

Test Plots

DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Left Touch, GSM 850 Ch.190, Ant Internal, Standard Battery

Area Scan (10x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.360 W/kg

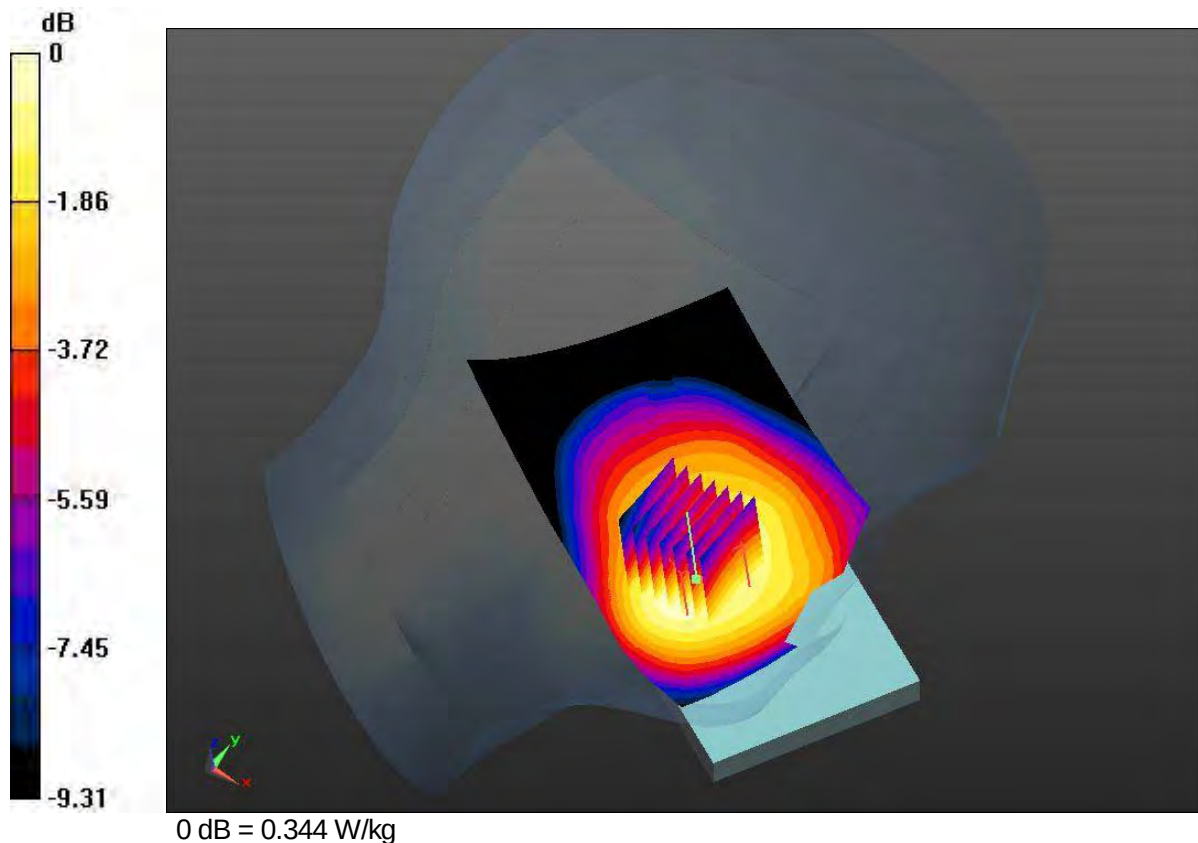
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.628 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.227 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Touch, GSM 850 Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

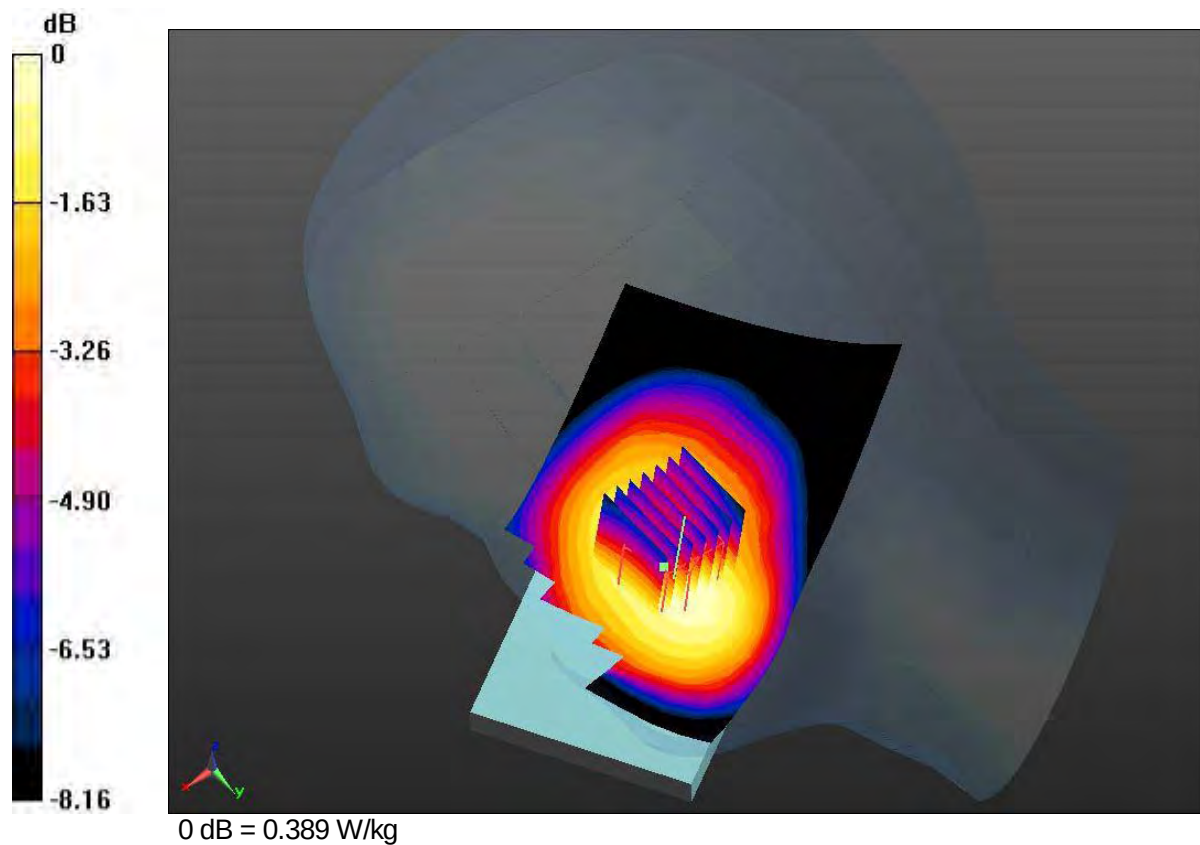
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.62 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.389 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Left Tilt, GSM 850 Ch.190, Ant Internal, Standard Battery

Area Scan (10x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

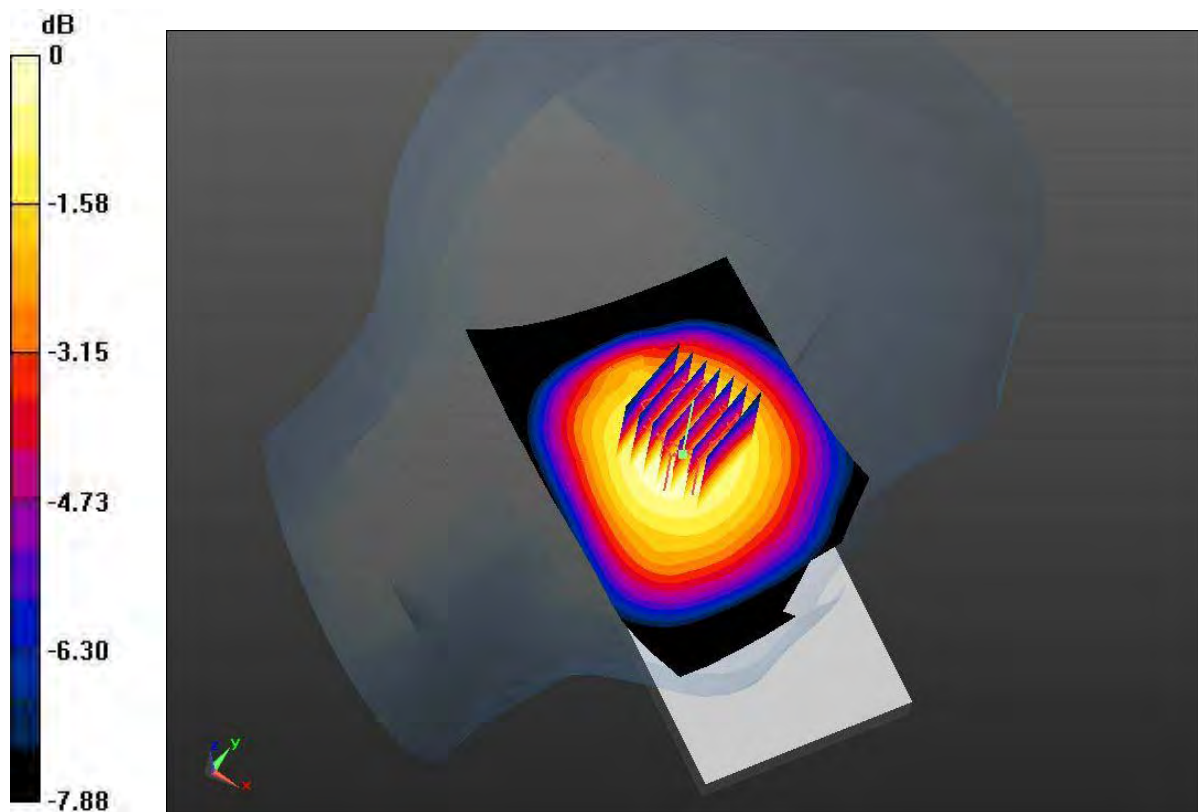
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.71 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.241 W/kg

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



0 dB = 0.358 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$, 31.0

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.420 W/kg

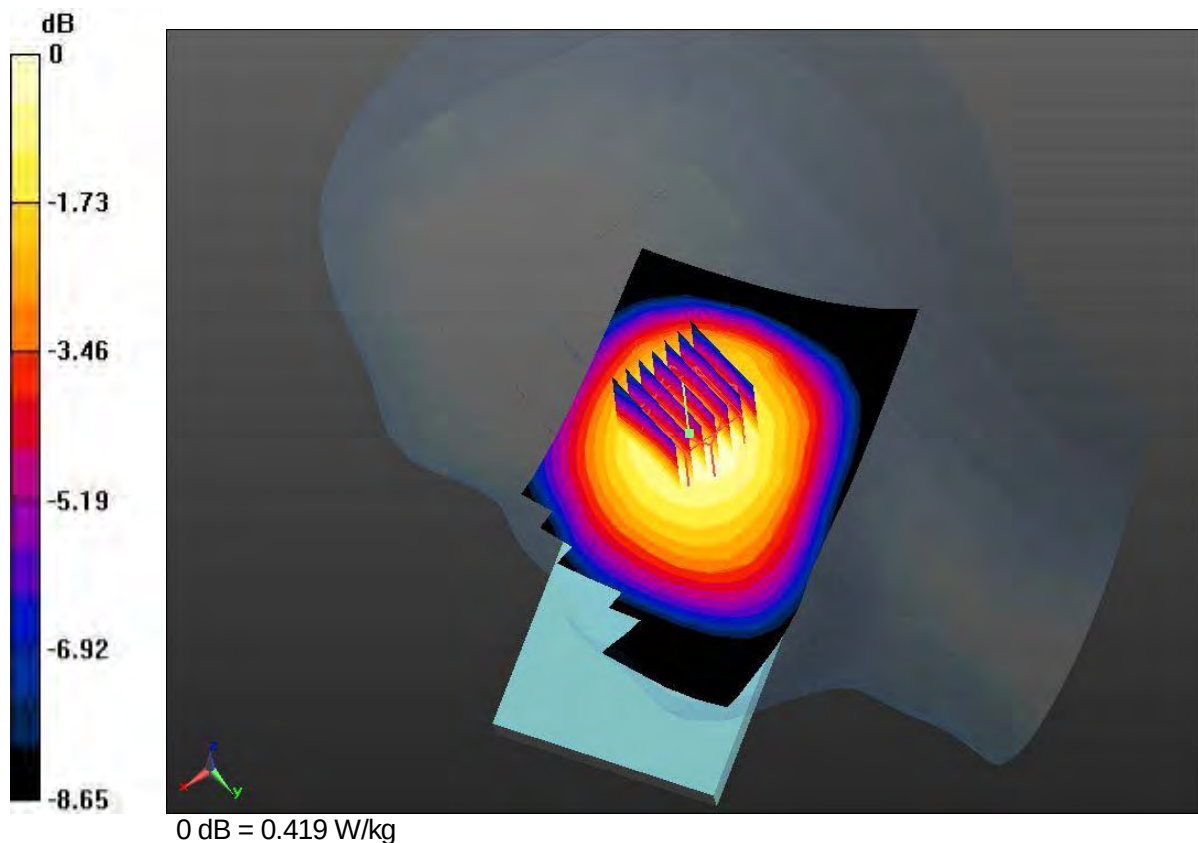
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.419 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$, 31.0

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.420 W/kg

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

Reference Value = 16.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.419 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$, 31.0

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 GPRS 1Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.430 W/kg

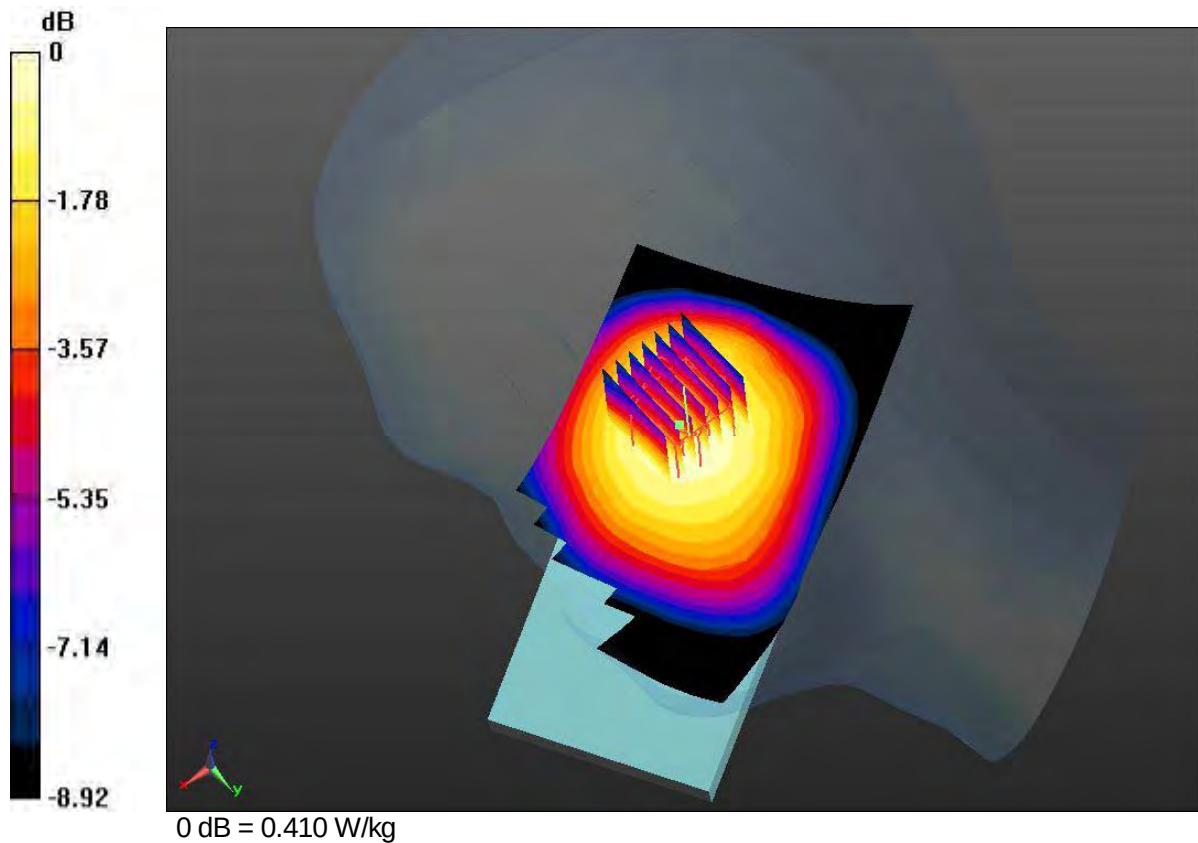
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.81 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.448 W/kg

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

Maximum value of SAR (measured) = 0.410 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$, 31.0

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 GPRS 2Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.737 W/kg

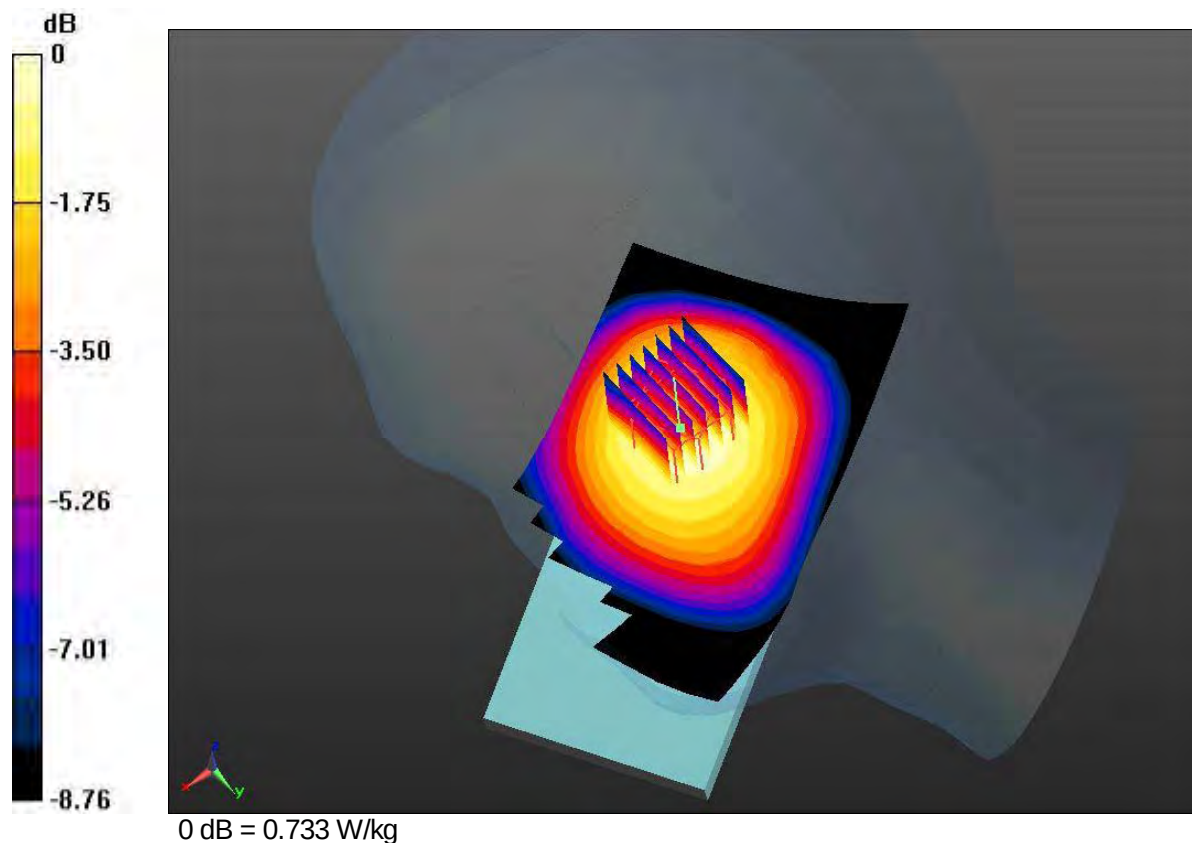
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.16 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.479 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$, 31.0

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 GPRS 3Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.537 W/kg

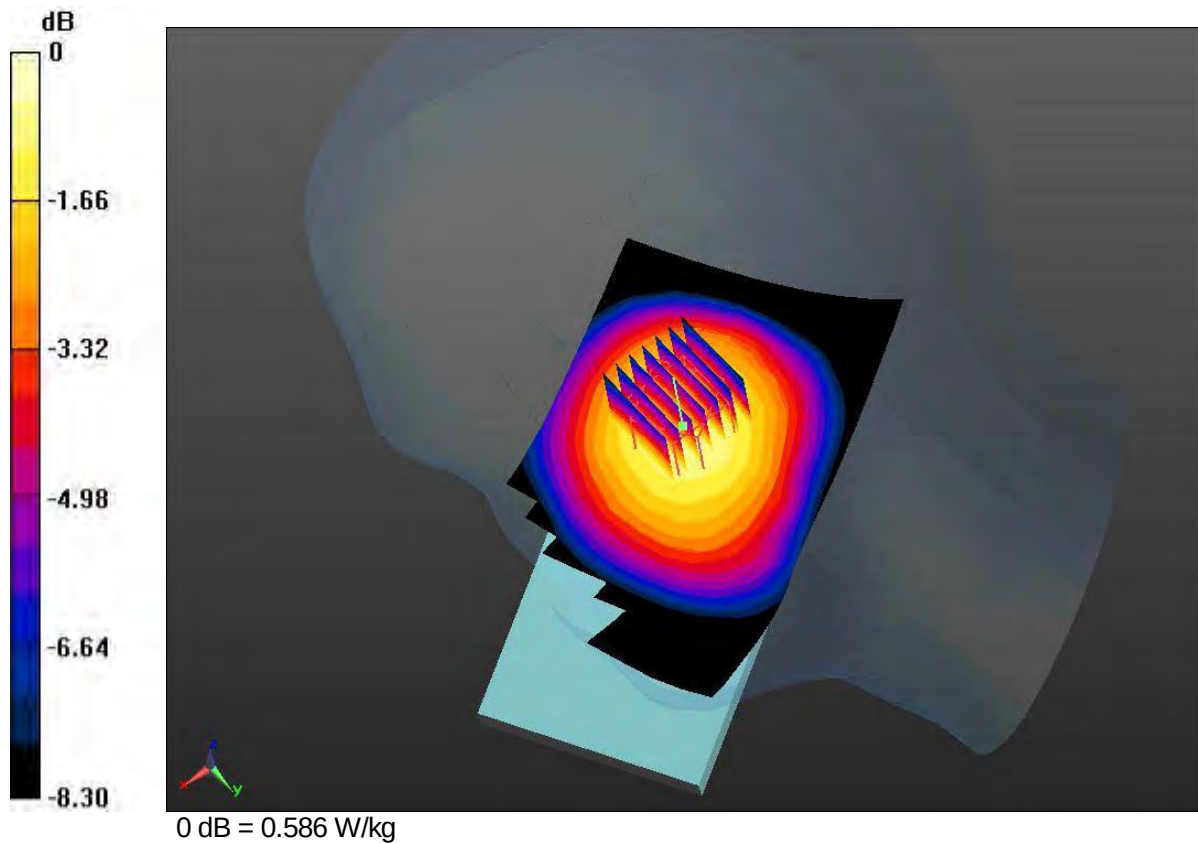
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.06 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.387 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0$, 31.0

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 GPRS 4Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.568 W/kg

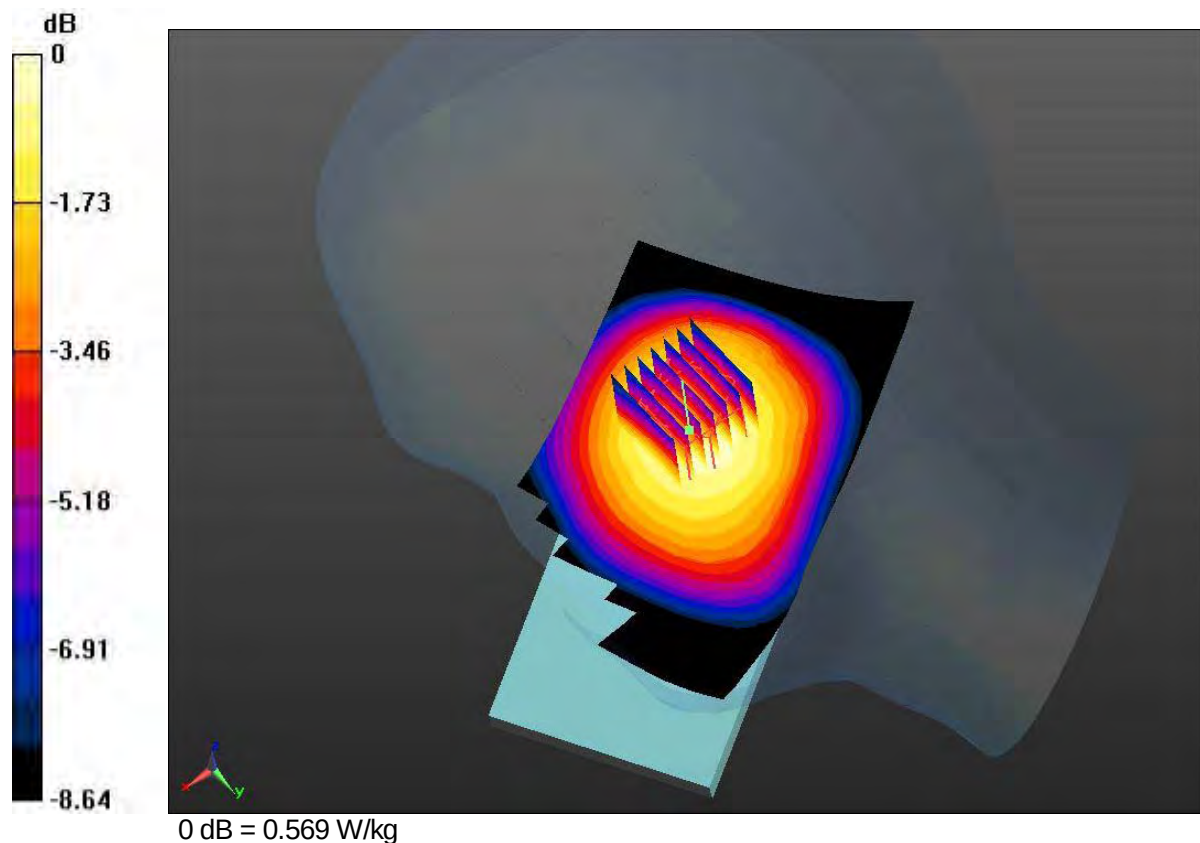
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.370 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.0; Tissue Temp: 23.0

Left Touch, GSM 850 GPRS 2Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

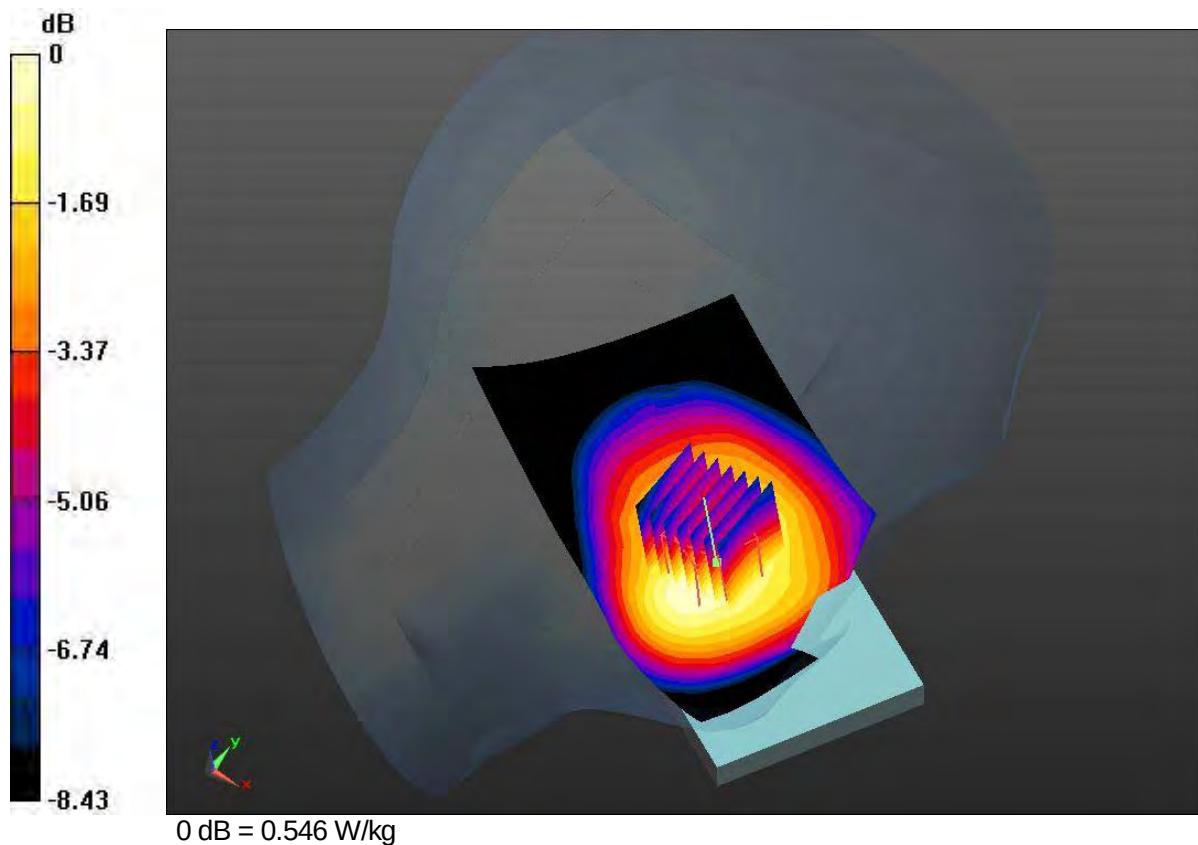
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.37 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.546 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Touch, GSM 850 GPRS 2Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.616 W/kg

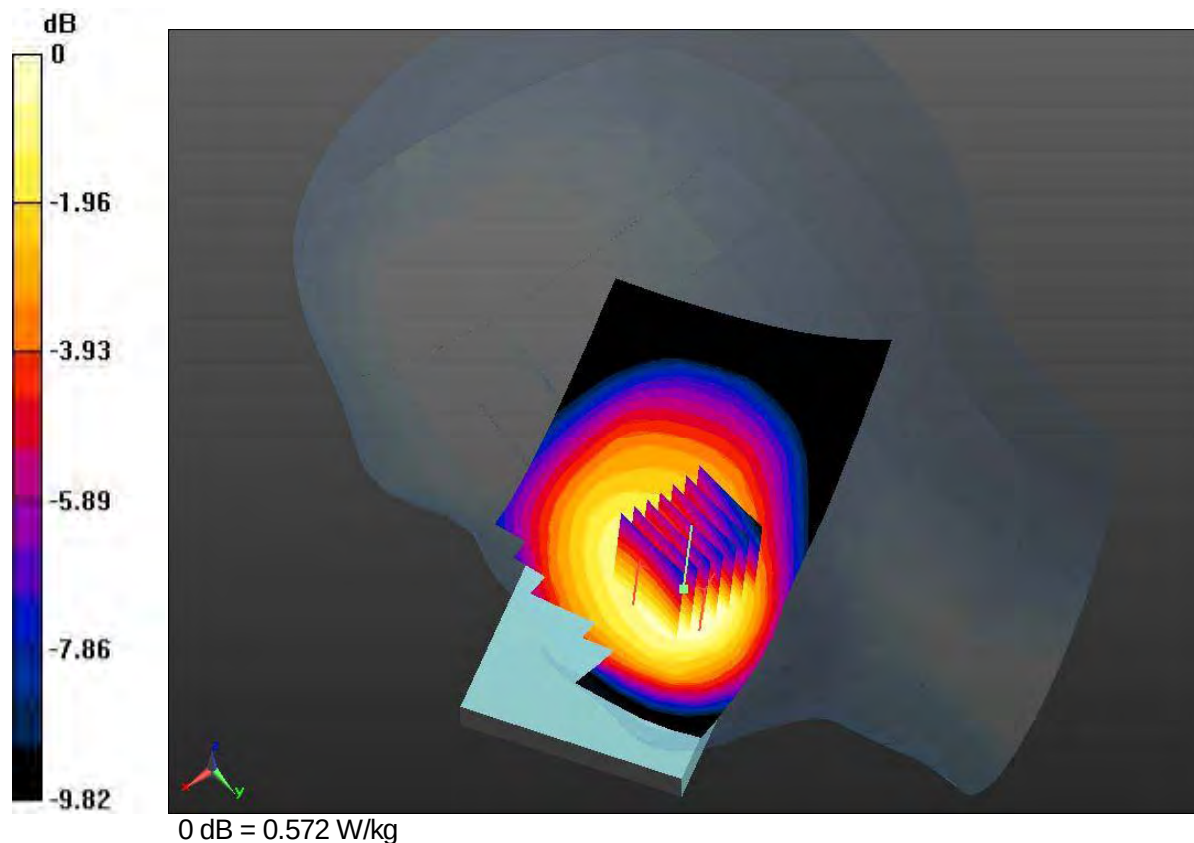
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.93 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.368 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.0; Tissue Temp: 23.0

Left Tilt, GSM 850 GPRS 2Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.615 W/kg

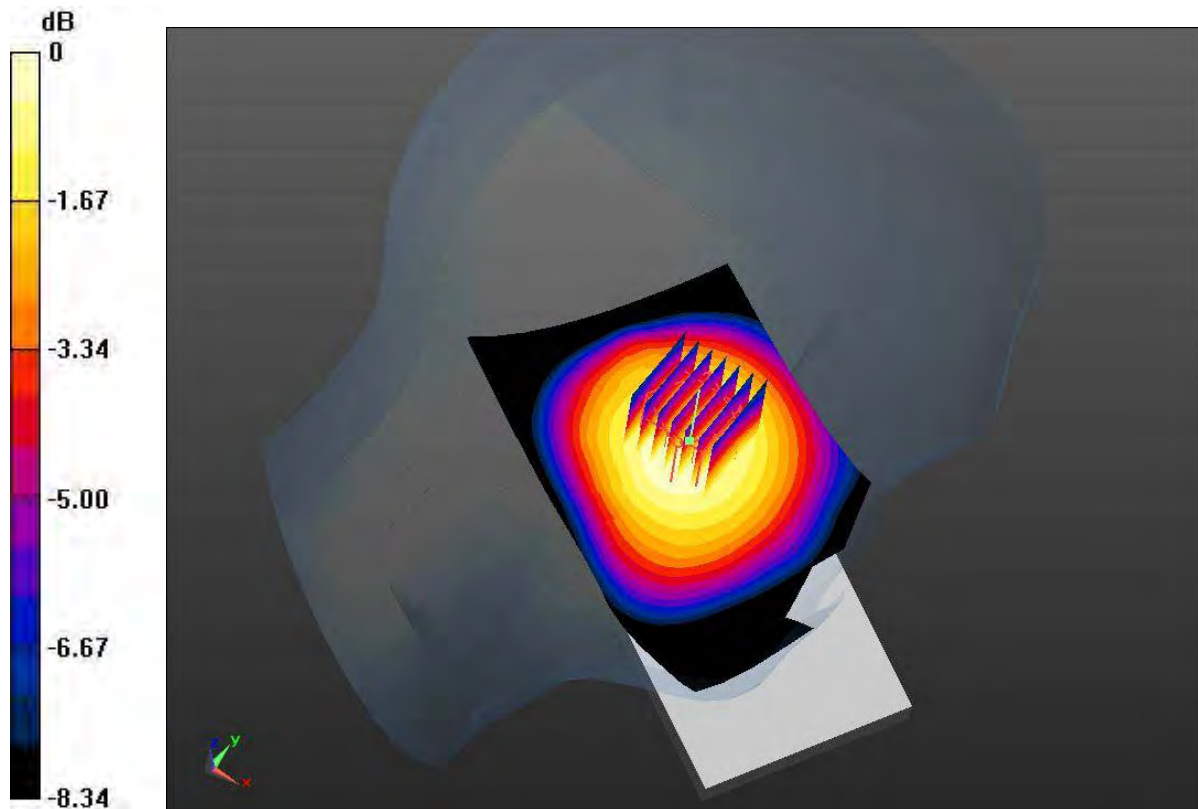
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.75 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.594 W/kg



0 dB = 0.594 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: GSM 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.928\text{S/m}$, $\epsilon_r=41.581$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-17; Ambient Temp: 22.0; Tissue Temp: 23.0

Right Tilt, GSM 850 GPRS 2Tx Ch.190, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.737 W/kg

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

Reference Value = 22.16 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.479 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-24; Ambient Temp: 23.3; Tissue Temp: 23.0

Left Touch, PCS 1900 Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.347 W/kg

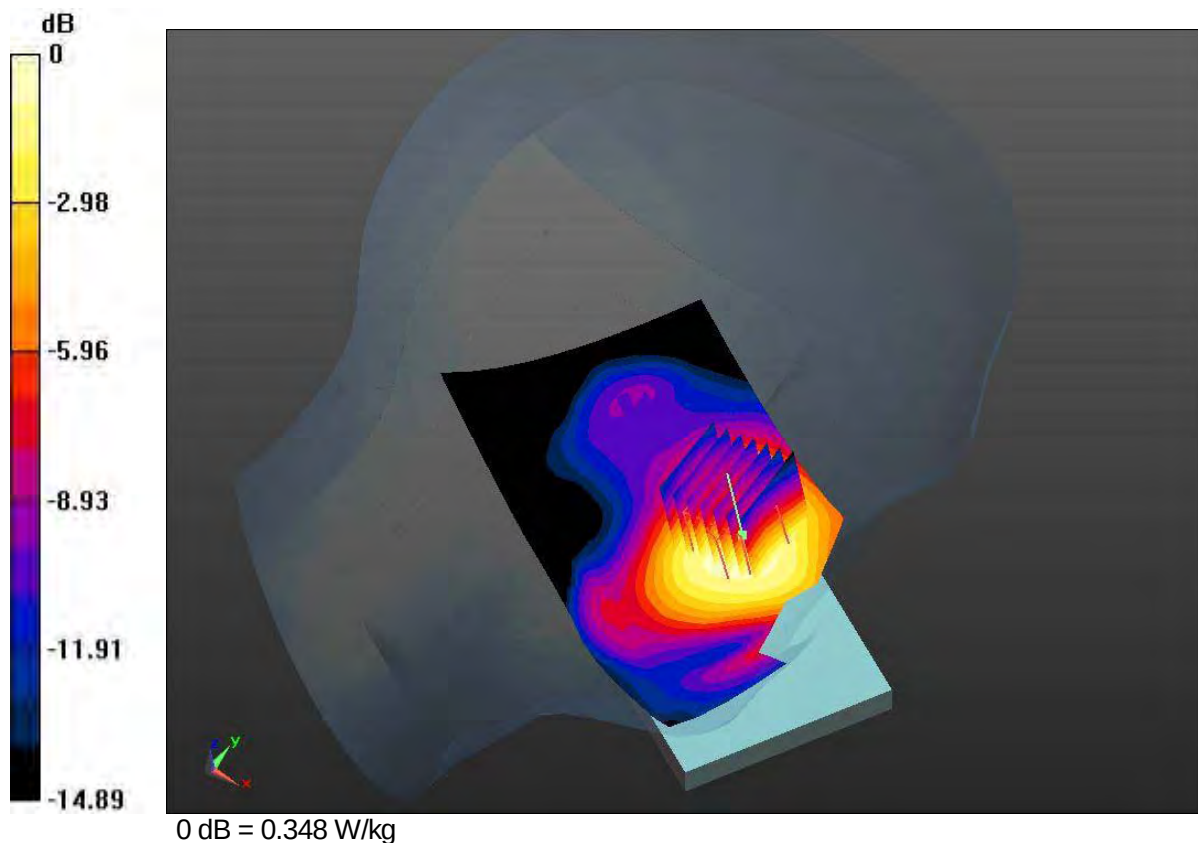
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.829 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.348 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-24; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

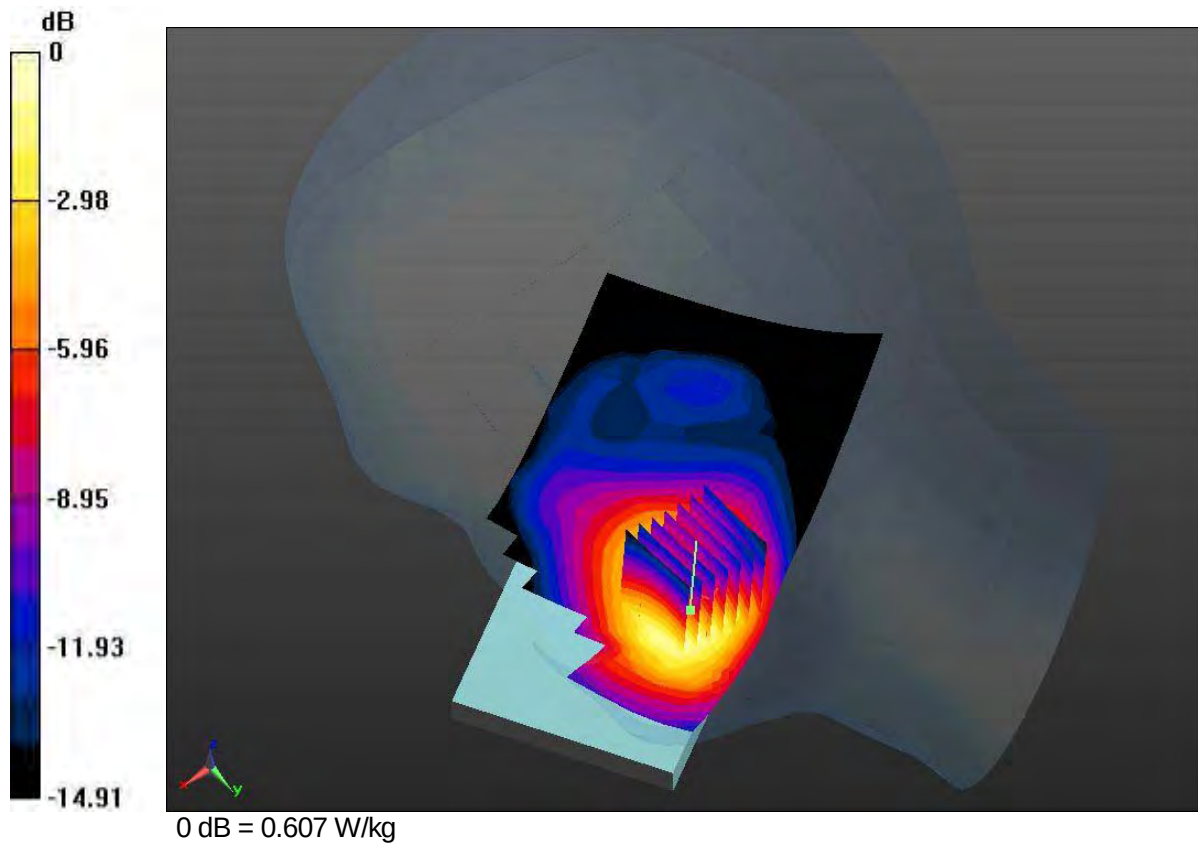
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.496 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.607 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-24; Ambient Temp: 23.3; Tissue Temp: 23.0

Left Tilt, PCS 1900 Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.129 W/kg

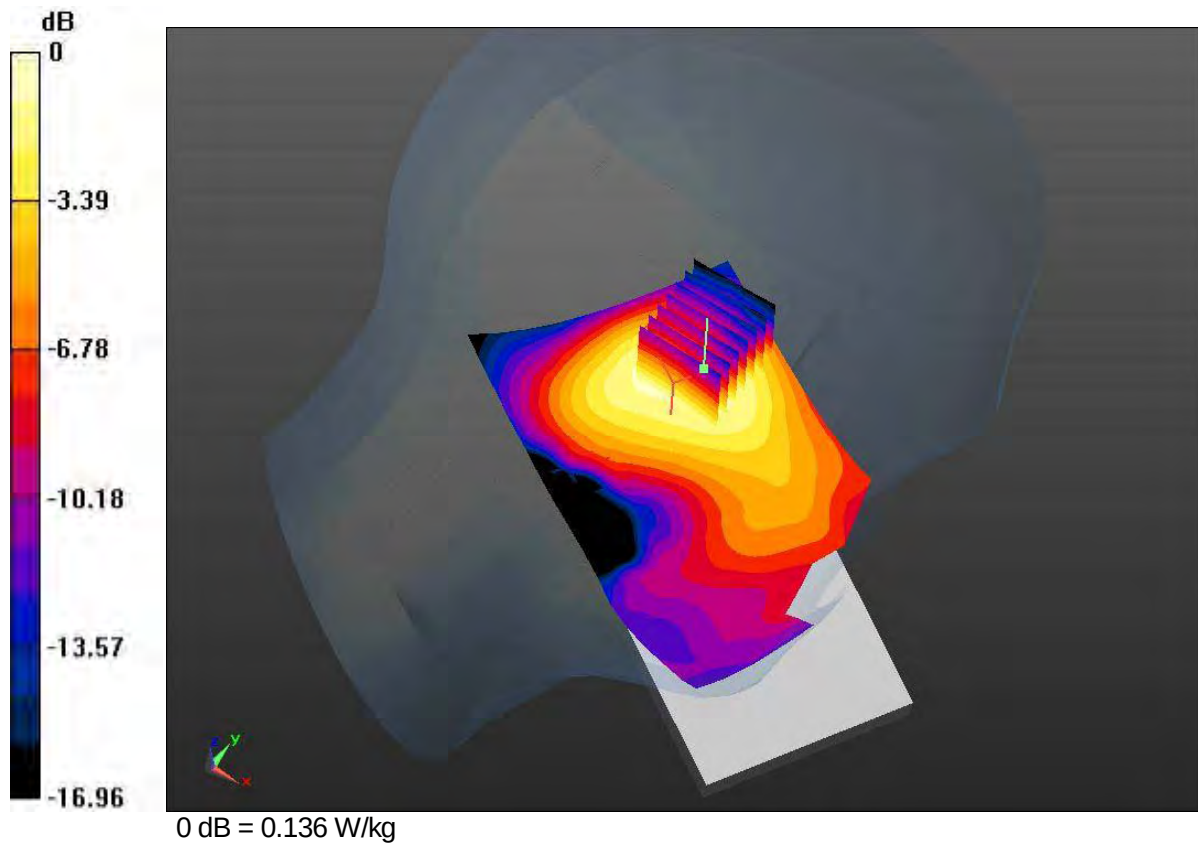
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.695 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.0684 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-24; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Tilt, PCS 1900 Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.128 W/kg

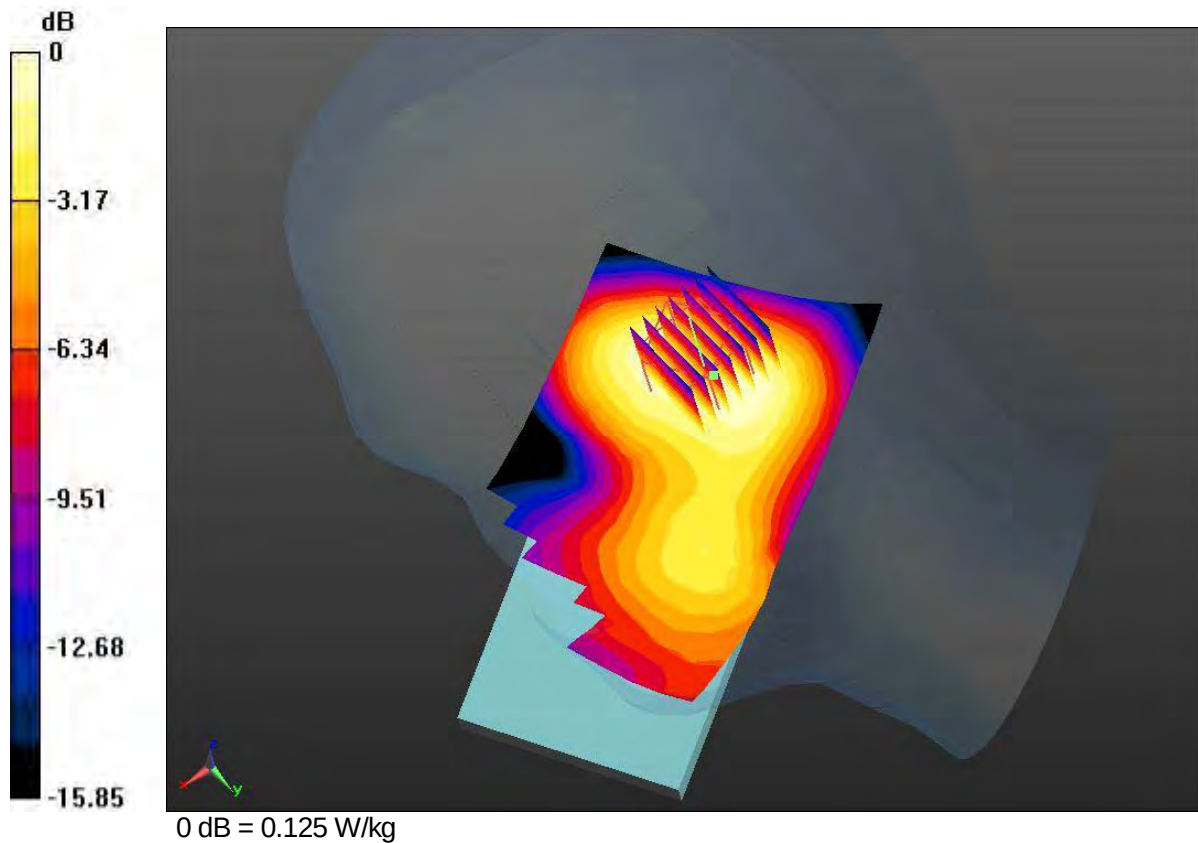
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.351 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.0660 W/kg

Maximum value of SAR (measured) = 0.125 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-24; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

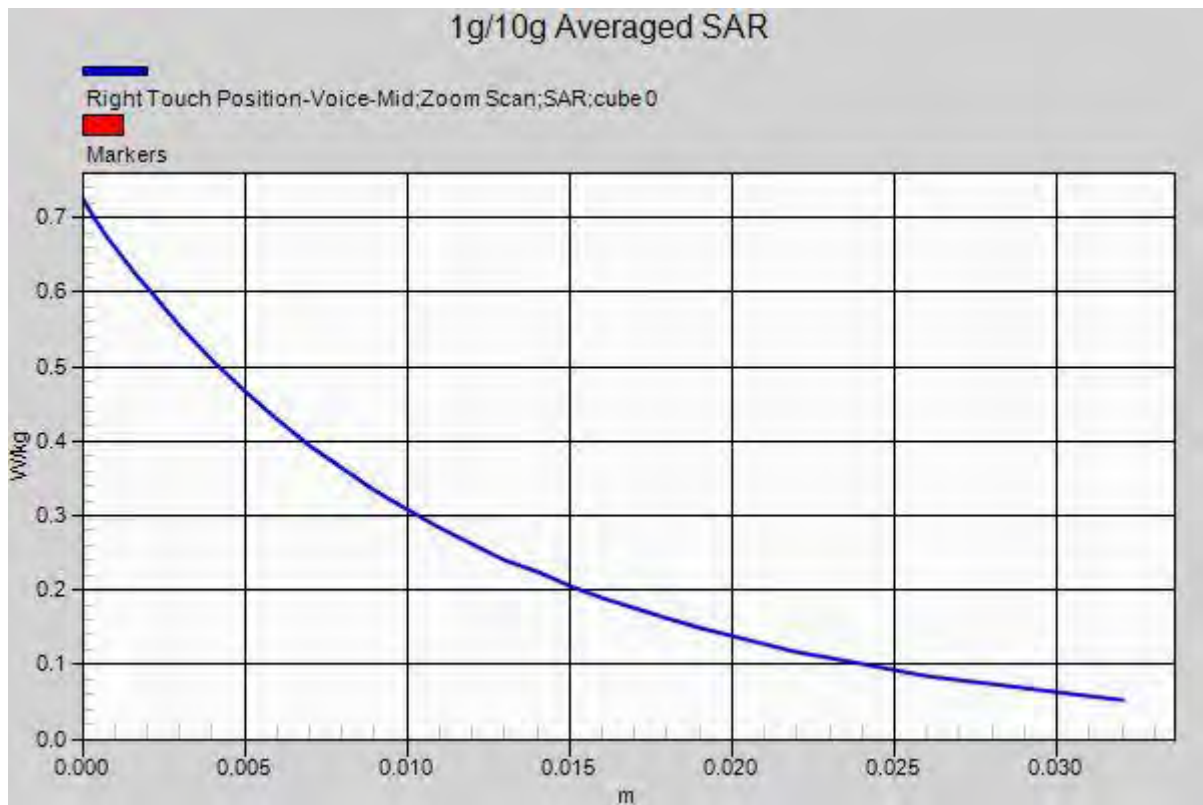
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.496 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.607 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 GPRS 1Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

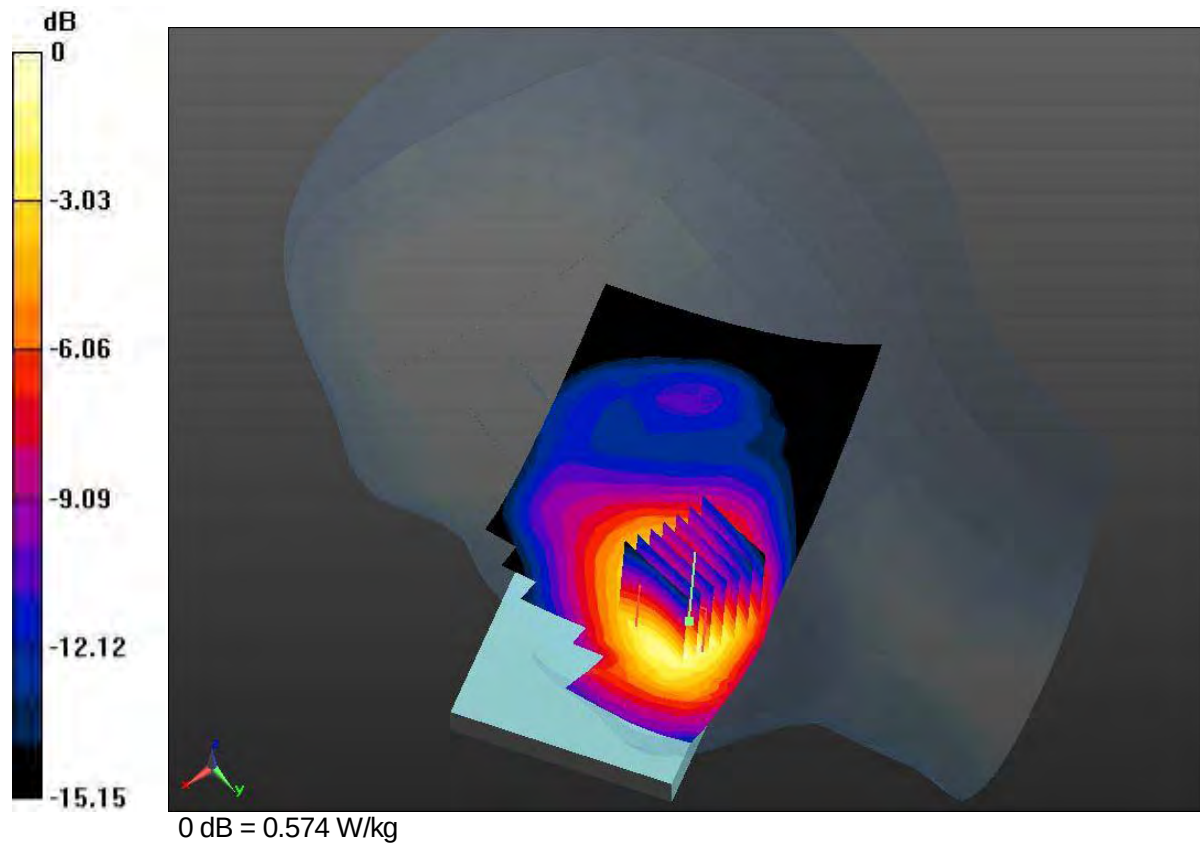
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.722 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.280 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1850.2MHz

Medium parameters used: $f=1850.2\text{MHz}$, $\sigma=1.365\text{S/m}$, $\epsilon_r=39.709$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 GPRS 2Tx Ch.512, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.00 W/kg

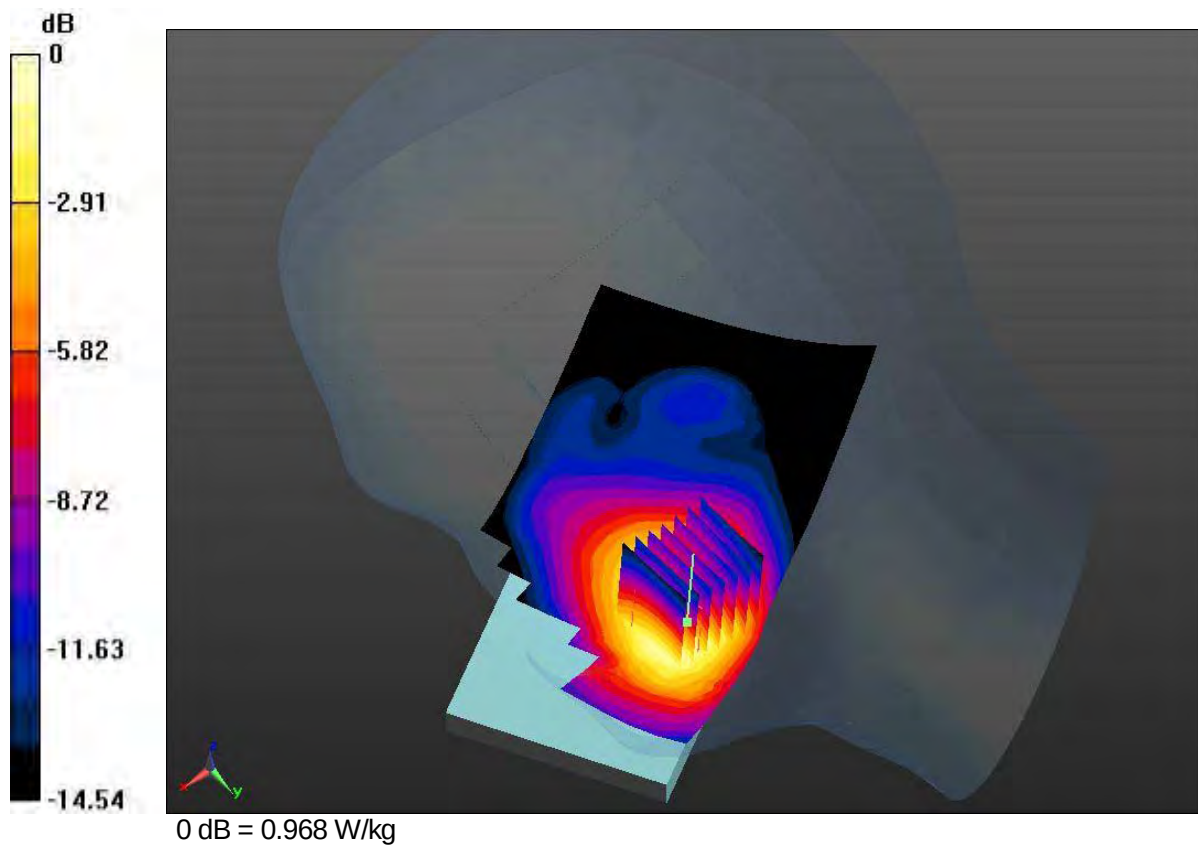
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.257 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 0.968 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 GPRS 2Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

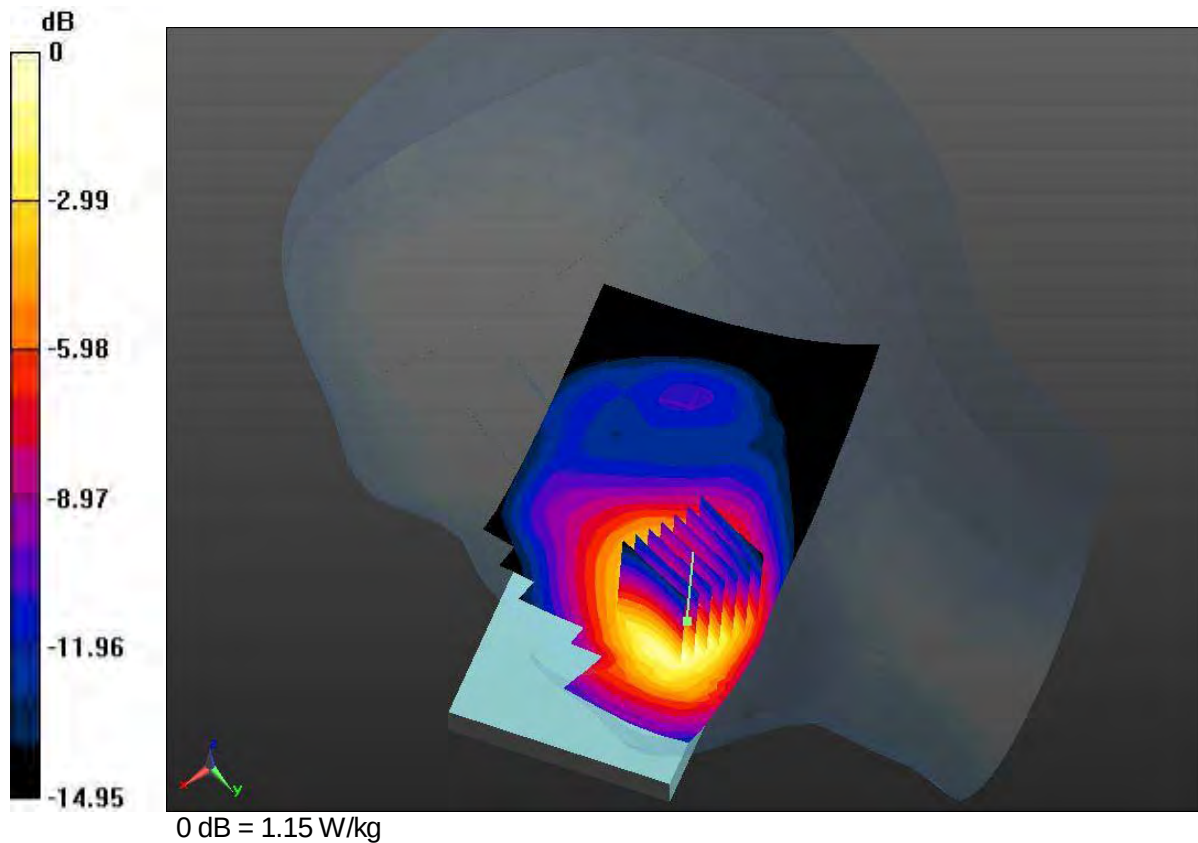
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.169 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1909.8MHz

Medium parameters used: $f=1909.8\text{MHz}$, $\sigma=1.408\text{S/m}$, $\epsilon_r=38.915$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, PCS 1900 GPRS 2Tx Ch.810, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.20 W/kg

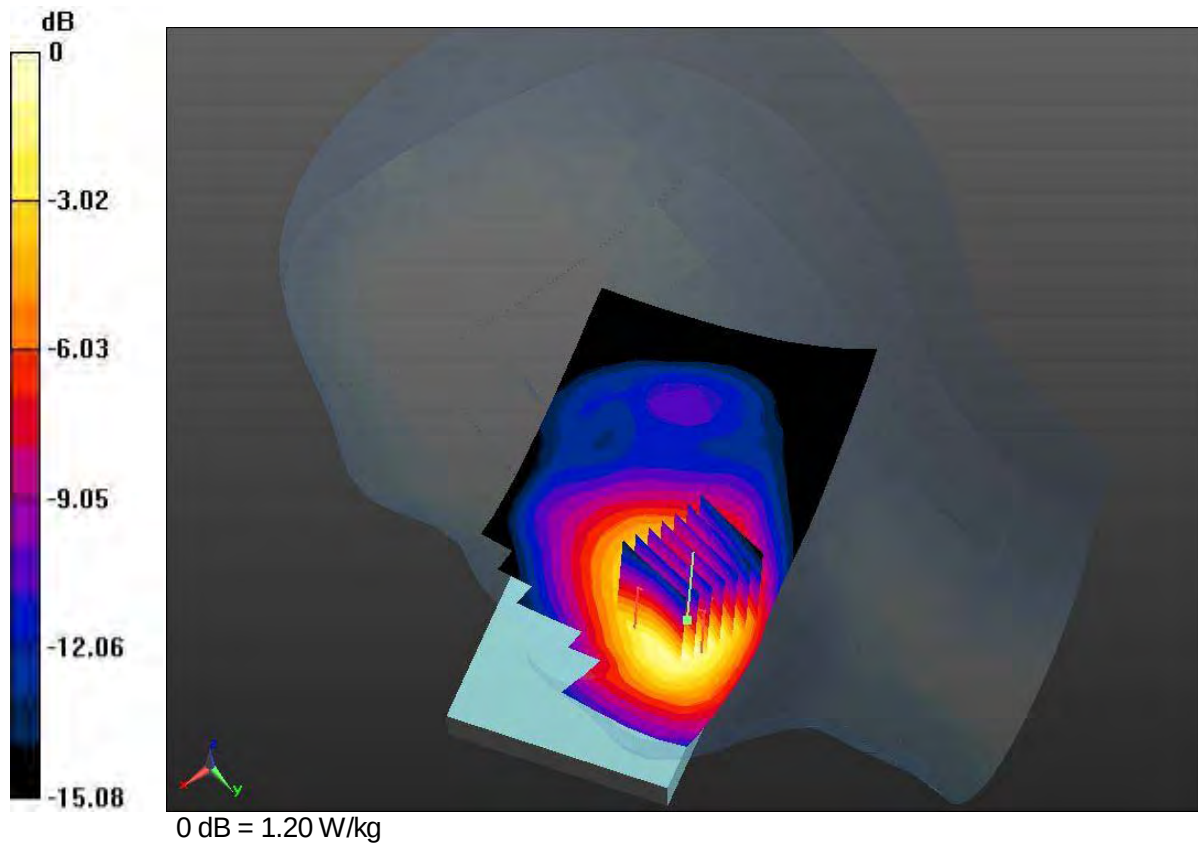
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.504 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.590 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1850.2MHz

Medium parameters used: $f=1850.2\text{MHz}$, $\sigma=1.365\text{S/m}$, $\epsilon_r=39.709$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 GPRS 3Tx Ch.512, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.937 W/kg

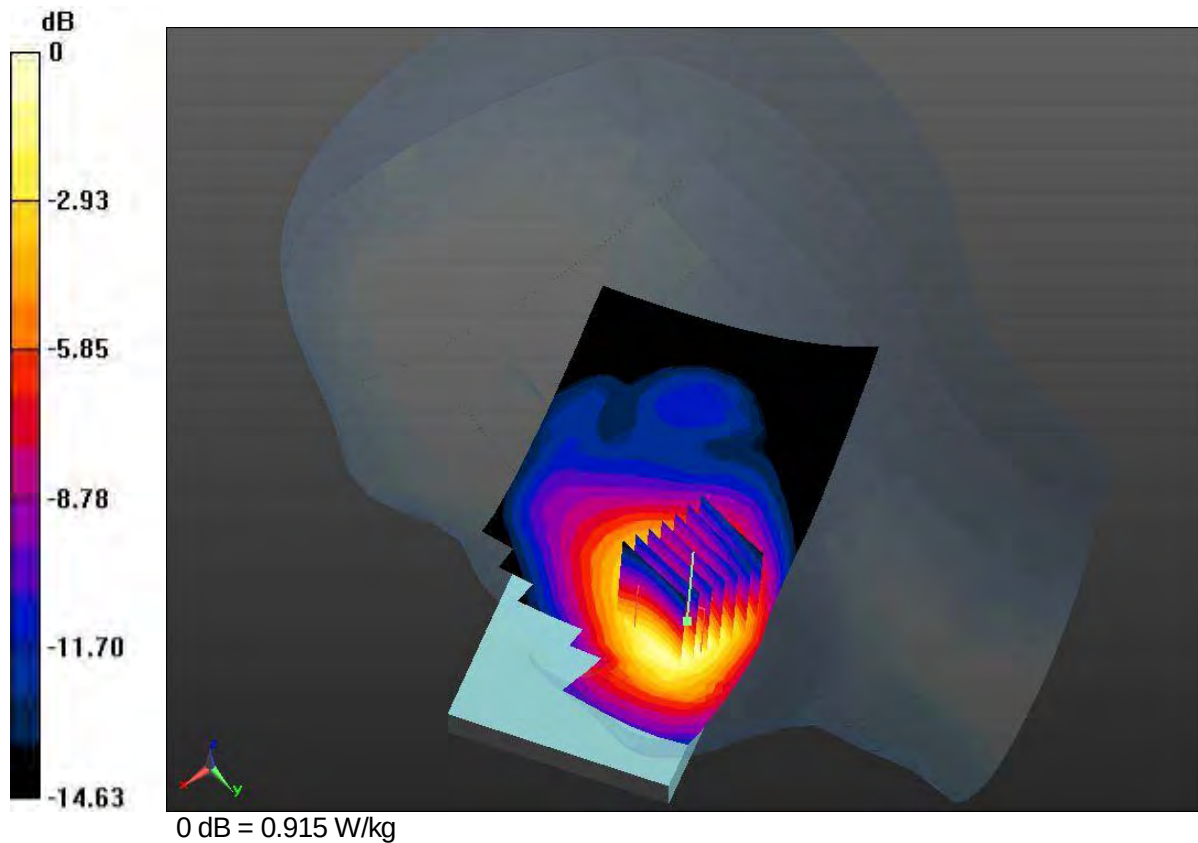
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.283 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 GPRS 3Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.12 W/kg

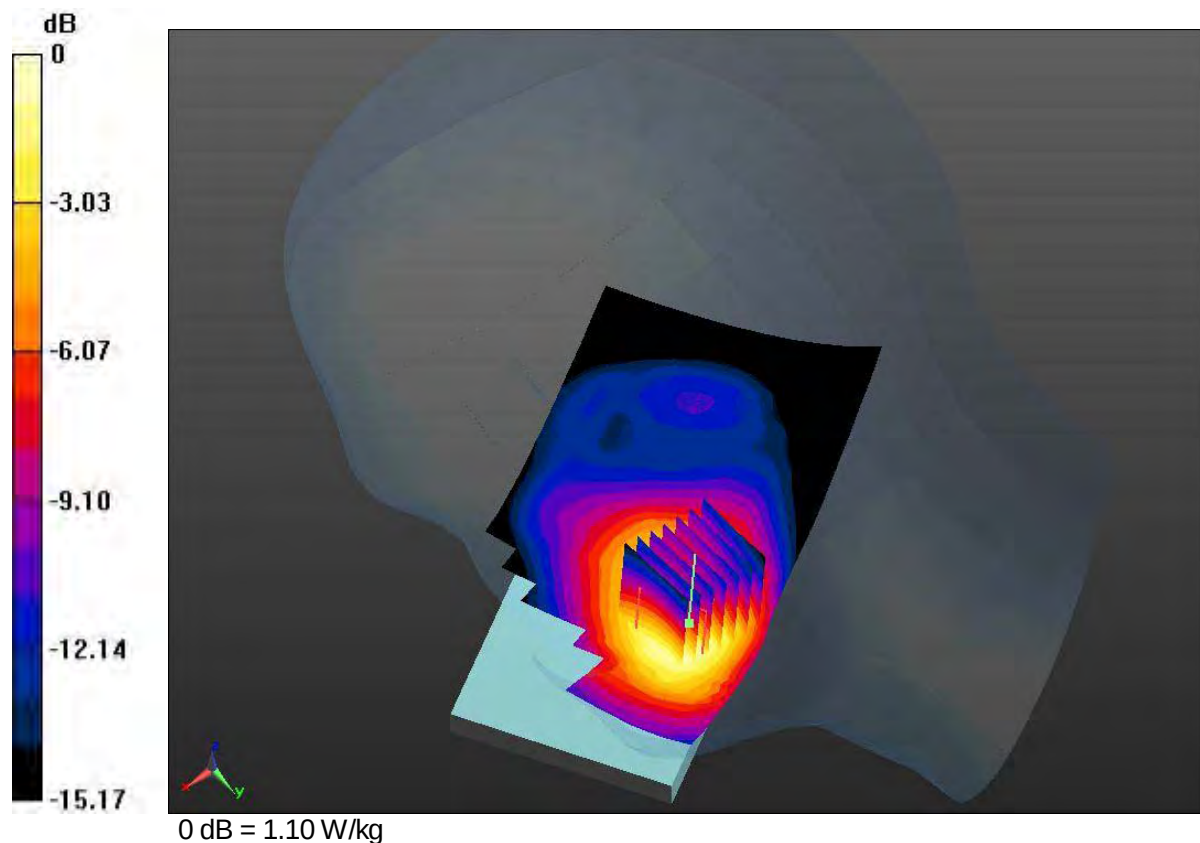
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.626 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.529 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1909.8MHz

Medium parameters used: $f=1909.8\text{MHz}$, $\sigma=1.418\text{S/m}$, $\epsilon_r=39.432$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, PCS 1900 GPRS 3Tx Ch.810, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.17 W/kg

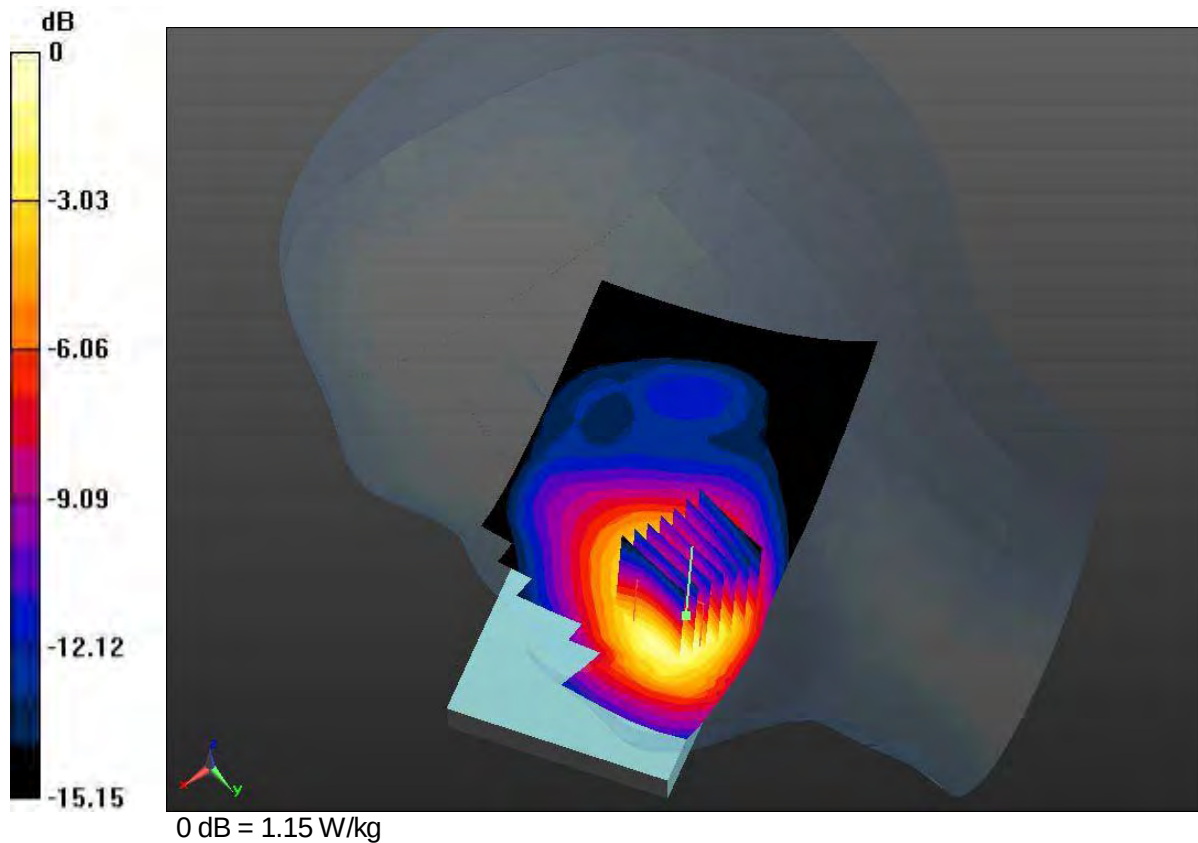
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.491 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.545 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1850.2MHz

Medium parameters used: $f=1850.2\text{MHz}$, $\sigma=1.347\text{S/m}$, $\epsilon_r=39.175$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, PCS 1900 GPRS 4Tx Ch.512, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.872 W/kg

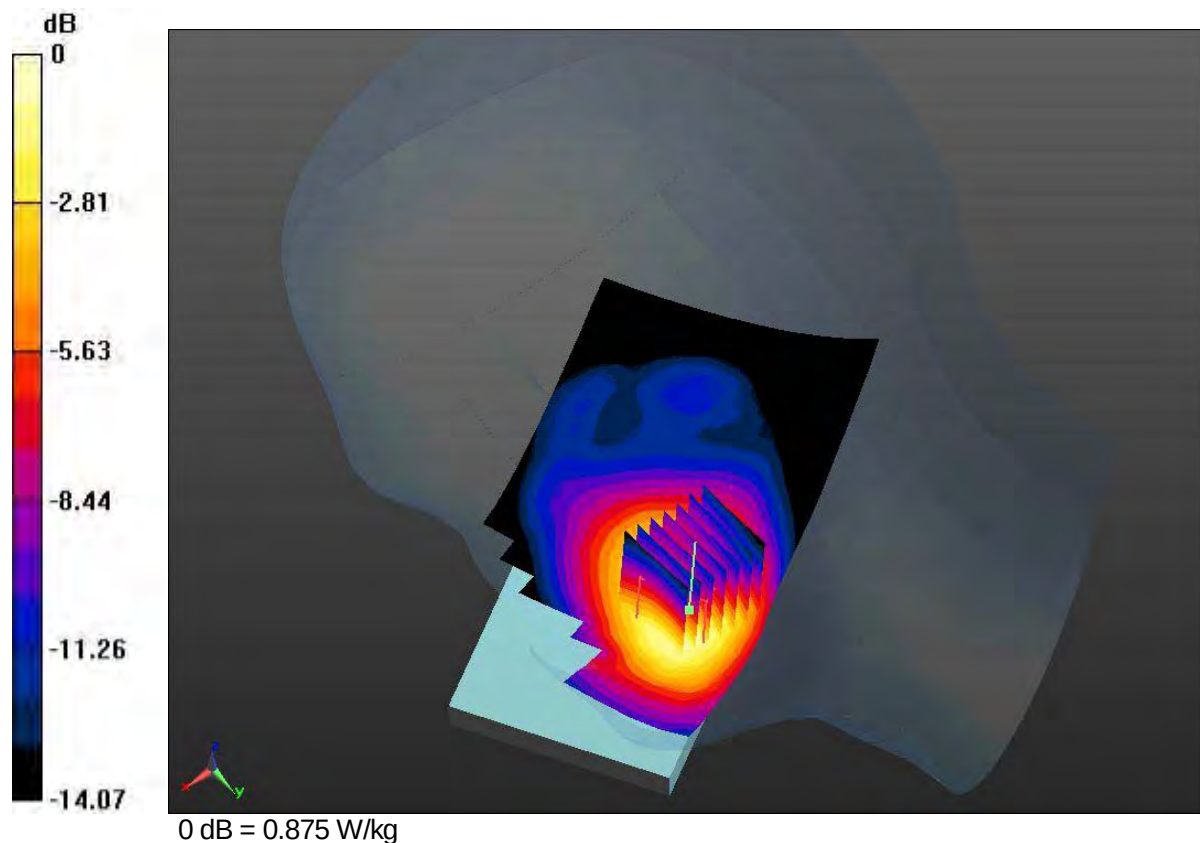
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.270 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.438 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, PCS 1900 GPRS 4Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.963 W/kg

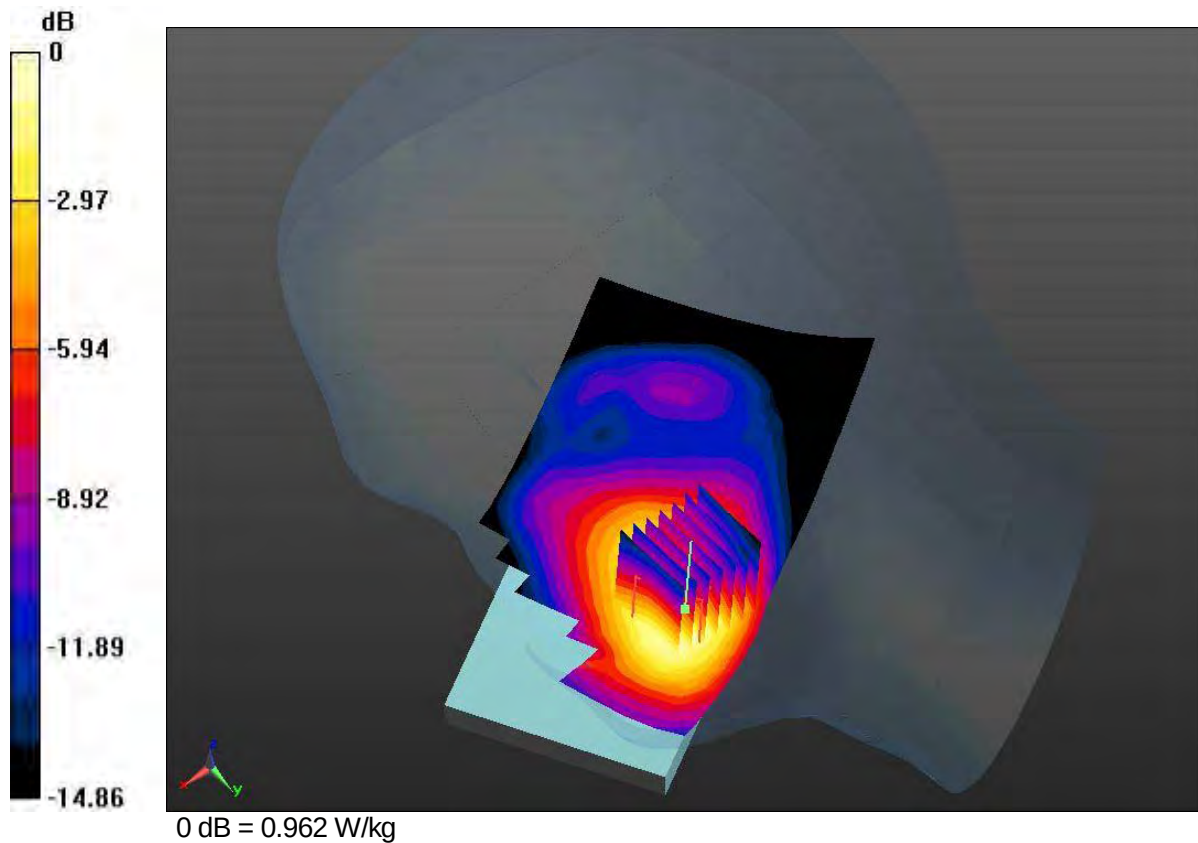
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.221 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.479 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1909.8MHz

Medium parameters used: $f=1909.8\text{MHz}$, $\sigma=1.408\text{S/m}$, $\epsilon_r=38.915$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, PCS 1900 GPRS 4Tx Ch.810, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

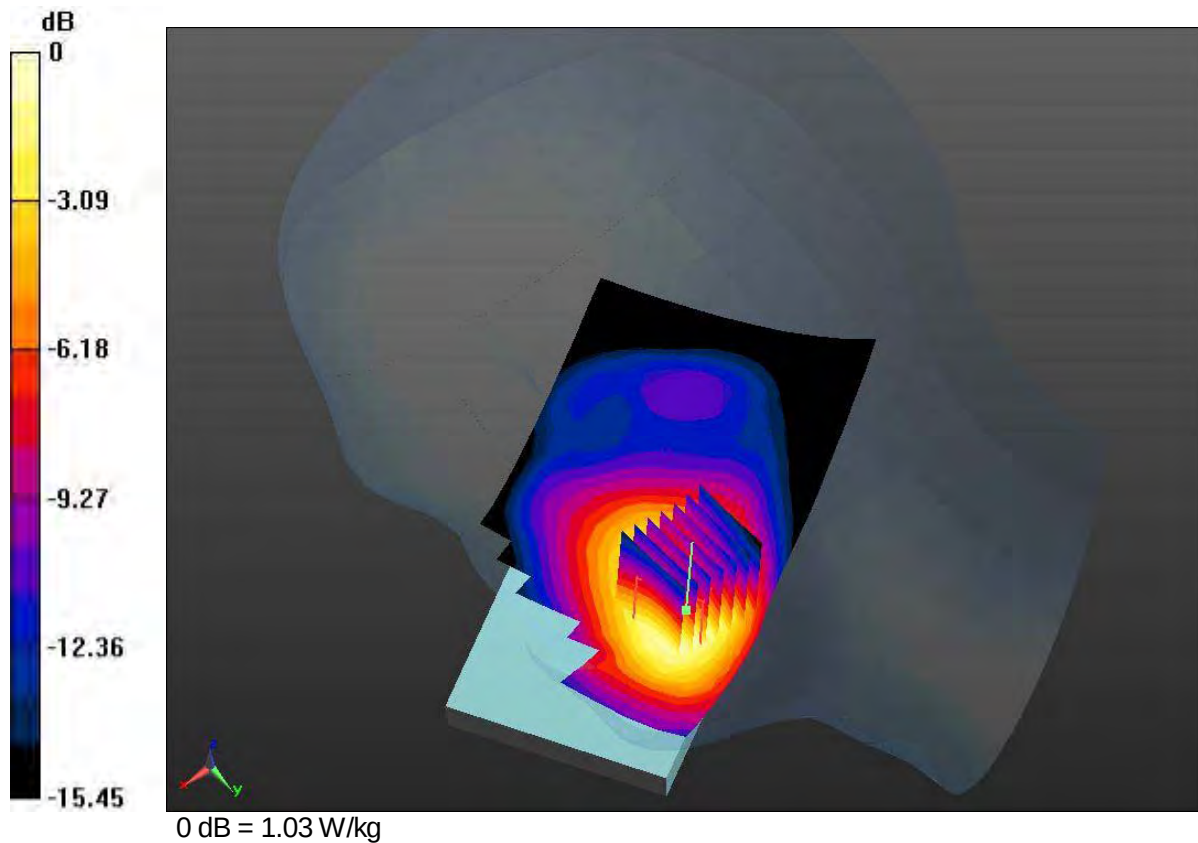
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.979 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.508 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Left Touch, PCS 1900 GPRS 3Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

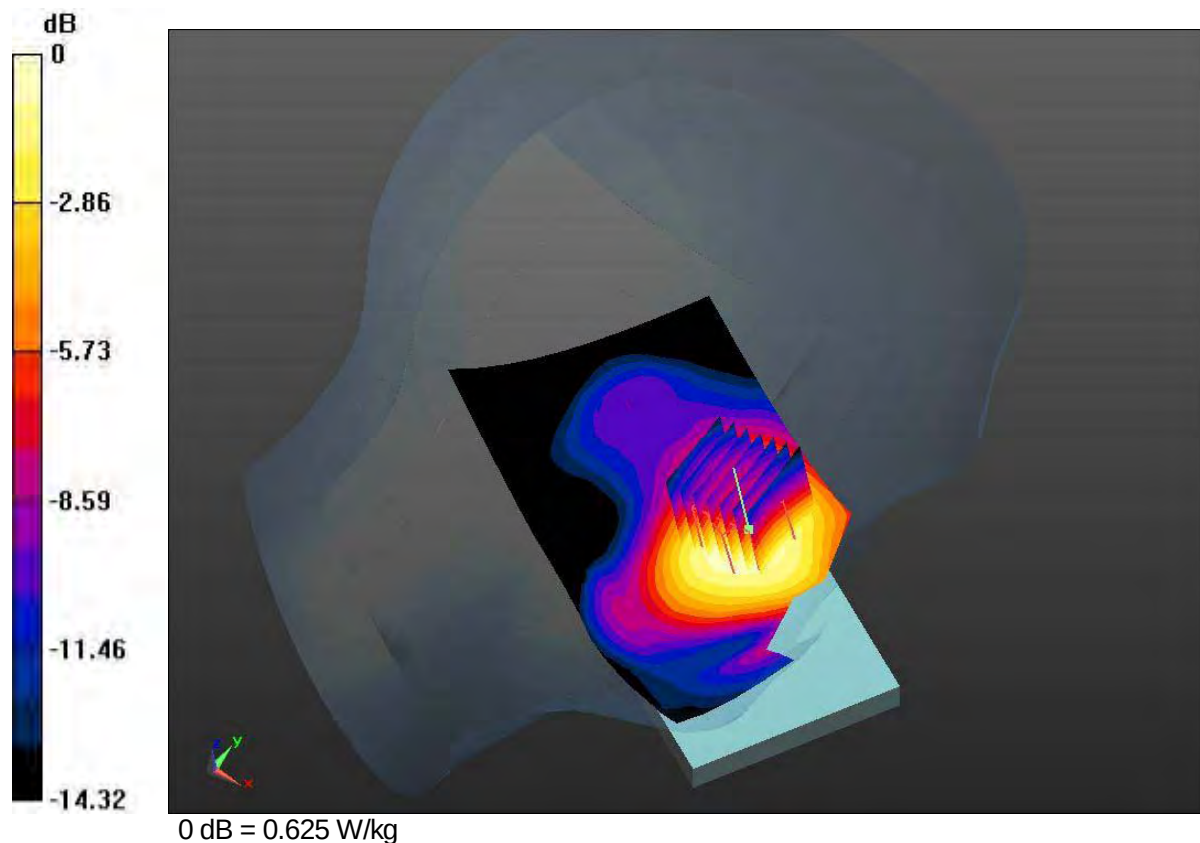
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.821 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.625 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Left Tilt, PCS 1900 GPRS 3Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.248 W/kg

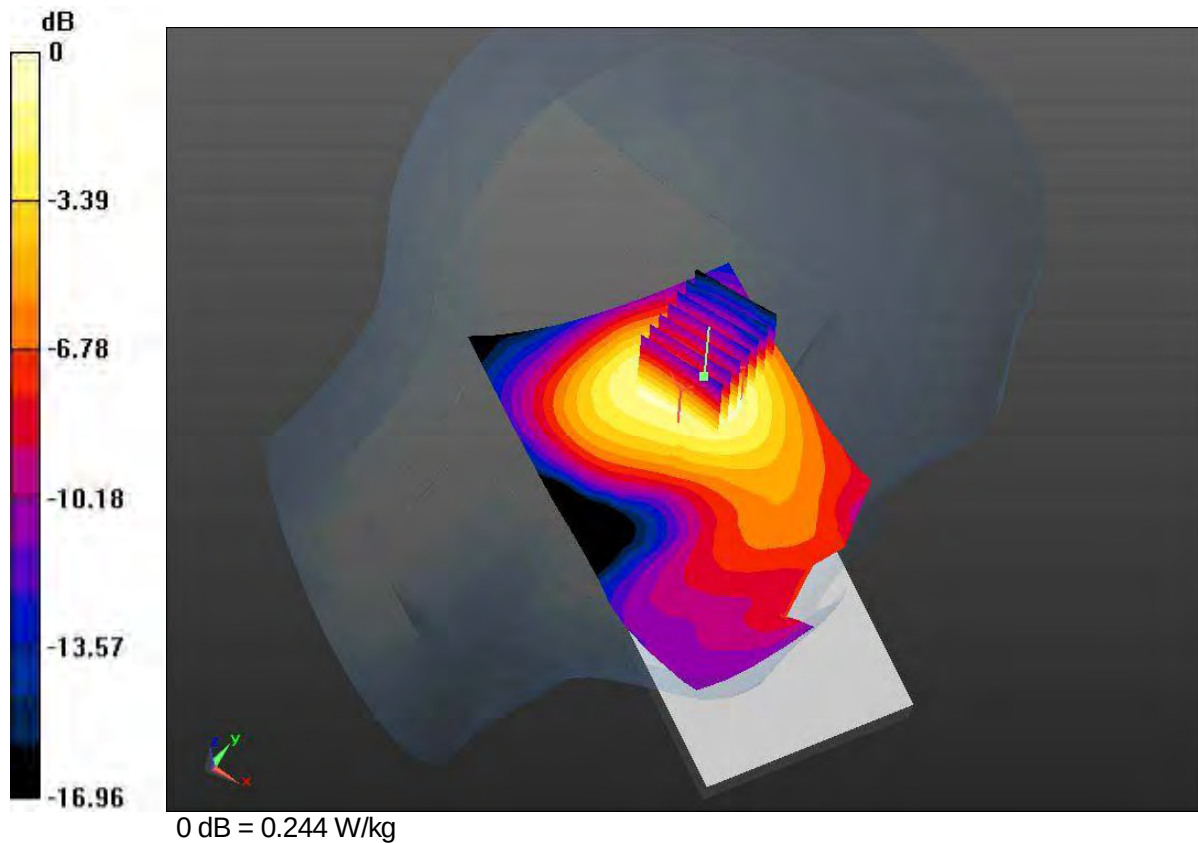
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.65 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.120 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Tilt, PCS 1900 GPRS 3Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.238 W/kg

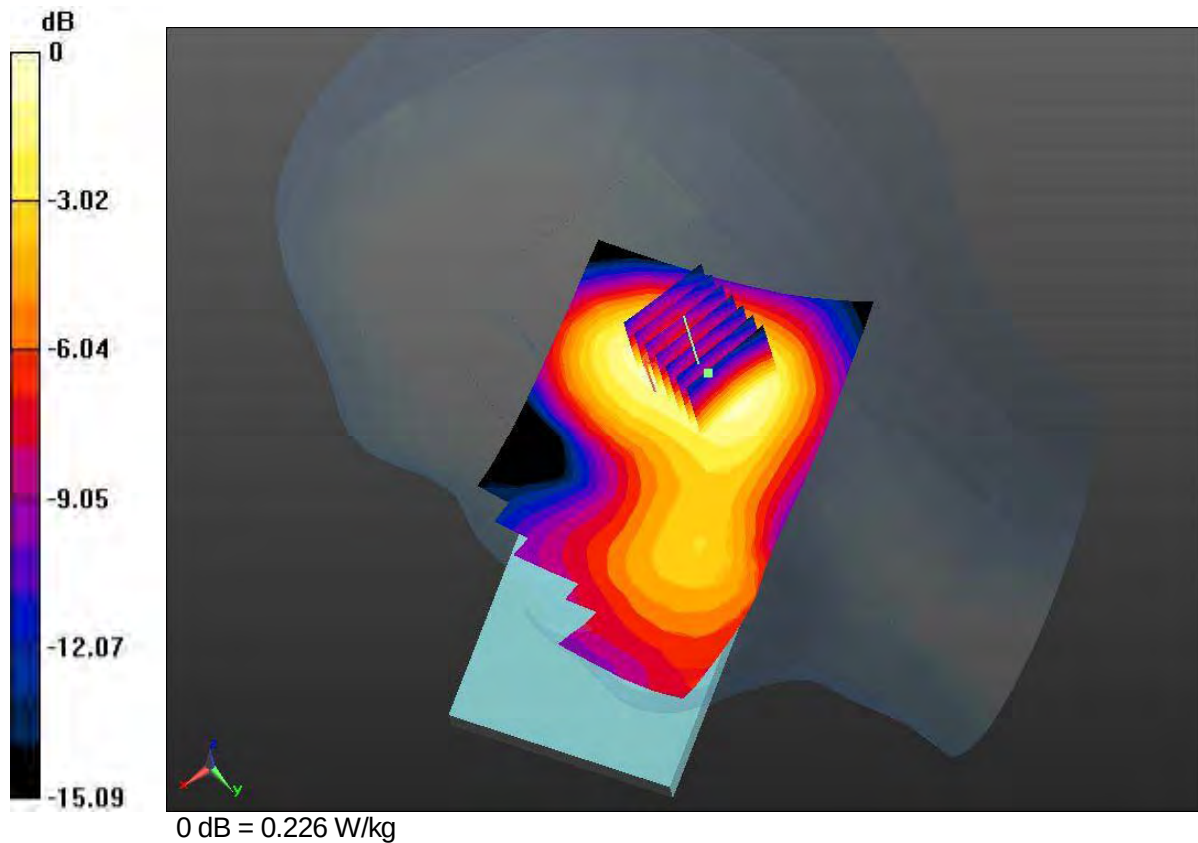
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.97 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.118 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: PCS 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.388\text{S/m}$, $\epsilon_r=39.612$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.3; Tissue Temp: 23.0

Right Touch, PCS 1900 GPRS 3Tx Ch.661, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.12 W/kg

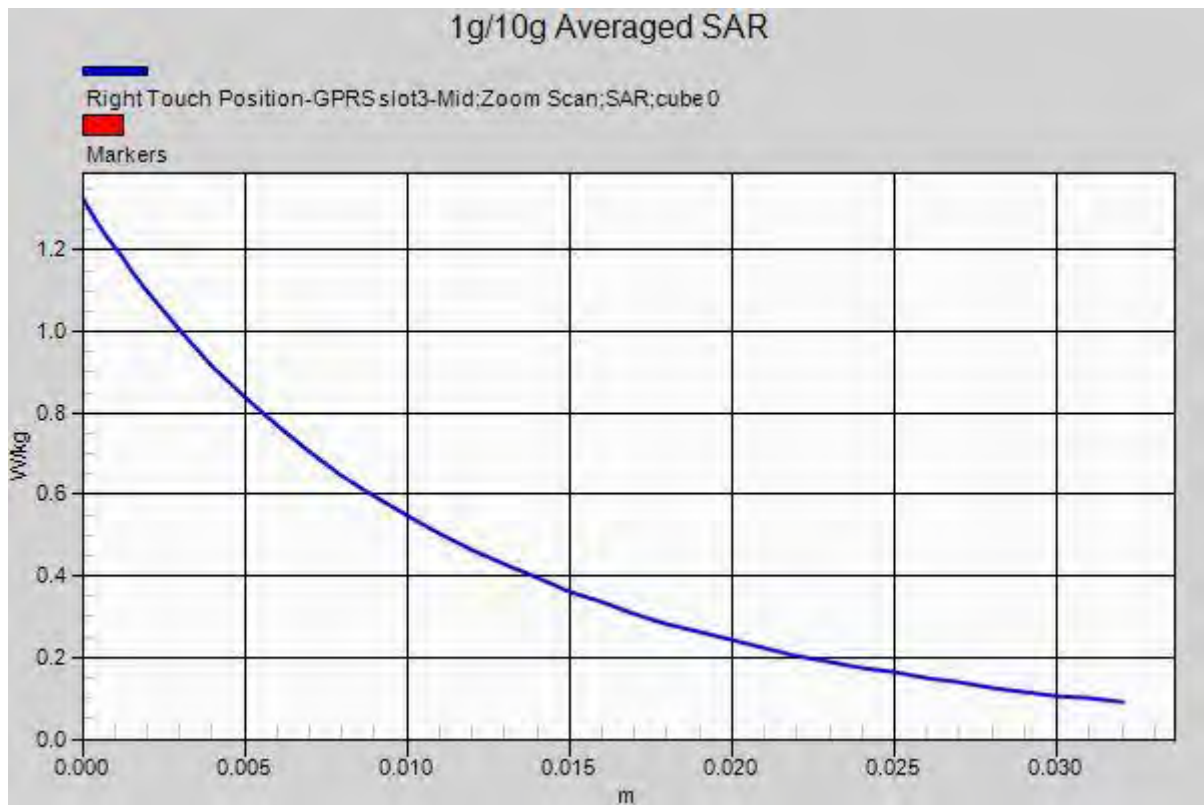
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.626 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.529 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.909\text{S/m}$, $\epsilon_r=40.764$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.4; Tissue Temp: 22.7

Left Touch, WCDMA 850 Ch.4183, Ant Internal, Standard Battery

Area Scan (10x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.274 W/kg

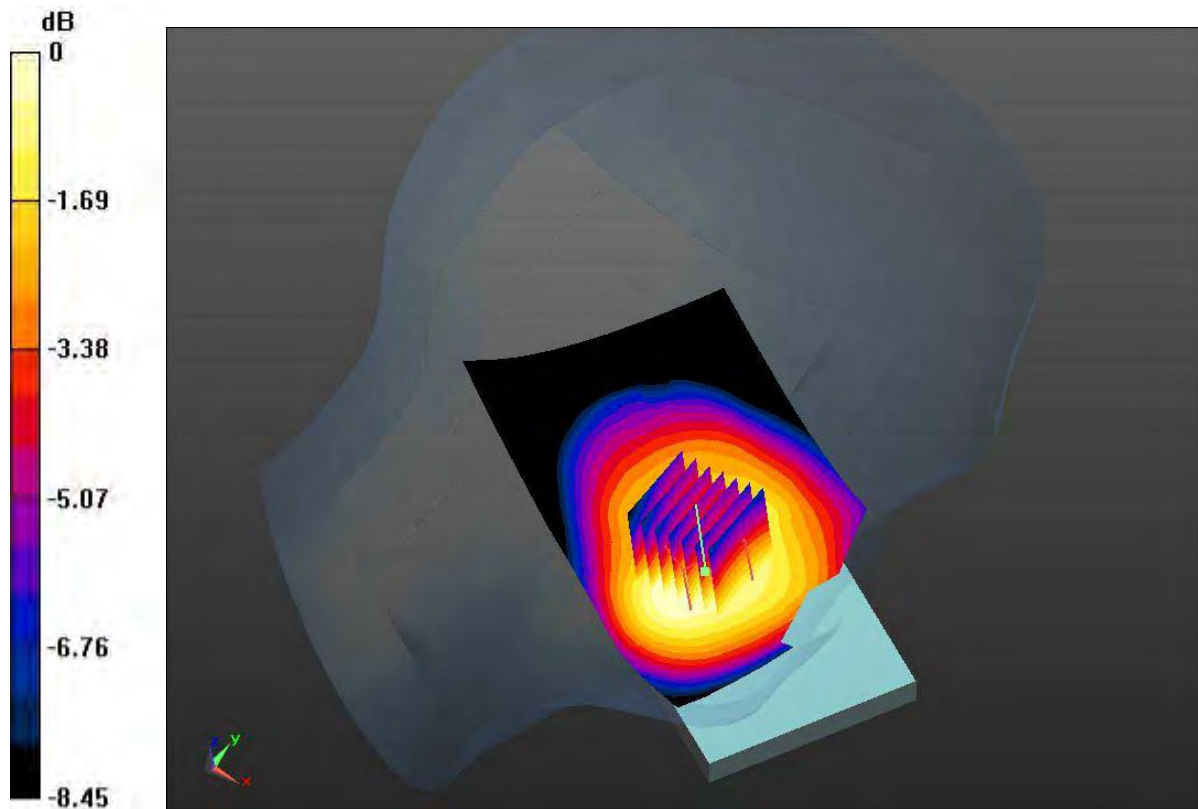
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.645 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.909\text{S/m}$, $\epsilon_r=40.764$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.4; Tissue Temp: 22.7

Right Touch, WCDMA 850 Ch.4183, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

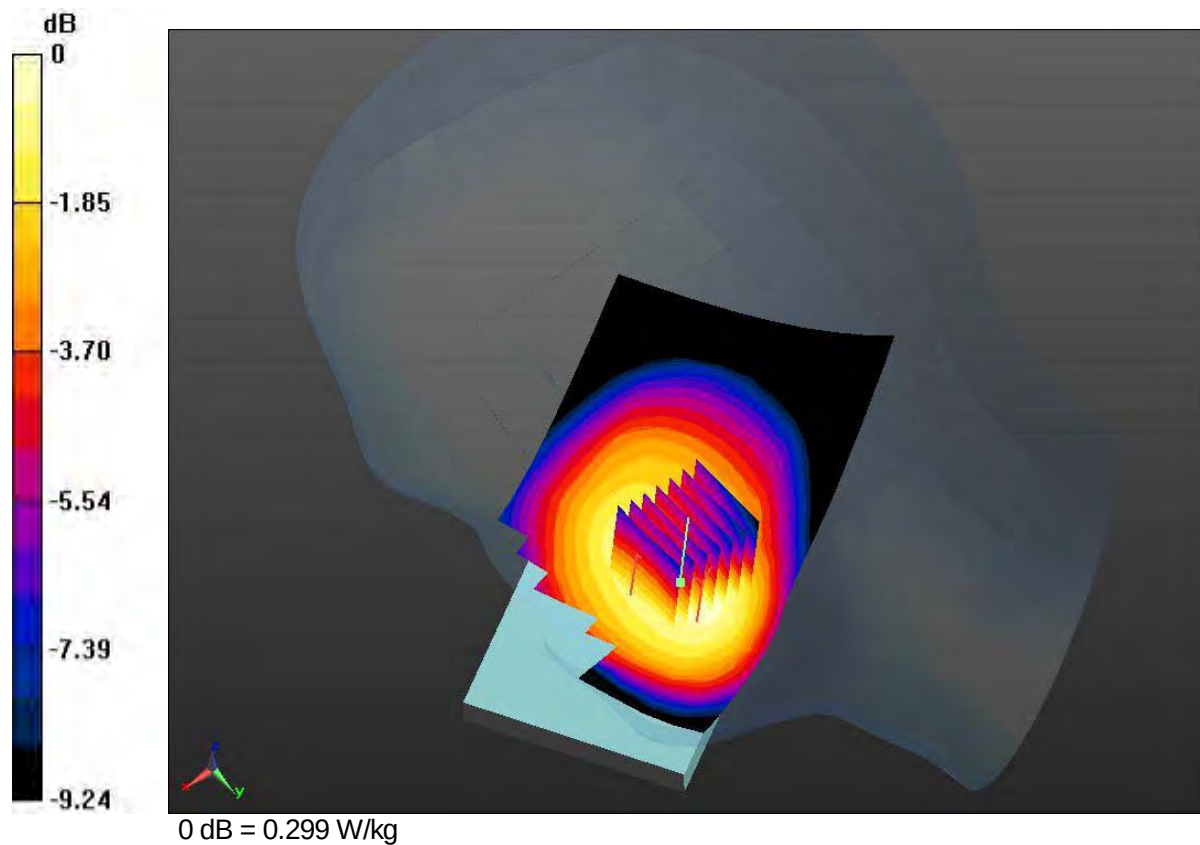
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.857 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.196 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.909\text{S/m}$, $\epsilon_r=40.764$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.4; Tissue Temp: 22.7

Left Tilt, WCDMA 850 Ch.4183, Ant Internal, Standard Battery

Area Scan (10x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.258 W/kg

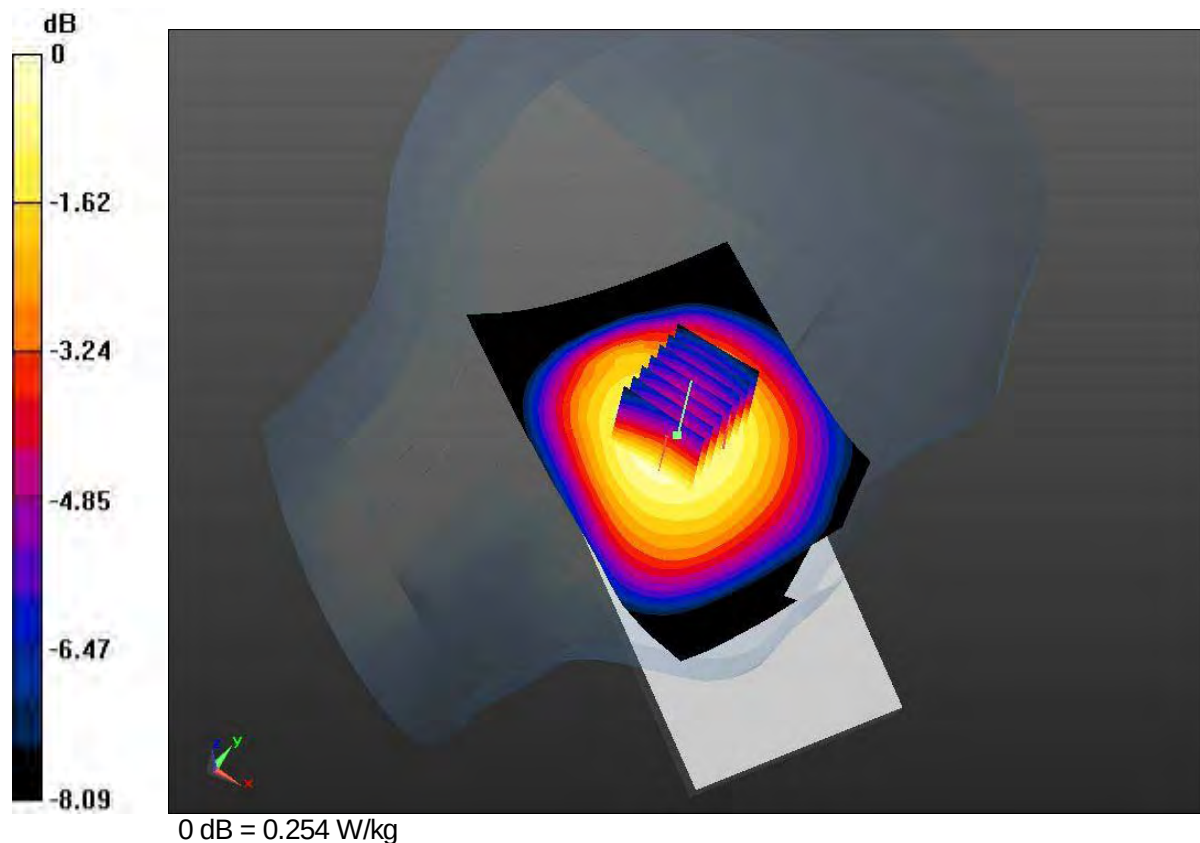
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.46 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.909\text{S/m}$, $\epsilon_r=40.764$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.4; Tissue Temp: 22.7

Right Tilt, WCDMA 850 Ch.4183, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.295 W/kg

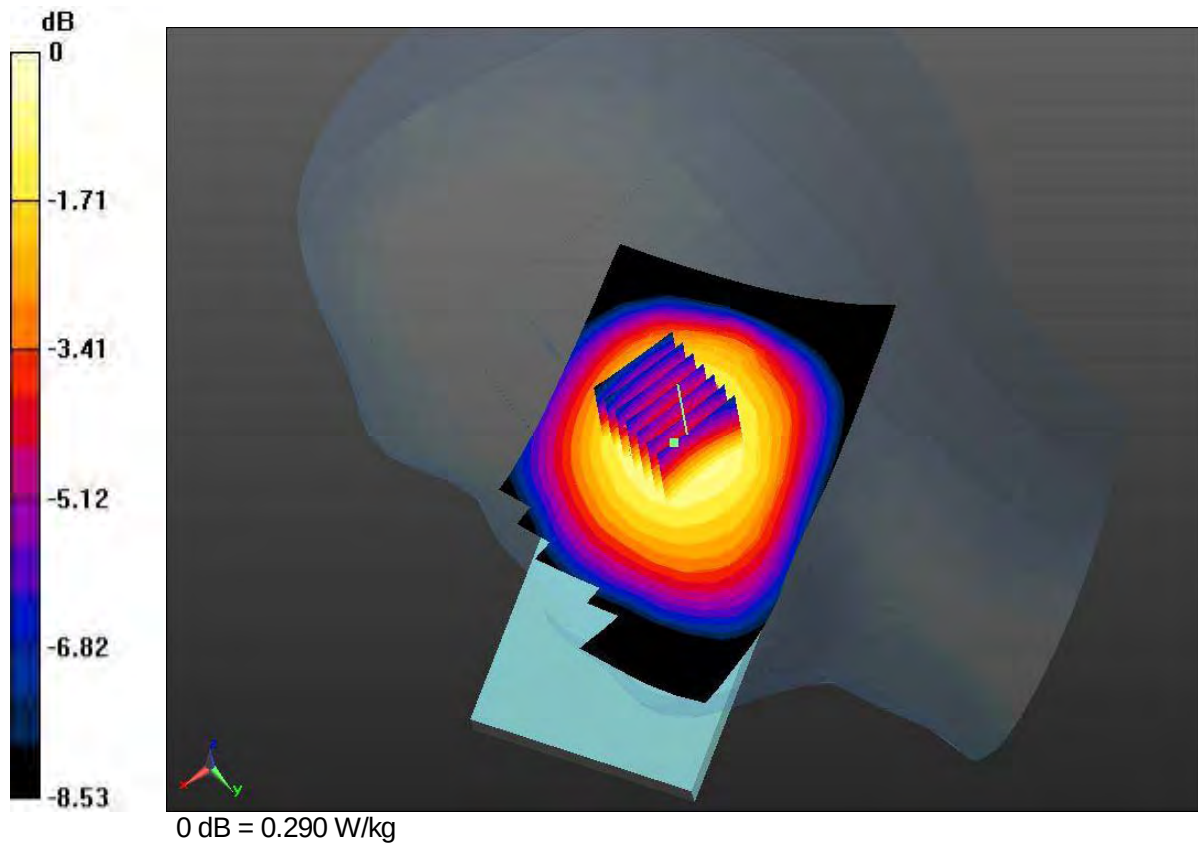
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.25 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 850; Frequency: 836.6MHz

Medium parameters used: $f=836.6\text{MHz}$, $\sigma=0.909\text{S/m}$, $\epsilon_r=40.764$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-18; Ambient Temp: 22.4; Tissue Temp: 22.7

Right Touch, WCDMA 850 Ch.4183, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

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

Reference Value = 8.857 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.196 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Left Touch, WCDMA 1900 Ch.9400, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.696 W/kg

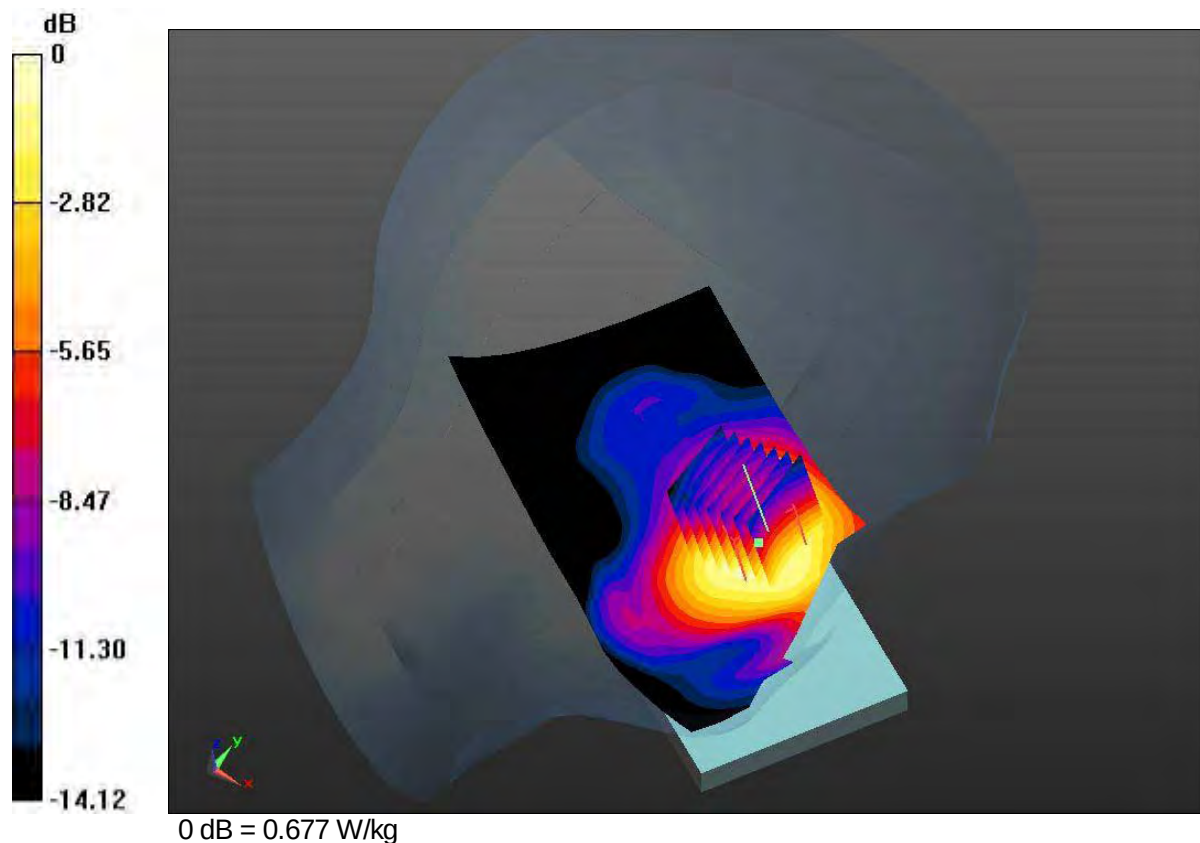
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.305 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 0.677 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1852.4MHz

Medium parameters used: $f=1852.4\text{MHz}$, $\sigma=1.349\text{S/m}$, $\epsilon_r=39.181$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-26; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, WCDMA 1900 Ch.9262, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.839 W/kg

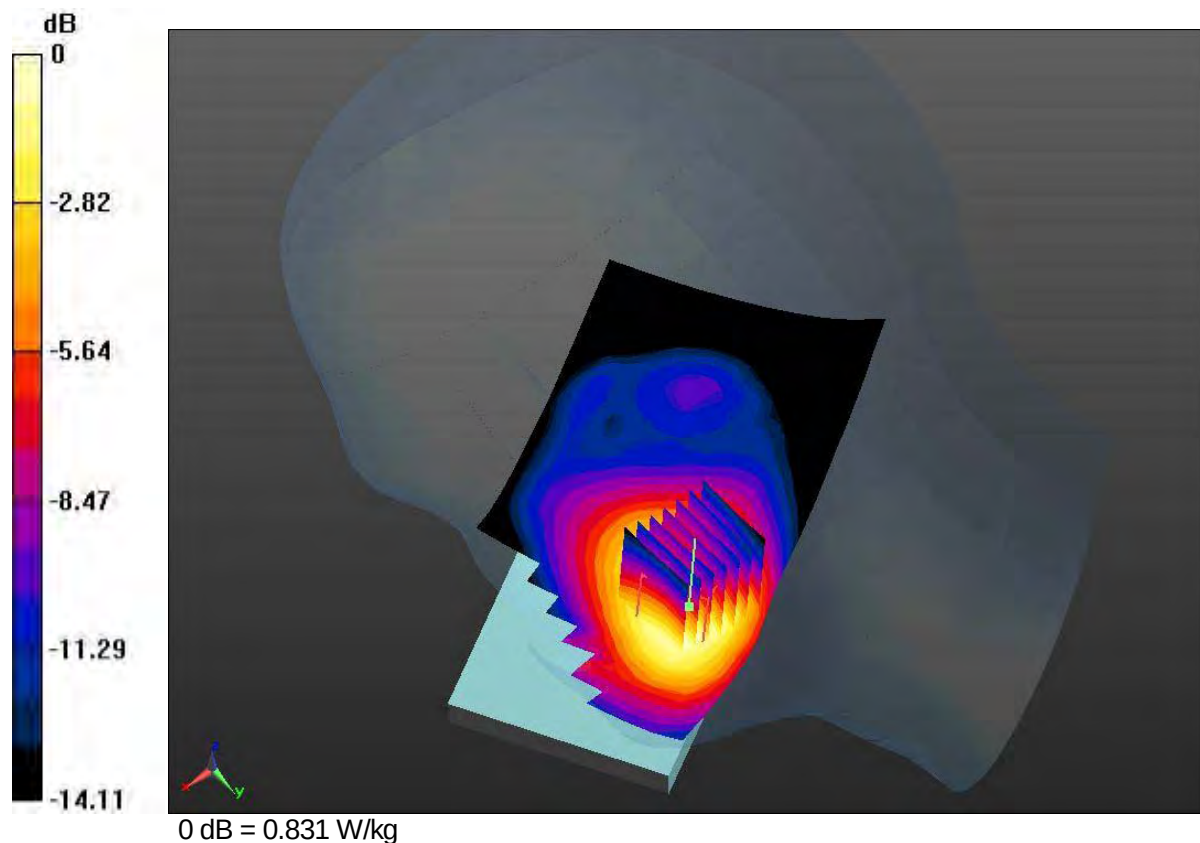
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.987 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 0.831 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, WCDMA 1900 Ch.9400, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.00 W/kg

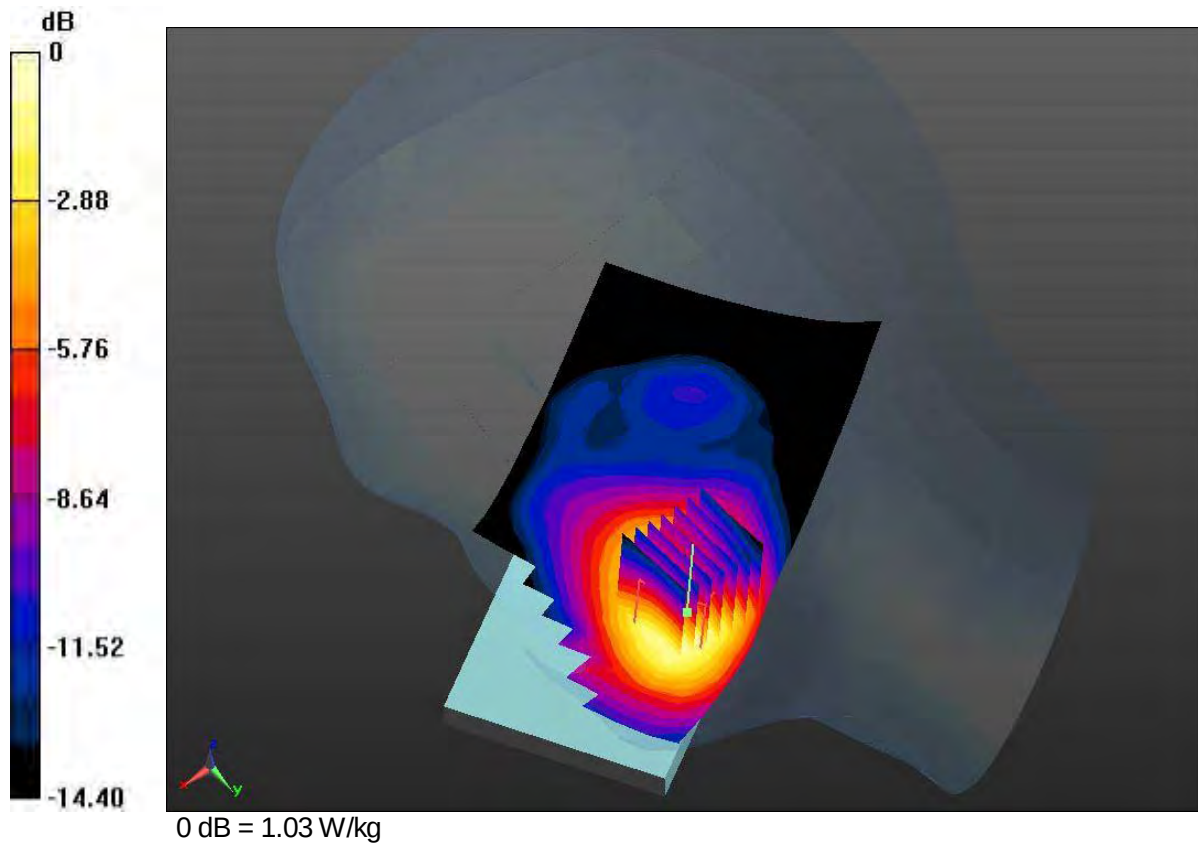
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.232 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.521 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1907.6MHz

Medium parameters used: $f=1907.6\text{MHz}$, $\sigma=1.403\text{S/m}$, $\epsilon_r=38.918$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-26; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, WCDMA 1900 Ch.9538, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.20 W/kg

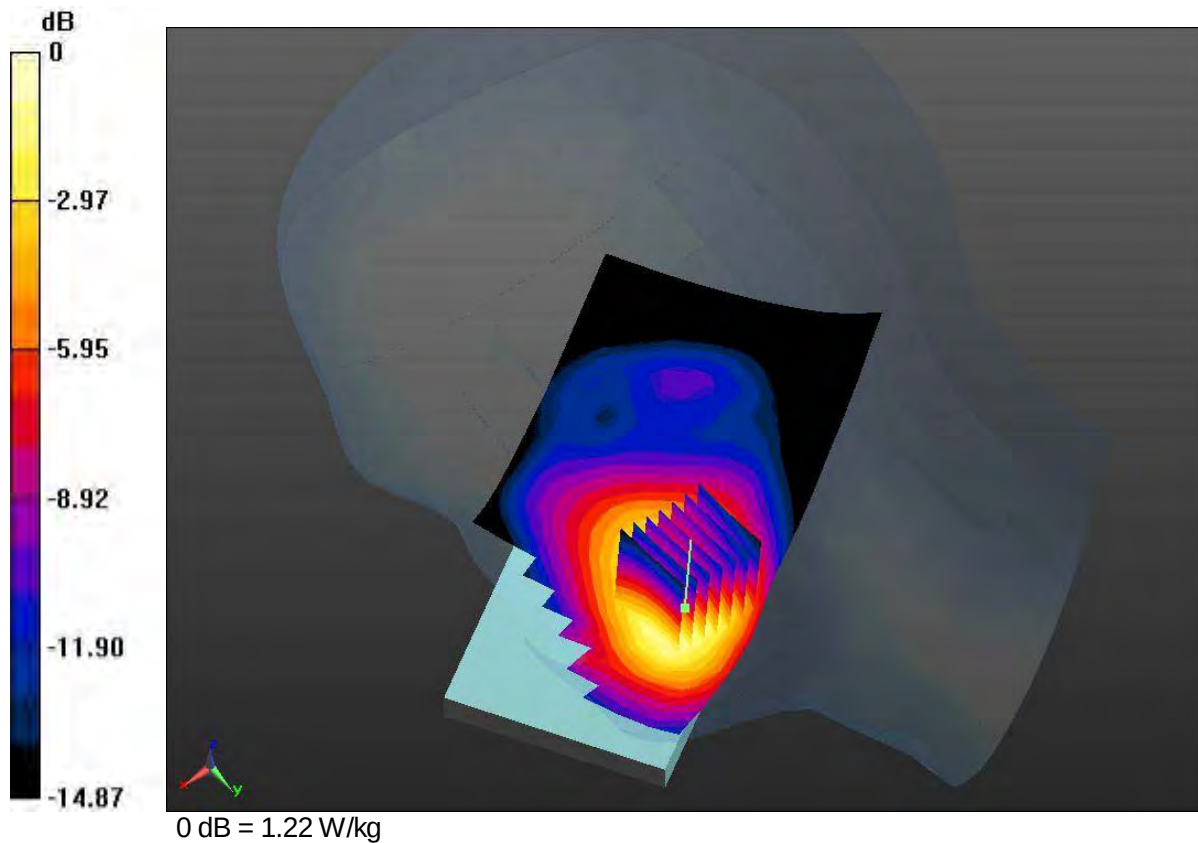
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.704 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.596 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Left Tilt, WCDMA 1900 Ch.9400, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.249 W/kg

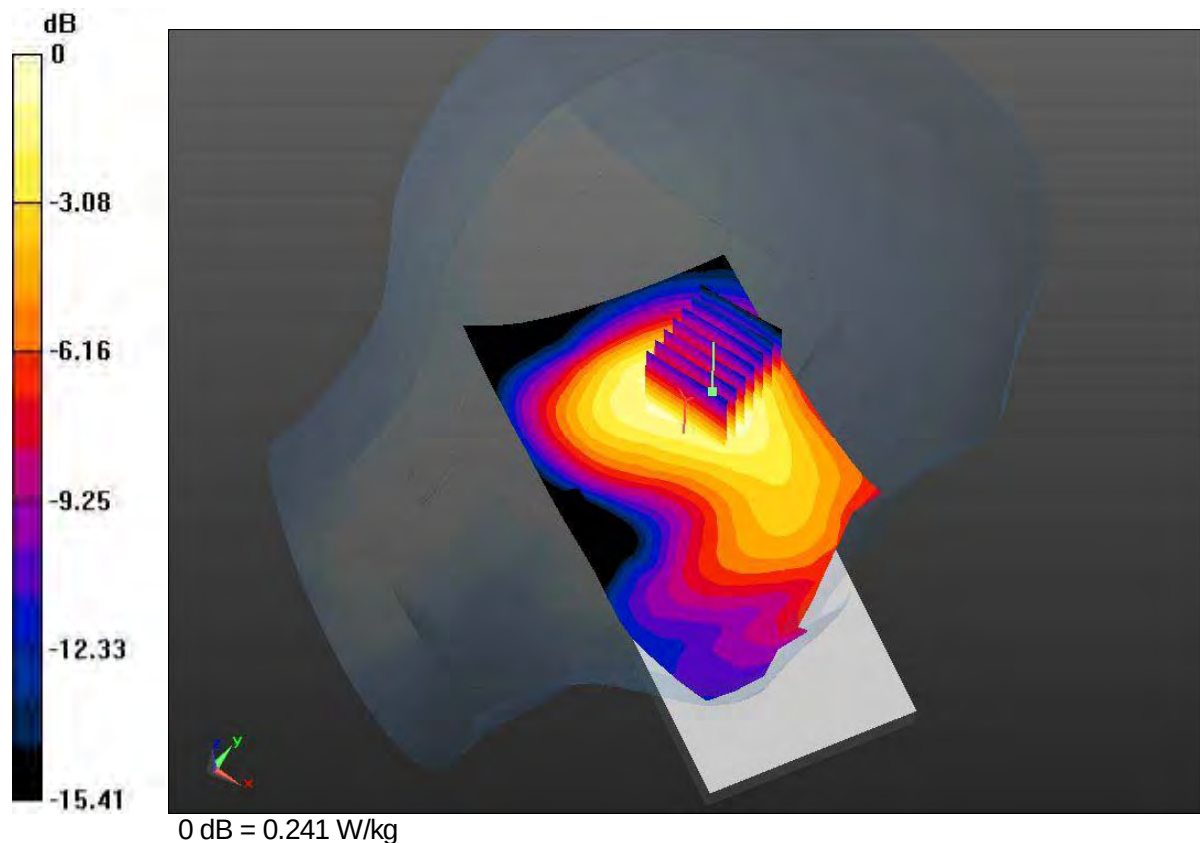
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.60 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1880MHz

Medium parameters used: $f=1880\text{MHz}$, $\sigma=1.376\text{S/m}$, $\epsilon_r=39.039$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-25; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Tilt, WCDMA 1900 Ch.9400, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.253 W/kg

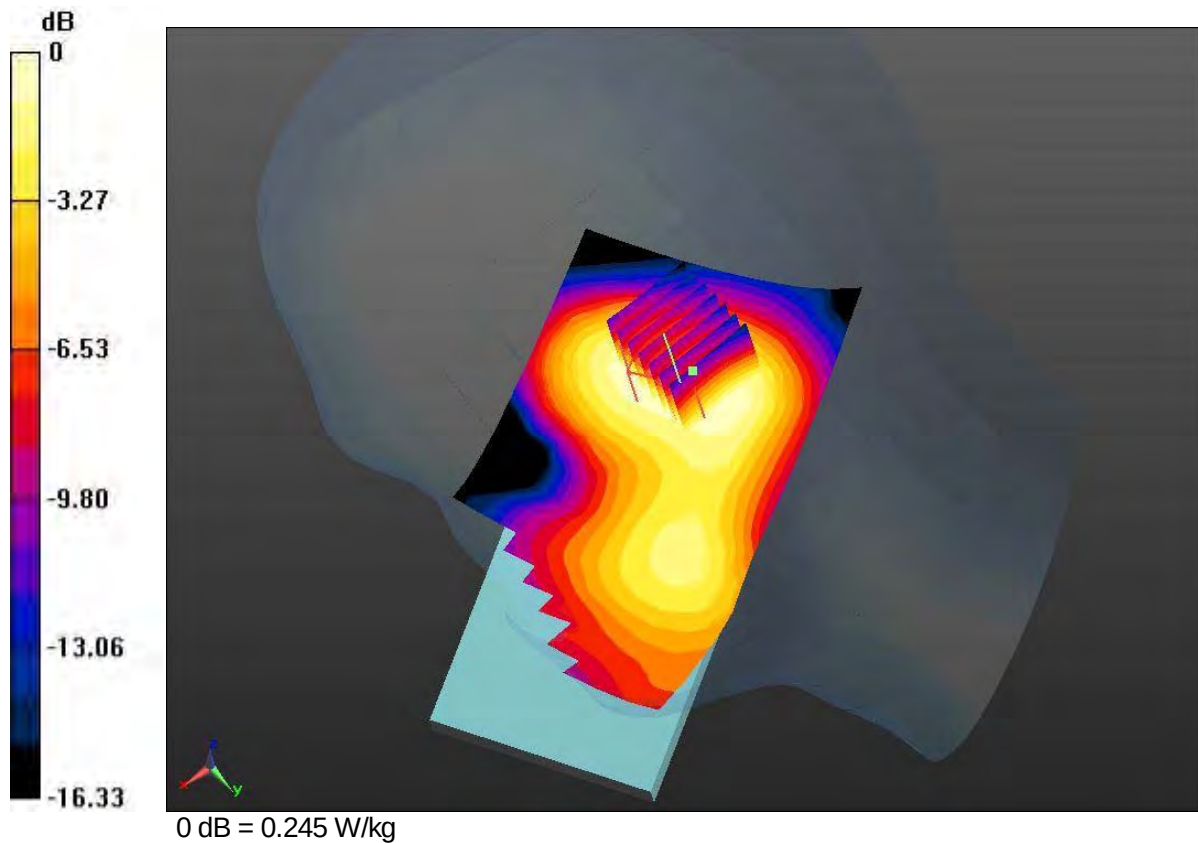
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.73 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.245 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: WCDMA 1900; Frequency: 1907.6MHz

Medium parameters used: $f=1907.6\text{MHz}$, $\sigma=1.403\text{S/m}$, $\epsilon_r=38.918$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.35, 8.35, 8.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-26; Ambient Temp: 23.2; Tissue Temp: 22.7

Right Touch, WCDMA 1900 Ch.9538, Ant Internal, Standard Battery

Area Scan (10x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.20 W/kg

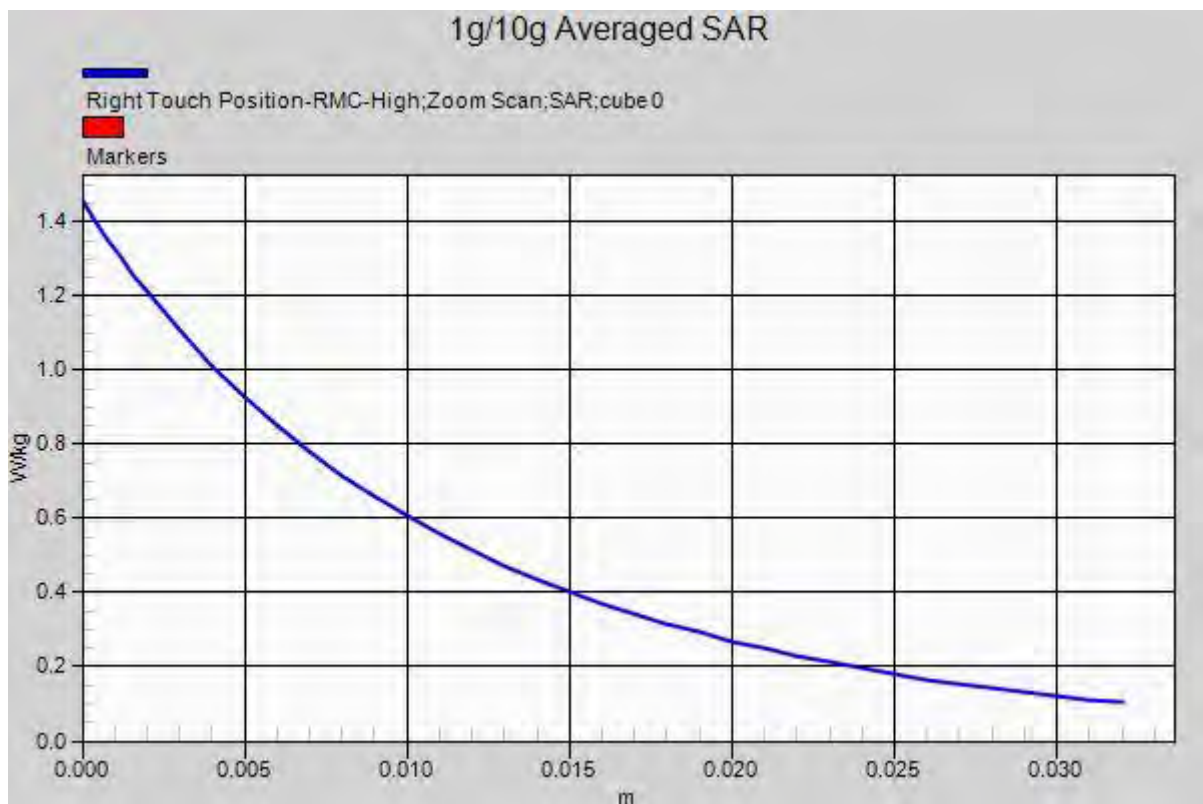
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.704 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.596 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 711MHz

Medium parameters used: $f=711\text{MHz}$, $\sigma=0.895\text{S/m}$, $\epsilon_r=41.903$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Left Touch, LTE Band 17 Ch.23800, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 1

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.172 W/kg

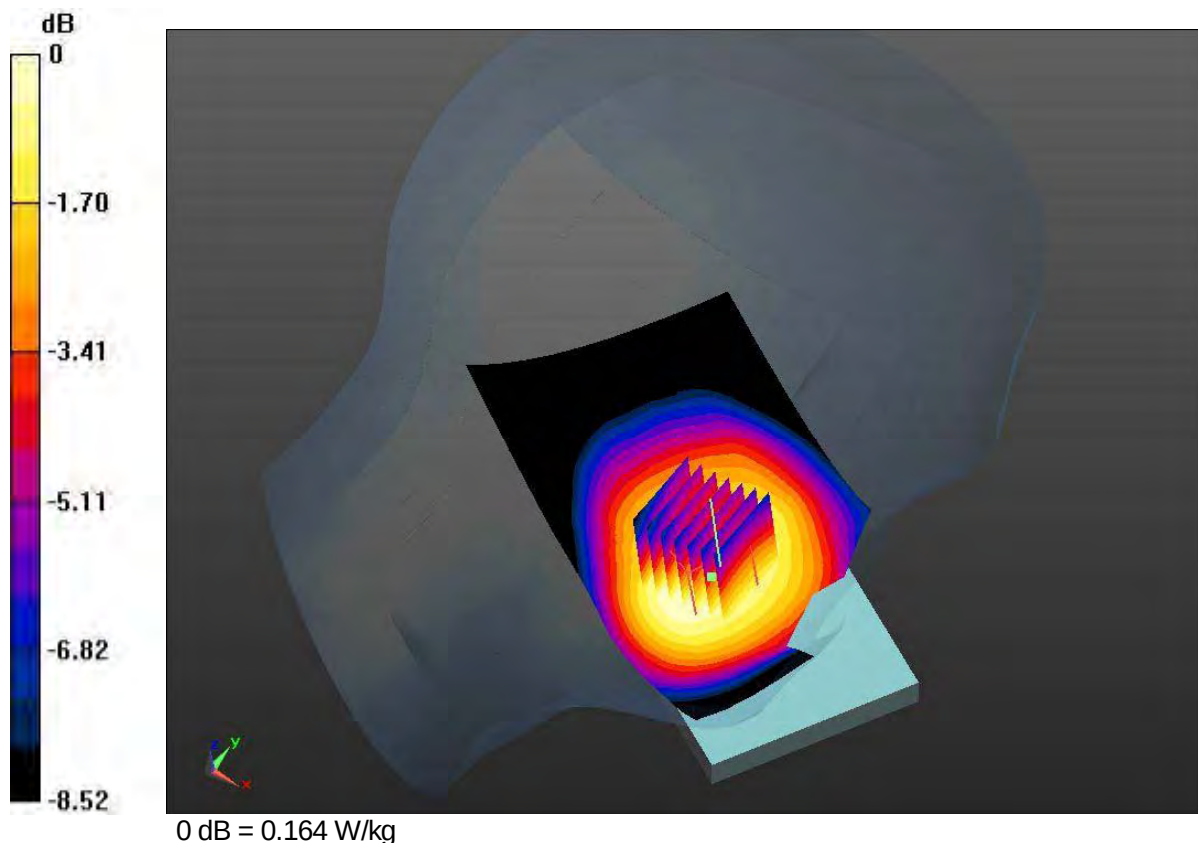
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.992 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 711MHz

Medium parameters used: $f=711\text{MHz}$, $\sigma=0.895\text{S/m}$, $\epsilon_r=41.903$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Right Touch, LTE Band 17 Ch.23800, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 1

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.184 W/kg

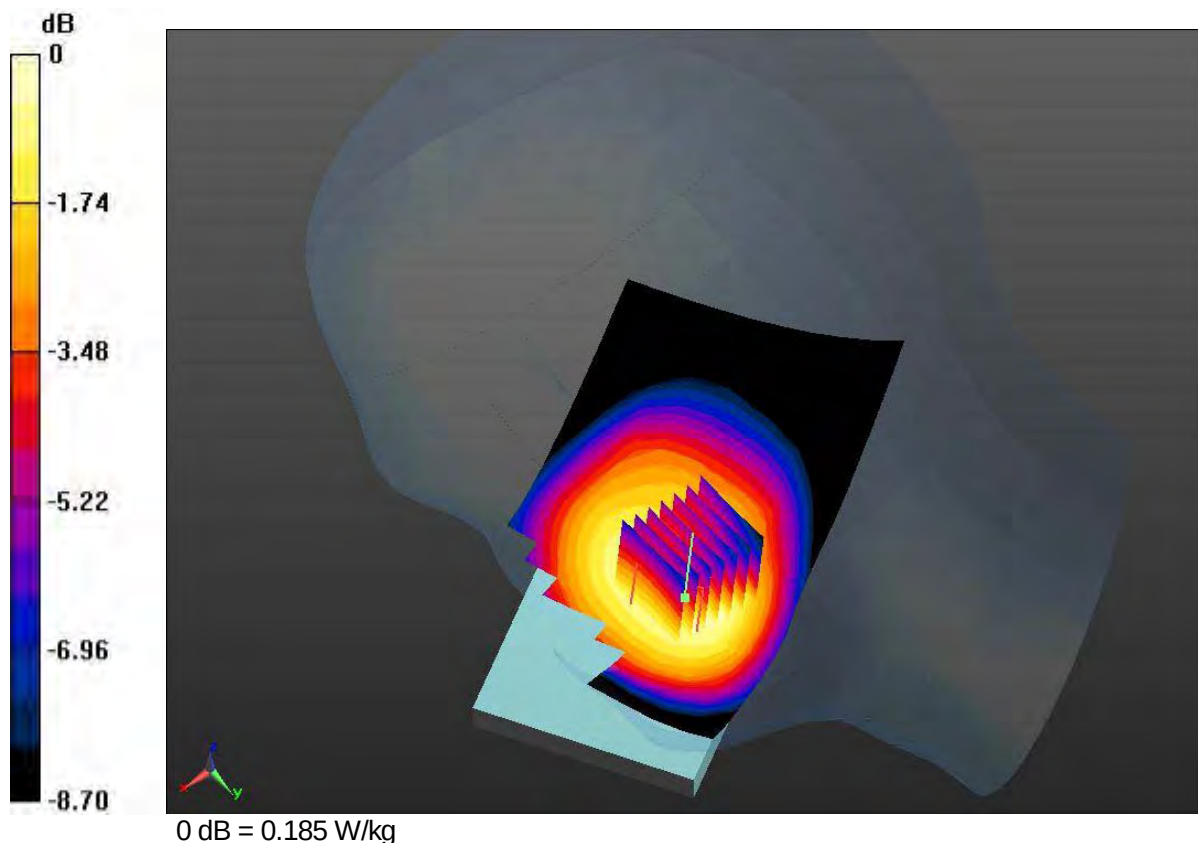
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.333 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.126 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 711MHz

Medium parameters used: $f=711\text{MHz}$, $\sigma=0.895\text{S/m}$, $\epsilon_r=41.903$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Left Tilt, LTE Band 17 Ch.23800, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 1

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.155 W/kg

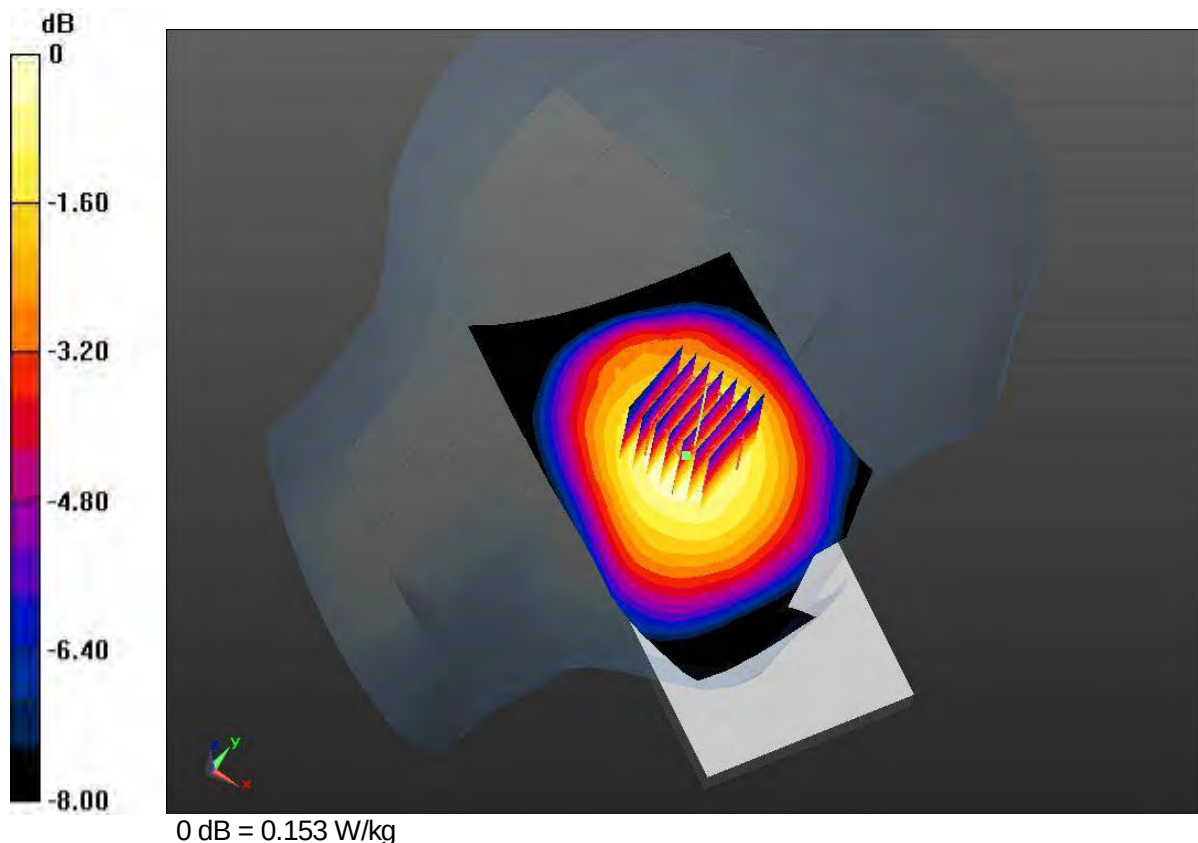
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 711MHz

Medium parameters used: $f=711\text{MHz}$, $\sigma=0.895\text{S/m}$, $\epsilon_r=41.903$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Right Tilt, LTE Band 17 Ch.23800, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 1

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.148 W/kg

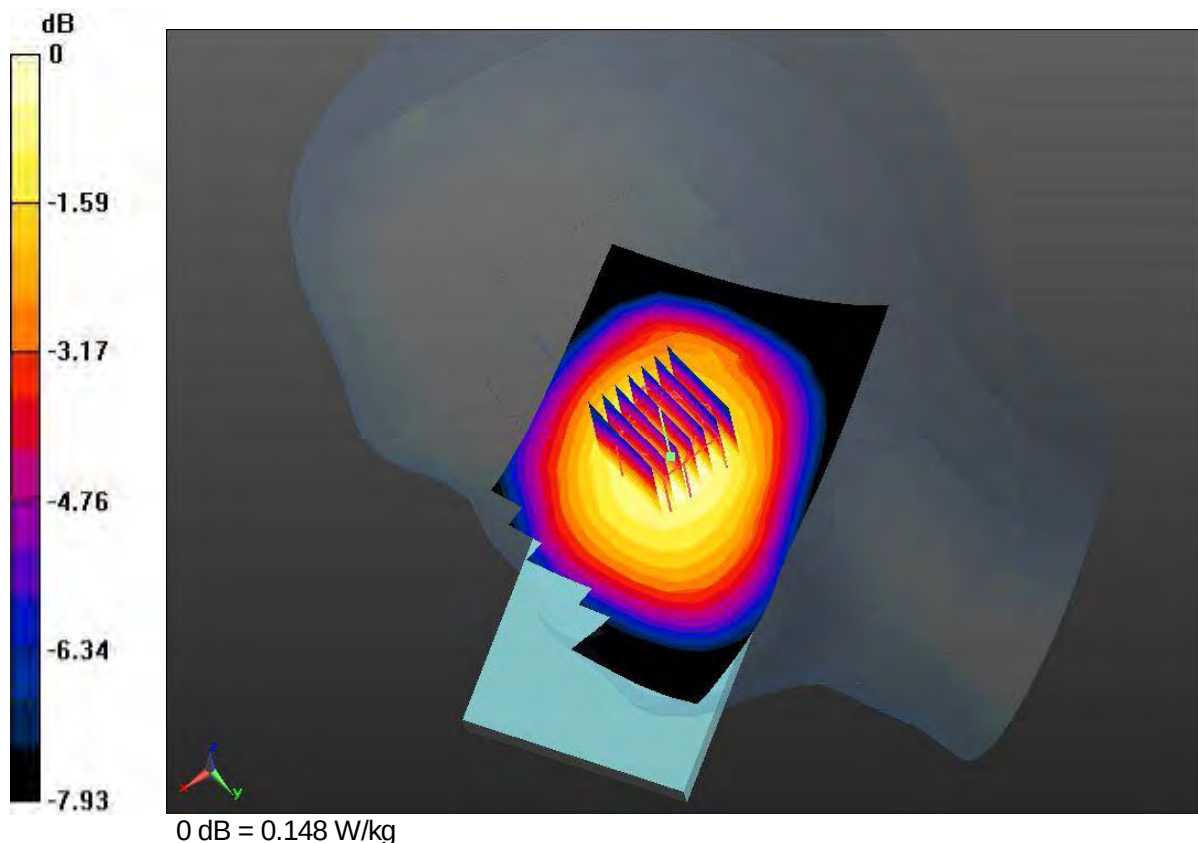
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.576 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.0990 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 711MHz

Medium parameters used: $f=711\text{MHz}$, $\sigma=0.895\text{S/m}$, $\epsilon_r=41.903$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Right Touch, LTE Band 17 Ch.23800, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 1

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.184 W/kg

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

Reference Value = 6.333 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.126 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 710MHz

Medium parameters used: $f=710\text{MHz}$, $\sigma=0.891\text{S/m}$, $\epsilon_r=41.938$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Left Touch, LTE Band 17 Ch.23790, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 25

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.137 W/kg

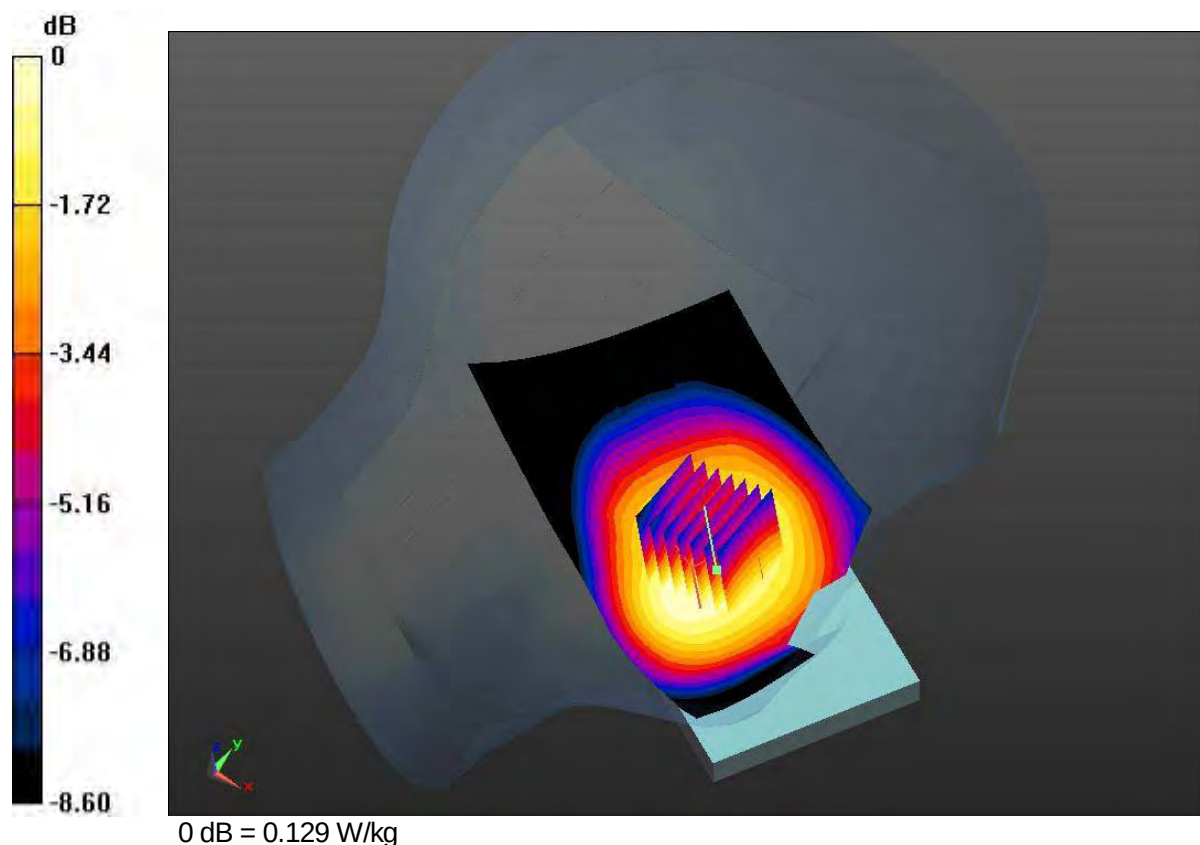
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.404 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.0882 W/kg

Maximum value of SAR (measured) = 0.129 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 710MHz

Medium parameters used: $f=710\text{MHz}$, $\sigma=0.891\text{S/m}$, $\epsilon_r=41.938$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Right Touch, LTE Band 17 Ch.23790, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 25

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.152 W/kg

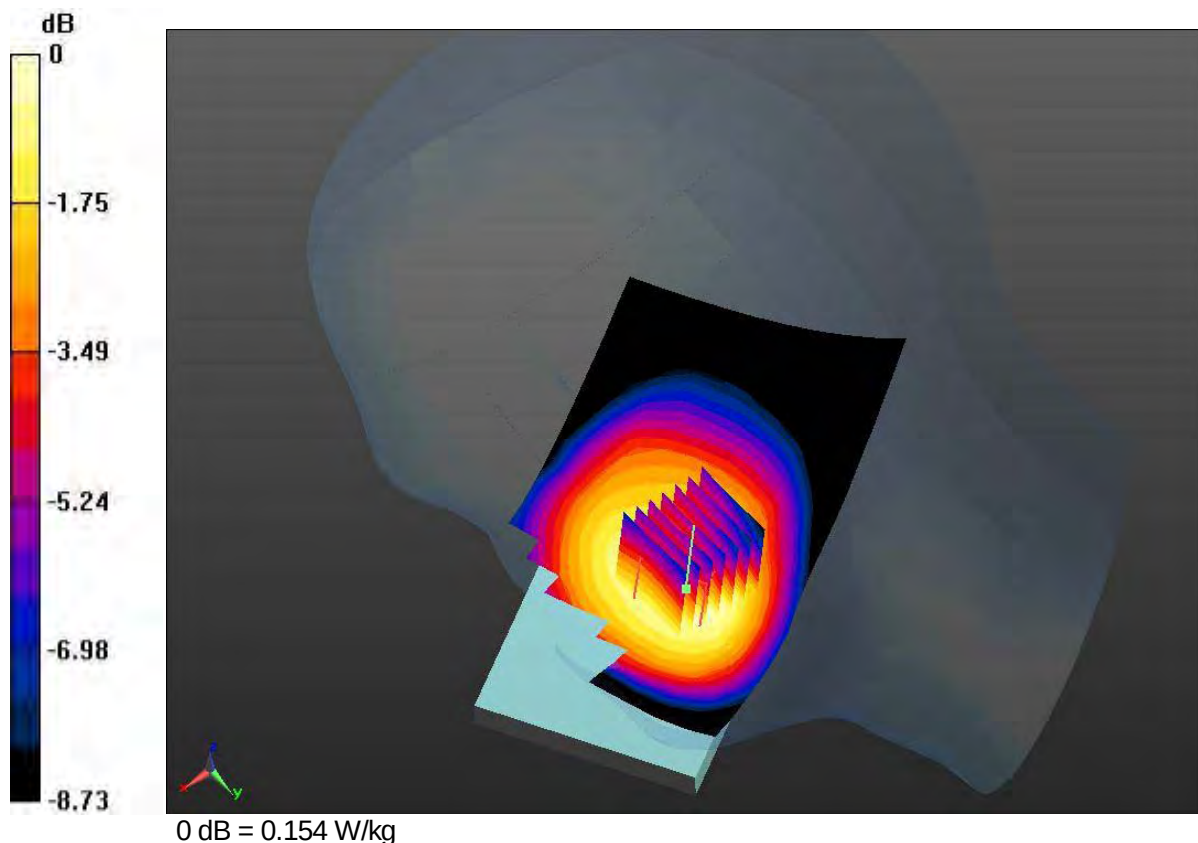
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.716 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.104 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 710MHz

Medium parameters used: $f=710\text{MHz}$, $\sigma=0.891\text{S/m}$, $\epsilon_r=41.938$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Left Tilt, LTE Band 17 Ch.23790, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 25

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.121 W/kg

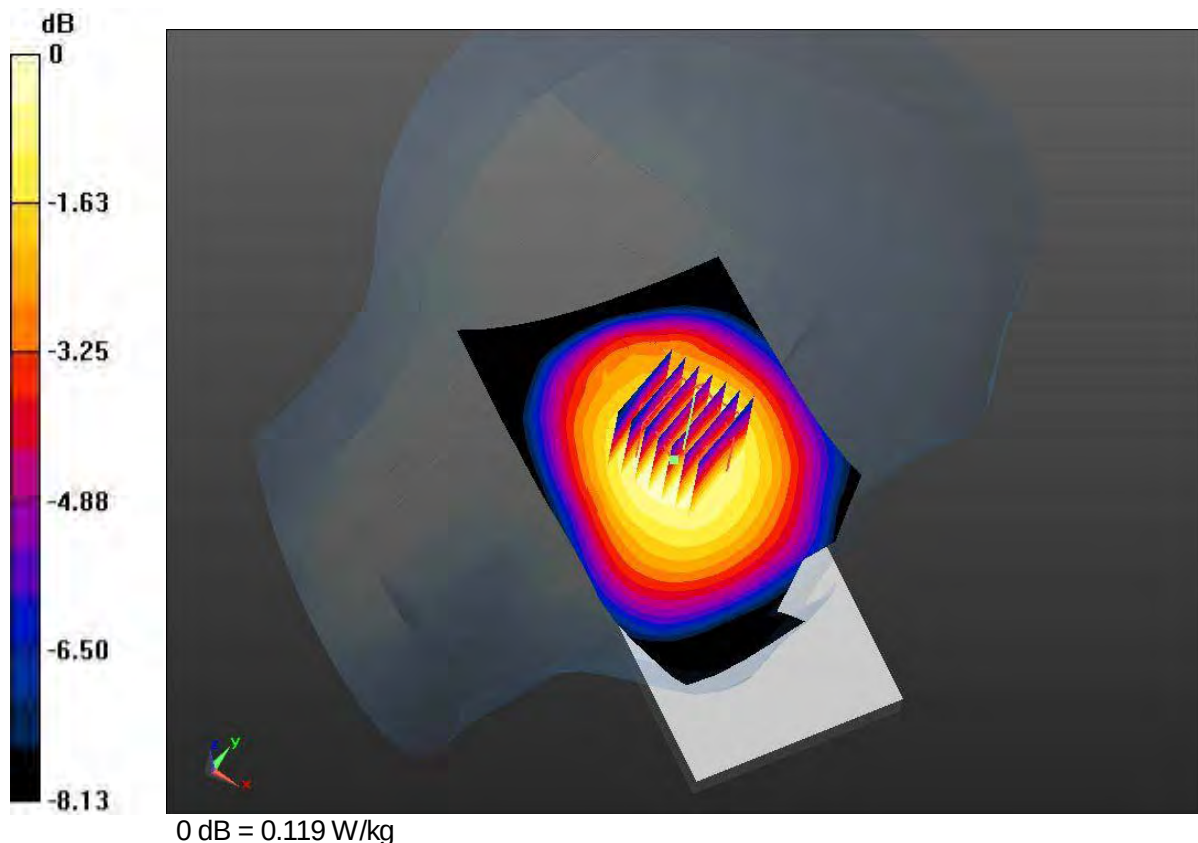
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.009 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.0797 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 710MHz

Medium parameters used: $f=710\text{MHz}$, $\sigma=0.891\text{S/m}$, $\epsilon_r=41.938$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Right Tilt, LTE Band 17 Ch.23790, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 25

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

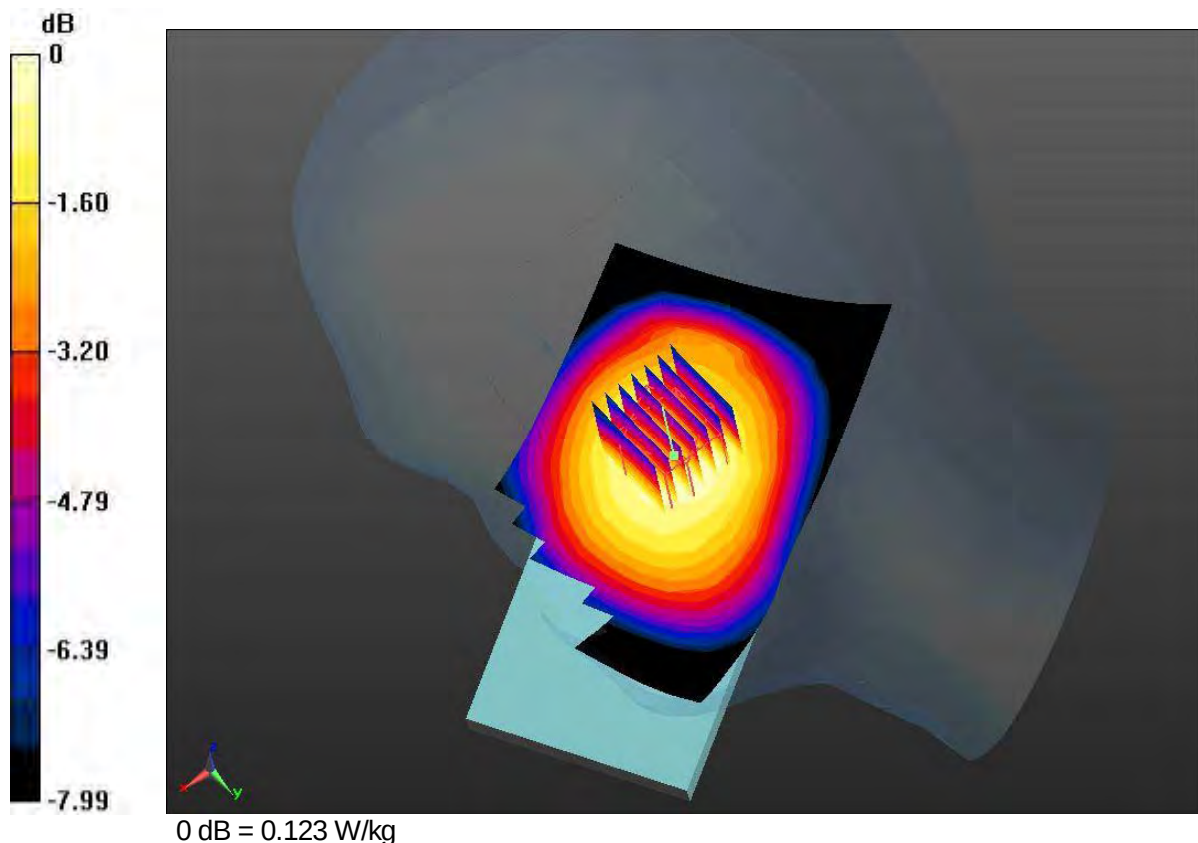
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.867 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.0828 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: LTE Band 17; Frequency: 710MHz

Medium parameters used: $f=710\text{MHz}$, $\sigma=0.891\text{S/m}$, $\epsilon_r=41.938$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.35, 10.35, 10.35); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-27; Ambient Temp: 23.8; Tissue Temp: 23.1

Right Touch, LTE Band 17 Ch.23790, Ant Internal, Standard Battery

Mode: Bandwidth 10MHz, QPSK, RB size: 25

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.152 W/kg

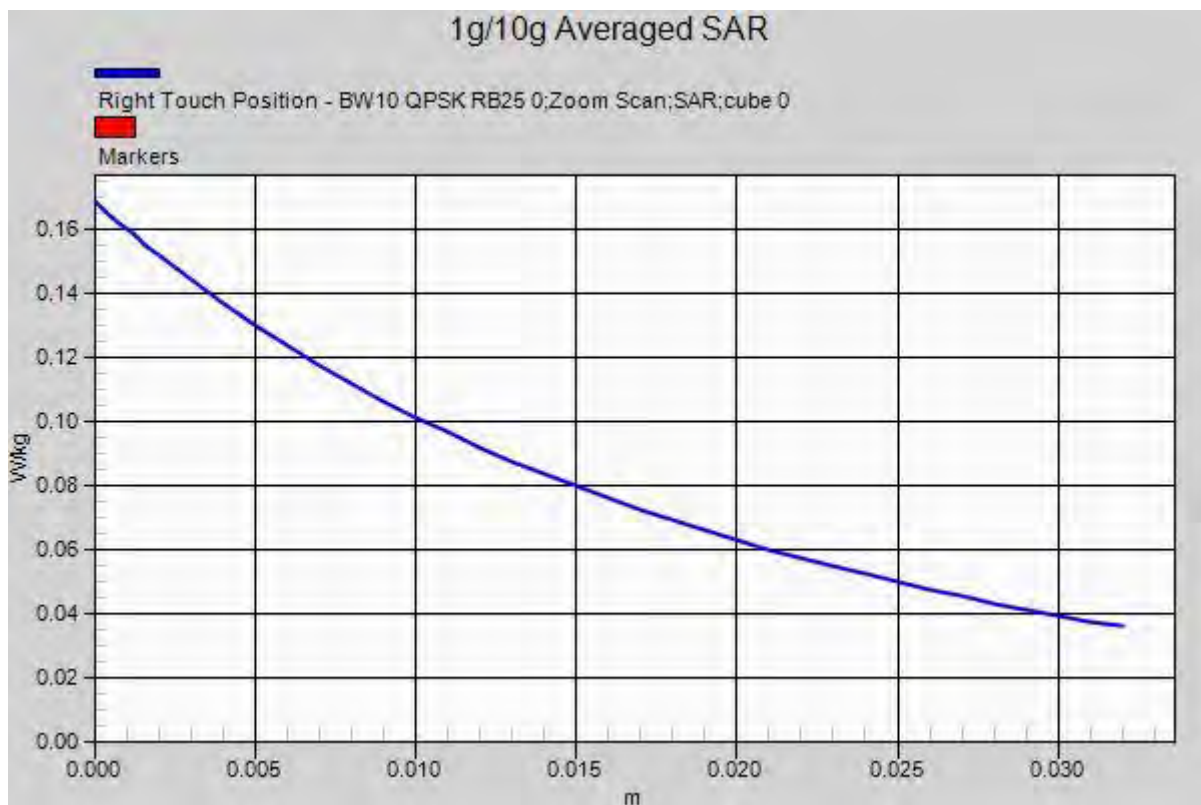
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.716 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.104 W/kg

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



DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_2400; Frequency: 2462MHz

Medium parameters used: $f=2462\text{MHz}$, $\sigma=1.866\text{S/m}$, $\epsilon_r=38.801$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.49, 7.49, 7.49); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-16; Ambient Temp: 22.9; Tissue Temp: 22.6

Left Touch, W-LAN (802.11b) Ch.11, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.302 W/kg

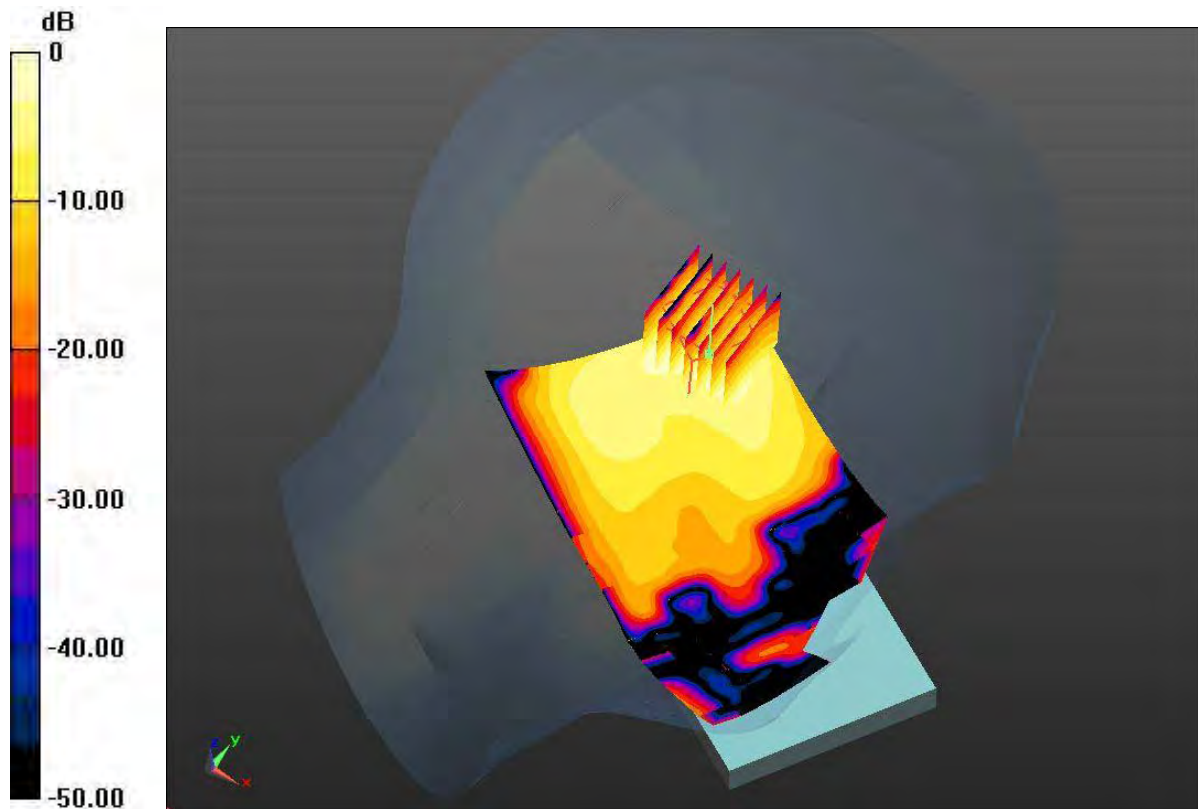
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.809 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.0880 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_2400; Frequency: 2462MHz

Medium parameters used: $f=2462\text{MHz}$, $\sigma=1.866\text{S/m}$, $\epsilon_r=38.801$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.49, 7.49, 7.49); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-16; Ambient Temp: 22.9; Tissue Temp: 22.6

Right Touch, W-LAN (802.11b) Ch.11, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.183 W/kg

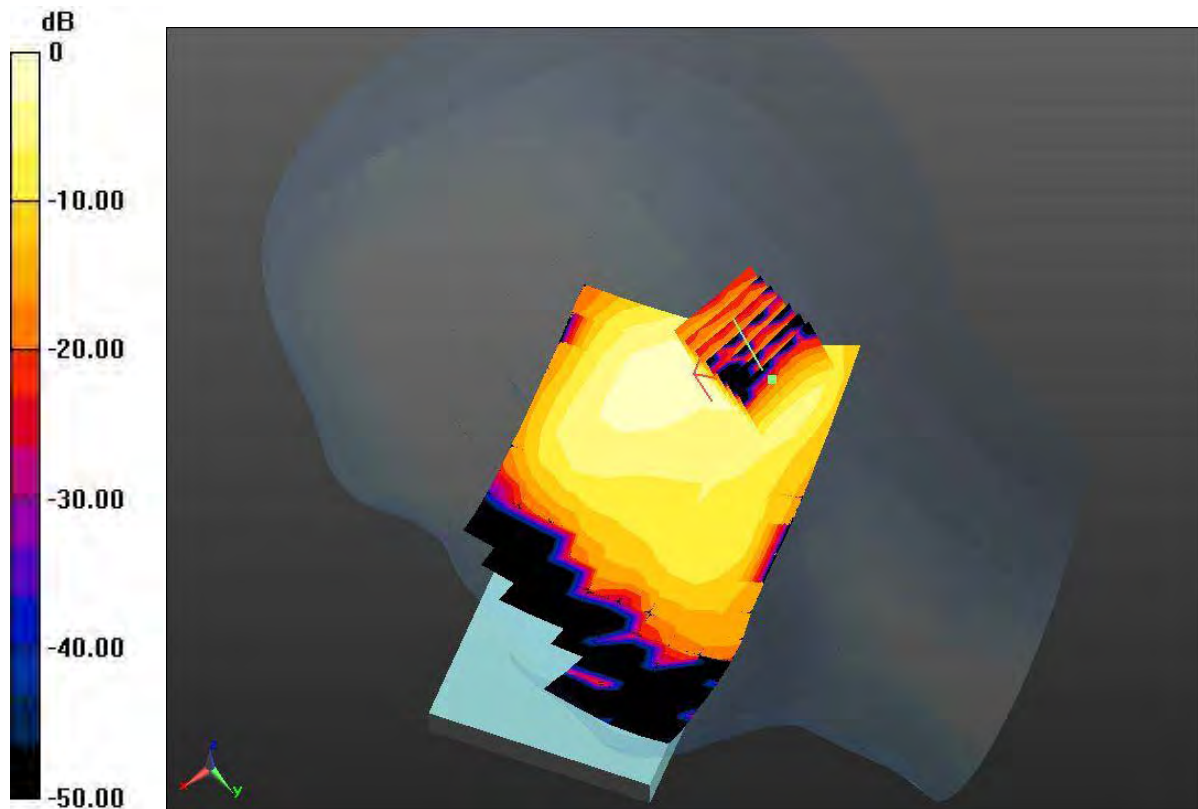
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.126 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.0640 W/kg

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



0 dB = 0.196 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_2400; Frequency: 2462MHz

Medium parameters used: $f=2462\text{MHz}$, $\sigma=1.866\text{S/m}$, $\epsilon_r=38.801$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.49, 7.49, 7.49); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-16; Ambient Temp: 22.9; Tissue Temp: 22.6

Left Tilt, W-LAN (802.11b) Ch.11, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.351 W/kg

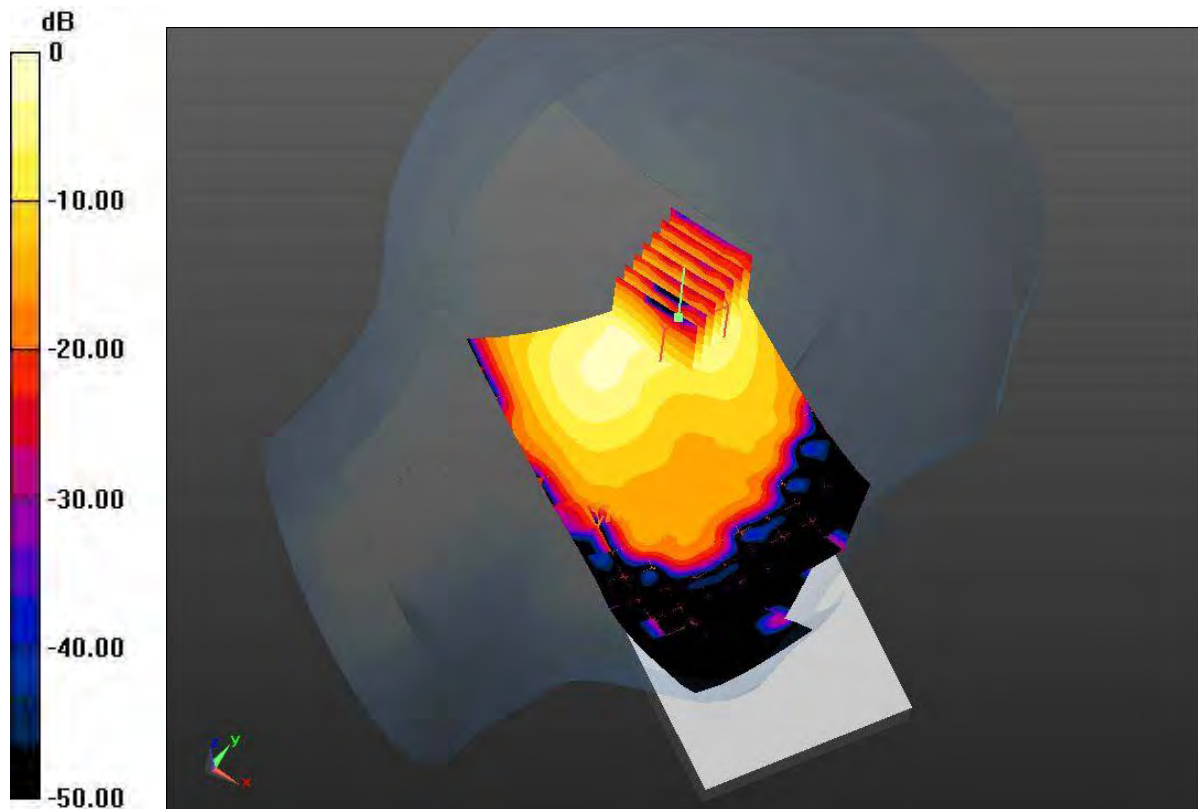
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.925 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.350 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_2400; Frequency: 2462MHz

Medium parameters used: $f=2462\text{MHz}$, $\sigma=1.866\text{S/m}$, $\epsilon_r=38.801$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.49, 7.49, 7.49); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-16; Ambient Temp: 22.9; Tissue Temp: 22.6

Right Tilt, W-LAN (802.11b) Ch.11, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.241 W/kg

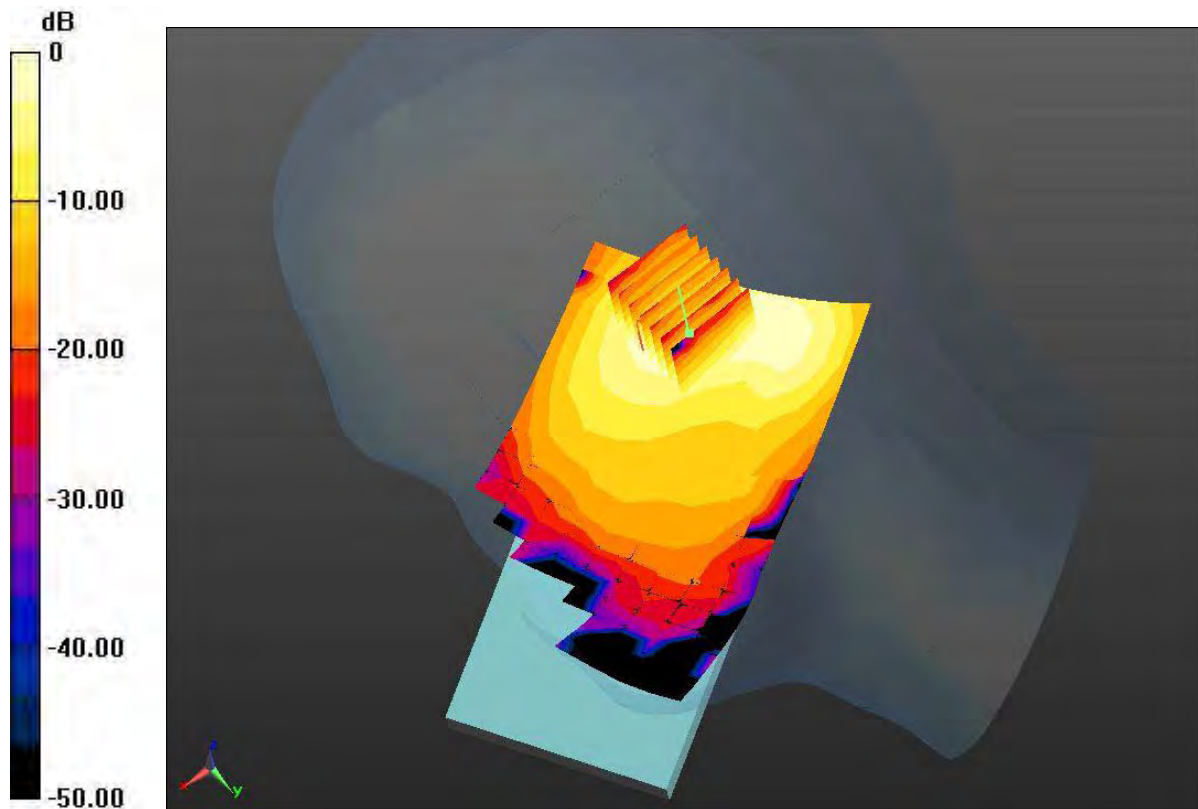
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.635 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.0885 W/kg

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



0 dB = 0.243 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_2400; Frequency: 2462MHz

Medium parameters used: $f=2462\text{MHz}$, $\sigma=1.866\text{S/m}$, $\epsilon_r=38.801$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.49, 7.49, 7.49); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-16; Ambient Temp: 22.9; Tissue Temp: 22.6

Left Tilt, W-LAN (802.11b) Ch.11, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.351 W/kg

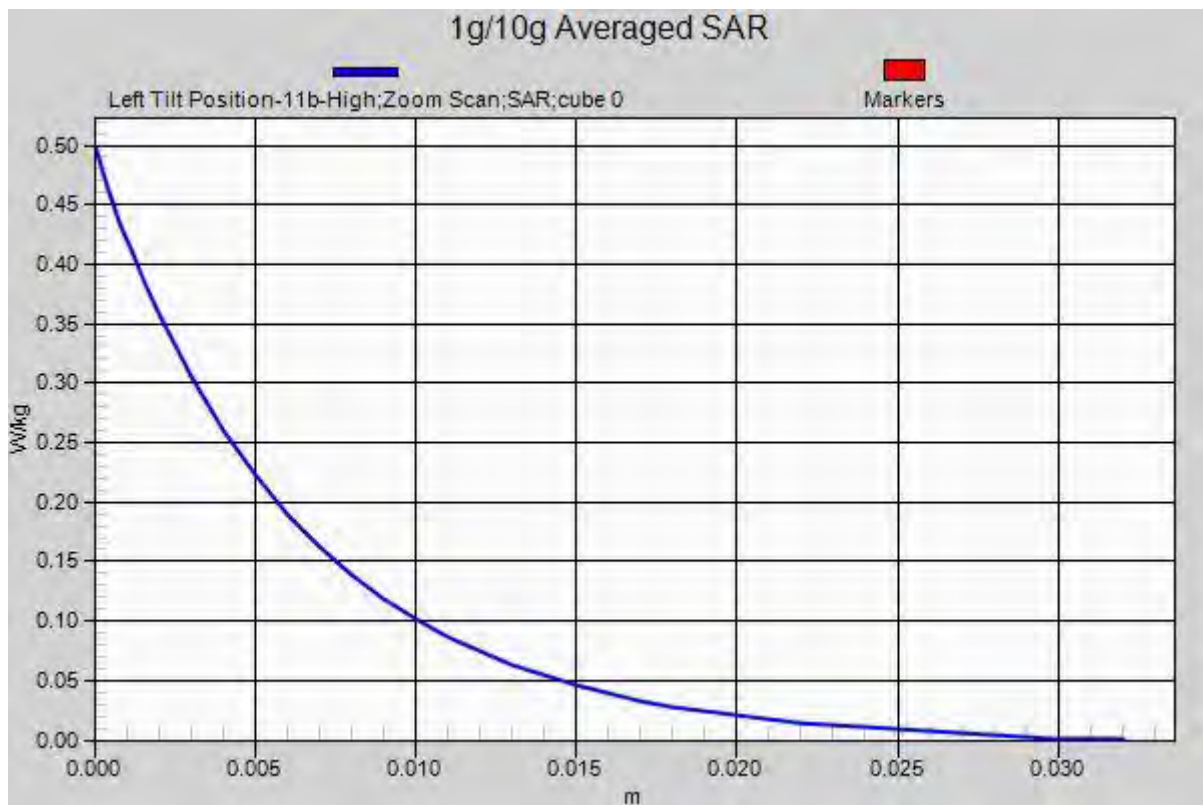
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.925 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.350 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5200; Frequency: 5200MHz

Medium parameters used: $f=5200\text{MHz}$, $\sigma=4.527\text{S/m}$, $\epsilon_r=37.03$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.94, 4.94, 4.94); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Touch, W-LAN (802.11a - 5.2G Band) Ch.40, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0276 W/kg

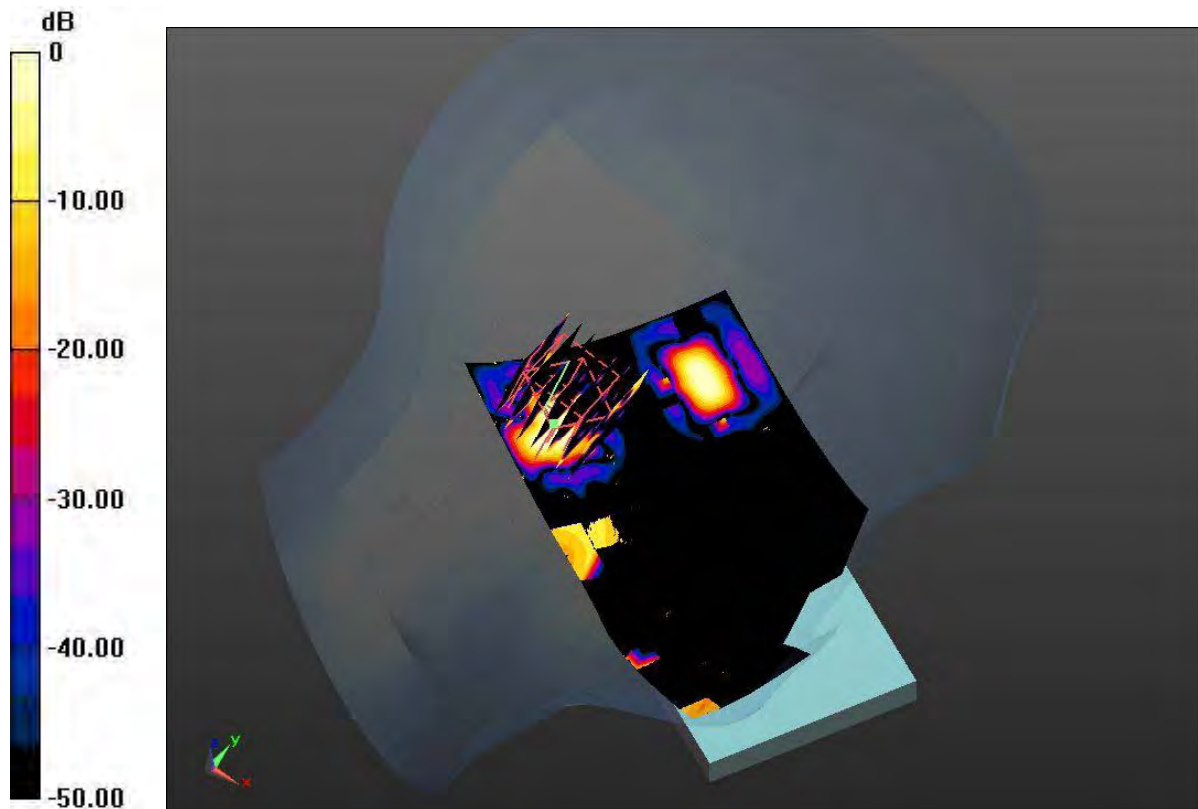
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.00464 W/kg; SAR(10 g) = 0.000585 W/kg

Maximum value of SAR (measured) = 0.0196 W/kg



0 dB = 0.0196 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5200; Frequency: 5200MHz

Medium parameters used: $f=5200\text{MHz}$, $\sigma=4.527\text{S/m}$, $\epsilon_r=37.03$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.94, 4.94, 4.94); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Right Touch, W-LAN (802.11a - 5.2G Band) Ch.40, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0356 W/kg

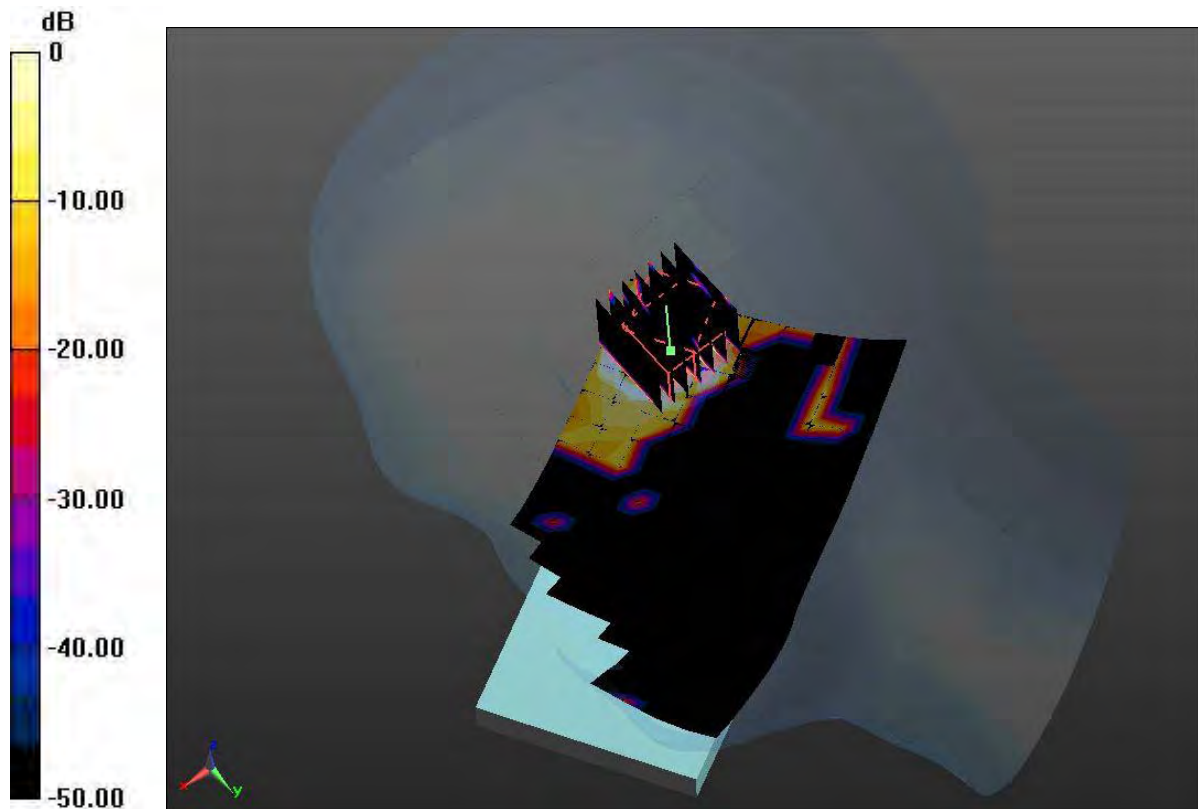
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.00839 W/kg; SAR(10 g) = 0.00182 W/kg

Maximum value of SAR (measured) = 0.0276 W/kg



0 dB = 0.0276 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5200; Frequency: 5200MHz

Medium parameters used: $f=5200\text{MHz}$, $\sigma=4.527\text{S/m}$, $\epsilon_r=37.03$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.94, 4.94, 4.94); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Tilt, W-LAN (802.11a - 5.2G Band) Ch.40, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

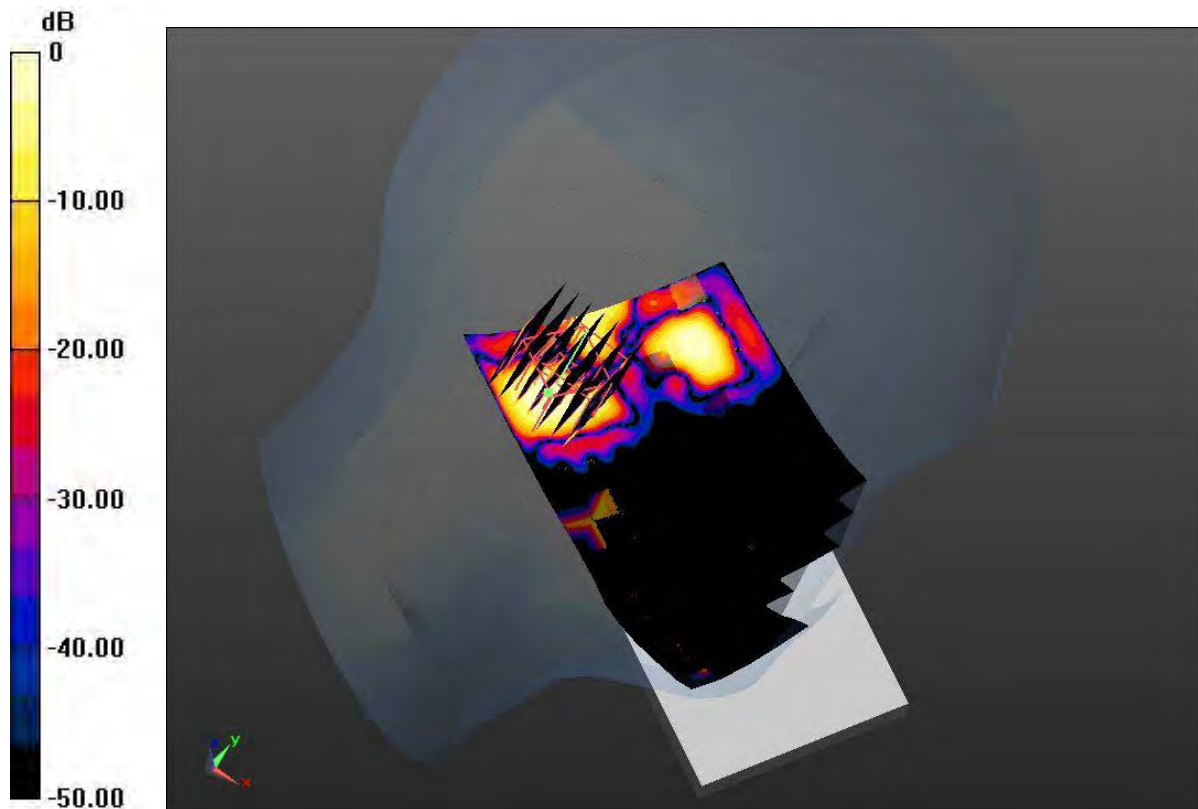
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.0130 W/kg; SAR(10 g) = 0.00287 W/kg

Maximum value of SAR (measured) = 0.0311 W/kg



0 dB = 0.0311 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5200; Frequency: 5210MHz

Medium parameters used: $f=5210\text{MHz}$, $\sigma=4.532\text{S/m}$, $\epsilon_r=37.034$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.94, 4.94, 4.94); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Tilt, W-LAN (802.11ac VHT80 - 5.2G Band) Ch.42, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0277 W/kg

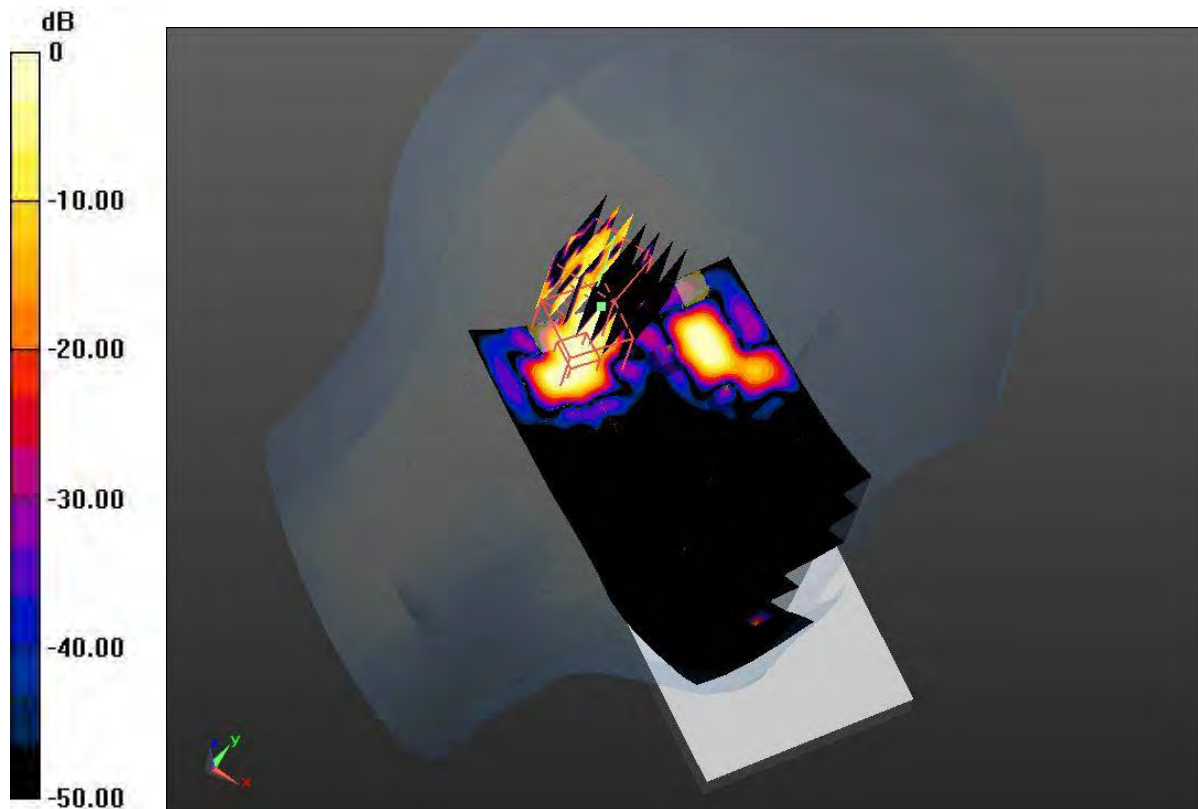
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.00720 W/kg; SAR(10 g) = 0.00179 W/kg

Maximum value of SAR (measured) = 0.0190 W/kg



0 dB = 0.0190 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5200; Frequency: 5200MHz

Medium parameters used: $f=5200\text{MHz}$, $\sigma=4.527\text{S/m}$, $\epsilon_r=37.03$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.94, 4.94, 4.94); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Right Tilt, W-LAN (802.11a - 5.2G Band) Ch.40, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0359 W/kg

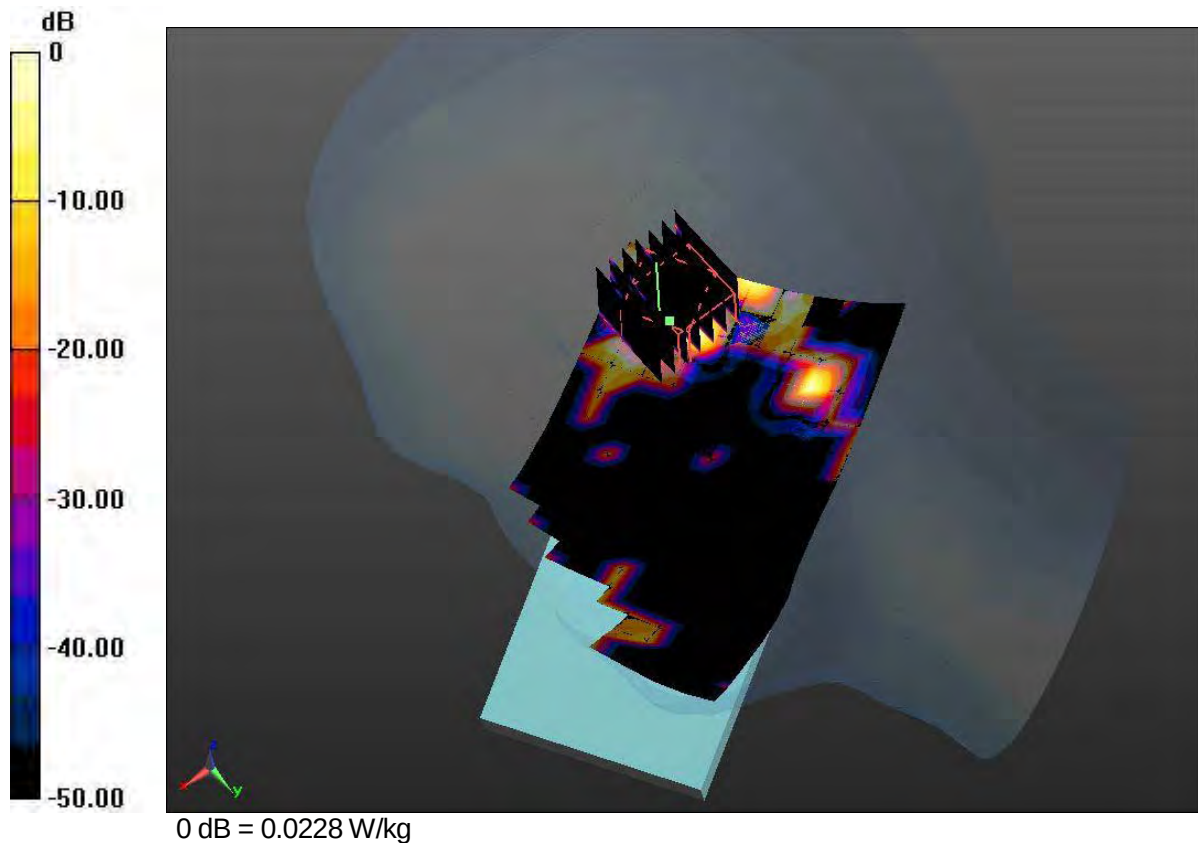
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.00707 W/kg; SAR(10 g) = 0.00110 W/kg

Maximum value of SAR (measured) = 0.0228 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5200; Frequency: 5200MHz

Medium parameters used: $f=5200\text{MHz}$, $\sigma=4.527\text{S/m}$, $\epsilon_r=37.03$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.94, 4.94, 4.94); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Tilt, W-LAN (802.11a-5.2G Band) Ch.40, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

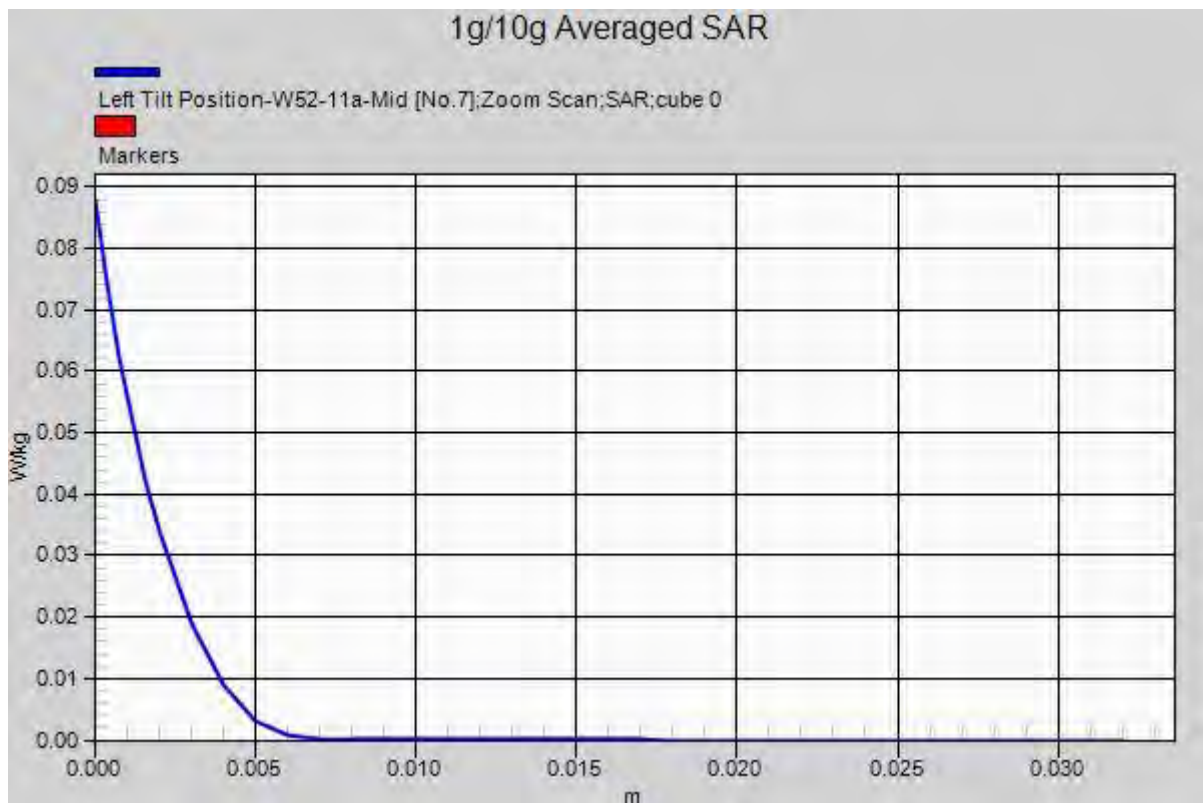
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.0130 W/kg; SAR(10 g) = 0.00287 W/kg

Maximum value of SAR (measured) = 0.0311 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5300; Frequency: 5280MHz

Medium parameters used: $f=5280\text{MHz}$, $\sigma=4.615\text{S/m}$, $\epsilon_r=36.887$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(5.03, 5.03, 5.03); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Touch, W-LAN (802.11a - 5.3G Band) Ch.56, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0710 W/kg

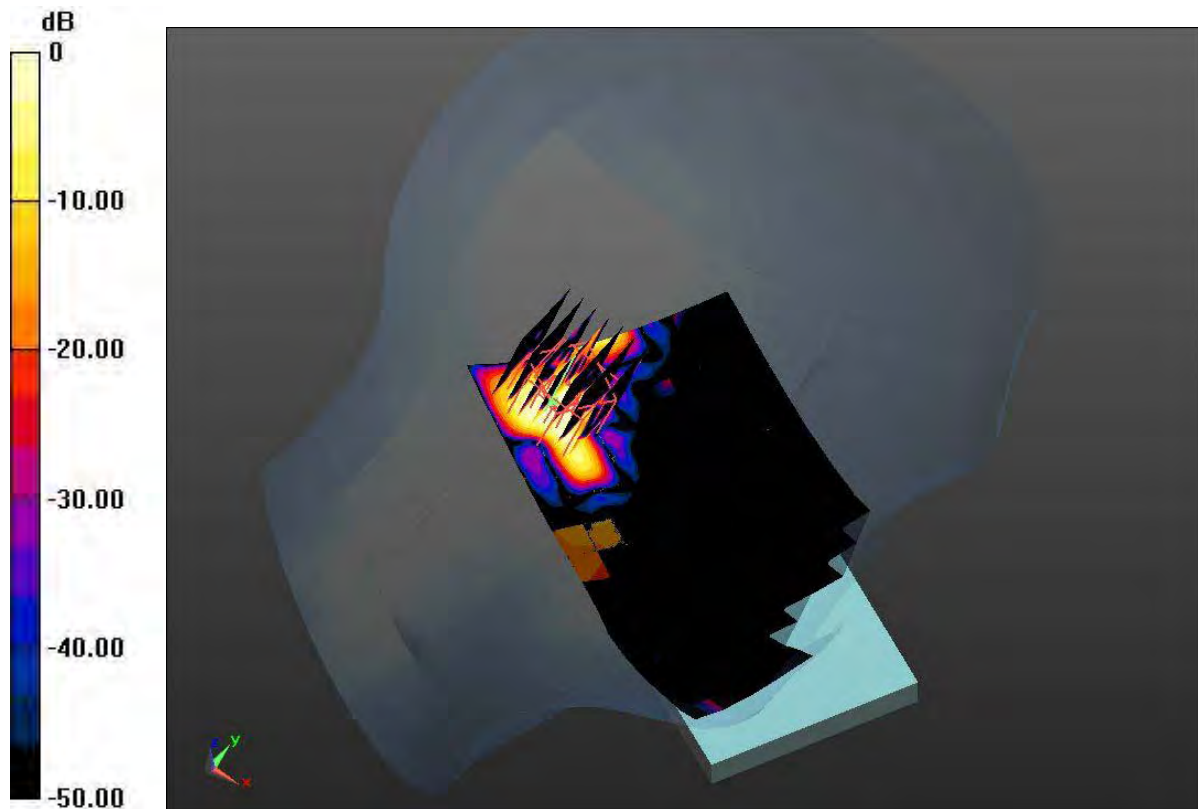
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.0335 W/kg; SAR(10 g) = 0.00931 W/kg

Maximum value of SAR (measured) = 0.0757 W/kg



0 dB = 0.0757 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5300; Frequency: 5280MHz

Medium parameters used: $f=5280\text{MHz}$, $\sigma=4.615\text{S/m}$, $\epsilon_r=36.887$; $\rho=1000\text{kg/m}^3$

Phantom section: Right section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(5.03, 5.03, 5.03); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Right Touch, W-LAN (802.11a - 5.3G Band) Ch.56, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0959 W/kg

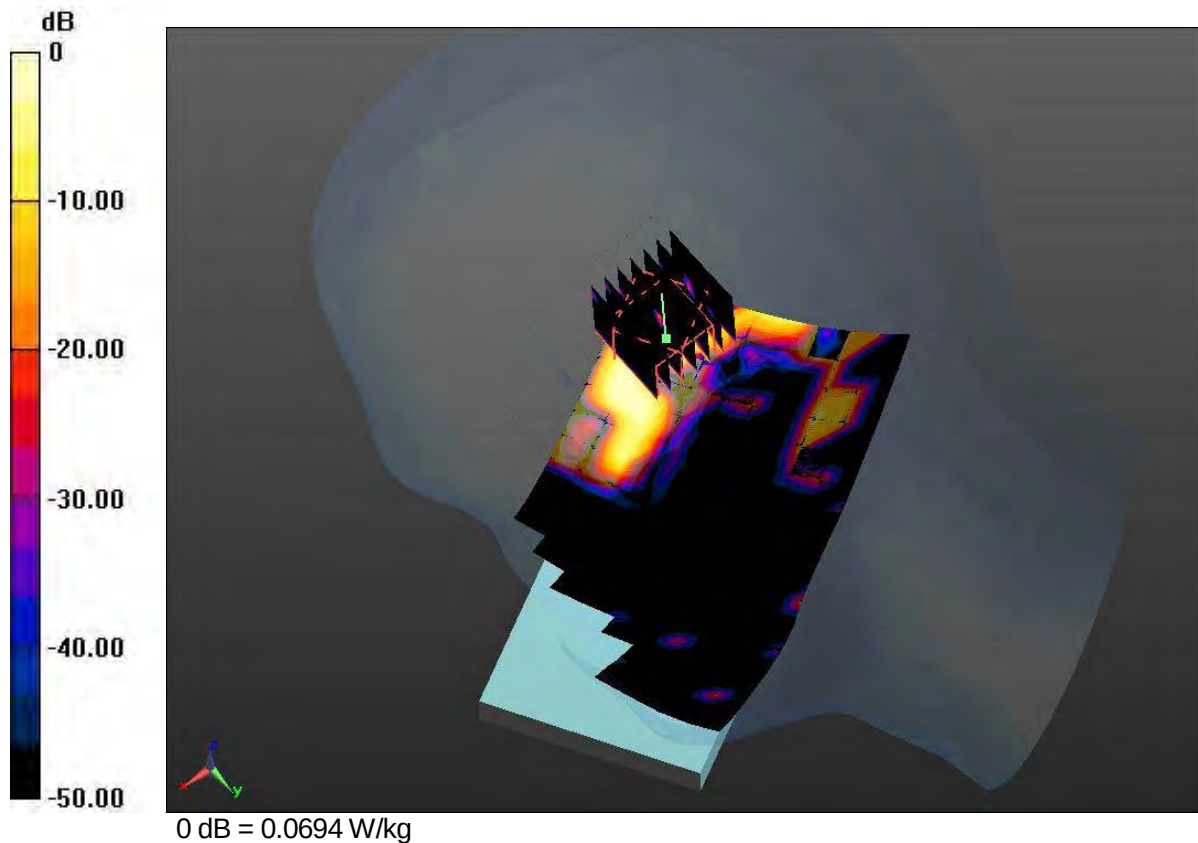
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.0315 W/kg; SAR(10 g) = 0.00814 W/kg

Maximum value of SAR (measured) = 0.0694 W/kg



DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5300; Frequency: 5280MHz

Medium parameters used: $f=5280\text{MHz}$, $\sigma=4.615\text{S/m}$, $\epsilon_r=36.887$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(5.03, 5.03, 5.03); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-29; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Tilt, W-LAN (802.11a - 5.3G Band) Ch.56, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0834 W/kg

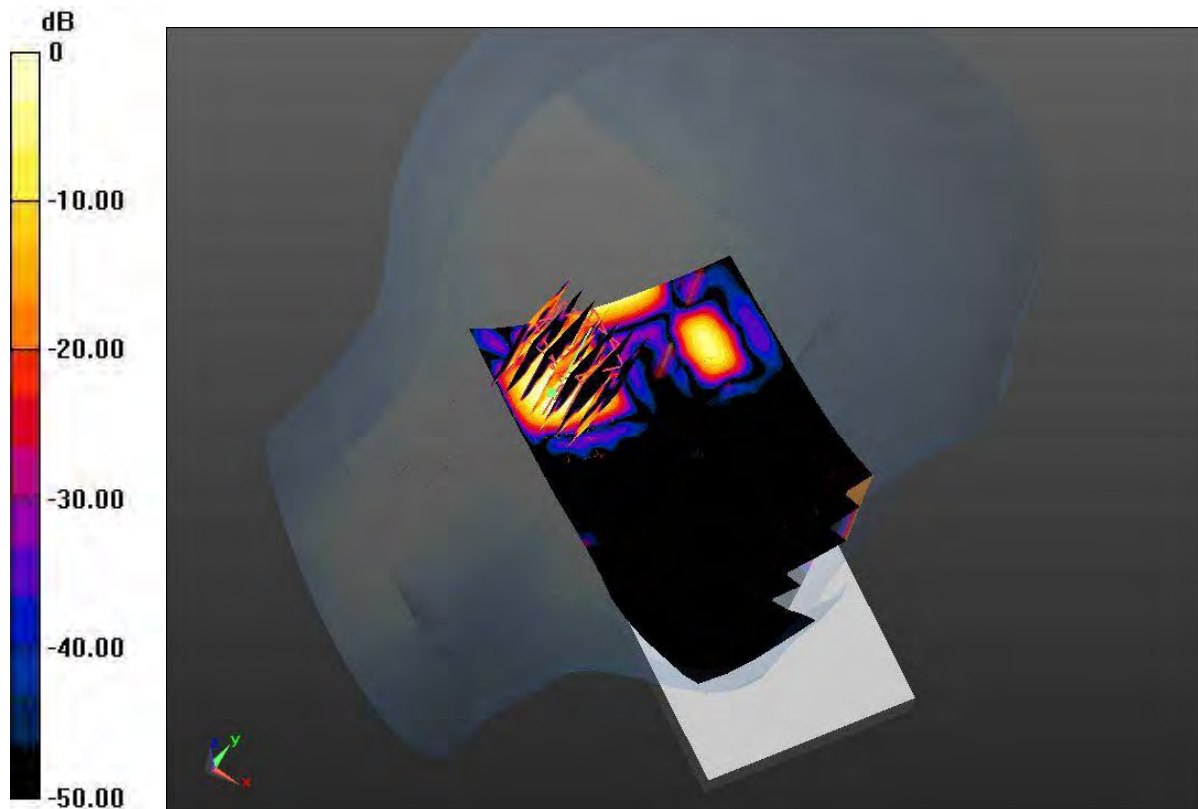
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.0365 W/kg; SAR(10 g) = 0.0101 W/kg

Maximum value of SAR (measured) = 0.0793 W/kg



0 dB = 0.0793 W/kg

DUT: KYV31; Type: Mobile Phone

Communication System: W-LAN_5300; Frequency: 5290MHz

Medium parameters used: $f=5290\text{MHz}$, $\sigma=4.609\text{S/m}$, $\epsilon_r=36.94$; $\rho=1000\text{kg/m}^3$

Phantom section: Left section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(5.03, 5.03, 5.03); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

DASY52 52.8 (8);

Test date: 2014-9-28; Ambient Temp: 22.1; Tissue Temp: 21.8

Left Tilt, W-LAN (802.11ac VHT80 - 5.3G Band) Ch.58, Ant Internal, Standard Battery

Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0383 W/kg

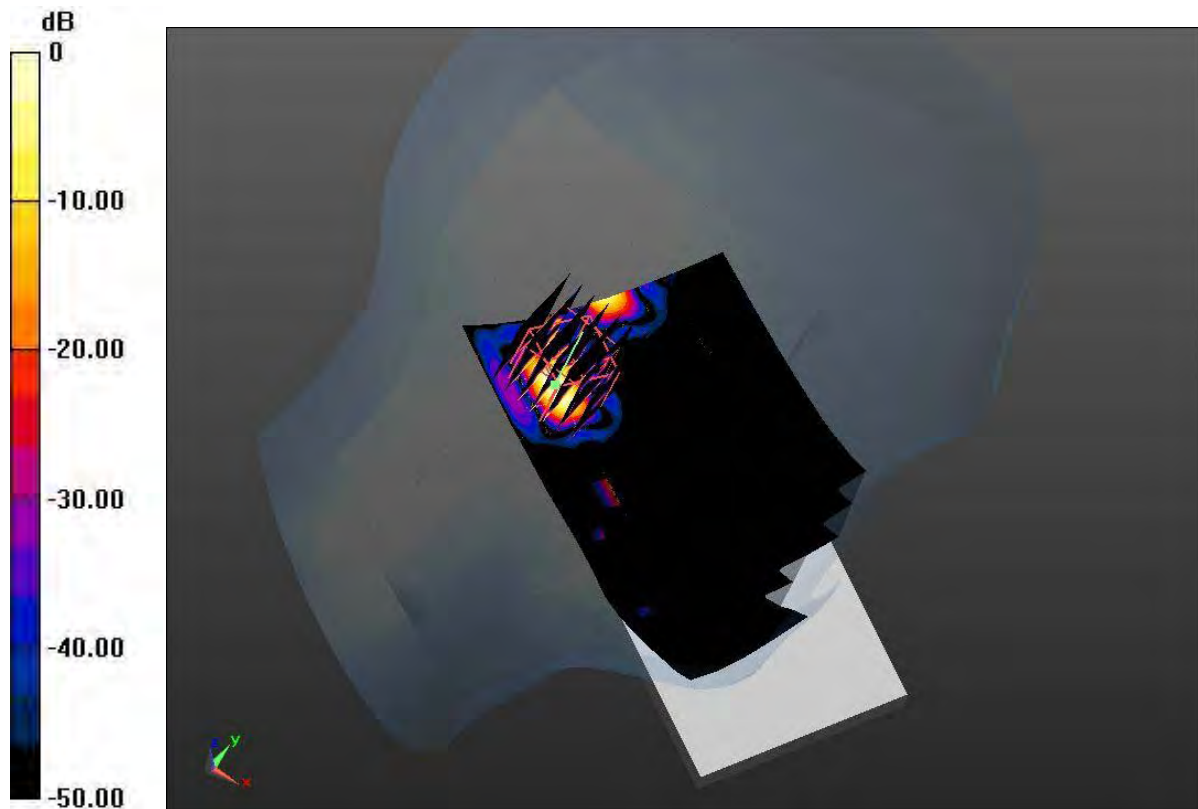
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.0173 W/kg; SAR(10 g) = 0.00266 W/kg

Maximum value of SAR (measured) = 0.0433 W/kg



0 dB = 0.0433 W/kg