

Plot 1#: GSM 850_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.632 W/kg

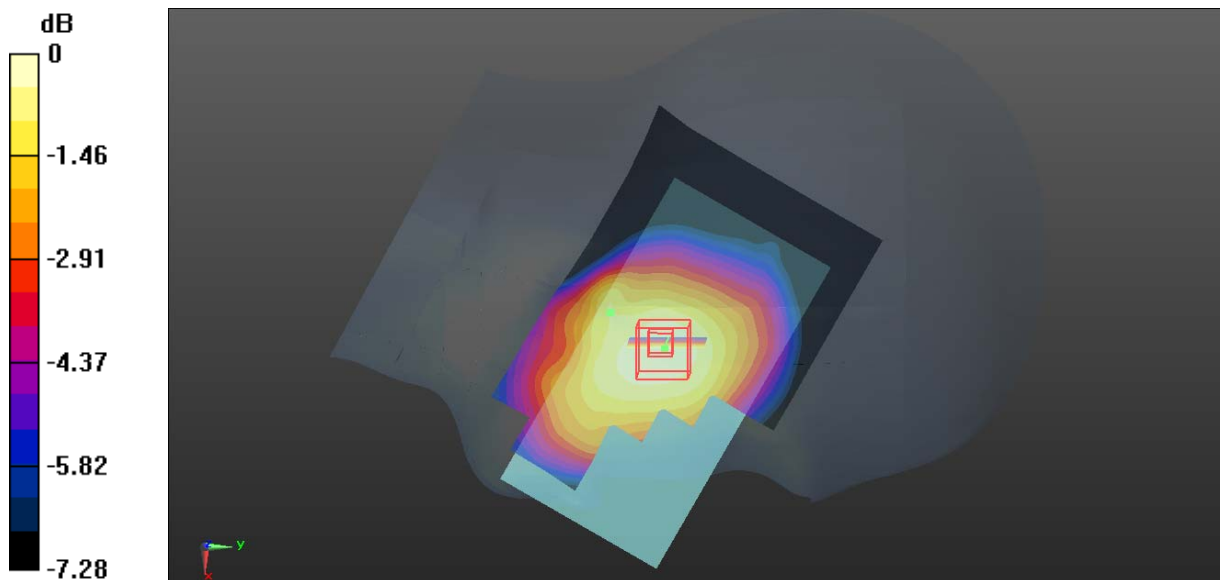
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.324 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 0.632 W/kg



0 dB = 0.632 W/kg = -1.99 dBW/kg

Plot 2#: GSM 850_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

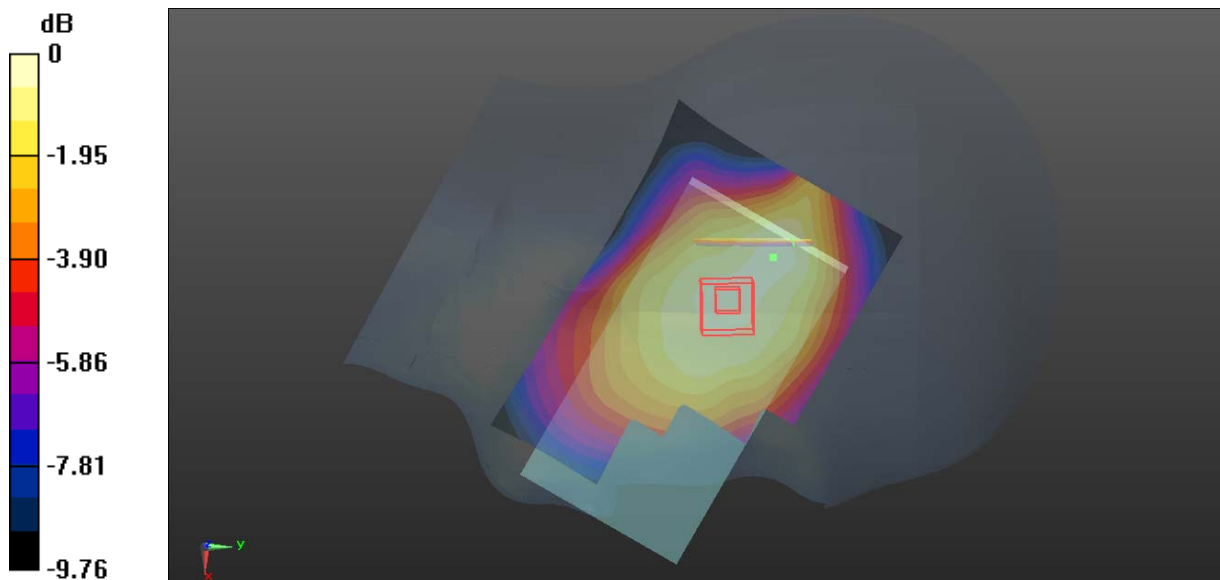
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.16 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.188 W/kg

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



0 dB = 0.300 W/kg = -5.23 dBW/kg

Plot 3#: GSM 850_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.574 W/kg

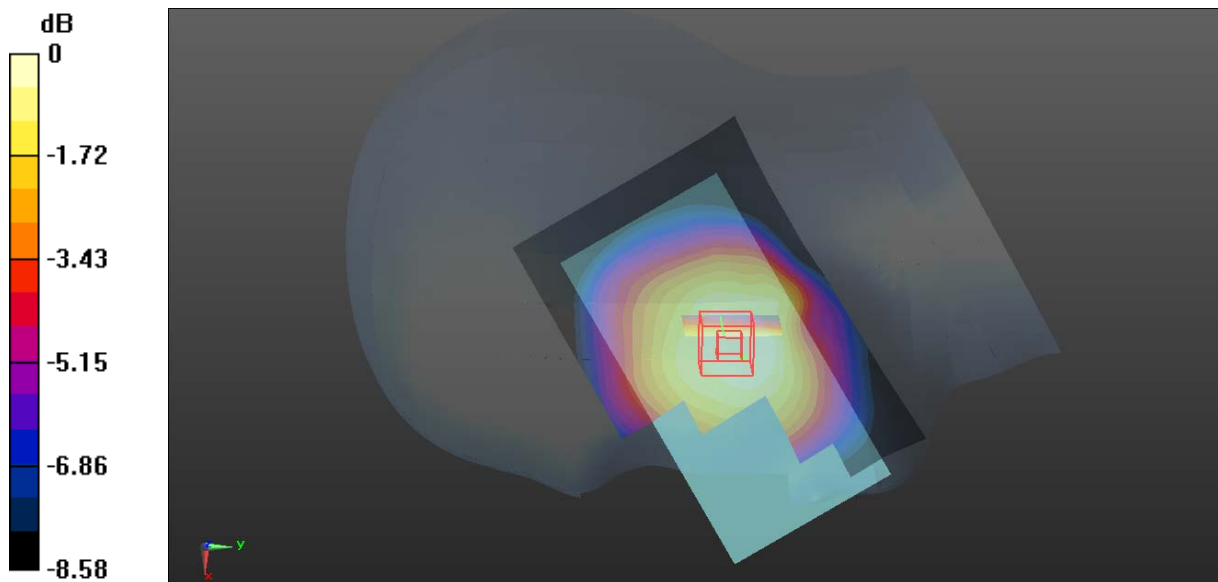
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.510 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.572 W/kg = -2.43 dBW/kg

Plot 4#: GSM 850_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.339 W/kg

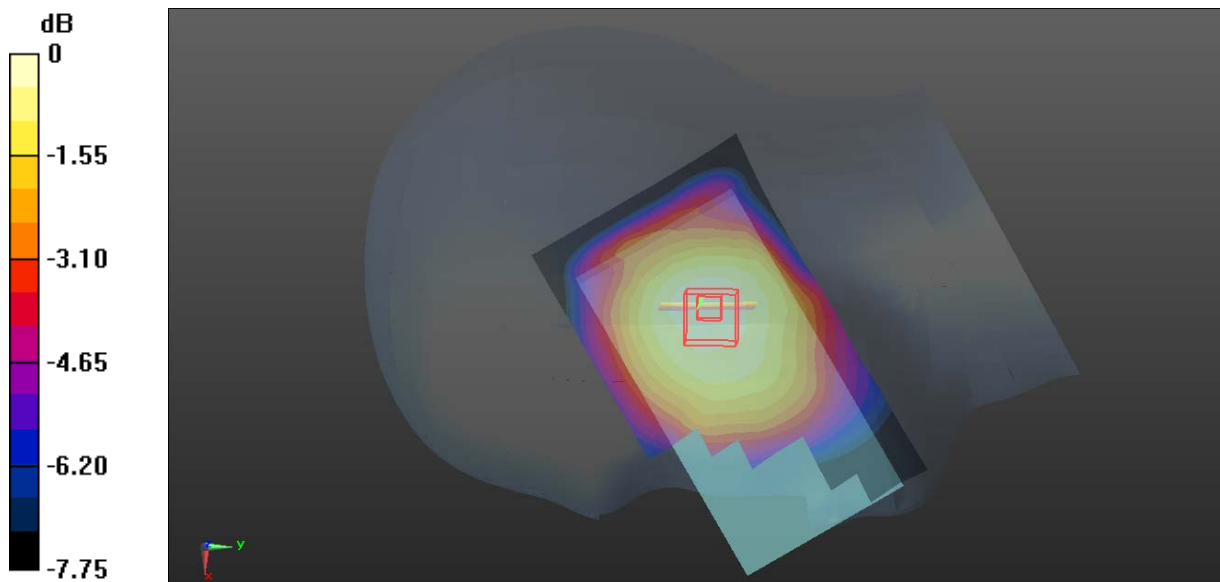
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.61 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.233 W/kg

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



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

Plot 5#: GSM 850_Mid_Body Worn Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.732 W/kg

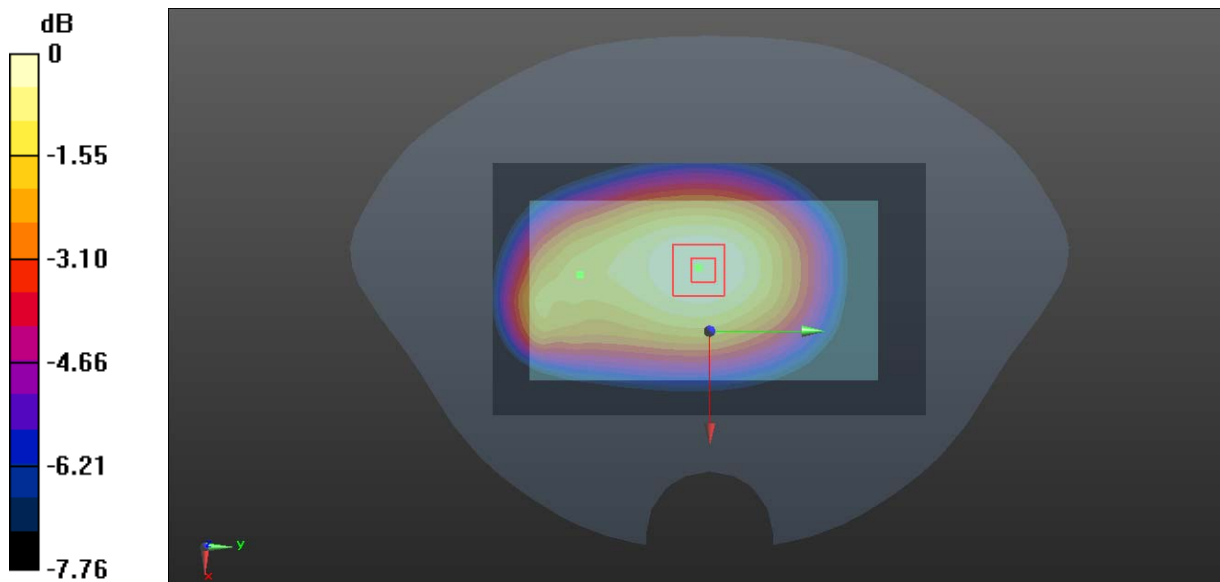
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.64 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.460 W/kg

Maximum value of SAR (measured) = 0.738 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

Plot 6#:GSM 850_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.380 W/kg

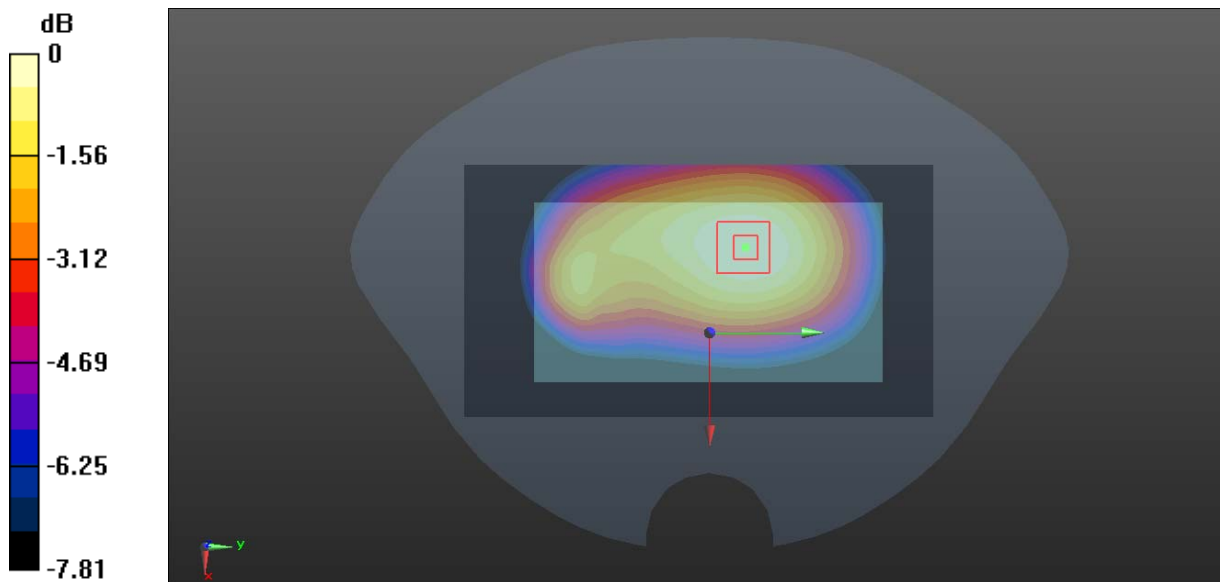
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.72 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

Plot 7#: GSM 850_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

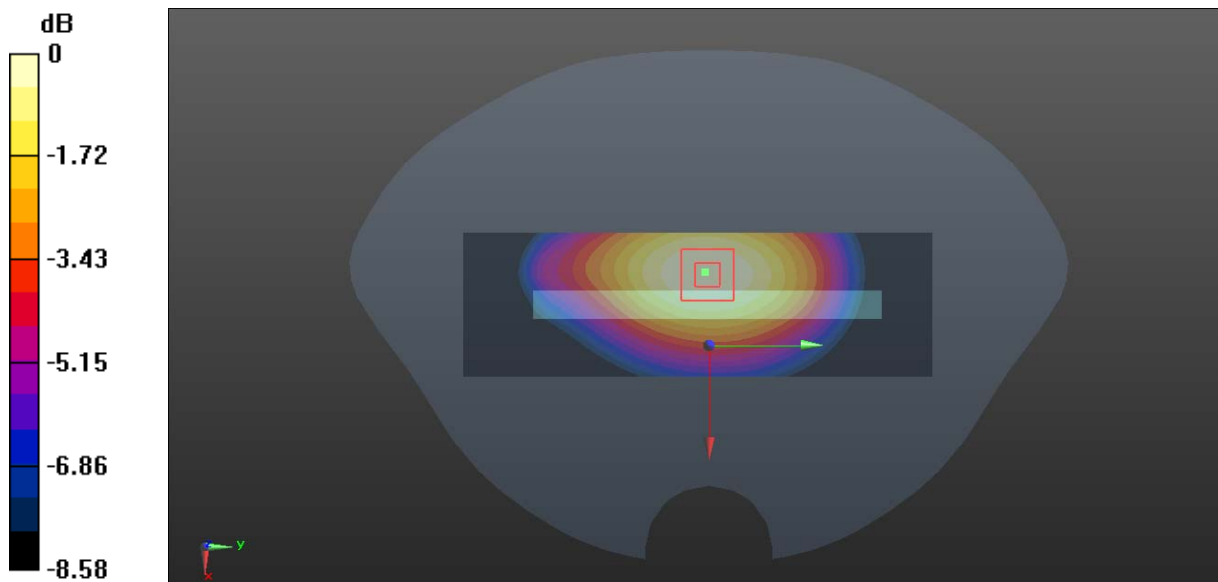
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.67 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

Plot 8#: GSM 850_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.604 W/kg

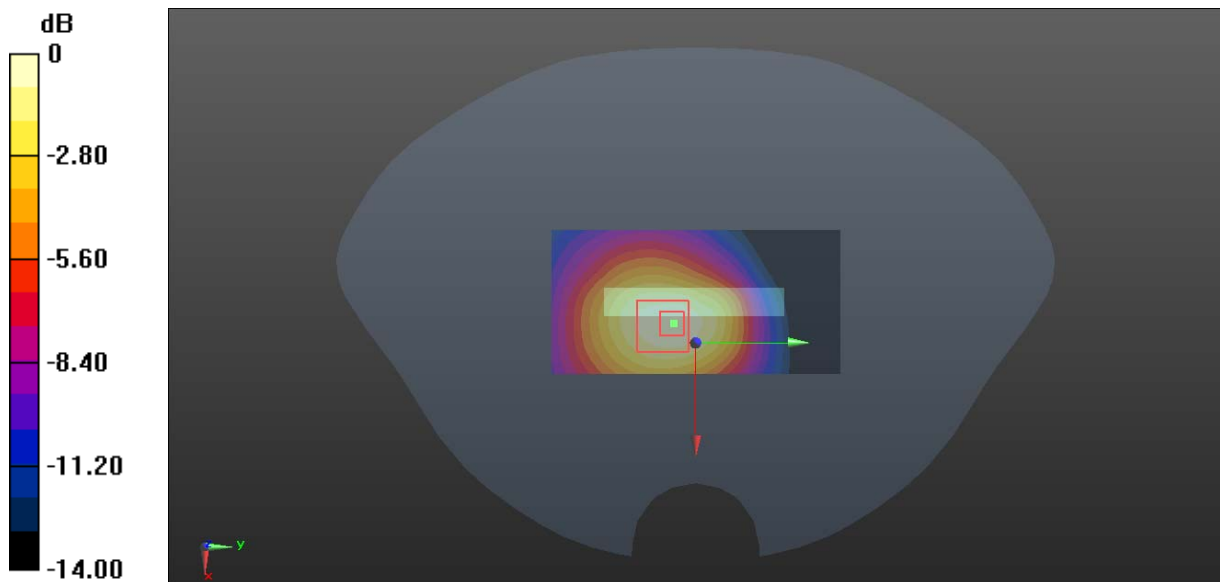
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.74 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg

Plot 9#:PCS 1900_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

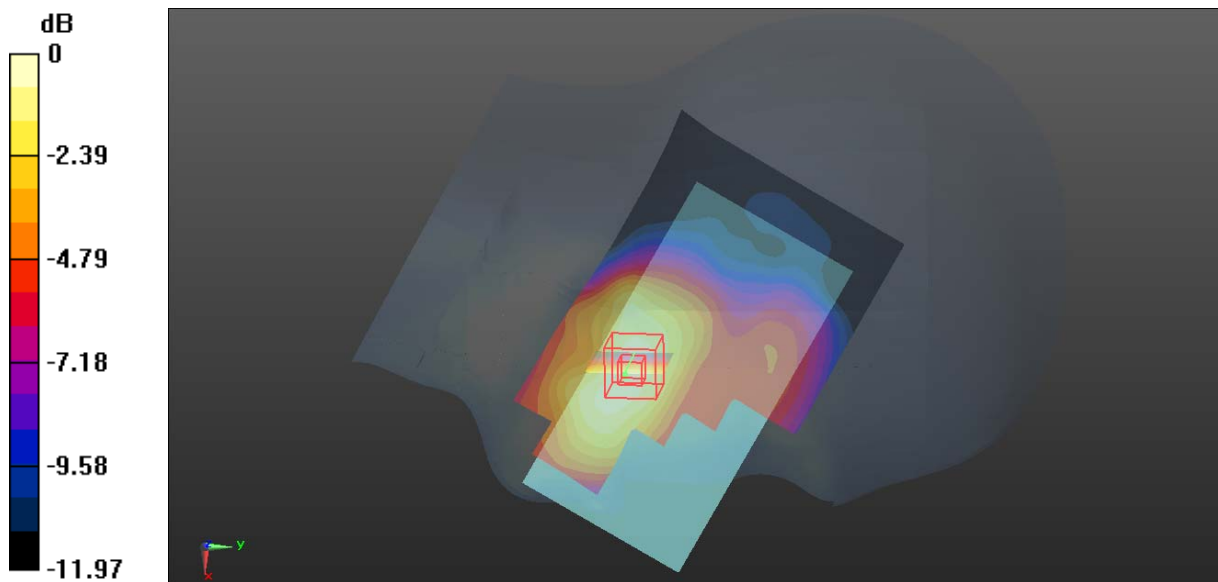
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.610 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

Plot 10#: PCS 1900_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0467 W/kg

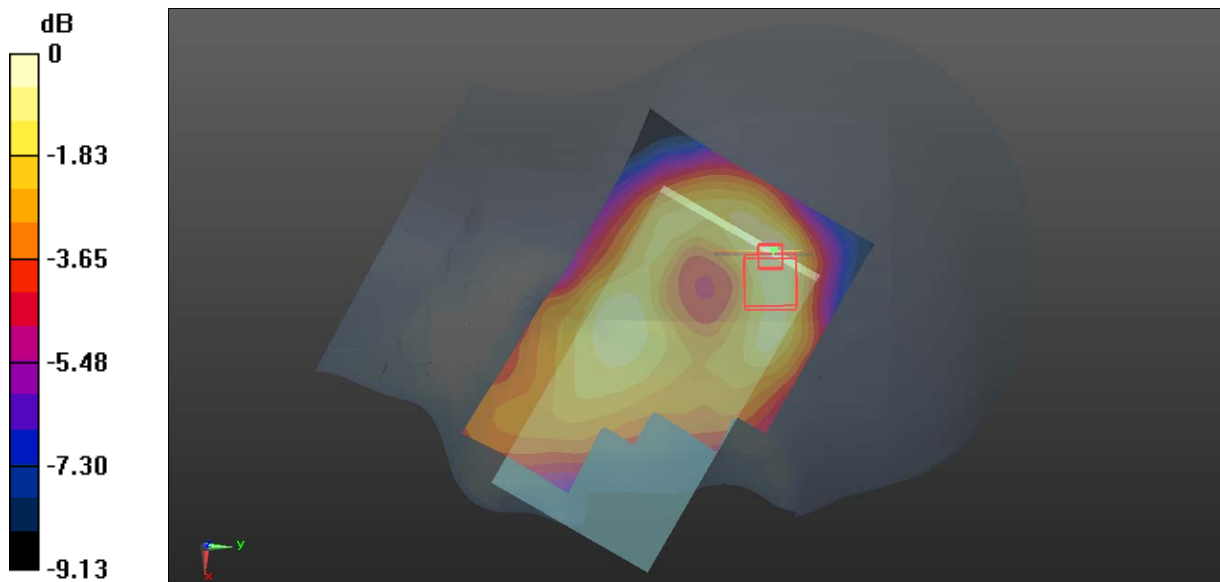
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.795 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0513 W/kg



0 dB = 0.0513 W/kg = -12.90 dBW/kg

Plot 11#: PCS 1900_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

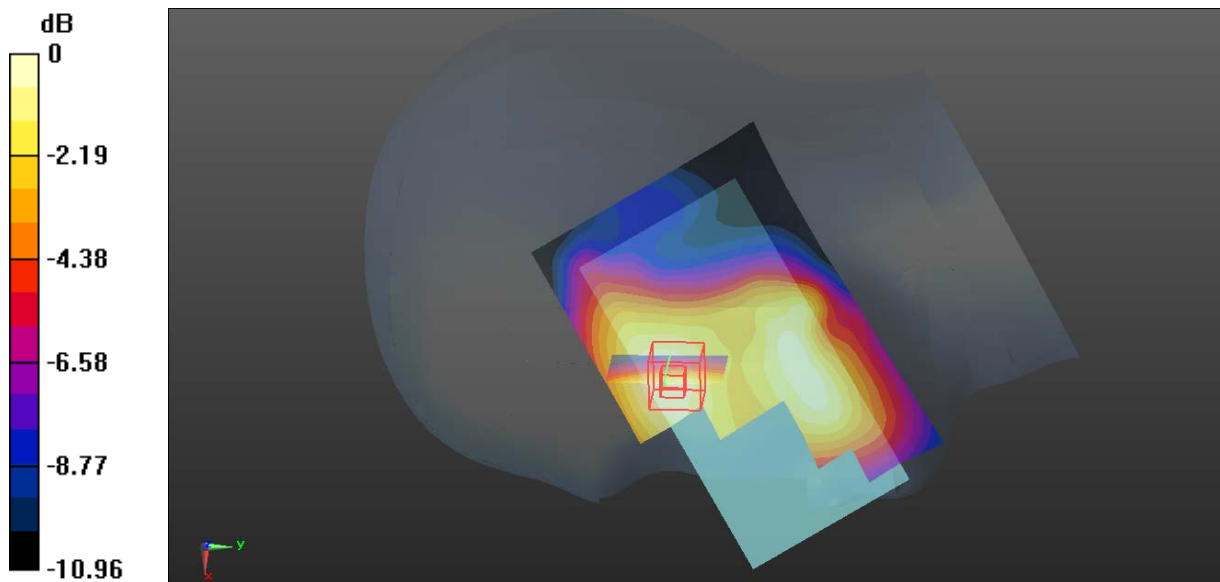
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.436 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

Plot 12#: PCS 1900_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0585 W/kg

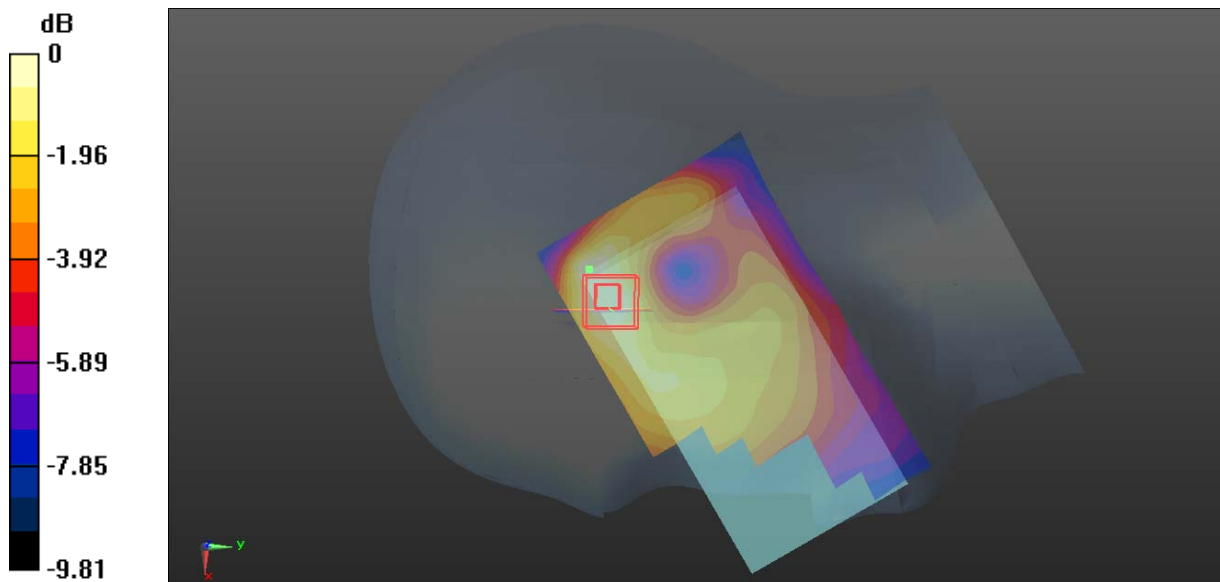
Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.236 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.028 W/kg

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



0 dB = 0.0581 W/kg = -12.36 dBW/kg

Plot 13#: PCS 1900_Mid_Body Worn Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.590 W/kg

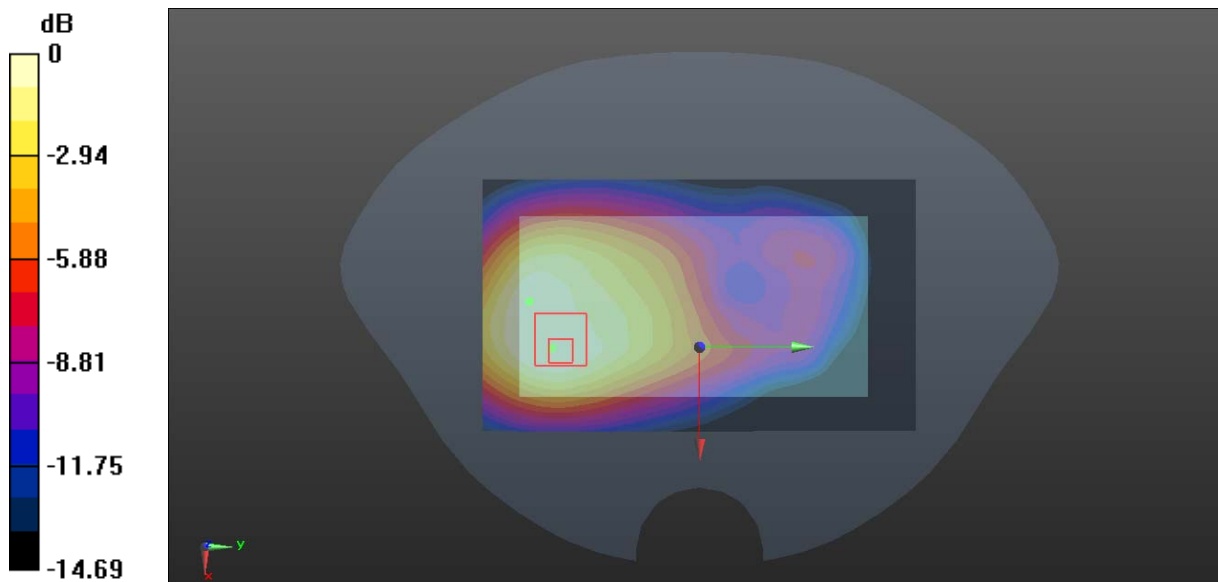
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.595 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg = -2.58 dBW/kg

Plot 14#: PCS 1900_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GPRS-2 slots; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.521 W/kg

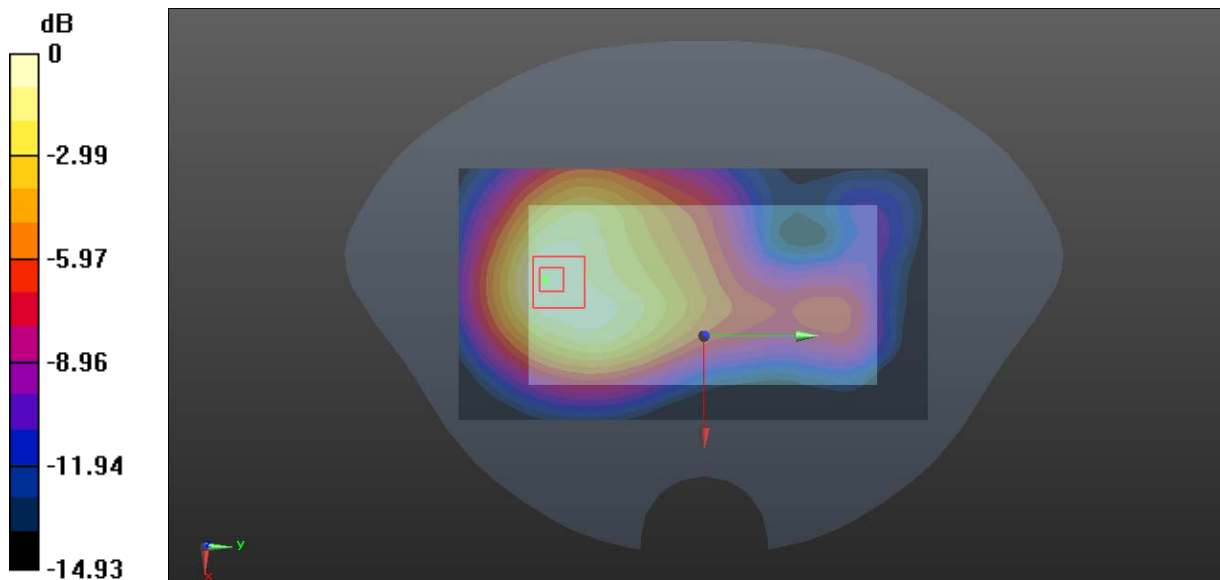
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.06 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

Plot 15#:PCS 1900_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GPRS-2 slots; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (41x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.227 W/kg

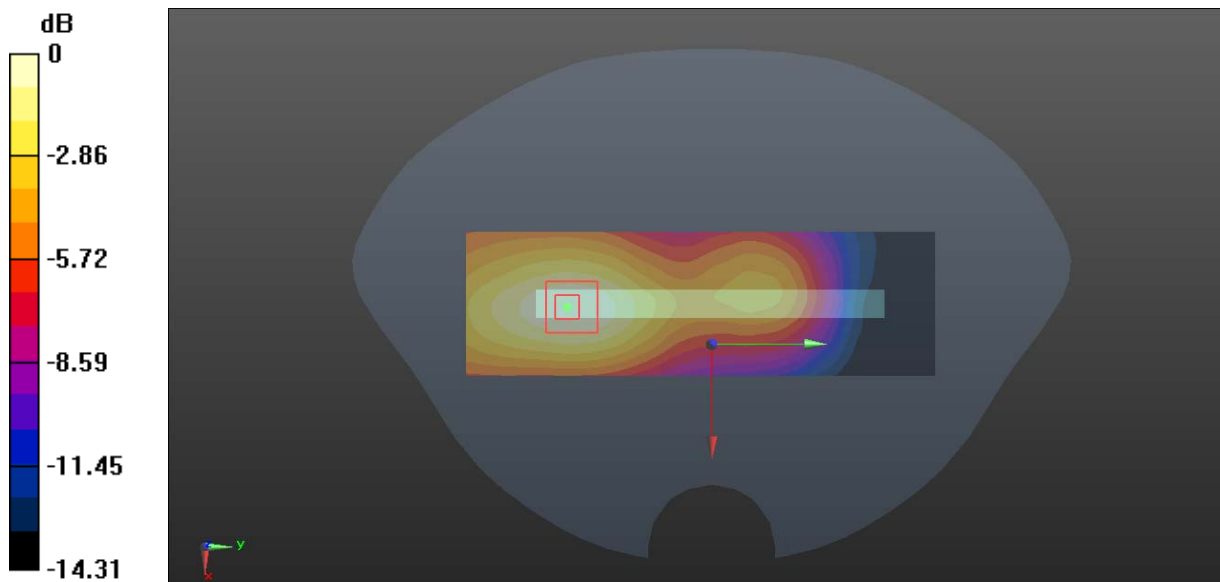
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.226 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.126 W/kg

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



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

Plot 16#: PCS 1900_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic GPRS-2 slots; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.808 W/kg

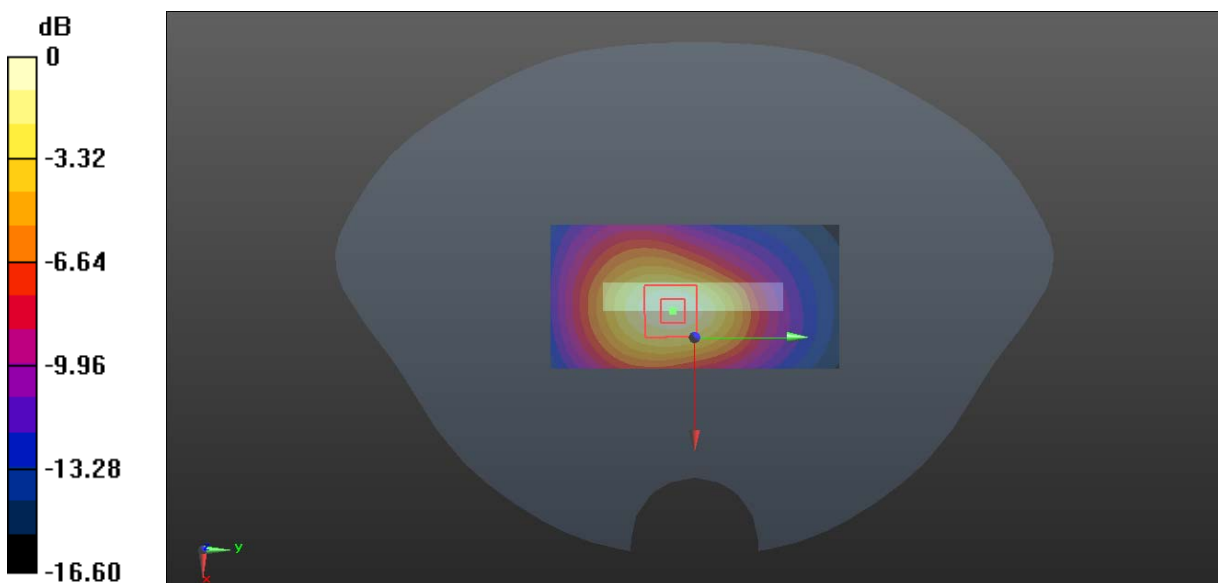
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.27 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg = -0.97 dBW/kg

Plot 17#: WCDMA Band 2_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.459 W/kg

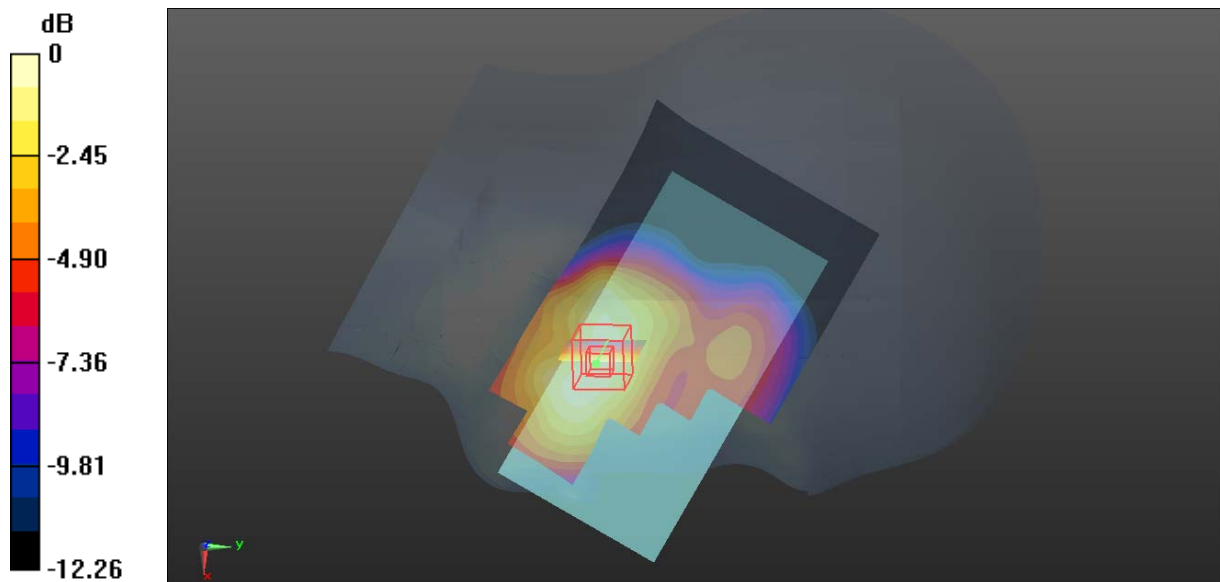
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.730 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.215 W/kg

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



0 dB = 0.453 W/kg = -3.44 dBW/kg

Plot 18#: WCDMA Band 2_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

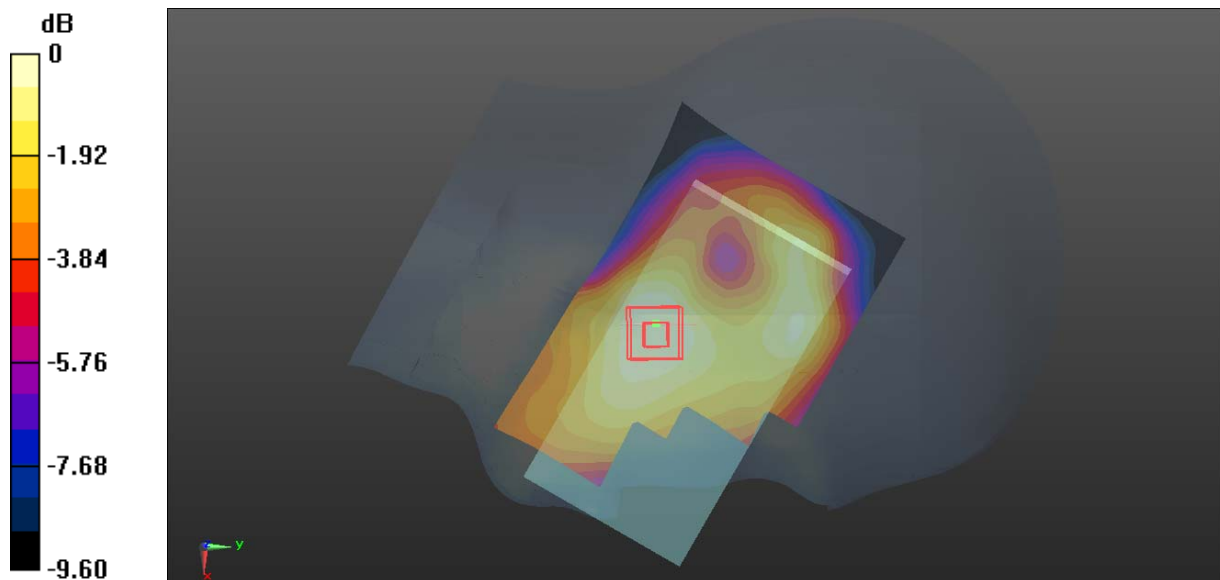
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.365 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg = -9.83 dBW/kg

Plot 19#WCDMA Band 2_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.257 W/kg

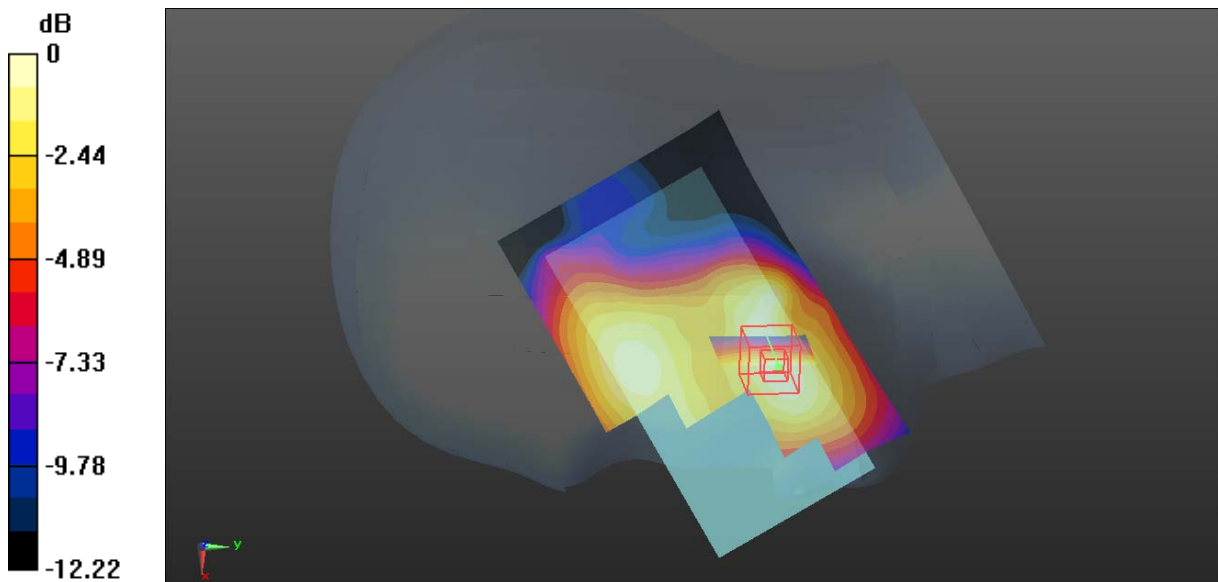
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.280 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

Plot 20#: WCDMA Band 2_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

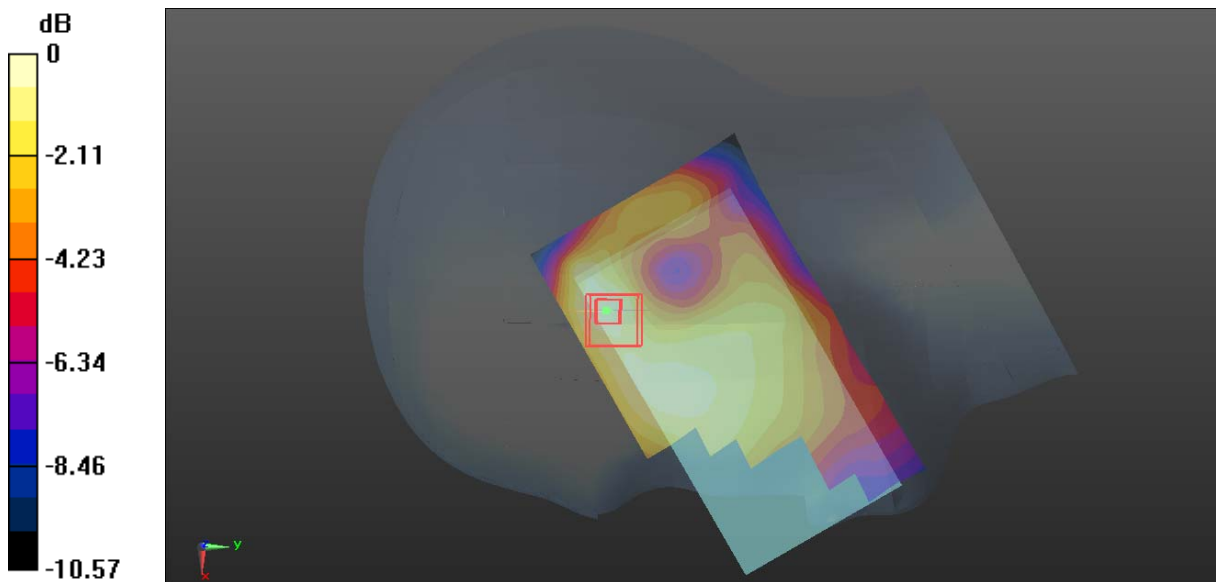
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.005 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0935 W/kg



0 dB = 0.0935 W/kg = -10.29 dBW/kg

Plot 21#: WCDMA Band 2_Low_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 40.093$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1852.4 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.921 W/kg

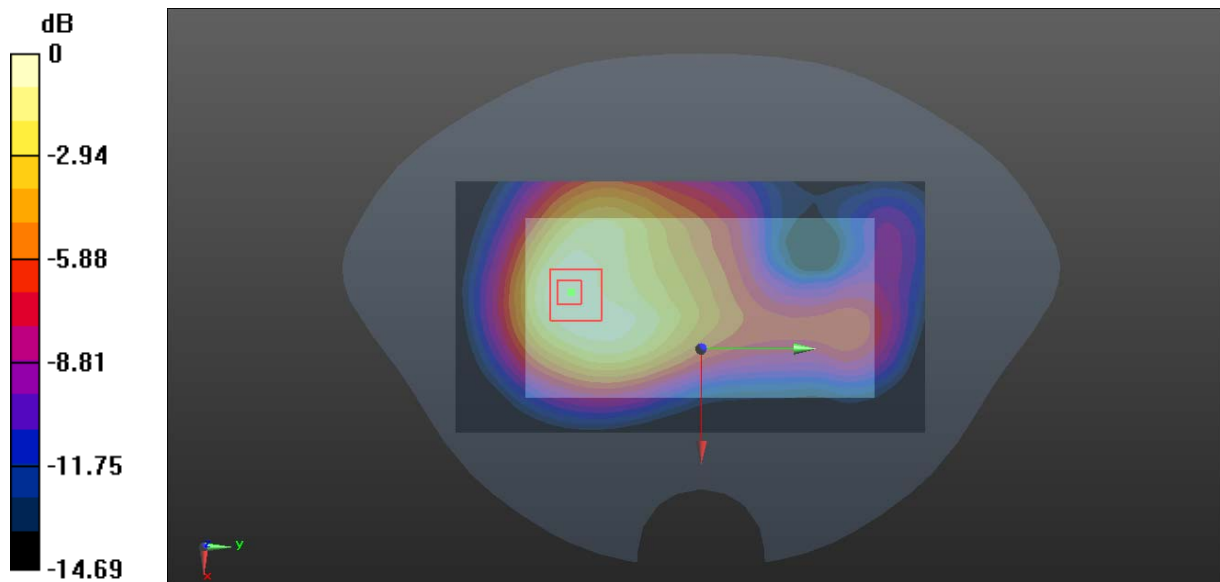
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.45 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 0.887 W/kg



0 dB = 0.887 W/kg = -0.52 dBW/kg

Plot 22#: WCDMA Band 2_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.962 W/kg

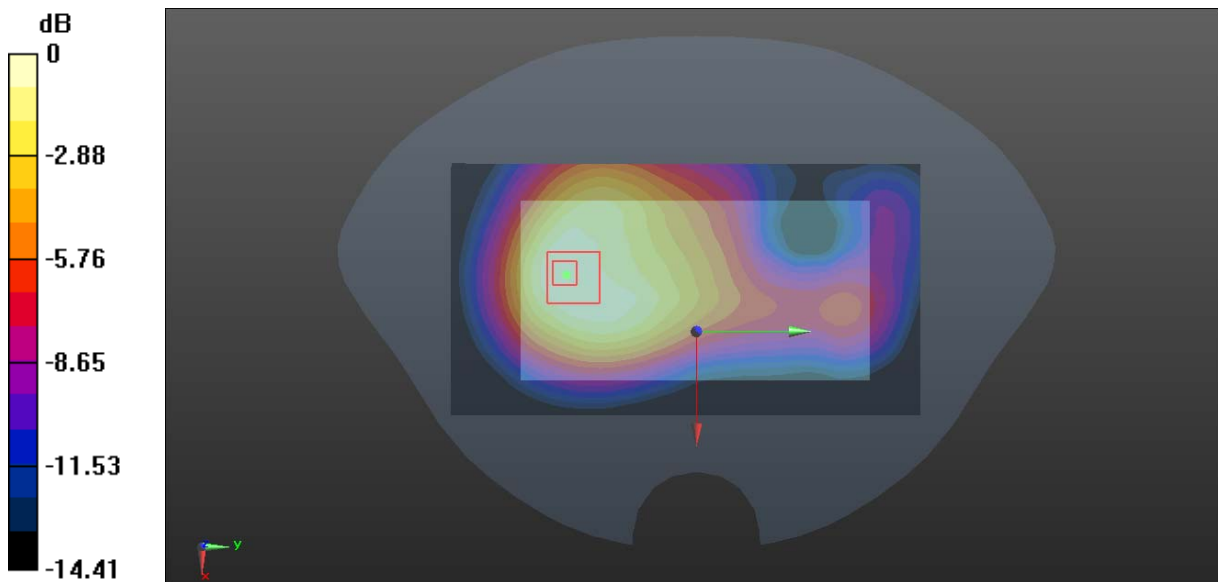
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.74 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 0.901 W/kg



0 dB = 0.901 W/kg = -0.45 dBW/kg

Plot 23#:WCDMA Band 2_High_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1907.6 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm.

Maximum value of SAR (interpolated) = 0.940 W/kg

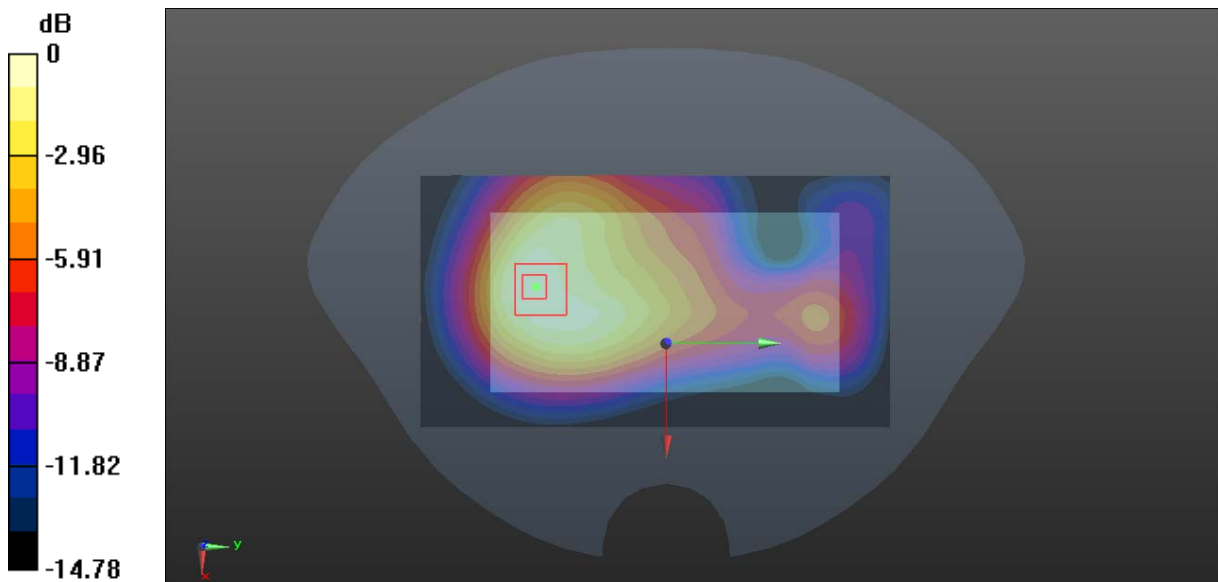
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.42 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 0.896 W/kg



0 dB = 0.896 W/kg = -0.48 dBW/kg

Plot 24#: WCDMA Band 2_1RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (41x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.390 W/kg

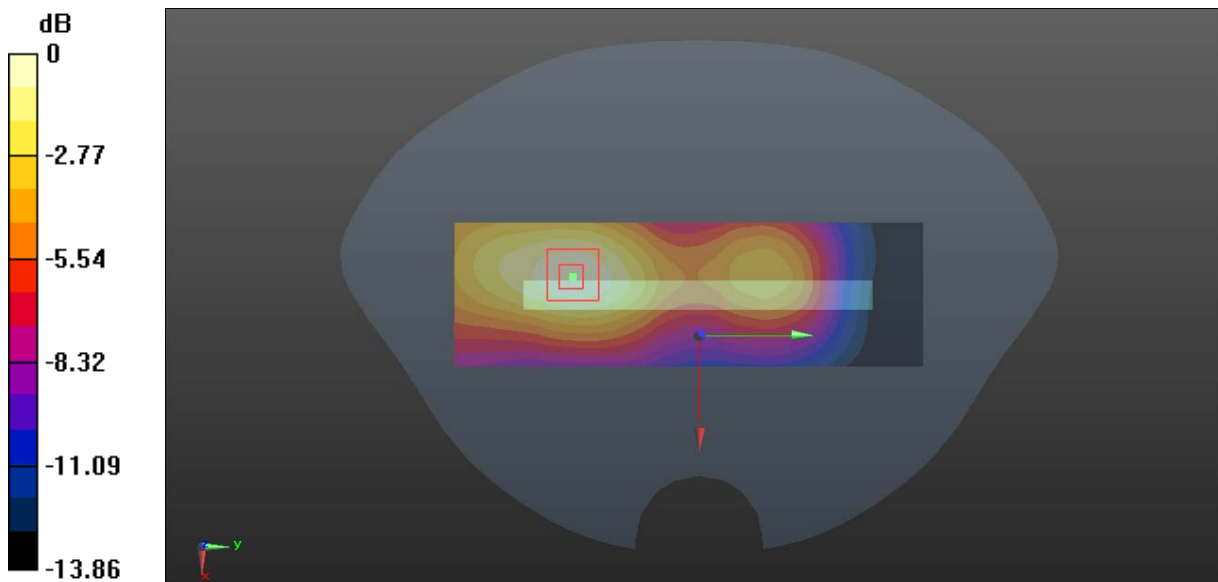
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.399 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

Plot 25#: WCDMA Band 2_Low_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 40.093$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1852.4 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

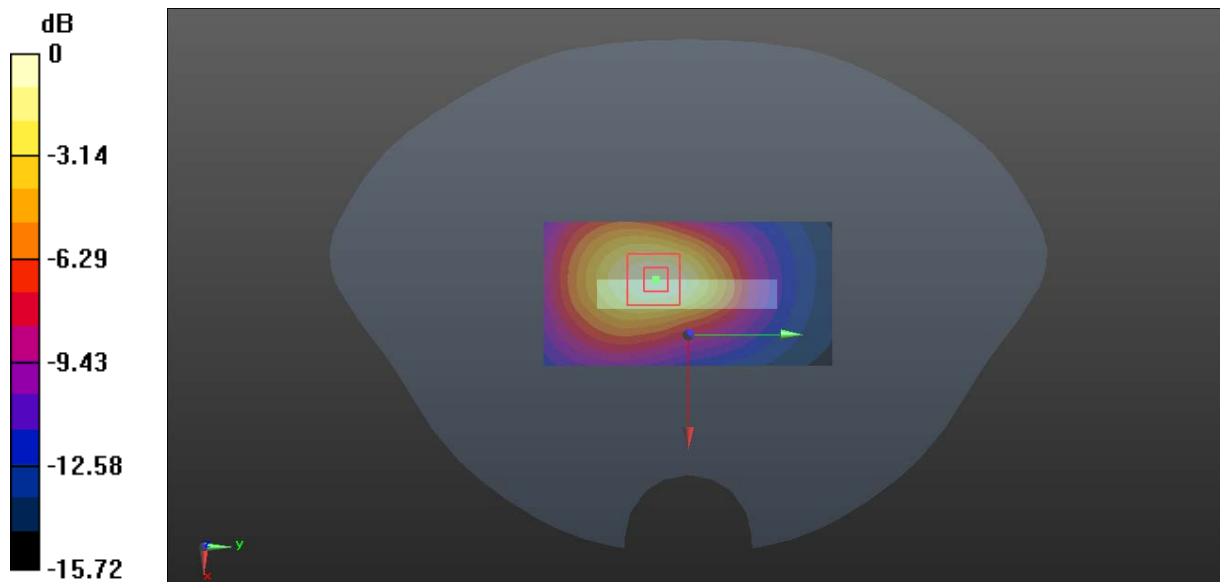
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.36 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.605 W/kg

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



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

Plot 26#: WCDMA Band 2_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.16 W/kg

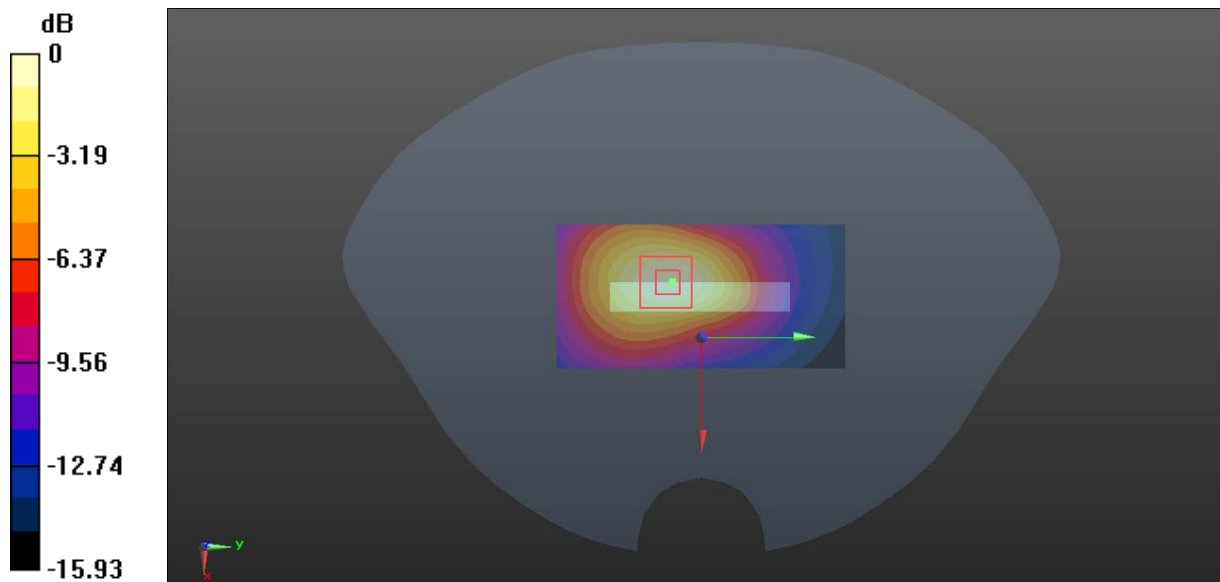
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.84 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.576 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Plot 27#: WCDMA Band 2_High_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1907.6 MHz; Calibrated: 2021/4/19
- 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)

Body Bottom Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

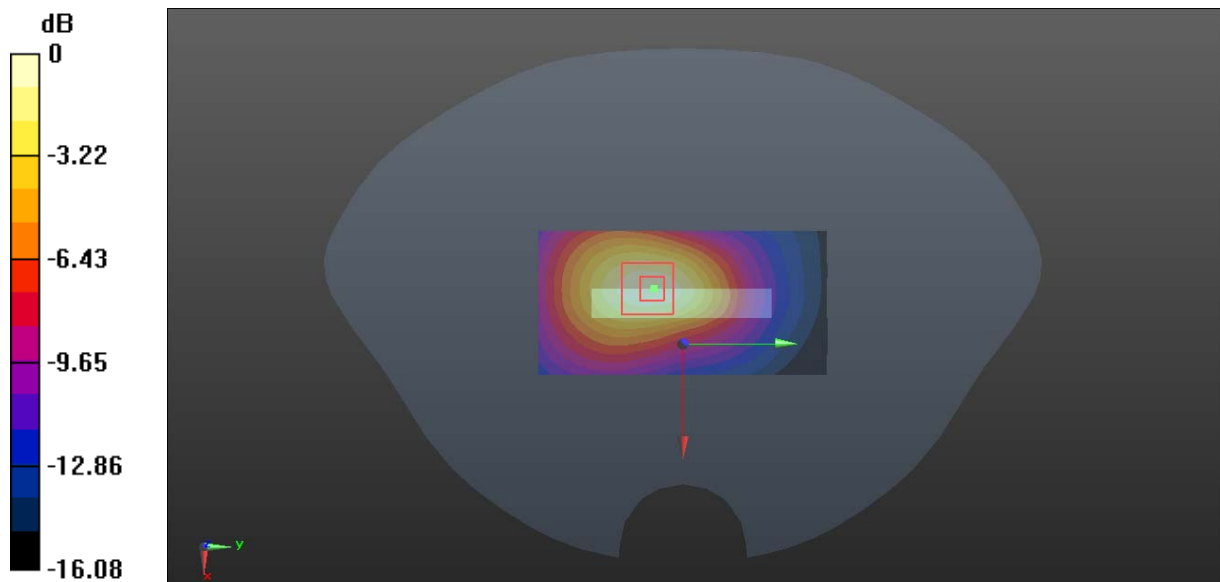
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.03 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.594 W/kg

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



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

Plot 28#: WCDMA Band 5_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

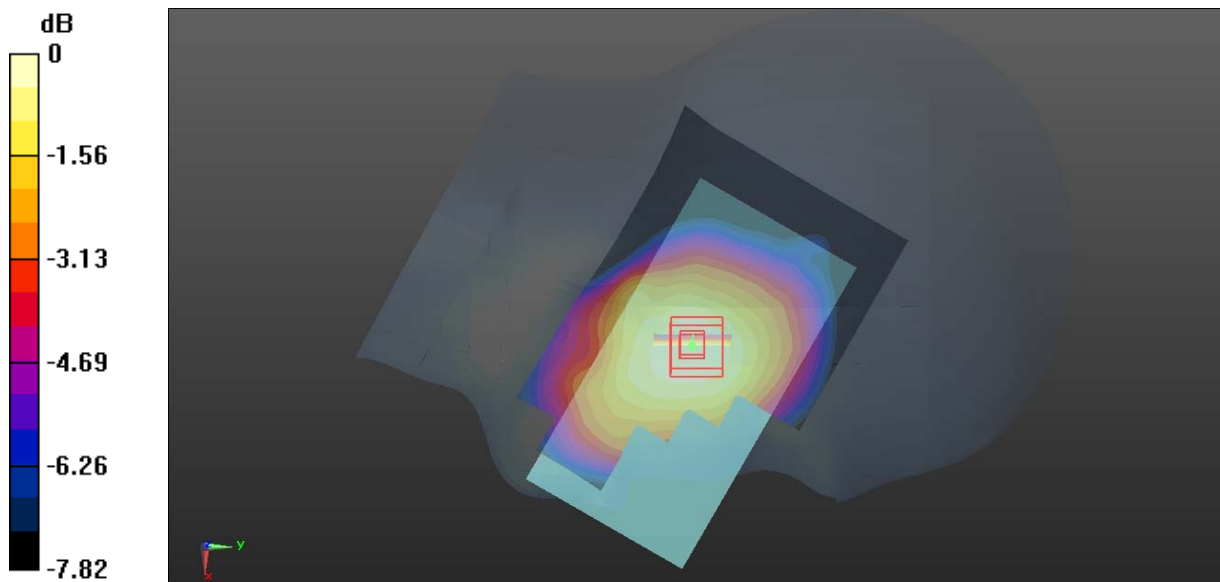
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.842 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.505 W/kg

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -1.11 dBW/kg

Plot 29#: WCDMA Band 5_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.394 W/kg

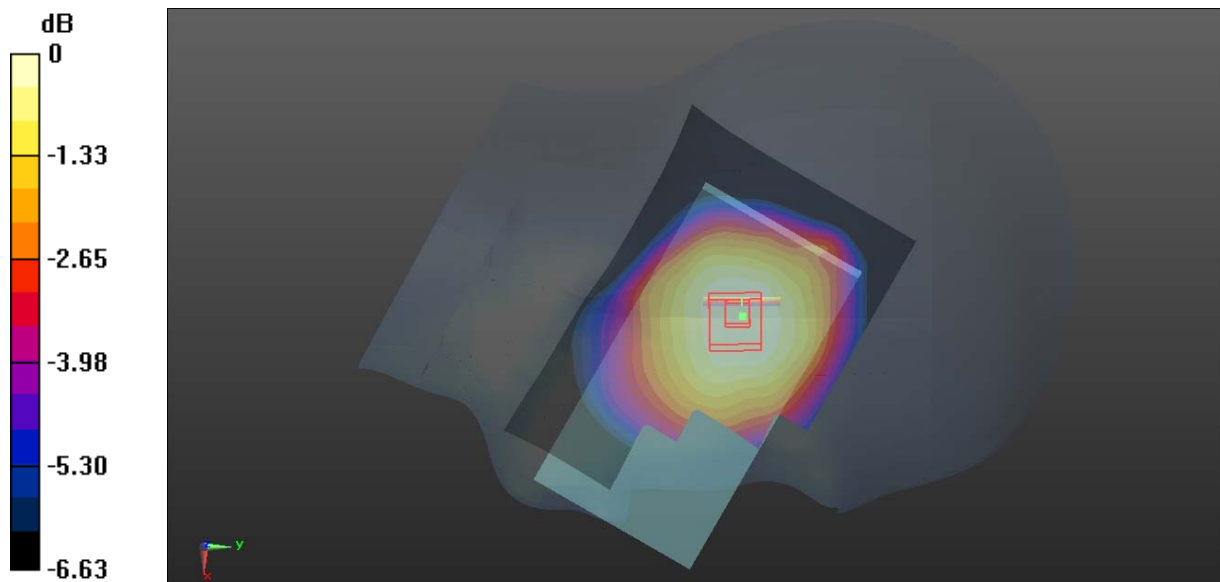
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.24 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Plot 30#: WCDMA Band 5_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.673 W/kg

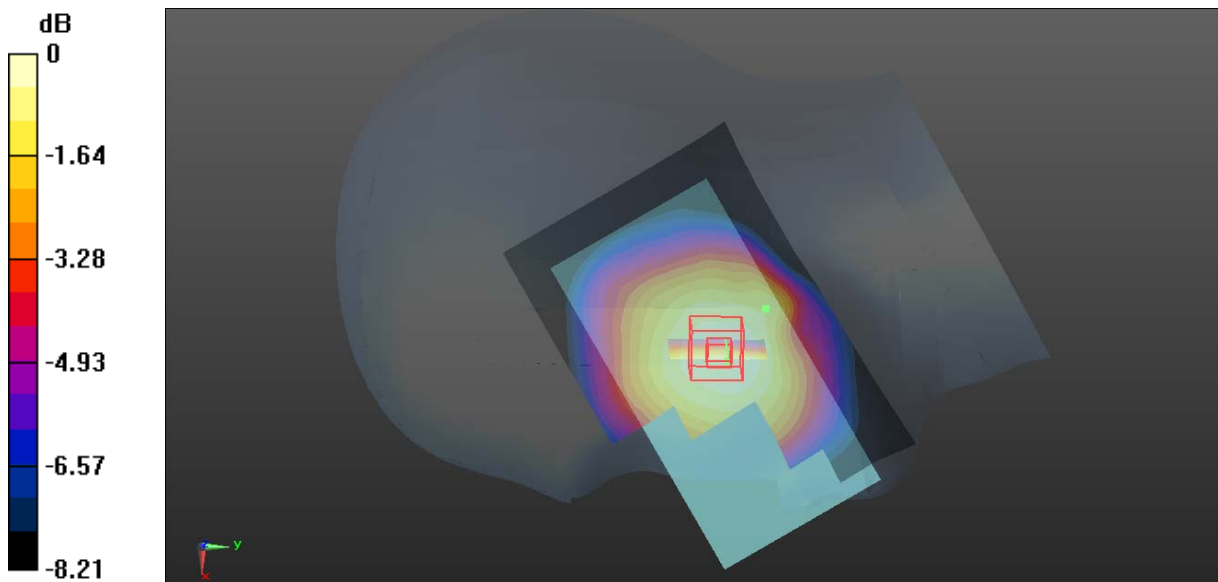
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.972 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg = -1.65 dBW/kg

Plot 31#: WCDMA Band 5_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.385 W/kg

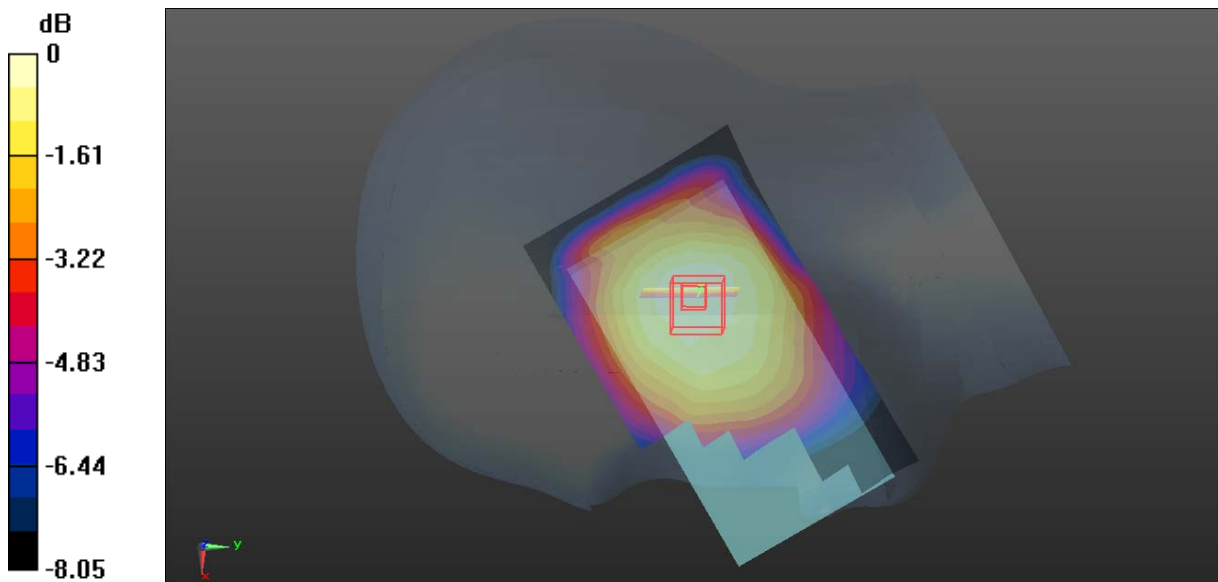
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.18 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg

Plot 32#: WCDMA Band 5_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

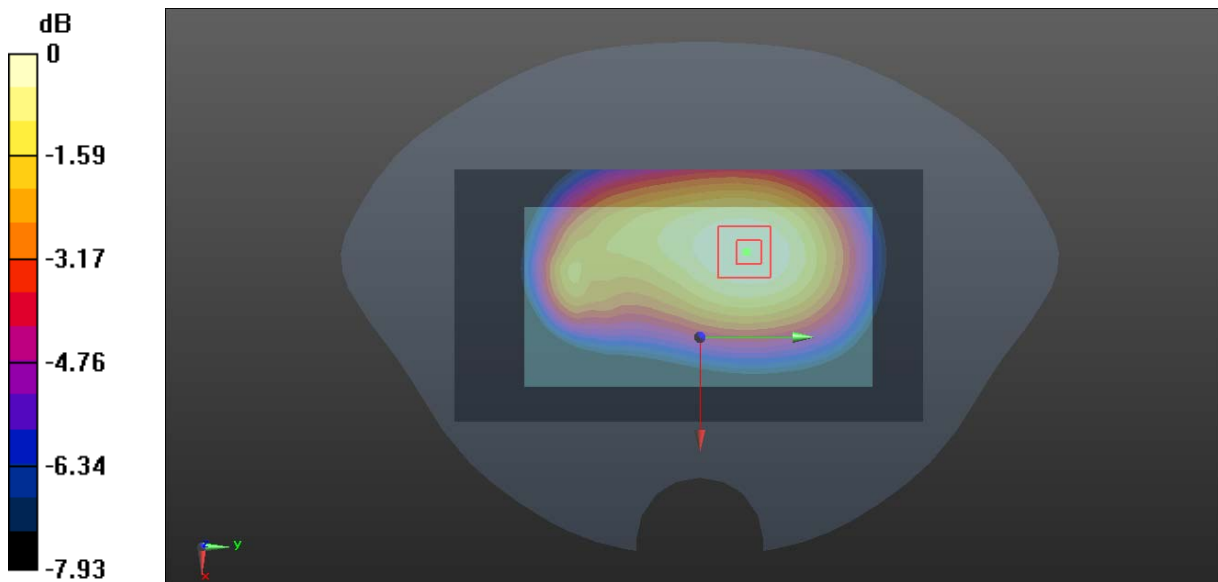
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

Plot 33#: WCDMA Band 5_1RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.535 W/kg

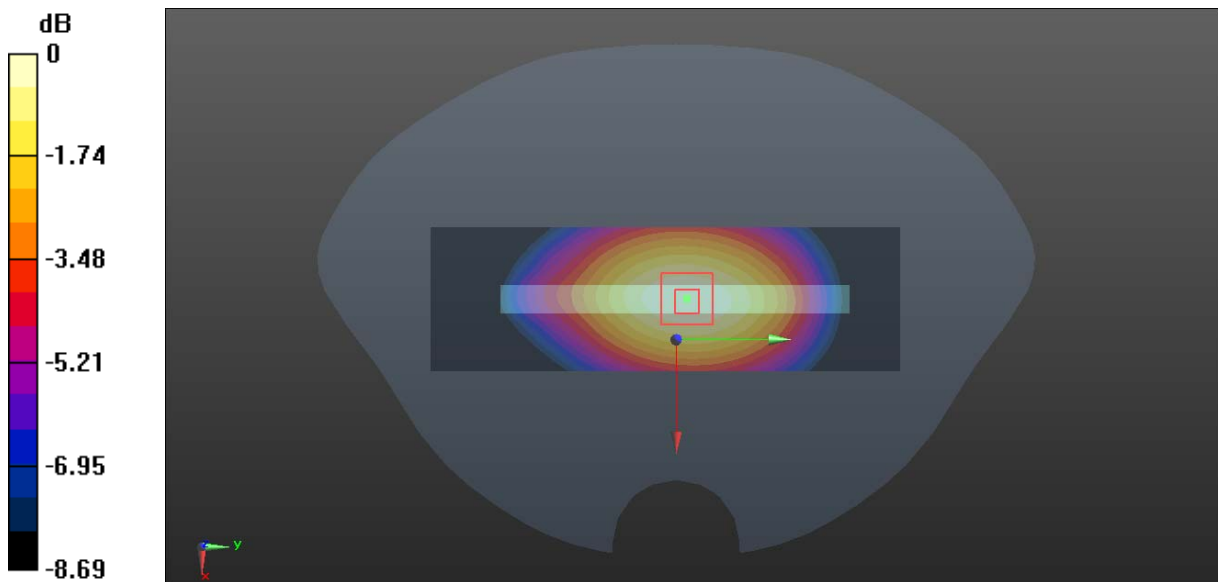
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.45 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

Plot 34#: WCDMA Band 5_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.365 W/kg

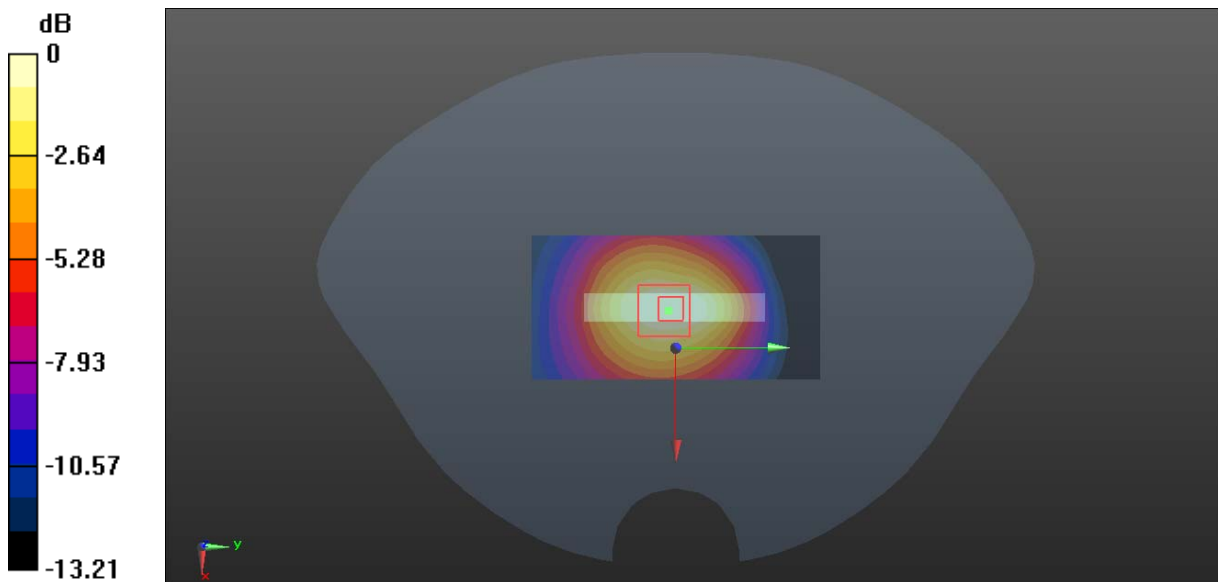
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.05 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

Plot 35#: LTE Band 2_1RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.312 W/kg

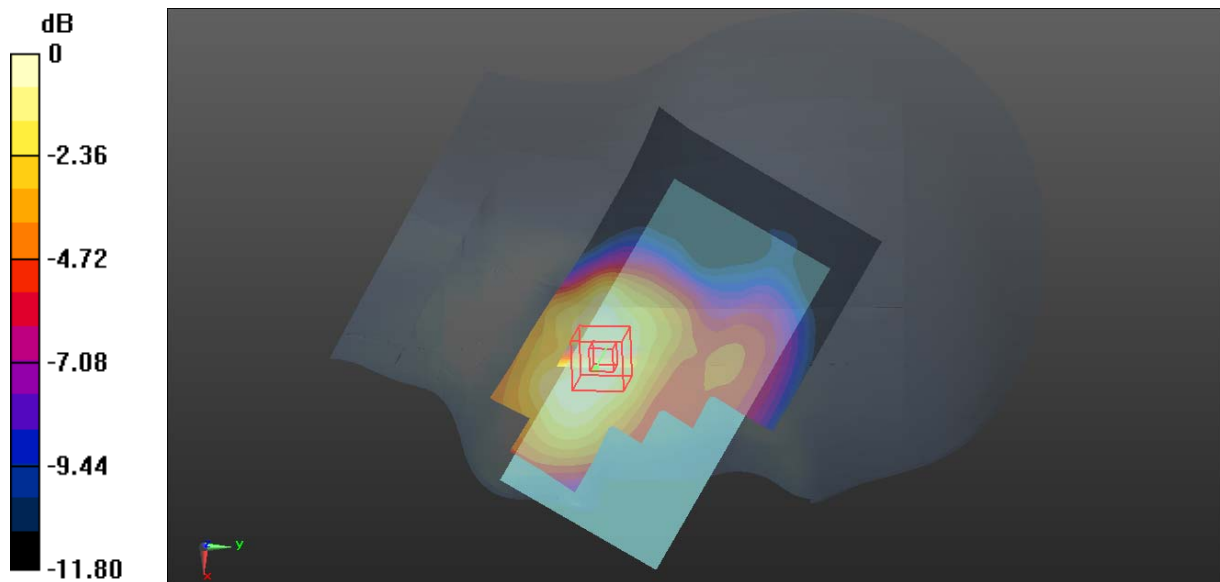
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.891 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

Plot 36#: LTE Band 2_50%RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.250 W/kg

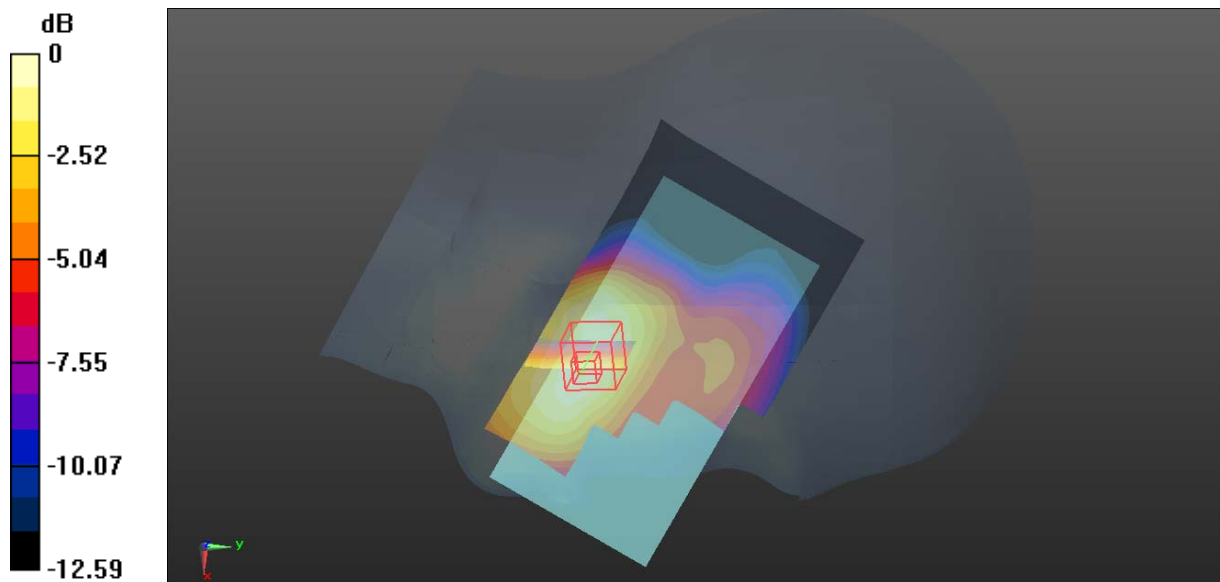
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.302 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

Plot 37#: LTE Band 2_1RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

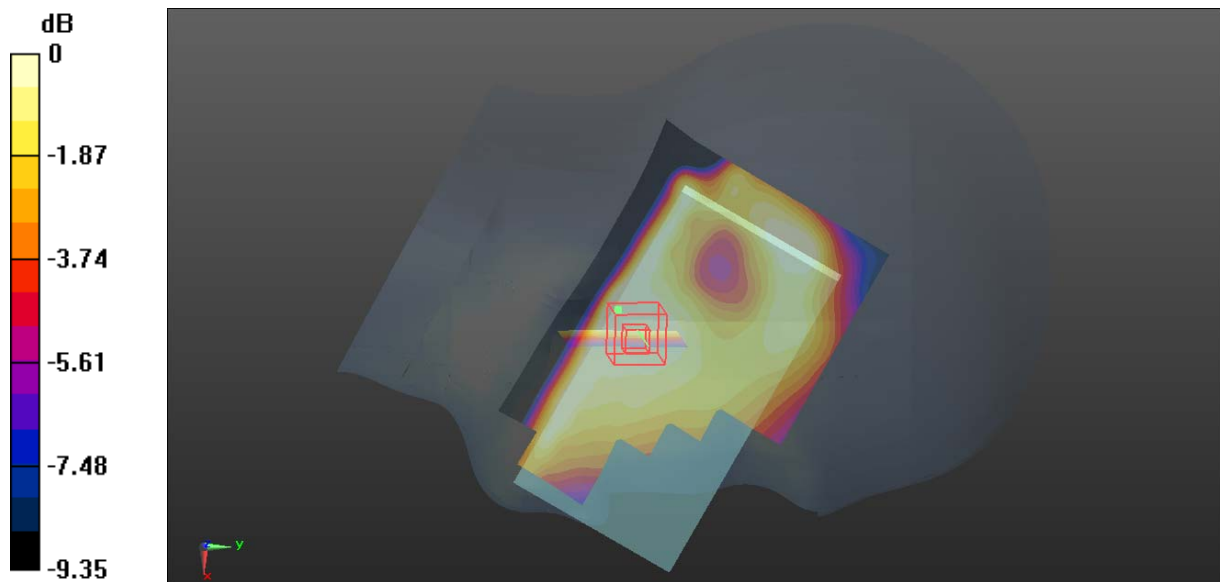
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.643 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0666 W/kg



0 dB = 0.0666 W/kg = -11.77 dBW/kg

Plot 38#: LTE Band 2_50%RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0614 W/kg

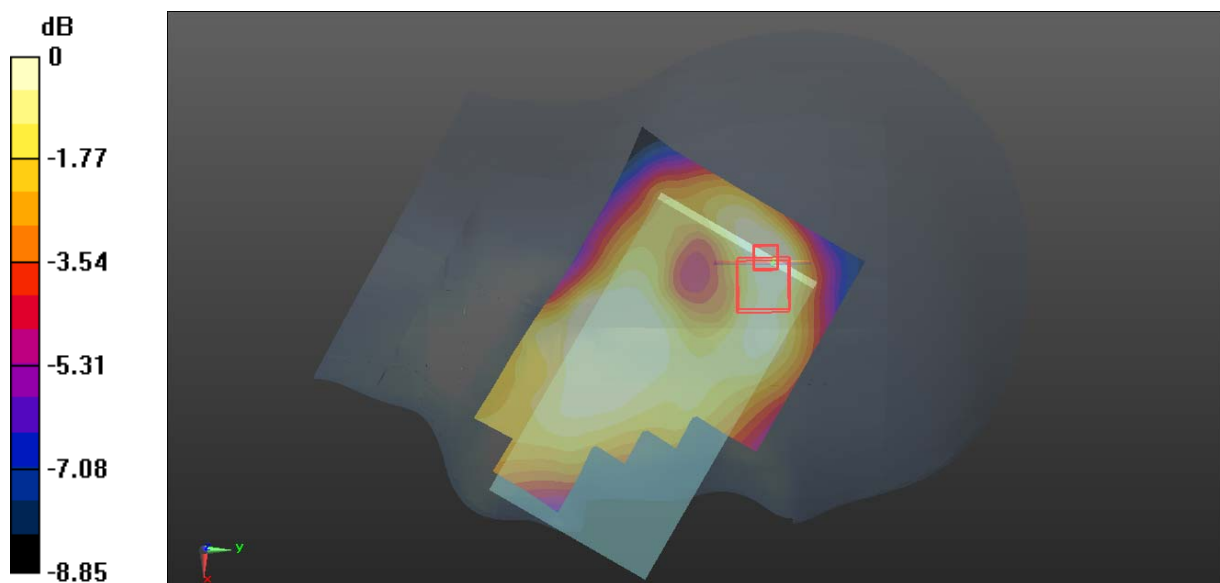
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.868 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0481 W/kg



0 dB = 0.0481 W/kg = -13.18 dBW/kg

Plot 39#: LTE Band 2_1RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.175 W/kg

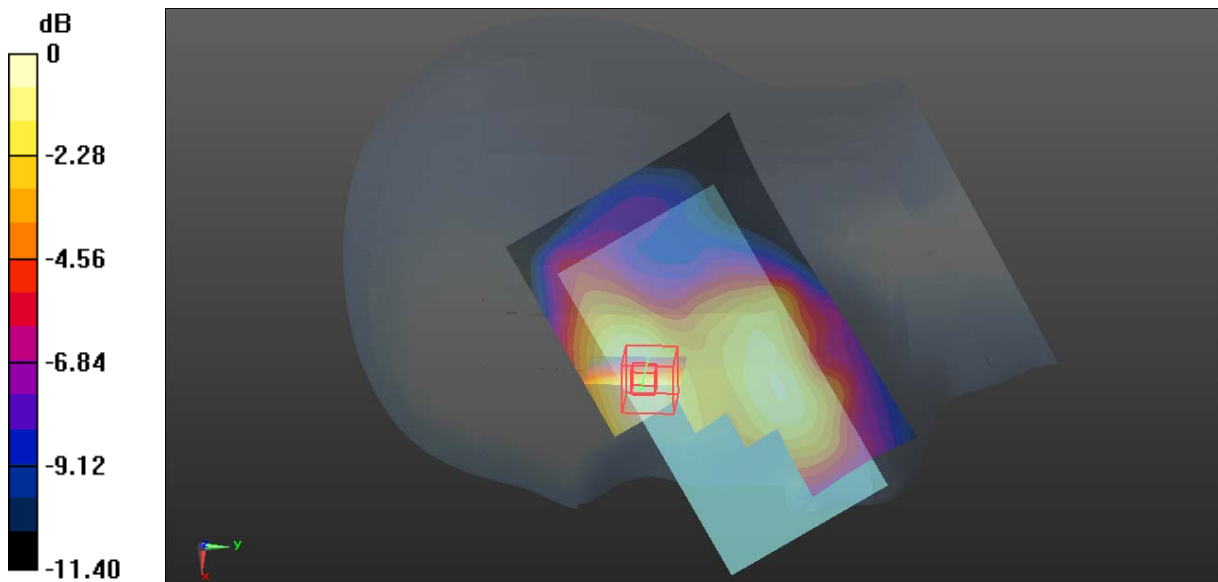
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.425 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.086 W/kg

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



0 dB = 0.167 W/kg = -7.77 dBW/kg

Plot 40#: LTE Band 2_50%RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

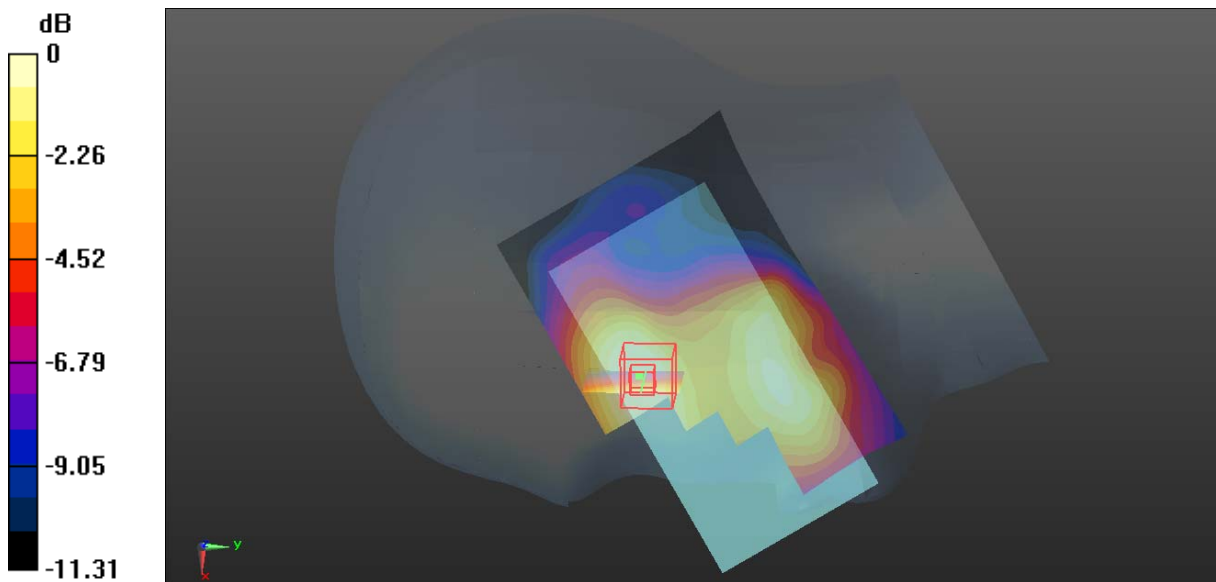
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.828 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Plot 41#:LTE Band 2_1RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0946 W/kg

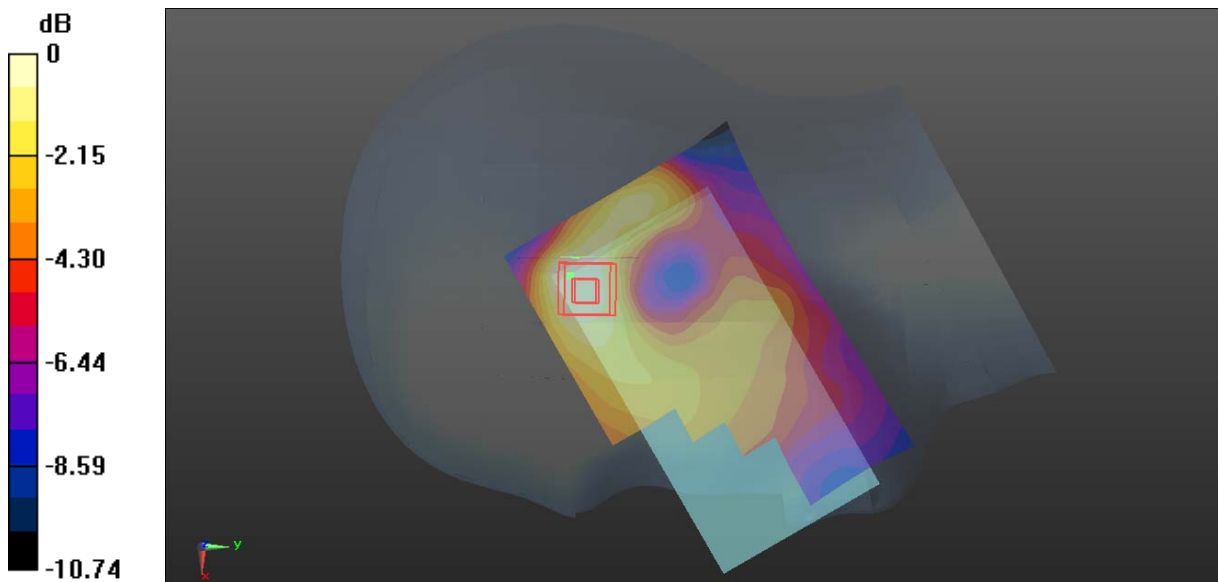
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.314 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0802 W/kg



0 dB = 0.0802 W/kg = -10.96 dBW/kg

Plot 42#: LTE Band 2_50%RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0797 W/kg

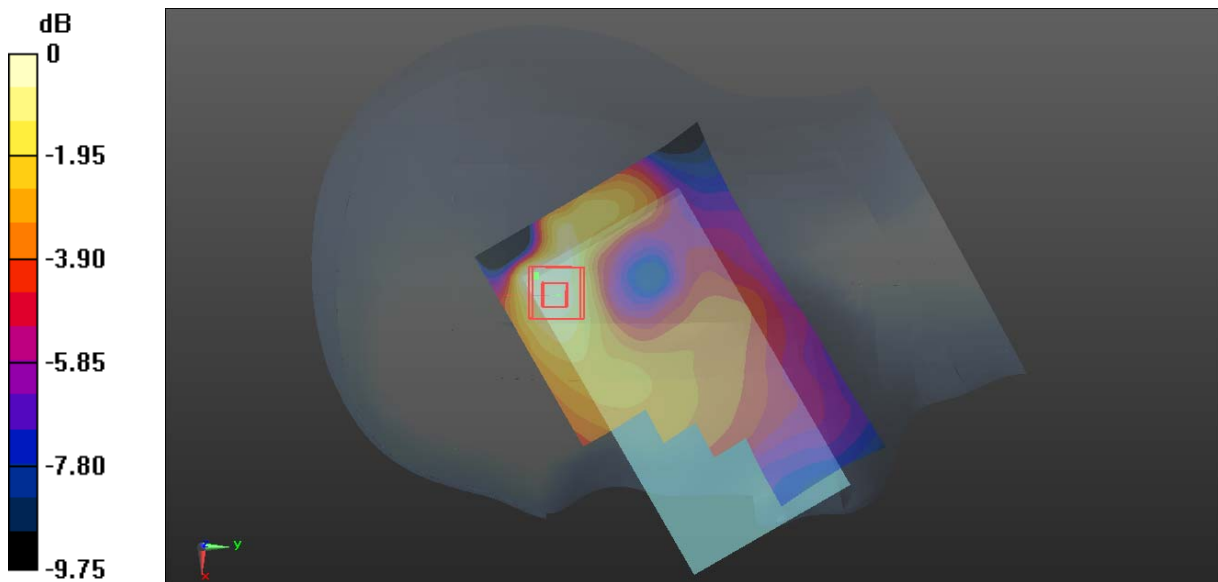
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.603 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0638 W/kg



0 dB = 0.0638 W/kg = -11.95 dBW/kg

Plot 43#: LTE Band 2_1RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.790 W/kg

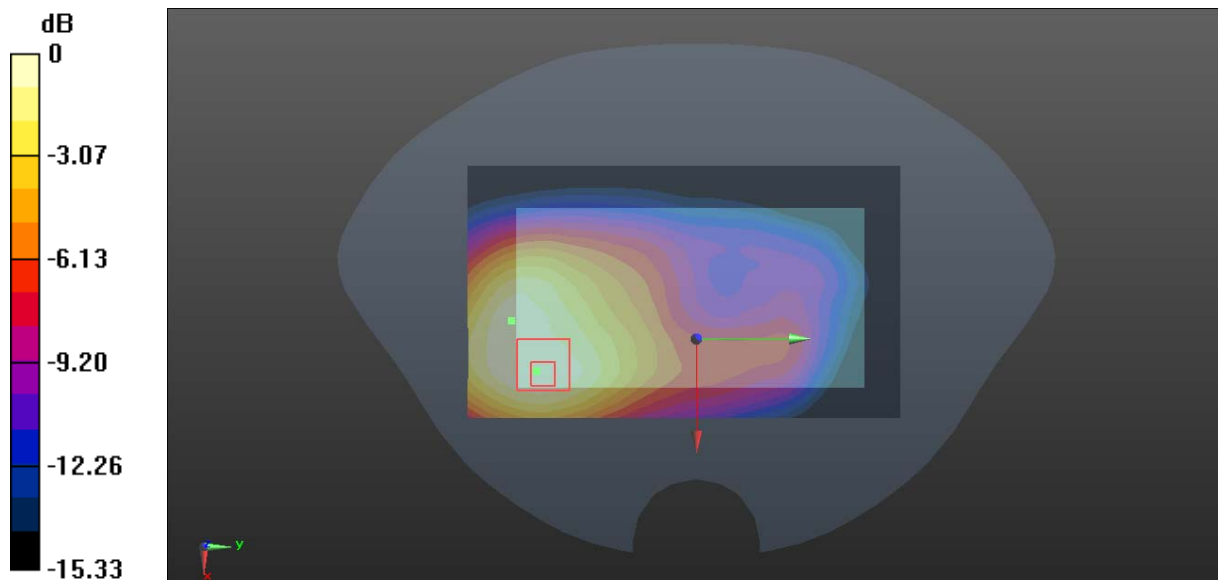
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.144 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg = -1.20 dBW/kg

Plot 44#: LTE Band 2_50%RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.622 W/kg

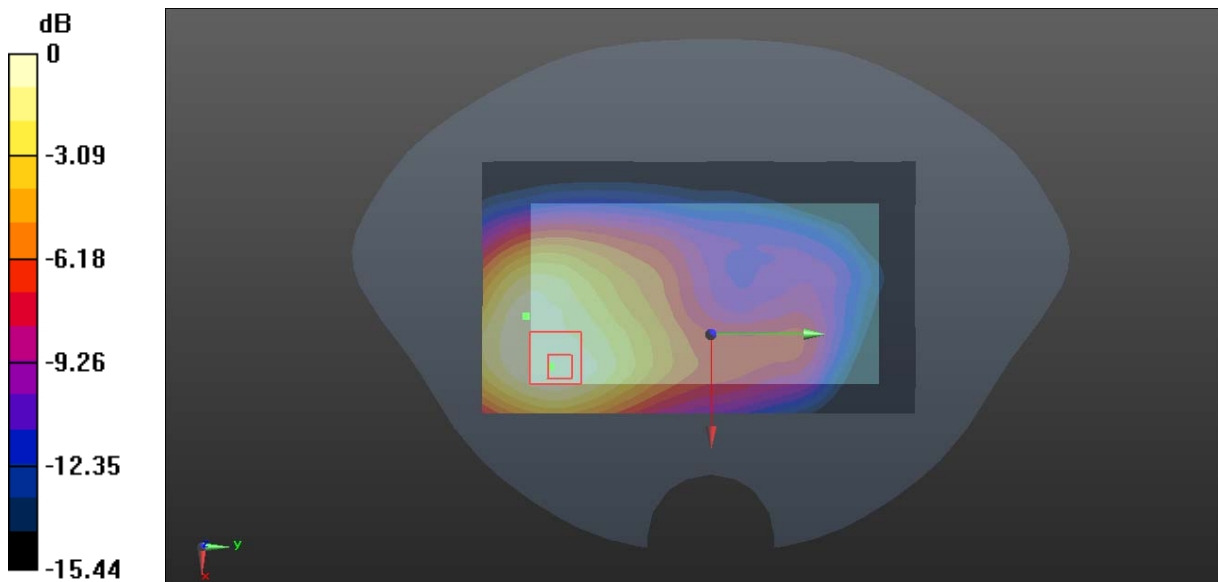
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.235 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

Plot 45#:LTE Band 2_1RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

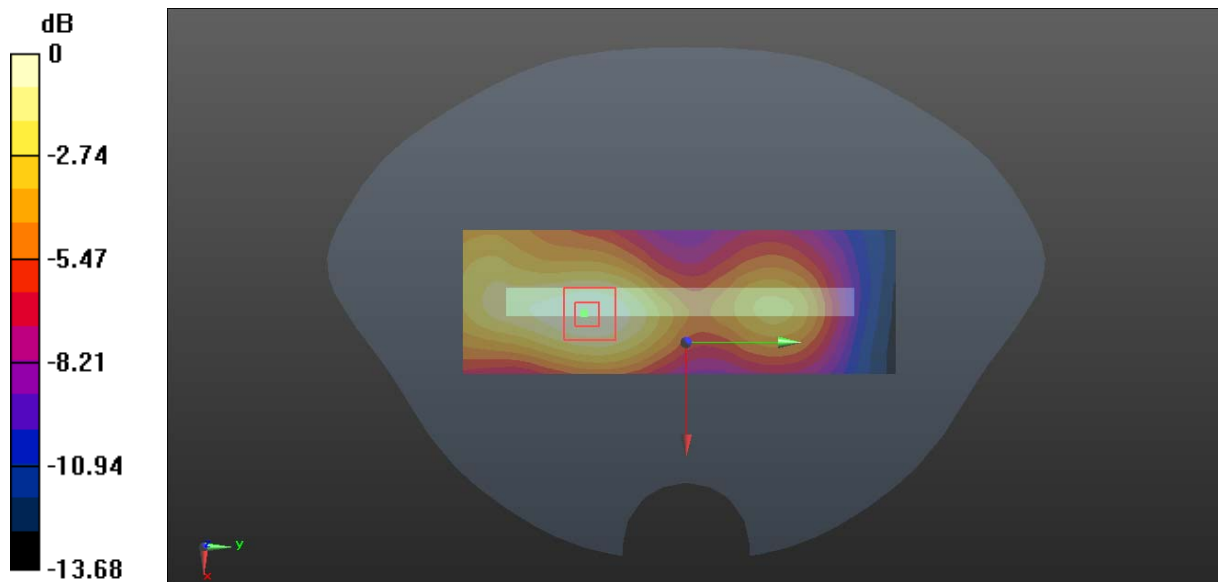
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.394 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

Plot 46#: LTE Band 2_50%RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (51x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

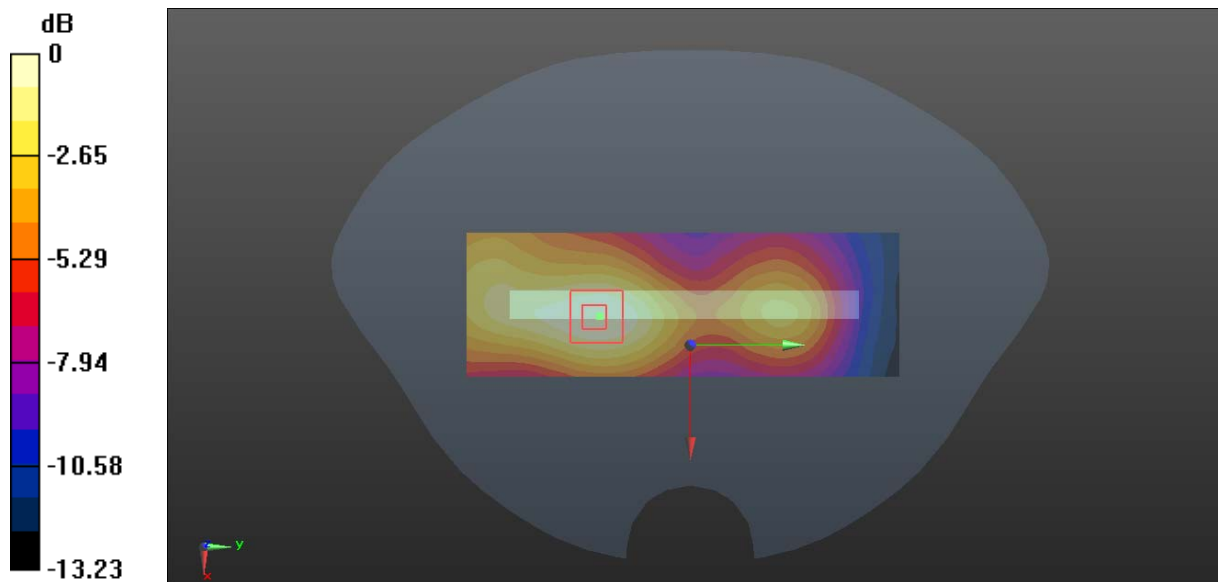
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.760 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.075 W/kg

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



0 dB = 0.167 W/kg = -7.77 dBW/kg

Plot 47#: LTE Band 2_1RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.532 W/kg

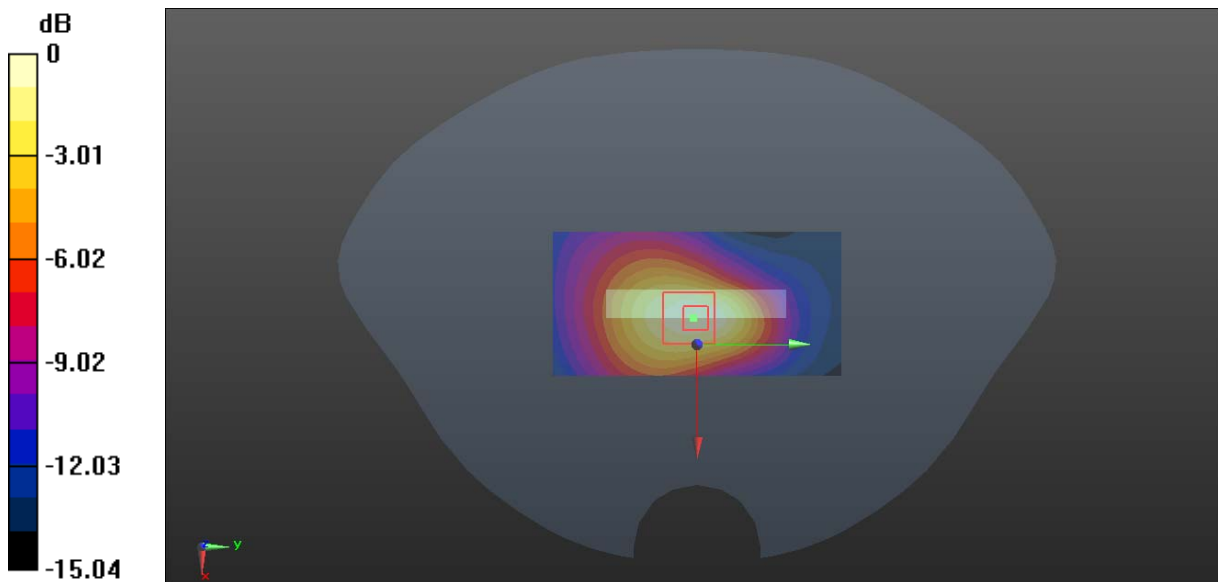
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.05 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.273 W/kg

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



0 dB = 0.542 W/kg = -2.66 dBW/kg

Plot 48#: LTE Band 2_50%RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.416 W/kg

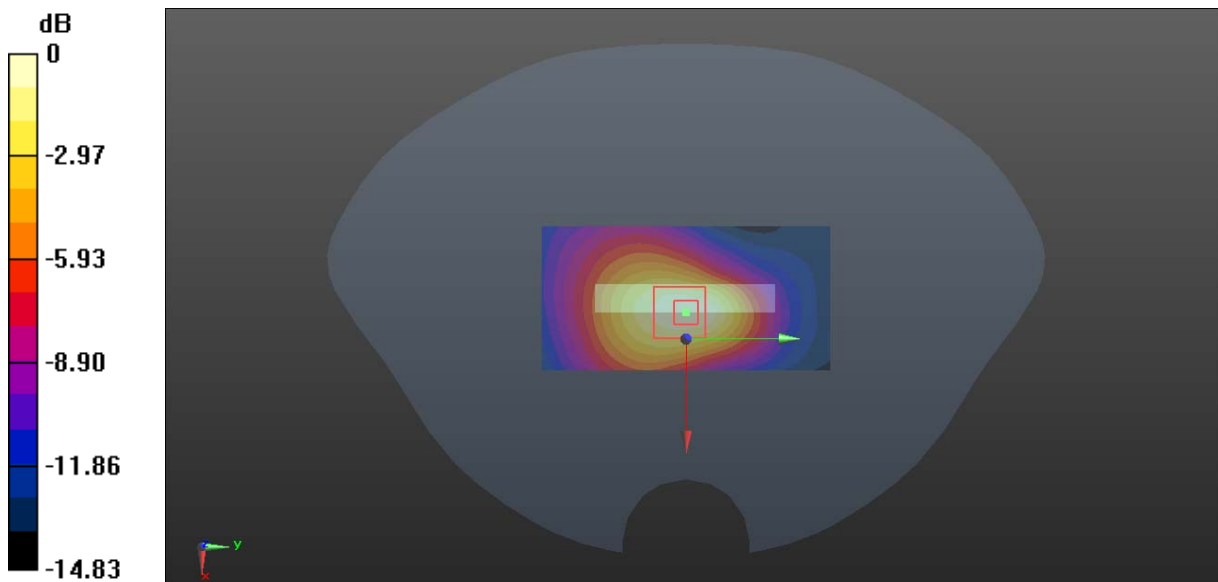
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.04 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.210 W/kg

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



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

Plot 49#: LTE Band 4_1RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.397 W/kg

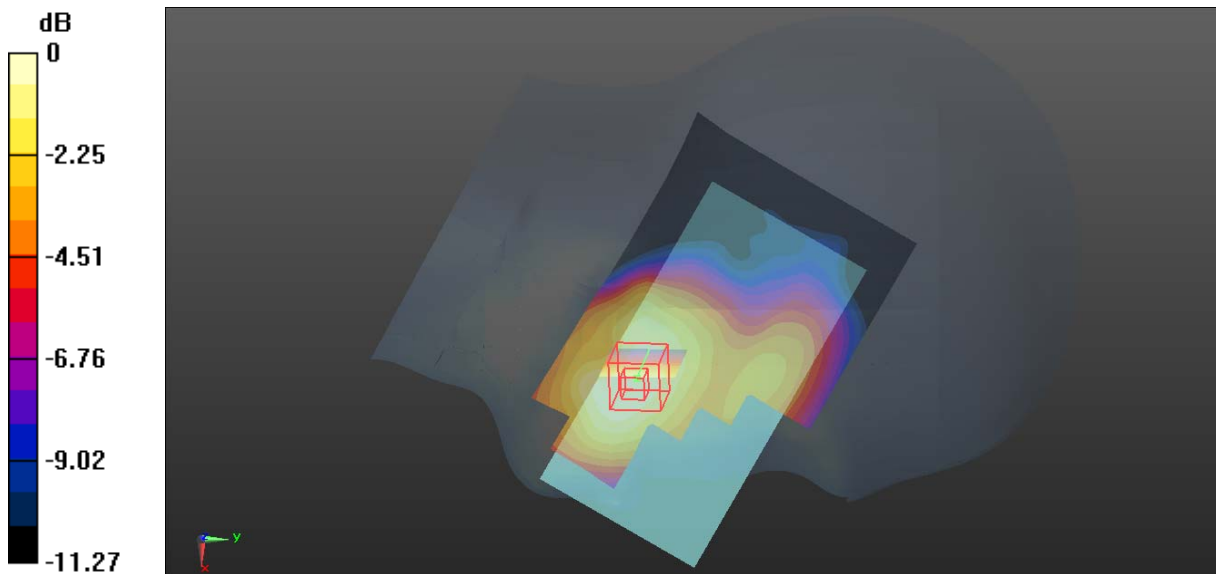
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.822 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Plot 50#:LTE Band 4_50%RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.216 W/kg

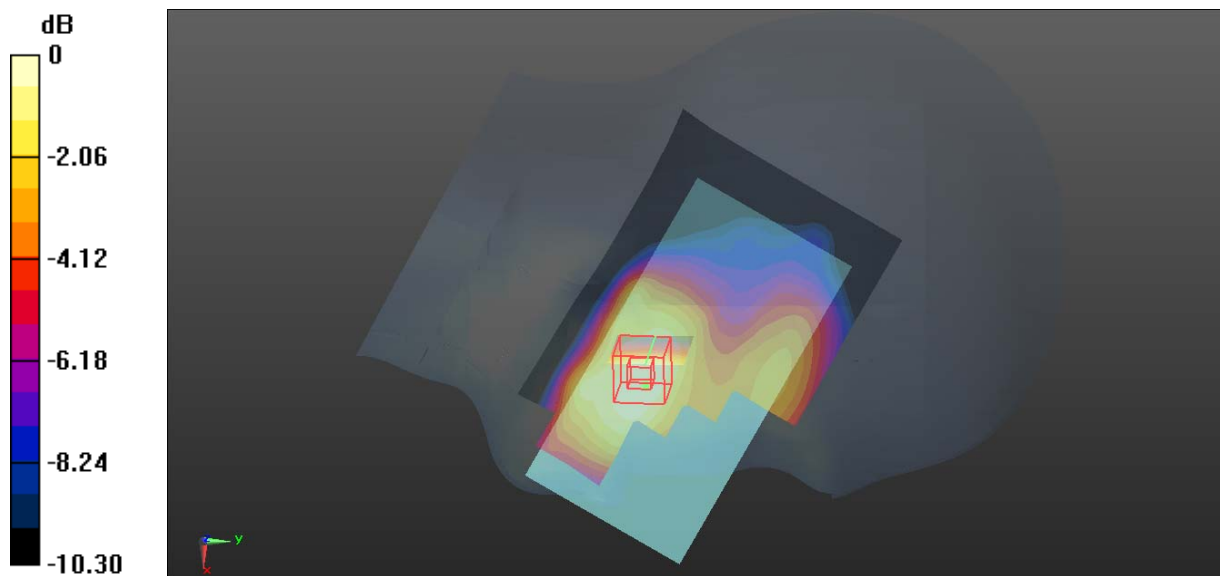
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.248 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg = -6.54 dBW/kg

Plot 51#: LTE Band 4_1RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.126 W/kg

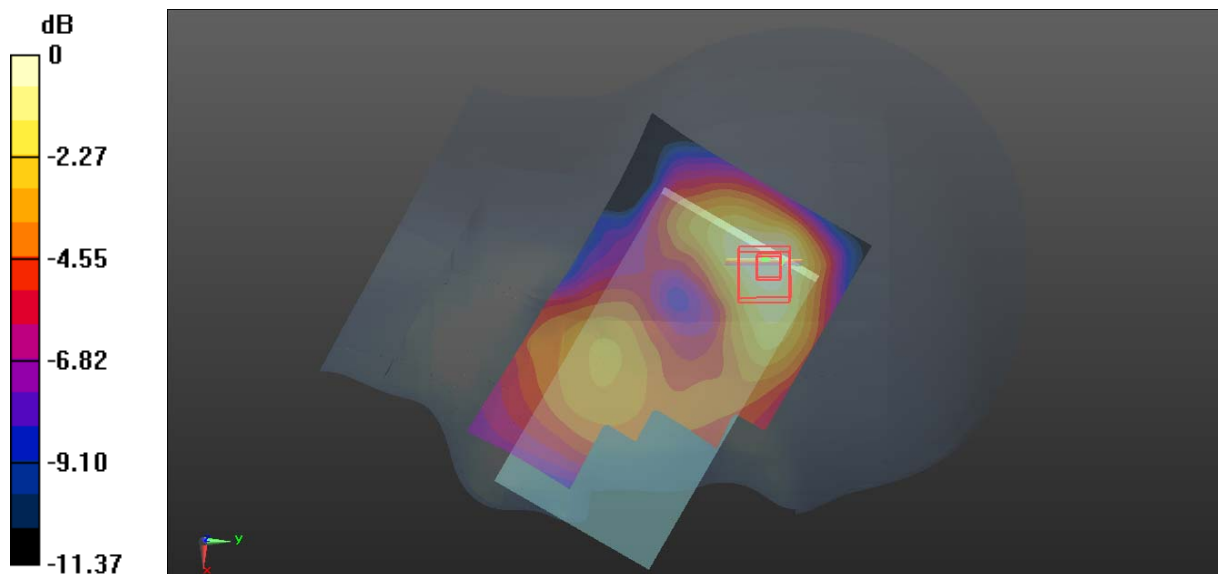
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.150 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

Plot 52#: LTE Band 4_50%RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0957 W/kg

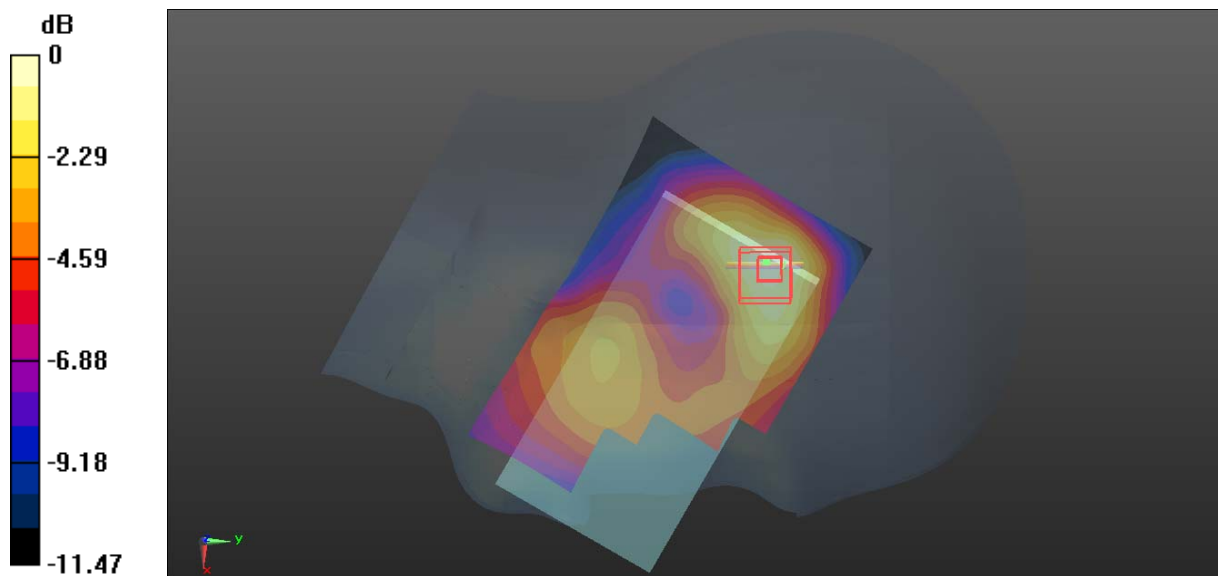
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.154 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

Plot 53#: LTE Band 4_1RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.318 W/kg

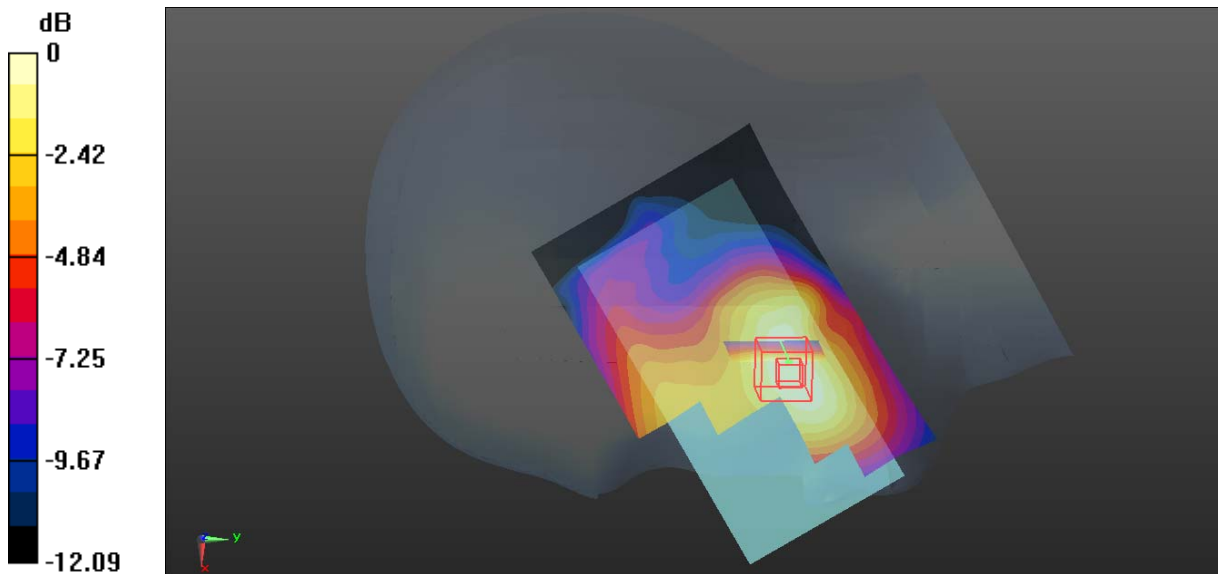
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.048 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

Plot 54#: LTE Band 4_50%RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

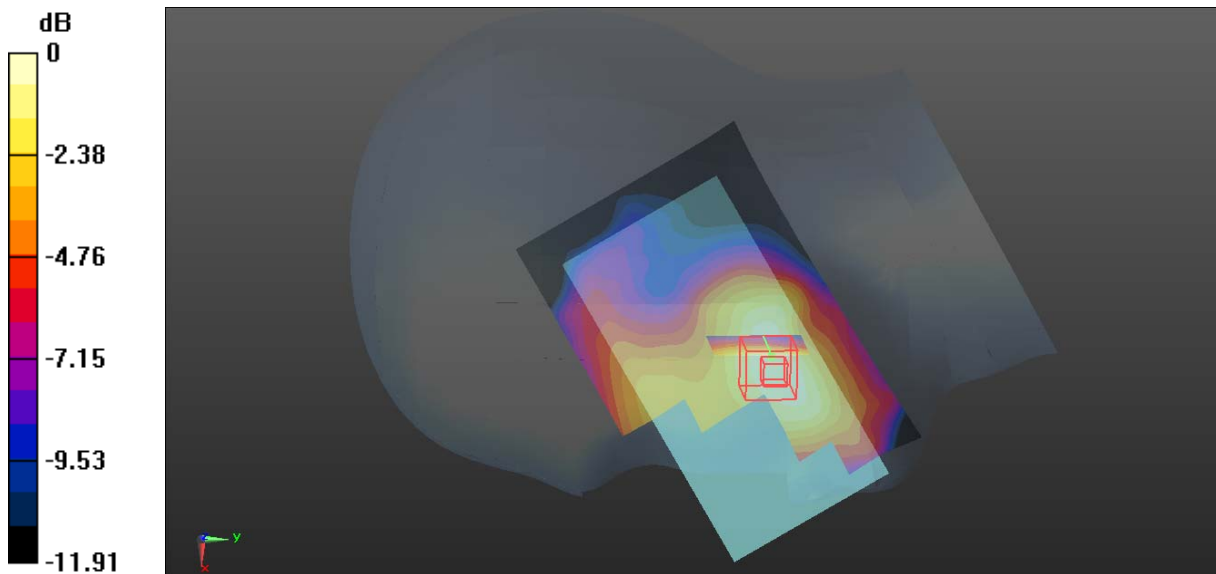
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.577 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

Plot 55#: LTE Band 4_1RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0953 W/kg

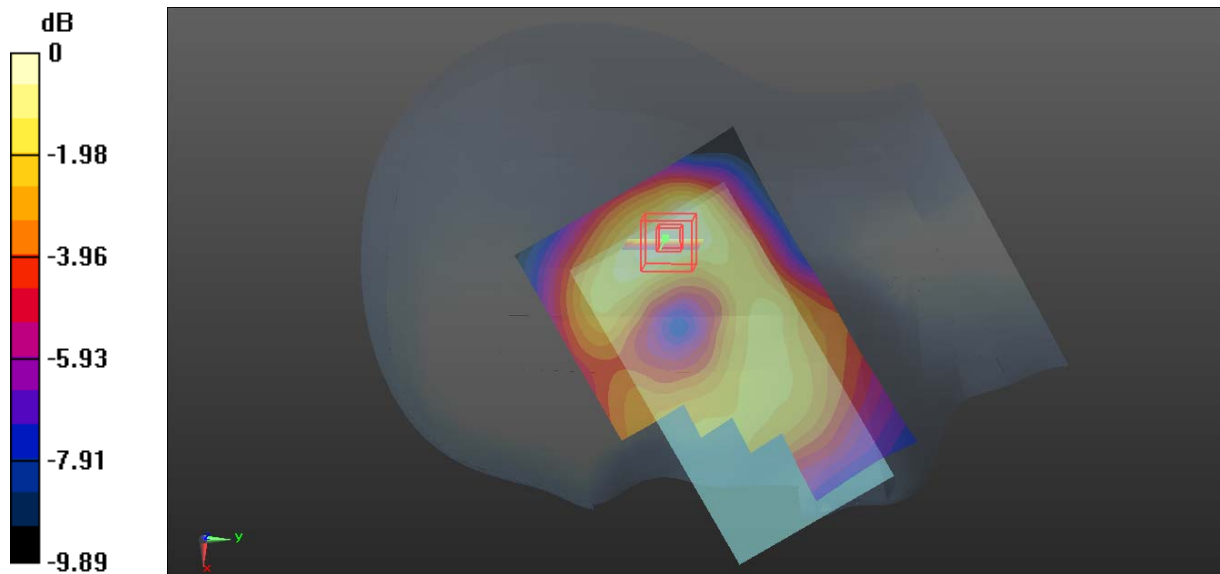
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.524 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0994 W/kg



0 dB = 0.0994 W/kg = -10.03 dBW/kg

Plot 56#: LTE Band 4_50%RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0786 W/kg

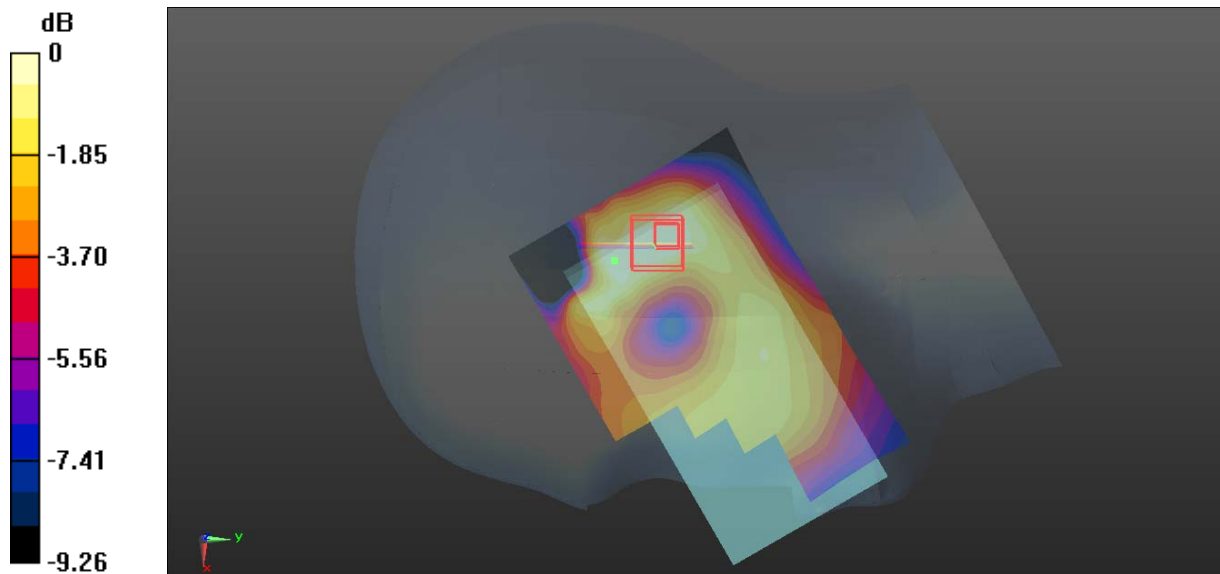
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.605 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0738 W/kg



0 dB = 0.0738 W/kg = -11.32 dBW/kg

Plot 57#:LTE Band 4_1RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

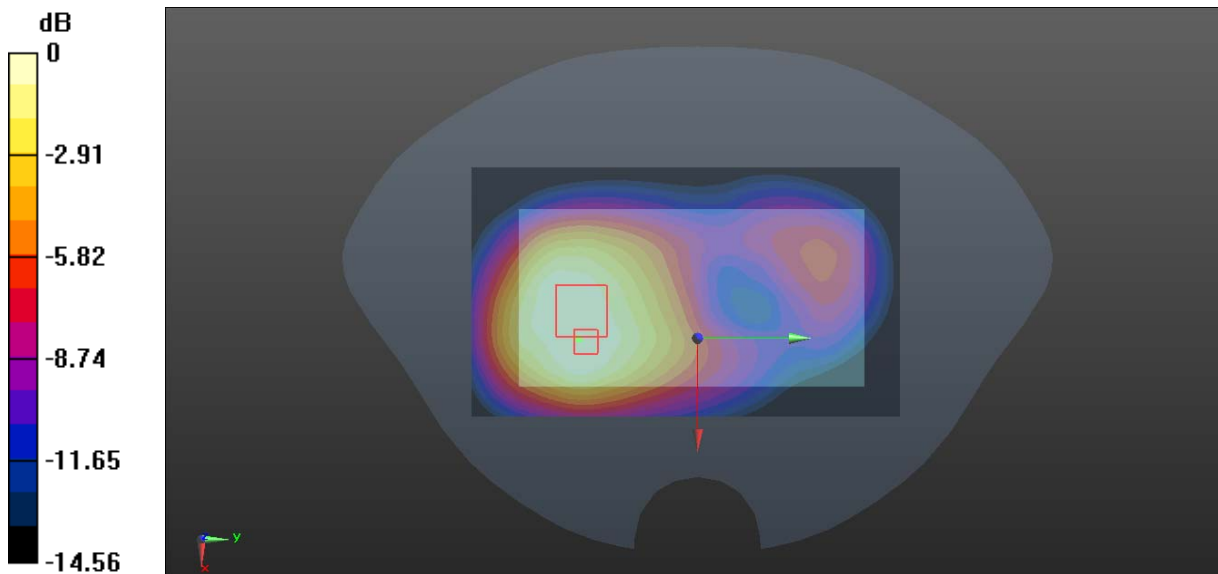
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.23 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Plot 58#: LTE Band 4_50%RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.906 W/kg

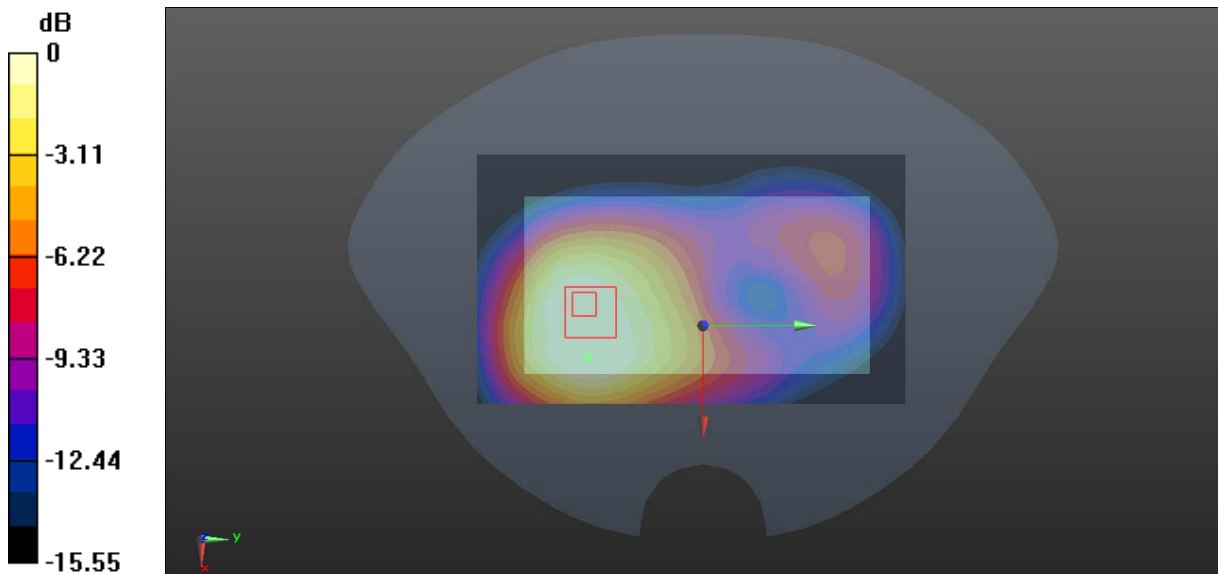
Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.391 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.820 W/kg = -0.86 dBW/kg

Plot 59#: LTE Band 4_1RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

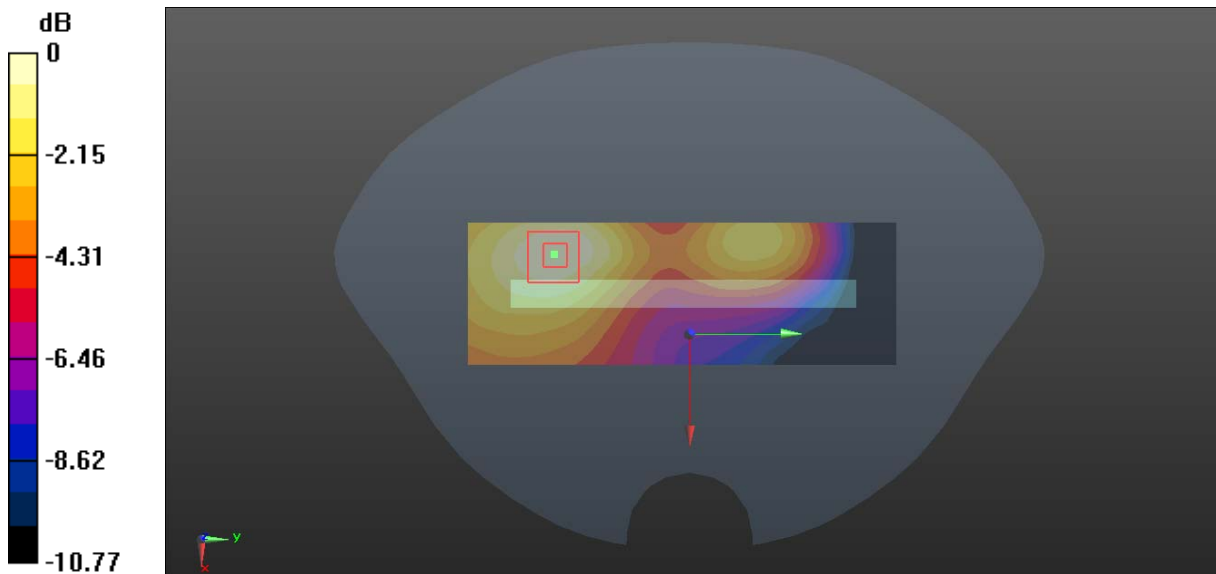
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.708 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

Plot 60#: LTE Band 4_50%RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0934 W/kg

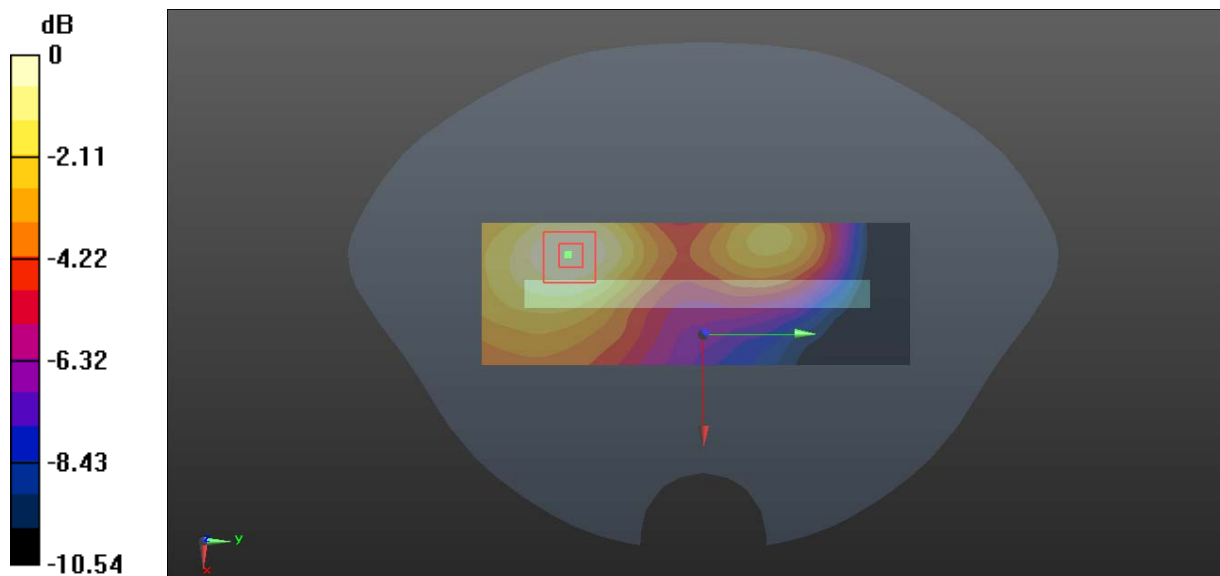
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.058 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0929 W/kg



0 dB = 0.0929 W/kg = -10.32 dBW/kg

Plot 61#: LTE Band 4_1RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.498 W/kg

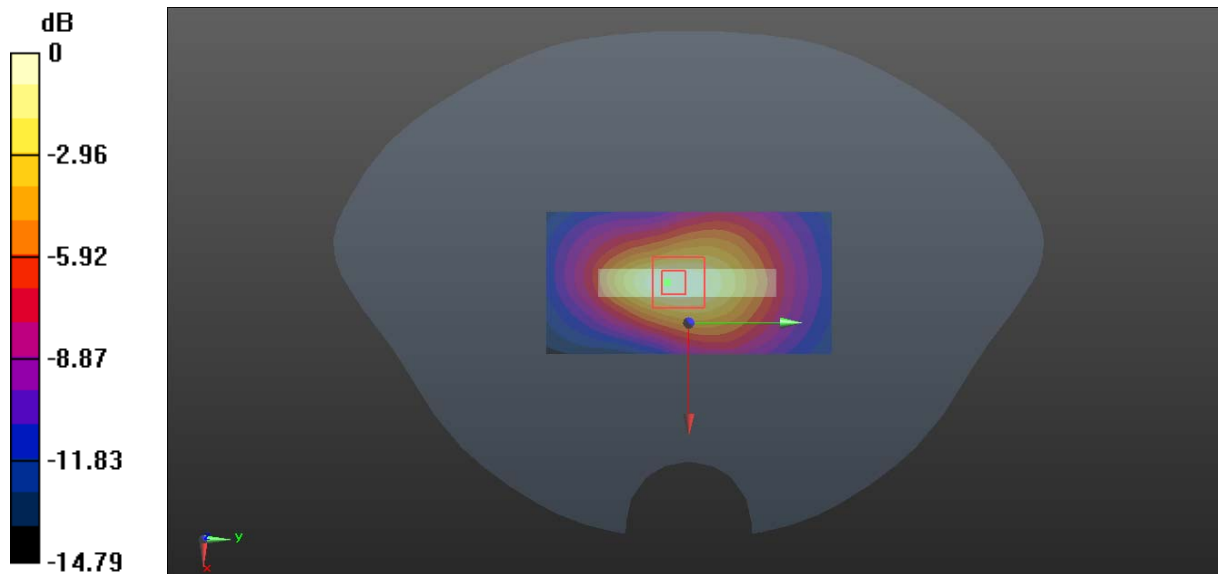
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.62 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

Plot 62#: LTE Band 4_50%RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.667 W/kg

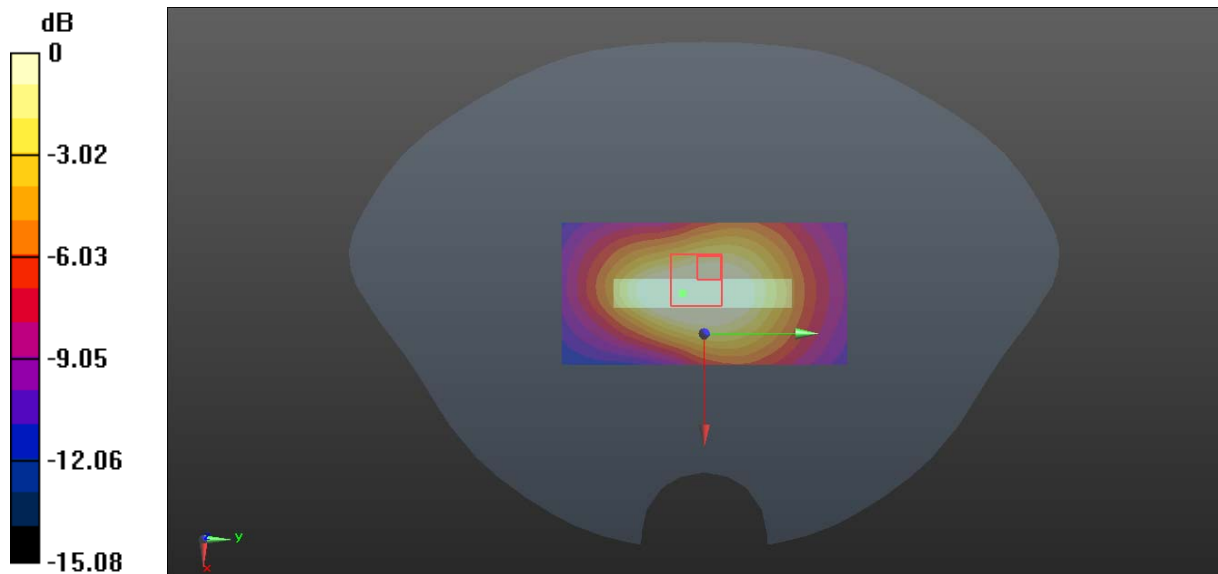
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.63 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.189 W/kg

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



0 dB = 0.392 W/kg = -4.07 dBW/kg

Plot 63#: LTE Band 5_1RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

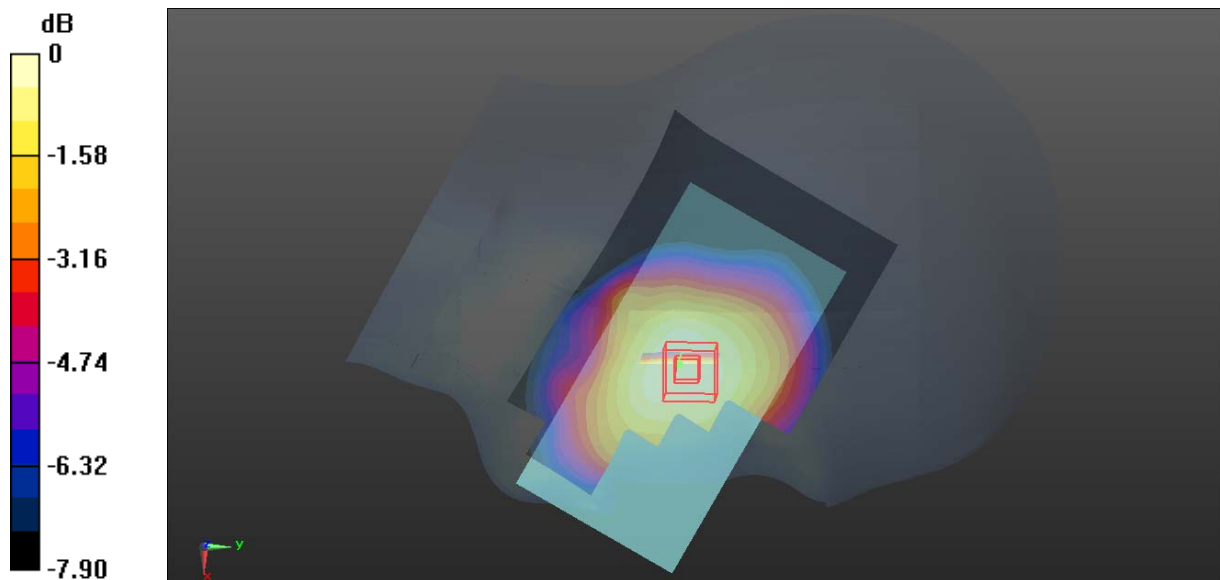
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.335 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 0.626 W/kg



0 dB = 0.626 W/kg = -2.03 dBW/kg

Plot 64#:LTE Band 5_50%RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

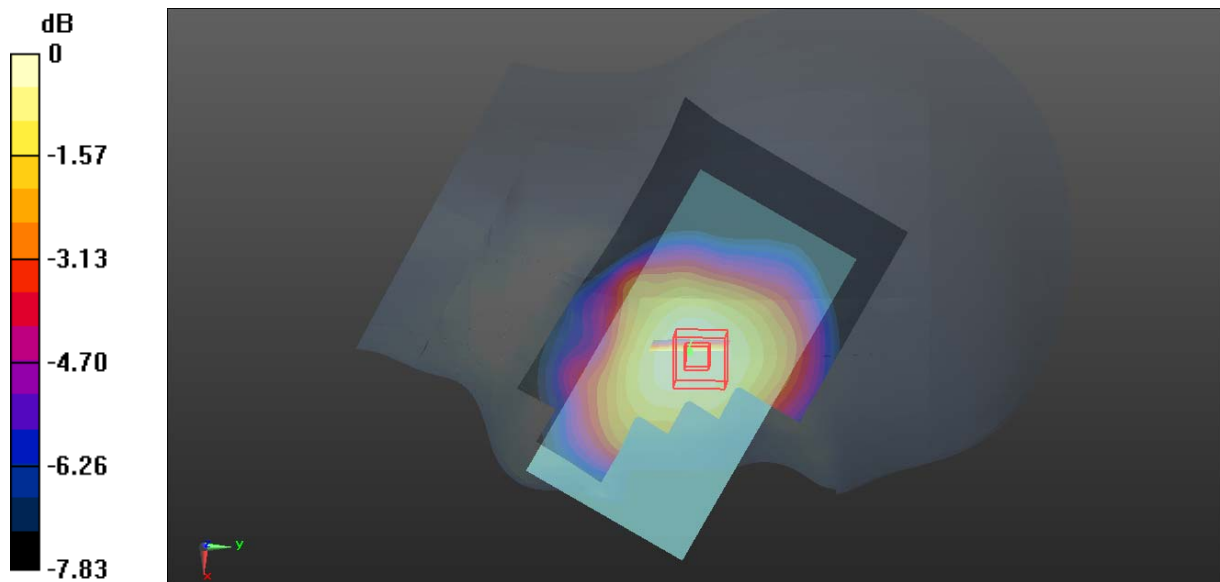
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.220 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.333 W/kg

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



0 dB = 0.507 W/kg = -2.95 dBW/kg

Plot 65#: LTE Band 5_1RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.242 W/kg

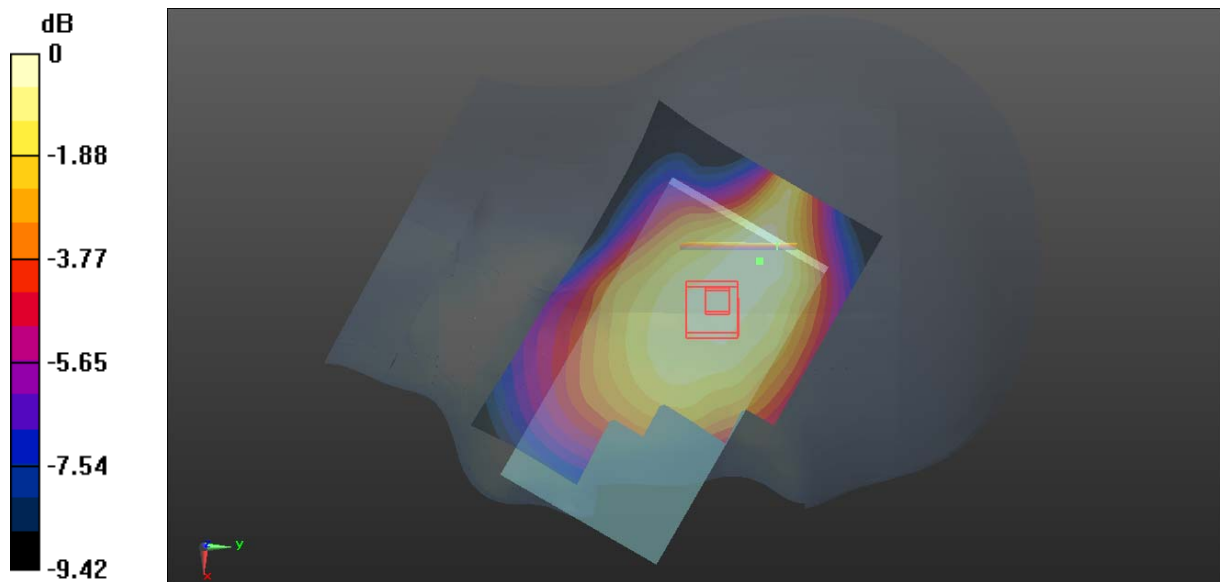
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.34 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

Plot 66#: LTE Band 5_50%RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.196 W/kg

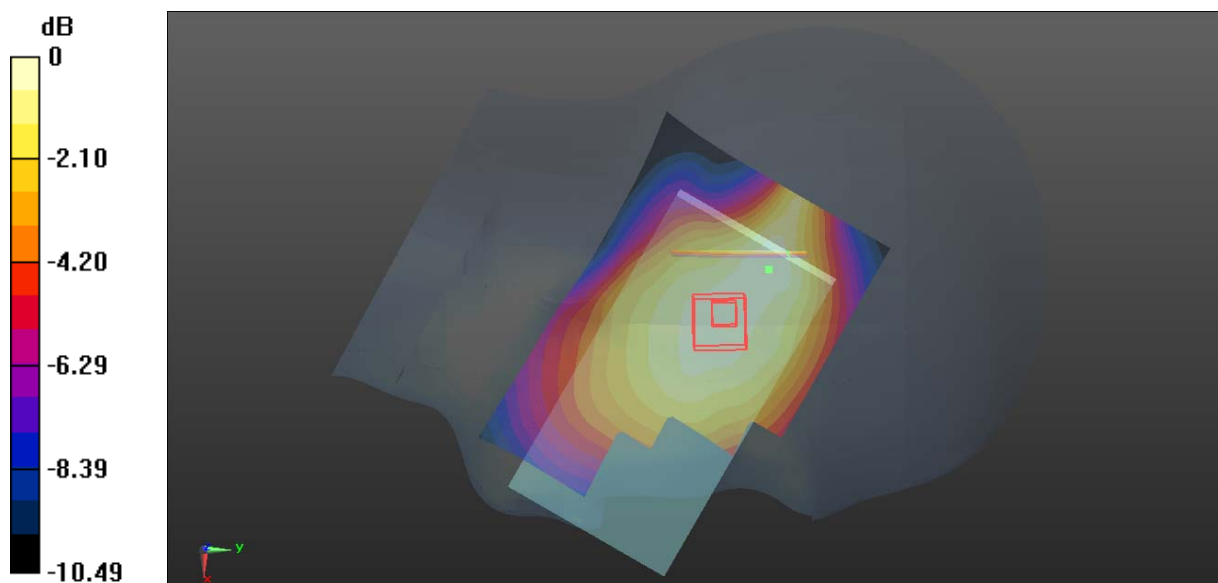
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.33 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.130 W/kg

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



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

Plot 67#: LTE Band 5_1RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.675 W/kg

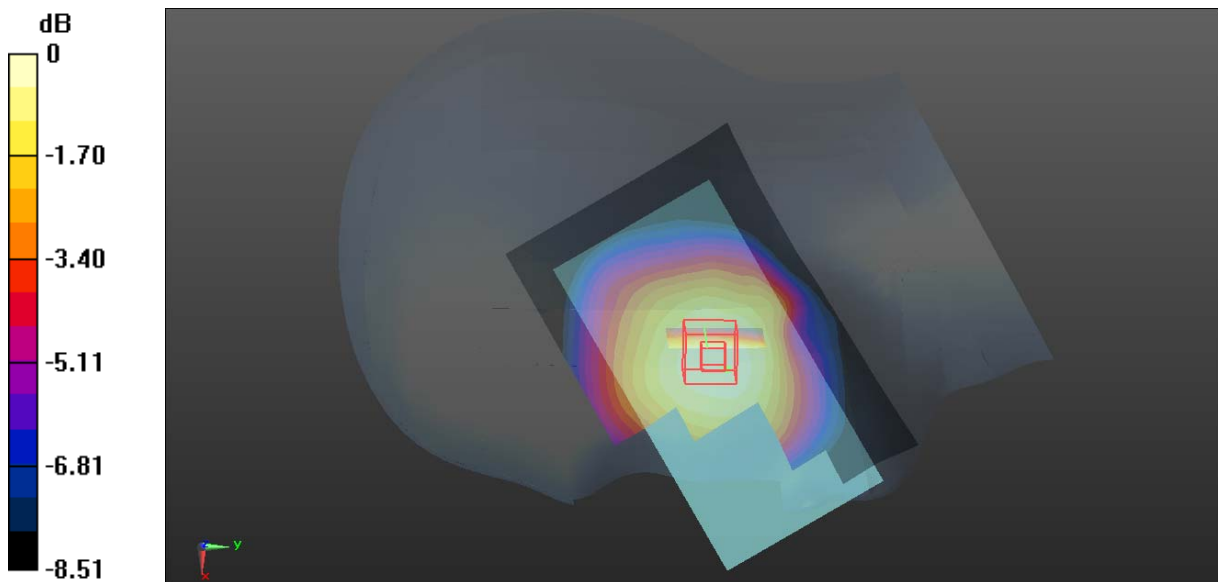
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.676 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.695 W/kg = -1.58 dBW/kg

Plot 68#: LTE Band 5_50%RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.844 W/kg

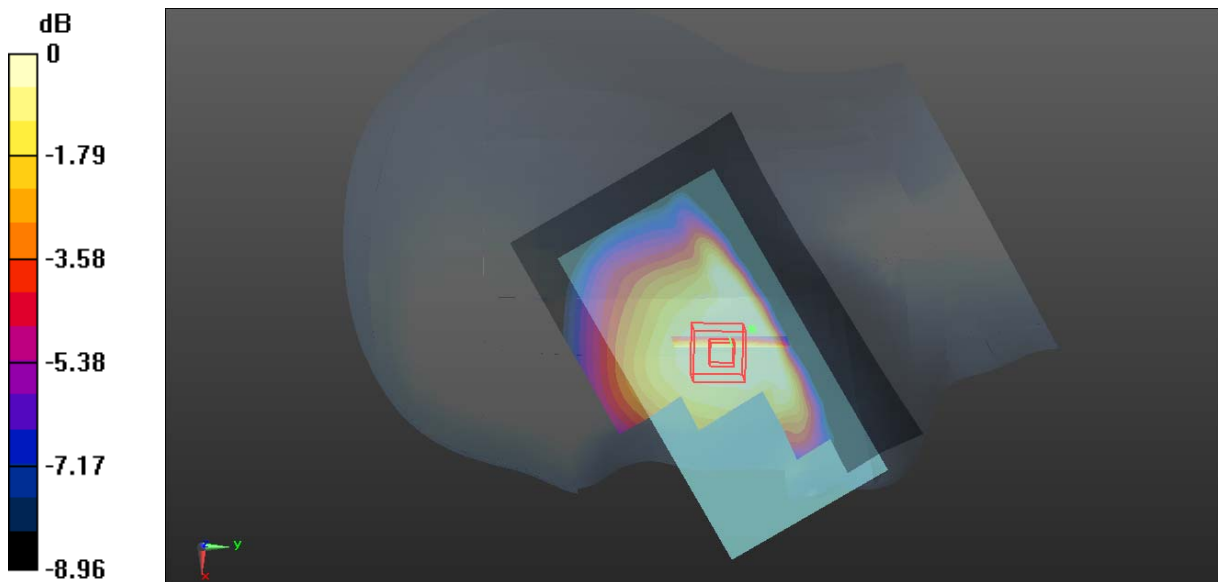
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.385 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.893 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.354 W/kg

Maximum value of SAR (measured) = 0.545 W/kg



0 dB = 0.545 W/kg = -2.64 dBW/kg

Plot 69#: LTE Band 5_1RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.330 W/kg

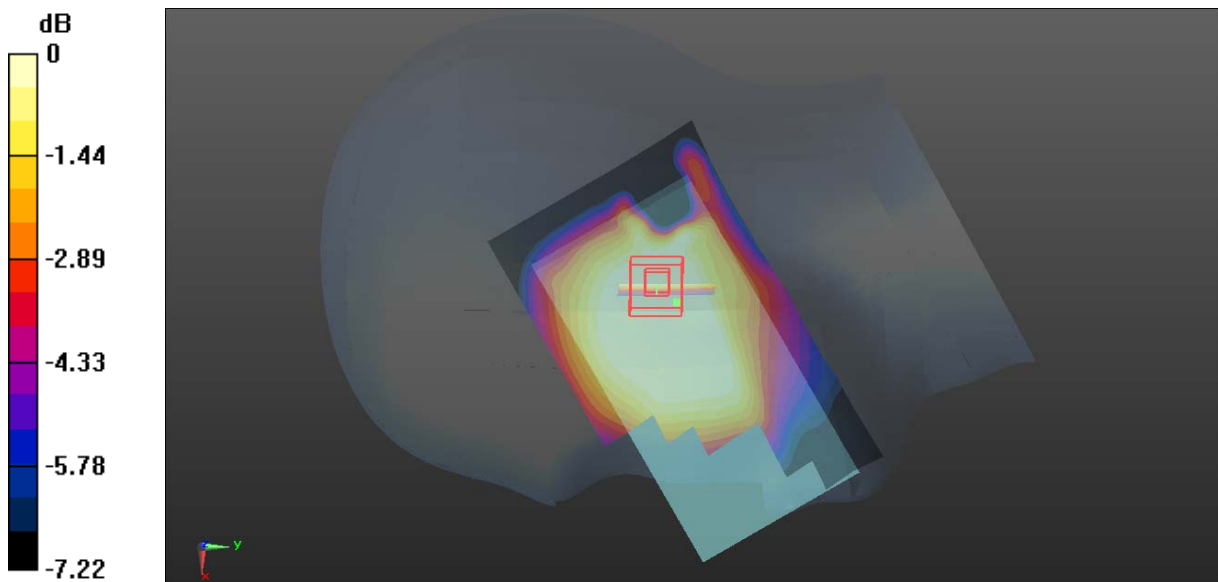
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.77 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

Plot 70#: LTE Band 5_50%RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

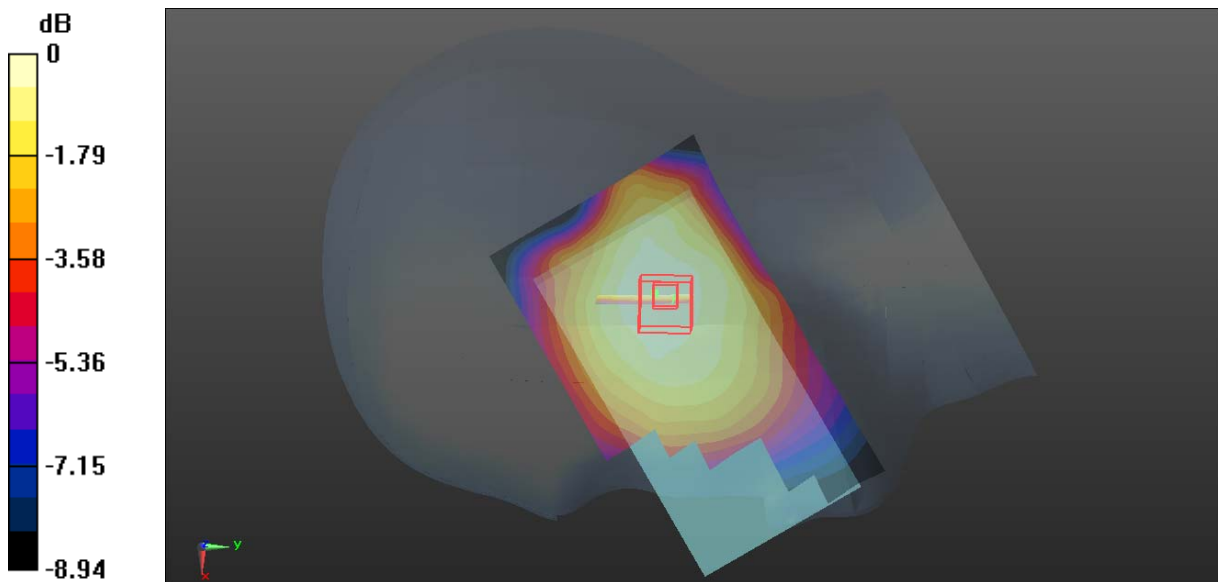
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.23 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

Plot 71#: LTE Band 5_1RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.597 W/kg

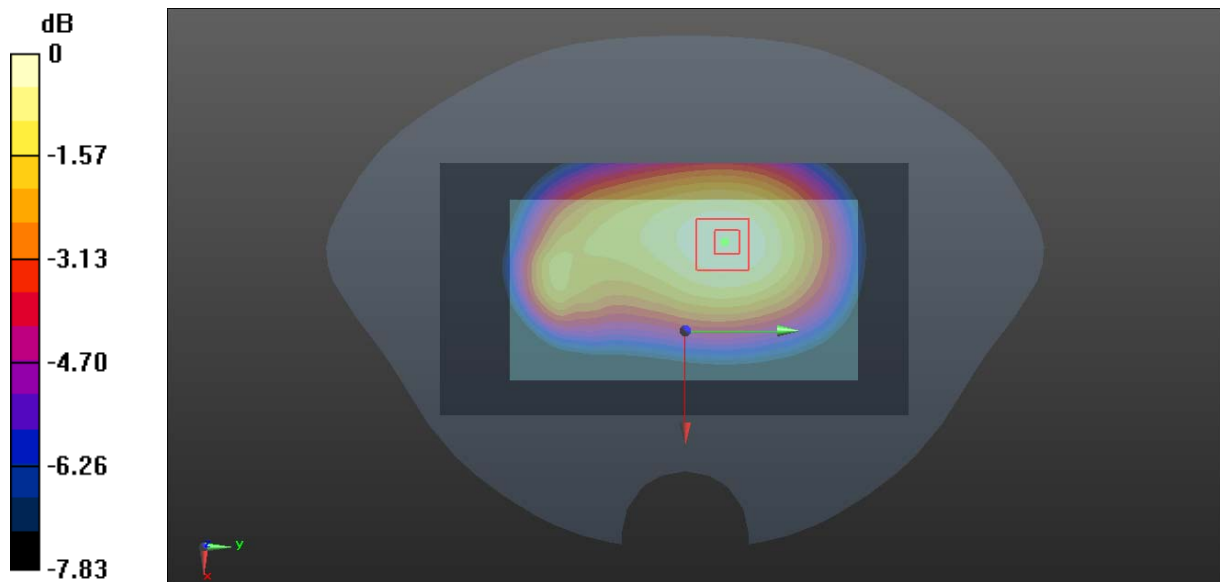
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg = -2.15 dBW/kg

Plot 72#: LTE Band 5_50%RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.480 W/kg

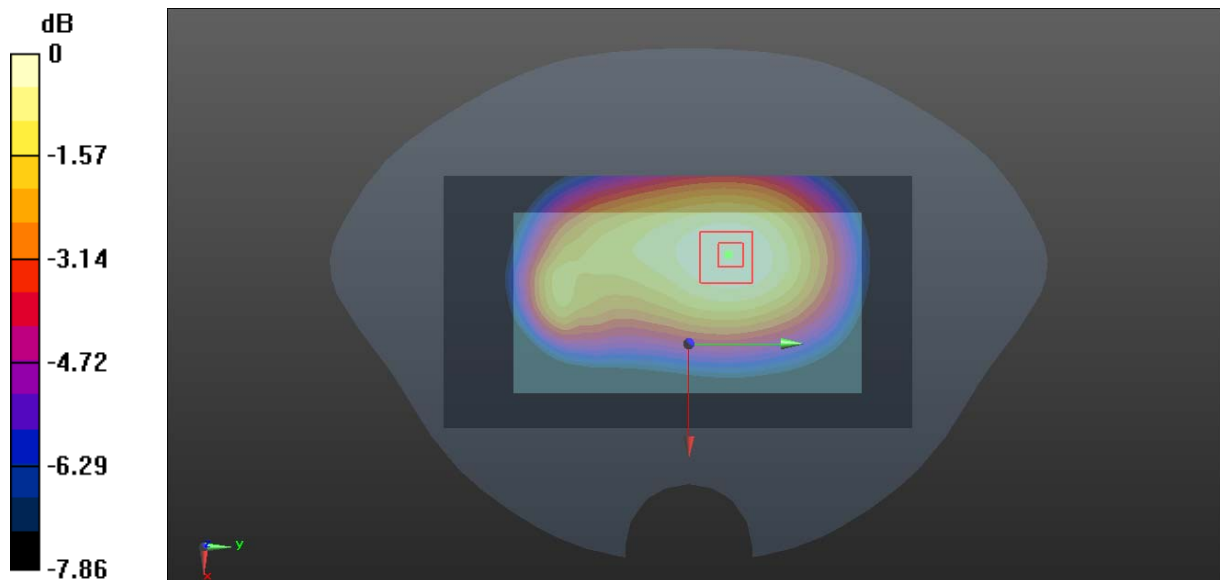
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.56 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

Plot 73#: LTE Band 5_1RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.566 W/kg

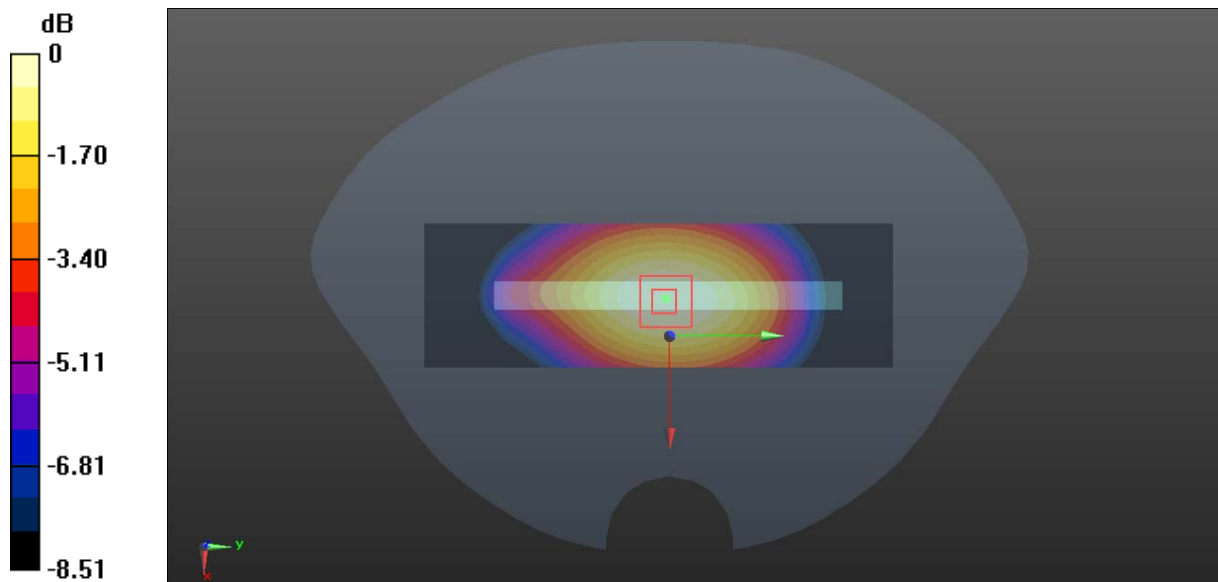
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.75 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

Plot 74#:LTE Band 5_50%RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.416 W/kg

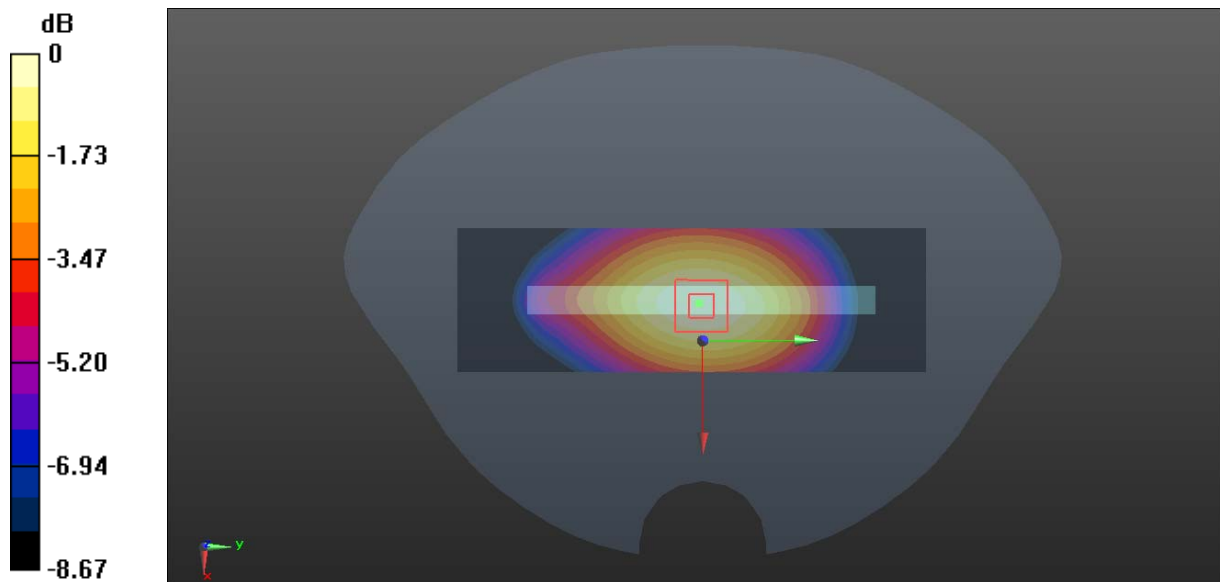
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.09 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

Plot 75#:LTE Band 5_1RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.373 W/kg

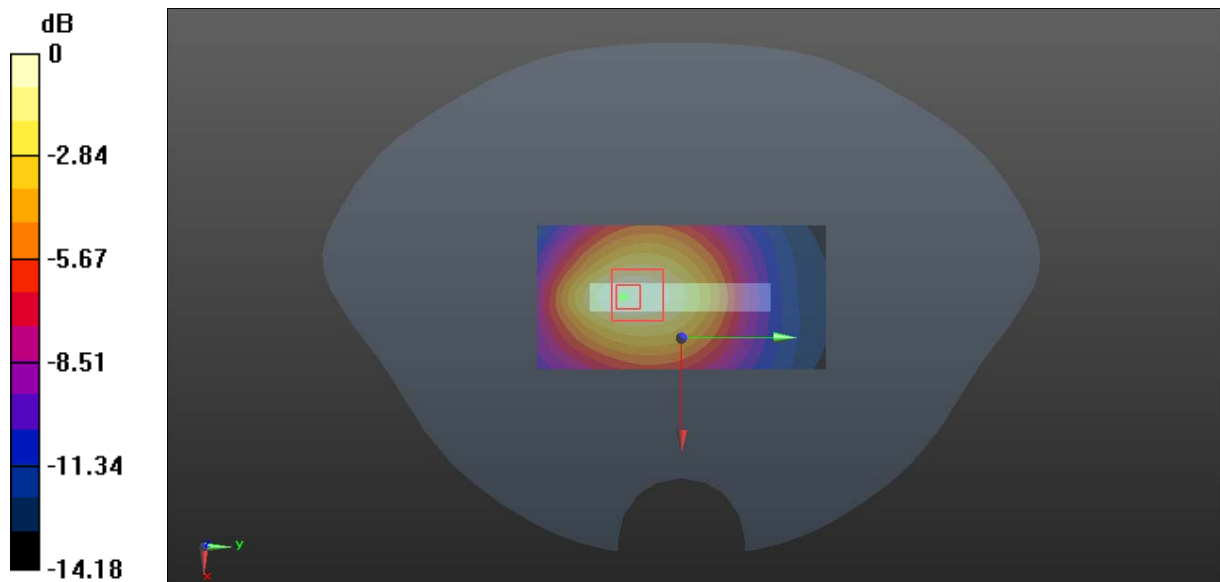
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.96 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.365 W/kg = -4.38 dBW/kg

Plot 76#: LTE Band 5_50%RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- 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 (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.304 W/kg

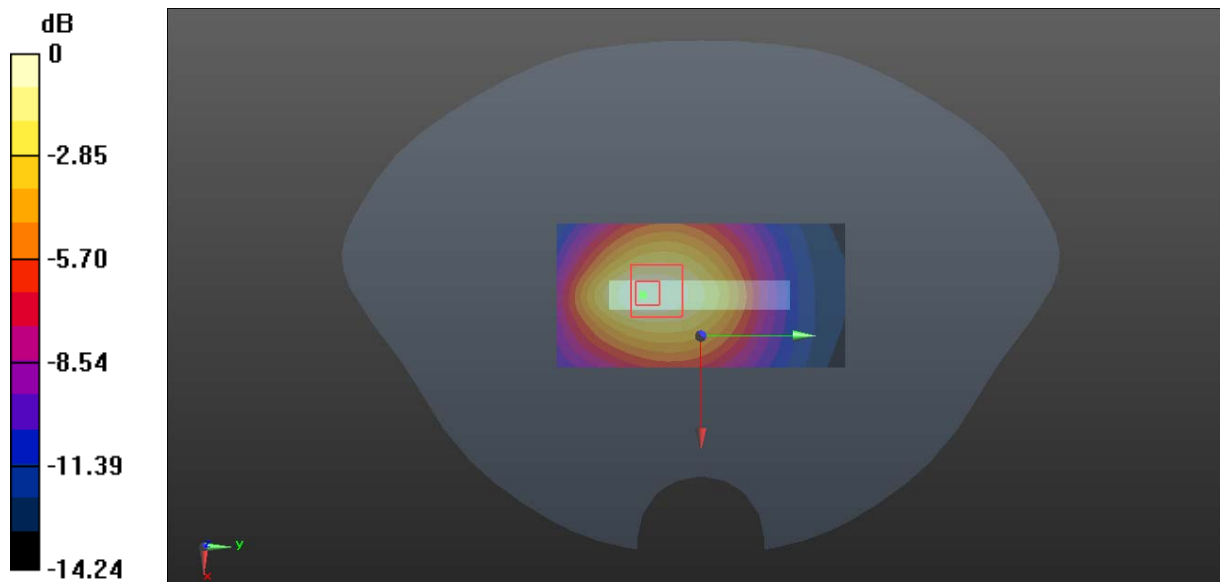
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.20 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.299 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg

Plot 77#:LTE Band 7_1RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

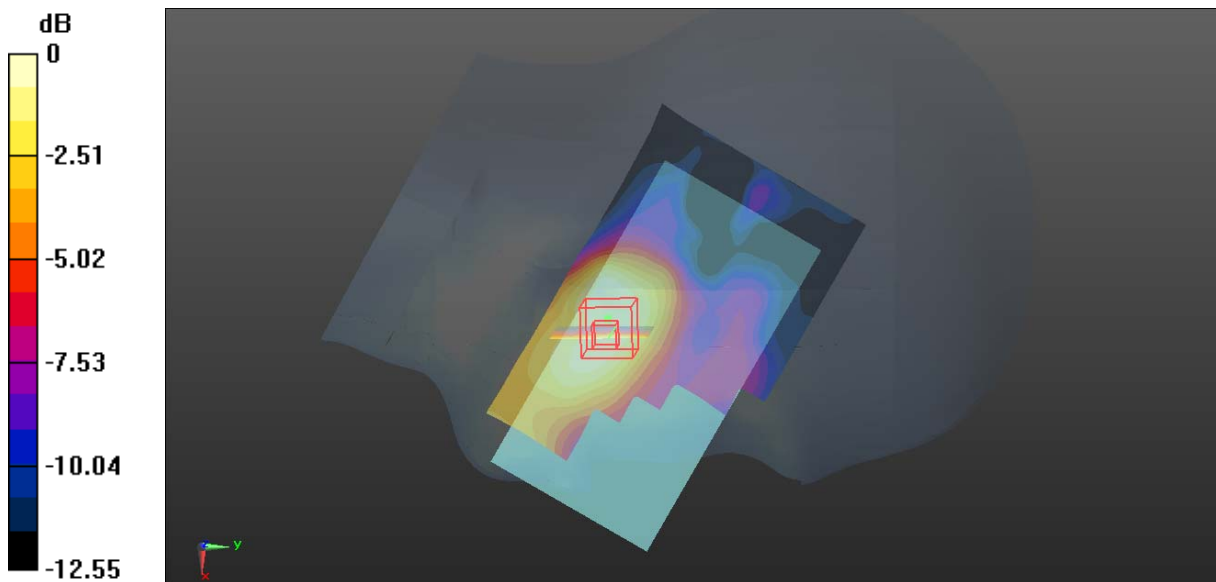
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.734 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

Plot 78#: LTE Band 7_50%RB_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

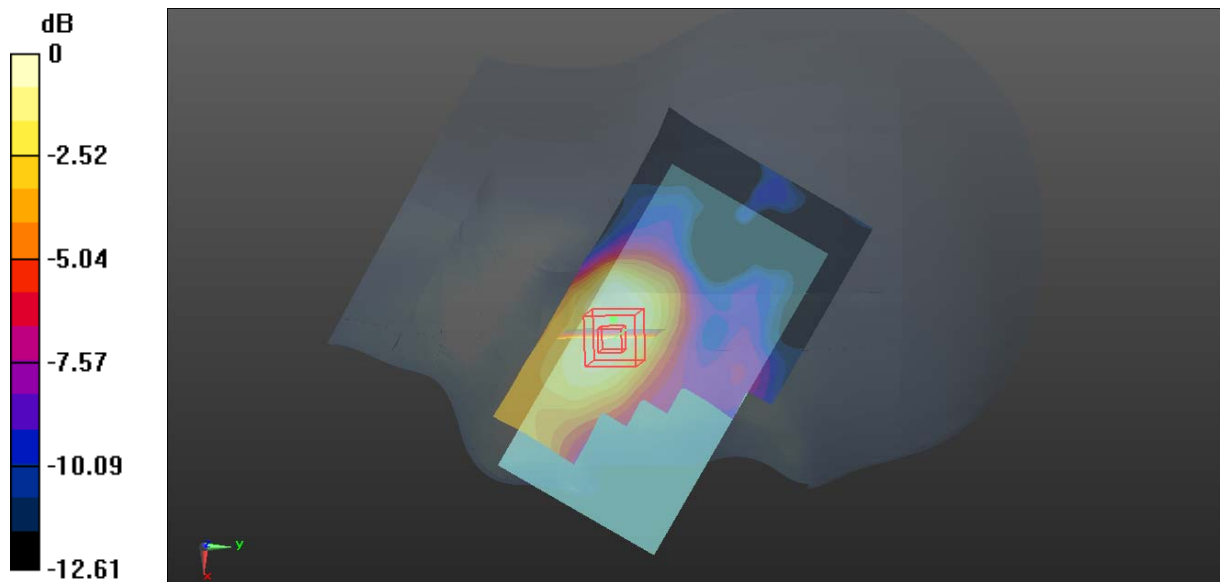
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.155 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

Plot 79#: LTE Band 7_1RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System:, Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0360 W/kg

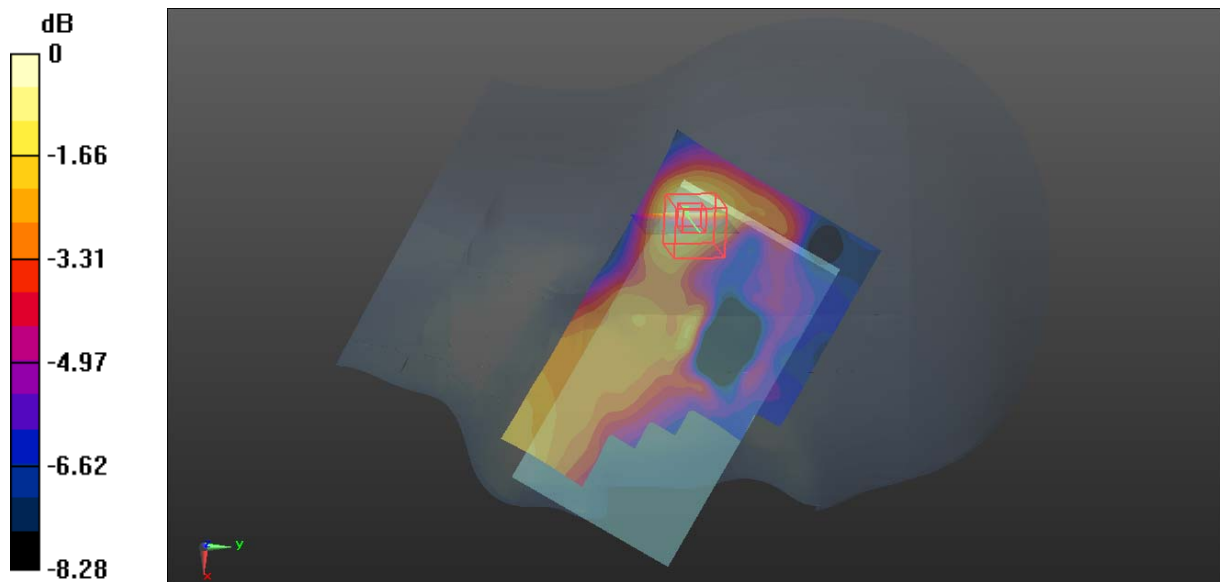
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.897 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0358 W/kg



0 dB = 0.0358 W/kg = -14.46 dBW/kg

Plot 80#: LTE Band 7_50%RB_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0341 W/kg

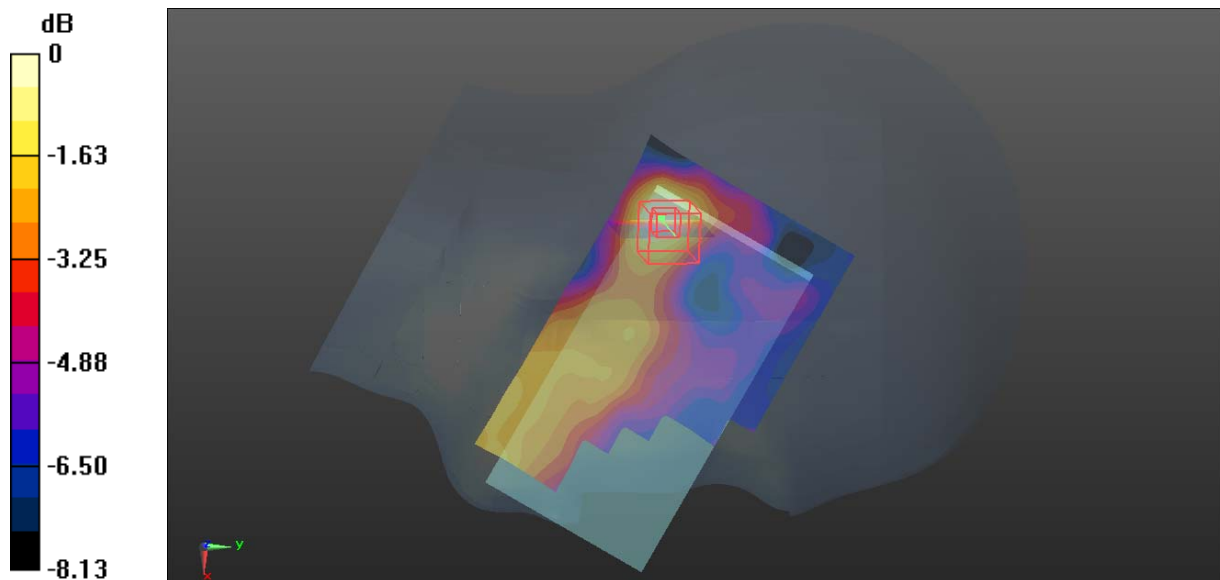
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.488 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0316 W/kg



0 dB = 0.0316 W/kg = -15.00 dBW/kg

Plot 81#: LTE Band 7_1RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0812 W/kg

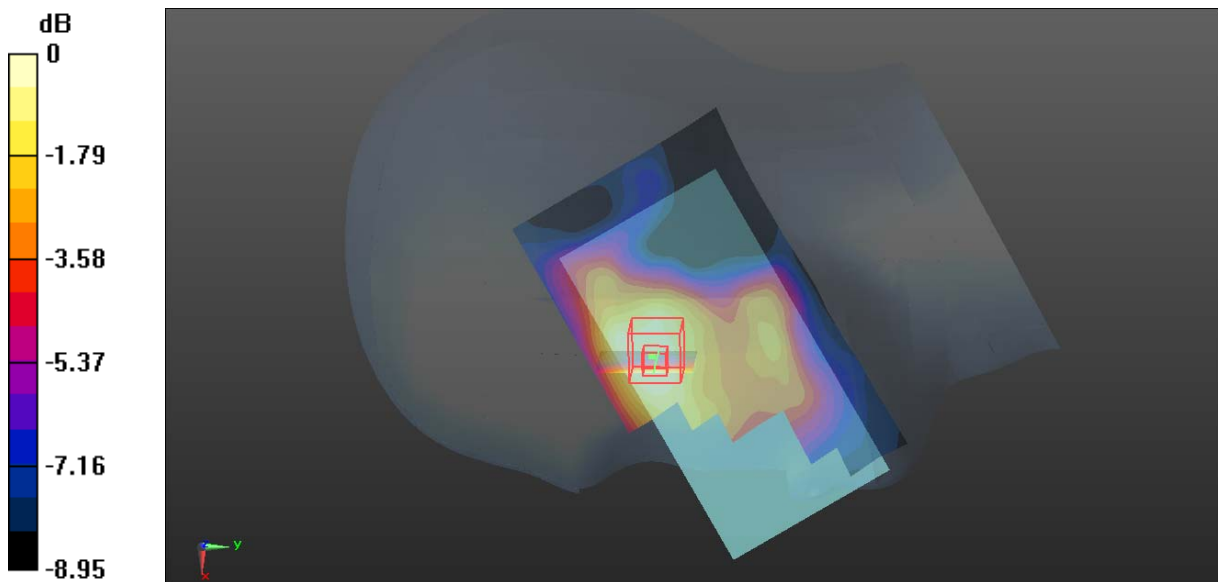
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.078 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0930 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0753 W/kg



0 dB = 0.0753 W/kg = -11.23 dBW/kg

Plot 82#: LTE Band 7 50RB_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0731 W/kg

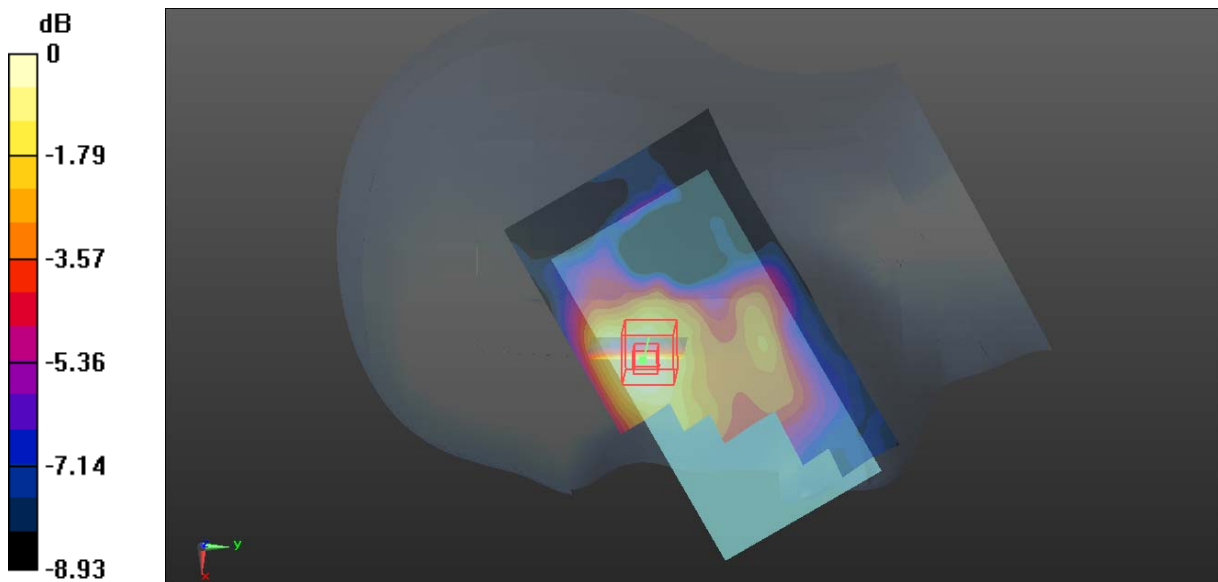
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.641 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0689 W/kg



0 dB = 0.0689 W/kg = -11.62 dBW/kg

Plot 83#: LTE Band 7_1RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0848 W/kg

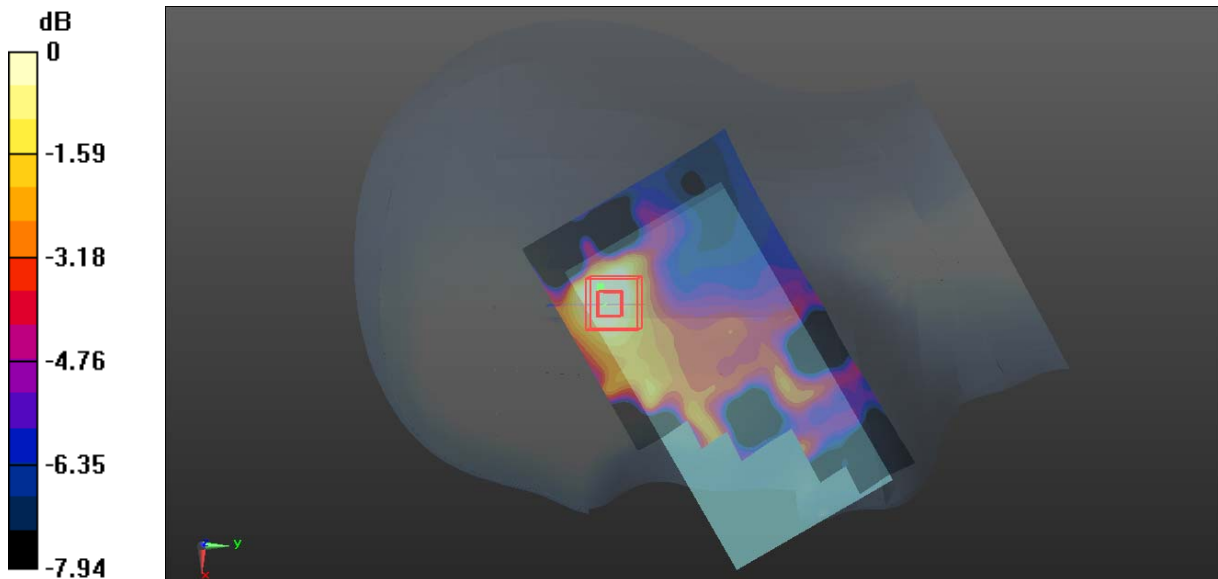
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.200 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0652 W/kg



0 dB = 0.0652 W/kg = -11.86 dBW/kg

Plot 84#: LTE Band 7 50RB_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0533 W/kg

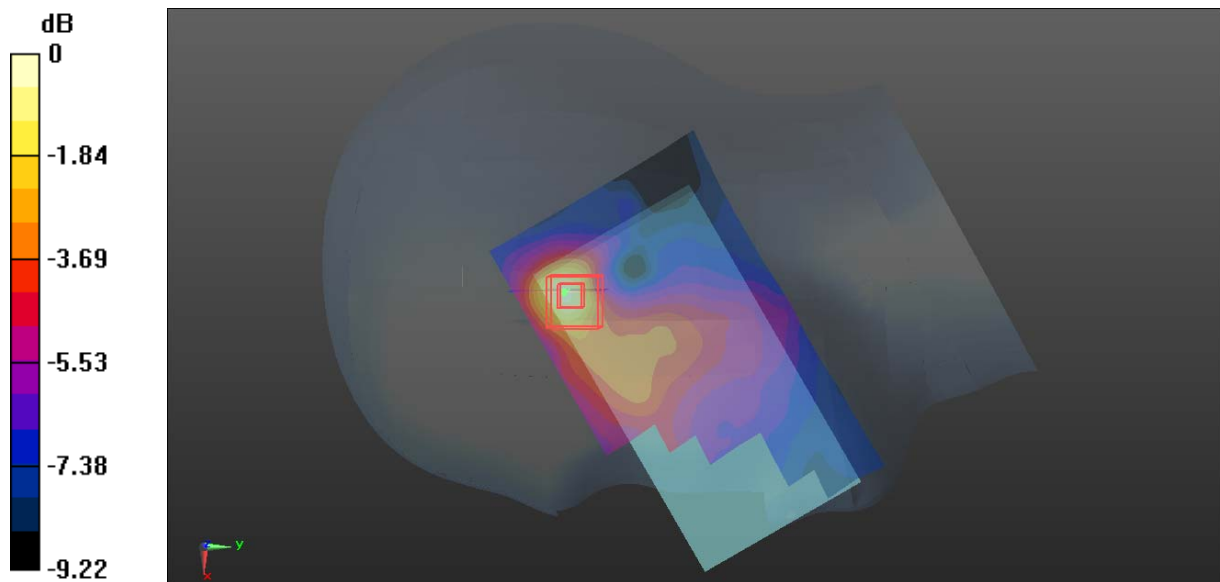
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.569 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0750 W/kg

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

Maximum value of SAR (measured) = 0.0578 W/kg



0 dB = 0.0578 W/kg = -12.38 dBW/kg

Plot 85#: LTE Band 7_1RB_Low_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2510 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.27 W/kg

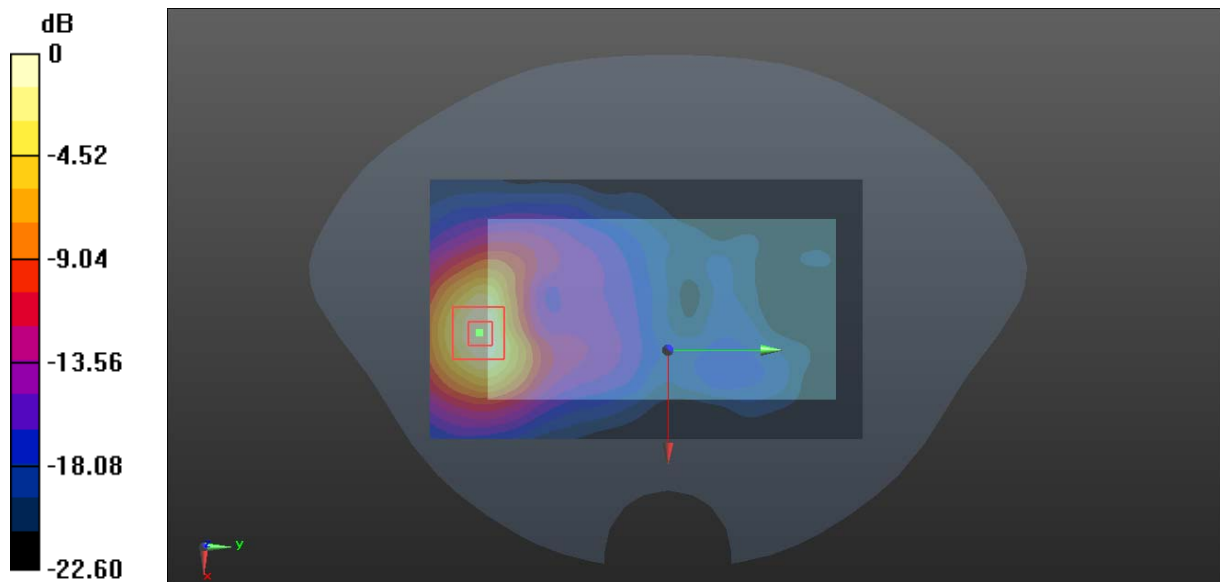
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.626 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.346 W/kg

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



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

Plot 86#:LTE Band 7_1RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

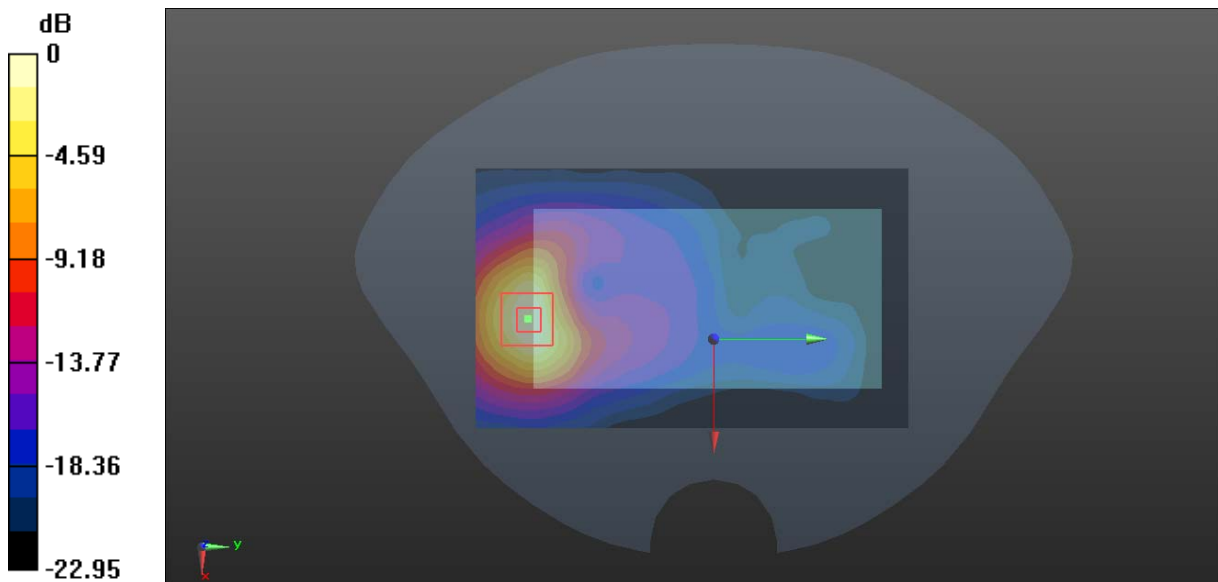
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.210 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.414 W/kg

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



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

Plot 87#: LTE Band 7_1RB_High_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.05, 7.05, 7.05) @ 2560 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.99 W/kg

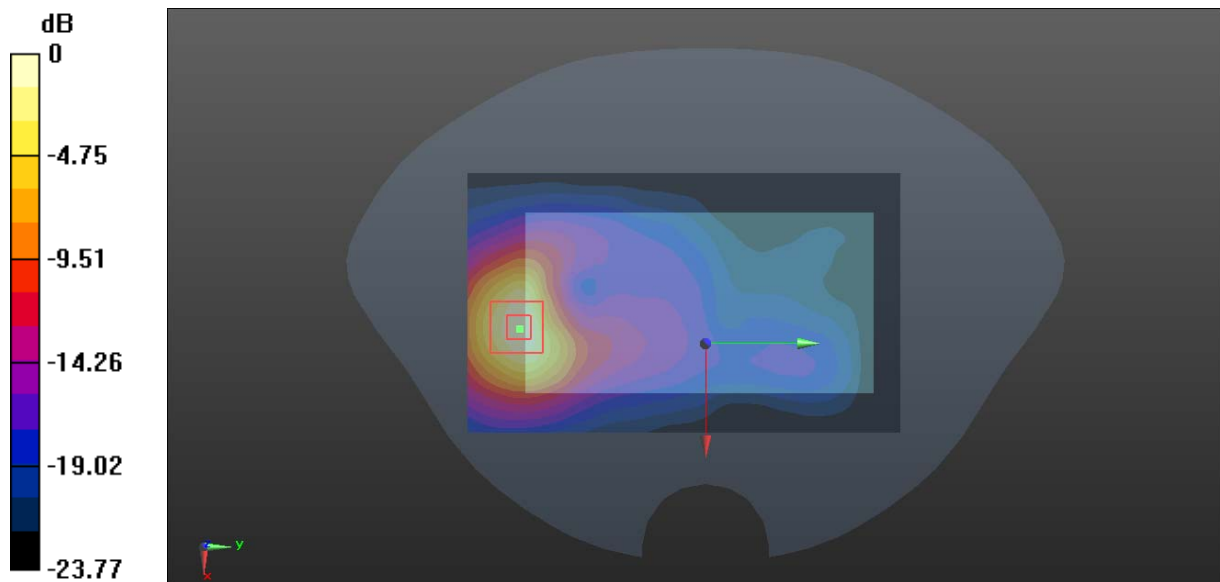
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.584 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.521 W/kg

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



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

Plot 88#:LTE Band 7_50%RB_Low_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2510 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.987 W/kg

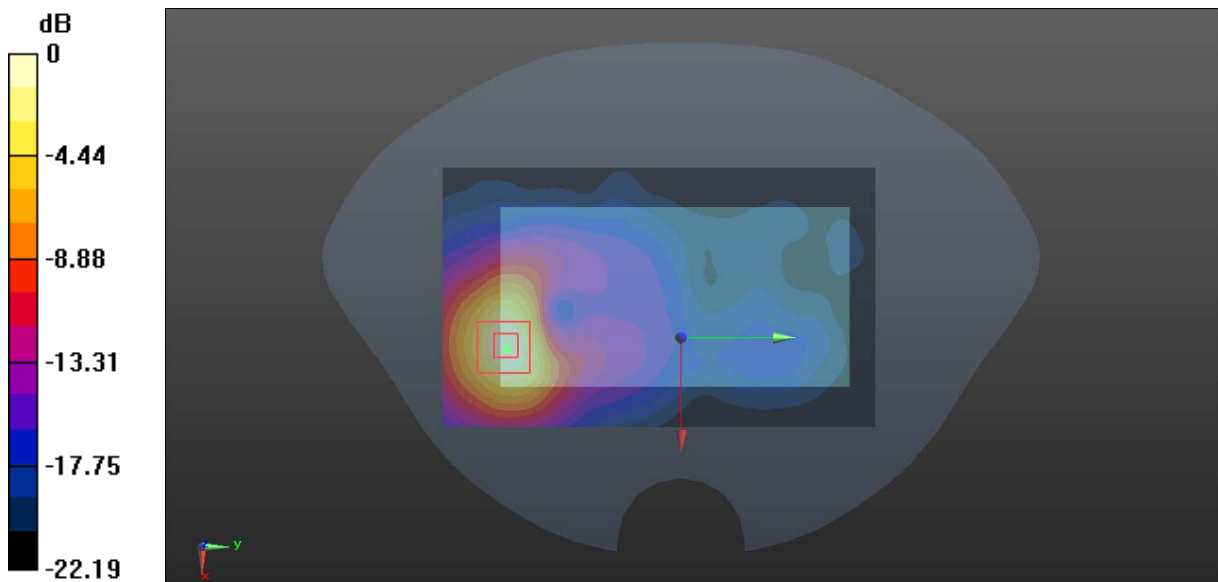
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.034 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Plot 89#: LTE Band 7_50%RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

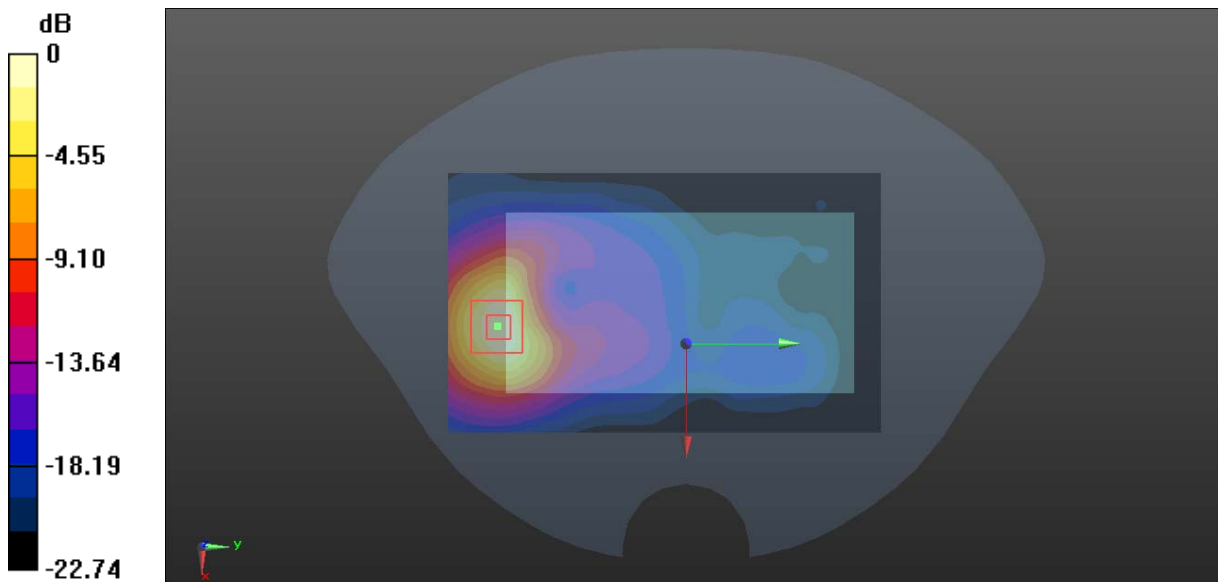
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.973 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Plot 90#:LTE Band 7_50%RB_High_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.05, 7.05, 7.05) @ 2560 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

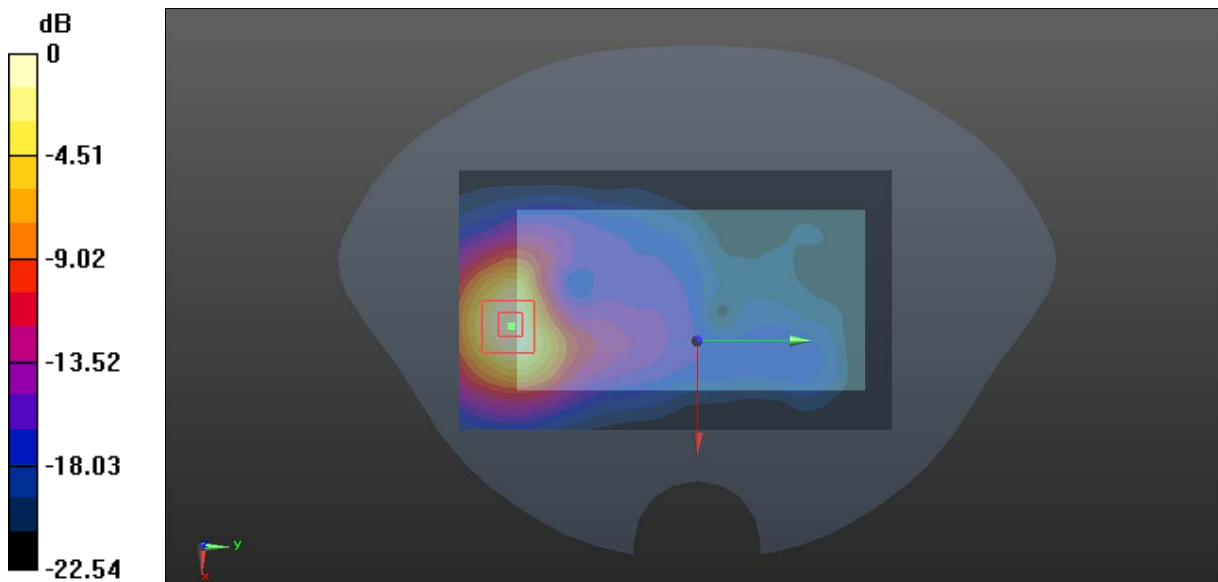
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.342 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Plot 91#:LTE Band 7_100%RB_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

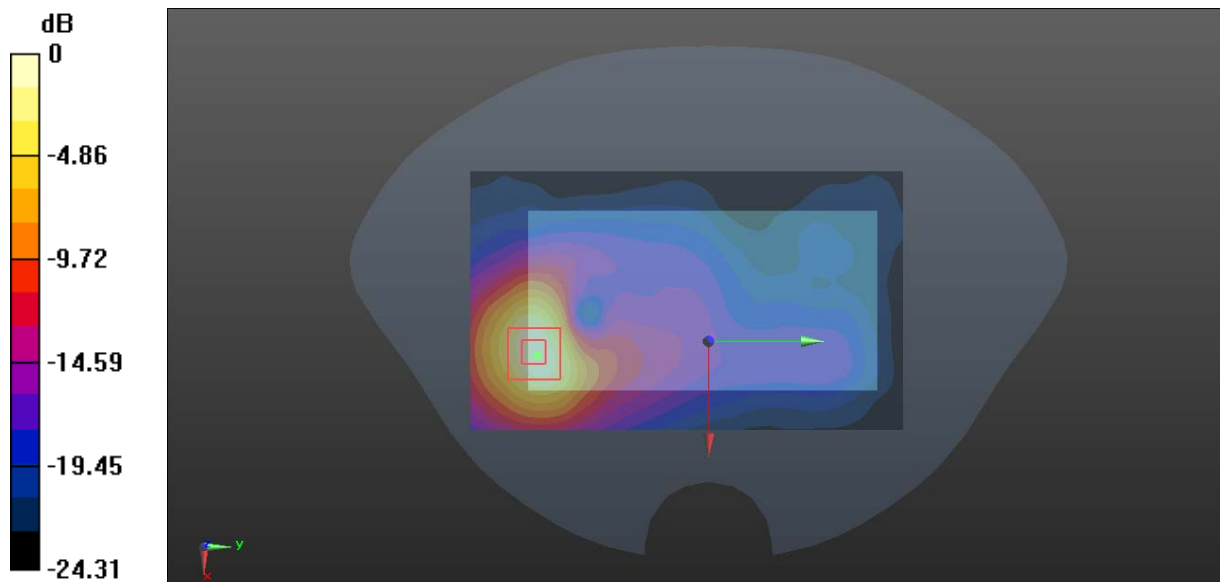
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.802 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

Plot 92#: LTE Band 7_1RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.258 W/kg

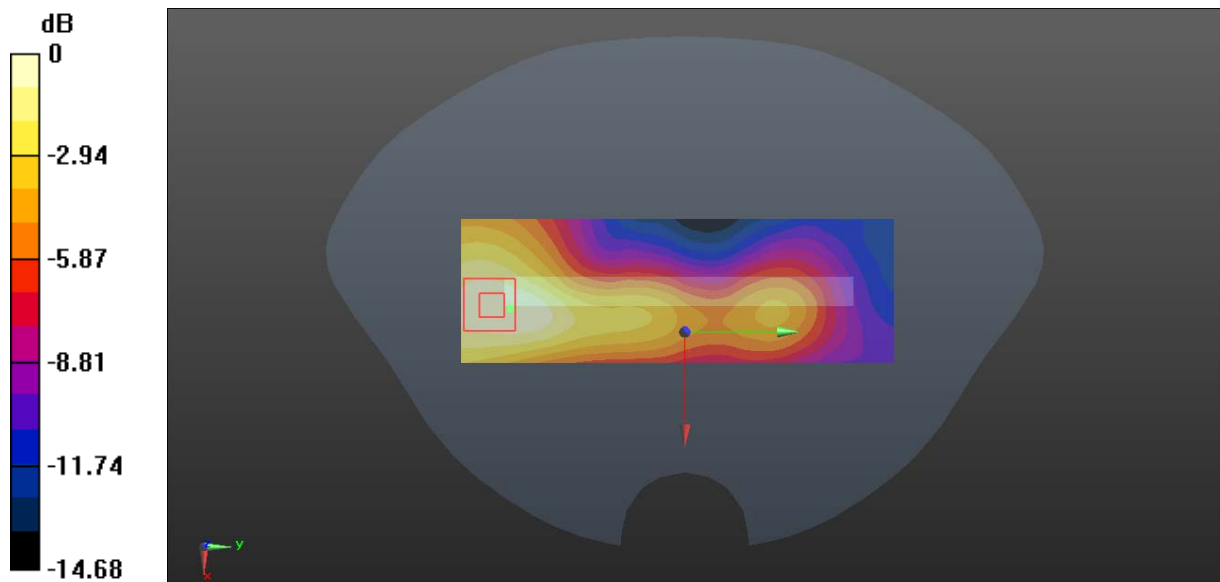
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.027 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg = -6.00 dBW/kg

Plot 93#: LTE Band 7_50%RB_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.214 W/kg

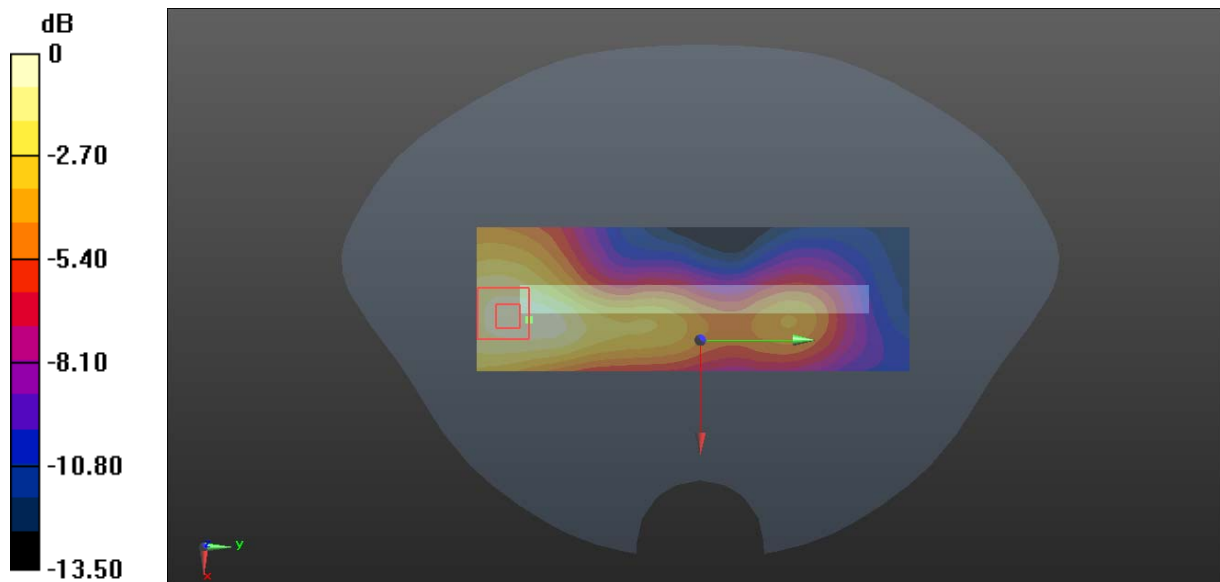
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.828 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.084 W/kg

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



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

Plot 94#: LTE Band 7_1RB_Low_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2510 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.998 W/kg

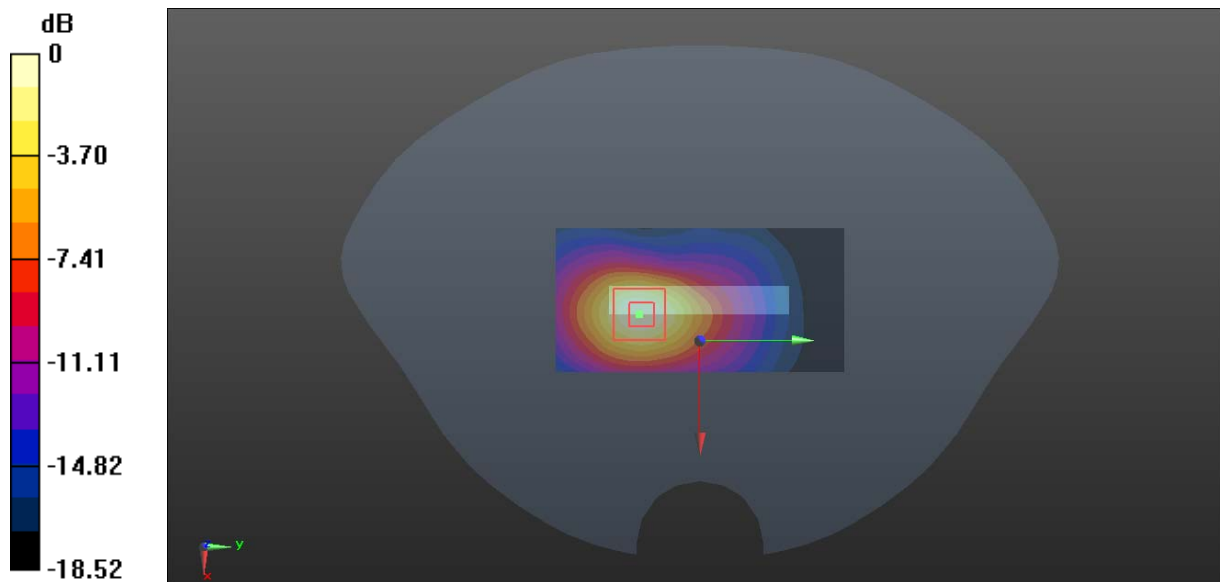
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.88 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Plot 95#: LTE Band 7_1RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System:, Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

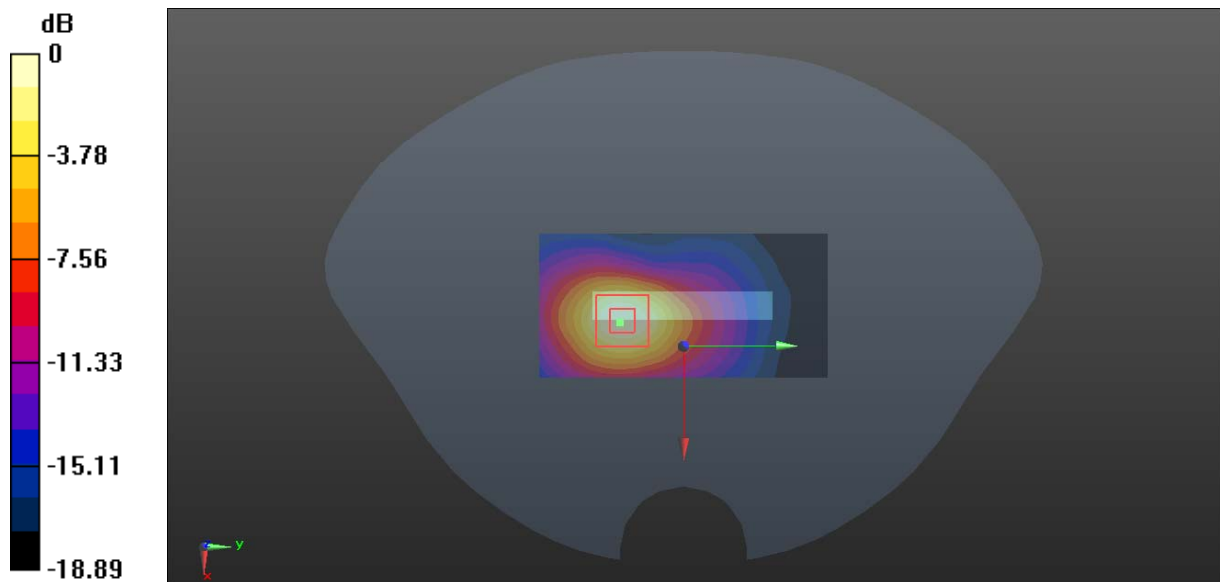
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.08 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.513 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Plot 96#: LTE Band 7_1RB_High_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.05, 7.05, 7.05) @ 2560 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

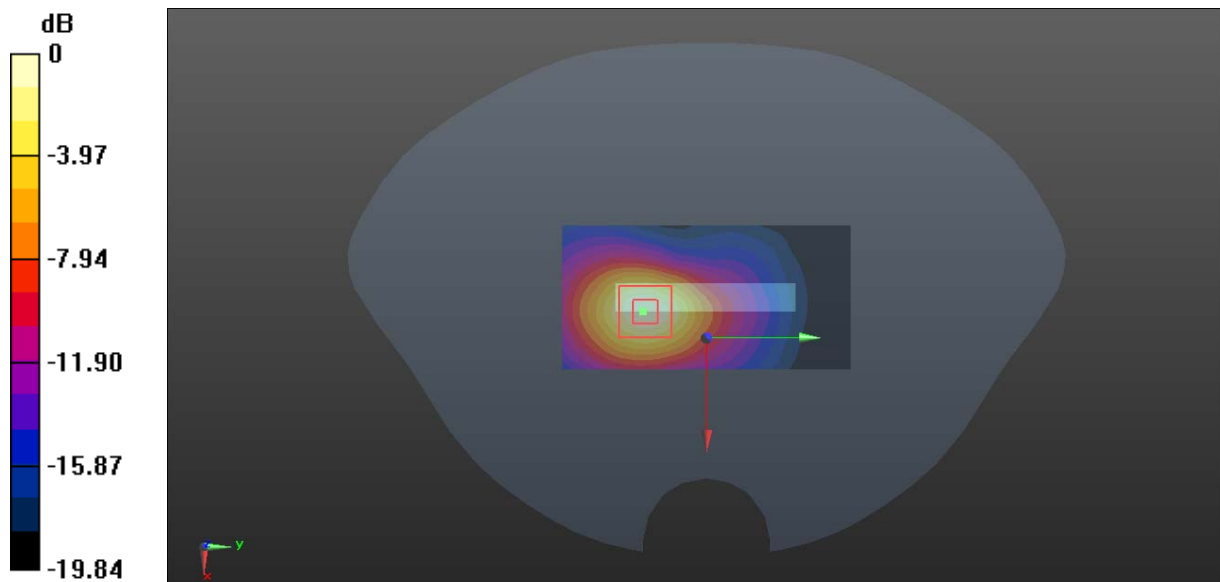
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.28 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.629 W/kg

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

Plot 97#: LTE Band 7_50%RB_Low_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2510 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.885 W/kg

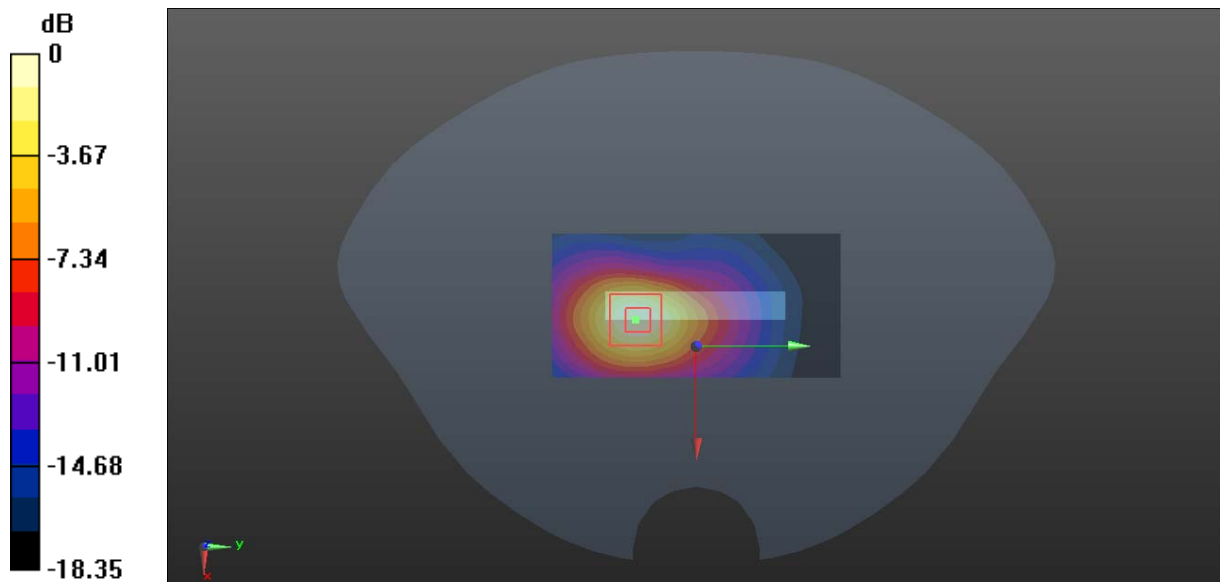
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.27 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.368 W/kg

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



0 dB = 0.884 W/kg = -0.54 dBW/kg

Plot 98#:LTE Band 7_50%RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

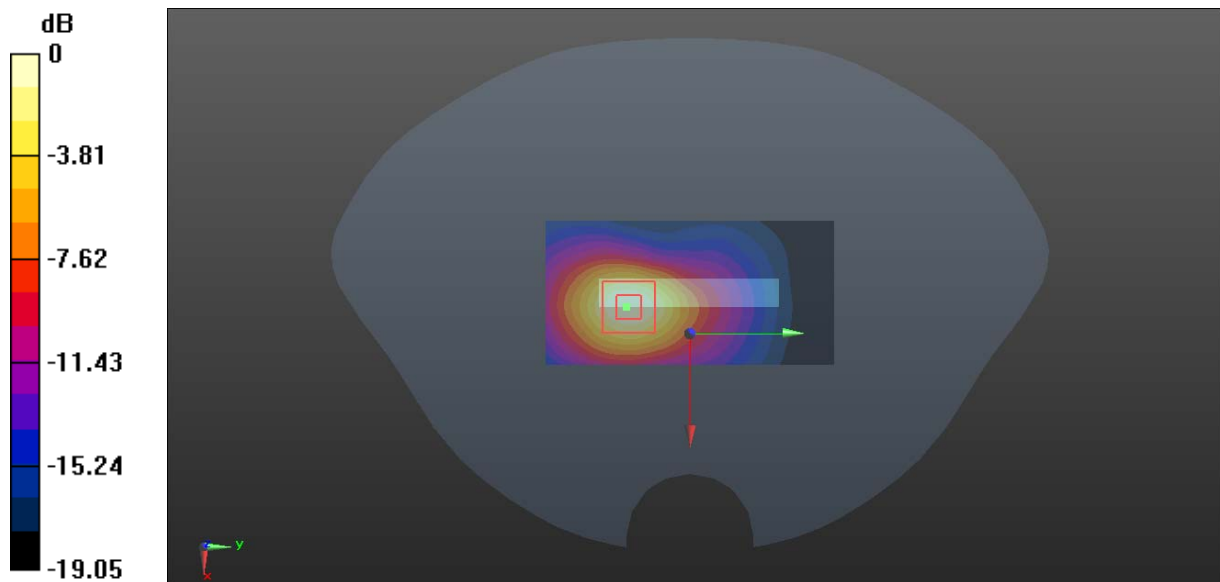
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.63 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

Plot 99#:LTE Band 7_50%RB_High_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.05, 7.05, 7.05) @ 2560 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

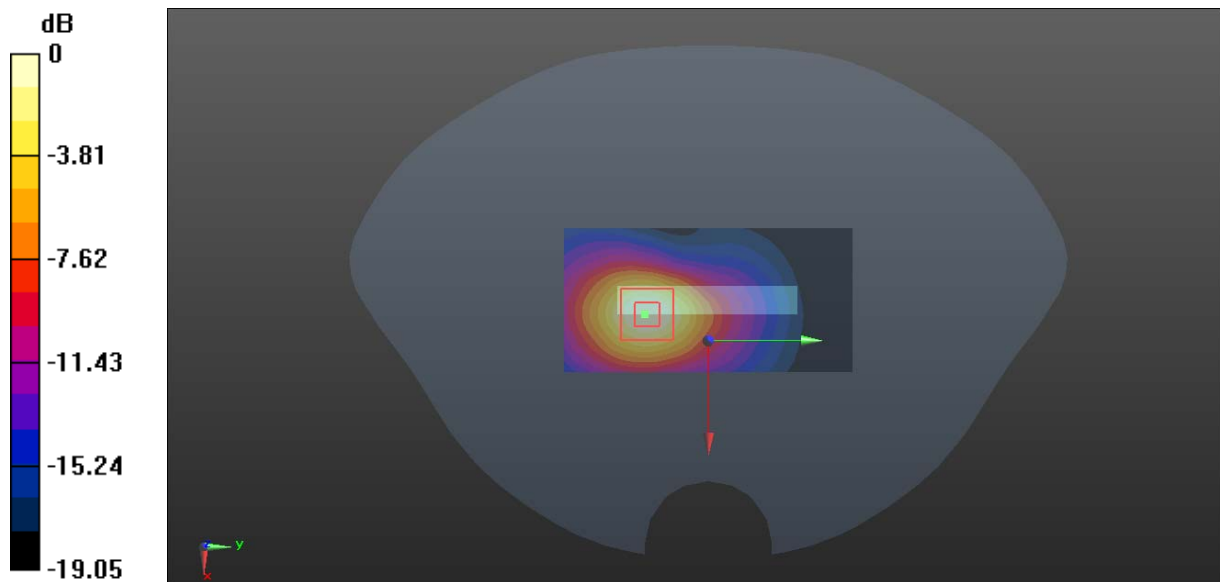
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.844 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Plot 100#:LTE Band 7_100%RB_Mid_Body Bottom**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2535 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.920 W/kg

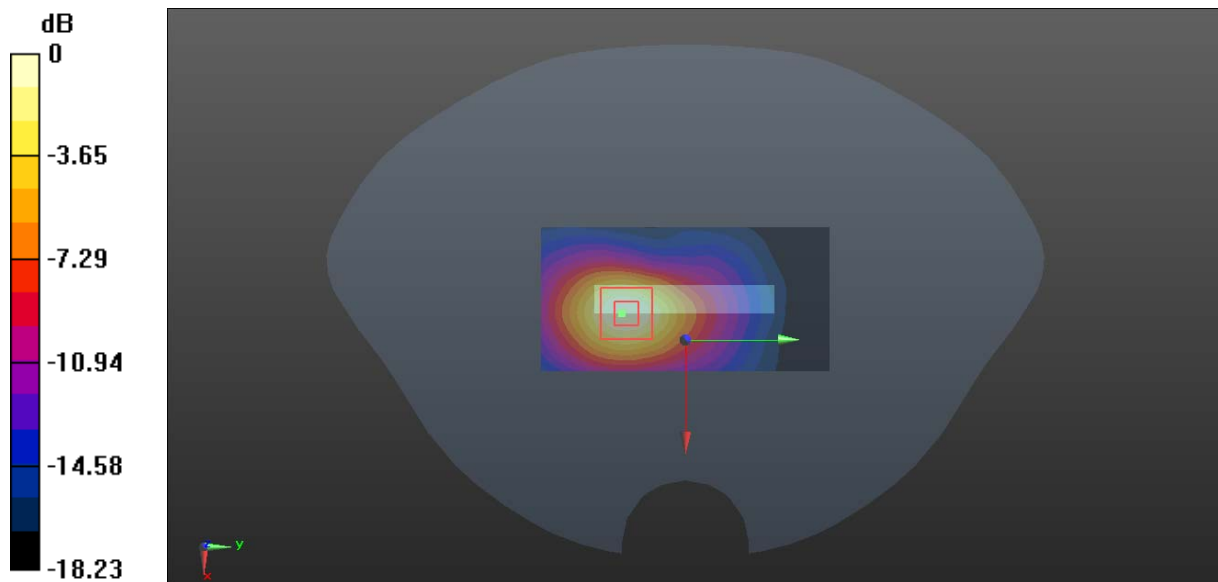
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.902 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.911 W/kg



0 dB = 0.911 W/kg = -0.40 dBW/kg

Plot 101#: 2.4G Wi-Fi Mode B_Mid_Head Left Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.252 W/kg

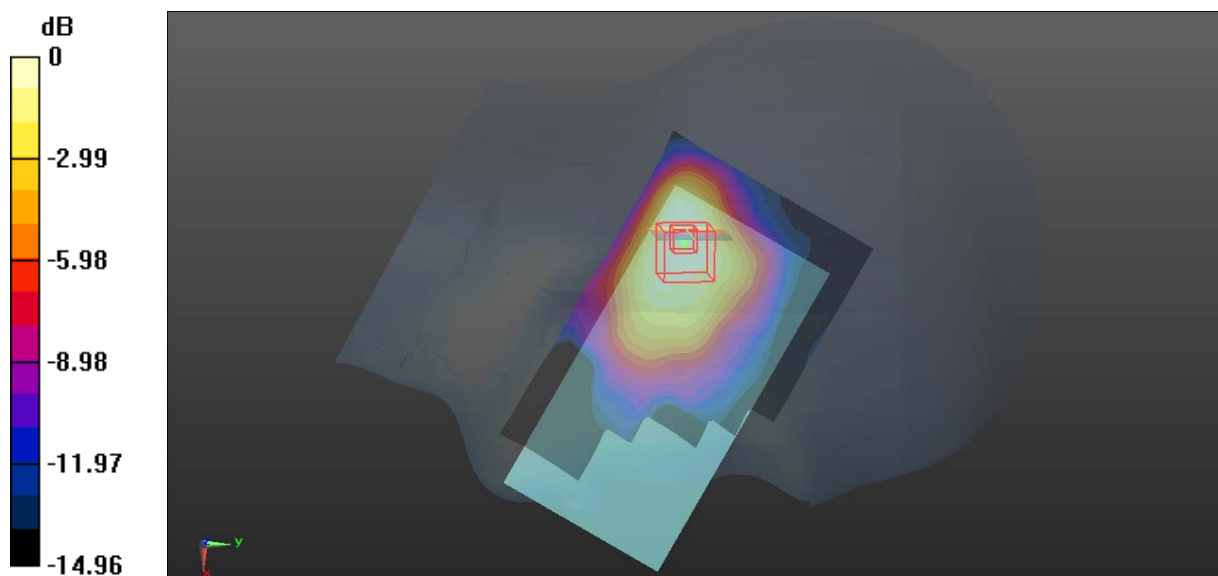
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.067 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

Plot 102#: 2.4G Wi-Fi Mode B_Mid_Head Left Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

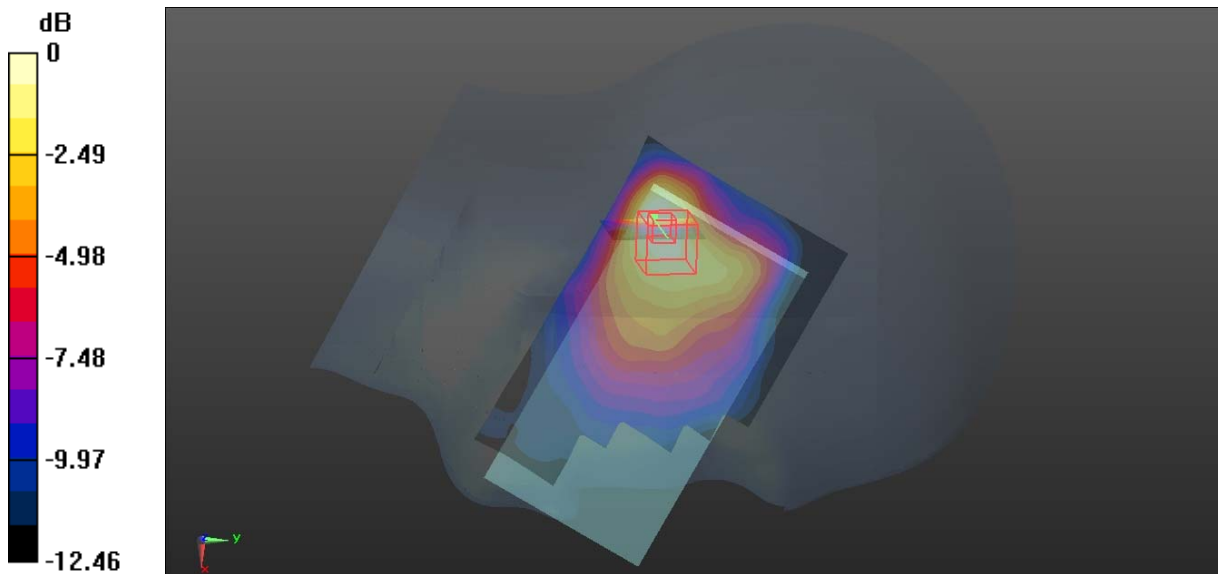
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.283 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

Plot 103#: 2.4G Wi-Fi Mode B_Mid_Head Right Cheek**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.653 W/kg

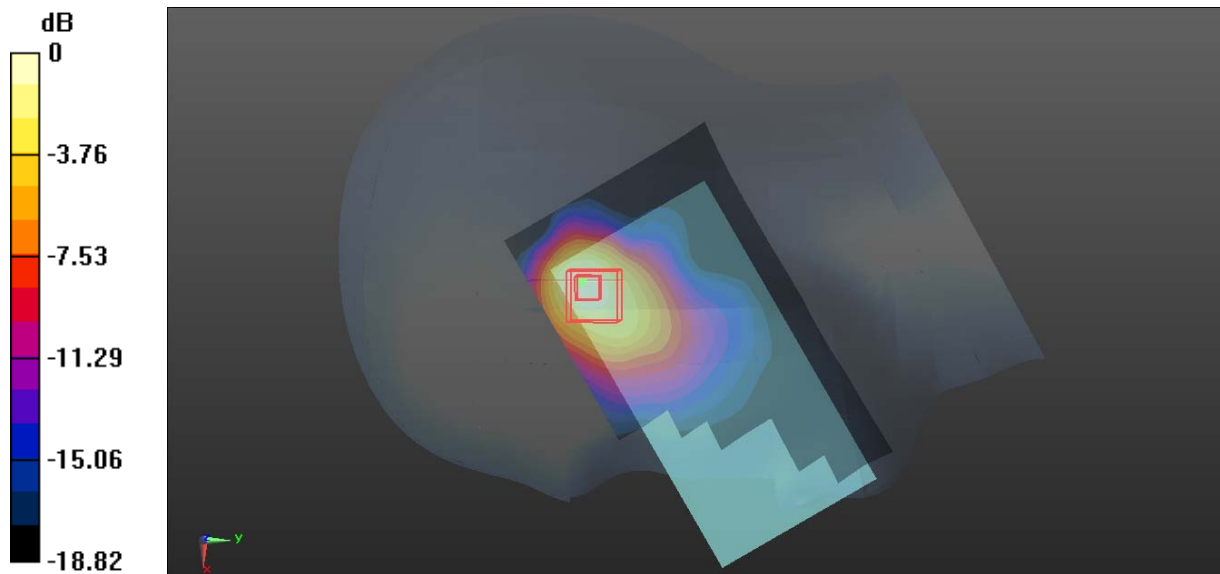
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.131 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.860 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

Plot 104#: 2.4G Wi-Fi Mode B_Mid_Head Right Tilt**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.322 W/kg

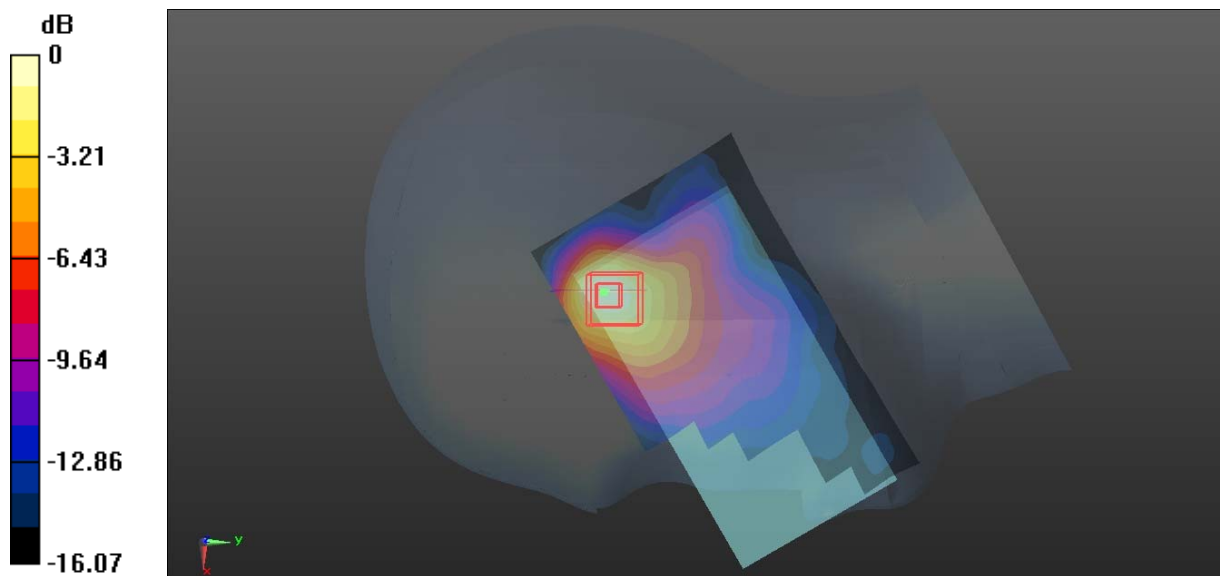
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.471 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Plot 105#: 2.4G Wi-Fi Mode B_Mid_Body Back**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (91x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

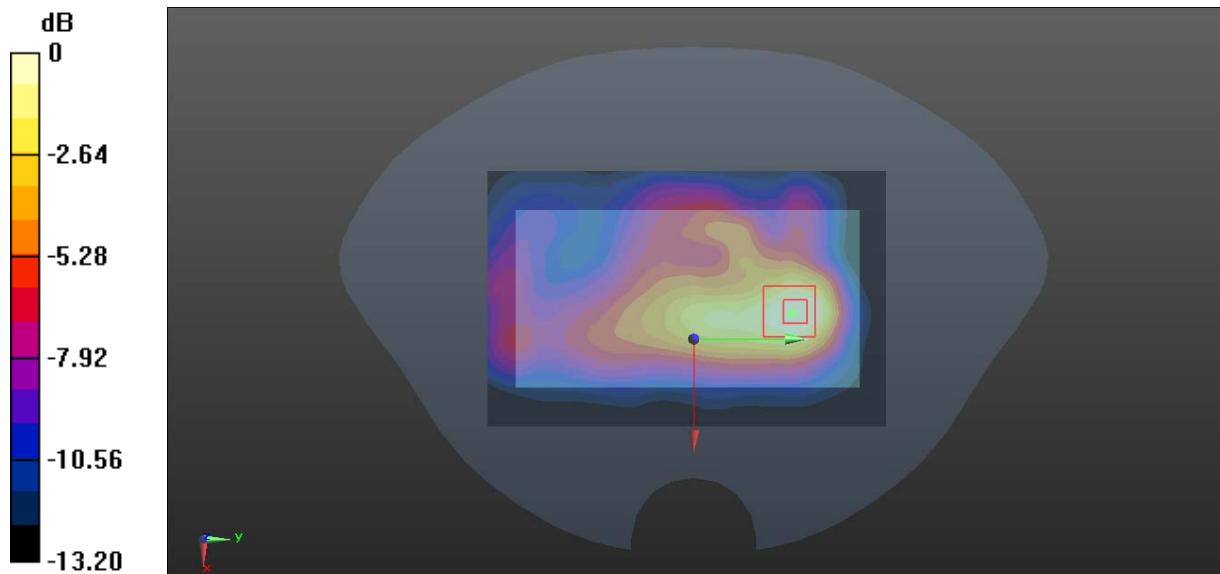
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.142 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.065 W/kg

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



0 dB = 0.190 W/kg = -7.21 dBW/kg

Plot 106#: 2.4G Wi-Fi Mode B_Mid_Body Left**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0708 W/kg

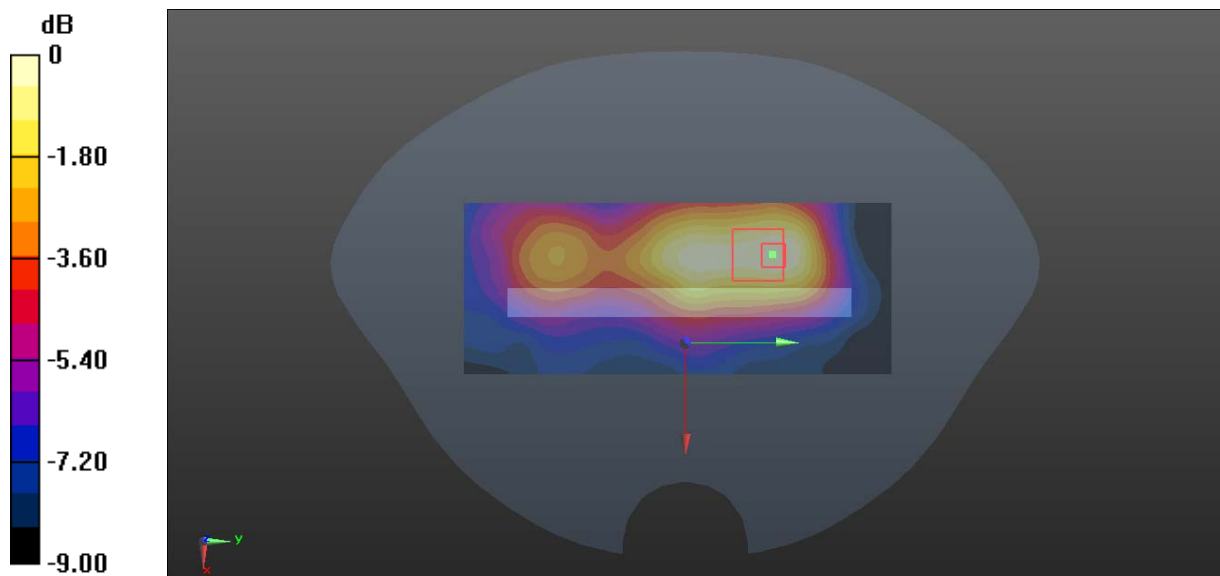
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.019 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0699 W/kg



0 dB = 0.0699 W/kg = -11.56 dBW/kg

Plot 107#: 2.4G Wi-Fi Mode B_Mid_Body Top**DUT: Mobile Phone; Type: ASTRO 5X; Serial: DG1210804-32645E-SA-S1**

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.357$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.25, 7.25, 7.25) @ 2437 MHz; Calibrated: 2021/4/19
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0511 W/kg

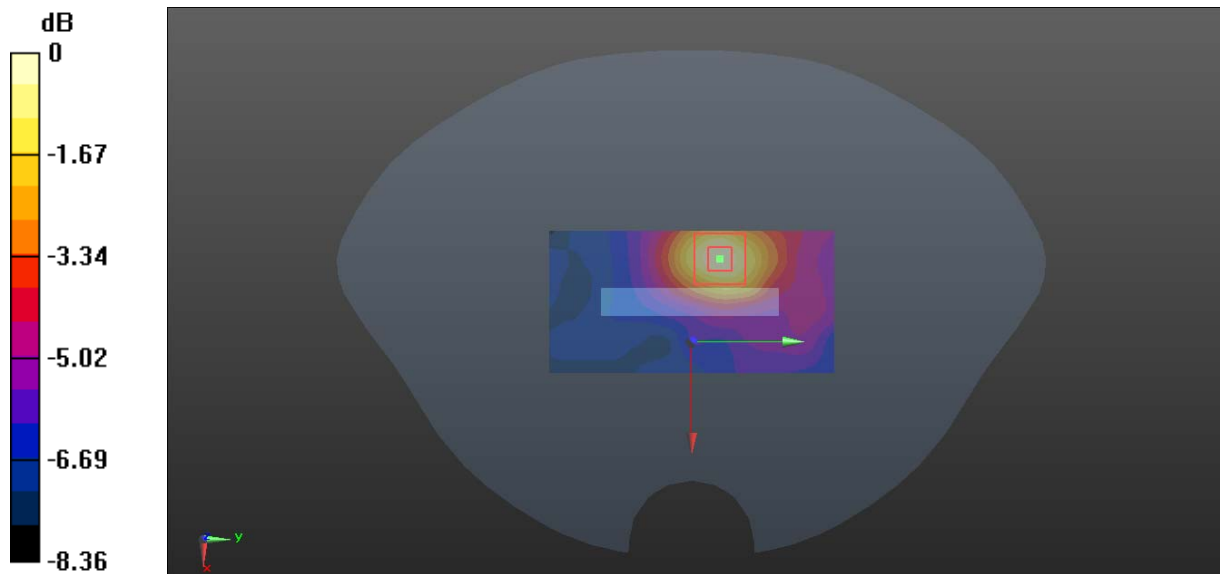
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.348 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0533 W/kg



0 dB = 0.0533 W/kg = -12.73 dBW/kg