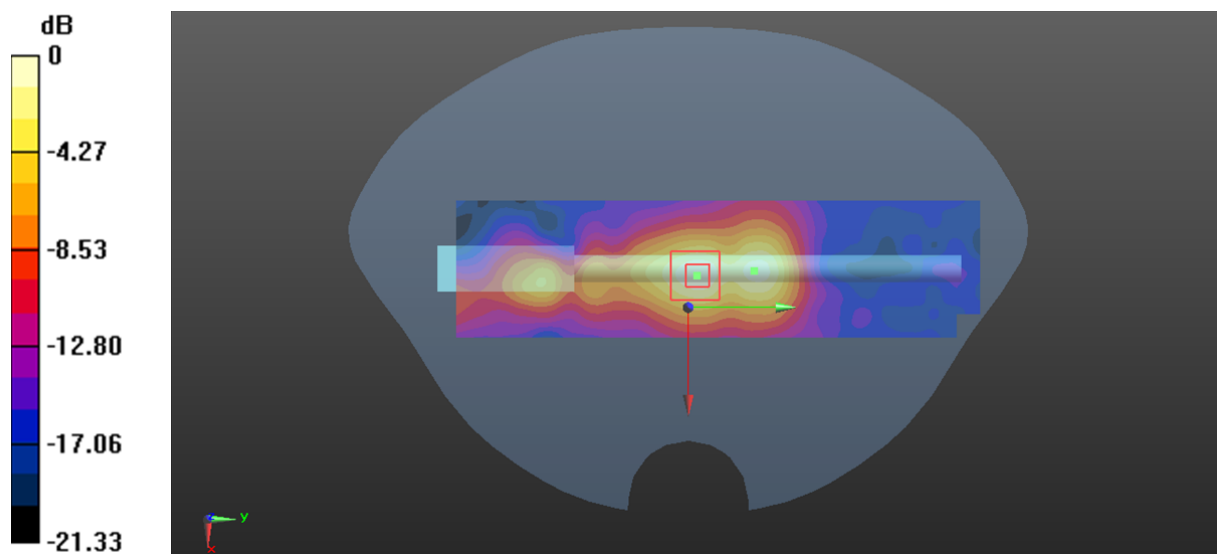
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 11.98 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Plot 13#: 5.8G WLAN Mode A_Chain 0_ Vertical-Front_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.884 W/kg

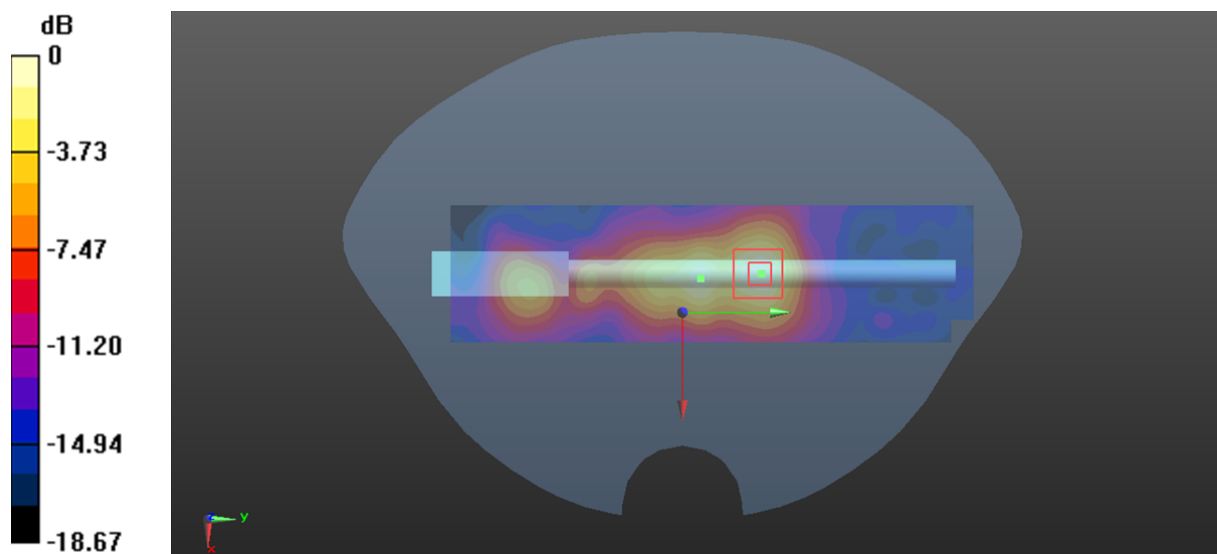
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 9.058 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

Plot 14#: 5.8G WLAN Mode A_Chain 0_ Vertical-Back_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

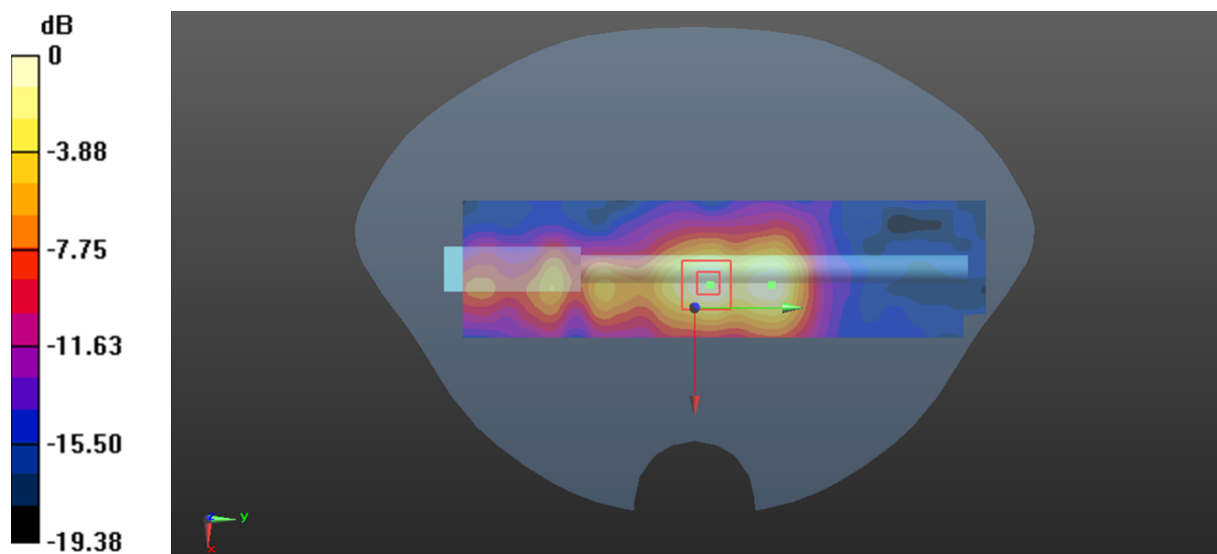
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 12.15 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Plot 15#: 5.8G WLAN Mode A_Chain 1_ Horizontal-Down _Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

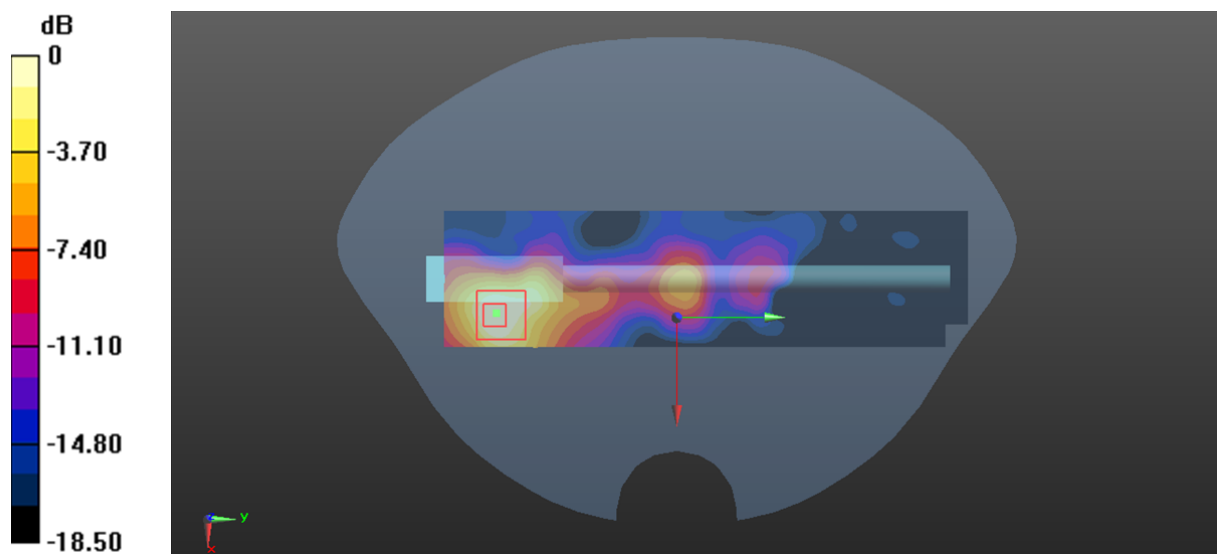
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 7.454 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.913 W/kg = -0.40 dBW/kg

Plot 16#: 5.8G WLAN Mode A_Chain 1_ Horizontal-Up_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.803 W/kg

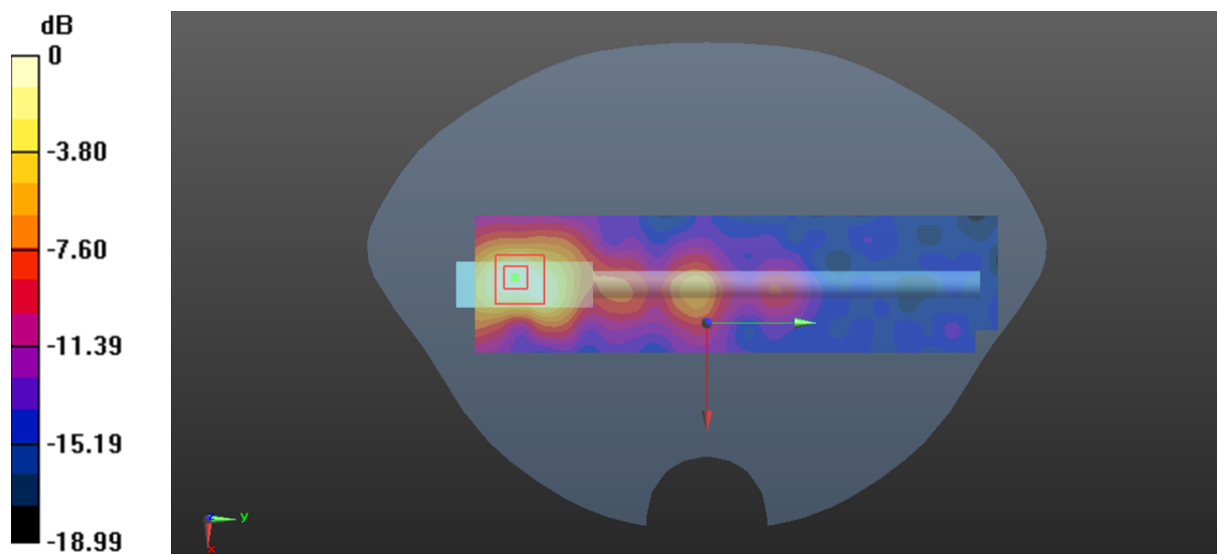
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.459 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

Plot 17#: 5.8G WLAN Mode A_Chain 1_ Vertical-Front_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

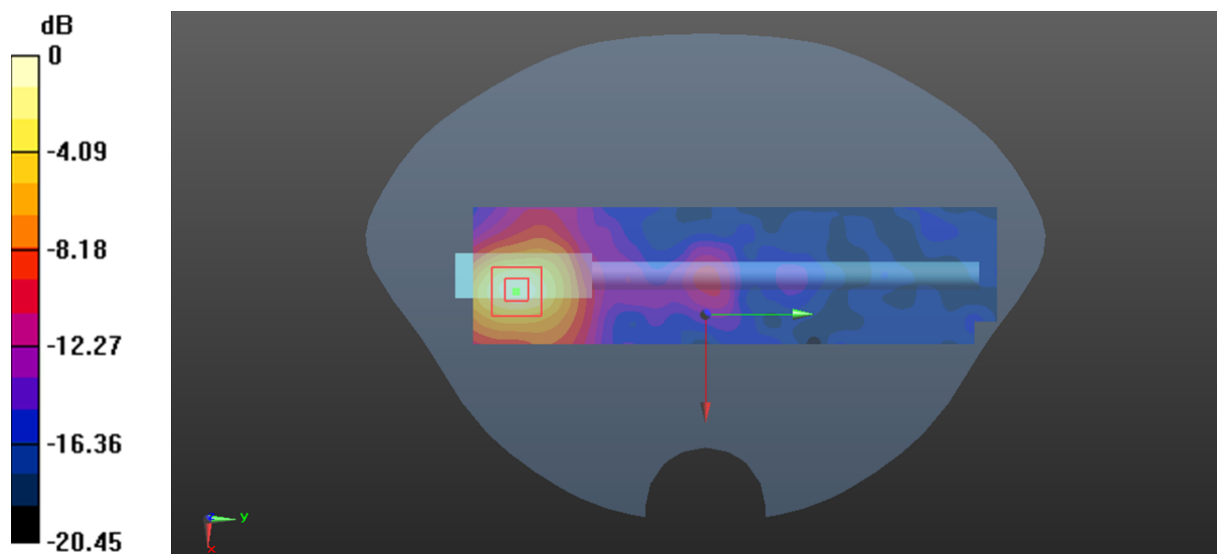
Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.464 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.259 W/kg

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



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

Plot 18#: 5.8G WLAN Mode A_Chain 1_ Vertical-Front Fold_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.825 W/kg

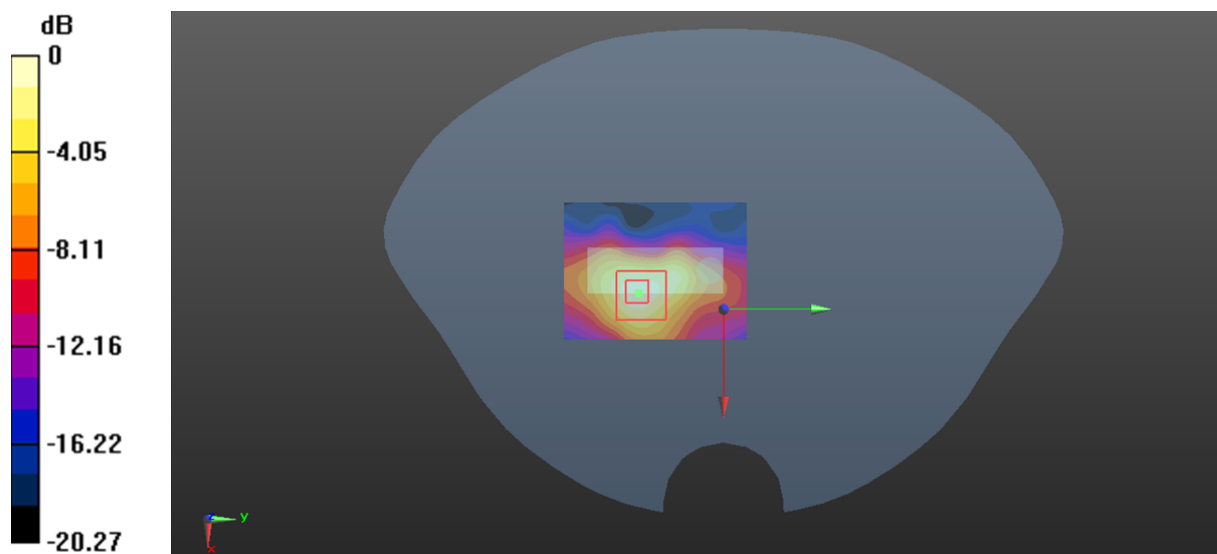
Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 4.105 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.873 W/kg



0 dB = 0.873 W/kg = -0.59 dBW/kg

Plot 19#: 5.8G WLAN Mode A_Chain 1_ Vertical-Back_Mid**DUT: Wireless Adapter; Type: EP-AC1686; Serial: RDG210330010-SA-S1**

Communication System: 802.11 a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.72, 4.72, 4.72) @ 5785 MHz; Calibrated: 2020/11/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.300 W/kg

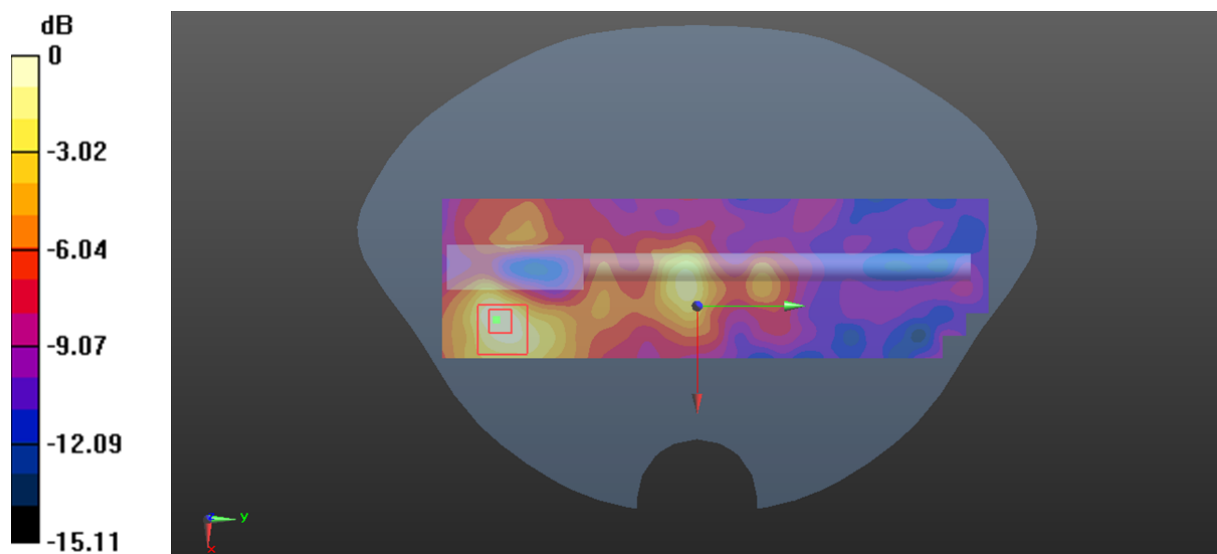
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.588 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg