

Test Plot 141#: Main WLAN 2.4G_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0676 W/kg

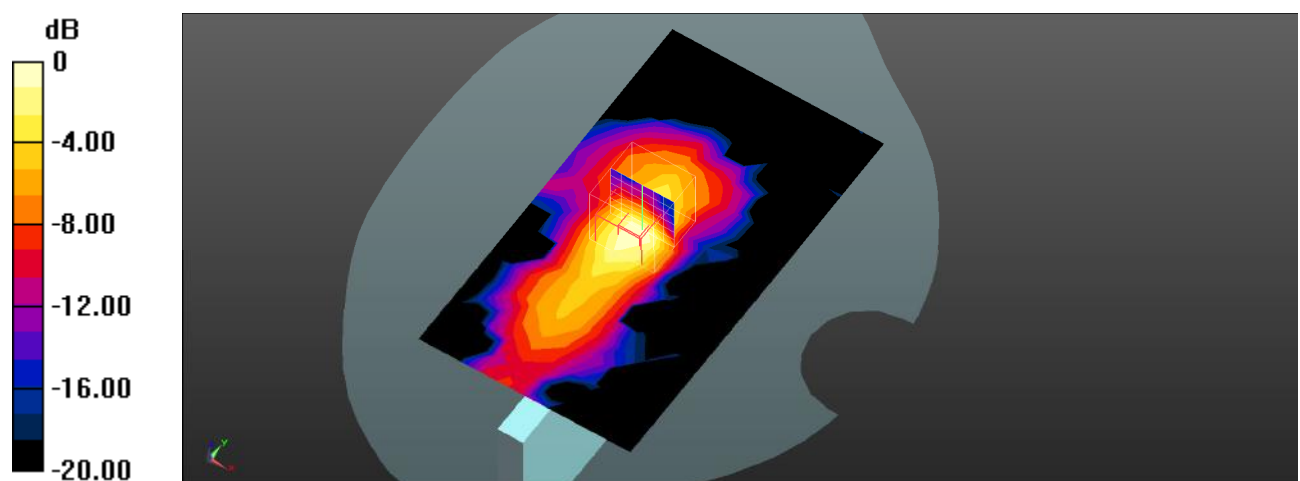
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.215 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0664 W/kg



0 dB = 0.0664 W/kg = -11.78 dBW/kg

Test Plot 142#: Main WLAN 2.4G_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0373 W/kg

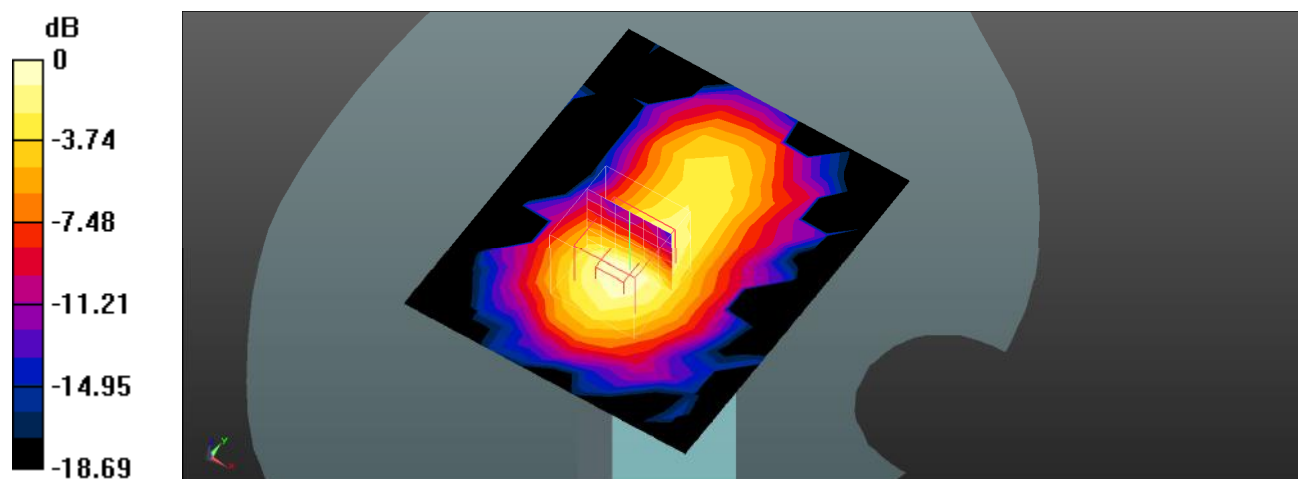
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.984 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0393 W/kg



0 dB = 0.0393 W/kg = -14.06 dBW/kg

Test Plot 143#: Main WLAN 5.2G_ Head Left Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.616$ S/m; $\epsilon_r = 35.448$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.294 W/kg

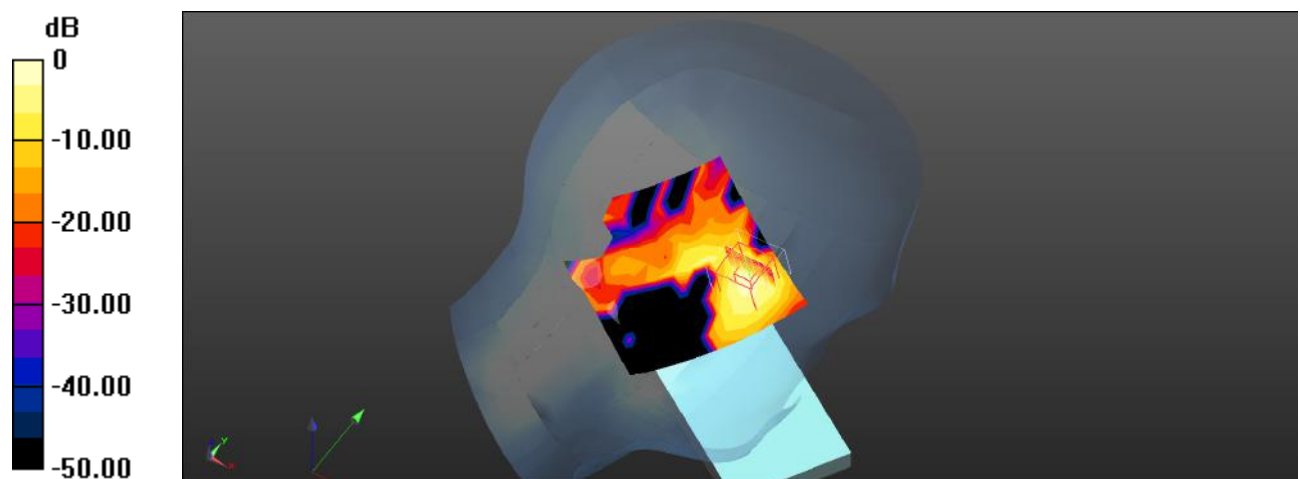
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.184 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Test Plot 144#: Main WLAN 5.2G_ Head Left Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0752 W/kg

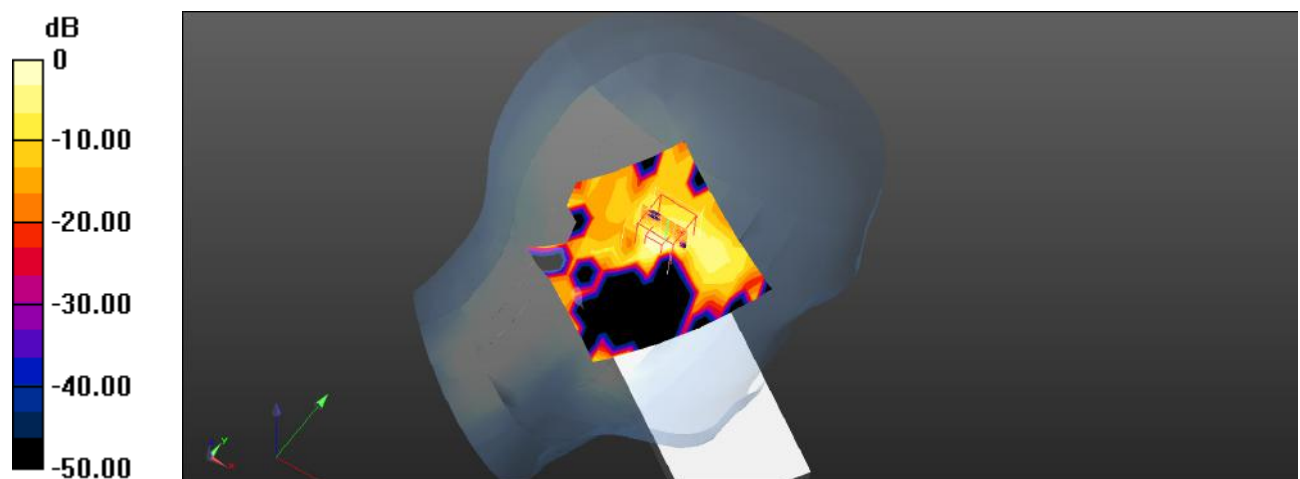
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.882 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg = -9.28 dBW/kg

Test Plot 145#: Main WLAN 5.2G_ Head Right Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0491 W/kg

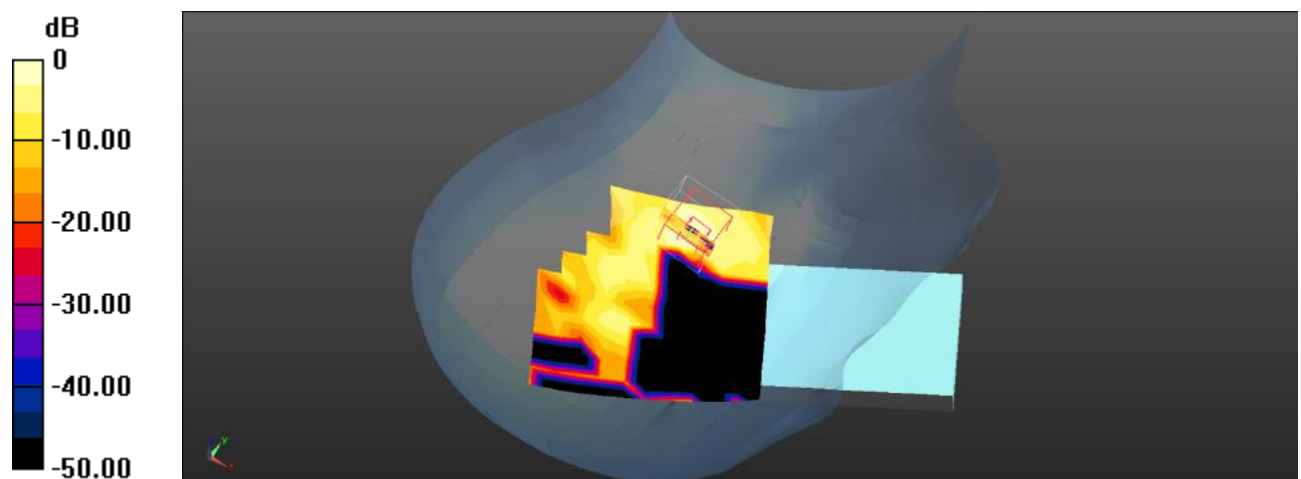
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.5860 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.00996 W/kg

Maximum value of SAR (measured) = 0.0607 W/kg

 $0 \text{ dB} = 0.0607 \text{ W/kg} = -12.17 \text{ dBW/kg}$

Test Plot 146#: Main WLAN 5.2G_ Head Right Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0428 W/kg

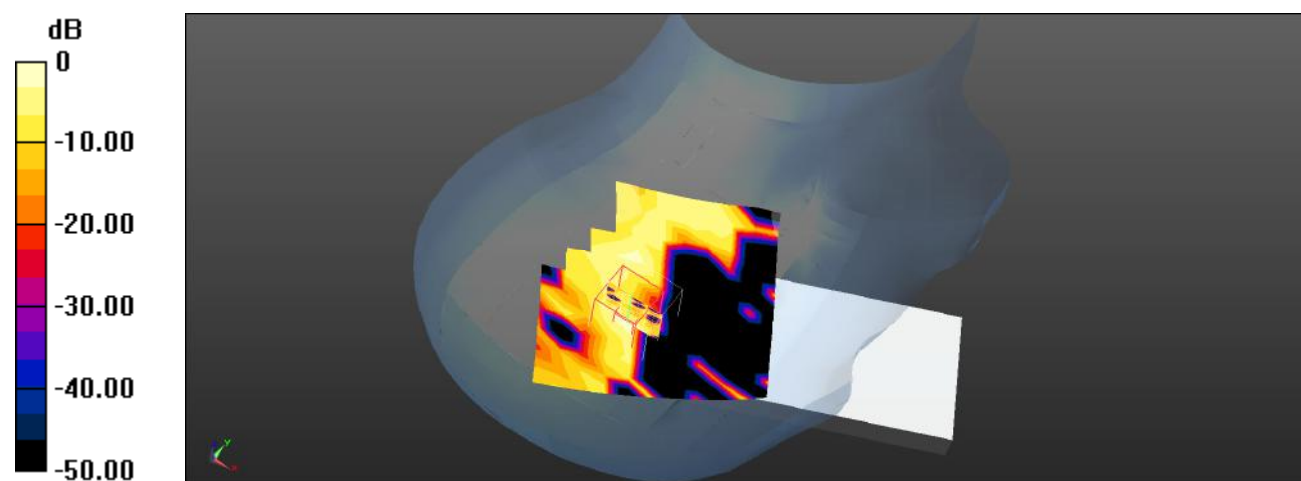
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.6642 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00196 W/kg

Maximum value of SAR (measured) = 0.0425 W/kg



0 dB = 0.0425 W/kg = -13.72 dBW/kg

Test Plot 147#: Main WLAN 5.2G_ Body Front _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (12x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0560 W/kg

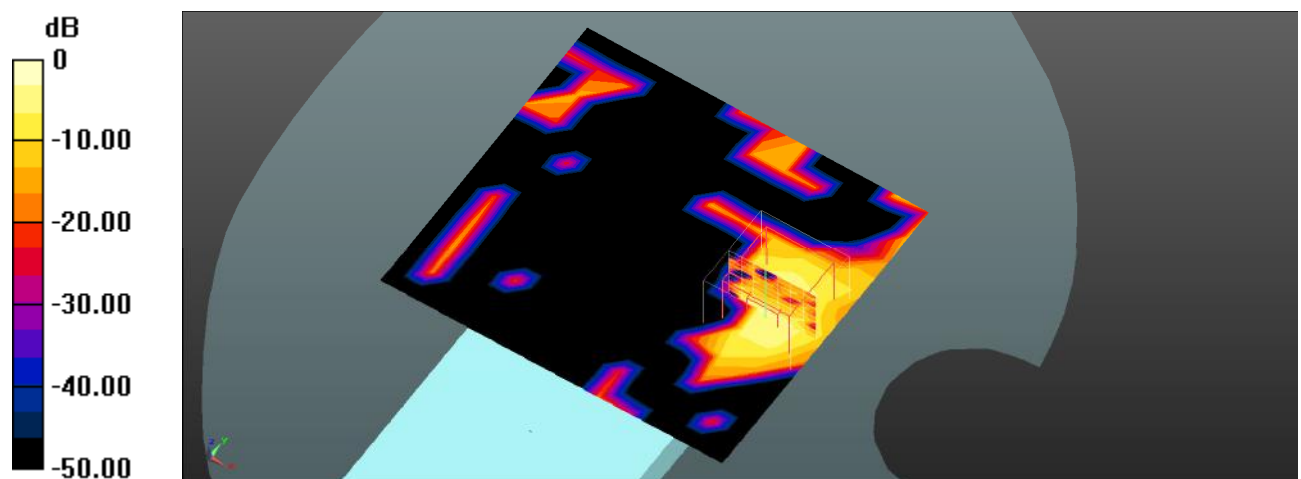
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.222 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0975 W/kg

 $0 \text{ dB} = 0.0975 \text{ W/kg} = -10.11 \text{ dBW/kg}$

Test Plot 148#: Main WLAN 5.2G_ Body Back _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (12x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0671 W/kg

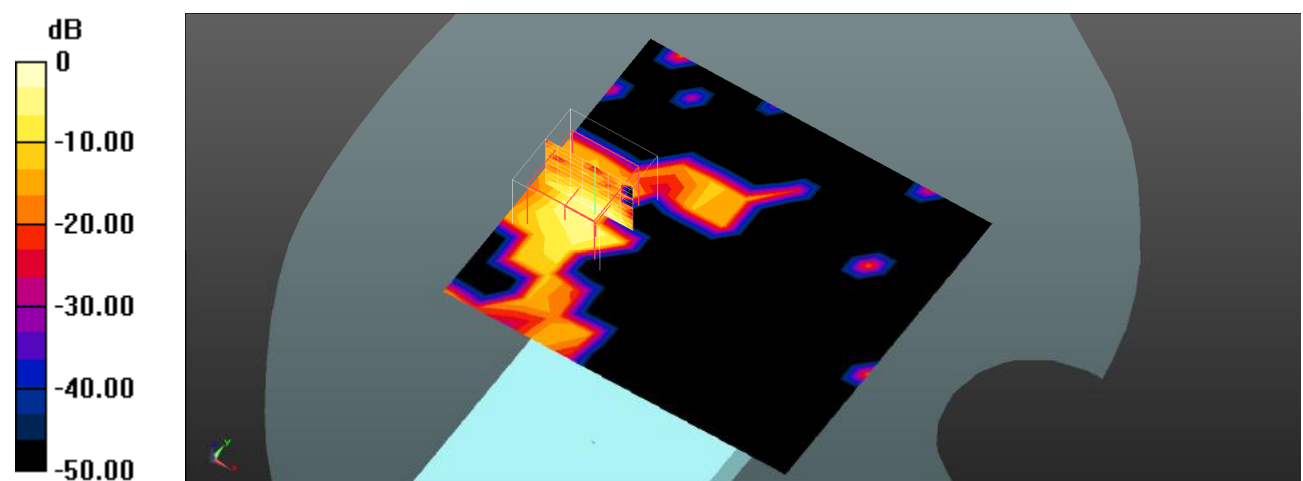
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.072 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg

Test Plot 149#: Main WLAN 5.2G_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (9x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.127 W/kg

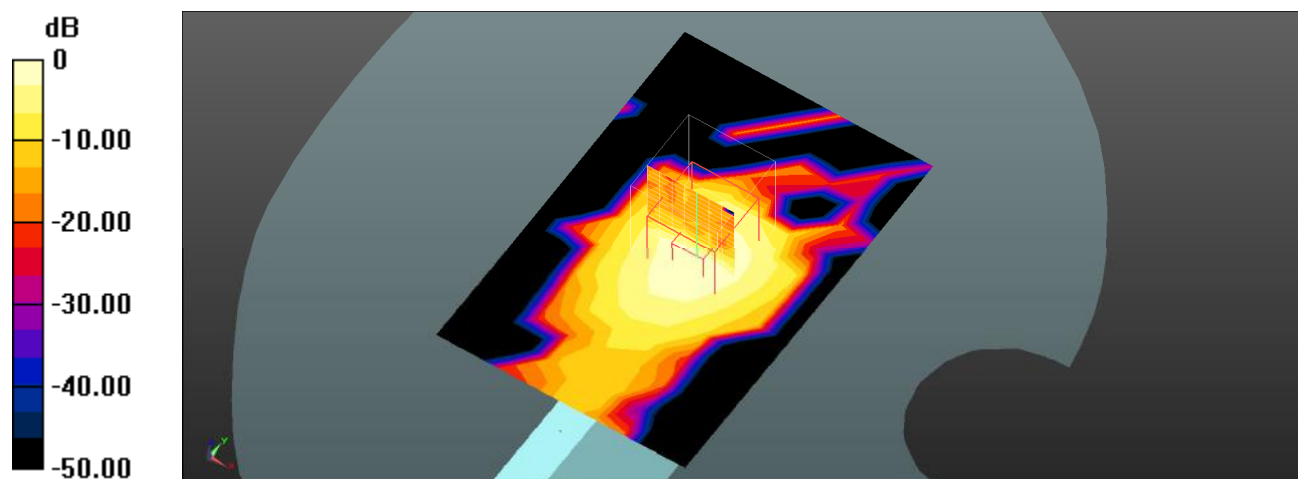
Zoom Scan (8x8x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.798 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

Test Plot 150#: Main WLAN 5.2G_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

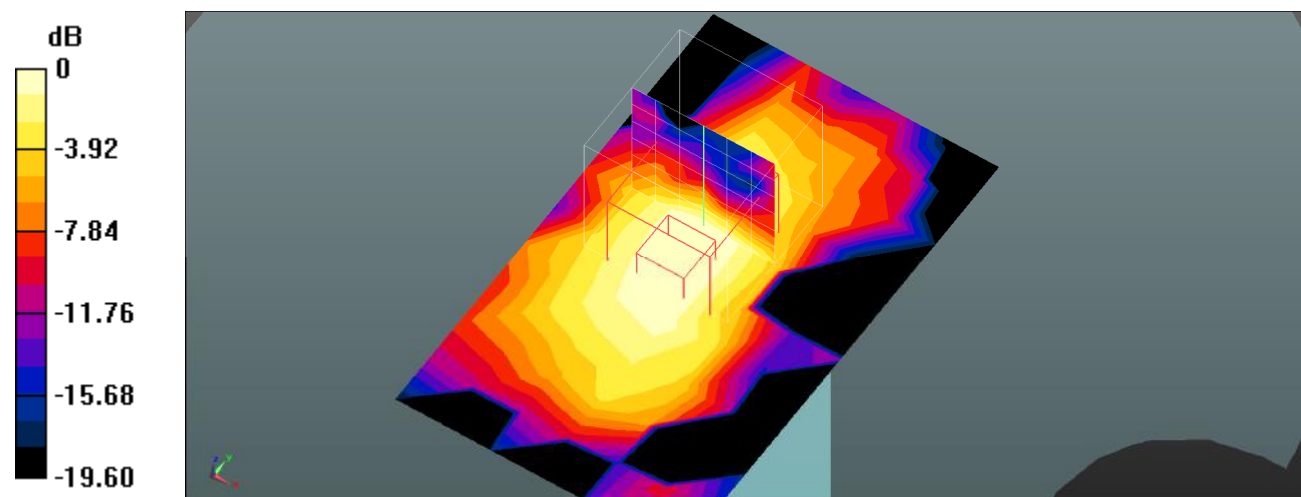
Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (7x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of U_x (measured) = 0.263 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 1.568 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.662 W/kg **SAR(1 g) = 0.160 W/kg ; SAR(10 g) = 0.064 W/kg** Maximum value of SAR (measured) = 0.275 W/kg  $0 \text{ dB} = 0.275 \text{ W/kg} = -5.61 \text{ dBW/kg}$

Test Plot 151#: Main WLAN 5.8G_ Head Left Cheek _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.512 W/kg

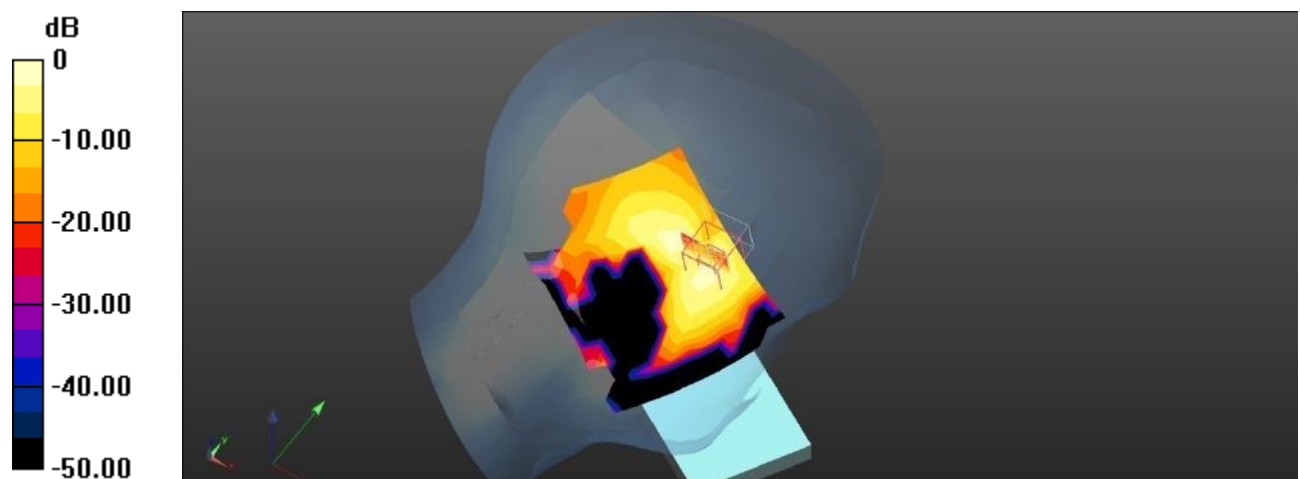
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.777 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.679 W/kg = -1.68 dBW/kg

Test Plot 152#: Main WLAN 5.8G_ Head Left Tilt _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.505 W/kg

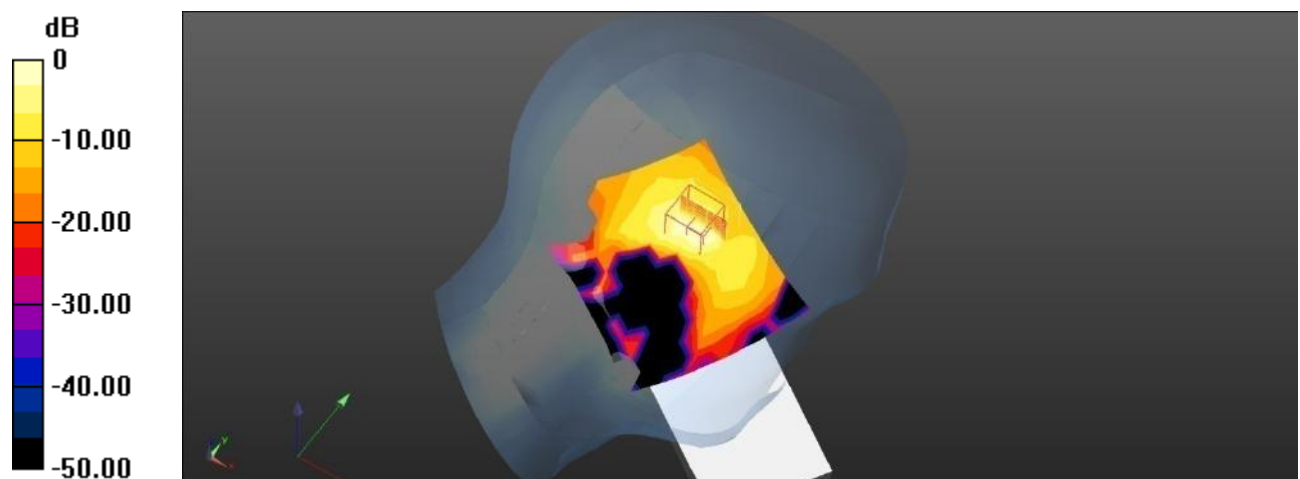
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.3410 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.603 W/kg



0 dB = 0.603 W/kg = -2.20 dBW/kg

Test Plot 153#: Main WLAN 5.8G_ Head Right Cheek _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

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

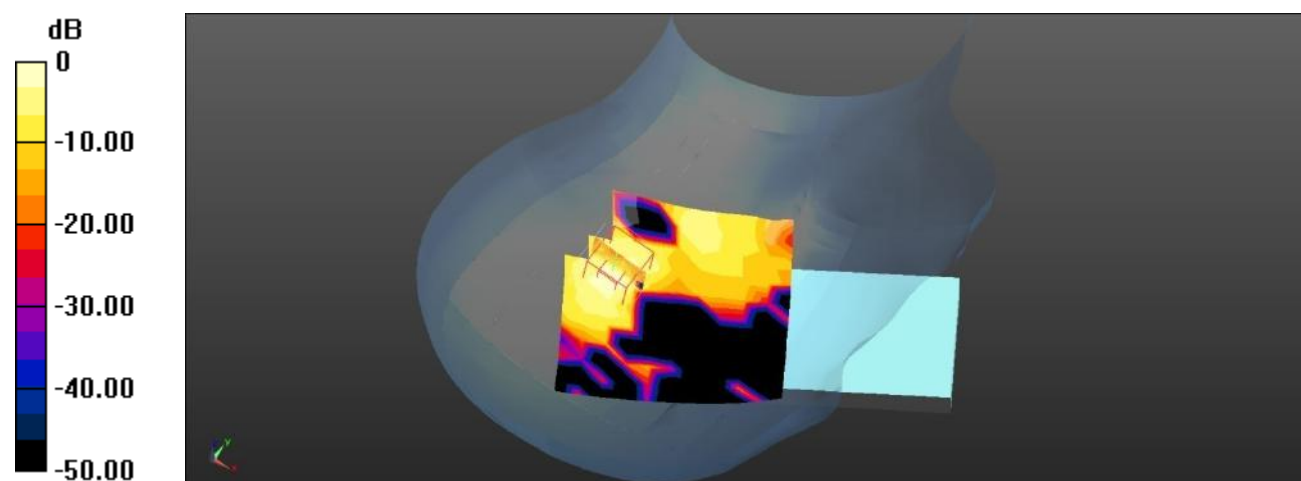
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.652 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

Test Plot 154#: Main WLAN 5.8G_ Head Right Tilt _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.233 W/kg

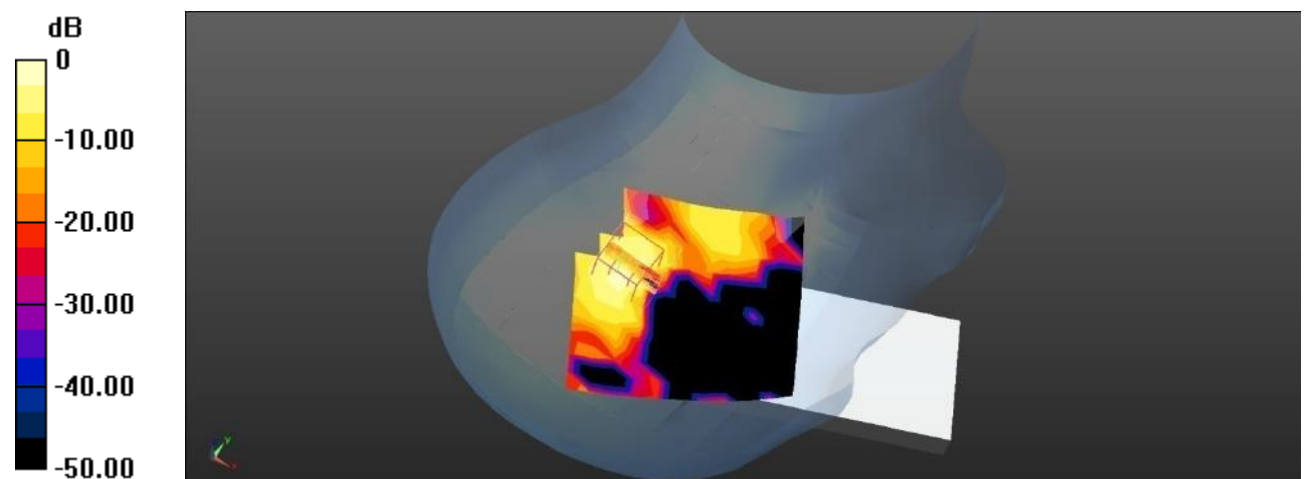
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.712 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

Test Plot 155#: Main WLAN 5.8G_ Body Front _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (13x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.167 W/kg

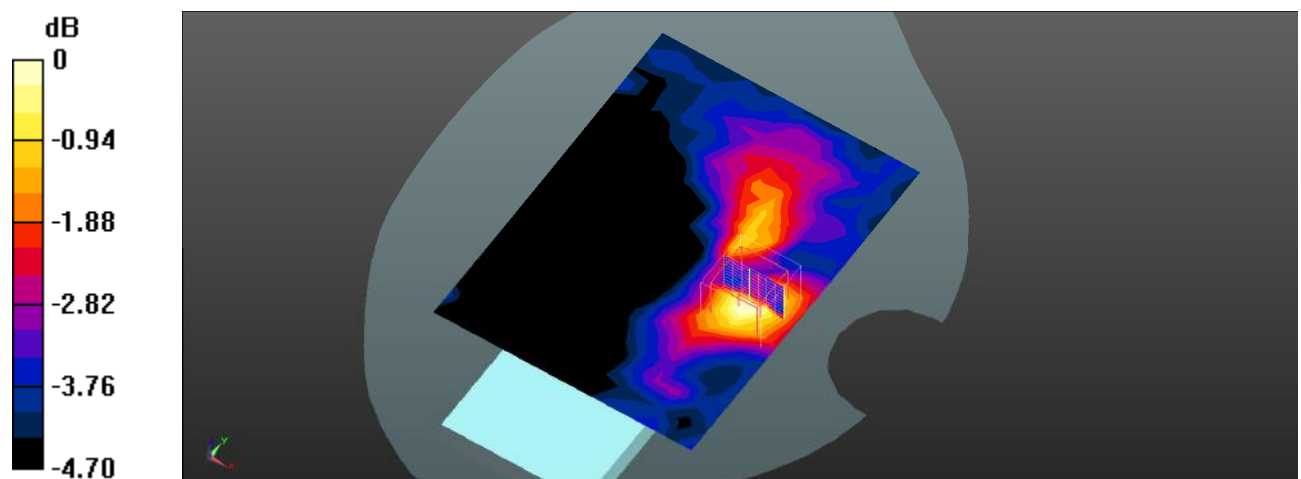
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.864 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

Test Plot 156#: Main WLAN 5.8G_ Body Back _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.237 W/kg

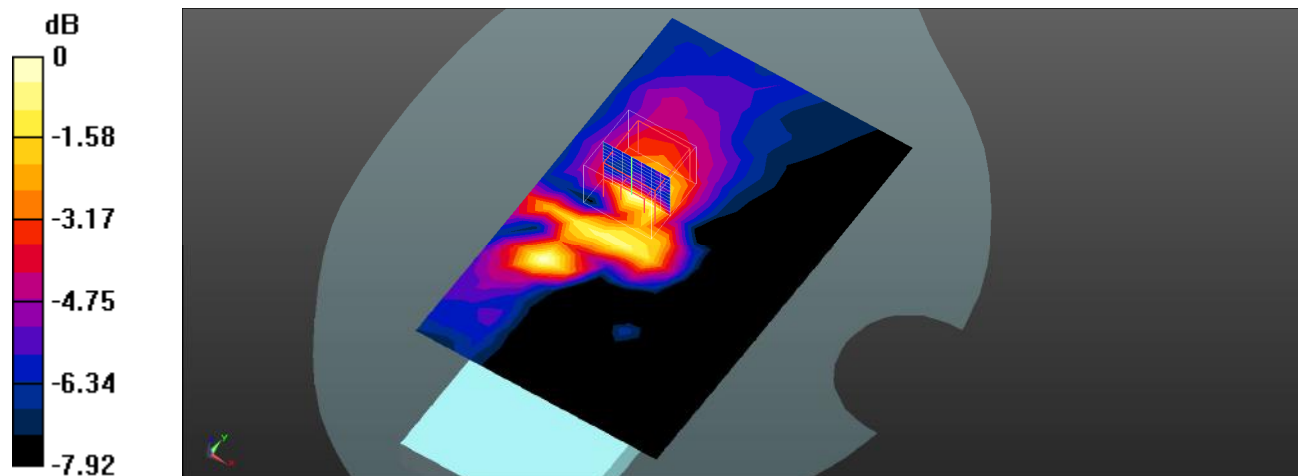
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.614 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

Test Plot 157#: Main WLAN 5.8G_ Body Right _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

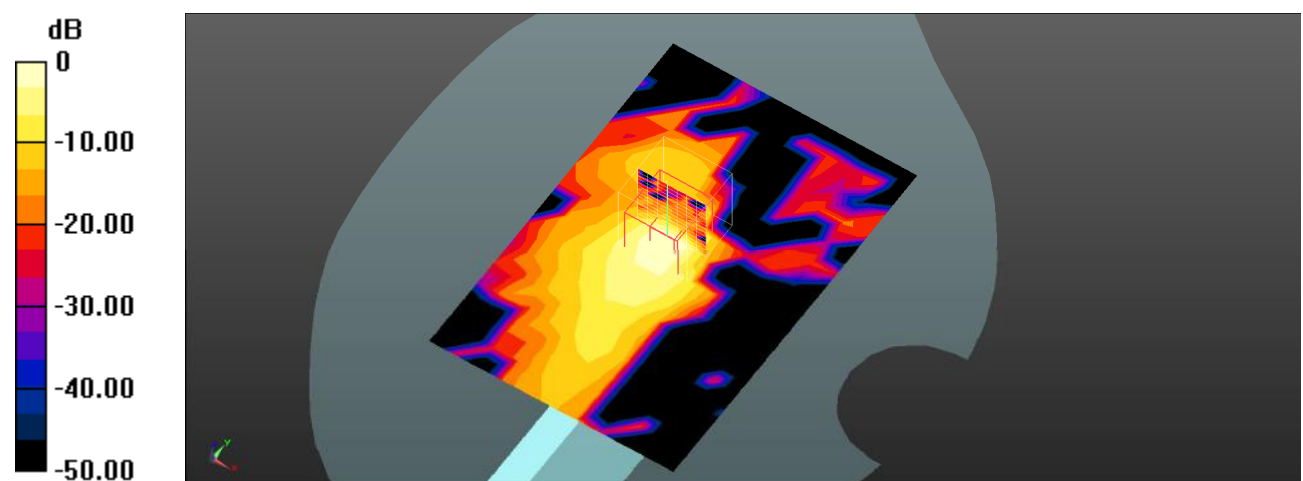
Zoom Scan (8x8x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.574 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg

Test Plot 158#: Main WLAN 5.8G_ Body Top _High**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.718$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5825 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0893 W/kg

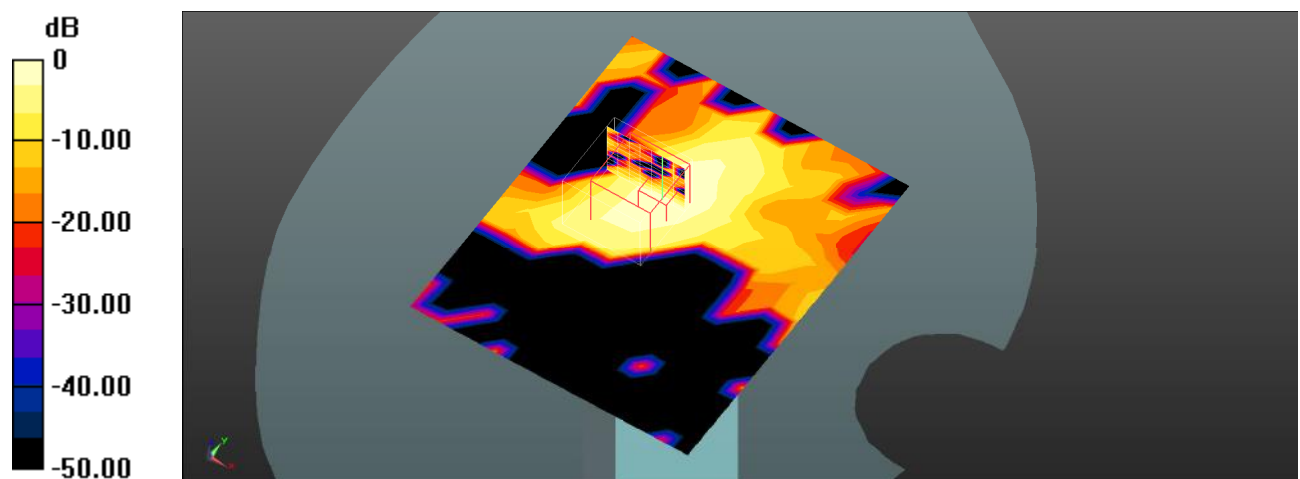
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.026 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

Test Plot 159#: Main Bluetooth_ Head Left Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.140 W/kg

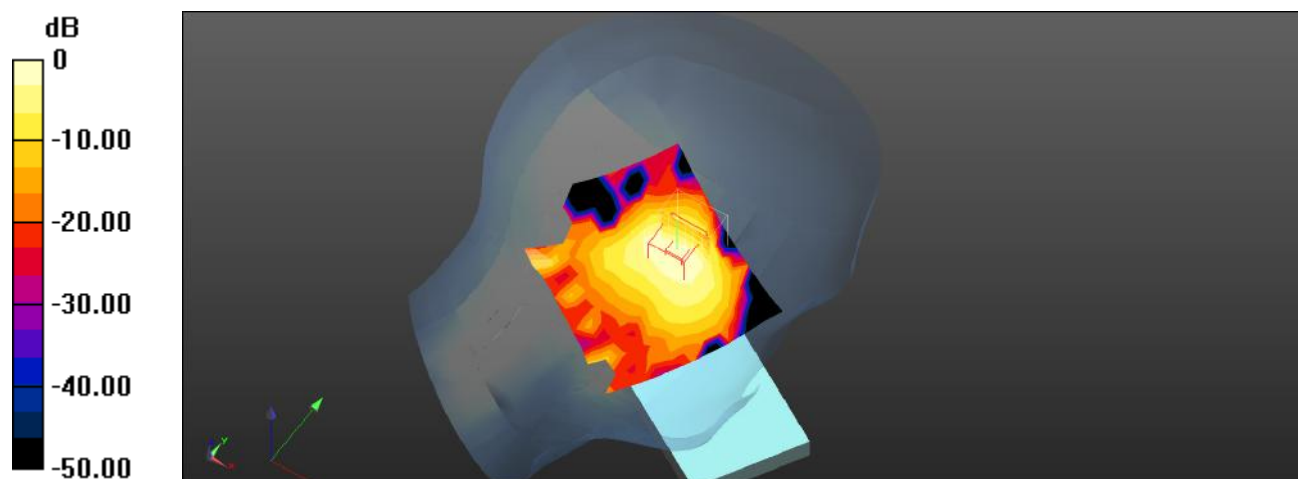
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.186 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

Test Plot 160#: Main Bluetooth_ Head Left Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.102 W/kg

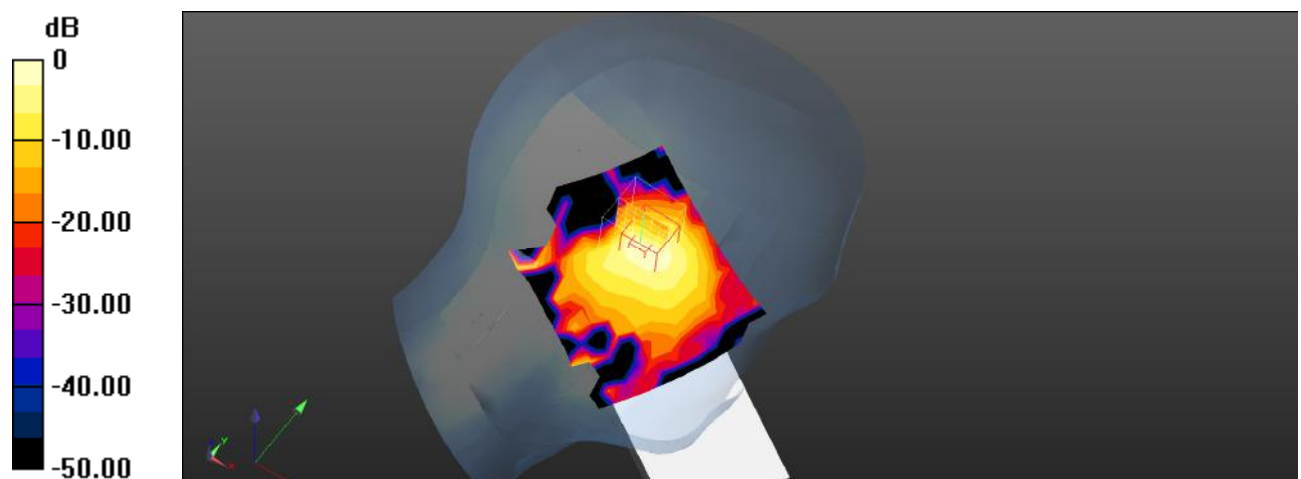
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.076 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

Test Plot 161#: Main Bluetooth_ Head Right Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0463 W/kg

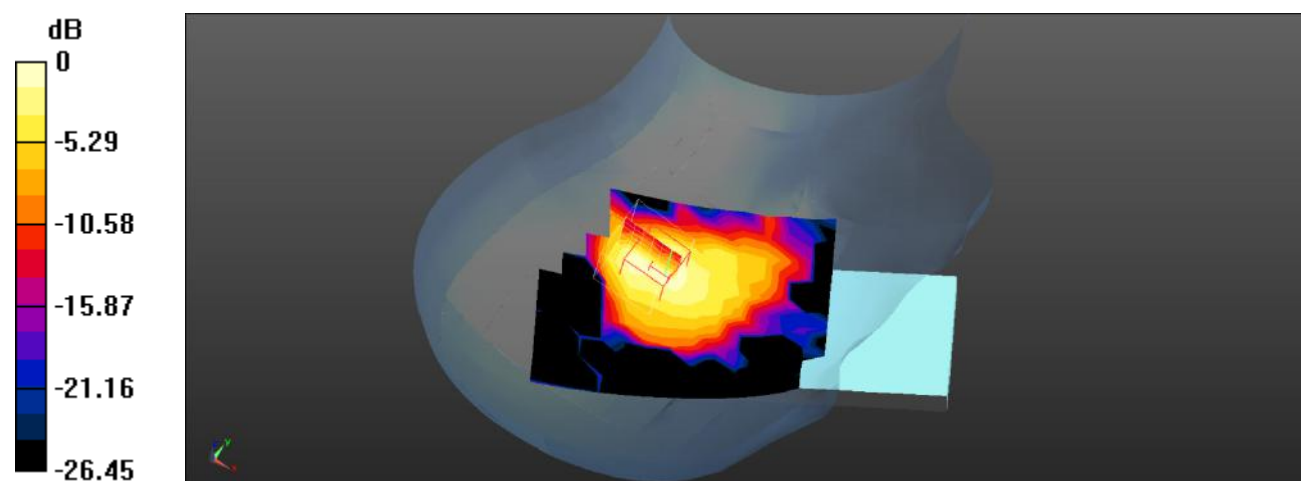
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.953 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0492 W/kg



0 dB = 0.0492 W/kg = -13.08 dBW/kg

Test Plot 162#: Main Bluetooth_ Head Right Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0583 W/kg

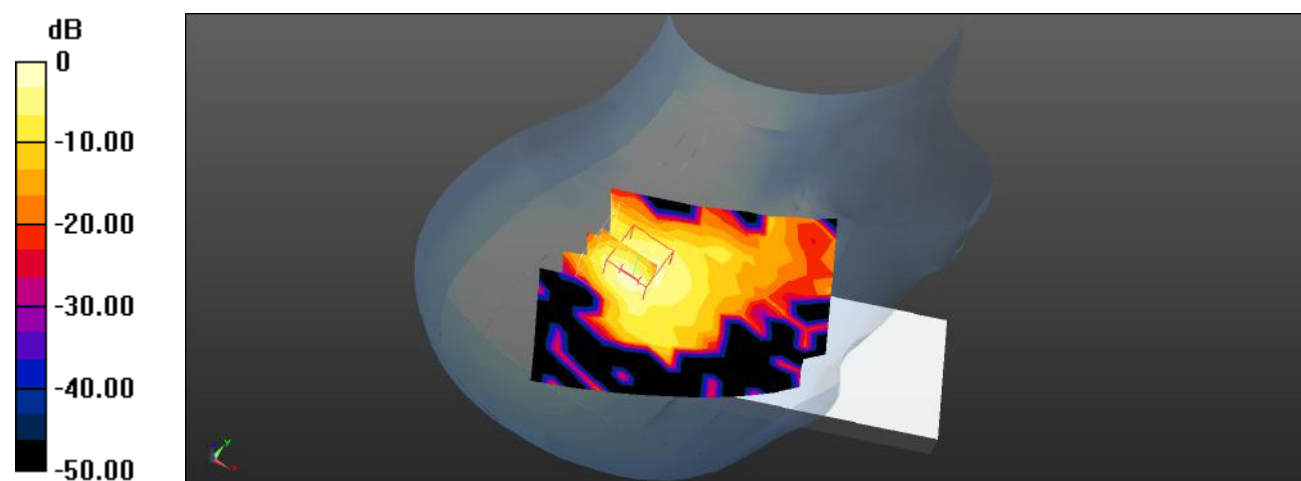
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.658 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0631 W/kg



0 dB = 0.0631 W/kg = -12.00 dBW/kg

Test Plot 163#: Main Bluetooth_ Body Front _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0353 W/kg

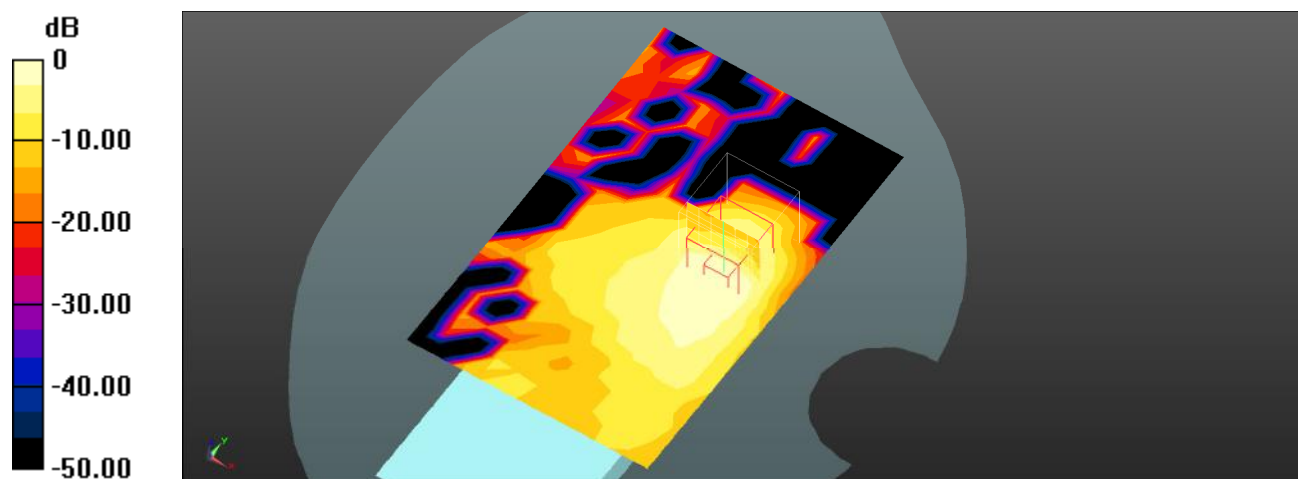
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.345 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0386 W/kg



0 dB = 0.0386 W/kg = -14.13 dBW/kg

Test Plot 164#: Main Bluetooth_ Body Back _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0345 W/kg

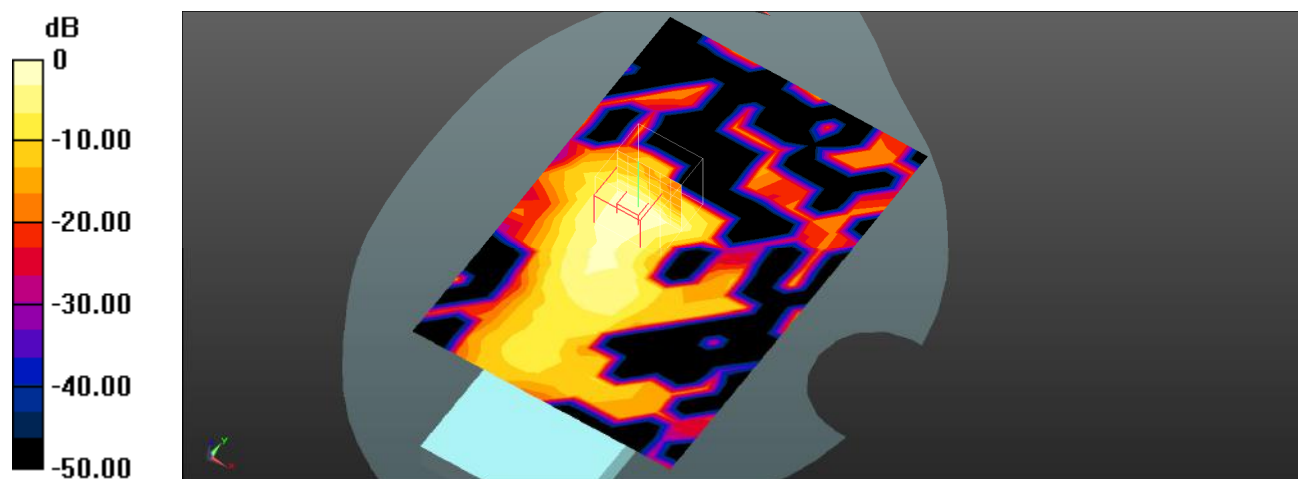
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.499 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0387 W/kg



0 dB = 0.0387 W/kg = -14.12 dBW/kg

Test Plot 165#: Main Bluetooth_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0275 W/kg

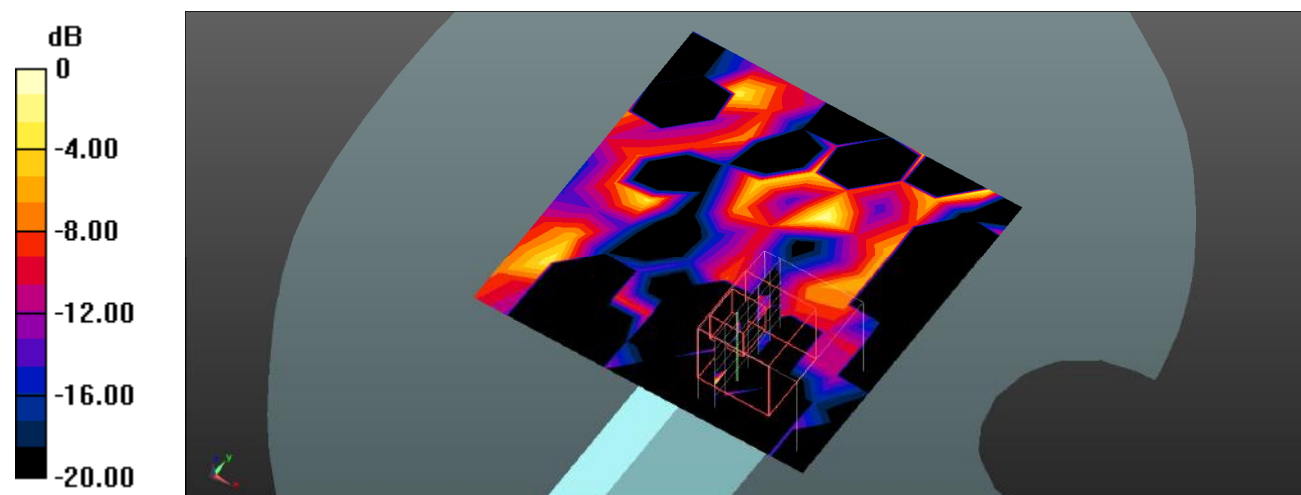
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.605 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0490 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0297 W/kg



0 dB = 0.0297 W/kg = -15.27 dBW/kg

Test Plot 166#: Main Bluetooth_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1211; Calibrated: 2022/03/01
- Phantom: Twin SAM; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0223 W/kg

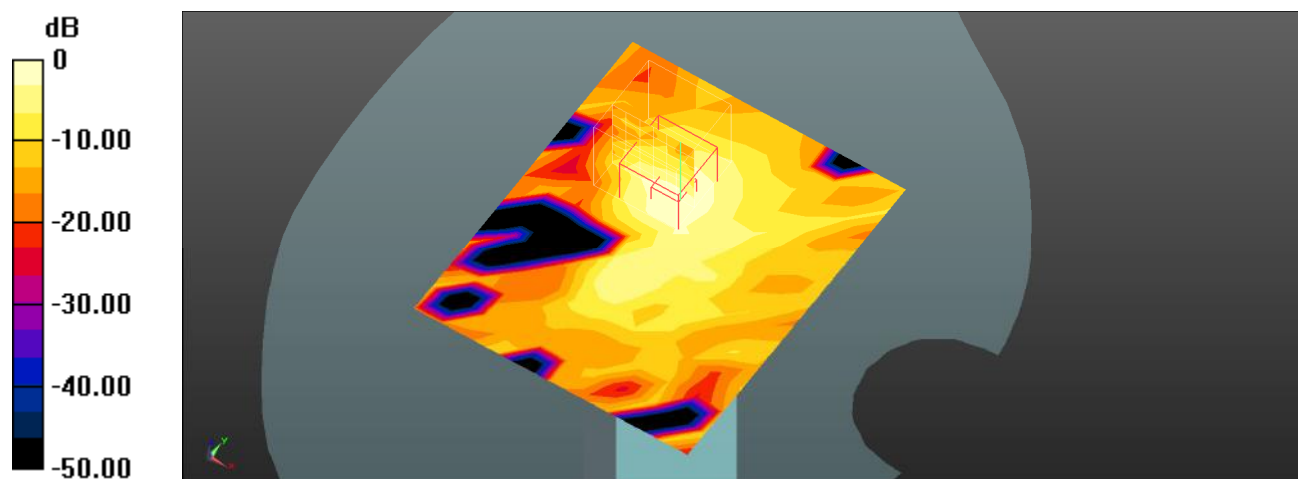
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.062 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00957 W/kg

Maximum value of SAR (measured) = 0.0241 W/kg



0 dB = 0.0241 W/kg = -16.18 dBW/kg

Test Plot 167#: AUX WLAN 2.4G_ Head Left Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0657 W/kg

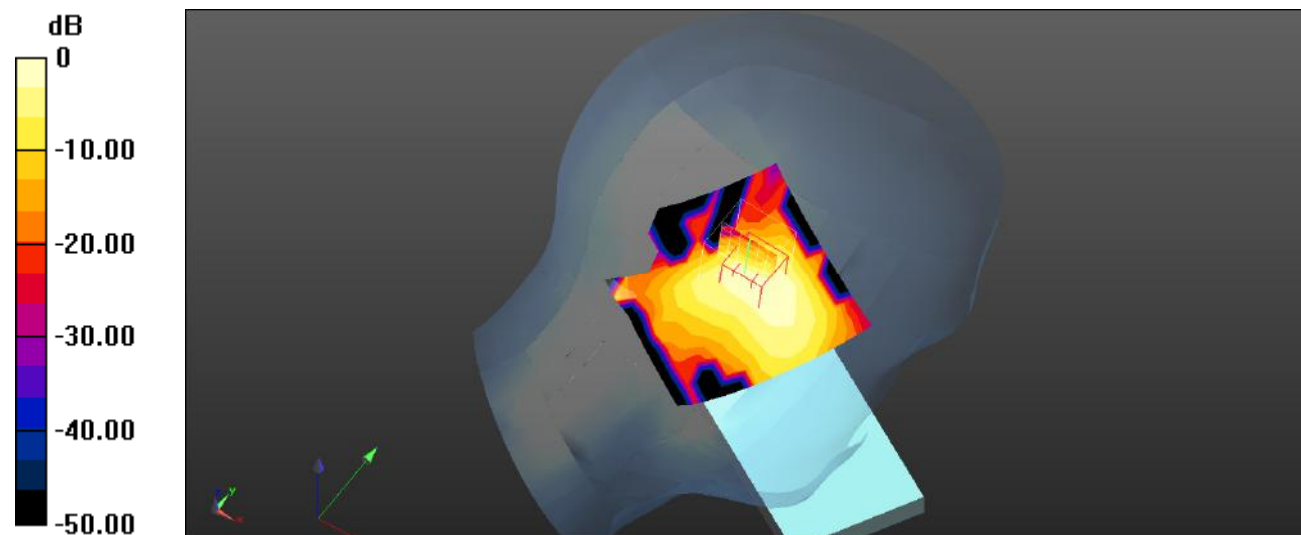
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.218 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0674 W/kg



0 dB = 0.0674 W/kg = -11.71 dBW/kg

Test Plot 168#: AUX WLAN 2.4G_ Head Left Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

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

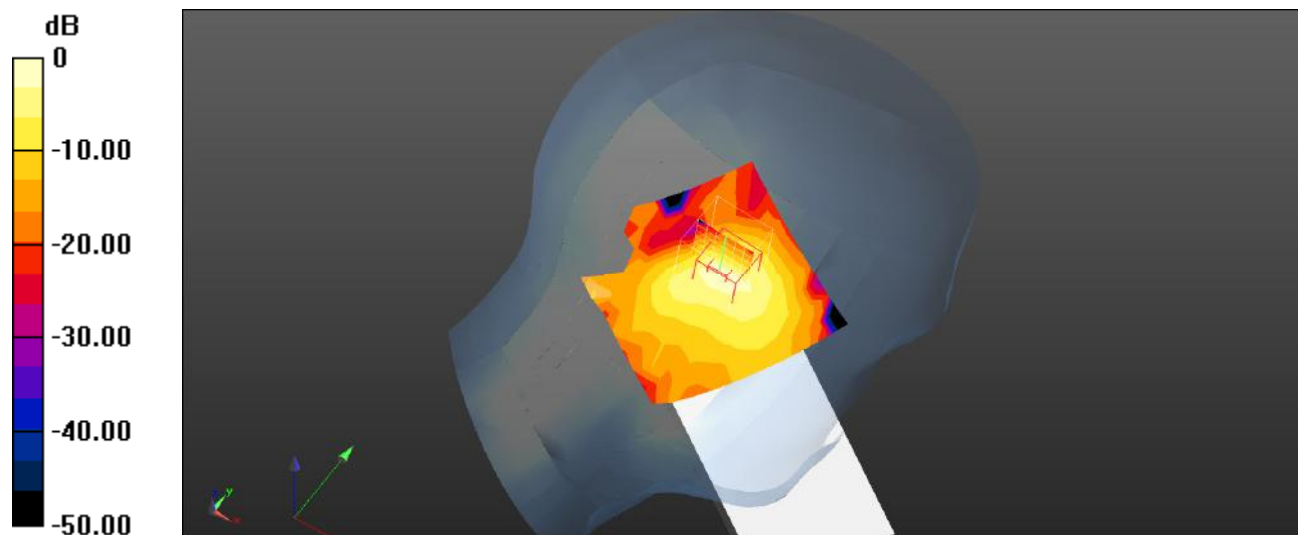
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.994 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0776 W/kg



0 dB = 0.0776 W/kg = -11.10 dBW/kg

Test Plot 169#: AUX WLAN 2.4G_ Head Right Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0274 W/kg

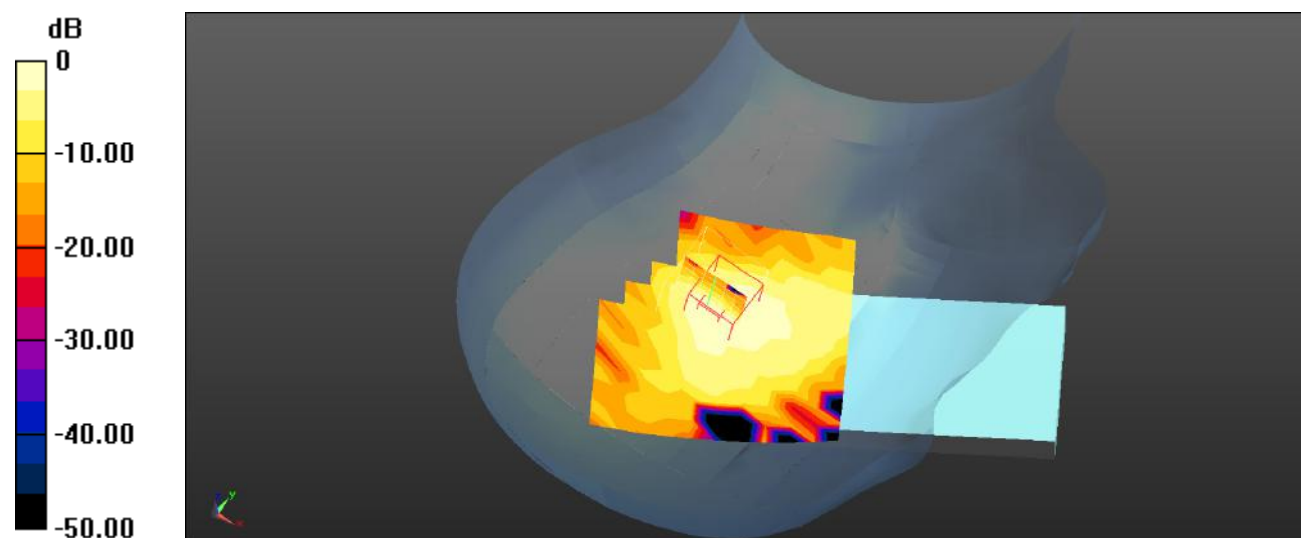
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.946 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0302 W/kg



0 dB = 0.0302 W/kg = -15.20 dBW/kg

Test Plot 170#: AUX WLAN 2.4G_ Head Right Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0259 W/kg

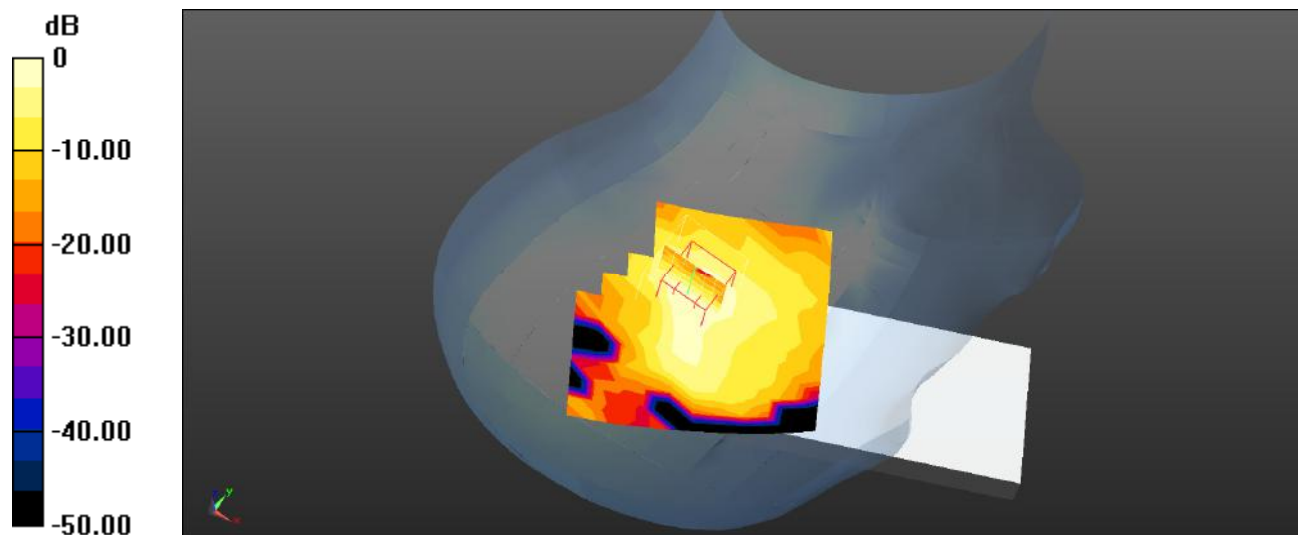
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.870 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0560 W/kg

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

Maximum value of SAR (measured) = 0.0321 W/kg



0 dB = 0.0321 W/kg = -14.93 dBW/kg

Test Plot 171#: AUX WLAN 2.4G_ Body Front _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0204 W/kg

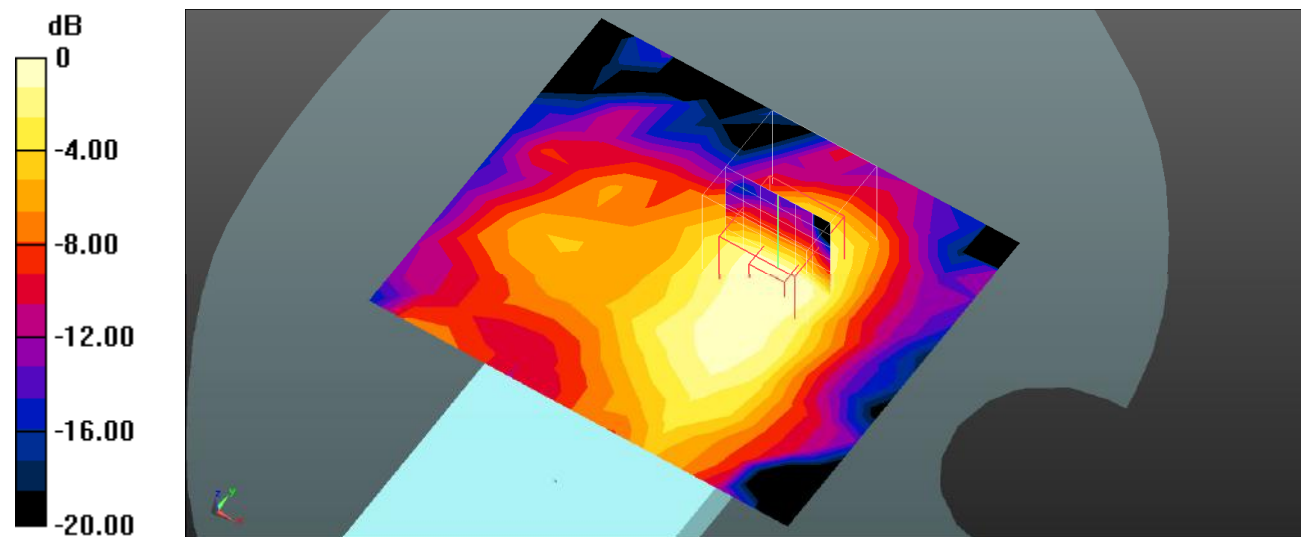
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.083 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00935 W/kg

Maximum value of SAR (measured) = 0.0192 W/kg



0 dB = 0.0192 W/kg = -17.17 dBW/kg

Test Plot 172#: AUX WLAN 2.4G_ Body Back _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0274 W/kg

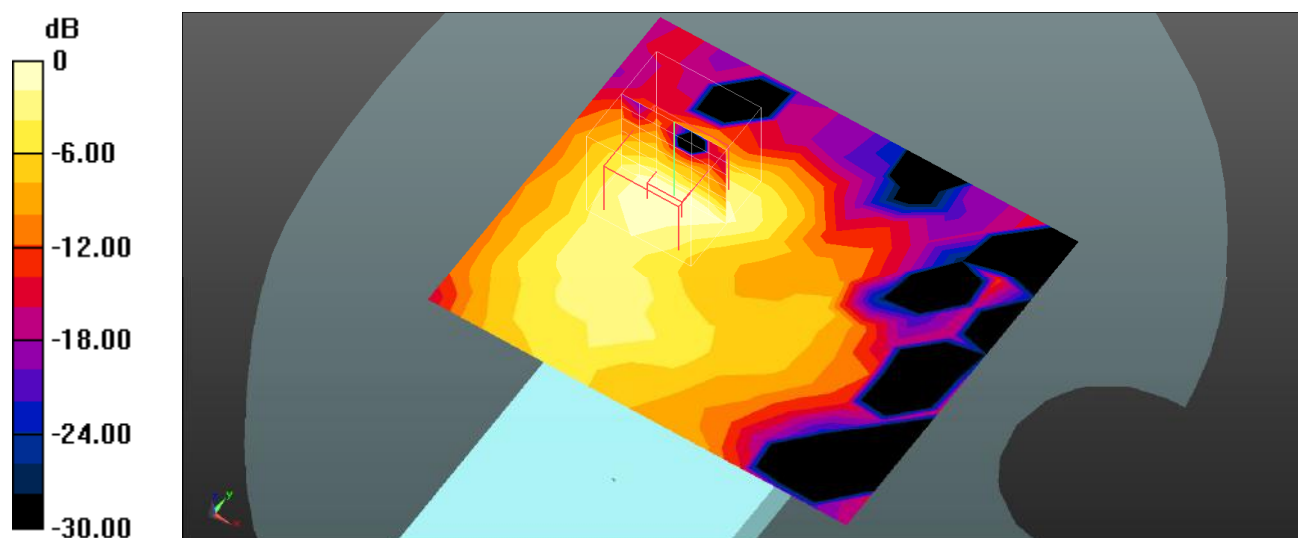
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.217 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0259 W/kg



0 dB = 0.0259 W/kg = -15.87 dBW/kg

Test Plot 173#: AUX WLAN 2.4G_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0146 W/kg

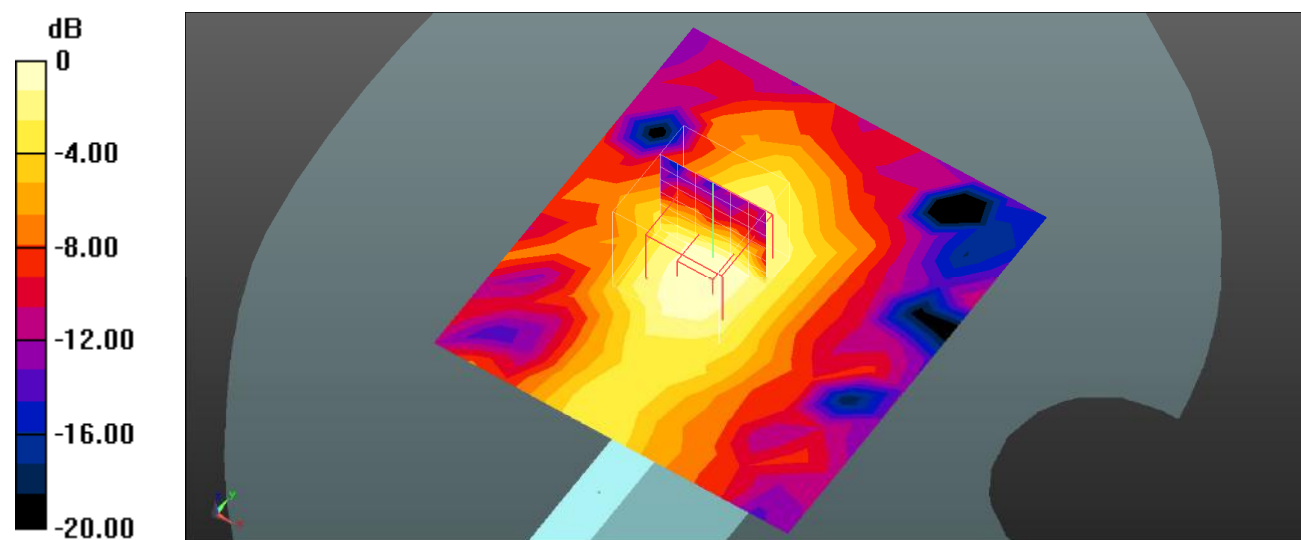
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.436 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00738 W/kg

Maximum value of SAR (measured) = 0.0141 W/kg



0 dB = 0.0141 W/kg = -18.51 dBW/kg

Test Plot 174#: AUX WLAN 2.4G_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2442 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0156 W/kg

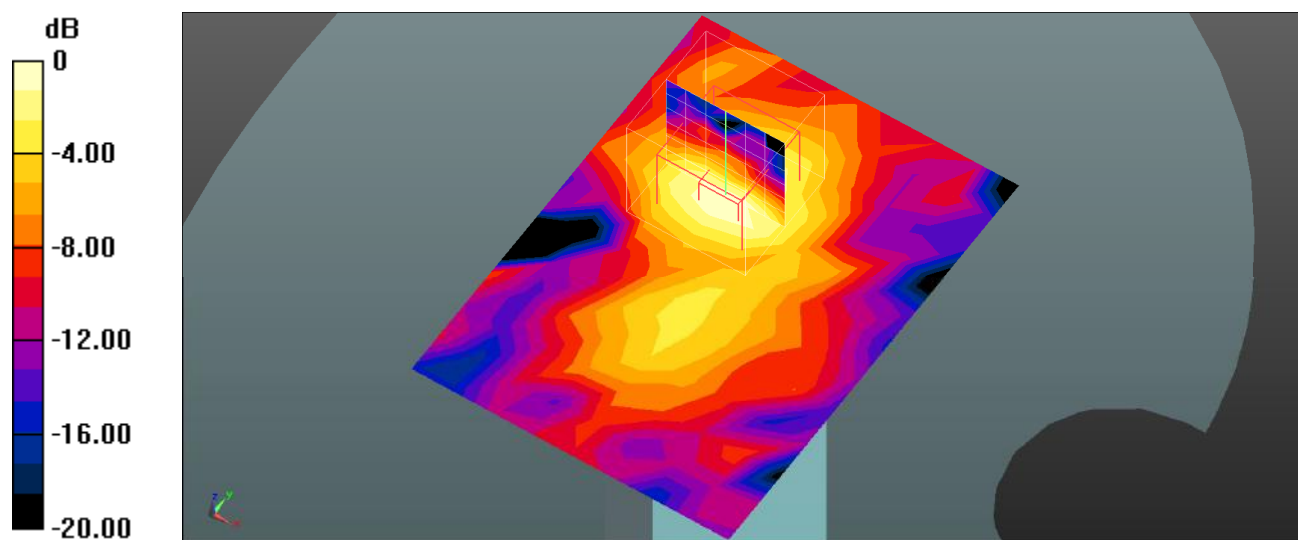
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.722 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00676 W/kg

Maximum value of SAR (measured) = 0.0169 W/kg



0 dB = 0.0169 W/kg = -17.72 dBW/kg

Test Plot 175#: AUX WLAN 5.2G_ Head Left Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.141 W/kg

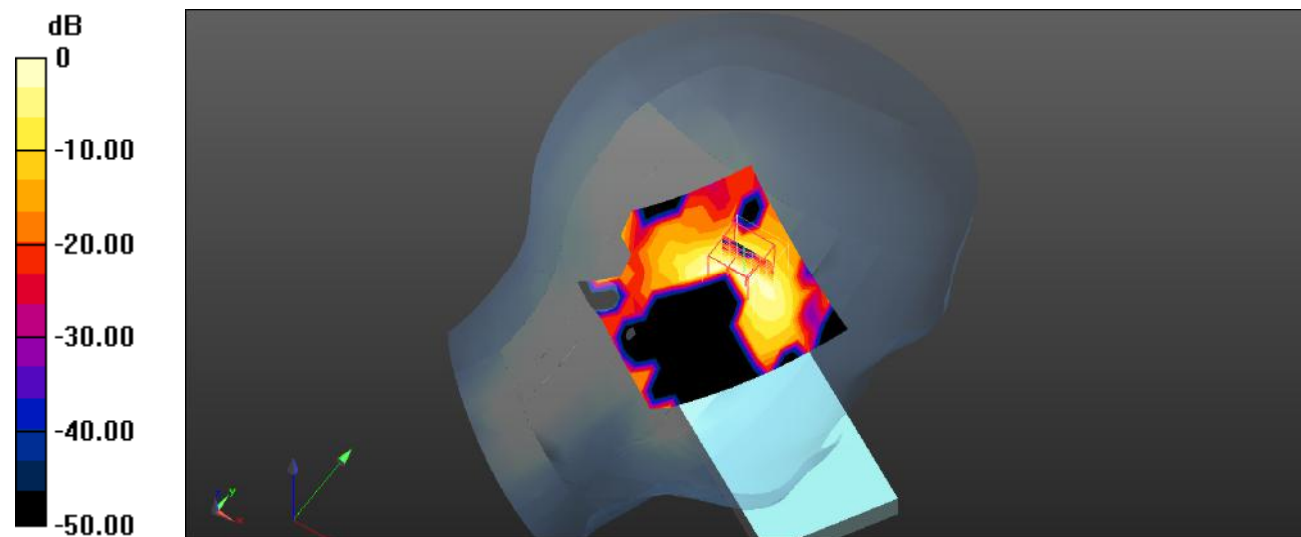
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.313 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

Test Plot 176#: AUX WLAN 5.2G_ Head Left Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.224 W/kg

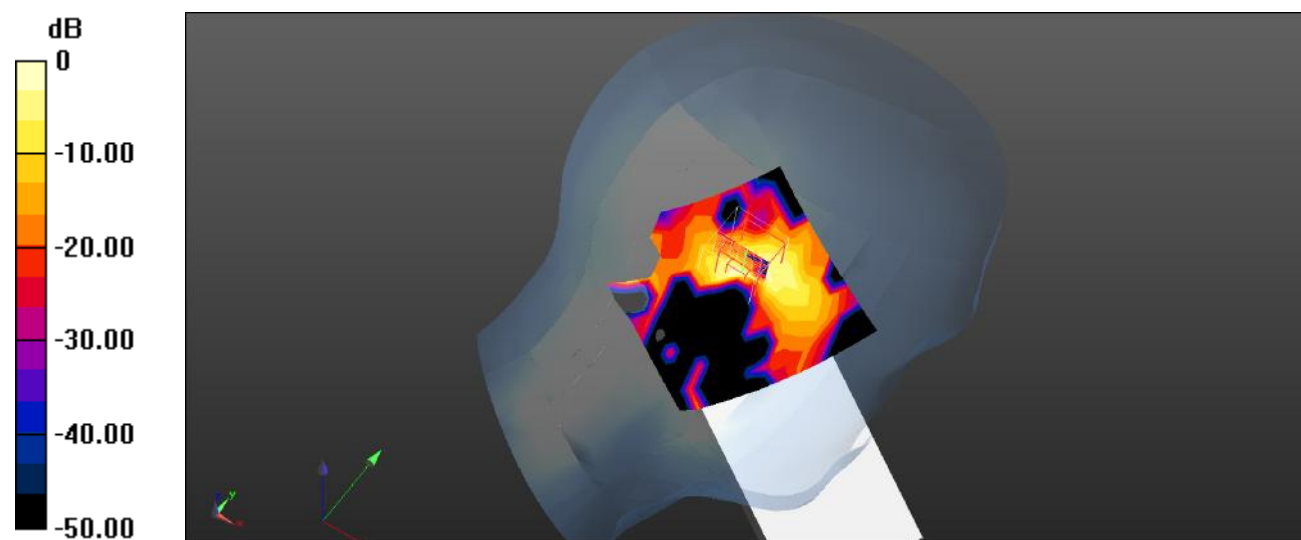
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.762 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.029 W/kg

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



0 dB = 0.226 W/kg = -6.46 dBW/kg

Test Plot 177#: AUX WLAN 5.2G_ Head Right Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

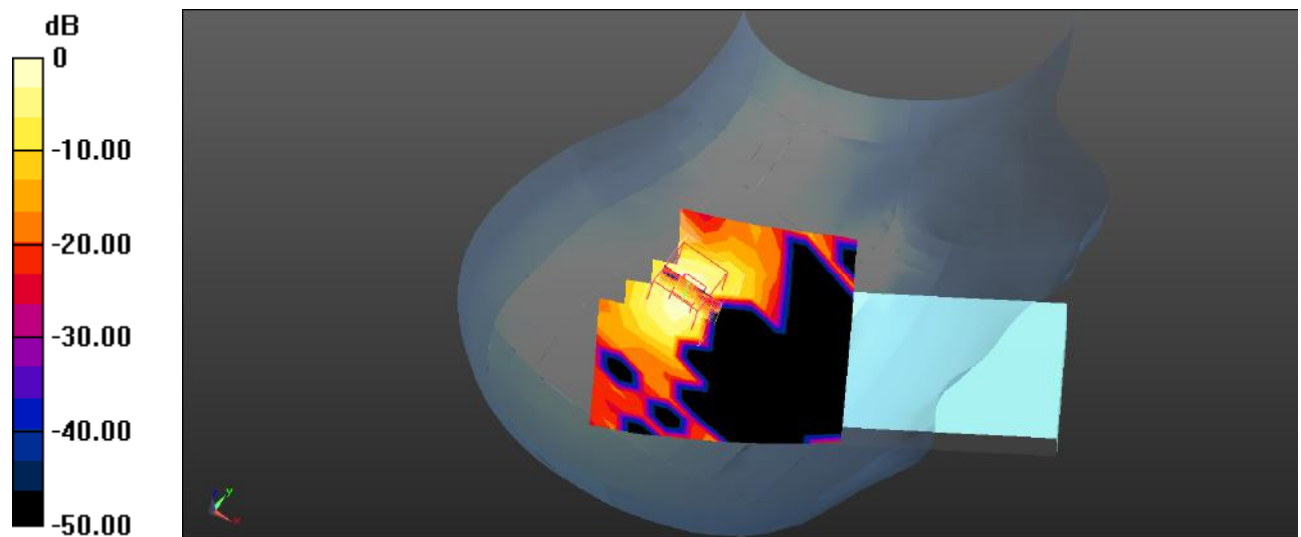
Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.179 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 8.317 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 0.344 W/kg **SAR(1 g) = 0.115 W/kg ; SAR(10 g) = 0.039 W/kg** Maximum value of SAR (measured) = 0.216 W/kg  $0 \text{ dB} = 0.216 \text{ W/kg} = -6.66 \text{ dBW/kg}$

Test Plot 178#: AUX WLAN 5.2G_ Head Right Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

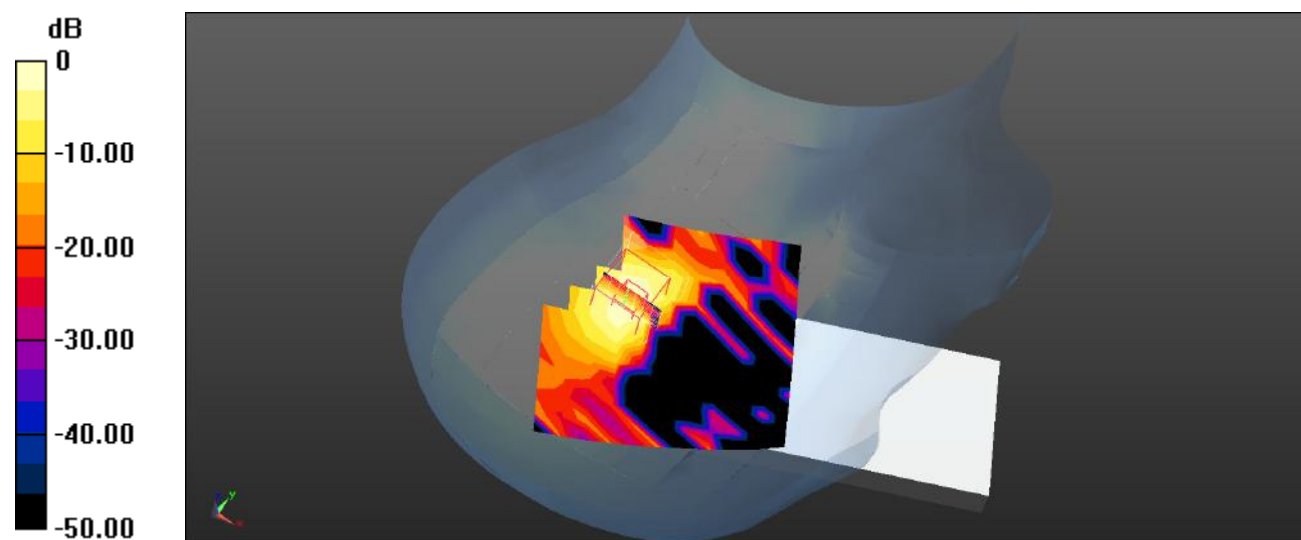
Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.245 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 7.114 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 0.506 W/kg **SAR(1 g) = 0.162 W/kg ; SAR(10 g) = 0.055 W/kg** Maximum value of SAR (measured) = 0.287 W/kg  $0 \text{ dB} = 0.287 \text{ W/kg} = -5.42 \text{ dBW/kg}$

Test Plot 179#: AUX WLAN 5.2G_ Body Front _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (13x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0561 W/kg

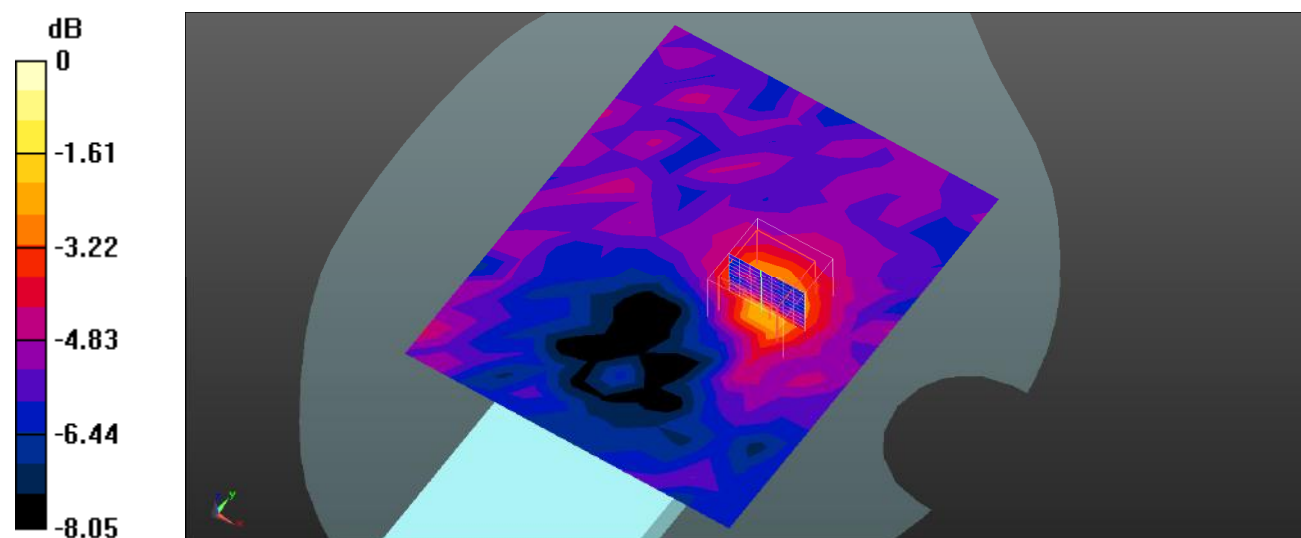
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.038 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg = -10.75 dBW/kg

Test Plot 180#: AUX WLAN 5.2G_ Body Back _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (13x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0688 W/kg

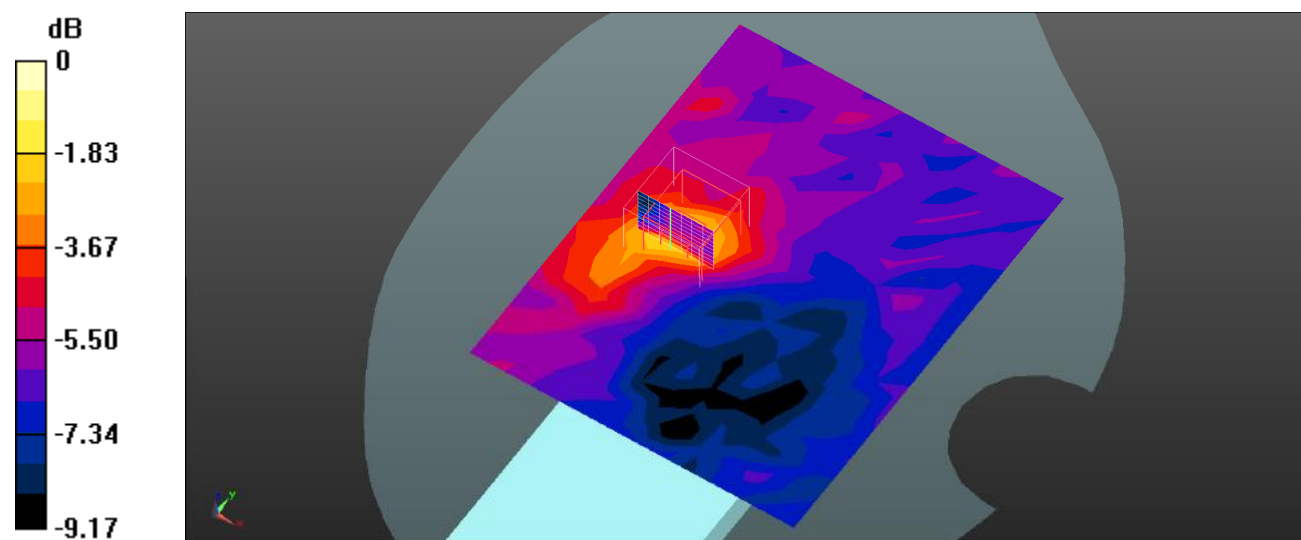
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.007 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0993 W/kg



Test Plot 181#: AUX WLAN 5.2G_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 35.448$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (9x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0581 W/kg

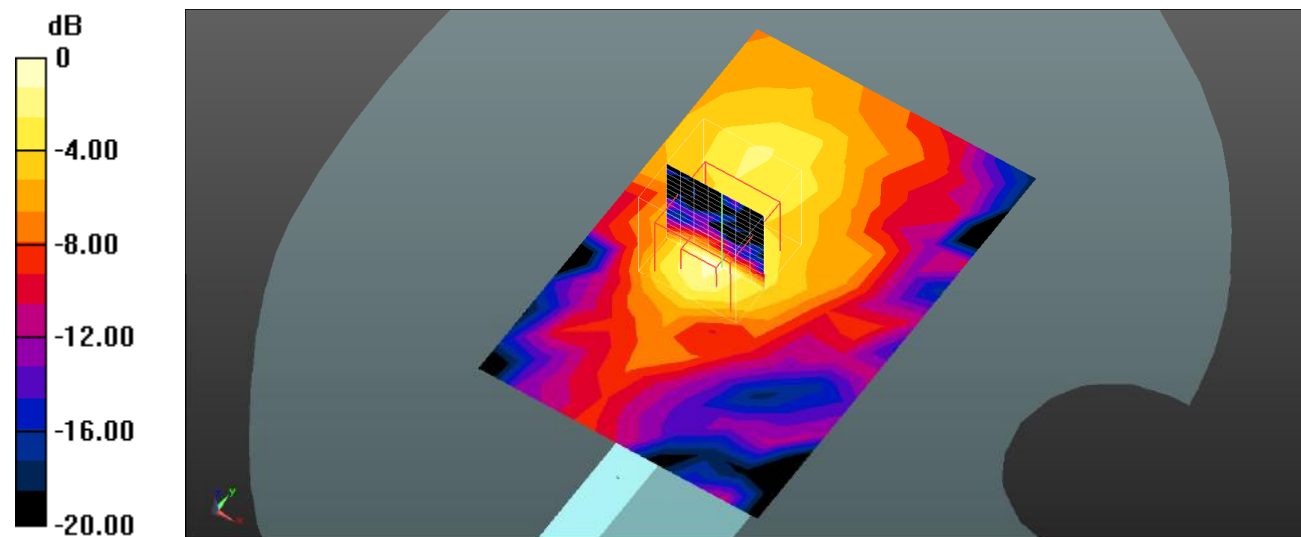
Zoom Scan (8x8x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.950 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0605 W/kg



0 dB = 0.0605 W/kg = -12.18 dBW/kg

Test Plot 182#: AUX WLAN 5.2G_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5200$ MHz; $\sigma = 4.616$ S/m; $\epsilon_r = 35.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.121 W/kg

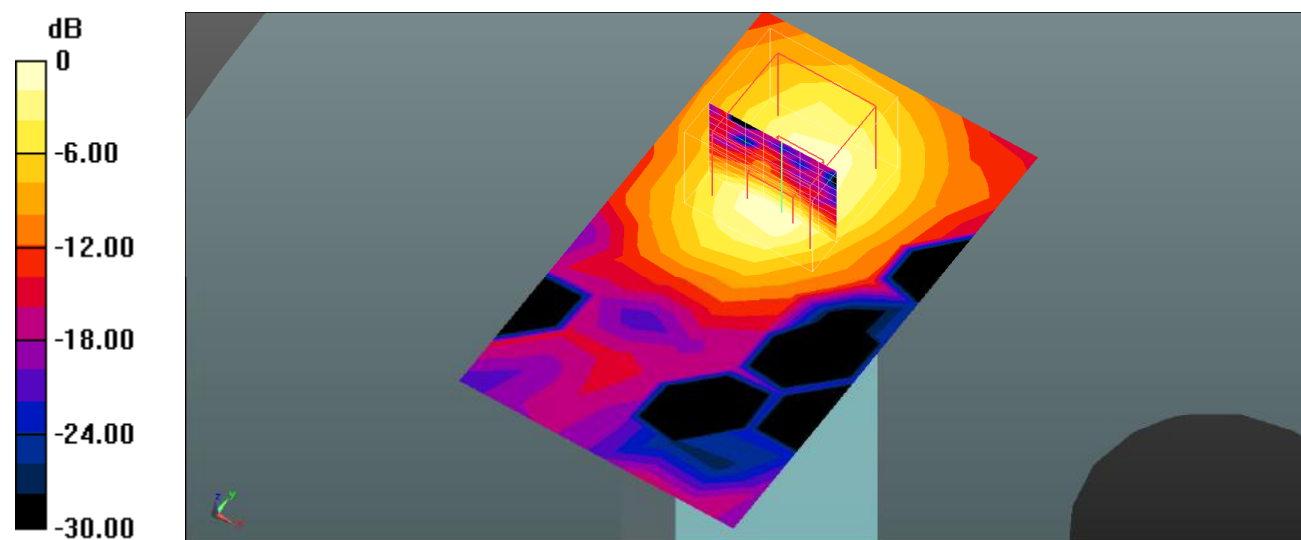
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.843 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

Test Plot 183#: AUX WLAN 5.8G_ Head Left Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.162 W/kg

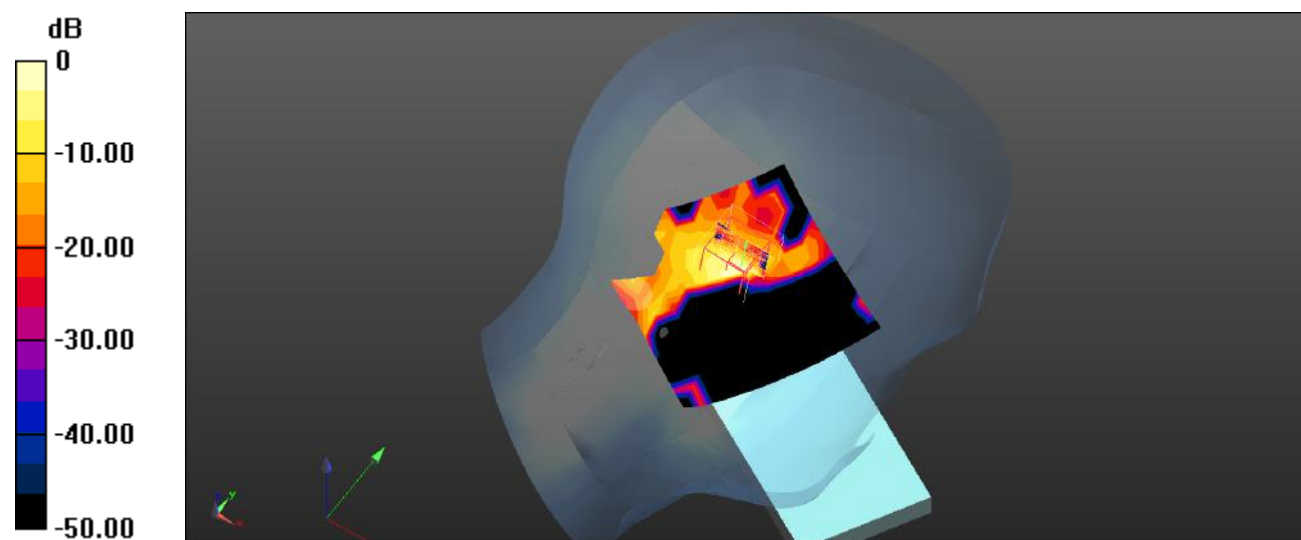
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.555 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

Test Plot 184#: AUX WLAN 5.8G_ Head Left Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.200 W/kg

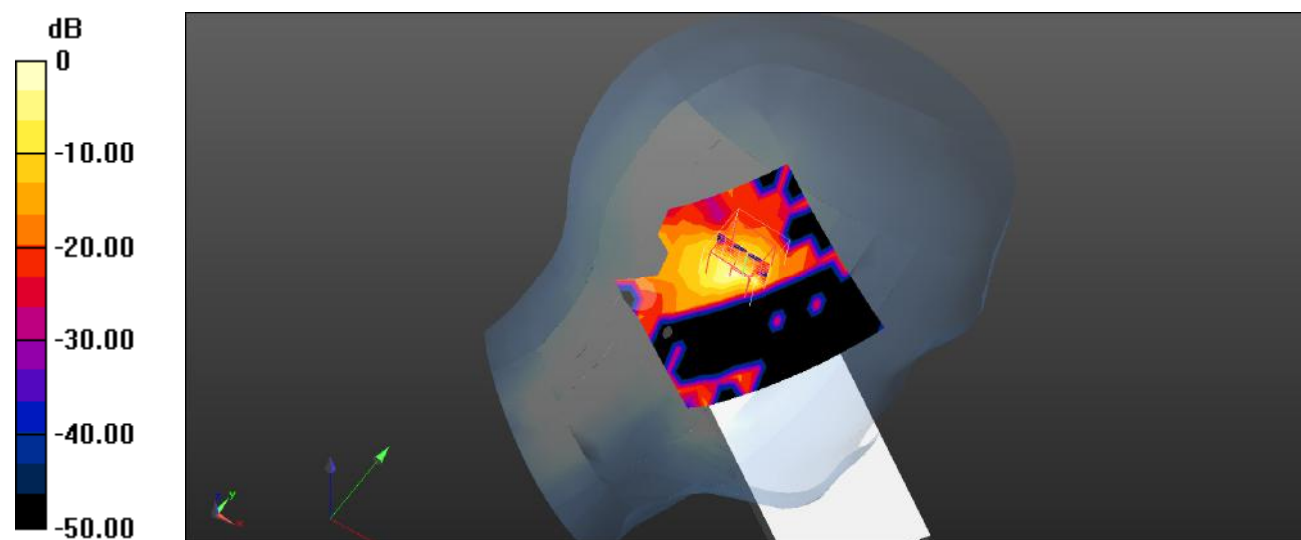
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.888 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

Test Plot 185#: AUX WLAN 5.8G_ Head Right Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.209 W/kg

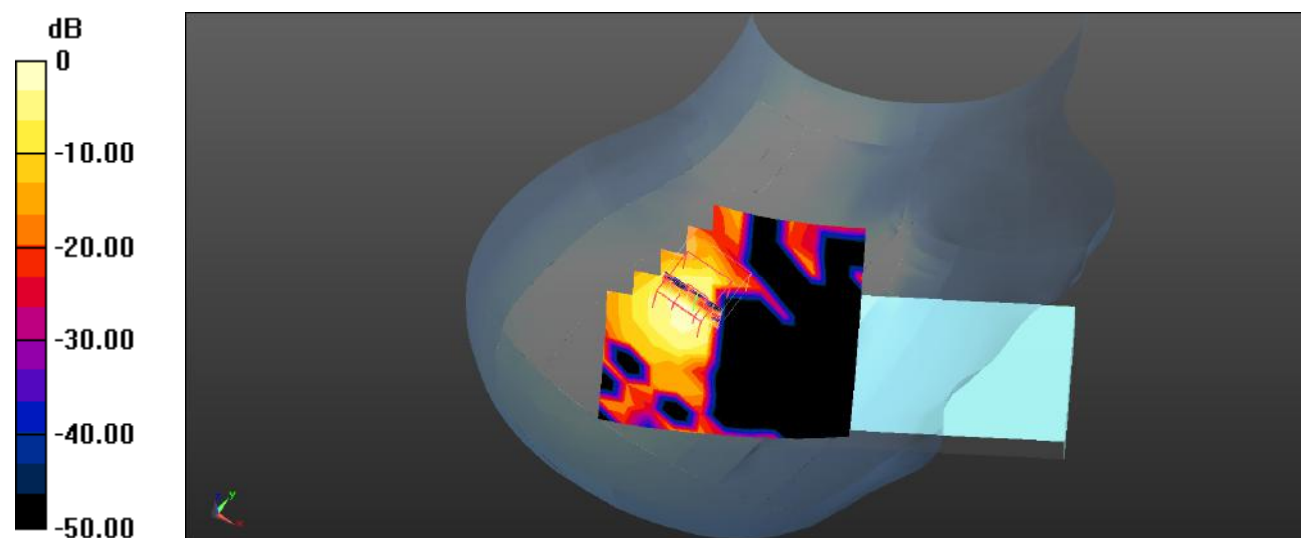
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.226 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

Test Plot 186#: AUX WLAN 5.8G_ Head Right Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.232 W/kg

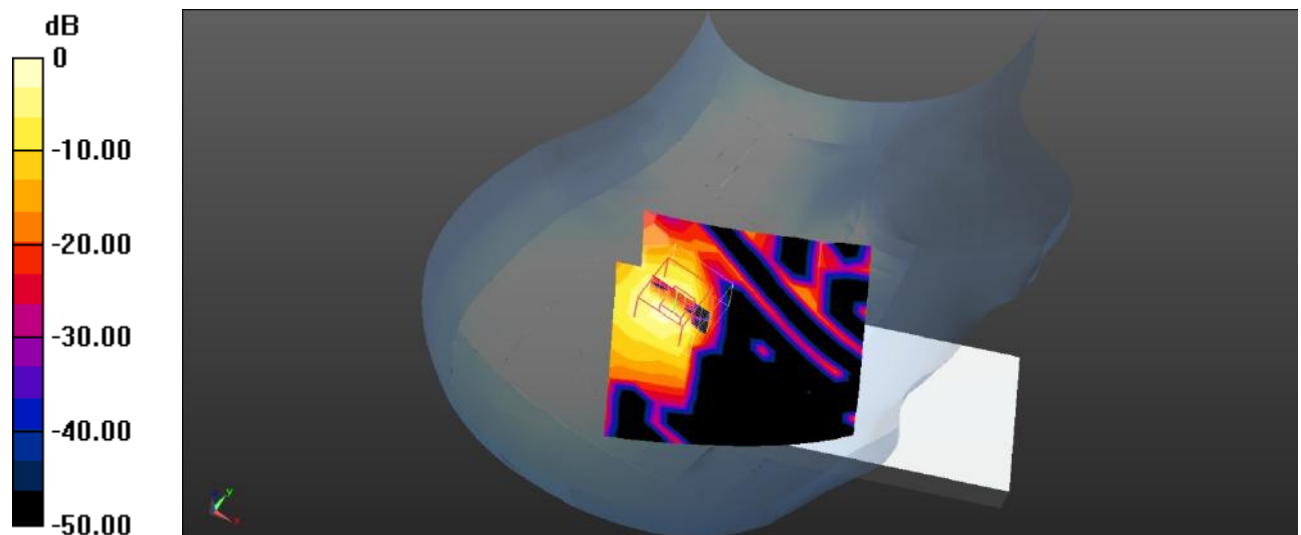
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.145 V/m; Power Drift = 3.26 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.347 W/kg



Test Plot 187#: AUX WLAN 5.8G_ Body Front _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0330 W/kg

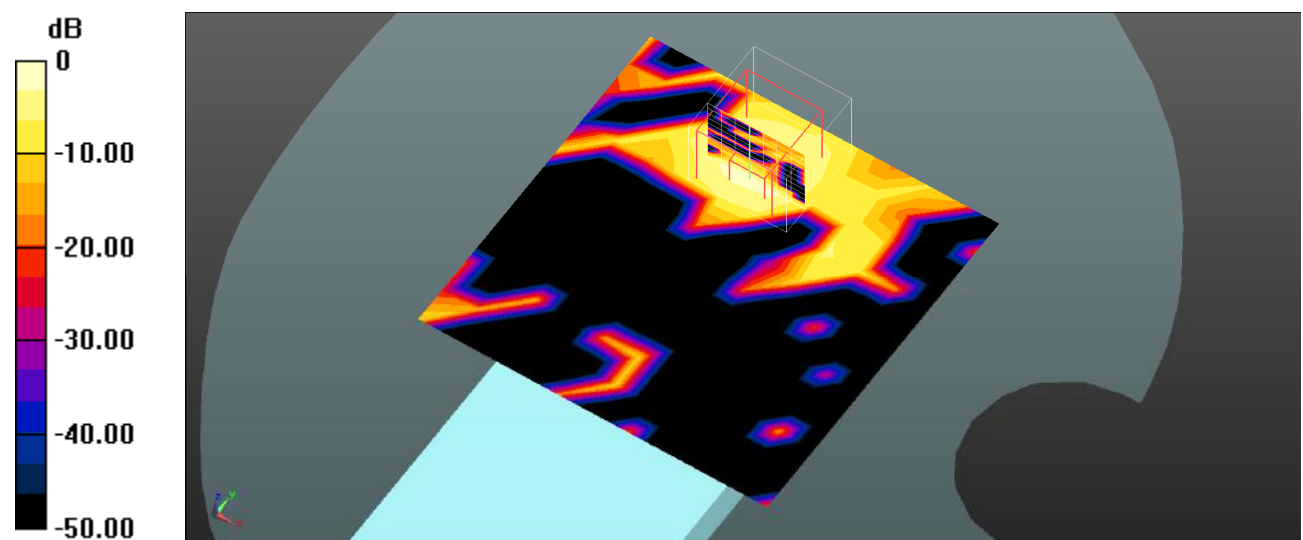
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.245 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00471 W/kg

Maximum value of SAR (measured) = 0.0353 W/kg



0 dB = 0.0353 W/kg = -14.52 dBW/kg

Test Plot 188#: AUX WLAN 5.8G_ Body Back _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0261 W/kg

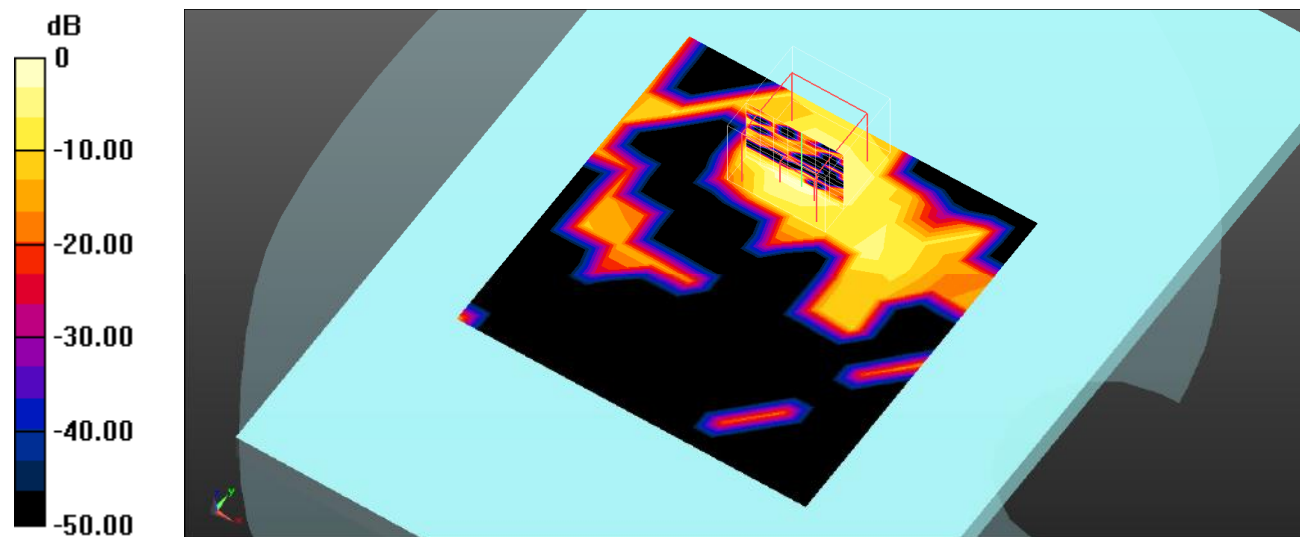
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.292 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00454 W/kg

Maximum value of SAR (measured) = 0.0319 W/kg



0 dB = 0.0319 W/kg = -14.96 dBW/kg

Test Plot 189#: AUX WLAN 5.8G_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0138 W/kg

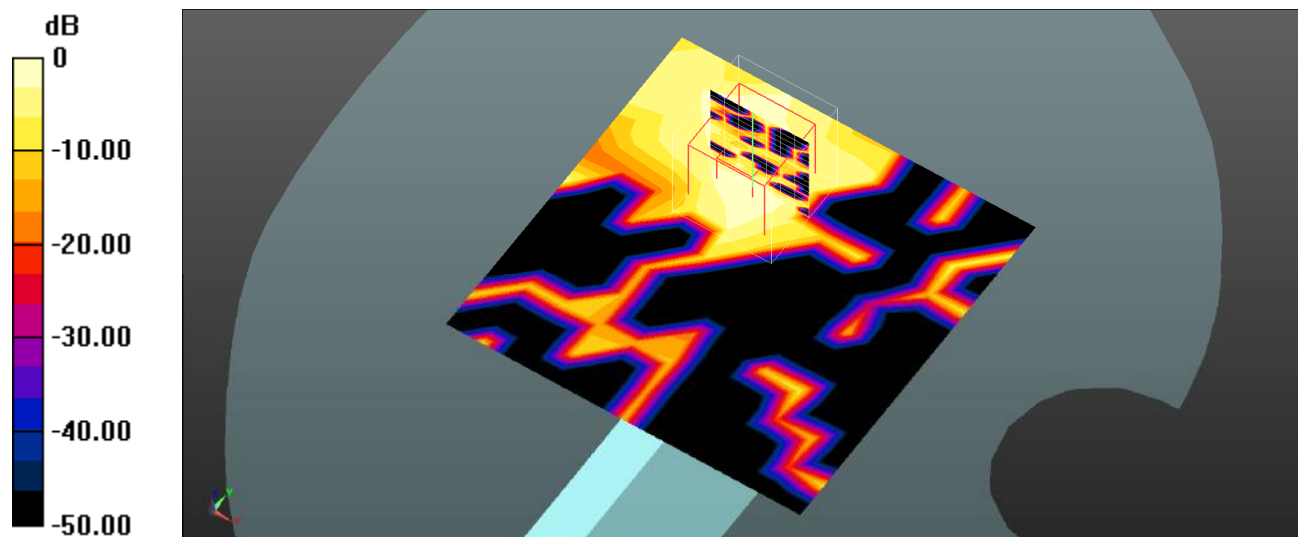
Zoom Scan (8x8x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.117 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.00767 W/kg; SAR(10 g) = 0.0023 W/kg

Maximum value of SAR (measured) = 0.0137 W/kg



0 dB = 0.0137 W/kg = -18.63 dBW/kg

Test Plot 190#: AUX WLAN 5.8G_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.496$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.83, 4.83, 4.83) @ 5785 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.147 W/kg

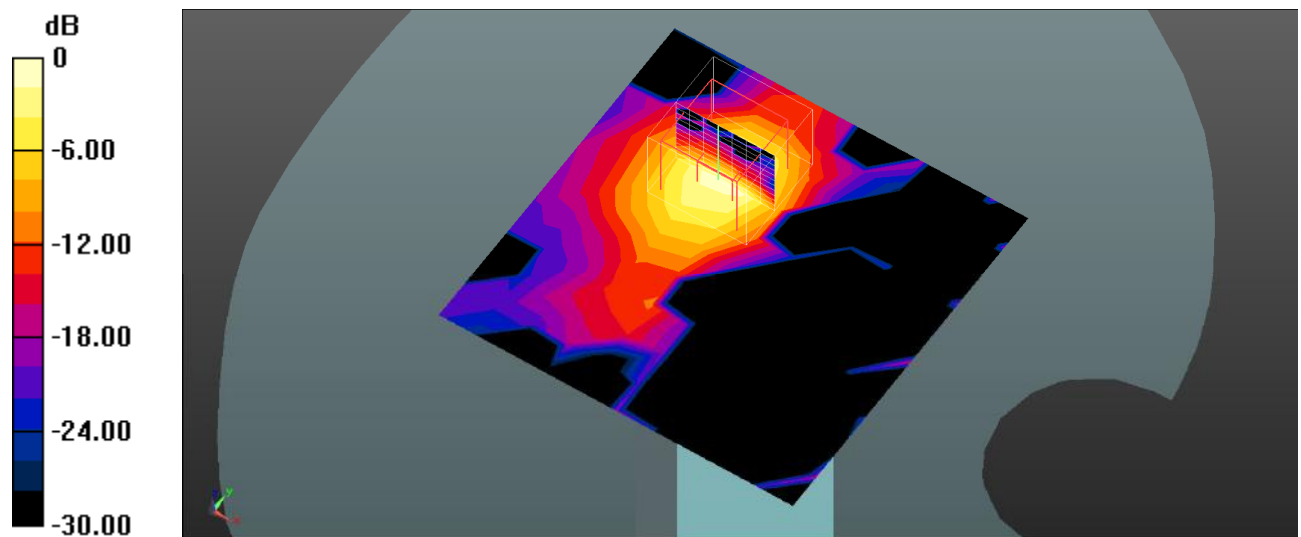
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.118 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

Test Plot 191#: AUX Bluetooth_ Head Left Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00554 W/kg

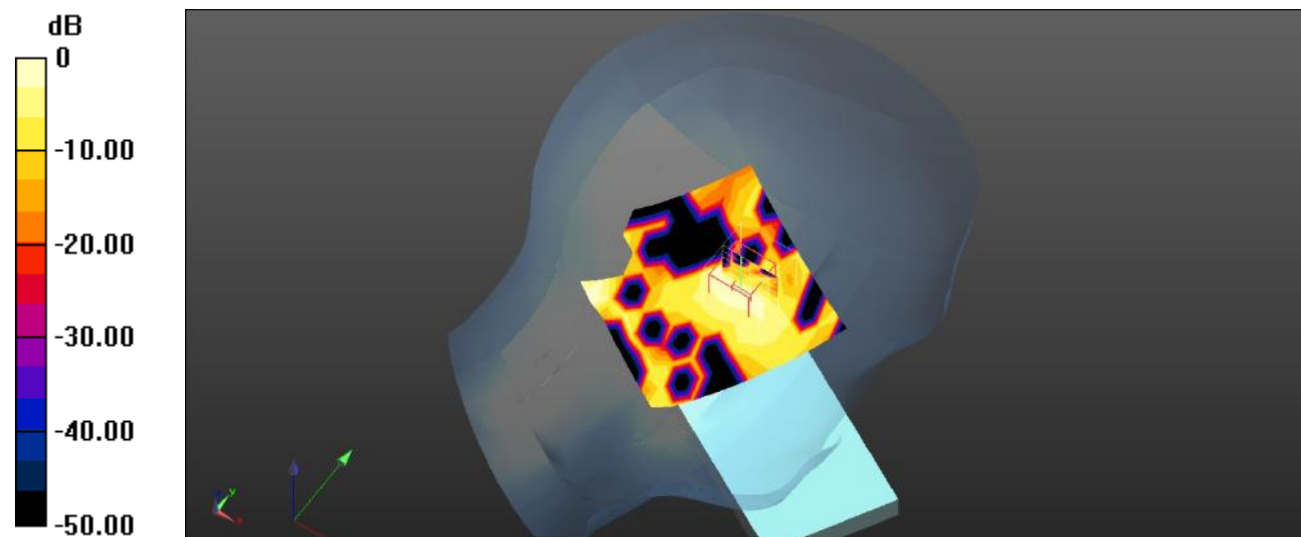
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.655 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.00571 W/kg; SAR(10 g) = 0.00183 W/kg

Maximum value of SAR (measured) = 0.00609 W/kg



Test Plot 192#: AUX Bluetooth_ Head Left Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00814 W/kg

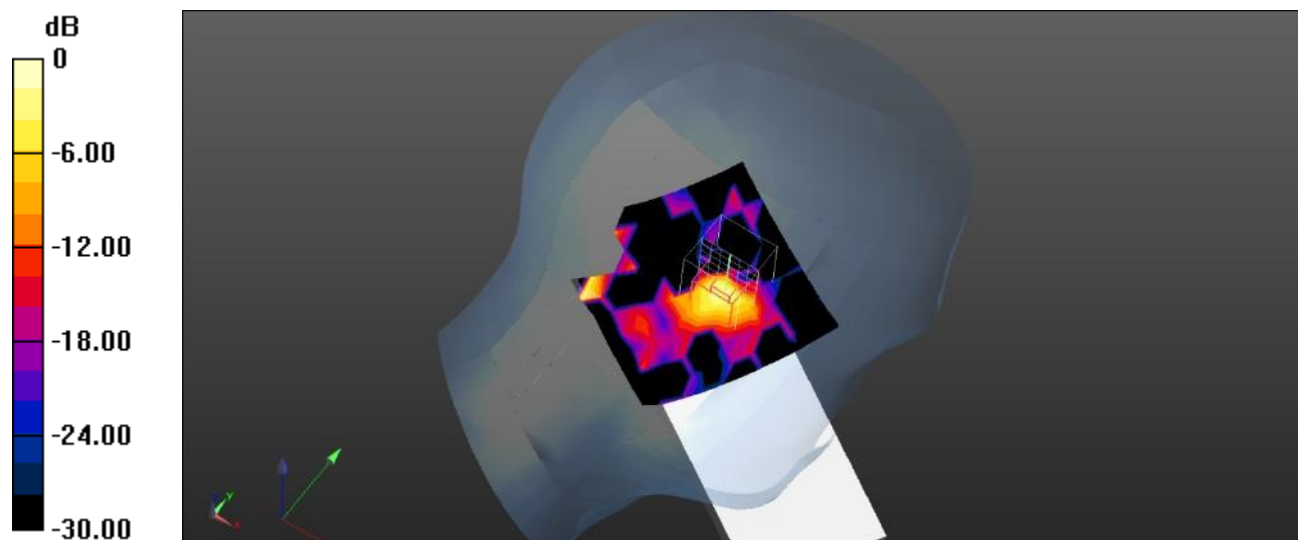
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.446 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00294 W/kg

Maximum value of SAR (measured) = 0.0161 W/kg



0 dB = 0.0161 W/kg = -17.93 dBW/kg

Test Plot 193#: AUX Bluetooth_ Head Right Cheek _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00336 W/kg

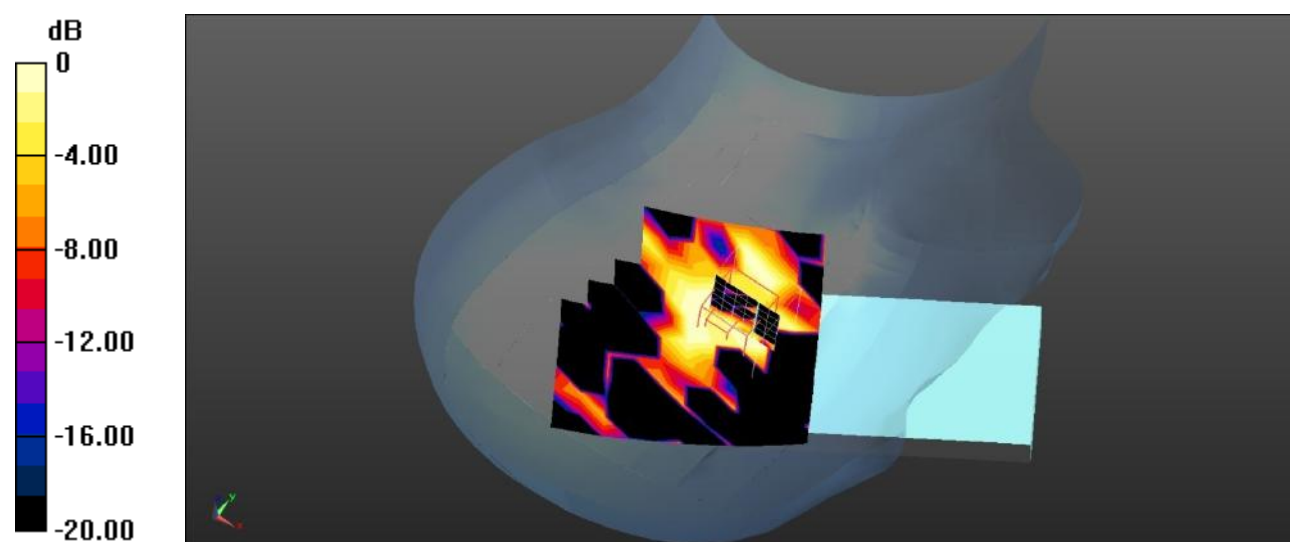
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.007 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00191 W/kg; SAR(10 g) = 0.000302 W/kg

Maximum value of SAR (measured) = 0.00269 W/kg



0 dB = 0.00269 W/kg = -25.70 dBW/kg

Test Plot 194#: AUX Bluetooth_ Head Right Tilt _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00340 W/kg

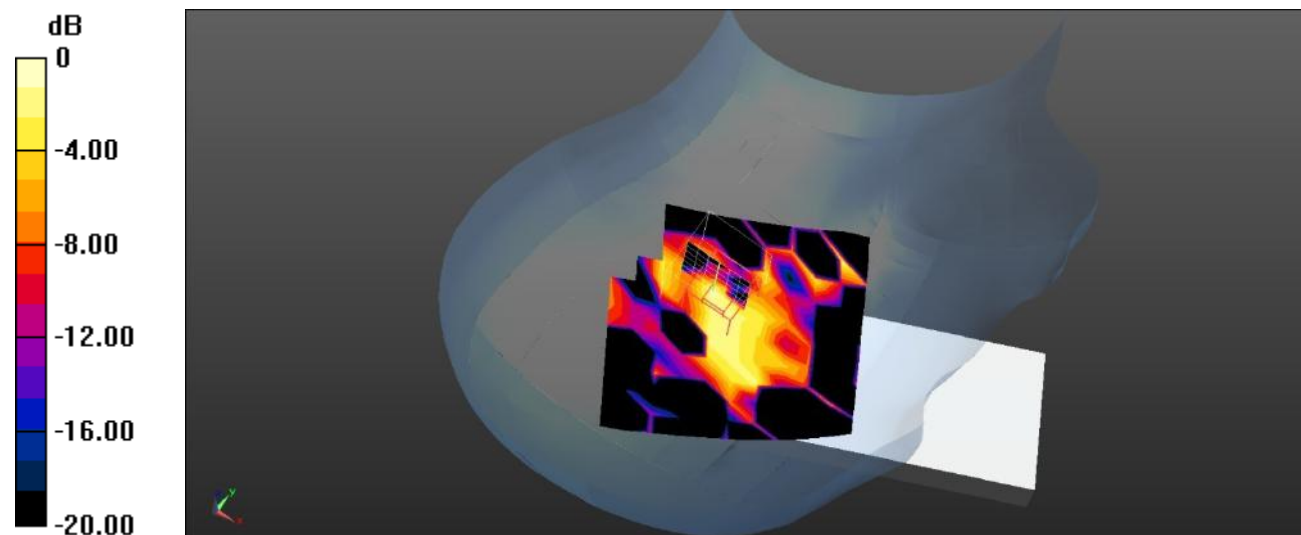
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.052 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.00327 W/kg; SAR(10 g) = 0.000775 W/kg

Maximum value of SAR (measured) = 0.00418 W/kg



0 dB = 0.00418 W/kg = -23.79 dBW/kg

Test Plot 195#: AUX Bluetooth_ Body Front _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00922 W/kg

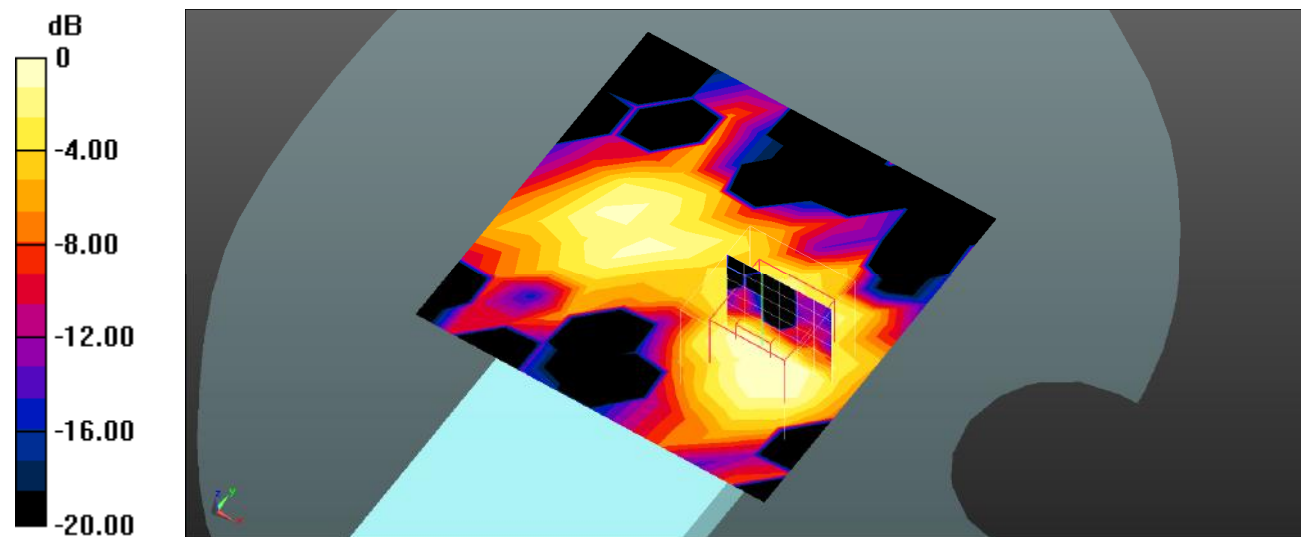
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.393 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.00657 W/kg; SAR(10 g) = 0.00279 W/kg

Maximum value of SAR (measured) = 0.00783 W/kg



0 dB = 0.00783 W/kg = -21.06 dBW/kg

Test Plot 196#: AUX Bluetooth_ Body Back _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00265 W/kg

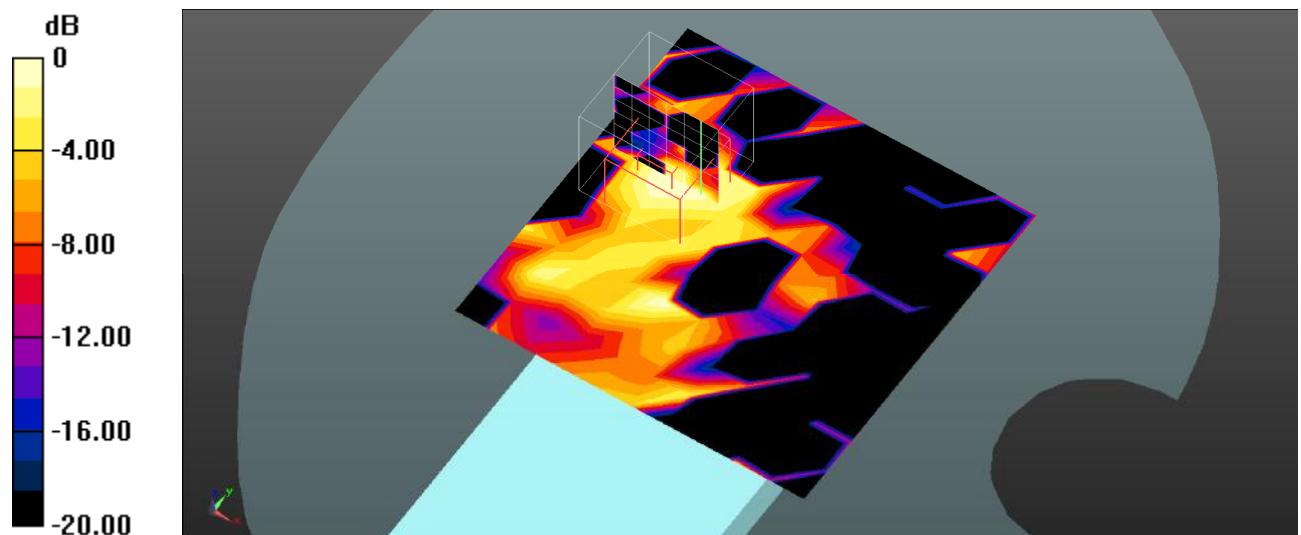
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.462 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.00578 W/kg

SAR(1 g) = 0.00074 W/kg; SAR(10 g) = 0.00016 W/kg

Maximum value of SAR (measured) = 0.00228 W/kg



0 dB = 0.00228 W/kg = -26.42 dBW/kg

Test Plot 197#: AUX Bluetooth_ Body Right _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz;Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211;Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0138 W/kg

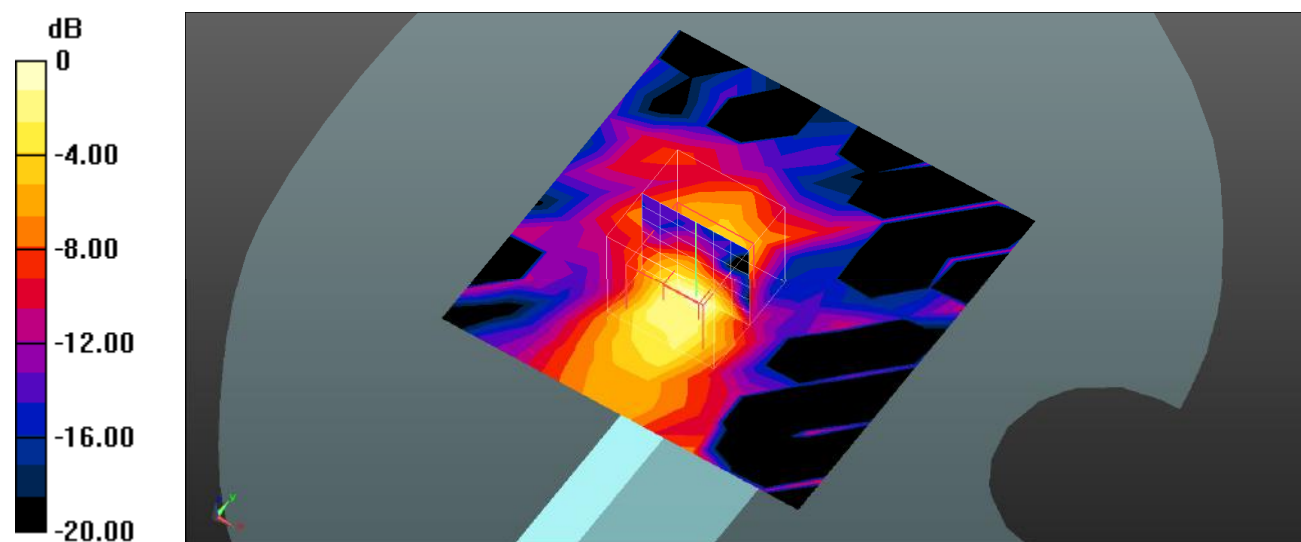
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.783 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.0062 W/kg

Maximum value of SAR (measured) = 0.0173 W/kg



0 dB = 0.0173 W/kg = -17.62 dBW/kg

Test Plot 198#: AUX Bluetooth_ Body Top _Middle**DUT: Mobile Phone; Type: X678B; Serial: RA230116-02640E-SA-S1;**

Communication System: UID 0, Bluetooth(GFSK) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30310

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.54, 7.54, 7.54) @ 2441 MHz; Calibrated: 2022/05/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1211; Calibrated: 2022/03/01
- Phantom: Twin SAM-1; Type: QD000P40CD; Serial: 1744
- Measurement SW: DASY52, Version 52.10.2; SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.00583 W/kg

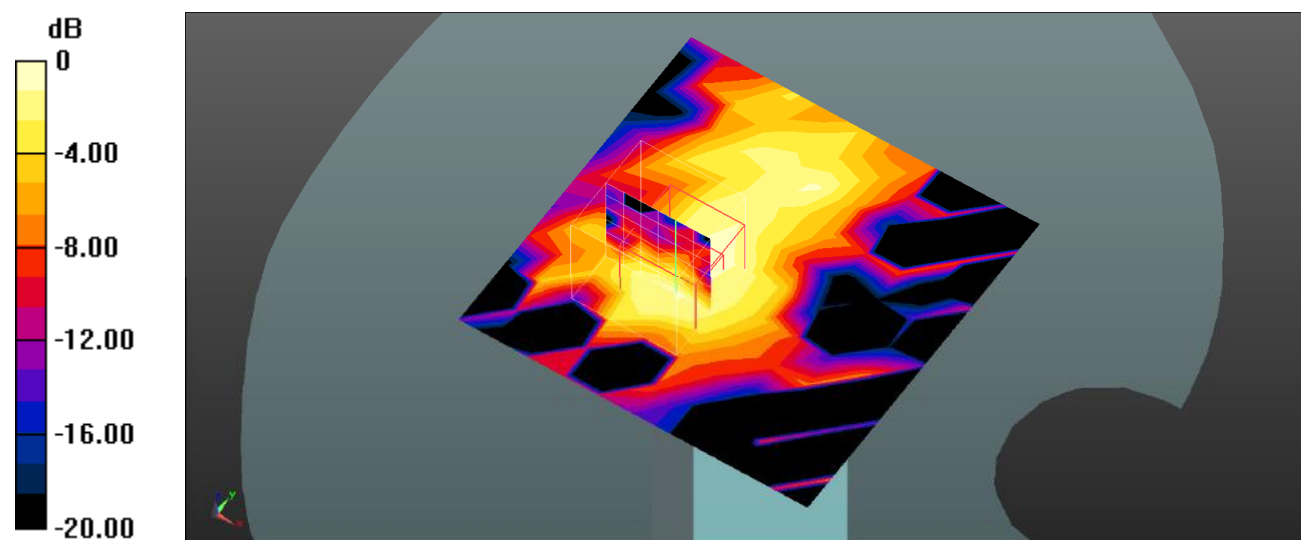
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.330 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.00975 W/kg

SAR(1 g) = 0.00518 W/kg; SAR(10 g) = 0.00277 W/kg

Maximum value of SAR (measured) = 0.00589 W/kg



0 dB = 0.00589 W/kg = -22.30 dBW/kg