

SCN/11U13867/001: Touch Left LTE CH23230 RB25 RB#12 QPSK

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left LTE_CH23230_RB25_RB12 QPSK /Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

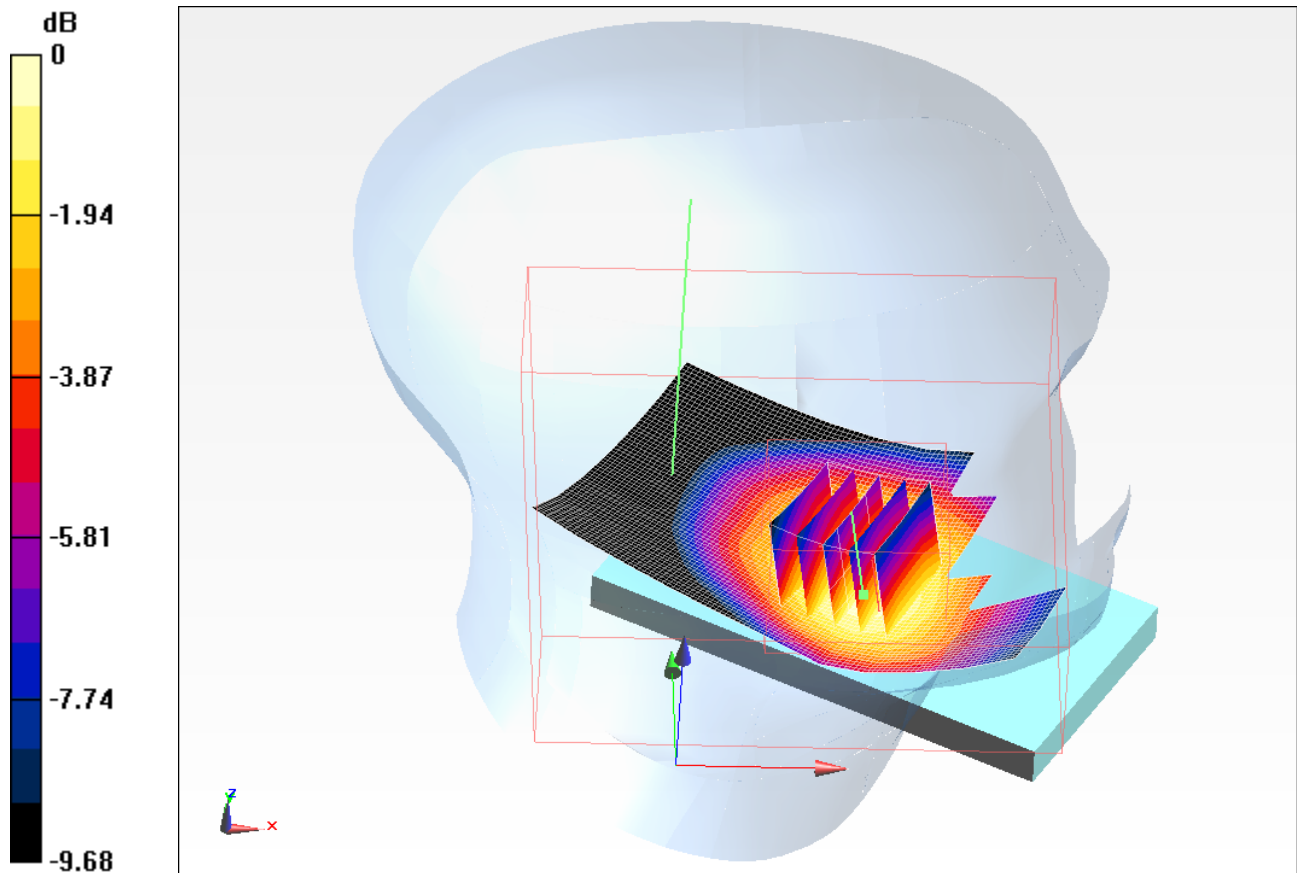
FCC/Touch Left LTE_CH23230_RB25_RB12 QPSK /Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.073 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.330mW/g

SCN/11U13867/002: Tilt Left LTE CH23230 RB25 RB#12 QPSK

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782 \text{ MHz}$; $\sigma = 0.933 \text{ mho/m}$; $\epsilon_r = 42.033$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Tilt Left LTE_CH23230_RB25_RB12 QPSK /Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.202 mW/g

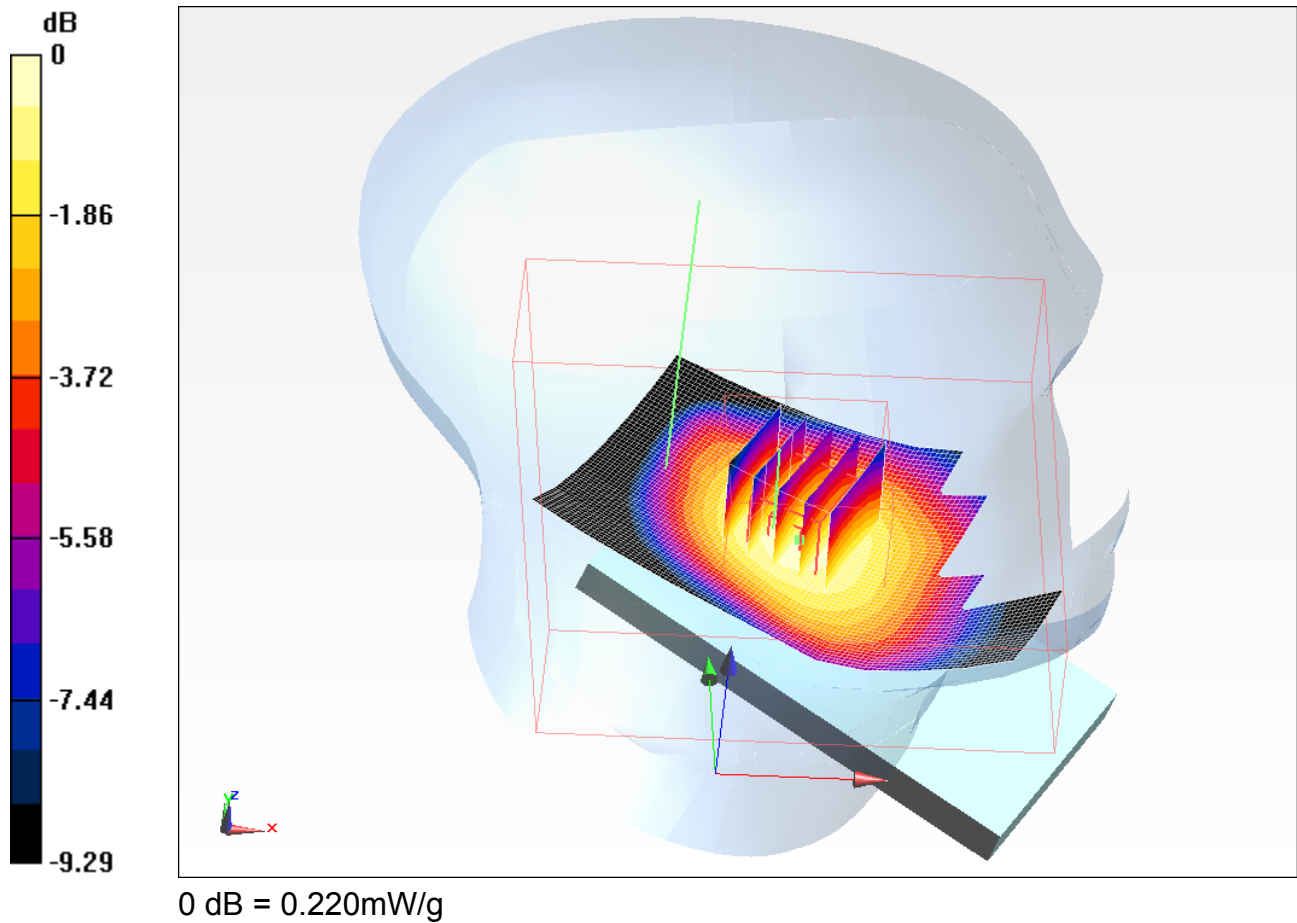
FCC/Tilt Left LTE_CH23230_RB25_RB12 QPSK /Zoom Scan (5x5x7mm, graded) Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.231 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



SCN/11U13867/003: Touch Right LTE CH23230 RB25 RB#12 QPSK

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE-FDD LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Right LTE_CH23230_RB25_RB12 QPSK/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.233 mW/g

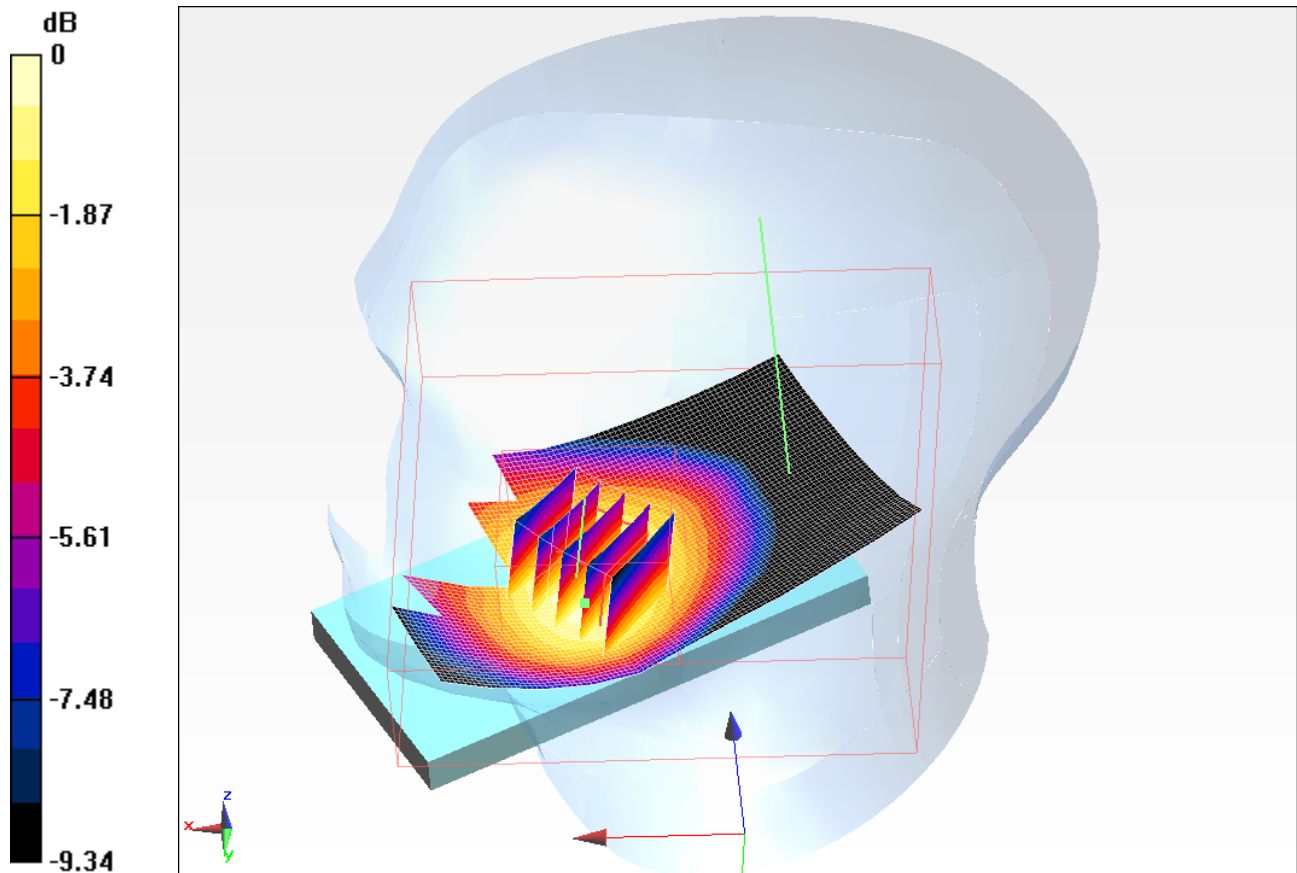
FCC/Touch Right LTE_CH23230_RB25_RB12 QPSK/Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.700 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.243 mW/g



SCN/11U13867/004: Tilt Right LTE CH23230 RB25 RB#12 QPSK

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE-FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Tilt Right LTE_CH23230_RB25_RB12 QPSK/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 mW/g

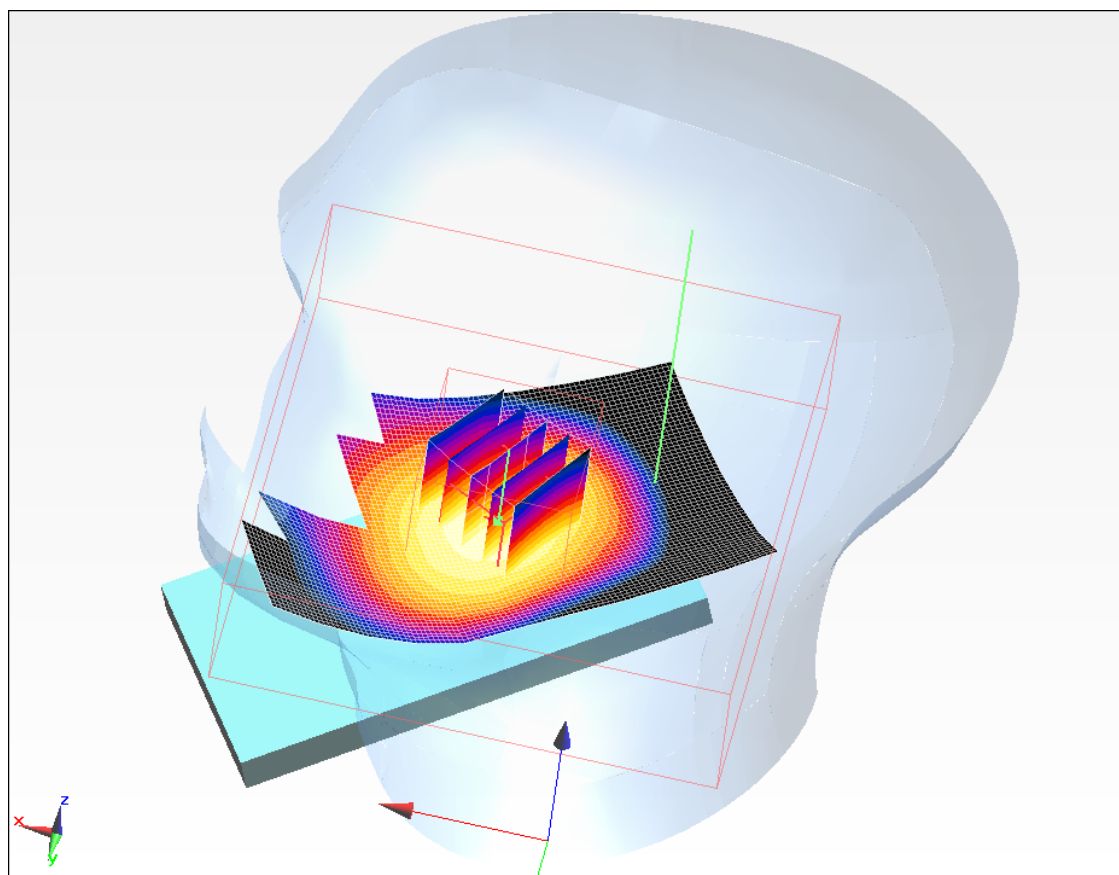
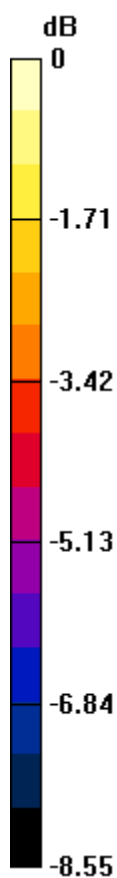
FCC/Tilt Right LTE_CH23230_RB25_RB12 QPSK/Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.630 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.200mW/g

SCN/11U13867/005: Touch Left LTE CH23230 RB25 RB#12_W _Wireless Charger Cover QPSK

Date: 6/20/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left Middle W_Wireless Charger Cover QPSK/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.261 mW/g

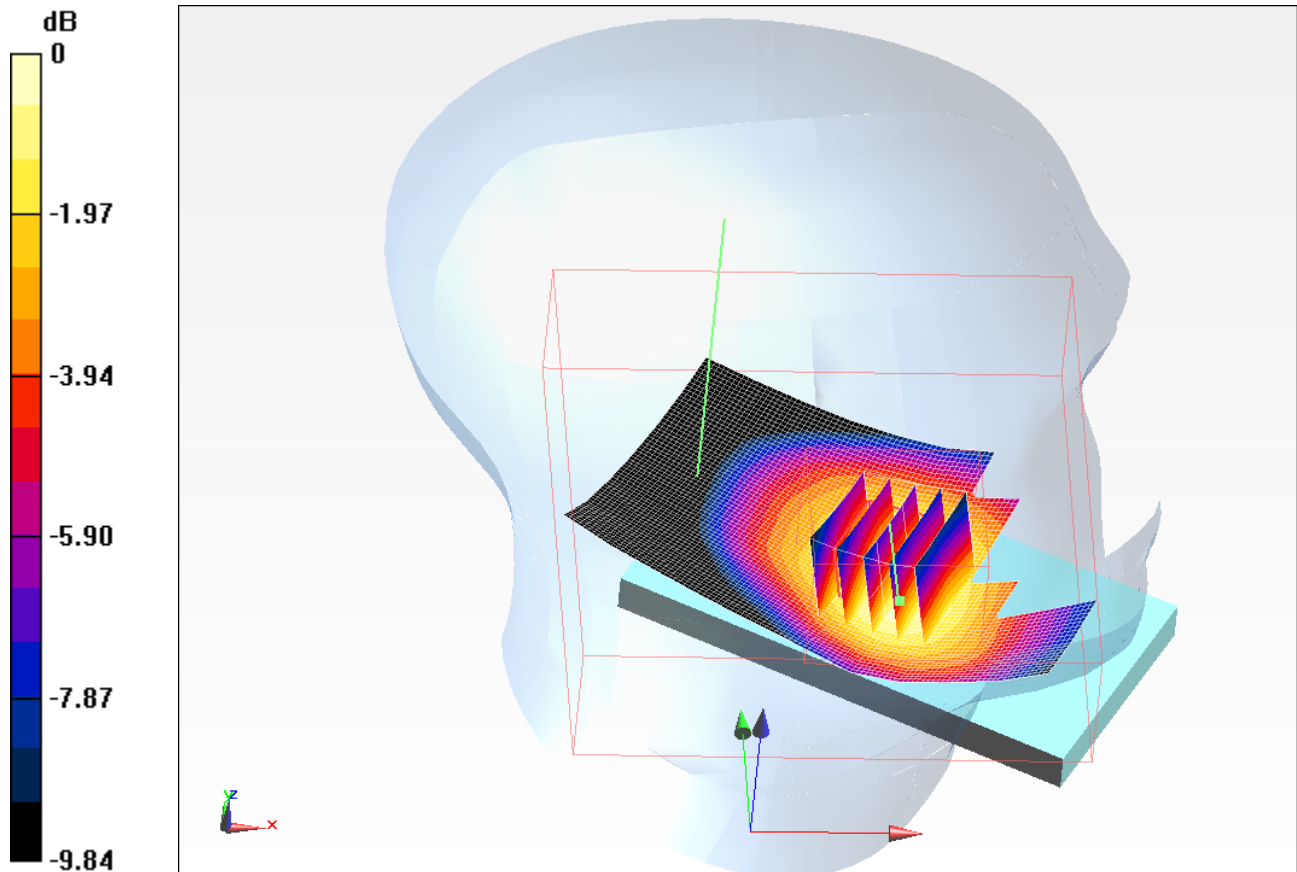
FCC/Touch Left Middle W_Wireless Charger Cover QPSK/Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.605 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.270mW/g

SCN/11U13867/006: Touch Left LTE CH23230 RB1 RB#0 QPSK

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left_RB1_RB0 QPSK/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

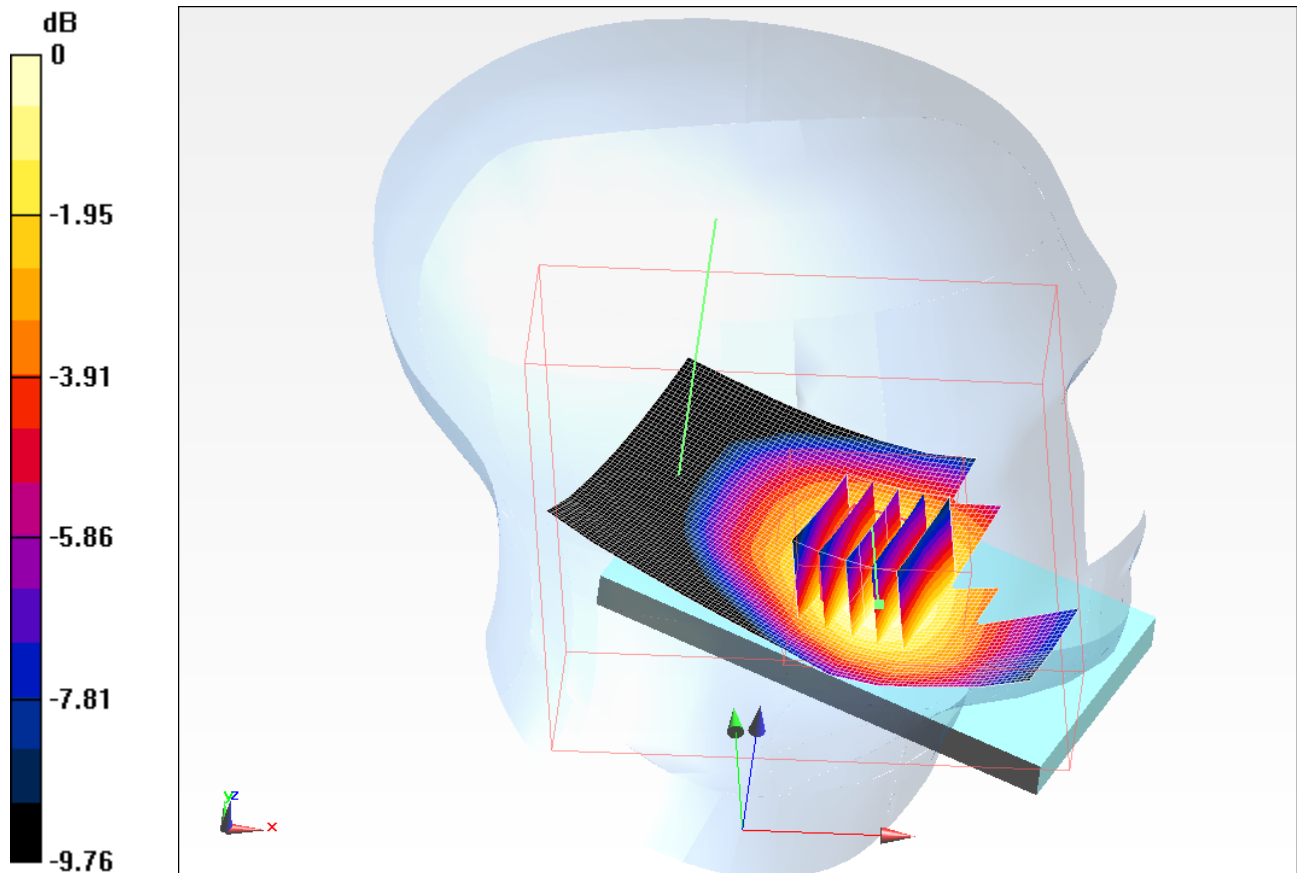
FCC/Touch Left_RB1_RB0 QPSK/Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.645 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.310mW/g

SCN/11U13867/007: Touch Left LTE CH23230 RB1 RB#49 QPSK

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 1 RB #RB49, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782 \text{ MHz}$; $\sigma = 0.933 \text{ mho/m}$; $\epsilon_r = 42.033$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left_RB1_RB49_QPSK/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.345 mW/g

FCC/Touch Left_RB1_RB49_QPSK/Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.123 V/m; Power Drift = 0.13 dB

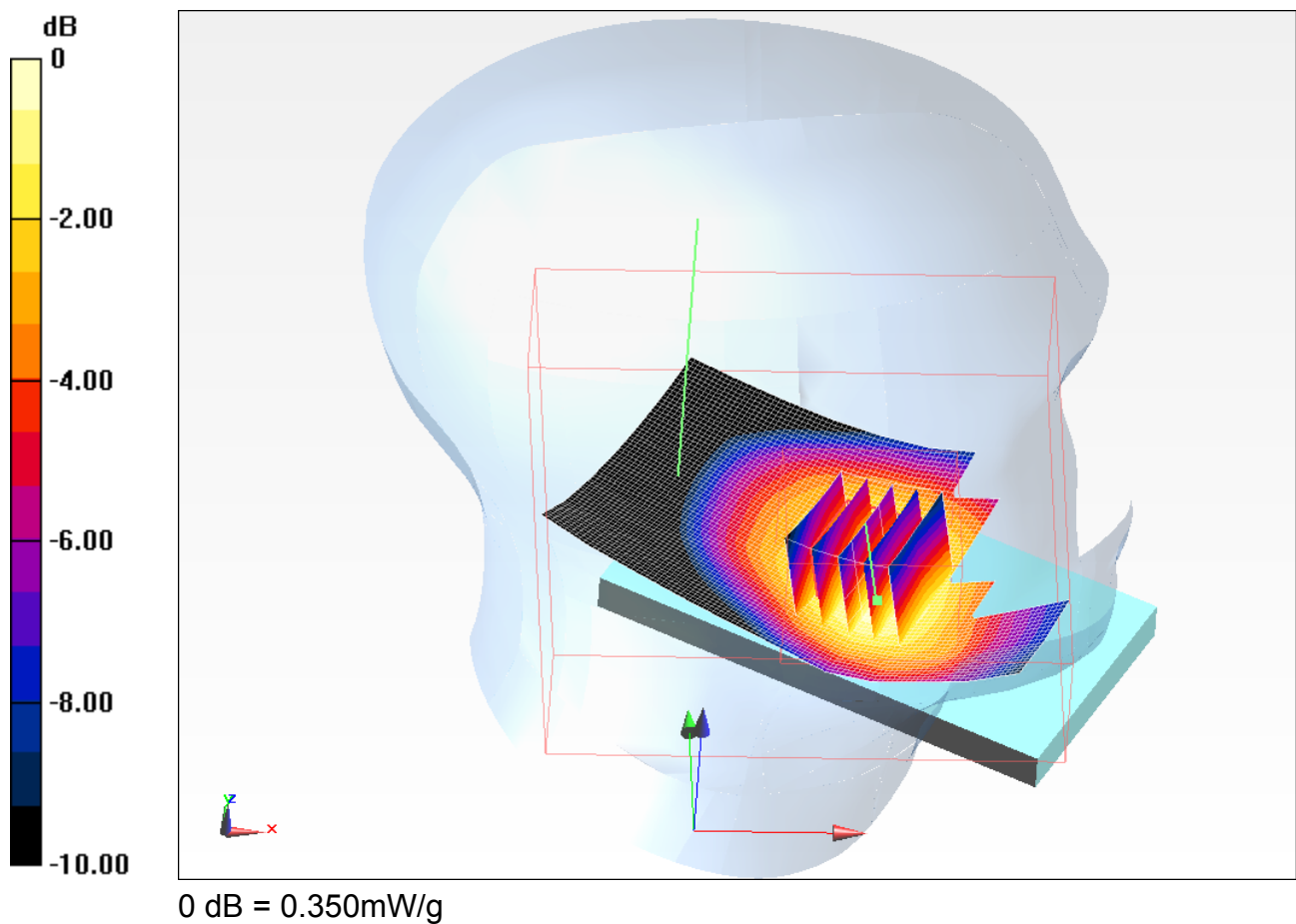
Peak SAR (extrapolated) = 0.394 W/kg

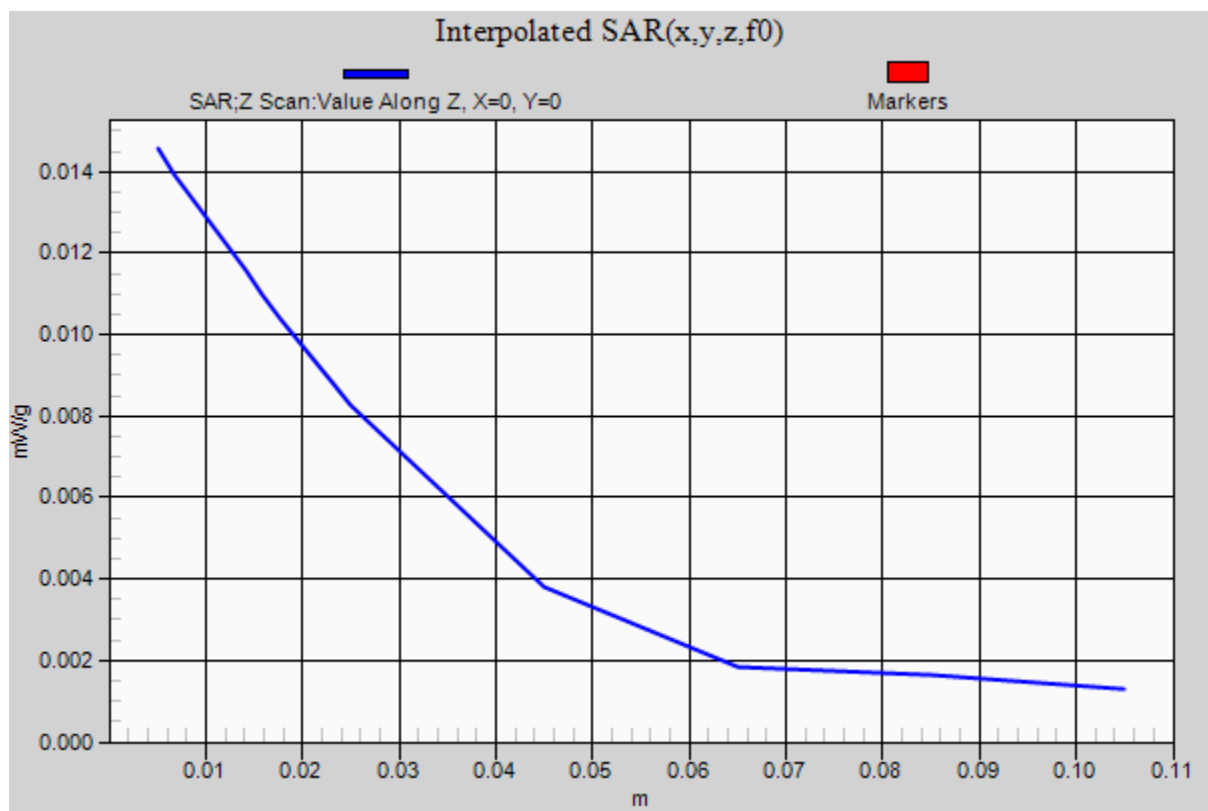
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.349 mW/g

FCC/Touch Left_RB1_RB49_QPSK/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.015 mW/g





SCN/11U13867/018: Touch Left LTE CH23230 RB25 RB#12_16QAM

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 42.286$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left Middle_16QAM/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.245 mW/g

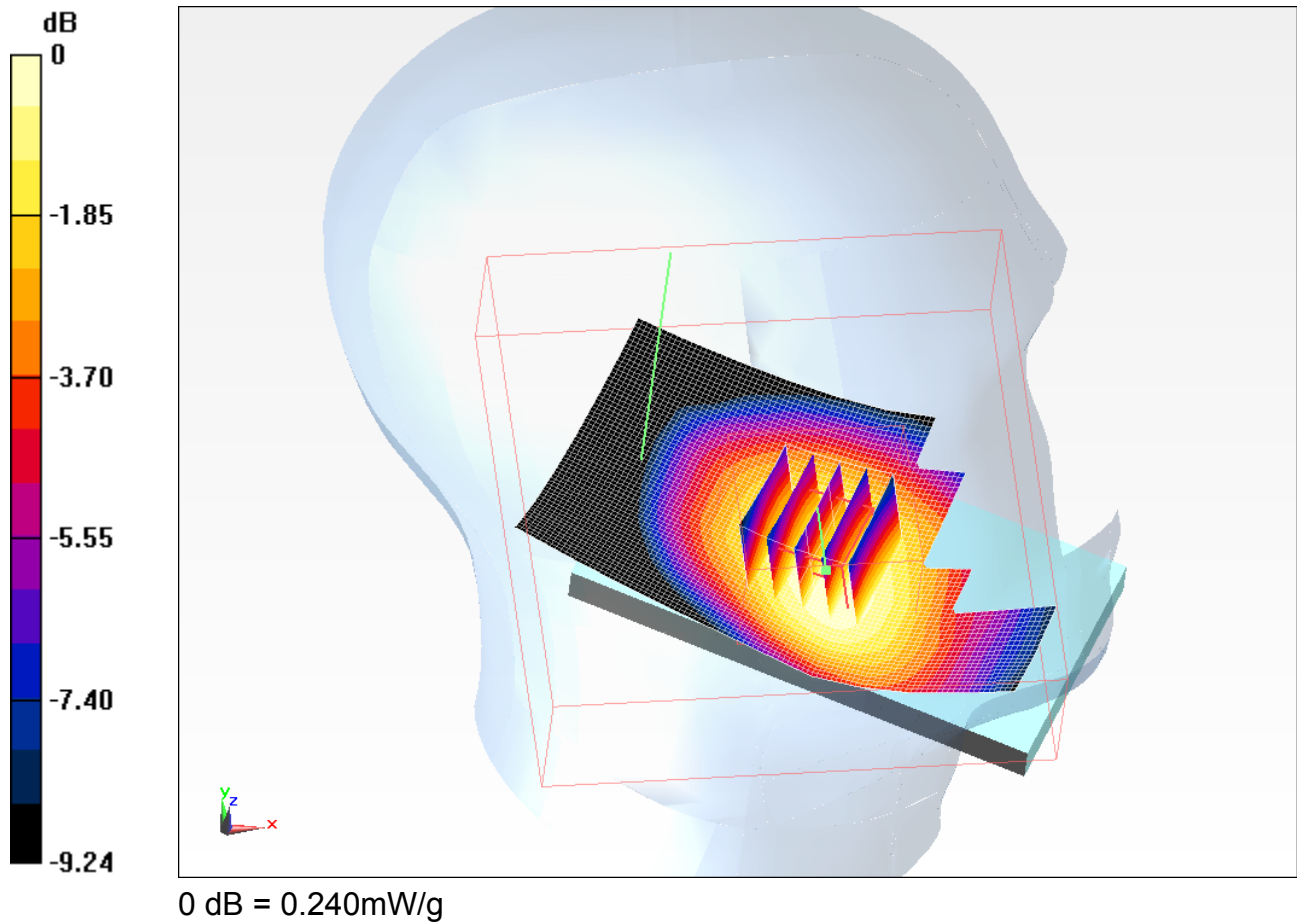
FCC/Touch Left Middle_16QAM/Zoom Scan (5x5x7mm, graded) Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.928 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.244 mW/g



SCN/11U13867/019: Tilt Left LTE CH23230 RB25 RB#12_16QAM

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.286$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Tilt Left Middle_16QAM/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.169 mW/g

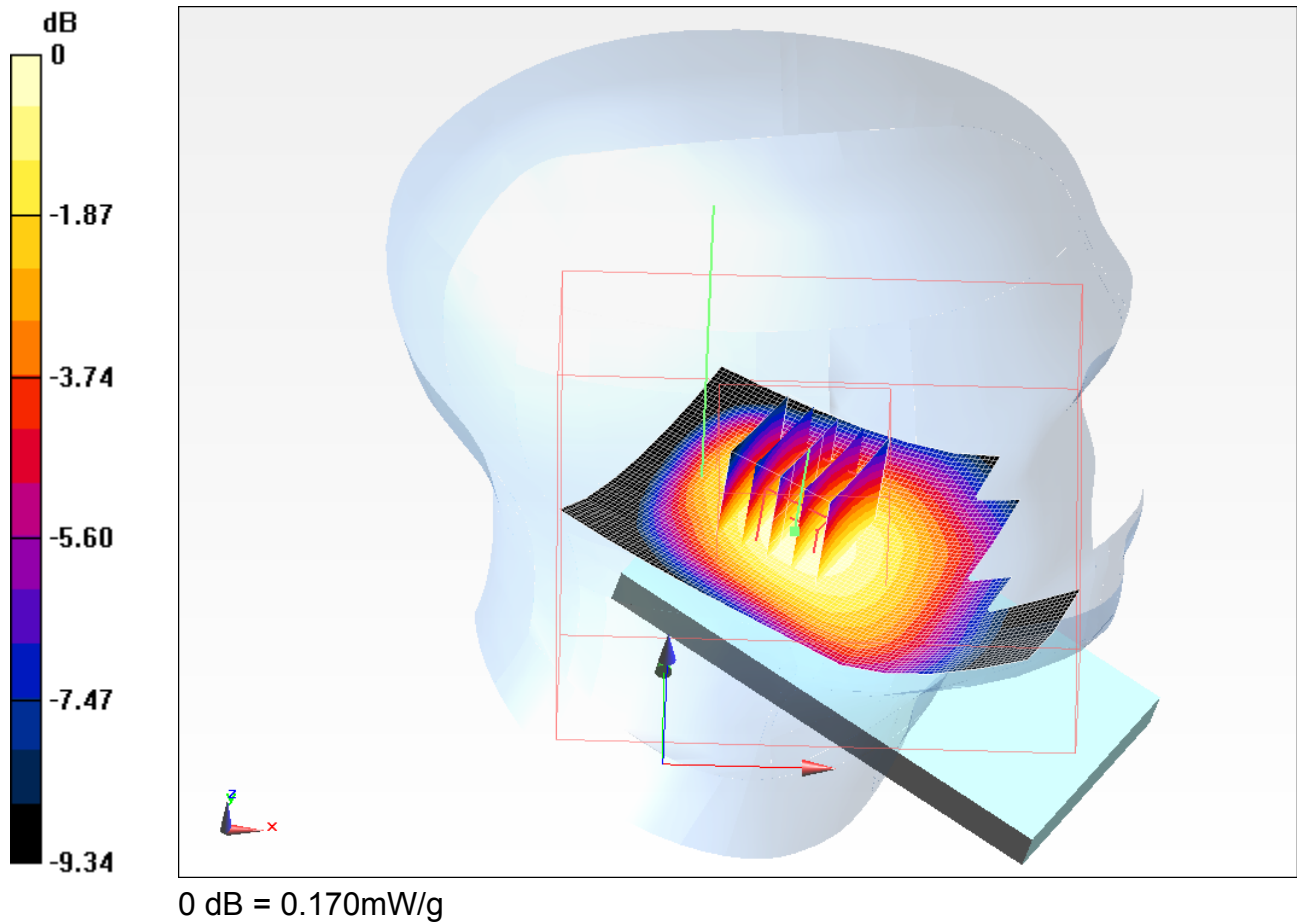
FCC/Tilt Left Middle_16QAM/Zoom Scan (5x5x7mm, graded) Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.927 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.173 mW/g



SCN/11U13867/020: Touch Right LTE CH23230 RB25 RB#12_16QAM

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE-FDD (SC-FDMA, 25 RB #RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.286$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Right LTE_CH23230_RB25_RB12_16QAM/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.177 mW/g

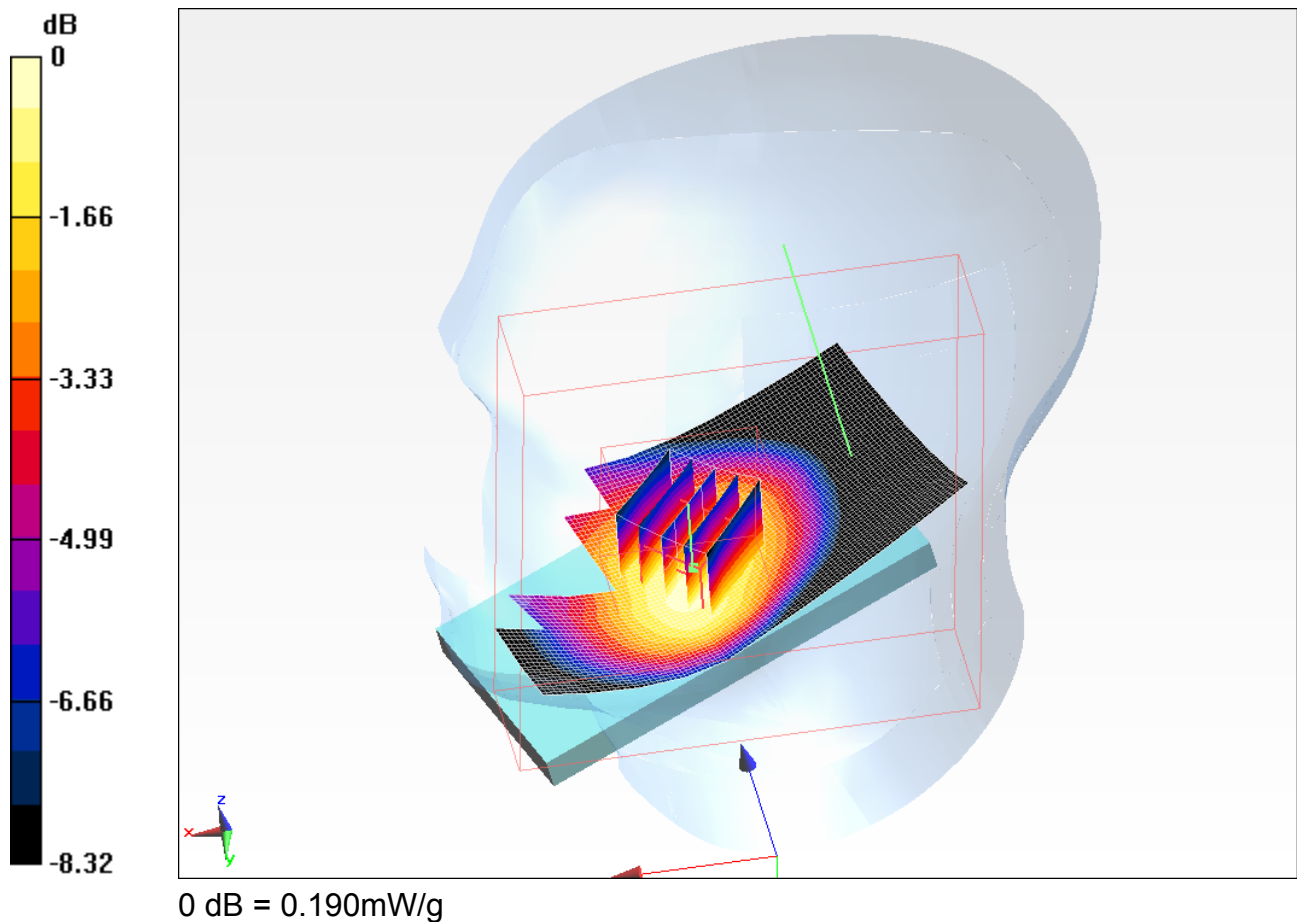
FCC/Touch Right LTE_CH23230_RB25_RB12_16QAM/Zoom Scan (5x5x7mm, graded)Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.742 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.188 mW/g



SCN/11U13867/021: Tilt Right LTE CH23230 RB25 RB#12_16QAM

Date: 7/2/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE-FDD (SC-FDMA, RB25 RB#12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 41.729$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (A); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Tilt Right LTE_CH23230_RB25_RB12_16QAM/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.076 mW/g

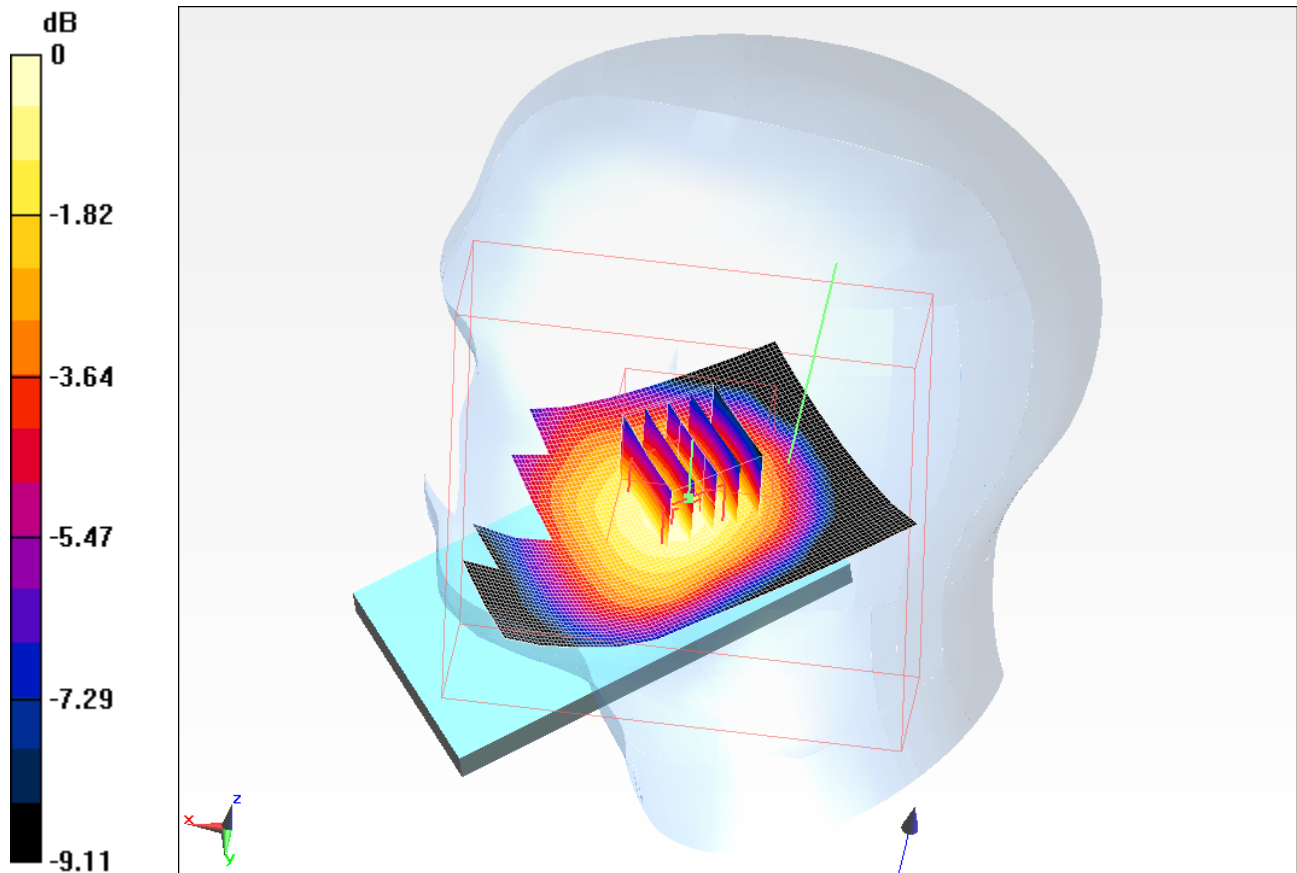
FCC/Tilt Right LTE_CH23230_RB25_RB12_16QAM/Zoom Scan (5x5x9)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.276 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.080mW/g

SCN/11U13867/022: Touch Left LTE CH23230 RB25 RB#12_16QAM Wireless Charger Cover

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.286$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left Middle_16QAM/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.210 mW/g

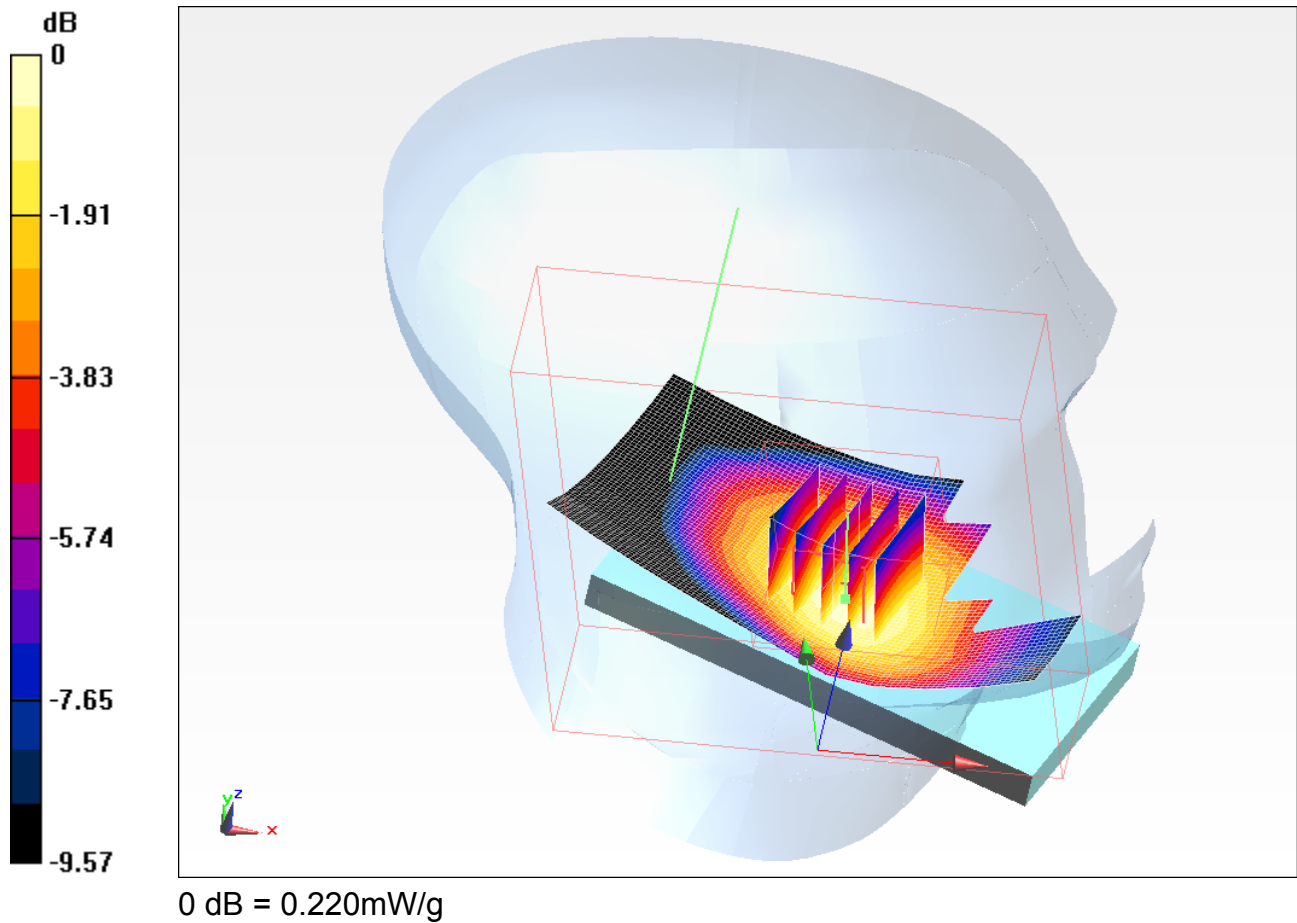
FCC/Touch Left Middle_16QAM/Zoom Scan (5x5x9)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.834 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.215 mW/g



SCN/11U13867/023: Touch Left LTE CH23230 RB1 RB#0_16QAM

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB1 RB0, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 42.286$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left Middle RB1 RB0_16QAM/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.229 mW/g

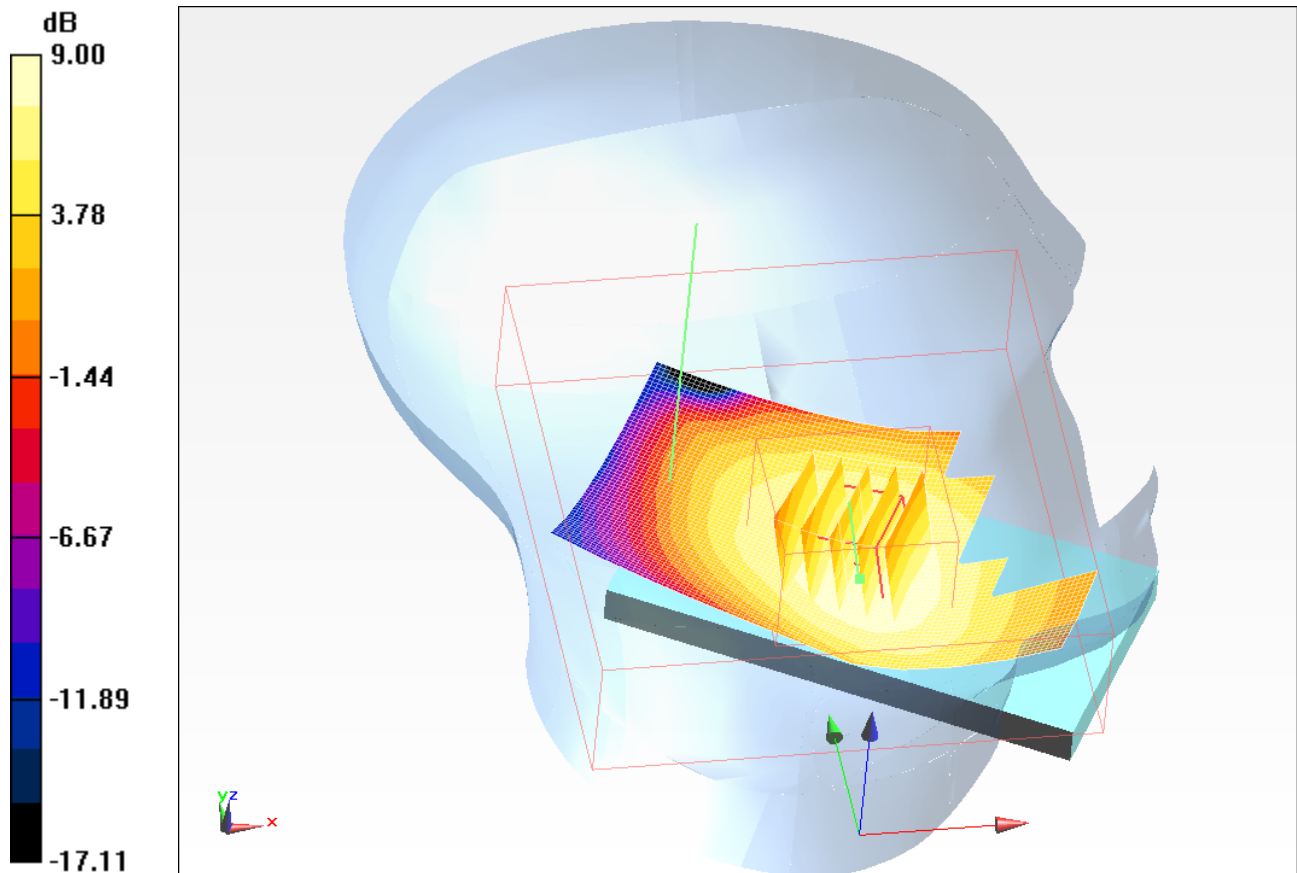
FCC/Touch Left Middle RB1 RB0_16QAM/Zoom Scan (5x5x7mm, graded) Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.334 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.030mW/g

SCN/11U13867/024: Touch Left LTE CH23230 RB1 RB#49 16QAM

Date: 6/21/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB1 RB49, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 782$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.286$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(9.06, 9.06, 9.06); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Center); Type: QD000P40CD; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Touch Left Middle RB1 RB49_16QAM/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.252 mW/g

FCC/Touch Left Middle RB1 RB49_16QAM/Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.659 V/m; Power Drift = 0.16 dB

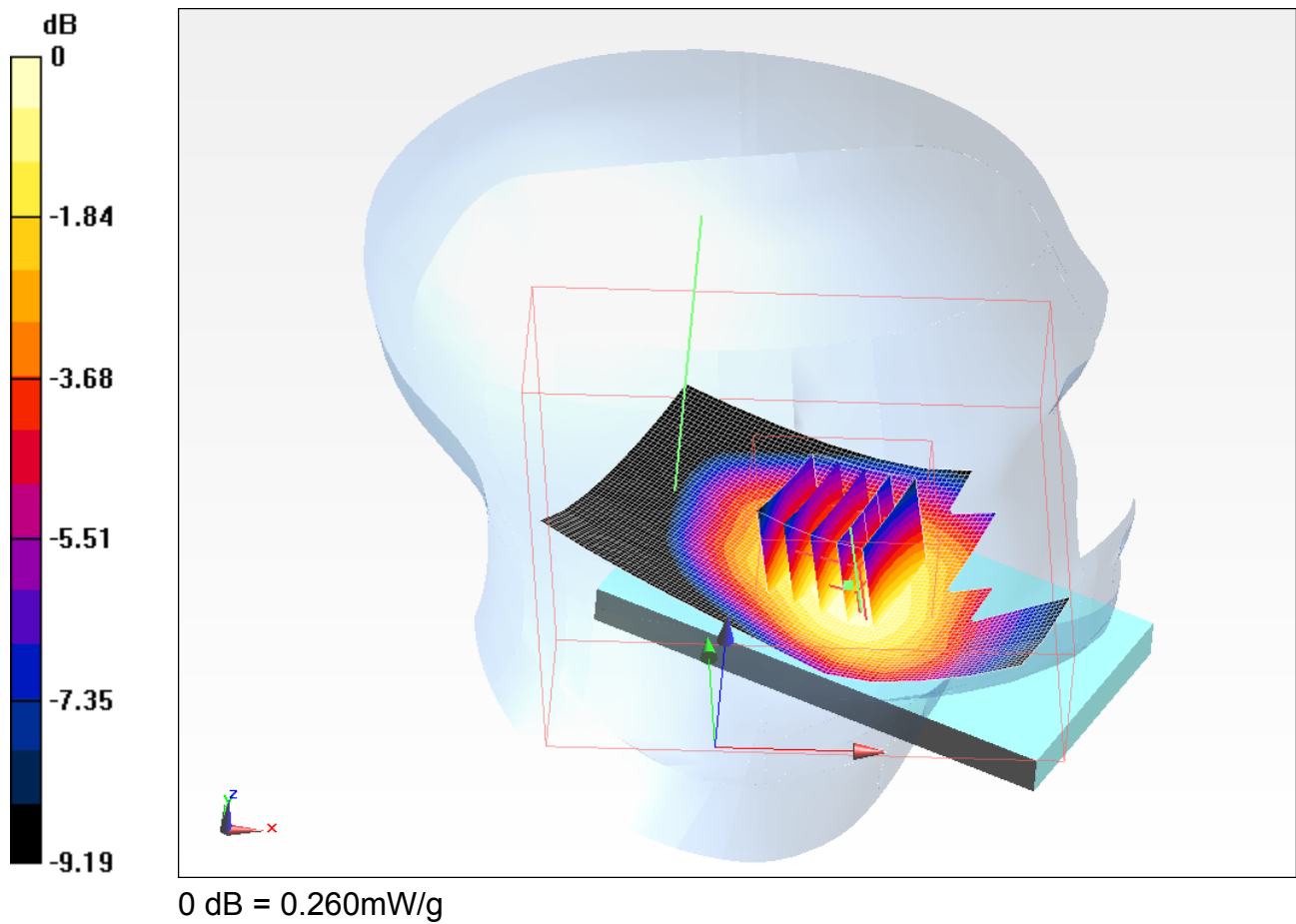
Peak SAR (extrapolated) = 0.286 W/kg

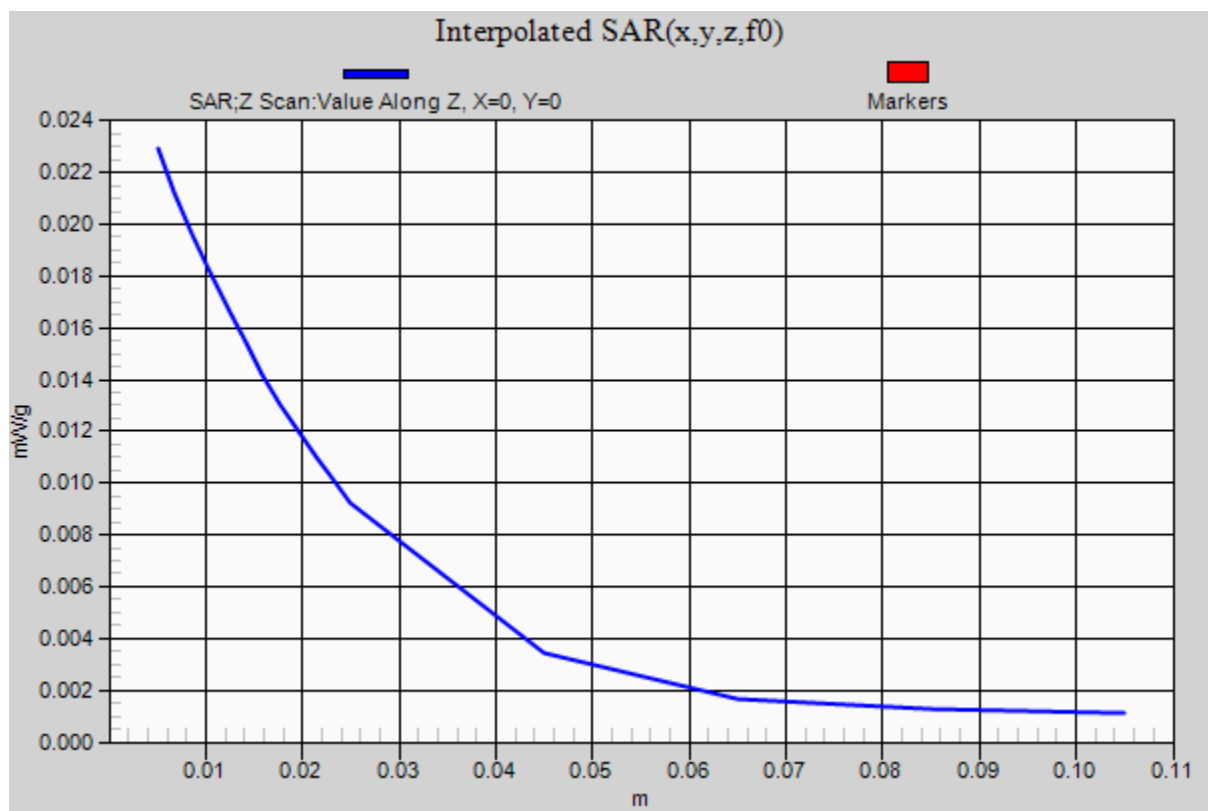
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.257 mW/g

FCC/Touch Left Middle RB1 RB49_16QAM/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.023 mW/g





SCN/11U13867/008: Front Face LTE CH23230 RB25 RB#12 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, 25 RB #RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.974 \text{ mho/m}$; $\epsilon_r = 55.013$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Front Face RB25 RB12 1cm QPSK/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.316 mW/g

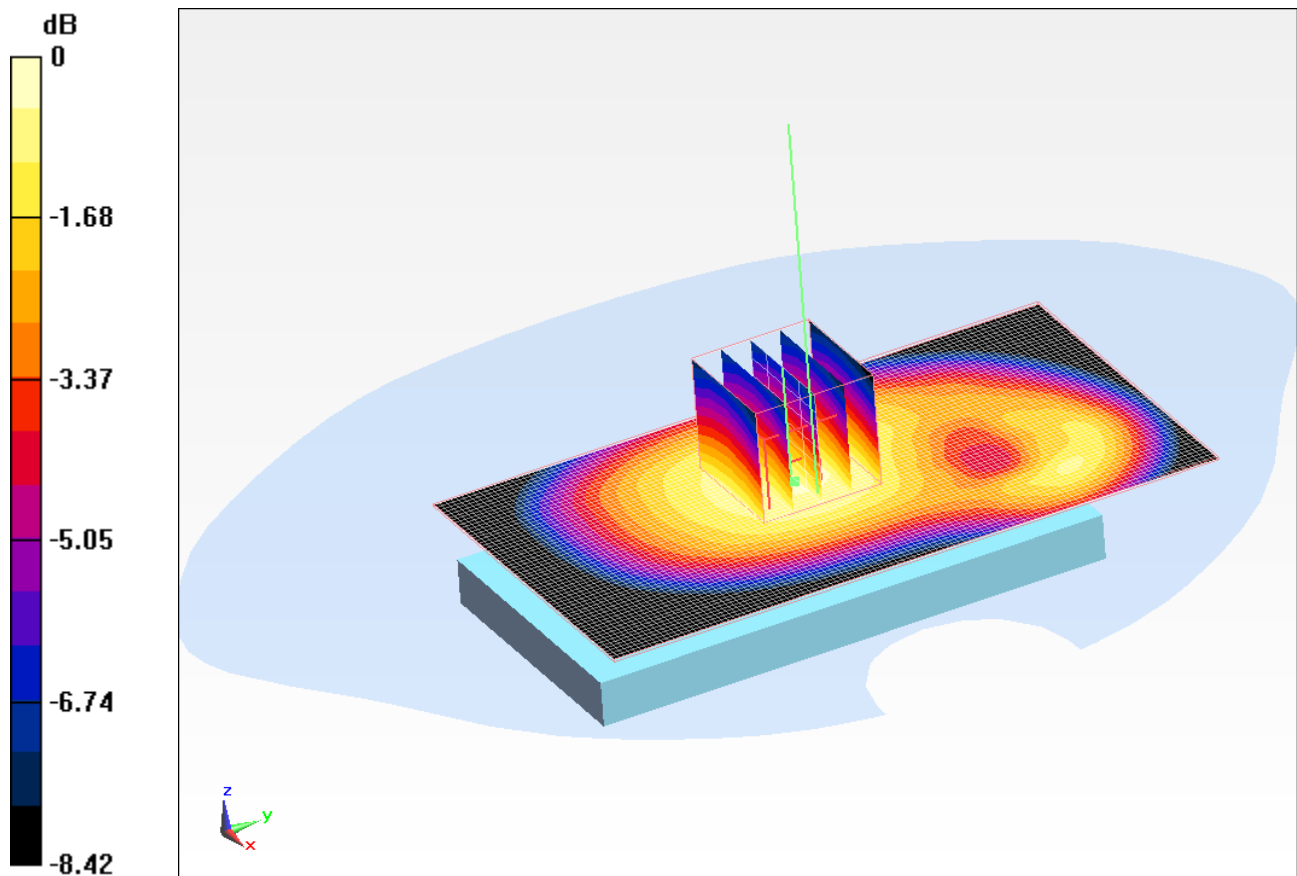
FCC/Front Face RB25 RB12 1cm QPSK/Zoom Scan(5x5x7mm) Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.873 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.217 mW/g

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



0 dB = 0.350mW/g

SCN/11U13867/009: Rear Face LTE CH23230 RB25 RB#12 1cm QPSK

Date: 7/2/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 56.008$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (B); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Rear Face RB25 RB12 1cm QPSK/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.158 mW/g

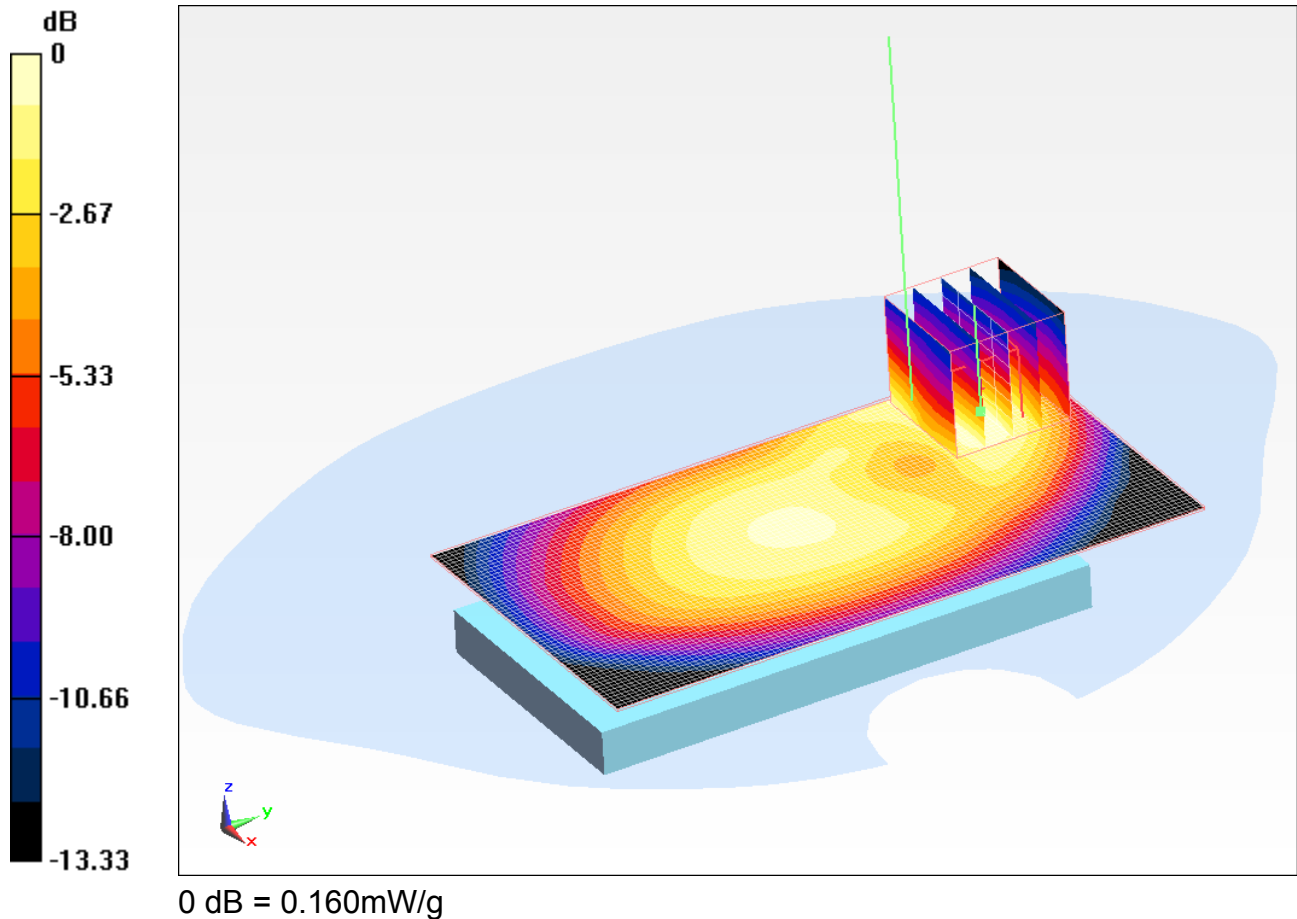
FCC/Rear Face RB25 RB12 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.818 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.163 mW/g



SCN/11U13867/010: Left Hand Side LTE CH23230 RB25 RB#12 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB25 RB12 1cm QPSK/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.371 mW/g

FCC/Left Hand Side RB25 RB12 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.300 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.357 mW/g

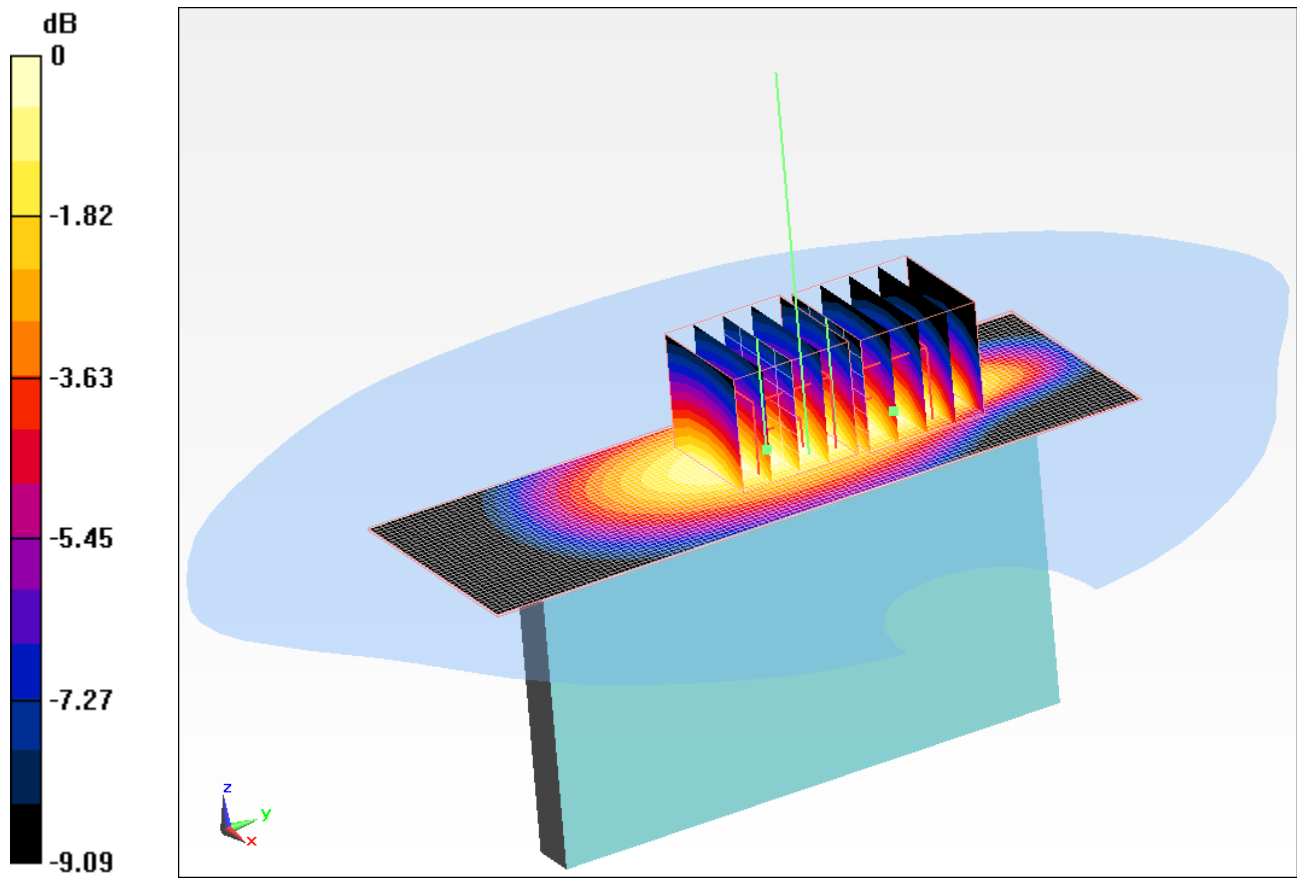
FCC/Left Hand Side RB25 RB12 1cm QPSK/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.300 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.378 mW/g



0 dB = 0.380mW/g

SCN/11U13867/011: Right Hand Side LTE CH23230 RB25 RB#12 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.974 \text{ mho/m}$; $\epsilon_r = 55.013$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Right Hand Side RB25 RB12 1cm QPSK/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.173 mW/g

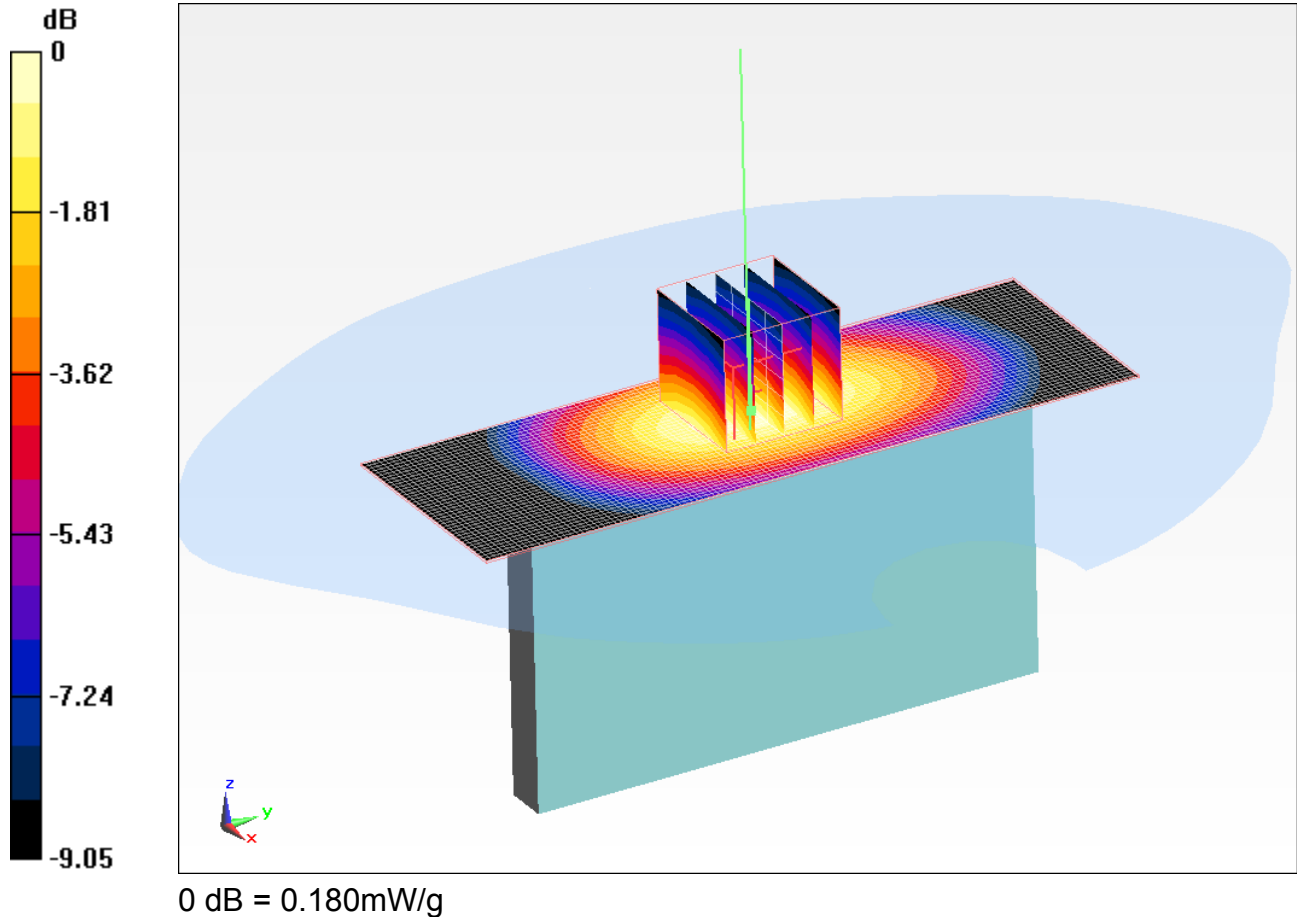
FCC/Right Hand Side RB25 RB12 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.221 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



SCN/11U13867/012: Bottom LTE CH23230 RB25 RB#12 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Bottom RB25 RB12 1cm QPSK/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

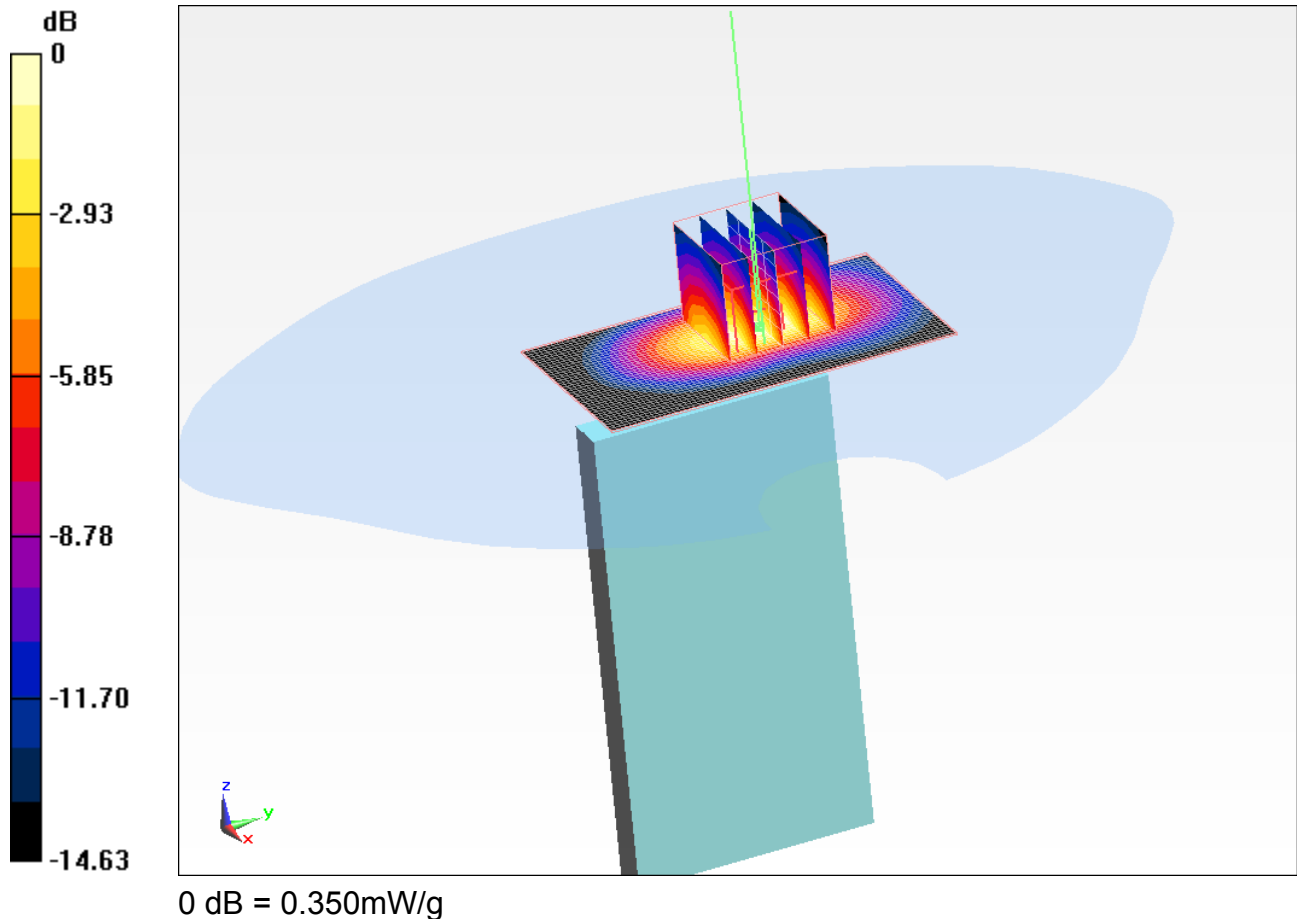
FCC/Bottom RB25 RB12 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.418 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



SCN/11U13867/013: Top LTE CH23230 RB25 RB#12 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB13, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Top RB25 RB12 1cm QPSK/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

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

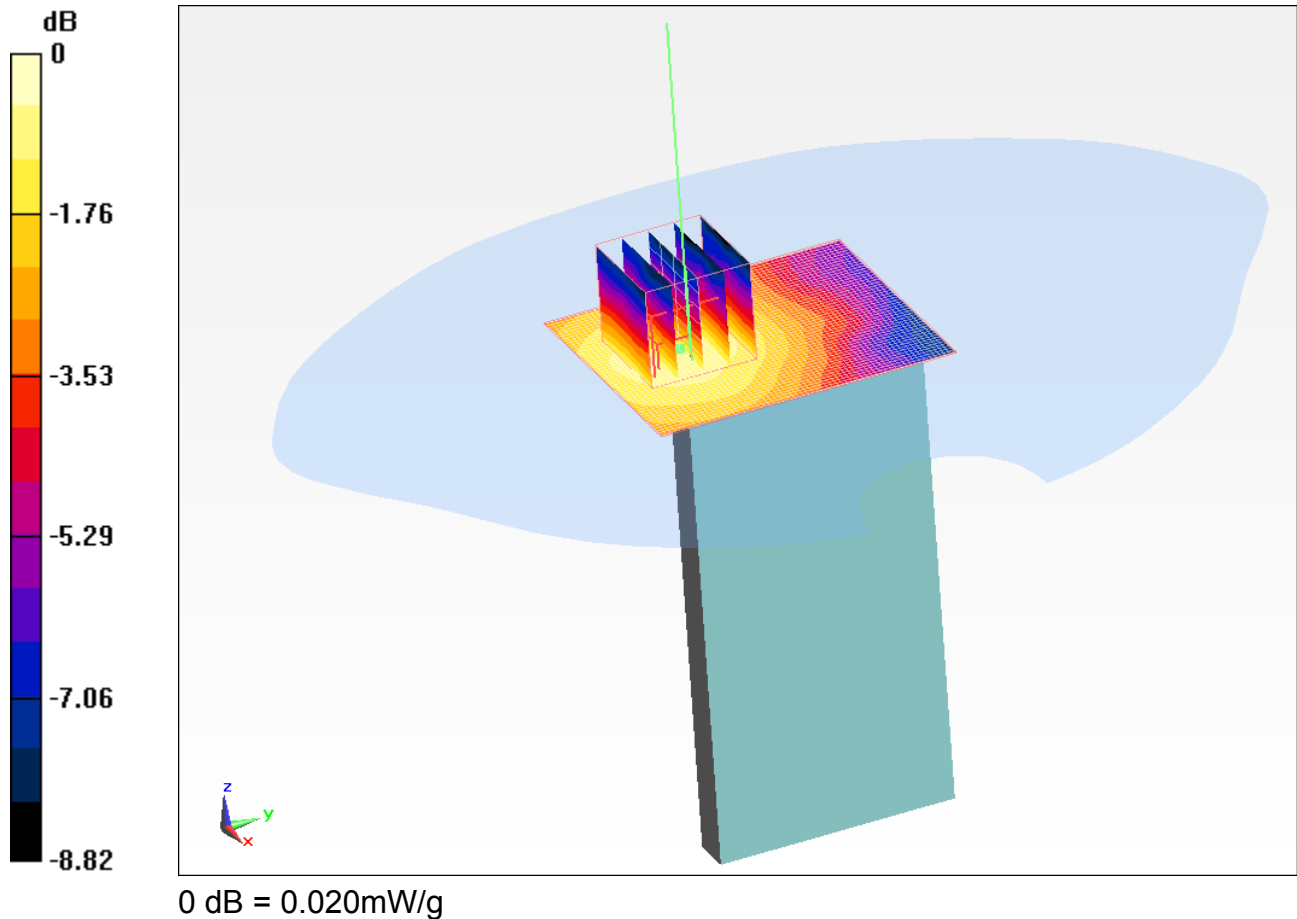
FCC/Top RB25 RB12 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.445 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 mW/g

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



SCN/11U13867/014: Left Hand Side LTE CH23230 RB25 RB#12 1cm W_Wireless Charger Cover QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB25 RB12 1cm W_Wireless Charger Cover QPSK/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.365 mW/g

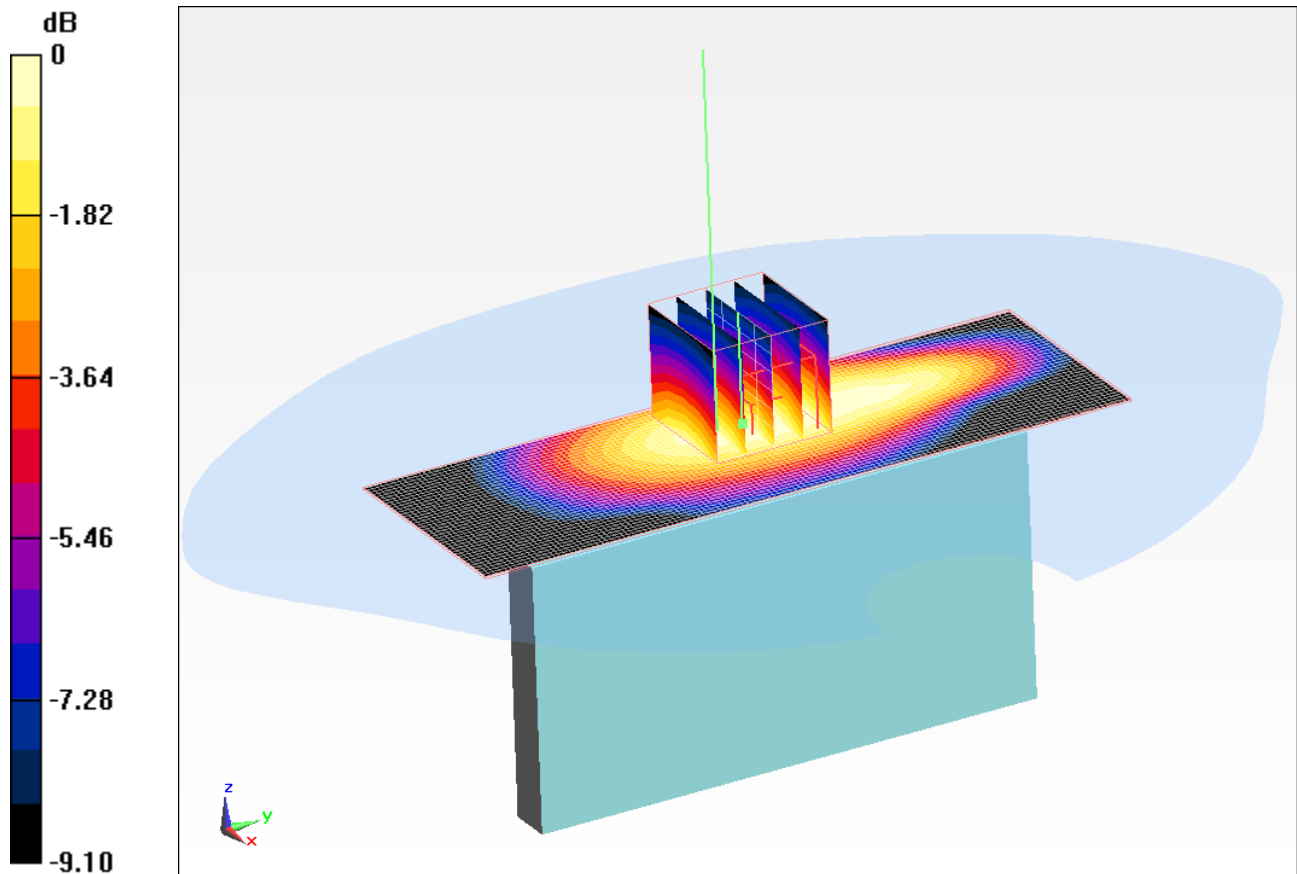
FCC/Left Hand Side RB25 RB12 1cm W_Wireless Charger Cover QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.907 V/m; Power Drift = .03 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



0 dB = 0.360mW/g

SCN/11U13867/015: Left Hand Side LTE CH23230 RB25 RB#12 1cm W_Personal Hands Free QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB25 RB12 1cm W_Personal Hands Free QPSK/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.354 mW/g

FCC/Left Hand Side RB25 RB12 1cm W_Personal Hands Free QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.561 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.356 mW/g

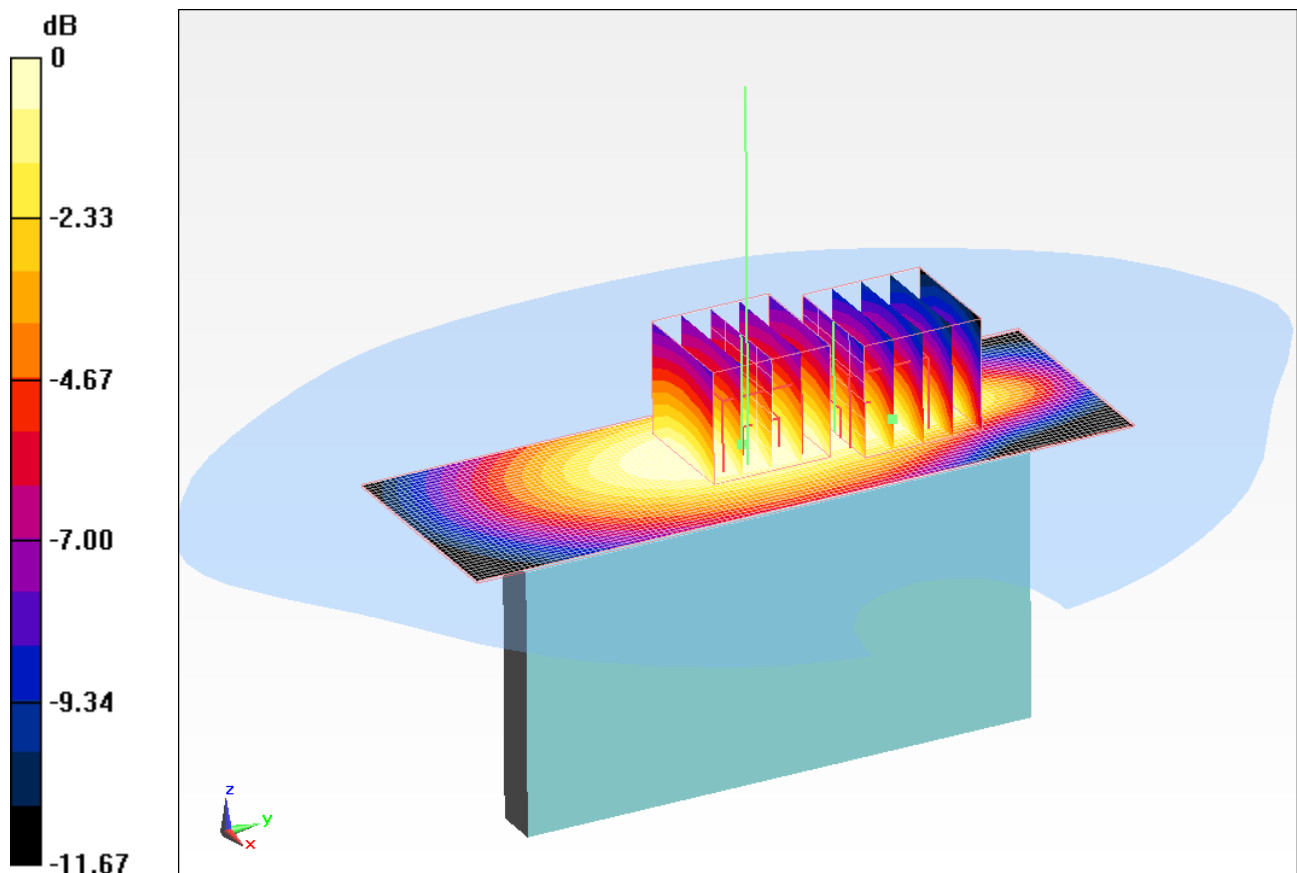
FCC/Left Hand Side RB25 RB12 1cm W_Personal Hands Free QPSK/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.561 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.310mW/g

SCN/11U13867/016: Left Hand Side LTE CH23230 RB1 RB#0 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB1 RB0, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB1 RB0 1cm QPSK/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

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

FCC/Left Hand Side RB1 RB0 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.341 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.381 mW/g

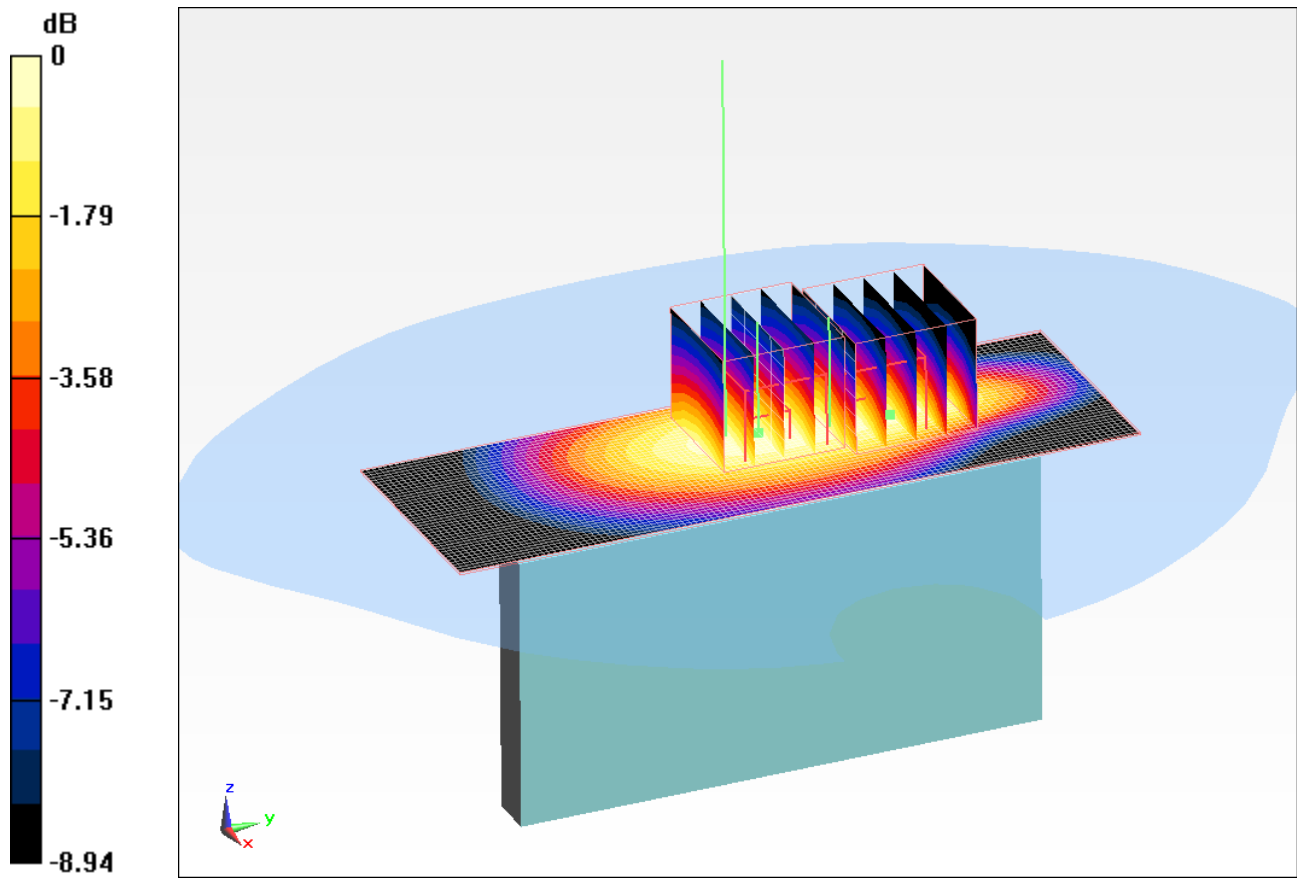
FCC/Left Hand Side RB1 RB0 1cm QPSK/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.341 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.365 mW/g



0 dB = 0.380mW/g

SCN/11U13867/017: Left Hand Side LTE CH23230 RB1 RB#49 1cm QPSK

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB1 RB49, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB1 RB49 1cm QPSK/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.398 mW/g

FCC/Left Hand Side RB1 RB49 1cm QPSK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.188 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.385 mW/g

FCC/Left Hand Side RB1 RB49 1cm QPSK/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.188 V/m; Power Drift = -0.16 dB

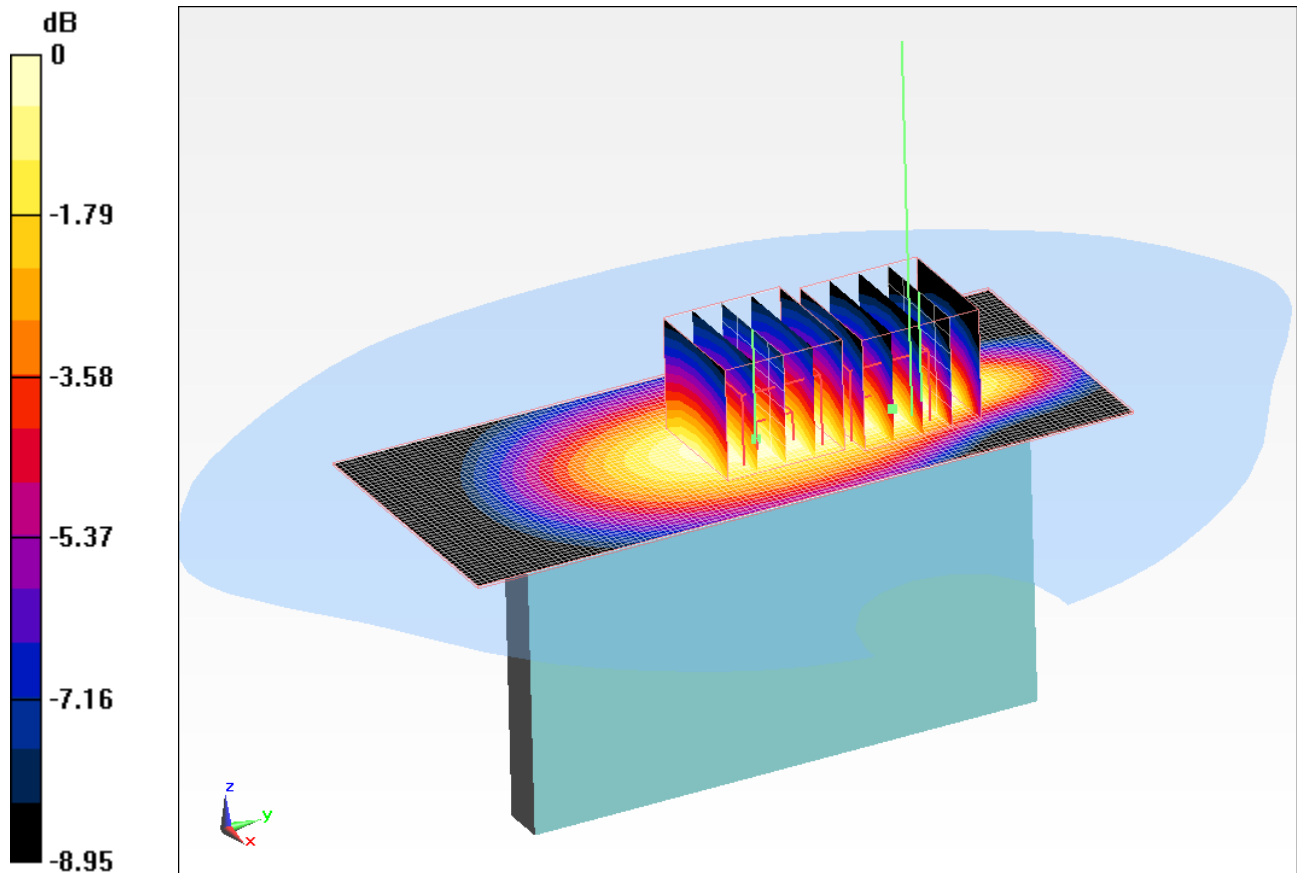
Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.238 mW/g

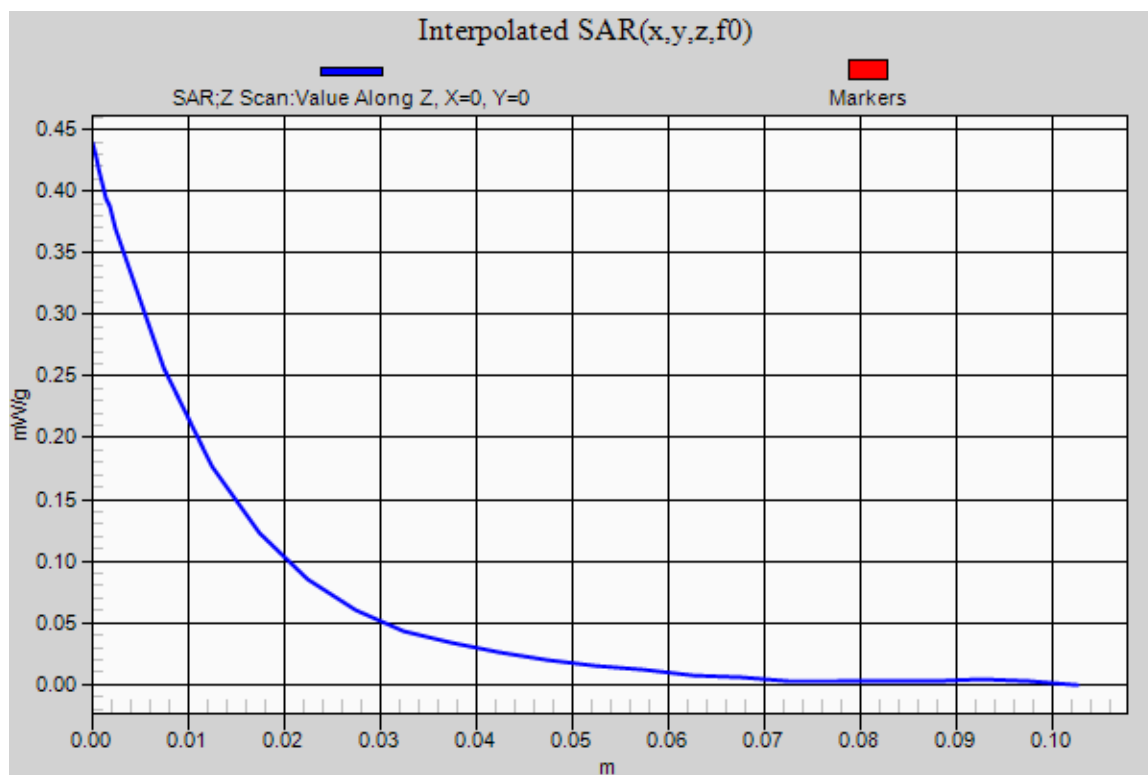
Maximum value of SAR (measured) = 0.394 mW/g

FCC/Left Hand Side RB1 RB49 1cm QPSK/Z Scan (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (interpolated) = 0.440 mW/g



0 dB = 0.390mW/g



SCN/11U13867/025: Front Face LTE CH23230 RB25 RB#12 1cm 16QAM

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE M FDD (SC-FDMA, RB25 RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.974 \text{ mho/m}$; $\epsilon_r = 55.013$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Front Face RB25 RB12 1cm 16QAM/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.248 mW/g

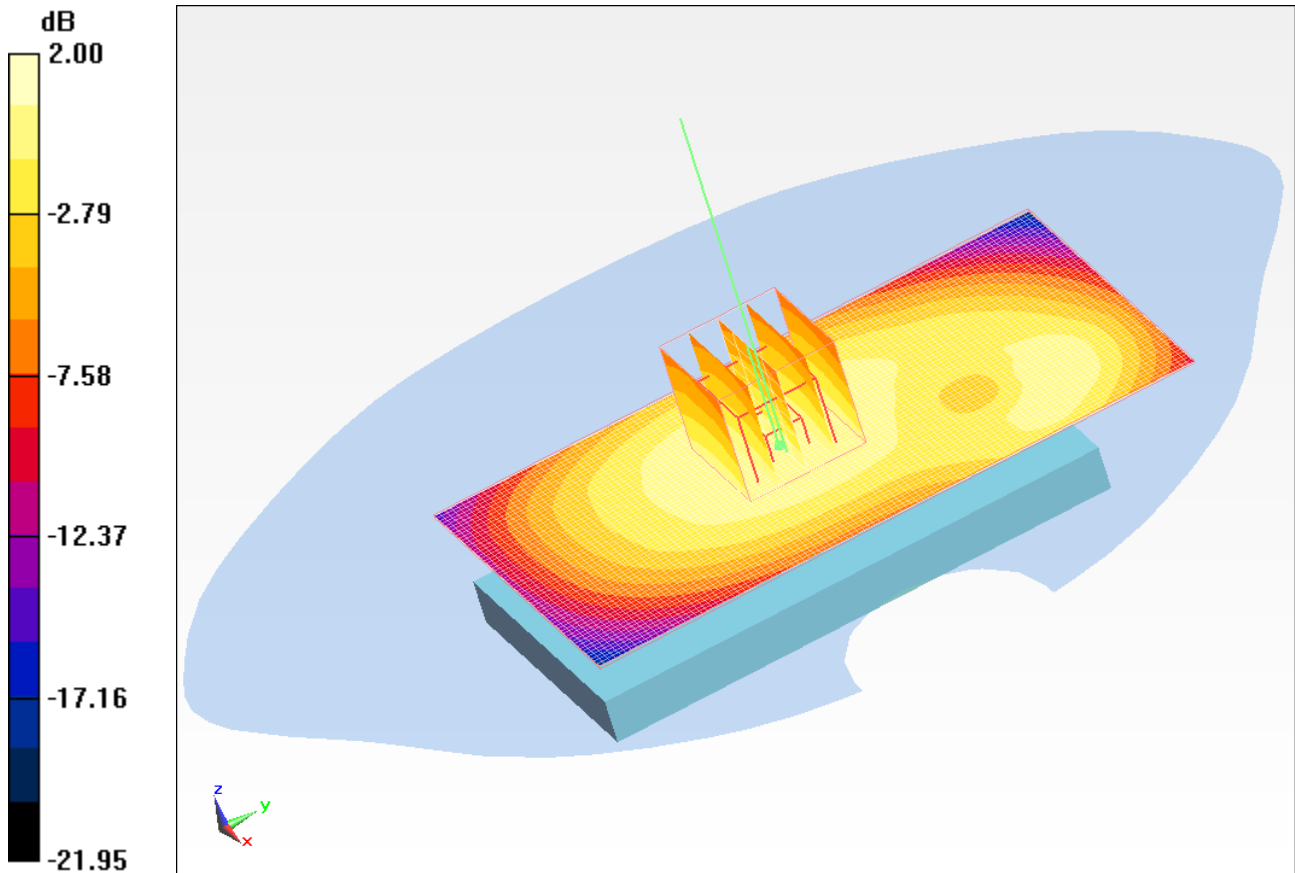
FCC/Front Face RB25 RB12 1cm 16QAM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.024 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.245 mW/g



0 dB = 0.230mW/g

SCN/11U13867/026: Rear Face LTE CH23230 RB25 RB#12 1cm 16QAM

Date: 6/22/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB13, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Bottom Face RB25 RB12 1cm 16QAM /Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

FCC/Bottom Face RB25 RB12 1cm 16QAM /Zoom Scan(5x5x7mm) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.108 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.249 mW/g

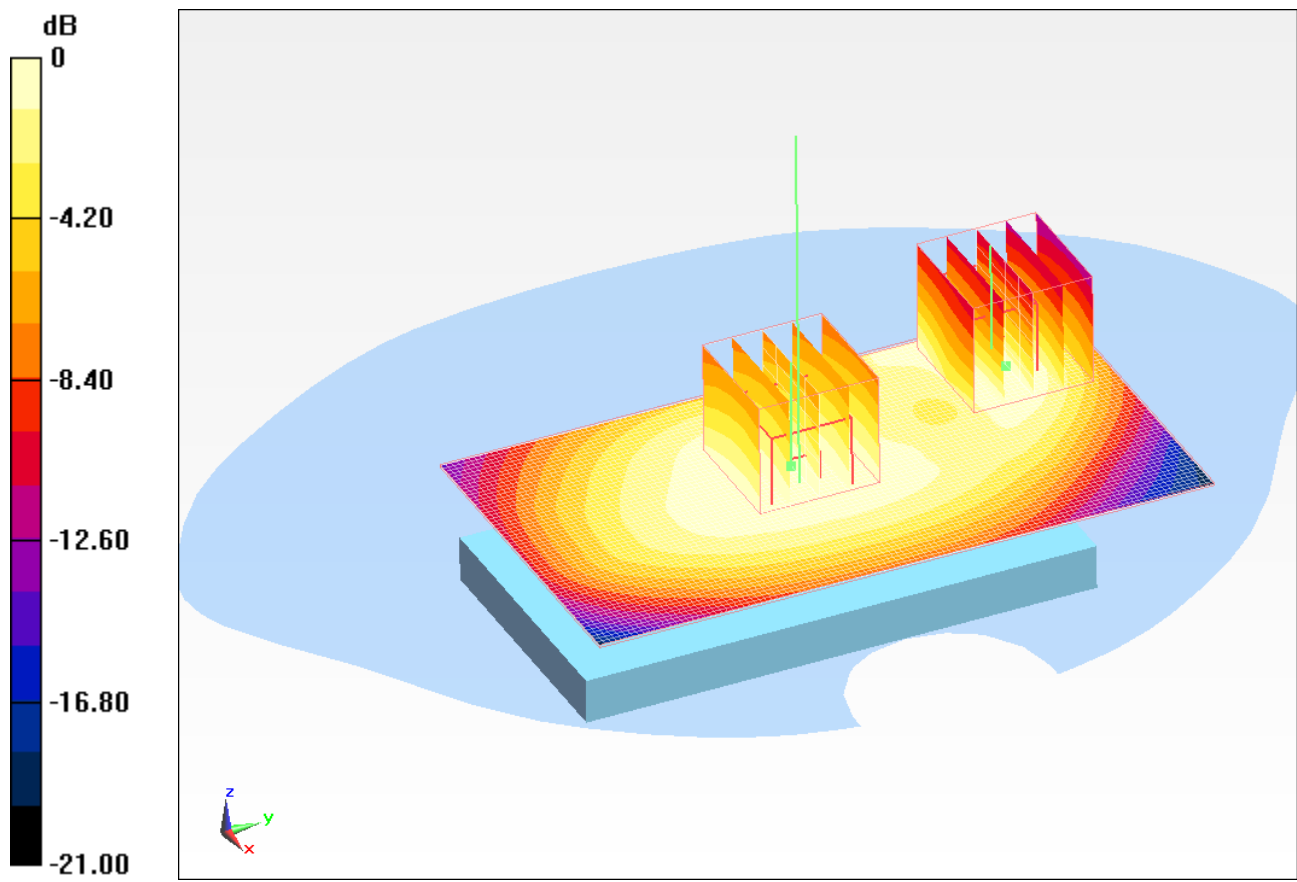
FCC/Bottom Face RB25 RB12 1cm 16QAM/Zoom Scan(5x5x7mm) (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.108 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.254 mW/g



SCN/11U13867/027: Left Hand Side LTE CH23230 RB25 RB#12 1cm 16QAM

Date: 6/22/2011, Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB13, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

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

- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011

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

- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010

- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB25 RB121cm 16QAM/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.301 mW/g

FCC/Left Hand Side RB25 RB12 1cm 16QAM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.383 V/m; Power Drift = -0.0052 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.304 mW/g

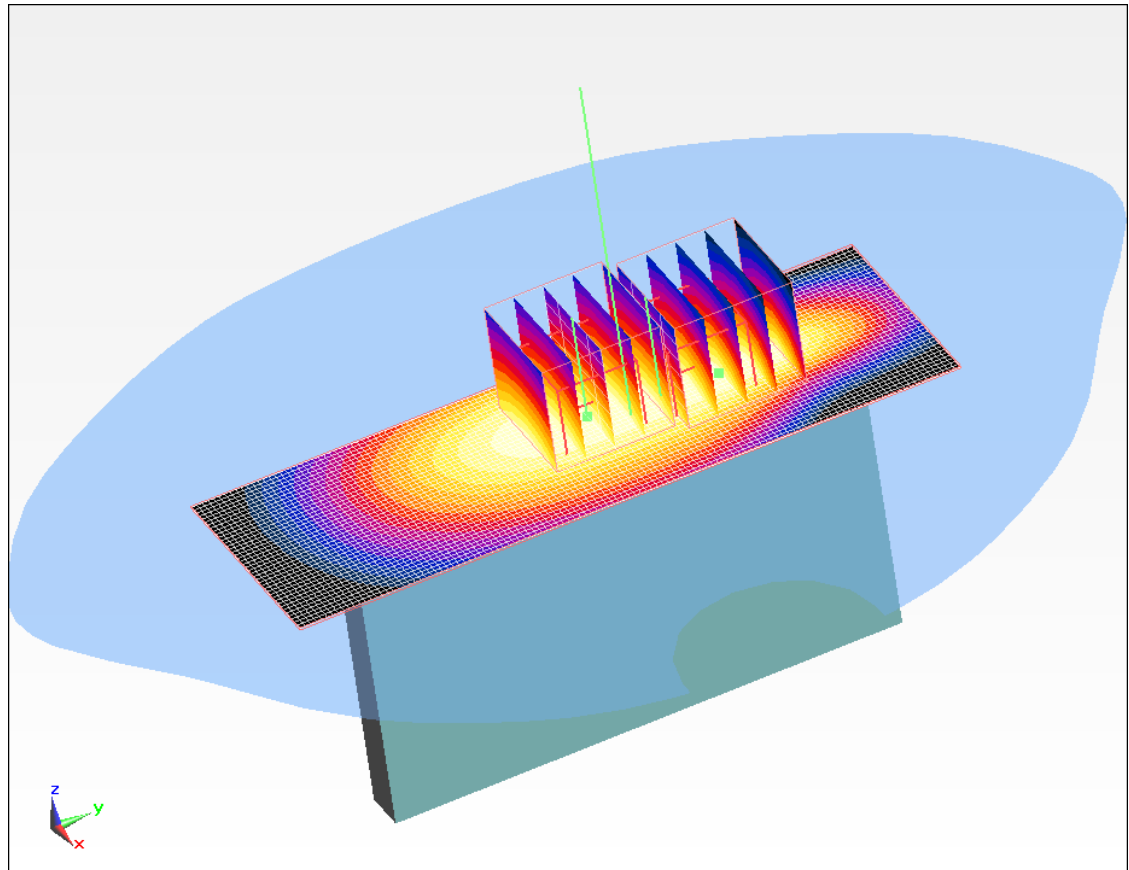
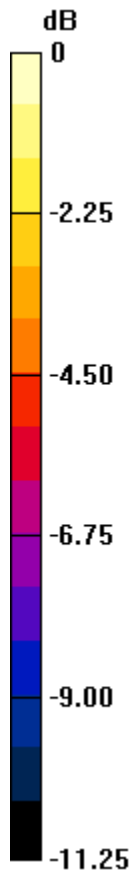
FCC/Left Hand Side RB25 RB12 1cm 16QAM/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.383 V/m; Power Drift = -0.0052 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.290mW/g

SCN/11U13867/028: Right Hand Side LTE CH23230 RB25 RB#12 1cm 16QAM

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB#12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Right Hand Side RB25 RB#12 1cm 16QAM/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 mW/g

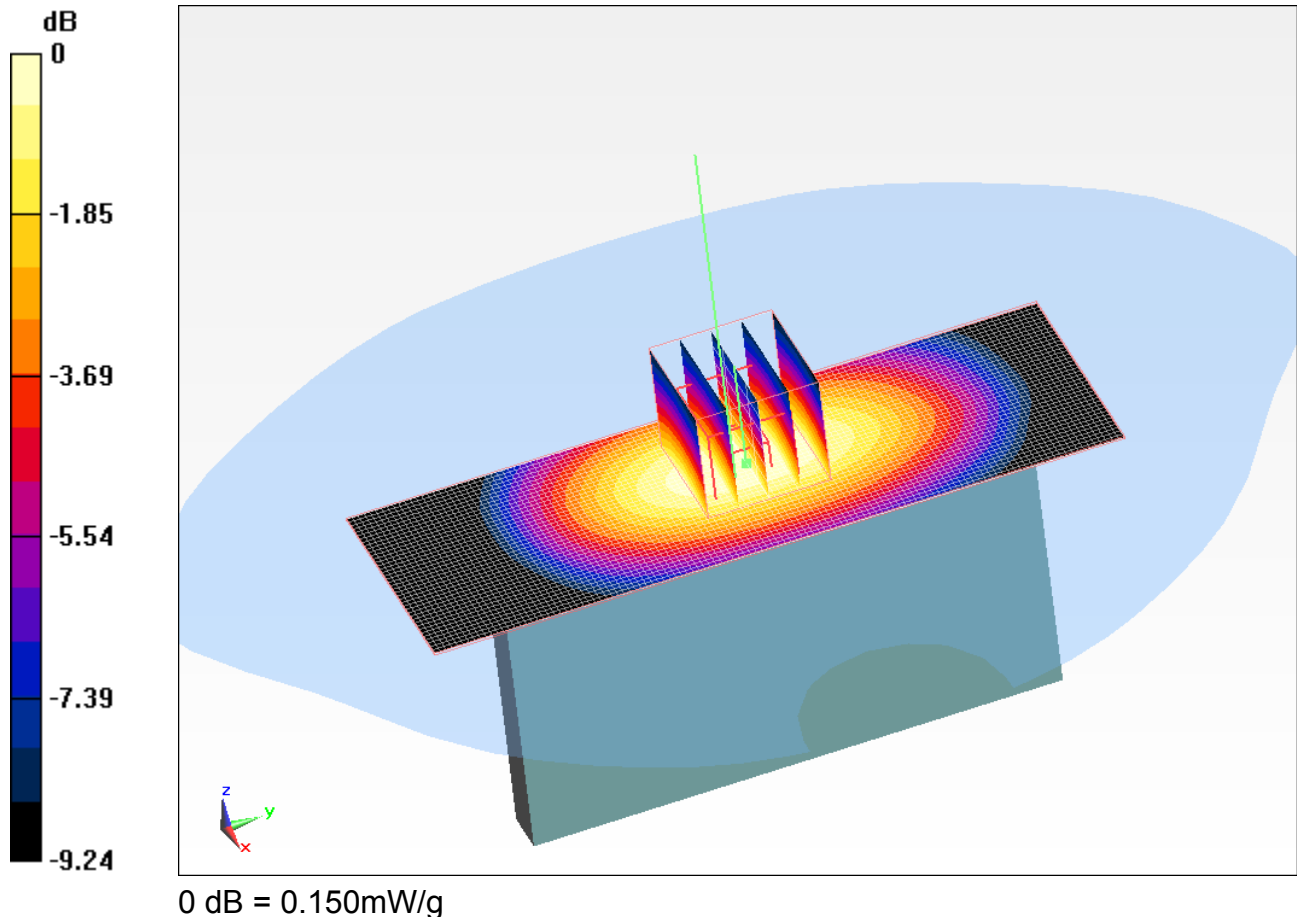
FCC/Right Hand Side RB25 RB#12 1cm 16QAM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.473 V/m; Power Drift = 0.0039 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



SCN/11U13867/029: Bottom LTE CH23230 RB25 RB#12 1cm 16QAM

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB#12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Bottom RB25 RB#12 1cm 16QAM/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.249 mW/g

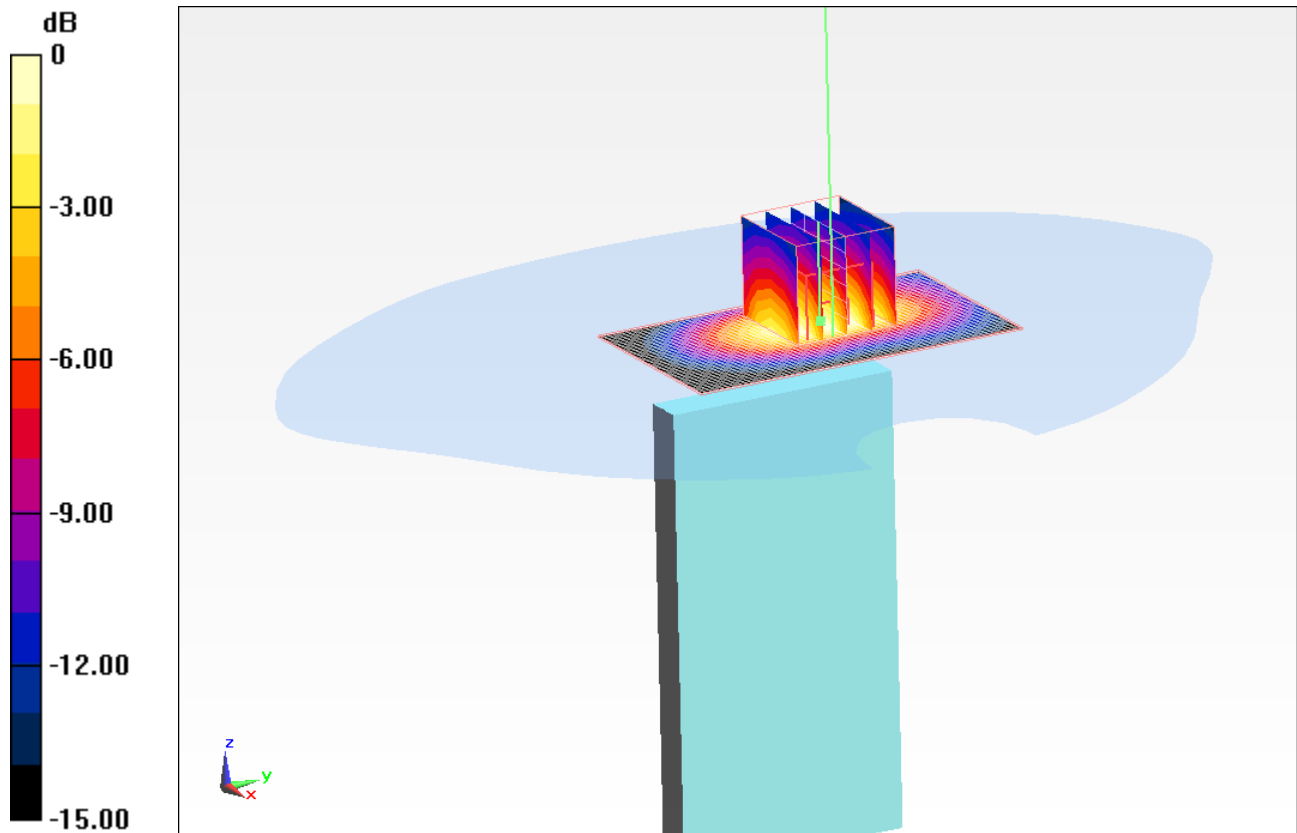
FCC/Bottom RB25 RB#12 1cm 16QAM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.962 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.249 mW/g



0 dB = 0.220mW/g

SCN/11U13867/030: Top LTE CH23230 RB25 RB#12 1cm 16QAM

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB#12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Top RB25 RB#12 1cm 16QAM/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.016 mW/g

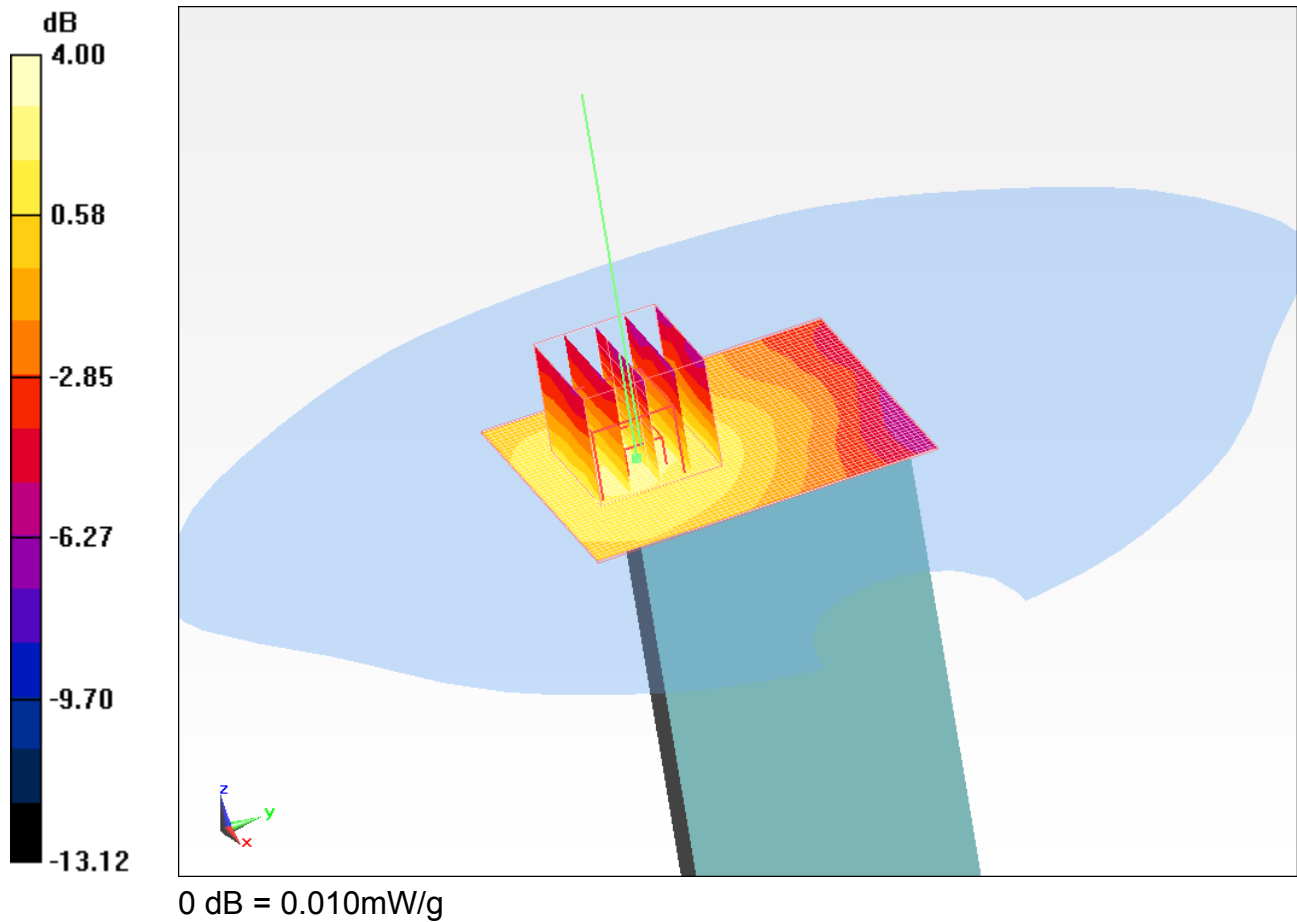
FCC/Top RB25 RB#12 1cm 16QAM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.243 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.018 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00971 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



SCN/11U13867/031: Left Hand Side LTE CH23230 RB25 RB#12 1cm 16QAM Wless Charger Cover

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB25 RB12 1cm 16QAM wless Charger Cover/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.296 mW/g

FCC/Left Hand Side RB25 RB12 1cm 16QAM wless Charger Cover/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.142 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.175 mW/g

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

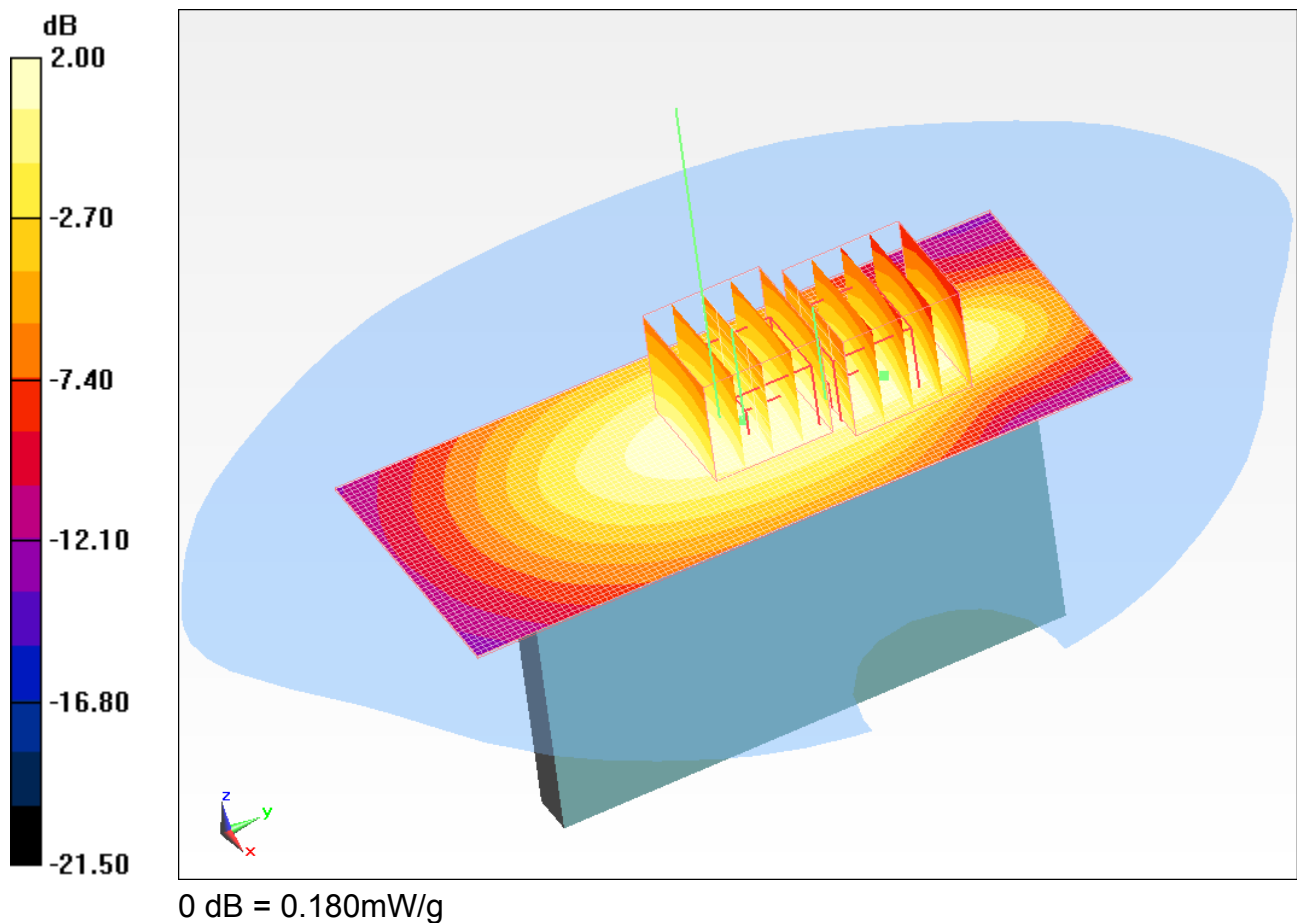
FCC/Left Hand Side RB25 RB12 1cm 16QAM wless Charger Cover/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.142 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.276 mW/g



SCN/11U13867/032: Left Hand Side LTE CH23230 RB25 RB#12 1cm 16QAM Hand Free Device

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB25 RB12, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB25 RB#12 1cm 16QAM Hands Free Device/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.339 mW/g

FCC/Left Hand Side RB25 RB#12 1cm 16QAM Hands Free Device/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.133 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.341 mW/g

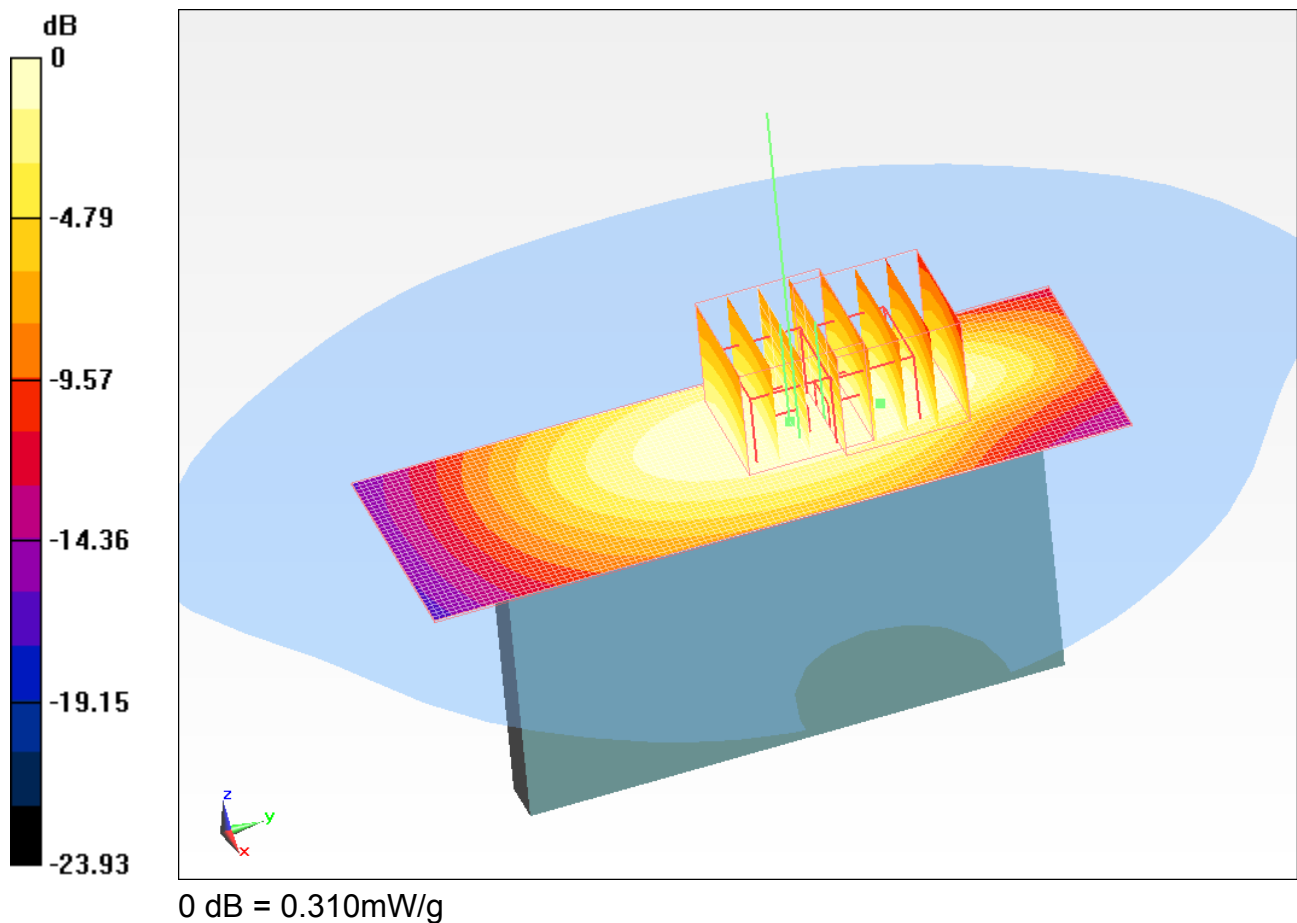
FCC/Left Hand Side RB25 RB#12 1cm 16QAM Hands Free Device/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.133 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.330 mW/g



SCN/11U13867/033: Left Hand Side LTE CH23230 RB1 RB#0 1cm Worst Case 16QAM

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB1 RB#0, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB1 RB#0 1cm Worst case 16QAM/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.341 mW/g

FCC/Left Hand Side RB1 RB#0 1cm Worst case 16QAM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.978 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.344 mW/g

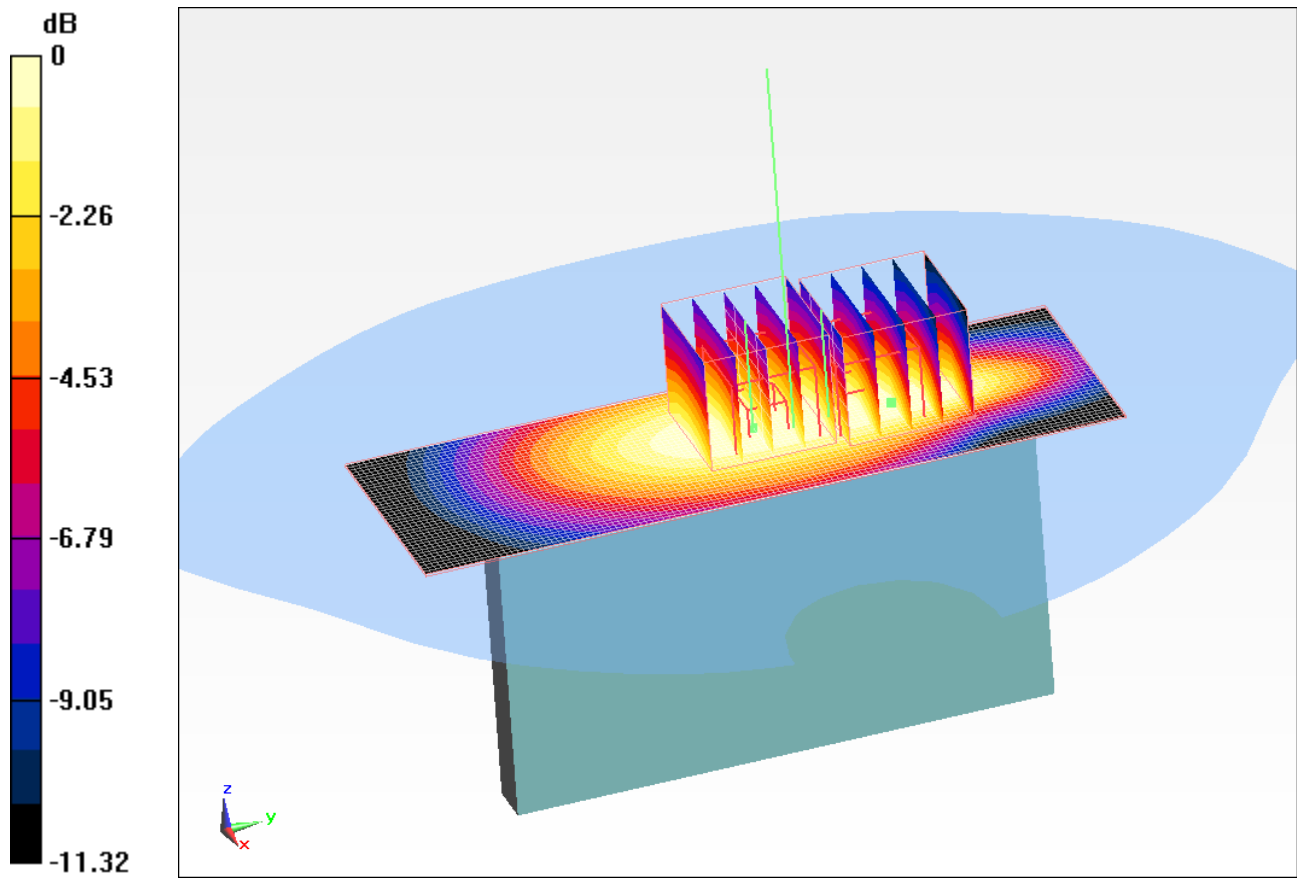
FCC/Left Hand Side RB1 RB#0 1cm Worst case 16QAM/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.978 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.325 mW/g



0 dB = 0.320mW/g

SCN/11U13867/034: Left Hand Side LTE CH23230 RB1 RB49 1cm Worst Case 16QAM

Date: 6/23/2011

Test Laboratory: UL CCS SAR Lab A

Communication System: LTE FDD (SC-FDMA, RB1 RB#49, 10 MHz, 16QAM); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP v5.0 (Right); Type: QD000P40CD; Serial: 1628
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

FCC/Left Hand Side RB1 RB#49 1cm Worst case 16QAM /Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.359 mW/g

FCC/Left Hand Side RB1 RB#49 1cm Worst case 16QAM /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.044 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.346 mW/g

FCC/Left Hand Side RB1 RB#49 1cm Worst case 16QAM /Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

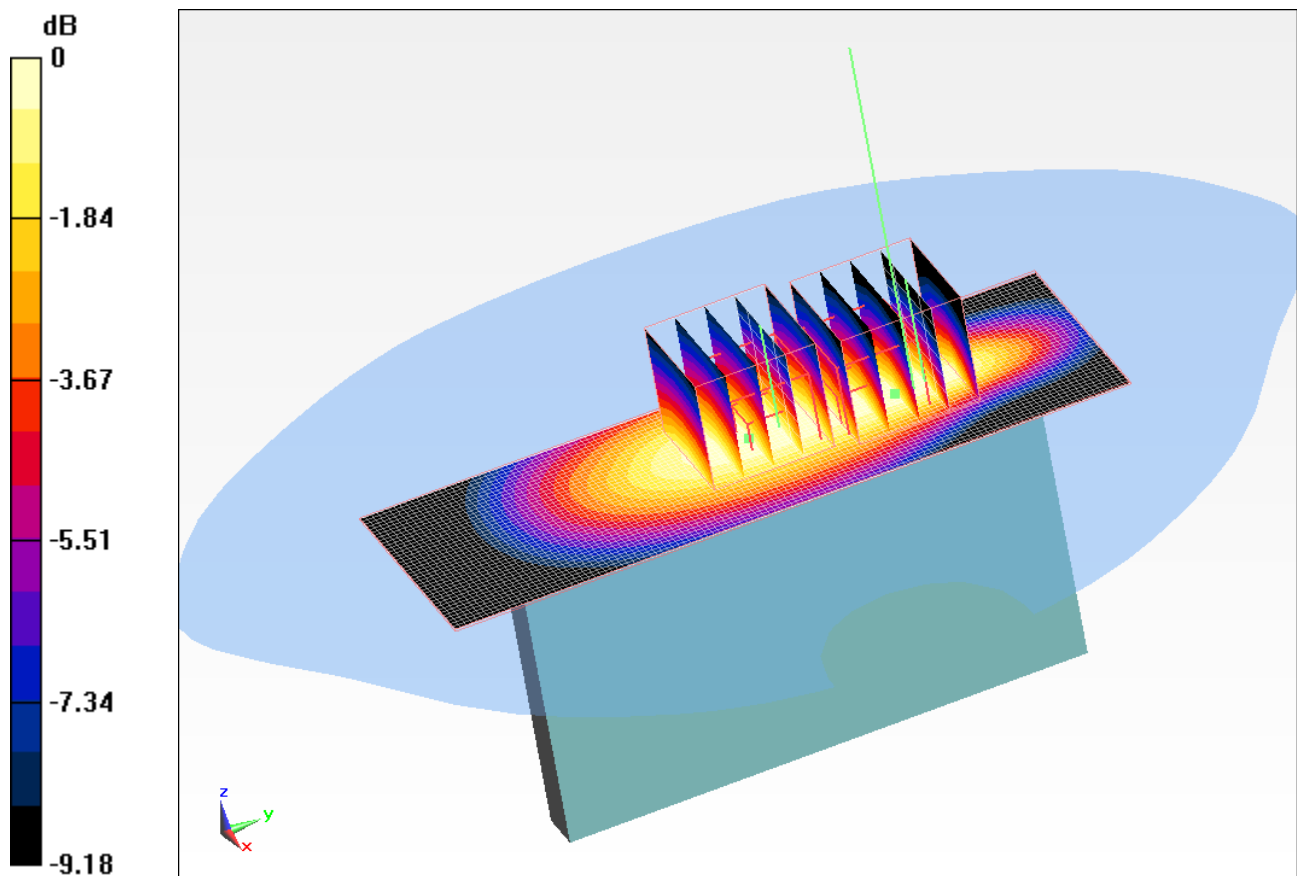
Reference Value = 19.044 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.214 mW/g

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

FCC/Left Hand Side RB1 RB#49 1cm Worst case 16QAM /Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.336 mW/g



0 dB = 0.360mW/g

SAR(x,y,z,f0)

