

SCN/11U13867/033: Touch Left CDMA 850 1xRC3 SO55 CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.517 mW/g

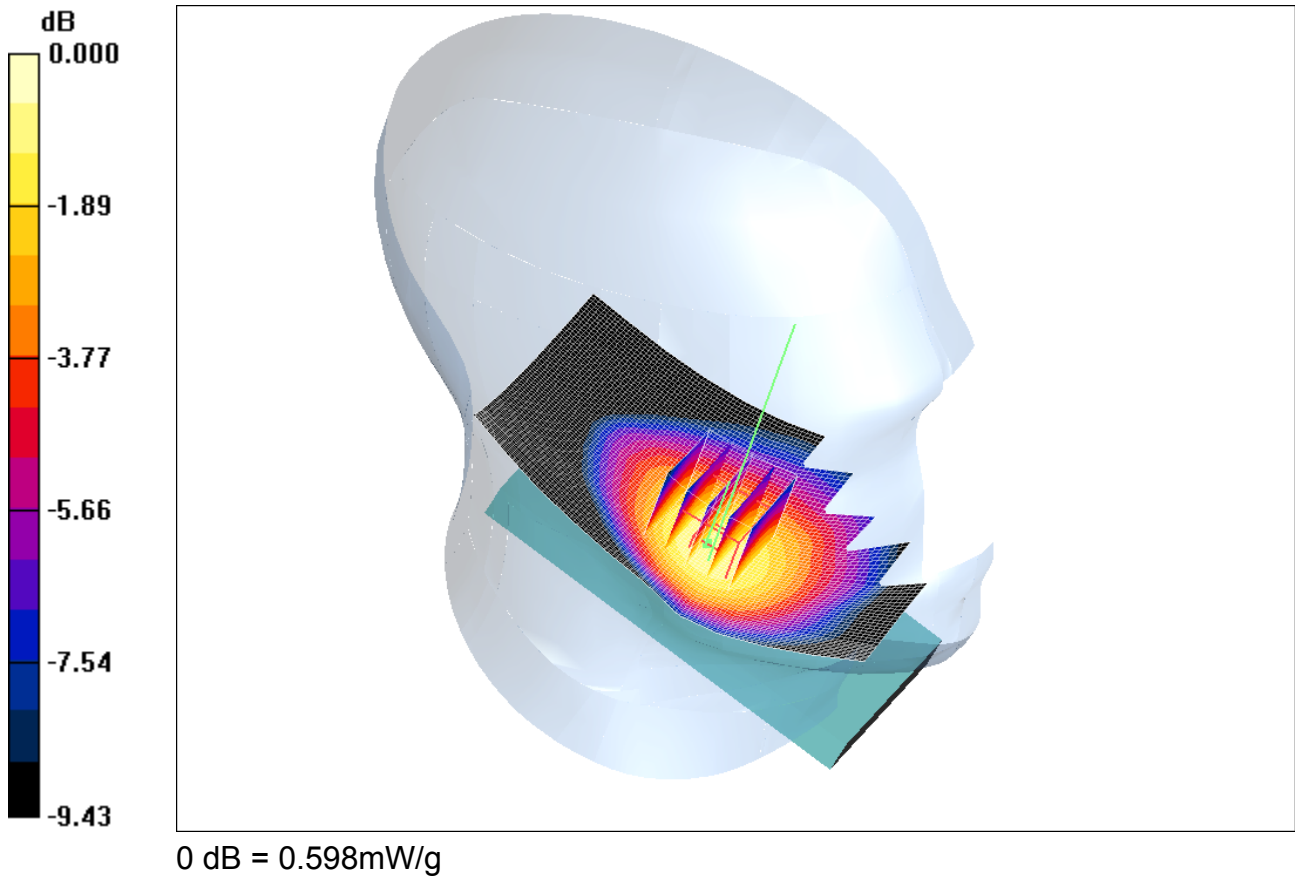
Touch Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.03 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.543 mW/g



SCN/11U13867/034: Tilt Left CDMA 850 1xRC3 SO55 CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.307 mW/g

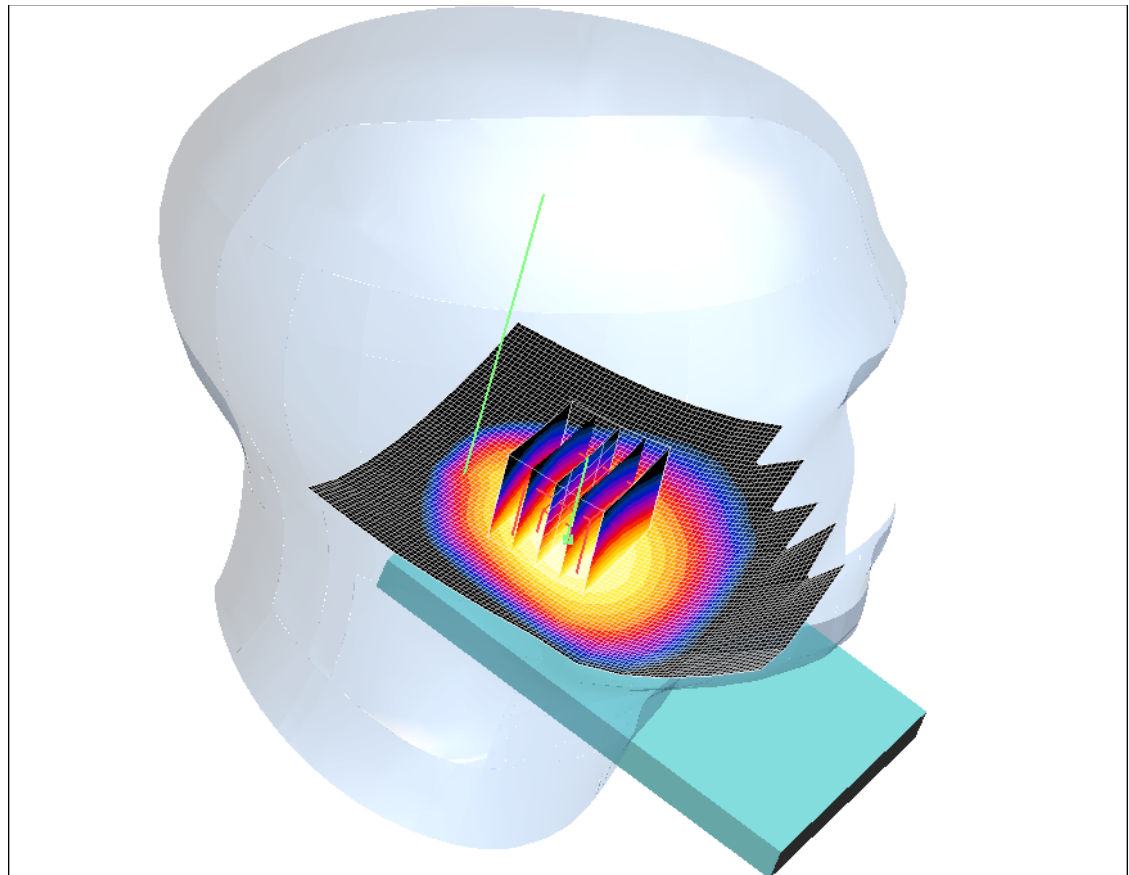
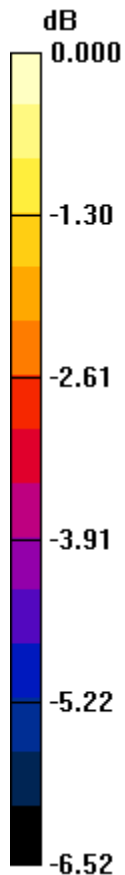
Tilt Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.310 mW/g



0 dB = 0.310mW/g

SCN/11U13867/035: Touch Right CDMA 850 1xRC3 SO55 CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (interpolated) = 0.589 mW/g

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

Reference Value = 8.51 V/m; Power Drift = 0.029 dB

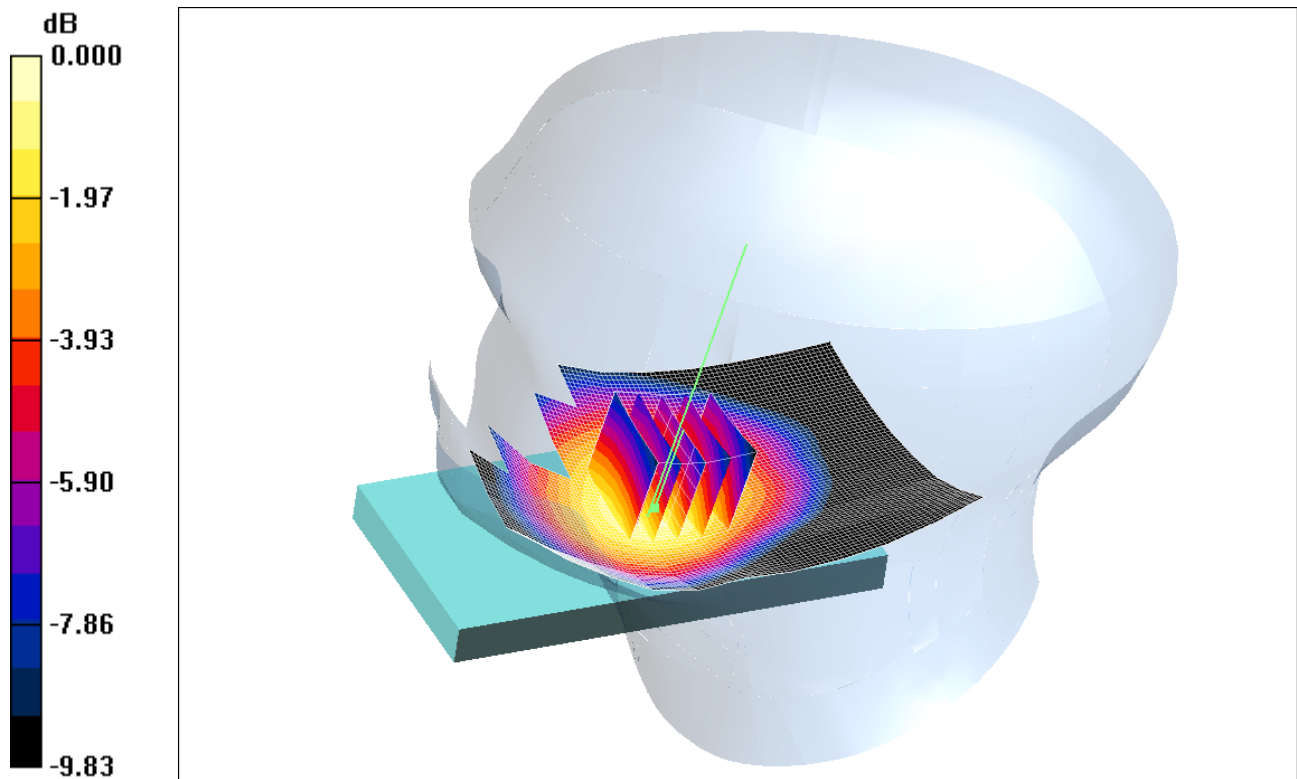
Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.555 mW/g

Touch Right - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

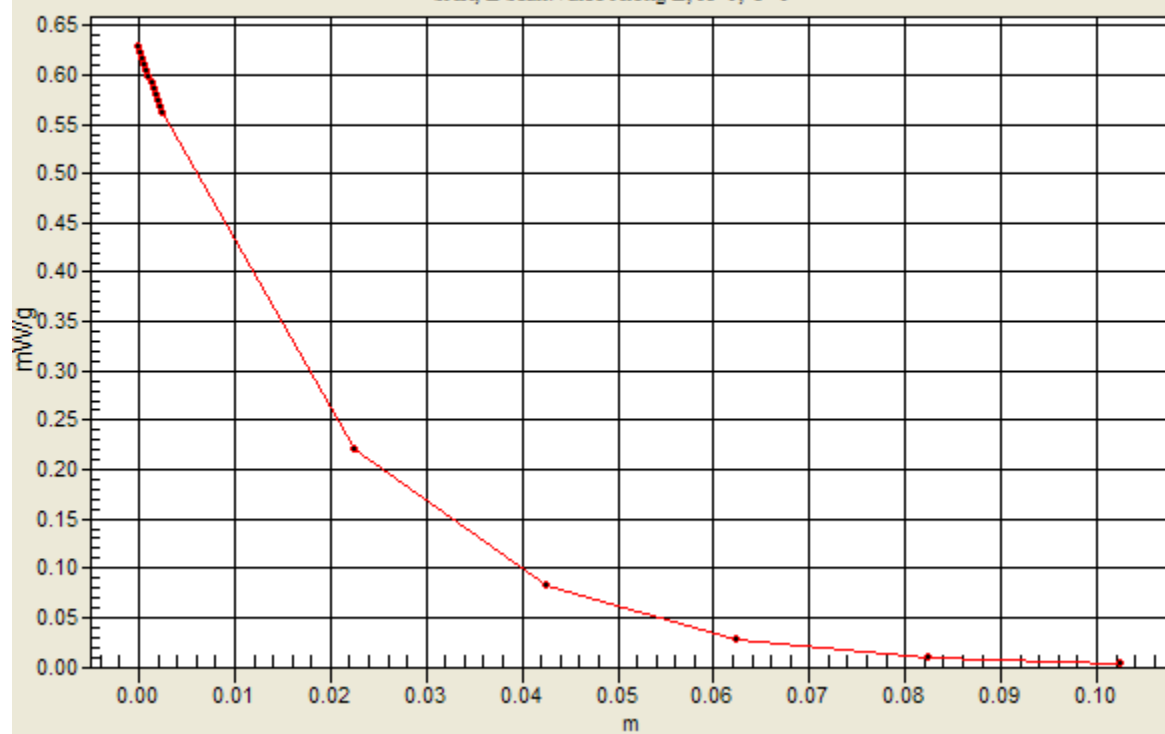
Maximum value of SAR (interpolated) = 0.629 mW/g



0 dB = 0.629mW/g

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



SCN/11U13867/036: Tilt Right CDMA 850 1xRC3 SO55 CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.315 mW/g

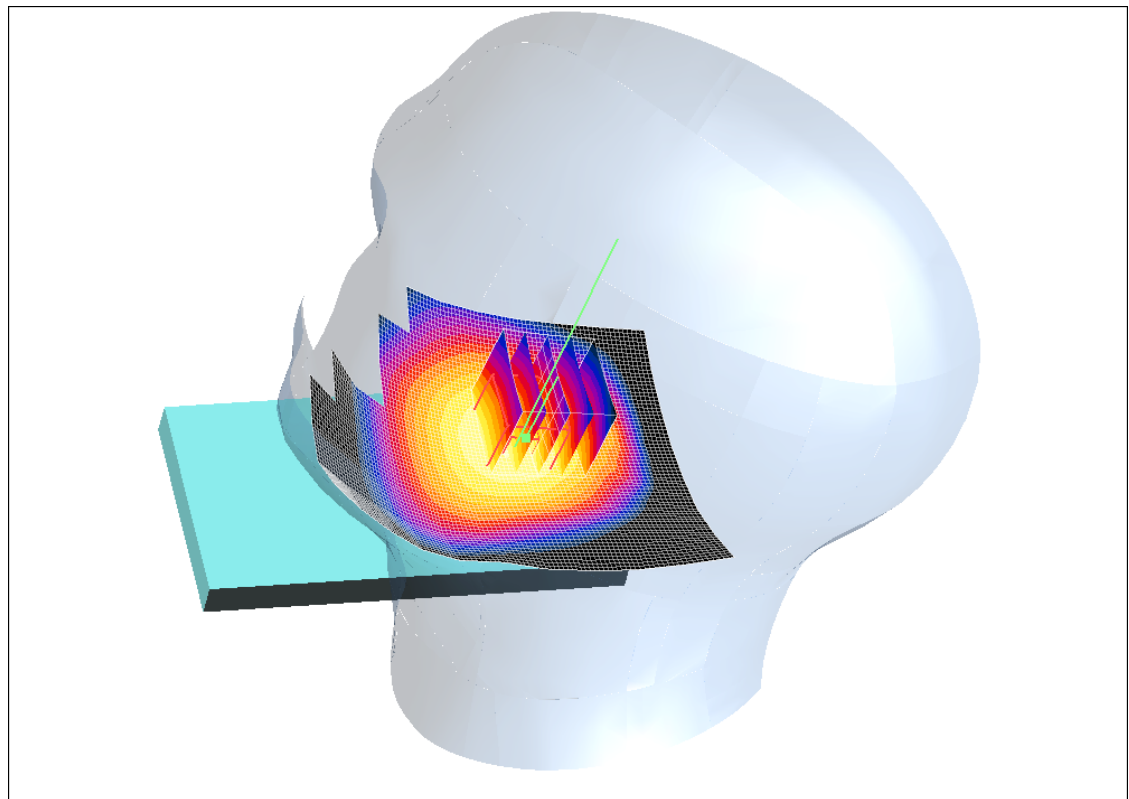
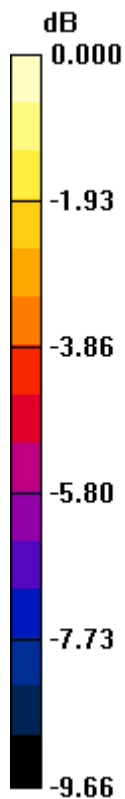
Tilt Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.356mW/g

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (interpolated) = 0.543 mW/g

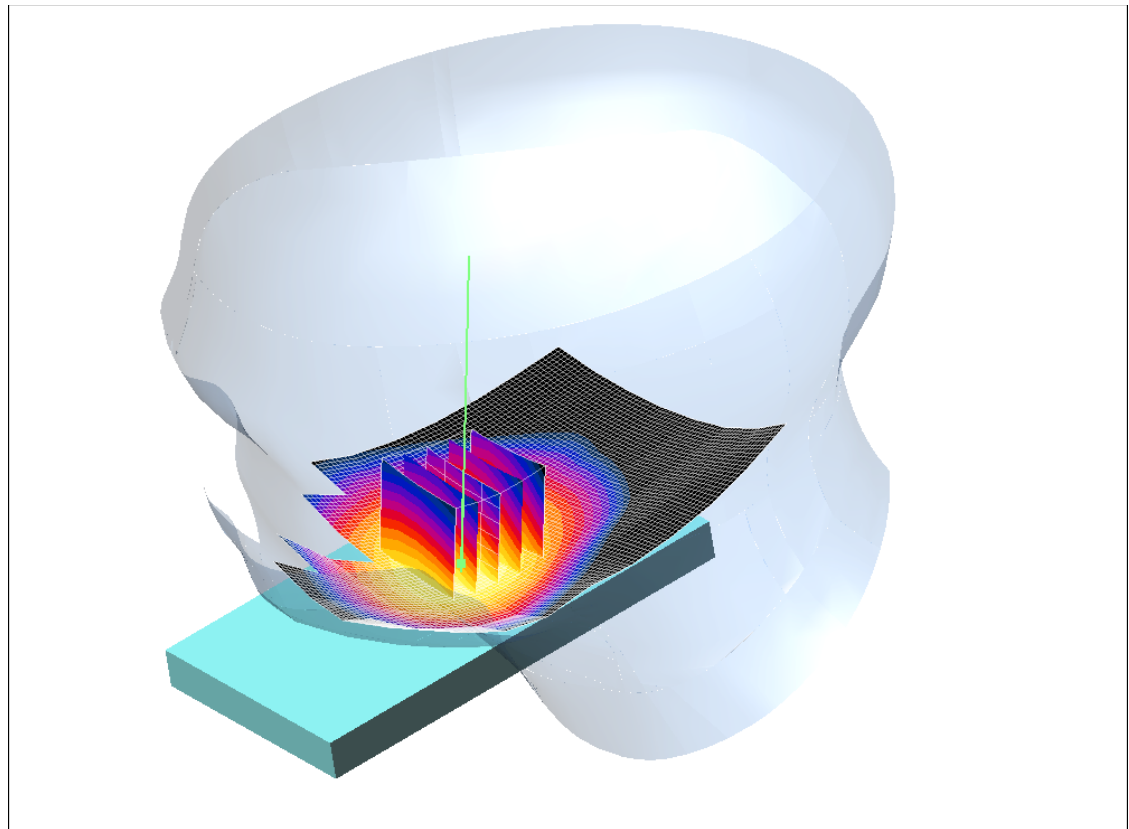
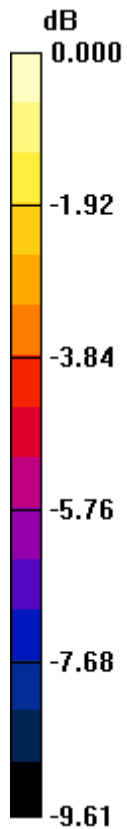
Touch Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.55 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.608mW/g

SCN/11U13867/043: Front of EUT Facing Phantom CDMA835 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Front - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.670 mW/g

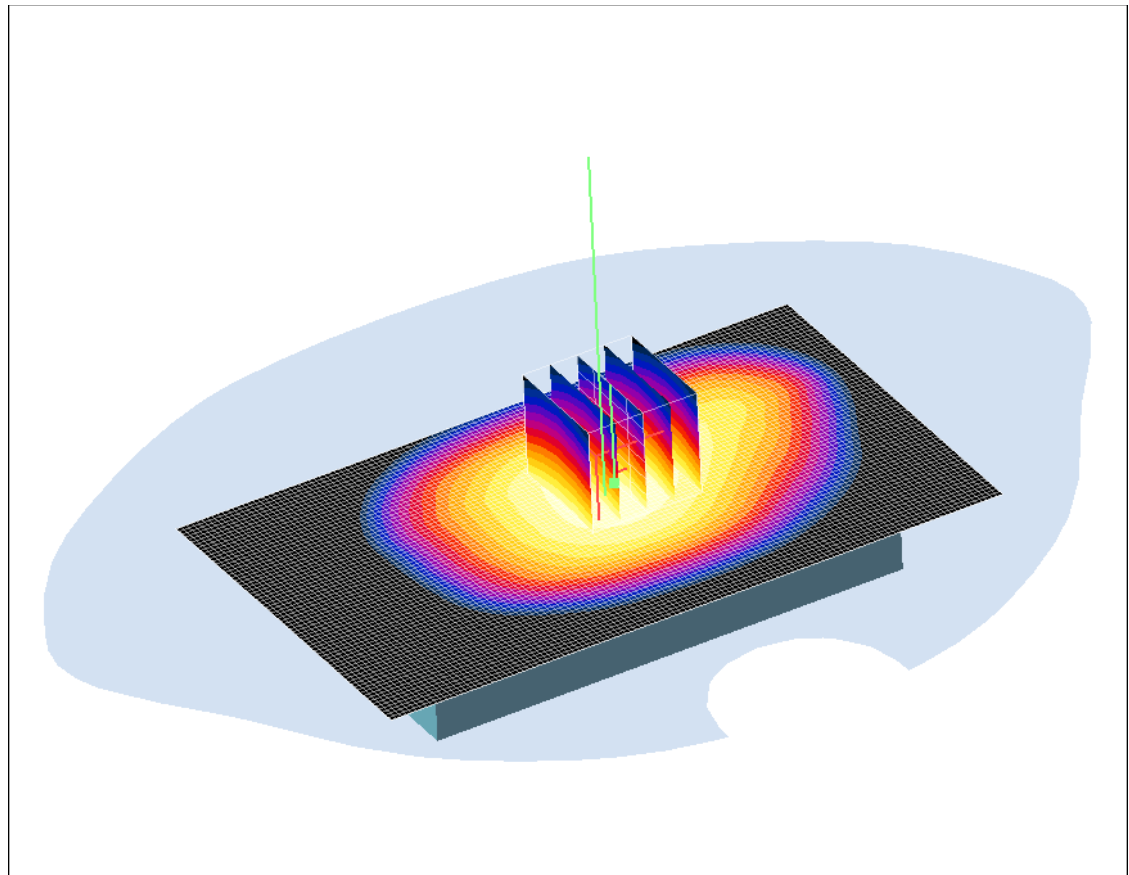
Front - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g

SCN/11U13867/044: Rear of EUT Facing Phantom CDMA835 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.747 mW/g

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

Reference Value = 27.1 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.750 mW/g

Rear - Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = 0.111 dB

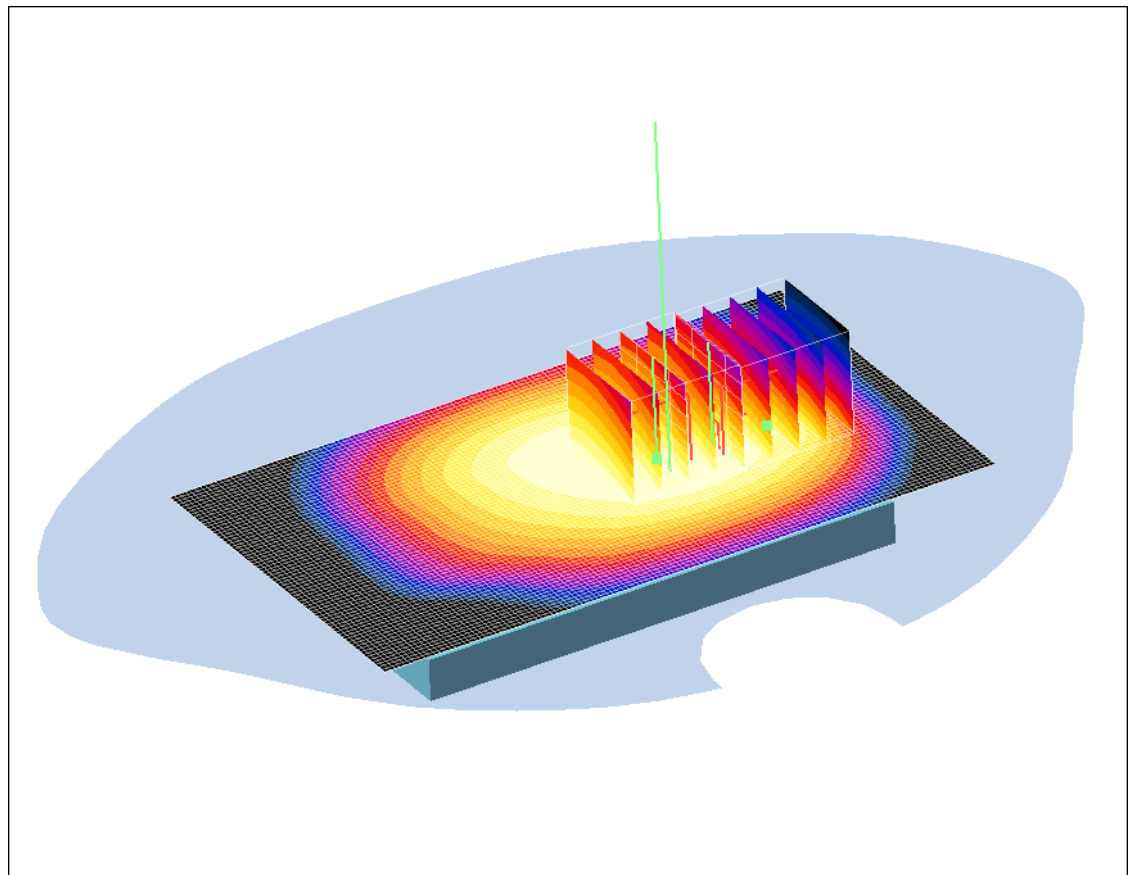
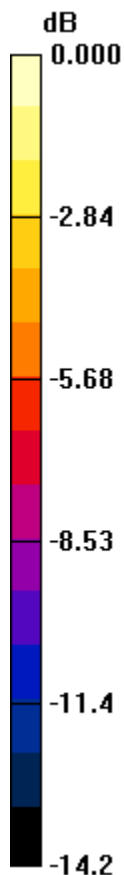
Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.691 mW/g

Rear - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

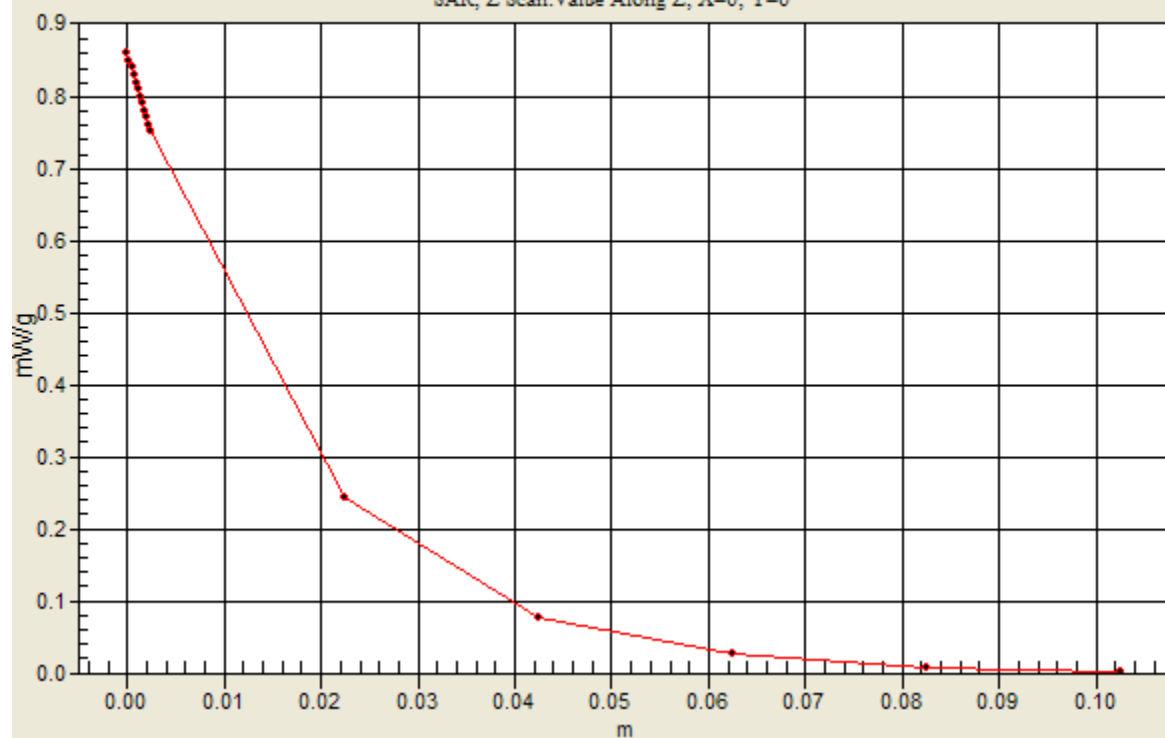
Maximum value of SAR (interpolated) = 0.861 mW/g



0 dB = 0.691mW/g

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



SCN/11U13867/045: Left Hand Side of EUT Facing Phantom CDMA835 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right - Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.500 mW/g

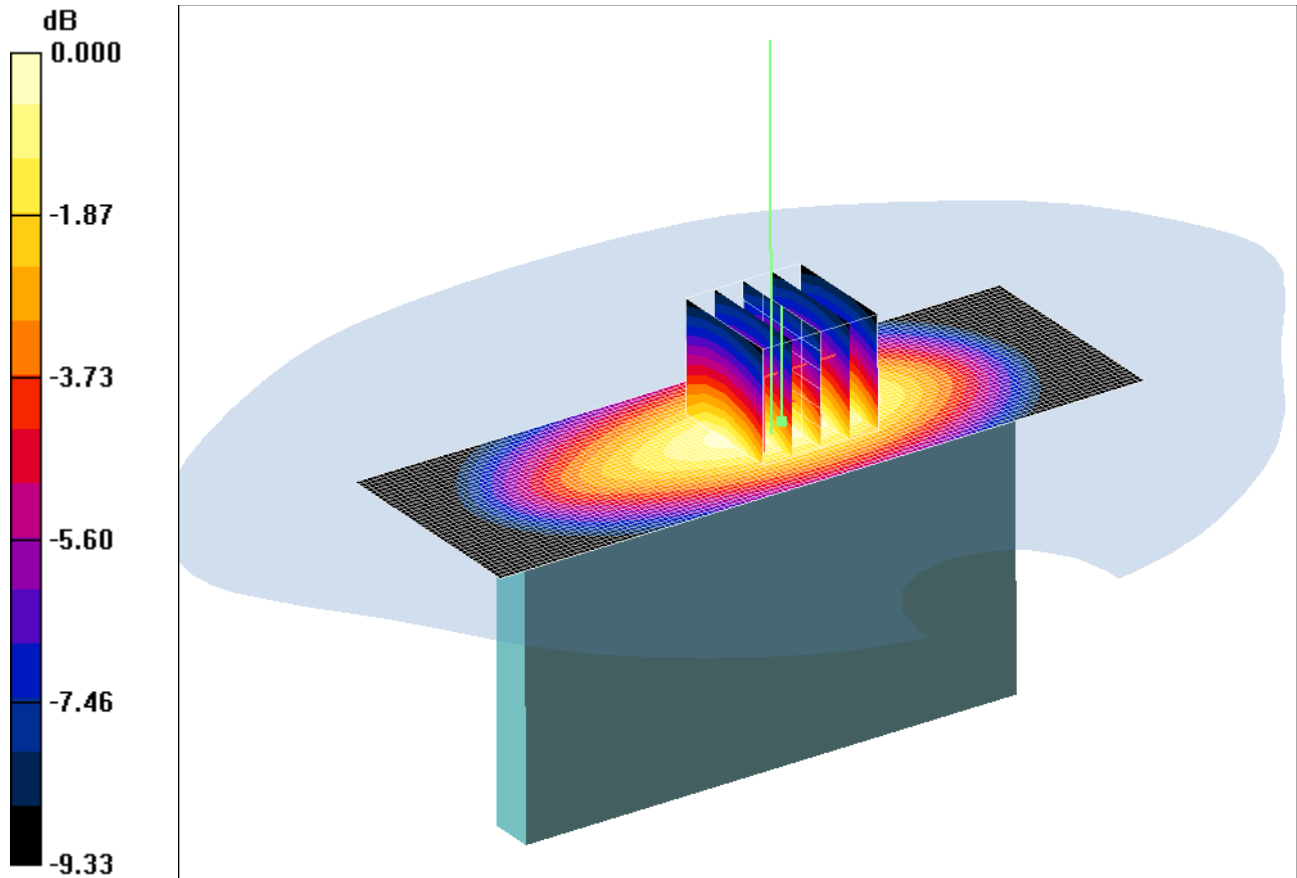
Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.502 mW/g



0 dB = 0.502mW/g

SCN/11U13867/046: Right Hand Side of EUT Facing Phantom CDMA835 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Right Hand Side- Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.508 mW/g

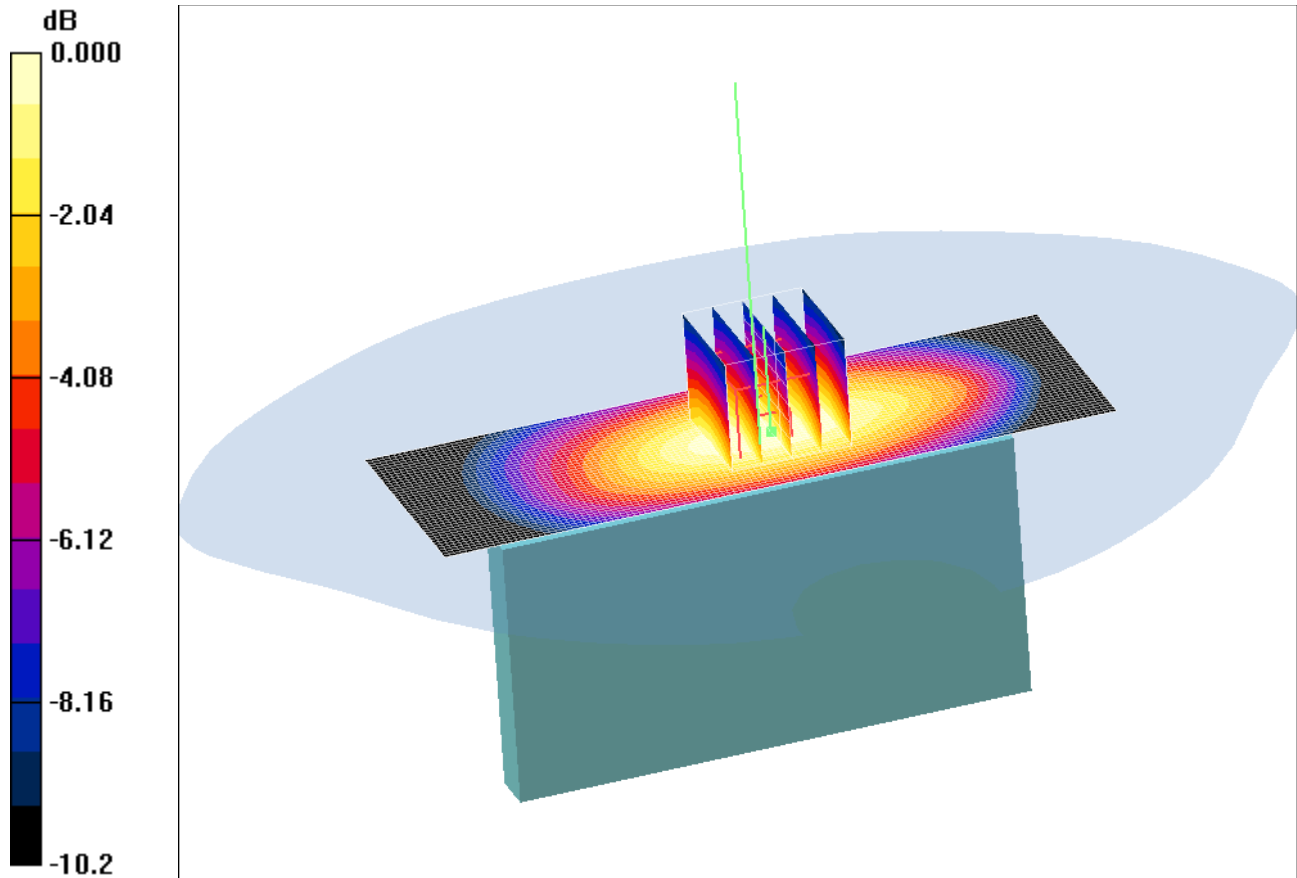
Right Hand Side- Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.9 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.506 mW/g



0 dB = 0.506mW/g

SCN/11U13867/047: Bottom of EUT Facing Phantom CDMA835 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Bottom - Middle/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.172 mW/g

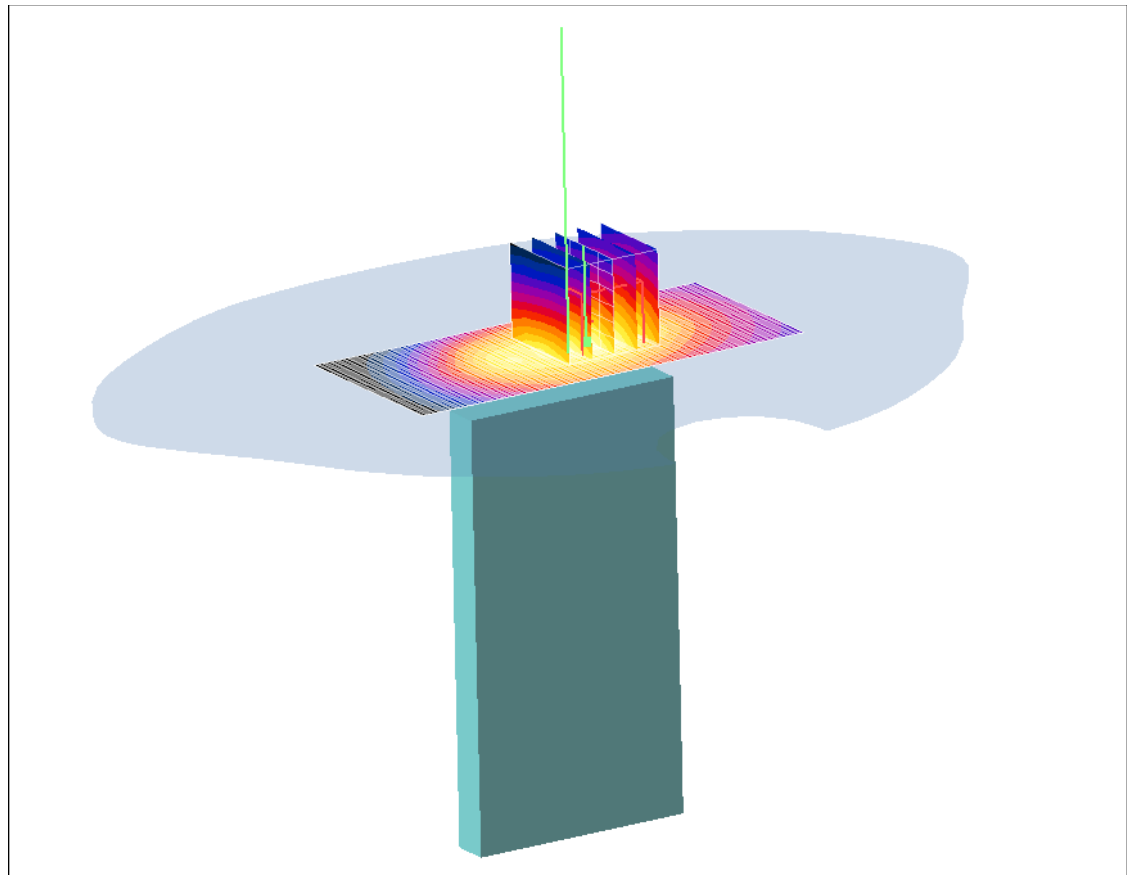
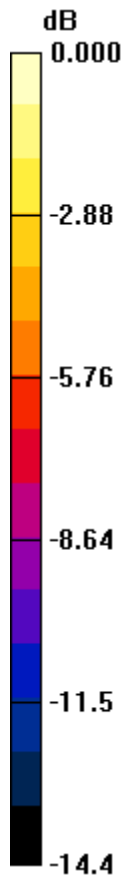
Bottom - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.172mW/g

SCN/11U13867/048: Top of EUT Facing Phantom CDMA835 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Top - Middle/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

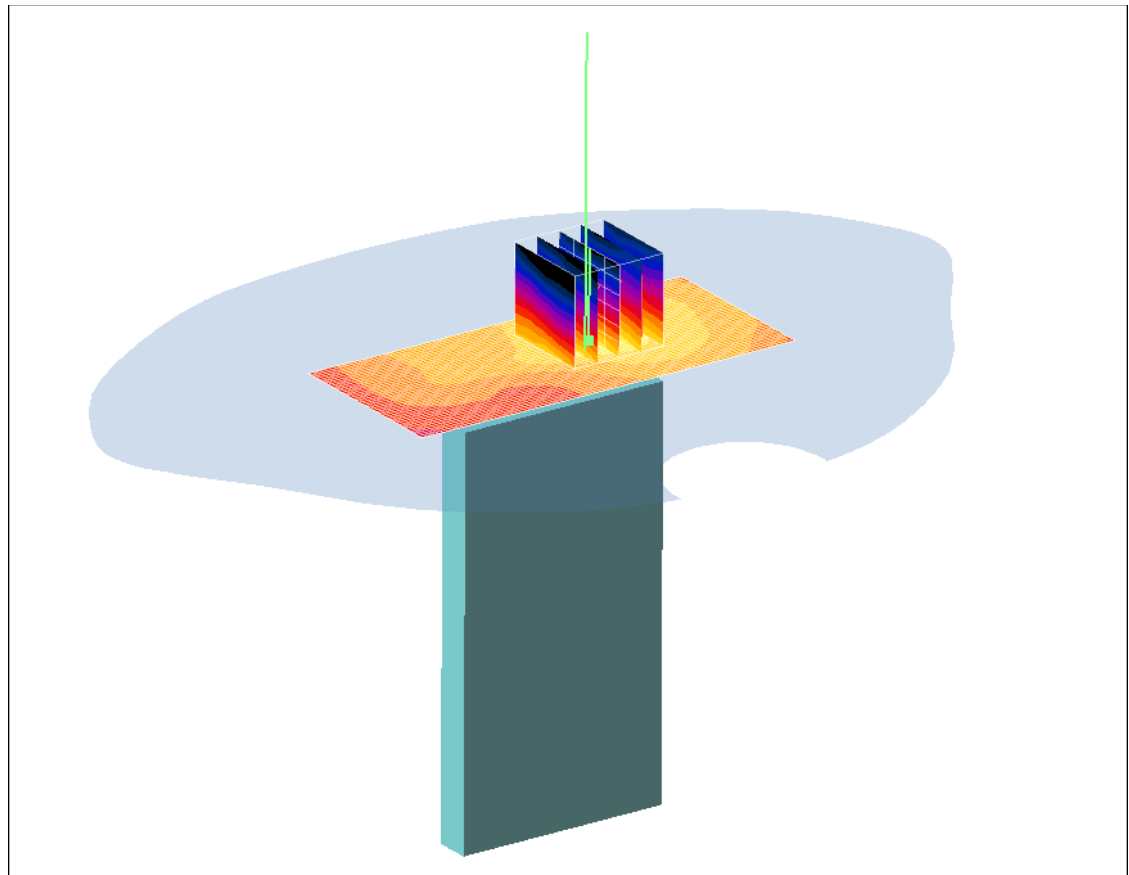
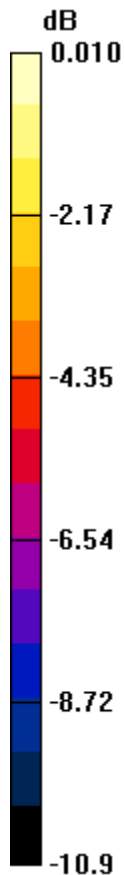
Top - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.48 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.037 mW/g



0 dB = 0.050mW/g

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear w-wireless charger Cover - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.645 mW/g

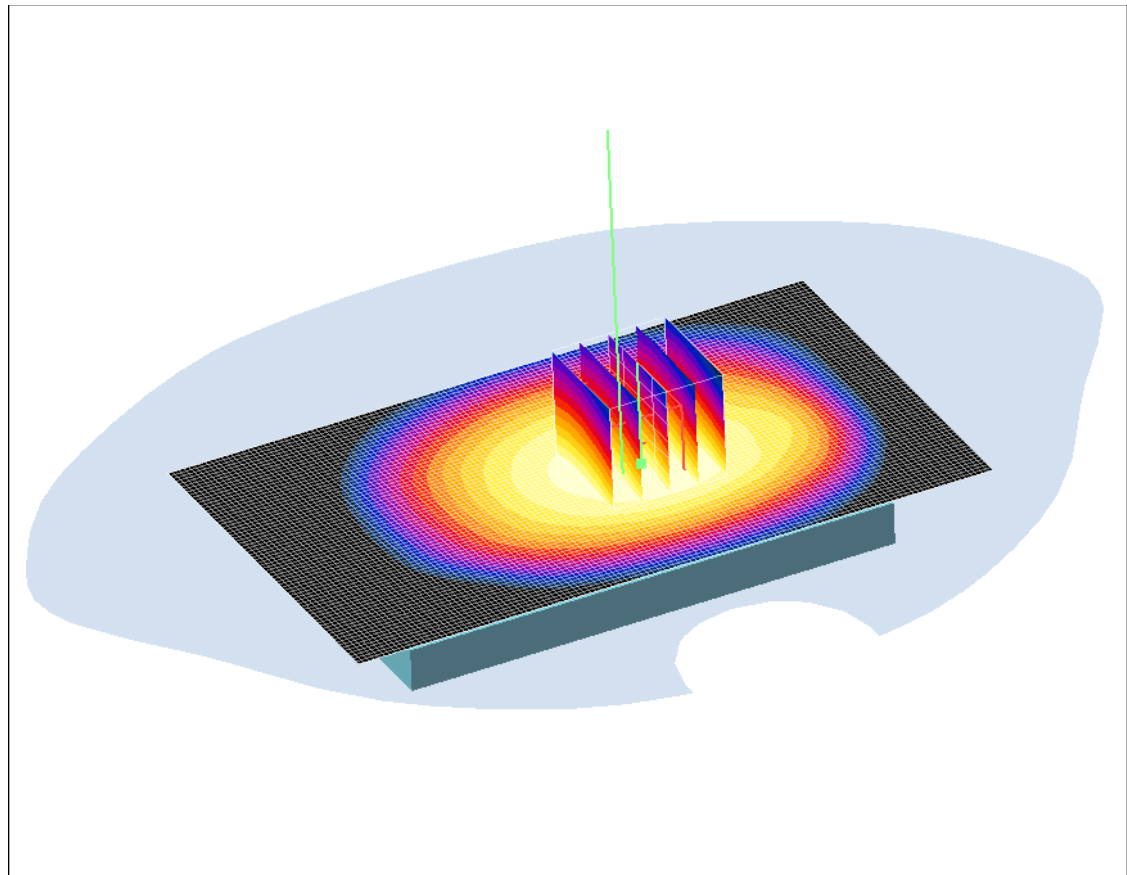
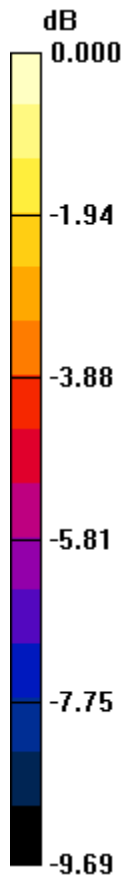
Rear w-wireless charger Cover - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.646mW/g

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear Personal Hands Free - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.652 mW/g

Rear Personal Hands Free - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.646 mW/g

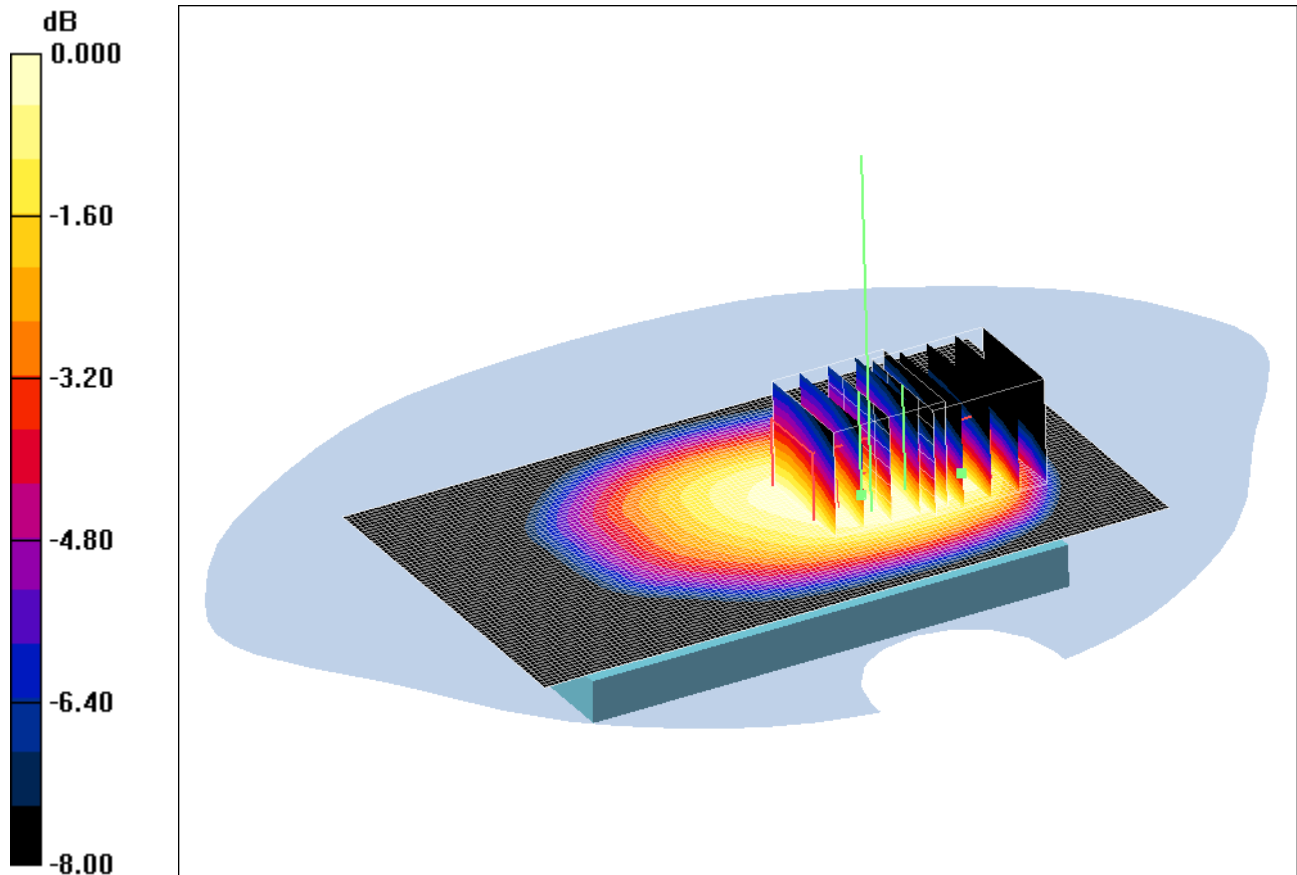
Rear Personal Hands Free - Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.624 mW/g



0 dB = 0.624mW/g

SCN/11U13867/038: Touch Left CDMA 850 1xEv-Do CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.666 mW/g

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

Reference Value = 20.7 V/m; Power Drift = 0.041 dB

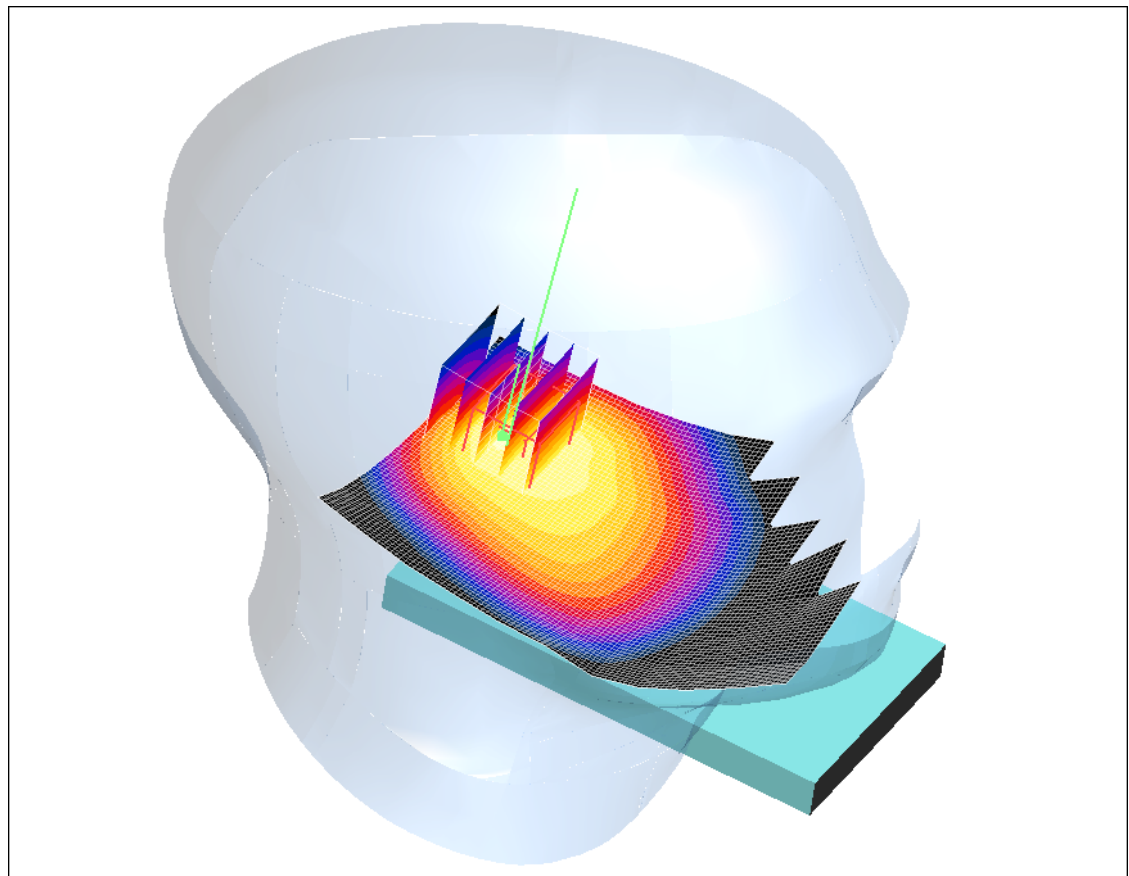
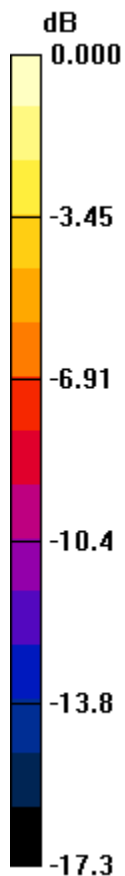
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.797 mW/g

Touch Left - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

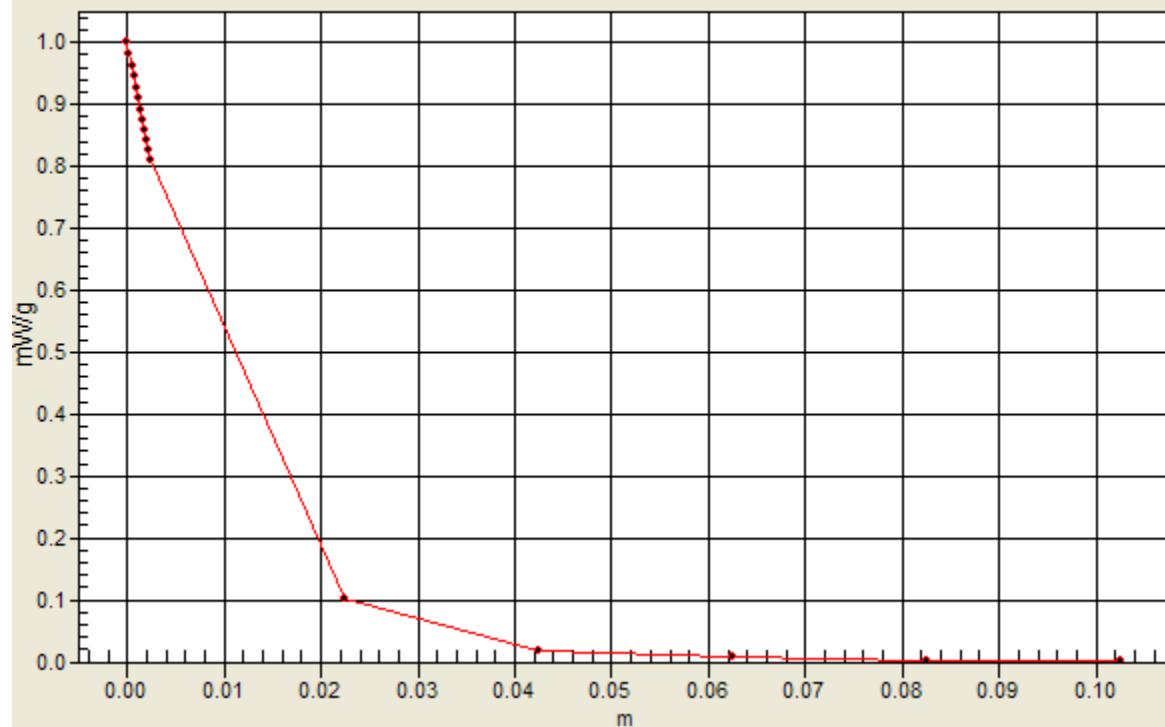
Maximum value of SAR (interpolated) = 1.00 mW/g



0 dB = 0.797mW/g

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



SCN/11U13867/039: Tilt Left CDMA 850 1xEv-Do CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 mW/g

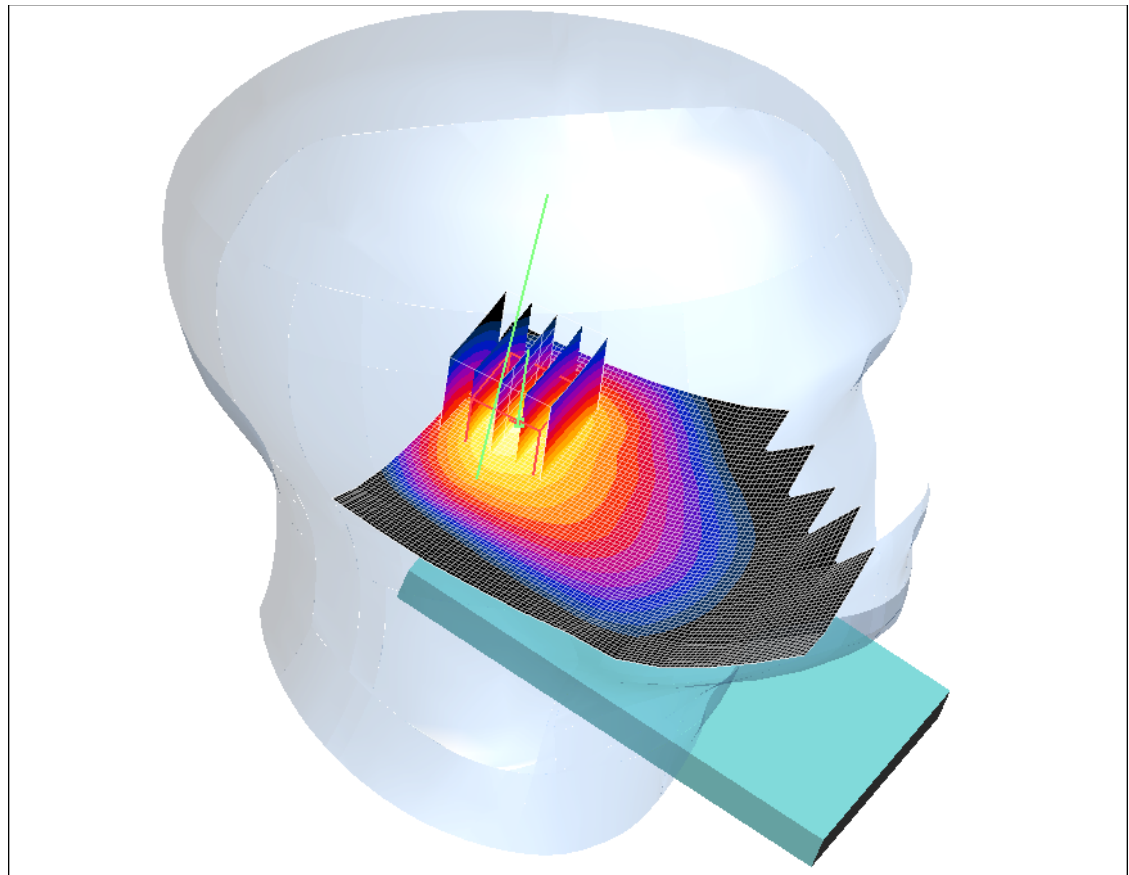
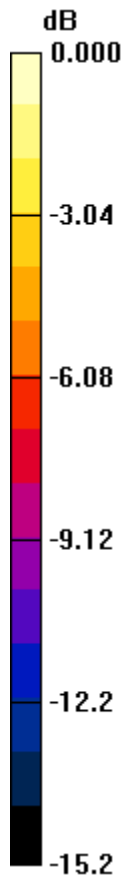
Tilt Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.742 mW/g



0 dB = 0.742mW/g

SCN/11U13867/040: Touch Right CDMA 850 1xEV-Do CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.499 mW/g

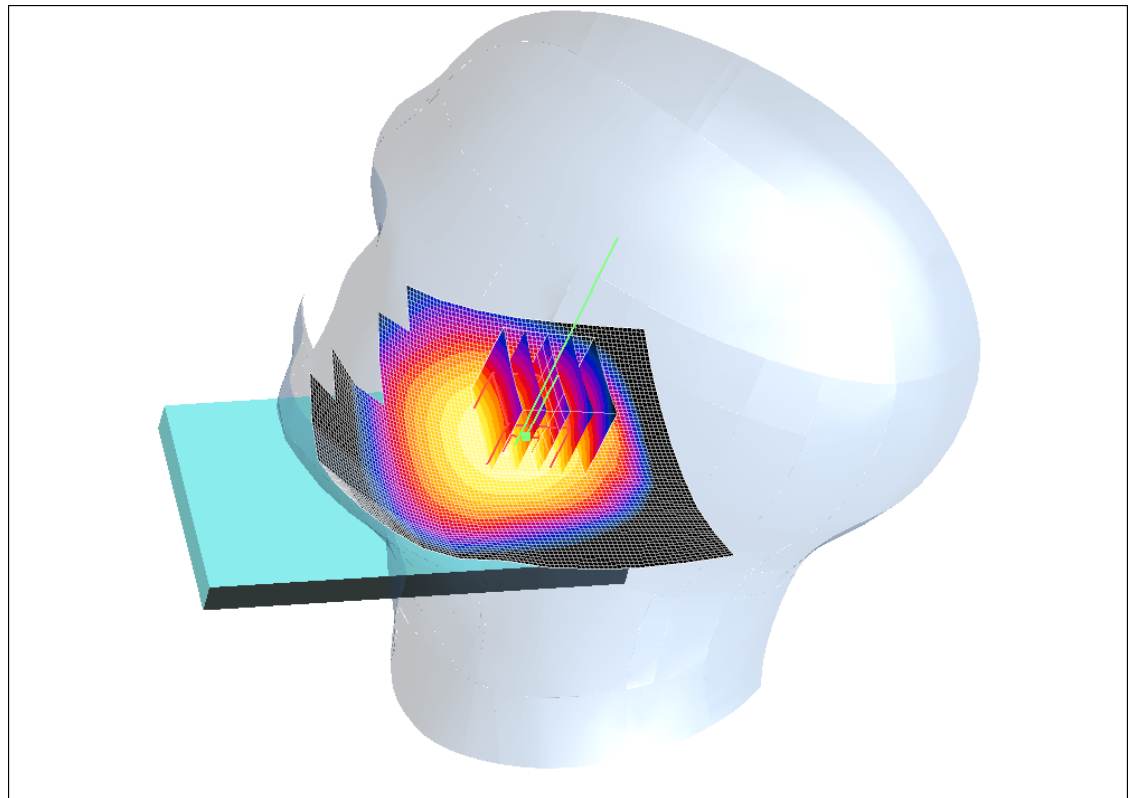
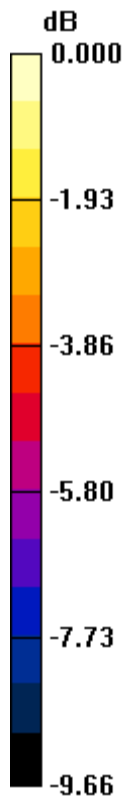
Touch Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.0 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.478 mW/g



0 dB = 0.356mW/g

SCN/11U13867/041: Tilt Right CDMA 850 1xEv-Do CH 384

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.407 mW/g

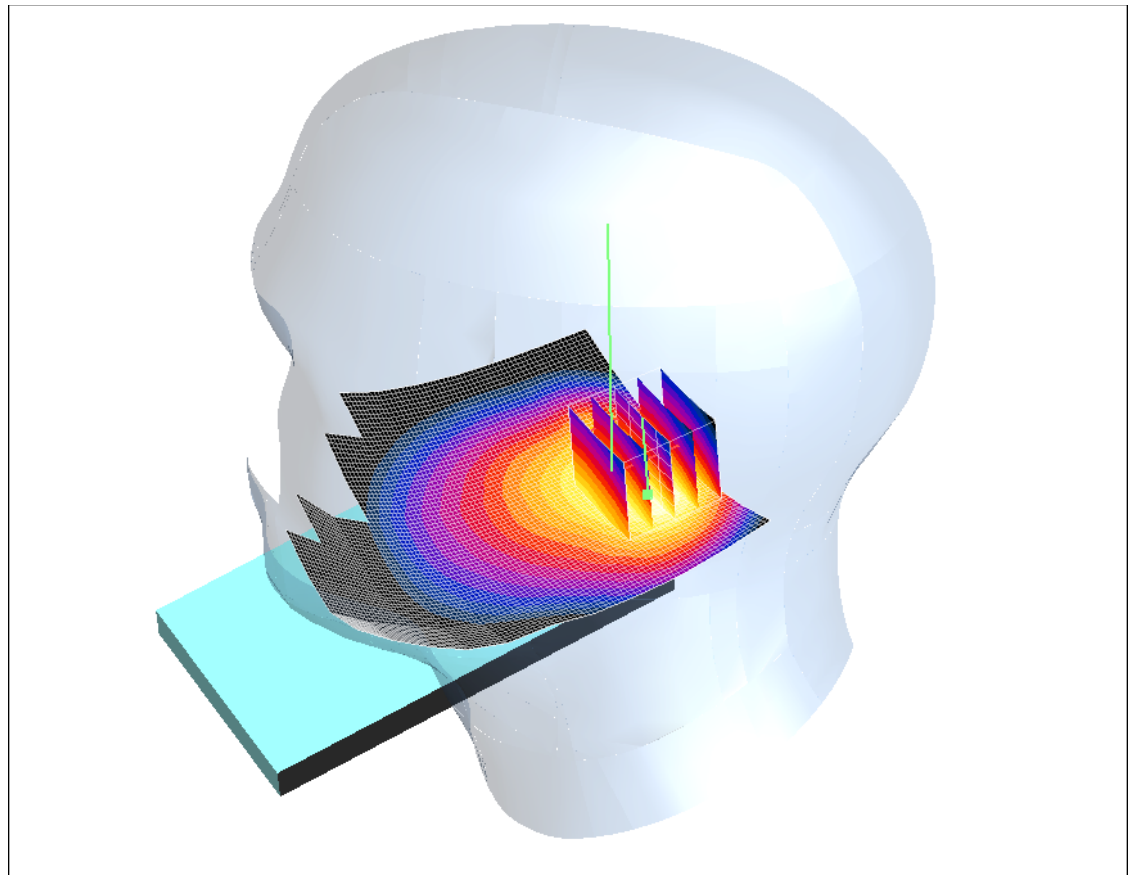
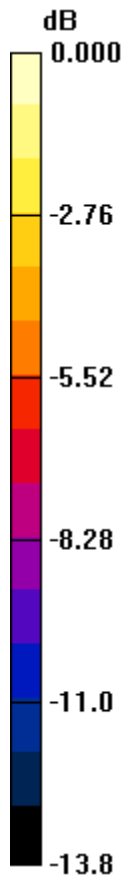
Tilt Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388mW/g

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Left Wireless Charger Cover- Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.613 mW/g

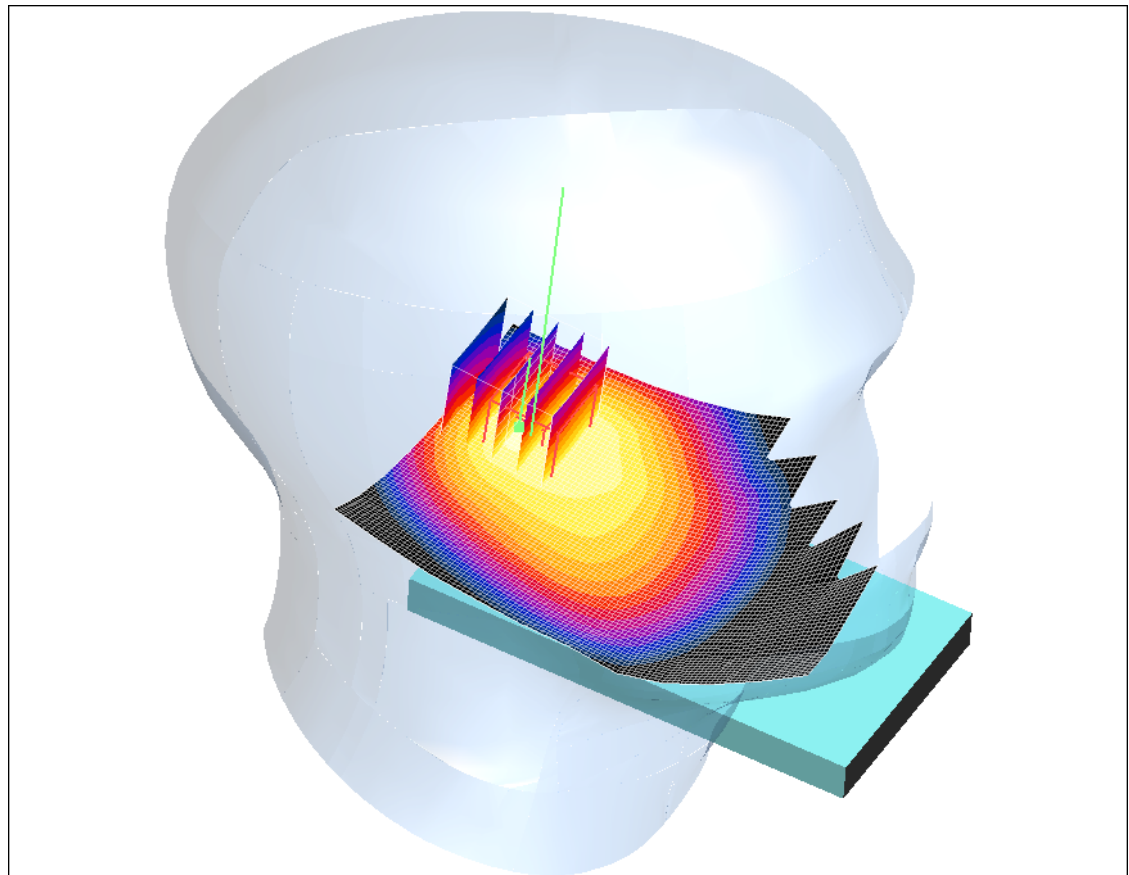
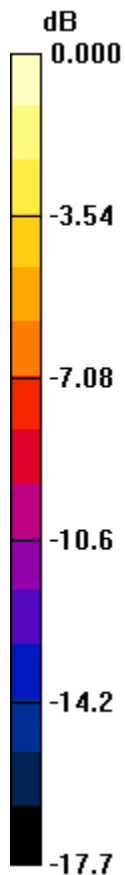
Touch Left Wireless Charger Cover- Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.698 mW/g



0 dB = 0.698mW/g

SCN/11U13867/051: Front of EUT Facing Phantom CDMA 1xEV-Do 850 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Front - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.256 mW/g

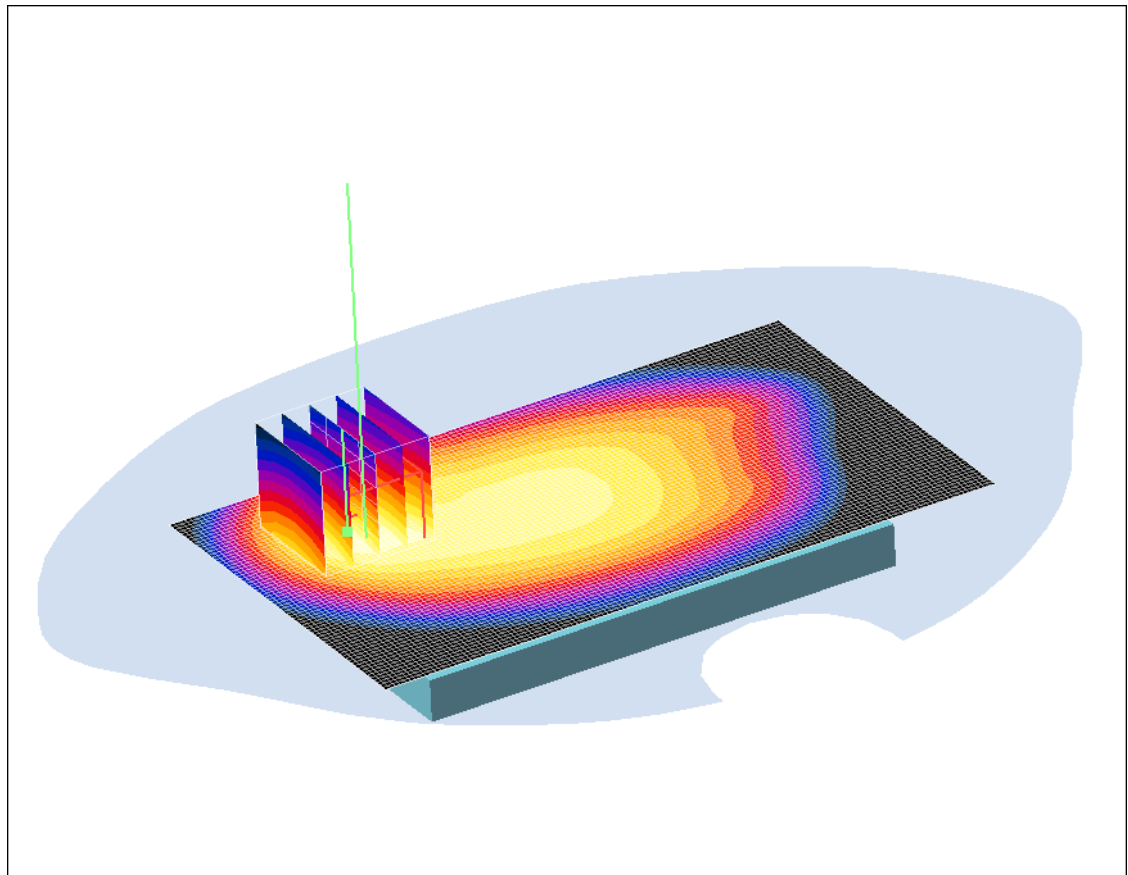
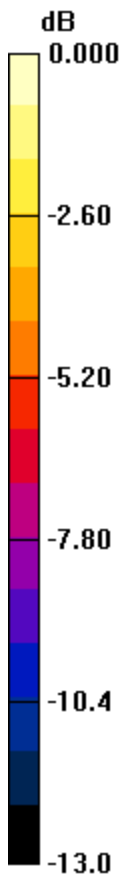
Front - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256mW/g

SCN/11U13867/052: Rear of EUT Facing Phantom CDMA 1xEV-Do 850 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.450 mW/g

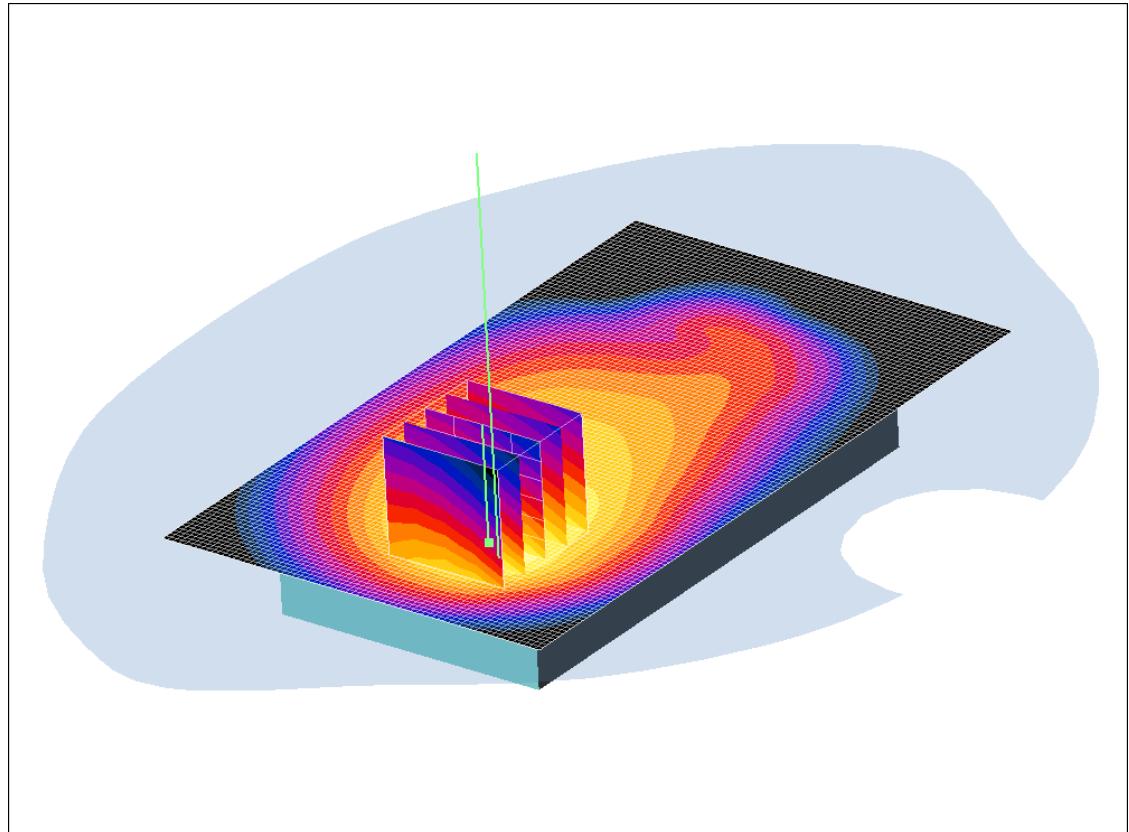
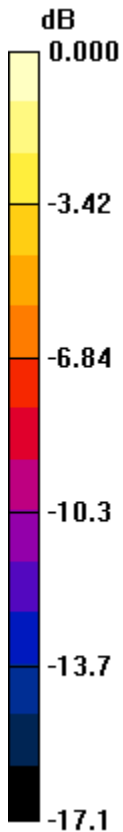
Rear - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.438 mW/g



0 dB = 0.530mW/g

SCN/11U13867/053: Left Hand Side of EUT Facing Phantom CDMA 1xEV-DO 850 CH 384 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Left Hand Side of EUT- Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.150 mW/g

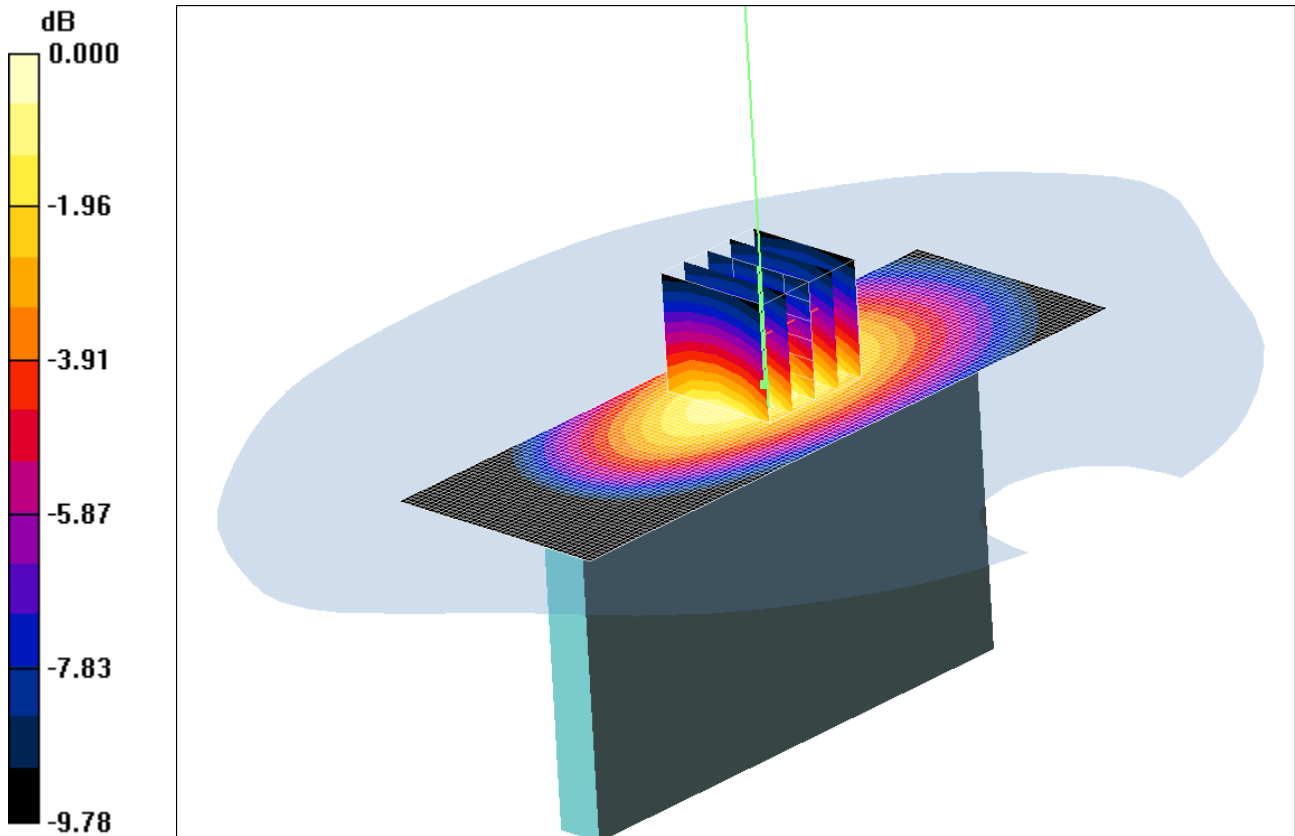
Left Hand Side of EUT- Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.149 mW/g



0 dB = 0.165mW/g

SCN/11U13867/054: Right Hand Side of EUT Facing Phantom CDMA 1xEV-Do 850 CH 384 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Right Hand Side of EUT- Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.320 mW/g

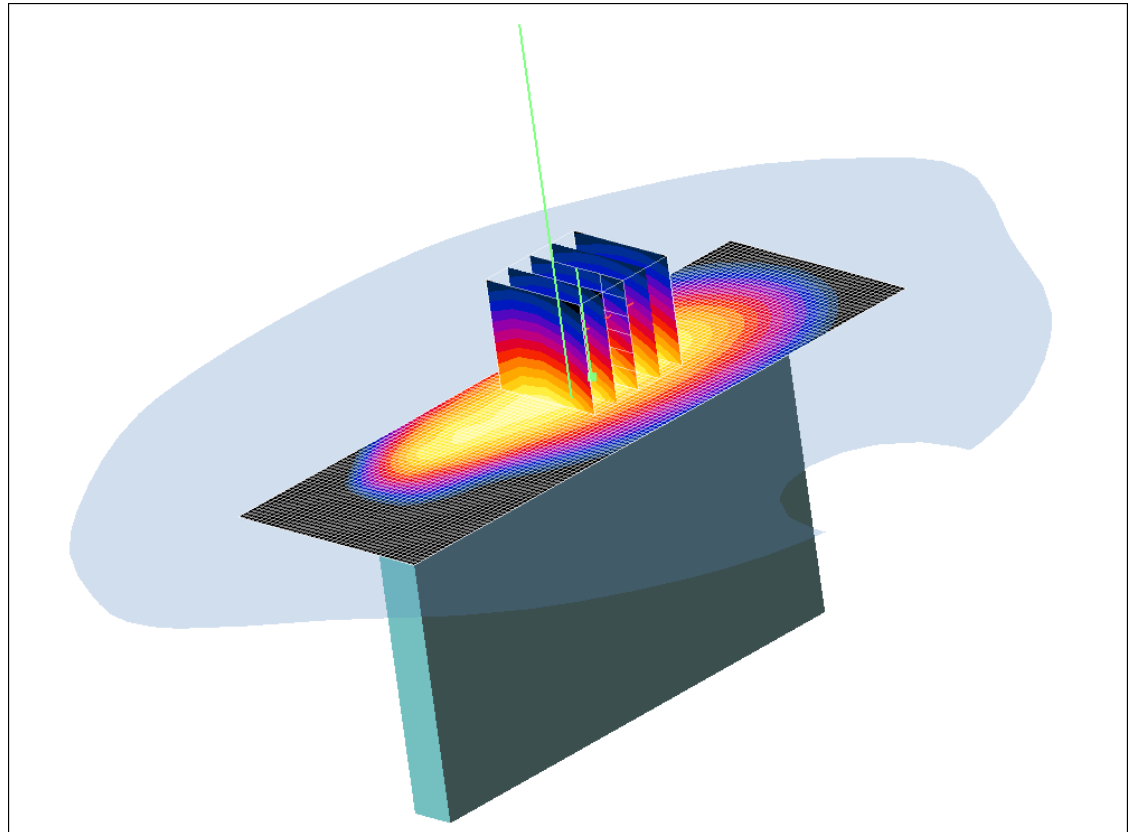
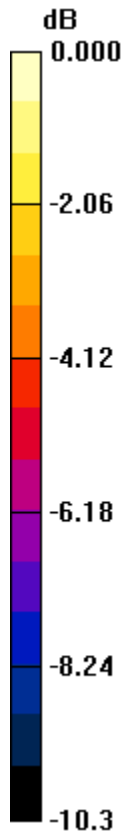
Right Hand Side of EUT- Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.372mW/g

SCN/11U13867/055: Top of EUT Facing Phantom CDMA 1xEV-Do 850 CH 384

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Top of EUT Facing Phantom- Middle/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.209 mW/g

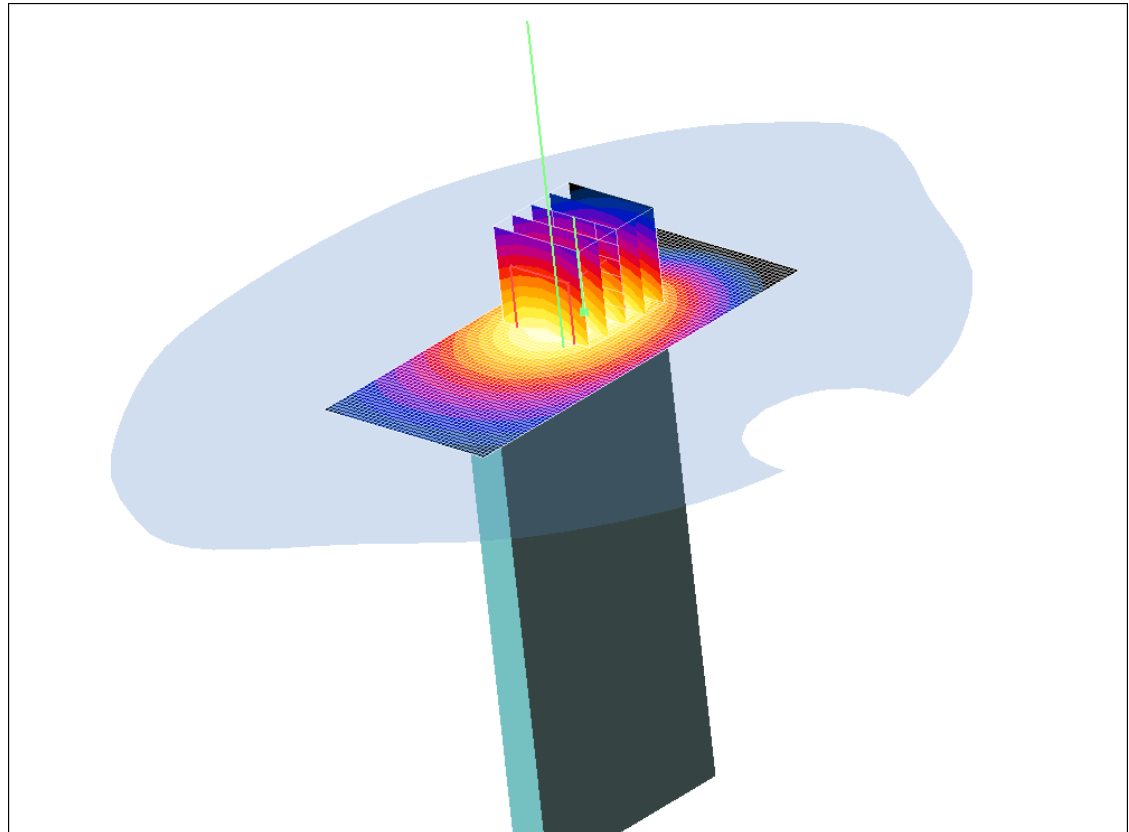
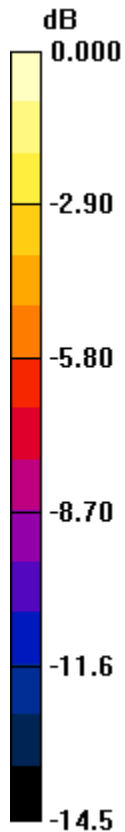
Top of EUT Facing Phantom- Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.218 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.176mW/g

SCN/11U13867/056: Bottom of EUT Facing Phantom CDMA 1xEV-Do 850 CH 384

Date 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Bottom of EUT Facing Phantom- Middle/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.017 mW/g

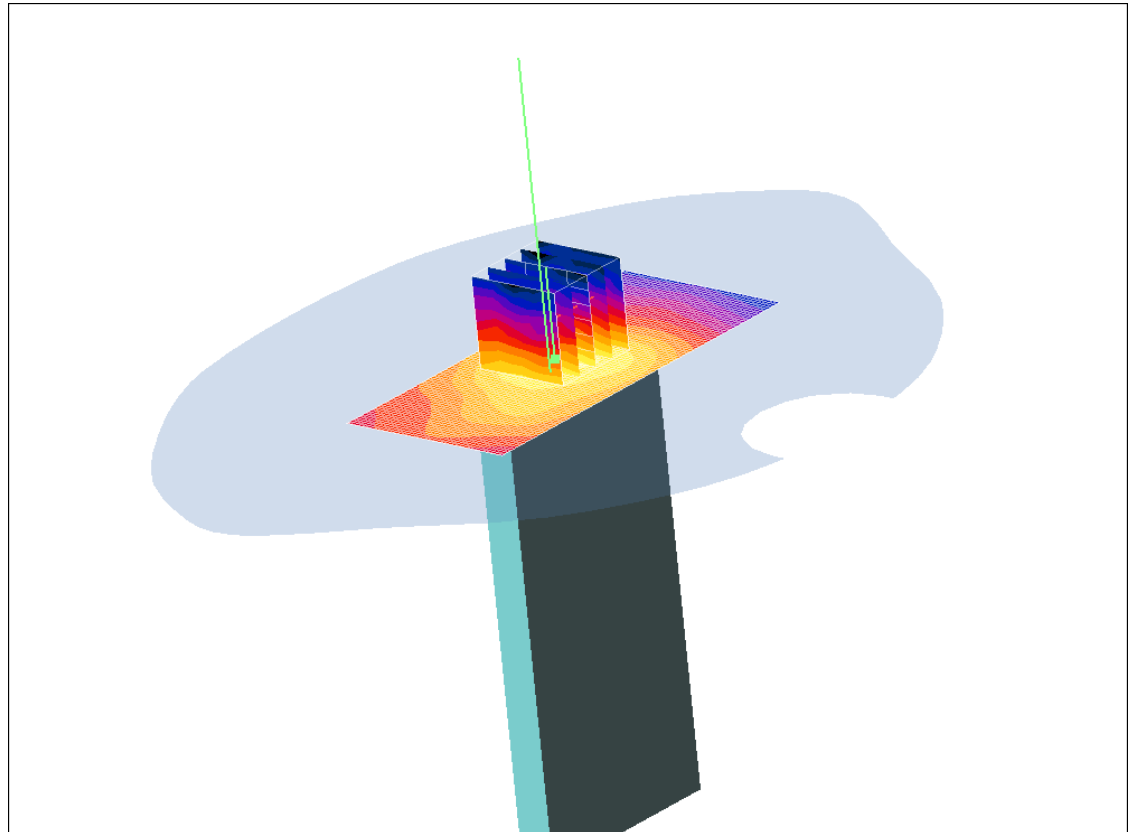
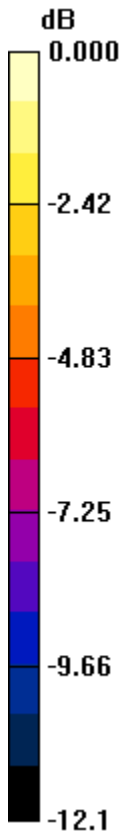
Bottom of EUT Facing Phantom- Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.47 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



0 dB = 0.023mW/g

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear Wireless Charger Cover - Middle/Area Scan (71x121x1); Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.306 mW/g

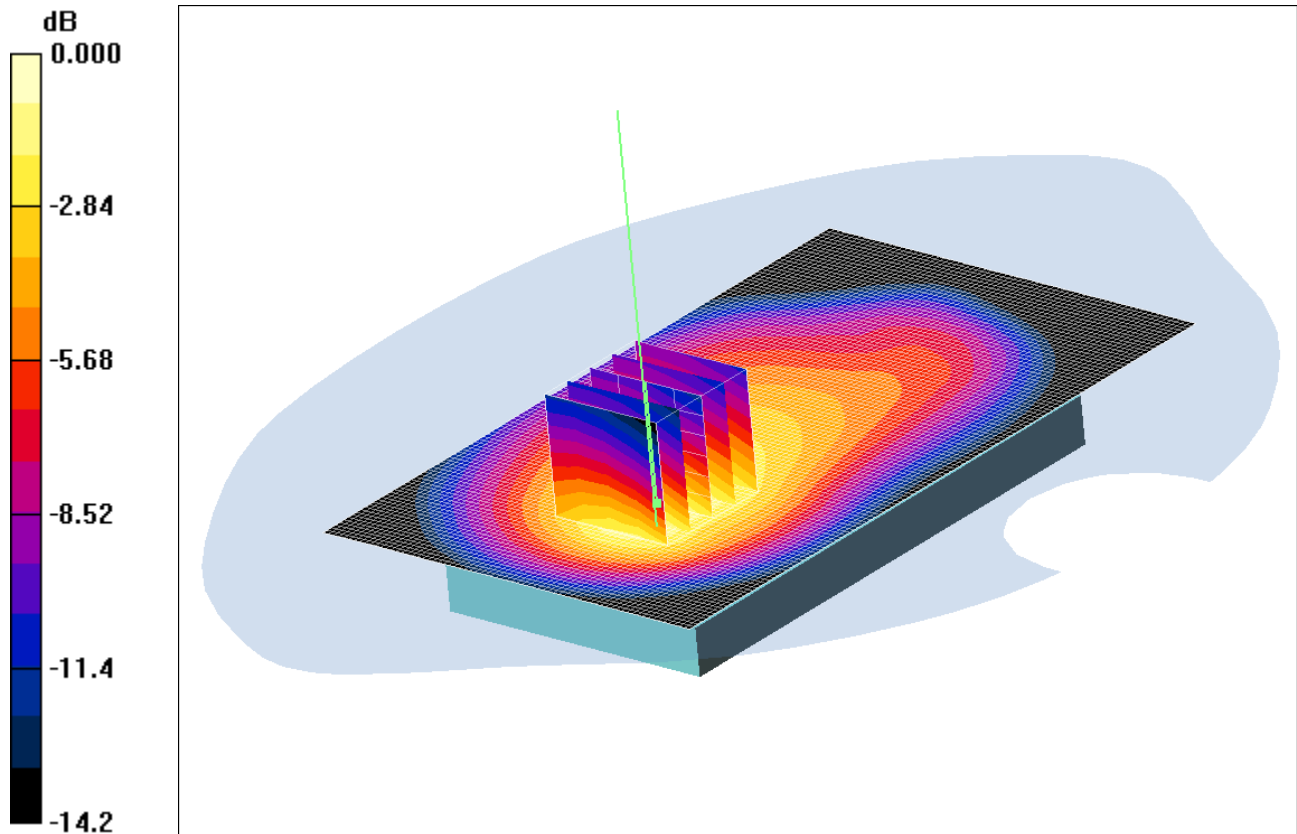
Rear Wireless Charger Cover - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.293 mW/g.



0 dB = 0.354mW/g

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA Cell Band; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(8.79, 8.79, 8.79); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear Personal Hands Free - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 mW/g

Rear Personal Hands Free - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.136 dB

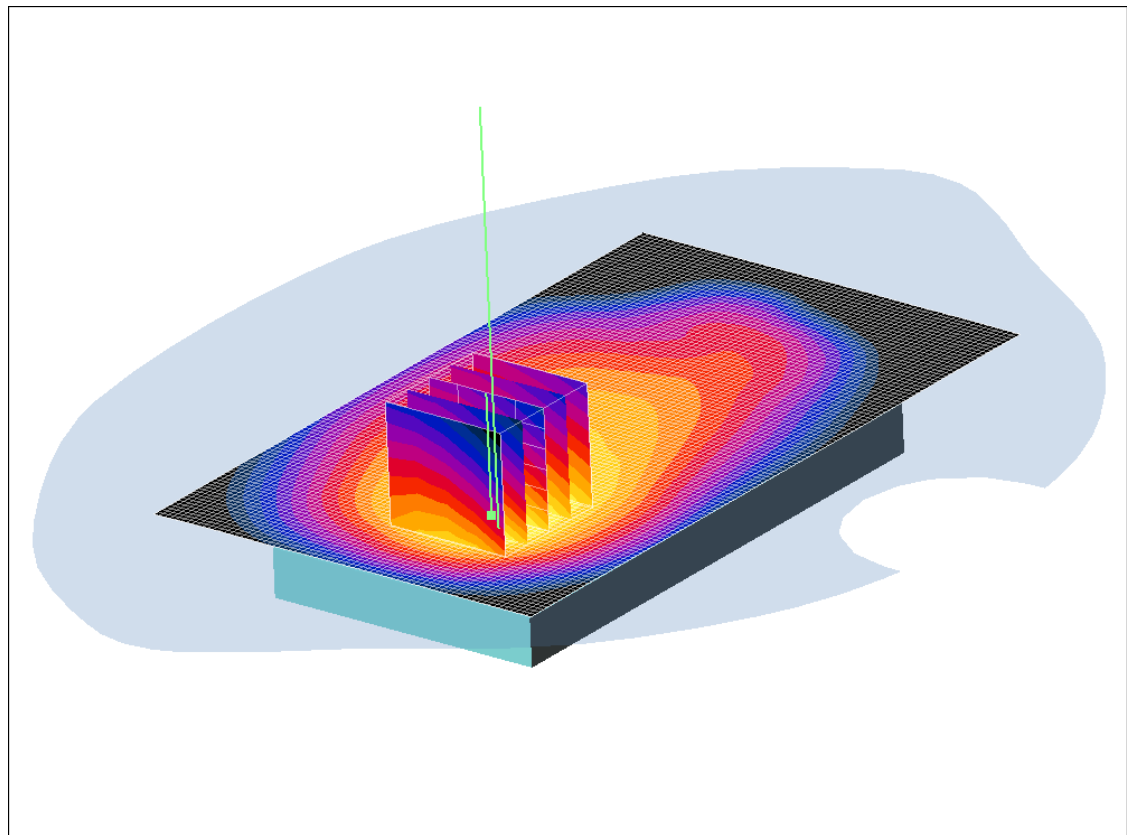
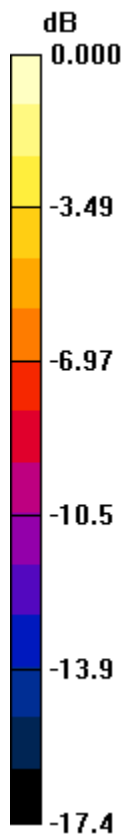
Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.493 mW/g

Rear Personal Hands Free - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

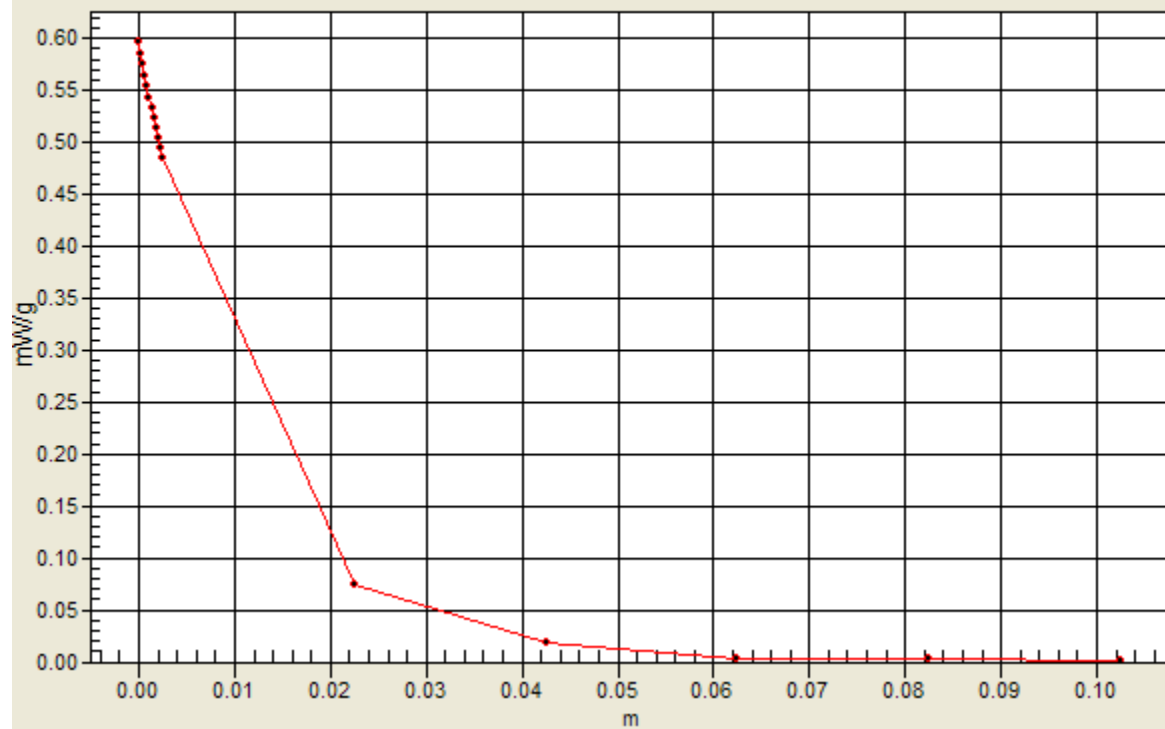
Maximum value of SAR (interpolated) = 0.597 mW/g



0 dB = 0.597mW/g

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



SCN/11U13867/001: Touch Left CDMA1900 CH 600

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.589 mW/g

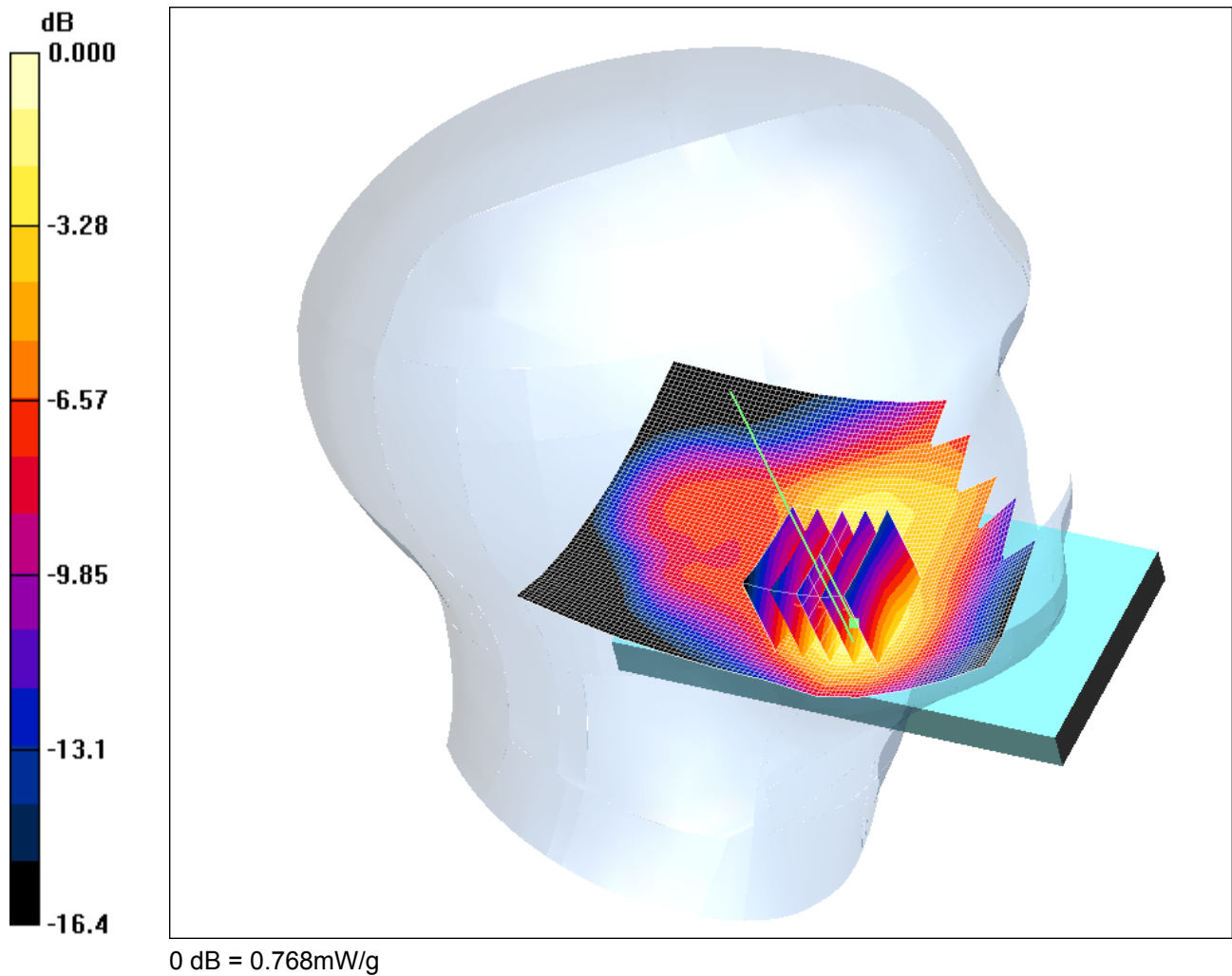
Touch Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.636 mW/g



SCN/11U13867/002: Tilt Left CDMA1900 CH 600

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.465 mW/g

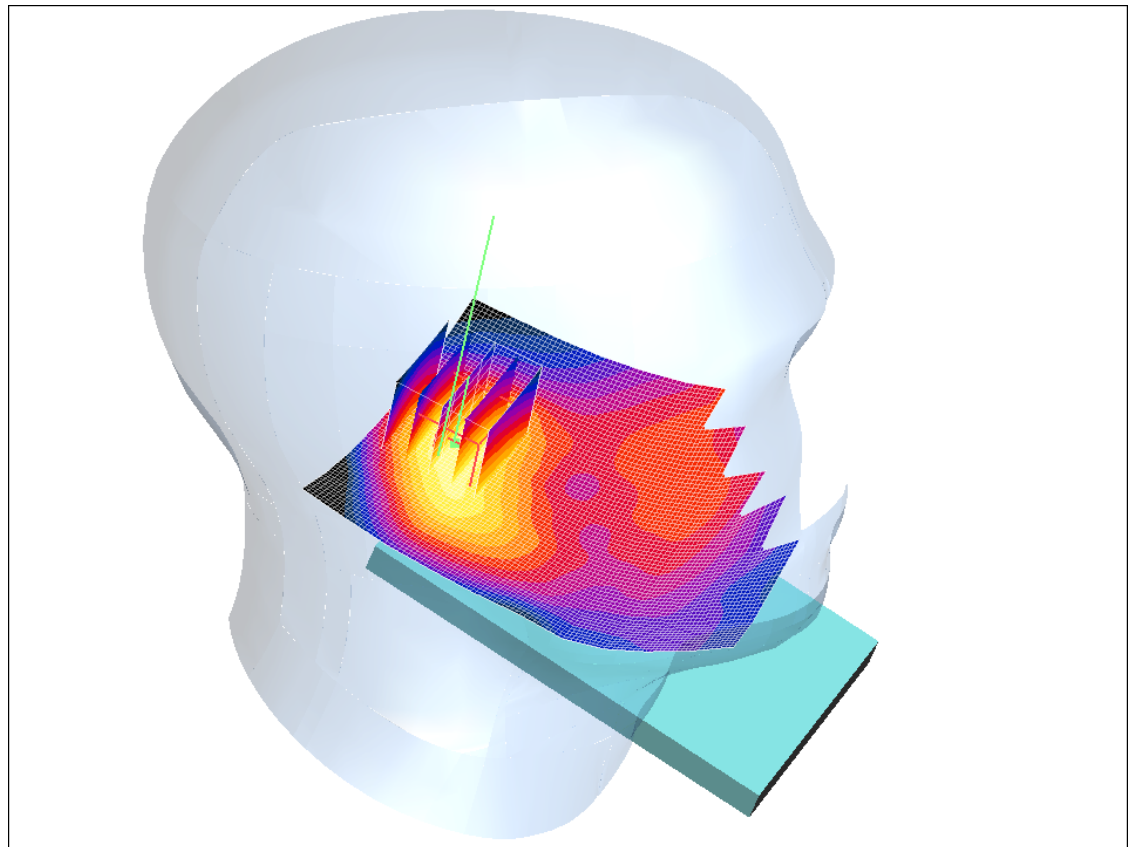
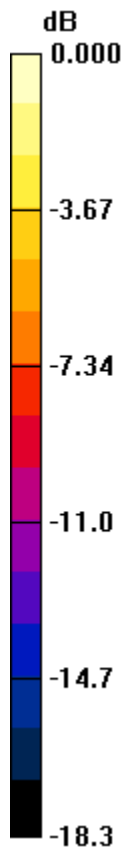
Tilt Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.546 mW/g



0 dB = 0.620mW/g

SCN/11U13867/003: Touch Right CDMA1900 CH 600

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 mW/g

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

Reference Value = 9.94 V/m; Power Drift = -0.195 dB

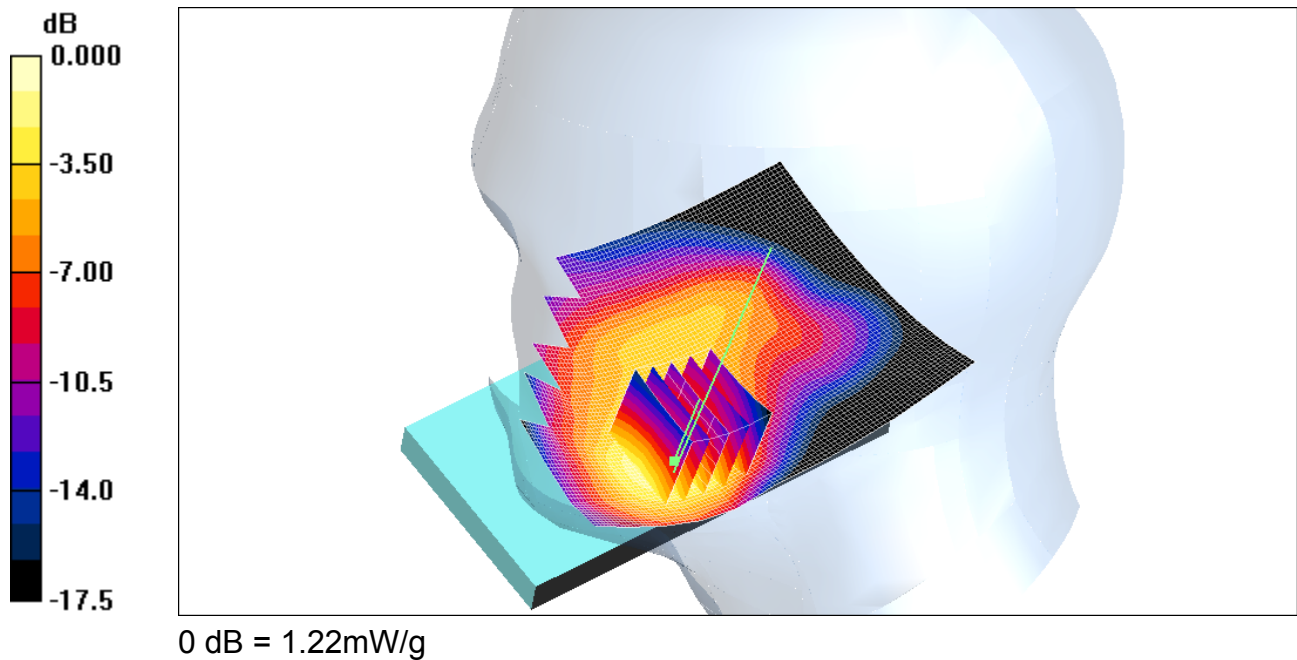
Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.536 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

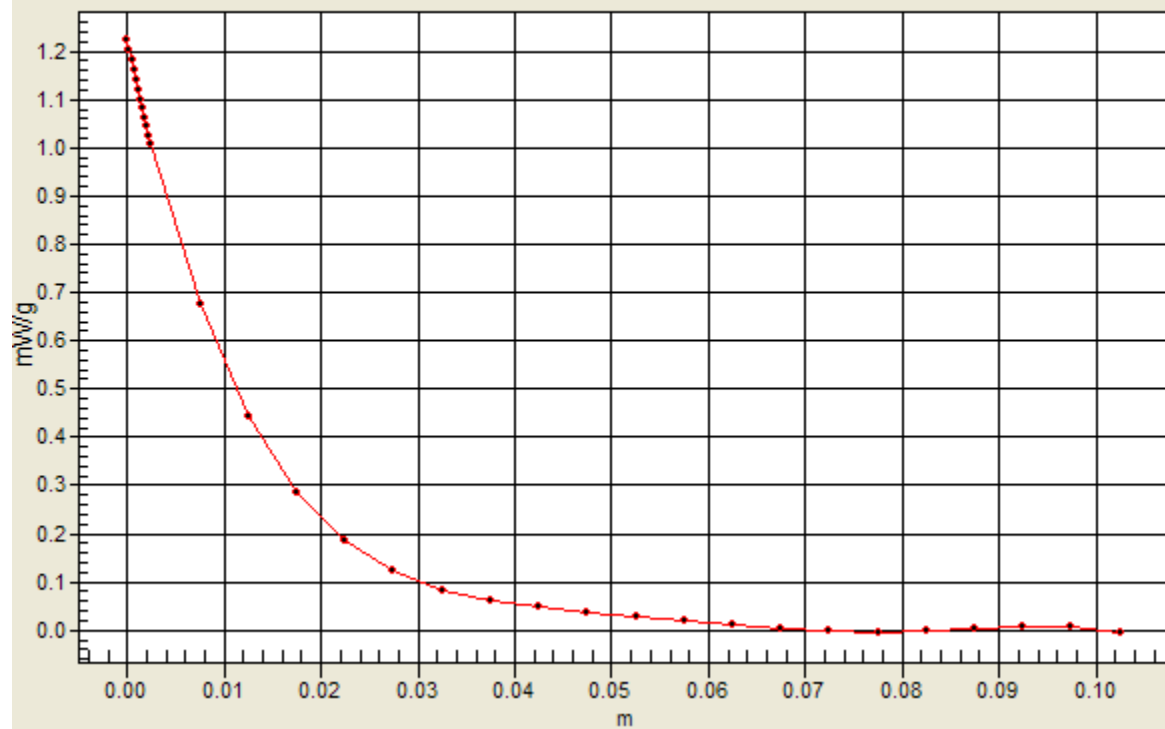
Touch Right - Middle/Z Scan (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (interpolated) = 1.22 mW/g



Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



SCN/11U13867/004: Tilt Right CDMA1900 CH 600

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Right - High/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.675 mW/g

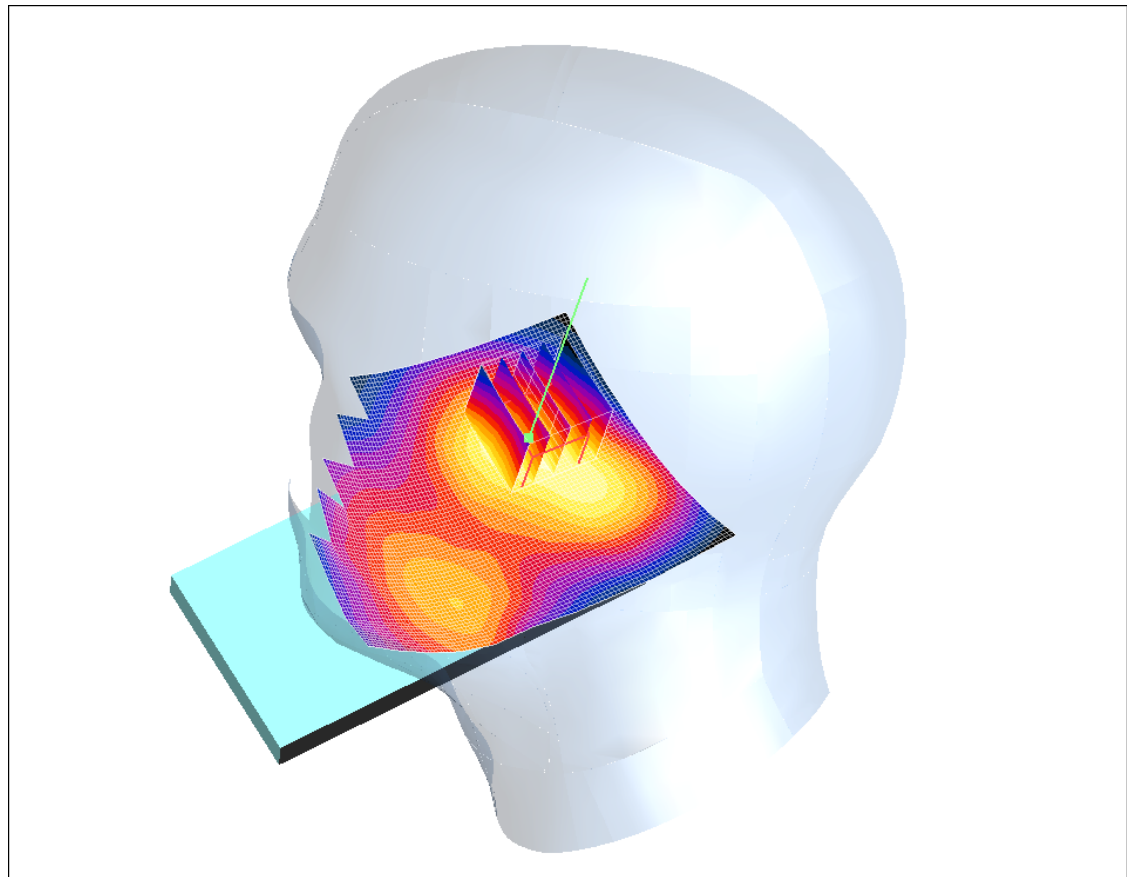
Tilt Right - High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.6 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.708mW/g

SCN/11U13867/005: Touch Right CDMA1900 CH 25

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - Low/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

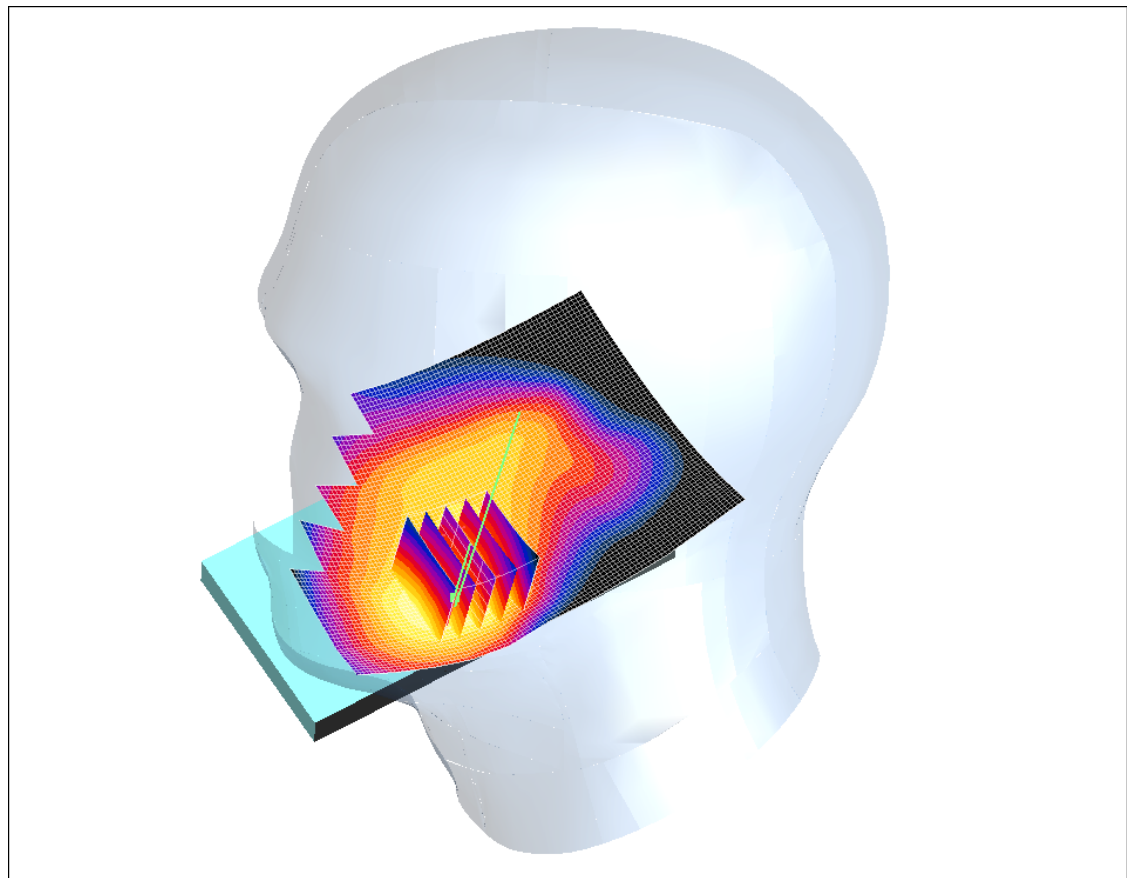
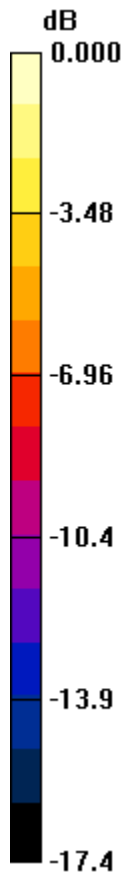
Touch Right - Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.40 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 0.983 mW/g



0 dB = 1.15mW/g

SCN/11U13867/006: Touch Right CDMA1900 CH 1175

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 mW/g

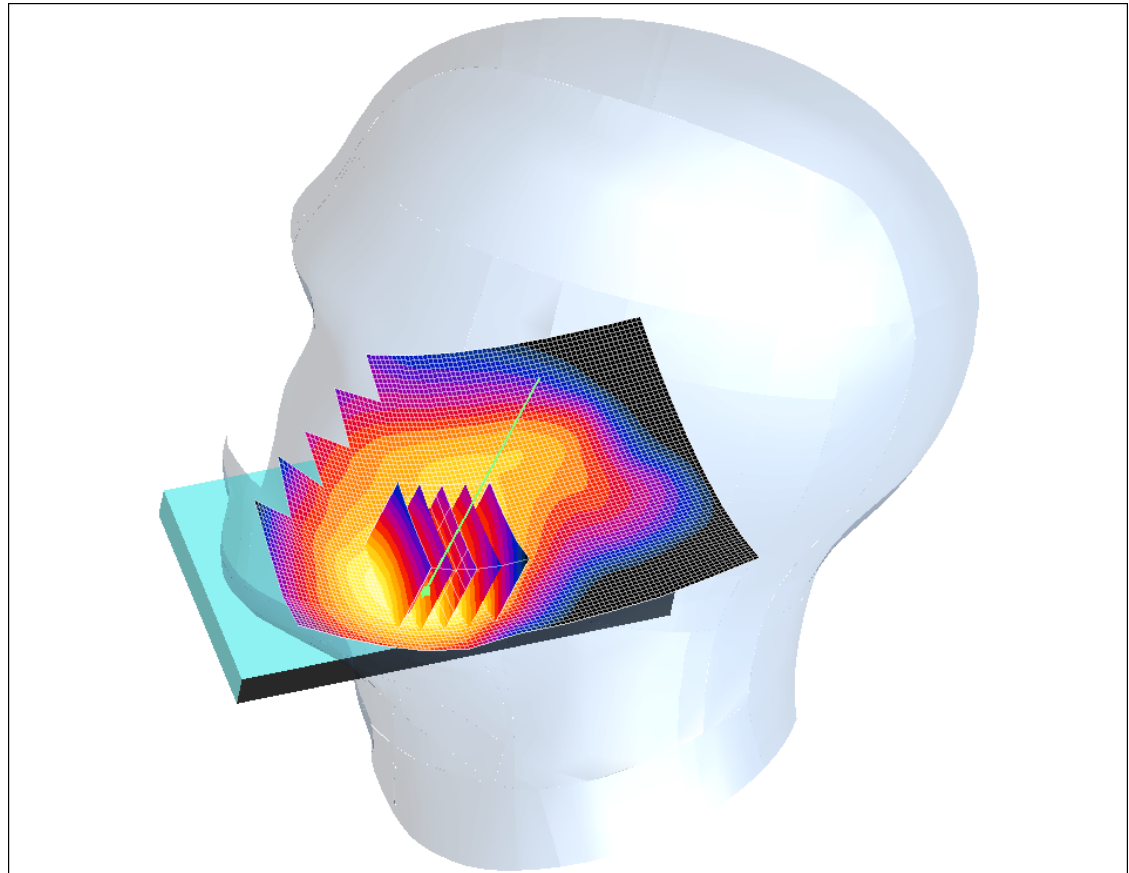
Touch Right - High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.86 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



0 dB = 1.21mW/g

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right Wireless Charger - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.958 mW/g

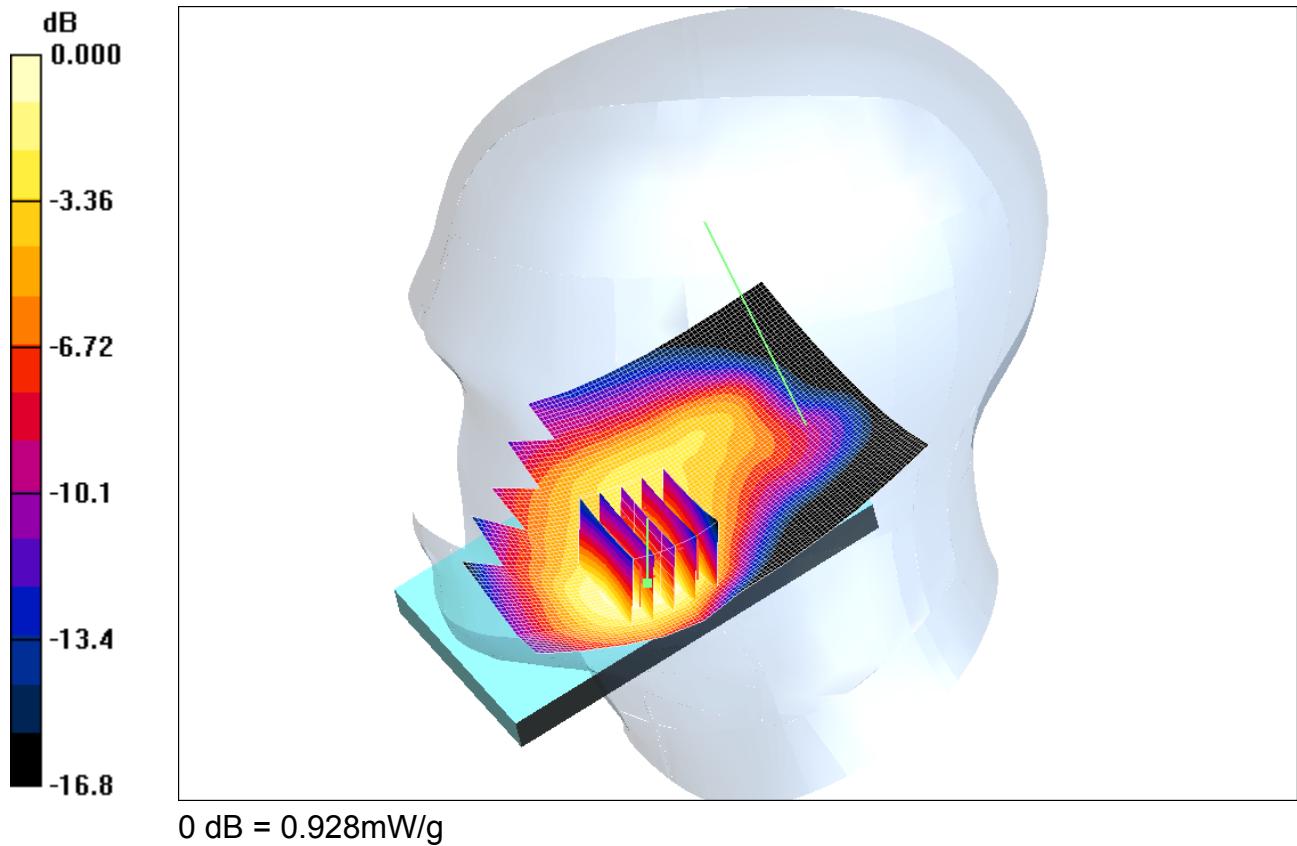
Touch Right Wireless Charger - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.24 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.928 mW/g



SCN/11U13867/013: Front of EUT Facing Phantom CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Front - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.964 mW/g

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

Reference Value = 13.9 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

Front - Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.151 dB

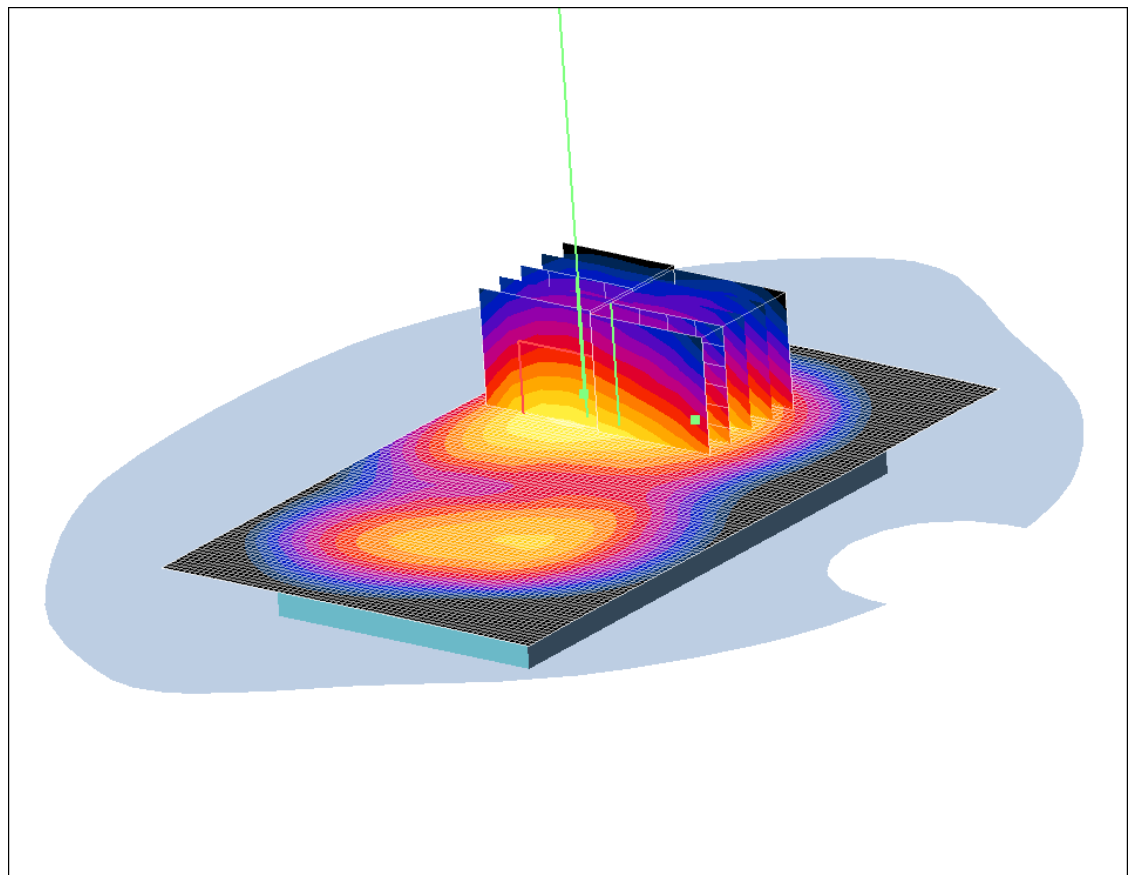
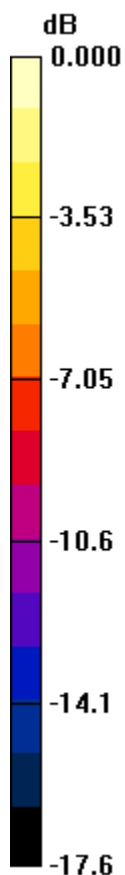
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.941 mW/g

Front - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g



0 dB = 1.36mW/g

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Front - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.944 mW/g

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

Reference Value = 13.0 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

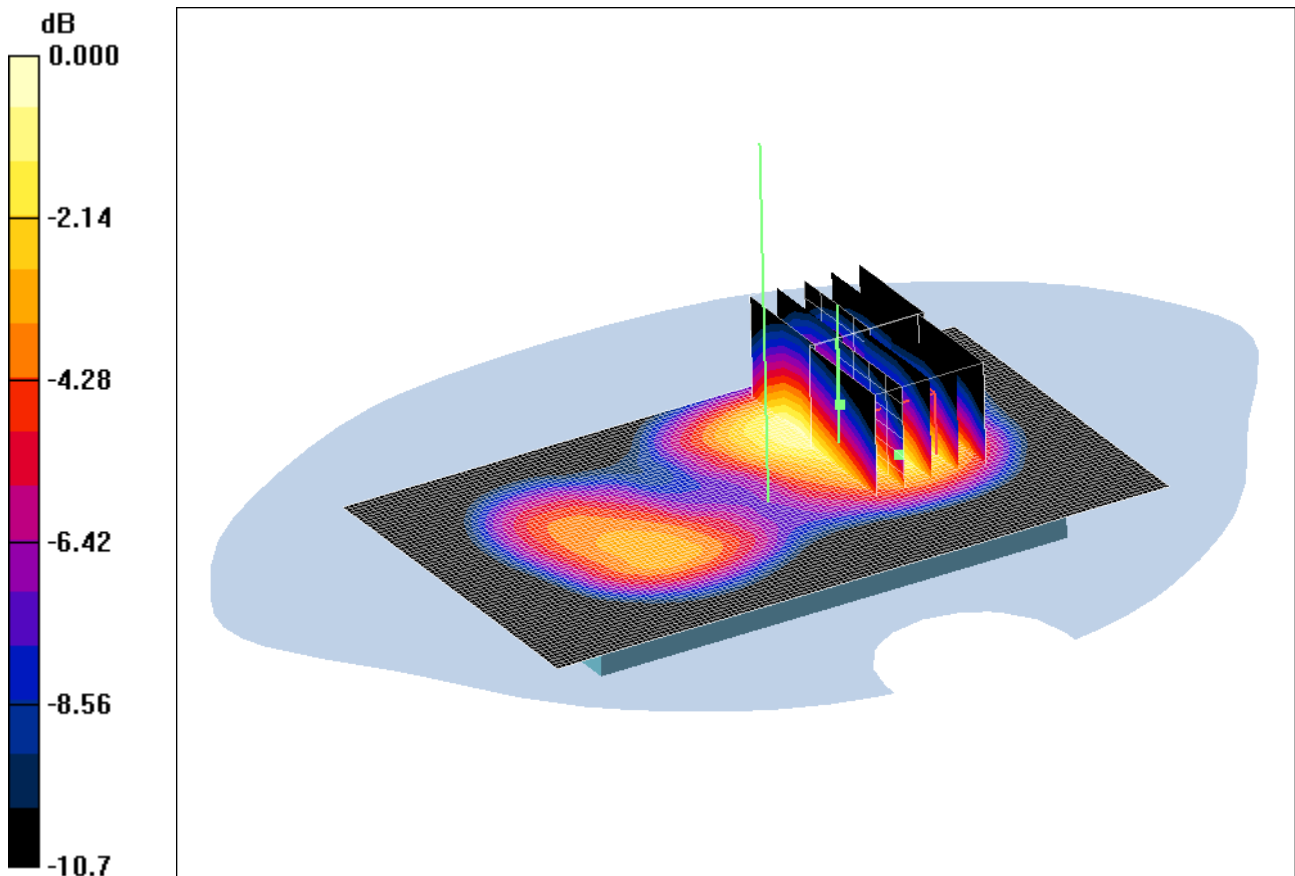
Front - Low/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.913 mW/g



0 dB = 0.913mW/g

SCN/11U13867/015: Front of EUT Facing Phantom CDMA1900 CH 1175

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Front - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.898 mW/g

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

Reference Value = 13.5 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 1.01 mW/g

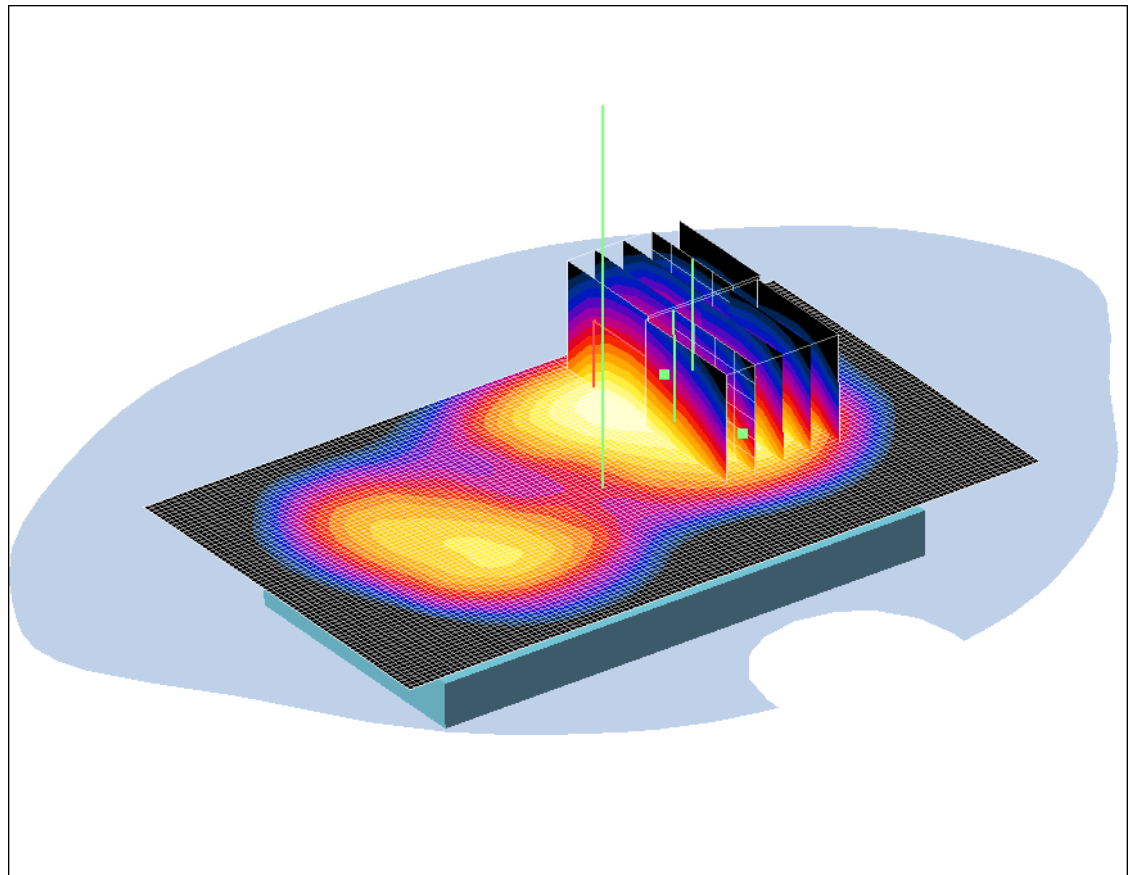
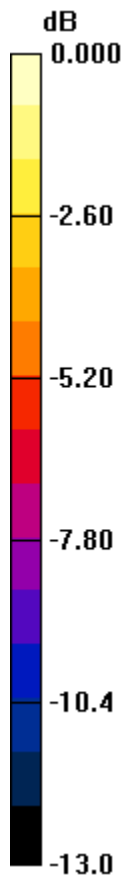
Front - High/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.785mW/g

SCN/11U13867/016: Rear of EUT Facing Phantom CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 mW/g

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

Reference Value = 15.7 V/m; Power Drift = -0.087 dB

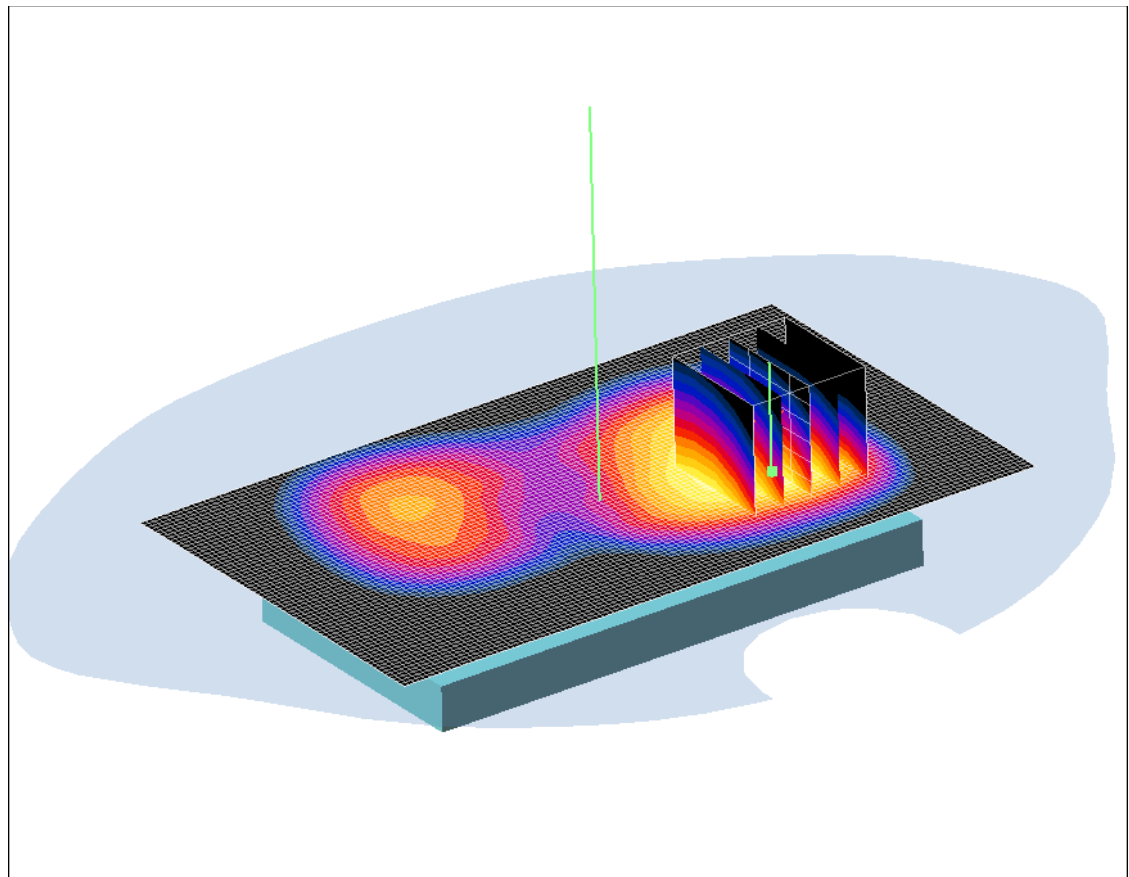
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.709 mW/g

Maximum value of SAR (measured) = 1.34 mW/g

Rear - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

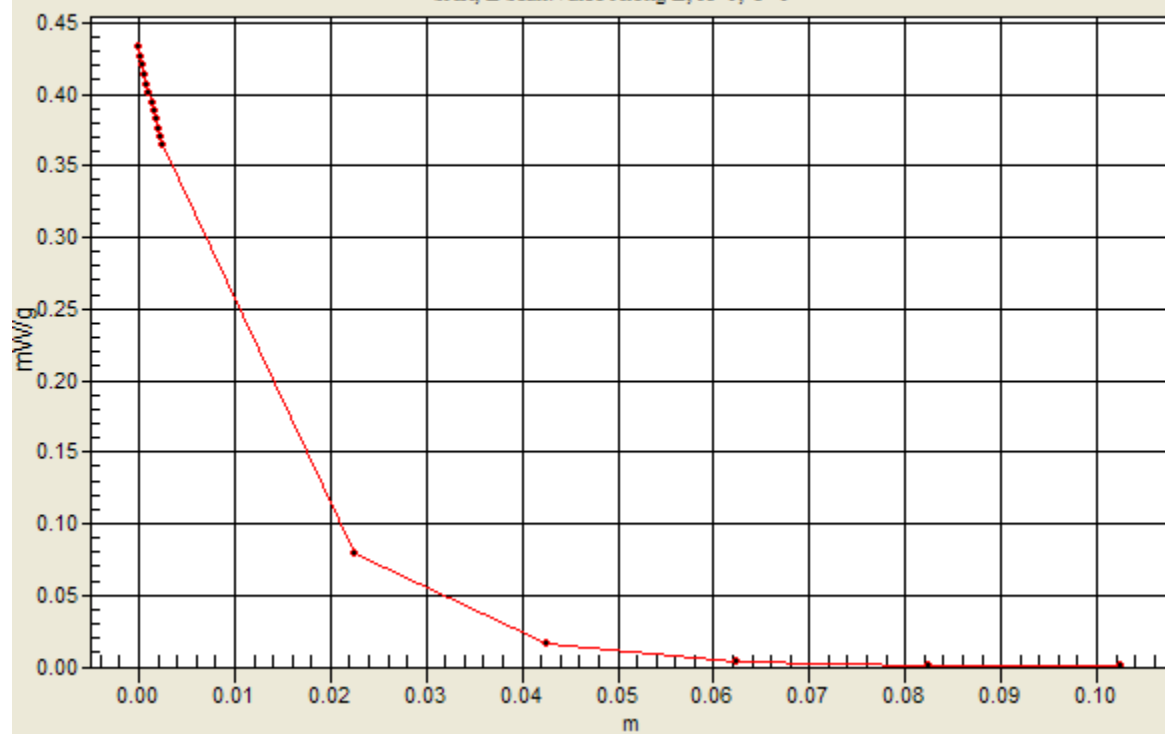
Maximum value of SAR (interpolated) = 0.433 mW/g



0 dB = 1.34mW/g

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.23 mW/g

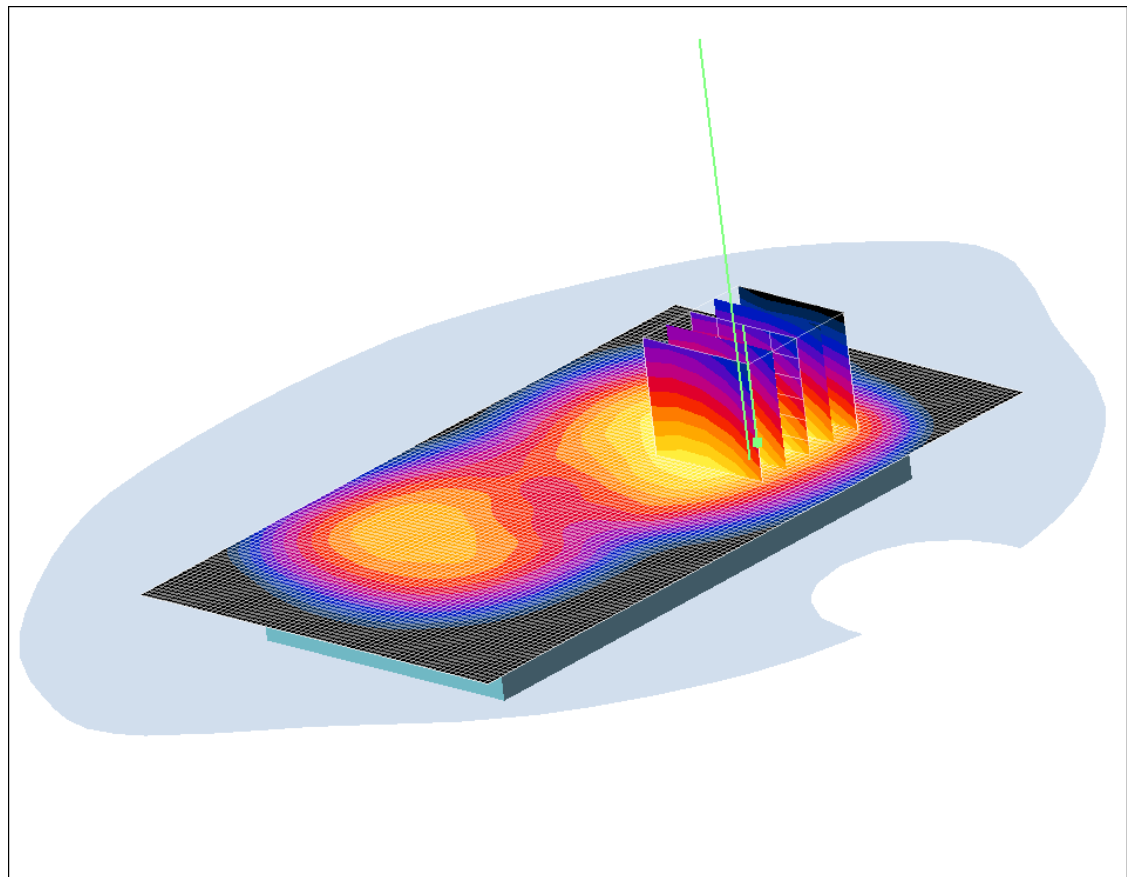
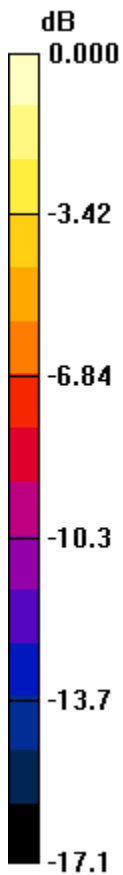
Rear - Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.704 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.59mW/g

SCN/11U13867/018: Rear of EUT Facing Phantom CDMA1900 CH 1175

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

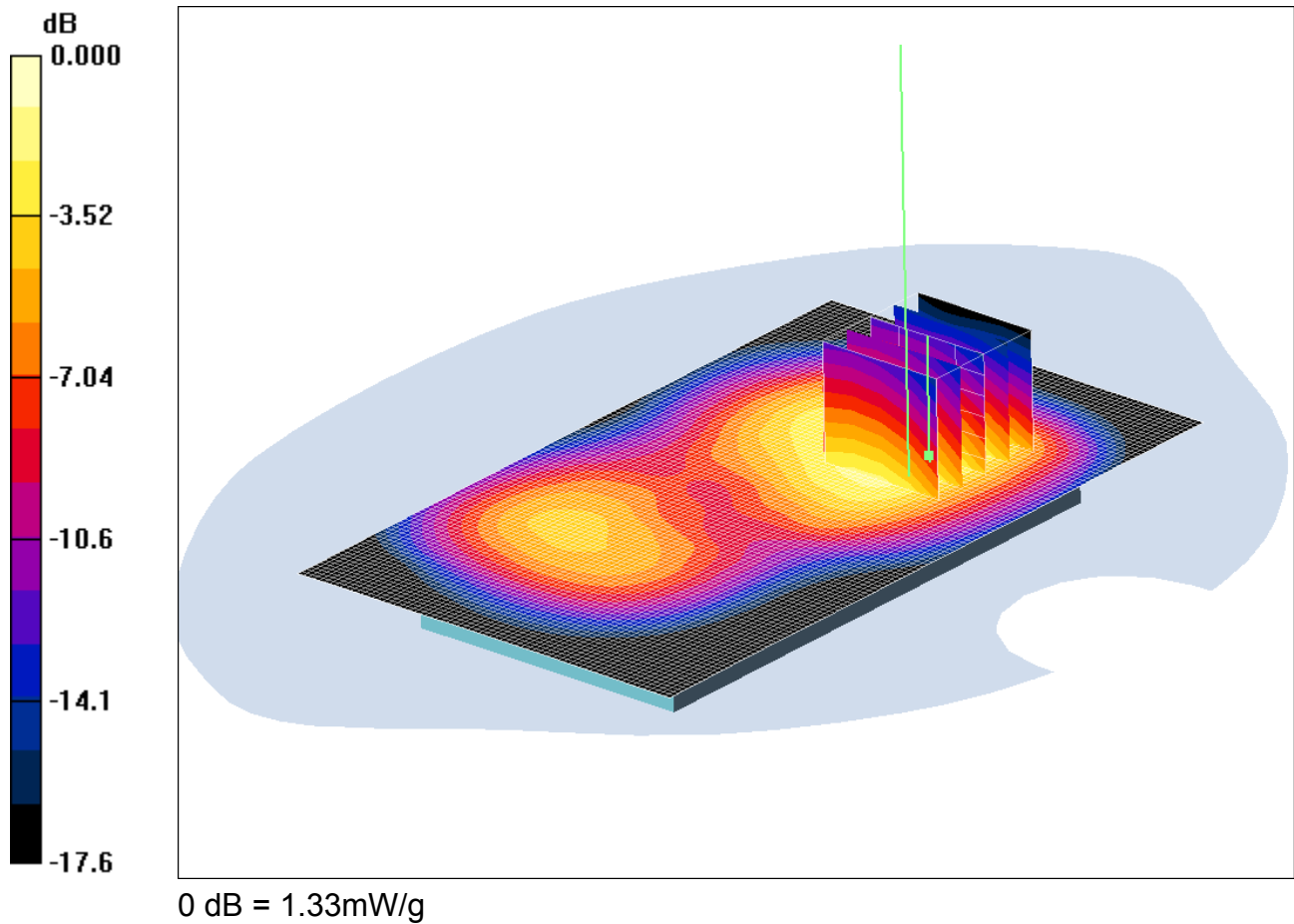
Rear - High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



SCN/11U13867/019: Left of EUT Facing Phantom CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Left - Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.220 mW/g

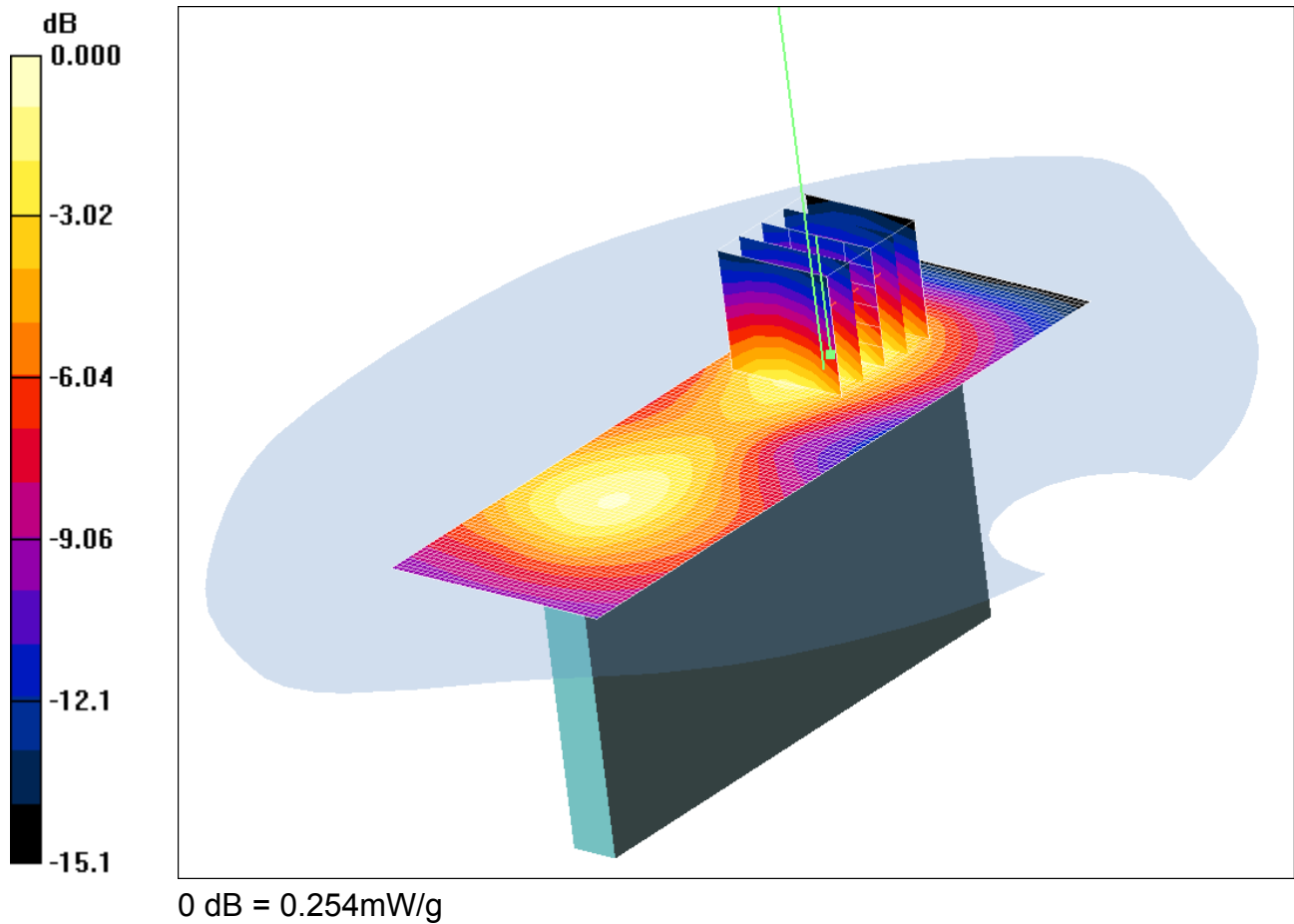
Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.69 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



SCN/11U13867/020: Right of EUT Facing Phantom CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Right - Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.848 mW/g

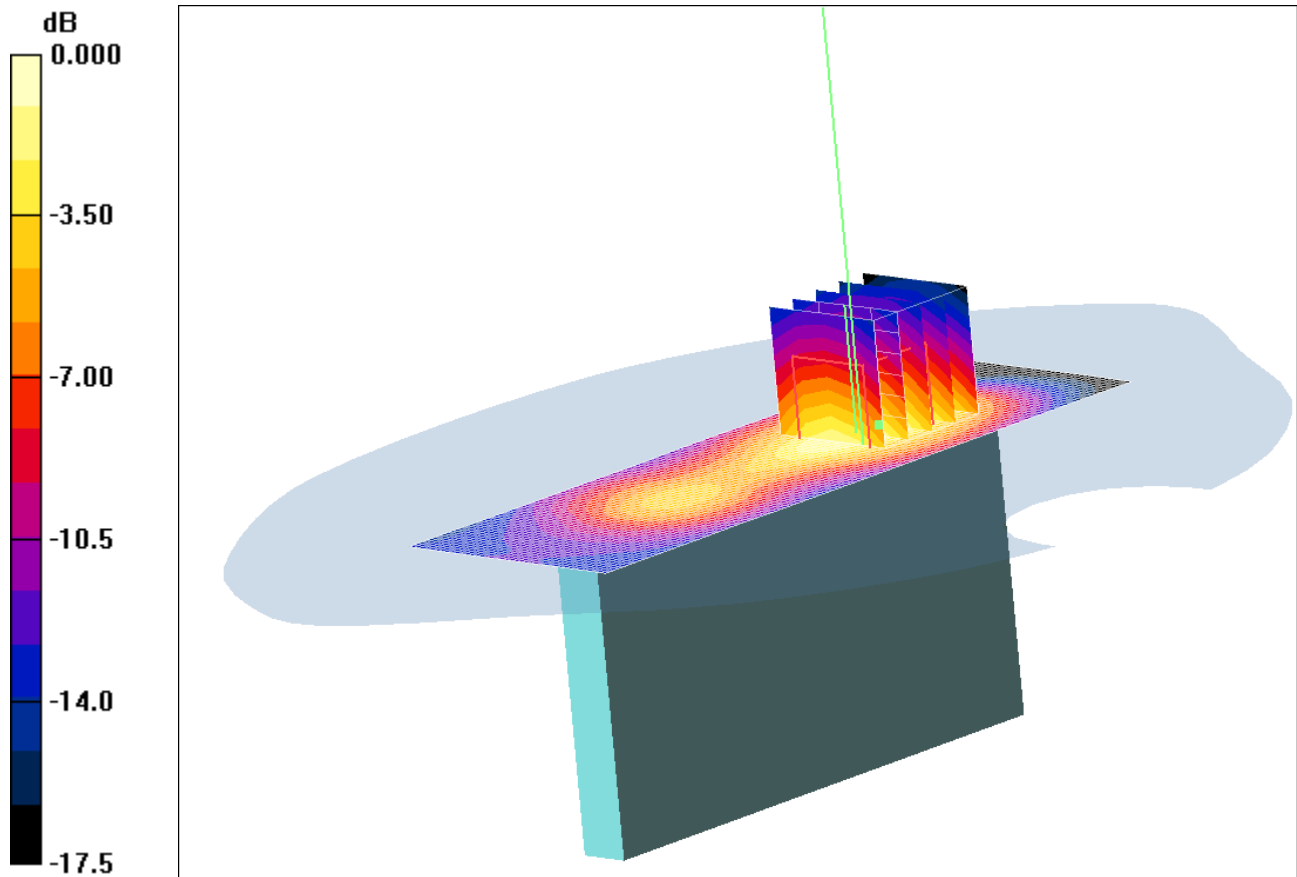
Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.822 mW/g



0 dB = 0.990mW/g

SCN/11U13867/021: Top of EUT Facing Phantom CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Top - Middle/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.109 mW/g

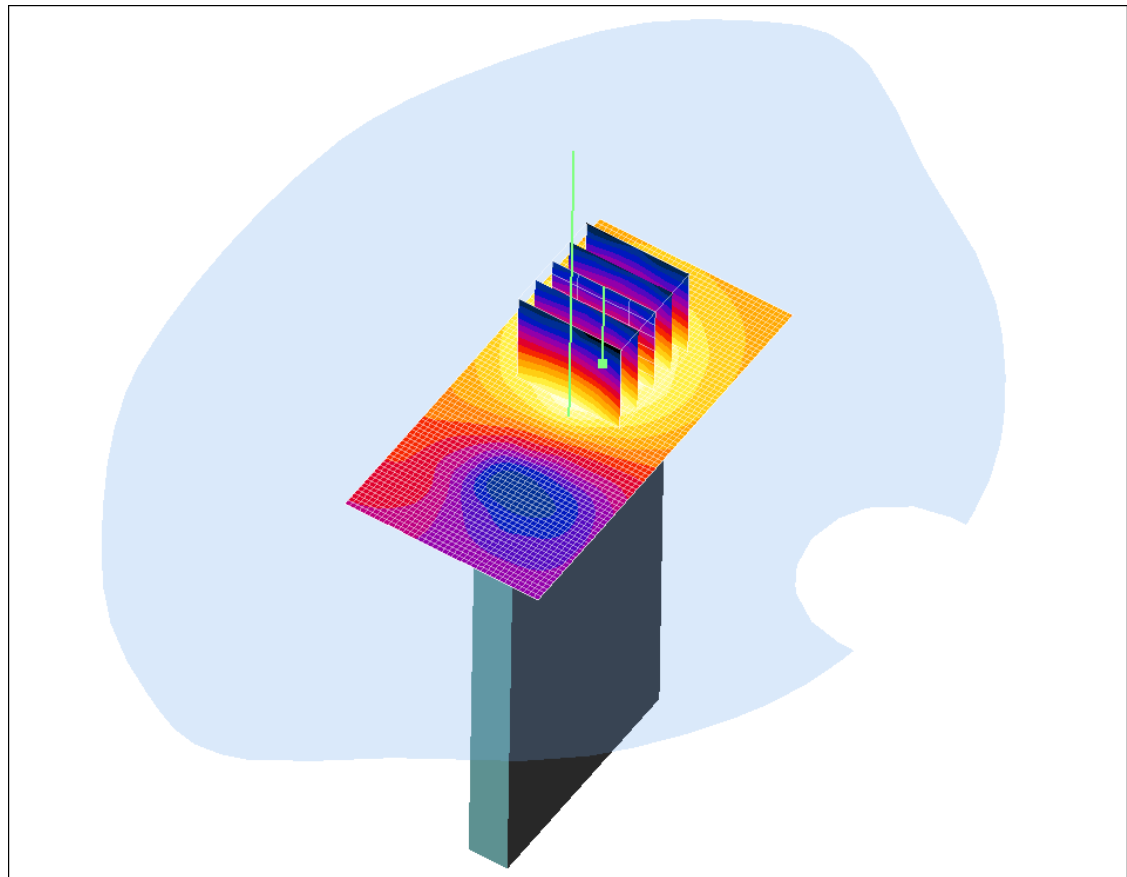
Top - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.14 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.095mW/g

SCN/11U13867/022: Bottom of EUT Facing Phantom CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Bottom - Middle/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.380 mW/g

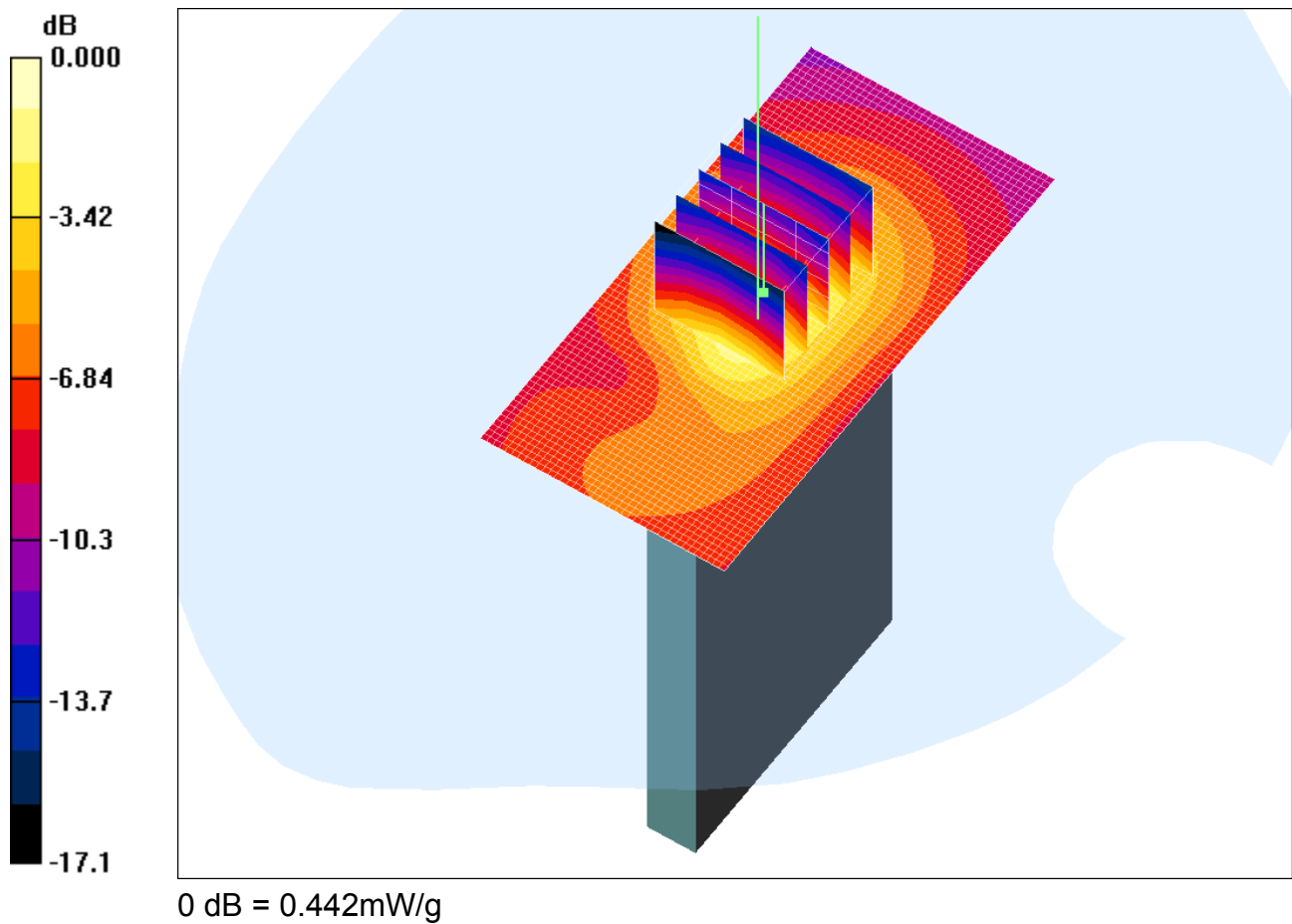
Bottom - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



SCN/11U13867/023: Rear of EUT Facing Phantom Wireless Charger Back Cover Attached CDMA1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear Wireless Charger - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.814 mW/g

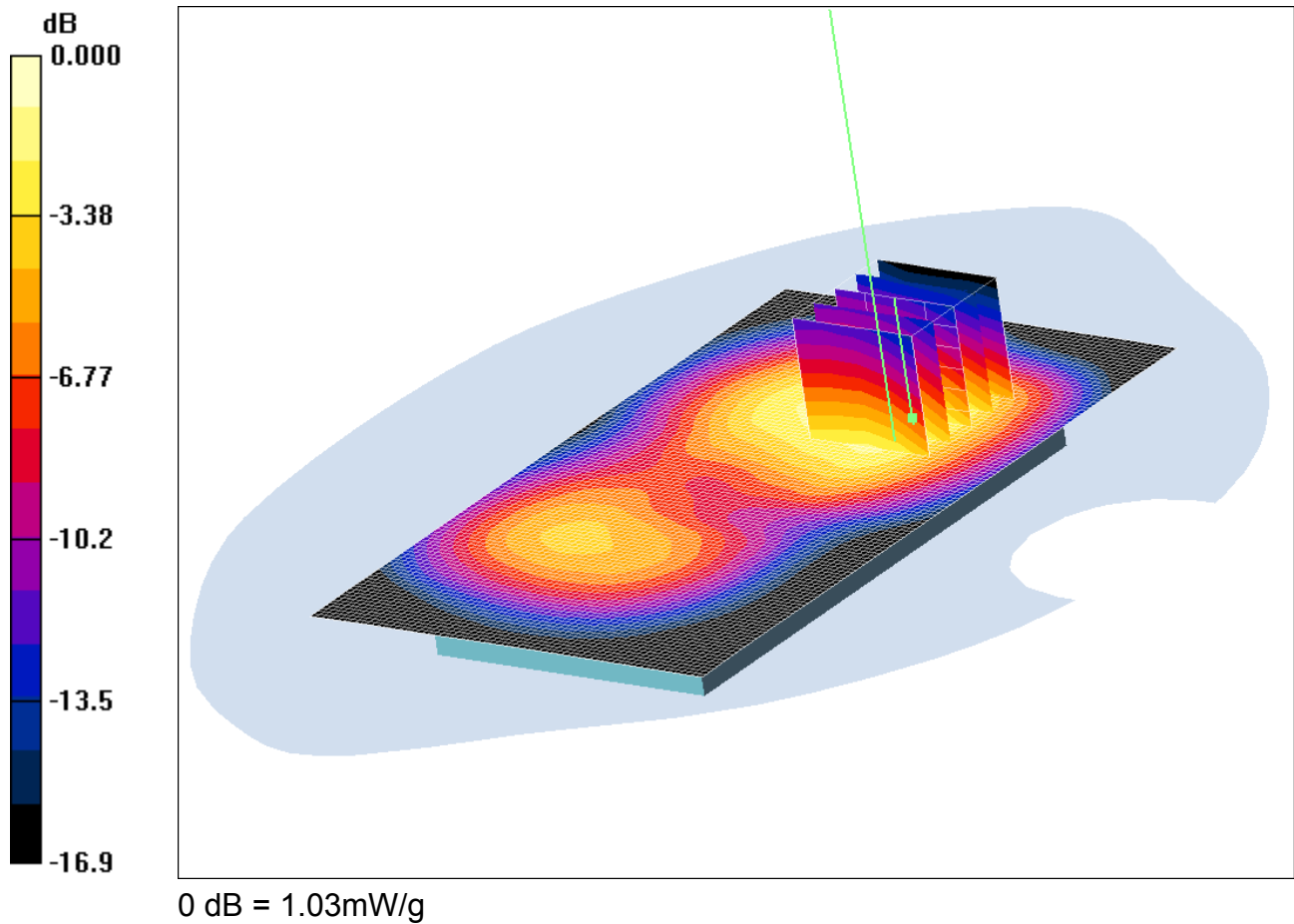
Rear Wireless Charger - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 0.872 mW/g



Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear Personal Hands Free - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.880 mW/g

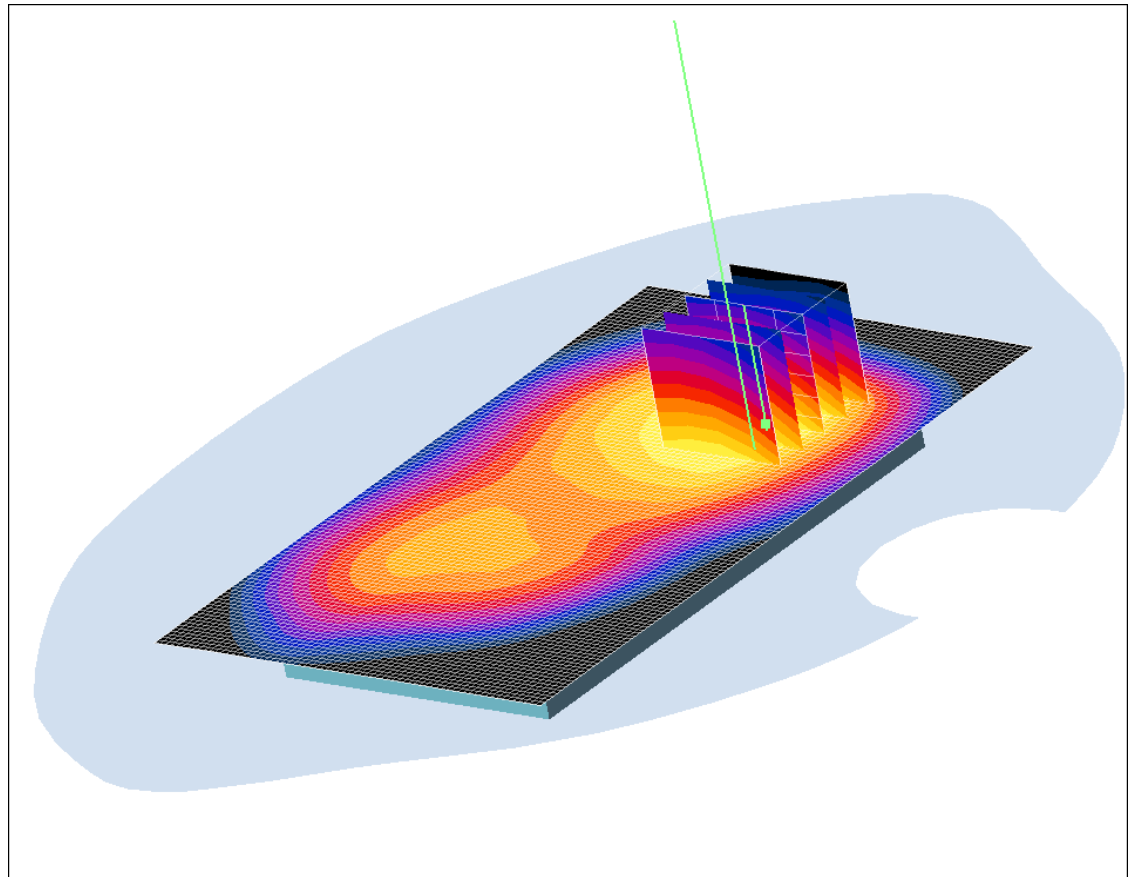
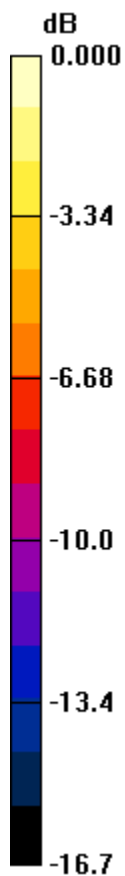
Rear Personal Hands Free - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 0.956 mW/g



0 dB = 1.12mW/g

SCN/11U13867/008: Touch Left CDMA 1900 1xEV-Do CH 600

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.448 mW/g

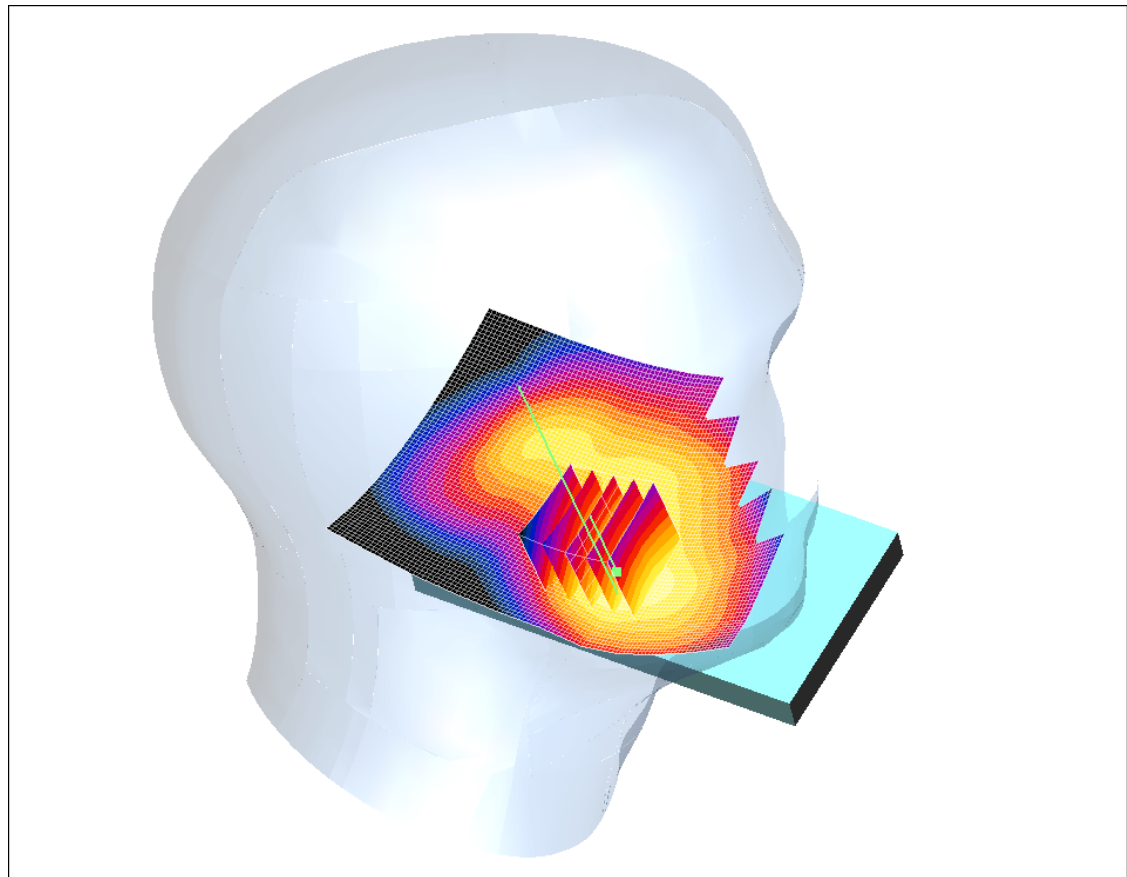
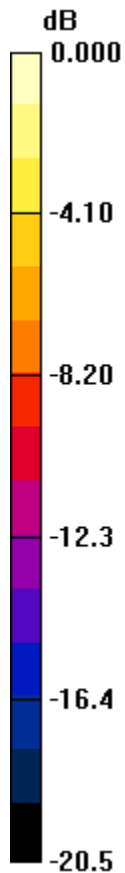
Touch Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.79 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.579mW/g

SCN/11U13867/009: Tilt Left CDMA 1900 1xEv-Do CH 600

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

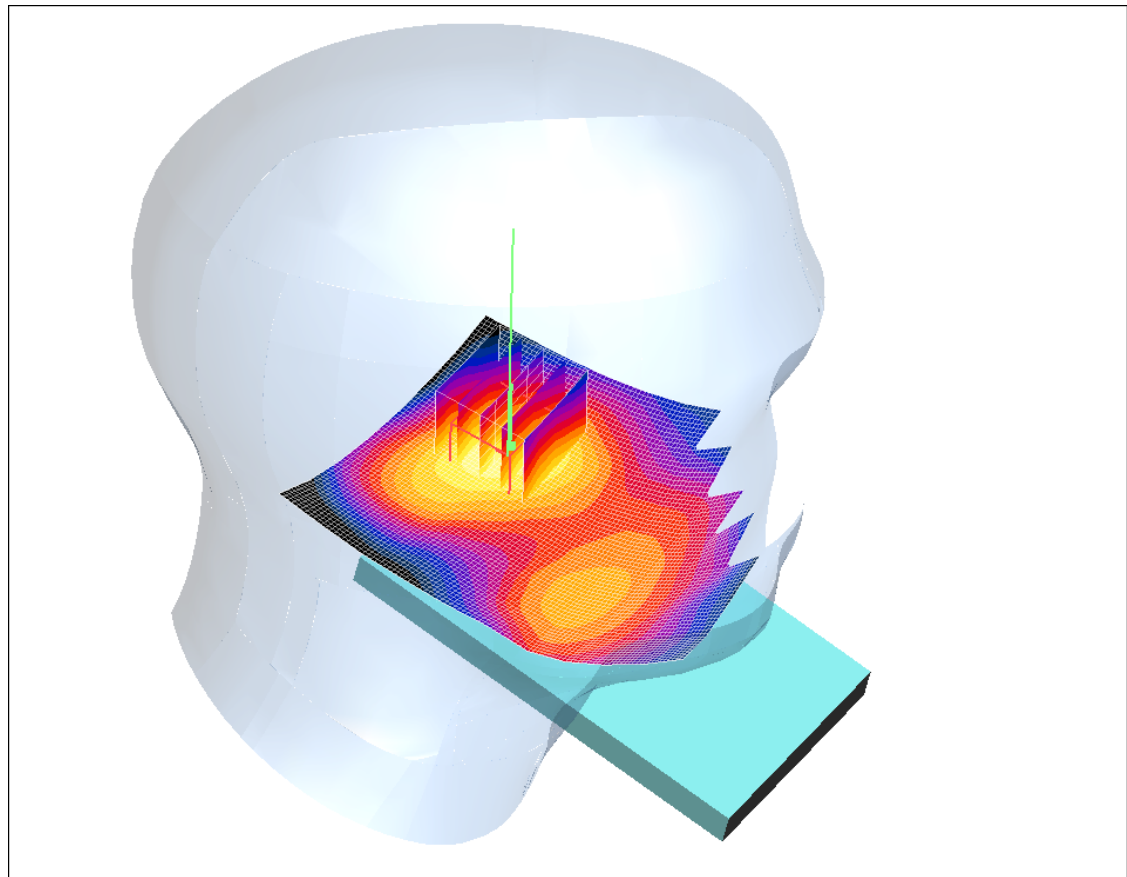
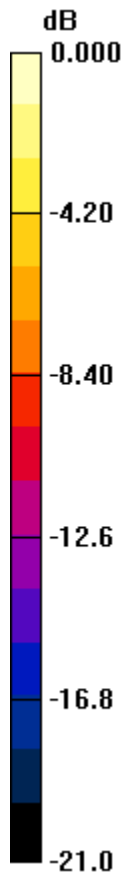
Tilt Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.460mW/g

SCN/11U13867/010: Touch Right CDMA1900 1xEV-Do CH 600

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(8.82, 8.82, 8.82); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.450 mW/g

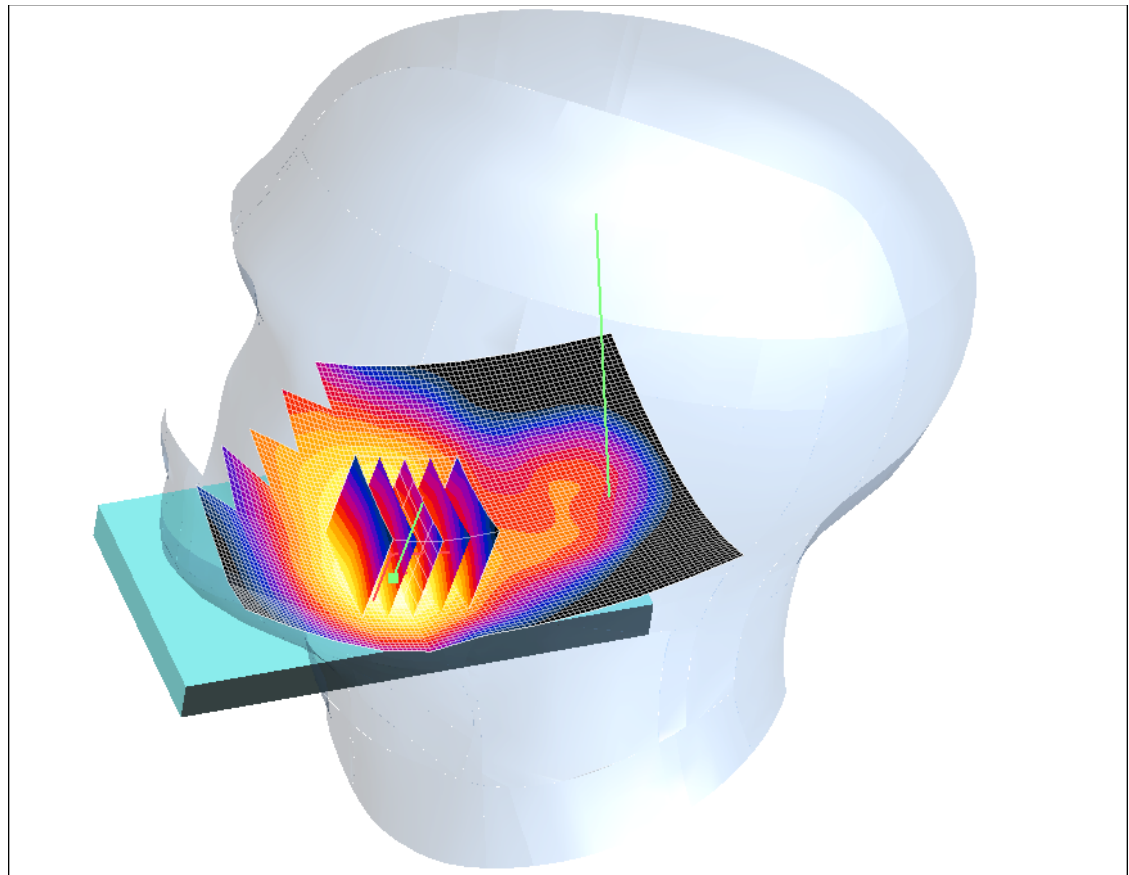
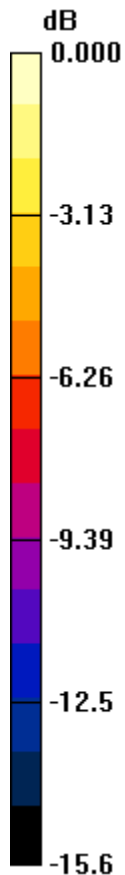
Touch Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

SCN/11U13867/011: Tilt Right CDMA1900 1xEv-Do CH 600

Date: 6/20/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Tilt Right - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.277 mW/g

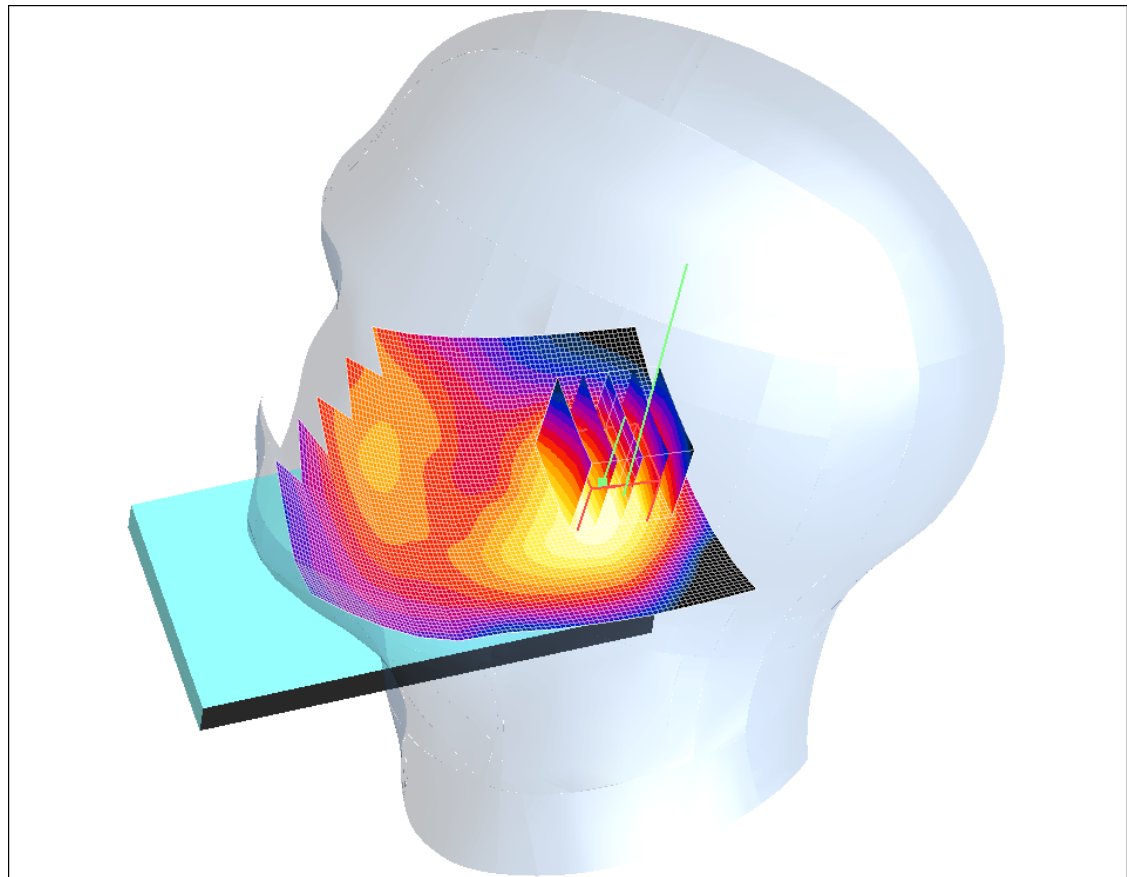
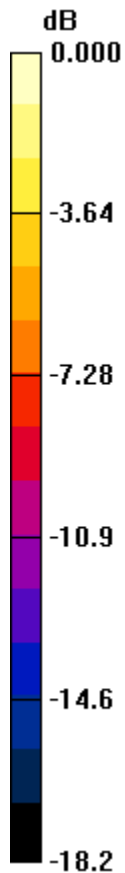
Tilt Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.296mW/g

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.36, 7.36, 7.36); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM B (Twin); Type: SAM B; Serial: TP-105
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.548 mW/g

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

Reference Value = 7.63 V/m; Power Drift = 0.203 dB

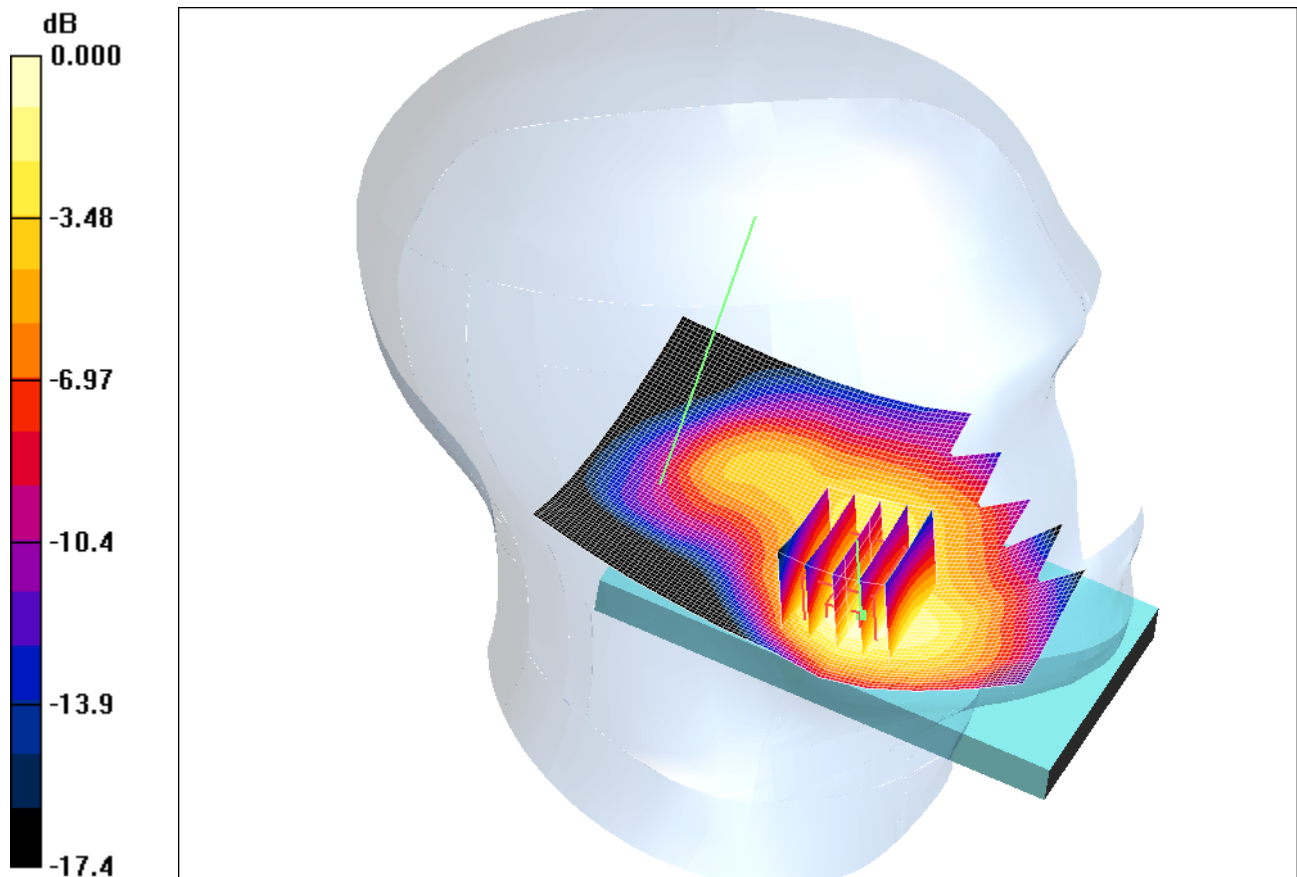
Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.597 mW/g

Touch Left - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

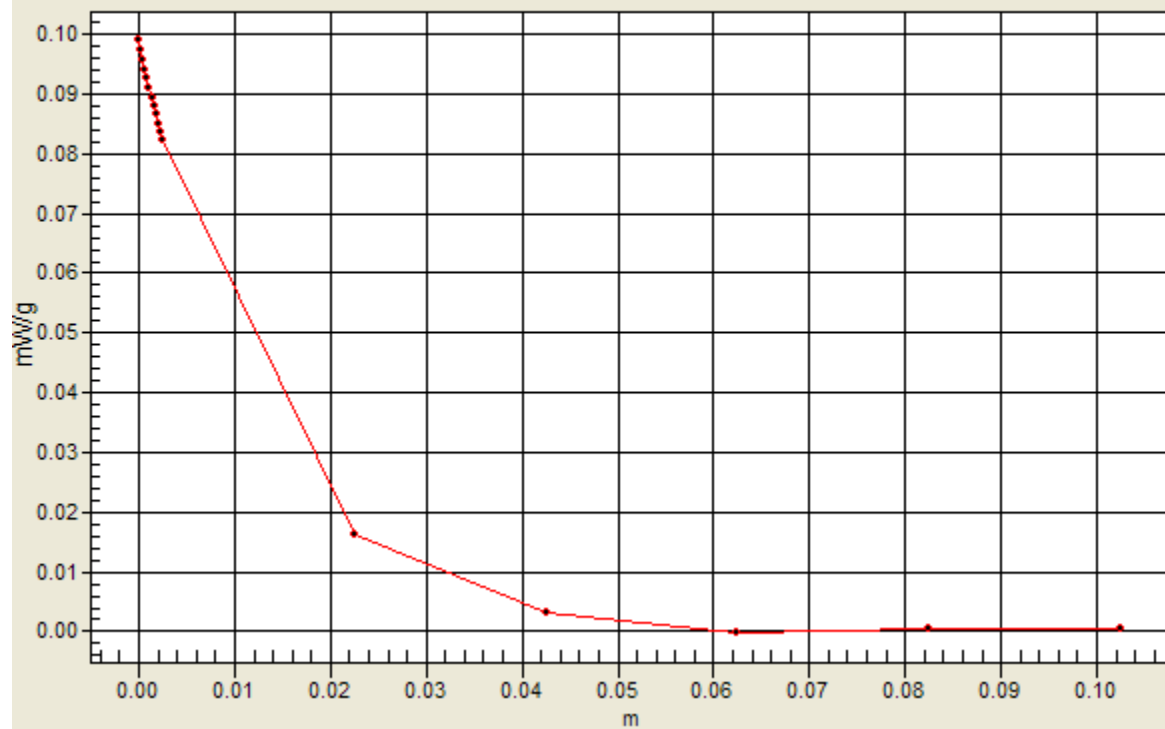
Maximum value of SAR (interpolated) = 0.099 mW/g



0 dB = 0.597mW/g

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



SCN/11U13867/025: Front of EUT Facing Phantom CDMA 1xEV-Do 1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Front - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.535 mW/g

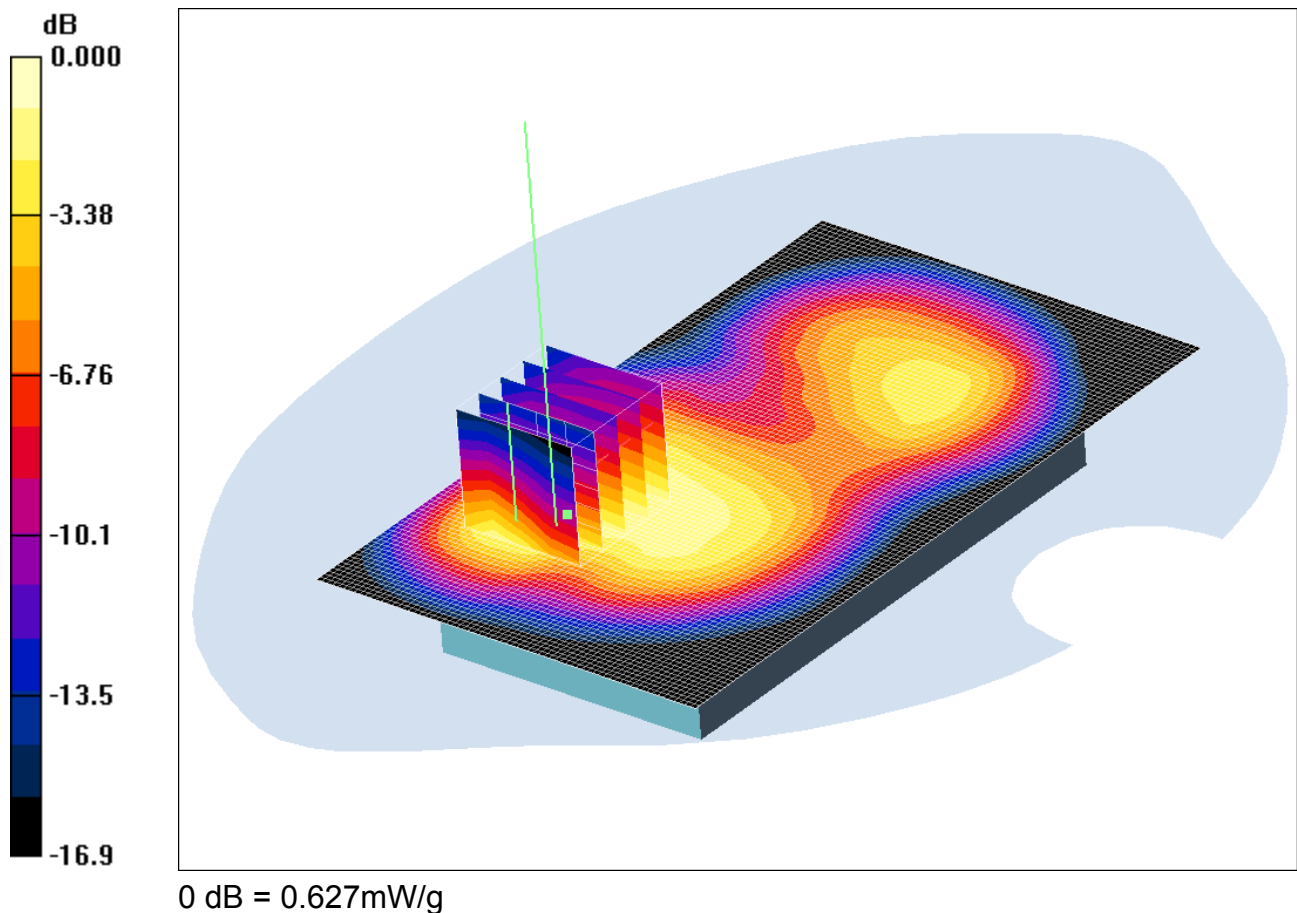
Front - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.579 mW/g



SCN/11U13867/026: Rear of EUT Facing Phantom CDMA 1xEV-Do 1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF (7.33, 7.33, 7.33); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.685 mW/g

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

Reference Value = 13.0 V/m; Power Drift = 0.122 dB

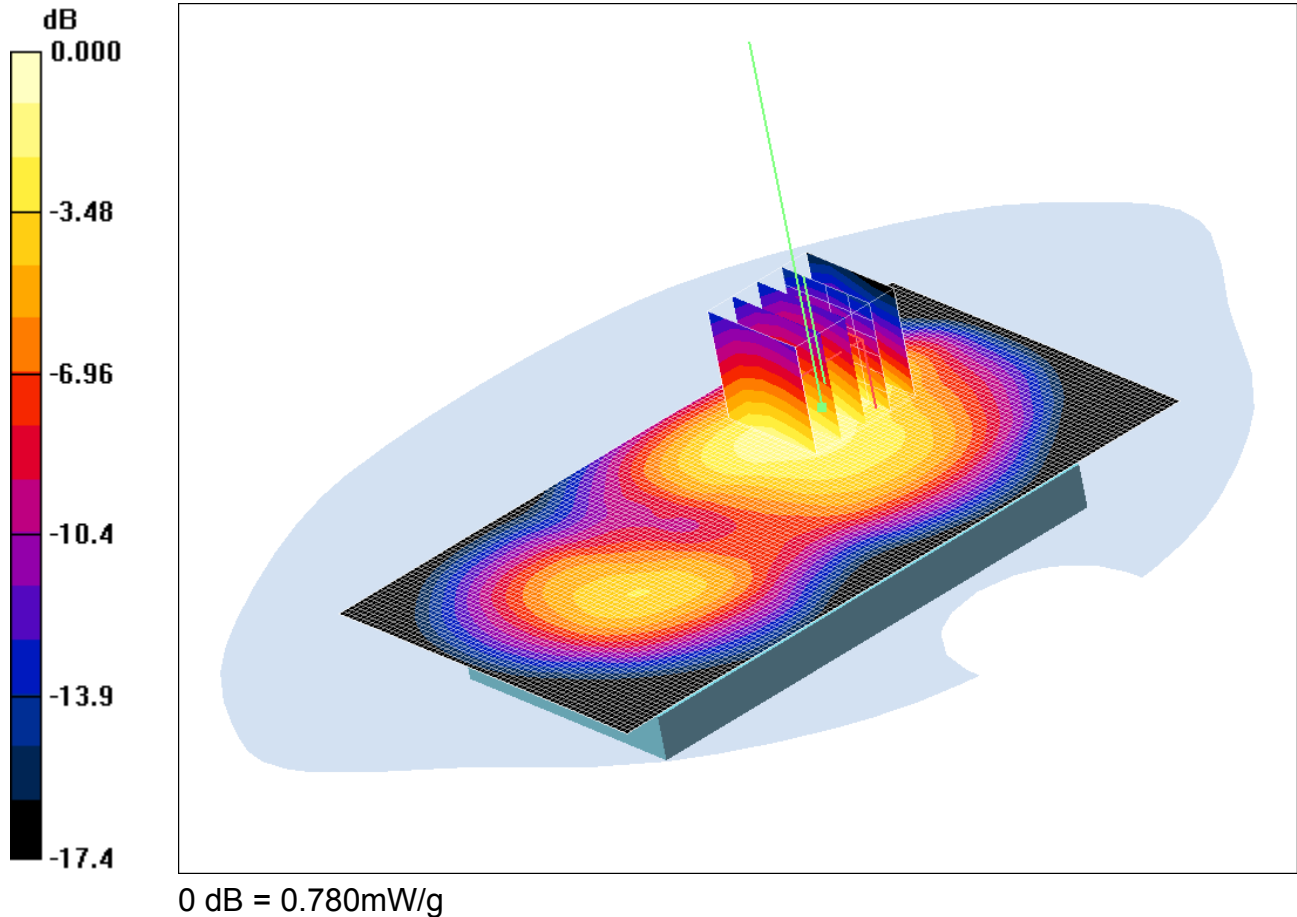
Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.644 mW/g

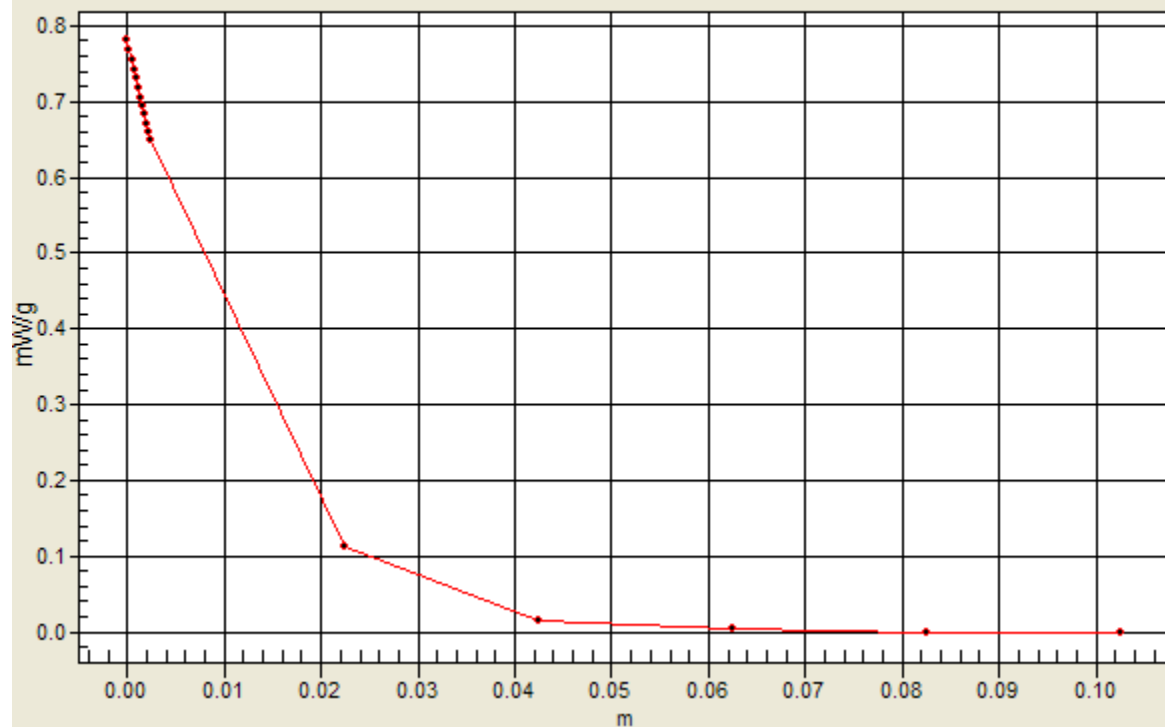
Rear - Middle/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.780 mW/g



Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF (7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Left - Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.482 mW/g

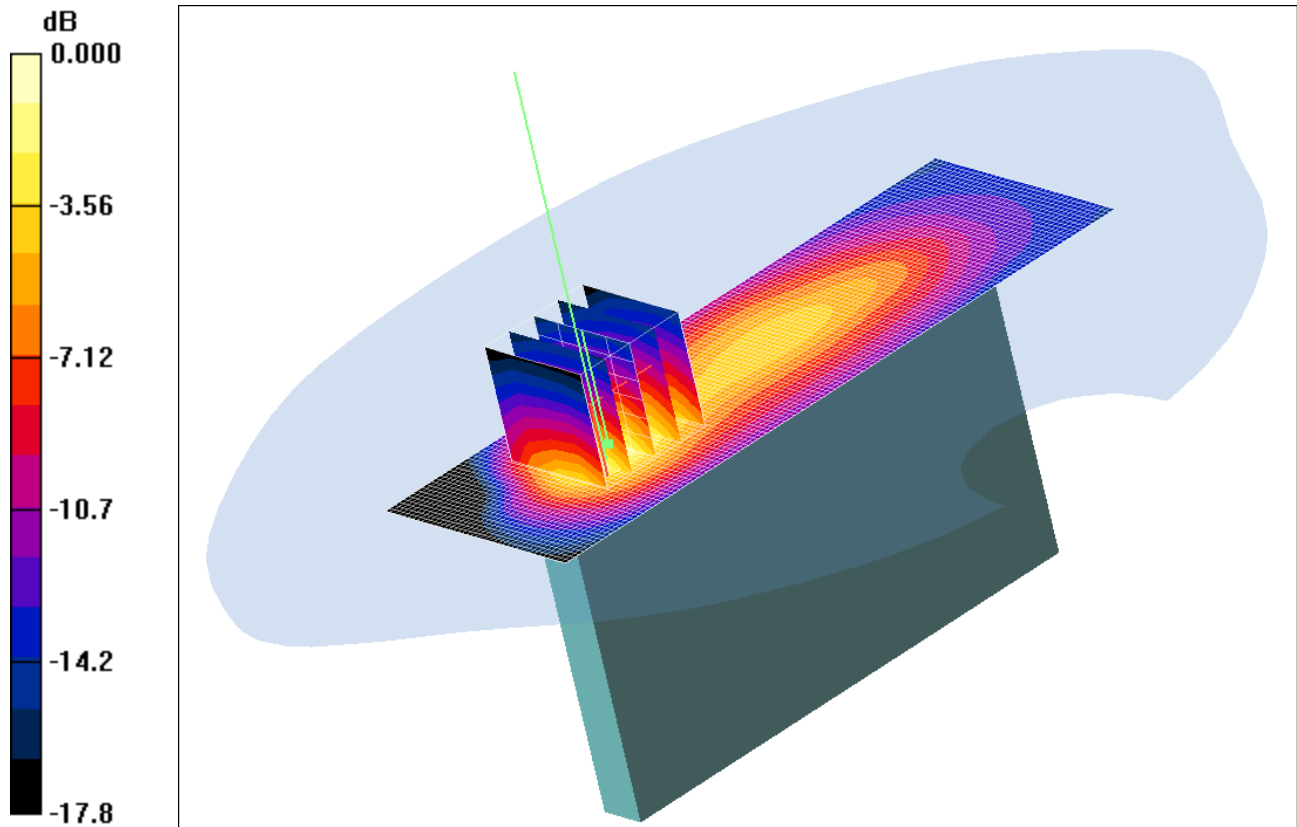
Left - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.589mW/g

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Right - Middle/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.221 mW/g

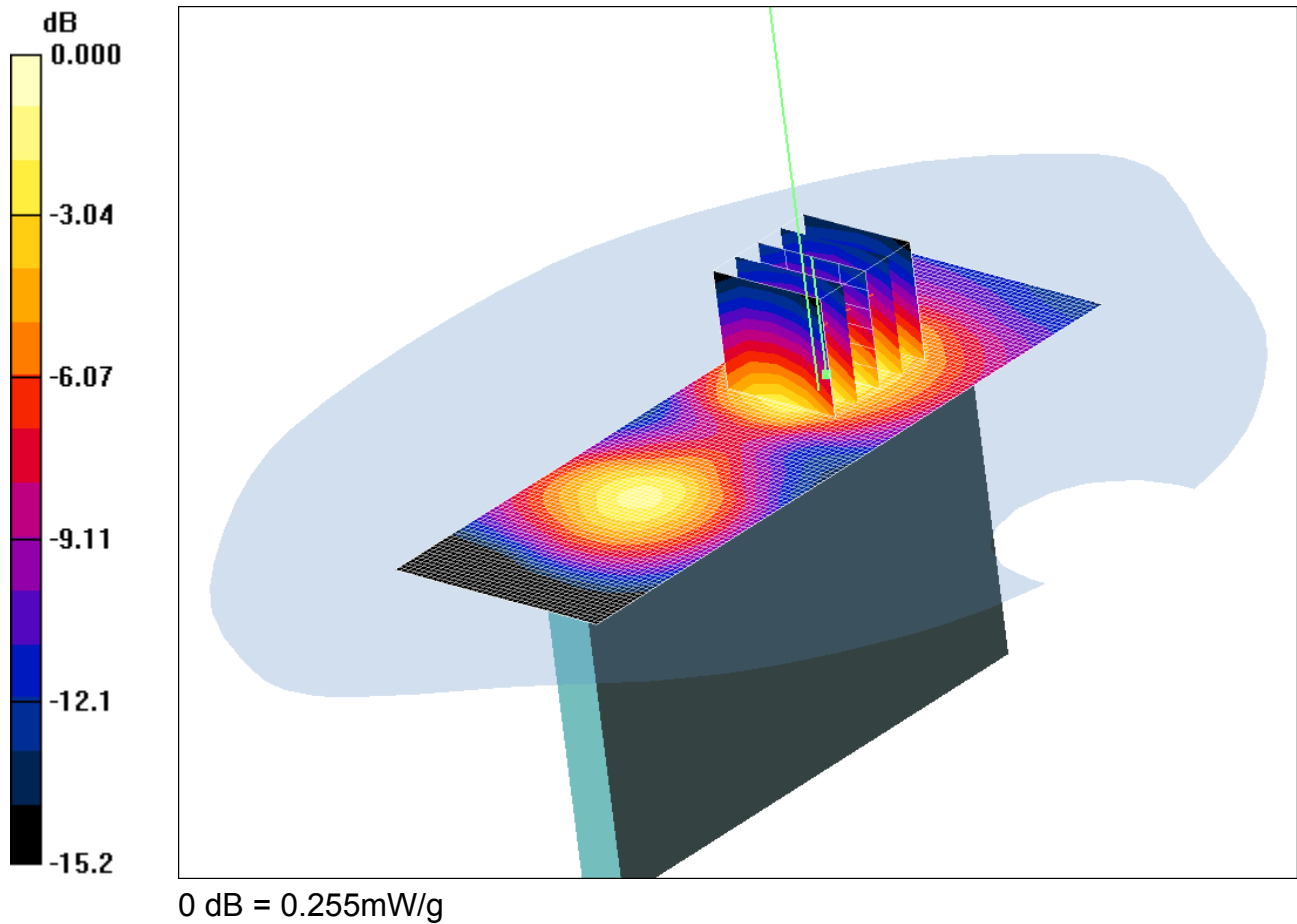
Right - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.74 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



SCN/11U13867/029: Bottom of EUT Facing Phantom CDMA 1xEV-Do CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Bottom - Middle/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.189 mW/g

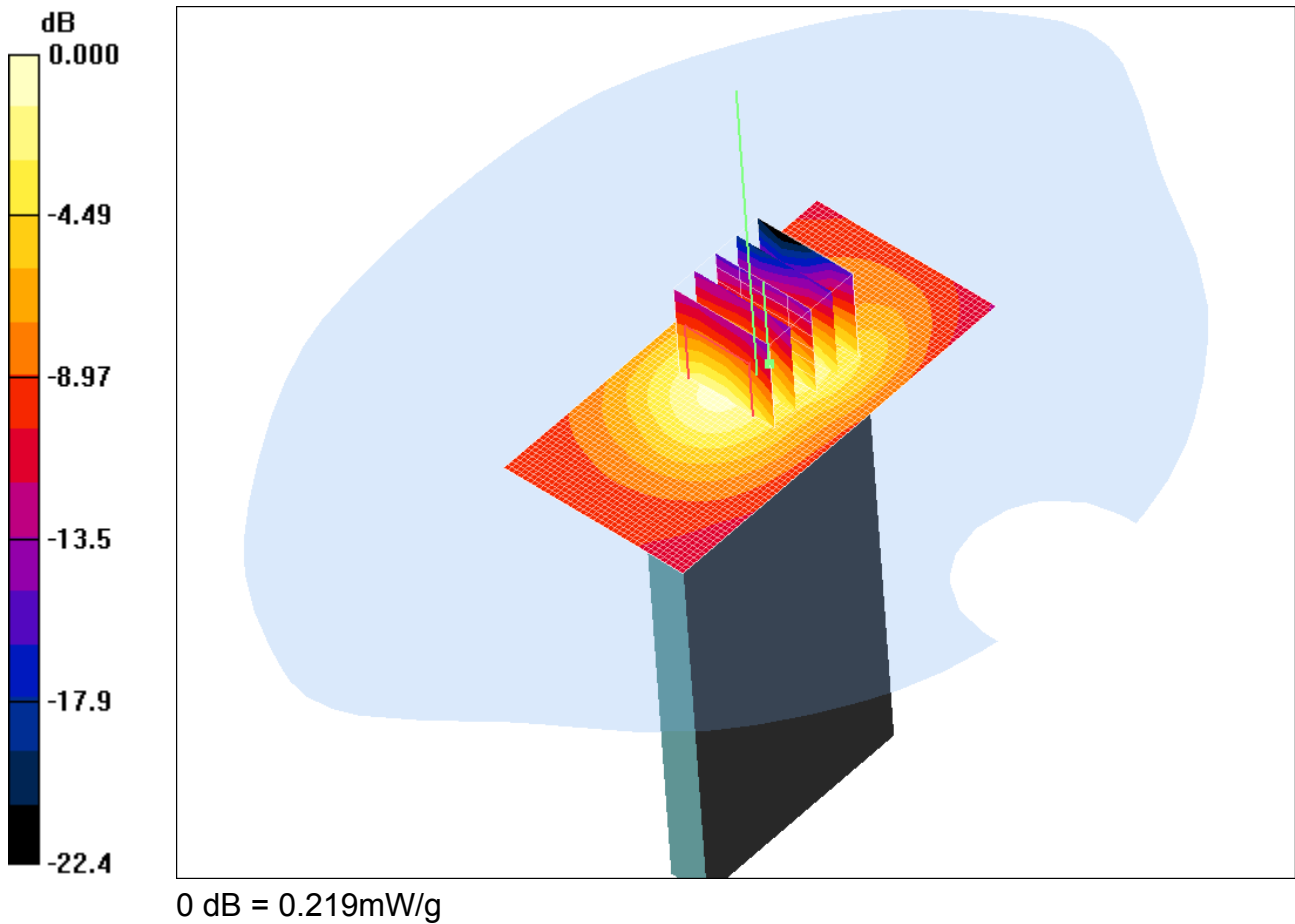
Bottom - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



SCN/11U13867/030: Top of EUT Facing Phantom CDMA 1xEV-Do CH 600

Date: 6/21/2011

Test Laboratory: UL CCS

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Top - Middle/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.071 mW/g

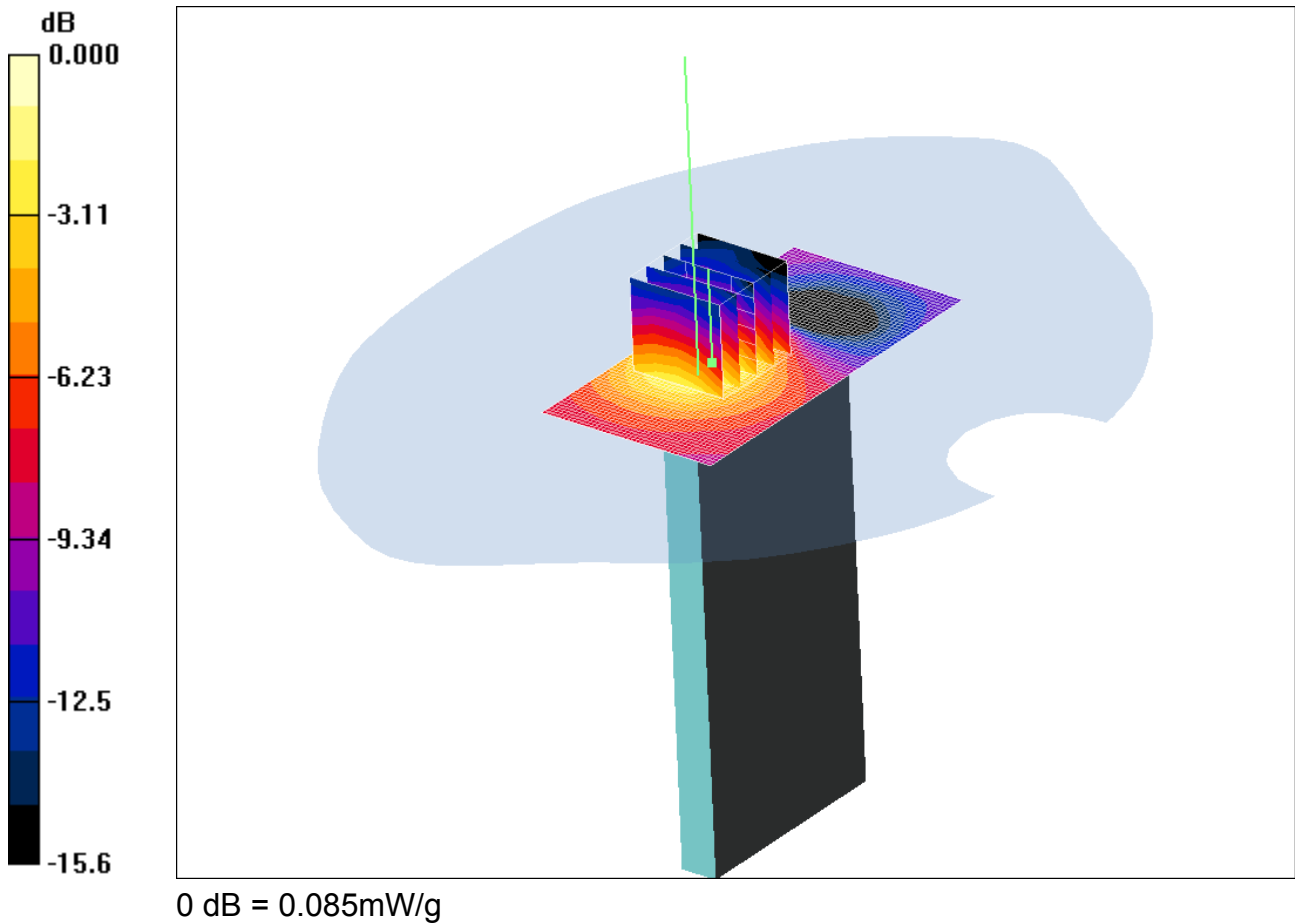
Top - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.73 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



SCN/11U13867/031: Rear of EUT Facing Phantom CDMA 1xEv-Do 1900 CH 600

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Rear - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

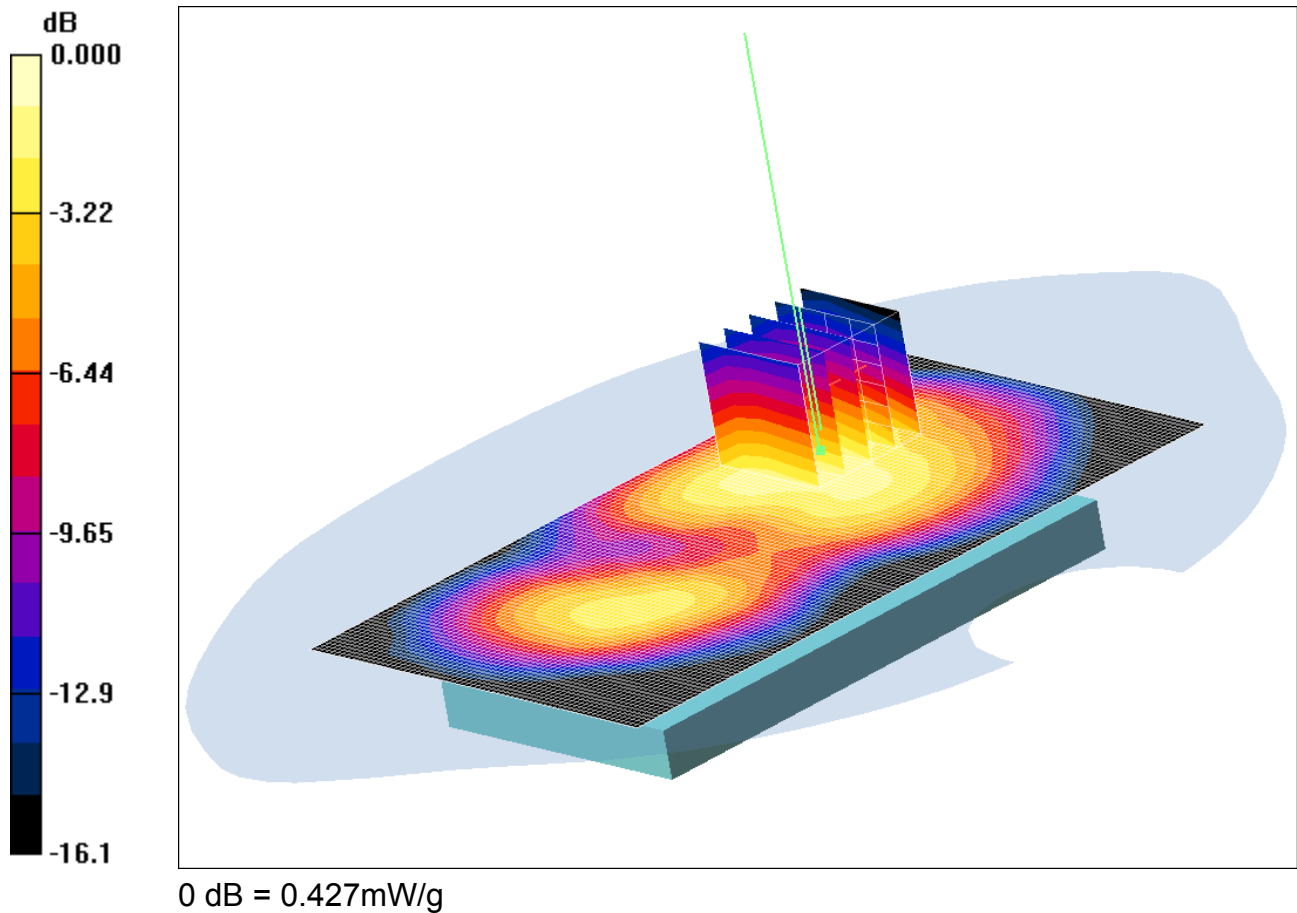
Rear - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab D

DUT: LG; Type: VS-920; Serial: IMEI: 990000610001267

Communication System: CDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn427; Calibrated: 7/21/2010

- Phantom: SAM A (Twin); Type: SAM A; Serial: 1050

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Personal Hands Free - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

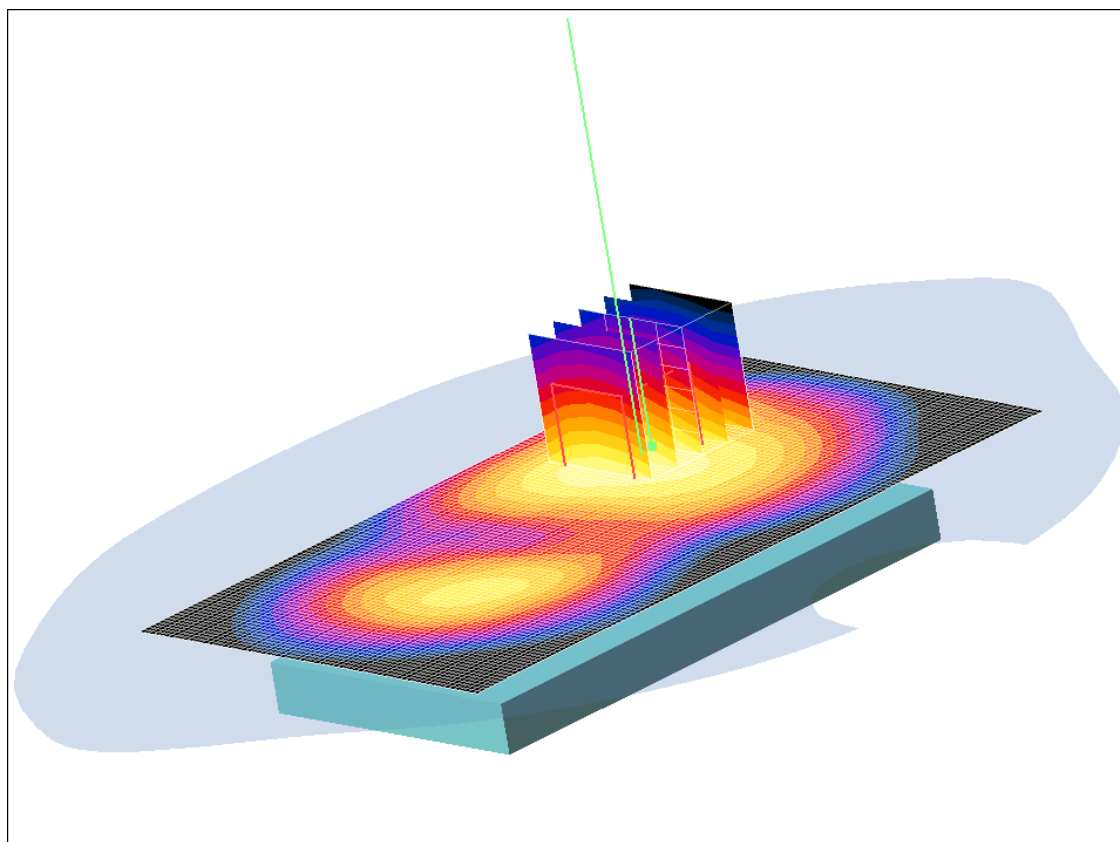
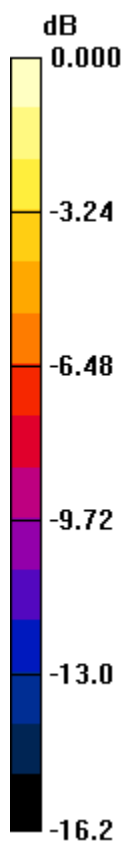
Maximum value of SAR (interpolated) = 0.449 mW/g

Rear Personal Hands Free - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.246 mW/g



0 dB = 0.529mW/g