



# Appendix B

## Detailed Test Results

|                              |
|------------------------------|
| 1. GSM                       |
| GSM850 for Head & Body       |
| GSM1900 for Head & Body      |
| 2. WCDMA                     |
| WCDMA Band V for Head & Body |
| 3.LTE                        |
| LTE Band 17 for Head & Body  |
| 4.WIFI                       |
| WIFI 2.4G for Head & Body    |
| WIFI 5G for Head & Body      |
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| BT for Head                  |

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 GSM850 190CH Right cheek

**DUT: JA32; Type: Smart Phone; Serial: 9937d616**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 43.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.66, 8.66, 8.66); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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) = 0.738 W/kg

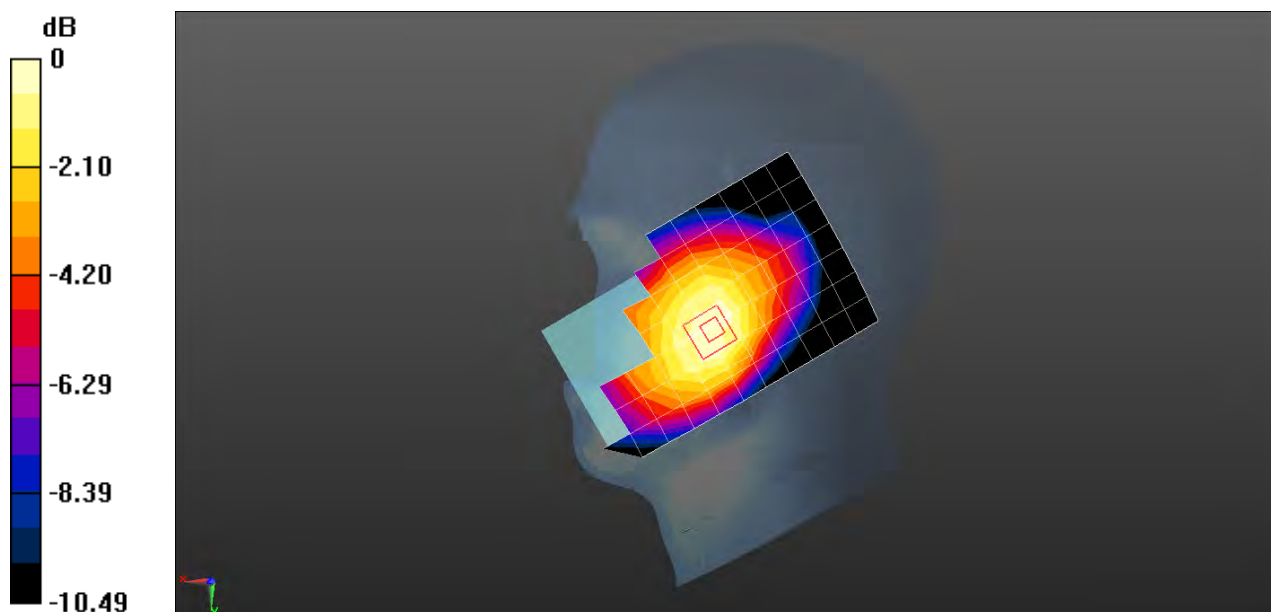
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.848 W/kg

**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.504 W/kg**

Maximum value of SAR (measured) = 0.758 W/kg



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

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 GSM850 GSM 190CH Front side 15mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: MSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 57.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.372 W/kg

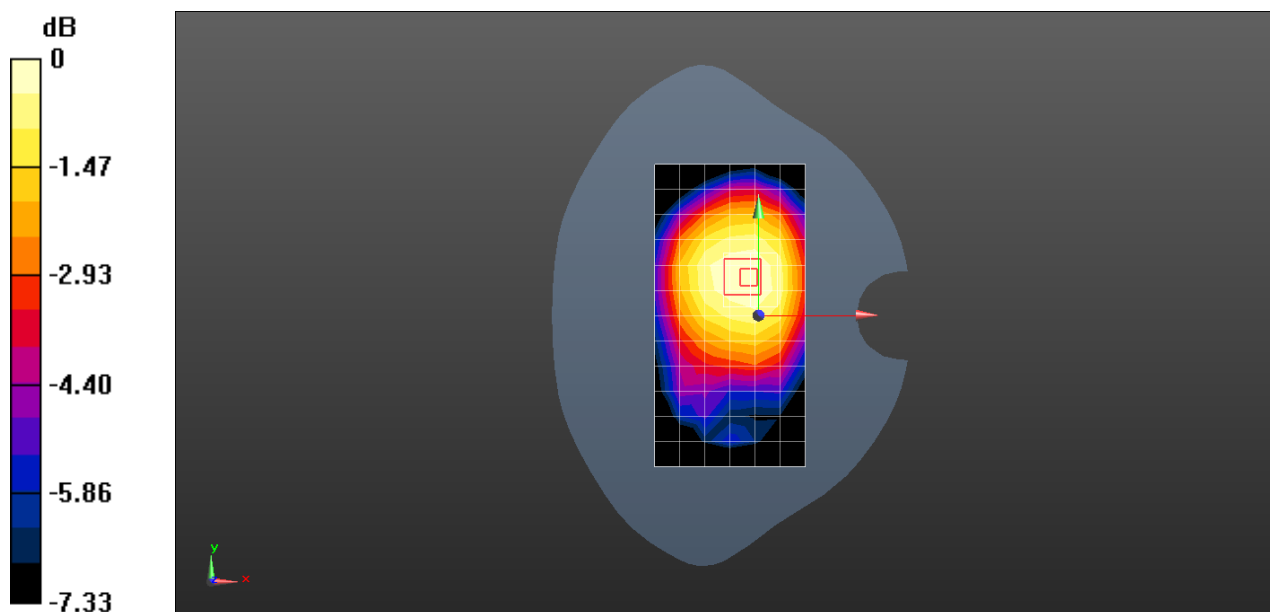
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.83 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.409 W/kg

**SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.263 W/kg**

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



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 GSM850 GPRS 2TS 190CH Back side 10mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954

Medium: MSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 57.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.480 W/kg

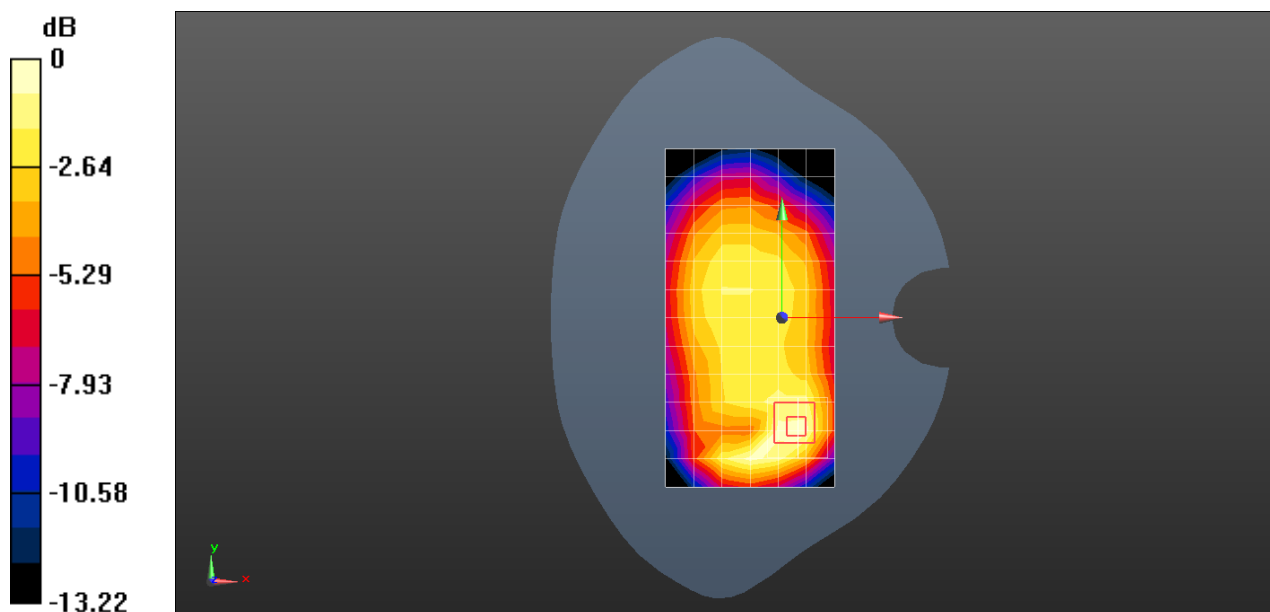
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.80 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.669 W/kg

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

Maximum value of SAR (measured) = 0.540 W/kg



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 GSM1900 GSM 661CH Left cheek

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.383$  S/m;  $\epsilon_r = 40.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; 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) = 0.256 W/kg

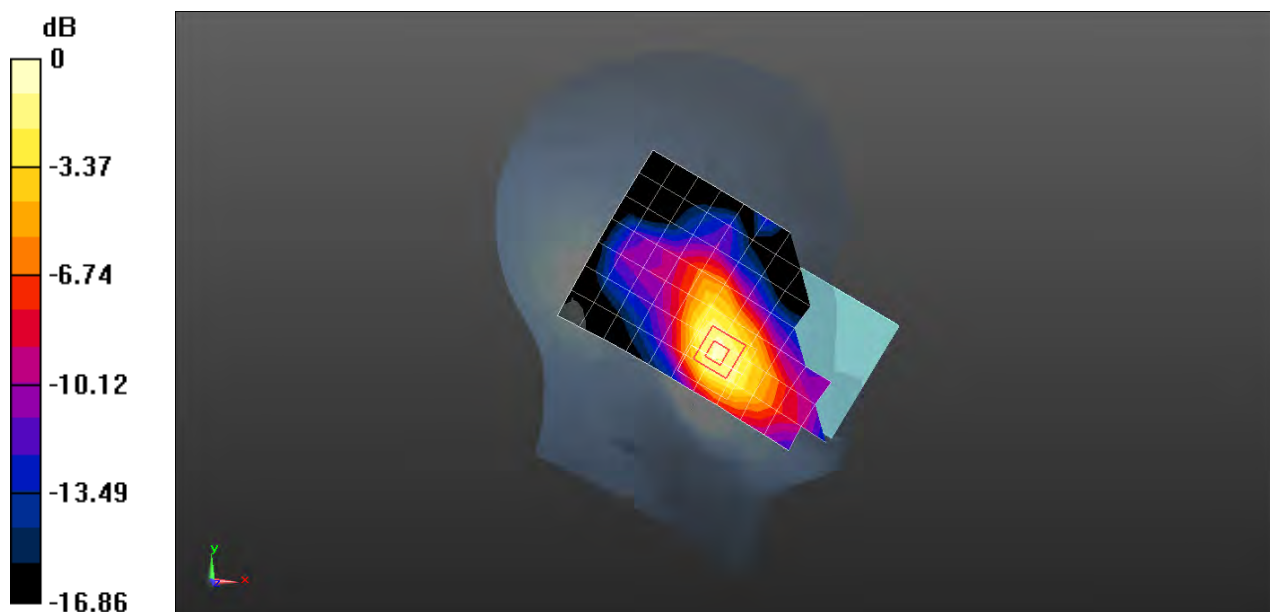
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.691 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.145 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 GSM1900 661CH Front side 15mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d616**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: MSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.481$  S/m;  $\epsilon_r = 52.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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) = 0.131 W/kg

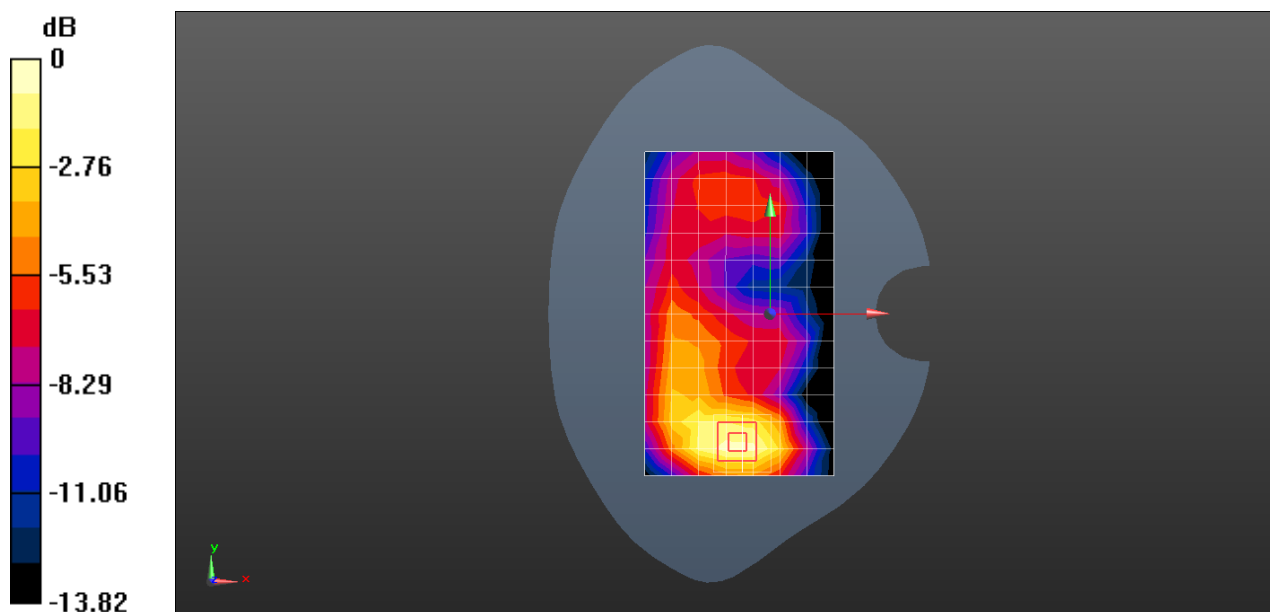
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.786 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.069 W/kg**

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



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 GSM1900 GPRS 2TS 661CH Bottom side 10mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d616**

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954

Medium: MSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.481$  S/m;  $\epsilon_r = 52.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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 (5x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.606 W/kg

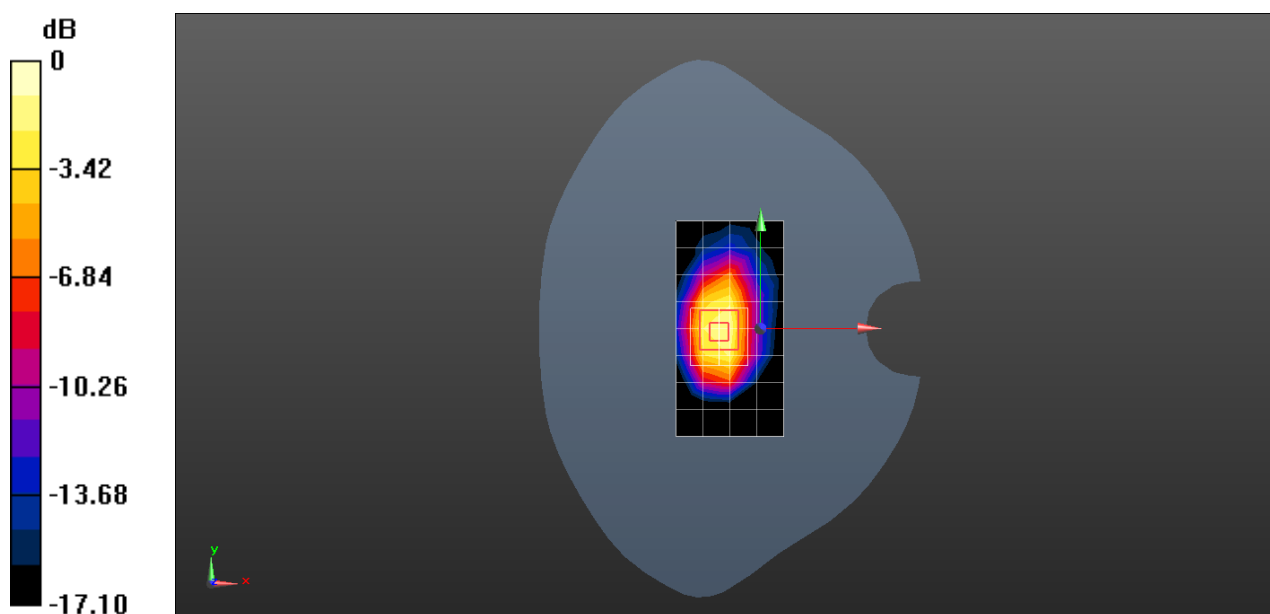
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.30 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.313 W/kg**

Maximum value of SAR (measured) = 0.767 W/kg



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 WCDMA Band V 4182CH Right cheek

**DUT: JA32; Type: Smart Phone; Serial: 9937d616**

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

Medium: HSL835; Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 43.198$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.66, 8.66, 8.66); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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) = 0.581 W/kg

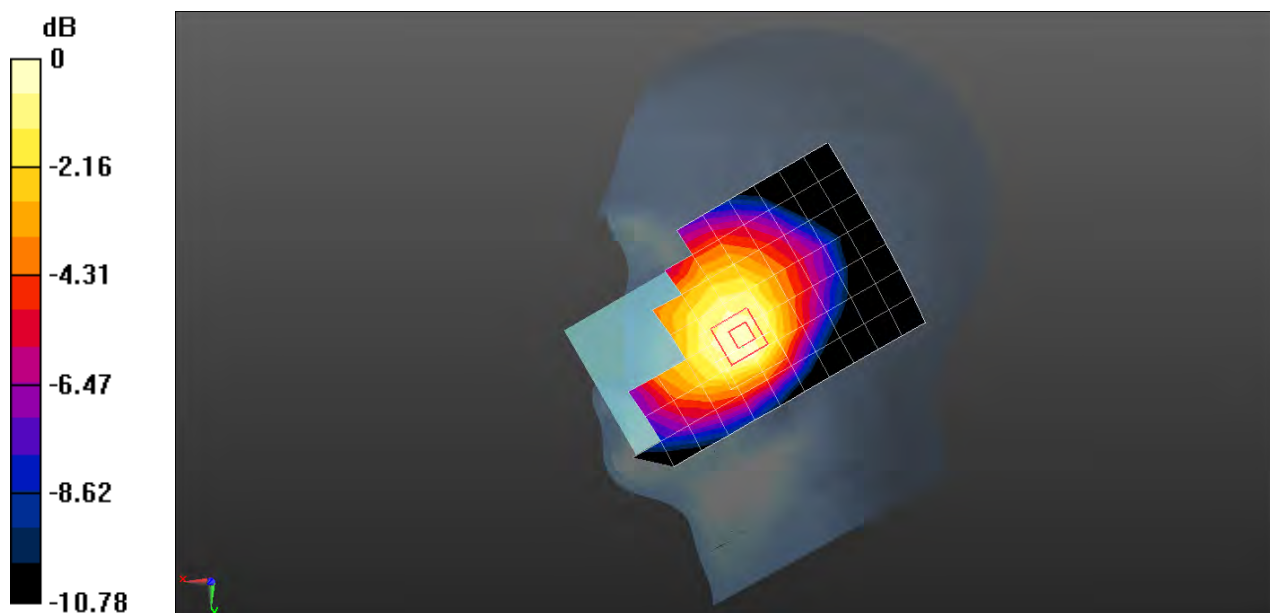
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.993 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.375 W/kg**

Maximum value of SAR (measured) = 0.583 W/kg



0 dB = 0.583 W/kg = -2.34 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 WCDMA Band V 4182CH Back side 15mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL835; Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 57.426$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; 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) = 0.502 W/kg

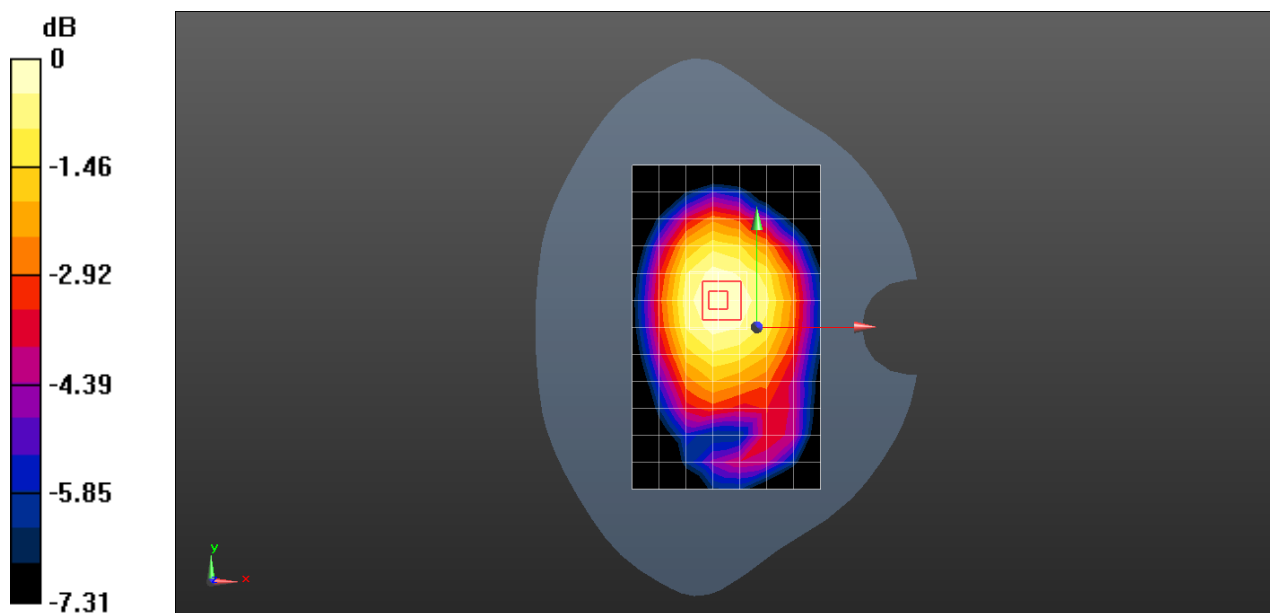
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.64 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.550 W/kg

**SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.344 W/kg**

Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 WCDMA Band V 4182CH Right side 10mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL835; Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 57.426$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.98, 9.98, 9.98); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.714 W/kg

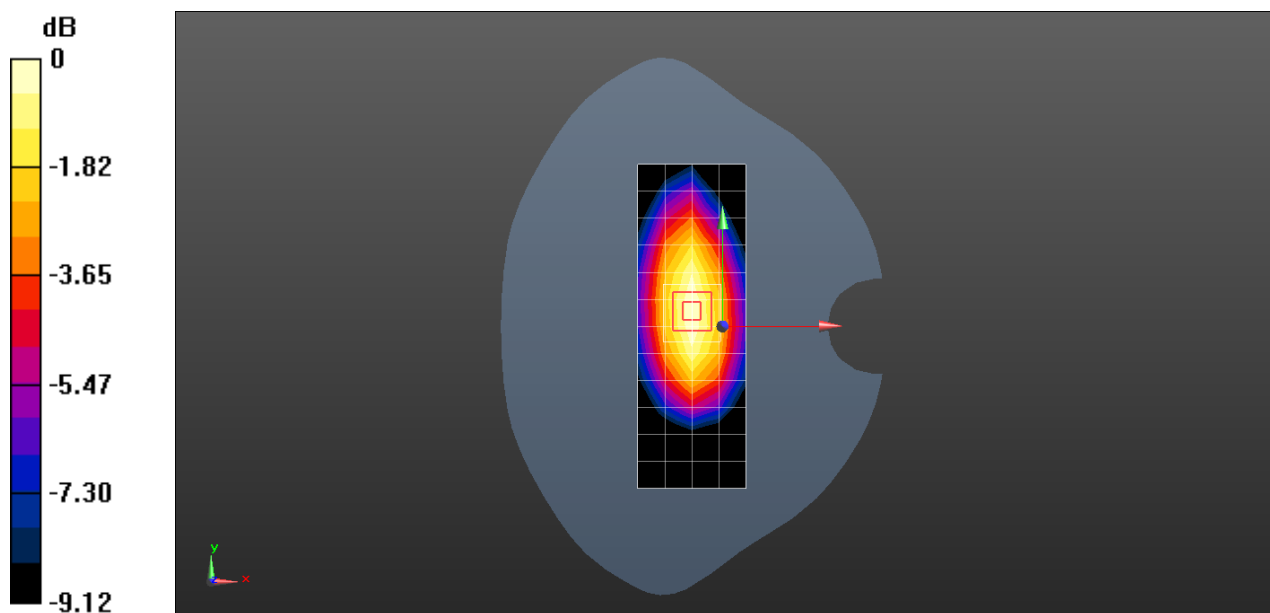
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 24.83 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.410 W/kg**

Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg = -1.43 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 LTE Band 17 QPSK 1RB49 Offset 23790CH Right cheek

**DUT: JA32; Type: Smart Phone; Serial: 9937d616**

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

Medium: HSL750; Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.834$  S/m;  $\epsilon_r = 44.003$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.93, 8.93, 8.93); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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) = 0.181 W/kg

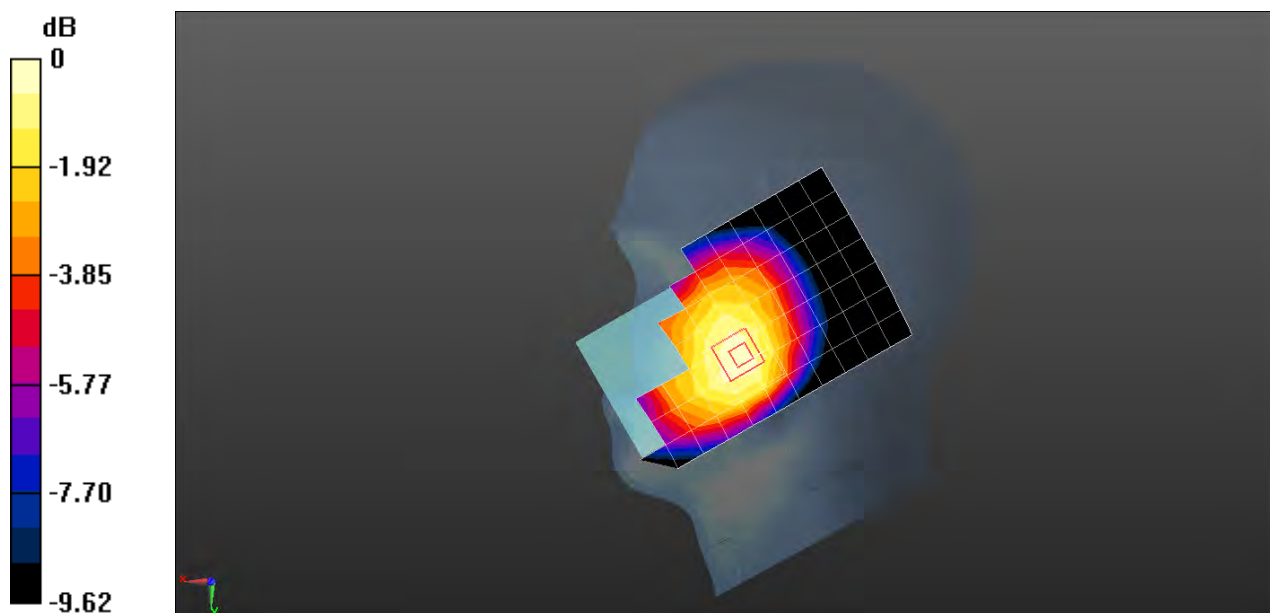
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.992 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg = -7.33 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 LTE Band 17 10M QPSK 1RB49 23790CH Back side 15mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL750;Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.926 \text{ S/m}$ ;  $\epsilon_r = 57.856$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.37, 10.37, 10.37); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) =  $0.280 \text{ W/kg}$

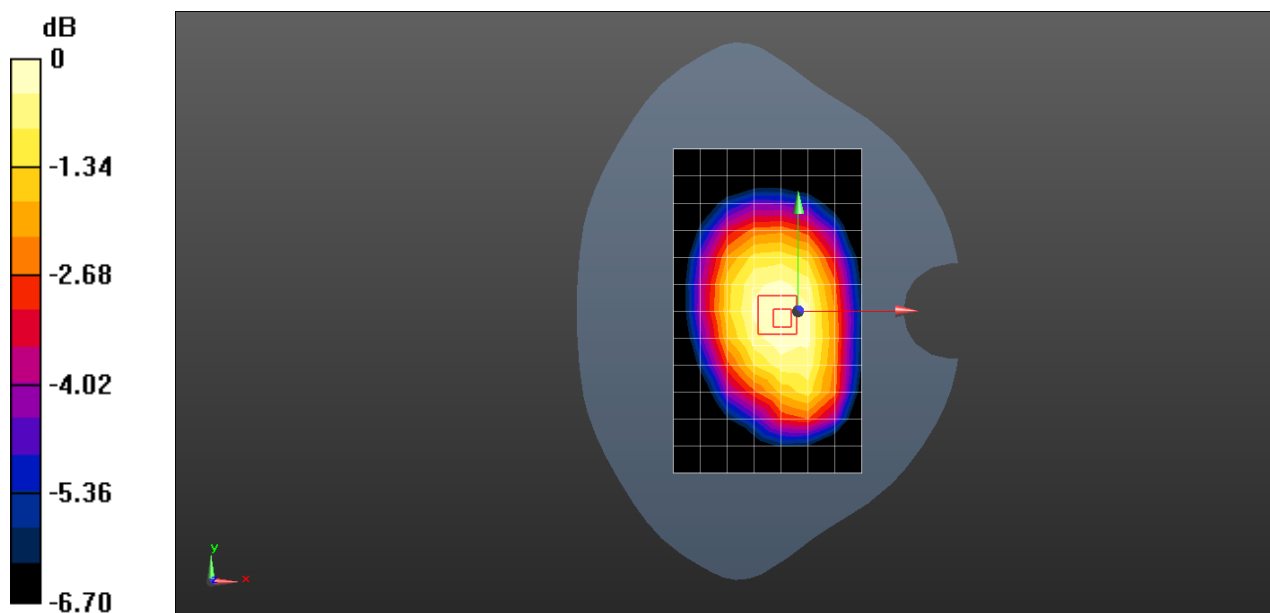
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.63 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.303 \text{ W/kg}$

**SAR(1 g) =  $0.251 \text{ W/kg}$ ; SAR(10 g) =  $0.200 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.282 \text{ W/kg}$



0 dB =  $0.282 \text{ W/kg}$  =  $-5.50 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 LTE Band 17 10M QPSK 1RB49 23790CH Back side 10mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL750;Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.926 \text{ S/m}$ ;  $\epsilon_r = 57.856$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.37, 10.37, 10.37); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) =  $0.300 \text{ W/kg}$

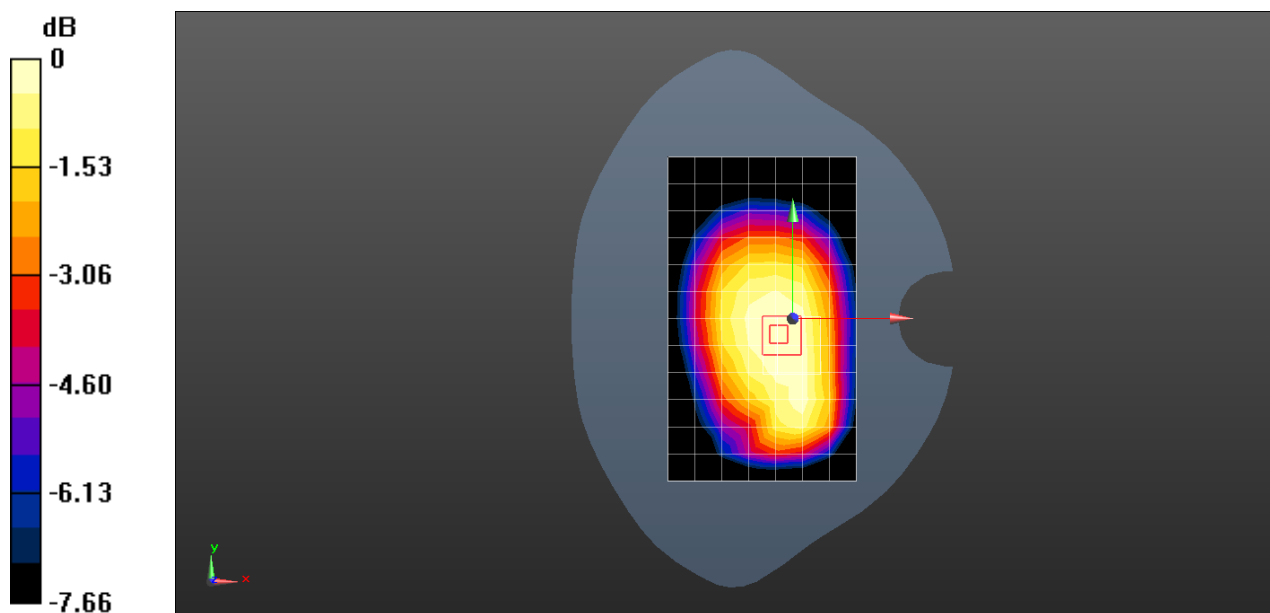
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.10 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.325 \text{ W/kg}$

**SAR(1 g) =  $0.271 \text{ W/kg}$ ; SAR(10 g) =  $0.215 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.301 \text{ W/kg}$



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11b 11CH Left tilted

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.814$  S/m;  $\epsilon_r = 40.145$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.01, 7.01, 7.01); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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) = 0.415 W/kg

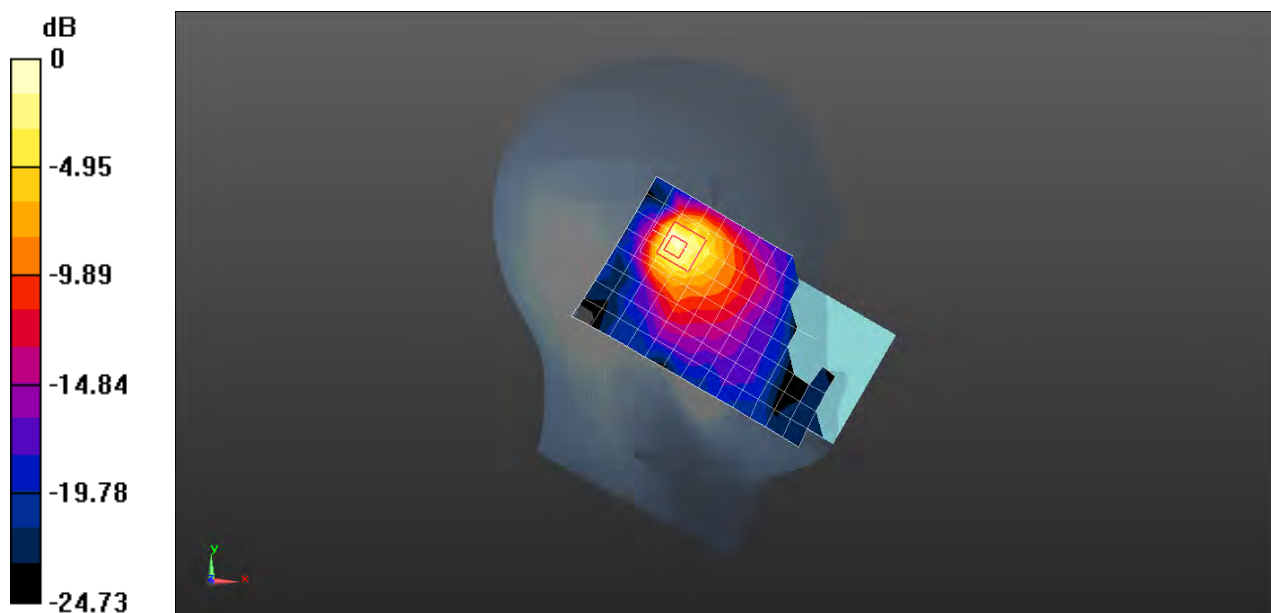
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.704 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.863 W/kg

**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.156 W/kg**

Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11b 11CH Front side 15mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL2450; Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.998$  S/m;  $\epsilon_r = 50.357$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- Phantom: ELI V5.0; Type: ELI; Serial: 1123
- 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) = 0.0431 W/kg

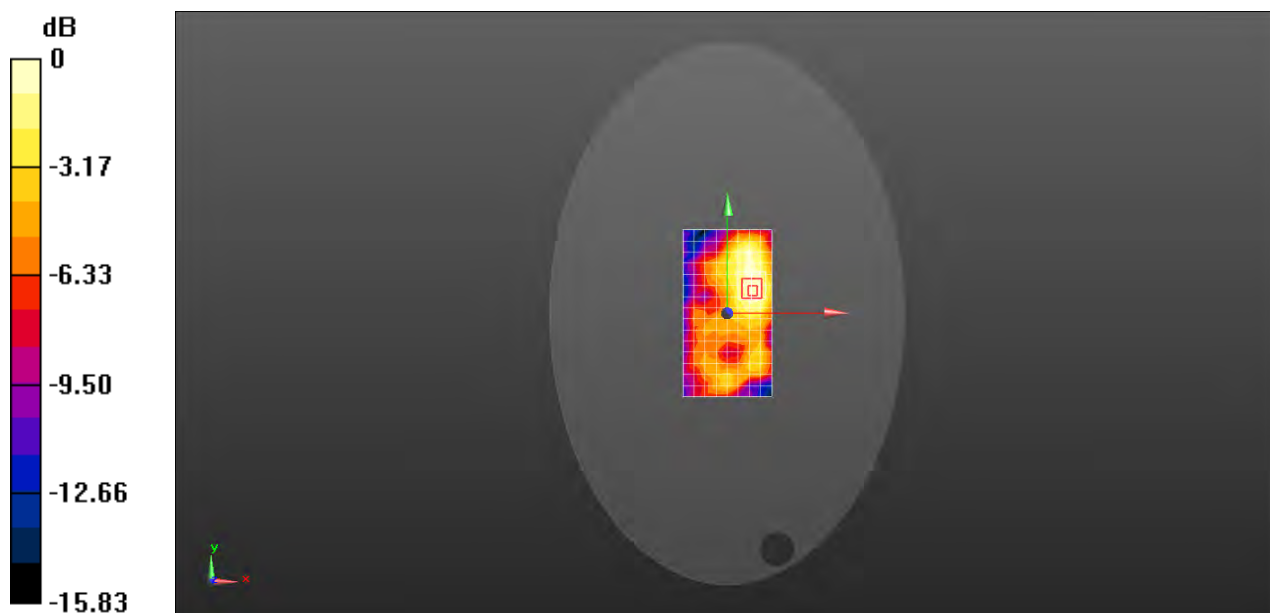
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.465 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0570 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0452 W/kg



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11b 11CH Right side 10mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL2450; Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.998$  S/m;  $\epsilon_r = 50.357$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- Phantom: ELI V5.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.112 W/kg

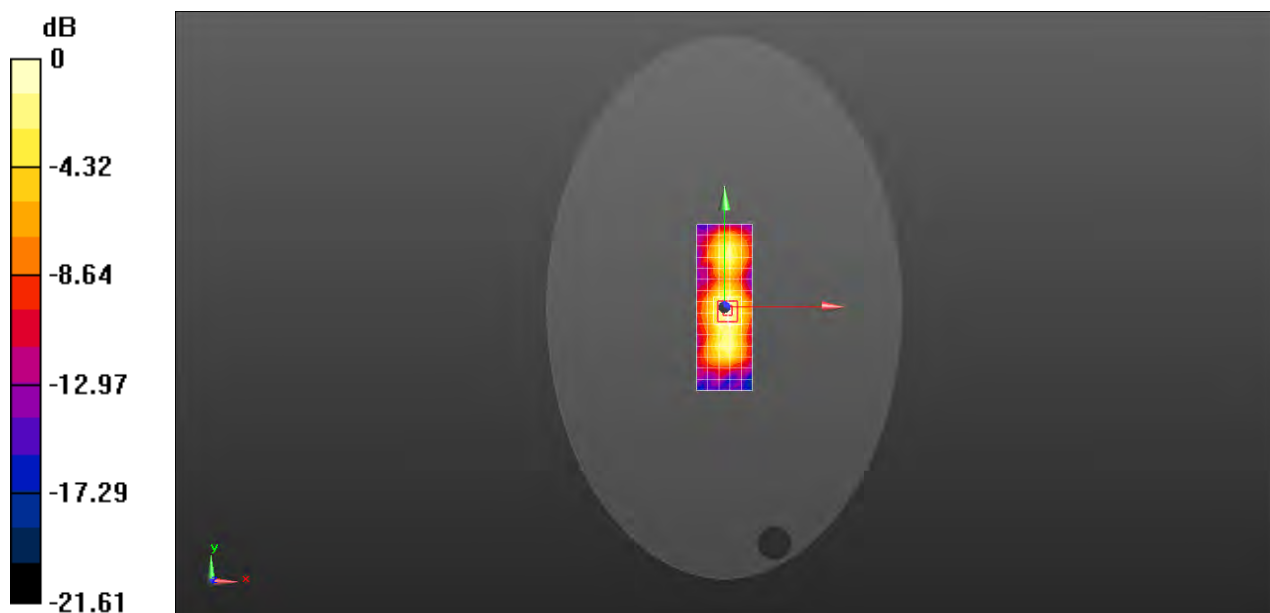
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.536 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.143 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11a 52CH Left cheek

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL5GHz; Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.765$  S/m;  $\epsilon_r = 36.016$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.68, 5.68, 5.68); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 2; Type: SAM V4.0; Serial: 1640
- 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) = 1.34 W/kg

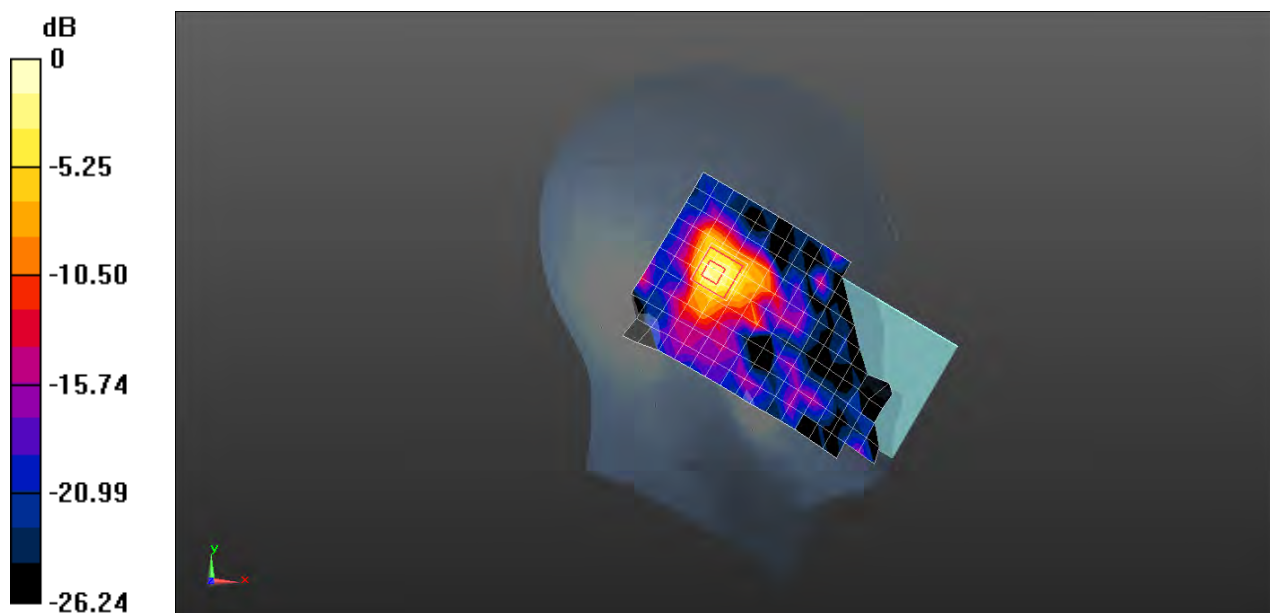
**Configuration/Head/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 11.89 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.46 W/kg

**SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11a 100CH Front side 15mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL5GHz; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.694$  S/m;  $\epsilon_r = 47.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: ELI V5.0; Type: ELI; Serial: 1123
- 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) = 0.0852 W/kg

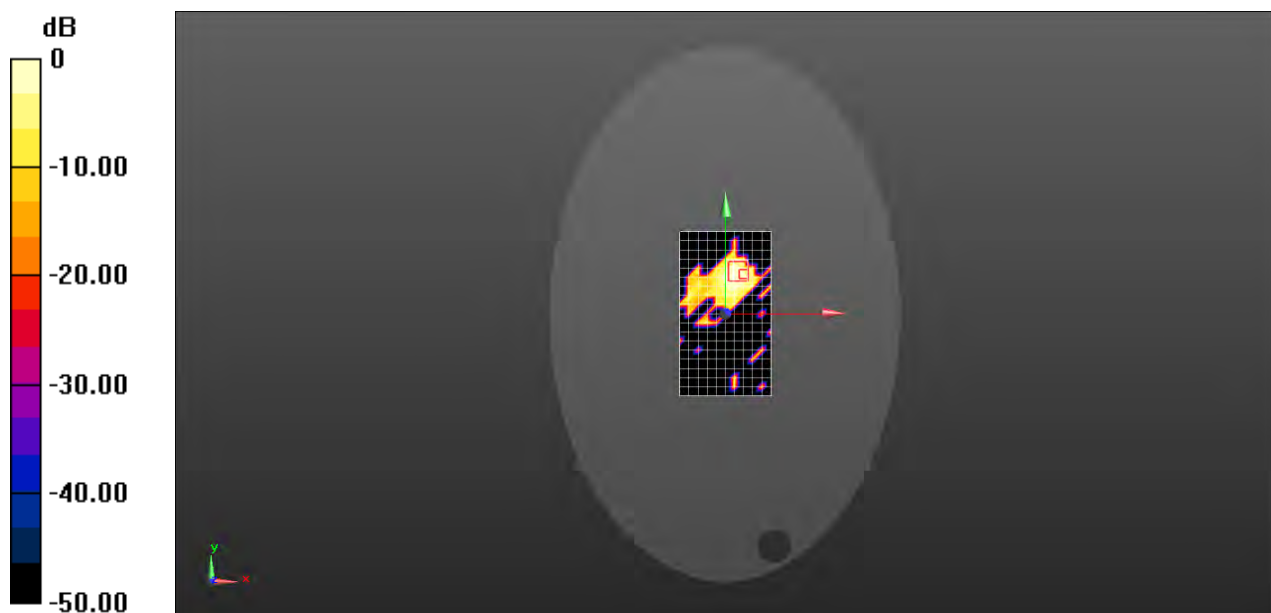
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00415 W/kg**

Maximum value of SAR (measured) = 0.0858 W/kg



0 dB = 0.0858 W/kg = -10.67 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11a 36CH Back side 10mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL5GHz; Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.305 \text{ S/m}$ ;  $\epsilon_r = 48.521$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.22, 5.22, 5.22); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: ELI V5.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.130 \text{ W/kg}$

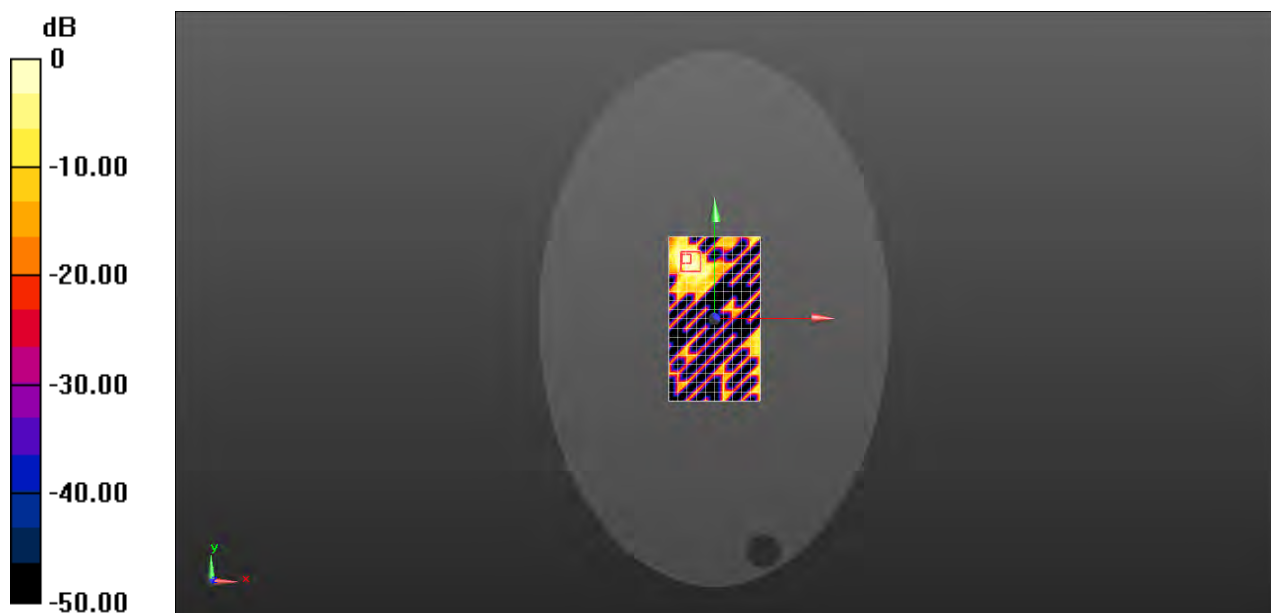
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value =  $1.990 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.419 \text{ W/kg}$

**SAR(1 g) =  $0.026 \text{ W/kg}$ ; SAR(10 g) =  $0.00903 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.138 \text{ W/kg}$



0 dB =  $0.138 \text{ W/kg}$  =  $-8.60 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 802.11a 100CH Front side 0mm

**DUT: JA32; Type: Smart Phone; Serial: 9937d653**

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

Medium: MSL5GHz;Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.694$  S/m;  $\epsilon_r = 47.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -2.0, 23.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: ELI V5.0; Type: ELI; Serial: 1123
- 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) = 2.82 W/kg

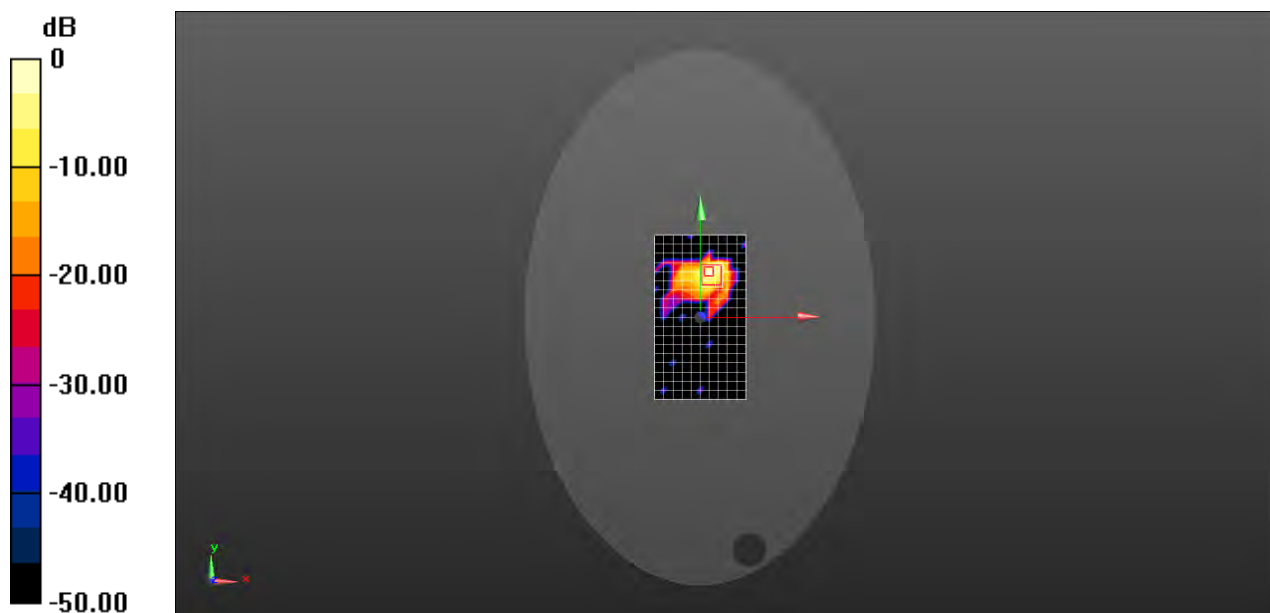
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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

Peak SAR (extrapolated) = 6.85 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.26 W/kg = 5.13 dBW/kg

Test Laboratory: SGS-SAR Lab

## Kyocera JA32 BT DH5 0CH Left cheek

**DUT: JA32; Type: Smart Phone; Serial: 9937d616**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.747$  S/m;  $\epsilon_r = 40.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.01, 7.01, 7.01); Calibrated: 2018-02-08;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-11-28
- 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) = 0.127 W/kg

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

Reference Value = 4.044 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.166 W/kg

