Plot101#: LTE Band 41_Body Right_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

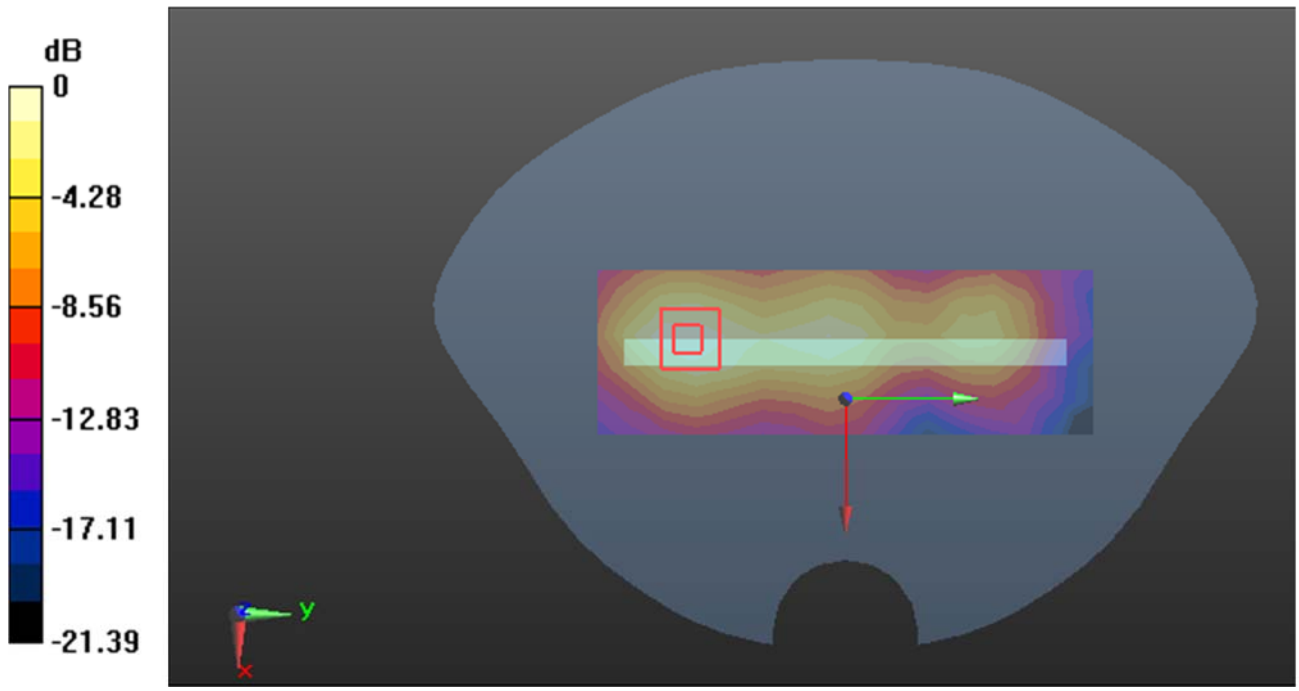
Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium parameters used: f =2595 MHz; σ = 1.927 S/m; ε_r = 38.748; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.52, 4.52, 4.52) @2595 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0779 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.336 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0821 W/kg



0 dB = 0.0821 W/kg = -10.86 dBW/kg

Plot102#: LTE Band 41_Body Right_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

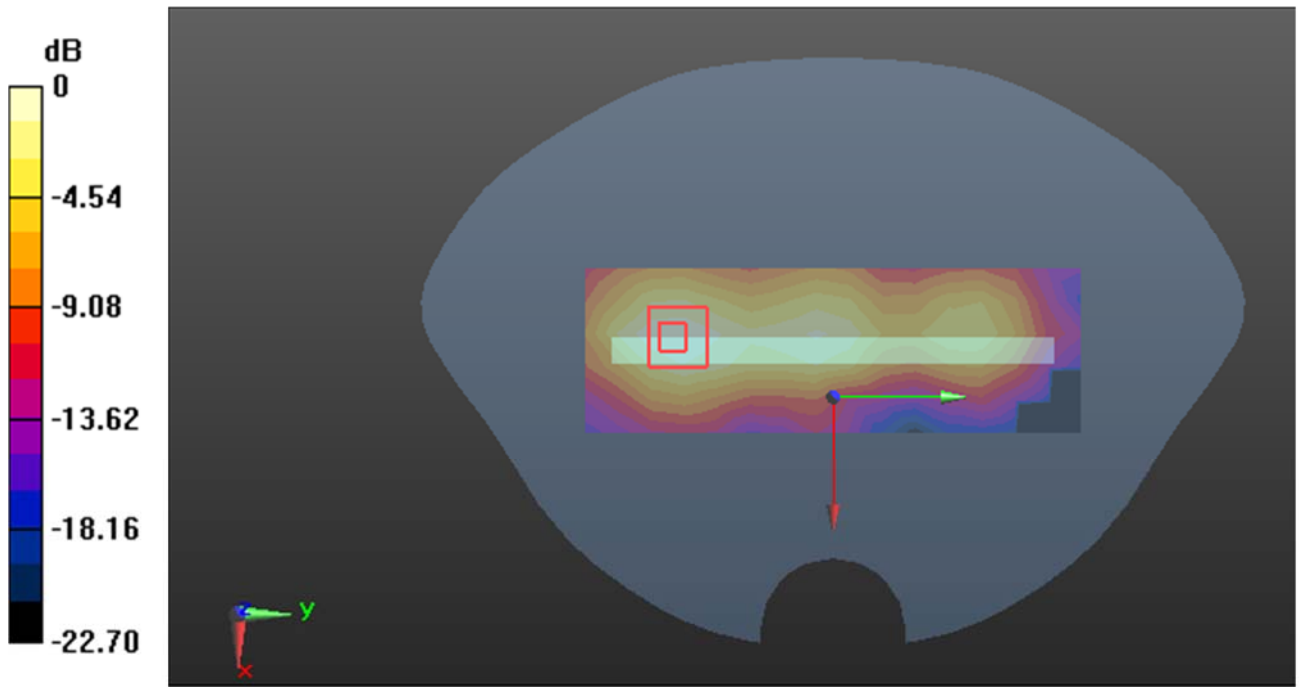
Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium parameters used: f =2595 MHz; σ = 1.927 S/m; ε_r = 38.748; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.52, 4.52, 4.52) @2595 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0703 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.988 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0719 W/kg



0 dB = 0.0719 W/kg = -11.43 dBW/kg

Plot103#: LTE Band 41_Body Bottom_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

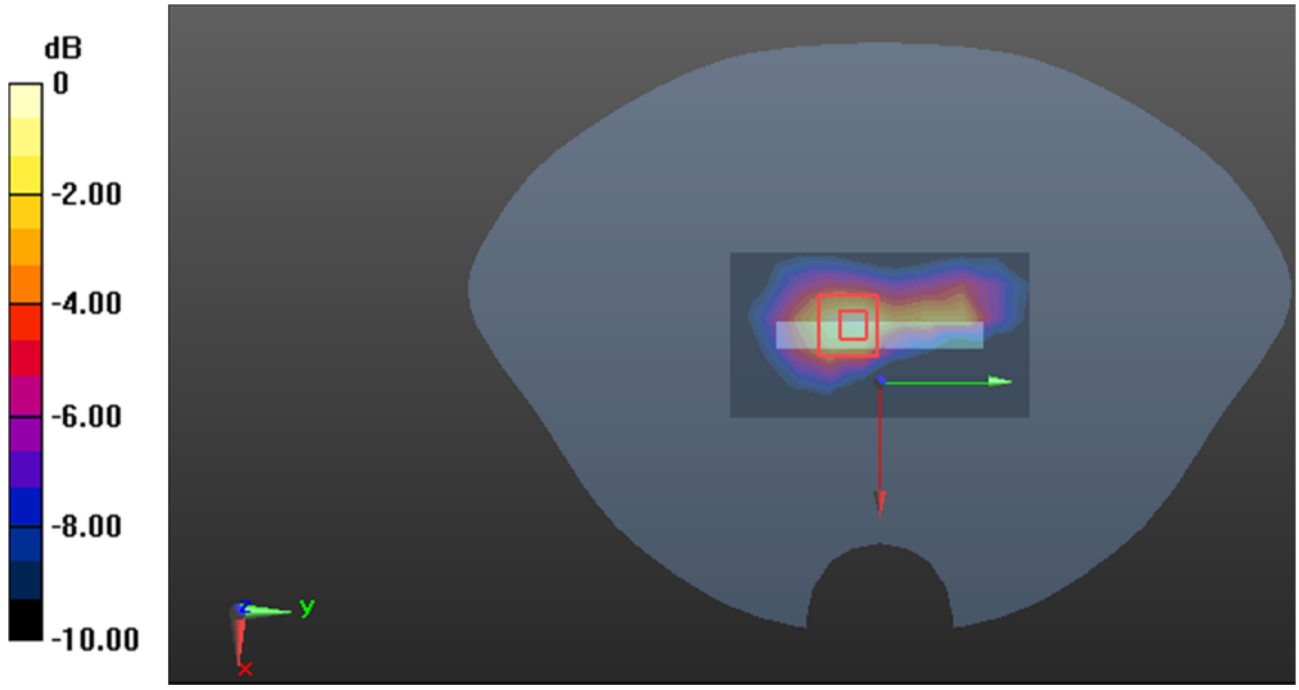
Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium parameters used: f =2595 MHz; σ = 1.927 S/m; ε_r = 38.748; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.52, 4.52, 4.52) @2595 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0518 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.302 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0529 W/kg



0 dB = 0.0529 W/kg = -12.77 dBW/kg

Plot104#: LTE Band 41_Body Bottom_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

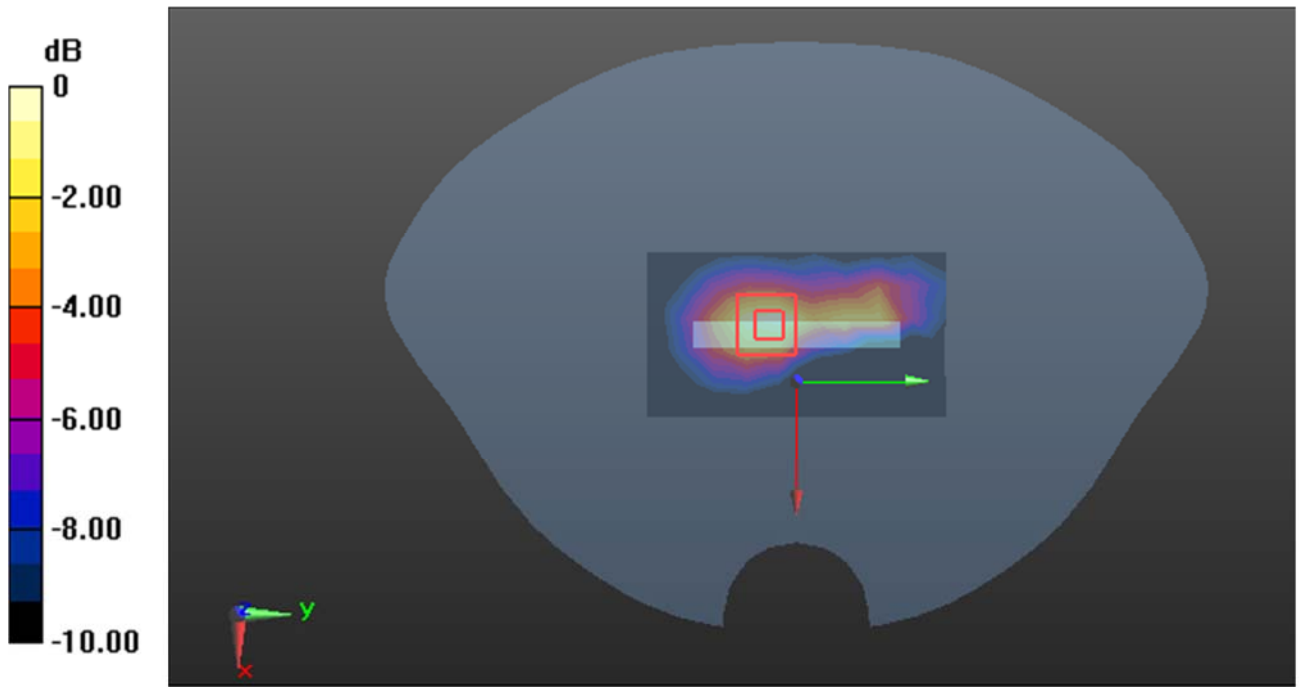
Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium parameters used: f =2595 MHz; σ = 1.927 S/m; ε_r = 38.748; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.52, 4.52, 4.52) @2595 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0456 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.002 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0660 W/kg
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0459 W/kg



0 dB = 0.0459 W/kg = -13.38 dBW/kg

Plot105#: LTE Band 66_Head Left Cheek_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

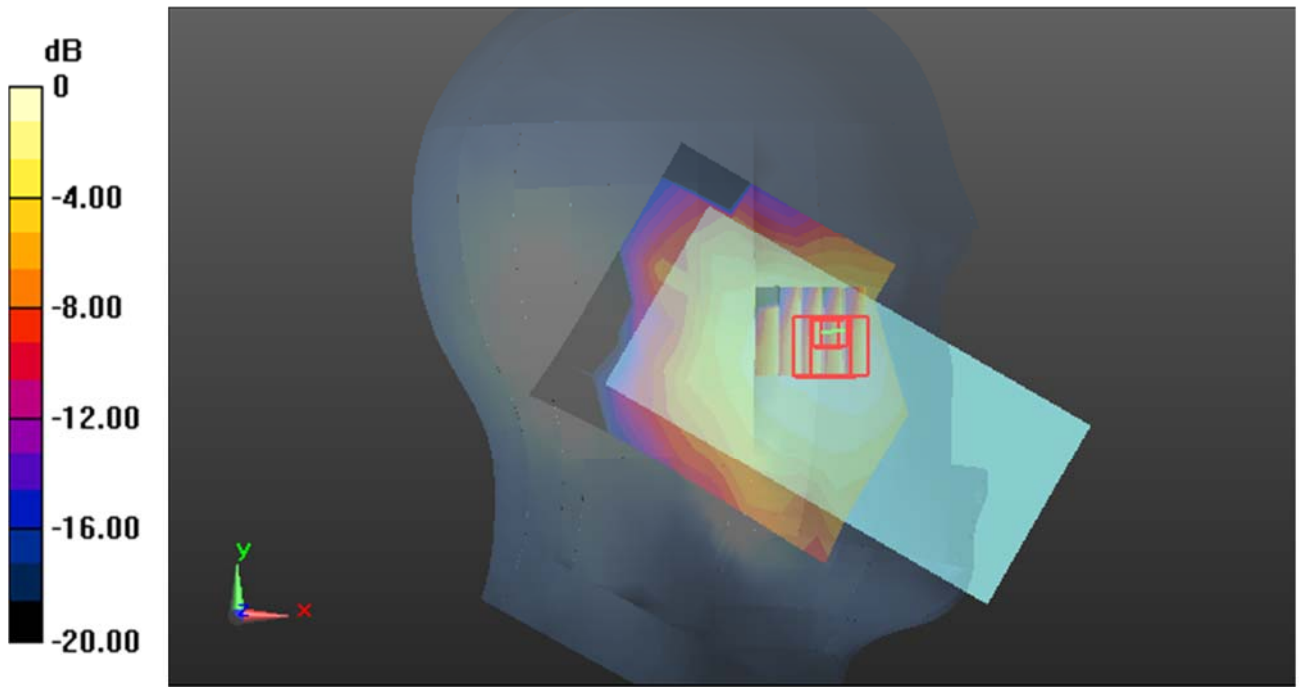
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0164 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.671 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0260 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00852 W/kg
Maximum value of SAR (measured) = 0.0166 W/kg



0 dB = 0.0166 W/kg = -17.80 dBW/kg

Plot106#: LTE Band 66_Head Left Cheek_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

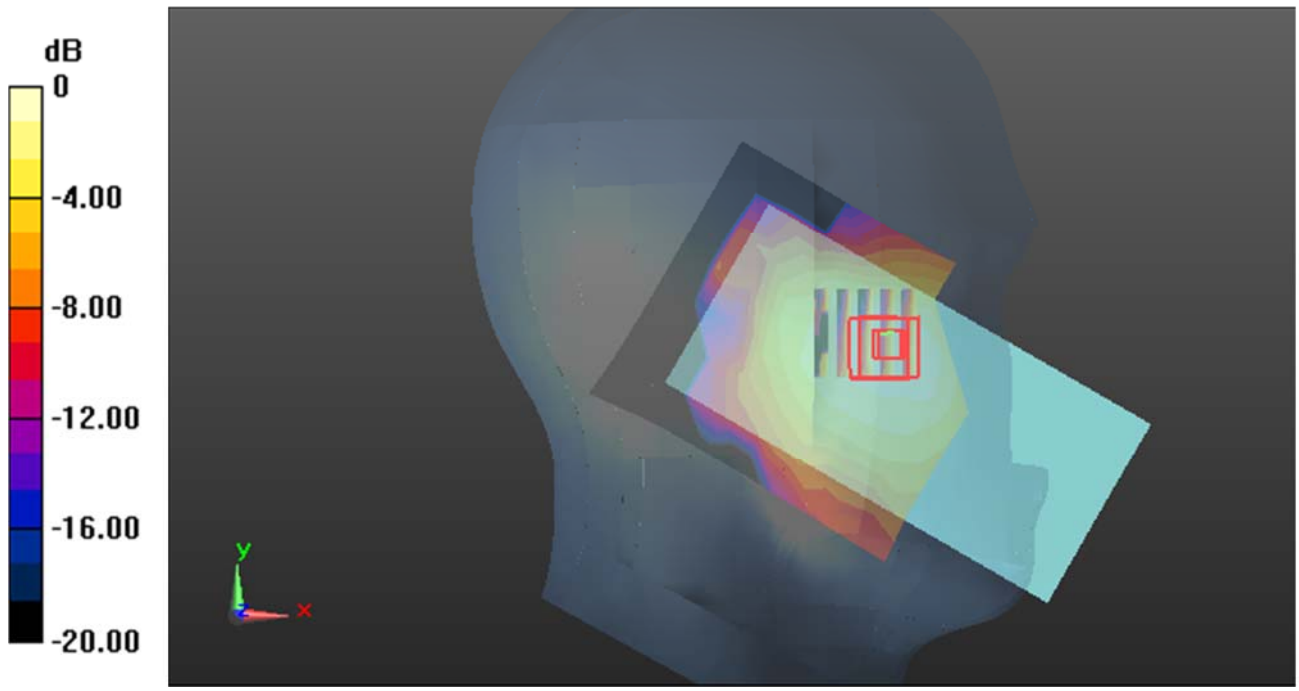
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0139 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.120 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00615 W/kg
Maximum value of SAR (measured) = 0.0145 W/kg



0 dB = 0.0145 W/kg = -18.39 dBW/kg

Plot107#: LTE Band 66_Head Left Tilt_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

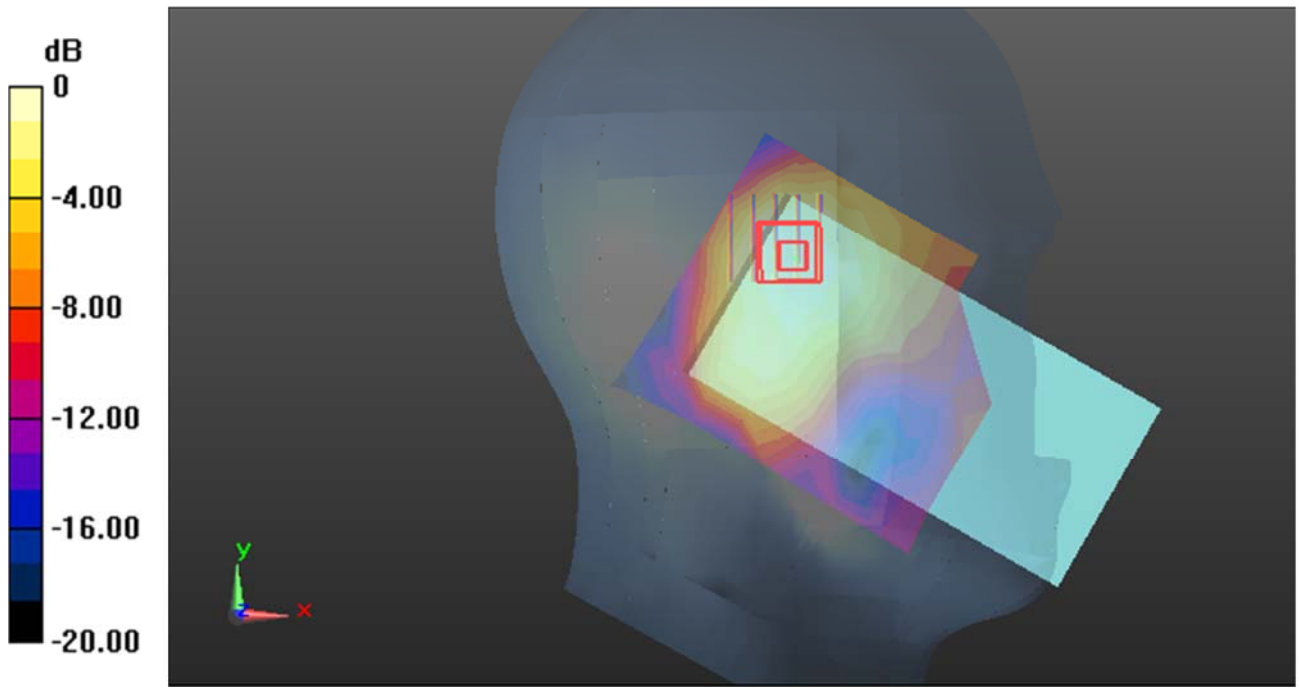
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0158 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.373 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0350 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.0082 W/kg
Maximum value of SAR (measured) = 0.0155 W/kg



0 dB = 0.0155 W/kg = -18.10 dBW/kg

Plot108#: LTE Band 66_Head Right Cheek_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

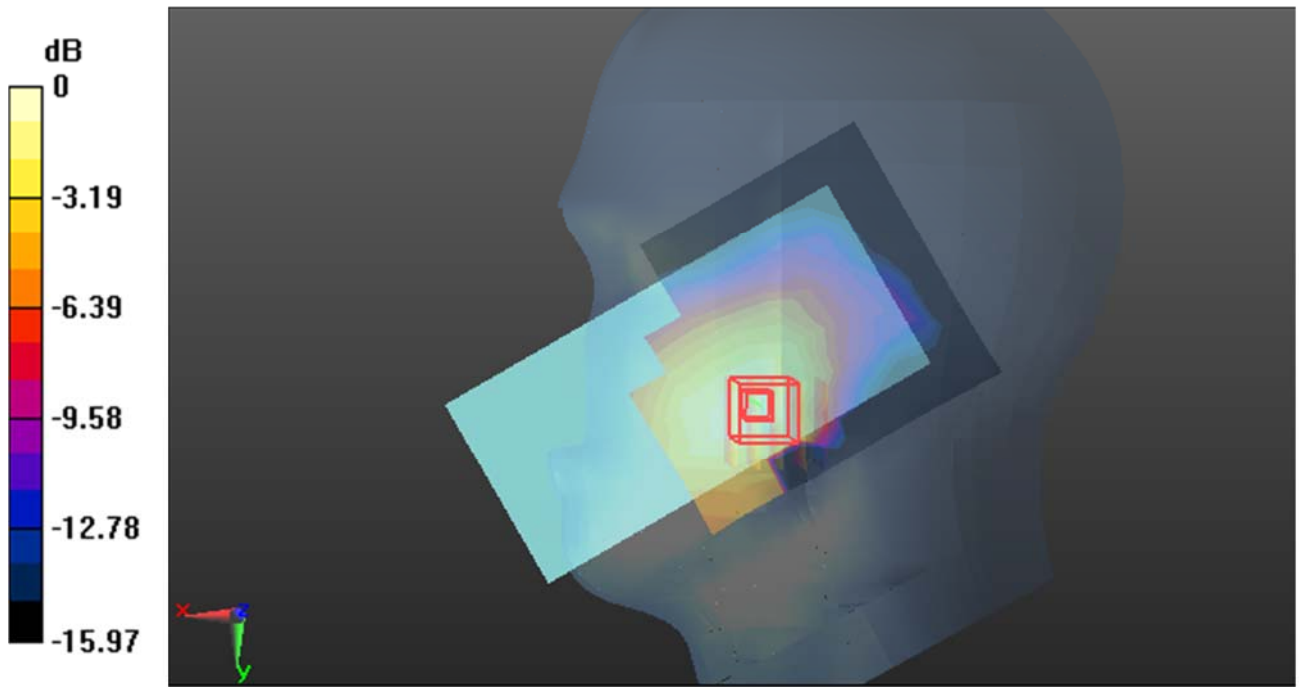
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0412 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.546 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0550 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0441 W/kg



0 dB = 0.0441 W/kg = -13.56 dBW/kg

Plot109#: LTE Band 66_Head Right Cheek_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

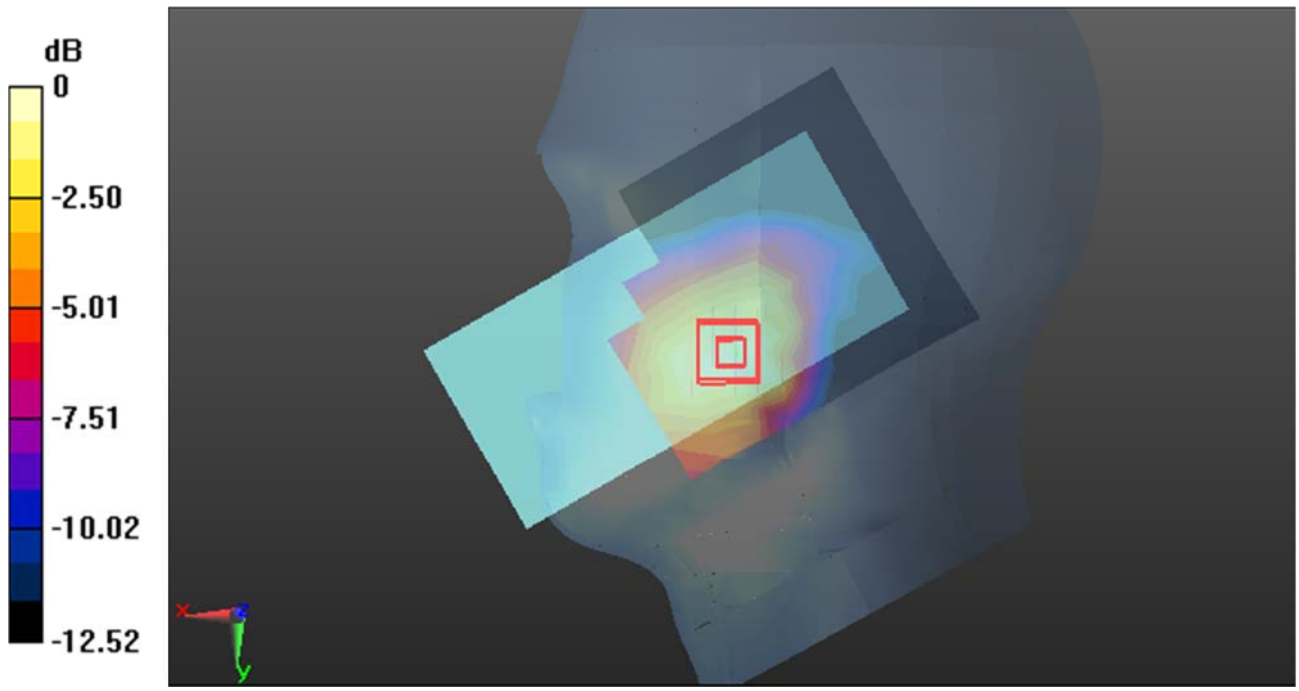
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0351 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.318 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0370 W/kg



0 dB = 0.0370 W/kg = -14.32 dBW/kg

Plot110#: LTE Band 66_Head Right Tilt_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

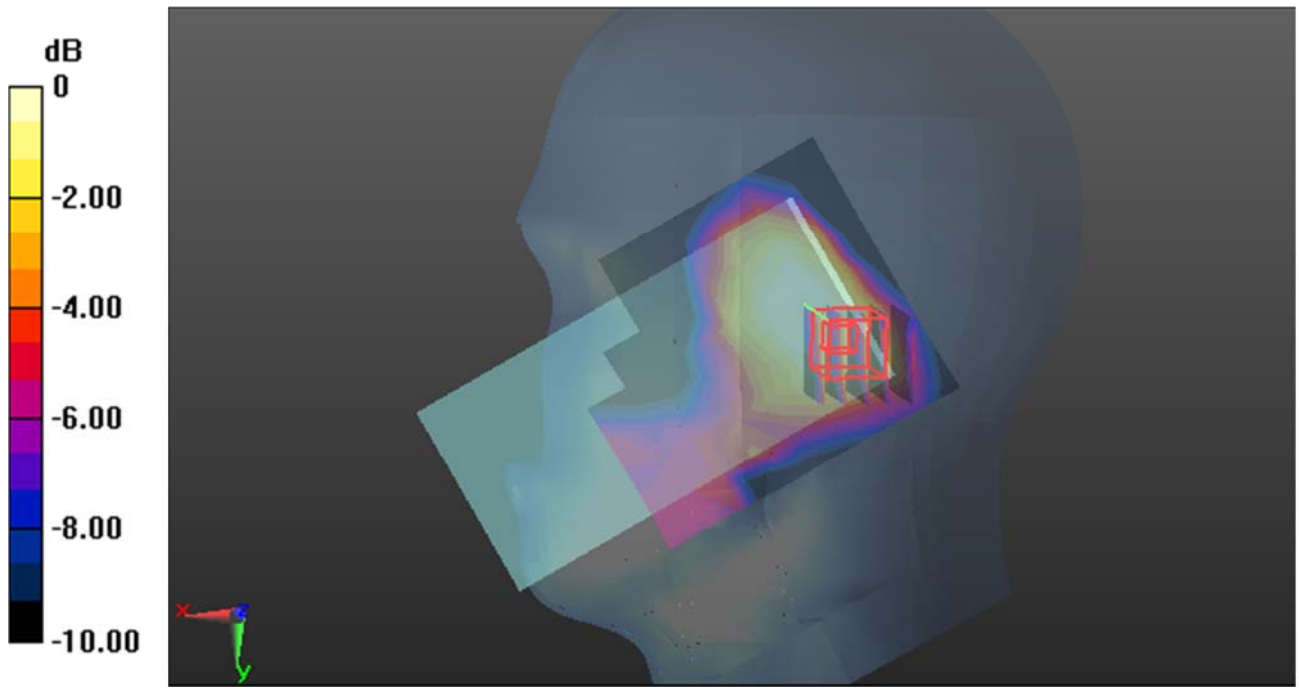
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0132 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.885 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00662 W/kg
Maximum value of SAR (measured) = 0.0126 W/kg



0 dB = 0.0126 W/kg = -19.00 dBW/kg

Plot111#: LTE Band 66_Body Front_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

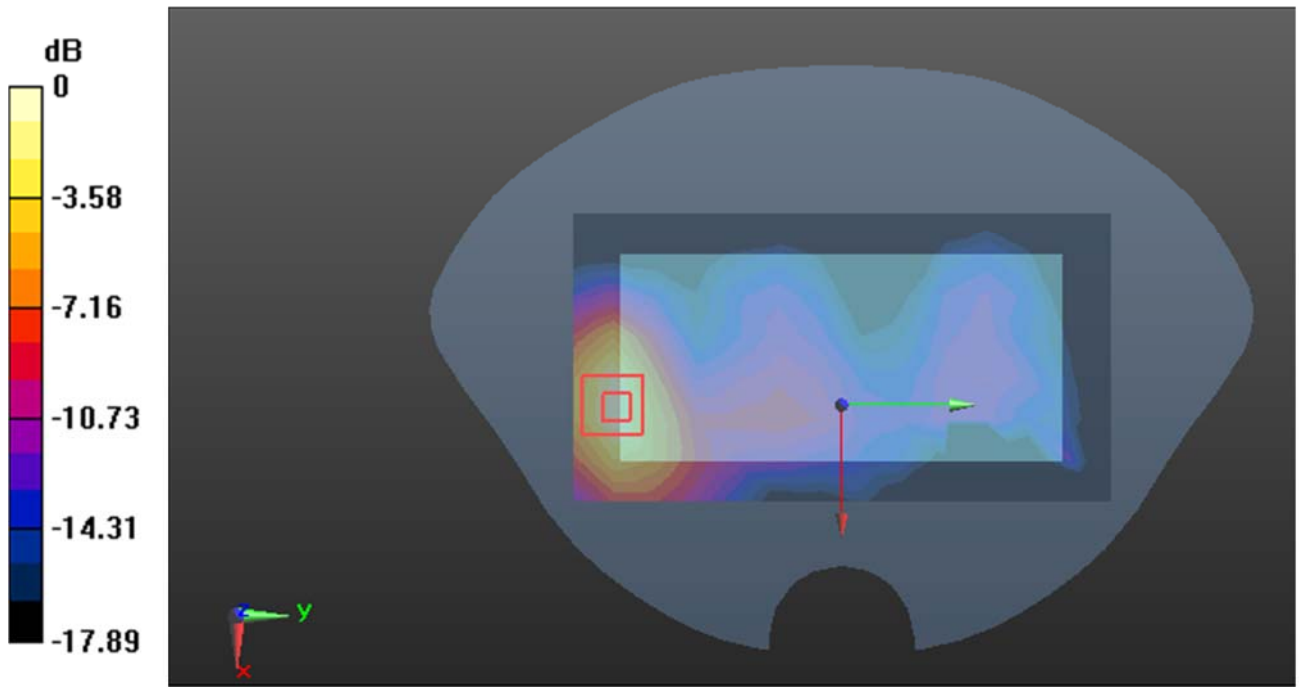
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.250 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.448 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.277 W/kg



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

Plot112#: LTE Band 66_Body Front_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

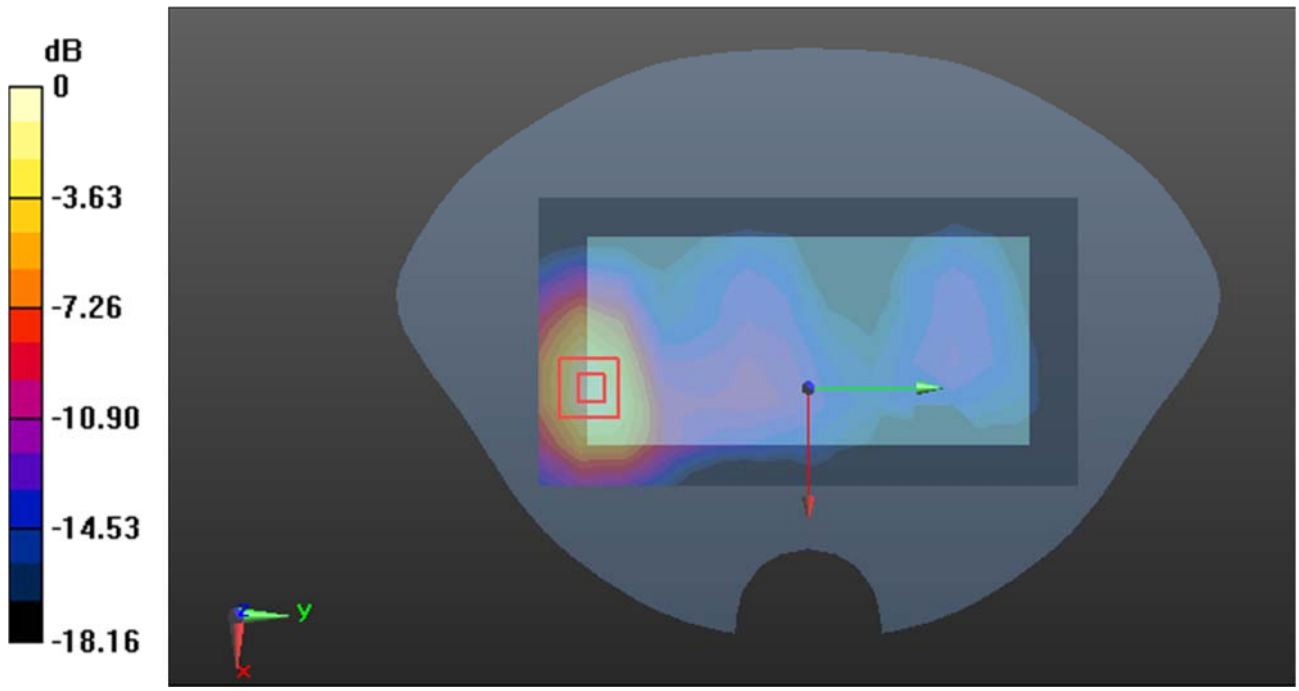
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.220 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.061 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

Plot113#: LTE Band 66_Body Back_1RB_Low

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

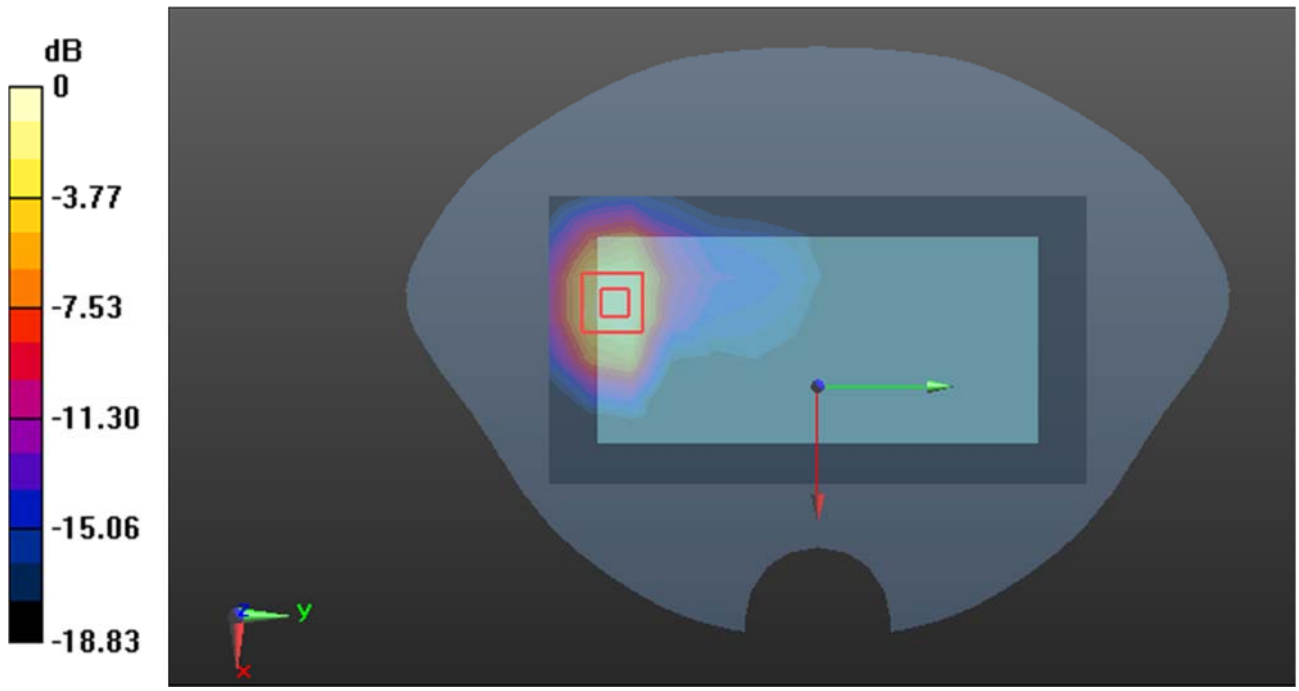
Communication System: Generic FDD-LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f =1720 MHz; σ = 1.347 S/m; ε_r = 40.257; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @1720 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.559 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.671 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 0.756 W/kg



0 dB = 0.756 W/kg = -1.21 dBW/kg

Plot114#: LTE Band 66_Body Back_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

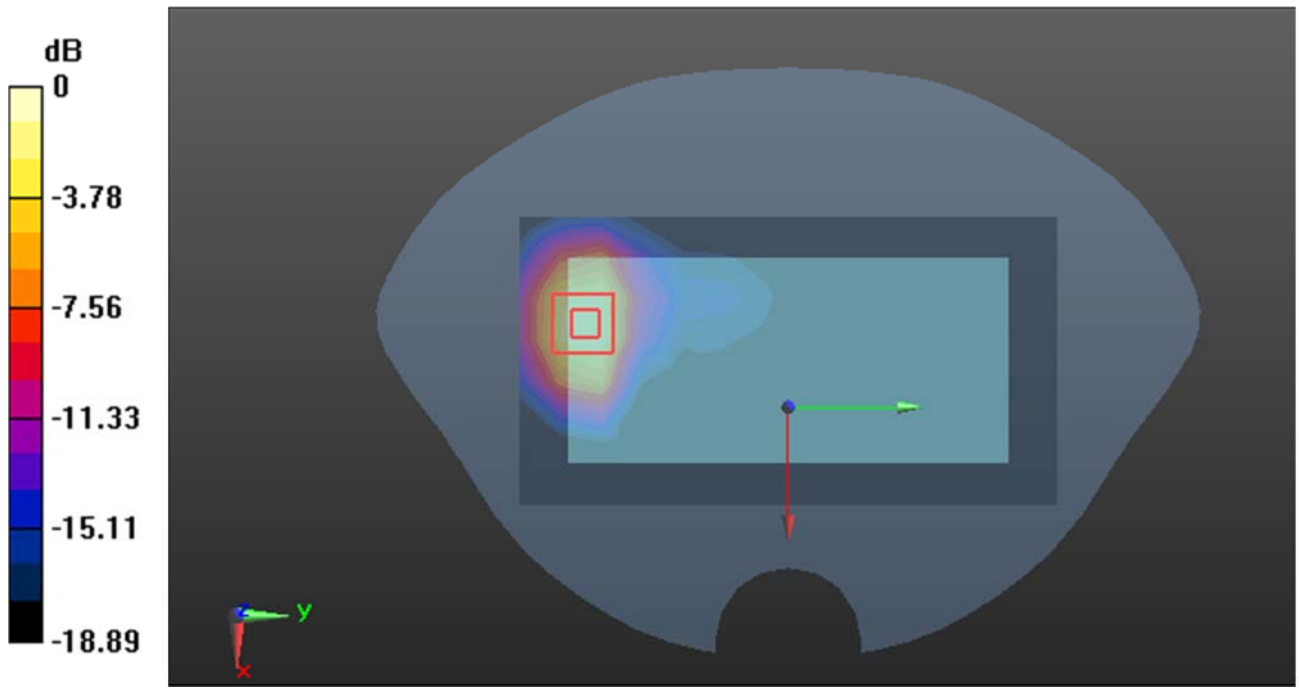
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.751 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.635 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Plot115#: LTE Band 66_Body Back_1RB_High

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

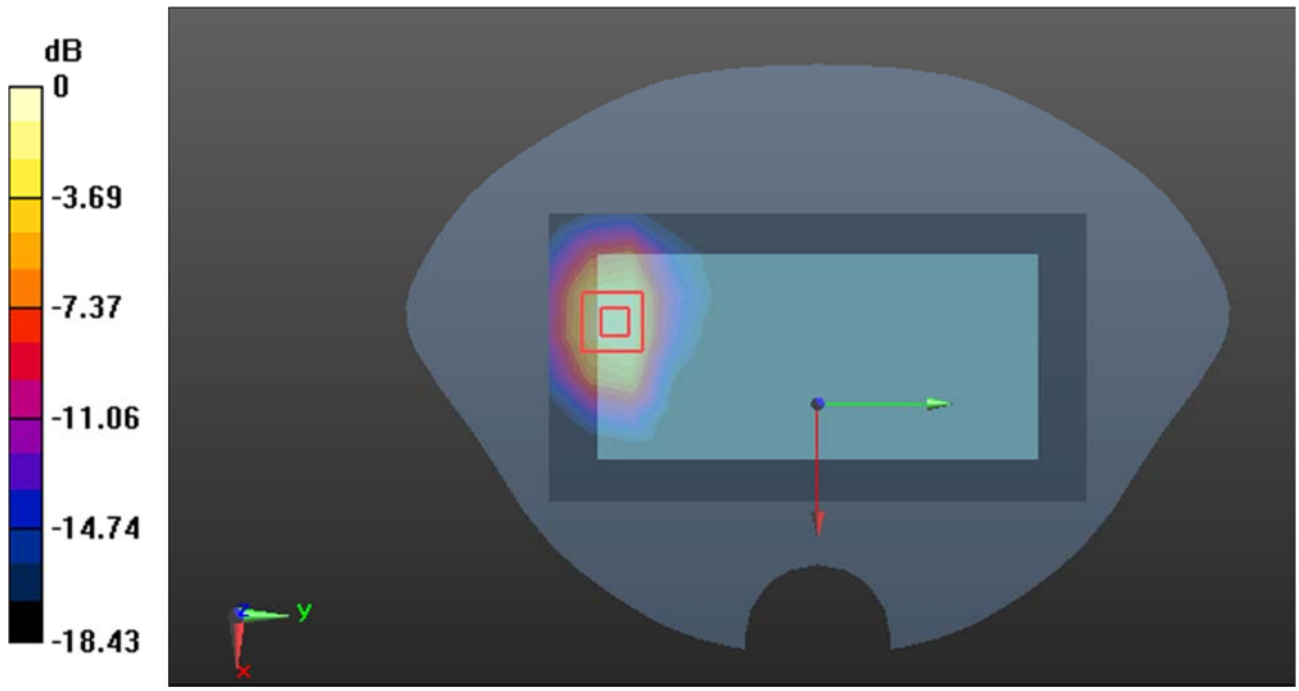
Communication System: Generic FDD-LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium parameters used: f =1770 MHz; σ = 1.374 S/m; ε_r = 40.165; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @1770 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.924 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.579 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



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

Plot116#: LTE Band 66_Body Back_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

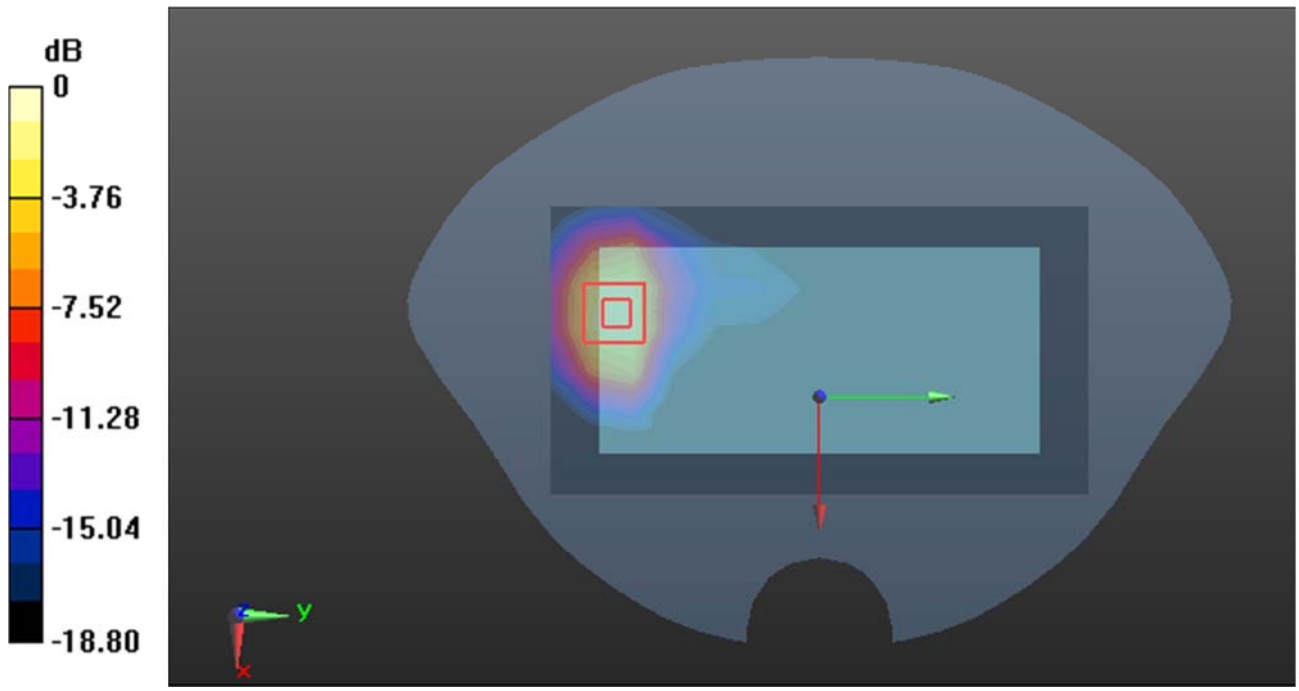
Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f =1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.657 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.365 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.369 W/kg
Maximum value of SAR (measured) = 0.885 W/kg



0 dB = 0.885 W/kg = -0.53 dBW/kg

Plot117#: LTE Band 66 1RB_ Body Right_ Mid

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

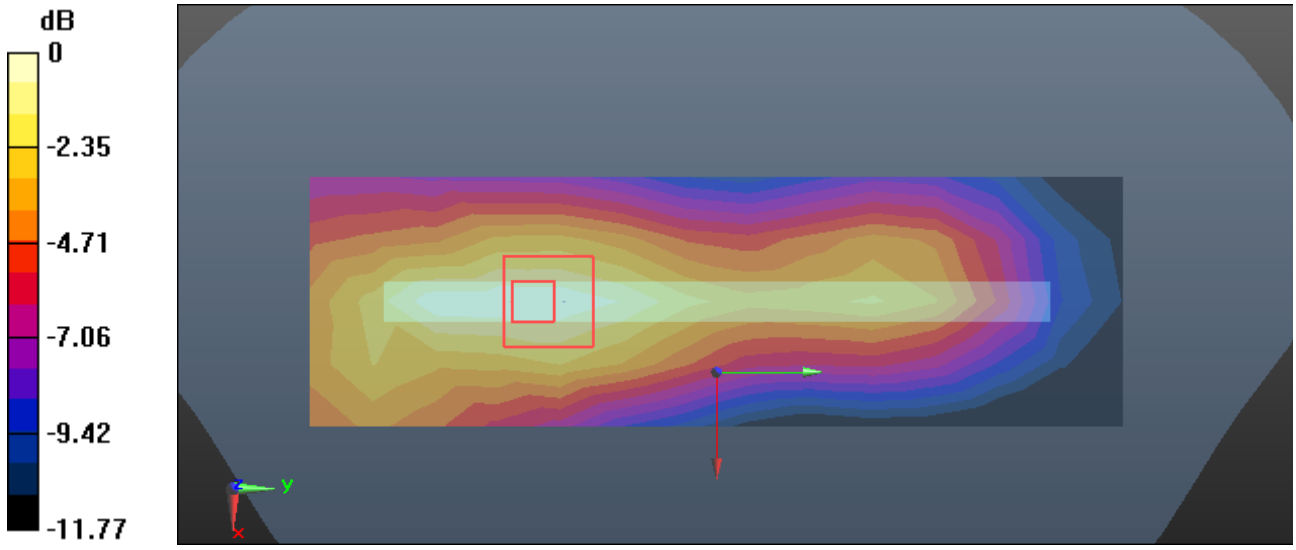
Communication System: FDD-LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.106 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.621 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.108 W/kg



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

Plot118#: LTE Band 66 50%RB_ Body Right_ Mid

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

Communication System: FDD-LTE; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0875 W/kg

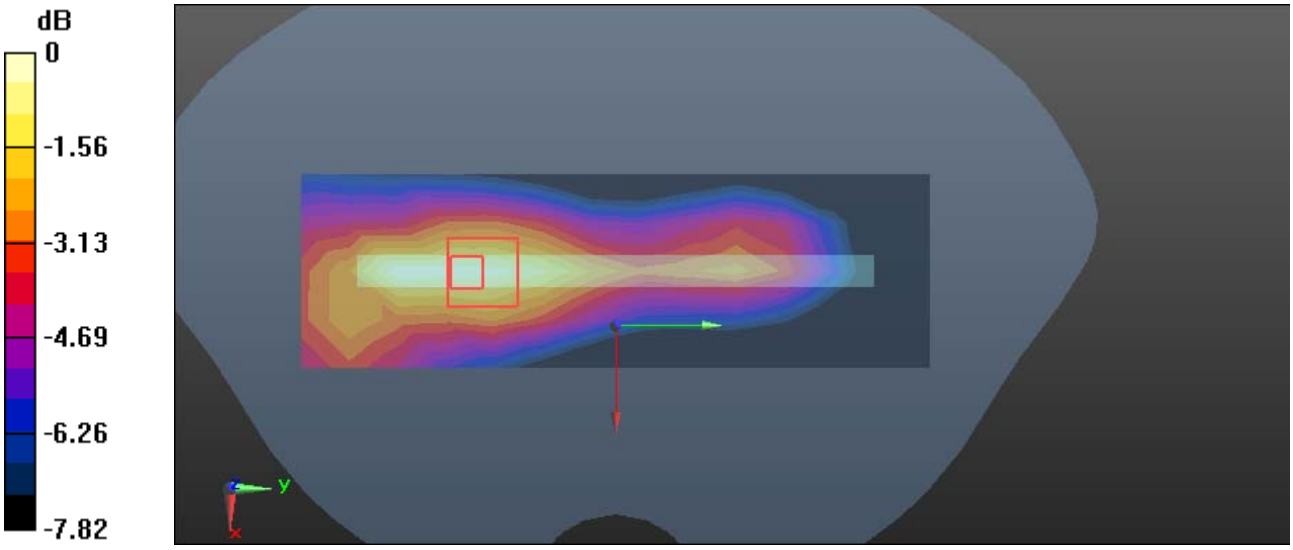
Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.205 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0895 W/kg



0 dB = 0.0895 W/kg = -10.48 dBW/kg

Plot119#: LTE Band 66 1RB_ Body Bottom_ Mid

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

Communication System: FDD-LTE; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.573 W/kg

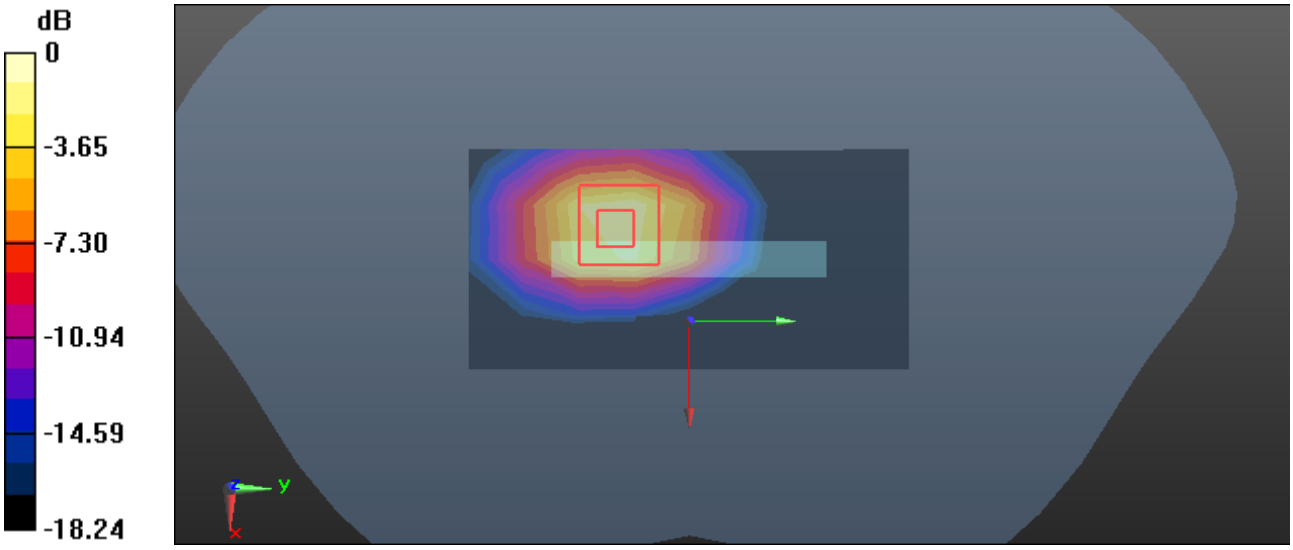
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.71 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.340 W/kg

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



0 dB = 0.825 W/kg = -0.84 dBW/kg

Plot120#: LTE Band 66 50%RB_ Body Bottom_ Mid

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

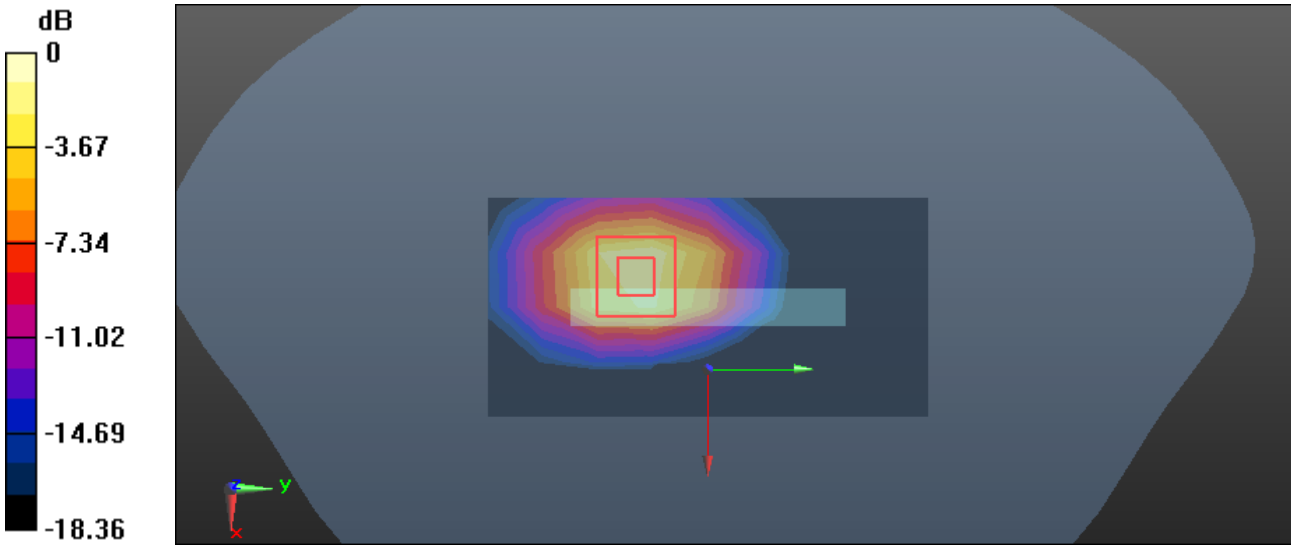
Communication System: FDD-LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.362 S/m; ε_r = 40.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(5.38, 5.38, 5.38) @ 1745 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.508 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.86 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.726 W/kg = -1.39 dBW/kg

Plot121#: LTE Band 71_Head Left Cheek_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

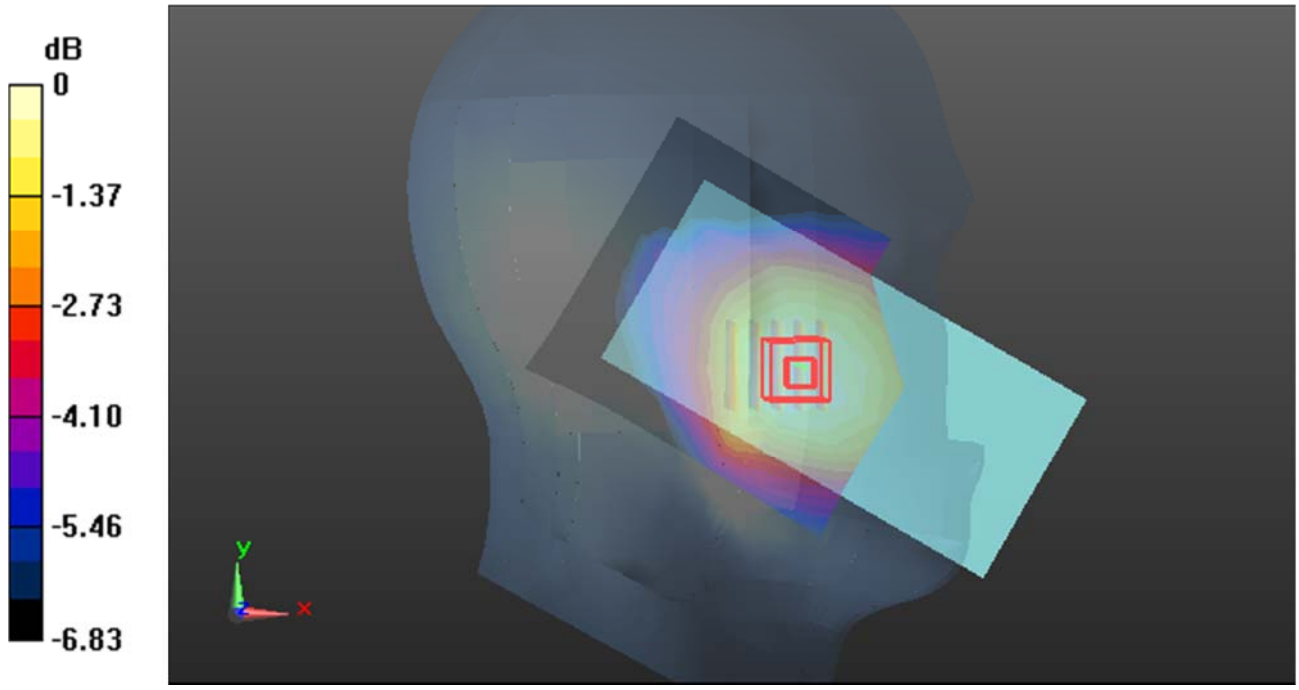
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.122 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.440 V/m; Power Drift = 0 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg = -9.32 dBW/kg

Plot122#: LTE Band 71_Head Left Cheek_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

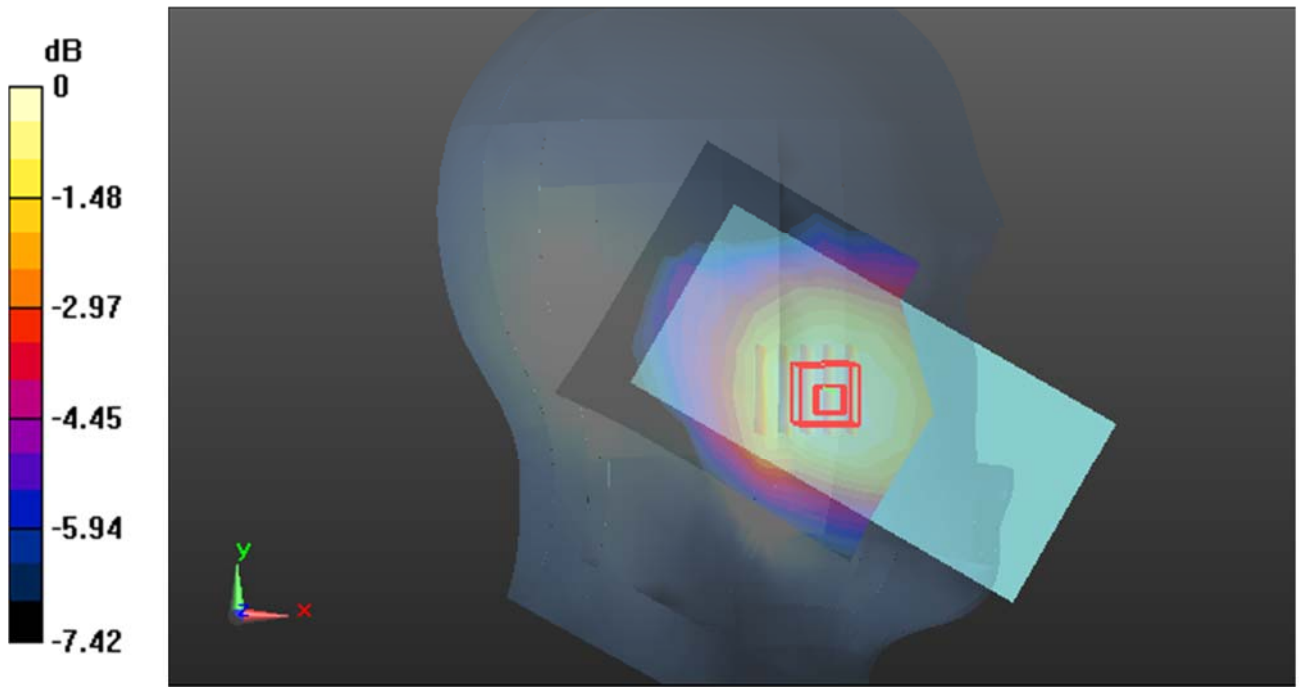
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0985 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.351 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.0963 W/kg



0 dB = 0.0963 W/kg = -10.16 dBW/kg

Plot123#: LTE Band 71_Head Left Tilt_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

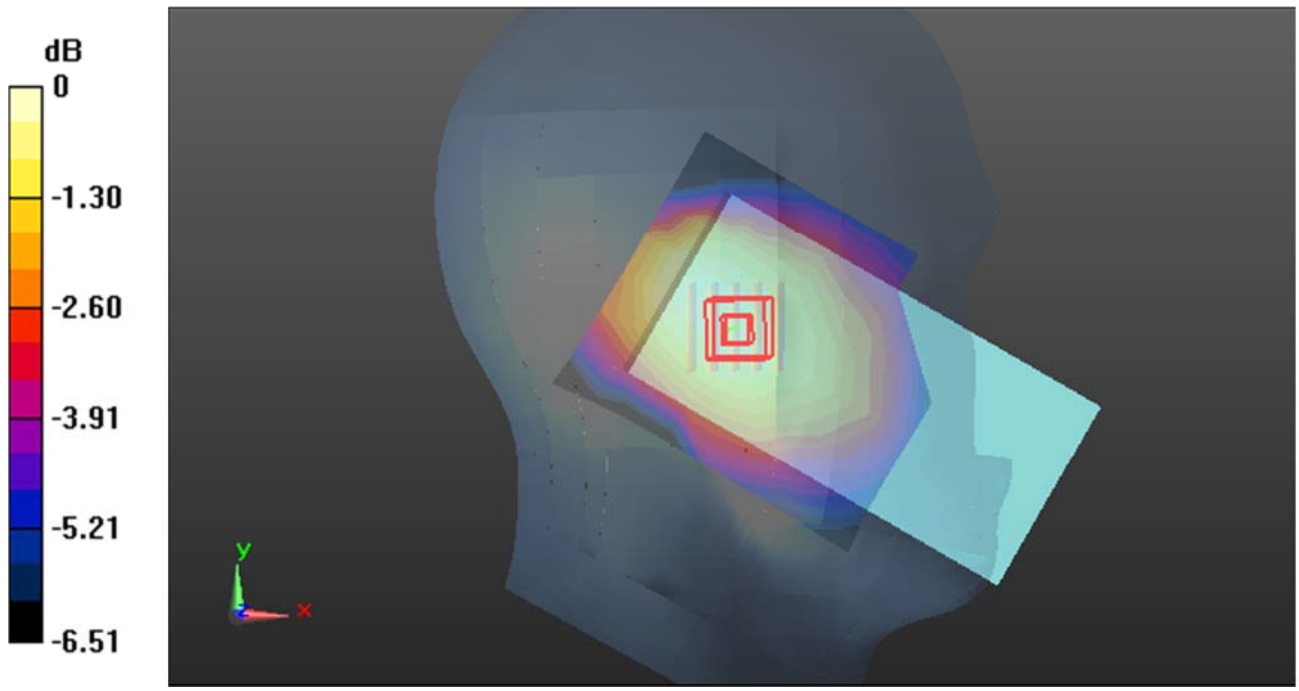
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0786 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.661 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0890 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.0786 W/kg



0 dB = 0.0786 W/kg = -11.05 dBW/kg

Plot124#: LTE Band 71_Head Left Tilt_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

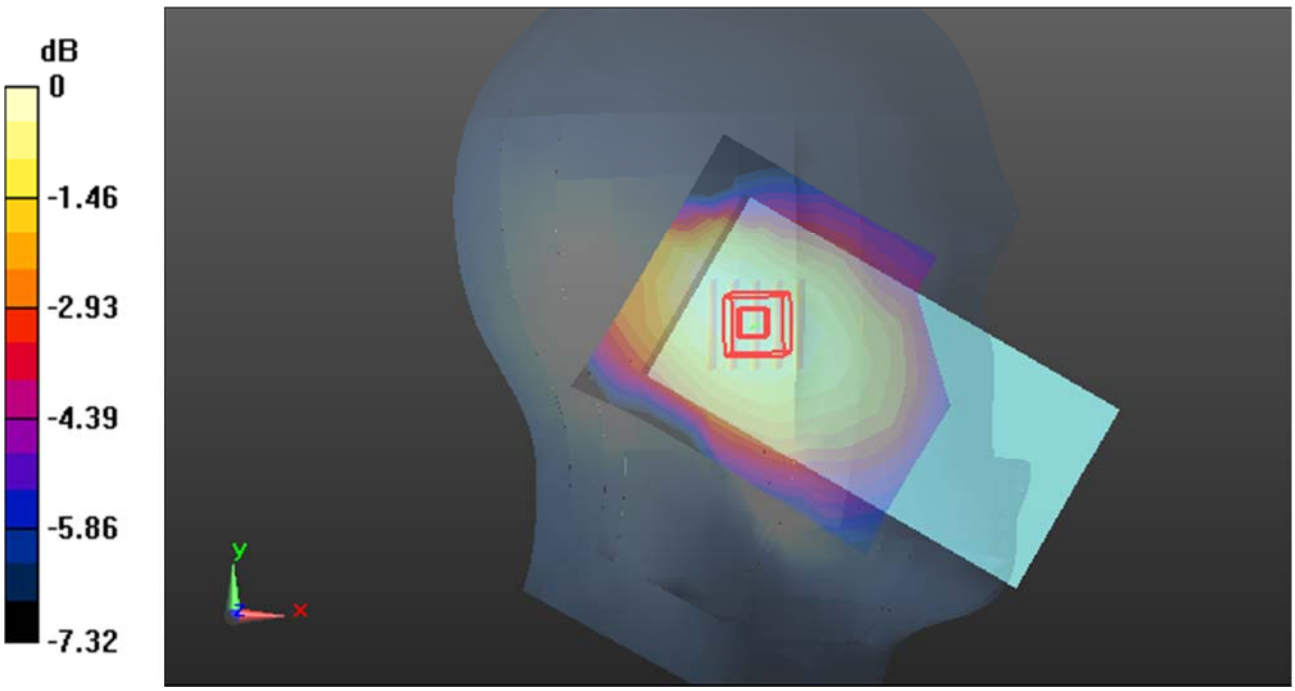
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0636 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.608 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.0652 W/kg



0 dB = 0.0652 W/kg = -11.86 dBW/kg

Plot125#: LTE Band 71_Head Right Cheek_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

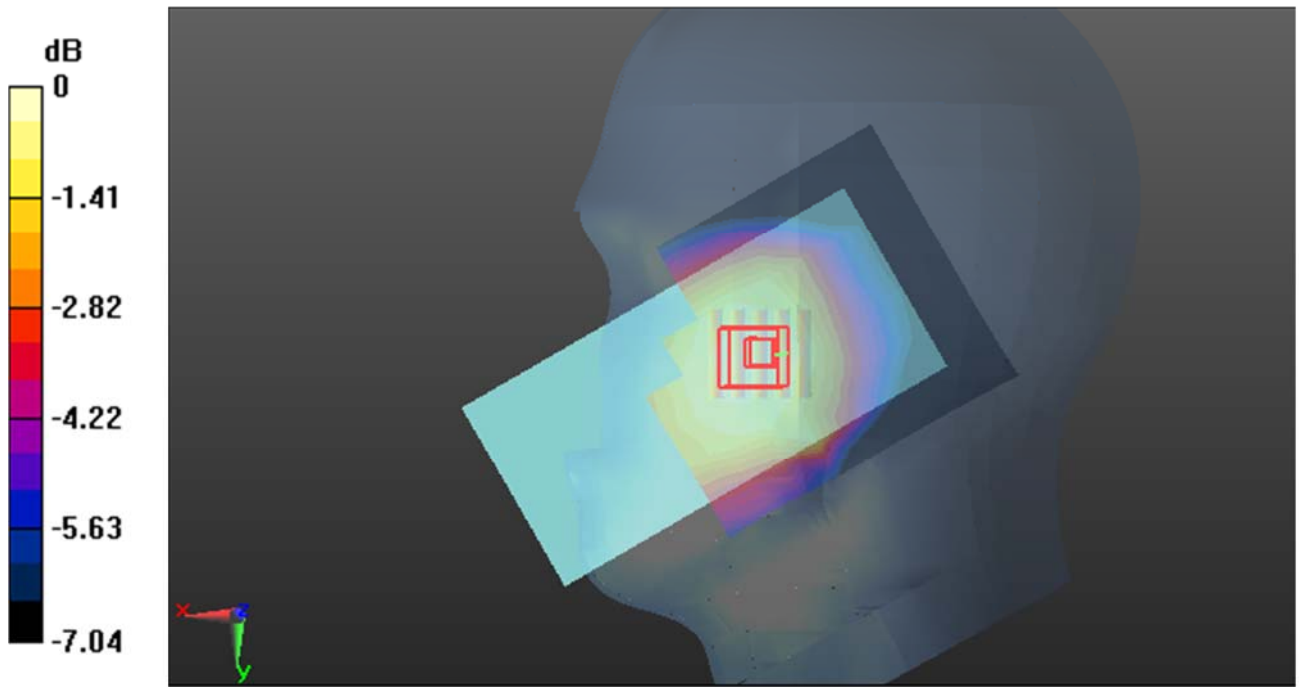
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.109 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.438 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

Plot126#: LTE Band 71_Head Right Cheek_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

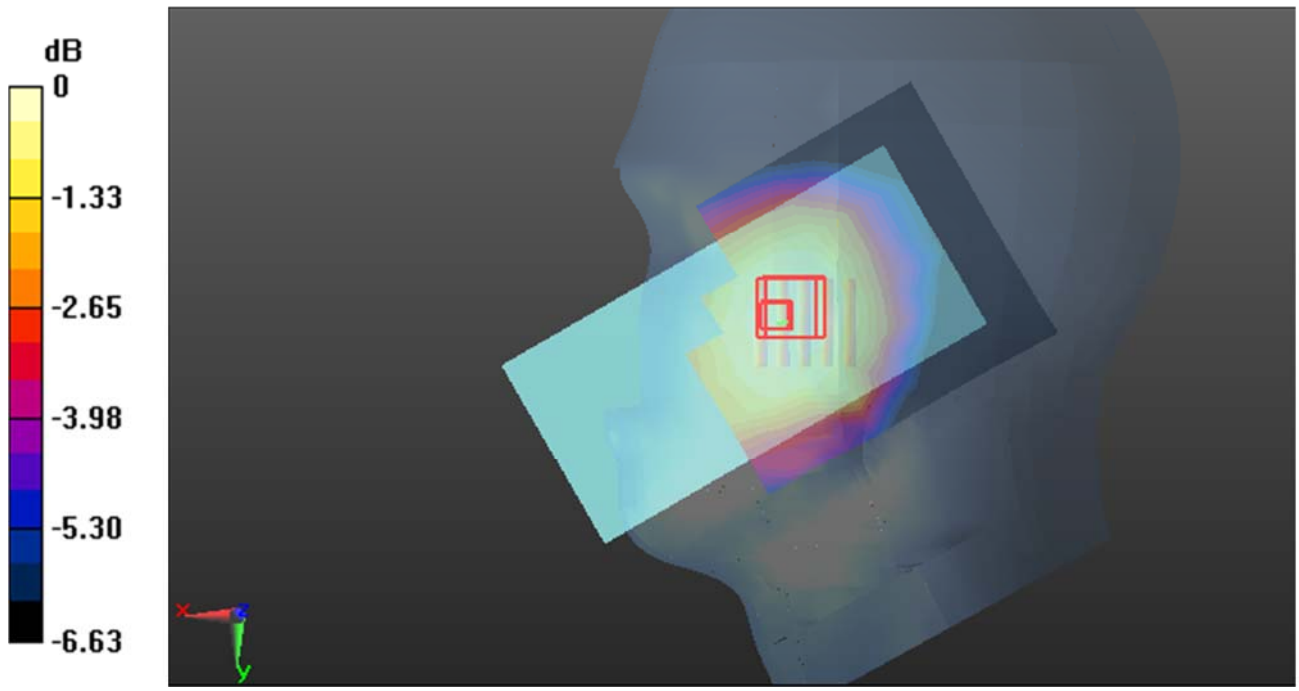
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0934 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.975 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.0938 W/kg



0 dB = 0.0938 W/kg = -10.28 dBW/kg

Plot127#: LTE Band 71_Head Right Tilt_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

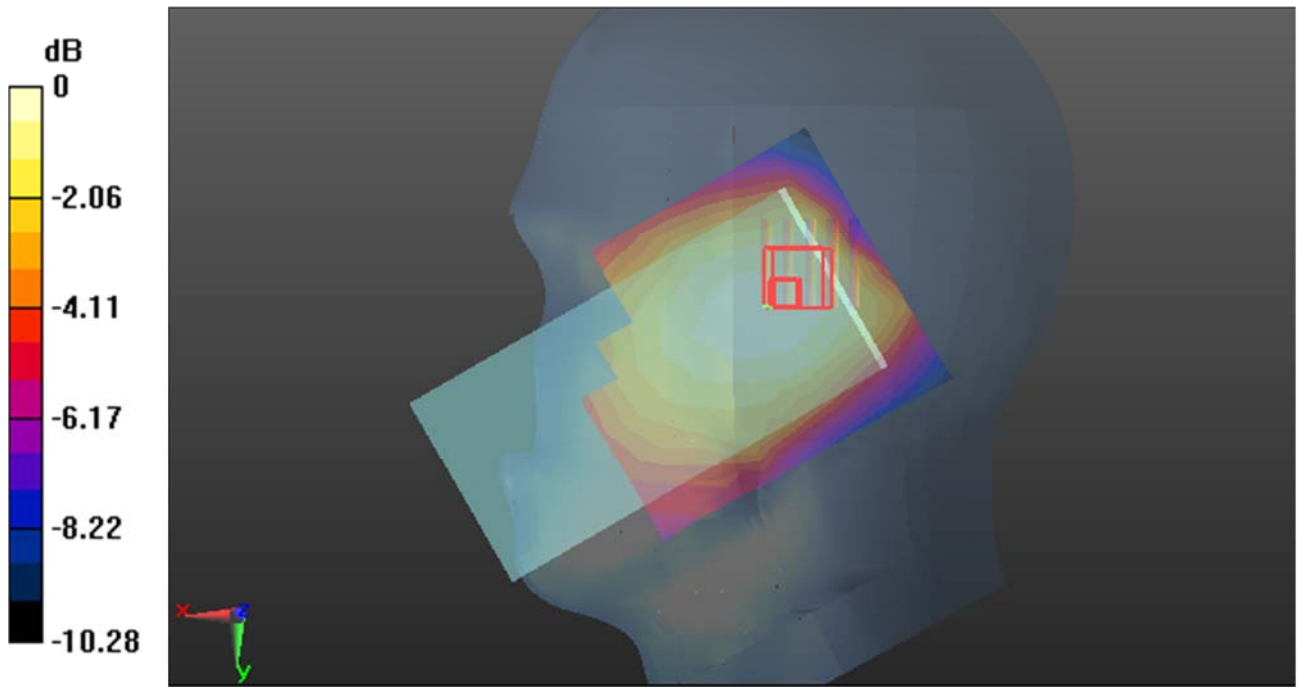
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0588 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.867 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0601 W/kg



0 dB = 0.0601 W/kg = -12.21 dBW/kg

Plot128#: LTE Band 71_Head Right Tilt_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

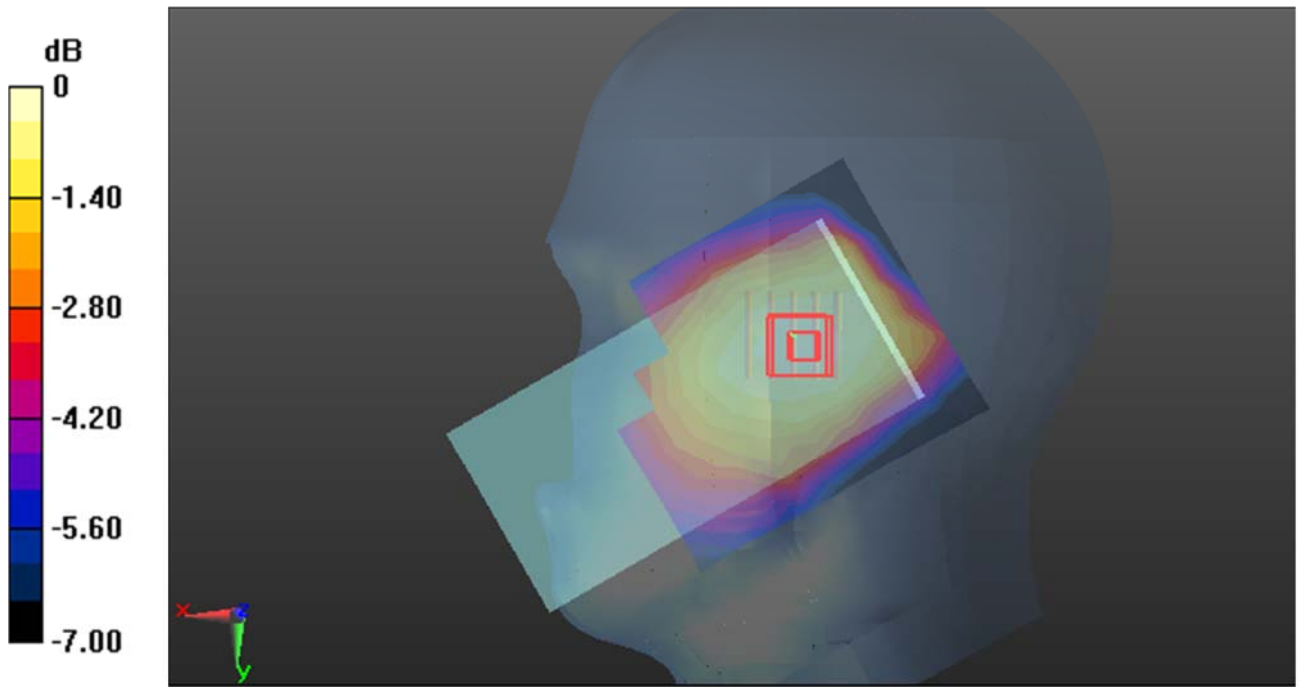
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0510 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.210 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0590 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0516 W/kg



0 dB = 0.0516 W/kg = -12.87 dBW/kg

Plot129#: LTE Band 71_Body Front_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

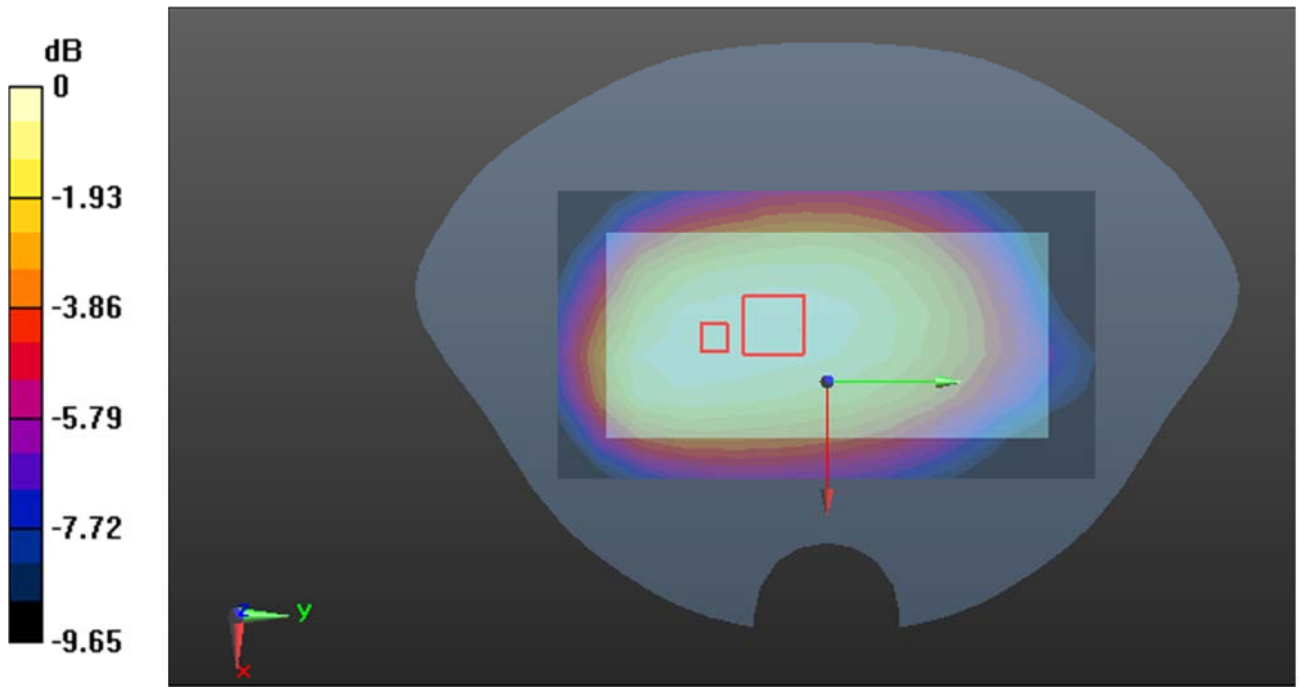
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0953 W/kg

Zoom Scan (6x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.38 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.0955 W/kg



0 dB = 0.0955 W/kg = -10.20 dBW/kg

Plot130#: LTE Band 71_Body Front_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

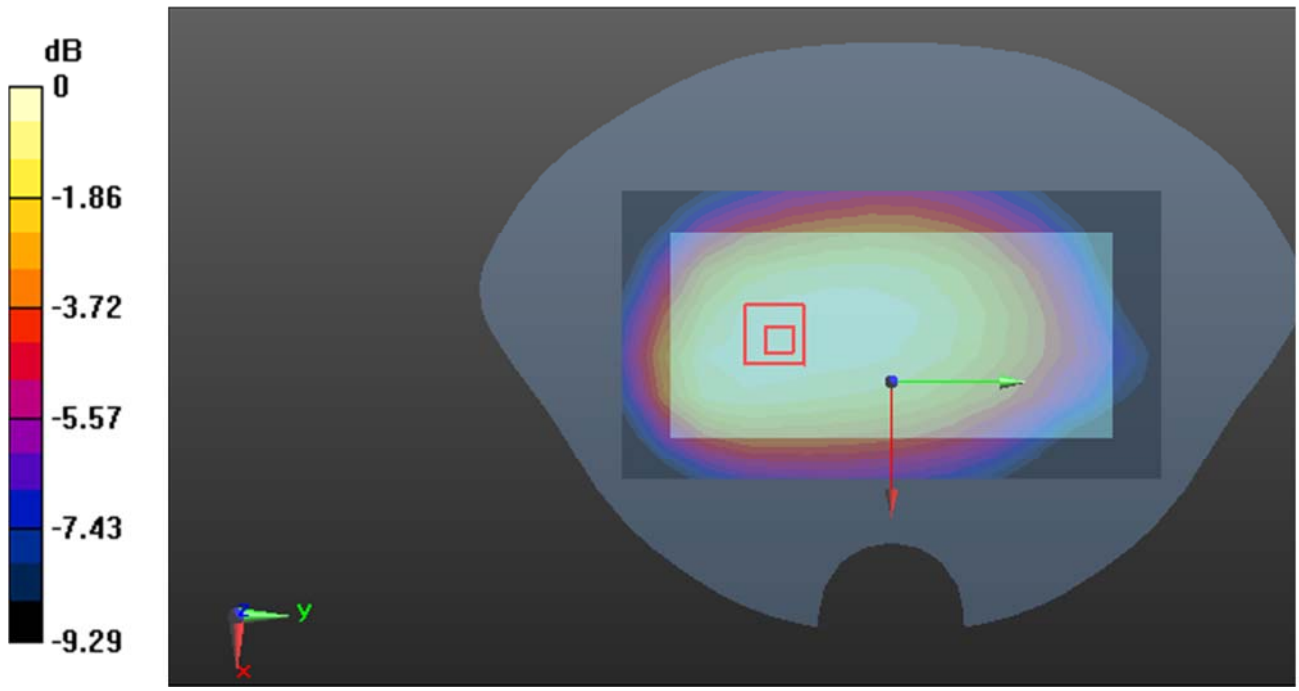
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0797 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.416 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.0990 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.0799 W/kg



0 dB = 0.0799 W/kg = -10.97 dBW/kg

Plot131#: LTE Band 71_Body Back_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

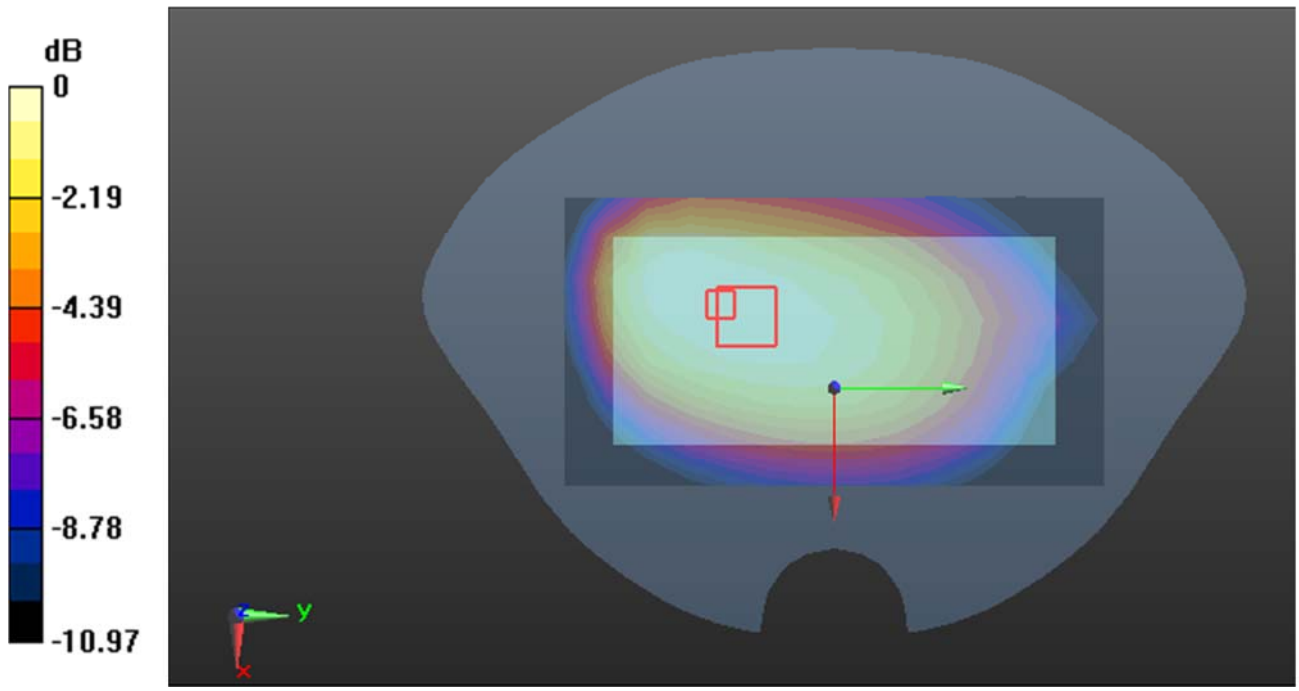
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.67 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

Plot132#: LTE Band 71_Body Back_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

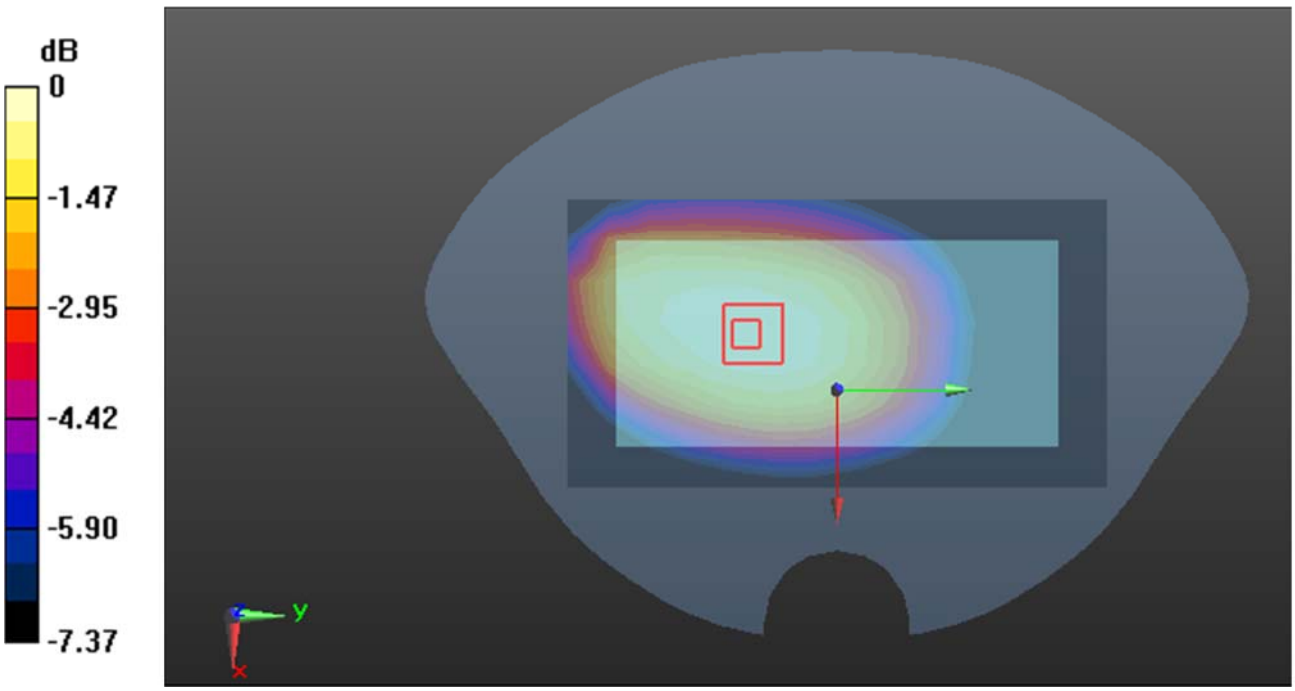
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.61 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Plot133#: LTE Band 71_Body Left_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

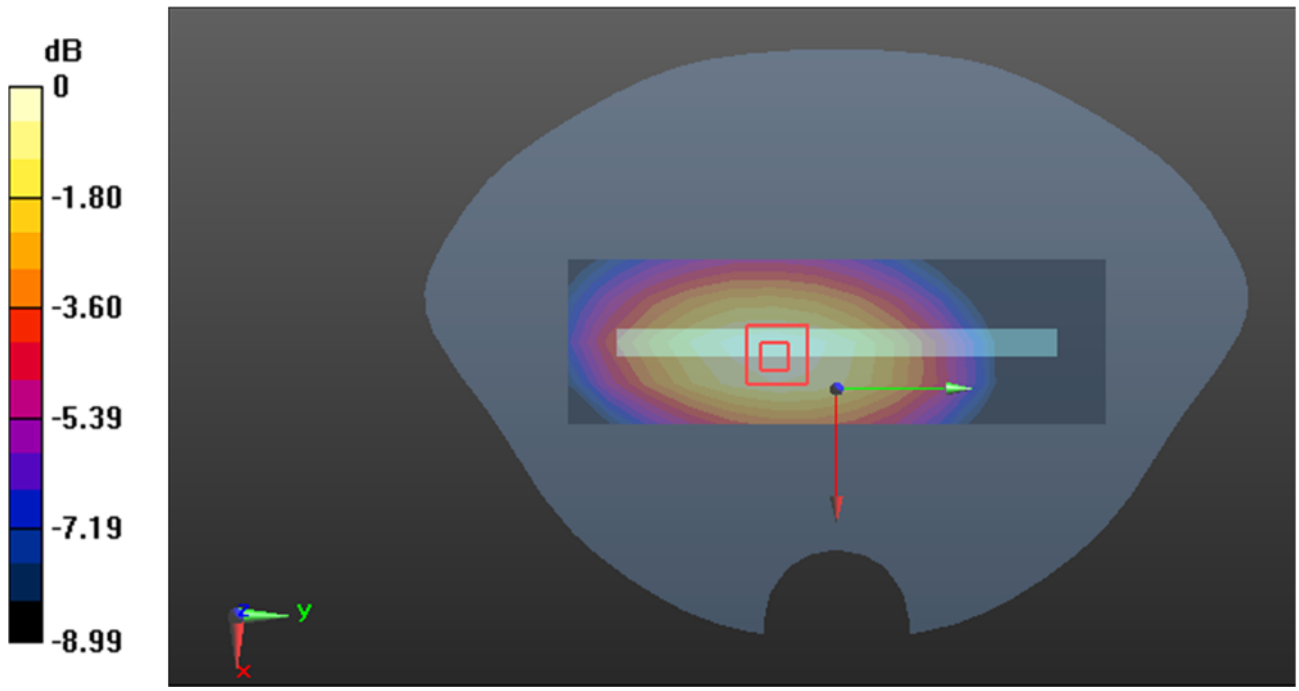
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.72 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

Plot134#: LTE Band 71_Body Left_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

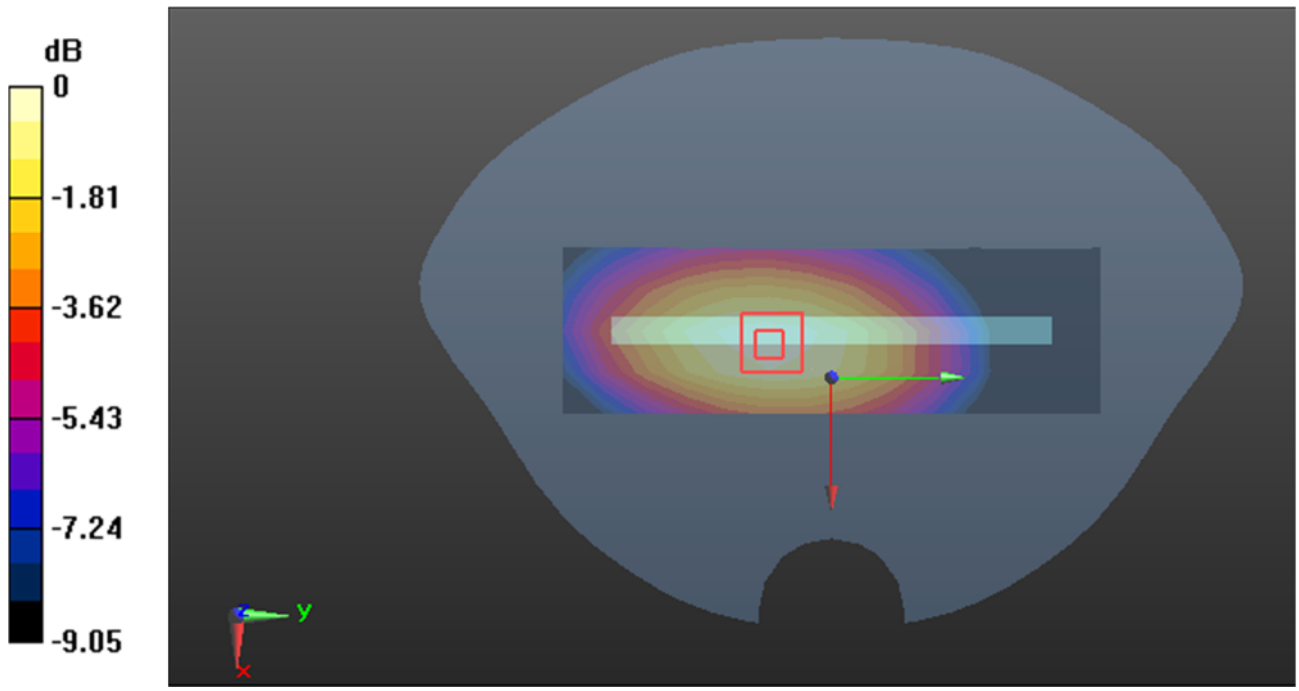
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.140 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.24 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

Plot135#: LTE Band 71_Body Right_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

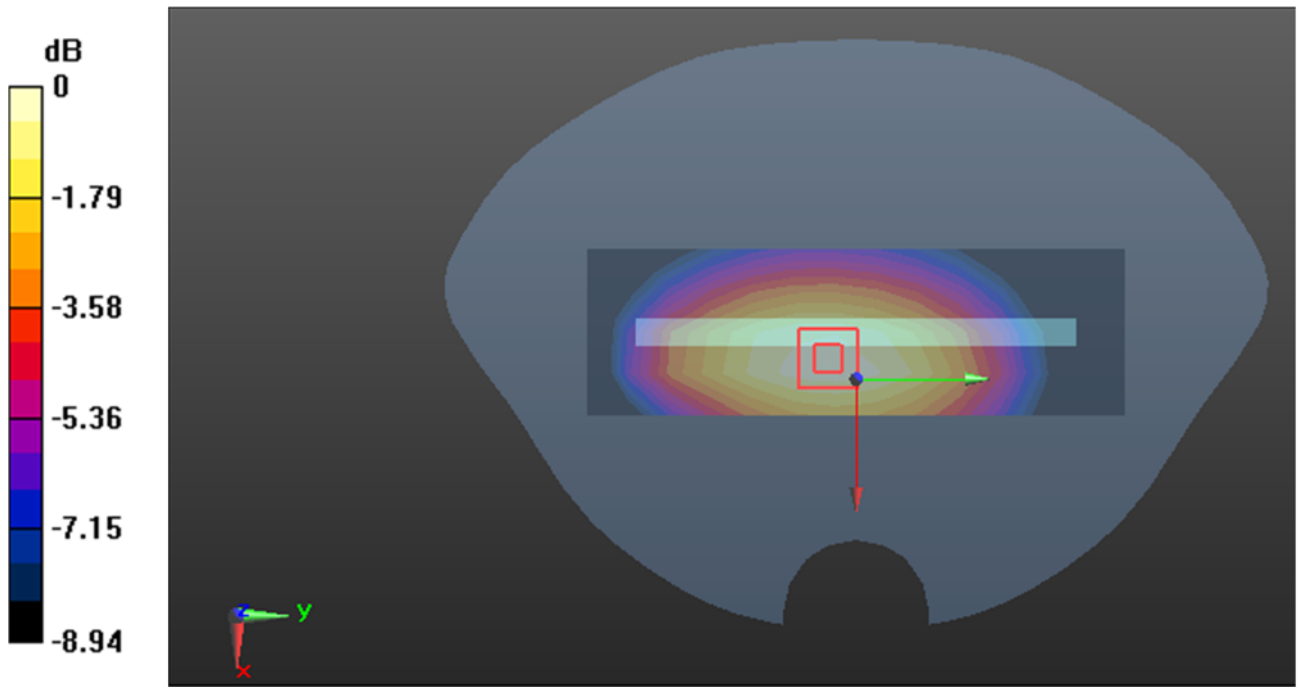
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.194 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.23 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



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

Plot136#: LTE Band 71_Body Right_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

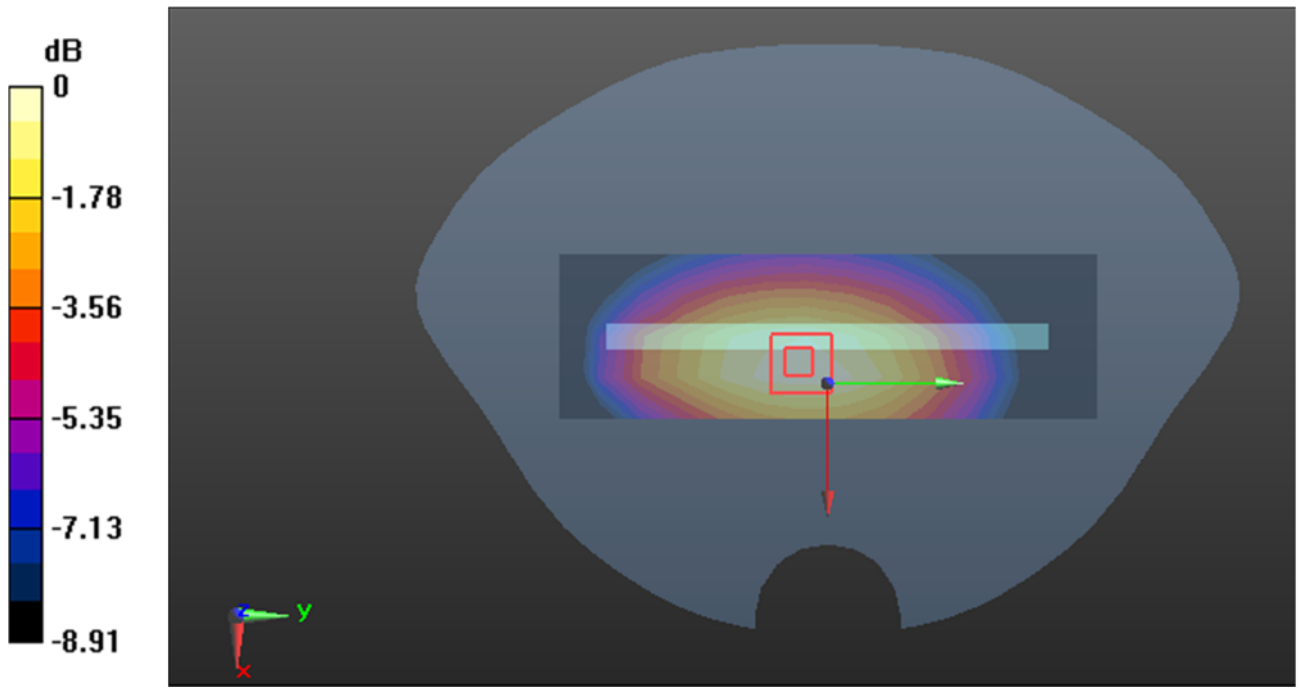
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.92 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

Plot137#: LTE Band 71_Body Bottom_1RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

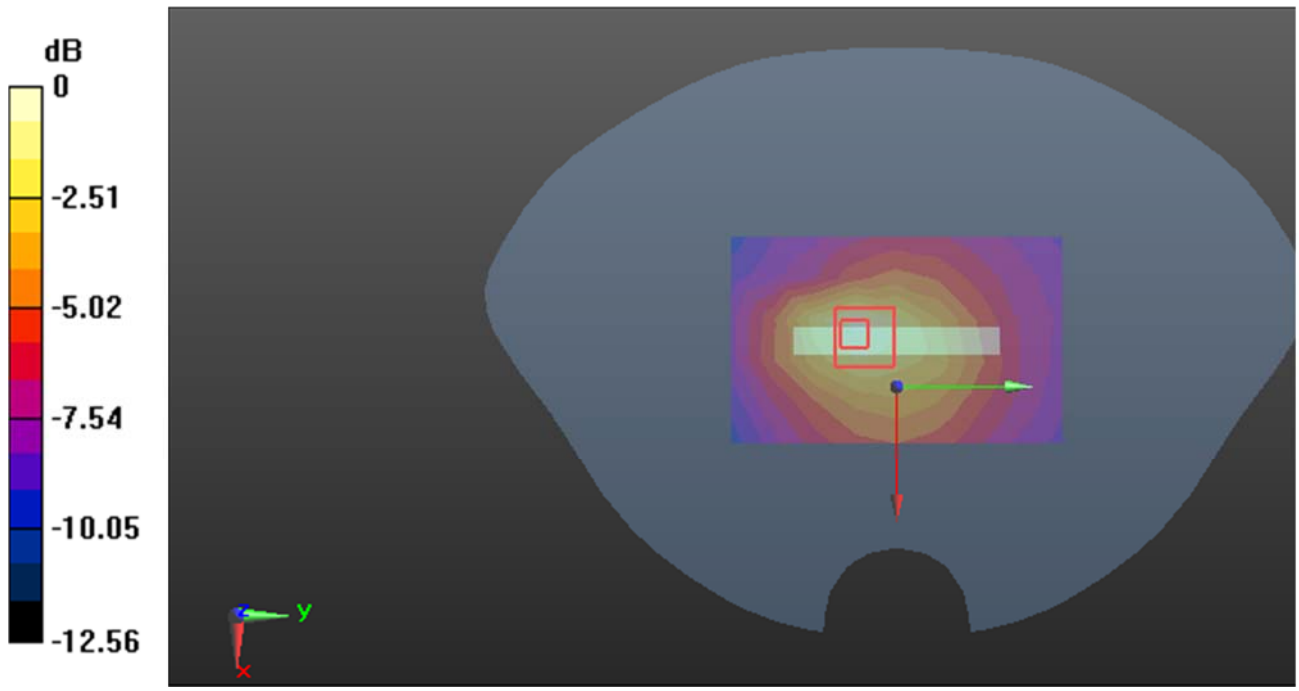
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0499 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.003 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0554 W/kg



0 dB = 0.0554 W/kg = -12.56 dBW/kg

Plot138#: LTE Band 71_Body Bottom_50%RB_Mid

DUT: Phone; Type: ASTRO A64; Serial: 2E5S-1;

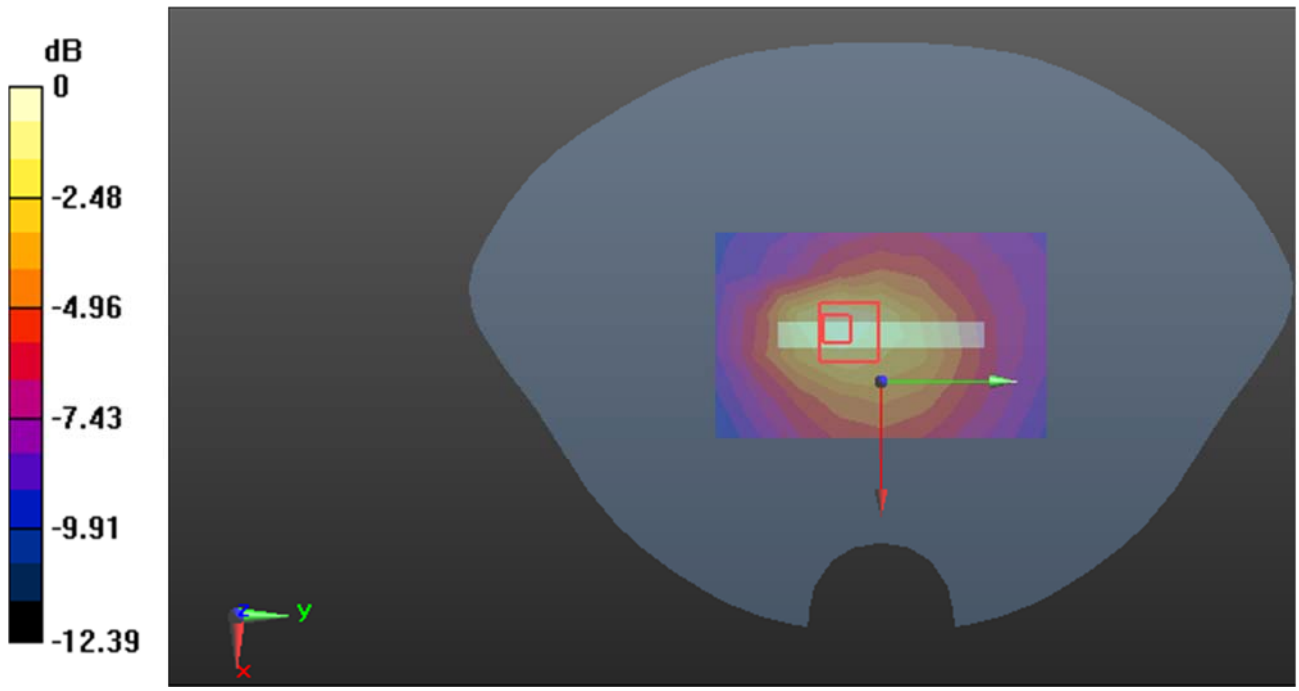
Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f =680.5 MHz; σ = 0.861 S/m; ε_r = 42.673; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(6.48, 6.48, 6.48) @680.5 MHz; Calibrated: 2023/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0389 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.320 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0850 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0458 W/kg



0 dB = 0.0458 W/kg = -13.39 dBW/kg

Plot 139#: 2.4G WIFI Mid _ Head Left Cheek

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

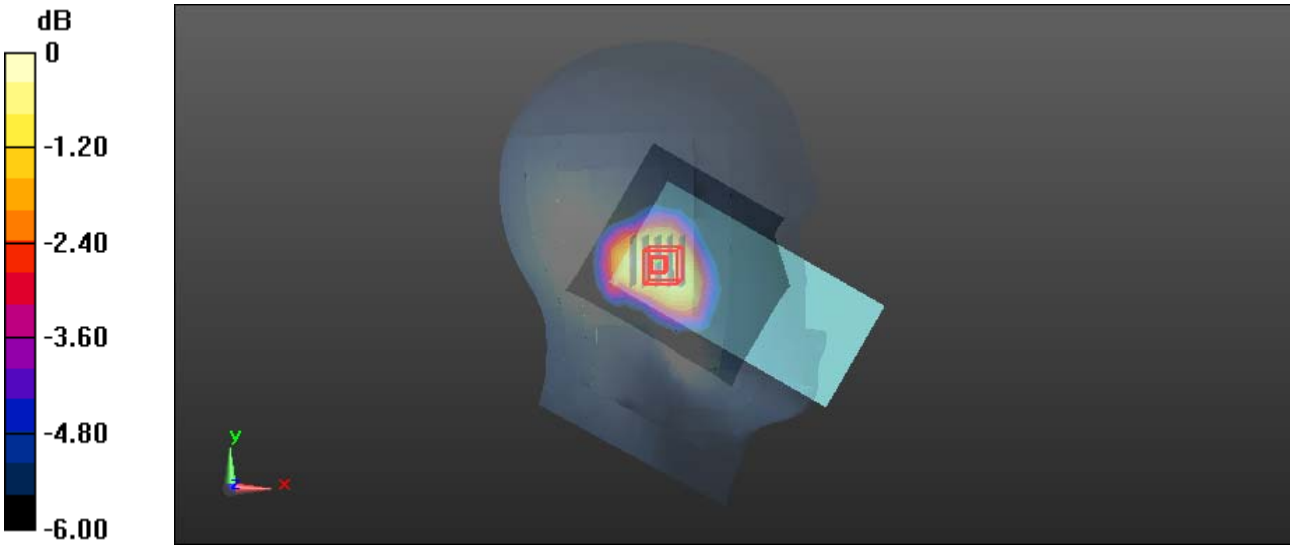
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.422 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.19 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.430 W/kg



0 dB = 0.430 W/kg = -3.67 dBW/kg

Plot 140#: 2.4G WIFI Mid _ Head Left Tilt

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

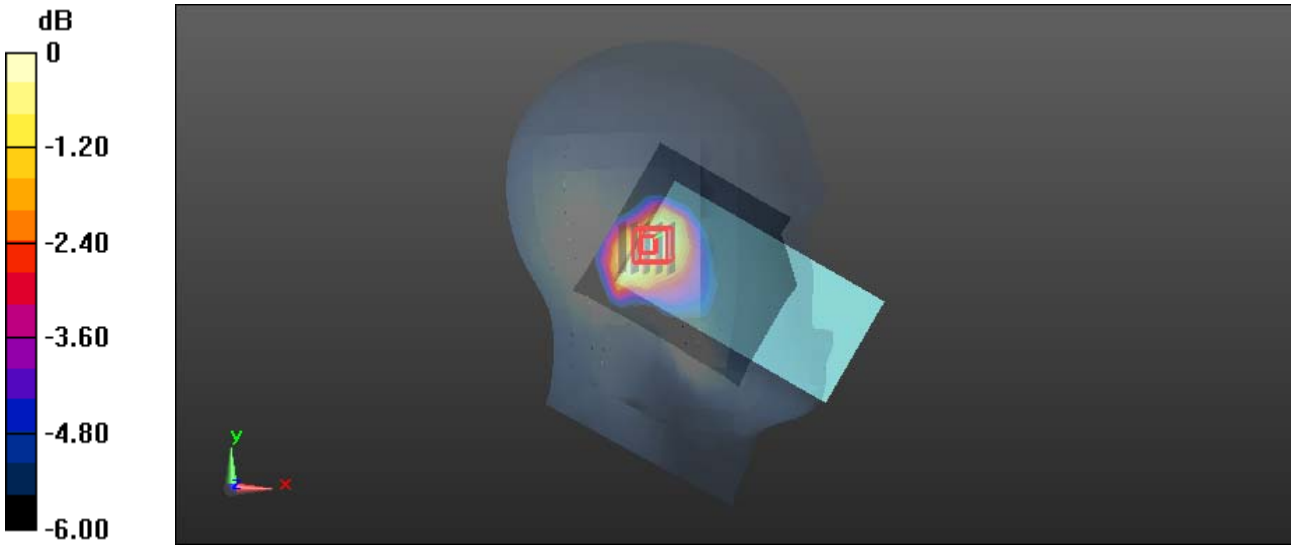
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.292 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.47 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

Plot 141#: 2.4G WIFI Mid _ Head Right Cheek

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

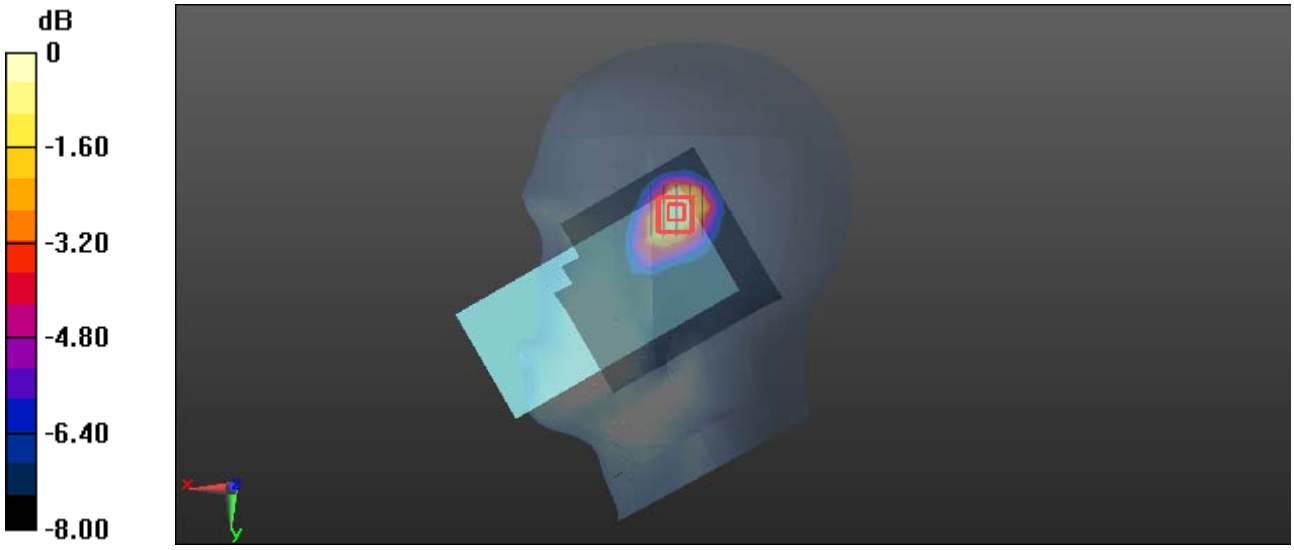
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.831 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.55 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.348 W/kg
Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 0.903 W/kg = -0.44 dBW/kg

Plot 142#: 2.4G WIFI Mid _ Head Right Tilt

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

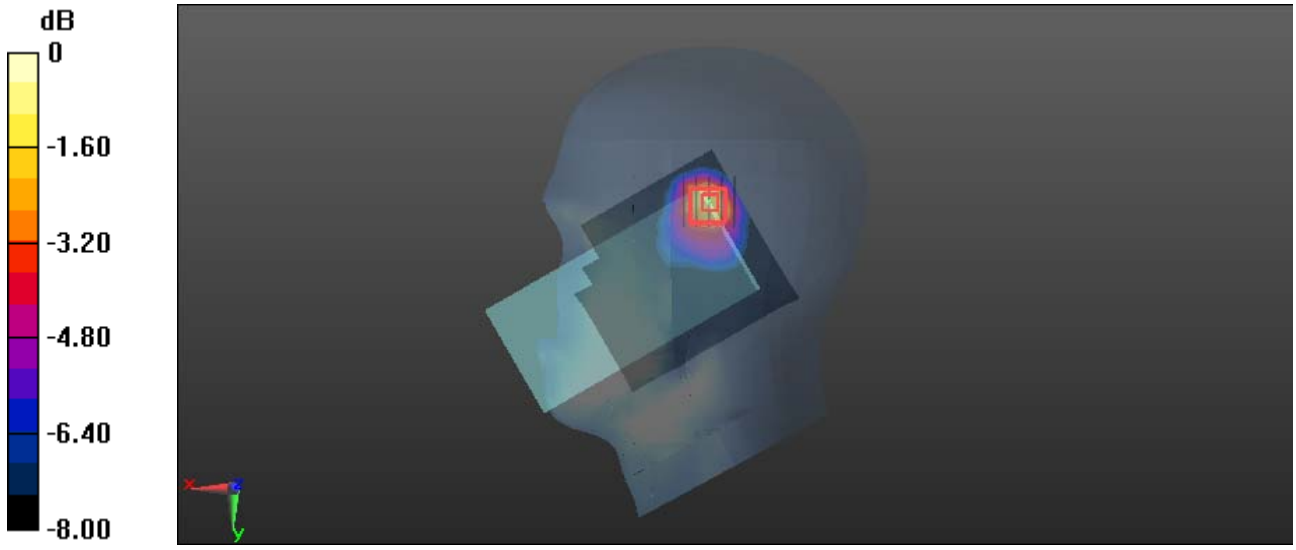
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.529 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.97 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

Plot 143#: 2.4G WIFI Mid _ Body Front

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

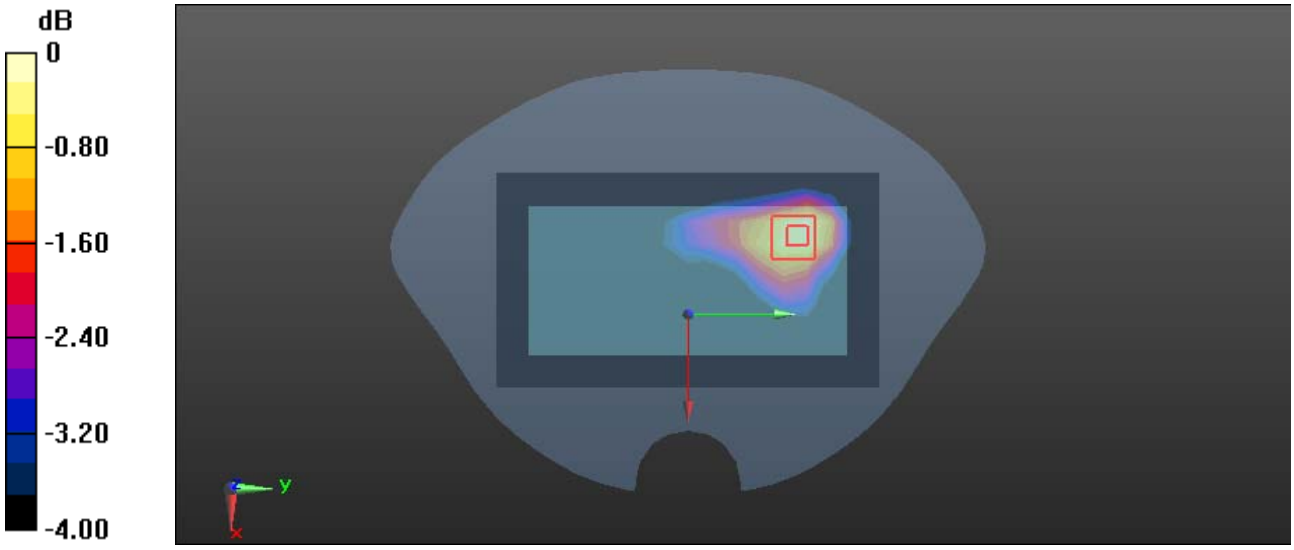
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.291 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.708 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

Plot144#: 2.4G WIFI Mid _ Body Back

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

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

Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.440 W/kg

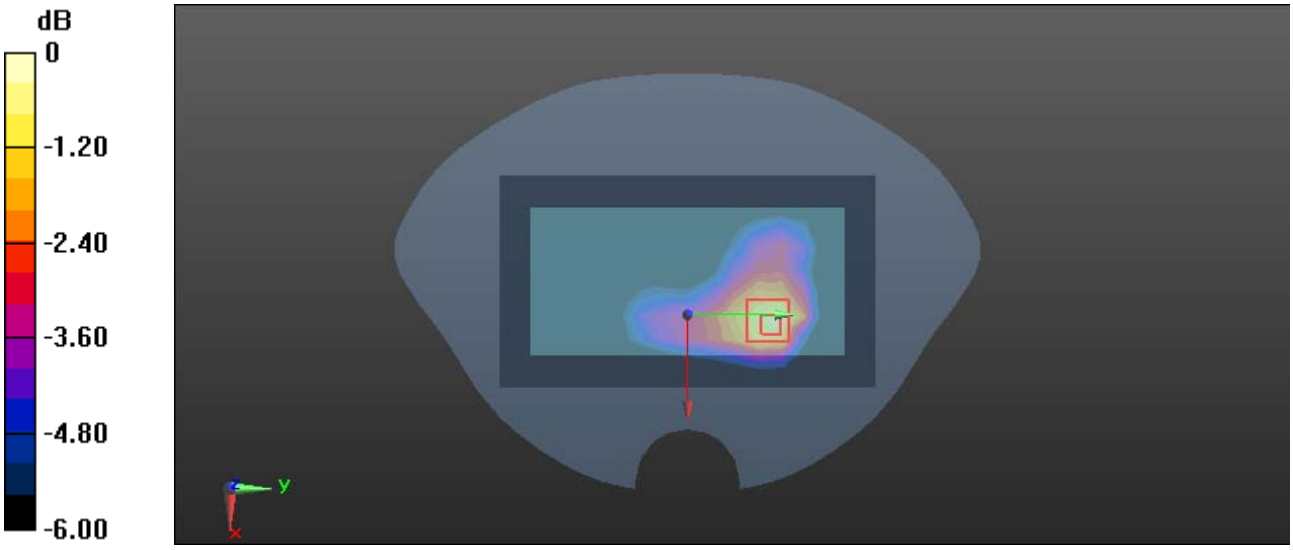
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.881 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.164 W/kg

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



0 dB = 0.458 W/kg = -3.39 dBW/kg

Plot 145#: 2.4G WIFI Mid _ Body Left

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

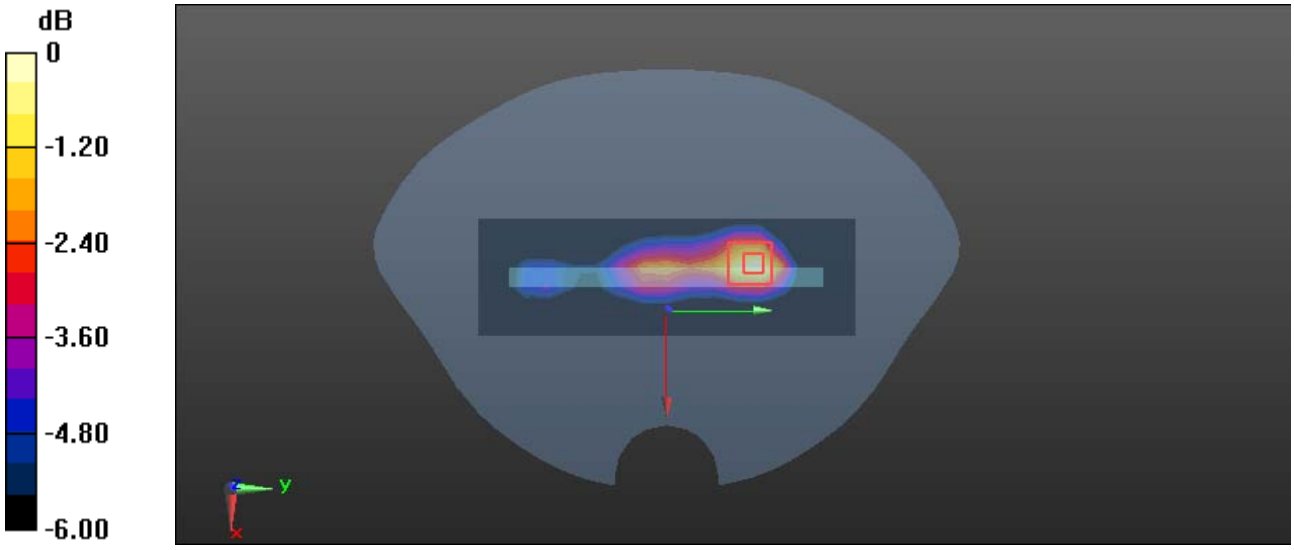
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.427 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.10 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.411 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

Plot 146#: 2.4G WIFI Mid _ Body Top

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

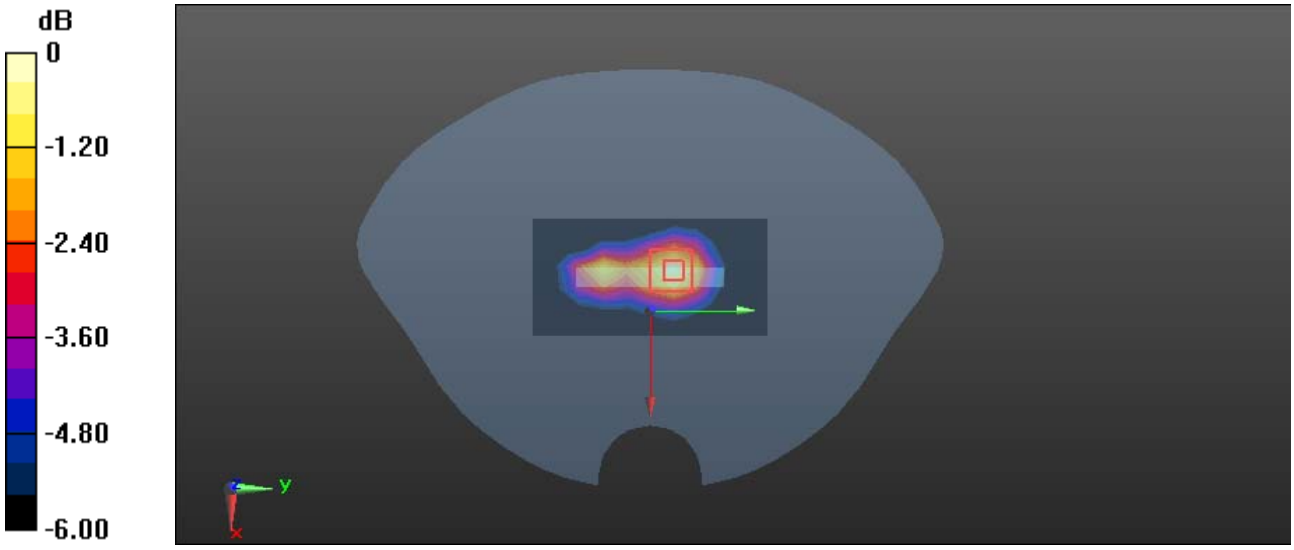
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.772S/m; ε_r = 39.135; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3157; ConvF(4.74, 4.74, 4.74) @ 2437 MHz; Calibrated: 2023/4/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.215 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.08 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

Plot 147#: 5.2G WIFI Mid _ Head Left Cheek

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

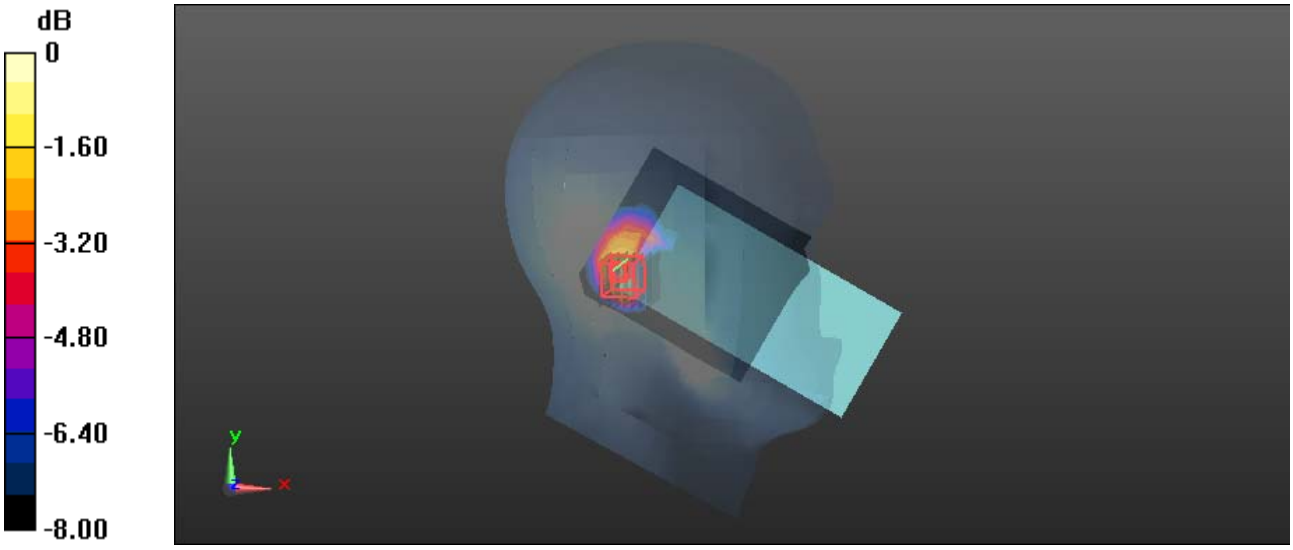
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.142 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.715 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

Plot 148#: 5.2G WIFI Mid _ Head Left Tilt

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

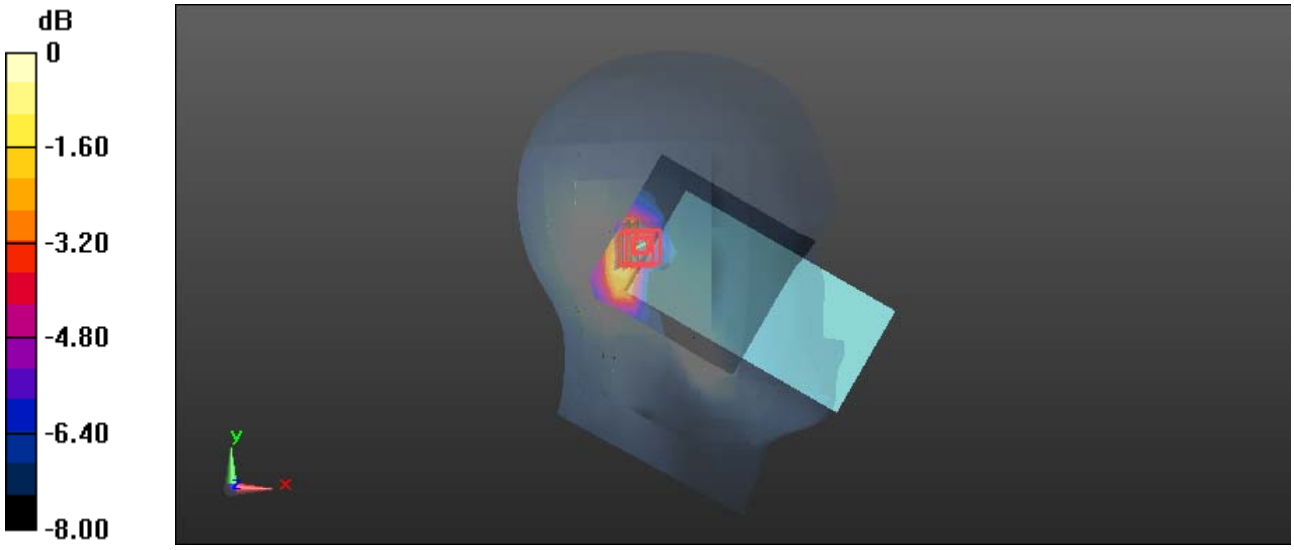
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.208 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.728 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.216 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

Plot 149#: 5.2G WIFI Mid _ Head Right Cheek

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

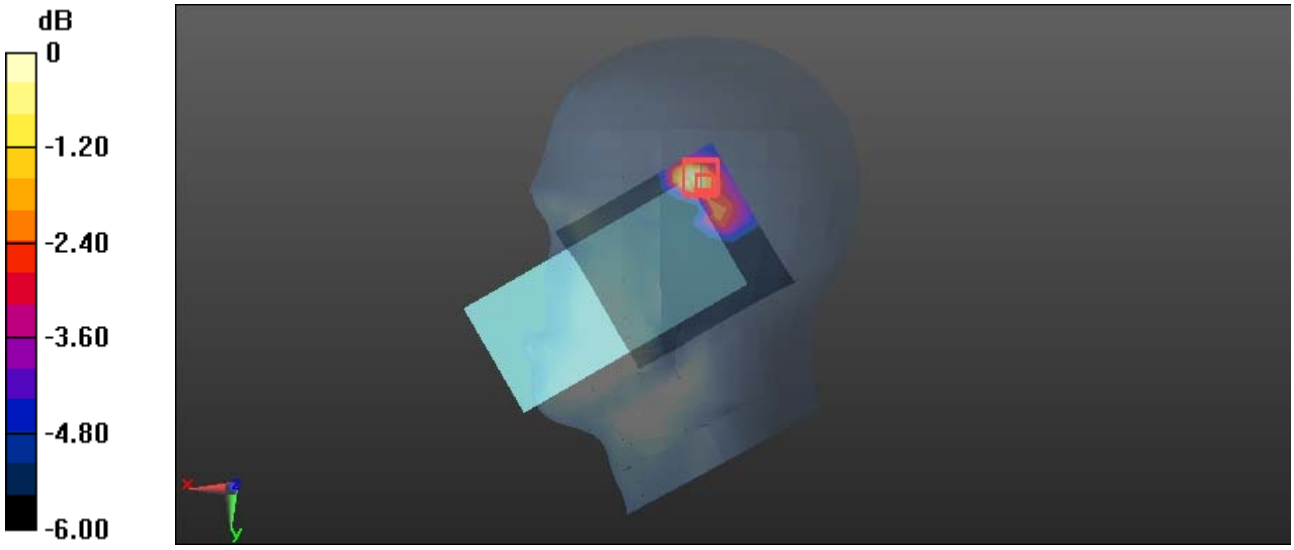
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.317 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.897 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Plot 150#: 5.2G WIFI Mid _ Head Right Tilt

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

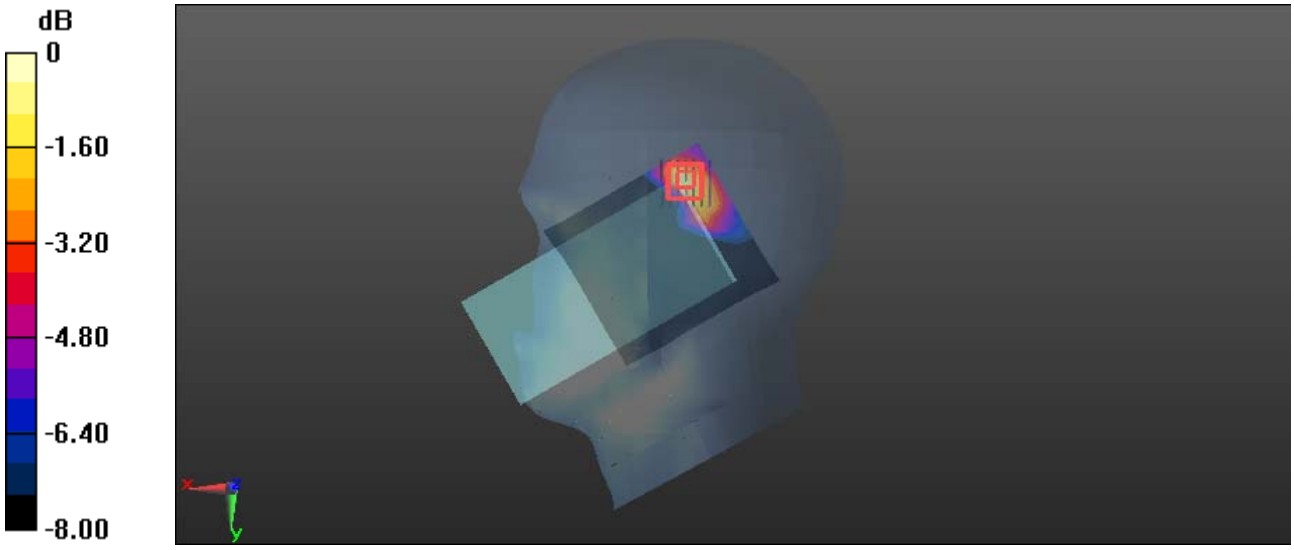
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.263 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.925 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Plot 151#: 5.2G WIFI Mid _ Body Front

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

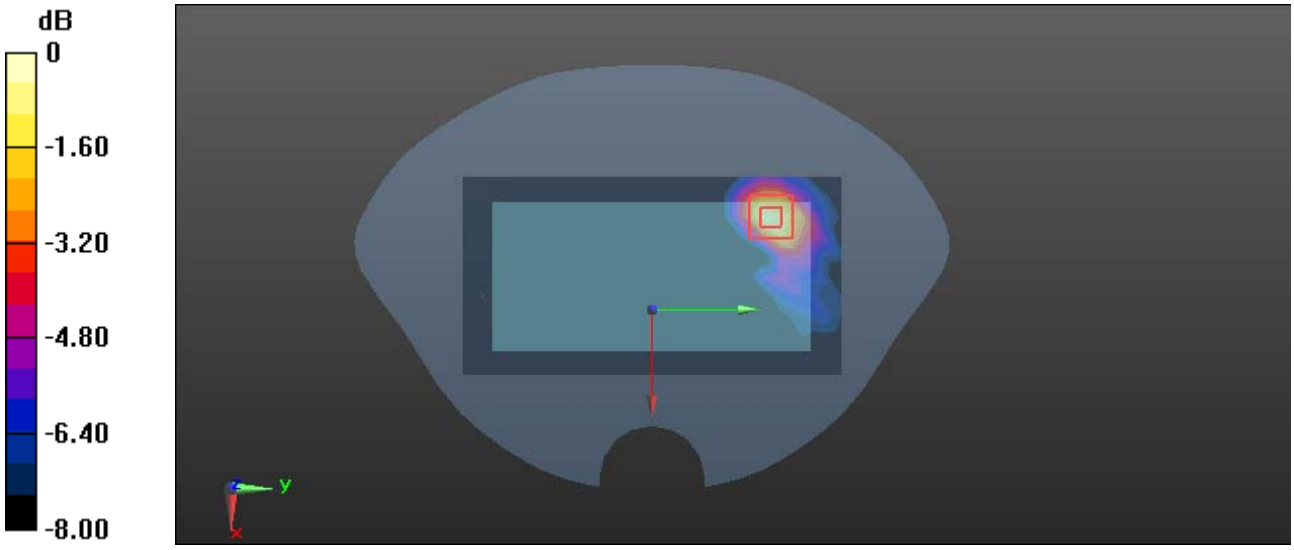
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0927 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9620 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0985 W/kg



0 dB = 0.0985 W/kg = -10.07 dBW/kg

Plot 152#: 5.2G WIFI Mid _ Body Back

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm

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

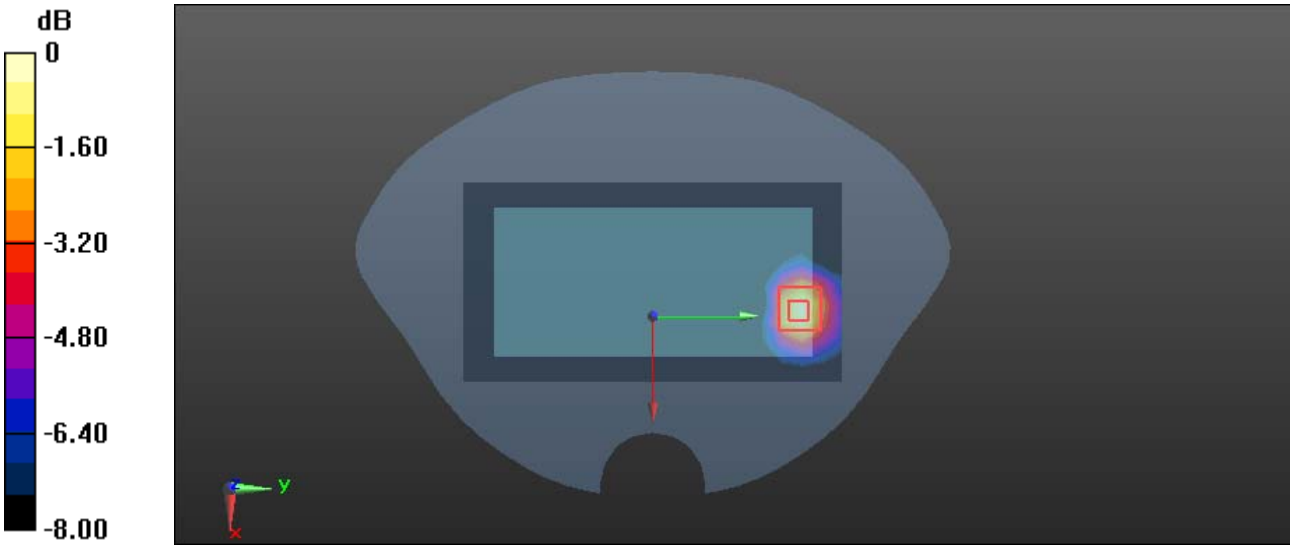
Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.492 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

Plot 153#: 5.2G WIFI Mid _ Body Left

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

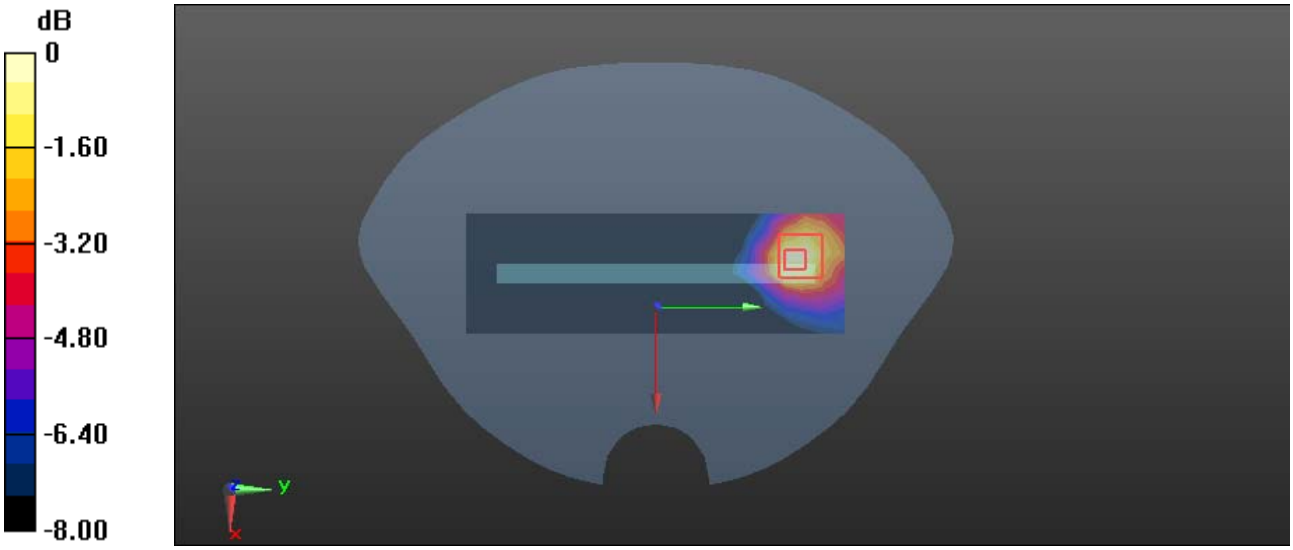
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.236 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.711 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.244 W/kg



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

Plot 154#: 5.2G WIFI Mid _ Body Top

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

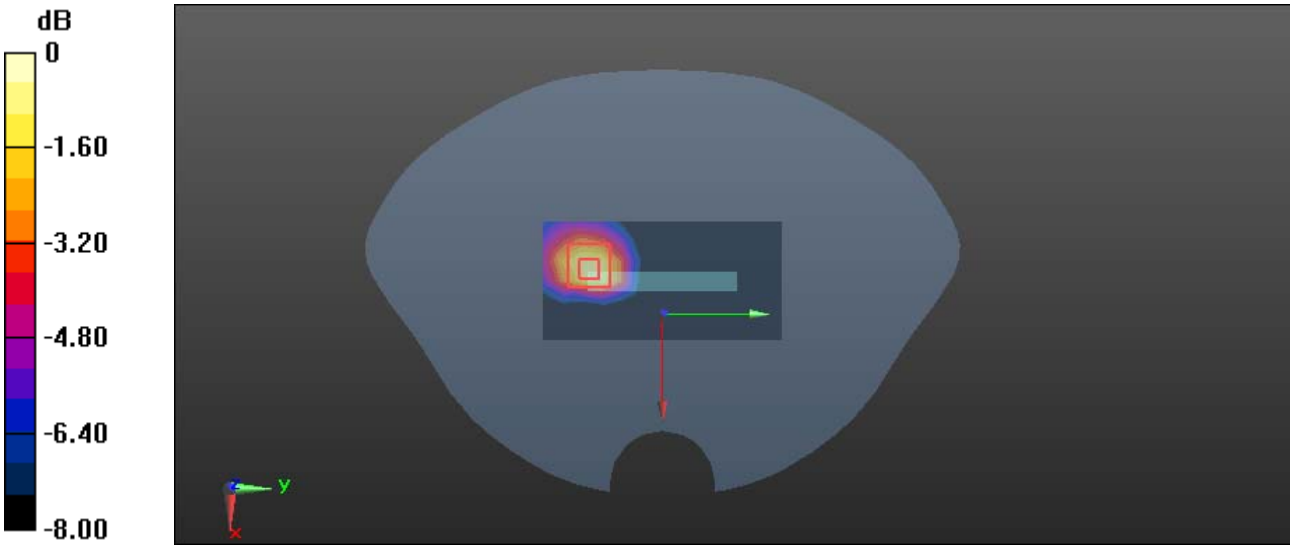
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.697 S/m; ε_r = 35.752; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.36, 5.36, 5.36) @ 5200 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.367 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.809 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

Plot 155#: 5.8G WIFI Mid _ Head Left Cheek

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

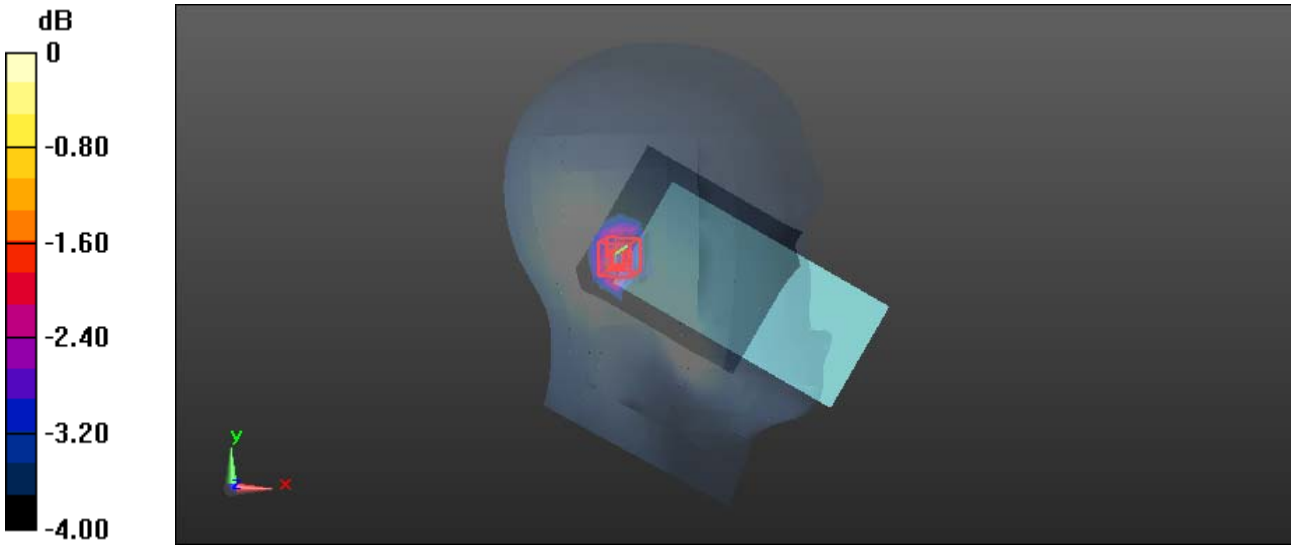
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.370 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.656 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

Plot 156#: 5.8G WIFI Mid _ Head Left Tilt

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

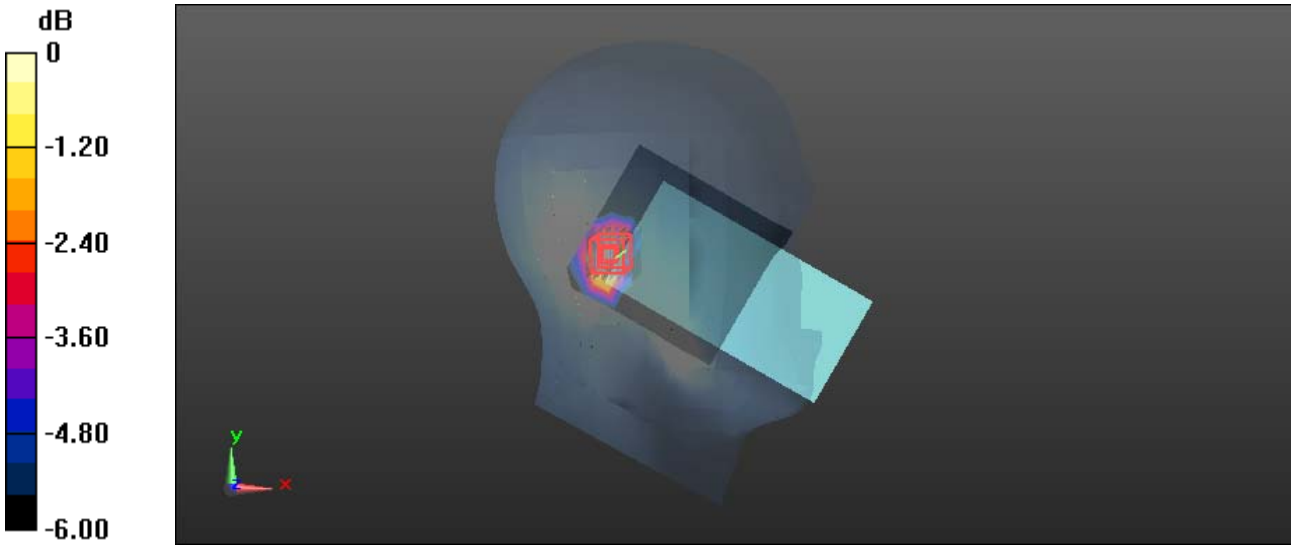
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.346 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.931 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -4.37 dBW/kg

Plot 157#: 5.8G WIFI Mid _ Head Right Cheek

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

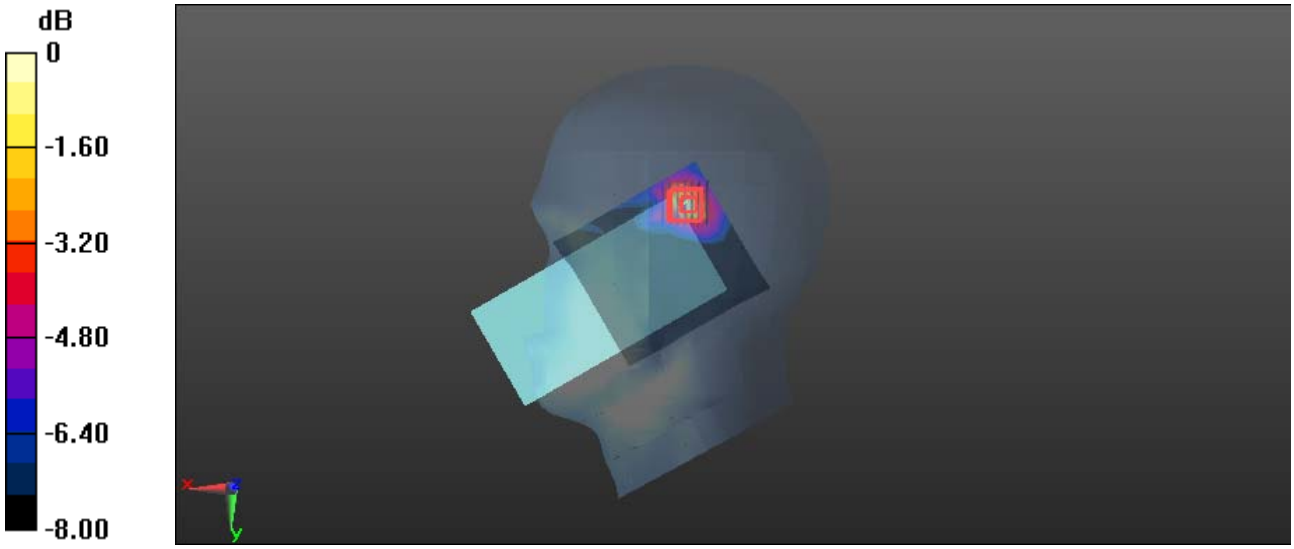
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.541 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.775 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.532 W/kg



0 dB = 0.532 W/kg = -2.74 dBW/kg

Plot 158#: 5.8G WIFI Mid _ Head Right Tilt

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

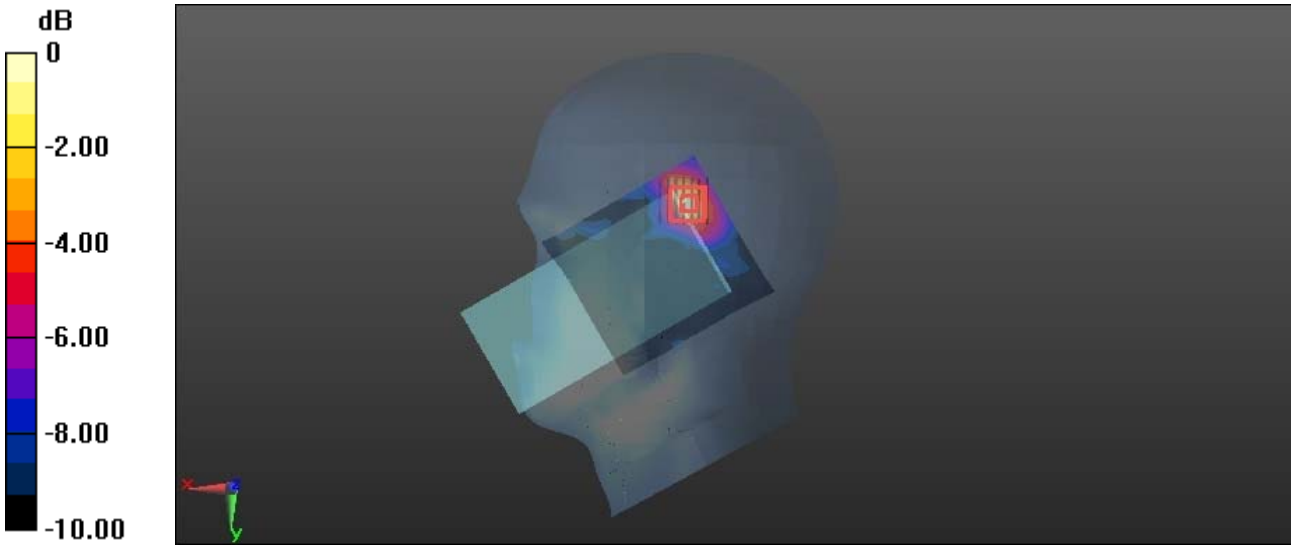
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.513 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.547 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.881 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.507 W/kg



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

Plot 159#: 5.8G WIFI Mid _ Body Front

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

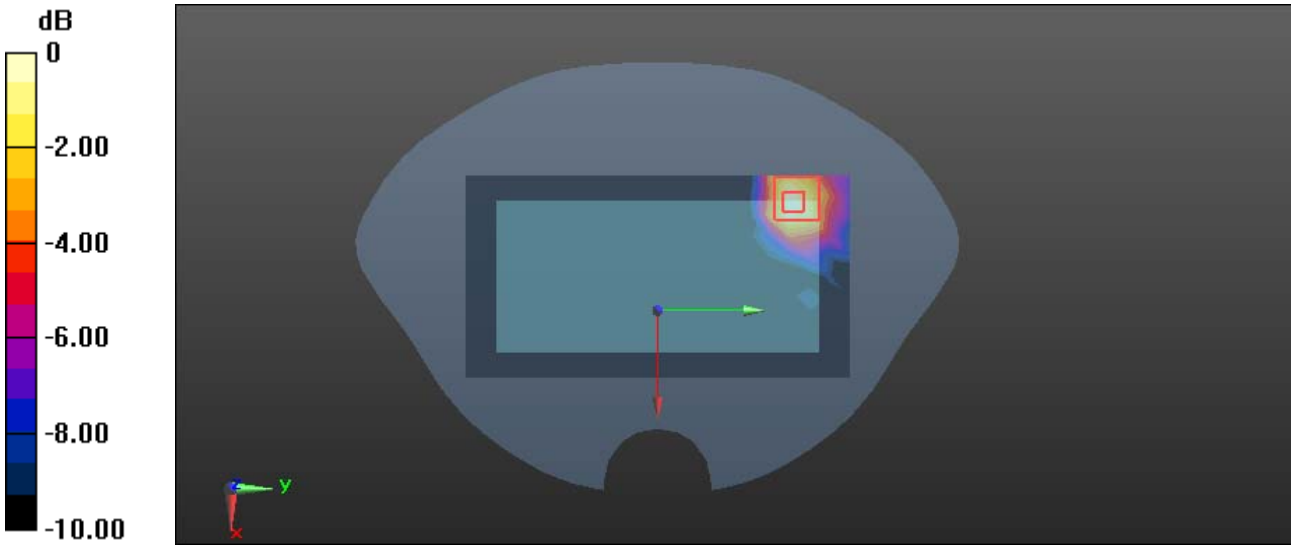
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.133 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.354 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg

Plot 160#: 5.8G WIFI Mid _ Body Back

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

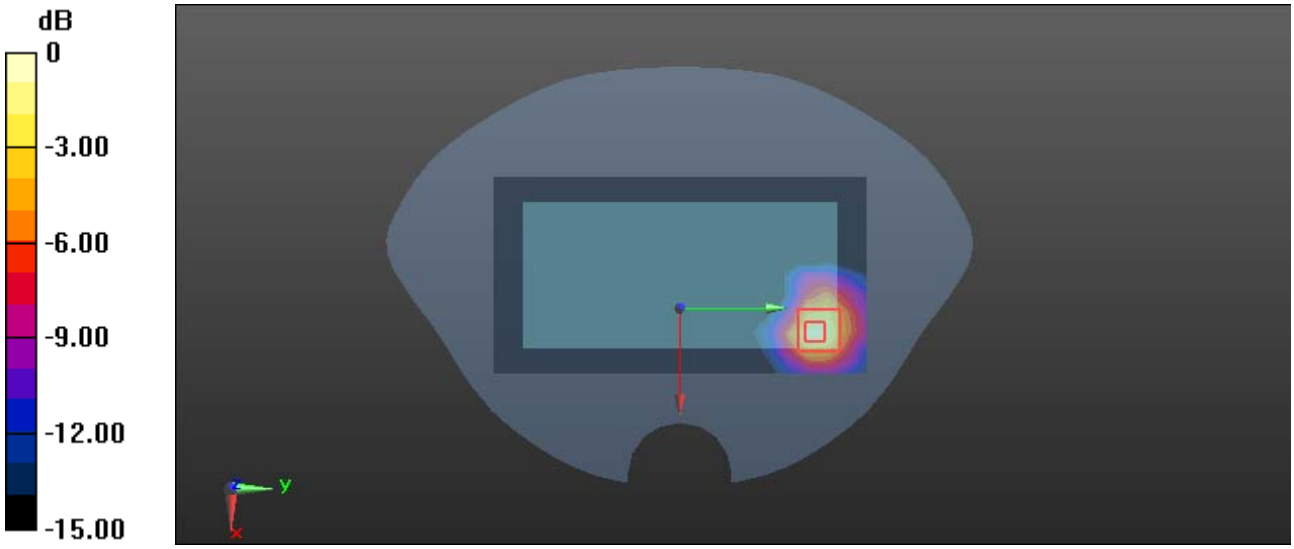
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.663 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.059 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

Plot 161#: 5.8G WIFI Mid _ Body Left

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

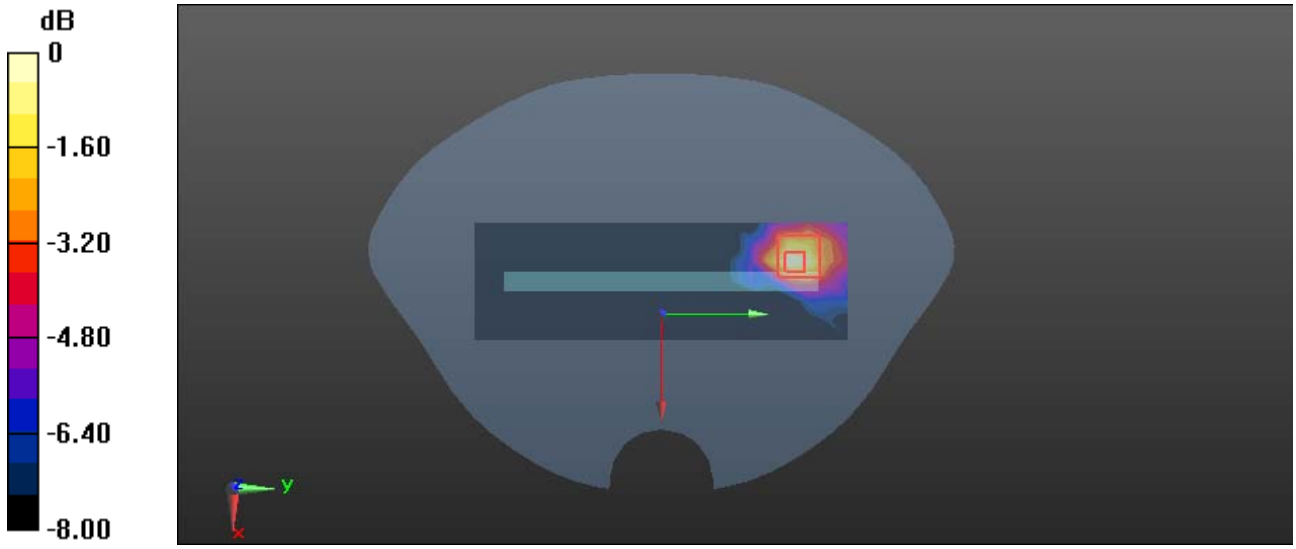
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.368 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.612 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.092 W/kg
Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg

Plot 162#: 5.8G WIFI Mid _ Body Top

DUT: phone ; Type: ASTRO A64; Serial: 2E5S-1

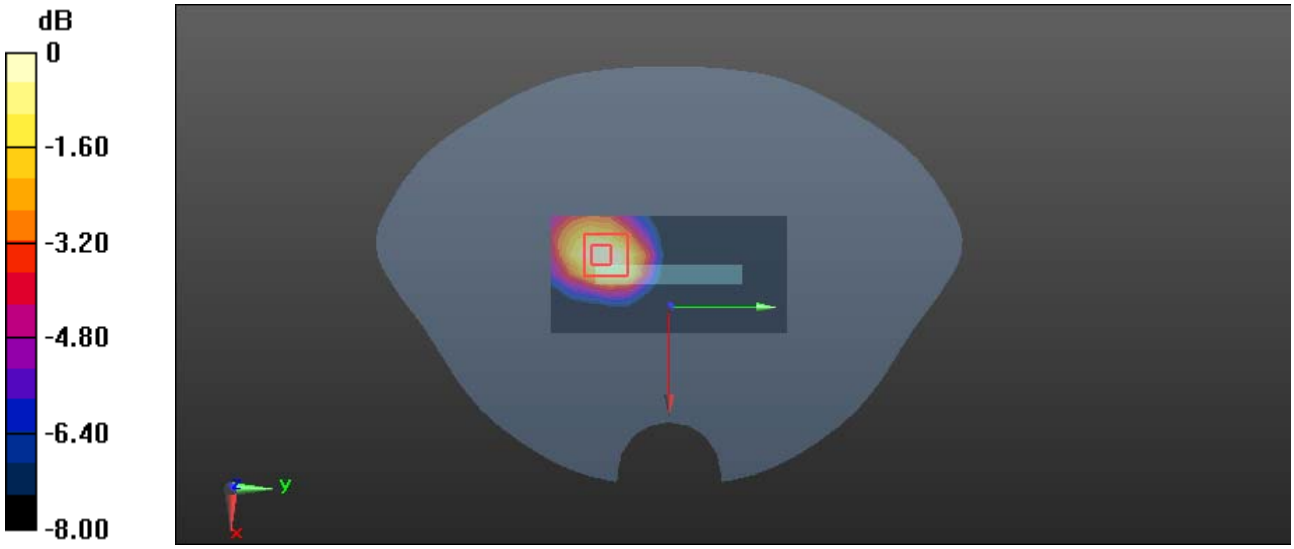
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.437 S/m; ε_r = 34.687; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.9, 4.9, 4.9) @ 5785 MHz; Calibrated: 2023/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2023/3/17
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.401 W/kg

Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.983 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg