

Test Laboratory: SGS-SAR Lab

## EML-L09 WCDMA Band IV RMC 1513CH Back side 15mm with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.496$  S/m;  $\epsilon_r = 52.197$ ;  $\rho = 1000$  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: SAM1; Type: SAM; Serial: 1912
- 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) = 0.184 W/kg

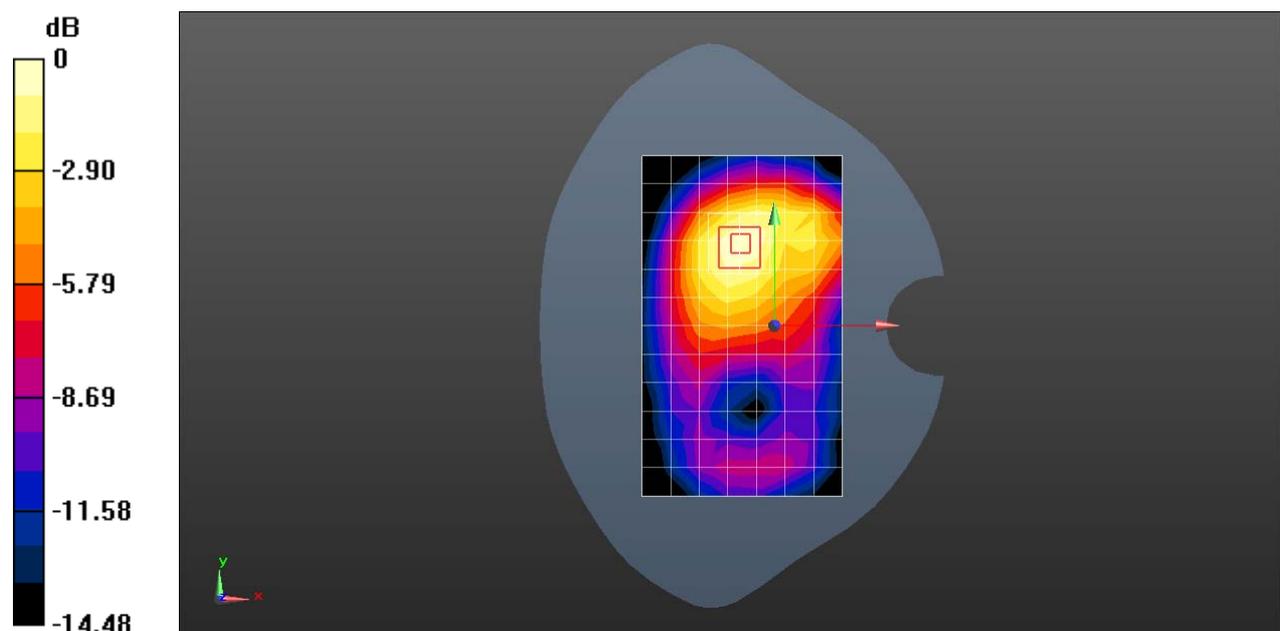
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.398 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

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## EML-L09 WCDMA Band IV RMC 1513CH Top side 10mm Hotspot actived for 2.4G with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1

Medium: MSL1750;Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.496$  S/m;  $\epsilon_r = 52.197$ ;  $\rho = 1000$  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: SAM1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x8x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.202 W/kg

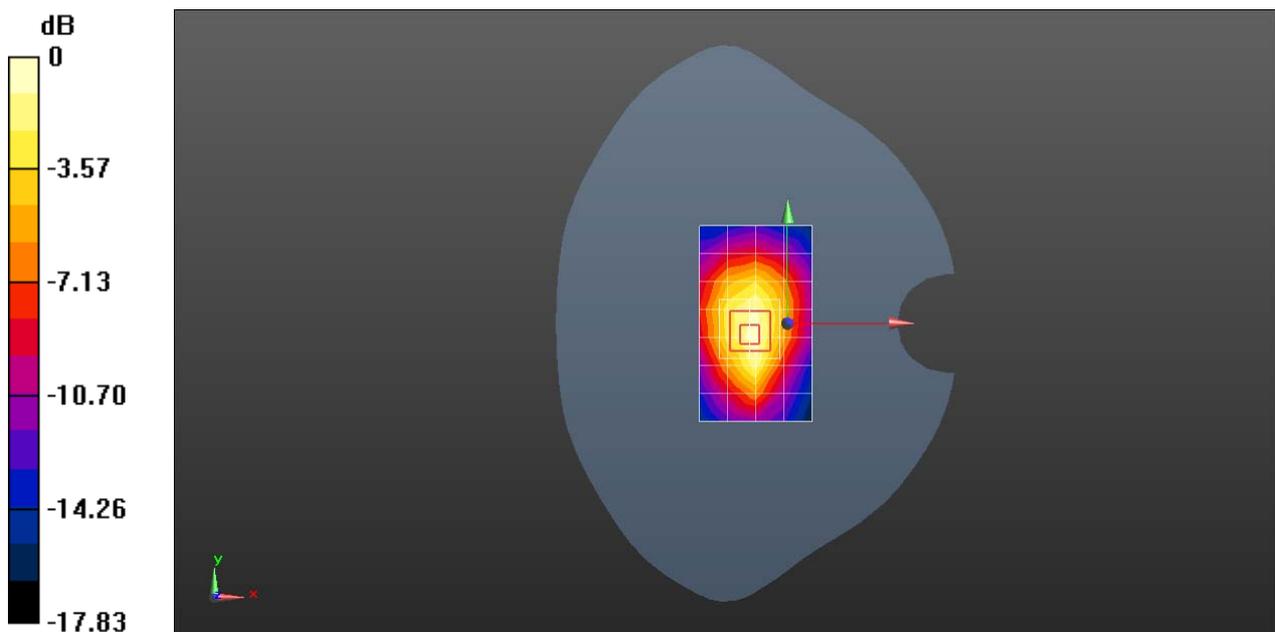
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.46 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.092 W/kg**

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



0 dB = 0.208 W/kg = -6.82 dBW/kg

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## EML-L09 WCDMA Band V RMC 4233CH Left cheek Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 40.755$ ;  $\rho = 1000$  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) = 1.01 W/kg

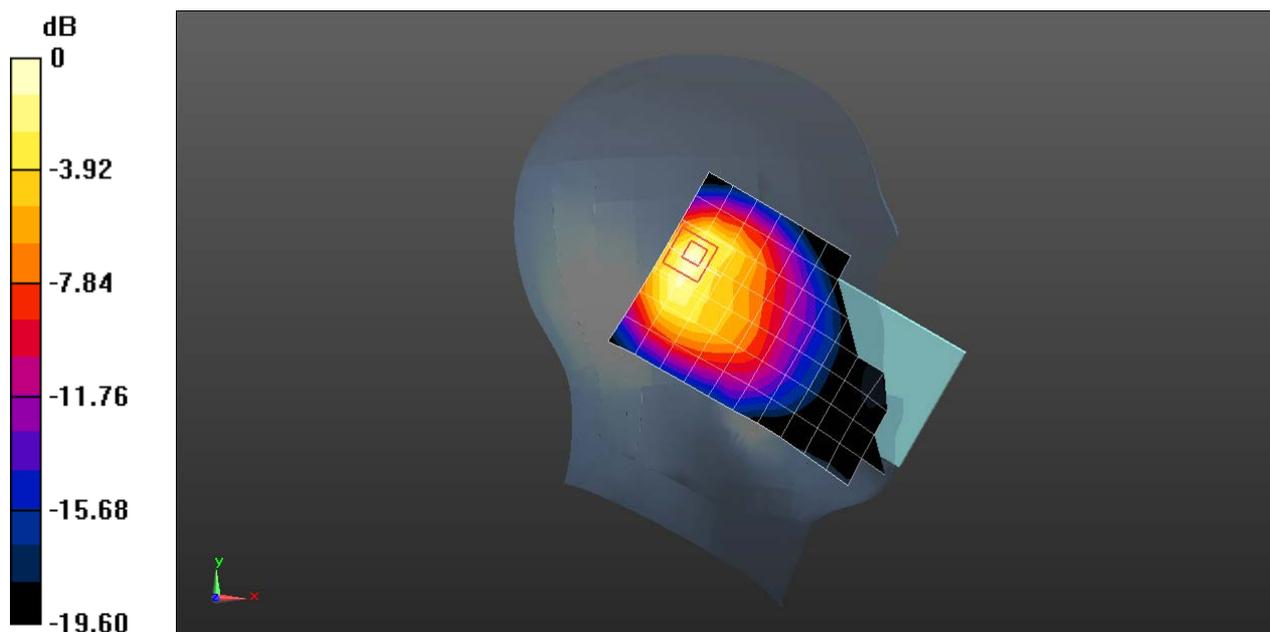
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.55 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.931 W/kg = -0.31 dBW/kg

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## EML-L09 WCDMA Band V RMC 4182CH Front side 15mm with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 56.345$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.309 W/kg

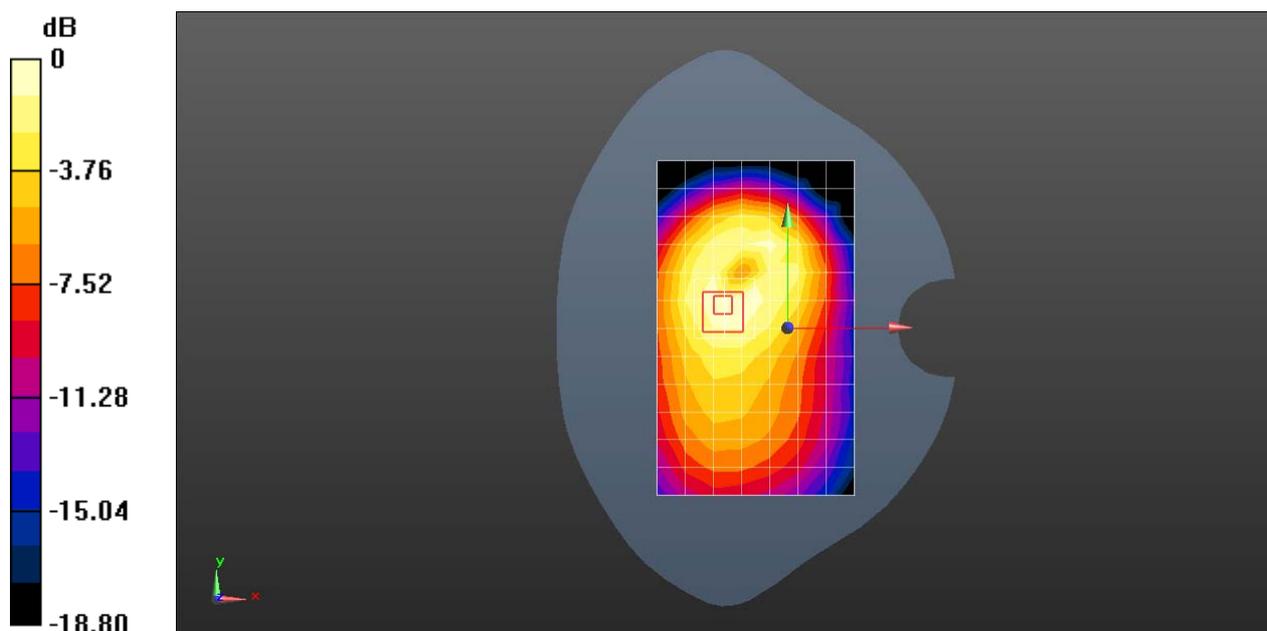
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.92 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.175 W/kg**

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



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

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## EML-L09 WCDMA Band V RMC 4233CH Front side 10mm Hotspot activated for 2.4G Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.015$  S/m;  $\epsilon_r = 56.097$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.299 W/kg

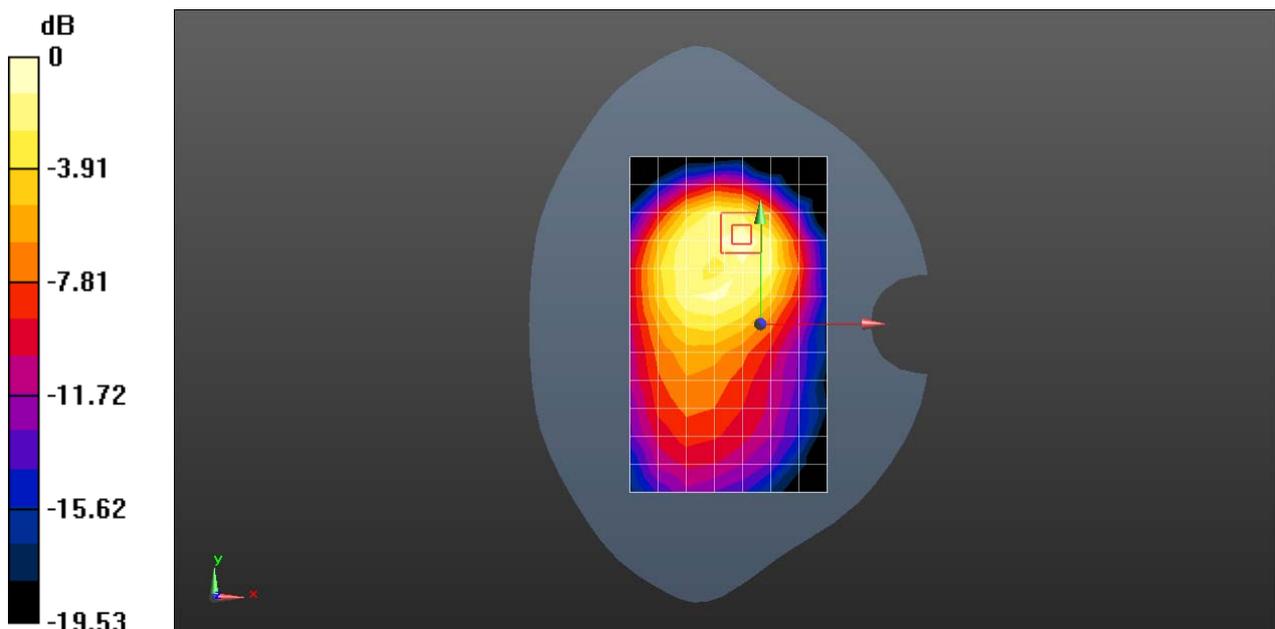
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.71 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.118 W/kg**

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



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

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## **EML-L09 LTE Band 2 20MHz bandwidth QPSK 50RB0 Offset 18900CH Left tilted with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL1900;Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 40.072$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); 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/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.565 W/kg

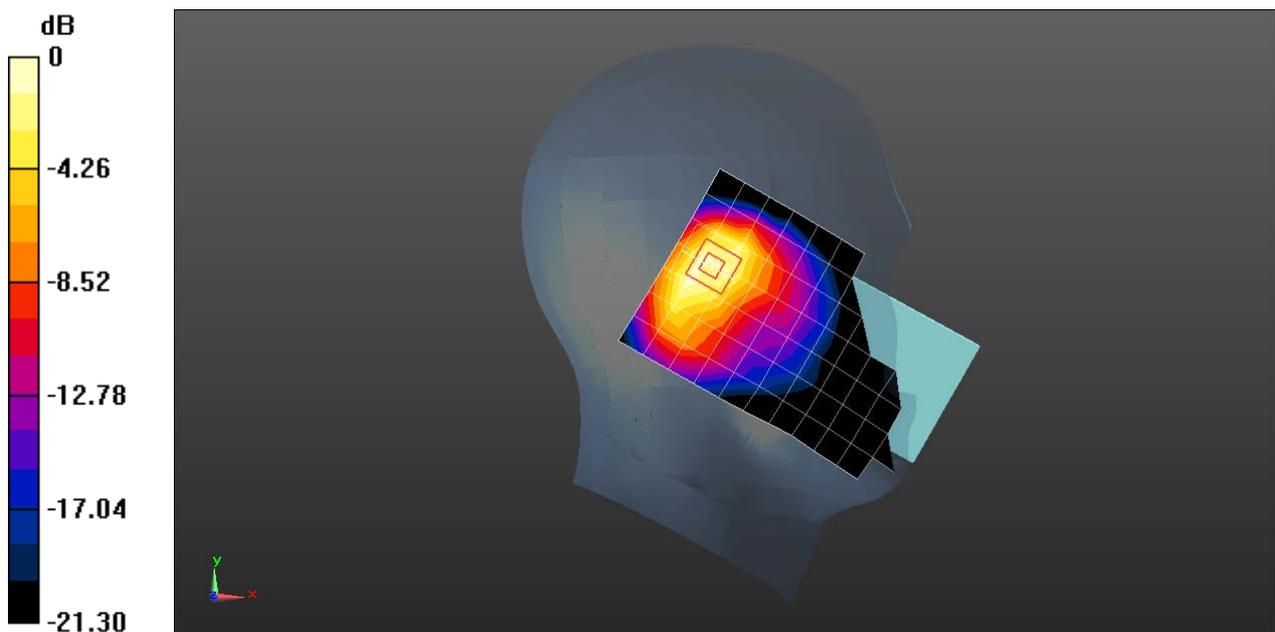
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.87 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.661 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

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**EML-L09 LTE Band 2 20MHz bandwidth QPSK 50RB0 Offset 19100CH Back side 15mm with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.519$  S/m;  $\epsilon_r = 52.421$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.09, 8.09, 8.09); 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) = 0.308 W/kg

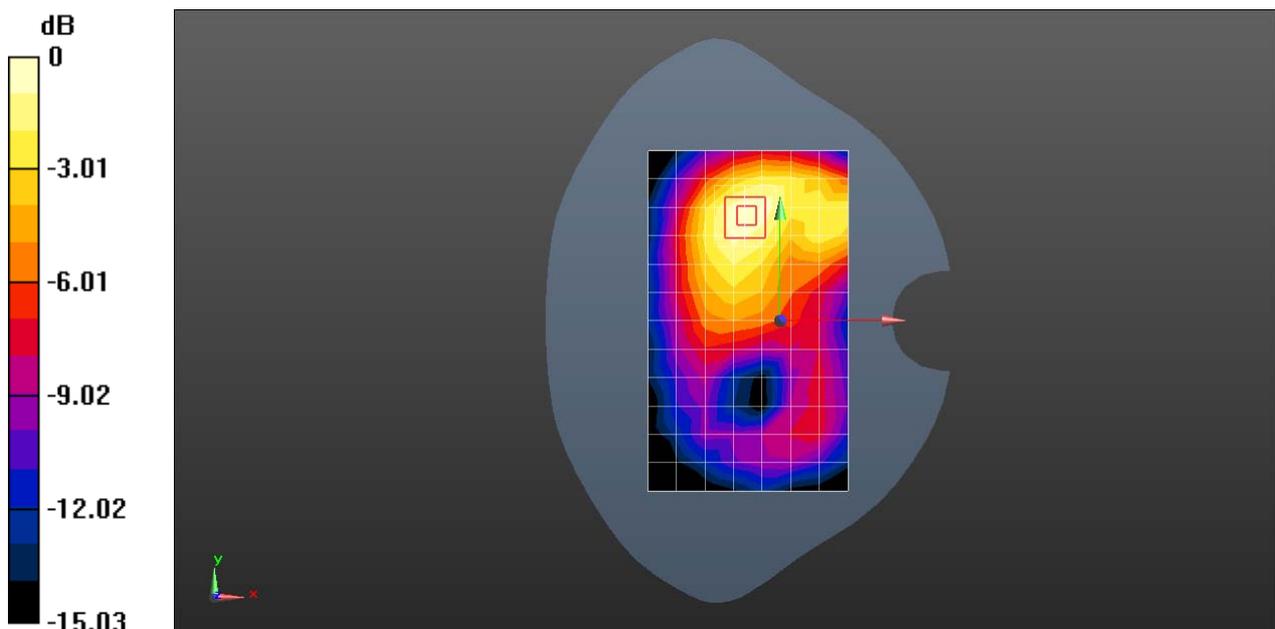
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.406 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.162 W/kg**

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



0 dB = 0.318 W/kg = -4.98 dBW/kg

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**EML-L09 LTE Band 2 20MHz bandwidth QPSK 50RB0 Offset 18900CH Top side 10mm Hotspot actived for 2.4G with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: MSL1900;Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 52.471$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.09, 8.09, 8.09); 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 (5x8x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.336 W/kg

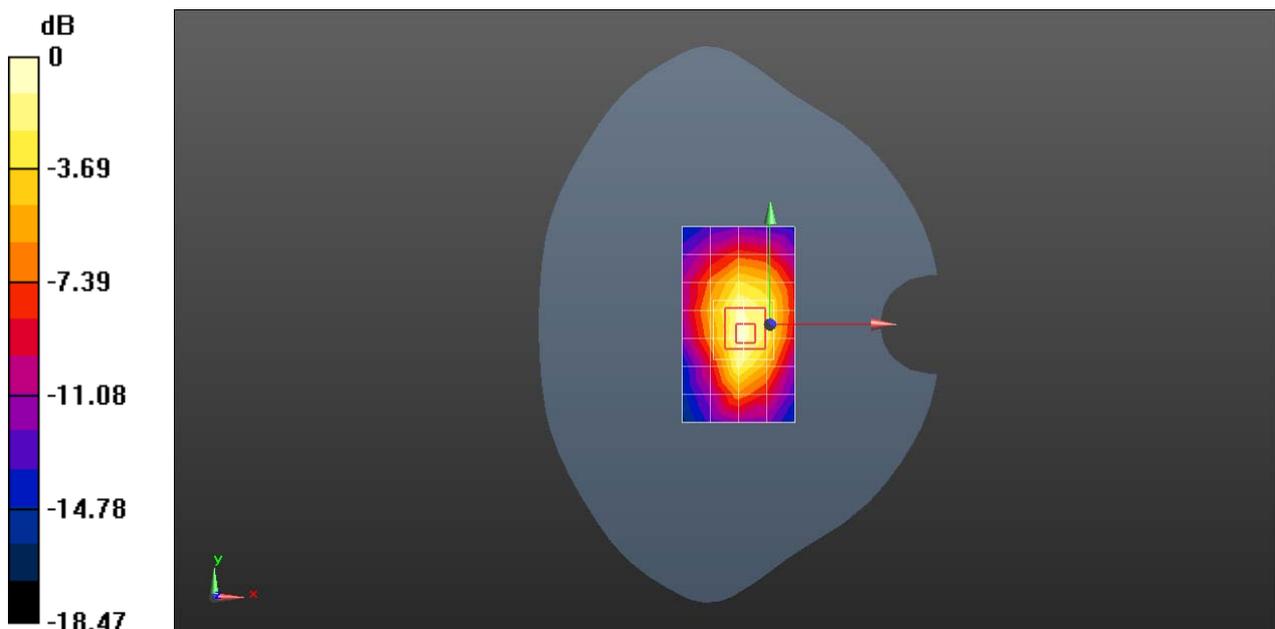
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.72 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.435 W/kg

**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.159 W/kg**

Maximum value of SAR (measured) = 0.361 W/kg



0 dB = 0.361 W/kg = -4.42 dBW/kg

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### **EML-L09 LTE Band 4 20MHz bandwidth QPSK 1RB0 Offset 20300CH left tilted with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750;Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.313$  S/m;  $\epsilon_r = 40.426$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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: SAM2; Type: SAM; Serial: 1913
- 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) = 0.542 W/kg

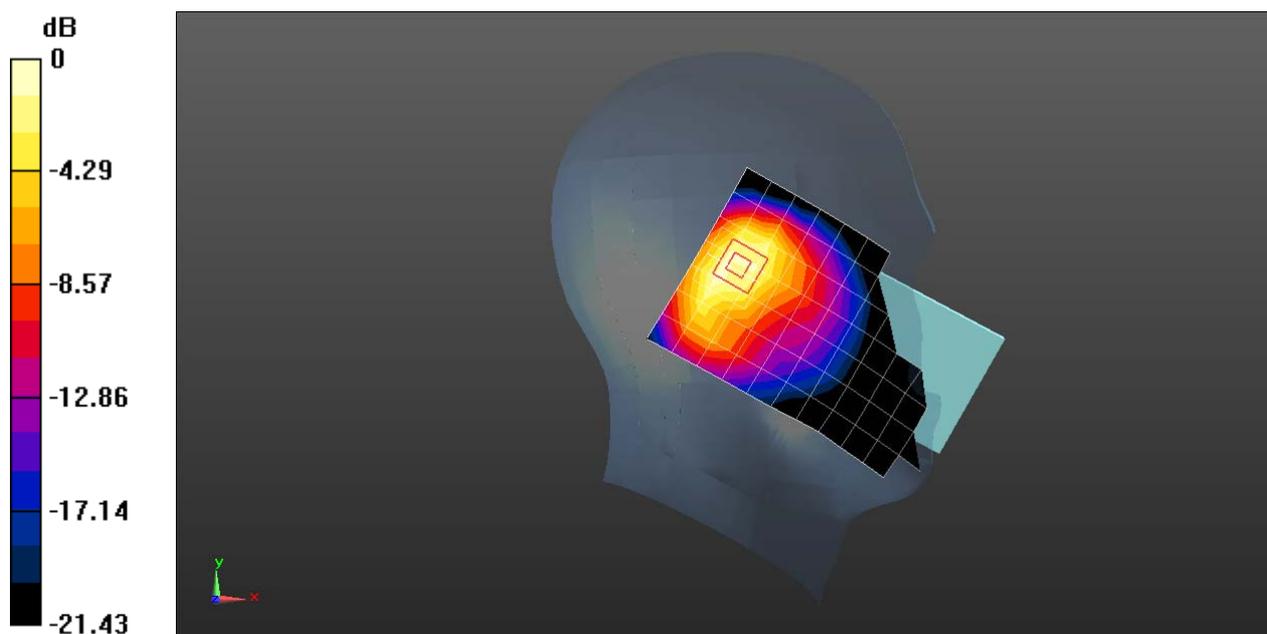
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.90 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.749 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

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**EML-L09 LTE Band 4 20MHz bandwidth QPSK 1RB99 Offset 20300CH Back side 15mm with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: MSL1750;Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 52.215$ ;  $\rho = 1000$  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: SAM1; Type: SAM; Serial: 1912
- 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) = 0.205 W/kg

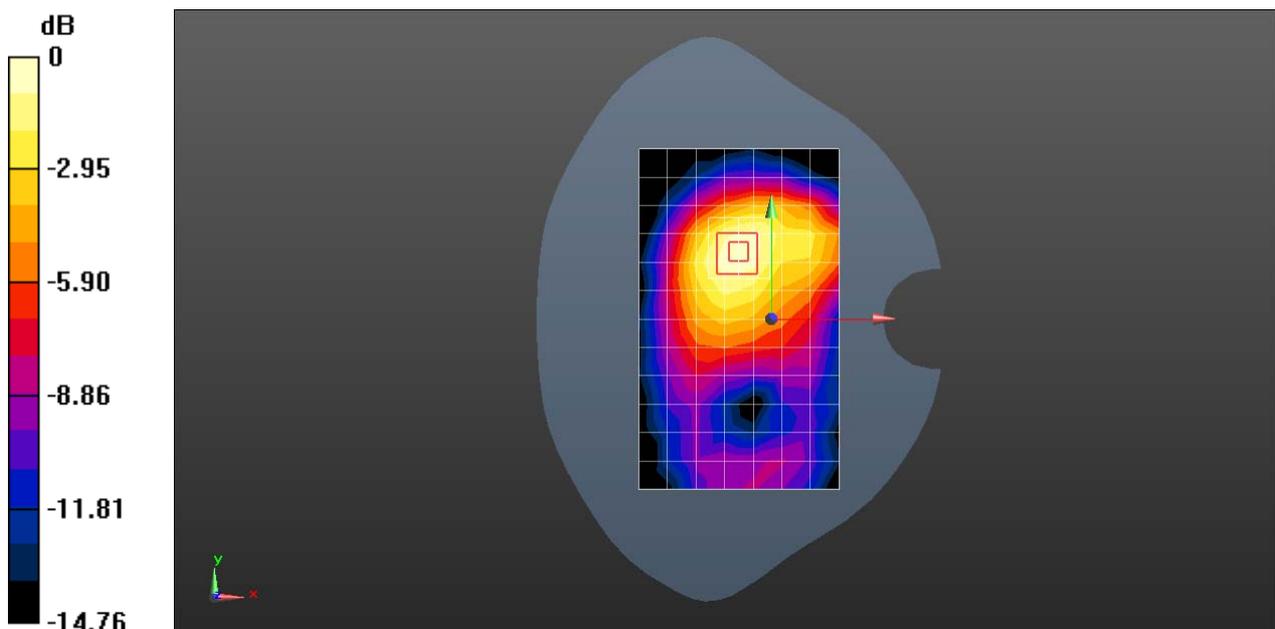
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.538 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.114 W/kg**

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



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

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### **EML-L09 LTE Band 4 20MHz bandwidth QPSK 1RB0 Offset 20300CH Top side 10mm Hotspot actived for 2.4G with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: MSL1750;Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 52.215$ ;  $\rho = 1000$  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: SAM1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x8x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.174 W/kg

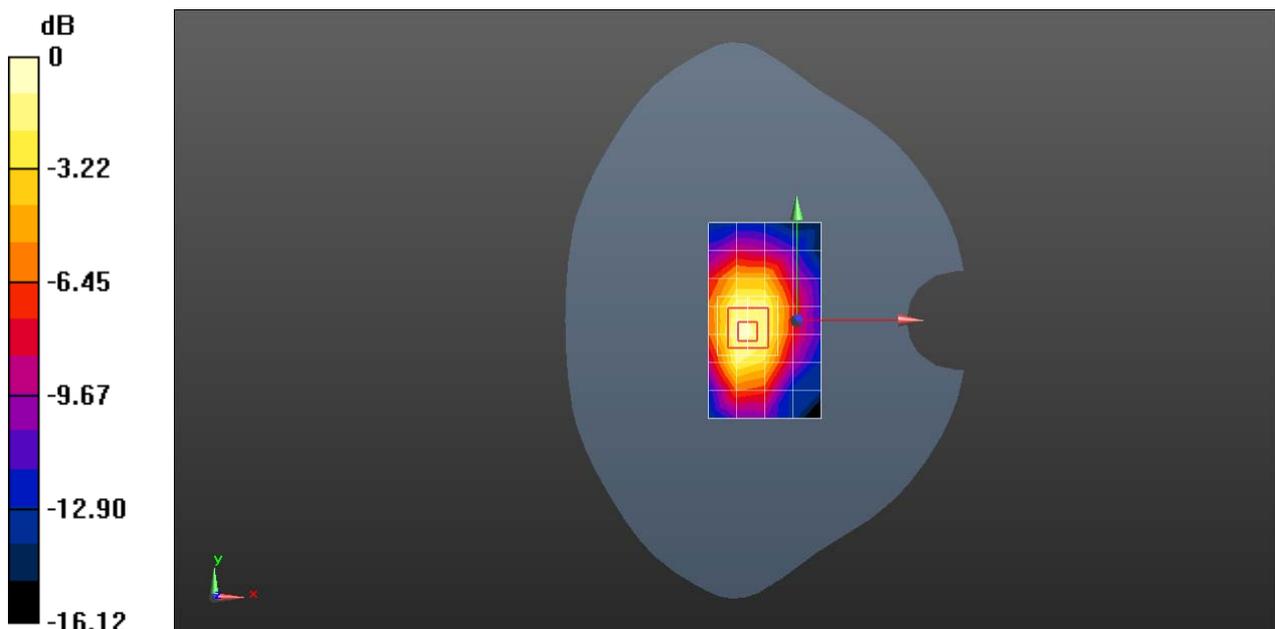
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.343 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.091 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20450CH Left cheek Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

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

Medium: HSL835; Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.883$  S/m;  $\epsilon_r = 40.871$ ;  $\rho = 1000$  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) = 0.962 W/kg

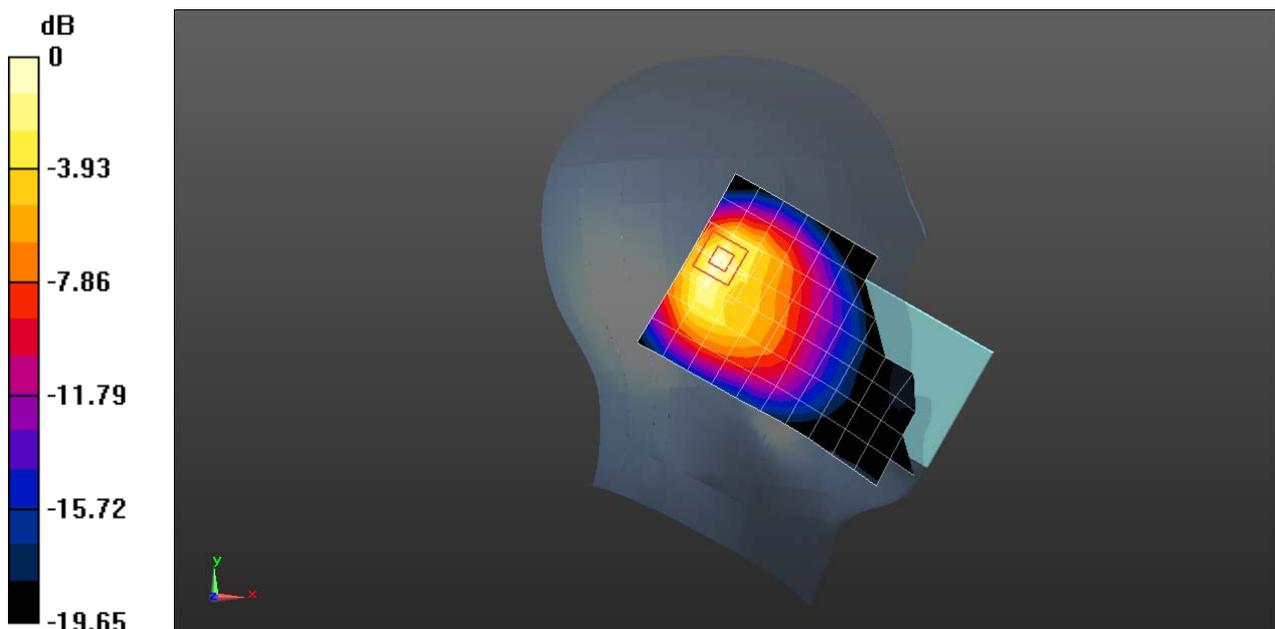
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.19 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 0.969 W/kg



0 dB = 0.969 W/kg = -0.14 dBW/kg

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## EML-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20525CH Front side 15mm with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

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;  $\sigma = 0.973$  S/m;  $\epsilon_r = 53.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

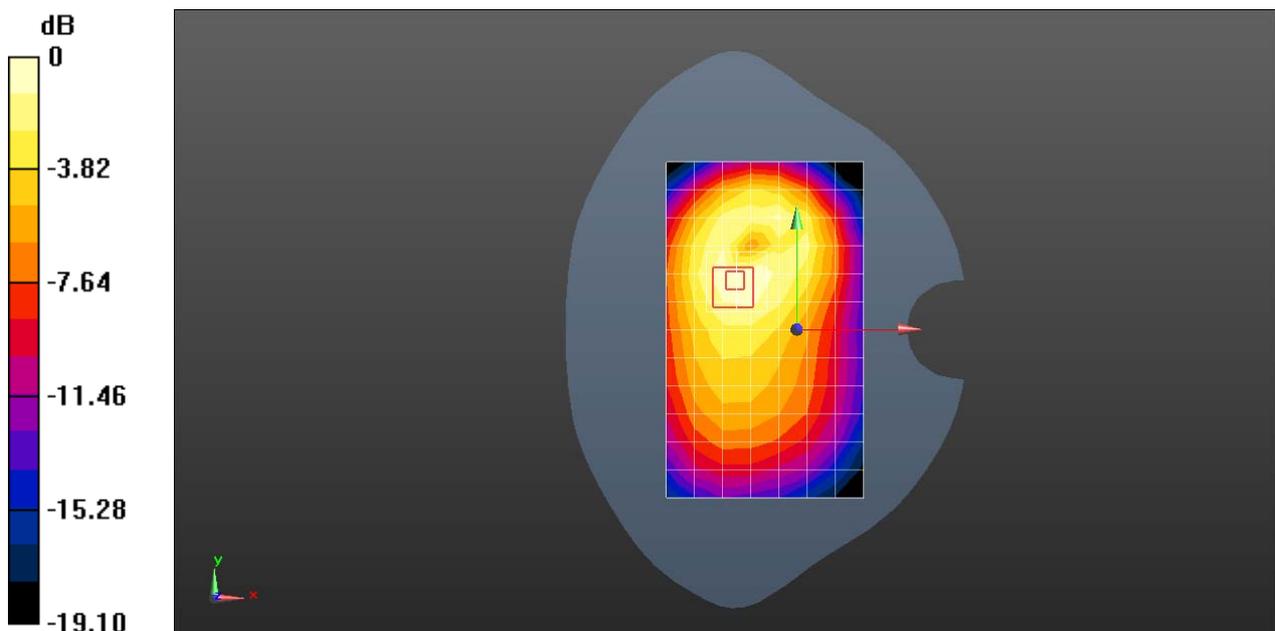
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.76 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.370 W/kg

**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.316 W/kg



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

Test Laboratory: SGS-SAR Lab

### **EML-L09 LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20450CH Back side 10mm Hotspot actived for 2.4G with Battery 3 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

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

Medium: MSL835; Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 53.914$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.331 W/kg

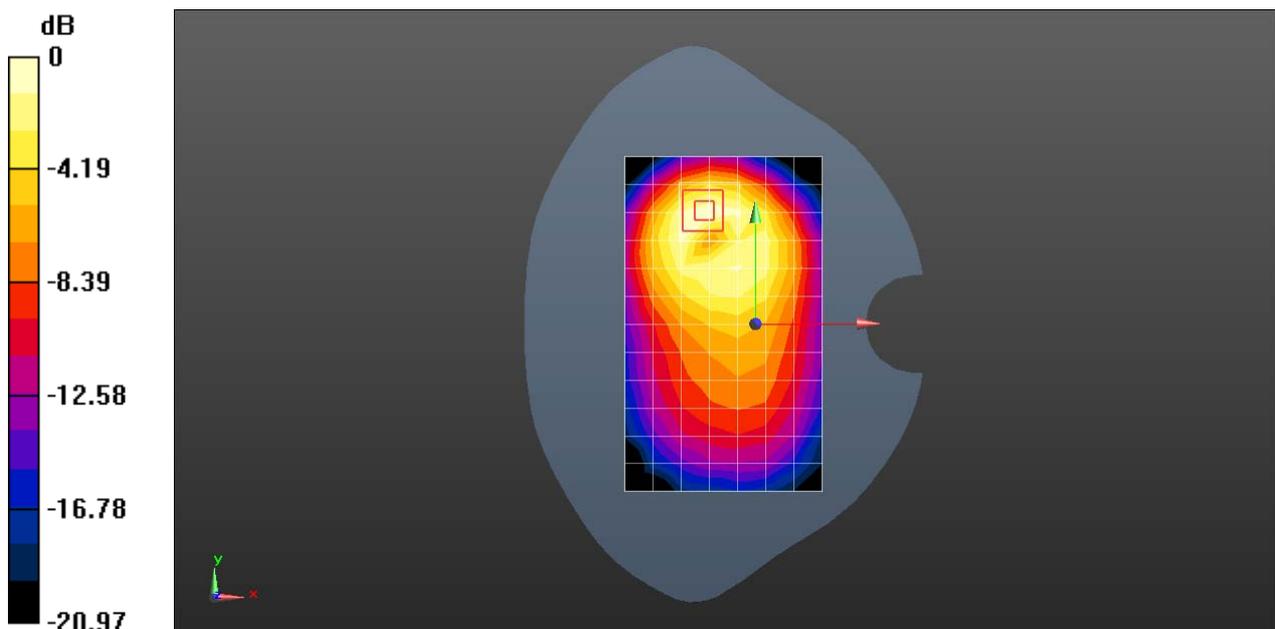
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.962 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.132 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

**EML-L09 LTE Band 7 20MHz bandwidth QPSK 50RB50 Offset 21350CH Right tilted -Repeated with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

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

Medium: HSL2600;Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.947$  S/m;  $\epsilon_r = 39.549$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.7, 6.7, 6.7); Calibrated: 2017-1-13;
- 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 1.37 W/kg

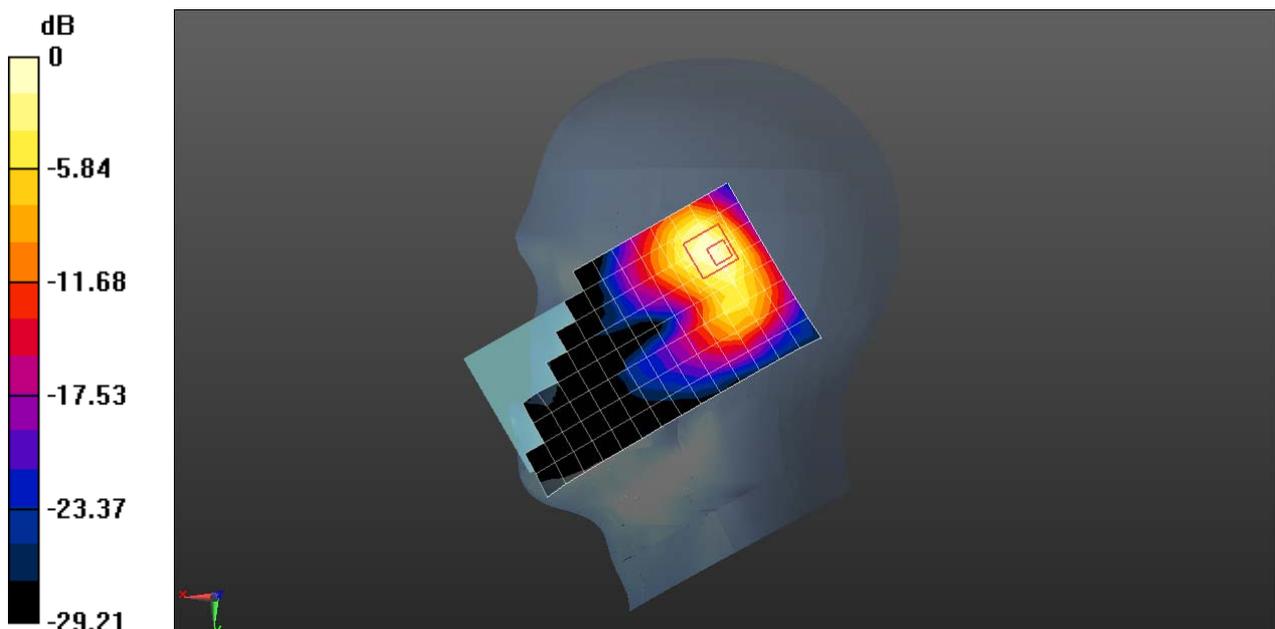
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.69 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.387 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 7 20MHz bandwidth QPSK 1RB99 Offset 21350CH Back side 15mm Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000172**

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

Medium: MSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.104$  S/m;  $\epsilon_r = 52.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.61, 7.61, 7.61); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.212 W/kg

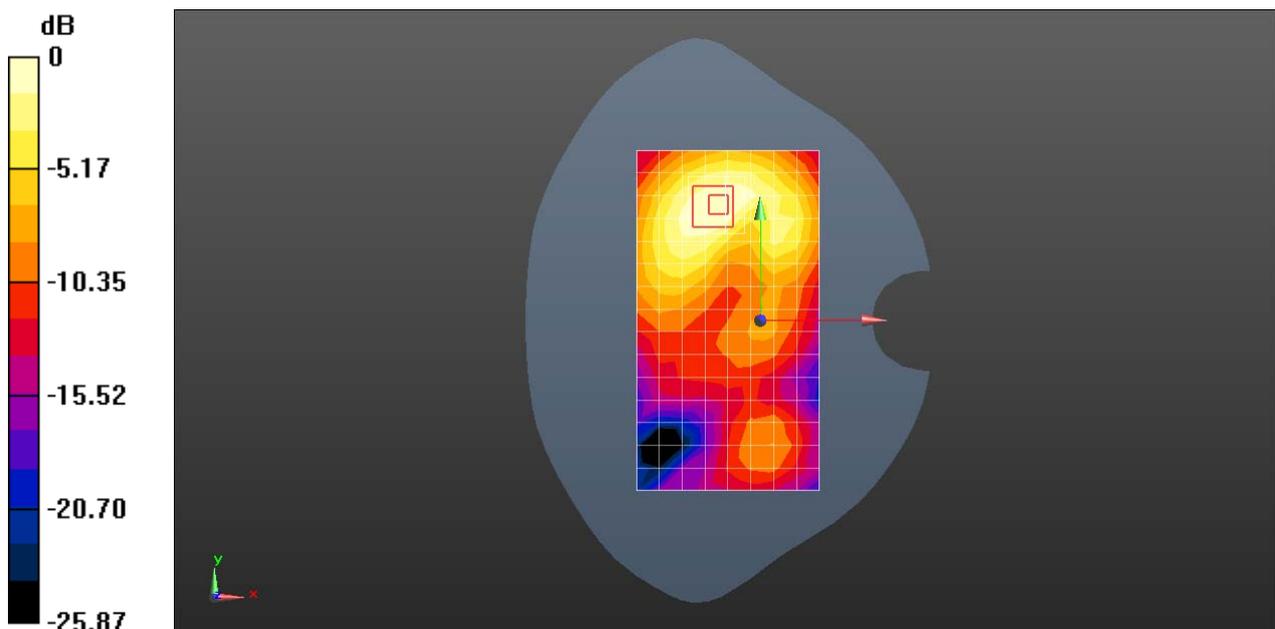
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.746 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.086 W/kg**

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



0 dB = 0.218 W/kg = -6.62 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 7 20MHz bandwidth QPSK 50RB0 Offset 21350CH Top side 10mm Hotspot actived for 2.4G Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000170**

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

Medium: MSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.104$  S/m;  $\epsilon_r = 52.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.61, 7.61, 7.61); 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/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.494 W/kg

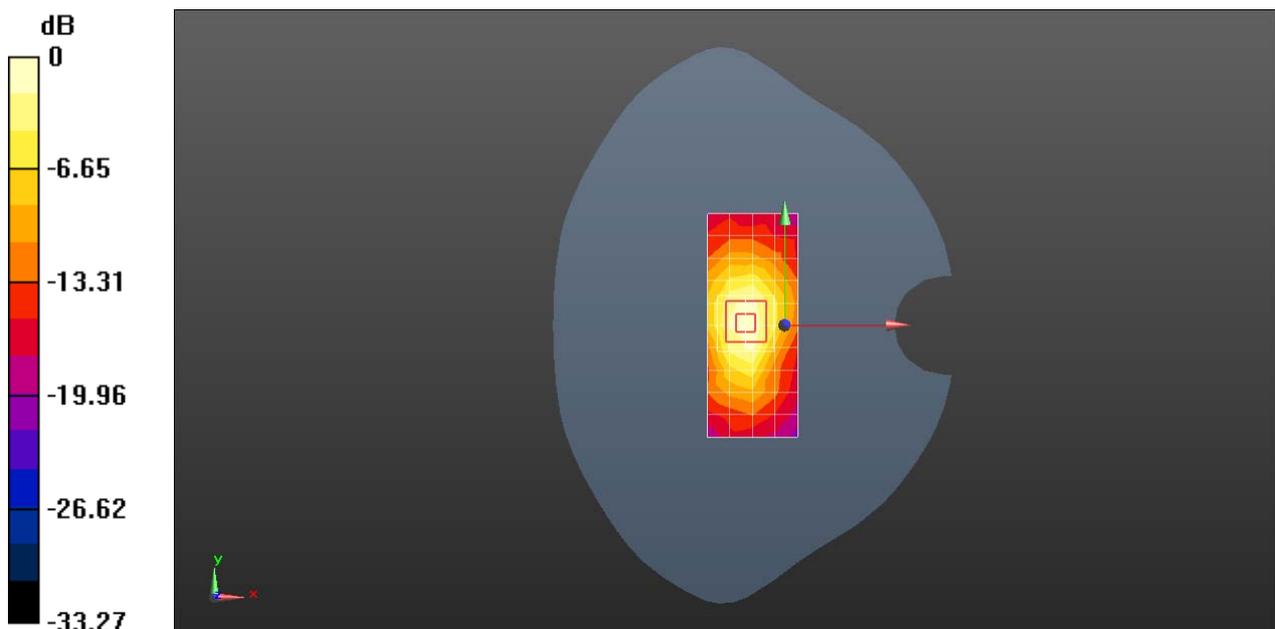
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.54 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.697 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.180 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset 23130CH Left cheek Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

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

Medium: HSL750;Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 43.33$ ;  $\rho = 1000$  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) = 1.05 W/kg

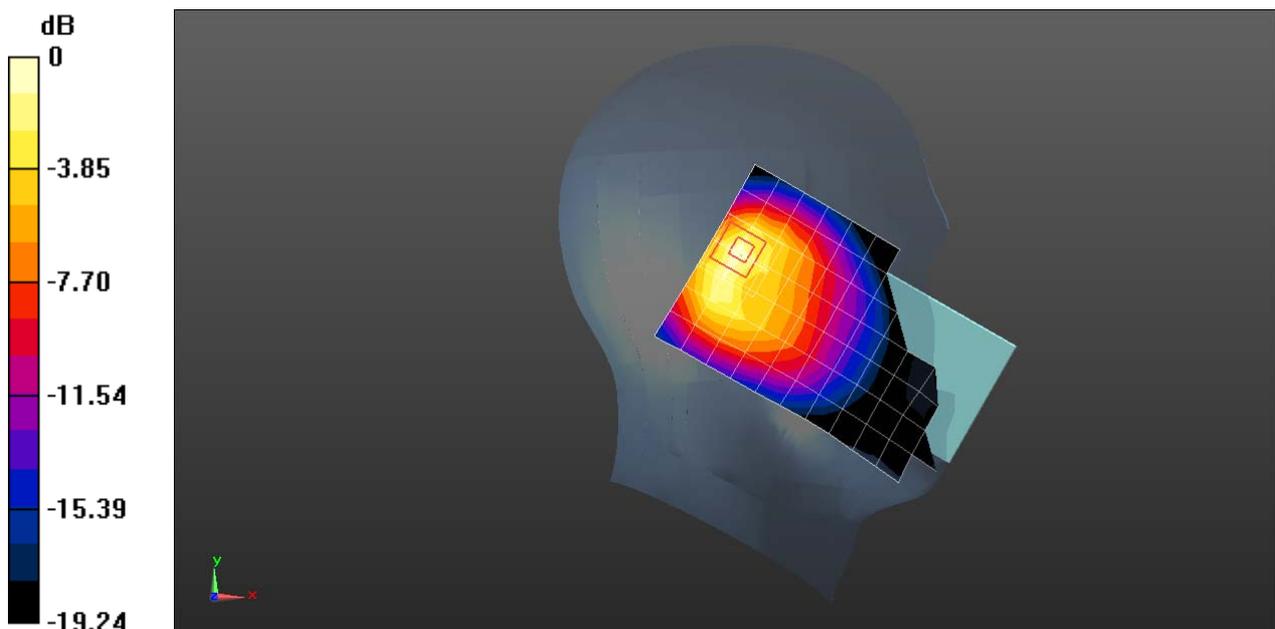
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.79 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: SGS-SAR Lab

**EML-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset 23130CH  
Front side 15mm with Battery 3 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

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

Medium: MSL750; Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 56.285$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.37, 10.37, 10.37); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.226 W/kg

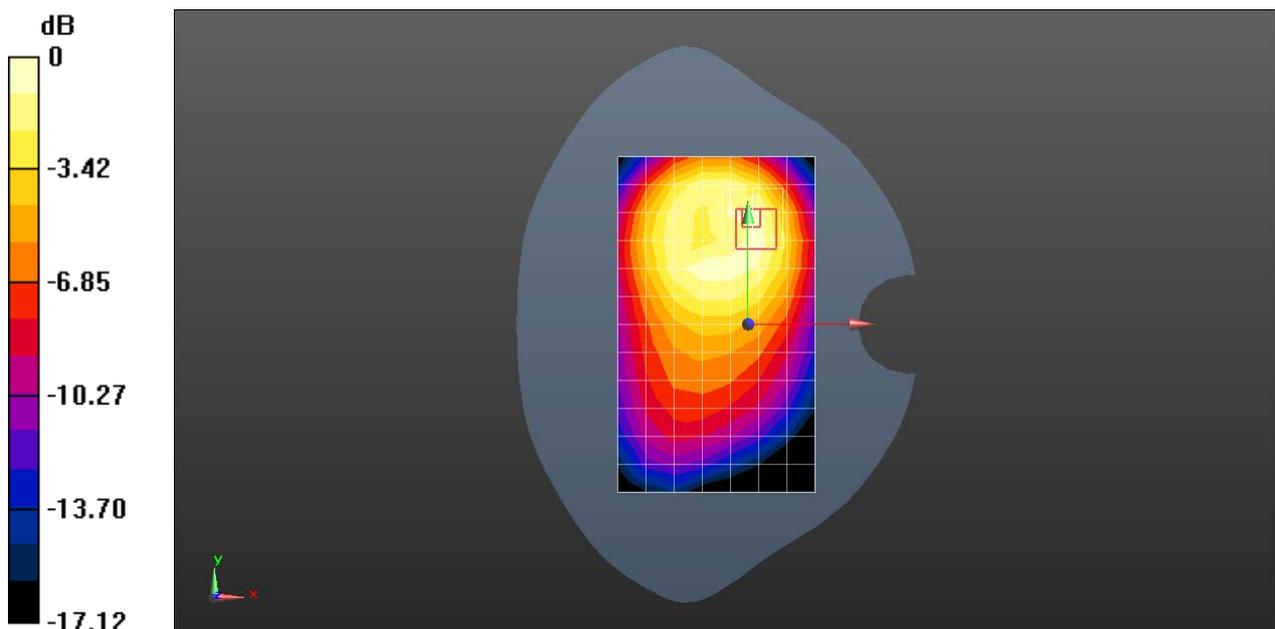
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.868 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 dBW/kg

Test Laboratory: SGS-SAR Lab

**EML-L09 LTE Band 12 10MHz bandwidth QPSK 1RB49 Offset 23130CH  
Front side 10mm Hotspot actived for 2.4G Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

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

Medium: MSL750;Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 56.285$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.37, 10.37, 10.37); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.247 W/kg

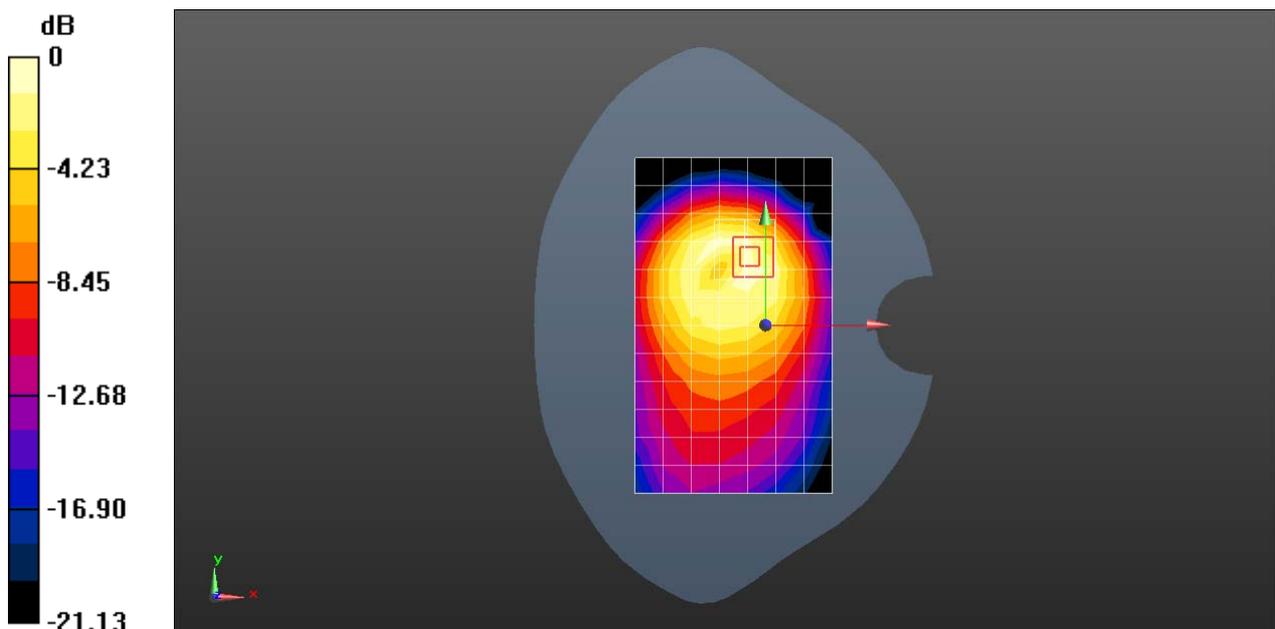
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.386 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.110 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

**EML-L09 LTE Band 17 10MHz bandwidth QPSK 1RB49 Offset 23790CH Right cheek Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

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

Medium: HSL750; Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.849 \text{ S/m}$ ;  $\epsilon_r = 43.34$ ;  $\rho = 1000 \text{ kg/m}^3$

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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 0.911 W/kg

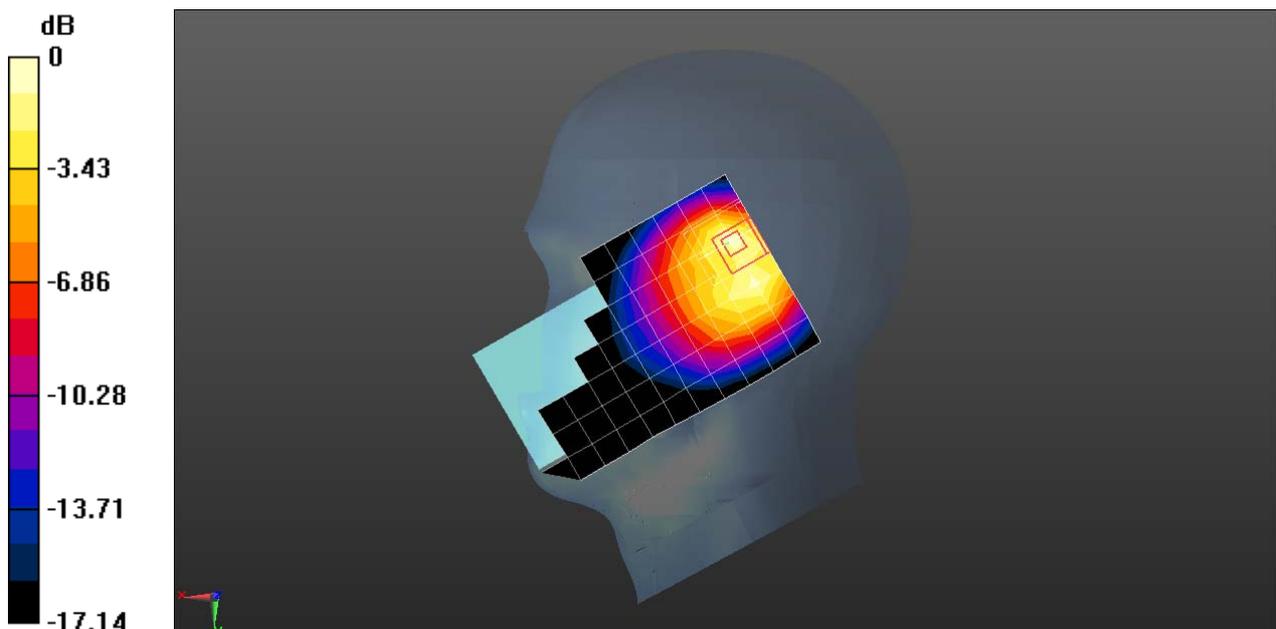
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.75 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.323 W/kg**

Maximum value of SAR (measured) = 0.954 W/kg



0 dB = 0.954 W/kg = -0.20 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 17 10MHz bandwidth QPSK 1RB49 Offset 23780CH Front side 15mm with Battery 3 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

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

Medium: MSL750; Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 56.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.37, 10.37, 10.37); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.210 W/kg

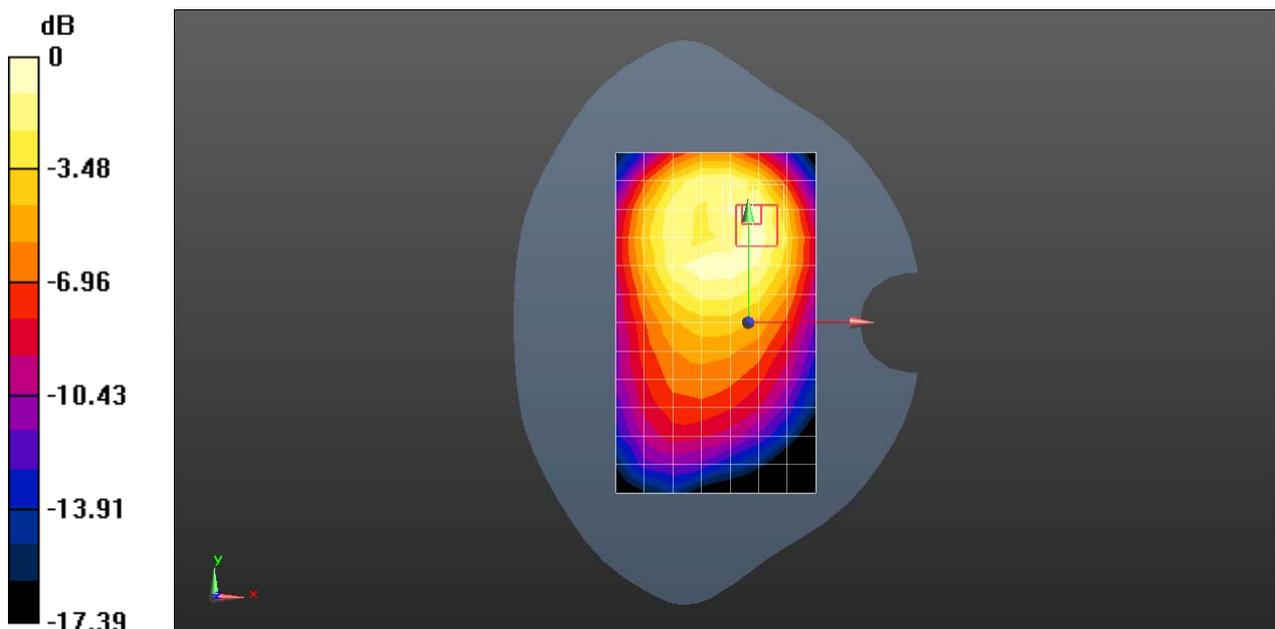
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.616 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.288 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg = -6.48 dBW/kg

Test Laboratory: SGS-SAR Lab

**EML-L09 LTE Band 17 10MHz bandwidth QPSK 1RB49 Offset 23790CH  
Front side 10mm Hotspot actived for 2.4G with SIM2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

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

Medium: MSL750;Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 56.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.37, 10.37, 10.37); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.236 W/kg

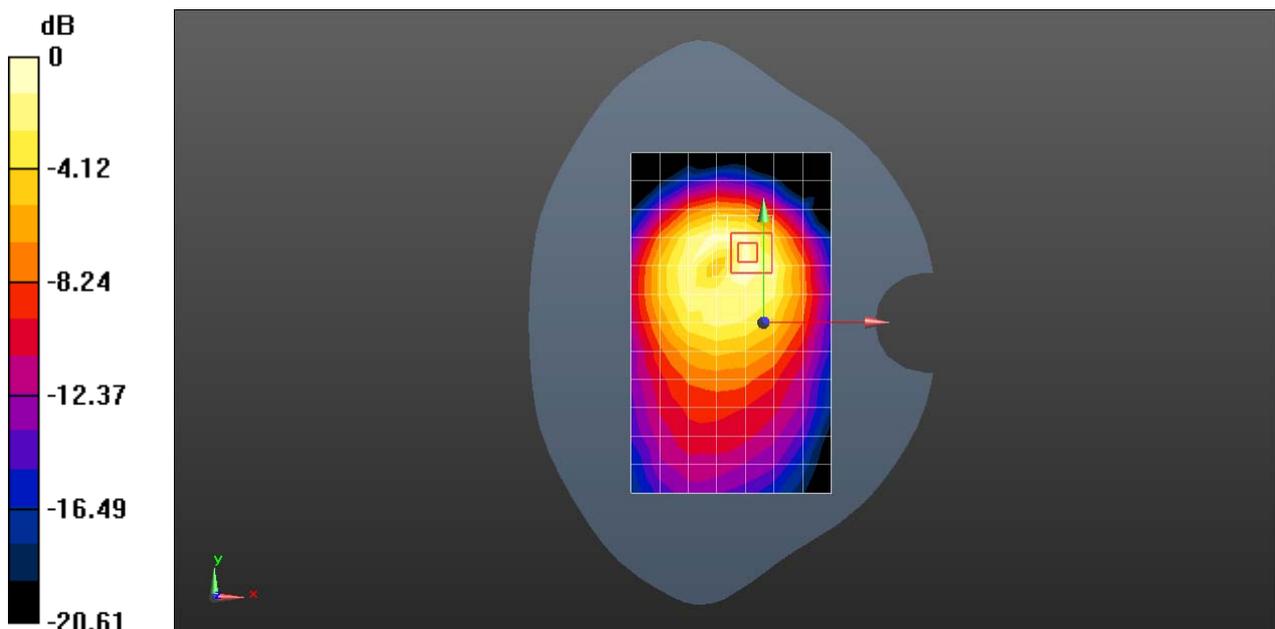
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.11 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.371 W/kg

**SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 26 15MHz bandwidth QPSK 36RB0 Offset 26865CH Right Cheek Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

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;  $\sigma = 0.884$  S/m;  $\epsilon_r = 40.852$ ;  $\rho = 1000$  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 (8x7x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.858 W/kg

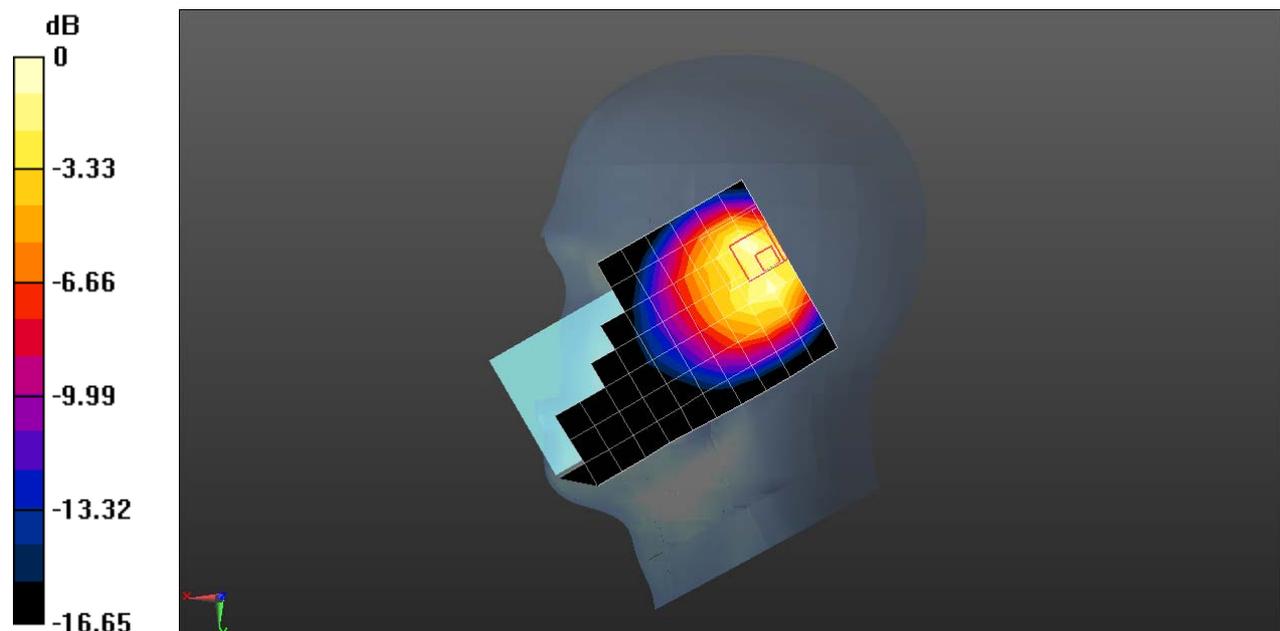
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.92 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.300 W/kg**

Maximum value of SAR (measured) = 0.860 W/kg



0 dB = 0.860 W/kg = -0.66 dBW/kg

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26965CH Back side 15mm with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

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;  $\sigma = 0.984$  S/m;  $\epsilon_r = 53.929$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.264 W/kg

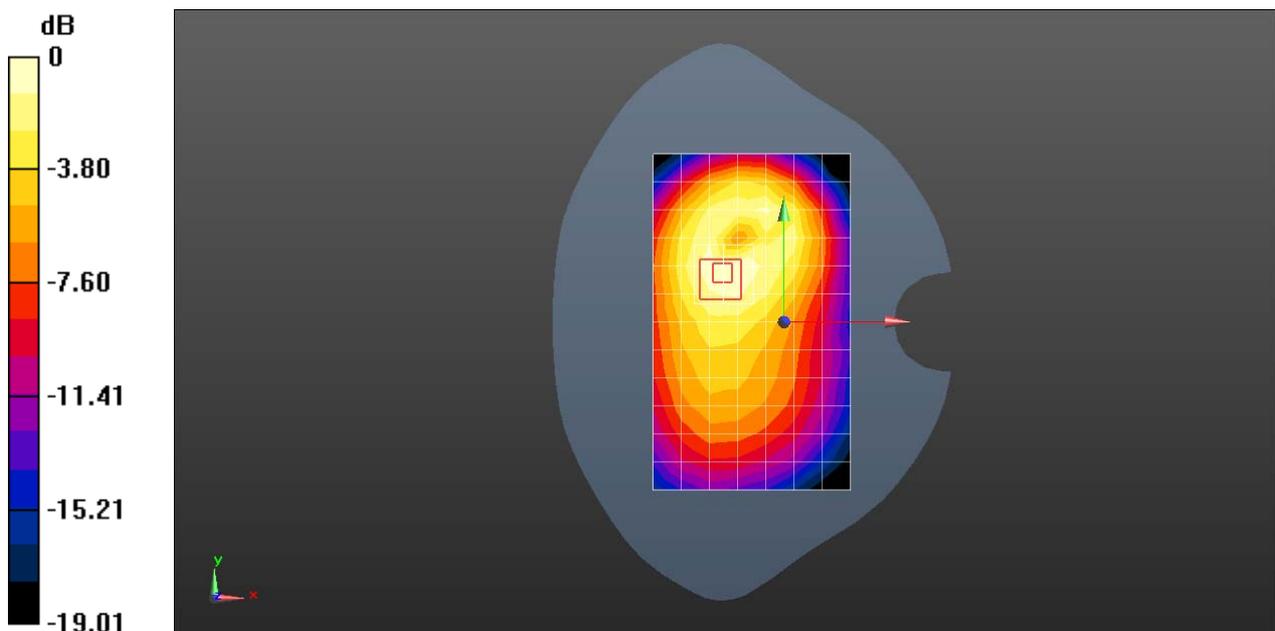
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.84 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.154 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 26 15MHz bandwidth QPSK 1RB0 Offset 26865CH Front side 10mm Hotspot actived for 2.4G Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

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

Medium: MSL835;Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 53.774$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); 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/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

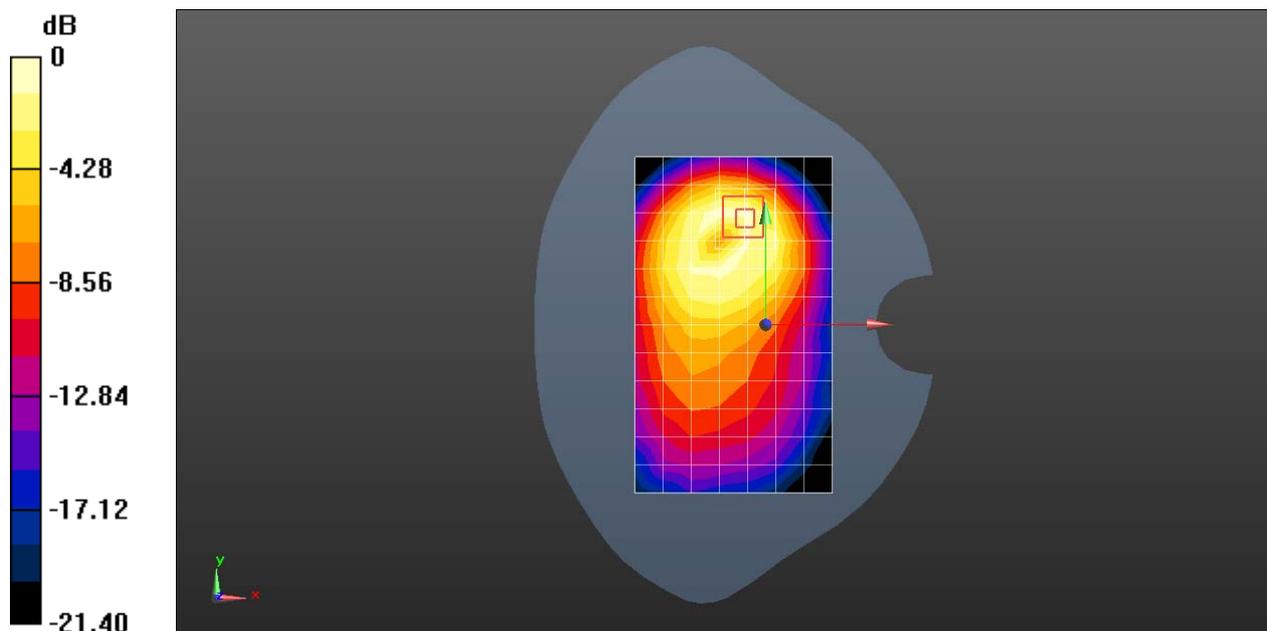
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.182 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.116 W/kg**

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



0 dB = 0.304 W/kg = -5.17 dBW/kg

Test Laboratory: SGS-SAR Lab

### **EML-L09 LTE Band 38 20MHz bandwidth QPSK 1RB99 Offset 38150CH Right tilted with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.57906

Medium: HSL2600;Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 39.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.7, 6.7, 6.7); Calibrated: 2017-1-13;
- 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.24 W/kg

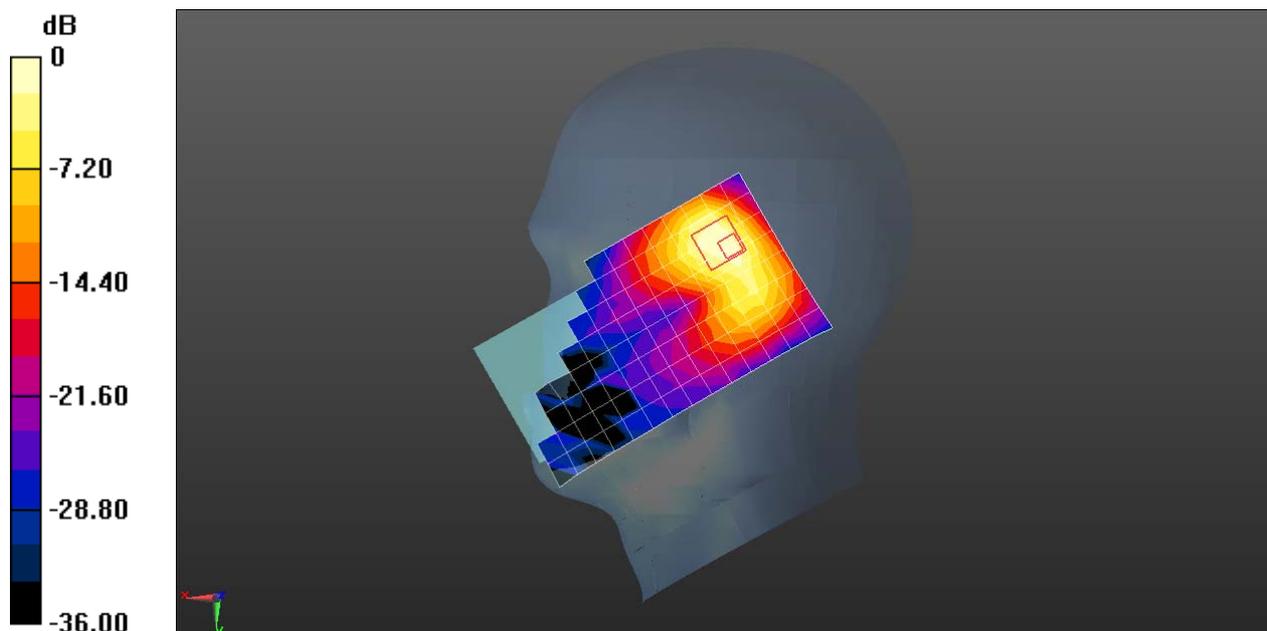
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.73 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.331 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 38 20MHz bandwidth QPSK 50RB50 Offset 38000CH Back side 15mm with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.155$  S/m;  $\epsilon_r = 52.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.61, 7.61, 7.61); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.197 W/kg

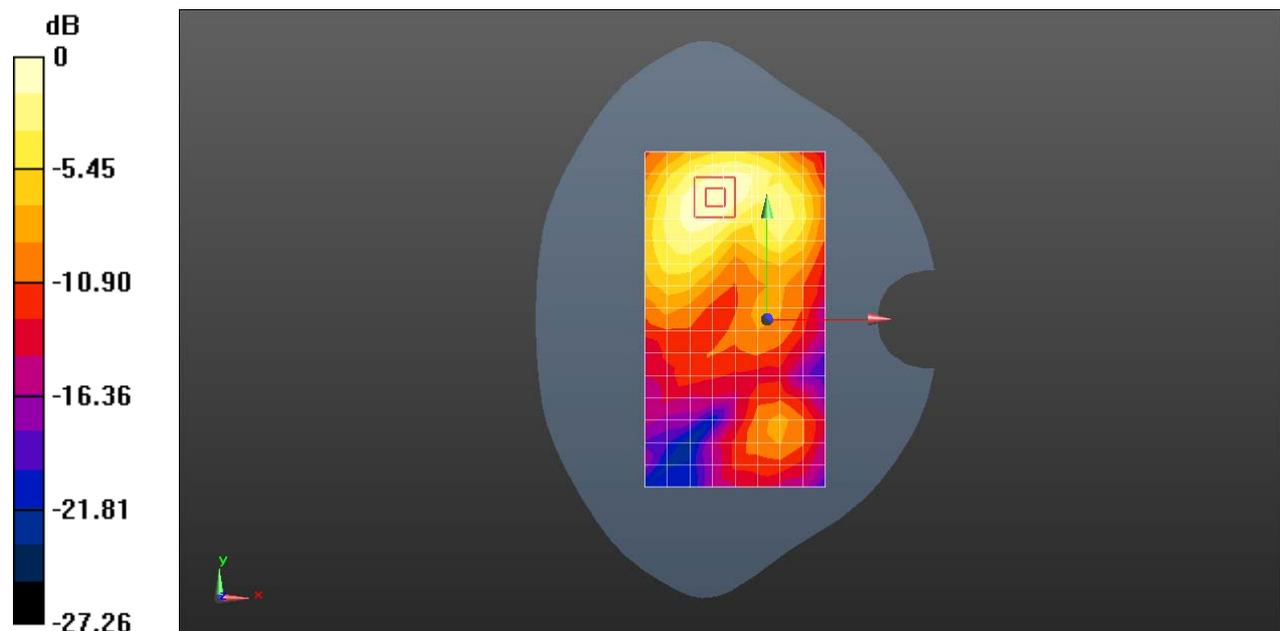
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.583 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.078 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

## EML-L09 LTE Band 38 20MHz bandwidth QPSK 50RB50 Offset 38150CH Top side 10mm Hotspot actived for 2.4G with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.57906

Medium: MSL2600;Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.173$  S/m;  $\epsilon_r = 52.199$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.61, 7.61, 7.61); 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/Body/Area Scan (6x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.508 W/kg

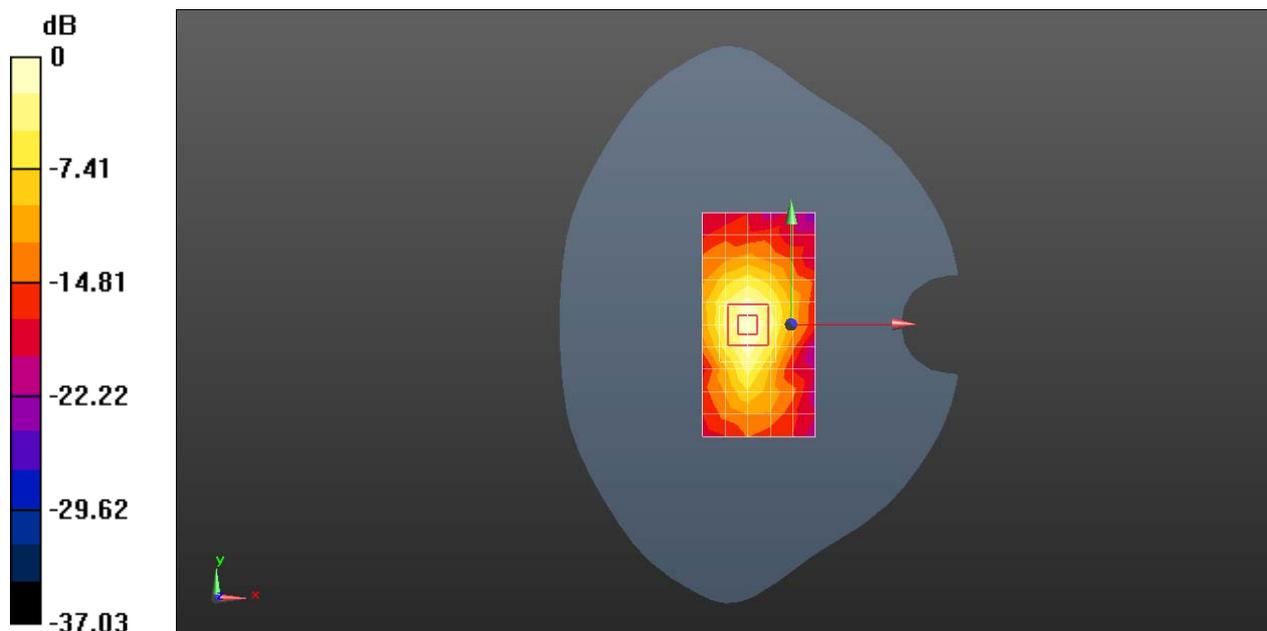
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.19 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.690 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.163 W/kg**

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



0 dB = 0.512 W/kg = -2.91 dBW/kg

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 40 20MHz bandwidth QPSK 100RB0 Offset 39550CH Right tilted Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2390 MHz;Duty Cycle: 1:1.57906

Medium: HSL2300;Medium parameters used:  $f = 2390$  MHz;  $\sigma = 1.752$  S/m;  $\epsilon_r = 40.256$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.03, 8.03, 8.03); 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

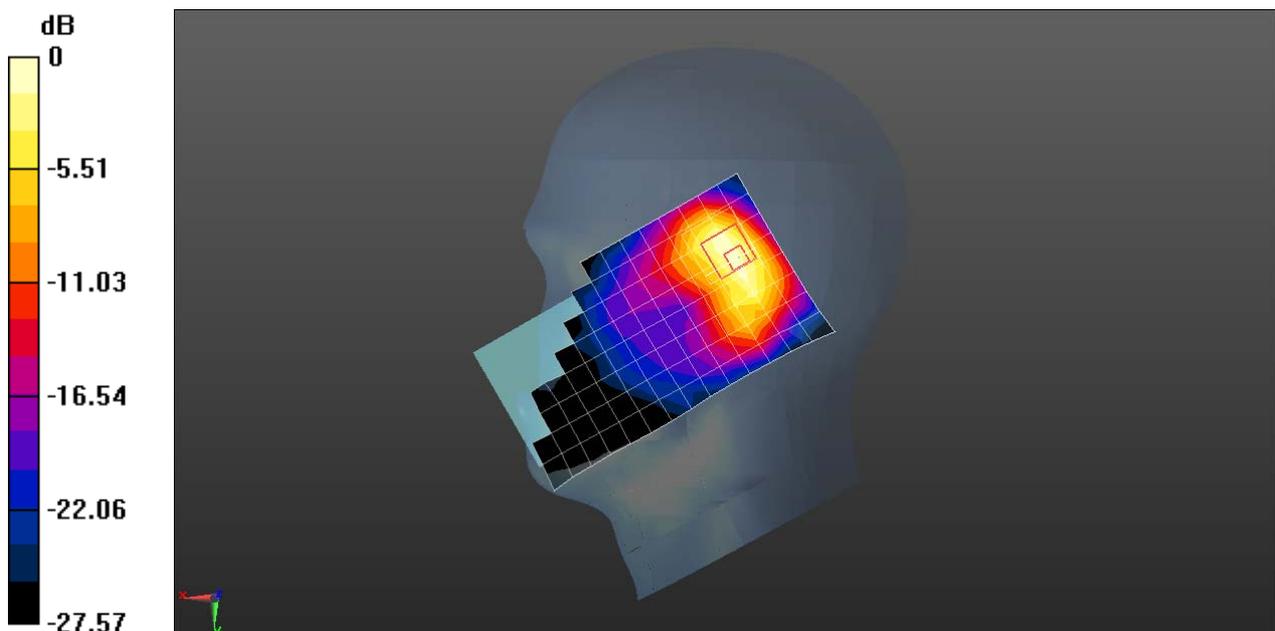
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 19.02 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.330 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 40 20MHz bandwidth QPSK 50RB0 Offset 39150CH Back side 15mm Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000172**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2350 MHz;Duty Cycle: 1:1.57906

Medium: MSL2300;Medium parameters used:  $f = 2350$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 51.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.9, 7.9, 7.9); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

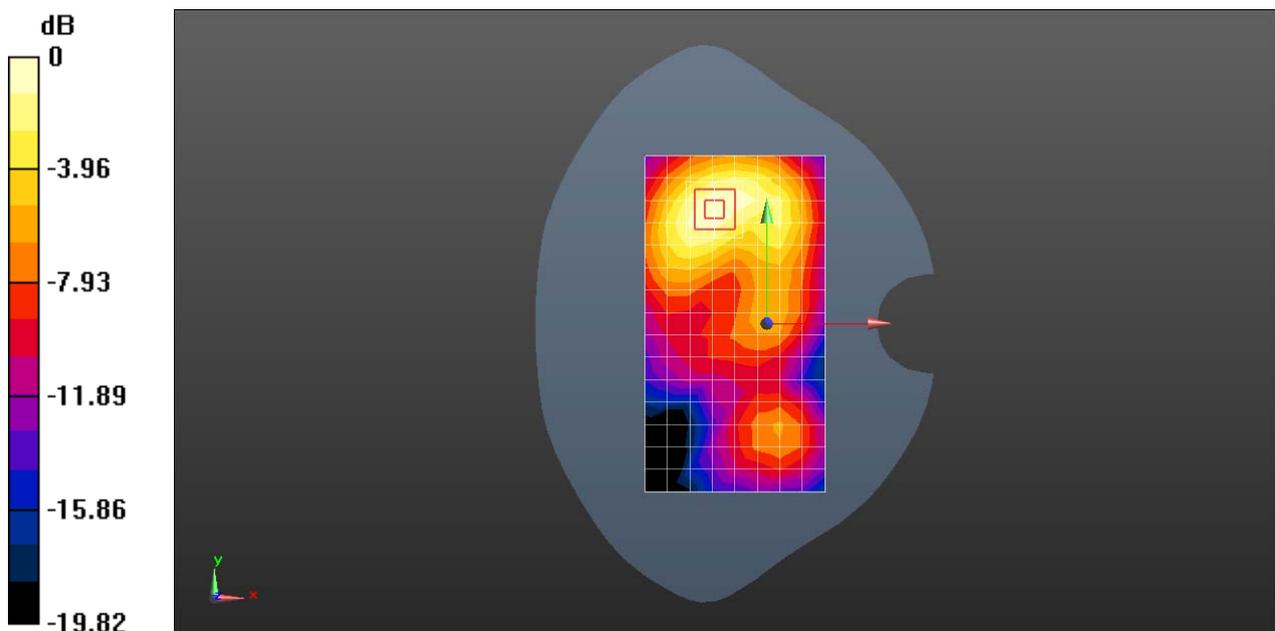
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.171 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.281 W/kg

**SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 LTE Band 40 20MHz bandwidth QPSK 50RB0 Offset 38750CH Top side 10mm Hotspot actived for 2.4G Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2310 MHz;Duty Cycle: 1:1.57906

Medium: MSL2300;Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.759$  S/m;  $\epsilon_r = 51.217$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.9, 7.9, 7.9); 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/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.212 W/kg

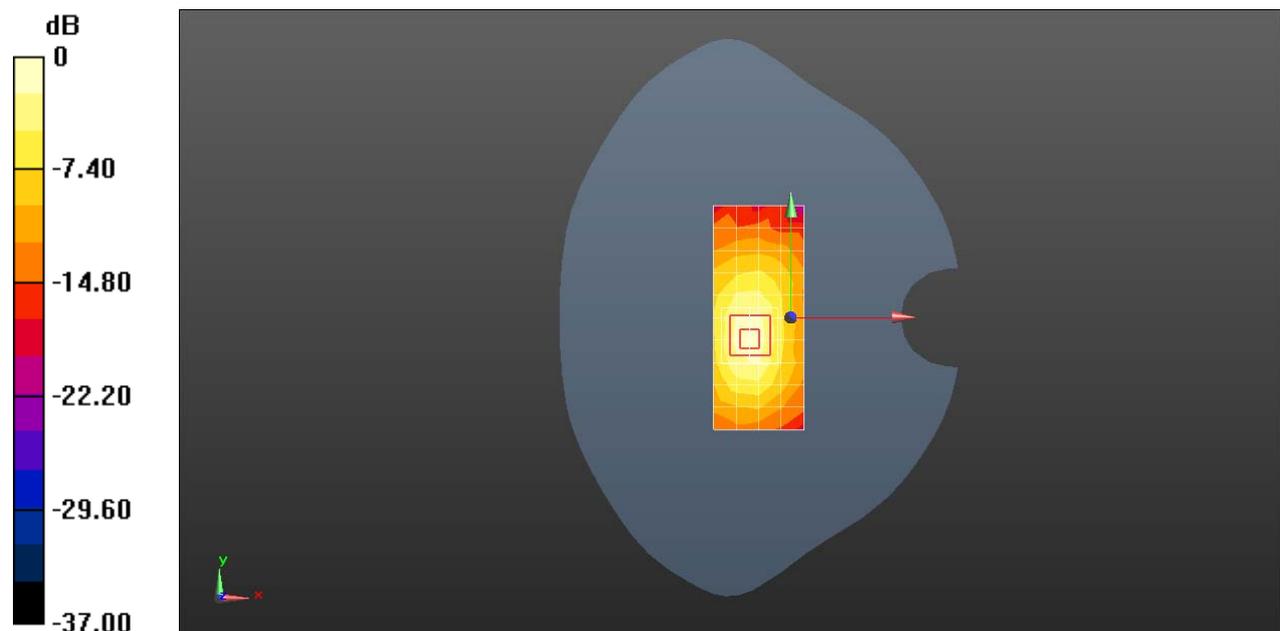
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.964 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 41 20MHz bandwidth QPSK 100RB0 Offset 41140CH Right tilted Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000170**

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

Medium: HSL2600; Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.039$  S/m;  $\epsilon_r = 39.229$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.7, 6.7, 6.7); Calibrated: 2017-1-13;
- 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.30 W/kg

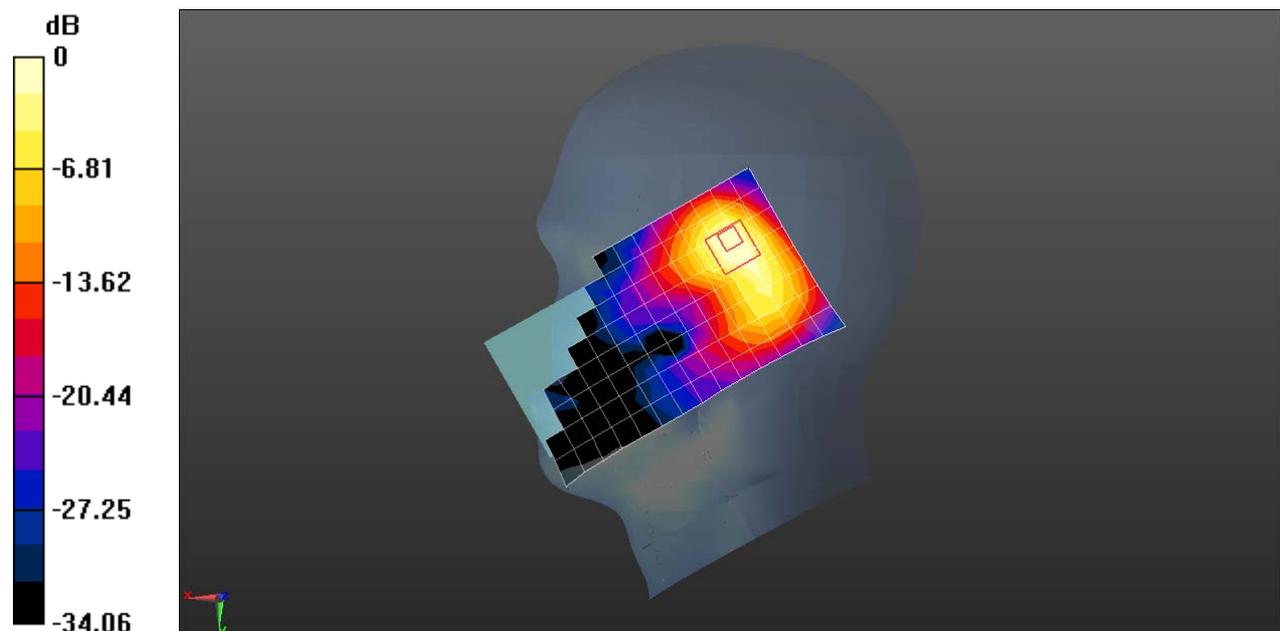
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 17.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.362 W/kg**

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

Test Laboratory: SGS-SAR Lab

### **EML-L09 LTE Band 41 20MHz bandwidth QPSK 1RB99 Offset 40690CH Back side 15mm with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

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;  $\sigma = 2.162$  S/m;  $\epsilon_r = 52.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.61, 7.61, 7.61); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.217 W/kg

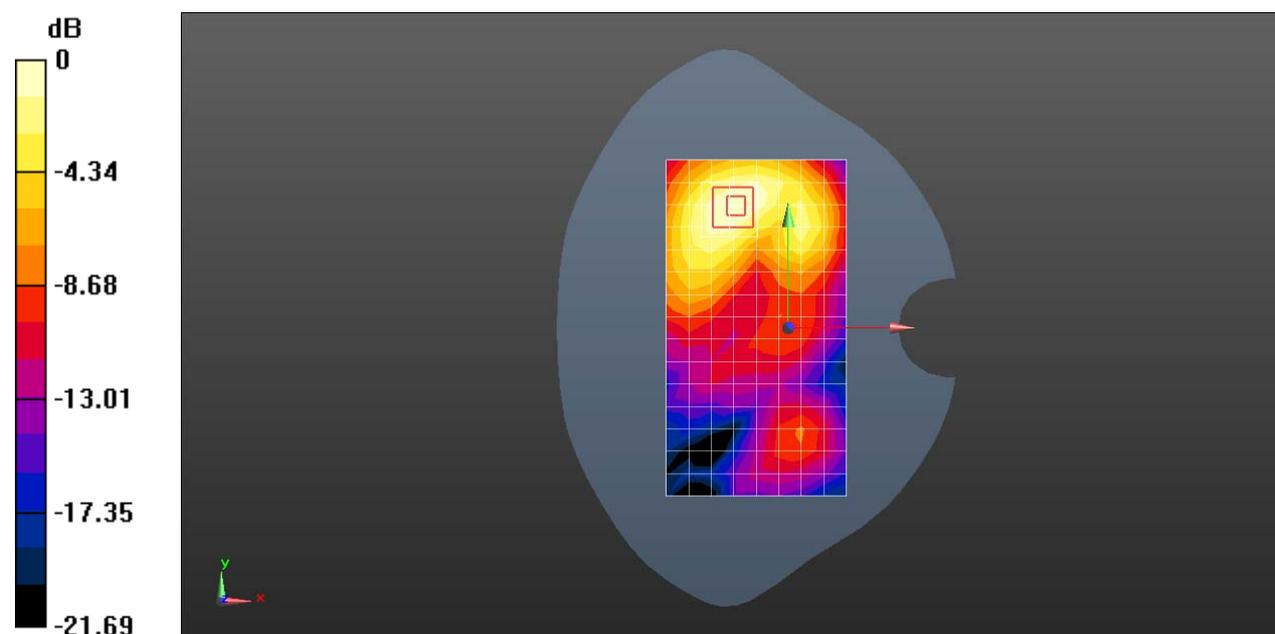
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.688 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.282 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.086 W/kg**

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



0 dB = 0.218 W/kg = -6.62 dBW/kg

Test Laboratory: SGS-SAR Lab

## **EML-L09 LTE Band 41 20MHz bandwidth QPSK 50RB0 Offset 41140CH Top side 10mm Hotspot actived for 2.4G with Battery 2 Ant2**

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

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;  $\sigma = 2.217$  S/m;  $\epsilon_r = 52.091$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.61, 7.61, 7.61); 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/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.438 W/kg

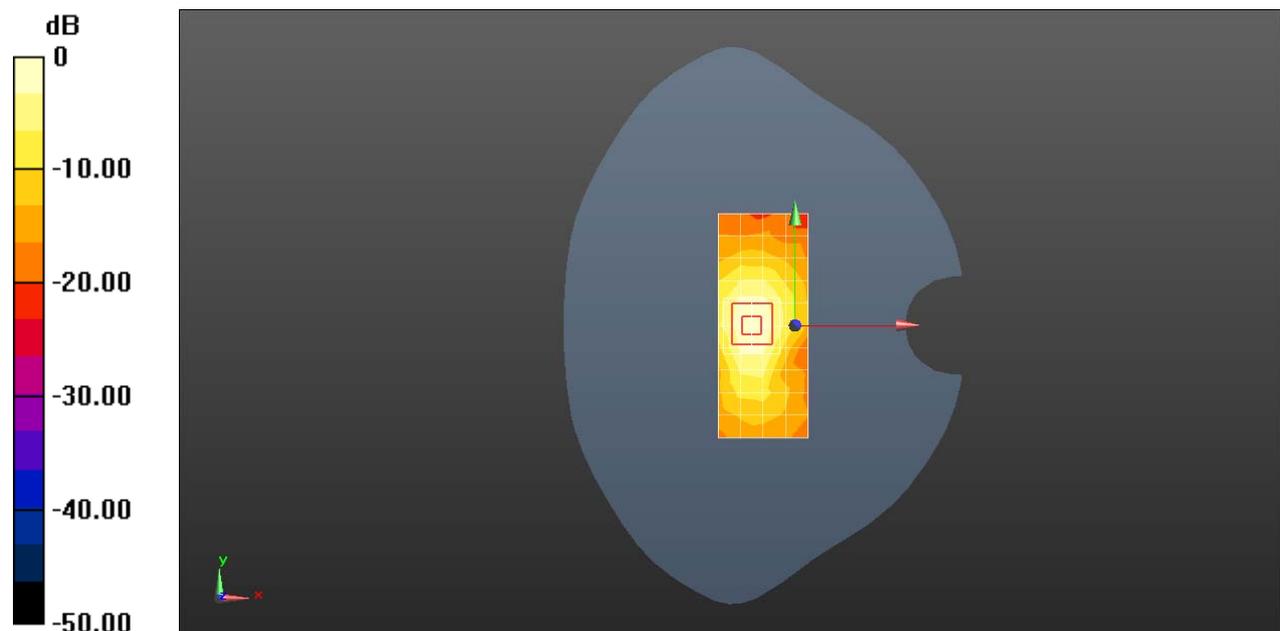
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.46 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.717 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.173 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## EML-L09 Wifi 802.11b 11CH Left tilted with Battery 3 Ant1

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 39.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.609 W/kg

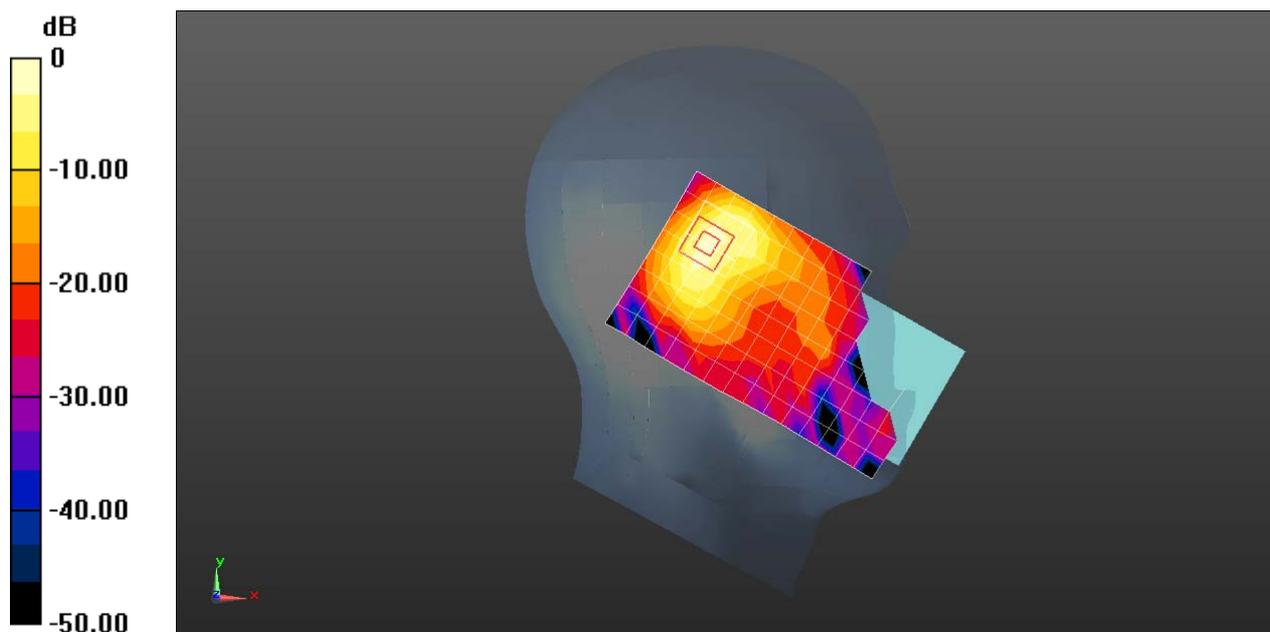
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.48 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.151 W/kg**

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.692 W/kg = -1.60 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 Wifi 802.11b 6CH Back side 15mm with Battery 3 Ant1

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 52.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.137 W/kg

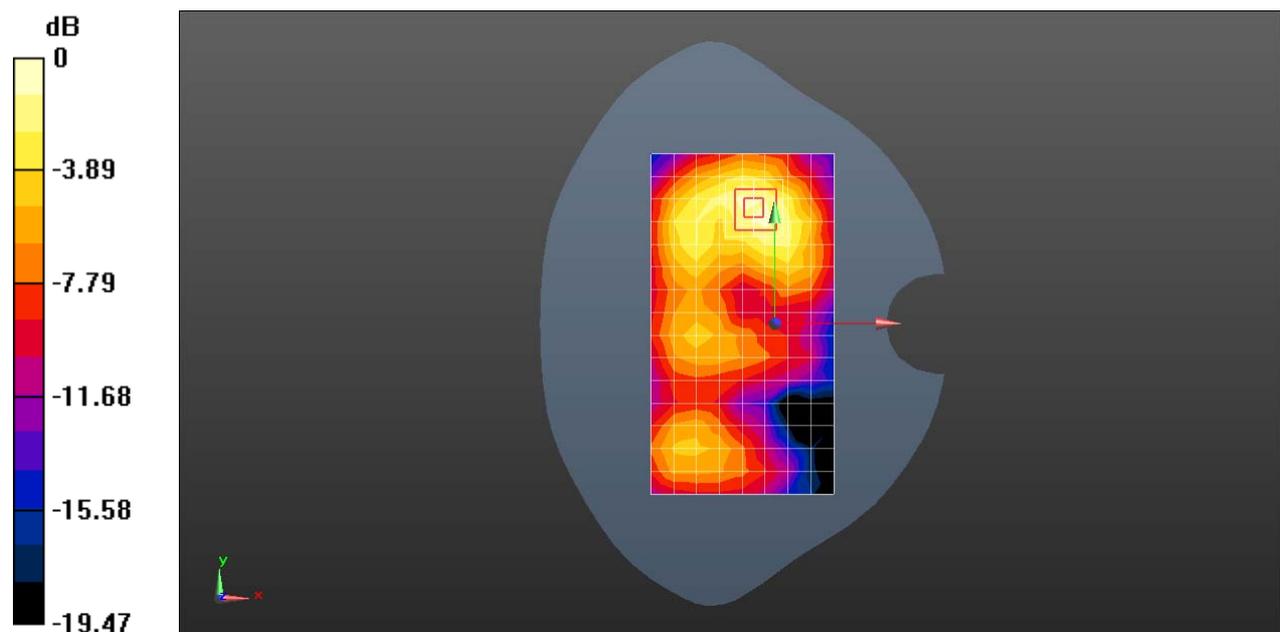
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.072 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.059 W/kg**

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



0 dB = 0.162 W/kg = -7.90 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 Wifi 802.11b 6CH Top side 10mm with Battery 3 Ant1

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 52.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); 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/Body/Area Scan (6x9x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.543 W/kg

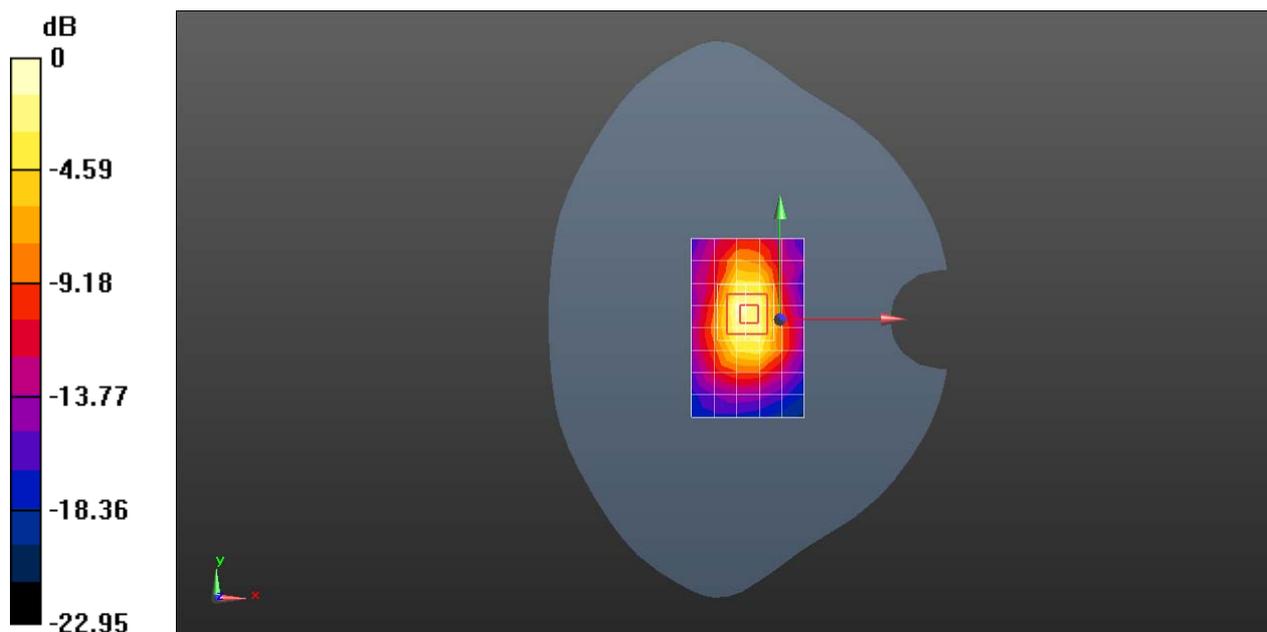
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 16.28 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.680 W/kg = -1.67 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 WIFI 802.11ac 102CH Left cheek Ant 1

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5510 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.069$  S/m;  $\epsilon_r = 35.339$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.89, 4.89, 4.89); Calibrated: 2018-1-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- 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/Head/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.04 W/kg

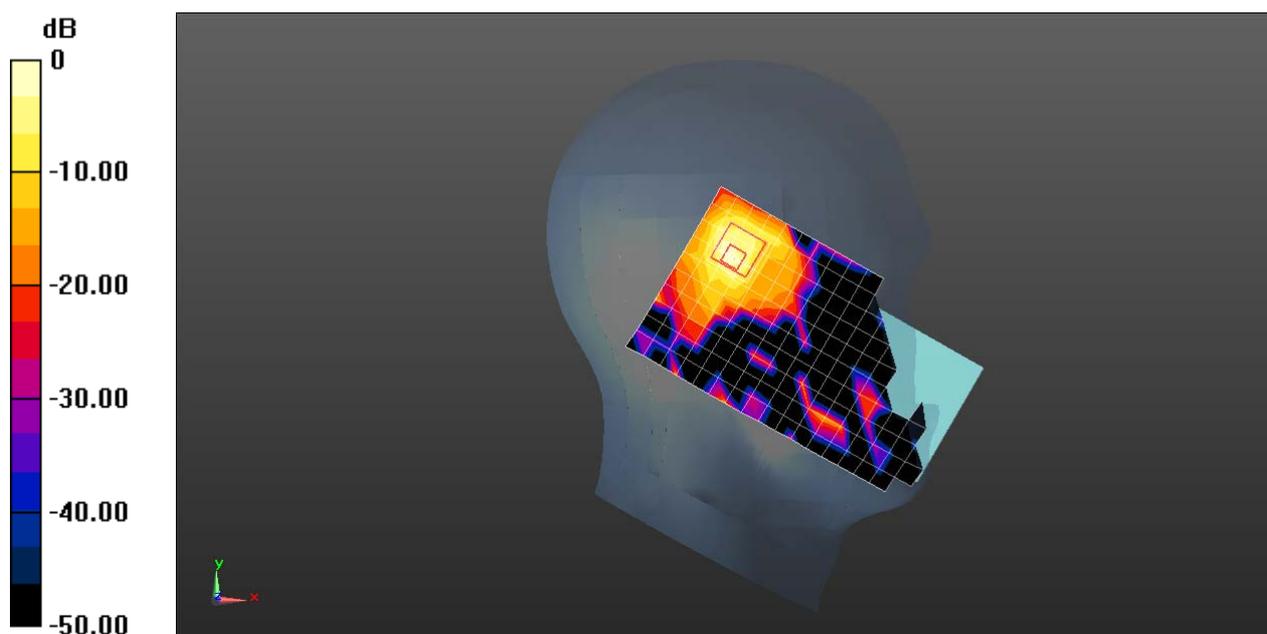
**Configuration/Head/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.039 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.129 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

## EML-L09 WIFI 802.11a 104CH Front side 15mm Ant 1

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5520 MHz;Duty Cycle: 1:1

Medium: MSL5G;Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.784$  S/m;  $\epsilon_r = 47.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-1-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- 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/Body/Area Scan (11x19x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.146 W/kg

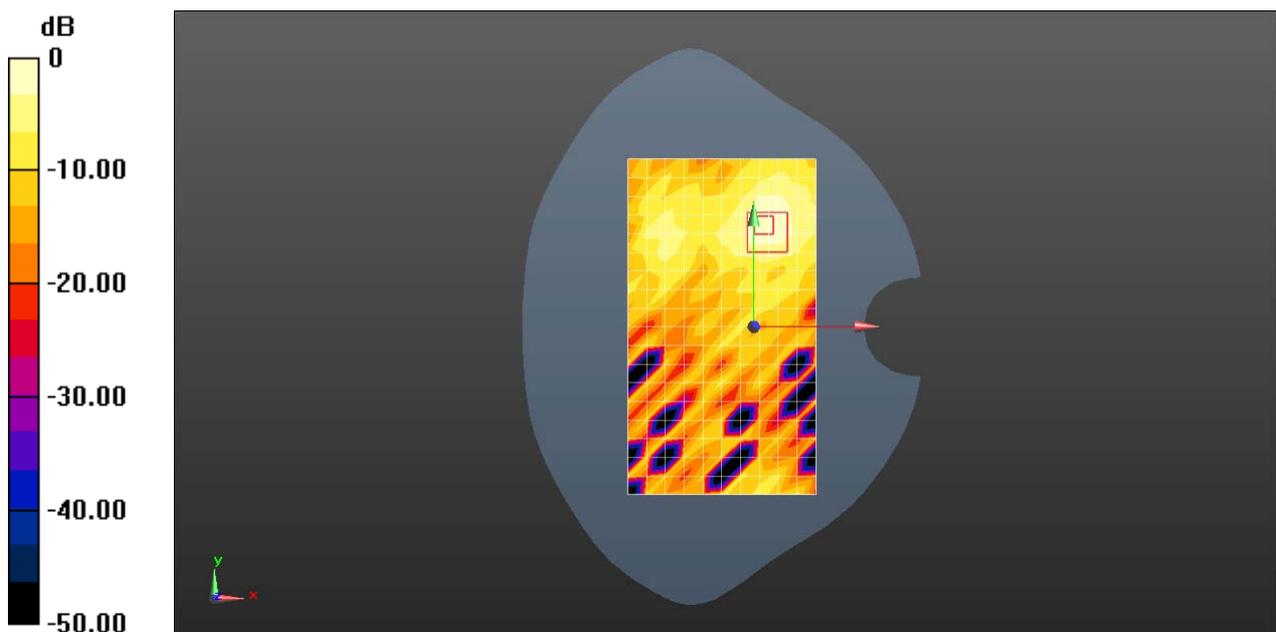
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.311 W/kg

**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 WIFI 802.11a 40CH Front side 10mm Ant 1

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL5G; Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.329$  S/m;  $\epsilon_r = 48.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.22, 5.22, 5.22); Calibrated: 2018-1-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- 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/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.156 W/kg

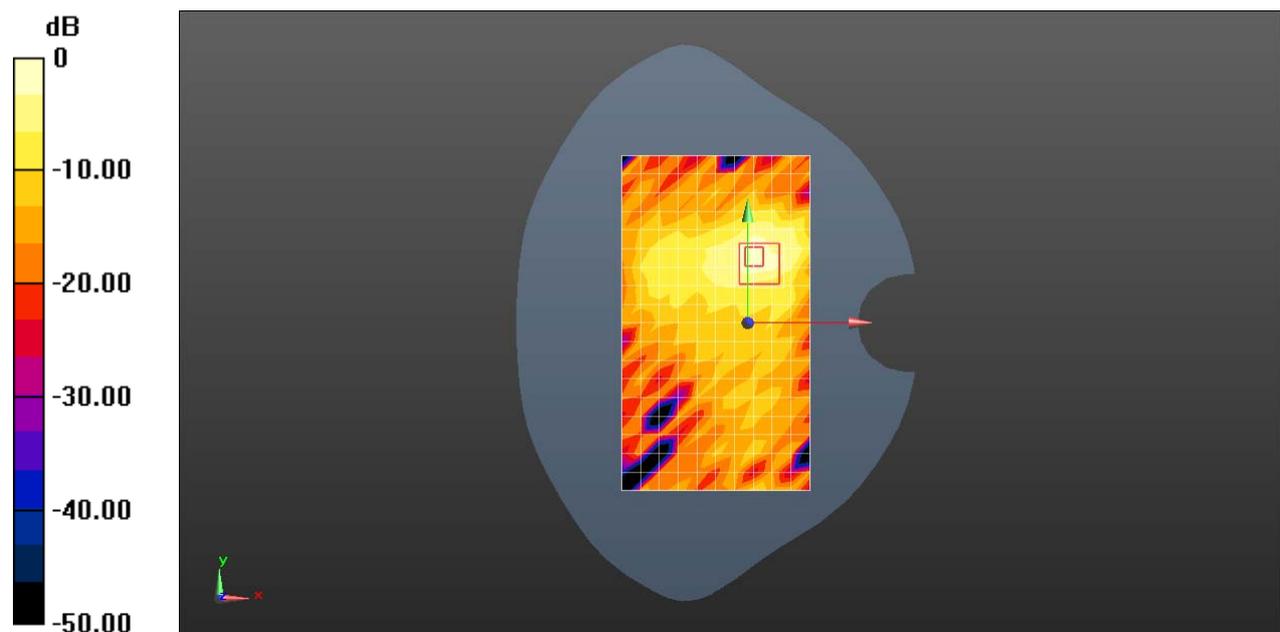
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 0.8190 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 Wifi 802.11b 11CH Right tilted Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000170**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 39.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.844 W/kg

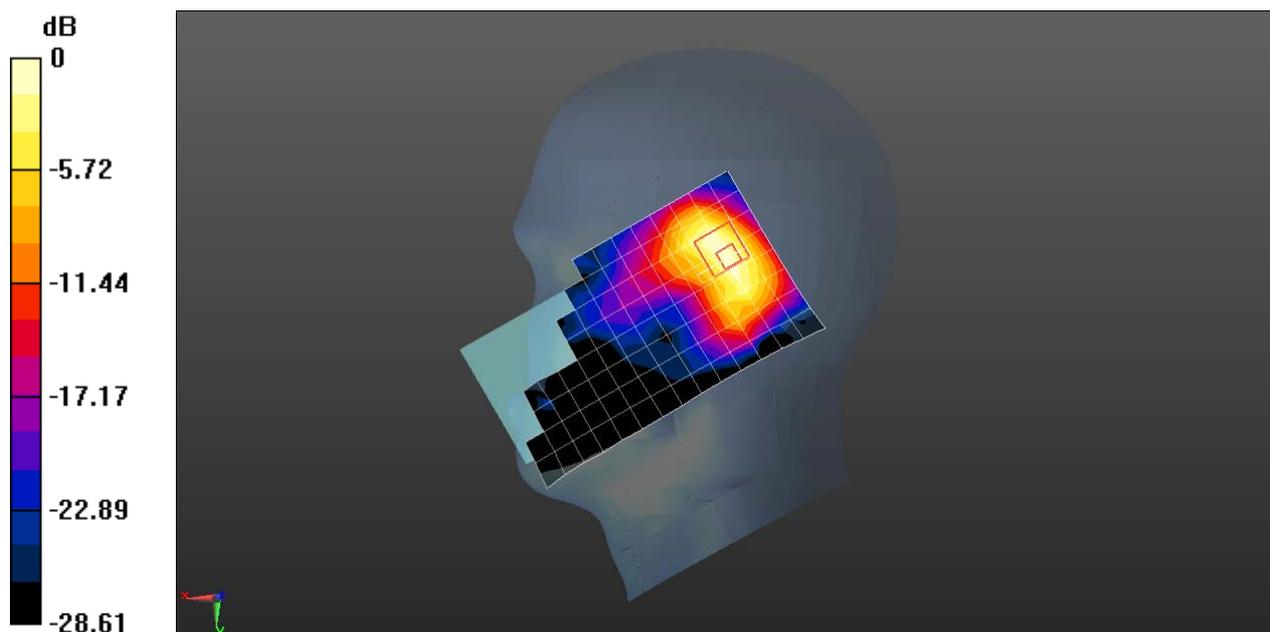
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.18 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.209 W/kg**

Maximum value of SAR (measured) = 0.807 W/kg



0 dB = 0.807 W/kg = -0.93 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 Wifi 802.11b 6CH Back side 15mm with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 52.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0702 W/kg

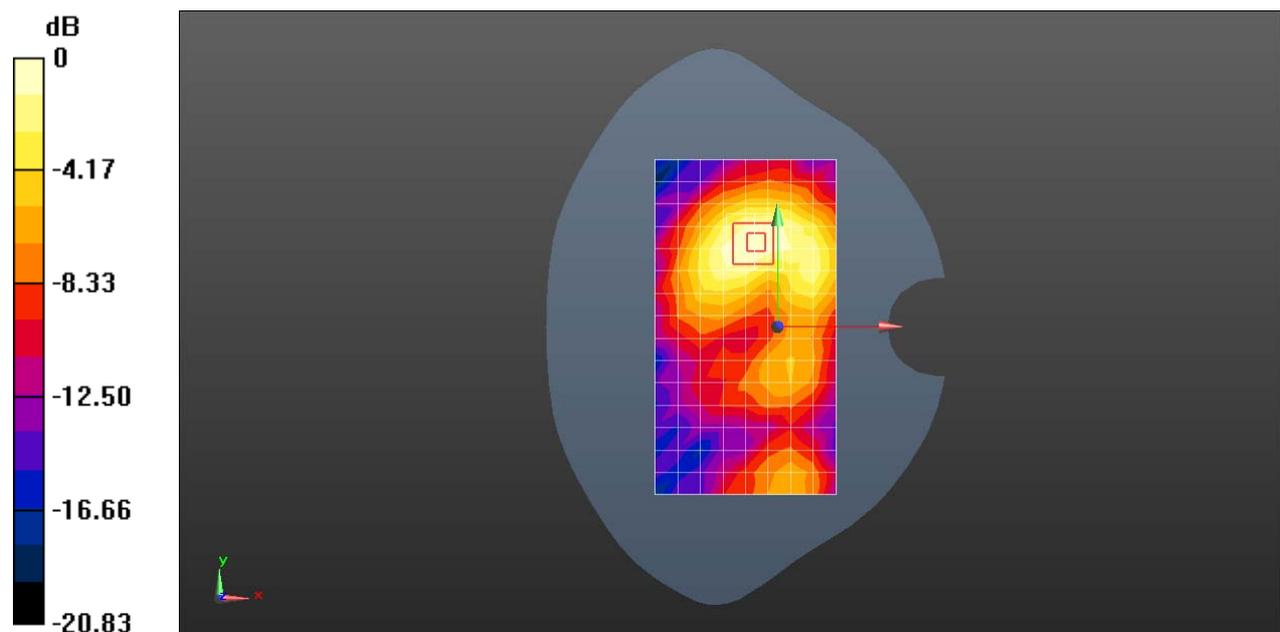
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.759 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0920 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0722 W/kg



0 dB = 0.0722 W/kg = -11.41 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 Wifi 802.11b 6CH Top side 10mm with Battery 2 Ant2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 52.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); 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/Body/Area Scan (5x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

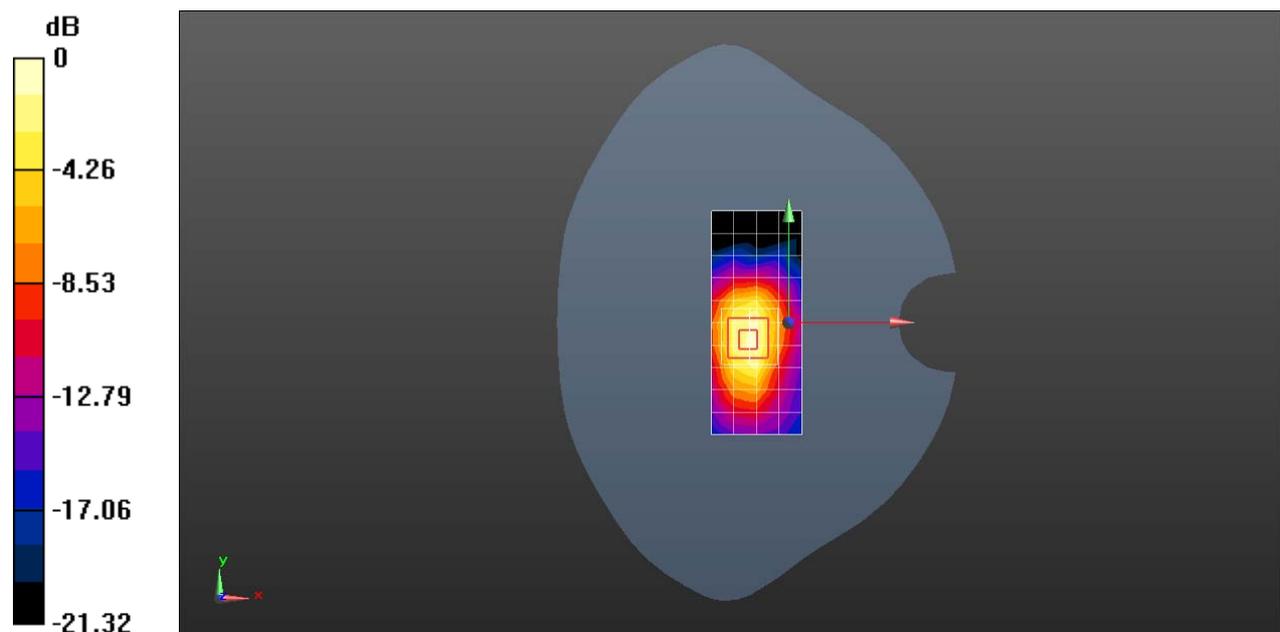
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.51 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.442 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 WIFI 802.11a 100CH Right cheek Ant 2 with Battery 2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000264**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.058$  S/m;  $\epsilon_r = 35.374$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.89, 4.89, 4.89); Calibrated: 2018-1-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- 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/Head/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.724 W/kg

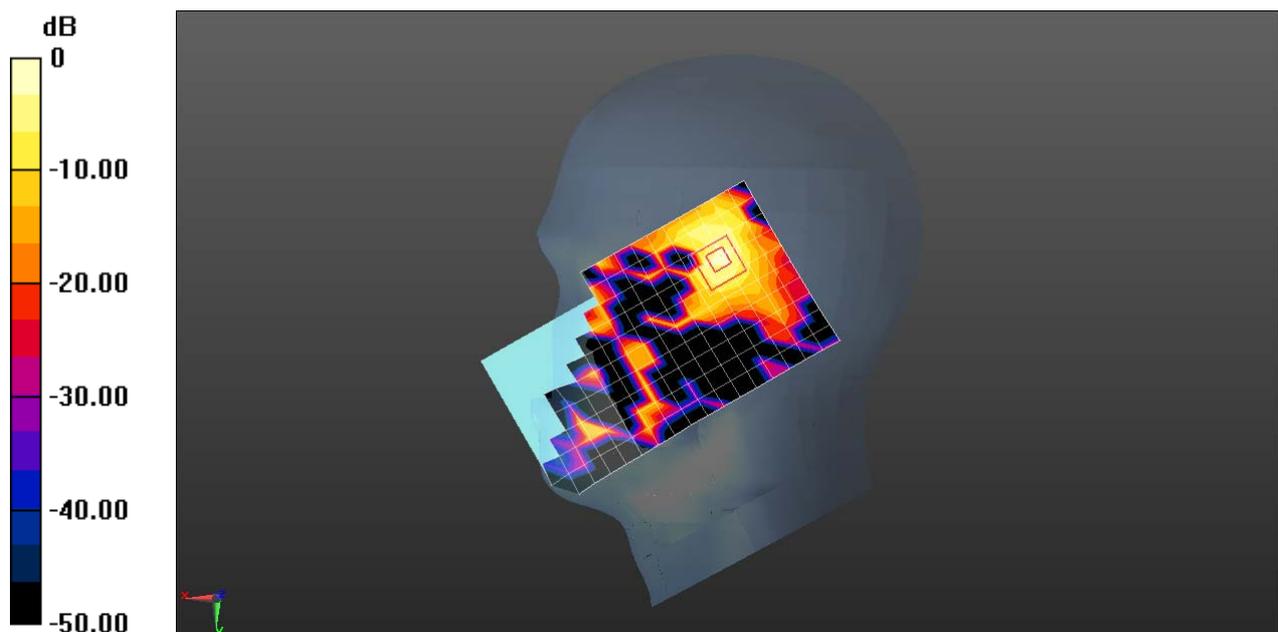
**Configuration/Head/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.033 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.074 W/kg**

Maximum value of SAR (measured) = 0.788 W/kg



0 dB = 0.788 W/kg = -1.03 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 WIFI 802.11a 157CH Back side 15mm Ant 2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium: MSL5G;Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.038$  S/m;  $\epsilon_r = 46.67$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.59, 4.59, 4.59); Calibrated: 2018-1-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- 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/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.0673 W/kg

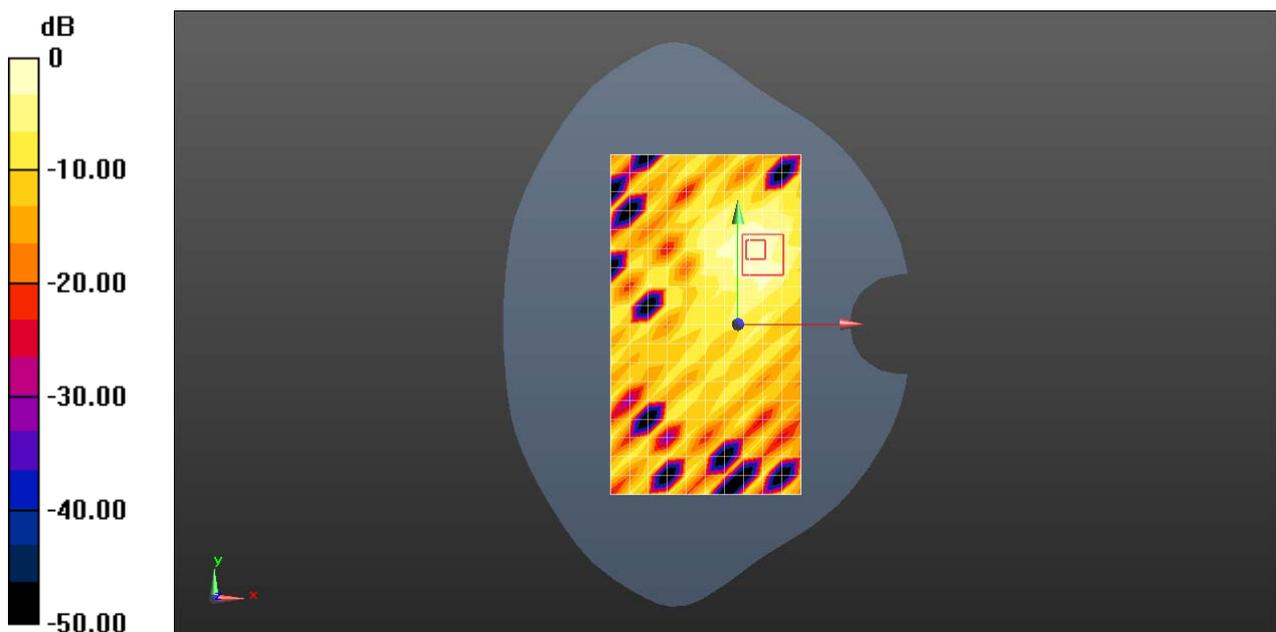
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 0.7120 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00776 W/kg**

Maximum value of SAR (measured) = 0.0668 W/kg



0 dB = 0.0668 W/kg = -11.75 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 WIFI 802.11a 157CH Back side 10mm Ant 2

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000176**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL5G; Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.989$  S/m;  $\epsilon_r = 46.67$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.59, 4.59, 4.59); Calibrated: 2018-1-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- 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/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.101 W/kg

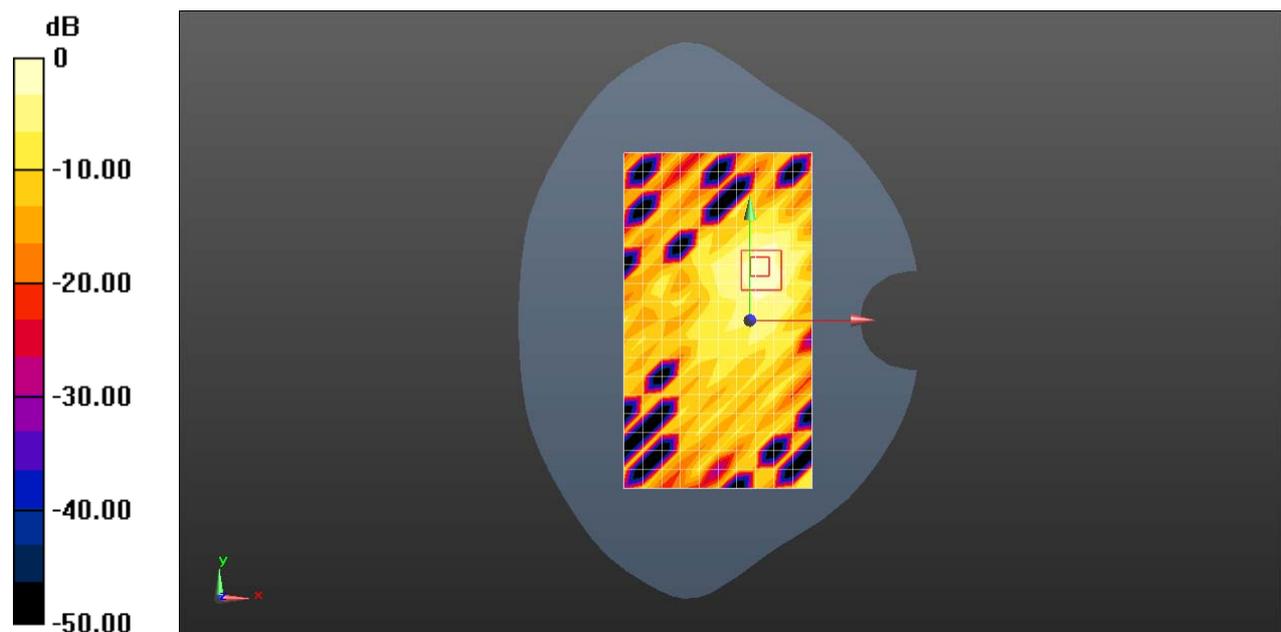
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.087 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.011 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

### EML-L09 BT DH5 39CH Left tilted with Battery 3

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

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

Medium: HSL2450; Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 39.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); 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/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.296 W/kg

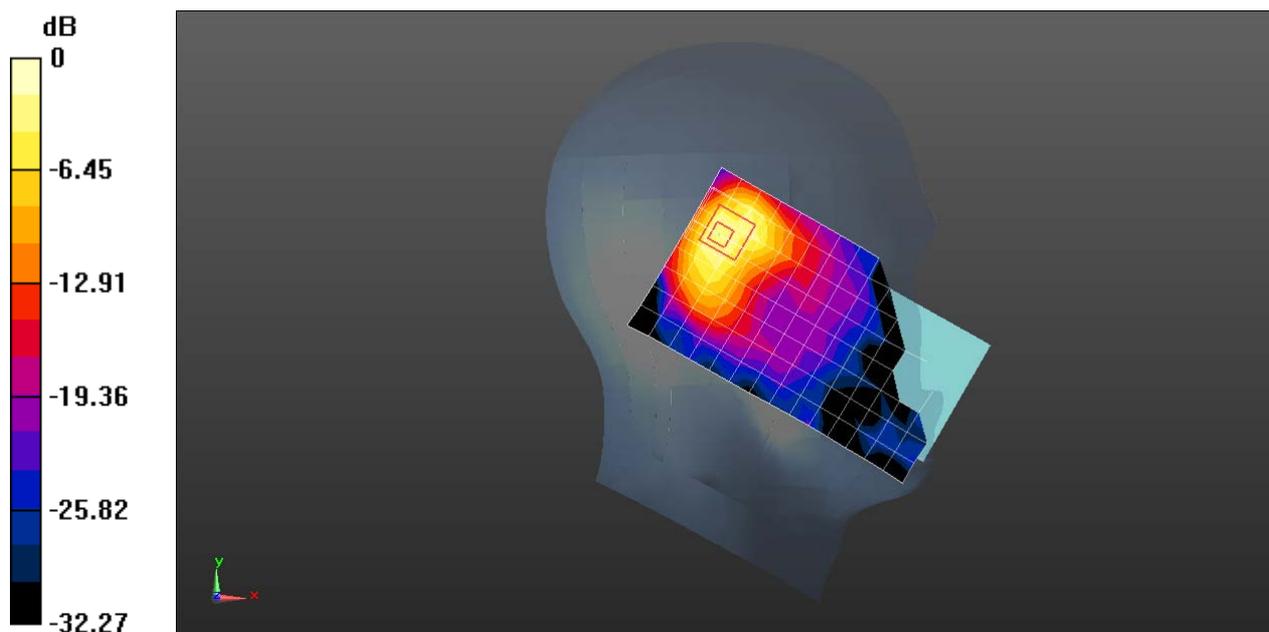
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.817 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

Test Laboratory: SGS-SAR Lab

## EML-L09 BT DH5 78CH Back side 15mm

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000179**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: MSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.011$  S/m;  $\epsilon_r = 52.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); 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/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0352 W/kg

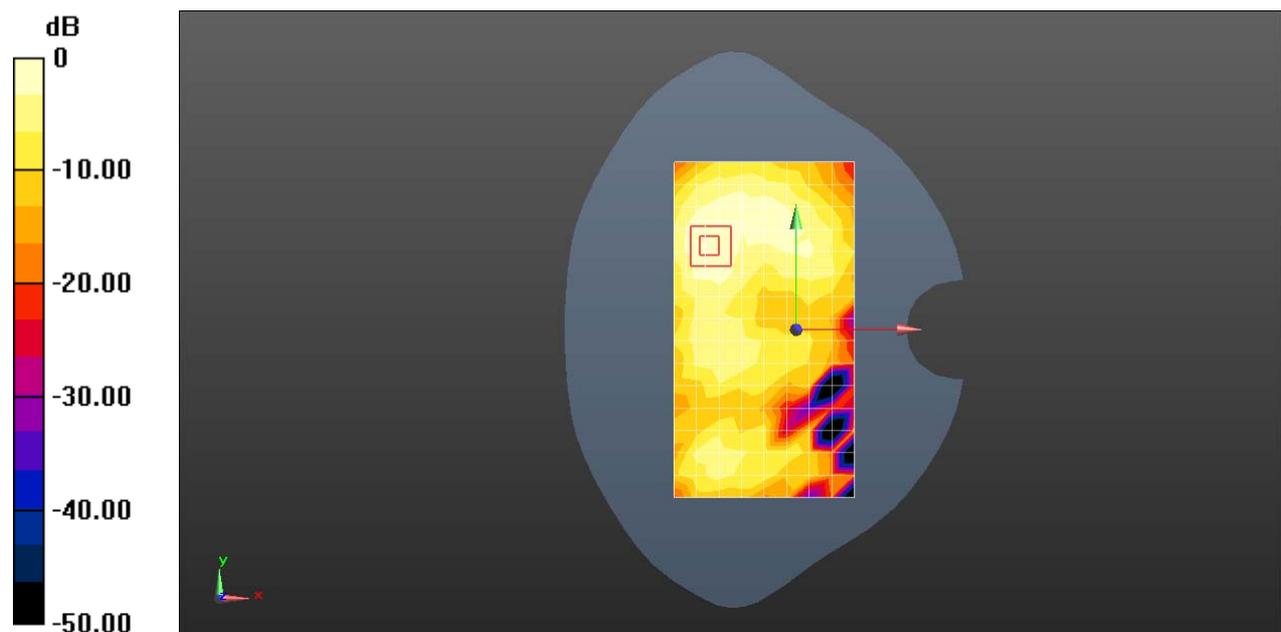
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.371 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0480 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00995 W/kg**

Maximum value of SAR (measured) = 0.0352 W/kg



0 dB = 0.0352 W/kg = -14.53 dBW/kg

Test Laboratory: SGS-SAR Lab

### EML-L09 BT DH5 78CH Top side 10mm with Battery 3

**DUT: EML-L09; Type: Smart Phone; Serial: AEJ0117C11000249**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: MSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.011$  S/m;  $\epsilon_r = 52.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); 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/Body/Area Scan (6x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.114 W/kg

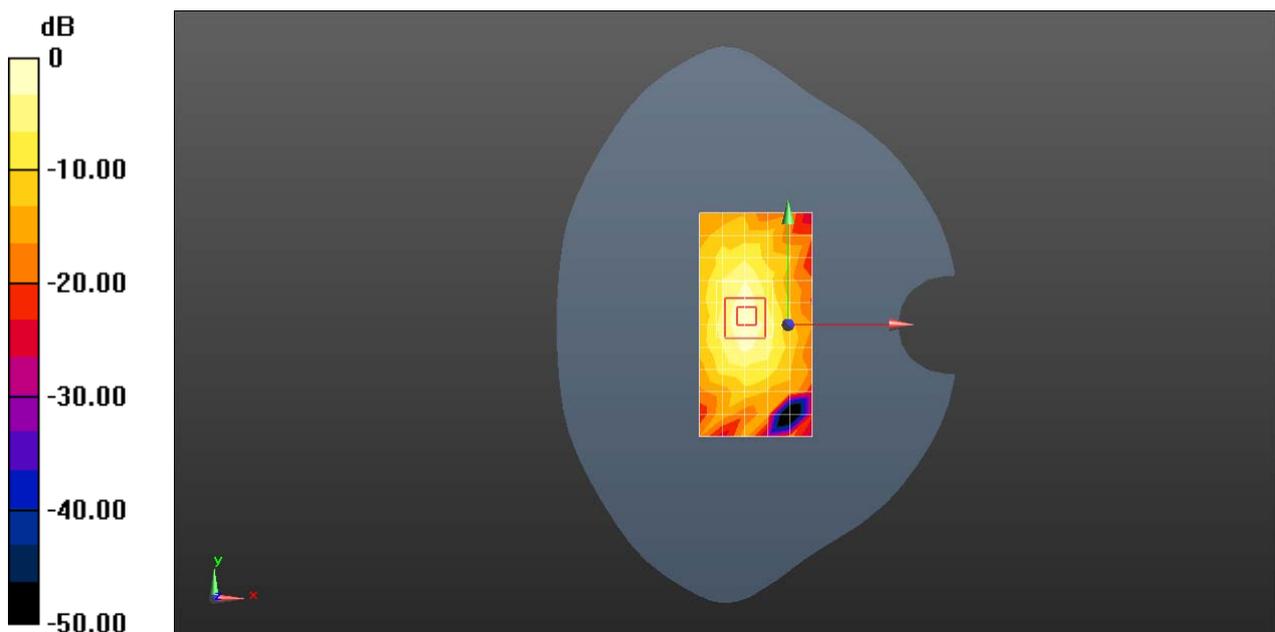
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.030 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.034 W/kg**

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg