

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 4 20MHz bandwidth QPSK 50RB0 Offset 20175CH Right Cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.299$  S/m;  $\epsilon_r = 40.494$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.54, 8.54, 8.54); Calibrated: 2018-1-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-8-31
- Phantom: SAM1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.804 W/kg

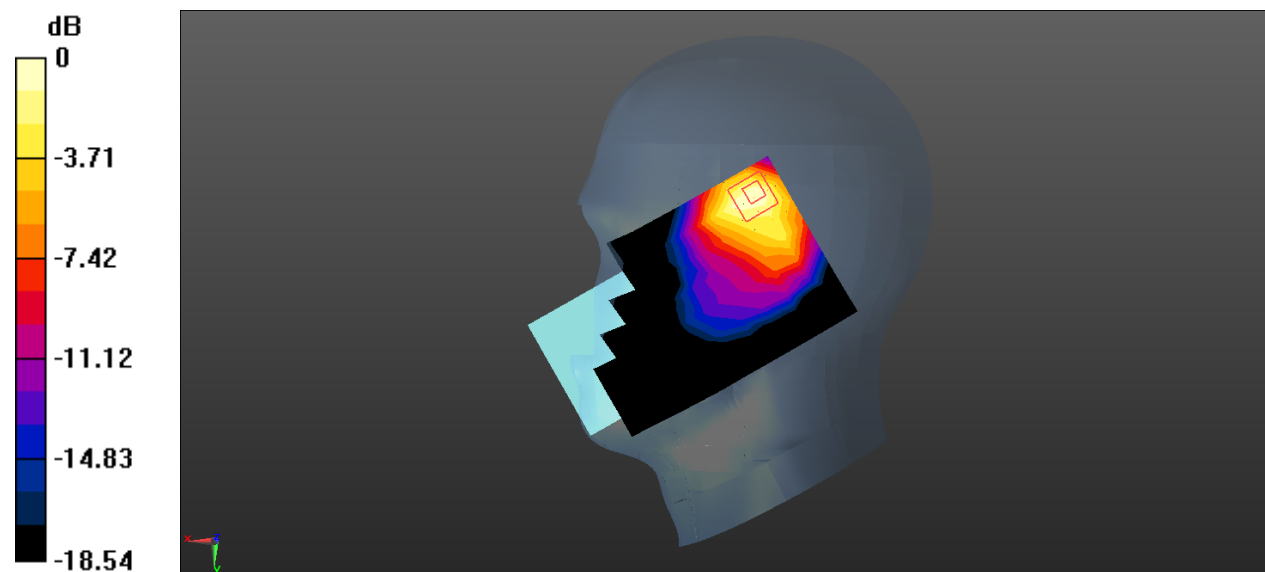
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.24 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.273 W/kg**

Maximum value of SAR (measured) = 0.754 W/kg



0 dB = 0.754 W/kg = -1.23 dBW/kg

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## YAS-L09 LTE Band 4 20MHz bandwidth QPSK 1RB0 Offset 20175CH Back side 15mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.491$  S/m;  $\epsilon_r = 53.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.49, 8.49, 8.49); Calibrated: 2018-1-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-8-31
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.331 W/kg

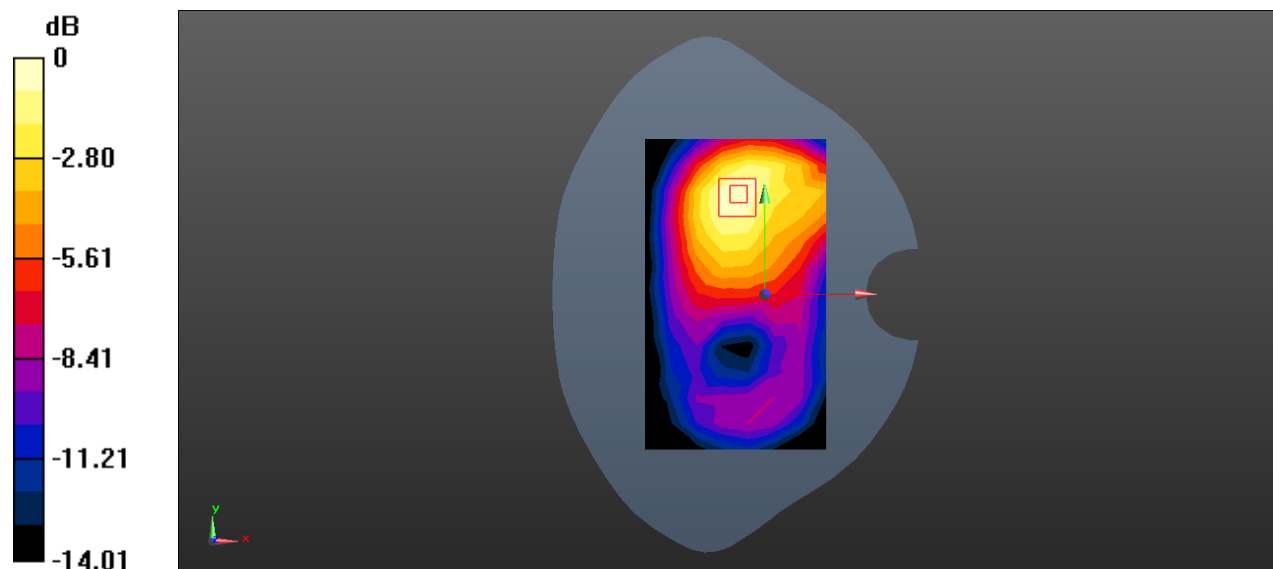
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.087 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.177 W/kg**

Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg

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## YAS-L09 LTE Band 4 20MHz bandwidth QPSK 50RB0 Offset 20175CH Top side 10mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.491$  S/m;  $\epsilon_r = 53.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.49, 8.49, 8.49); Calibrated: 2018-1-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-8-31
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.297 W/kg

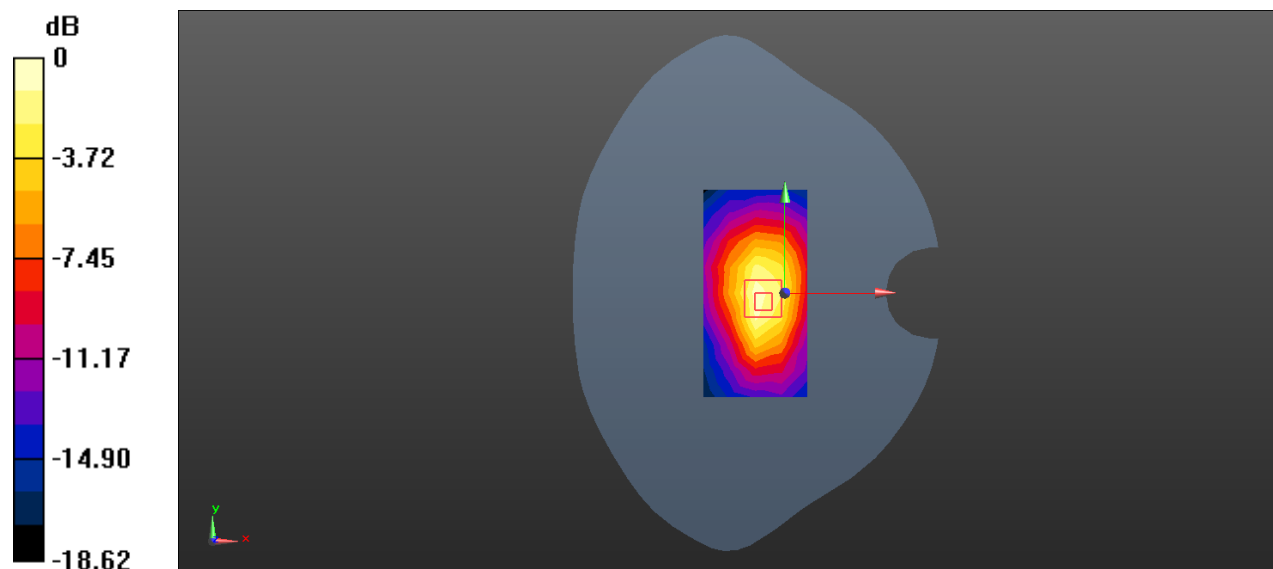
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

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## YAS-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20600CH Right cheek Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 42.484$ ;  $\rho = 1000$  kg/m<sup>3</sup>

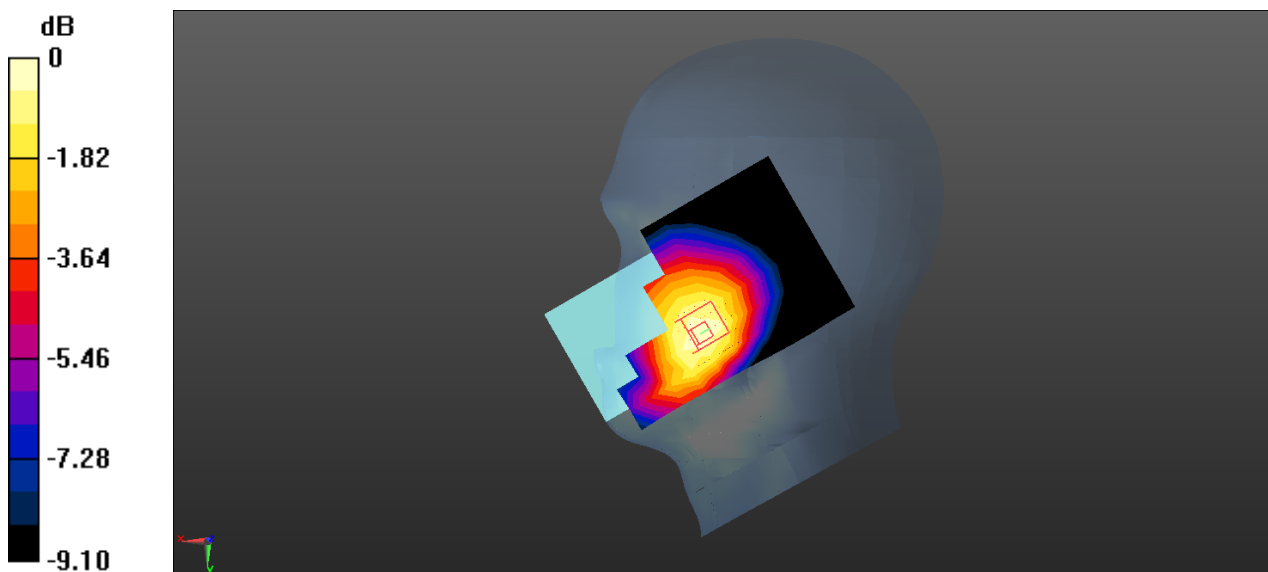
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.277 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 4.469 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 0.307 W/kg  
**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.184 W/kg**



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

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## YAS-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20600CH Back side 15mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz;Duty Cycle: 1:1

Medium: MSL835;Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.984$  S/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.431 W/kg

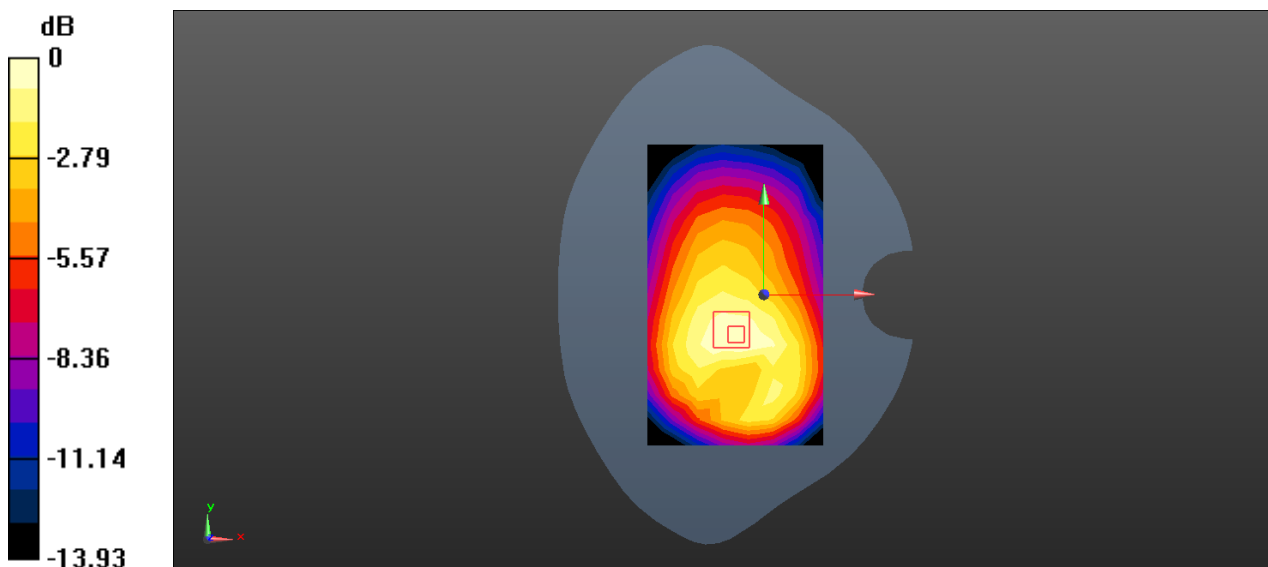
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.31 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.510 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.258 W/kg**

Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

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## YAS-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20450CH Back side 10mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 829$  MHz;  $\sigma = 1.001$  S/m;  $\epsilon_r = 56.527$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.650 W/kg

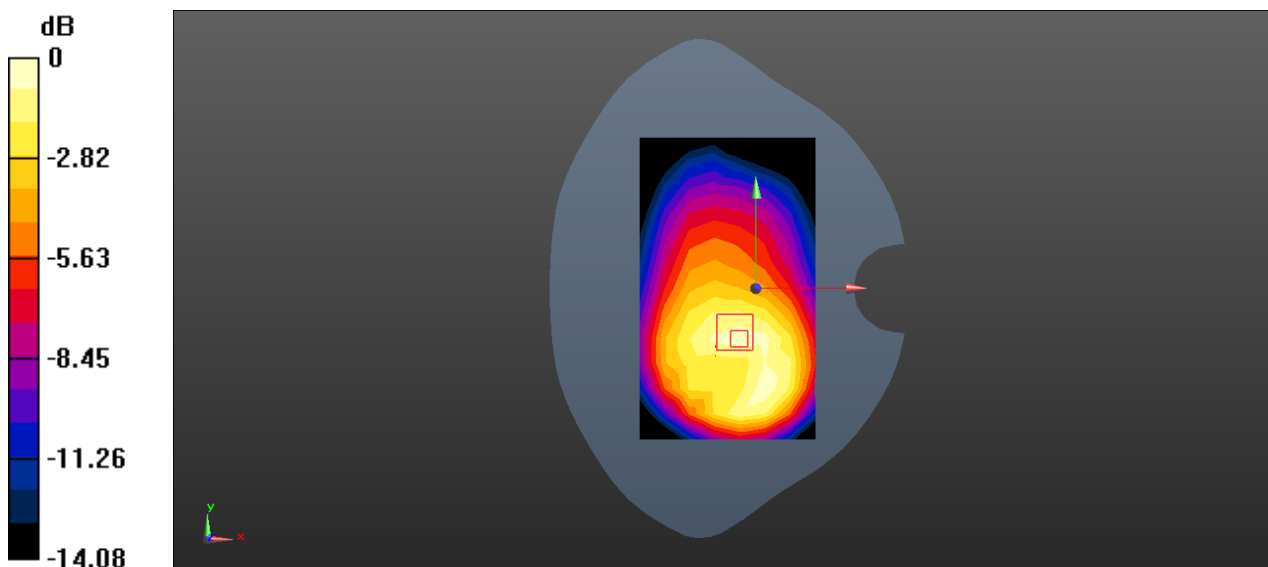
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.57 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.357 W/kg**

Maximum value of SAR (measured) = 0.665 W/kg



0 dB = 0.665 W/kg = -1.77 dBW/kg

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## YAS-L09 LTE Band 5 10MHz bandwidth QPSK 25RB0 Offset 20450CH Left cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.793 W/kg

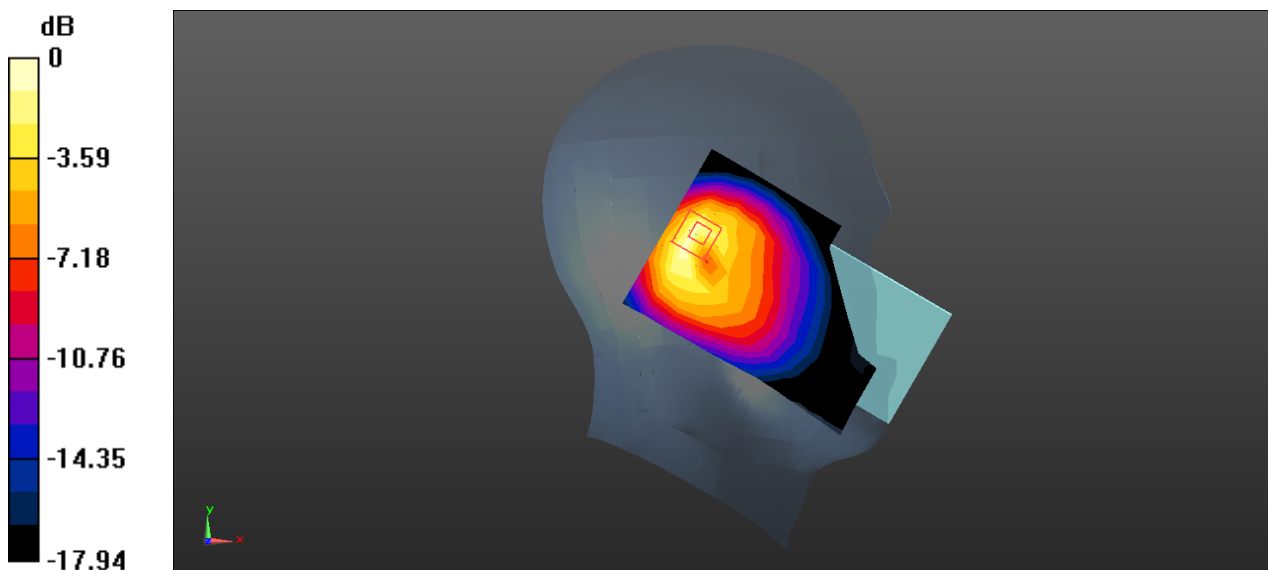
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 23.23 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 0.878 W/kg



0 dB = 0.878 W/kg = -0.57 dBW/kg

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## YAS-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20525CH Front side 15mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 1.009$  S/m;  $\epsilon_r = 54.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.197 W/kg

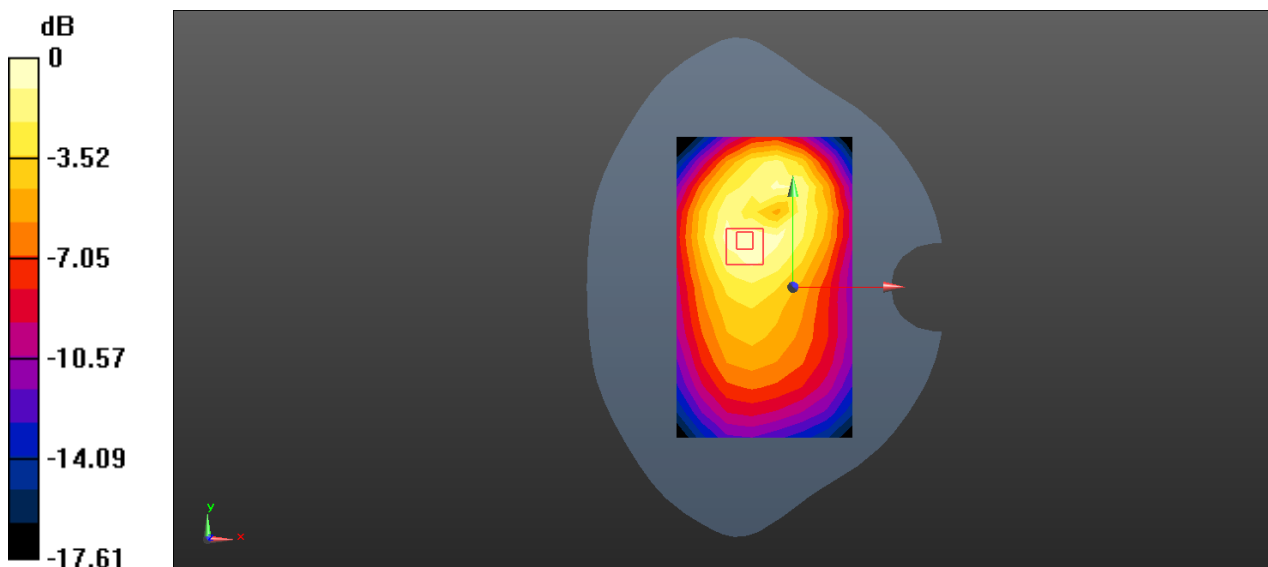
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.626 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.110 W/kg**

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



0 dB = 0.196 W/kg = -7.08 dBW/kg



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**YAS-L09 LTE Band 5 10MHz bandwidth QPSK 25RB0 Offset 20450CH Back side 10mm Ant2**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 829$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 54.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.217 W/kg

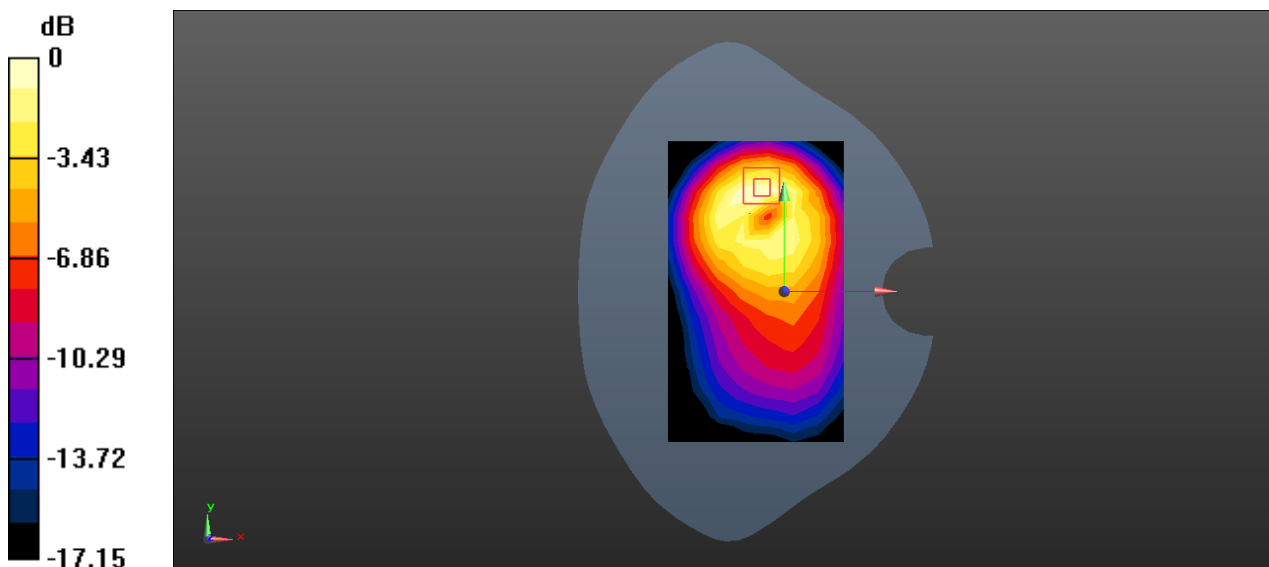
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.678 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

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**YAS-L09 LTE Band 7 20MHz bandwidth QPSK 1RB99 Offset 21350CH Right cheek Ant1**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.985$  S/m;  $\epsilon_r = 38.322$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.140 W/kg

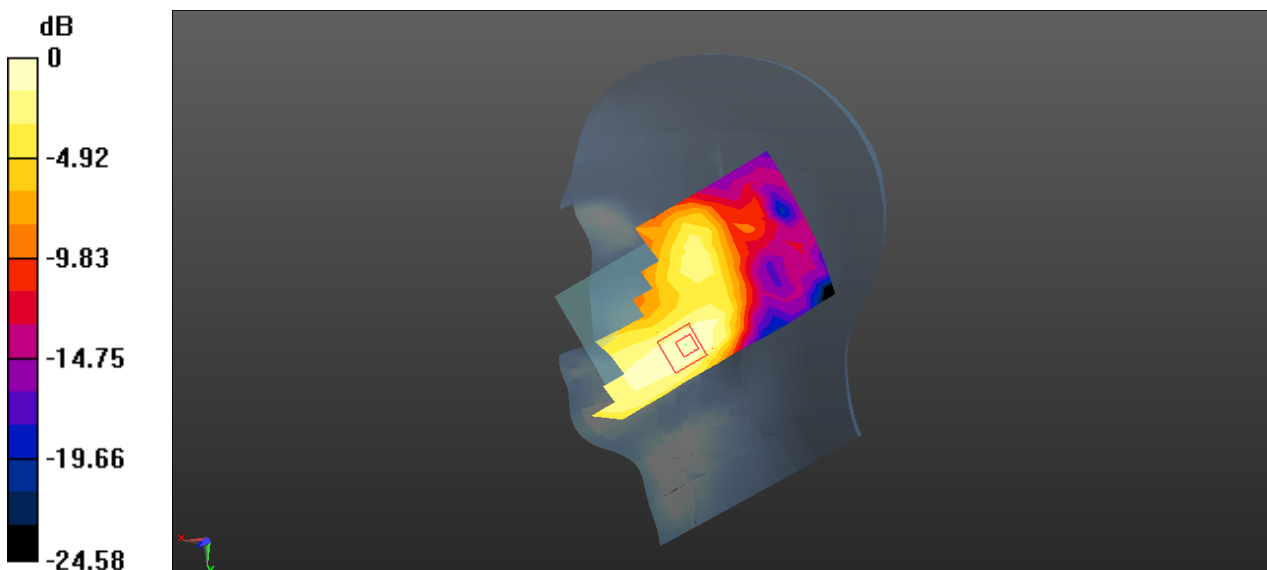
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.027 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.056 W/kg**

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



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

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## YAS-L09 LTE Band 7 20MHz bandwidth QPSK 1RB99 Offset 21350CH Front side 15mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: MSL2600;Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.481 W/kg

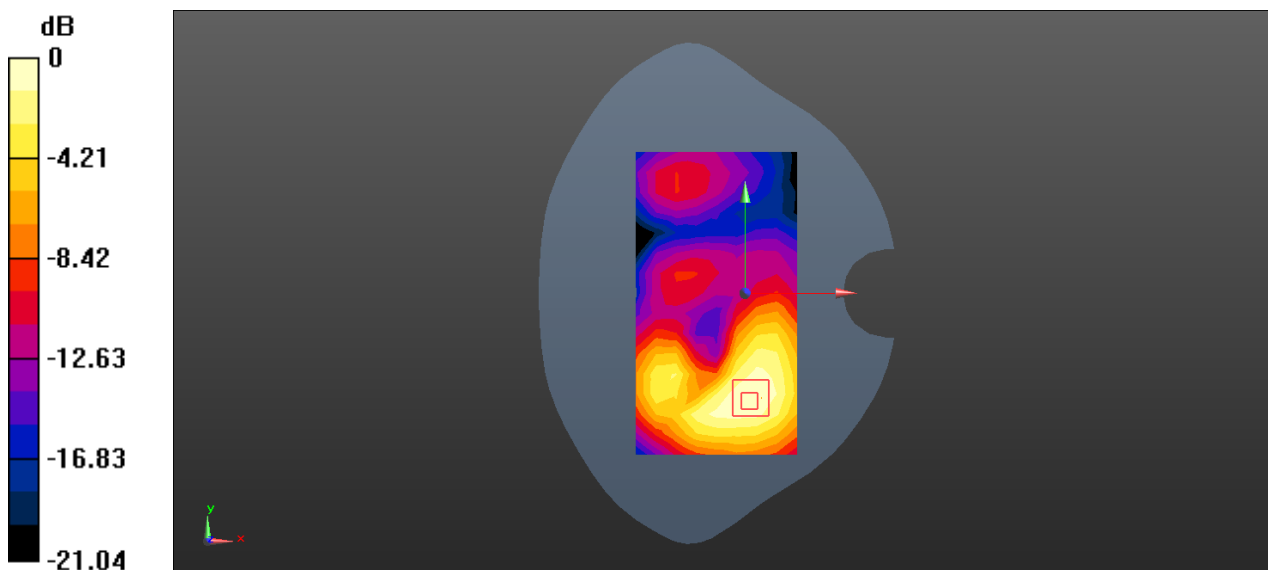
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.377 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.643 W/kg

**SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.210 W/kg**

Maximum value of SAR (measured) = 0.503 W/kg



0 dB = 0.503 W/kg = -2.98 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 7 20MHz bandwidth QPSK 50RB50 Offset 21350CH Bottom side 10mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.735 W/kg

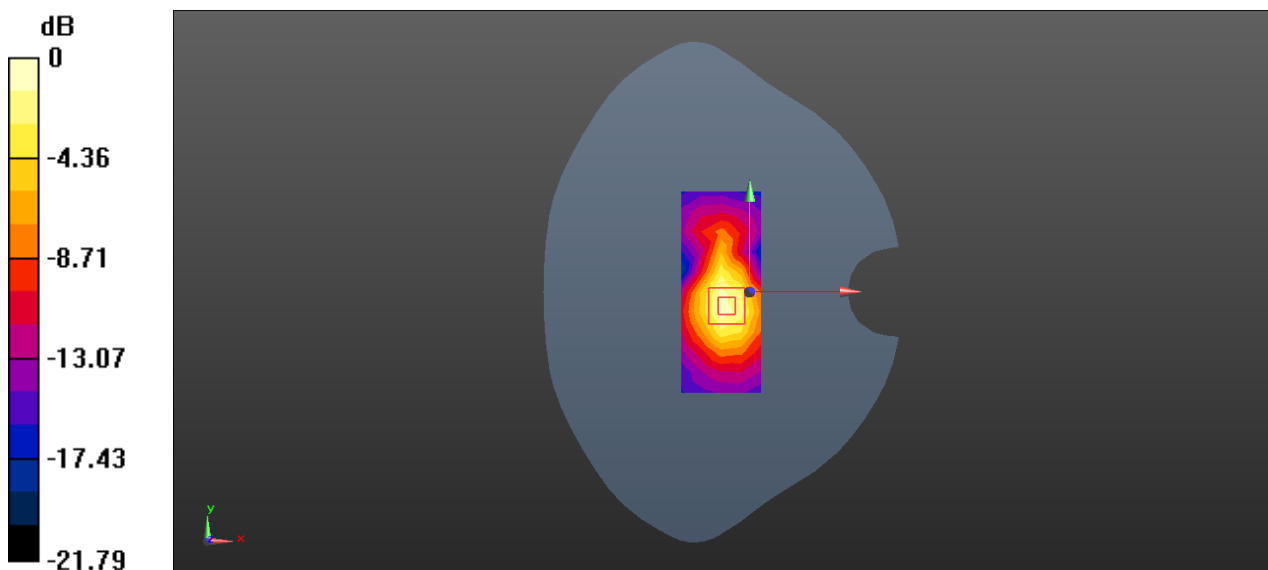
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.54 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg = -0.83 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 7 20MHz bandwidth QPSK 50RB50 Offset 21350CH Bottom side 3mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 4.97 W/kg

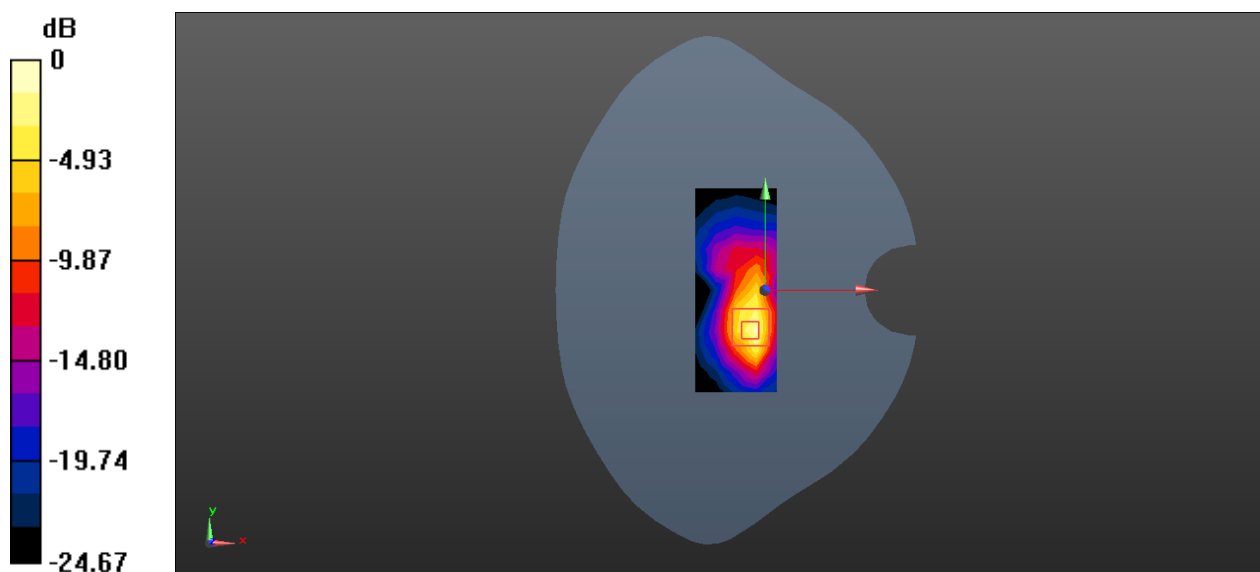
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 16.16 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 8.59 W/kg

**SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.5 W/kg**

Maximum value of SAR (measured) = 6.08 W/kg



0 dB = 6.08 W/kg = 7.84 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 7 20MHz bandwidth QPSK 50RB50 Offset 21350CH Right cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.985$  S/m;  $\epsilon_r = 38.322$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.761 W/kg

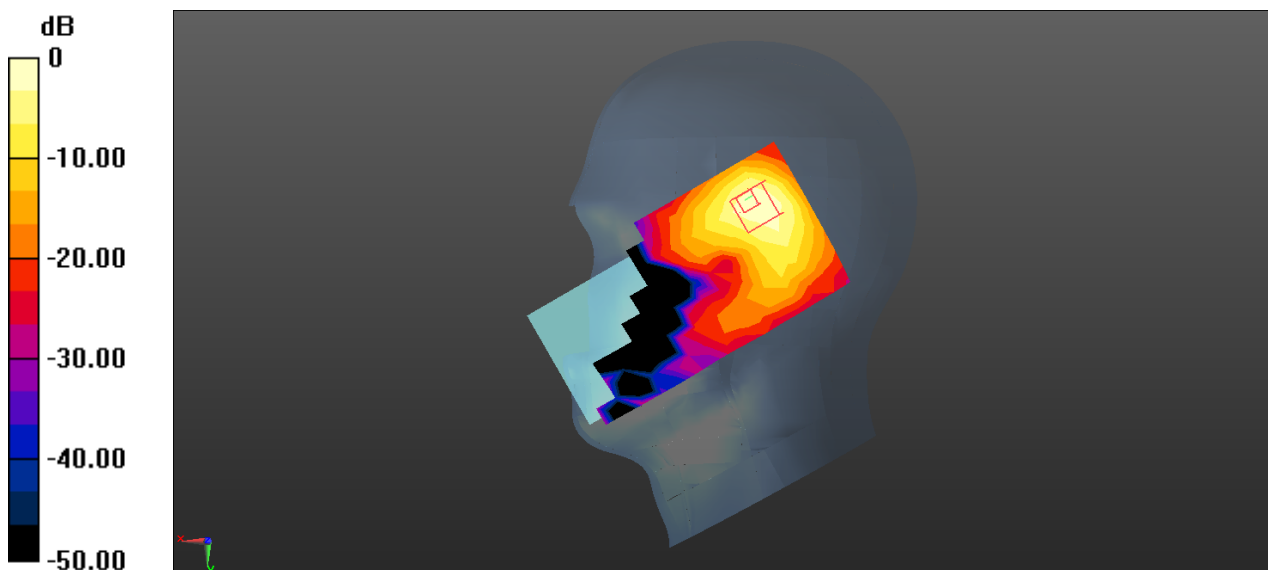
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.668 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.810 W/kg



0 dB = 0.810 W/kg = -0.92 dBW/kg

Test Laboratory: SGS-SAR Lab

### **YAS-L09 LTE Band 7 20MHz bandwidth QPSK 50RB50 Offset 21350CH Back side 15mm Ant2**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.544 W/kg

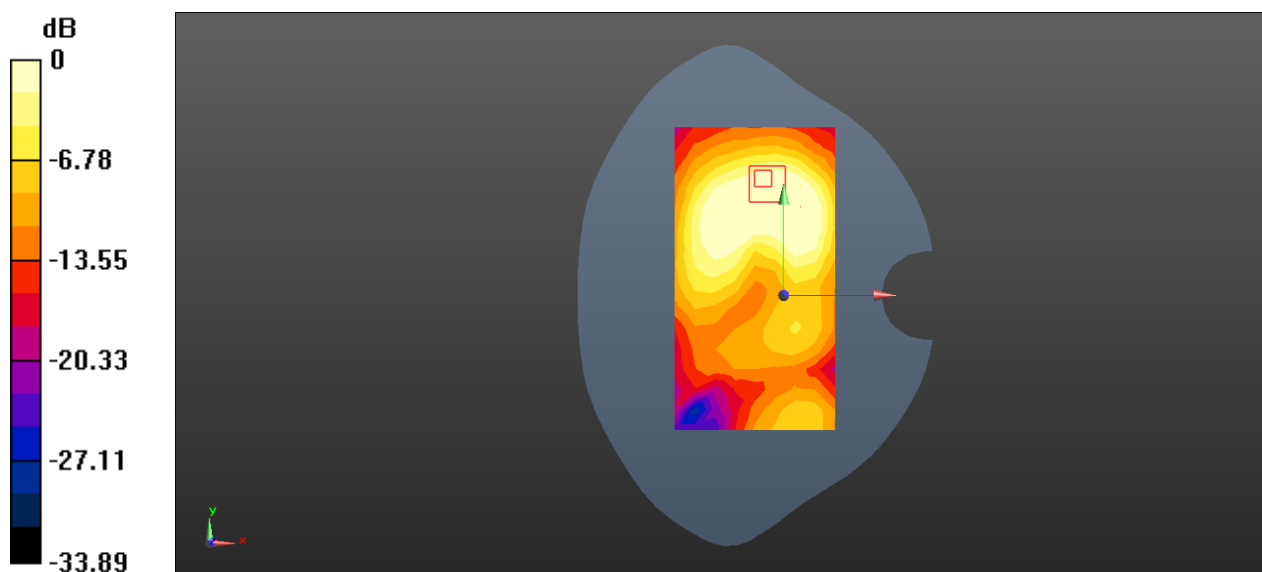
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.170 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.301 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.230 W/kg = -6.38 dBW/kg

Test Laboratory: SGS-SAR Lab

**YAS-L09 LTE Band 7 20MHz bandwidth QPSK 50RB50 Offset 21350CH Top side 10mm Ant2**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: MSL2600;Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.567 W/kg

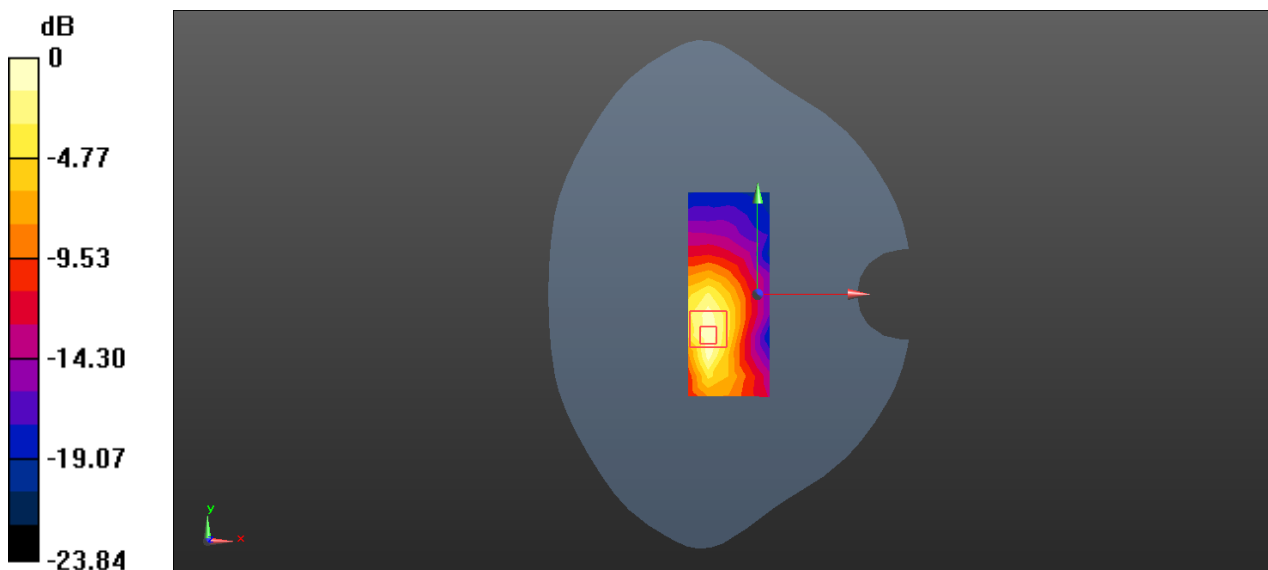
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.749 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.744 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 0.569 W/kg



0 dB = 0.569 W/kg = -2.45 dBW/kg



Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset 23095CH Right cheek With SIM2 Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 42.548$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.151 W/kg

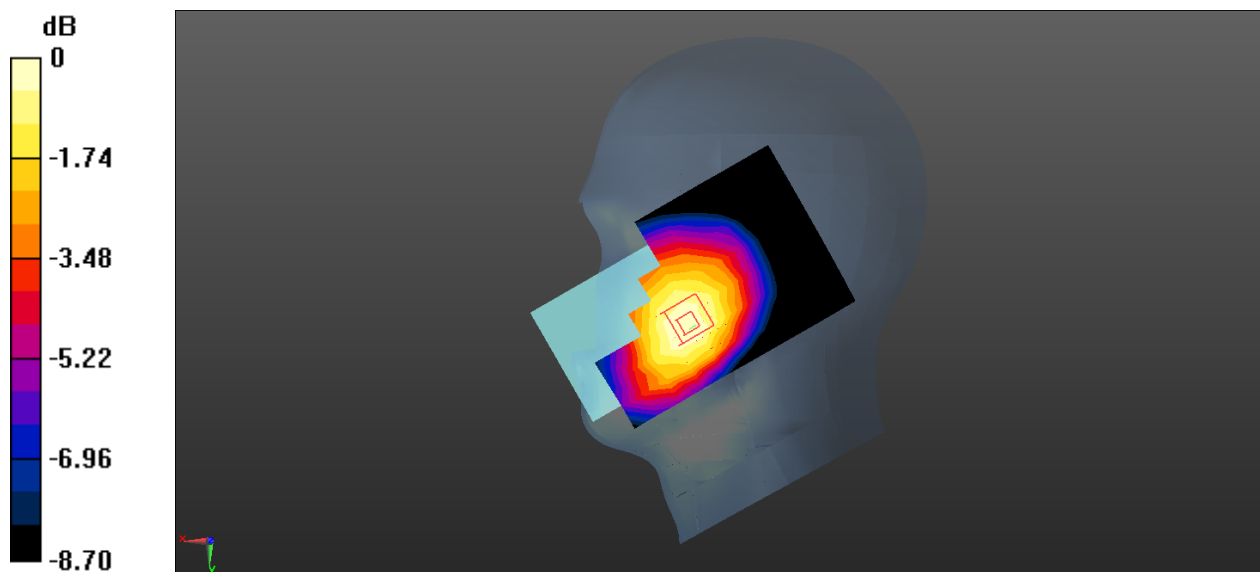
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.938 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset23130CH Back side 15mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 56.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.336 W/kg

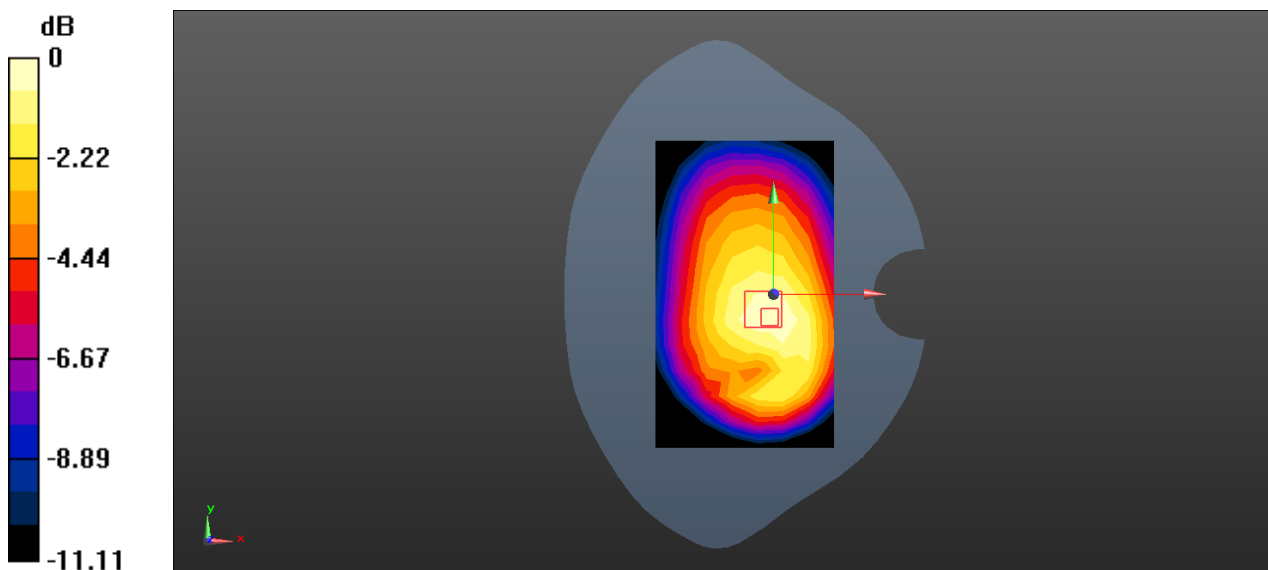
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.47 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg

Test Laboratory: SGS-SAR Lab

## **YAS-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset23095CH Back side 10mm Ant1**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.937$  S/m;  $\epsilon_r = 57.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.504 W/kg

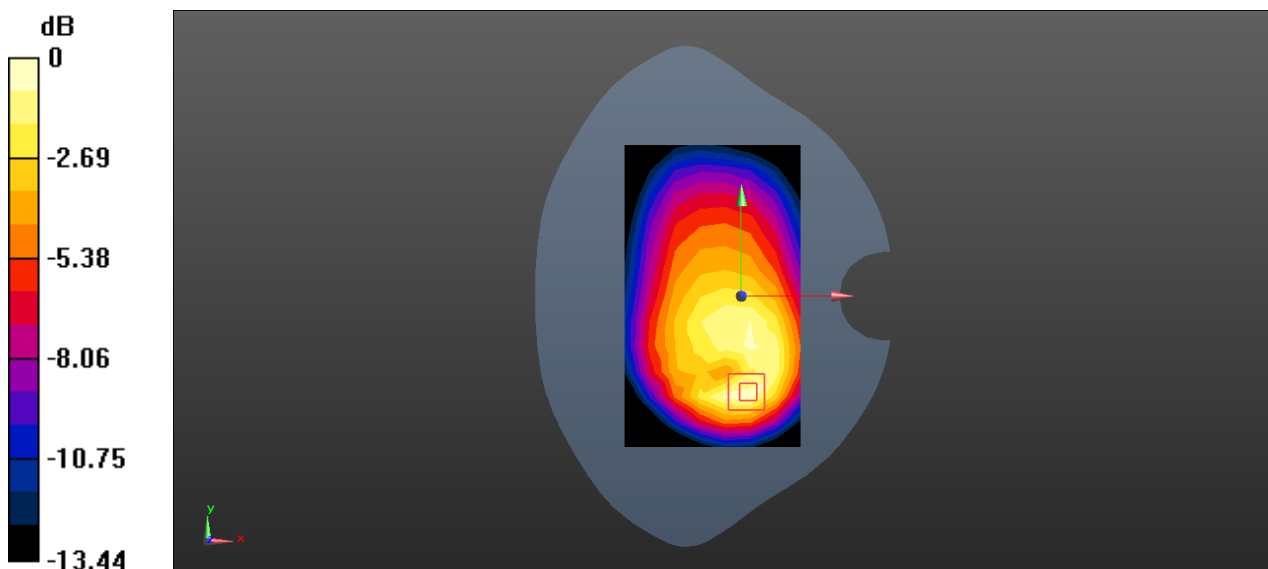
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.63 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.687 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset 23095CH Left cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 42.548$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.926 W/kg

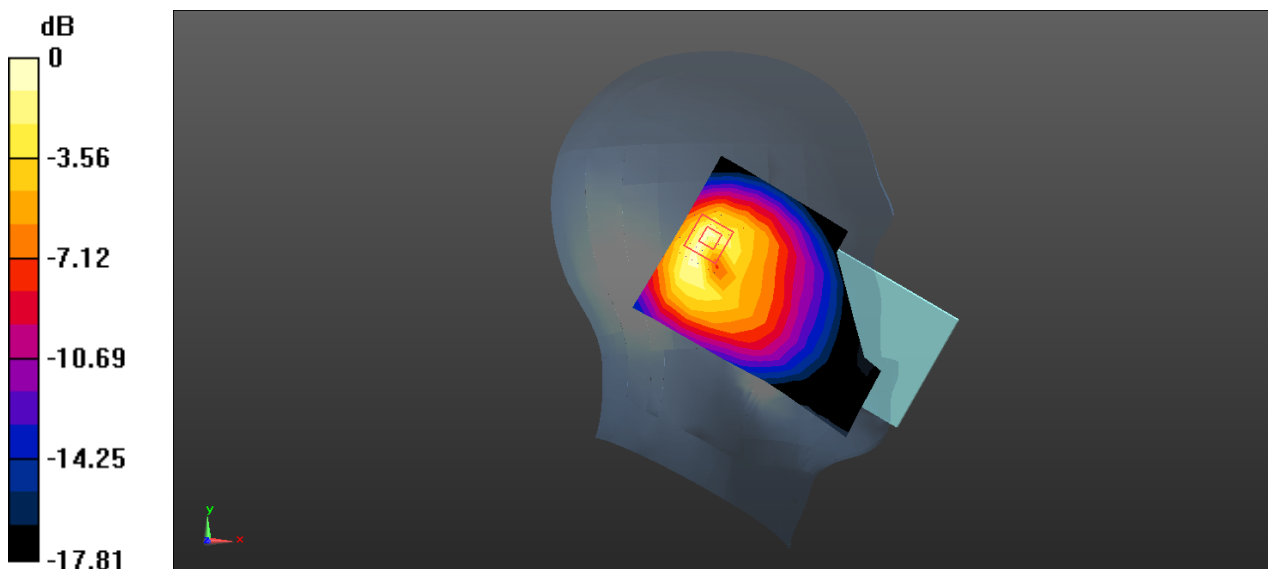
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.99 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.334 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Laboratory: SGS-SAR Lab

**YAS-L09 LTE Band 12 10MHz bandwidth QPSK 1RB0 Offset 23130CH Front side 15mm With SIM2 Ant2**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750;Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 56.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.178 W/kg

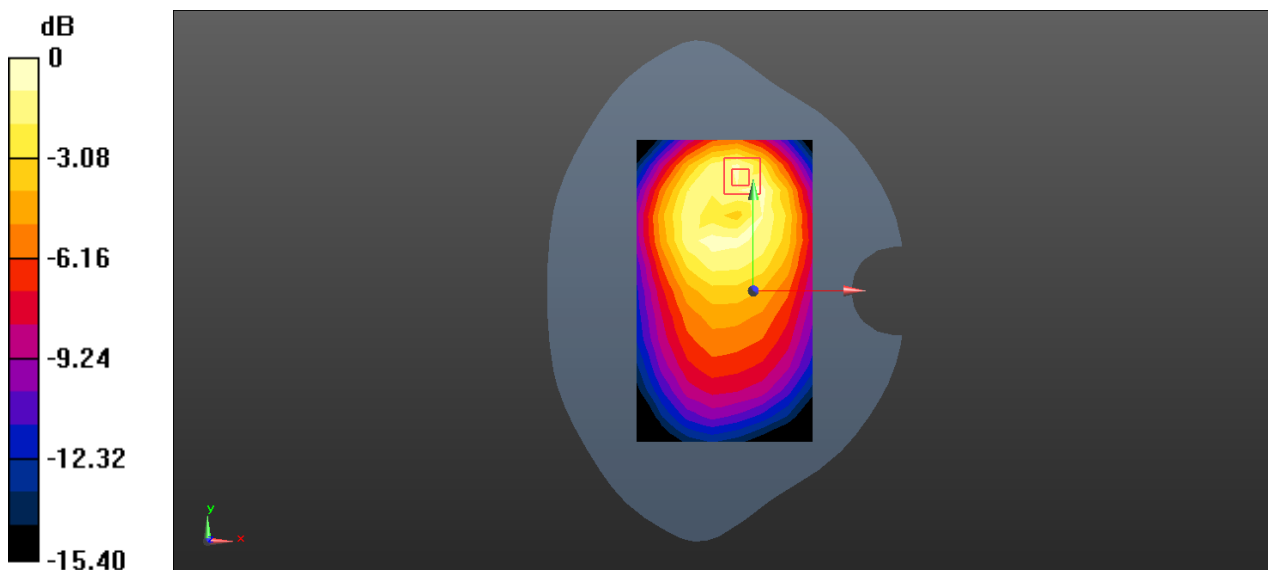
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.547 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 12 10MHz bandwidth QPSK 25RB0 Offset 23130CH Front side 10mm Ant2

DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: MSL750;Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 56.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.221 W/kg

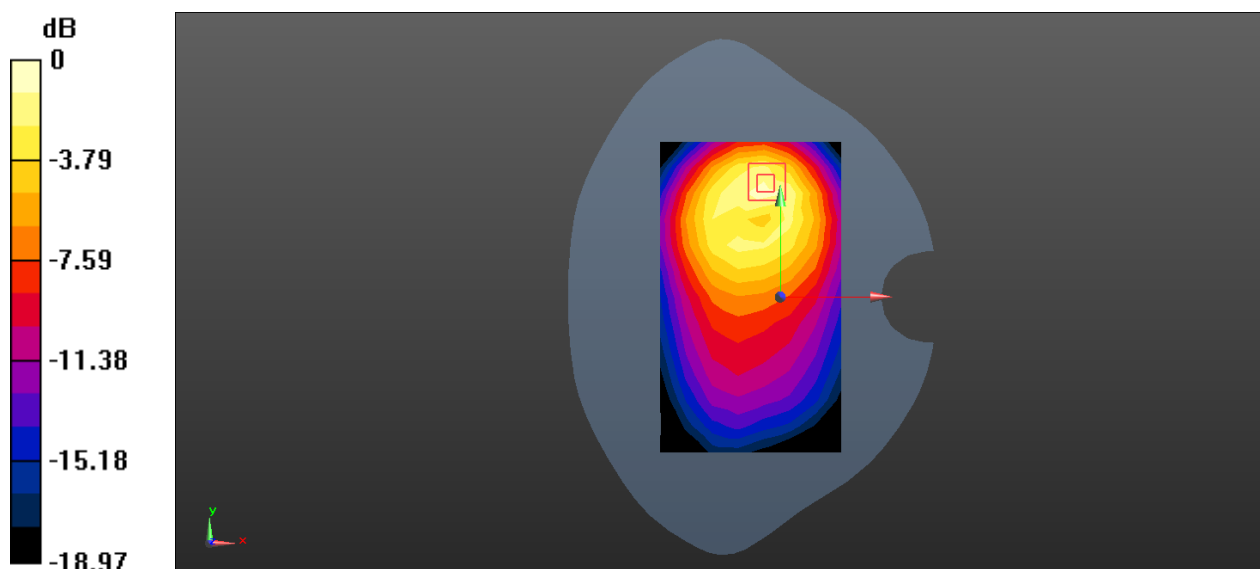
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.601 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.176 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

Test Laboratory: SGS-SAR Lab

## **YAS-L09 LTE Band 17 10MHz bandwidth QPSK 1RB0 Offset 23780CH Right cheek With SIM2 Ant1**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.832$  S/m;  $\epsilon_r = 43.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.148 W/kg

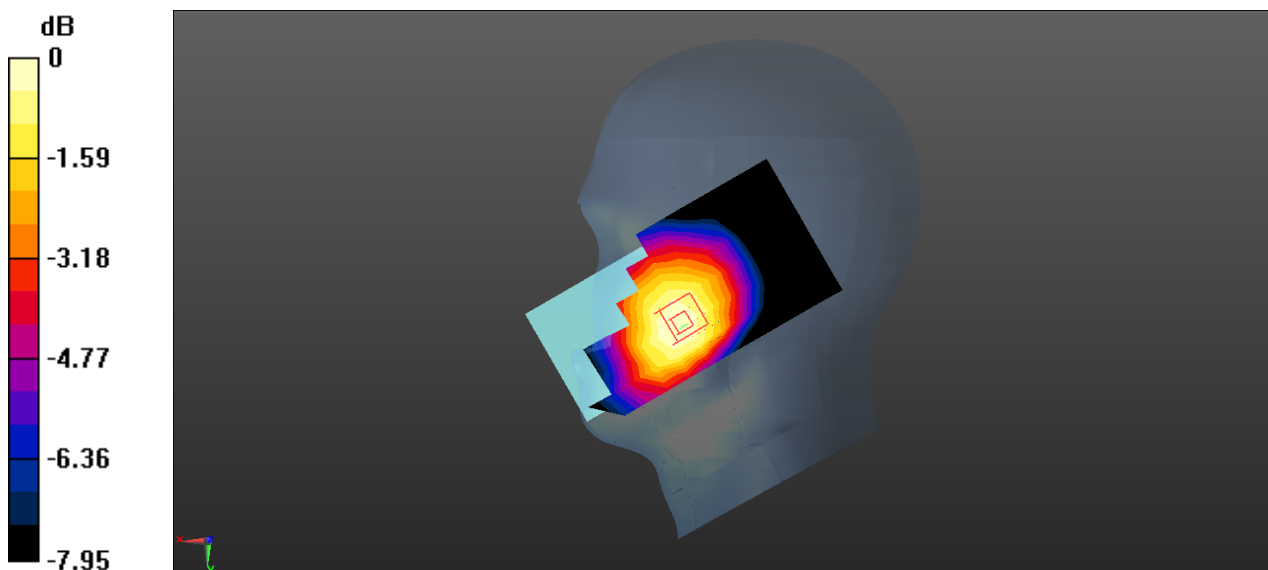
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.008 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 17 10MHz bandwidth QPSK 1RB0 Offset 23790CH Back side 15mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.949$  S/m;  $\epsilon_r = 56.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.316 W/kg

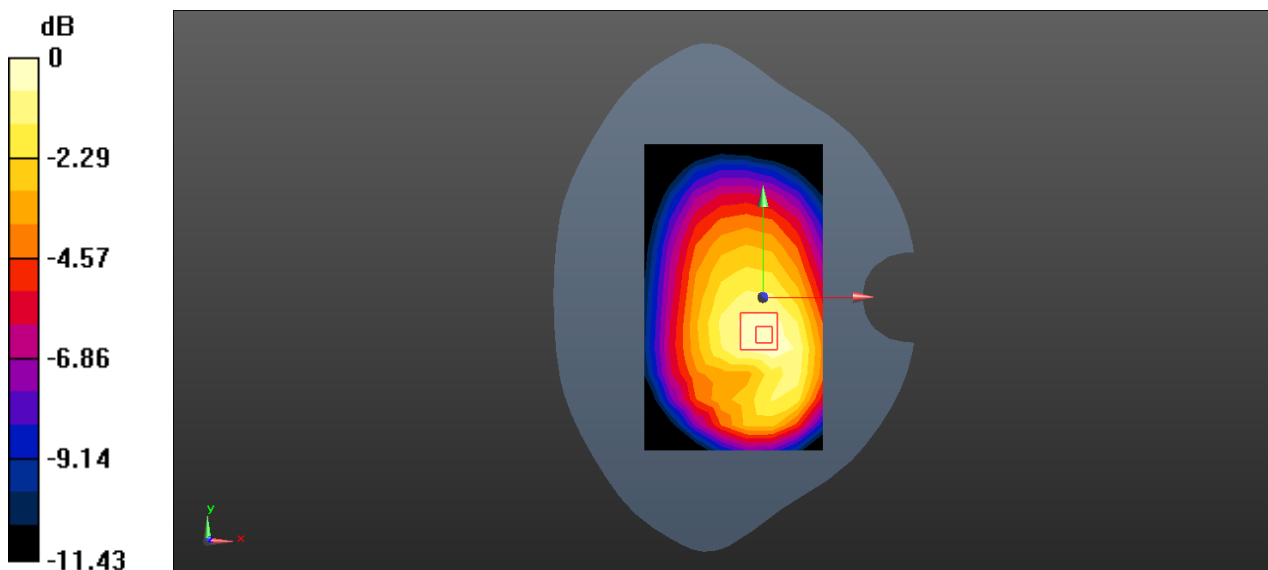
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.81 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.367 W/kg

**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg



Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 17 10MHz bandwidth QPSK 1RB0 Offset 23790CH Back side 10mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.949$  S/m;  $\epsilon_r = 56.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.515 W/kg

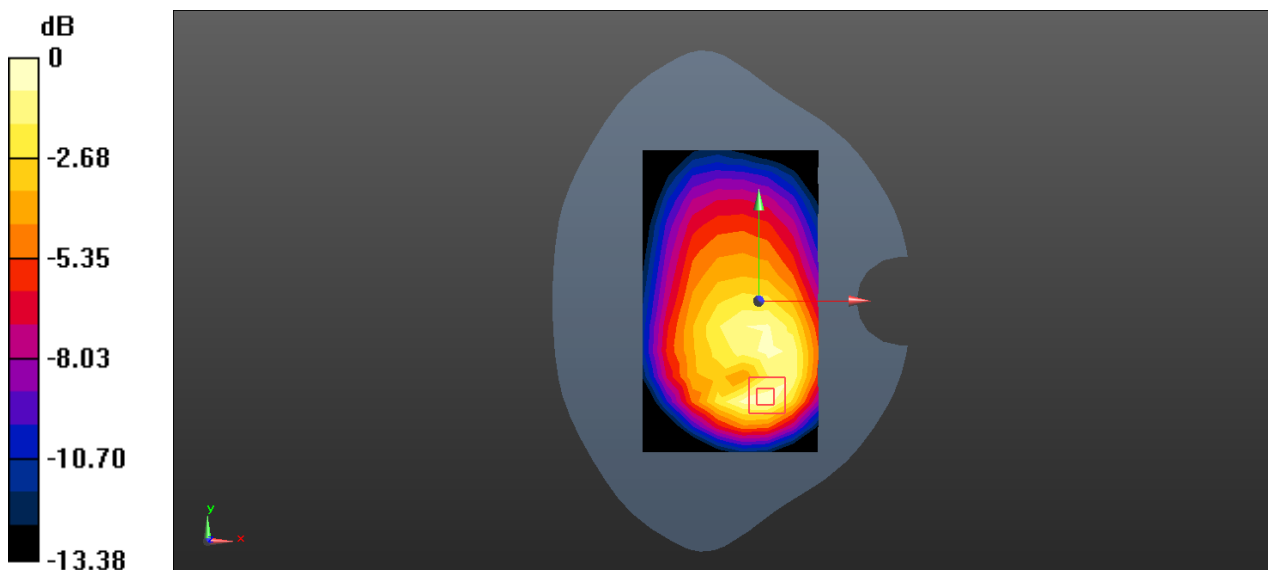
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.65 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.688 W/kg

**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.230 W/kg**

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 17 10MHz bandwidth QPSK 25RB13 Offset 23800CH Left cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 43.278$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.903 W/kg

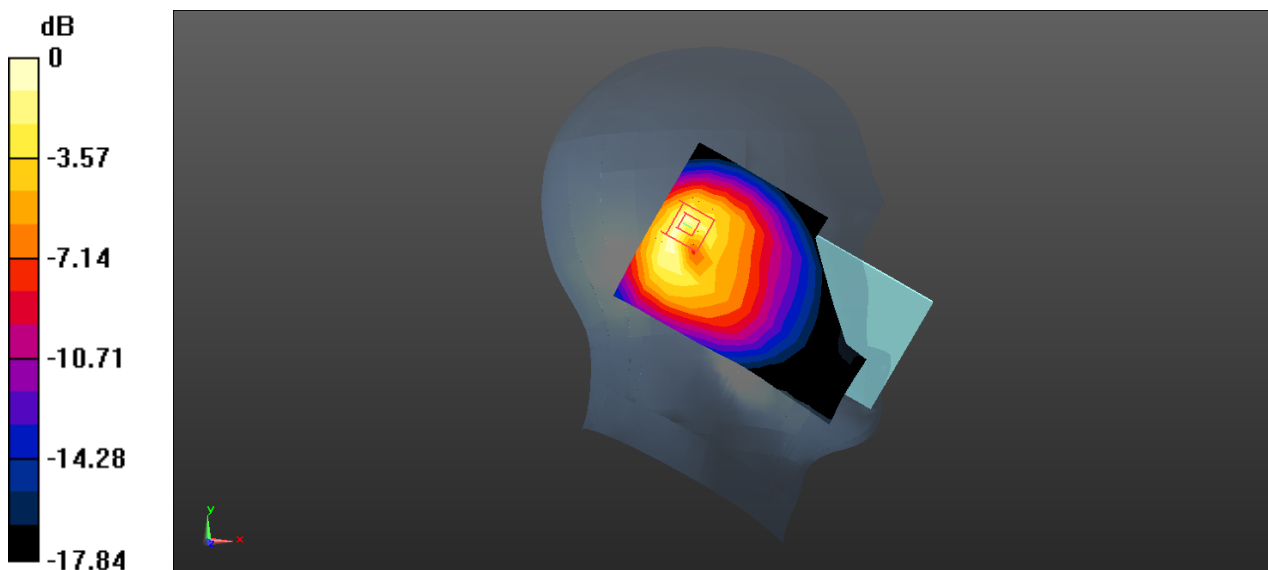
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.78 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.988 W/kg = -0.05 dBW/kg

Test Laboratory: SGS-SAR Lab

**YAS-L09 LTE Band 17 10MHz bandwidth QPSK 1RB25 Offset 23800CH Front side 15mm With SIM2 Ant2**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 56.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.201 W/kg

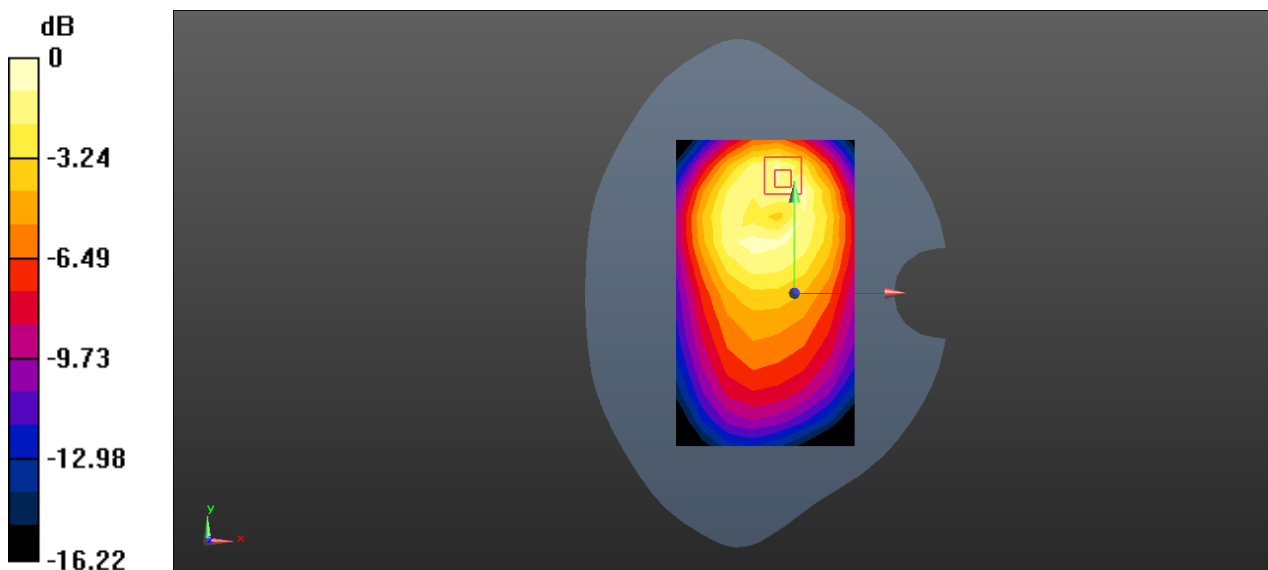
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.10 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.098 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 17 10MHz bandwidth QPSK 25RB0 Offset 23800CH Front side 10mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 56.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.215 W/kg

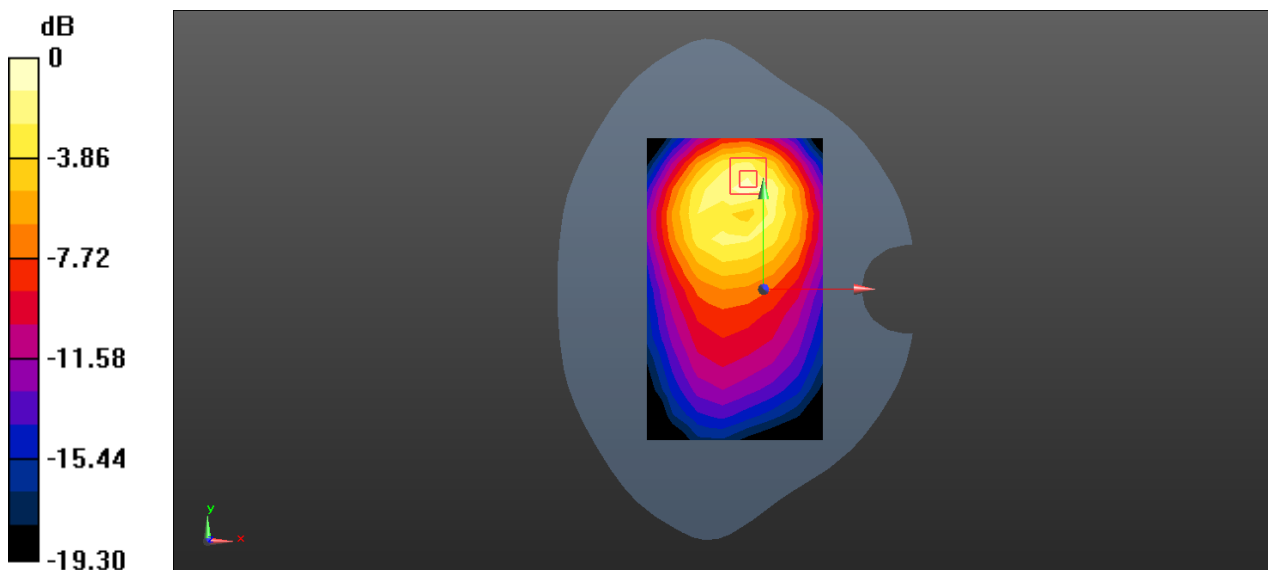
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.737 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26865CH Right cheek Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 56.342$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.275 W/kg

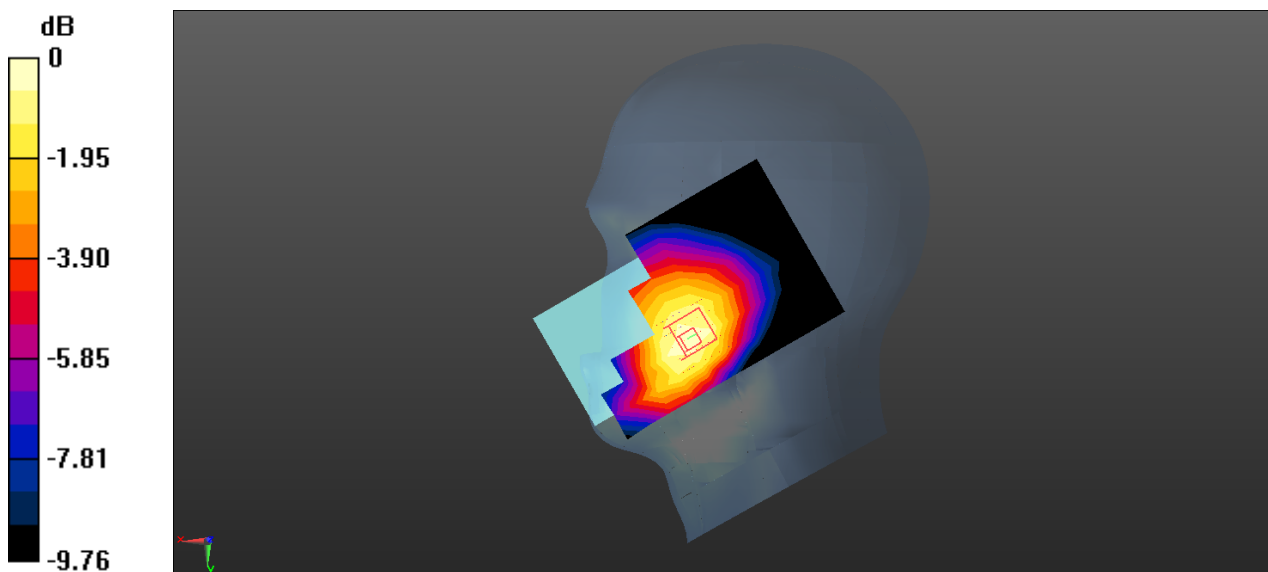
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.608 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.301 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

Test Laboratory: SGS-SAR Lab

## **YAS-L09 LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26965CH Back side 15mm Ant1**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.867$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.445 W/kg

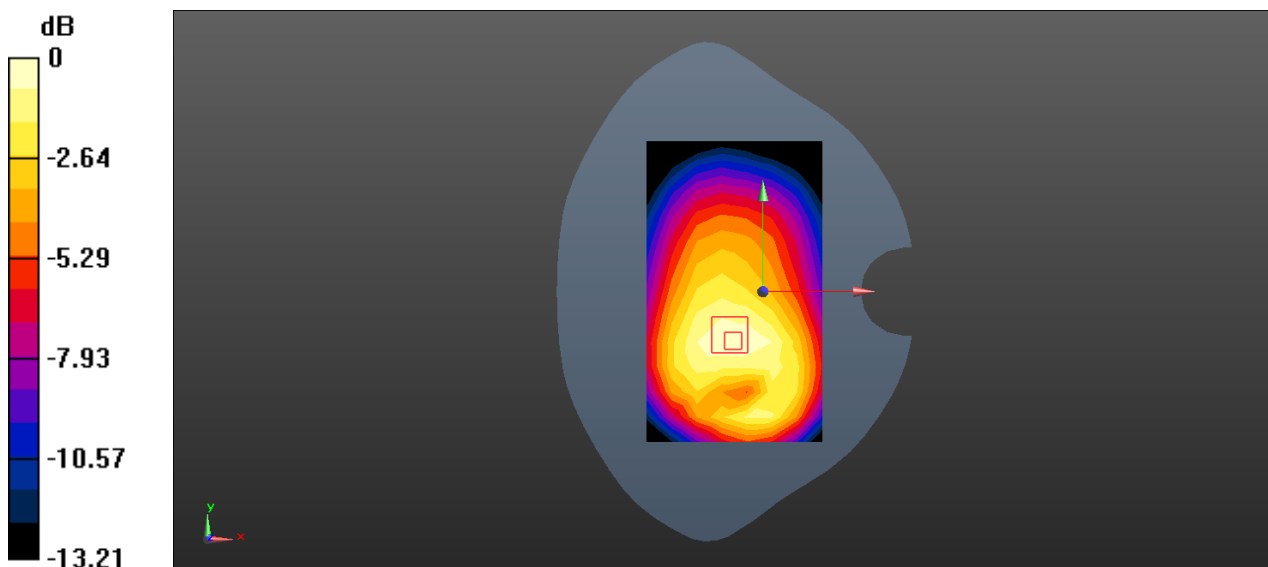
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.59 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.518 W/kg

**SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.262 W/kg**

Maximum value of SAR (measured) = 0.443 W/kg



0 dB = 0.443 W/kg = -3.54 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26965CH Back side 10mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.867$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.670 W/kg

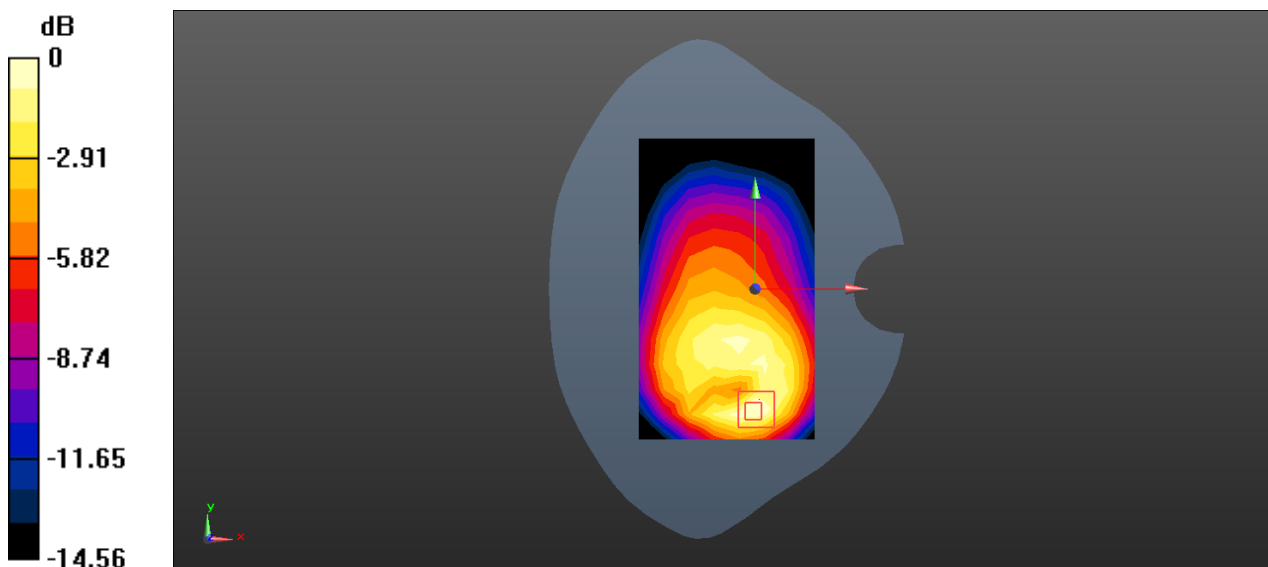
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.04 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.319 W/kg**

Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 26 15MHz bandwidth QPSK 36RB18 Offset 26965CH Left cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.77, 9.77, 9.77); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.682 W/kg

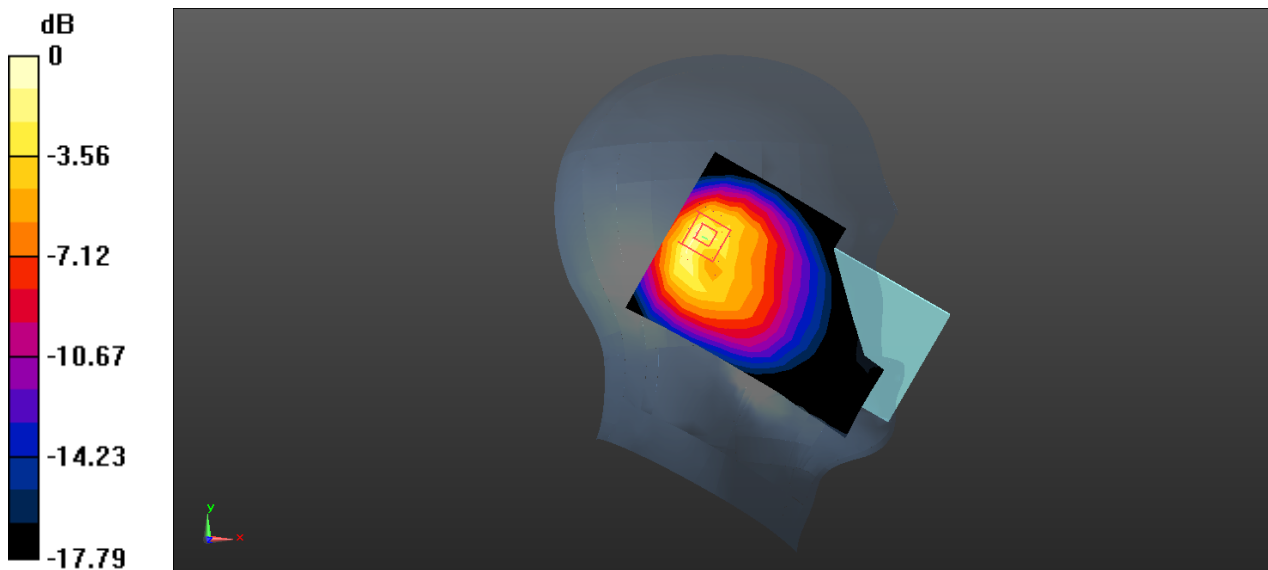
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 21.92 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.258 W/kg**

Maximum value of SAR (measured) = 0.843 W/kg



0 dB = 0.843 W/kg = -0.74 dBW/kg



Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26775CH Front side 15mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated):  $f = 822.5$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 54.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.202 W/kg

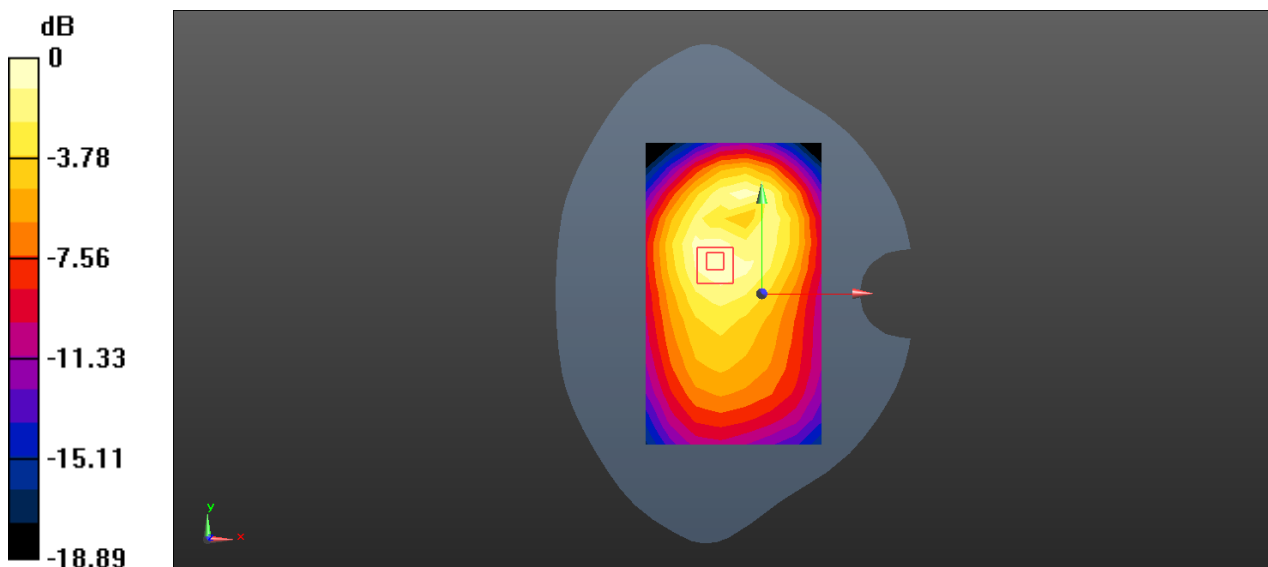
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.29 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 26 15MHz bandwidth QPSK 1RB0 Offset 26775CH Back side 10mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated):  $f = 822.5$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 54.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(9.68, 9.68, 9.68); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.208 W/kg

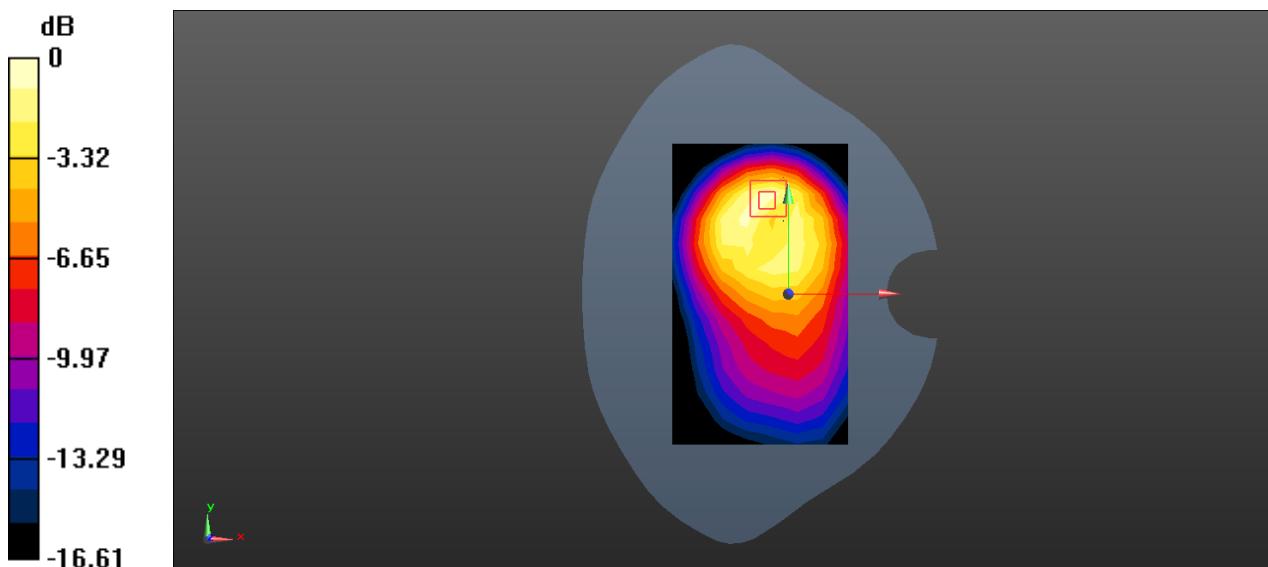
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.210 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 38 20MHz bandwidth QPSK 1RB99 Offset 37850CH Right Cheek Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.006$  S/m;  $\epsilon_r = 38.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0917 W/kg

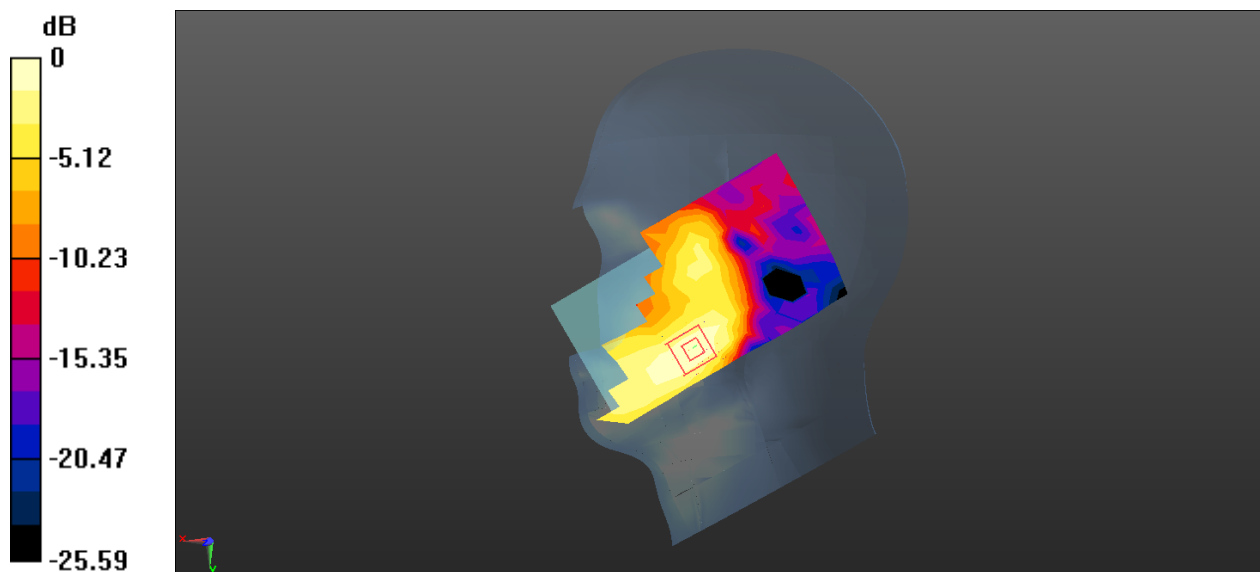
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 0.9370 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.038 W/kg**

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 38 20MHz bandwidth QPSK 1RB99 Offset 37850CH Front side 15mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.165$  S/m;  $\epsilon_r = 52.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.310 W/kg

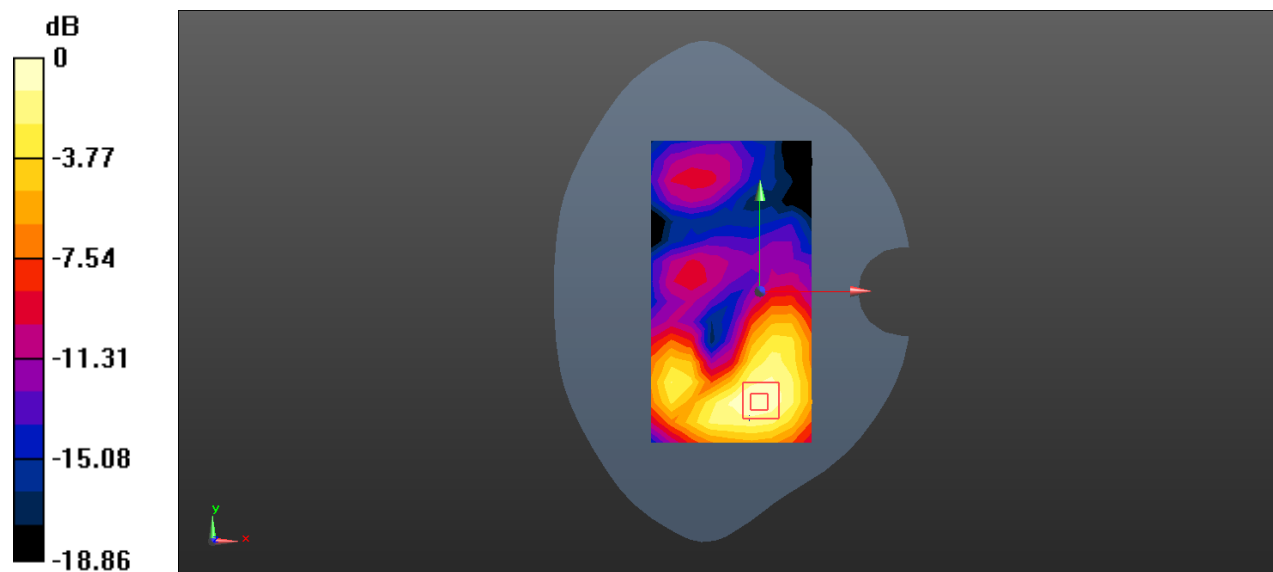
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.316 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.405 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.128 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

Test Laboratory: SGS-SAR Lab

## **YAS-L09 LTE Band 38 20MHz bandwidth QPSK 50RB50 Offset 37850CH Bottom side 10mm Ant1**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.165$  S/m;  $\epsilon_r = 52.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.862 W/kg

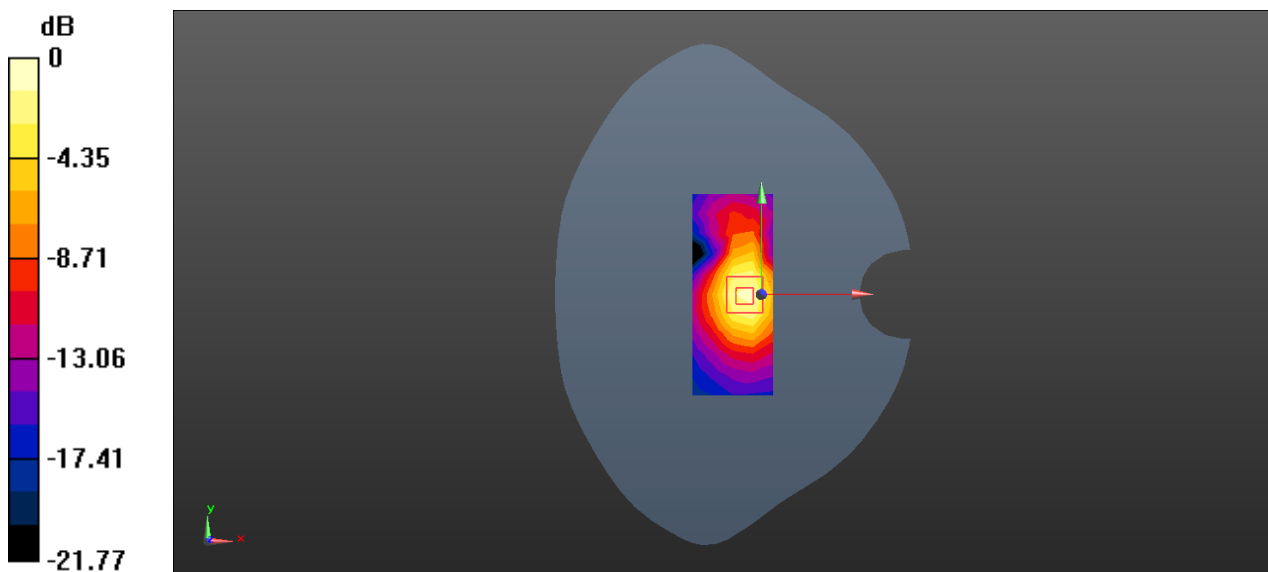
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 16.51 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



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

Test Laboratory: SGS-SAR Lab

## **YAS-L09 LTE Band 38 20MHz bandwidth QPSK 50RB50 Offset 37850CH Right tilted Ant2**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.006$  S/m;  $\epsilon_r = 38.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.912 W/kg

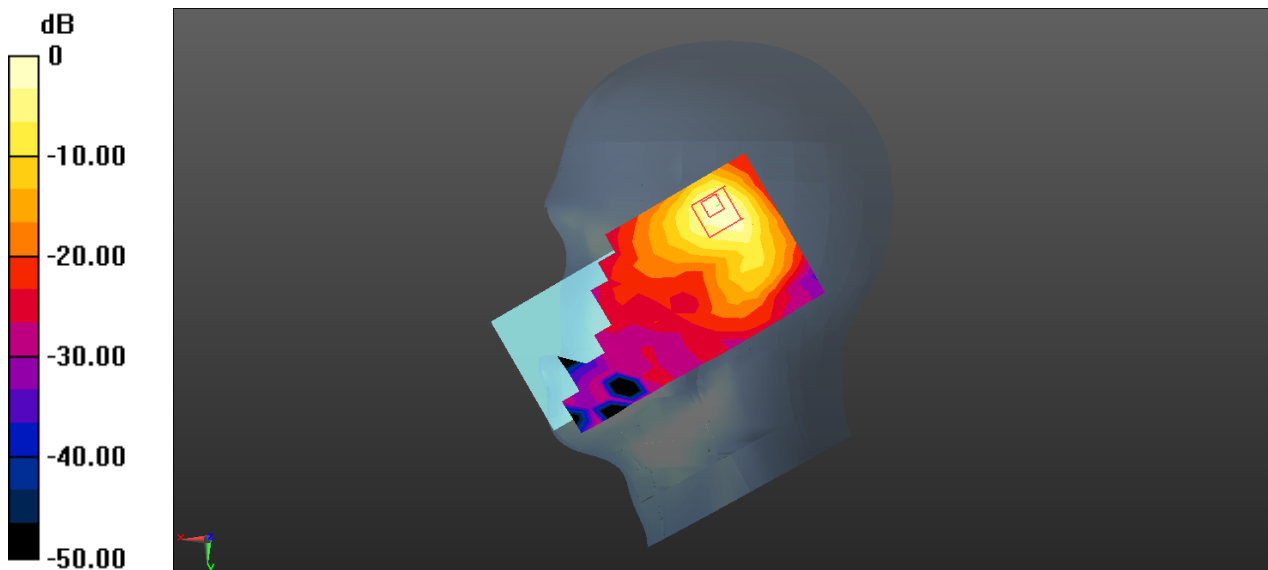
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.890 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.941 W/kg



0 dB = 0.941 W/kg = -0.26 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 38 20MHz bandwidth QPSK 1RB99 Offset 37850CH Back side 15mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.165$  S/m;  $\epsilon_r = 52.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

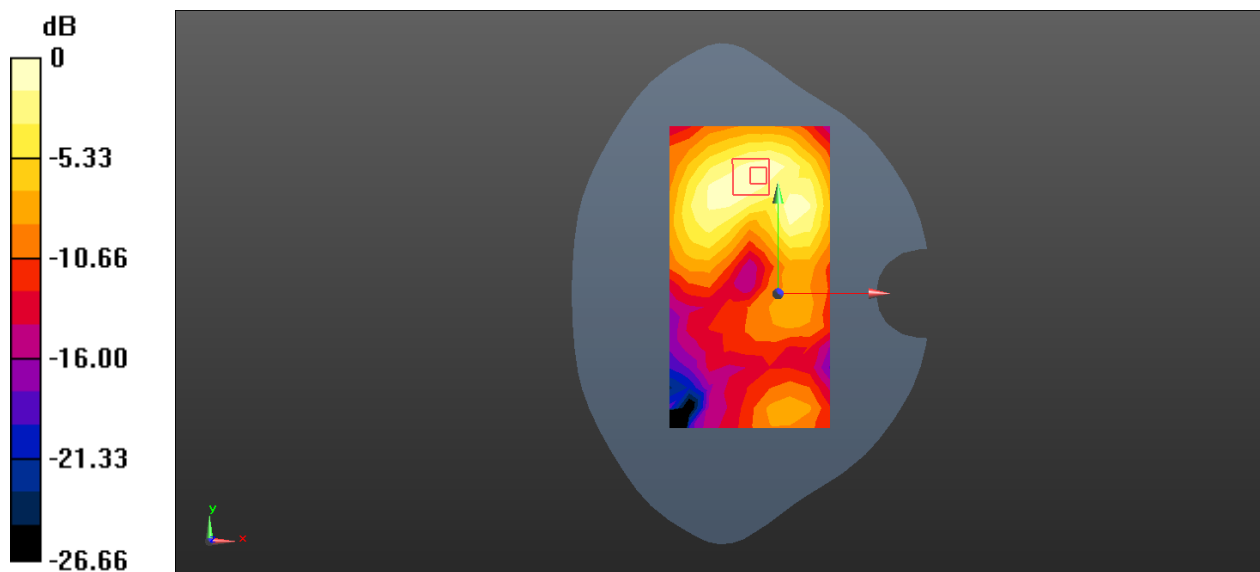
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.774 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.190 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.146 W/kg



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

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 38 20MHz bandwidth QPSK 1RB0 Offset 37850CH Top side 10mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.165$  S/m;  $\epsilon_r = 52.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.289 W/kg

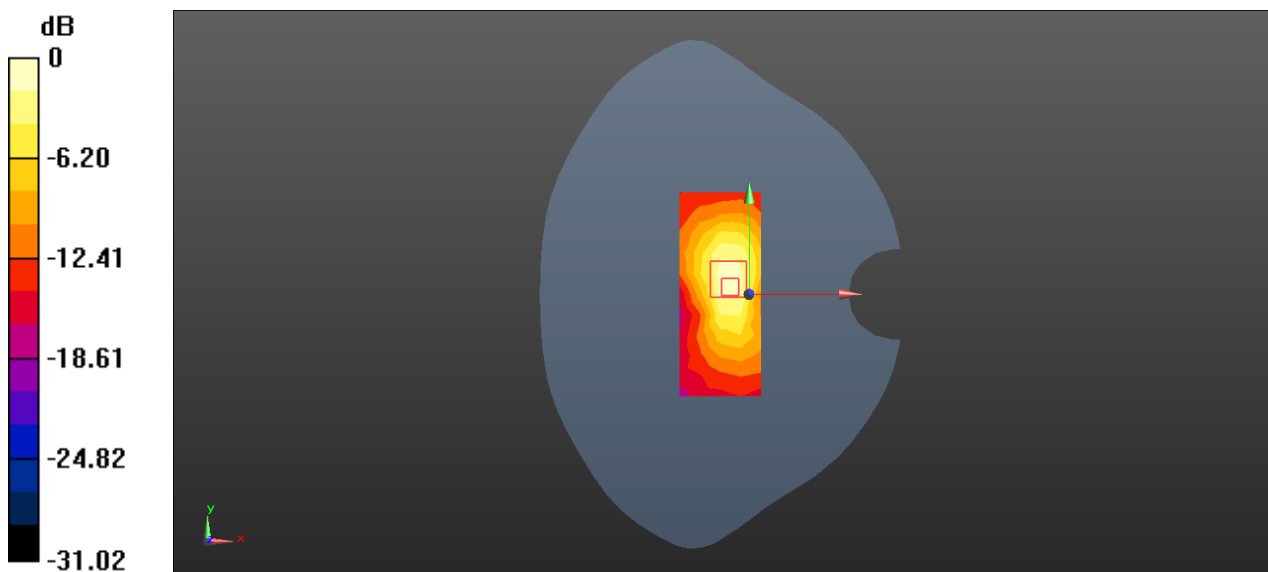
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.01 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.128 W/kg**

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



0 dB = 0.373 W/kg = -4.28 dBW/kg



Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 41 20MHz bandwidth QPSK 1RB99 Offset 40240CH Right Cheek Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2555$  MHz;  $\sigma = 1.974$  S/m;  $\epsilon_r = 38.362$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0823 W/kg

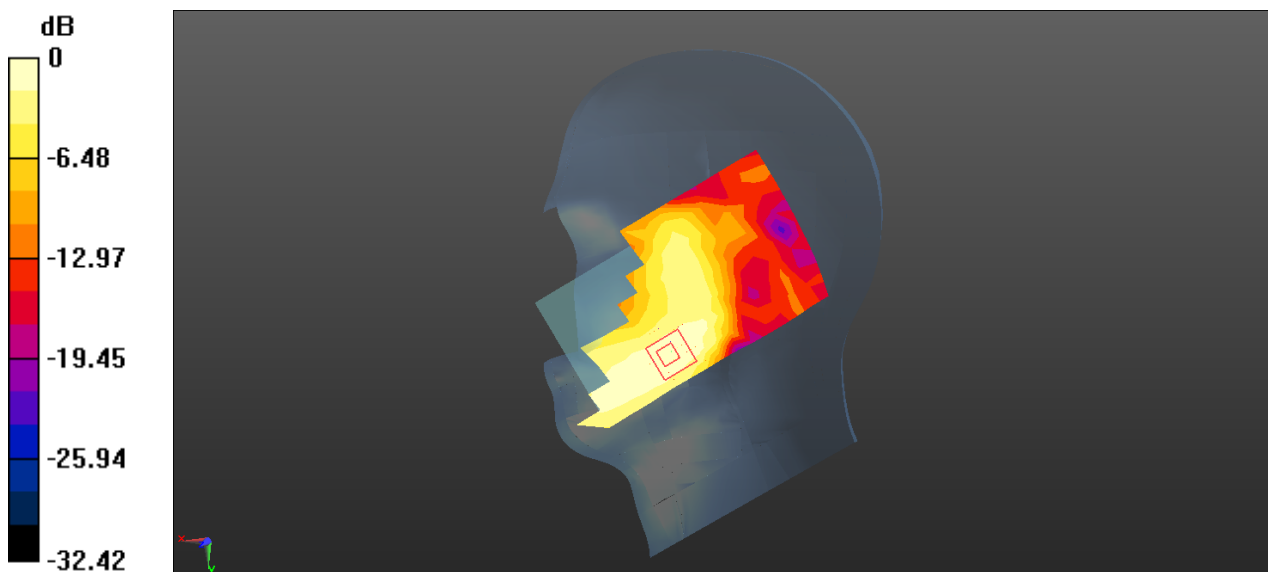
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.186 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.034 W/kg**

Maximum value of SAR (measured) = 0.0884 W/kg



0 dB = 0.0884 W/kg = -10.54 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 41 20MHz bandwidth QPSK 1RB99 Offset 40690CH Front side 15mm Ant1

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2600 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.187$  S/m;  $\epsilon_r = 52.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.275 W/kg

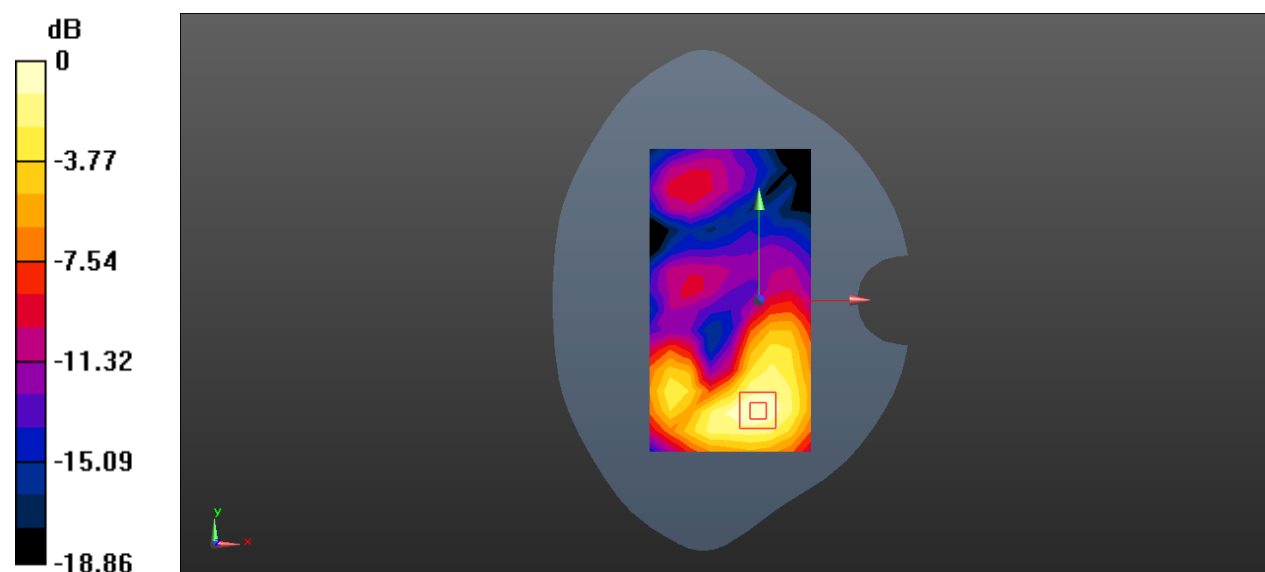
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.078 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.357 W/kg

**SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

Test Laboratory: SGS-SAR Lab

**YAS-L09 LTE Band 41 20MHz bandwidth QPSK 50RB0 Offset 41140CH  
Bottom side 10mm Ant1**

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2645 MHz;Duty Cycle:  
1:1.57906

Medium: MSL2600;Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.249$  S/m;  $\epsilon_r = 52.089$ ;  $\rho = 1000$   
kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.586 W/kg

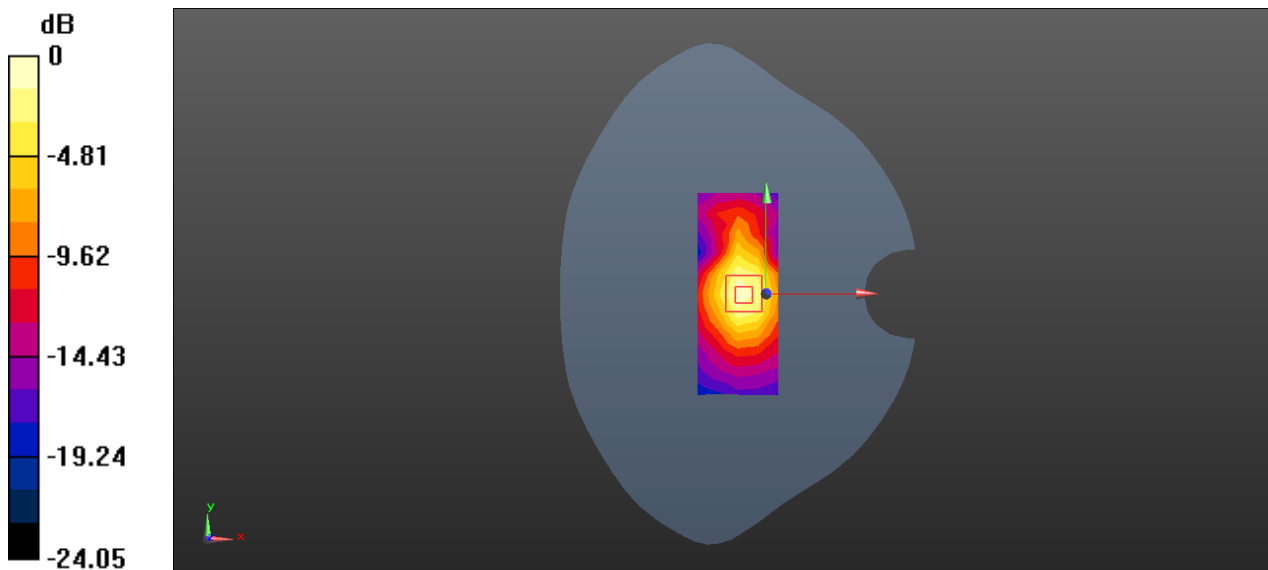
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  
 $dz=5$ mm

Reference Value = 14.34 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.847 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.210 W/kg**

Maximum value of SAR (measured) = 0.635 W/kg



0 dB = 0.635 W/kg = -1.97 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 41 20MHz bandwidth QPSK 1RB0 Offset 40240CH Left cheek Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2555$  MHz;  $\sigma = 1.974$  S/m;  $\epsilon_r = 38.362$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.03 W/kg

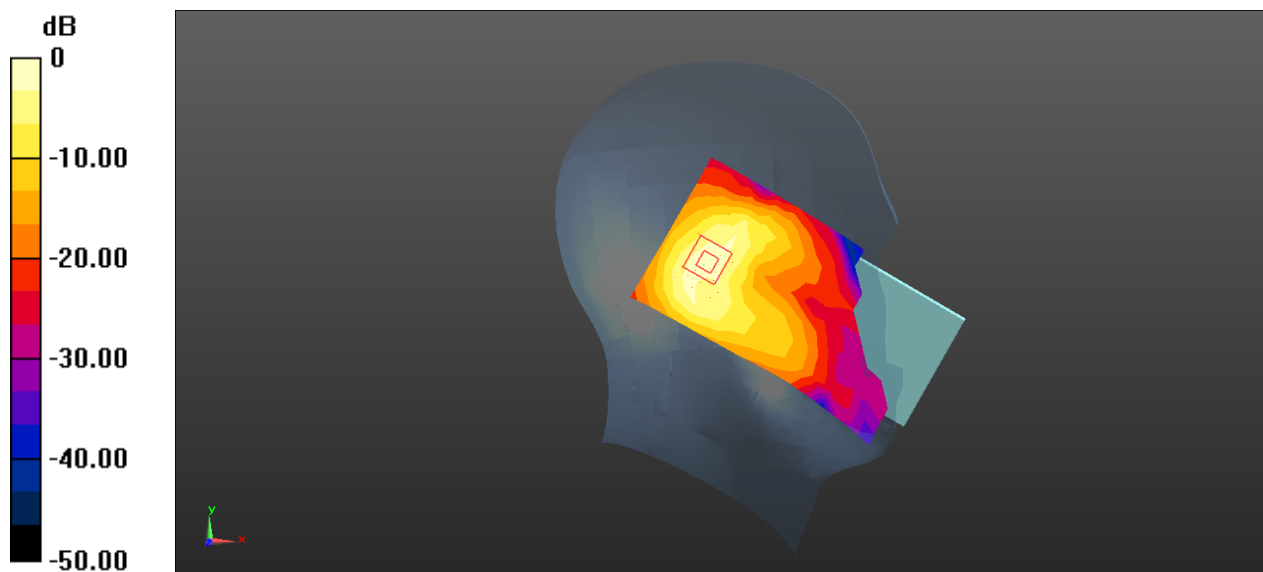
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 17.83 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.319 W/kg**

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



0 dB = 1.18 W/kg = 0.72 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 41 20MHz bandwidth QPSK 50RB0 Offset 40240CH Back side 15mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2555$  MHz;  $\sigma = 2.13$  S/m;  $\epsilon_r = 52.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

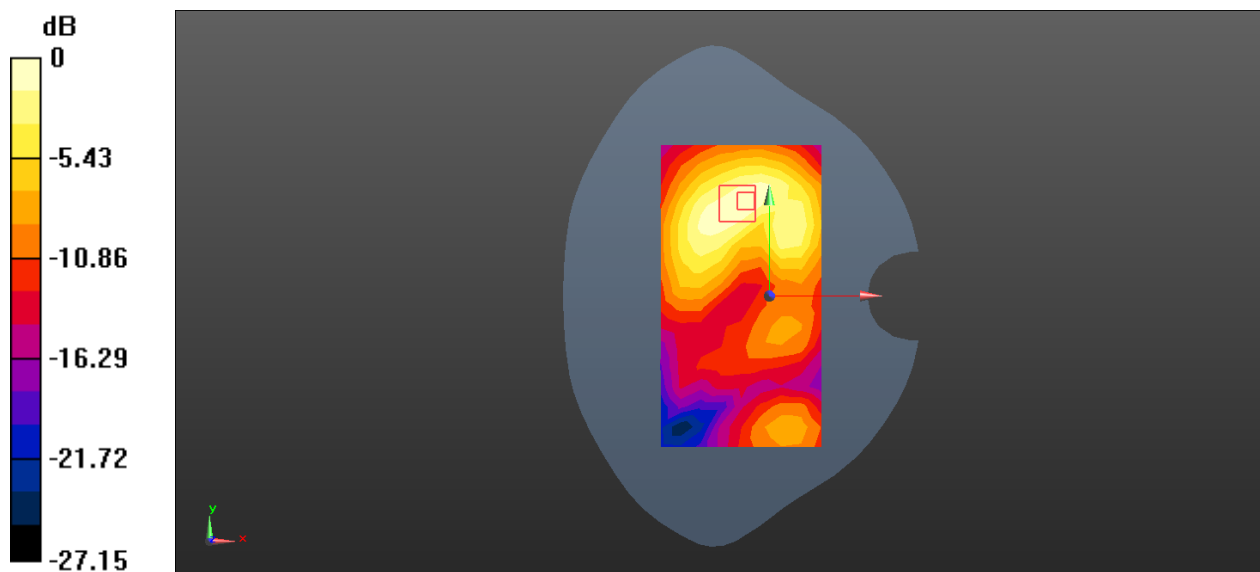
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.787 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.080 W/kg**

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



0 dB = 0.209 W/kg = -6.80 dBW/kg

Test Laboratory: SGS-SAR Lab

## YAS-L09 LTE Band 41 20MHz bandwidth QPSK 1RB0 Offset 40240CH Top side 10mm Ant2

**DUT: YAS-L09; Type: Smart Phone; Serial: WCR0117C22000024**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2555$  MHz;  $\sigma = 2.13$  S/m;  $\epsilon_r = 52.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7433; ConvF(6.97, 6.97, 6.97); Calibrated: 2017-9-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2017-9-27
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

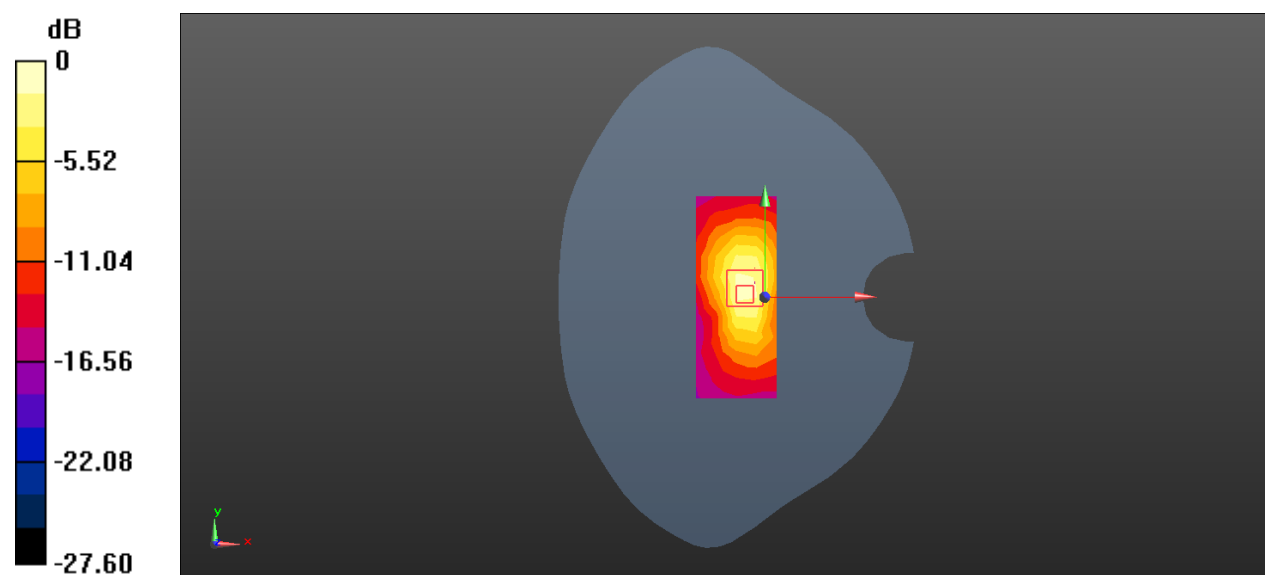
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.77 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.405 W/kg = -3.93 dBW/kg