LTE Band 4

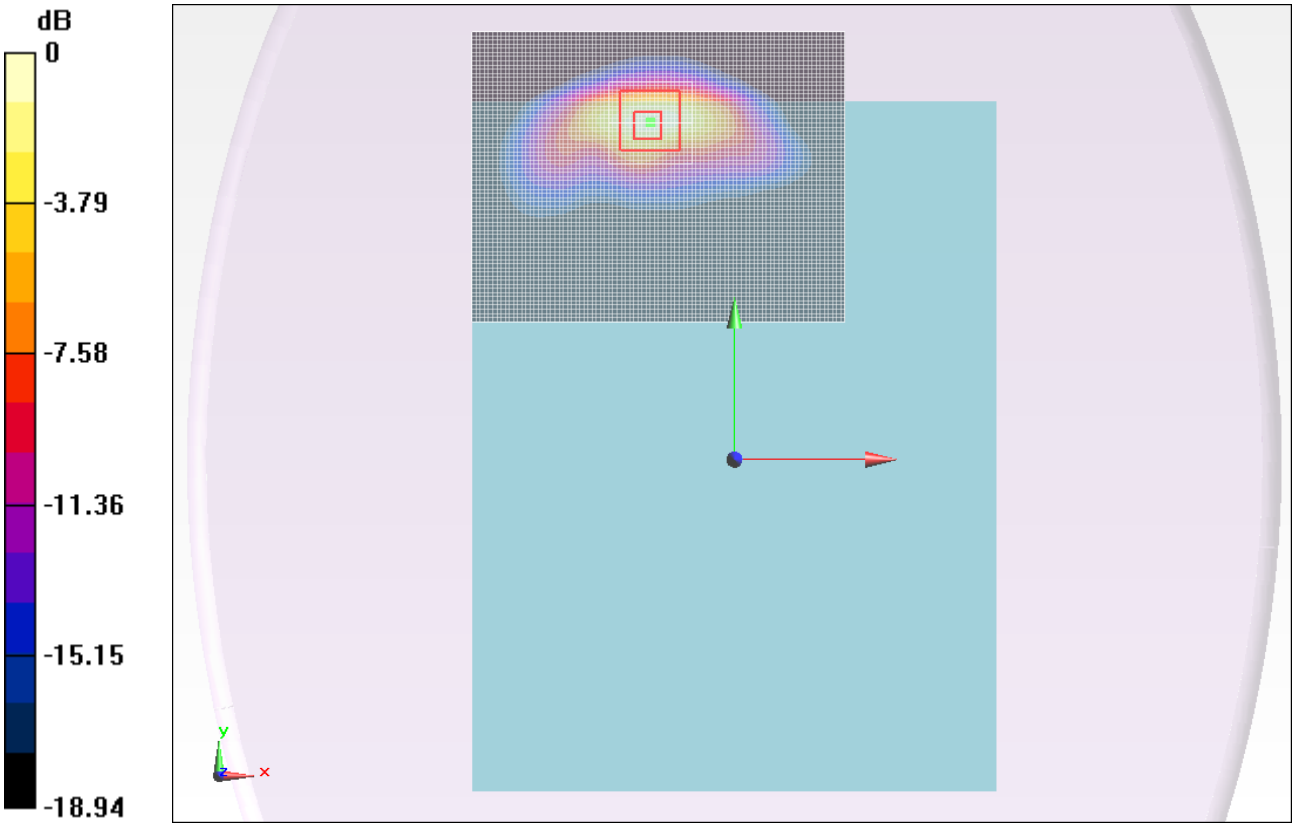
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/L-Ch_QPSK_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.412 mW/g

Rear_Prox Engaged_0mm/L-Ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 28.705 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.2060
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 1.518 mW/g



0 dB = 1.520mW/g = 3.64 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

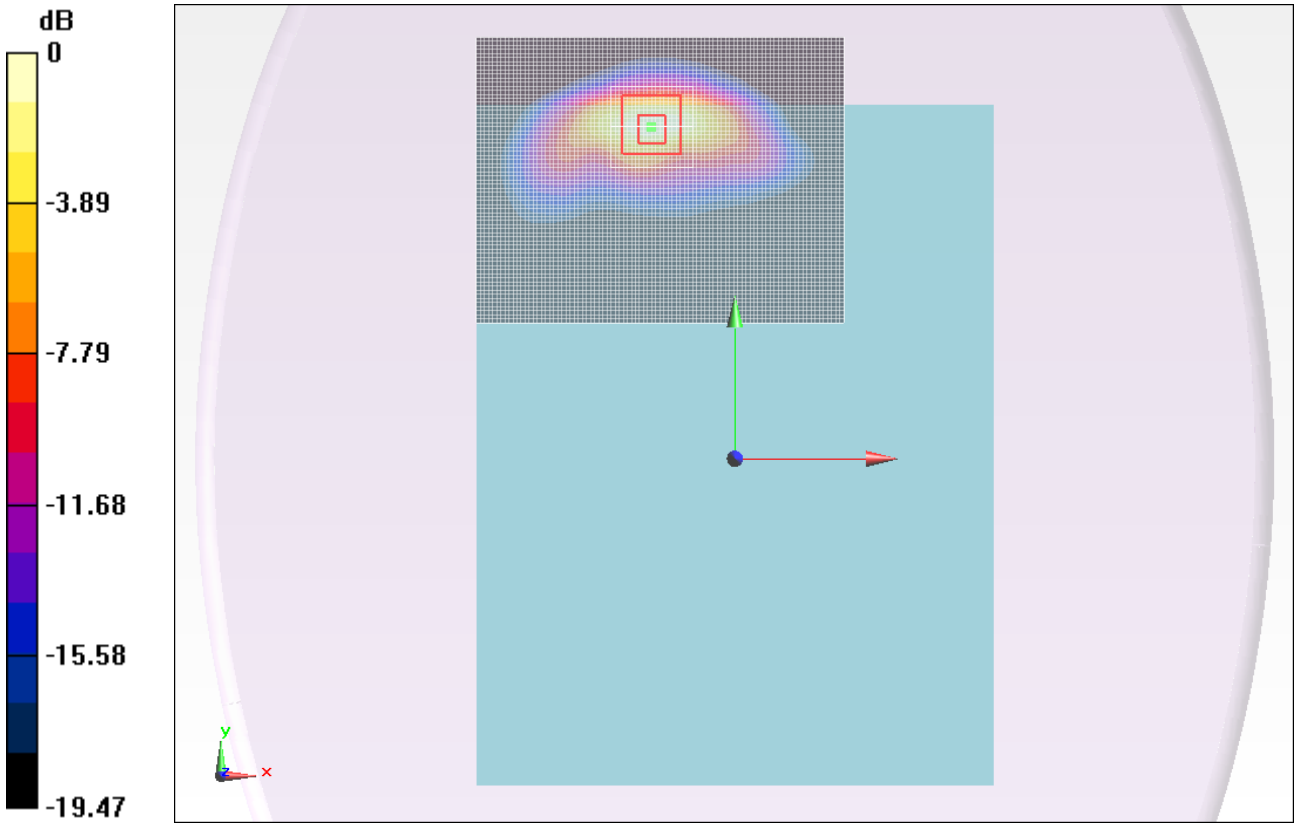
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/L-Ch_QPSK_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.004 mW/g

Rear_Prox Engaged_0mm/L-Ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 24.277 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.5310
SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 1.060 mW/g



0 dB = 1.060mW/g = 0.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

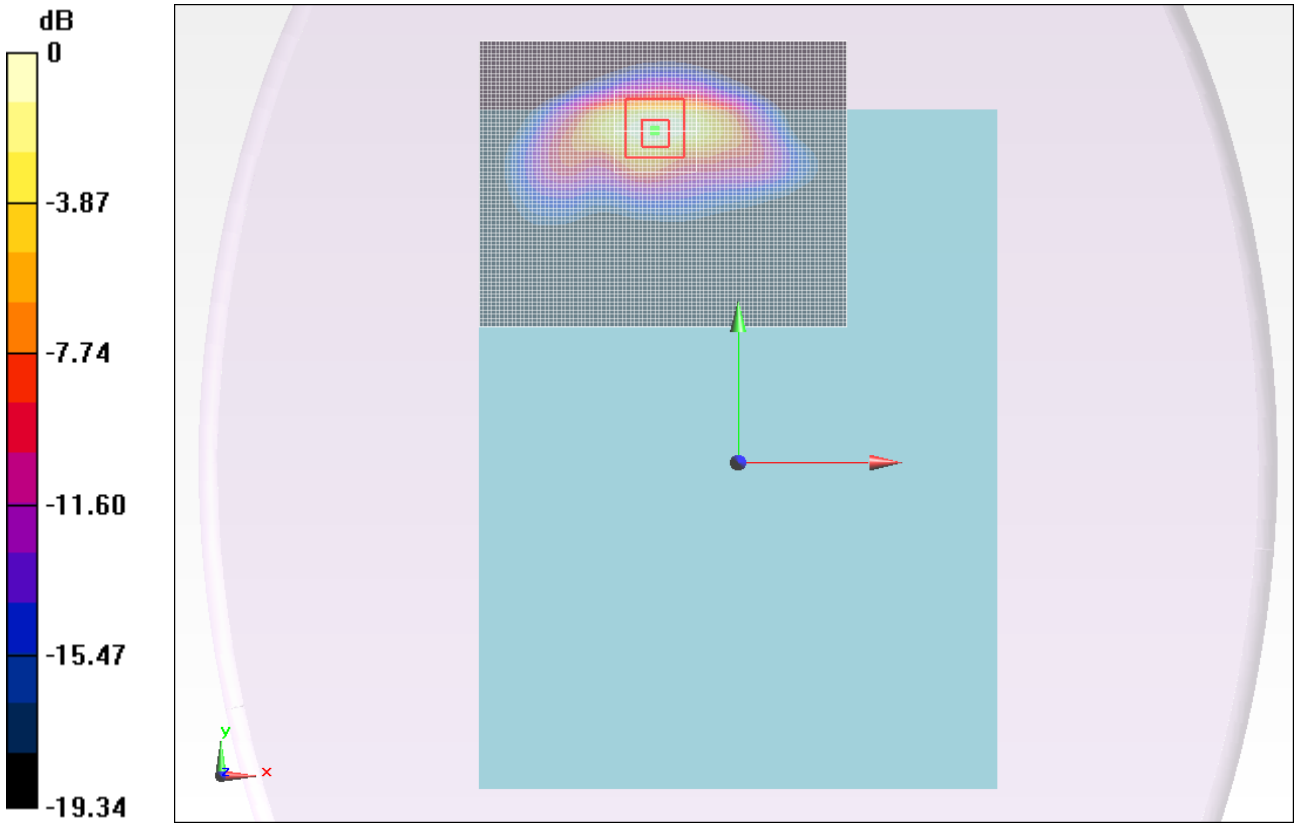
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/L-Ch_QPSK_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.426 mW/g

Rear_Prox Engaged_0mm/L-Ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 28.613 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.1270
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 1.472 mW/g



0 dB = 1.470mW/g = 3.35 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

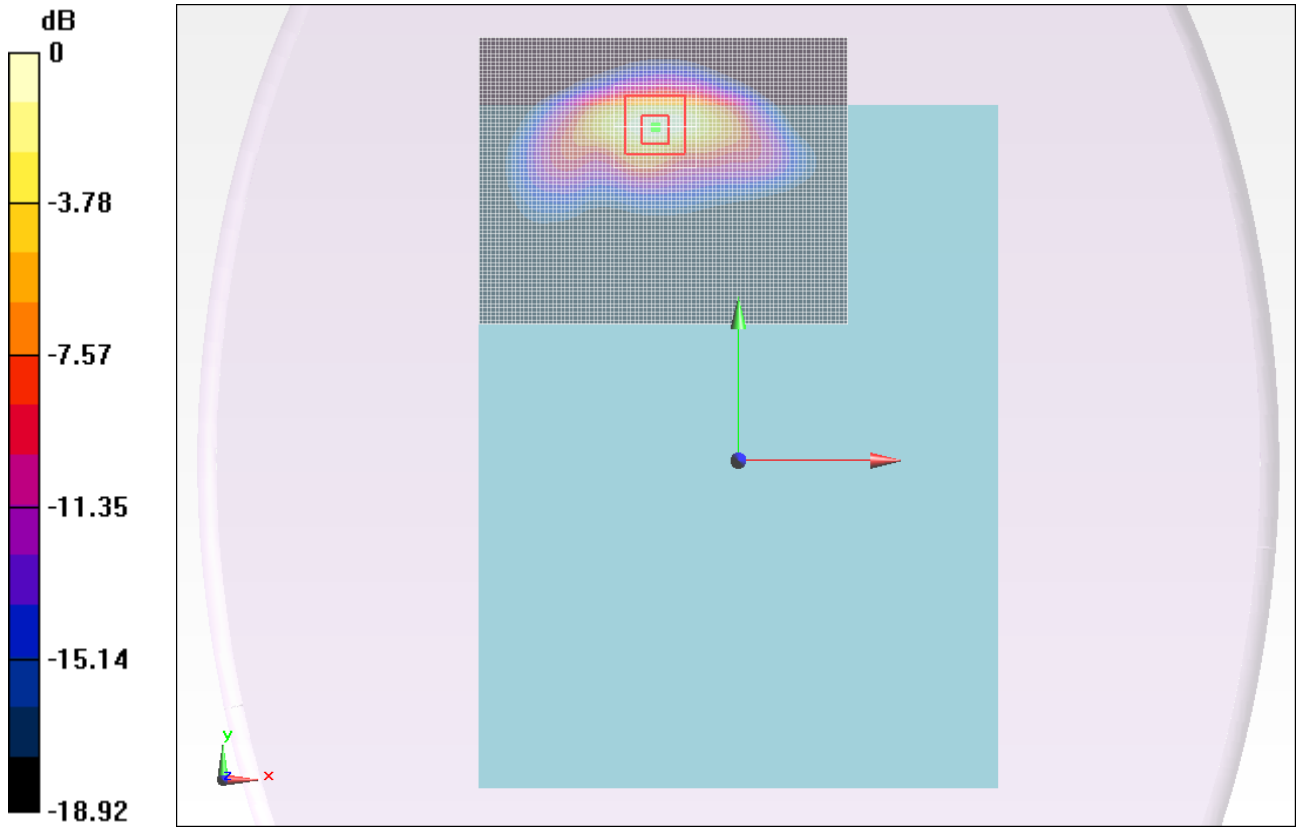
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/L-Ch_16QAM_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.468 mW/g

Rear_Prox Engaged_0mm/L-Ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 29.131 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.2270
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 1.527 mW/g



0 dB = 1.530mW/g = 3.69 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

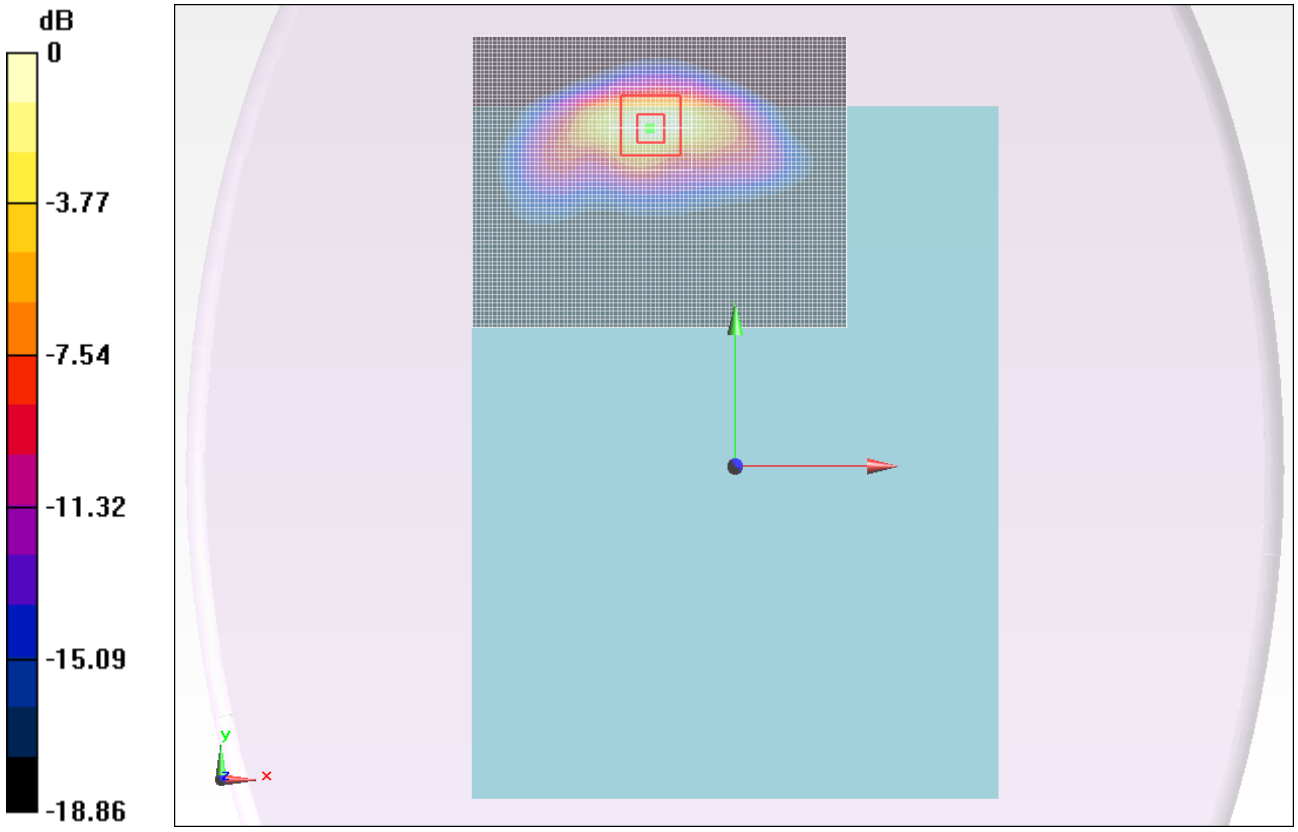
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/L-Ch_16QAM_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.052 mW/g

Rear_Prox Engaged_0mm/L-Ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 24.770 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.5910
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 1.102 mW/g



0 dB = 1.100mW/g = 0.83 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

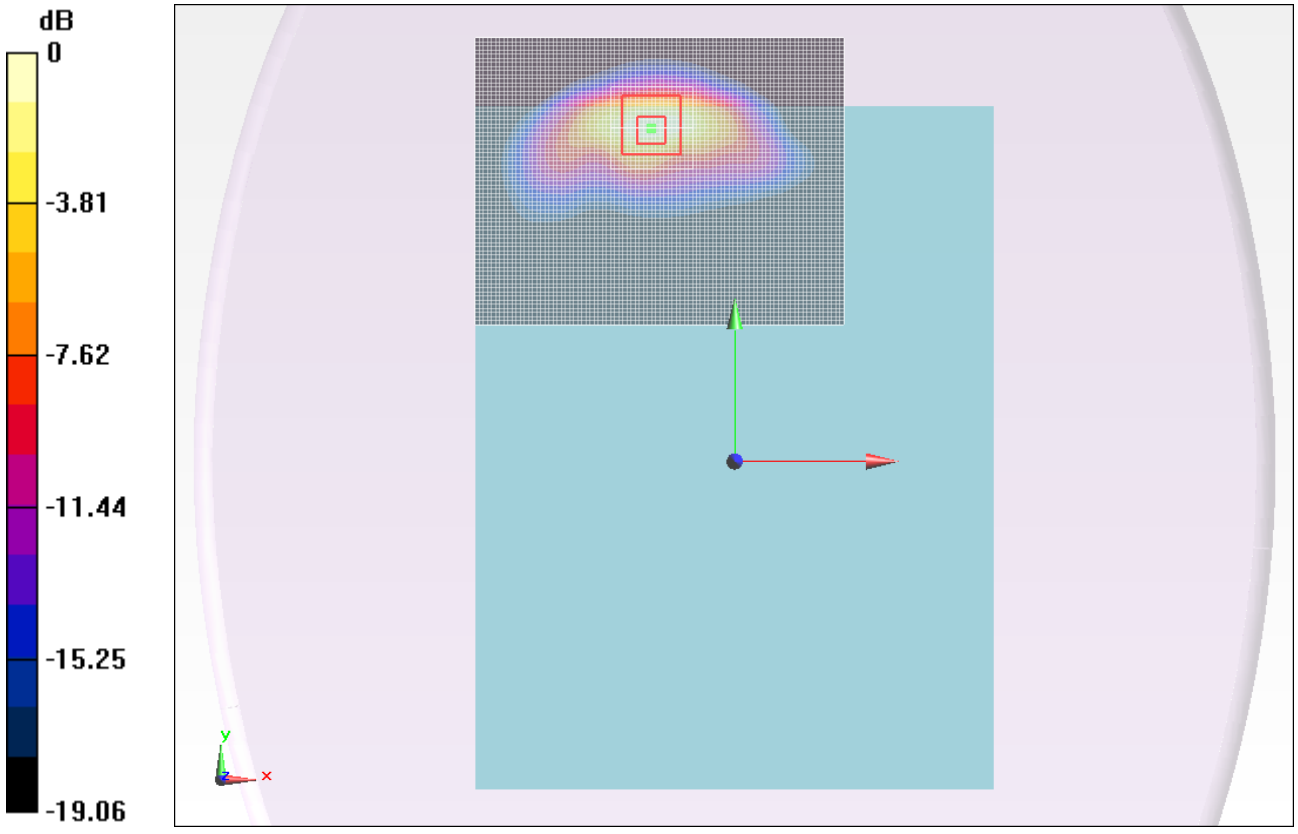
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/L-Ch_16QAM_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.459 mW/g

Rear_Prox Engaged_0mm/L-Ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 28.853 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.1880
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.506 mW/g
Maximum value of SAR (measured) = 1.510 mW/g



0 dB = 1.510mW/g = 3.58 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

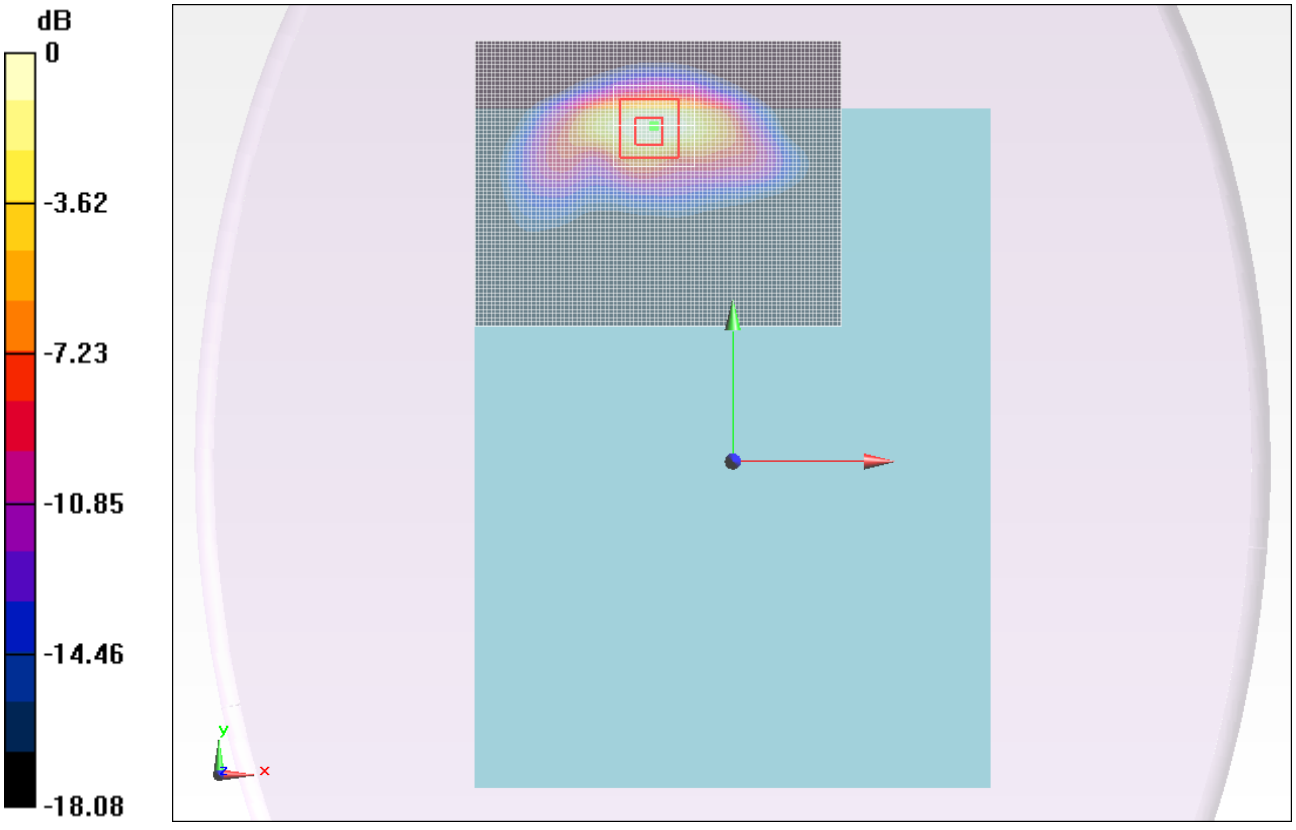
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/M-Ch_QPSK_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.479 mW/g

Rear_Prox Engaged_0mm/M-Ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 28.978 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.1560
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.494 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.406 mW/g



0 dB = 1.410mW/g = 2.98 dB mW/g

LTE Band 4

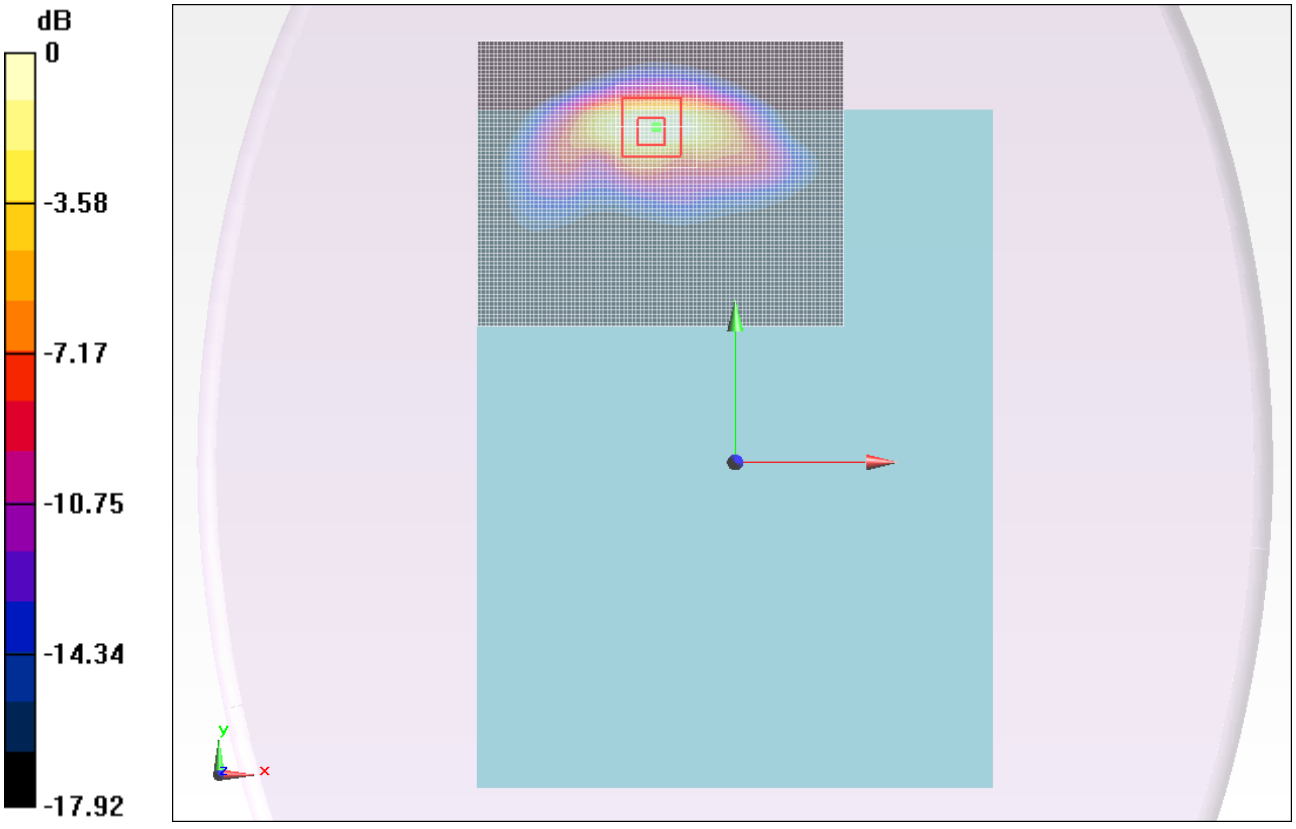
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/M-Ch_QPSK_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.389 mW/g

Rear_Prox Engaged_0mm/M-Ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 27.326 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.8930
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.436 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.239 mW/g



0 dB = 1.240mW/g = 1.87 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

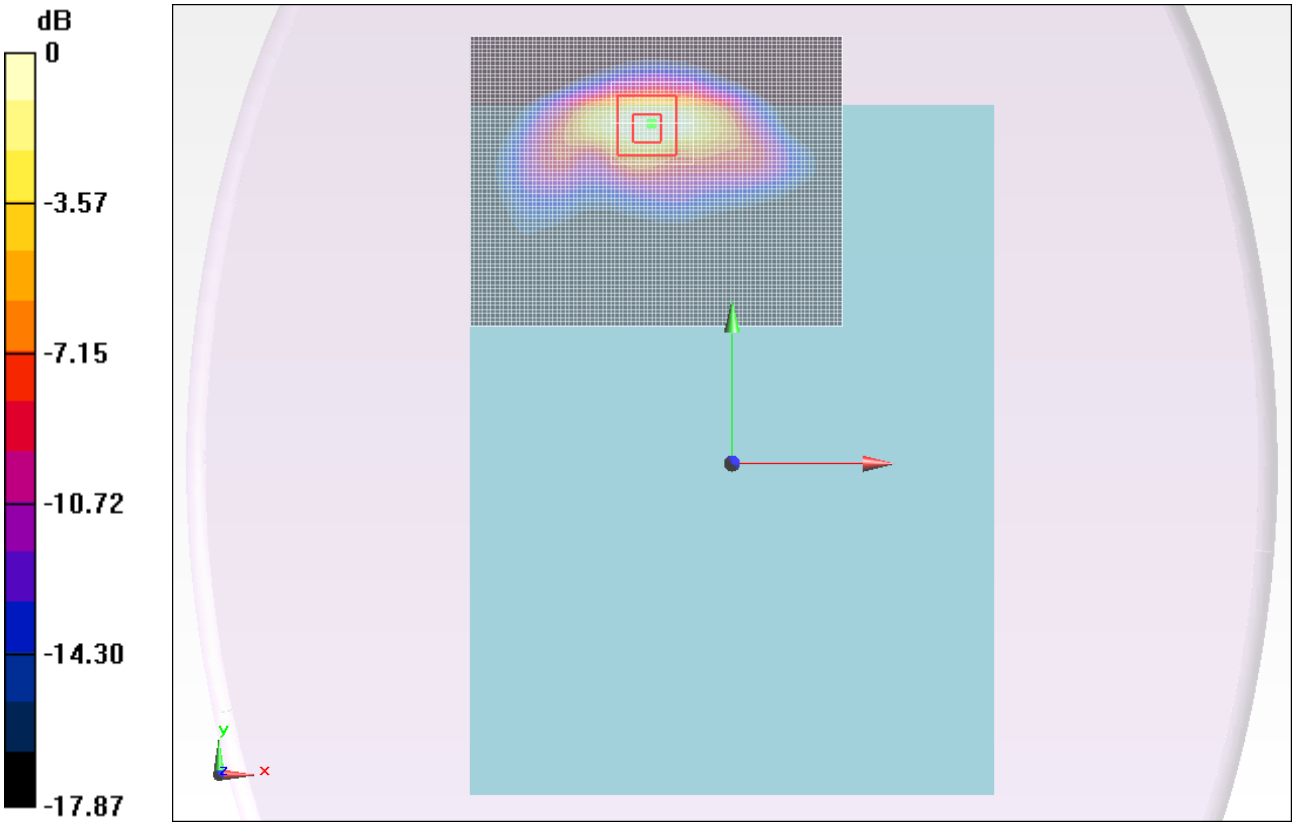
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/M-Ch_QPSK_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.112 mW/g

Rear_Prox Engaged_0mm/M-Ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 24.358 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.4880
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.345 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.971 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

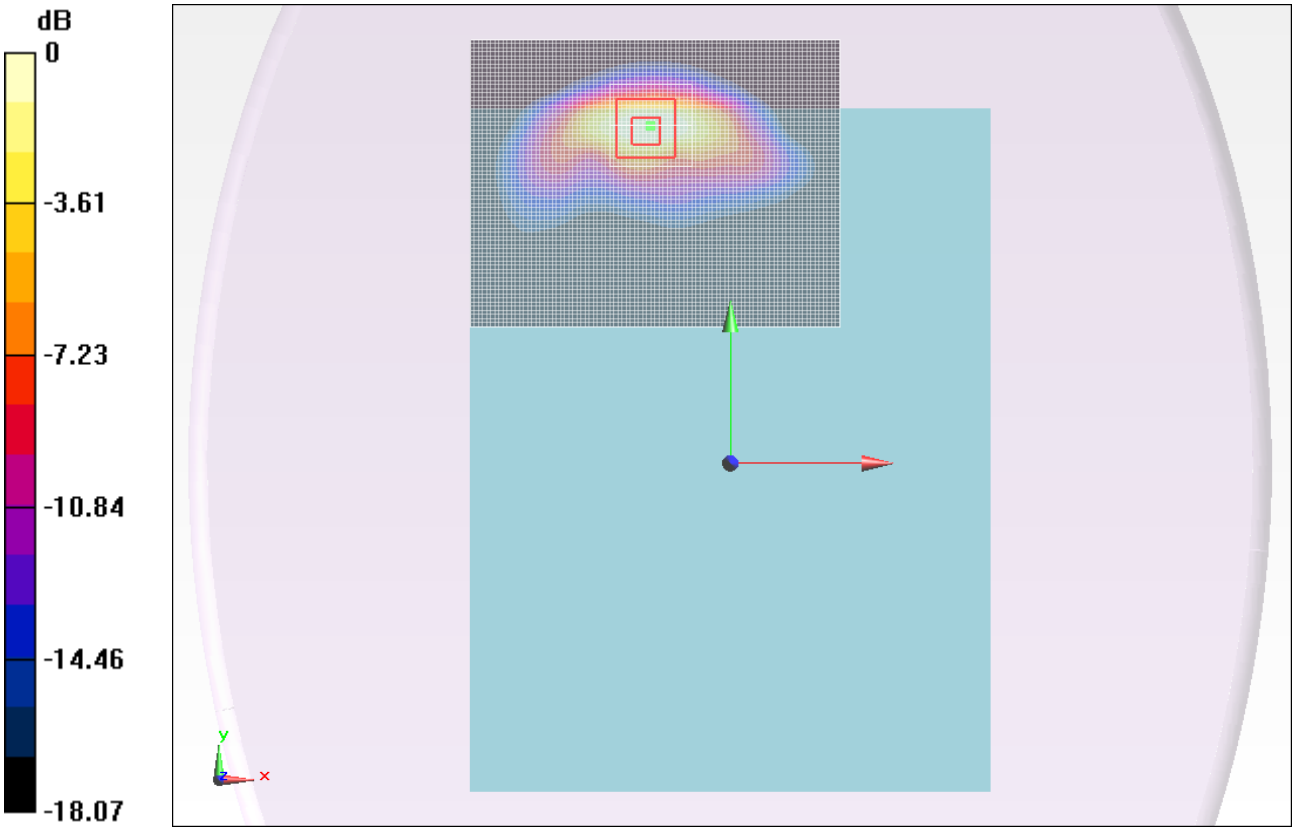
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/M-Ch_16QAM_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.568 mW/g

Rear_Prox Engaged_0mm/M-Ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 29.015 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.1280
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.488 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.393 mW/g



0 dB = 1.390mW/g = 2.86 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

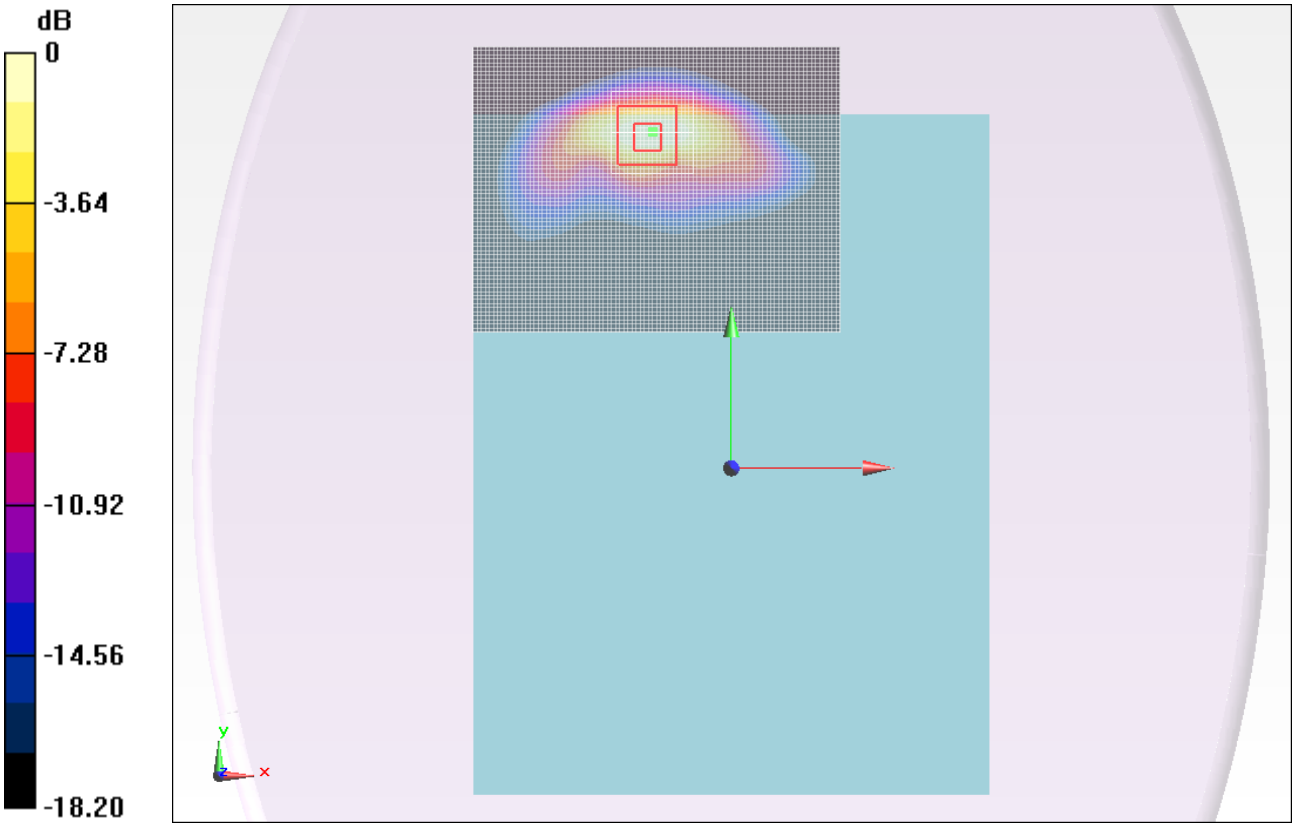
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/M-Ch_16QAM_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.456 mW/g

Rear_Prox Engaged_0mm/M-Ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 27.984 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.9610
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.455 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.283 mW/g



0 dB = 1.280mW/g = 2.14 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

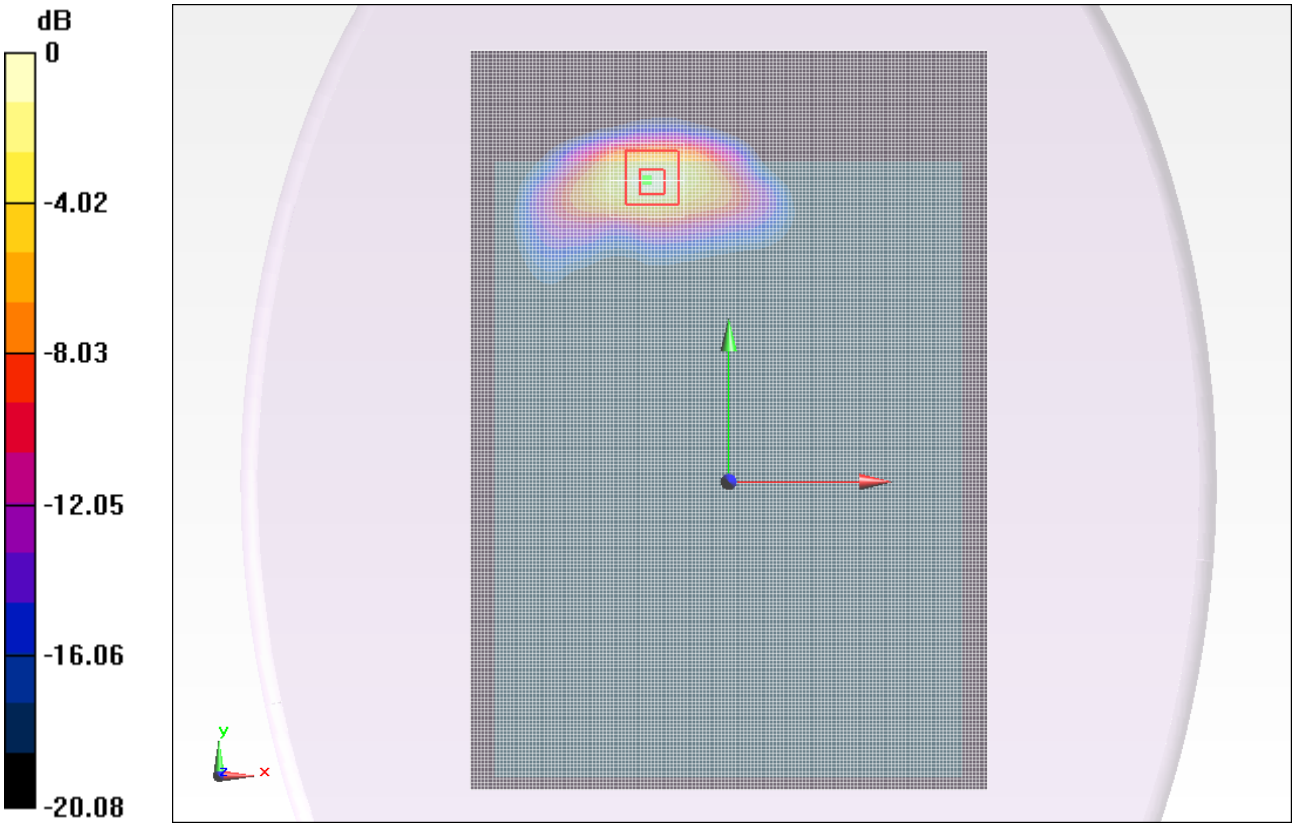
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/M-Ch_16QAM_RB1_RB99_/Area Scan (141x201x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.919 mW/g

Rear_Prox Engaged_0mm/M-Ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 20.669 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.5400
SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.356 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.056 mW/g



0 dB = 1.060mW/g = 0.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

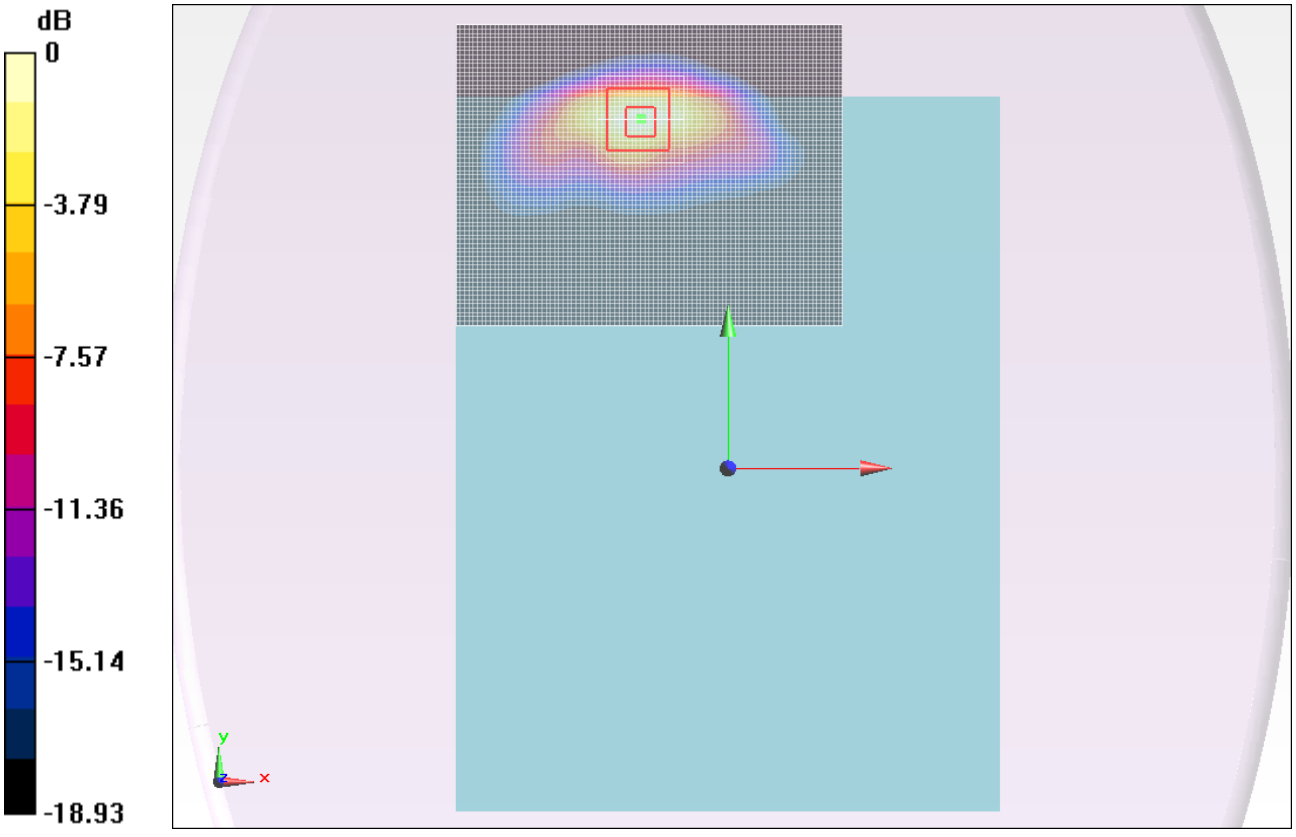
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/H-Ch_QPSK_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.219 mW/g

Rear_Prox Engaged_0mm/H-Ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 26.379 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.9840
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 1.318 mW/g



0 dB = 1.320mW/g = 2.41 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

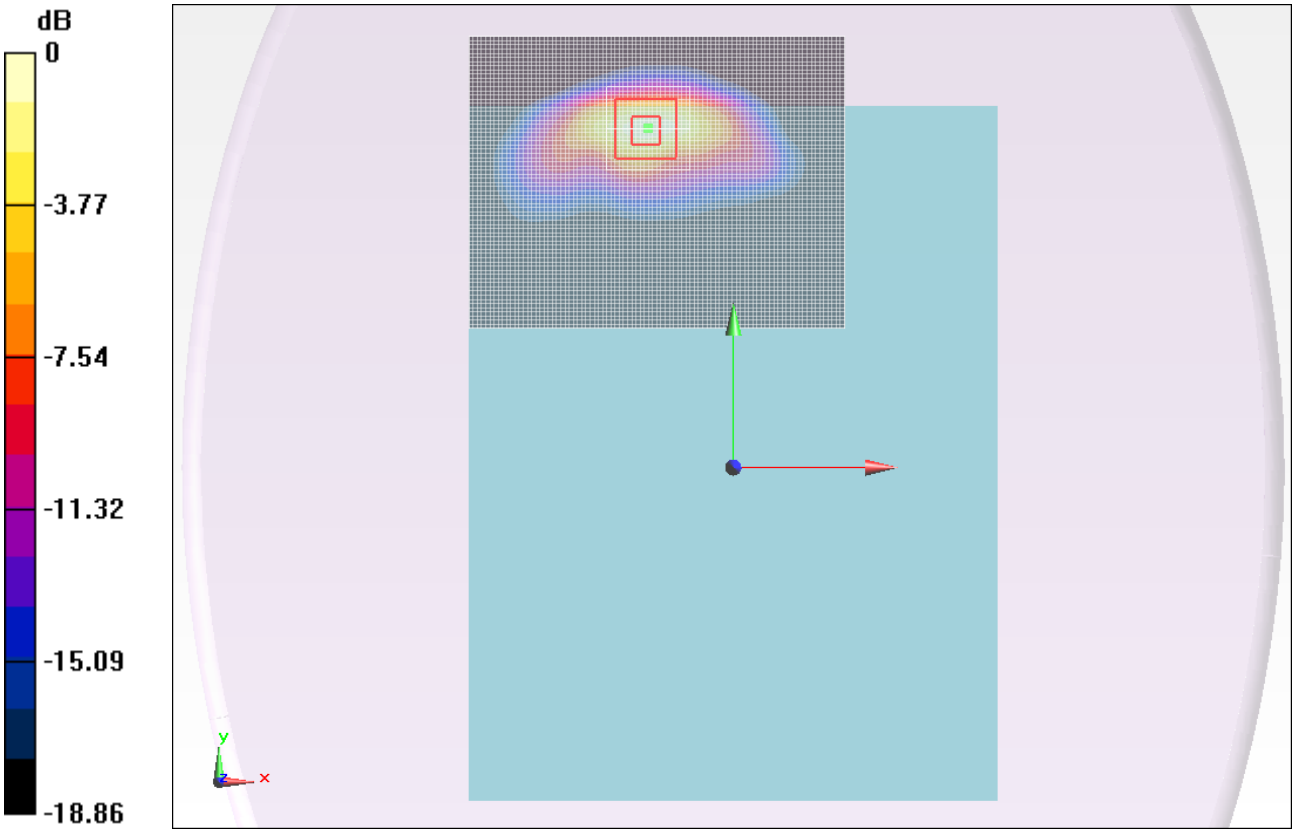
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/H-Ch_QPSK_RB1_RB0_ 2/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.086 mW/g

Rear_Prox Engaged_0mm/H-Ch_QPSK_RB1_RB0_ 2/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.158 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.7560
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 1.179 mW/g



0 dB = 1.180mW/g = 1.44 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

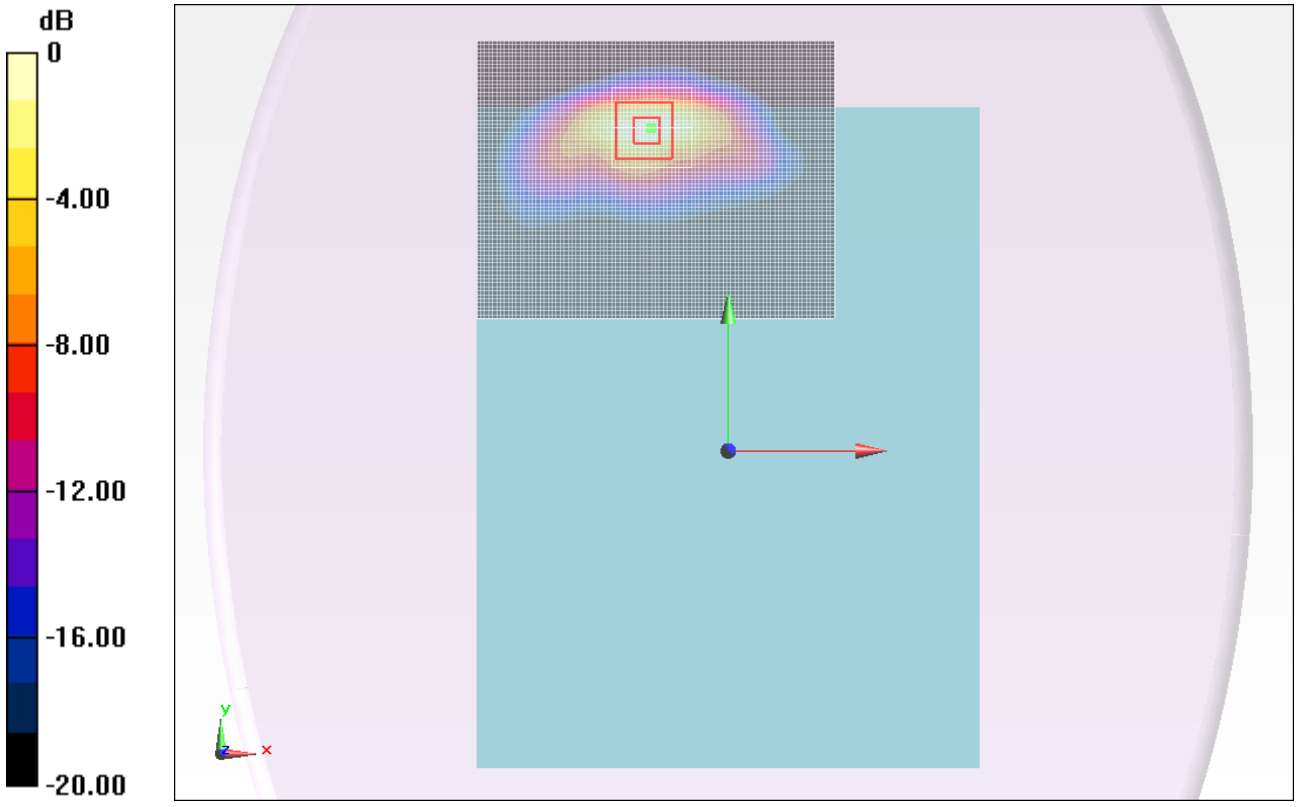
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/H-Ch_QPSK_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.253 mW/g

Rear_Prox Engaged_0mm/H-Ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.600 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.8630
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 1.256 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

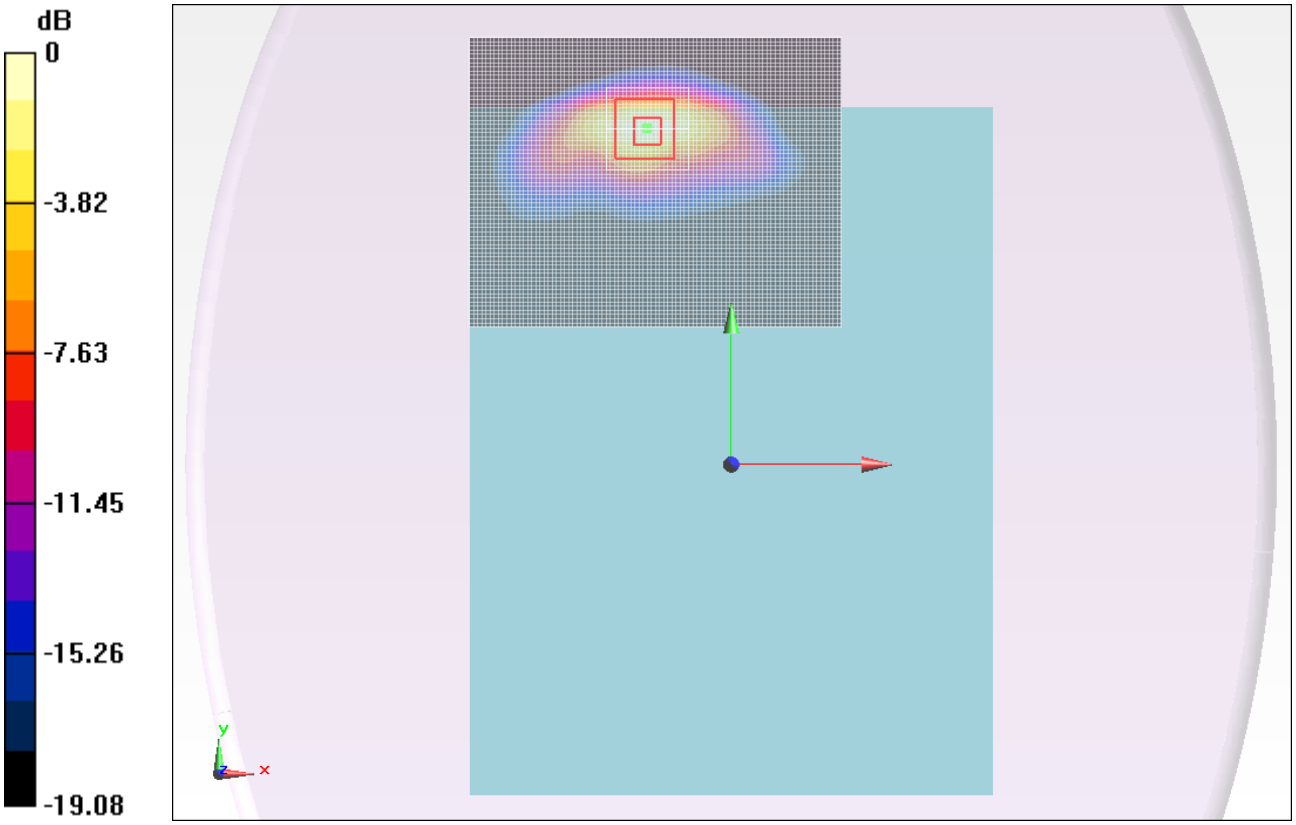
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/H-Ch_16QAM_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.231 mW/g

Rear_Prox Engaged_0mm/H-Ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 26.572 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.0020
SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 1.329 mW/g



0 dB = 1.330mW/g = 2.48 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

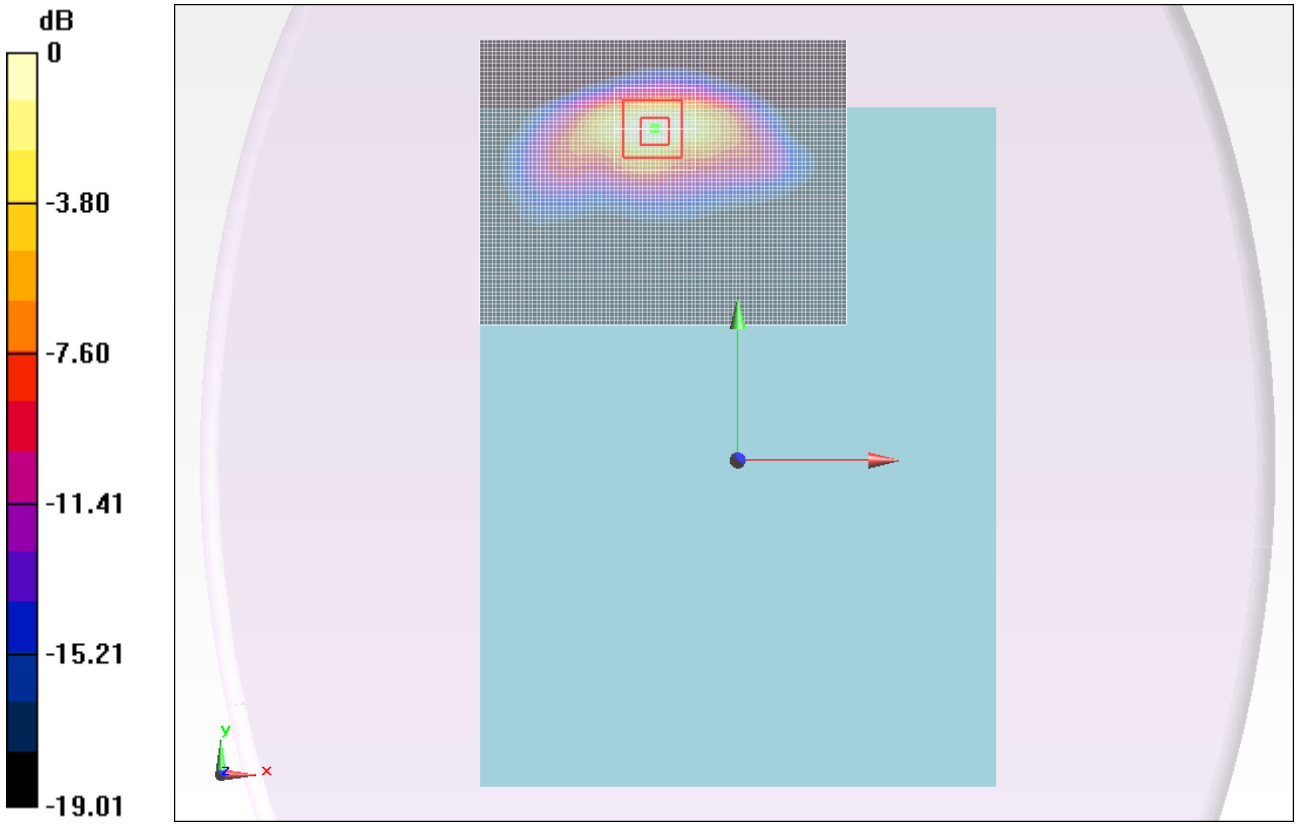
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/H-Ch_16QAM_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.268 mW/g

Rear_Prox Engaged_0mm/H-Ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.896 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.8840
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 1.262 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

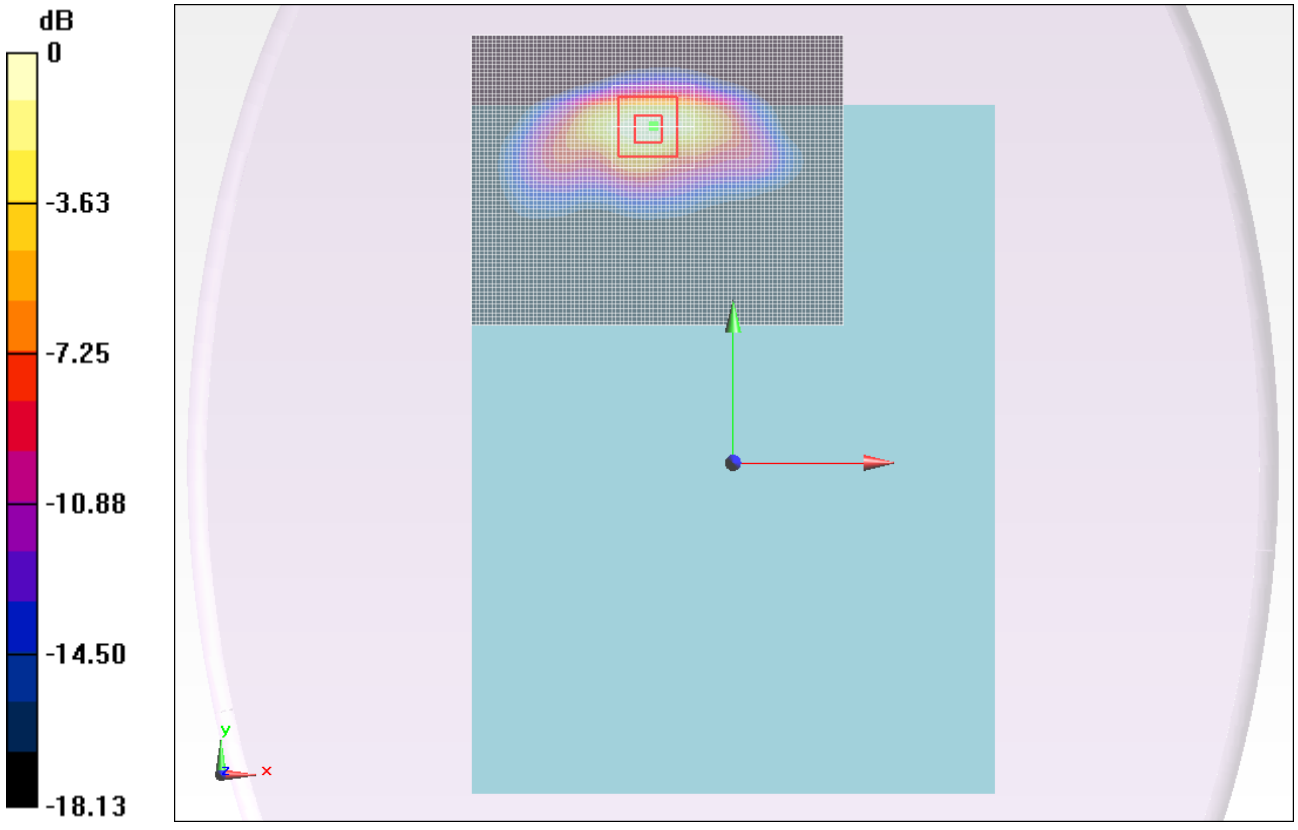
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Engaged_0mm/H-Ch_16QAM_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.364 mW/g

Rear_Prox Engaged_0mm/H-Ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 26.630 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.9910
SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 1.328 mW/g



0 dB = 1.330mW/g = 2.48 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

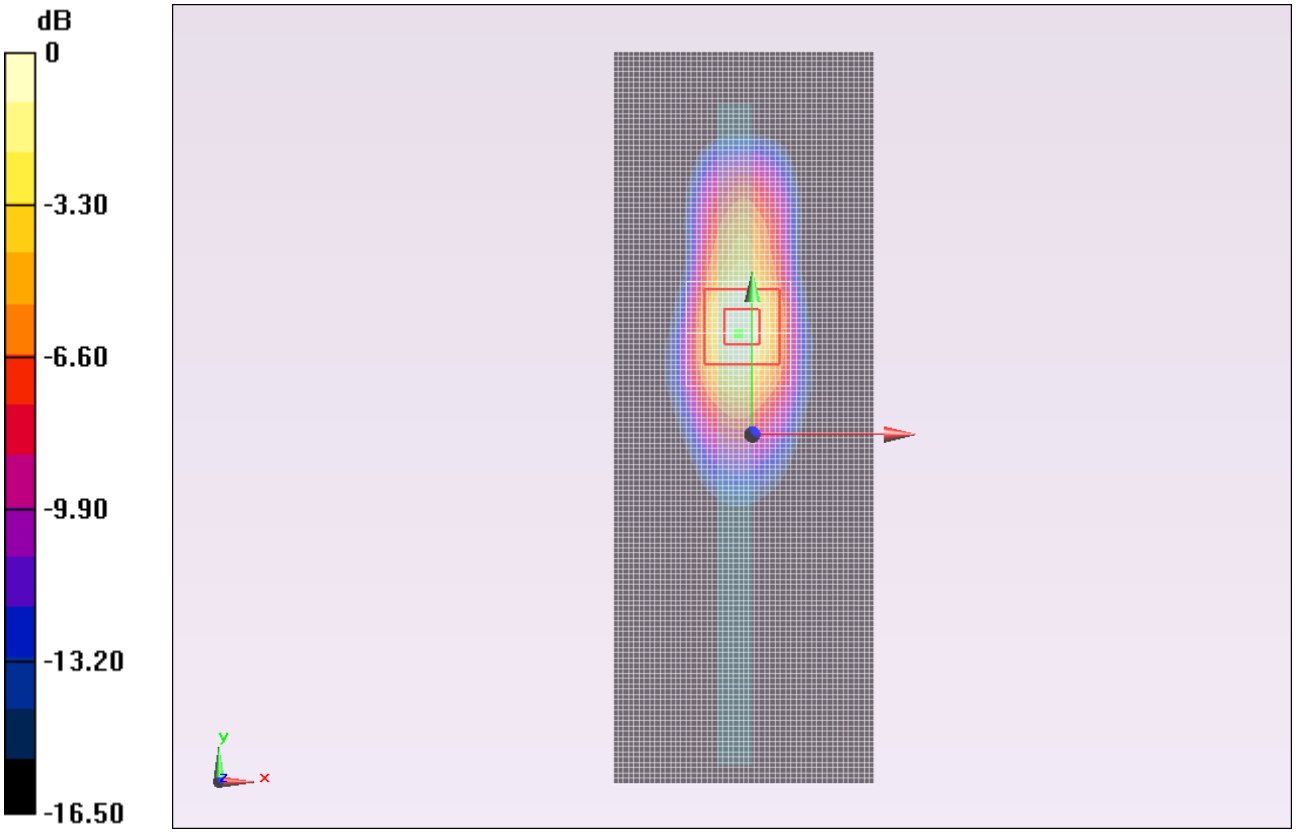
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/L ch_QPSK_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.303 mW/g

Top Edge_Prox Engaged_0mm/L ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.514 V/m; Power Drift = -0.0071 dB
Peak SAR (extrapolated) = 1.6820
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.417 mW/g
Maximum value of SAR (measured) = 1.212 mW/g



0 dB = 1.210mW/g = 1.66 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

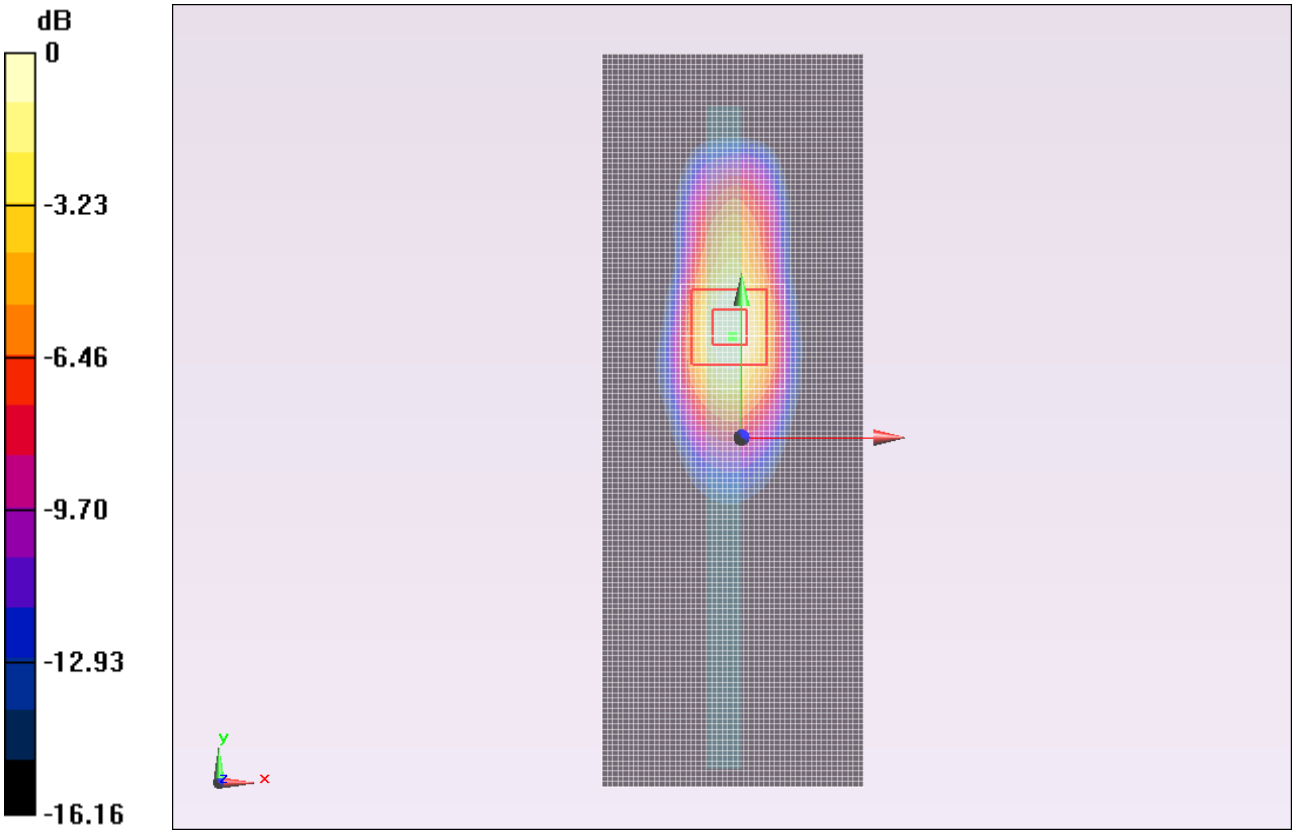
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/L ch_QPSK_RB1_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.999 mW/g

Top Edge_Prox Engaged_0mm/L ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 18.929 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.1730
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.294 mW/g
Maximum value of SAR (measured) = 0.841 mW/g



0 dB = 0.840mW/g = -1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

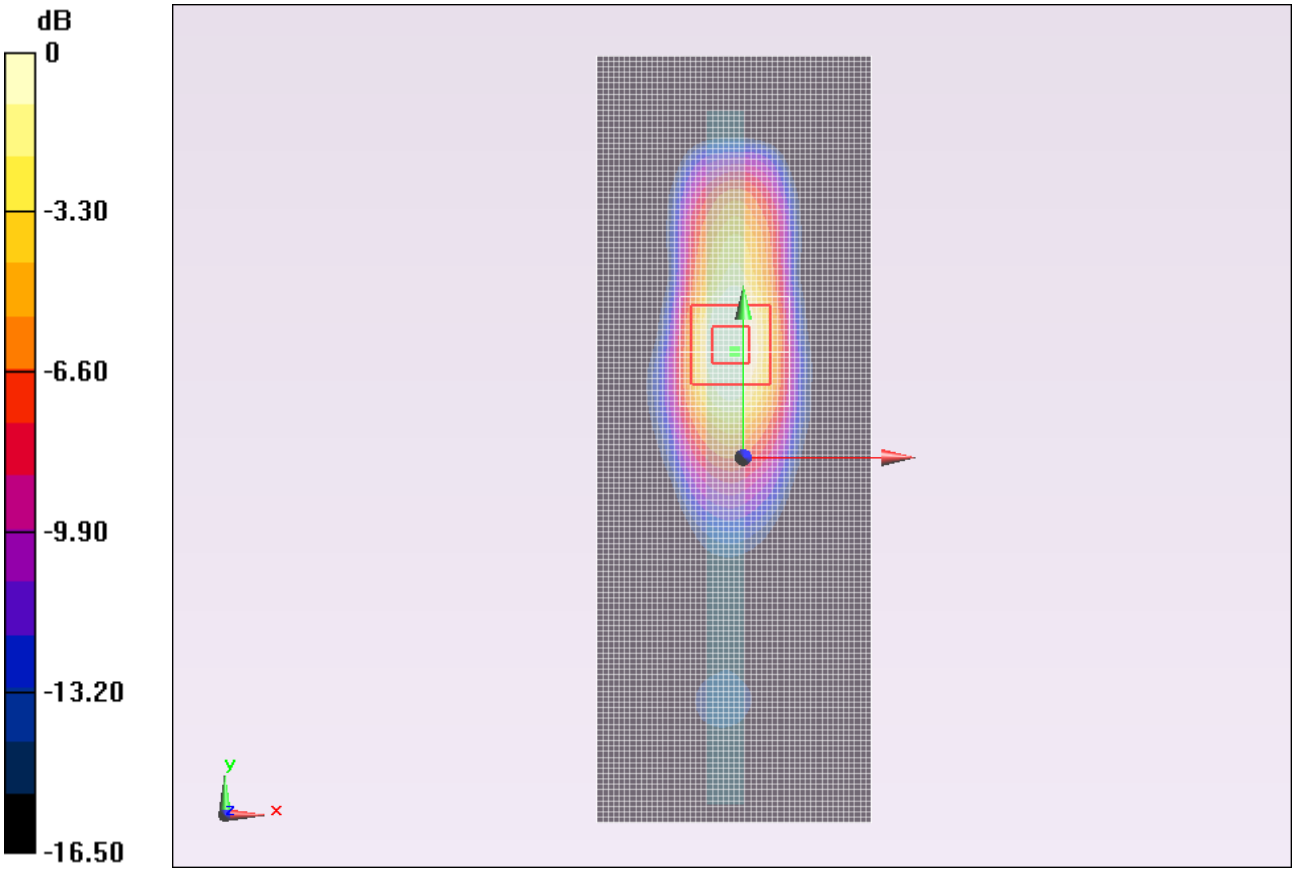
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/L ch_QPSK_RB1_RB99_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.687 mW/g

Top Edge_Prox Engaged_0mm/L ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.348 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.6460
SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 1.181 mW/g



0 dB = 1.180mW/g = 1.44 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

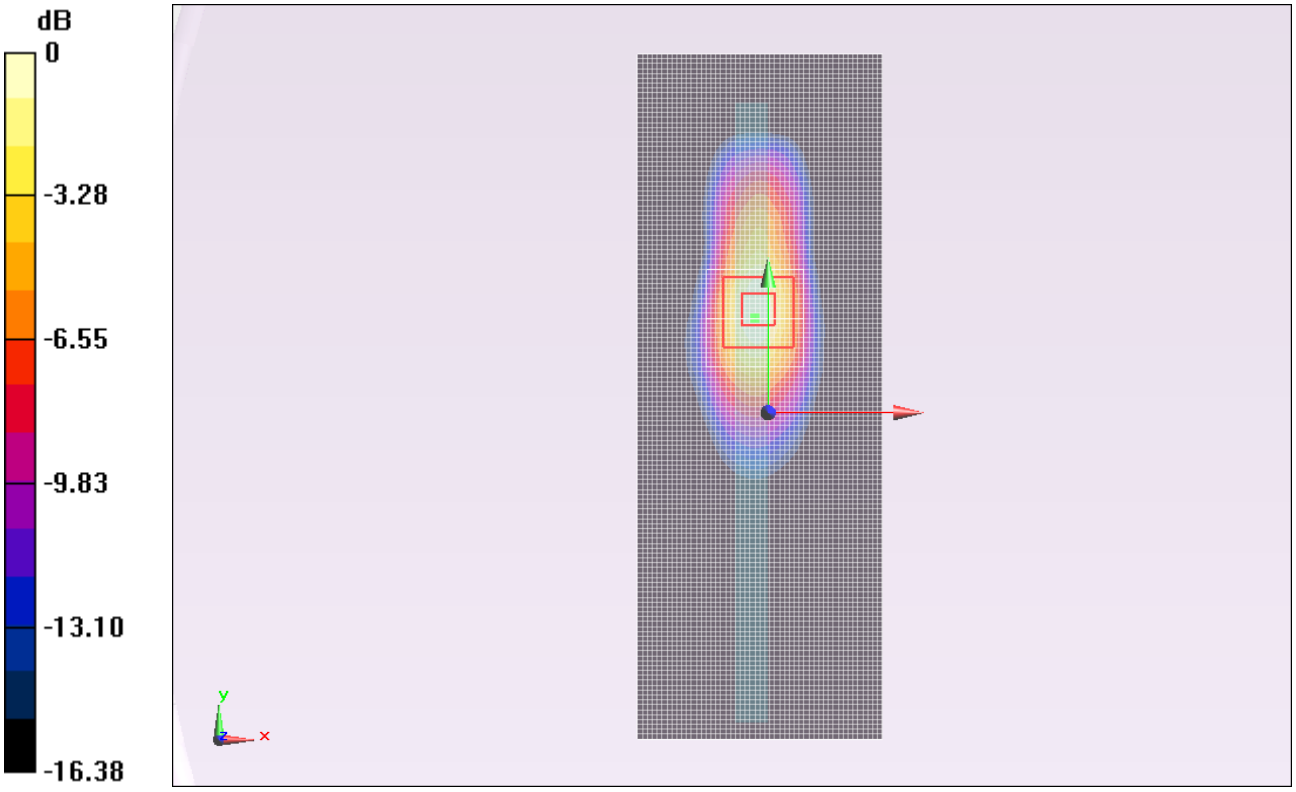
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/L ch_16QAM_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.257 mW/g

Top Edge_Prox Engaged_0mm/L ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.283 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.6560
SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 1.191 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

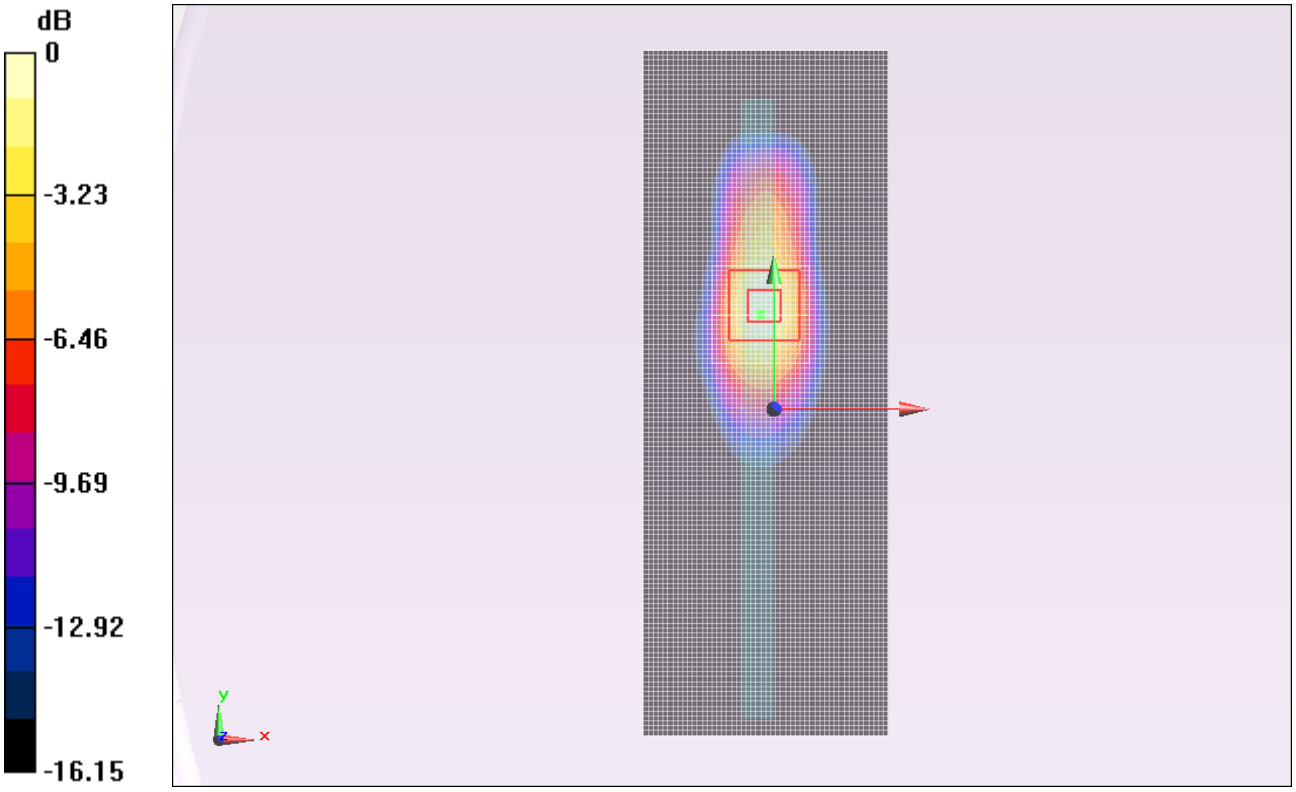
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/L ch_16QAM_RB1_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.940 mW/g

Top Edge_Prox Engaged_0mm/L ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 19.272 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.2270
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.886 mW/g



0 dB = 0.890mW/g = -1.01 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

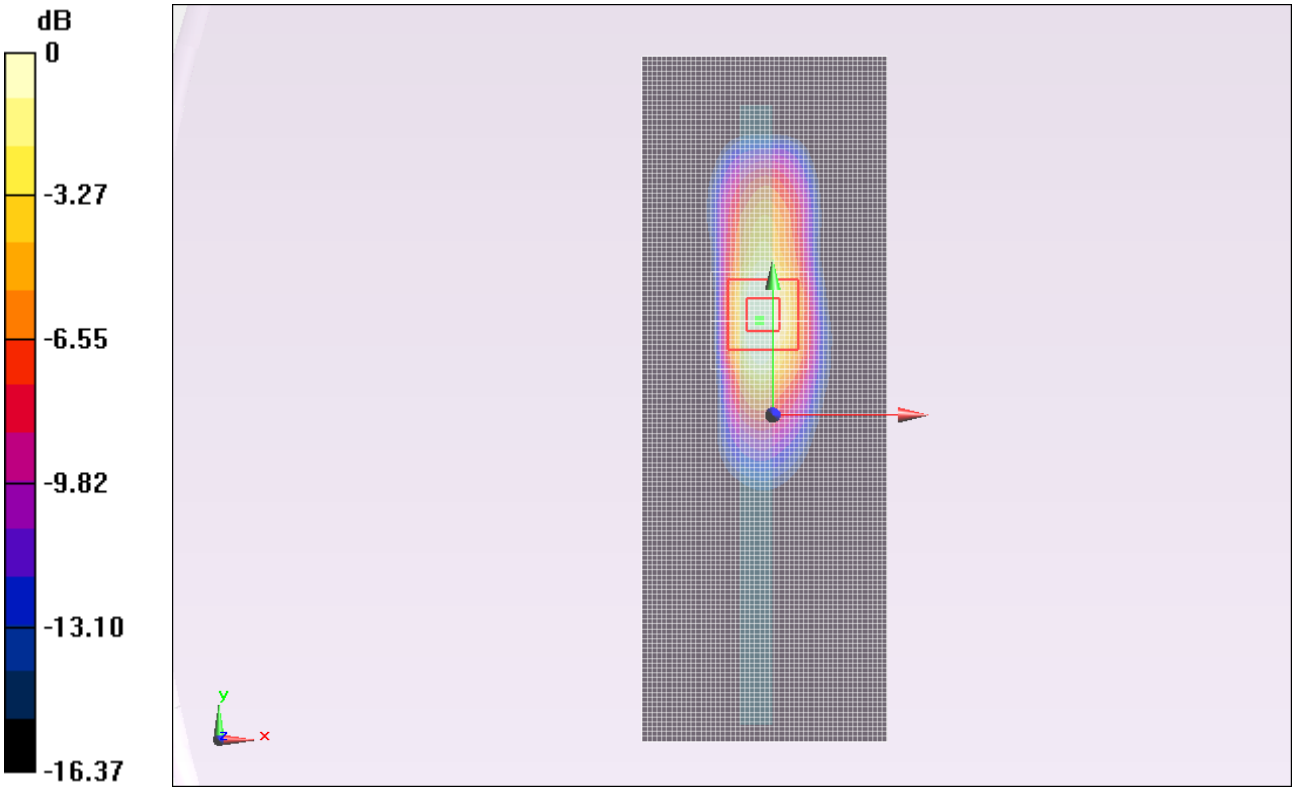
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.464 mho/m; ε_r = 51.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/L ch_16QAM_RB1_RB99_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.829 mW/g

Top Edge_Prox Engaged_0mm/L ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.678 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.7180
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 1.244 mW/g



0 dB = 1.240mW/g = 1.87 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

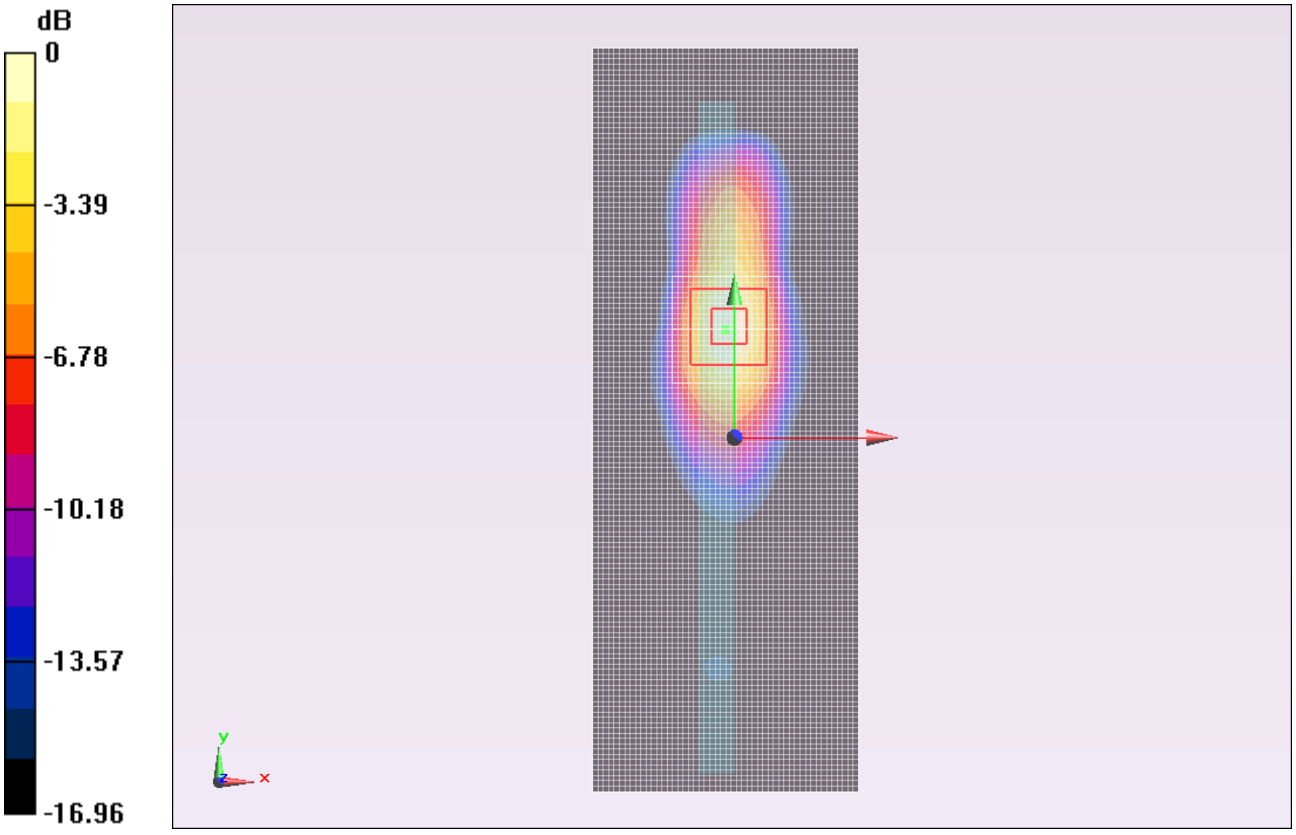
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/M ch_QPSK_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.373 mW/g

Top Edge_Prox Engaged_0mm/M ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.713 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.8080
SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.450 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.307 mW/g



0 dB = 1.310mW/g = 2.35 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

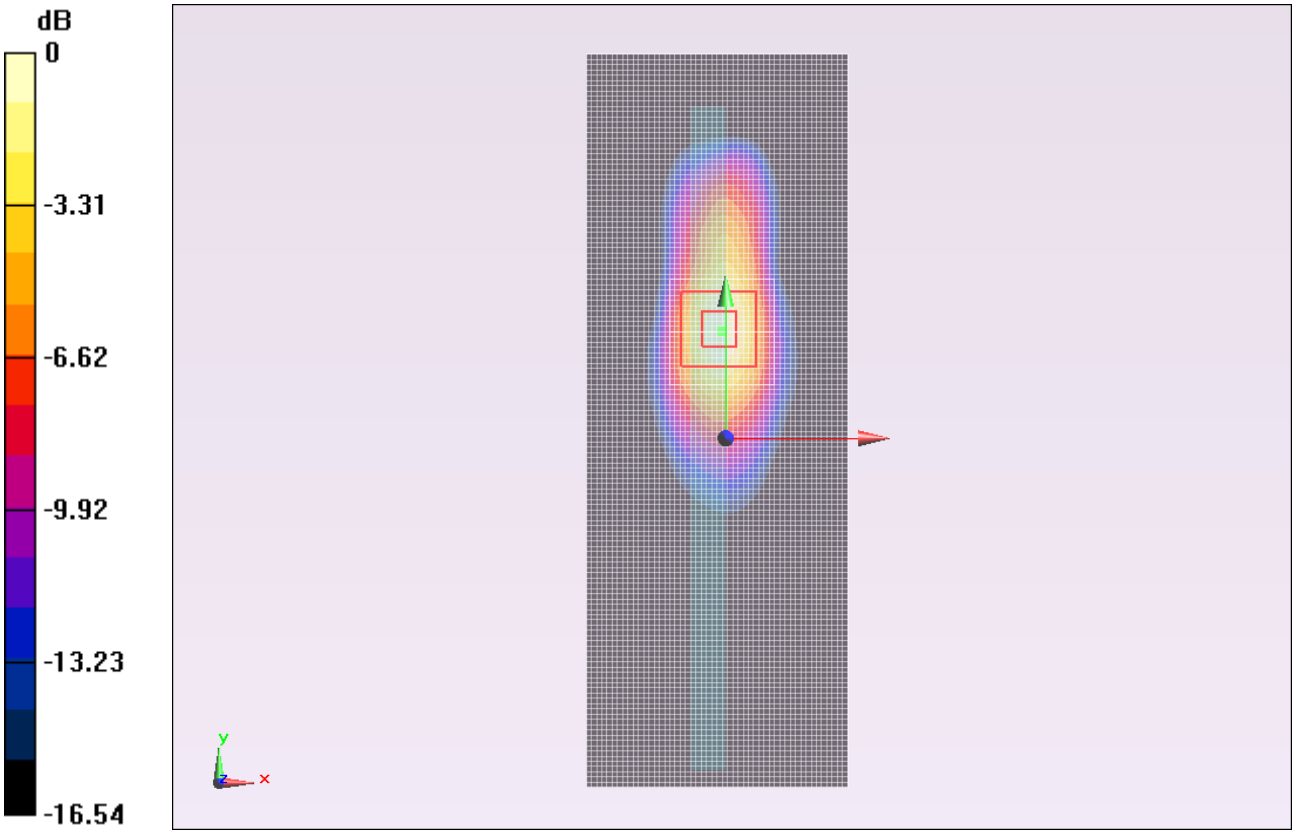
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/M ch_QPSK_RB1_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.122 mW/g

Top Edge_Prox Engaged_0mm/M ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.545 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.5020
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.376 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.091 mW/g



0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

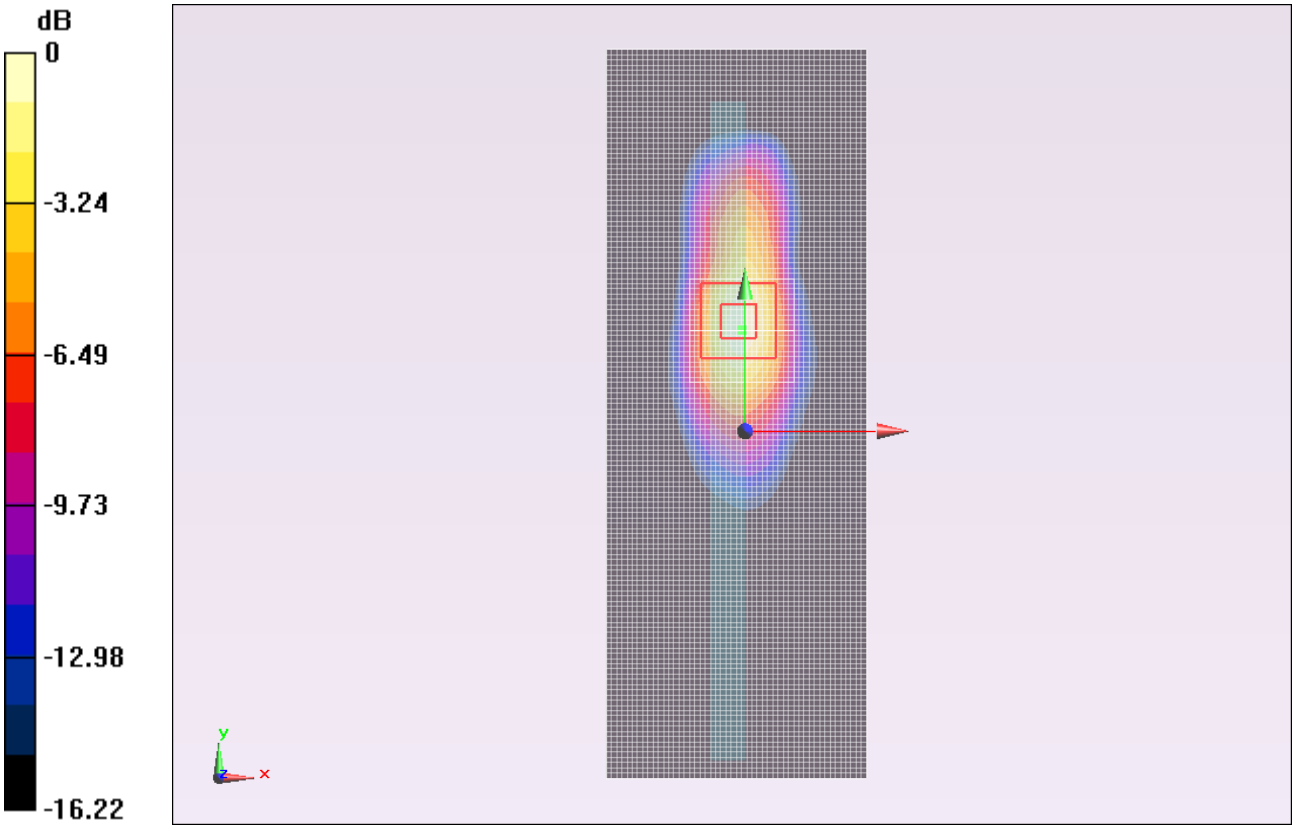
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/M ch_QPSK_RB1_RB99_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.868 mW/g

Top Edge_Prox Engaged_0mm/M ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 19.314 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.2220
SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.303 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.879 mW/g



0 dB = 0.880mW/g = -1.11 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

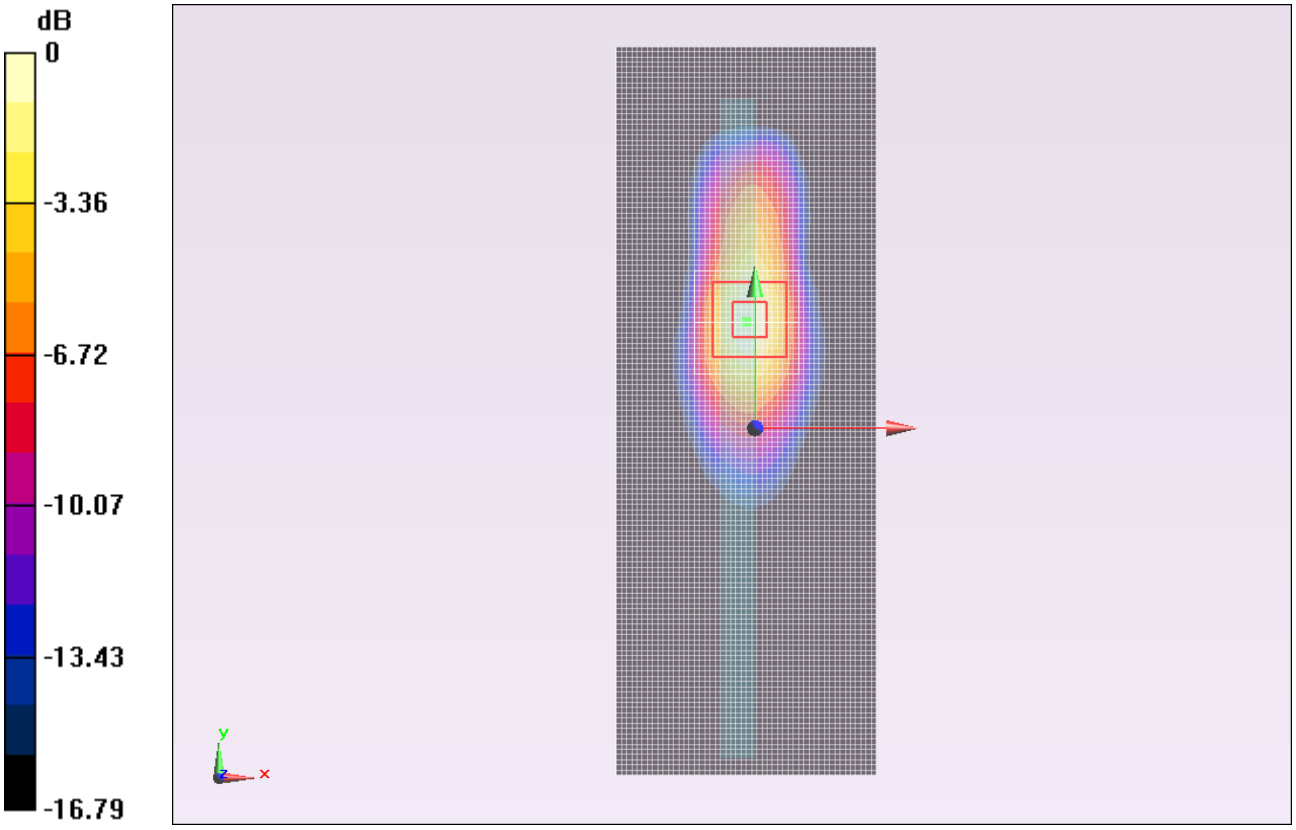
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/M ch_16QAM_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.316 mW/g

Top Edge_Prox Engaged_0mm/M ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.308 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.7690
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.441 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.278 mW/g



0 dB = 1.280mW/g = 2.14 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

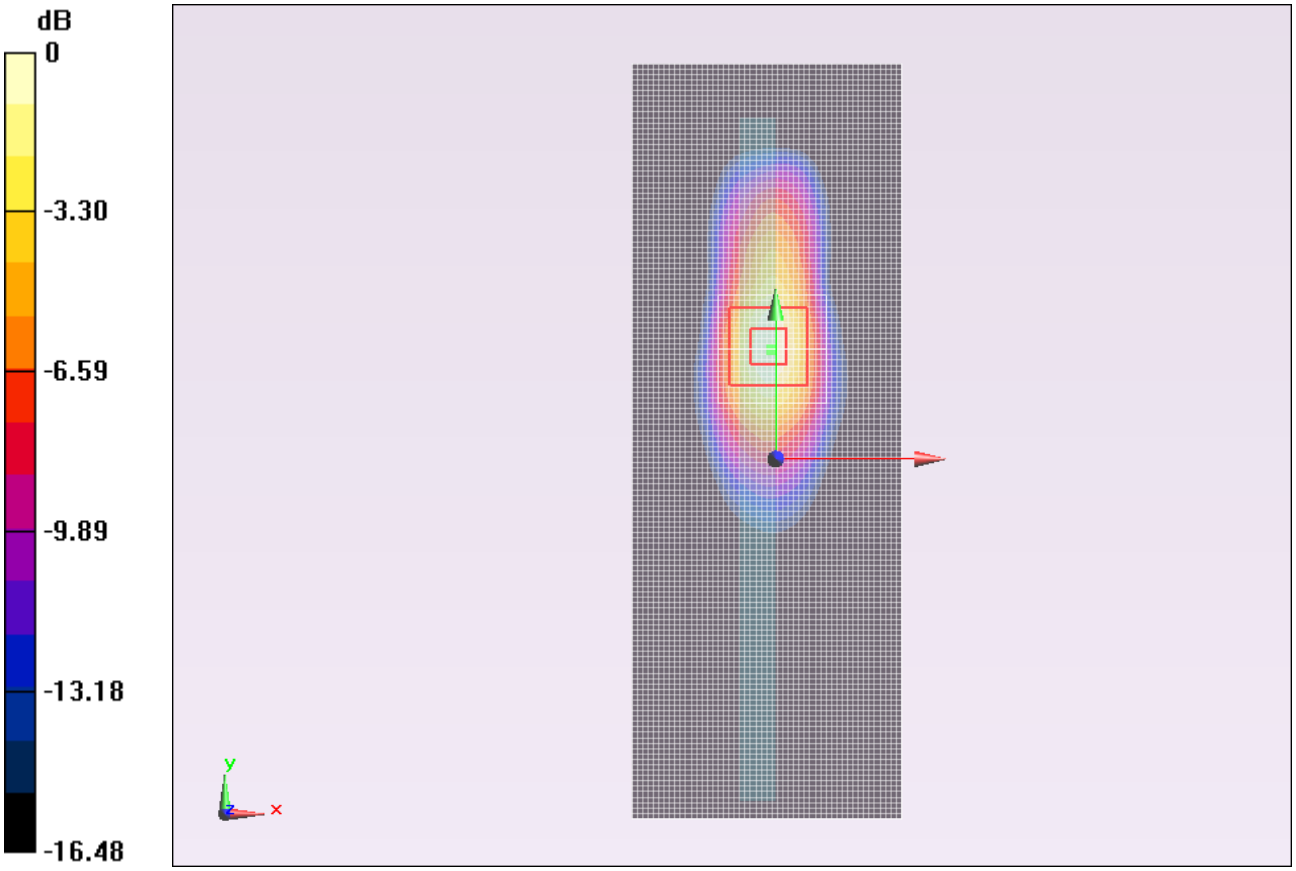
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/M ch_16QAM_RB1_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.190 mW/g

Top Edge_Prox Engaged_0mm/M ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.104 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.5630
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.393 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.140 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

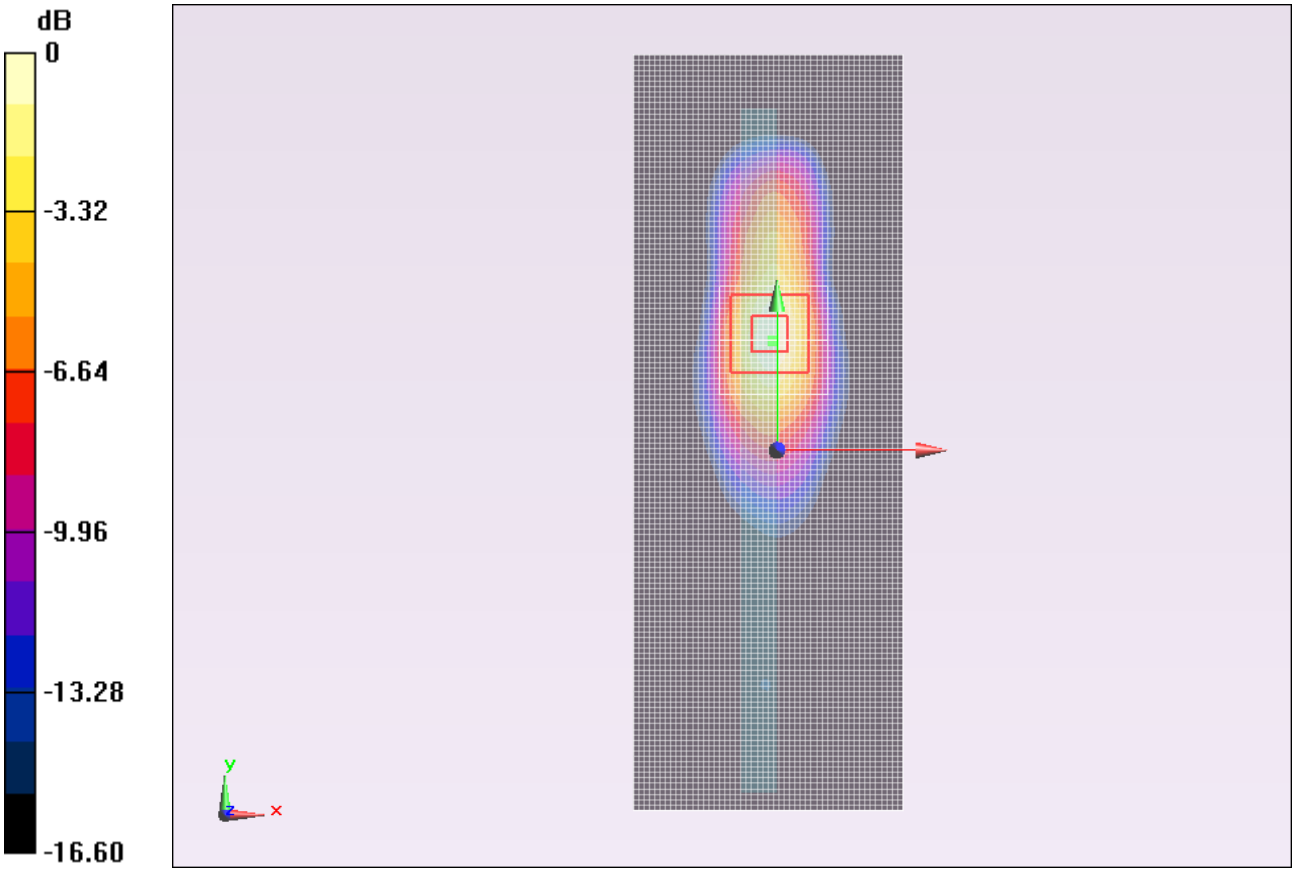
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.462 mho/m; ε_r = 51.643; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/M ch_16QAM_RB99_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.895 mW/g

Top Edge_Prox Engaged_0mm/M ch_16QAM_RB99_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 19.136 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.2430
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.309 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.891 mW/g



0 dB = 0.890mW/g = -1.01 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

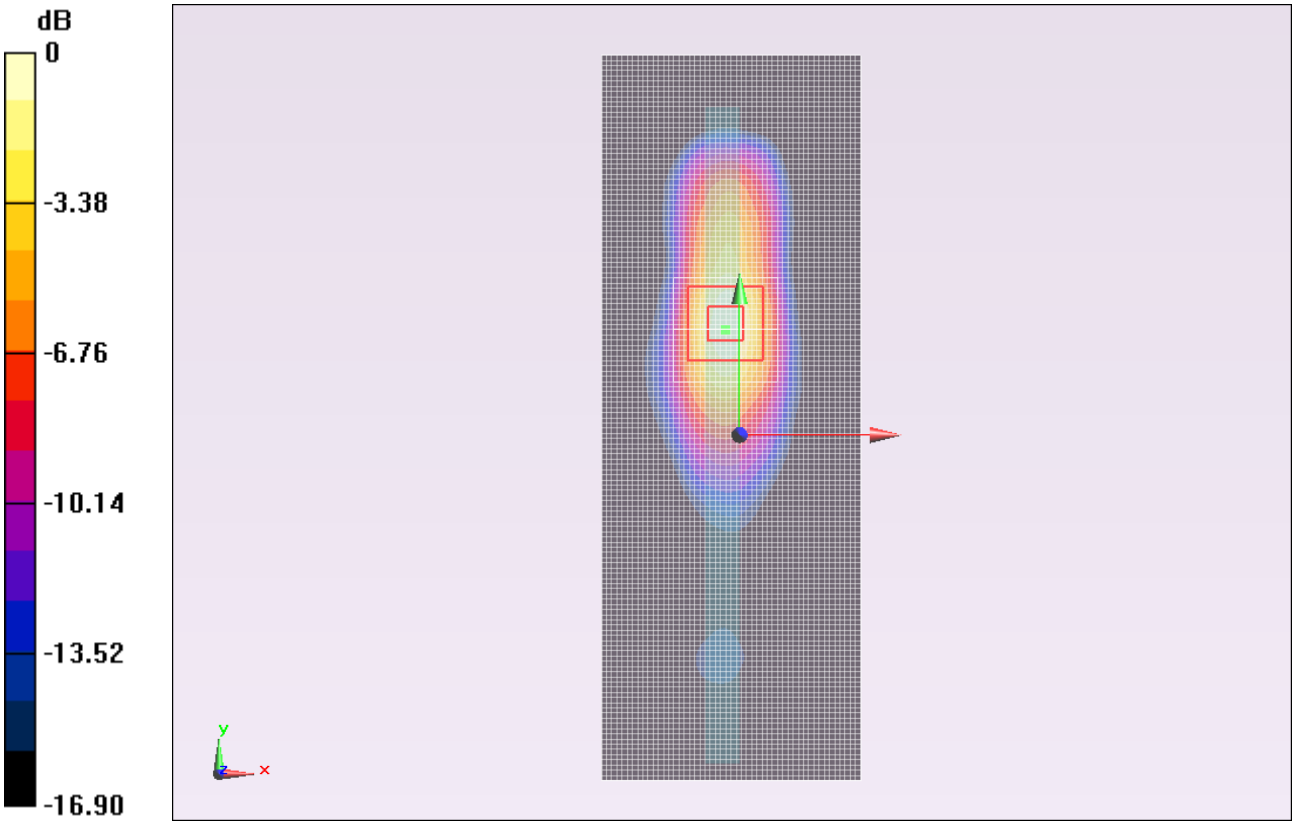
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/H ch_QPSK_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.060 mW/g

Top Edge_Prox Engaged_0mm/H ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.504 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.4500
SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 1.046 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

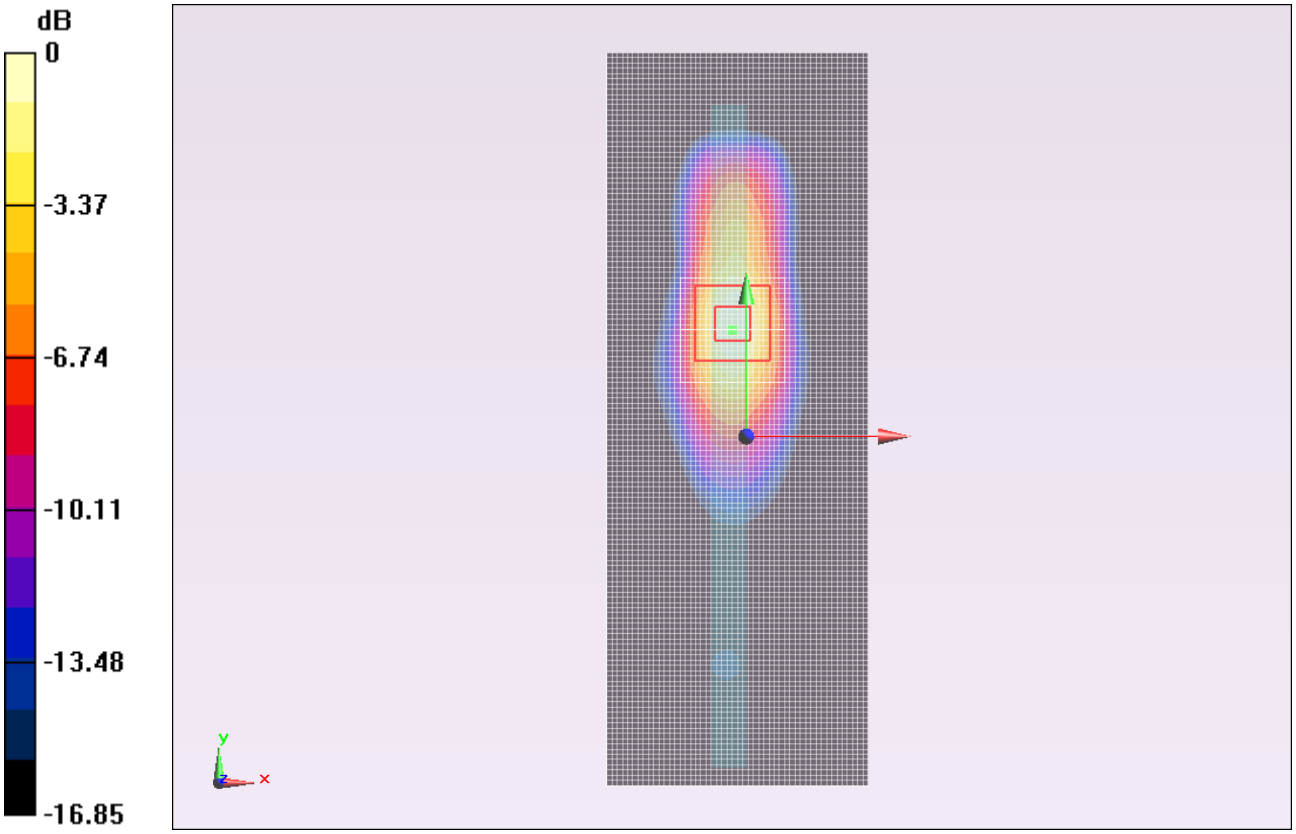
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/H ch_QPSK_RB1_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.997 mW/g

Top Edge_Prox Engaged_0mm/H ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.128 V/m; Power Drift = -0.0021 dB
Peak SAR (extrapolated) = 1.3590
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.333 mW/g
Maximum value of SAR (measured) = 0.981 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

LTE Band 4

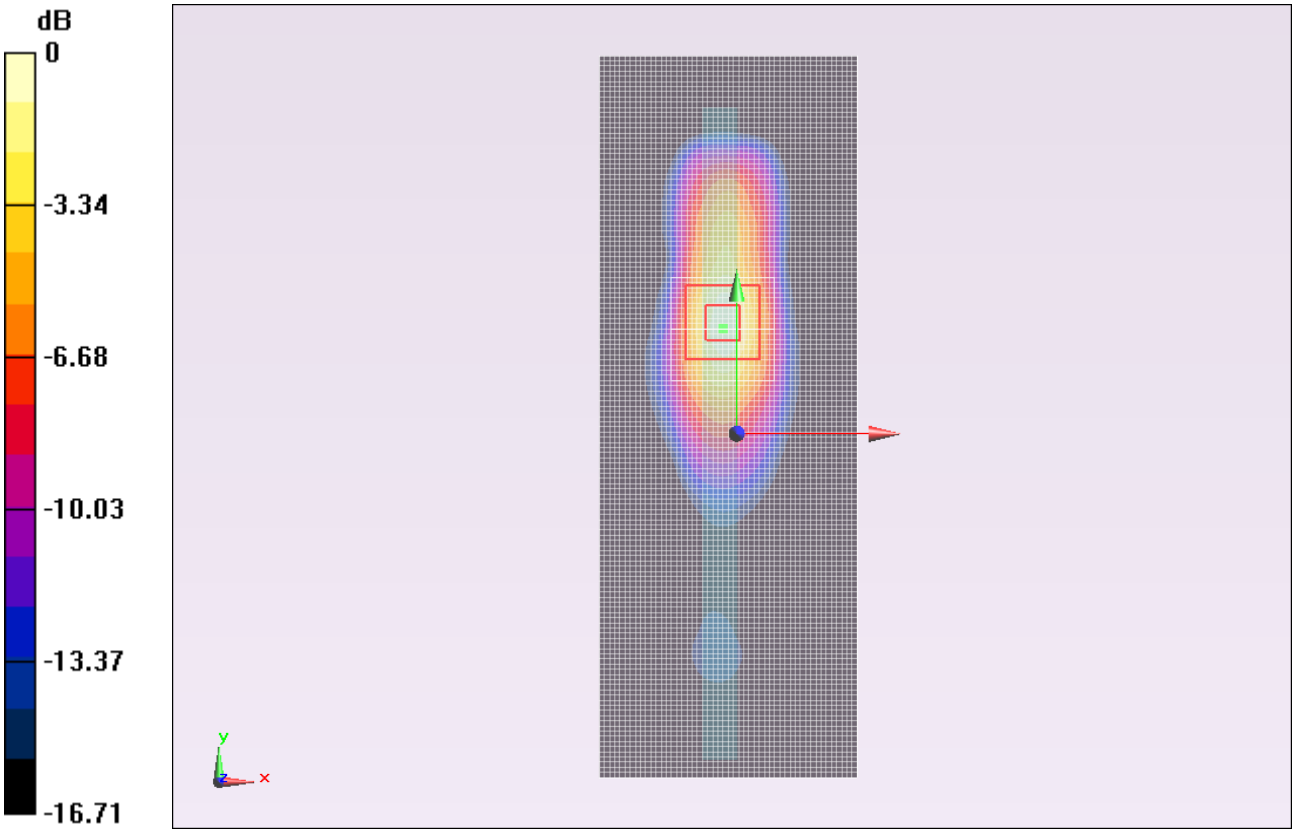
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/H ch_QPSK_RB1_RB99_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.889 mW/g

Top Edge_Prox Engaged_0mm/H ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 20.301 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.2810
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.919 mW/g



0 dB = 0.920mW/g = -0.72 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

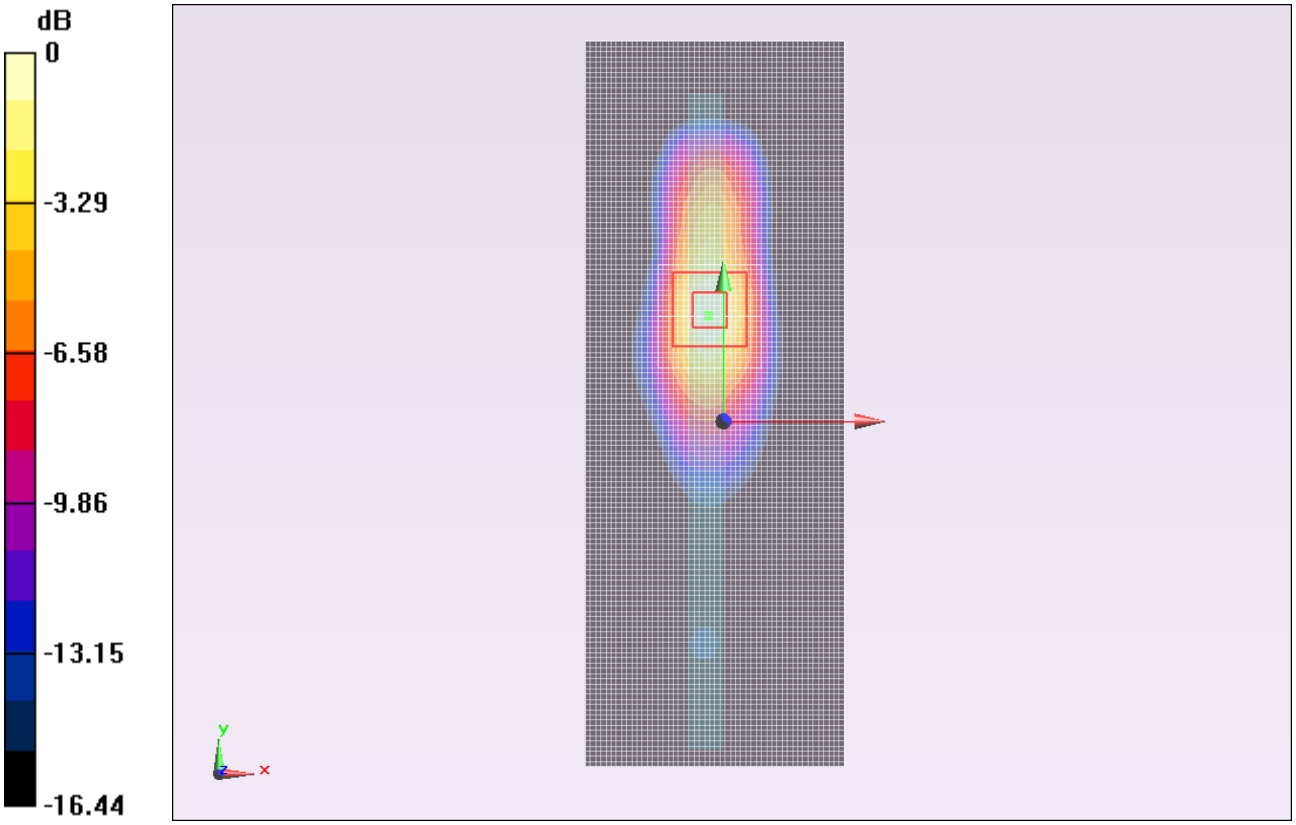
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/H ch_16QAM_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.039 mW/g

Top Edge_Prox Engaged_0mm/H ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.570 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.4480
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 1.044 mW/g



0 dB = 1.040mW/g = 0.34 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

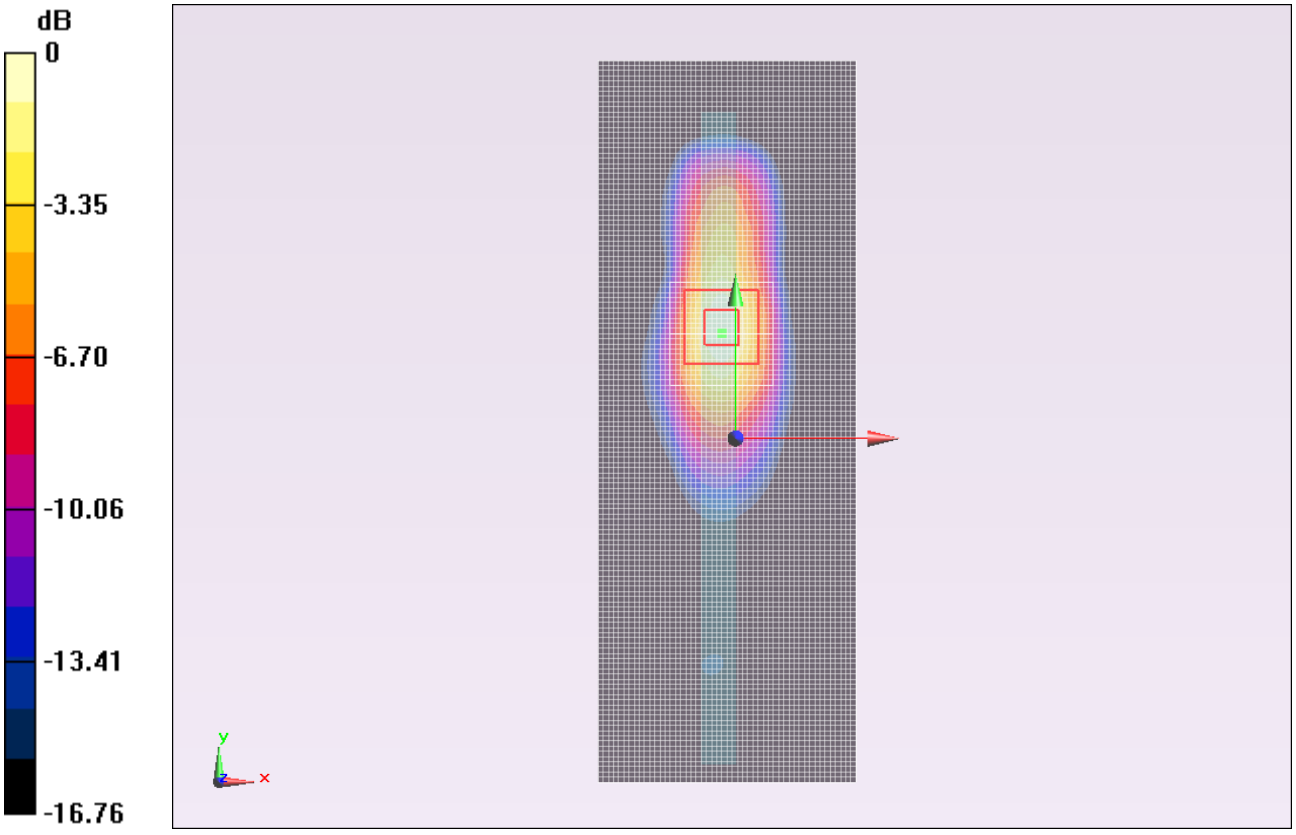
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/H ch_16QAM_RB1_RB0_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.054 mW/g

Top Edge_Prox Engaged_0mm/H ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.814 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.4420
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 1.043 mW/g



0 dB = 1.040mW/g = 0.34 dB mW/g

LTE Band 4

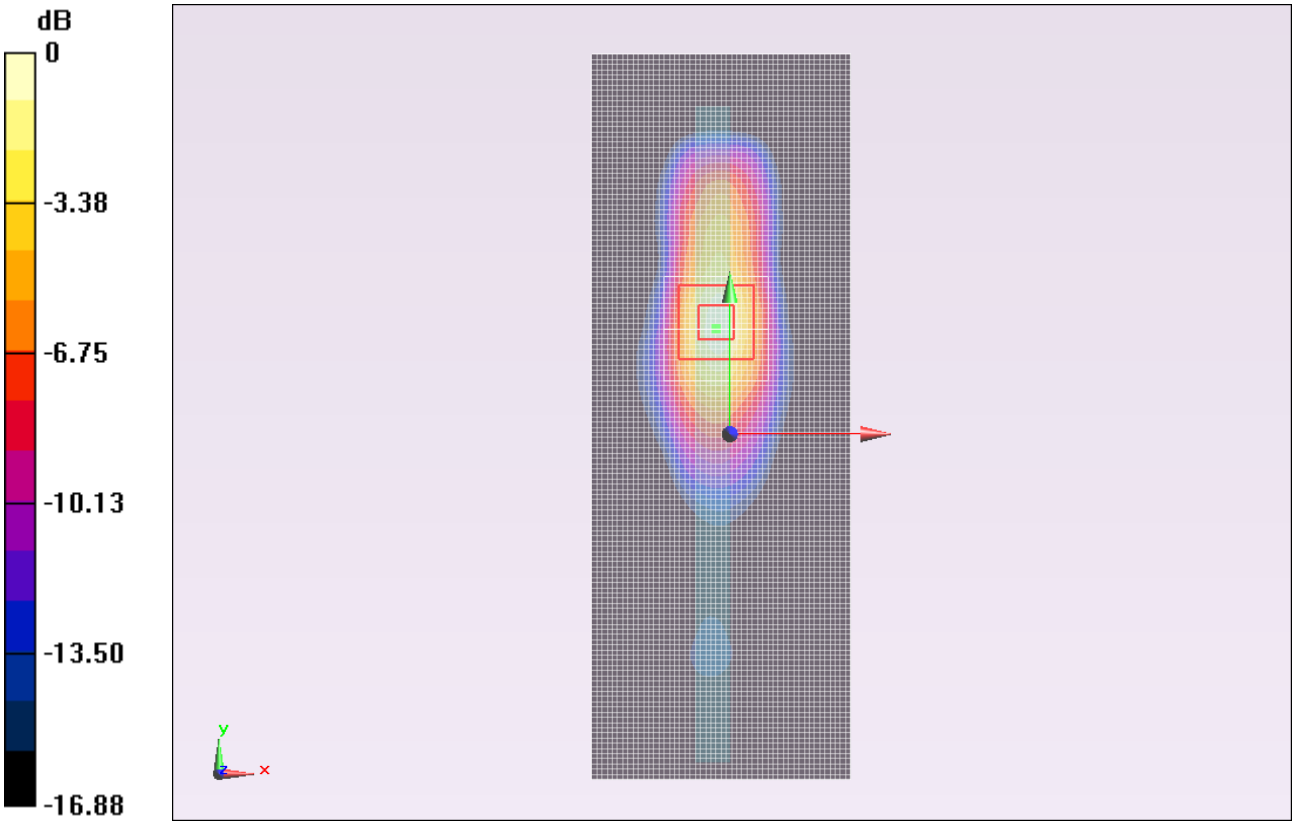
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Engaged_0mm/H ch_16QAM_RB1_RB99_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.923 mW/g

Top Edge_Prox Engaged_0mm/H ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.112 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.3790
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.337 mW/g
Maximum value of SAR (measured) = 0.995 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 8:58:42 PM

LTE Band 4

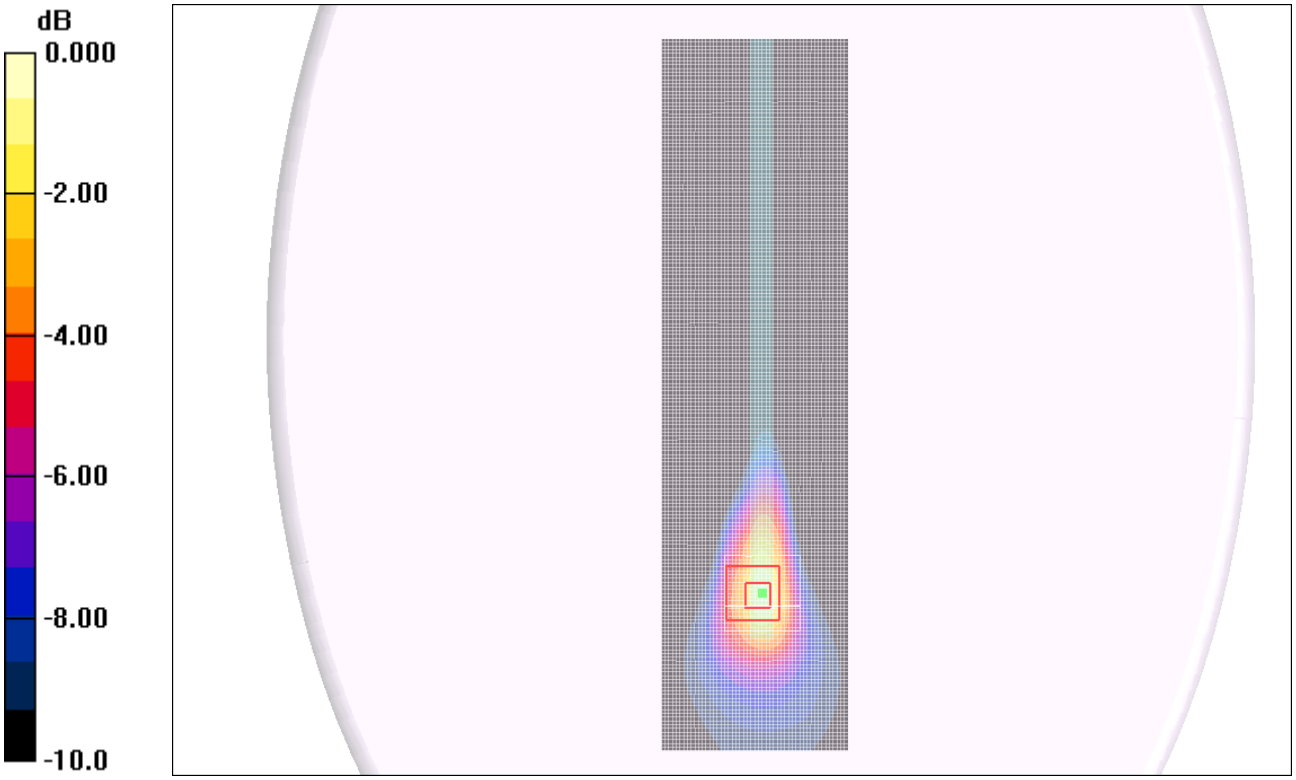
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Right Edge_M Ch_QPSK_RB50_RB24/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.469 mW/g

Right Edge_M Ch_QPSK_RB50_RB24/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.9 V/m; Power Drift = 0.155 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.180 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.533 mW/g



0 dB = 0.533mW/g

LTE Band 4

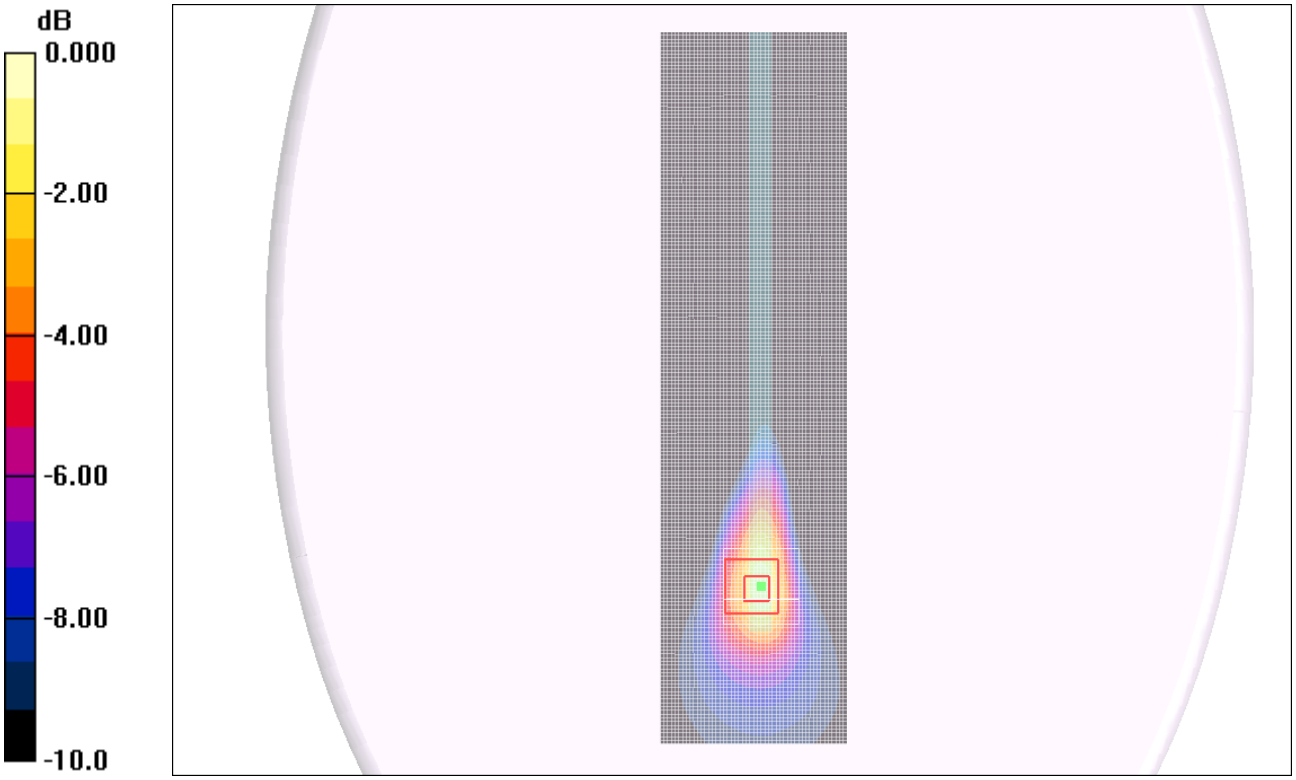
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Right Edge_M Ch_QPSK_RB1_RB0/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.576 mW/g

Right Edge_M Ch_QPSK_RB1_RB0/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 16.7 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.225 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.665 mW/g



0 dB = 0.665mW/g

LTE Band 4

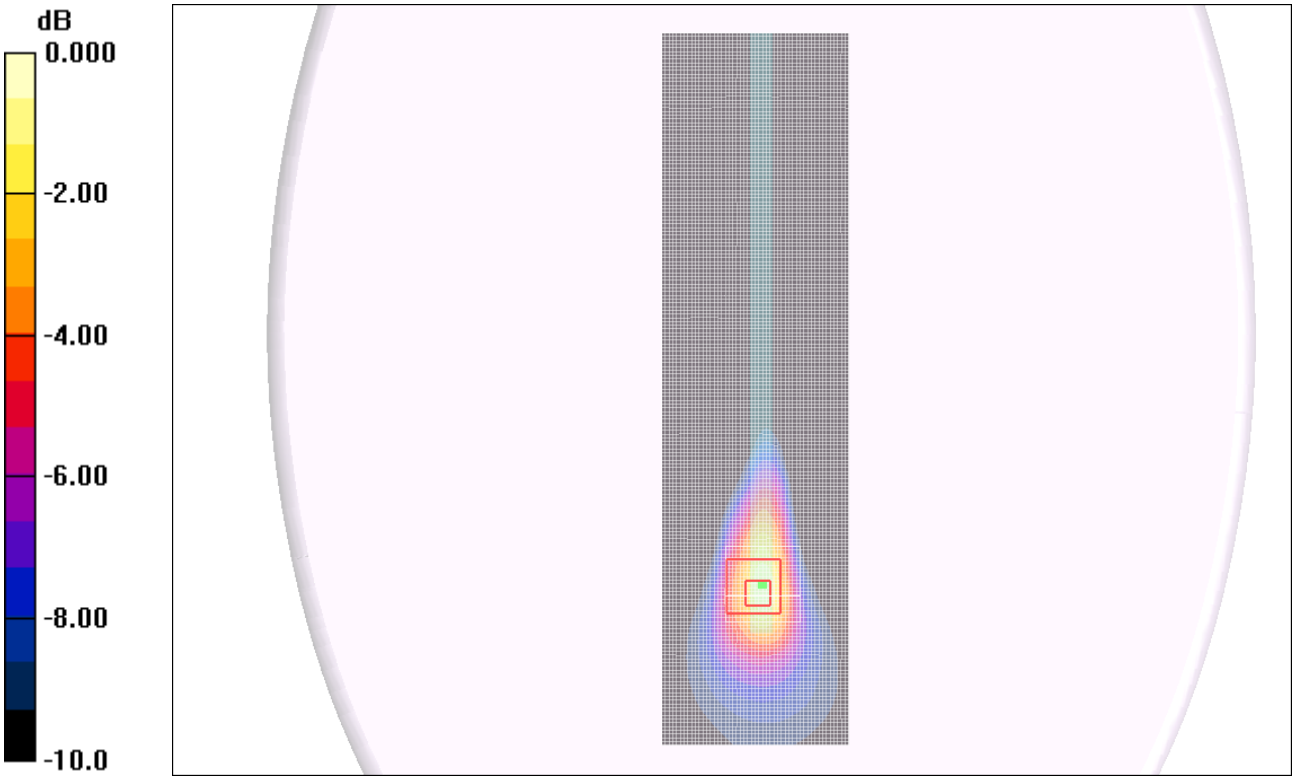
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Right Edge_M Ch_QPSK_RB1_RB99/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.597 mW/g

Right Edge_M Ch_QPSK_RB1_RB99/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 16.9 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.232 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.691mW/g

LTE Band 4

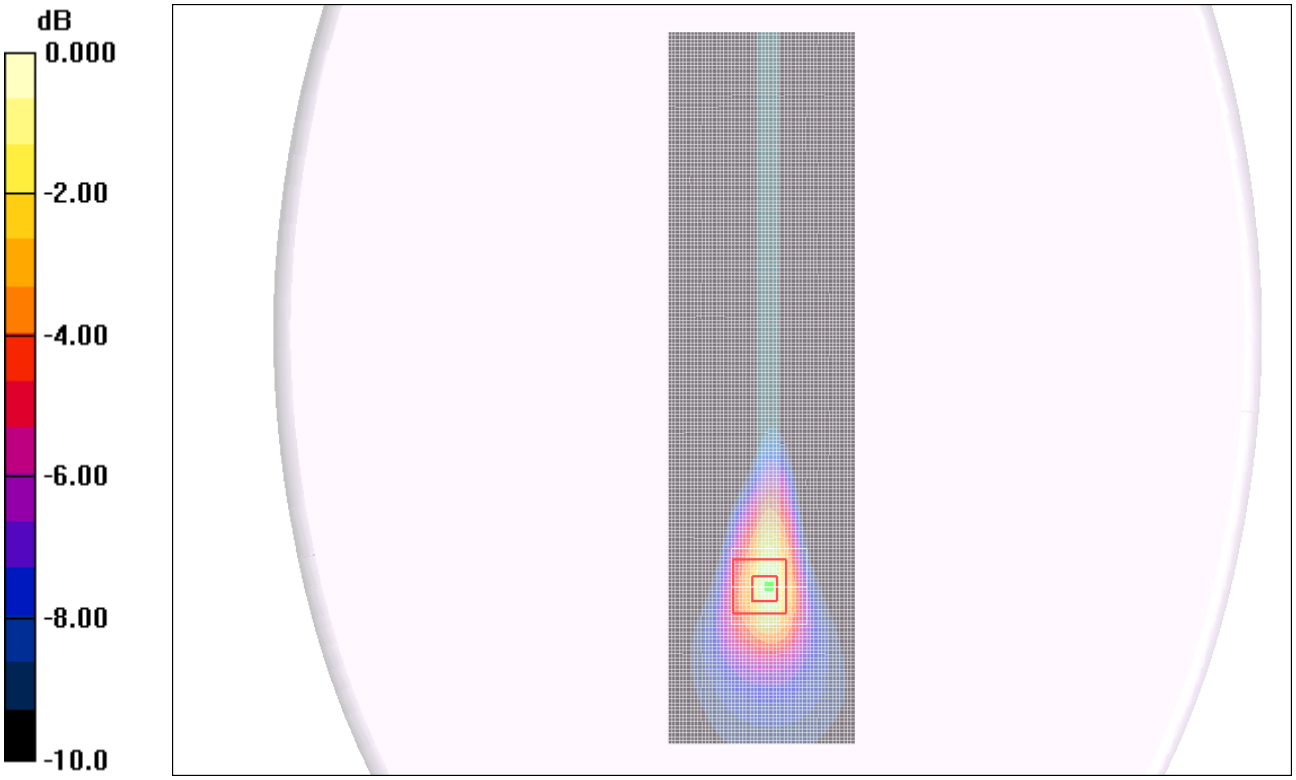
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Right Edge_M Ch_16QAM_RB50_RB24/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.378 mW/g

Right Edge_M Ch_16QAM_RB50_RB24/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.5 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.146 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.437 mW/g



0 dB = 0.437mW/g

LTE Band 4

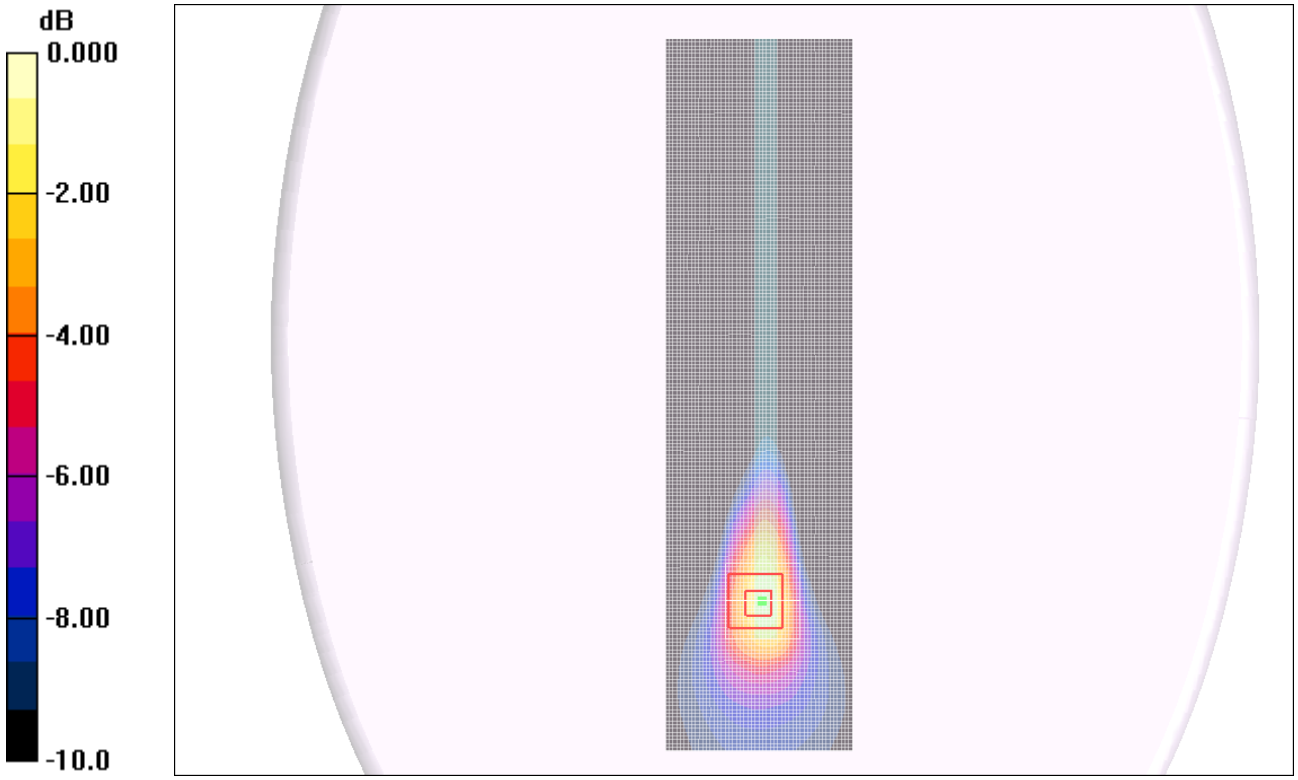
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 51; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Right Edge_M Ch_16QAM_RB1_RB0/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.465 mW/g

Right Edge_M Ch_16QAM_RB1_RB0/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.2 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.182 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.538 mW/g



0 dB = 0.538mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/28/2012 12:14:01 PM

LTE Band 4

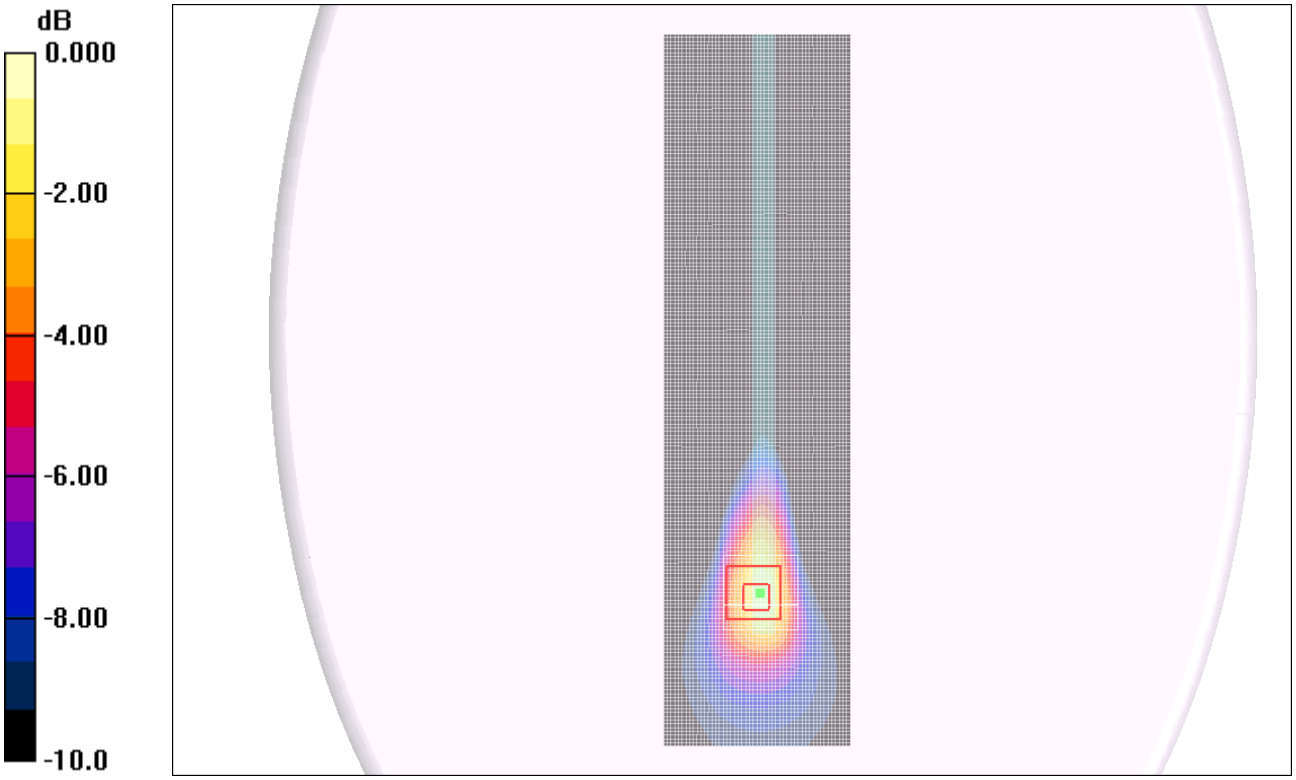
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 51; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Right Edge_M Ch_16QAM_RB1_RB99/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.495 mW/g

Right Edge_M Ch_16QAM_RB1_RB99/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.4 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 0.937 W/kg
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.192 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.584 mW/g



0 dB = 0.584mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

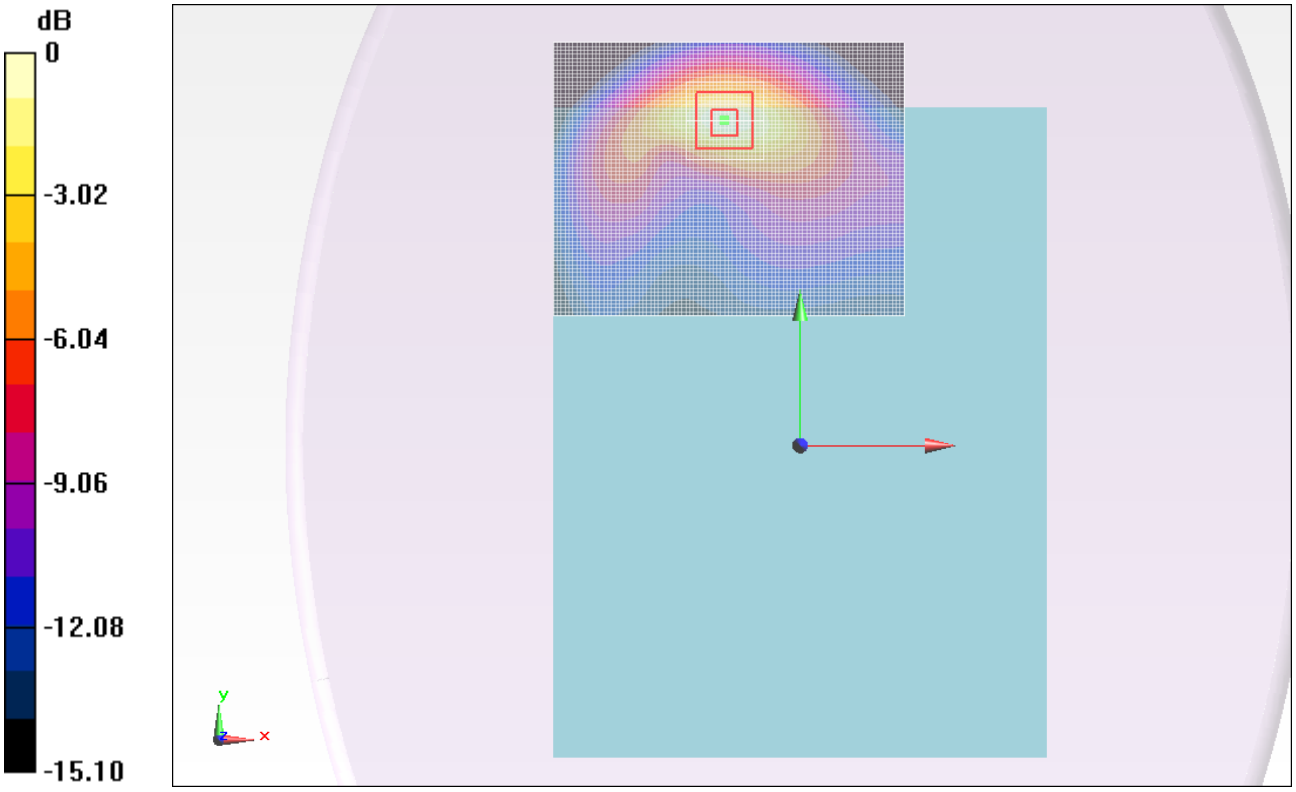
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/L-Ch_QPSK_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.840 mW/g

Rear_Prox Off_11mm/L-Ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 24.980 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.1550
SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.400 mW/g
Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

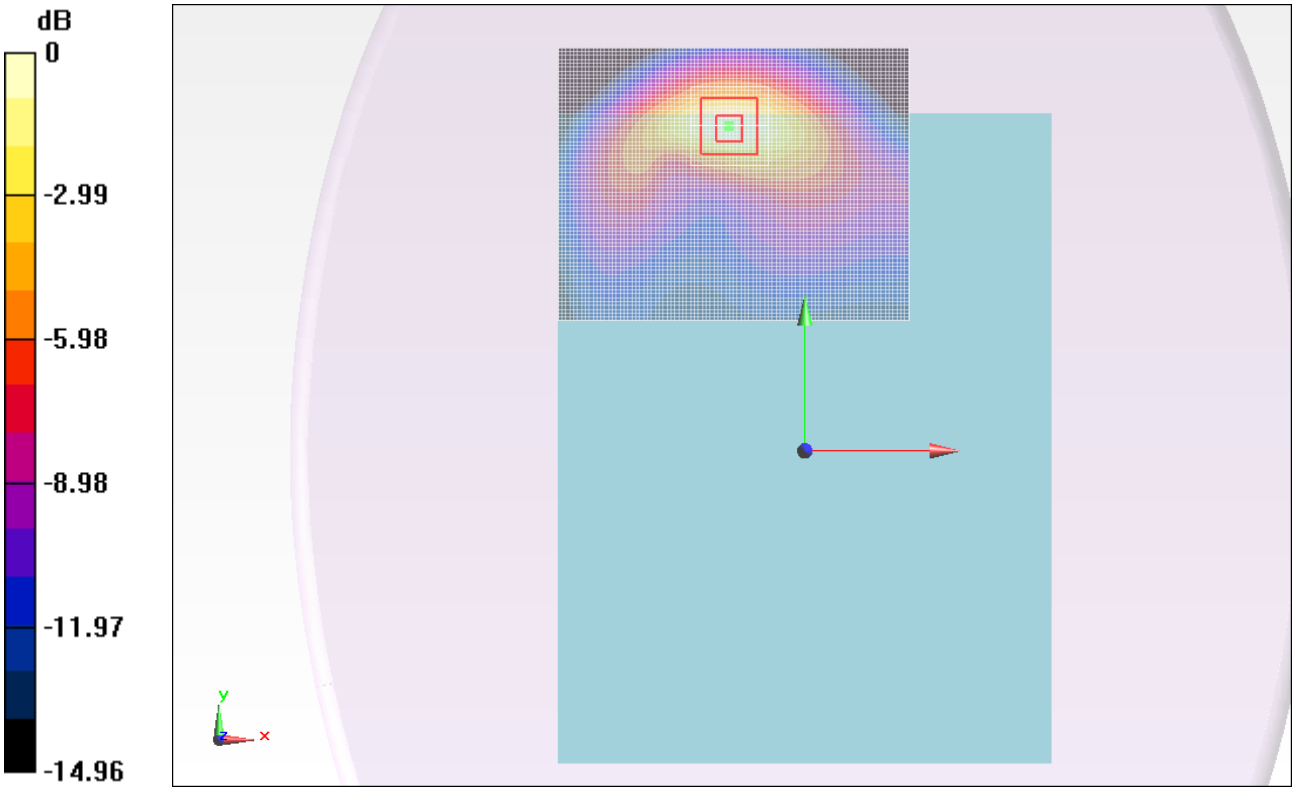
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/L-Ch_QPSK_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.164 mW/g

Rear_Prox Off_11mm/L-Ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.168 V/m; Power Drift = -0.0021 dB
Peak SAR (extrapolated) = 1.4750
SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.510 mW/g
Maximum value of SAR (measured) = 1.161 mW/g



0 dB = 1.160mW/g = 1.29 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

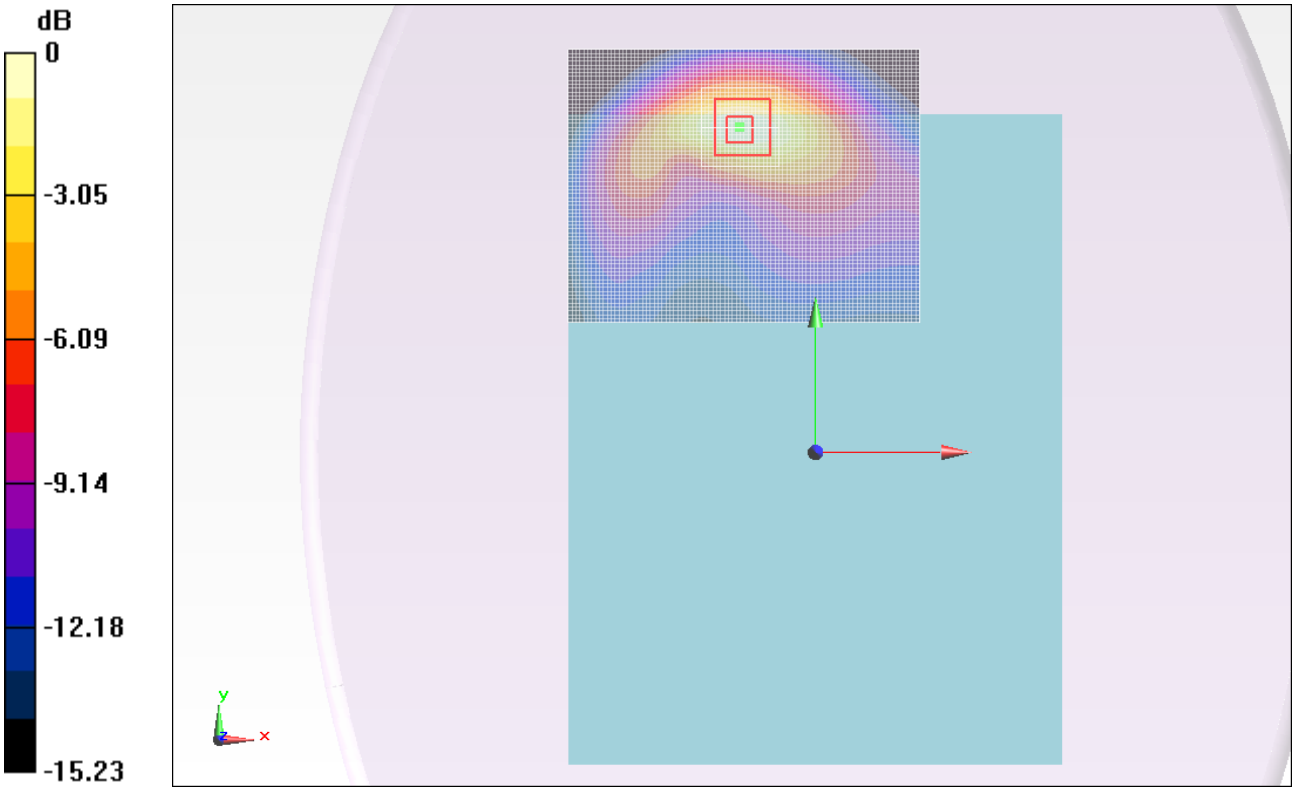
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/L-Ch_QPSK_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.203 mW/g

Rear_Prox Off_11mm/L-Ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.347 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.5160
SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 1.192 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

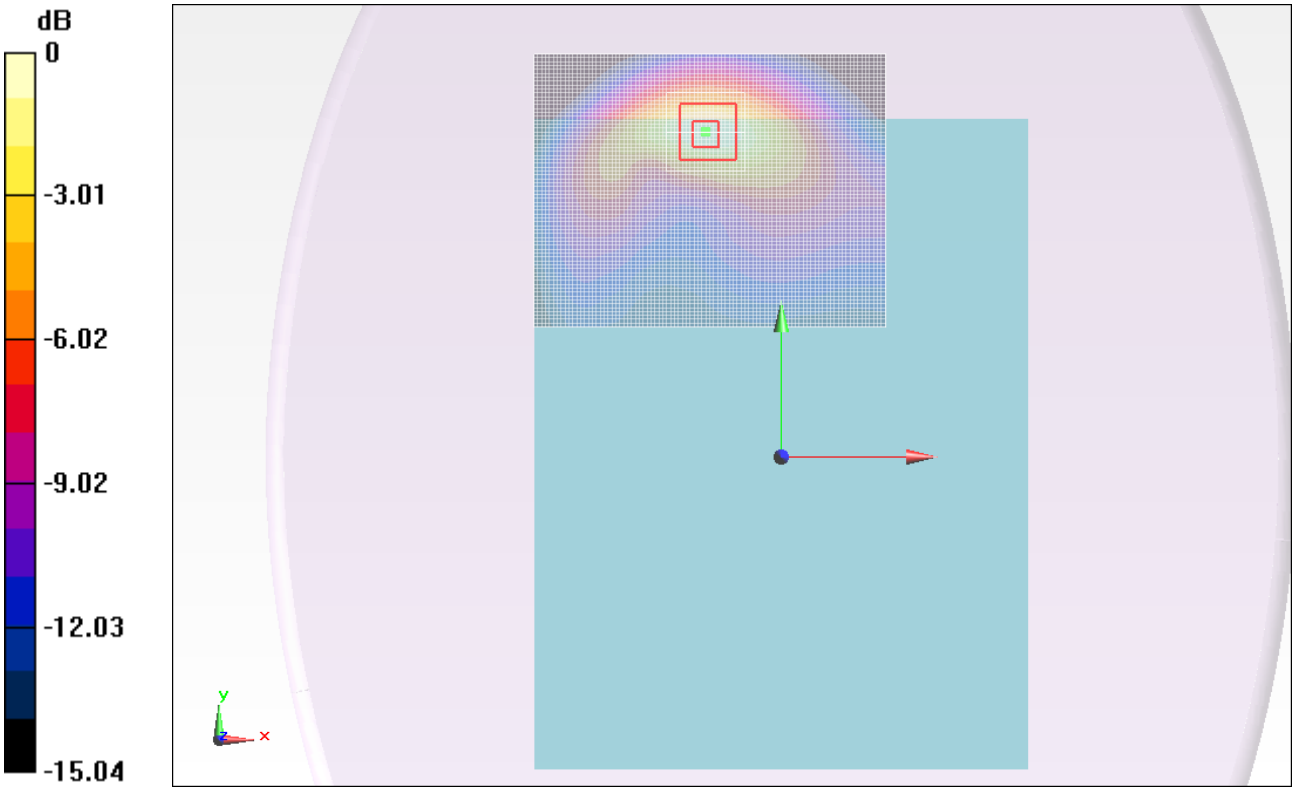
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/L-Ch_16QAM_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.745 mW/g

Rear_Prox Off_11mm/L-Ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.226 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.9500
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.740mW/g = -2.62 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

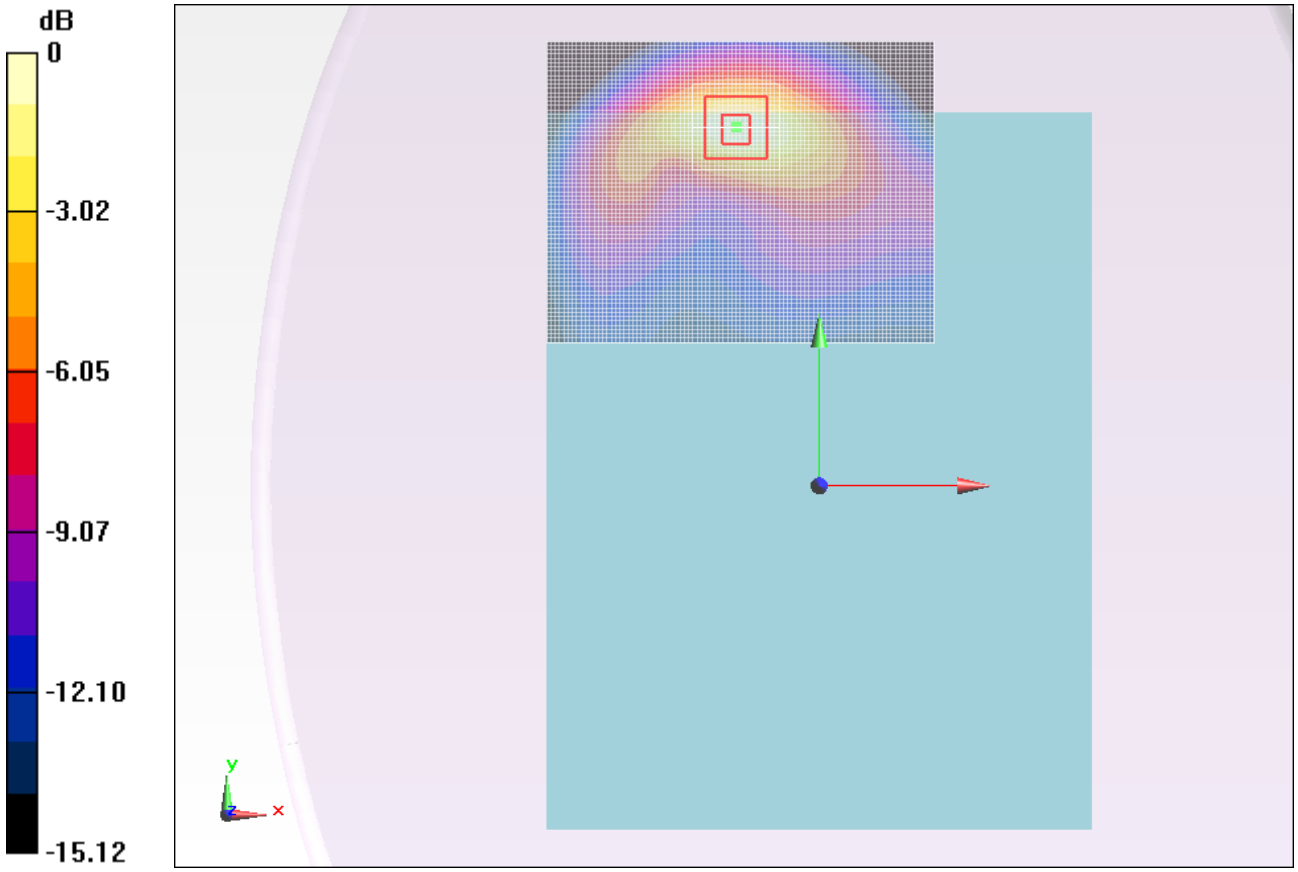
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/L-Ch_16QAM_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.975 mW/g

Rear_Prox Off_11mm/L-Ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.906 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.2430
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.984 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

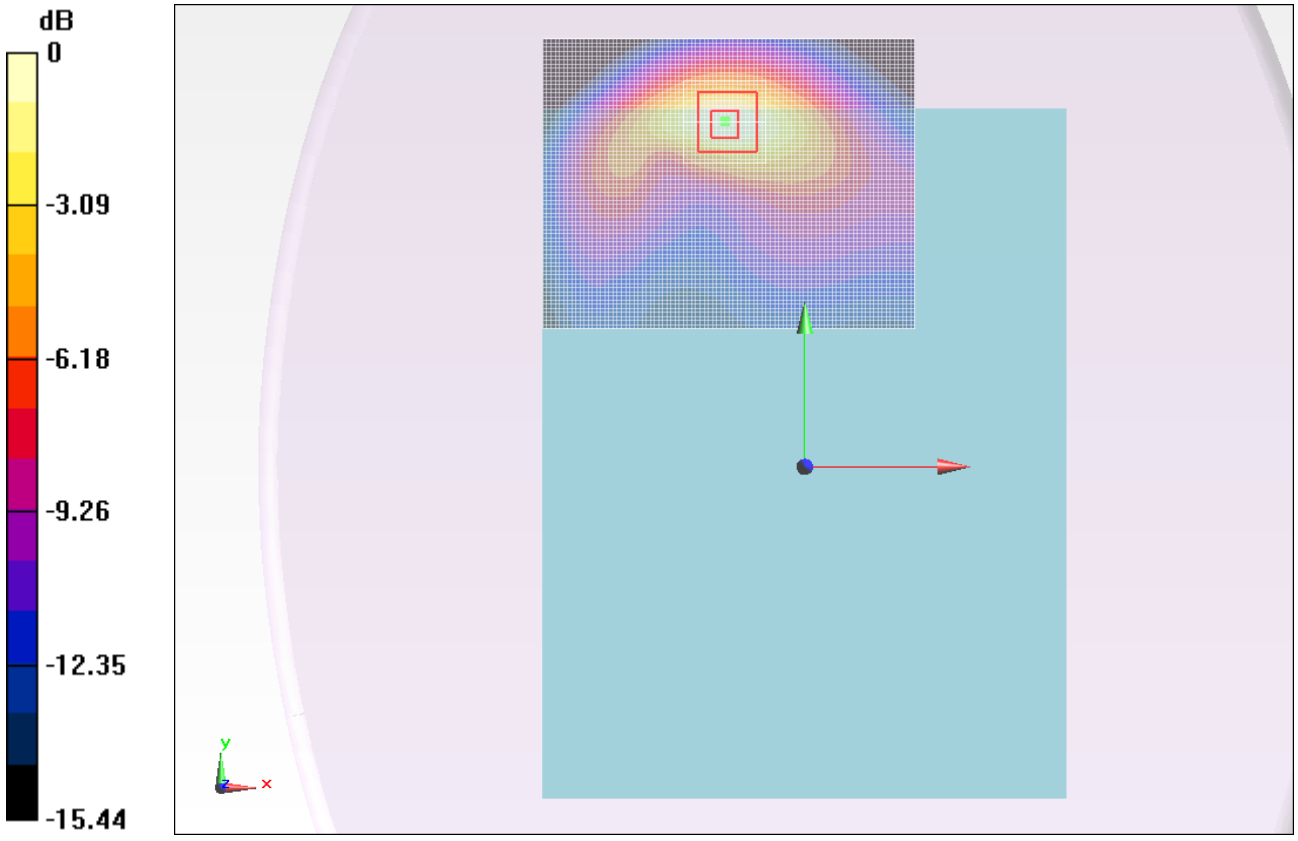
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/L-Ch_16QAM_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.995 mW/g

Rear_Prox Off_11mm/L-Ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 26.035 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.2550
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.988 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

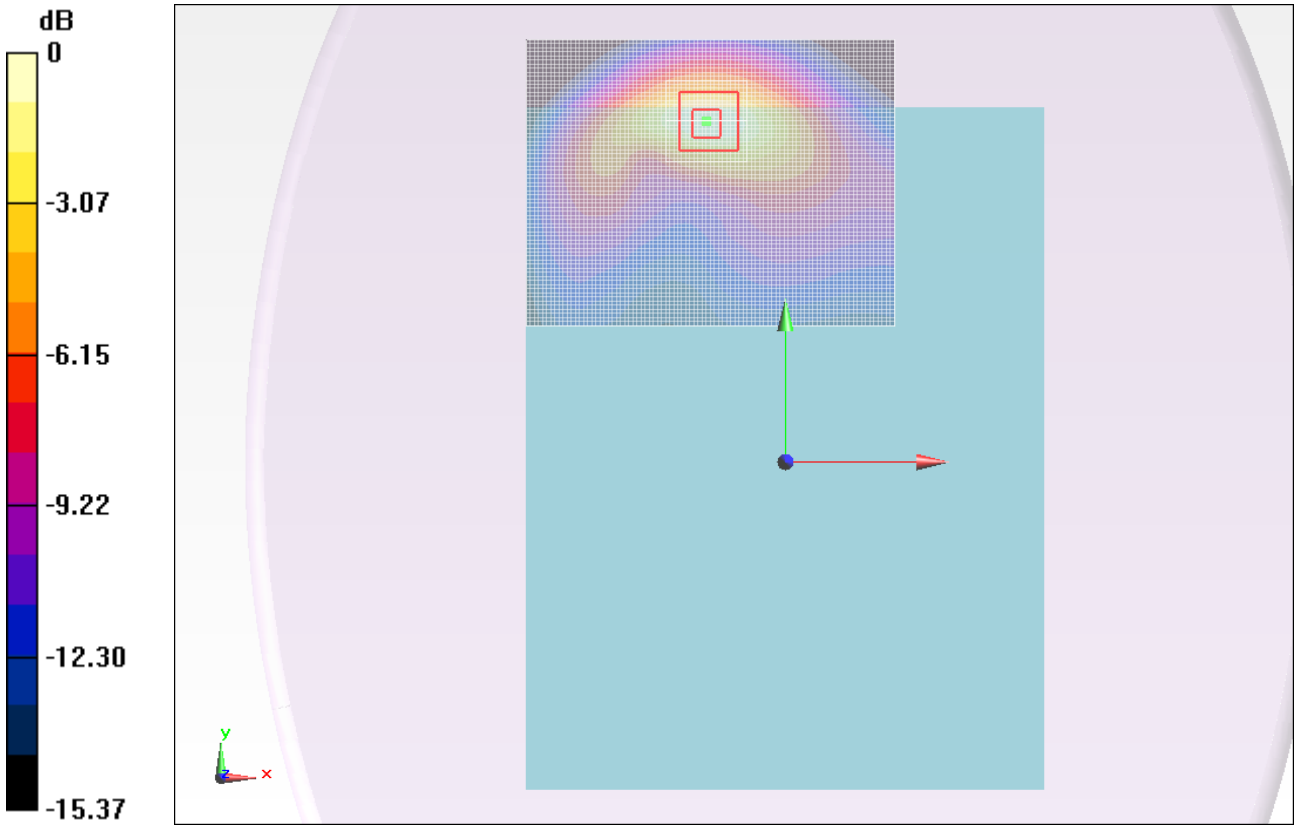
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.19; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/M-Ch_QPSK_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.978 mW/g

Rear_Prox Off_11mm/M-Ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.622 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.2420
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.425 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.974 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

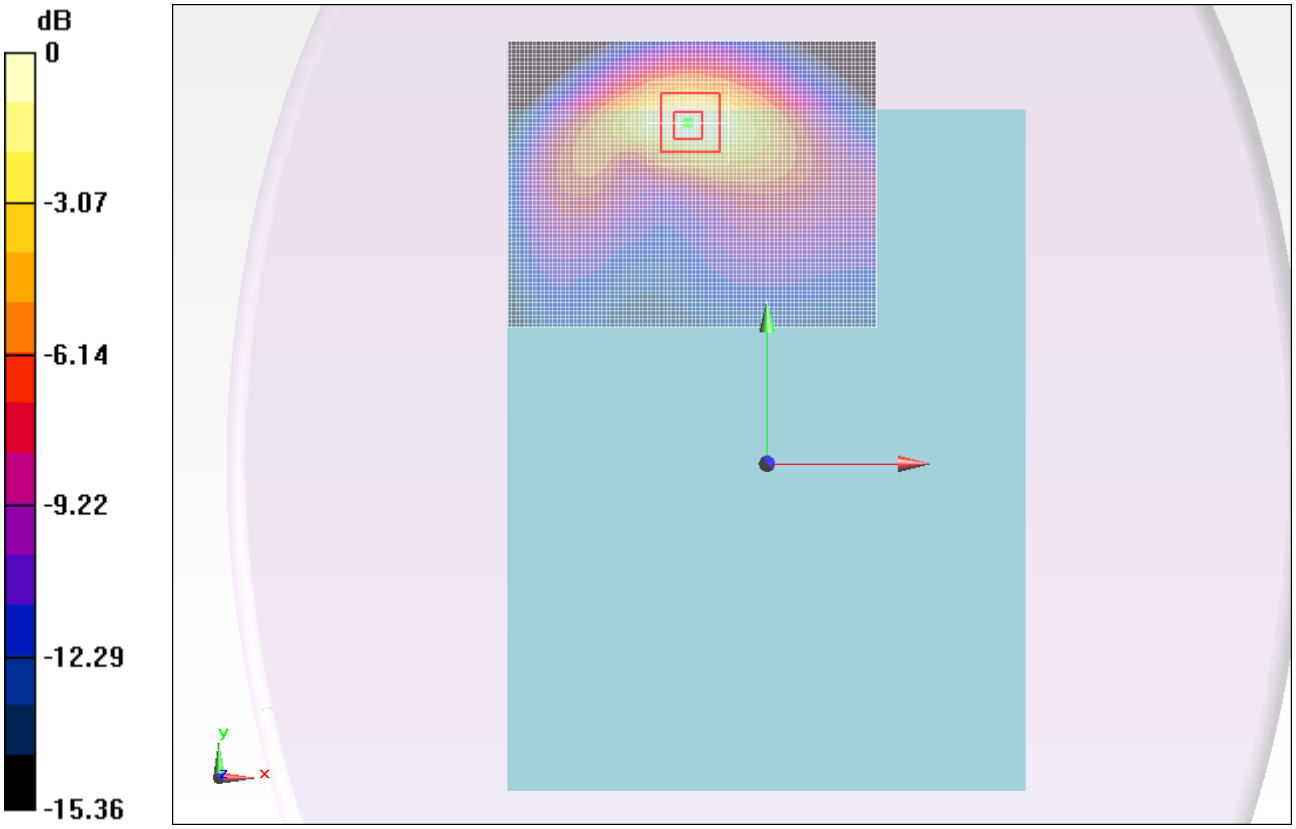
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.19; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/M-Ch_QPSK_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.213 mW/g

Rear_Prox Off_11mm/M-Ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.586 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.5310
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.527 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.205 mW/g



0 dB = 1.200mW/g = 1.58 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

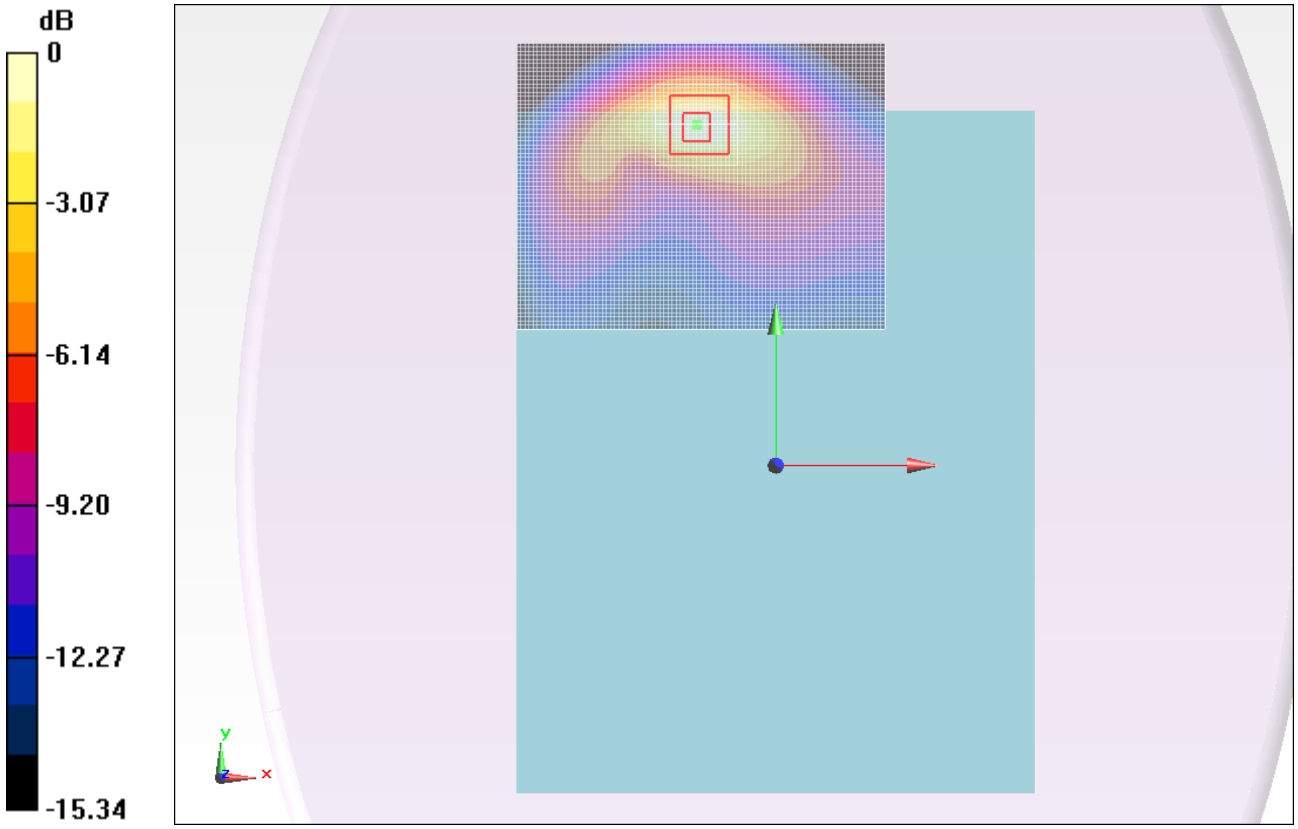
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.19; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/M-Ch_QPSK_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.303 mW/g

Rear_Prox Off_11mm/M-Ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 29.192 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.6580
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.567 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.293 mW/g



0 dB = 1.290mW/g = 2.21 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

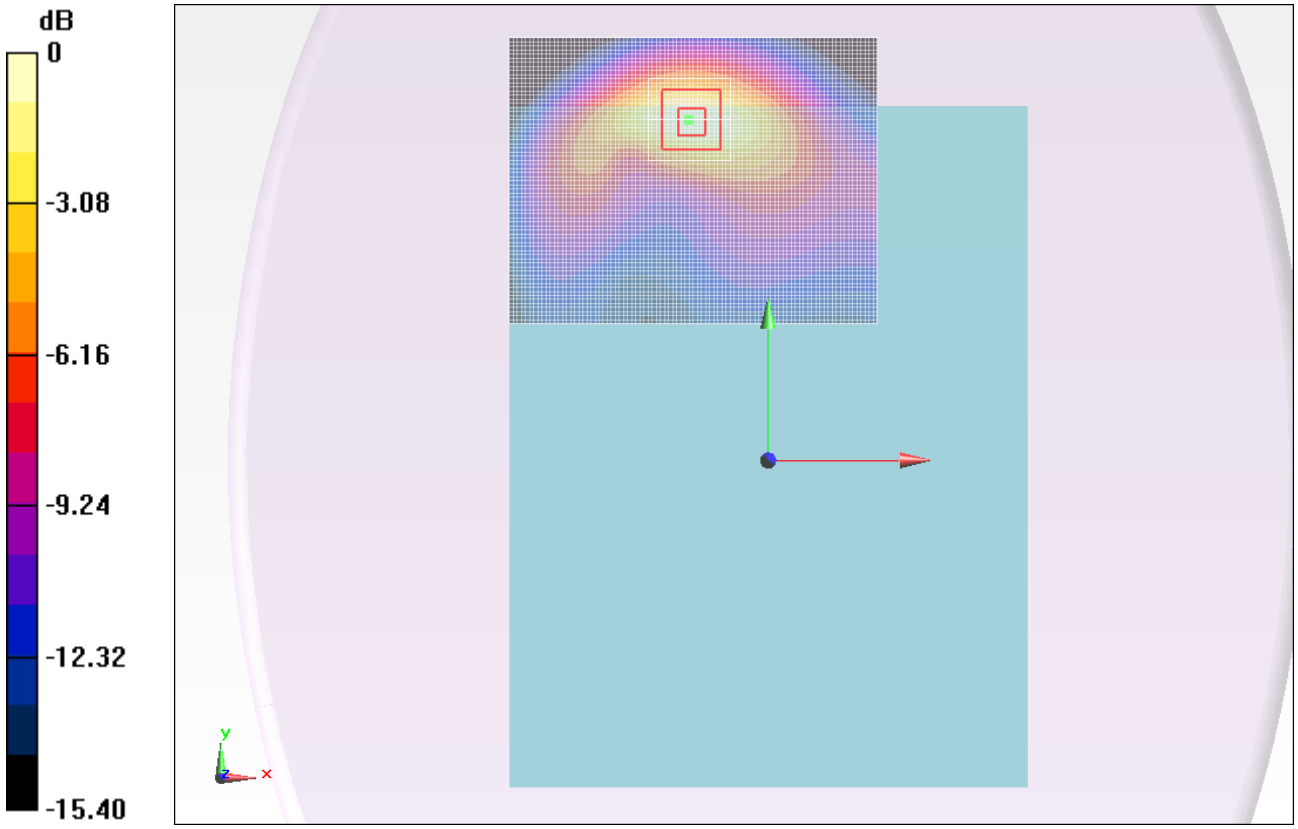
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.19; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/M-Ch_16QAM_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.801 mW/g

Rear_Prox Off_11mm/M-Ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.236 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.0100
SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.348 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.789 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

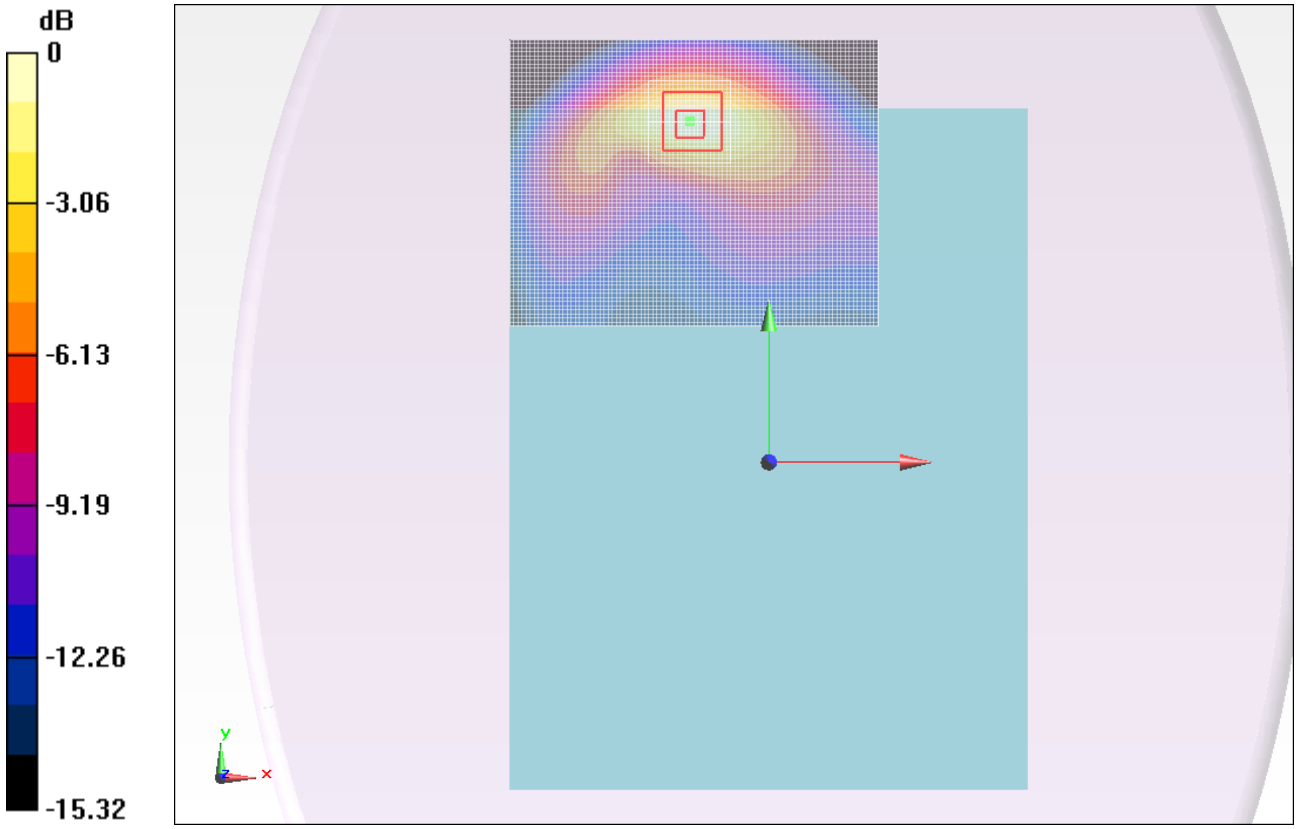
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.19; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/M-Ch_16QAM_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.003 mW/g

Rear_Prox Off_11mm/M-Ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 26.011 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.2790
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.440 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.008 mW/g



0 dB = 1.010mW/g = 0.09 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

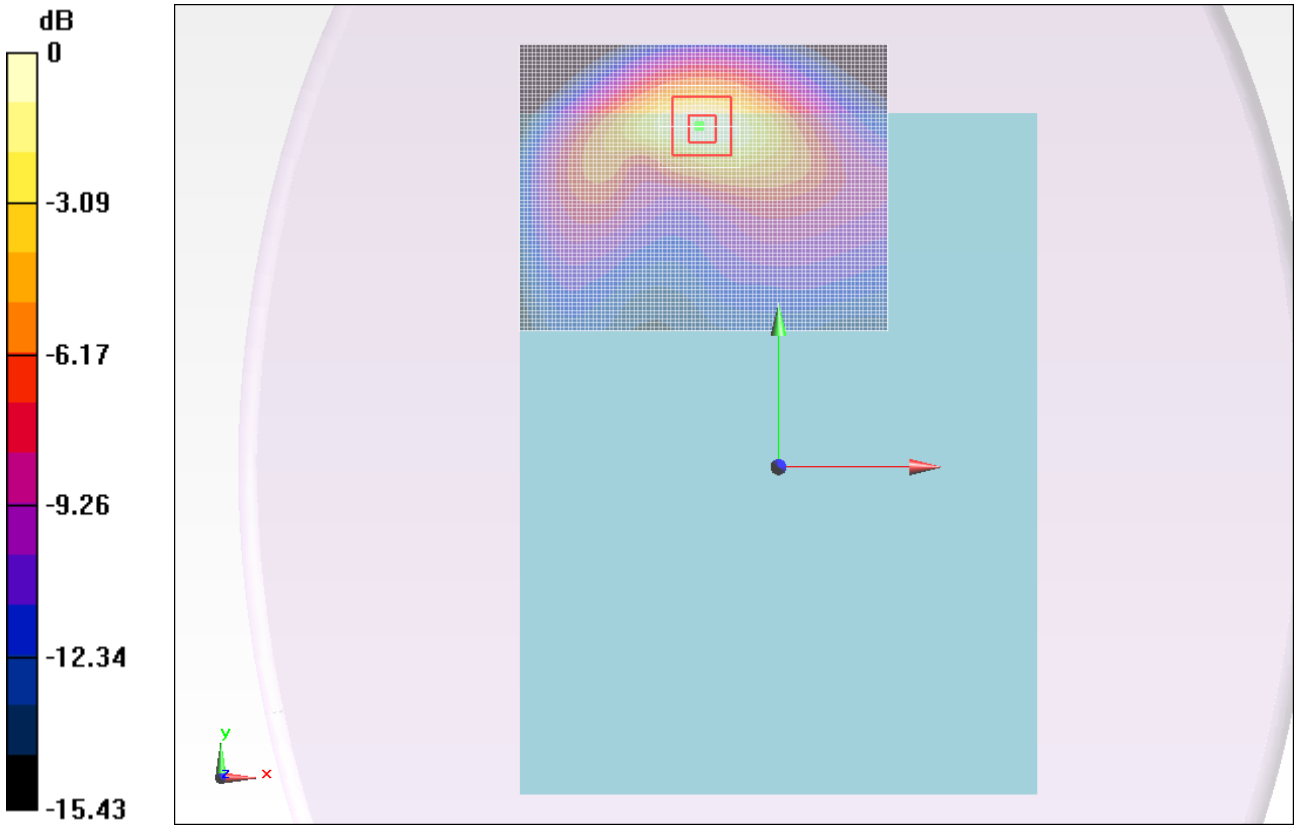
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.19; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/M-Ch_16QAM_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.088 mW/g

Rear_Prox Off_11mm/M-Ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 27.172 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.4210
SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.473 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.081 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

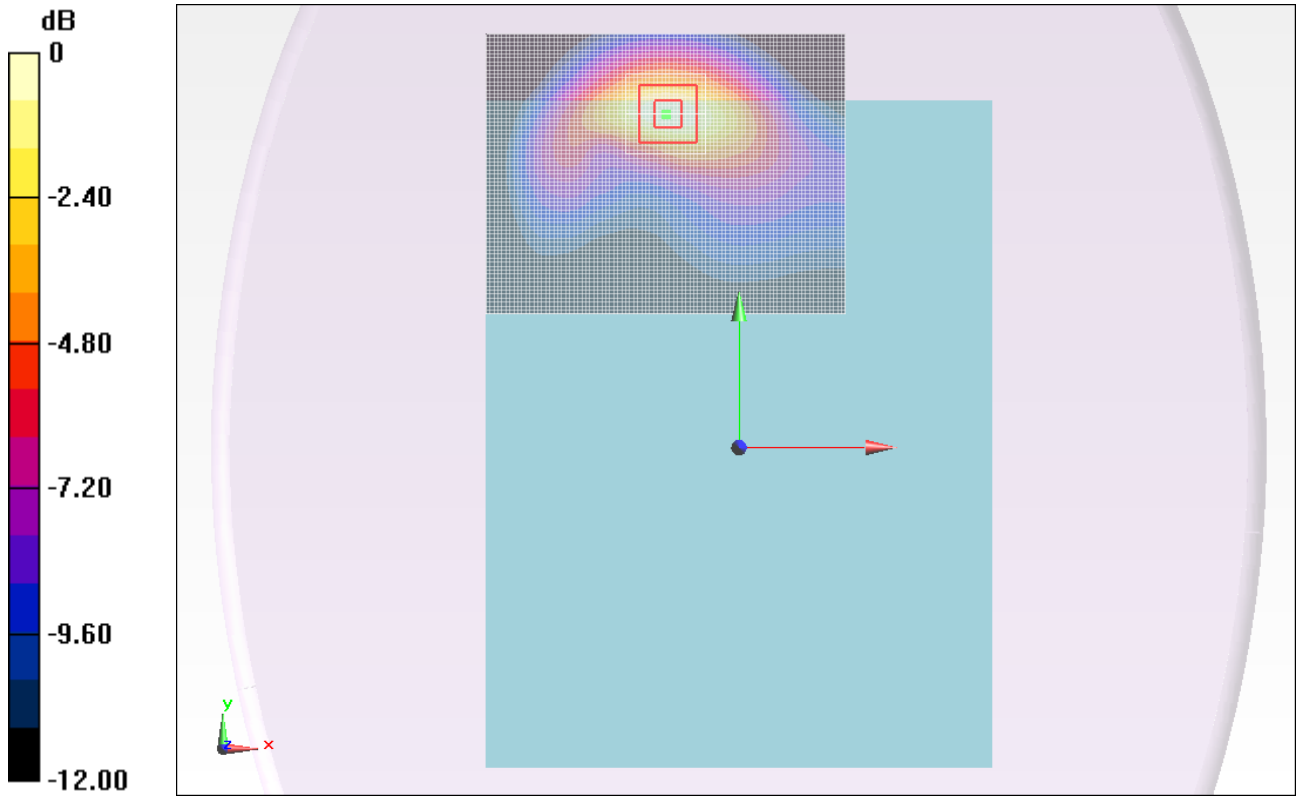
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/H-Ch_QPSK_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.952 mW/g

Rear_Prox Off_11mm/H-Ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.099 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.2240
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

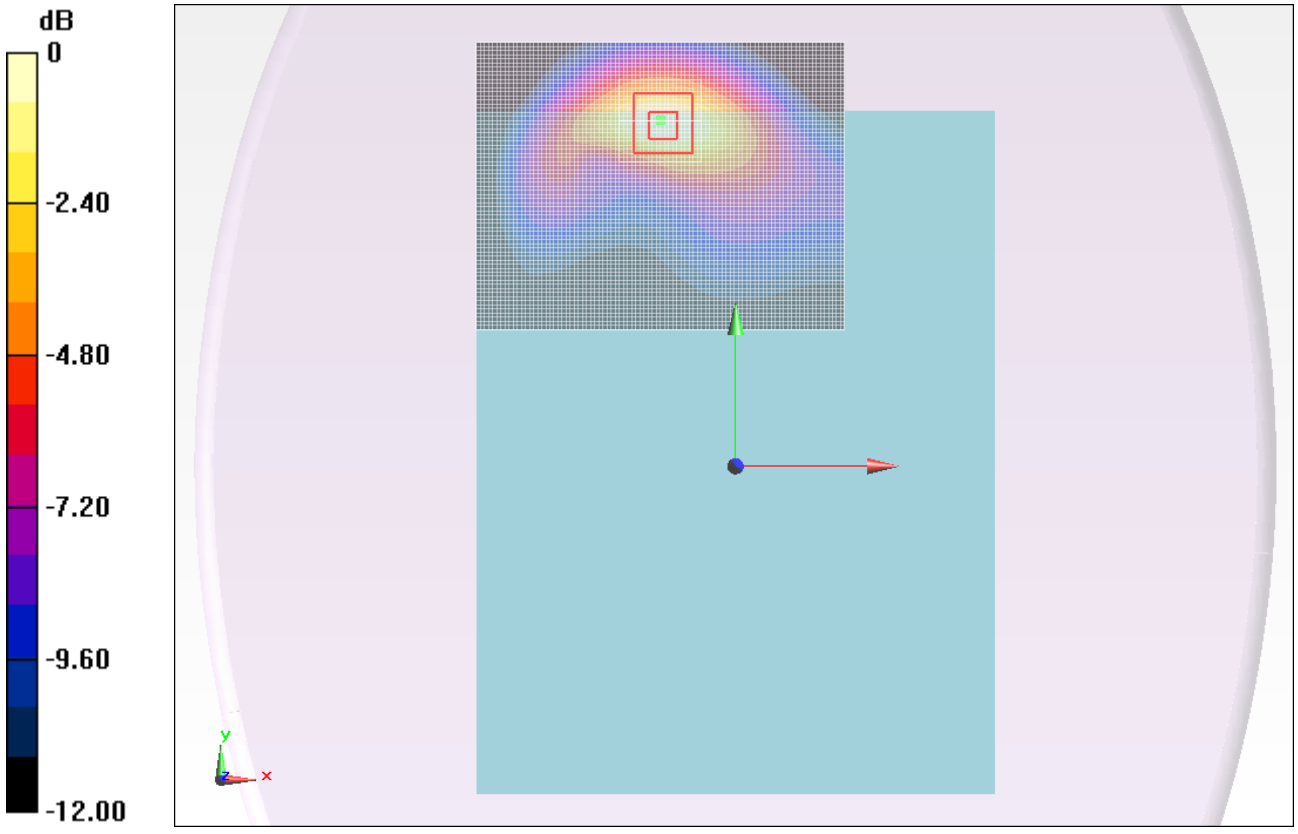
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/H-Ch_QPSK_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.163 mW/g

Rear_Prox Off_11mm/H-Ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 27.739 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.4850
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.512 mW/g
Maximum value of SAR (measured) = 1.139 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

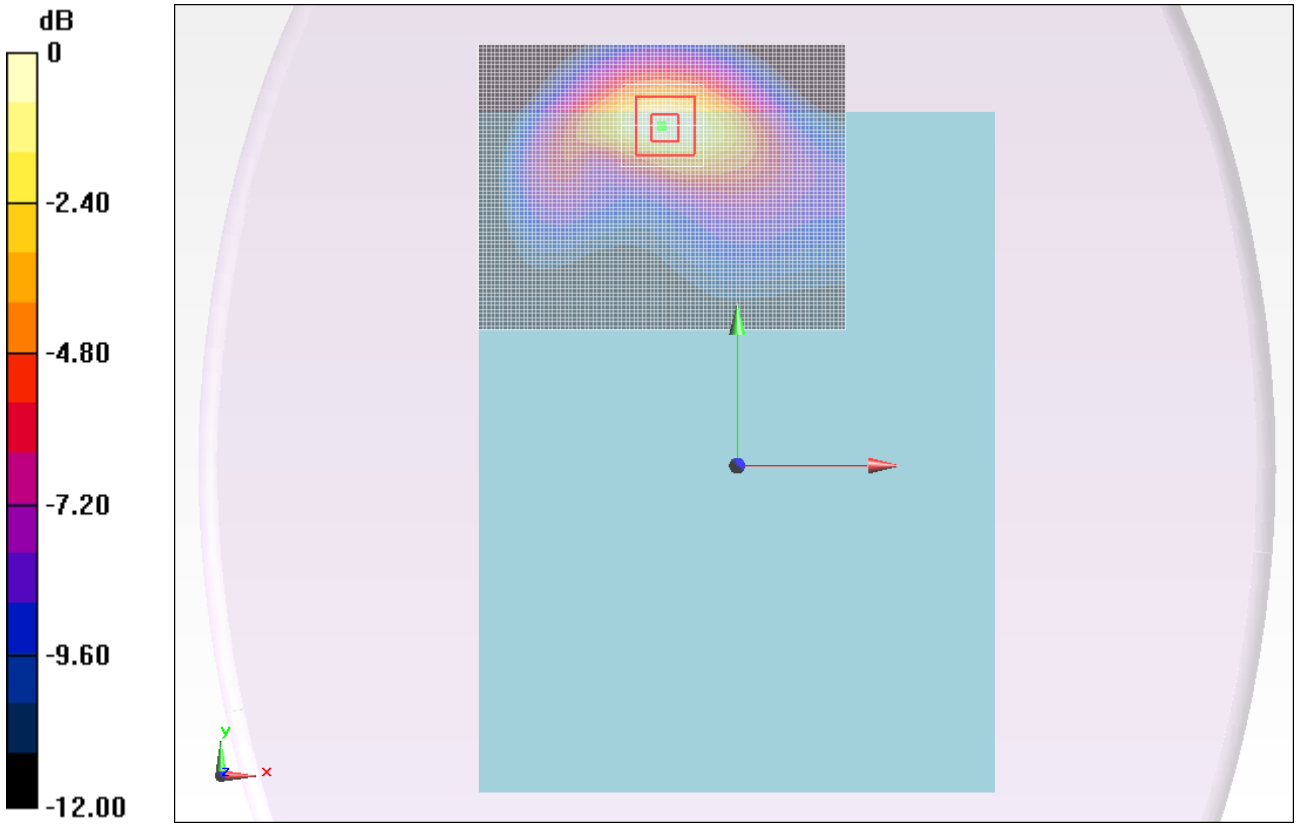
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/H-Ch_QPSK_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.221 mW/g

Rear_Prox Off_11mm/H-Ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.384 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.5620
SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.535 mW/g
Maximum value of SAR (measured) = 1.224 mW/g



0 dB = 1.220mW/g = 1.73 dB mW/g

LTE Band 4

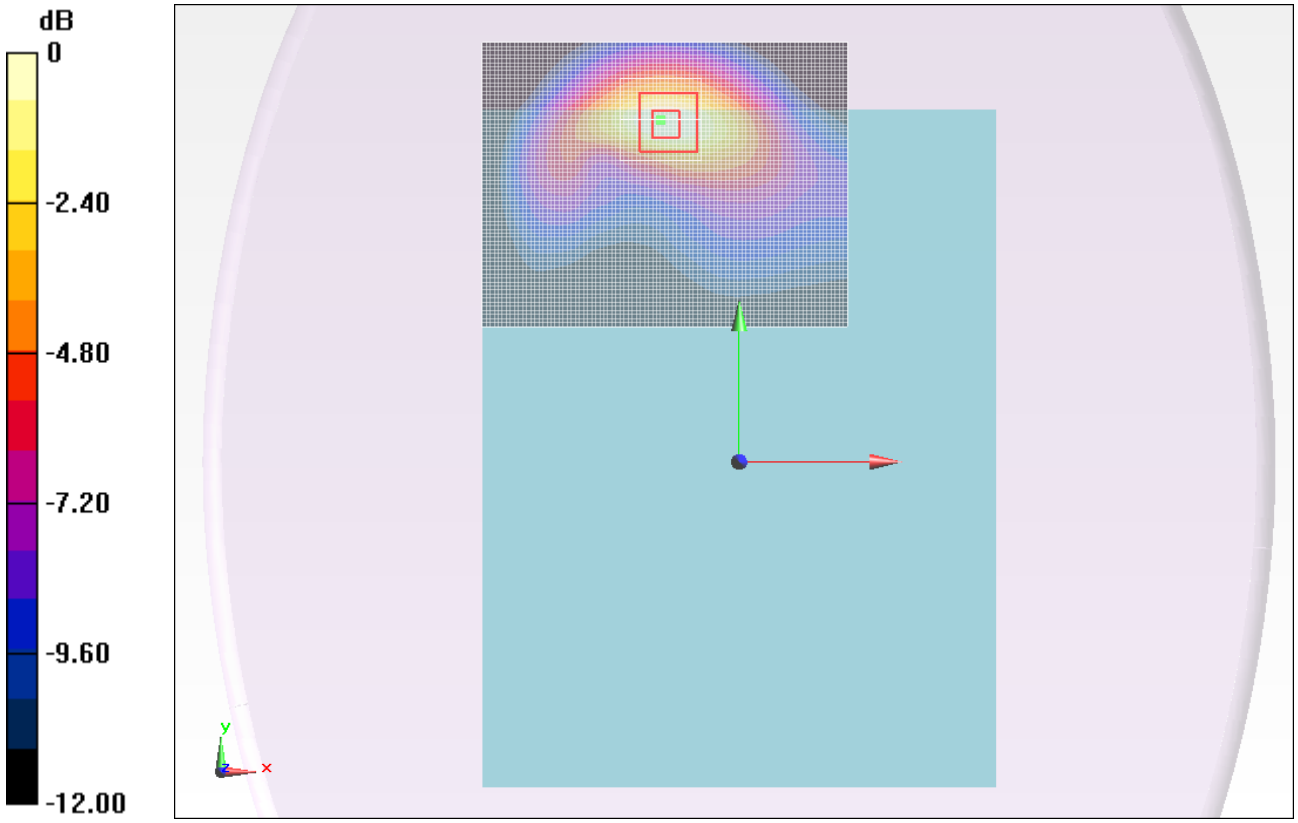
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/H-Ch_16QAM_RB50_RB24_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.788 mW/g

Rear_Prox Off_11mm/H-Ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.703 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.9890
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.762 mW/g



0 dB = 0.760mW/g = -2.38 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

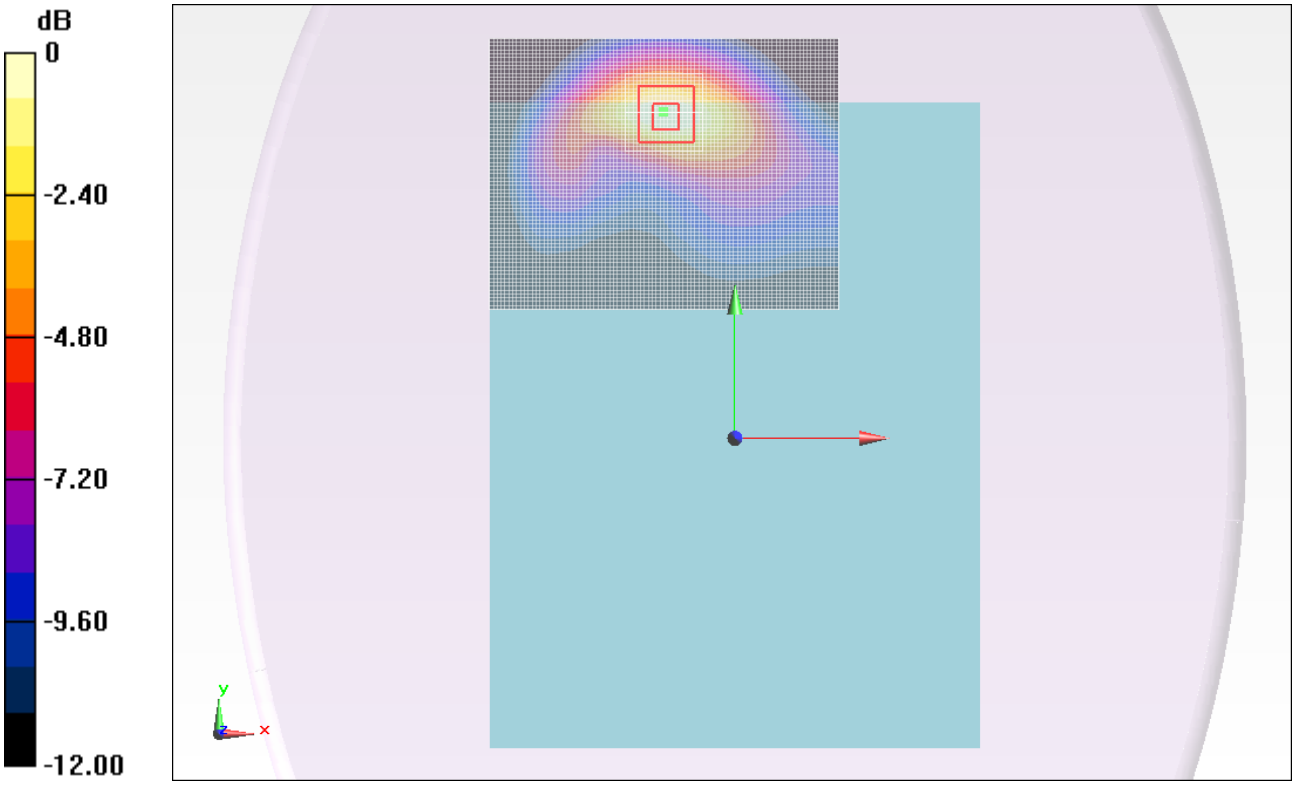
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/H-Ch_16QAM_RB1_RB0_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.963 mW/g

Rear_Prox Off_11mm/H-Ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.367 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.2310
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (measured) = 0.947 mW/g



0 dB = 0.950mW/g = -0.45 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/26/2012

LTE Band 4

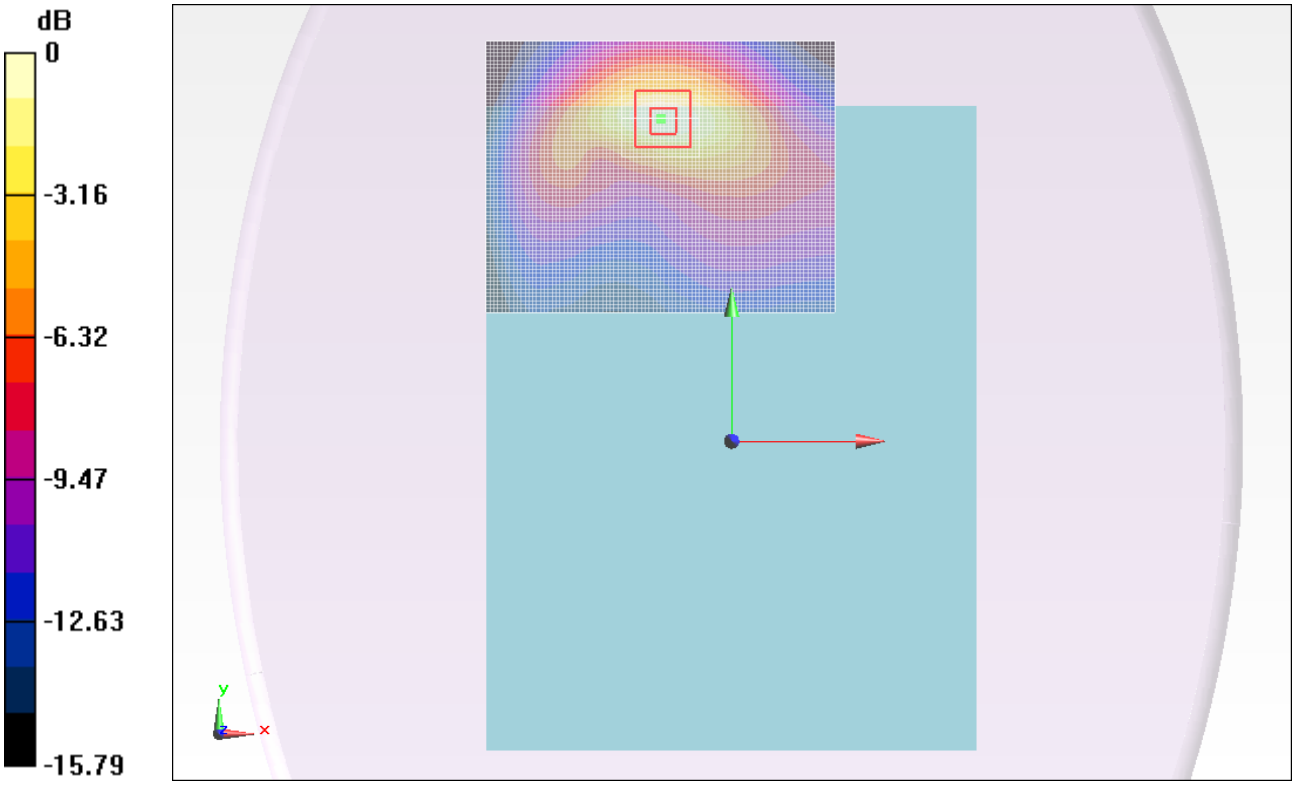
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.46 mho/m; ε_r = 51.683; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Rear_Prox Off_11mm/H-Ch_16QAM_RB1_RB99_/Area Scan (91x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.015 mW/g

Rear_Prox Off_11mm/H-Ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.961 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.2730
SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 1.020 mW/g



0 dB = 1.020mW/g = 0.17 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

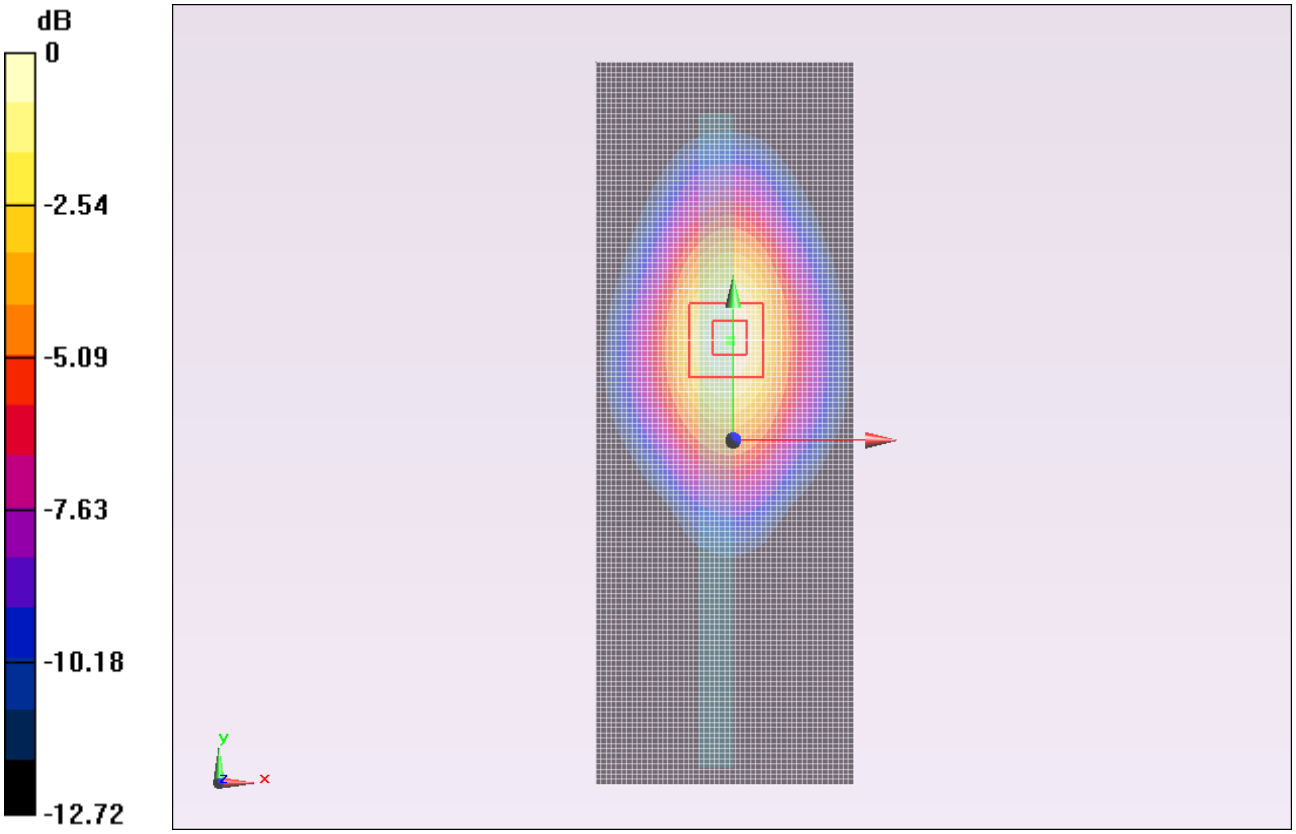
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.431 mho/m; ε_r = 52.052; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/L ch_QPSK_RB50_RB24_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.856 mW/g

Top Edge_Prox Off_14mm/L ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.161 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.0370
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.837 mW/g



0 dB = 0.840mW/g = -1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

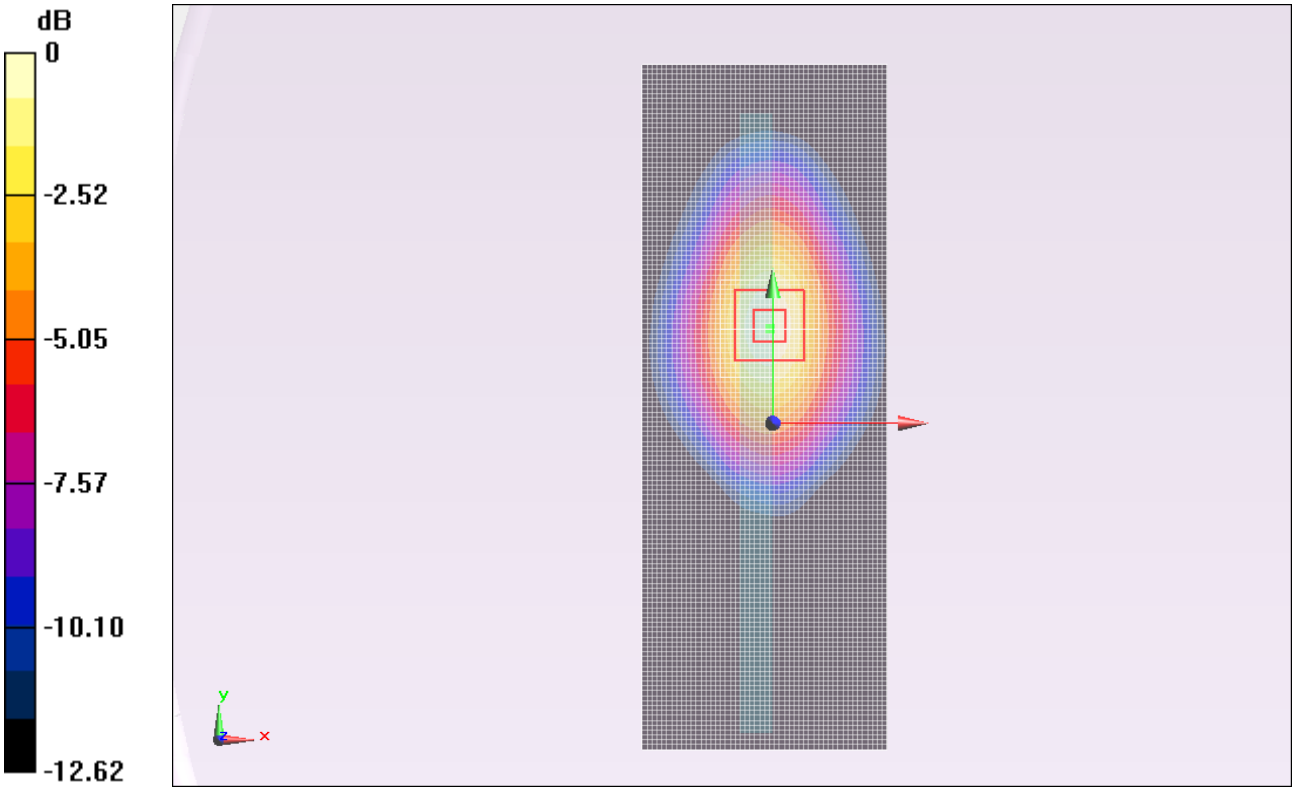
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.431 mho/m; ε_r = 52.052; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/L ch_QPSK_RB1_RB0_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.074 mW/g

Top Edge_Prox Off_14mm/L ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 24.980 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.2990
SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 1.049 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

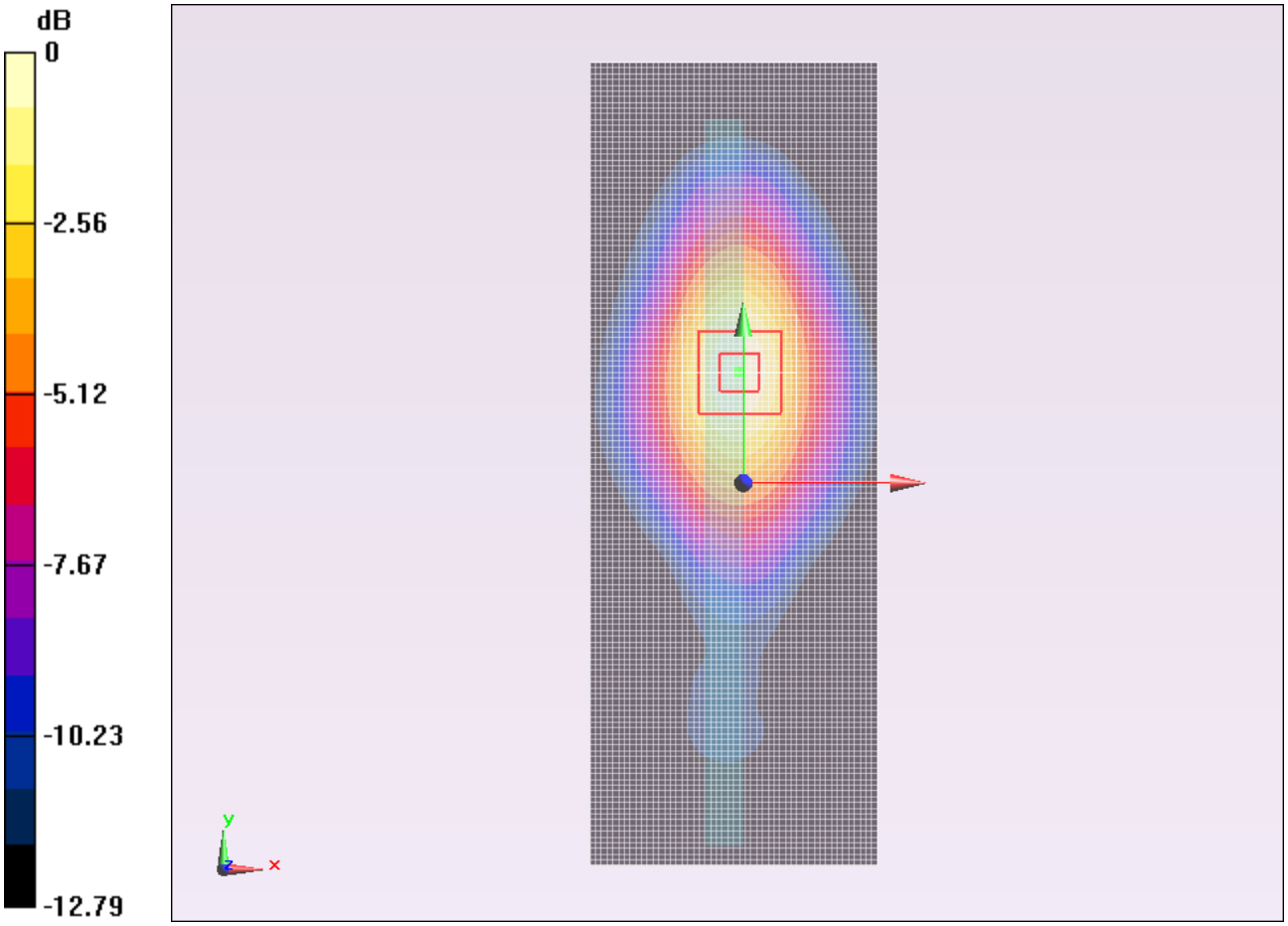
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.431 mho/m; ε_r = 52.052; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/L ch_QPSK_RB1_RB99_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.091 mW/g

Top Edge_Prox Off_14mm/L ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 24.986 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.3170
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.063 mW/g



0 dB = 1.060mW/g = 0.51 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

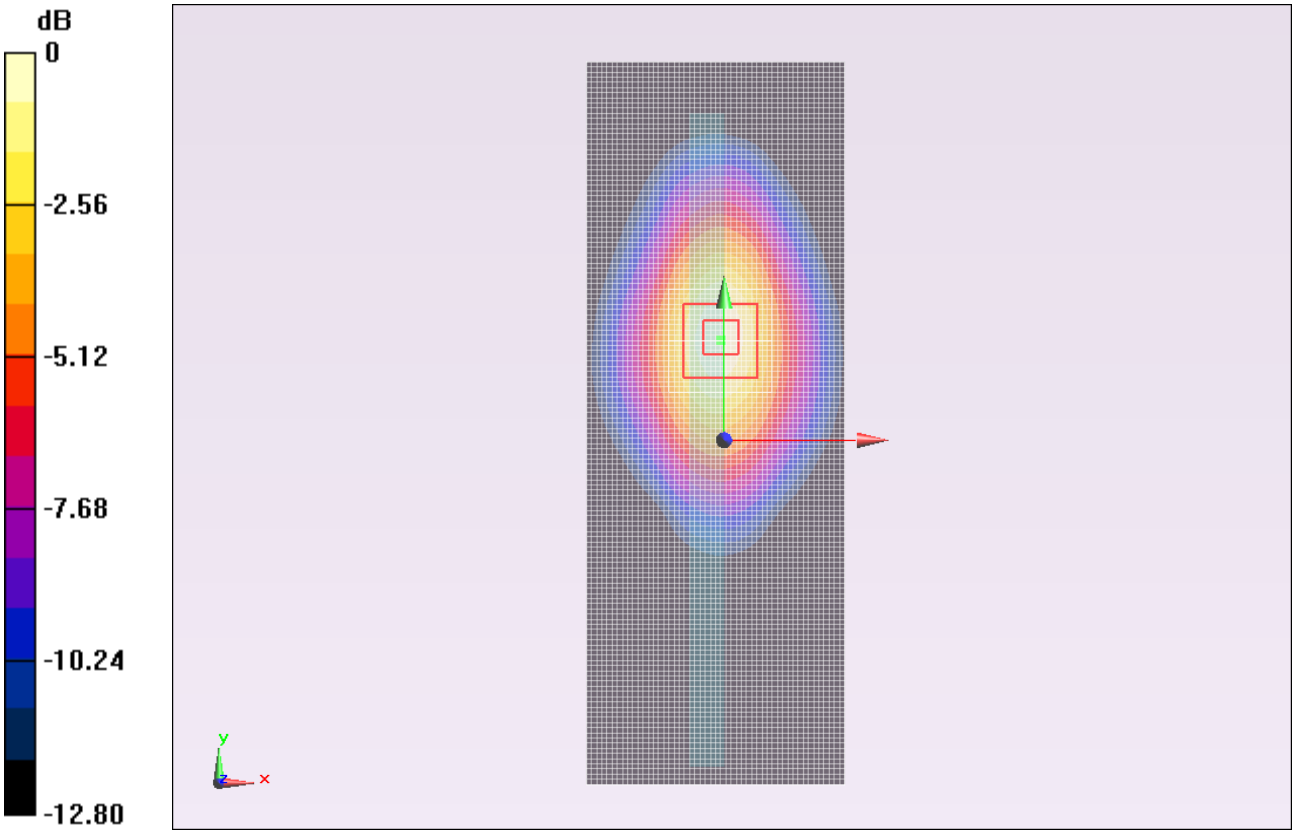
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.431 mho/m; ε_r = 52.052; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/L ch_16QAM_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.679 mW/g

Top Edge_Prox Off_14mm/L ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 19.800 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.8230
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.667 mW/g



0 dB = 0.670mW/g = -3.48 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

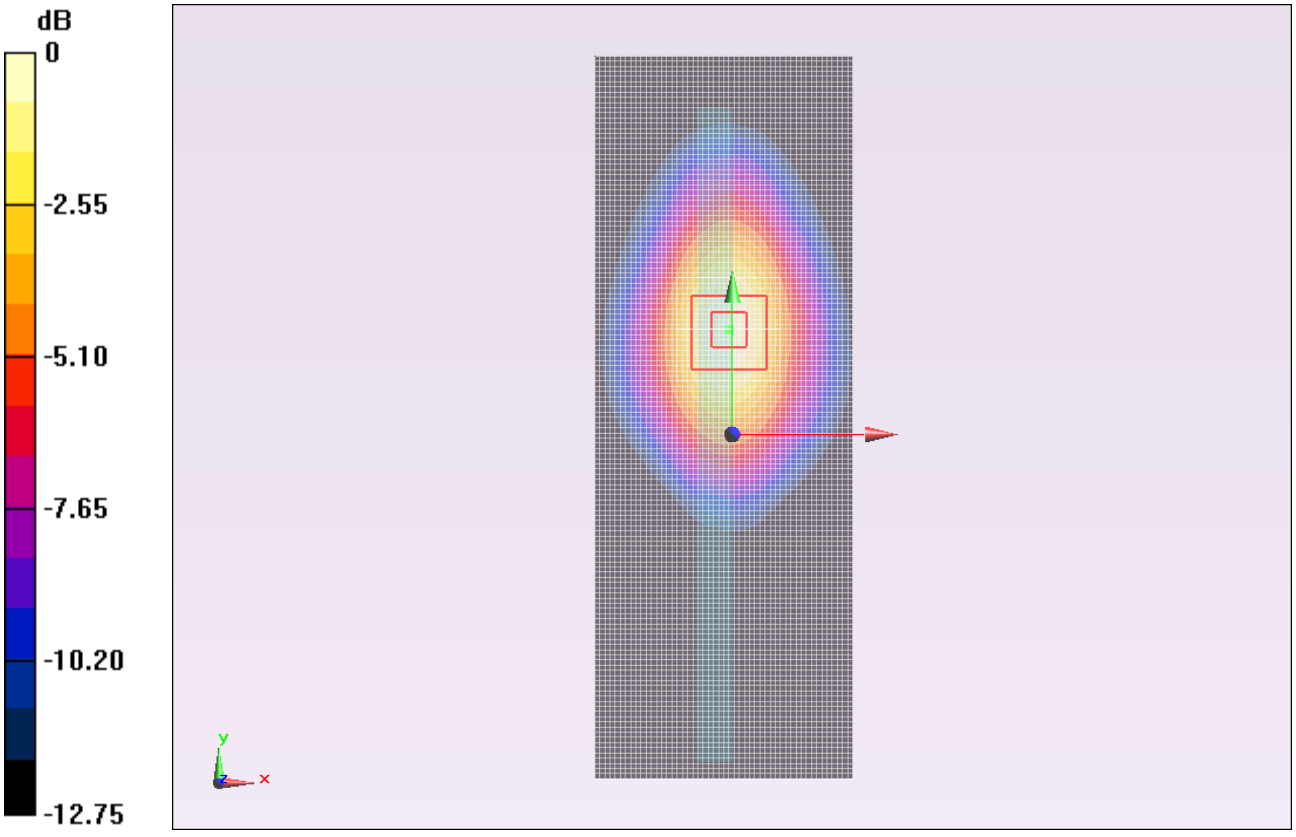
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.431 mho/m; ε_r = 52.052; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/L ch_16QAM_RB1_RB0_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

Top Edge_Prox Off_14mm/L ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.003 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.0950
SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.888 mW/g



0 dB = 0.890mW/g = -1.01 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/28/2012

LTE Band 4

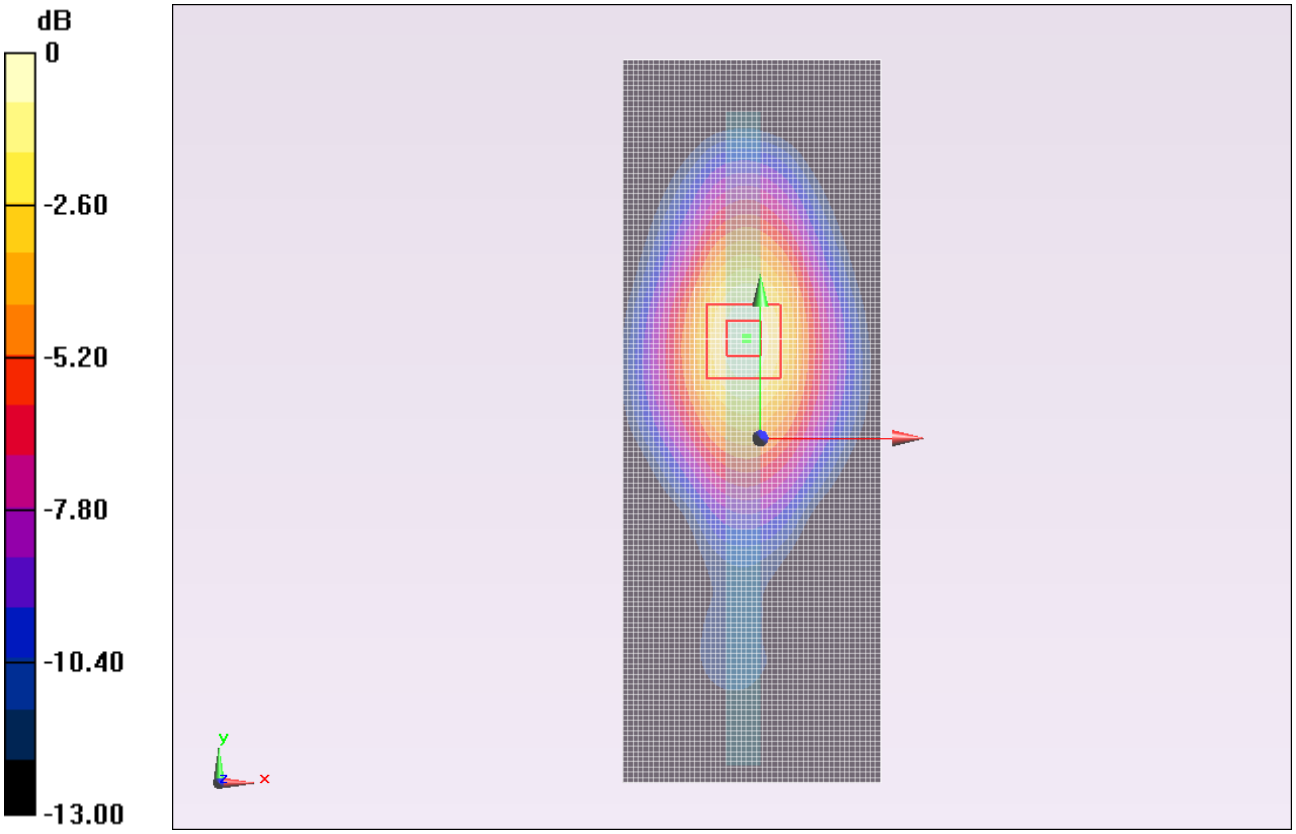
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.433 mho/m; ε_r = 51.223; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/L ch_16QAM_RB1_RB99_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

Top Edge_Prox Off_14mm/L ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.296 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.1740
SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.915 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

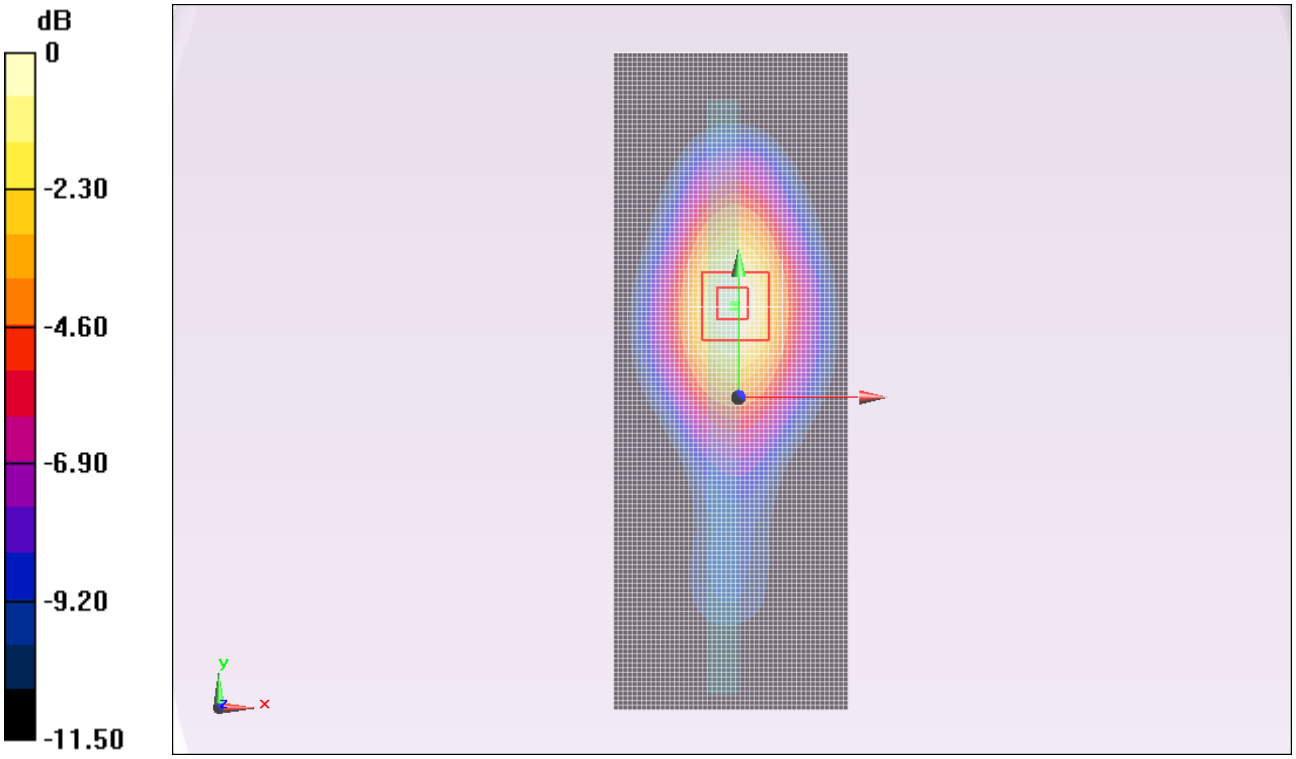
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.445 mho/m; ε_r = 52.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/M ch_QPSK_RB50_RB24_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.865 mW/g

Top Edge_Prox Off_14mm/M ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.257 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.0670
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.400 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.900mW/g = -0.92 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

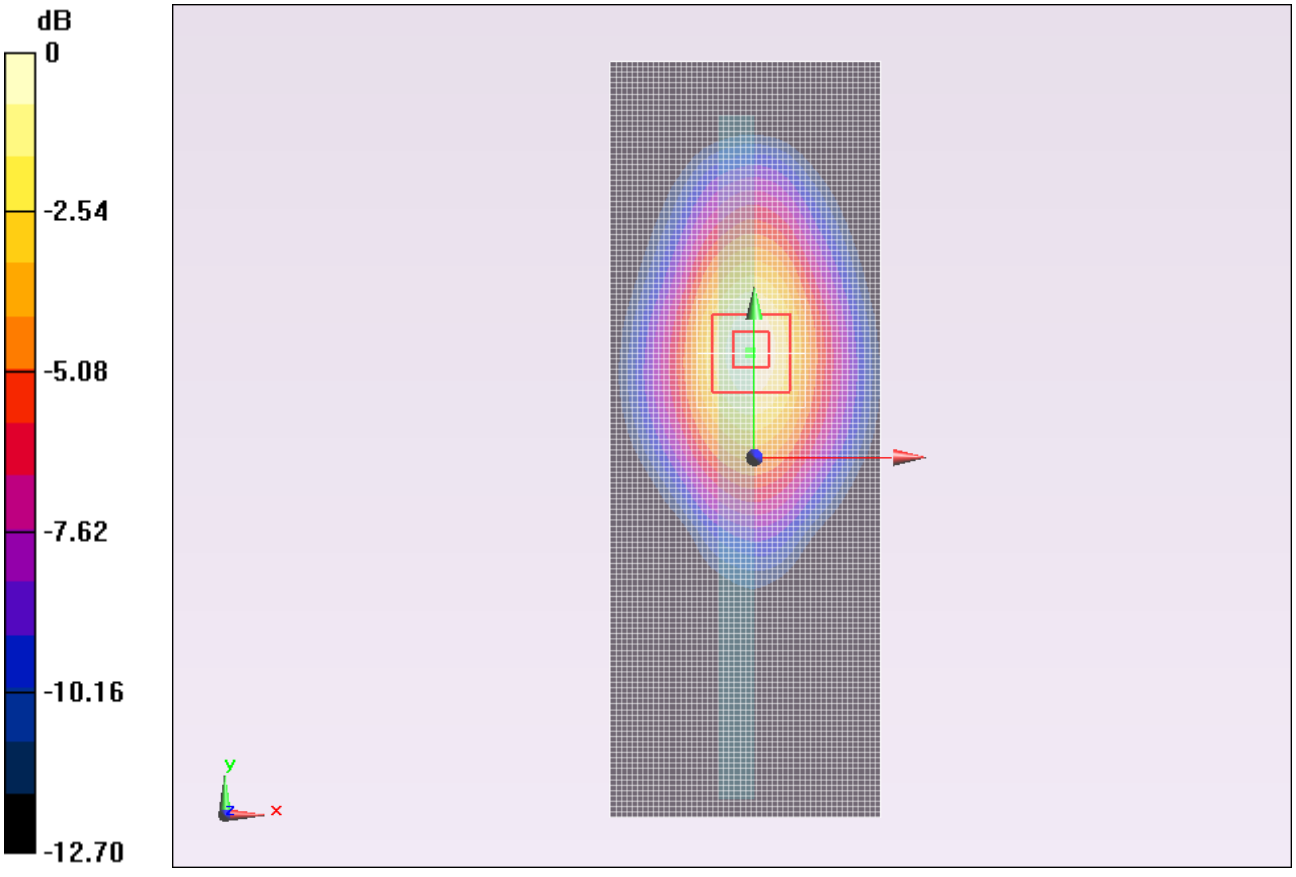
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.445 mho/m; ε_r = 52.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/M ch_QPSK_RB1_RB0_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.095 mW/g

Top Edge_Prox Off_14mm/M ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 24.915 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.3450
SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.501 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.084 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

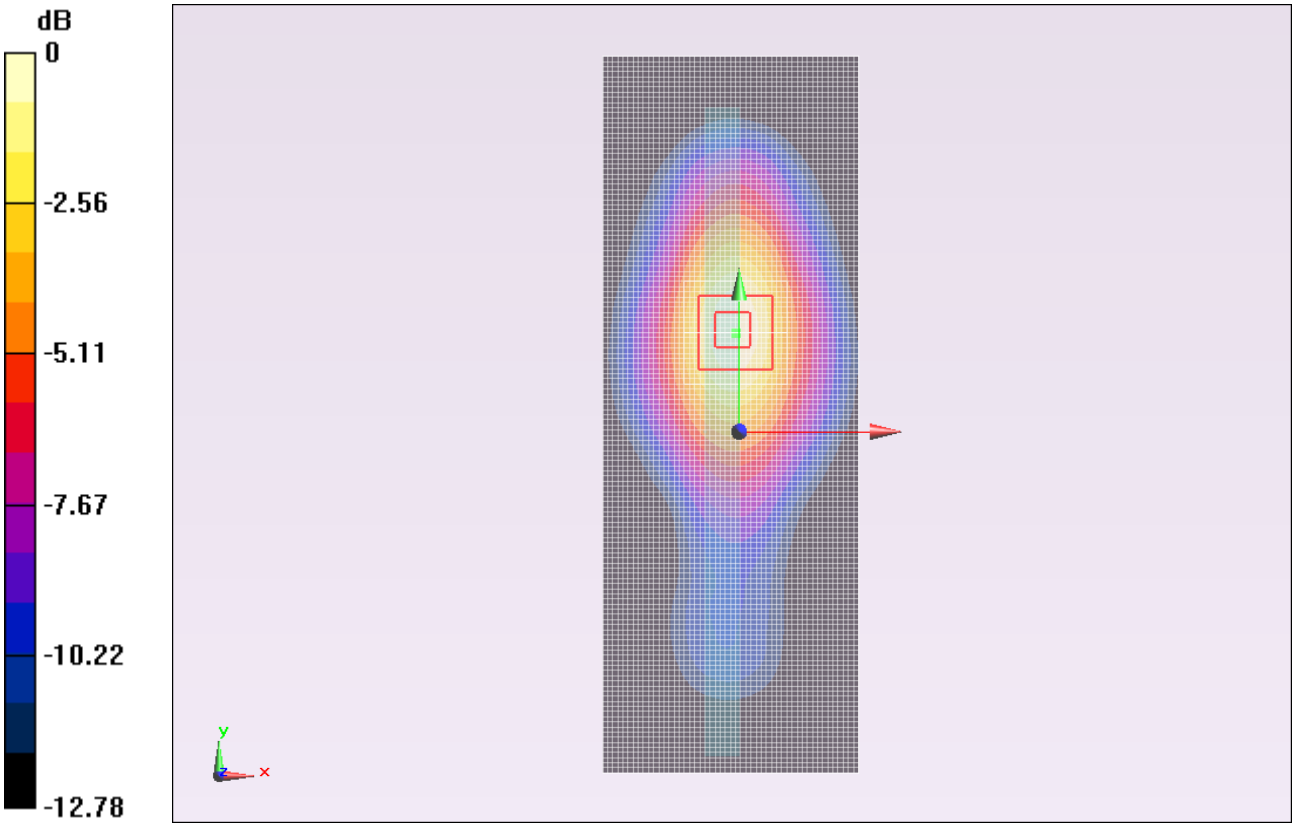
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.445 mho/m; ε_r = 52.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/M ch_QPSK_RB1_RB99_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.170 mW/g

Top Edge_Prox Off_14mm/M ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.867 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.4230
SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.530 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.147 mW/g



0 dB = 1.150mW/g = 1.21 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

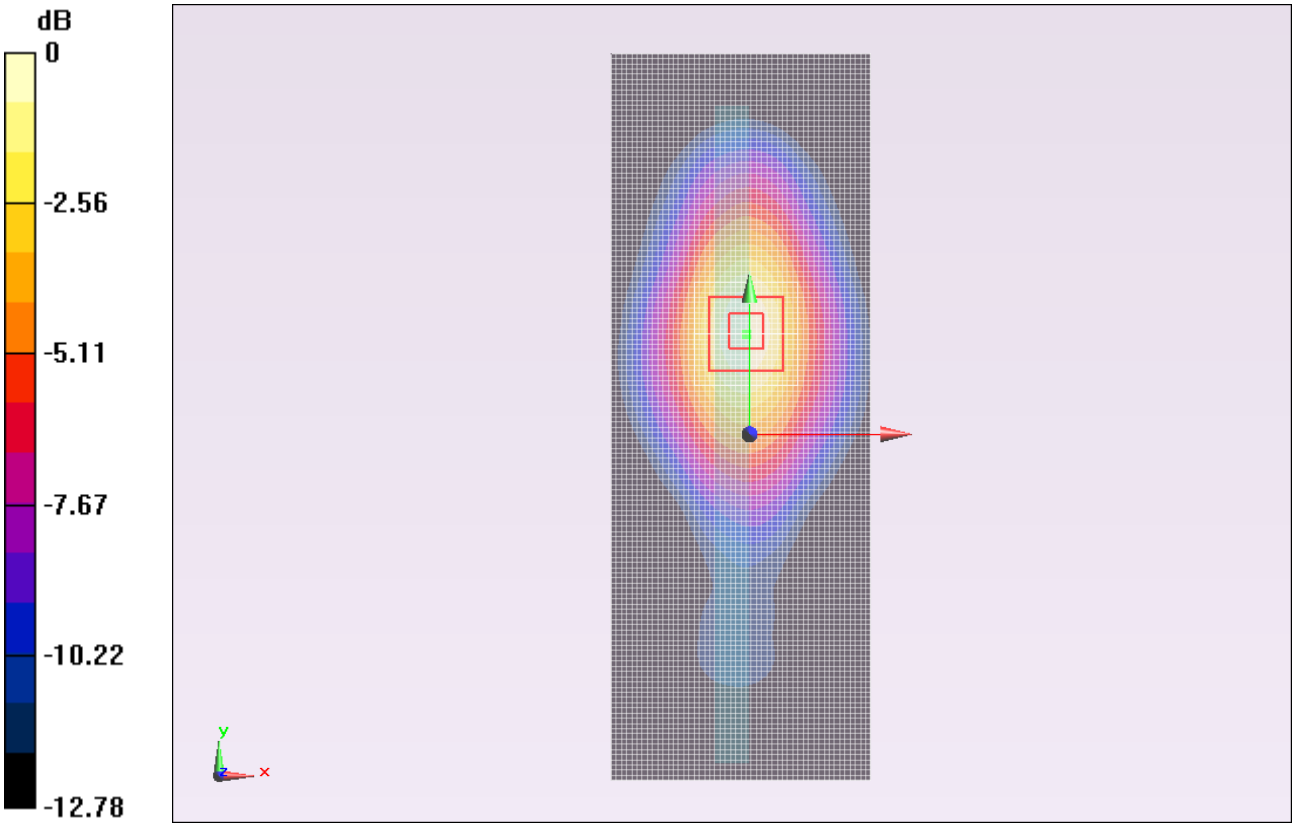
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.445 mho/m; ε_r = 52.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/M ch_16QAM_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.727 mW/g

Top Edge_Prox Off_14mm/M ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 20.373 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.8790
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.330 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.711 mW/g



0 dB = 0.710mW/g = -2.97 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

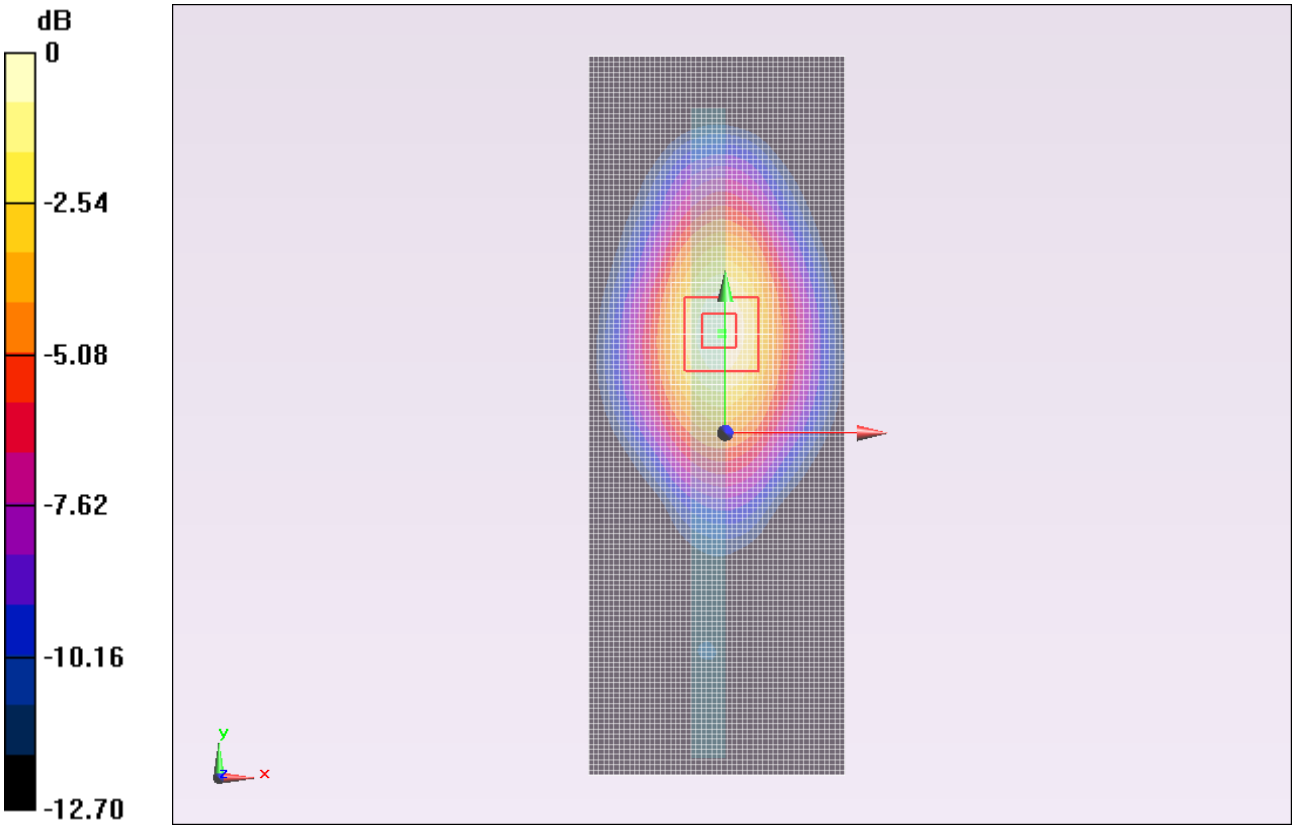
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.445 mho/m; ε_r = 52.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/M ch_16QAM_RB1_RB0_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.913 mW/g

Top Edge_Prox Off_14mm/M ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.906 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.1130
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.417 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.898 mW/g



0 dB = 0.900mW/g = -0.92 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

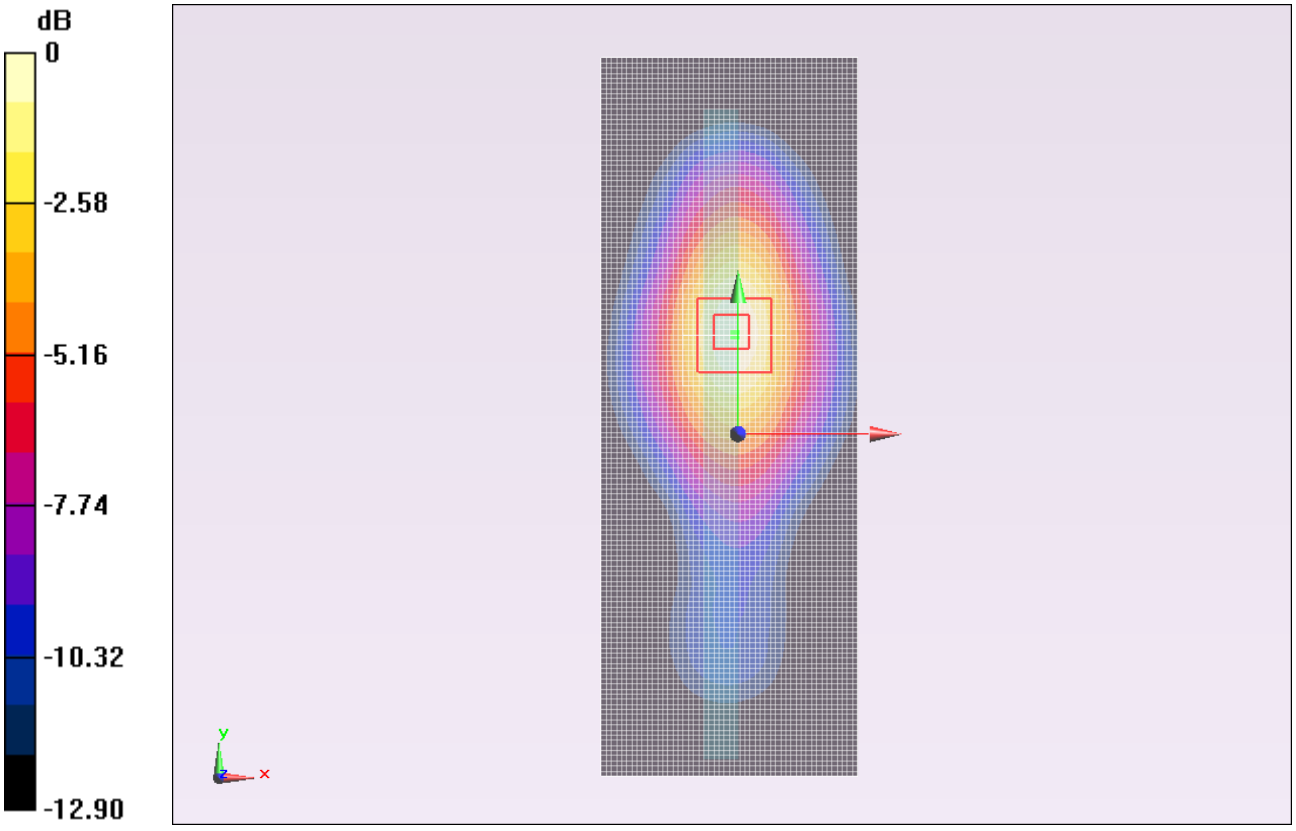
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.445 mho/m; ε_r = 52.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/M ch_16QAM_RB1_RB99_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.976 mW/g

Top Edge_Prox Off_14mm/M ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.581 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.1860
SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.445 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.970 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

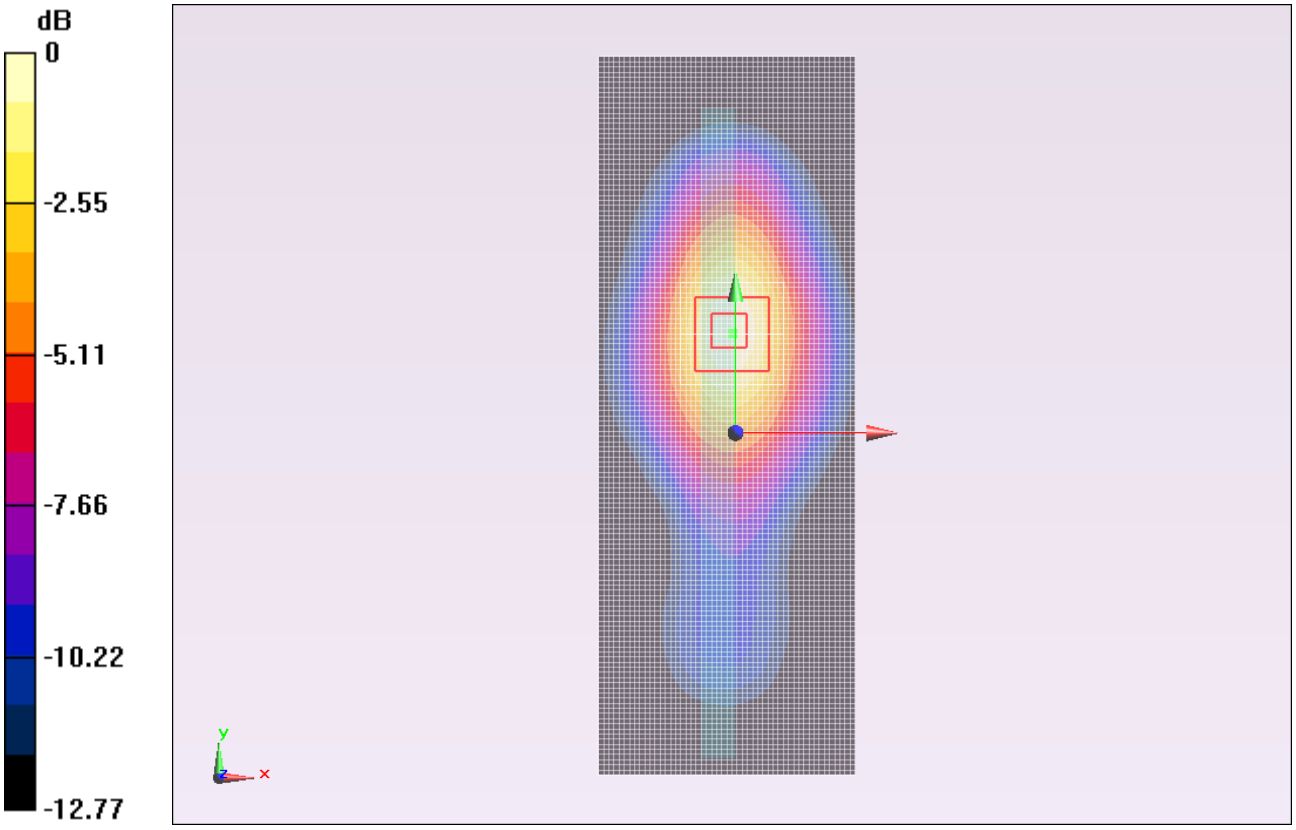
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.458 mho/m; ε_r = 51.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/H ch_QPSK_RB50_RB24_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.914 mW/g

Top Edge_Prox Off_14mm/H ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 22.733 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.1150
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.900mW/g = -0.92 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

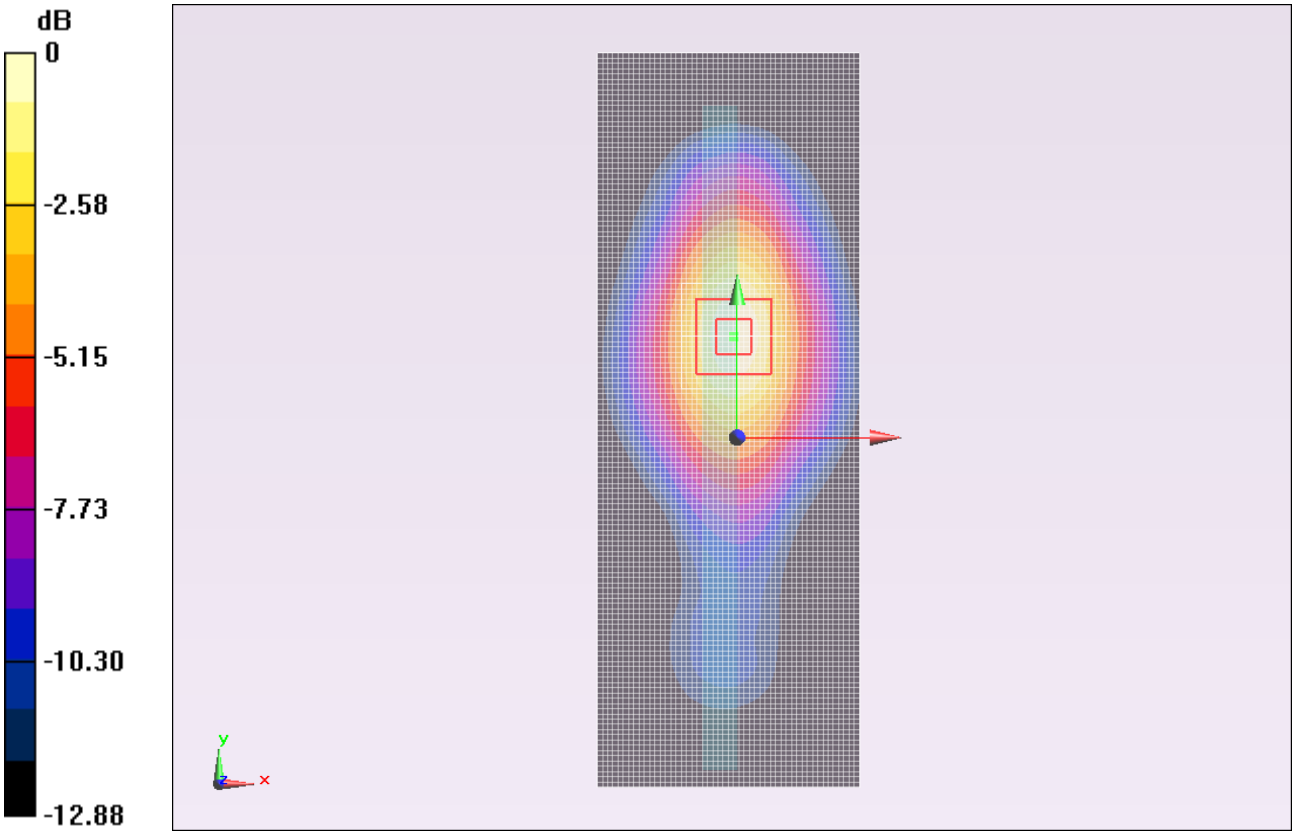
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.458 mho/m; ε_r = 51.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/H ch_QPSK_RB1_RB0_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.118 mW/g

Top Edge_Prox Off_14mm/H ch_QPSK_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.229 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.5630
SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 1.111 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

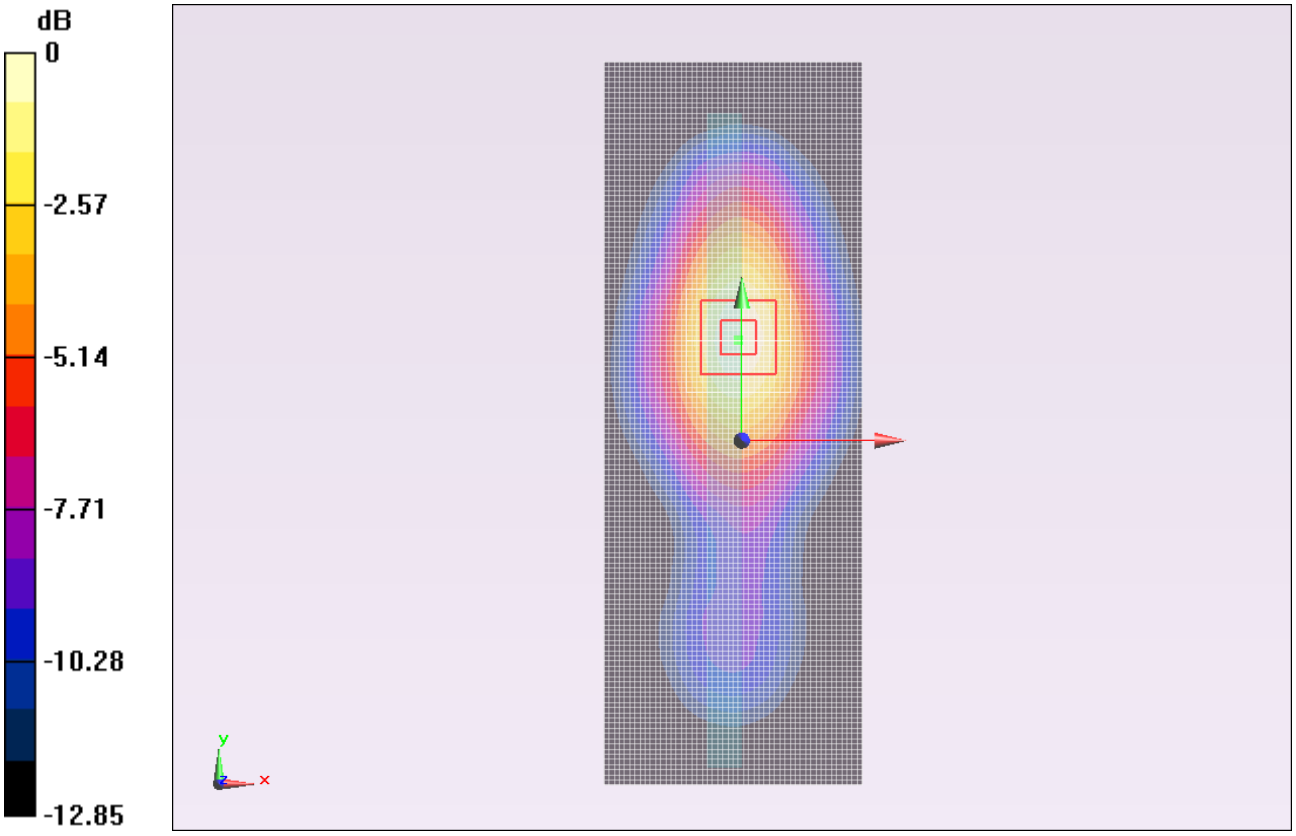
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.458 mho/m; ε_r = 51.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/H ch_QPSK_RB1_RB99_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.146 mW/g

Top Edge_Prox Off_14mm/H ch_QPSK_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 25.685 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.3960
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 1.145 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

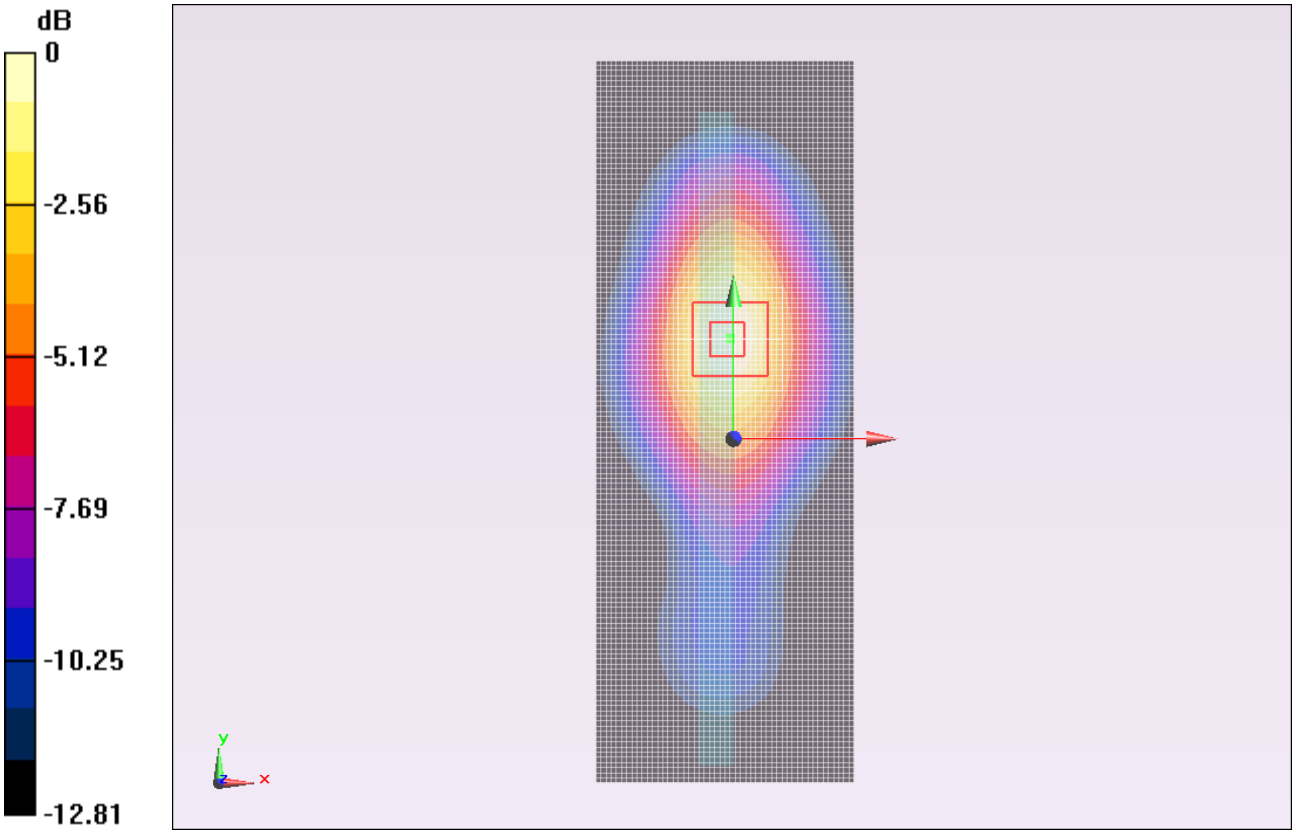
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.458 mho/m; ε_r = 51.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/H ch_16QAM_RB50_RB24_/Area Scan (51x141x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.745 mW/g

Top Edge_Prox Off_14mm/H ch_16QAM_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 20.694 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.9280
SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.734 mW/g



0 dB = 0.730mW/g = -2.73 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

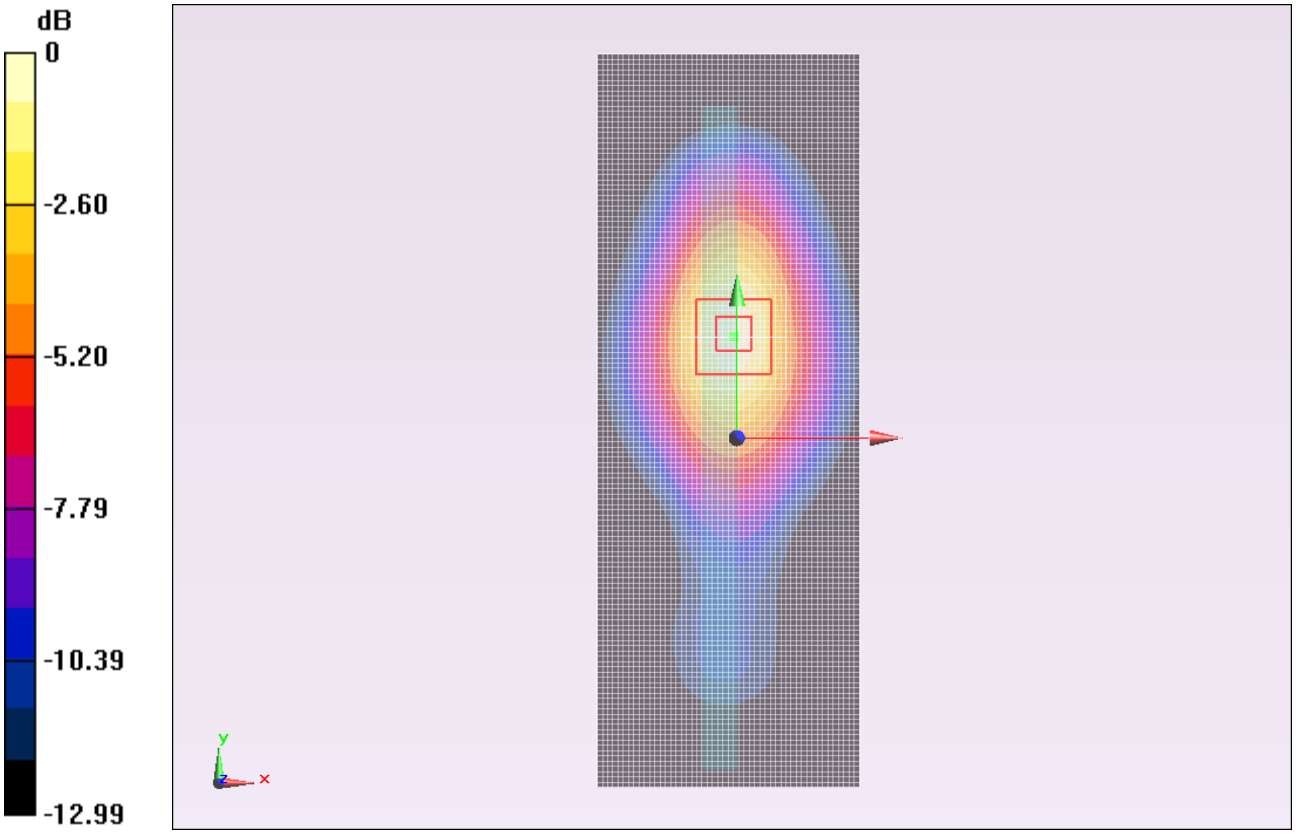
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.458 mho/m; ε_r = 51.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/H ch_16QAM_RB1_RB0_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.937 mW/g

Top Edge_Prox Off_14mm/H ch_16QAM_RB1_RB0_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.055 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.1940
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.427 mW/g
Maximum value of SAR (measured) = 0.959 mW/g



0 dB = 0.960mW/g = -0.35 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/27/2012

LTE Band 4

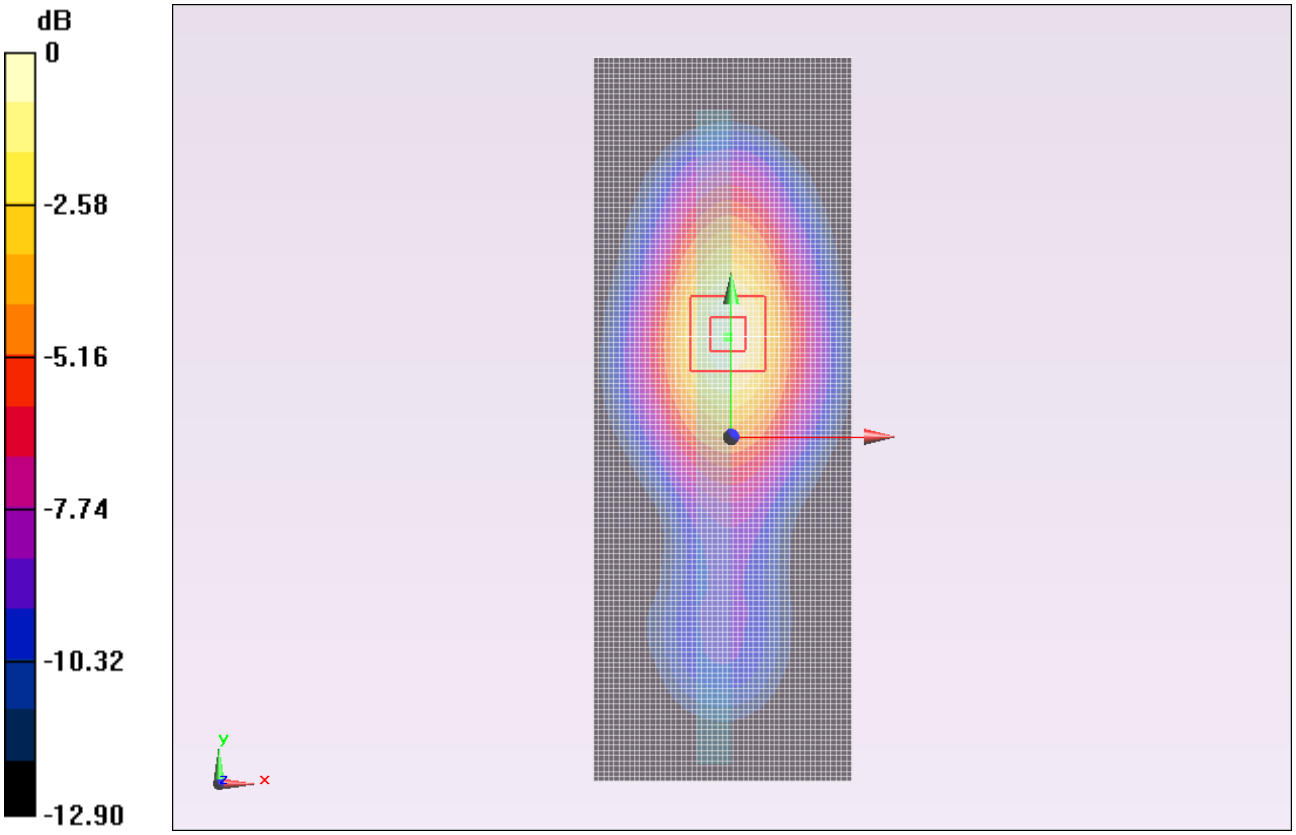
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.458 mho/m; ε_r = 51.972; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top Edge_Prox Off_14mm/H ch_16QAM_RB1_RB99_/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.965 mW/g

Top Edge_Prox Off_14mm/H ch_16QAM_RB1_RB99_/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.555 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.2260
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.982 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 5:49:44 PM

LTE Band 4

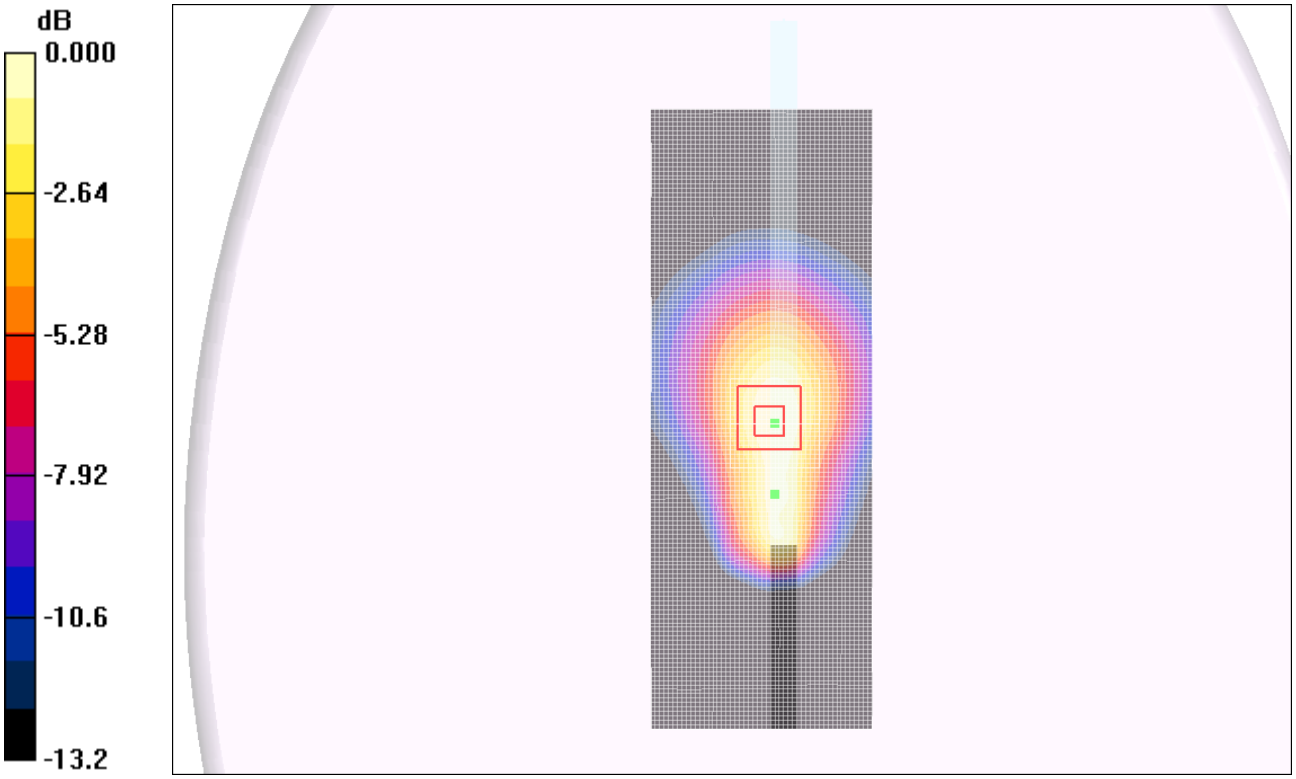
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_L-Ch_QPSK_RB50_RB24_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.760 mW/g

Top Edge_L-Ch_QPSK_RB50_RB24_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 22.0 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 0.918 W/kg
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.727 mW/g



0 dB = 0.727mW/g

LTE Band 4

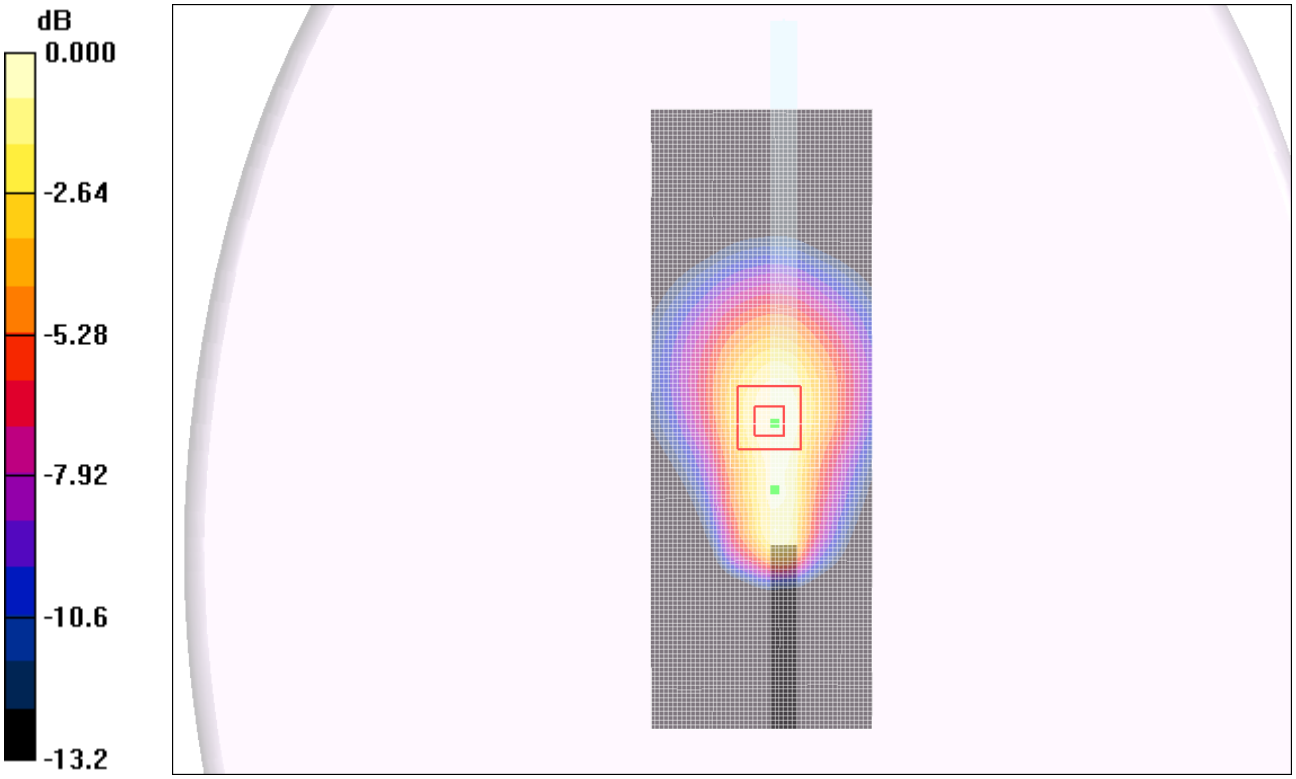
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_L-Ch_QPSK_RB1_RB0_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 mW/g

Top Edge_L-Ch_QPSK_RB1_RB0_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.0 V/m; Power Drift = 0.167 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.953 mW/g



0 dB = 0.953mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 6:30:57 PM

LTE Band 4

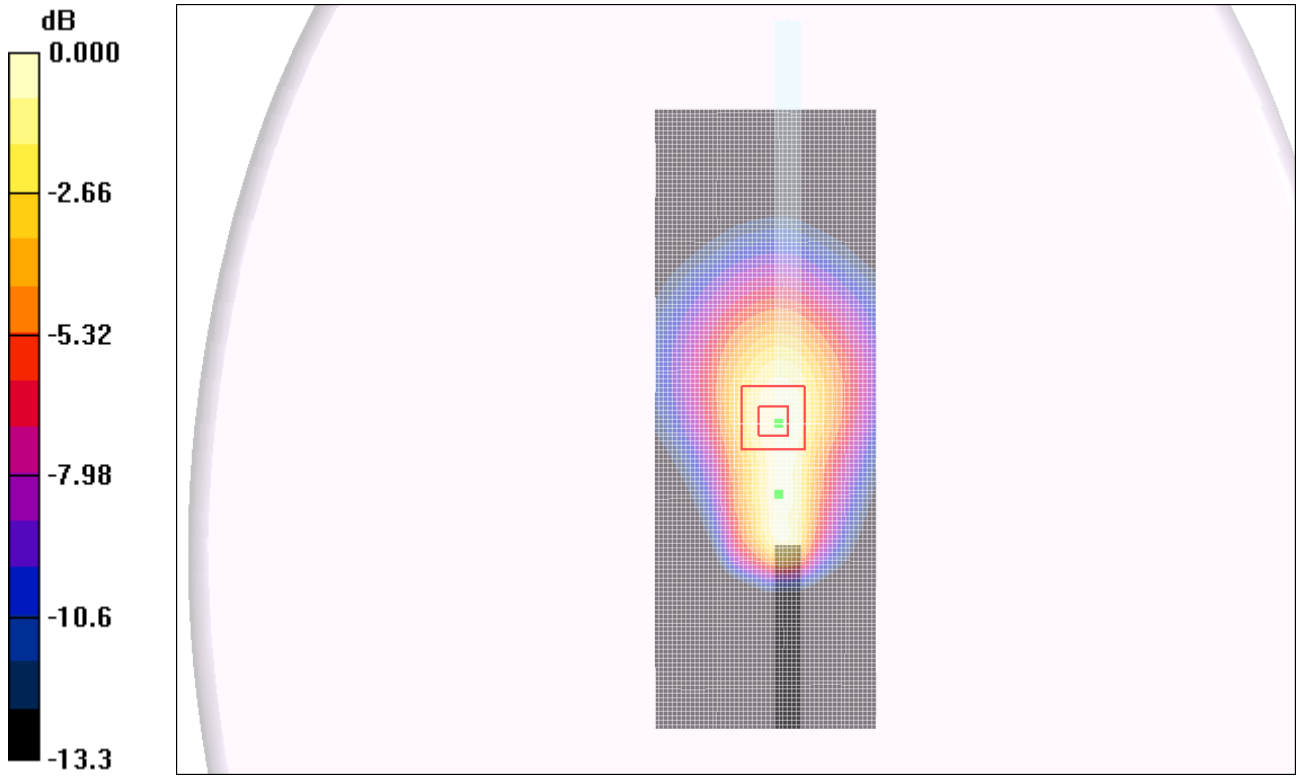
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_L-Ch_QPSK_RB1_RB99_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 mW/g

Top Edge_L-Ch_QPSK_RB1_RB99_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 24.7 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 0.913 mW/g



0 dB = 0.913mW/g

LTE Band 4

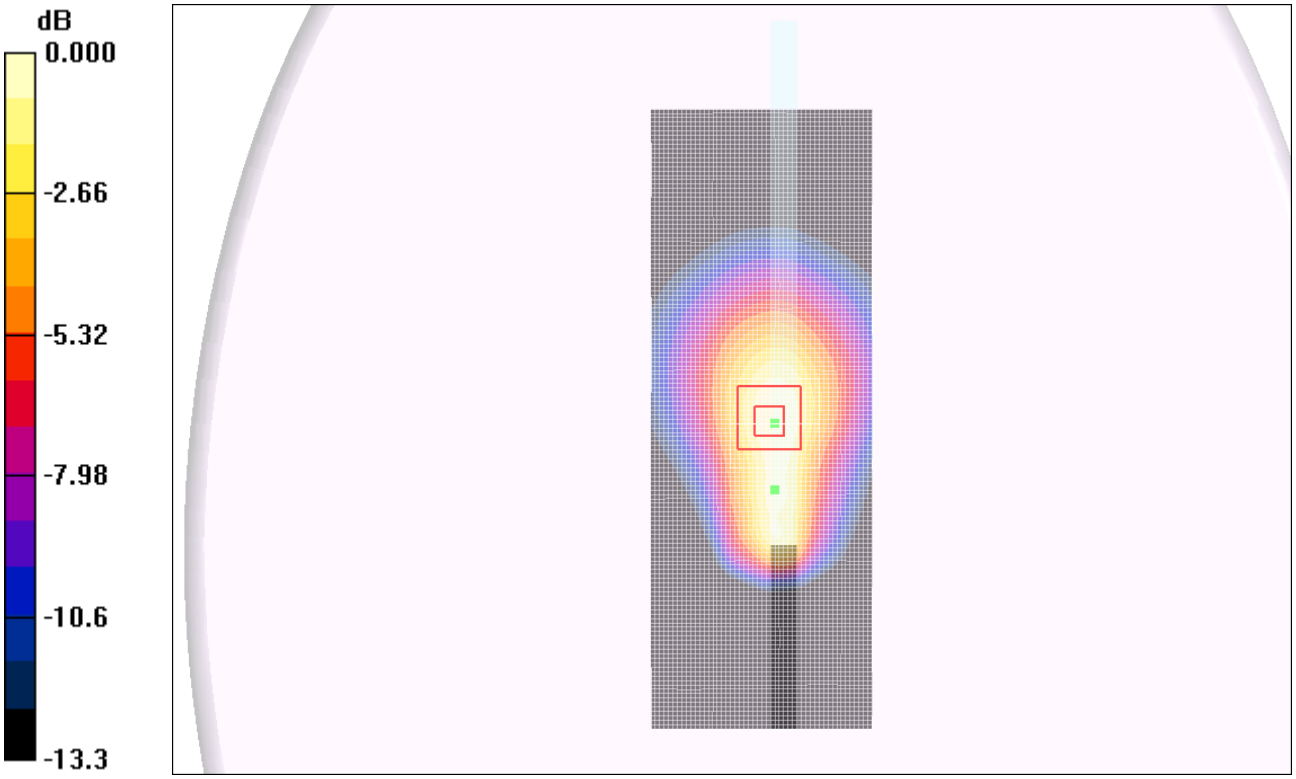
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_L-Ch_16QAM_RB50_RB24_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.600 mW/g

Top Edge_L-Ch_16QAM_RB50_RB24_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 19.6 V/m; Power Drift = 0.188 dB
Peak SAR (extrapolated) = 0.732 W/kg
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.580 mW/g



0 dB = 0.580mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 7:14:50 PM

LTE Band 4

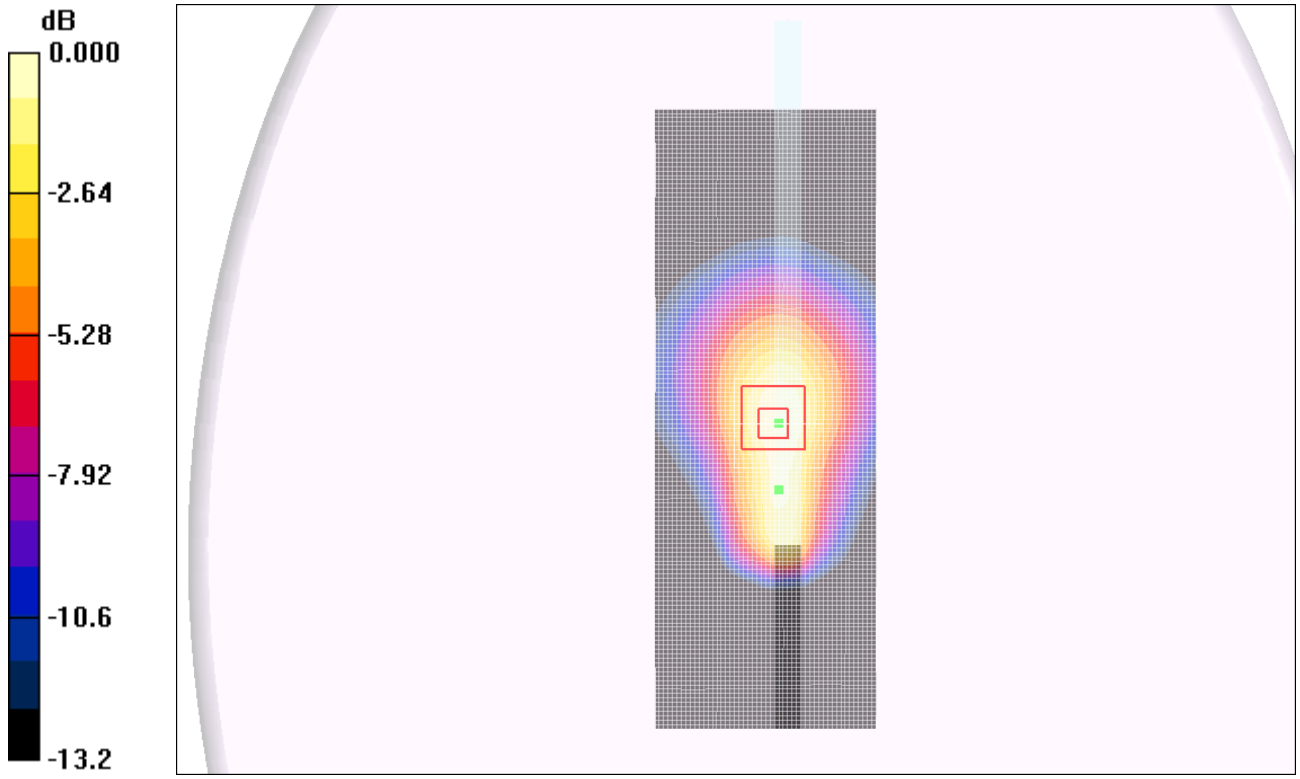
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_L-Ch_16QAM_RB1_RB0_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.842 mW/g

Top Edge_L-Ch_16QAM_RB1_RB0_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 23.2 V/m; Power Drift = 0.197 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.819mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 7:36:10 PM

LTE Band 4

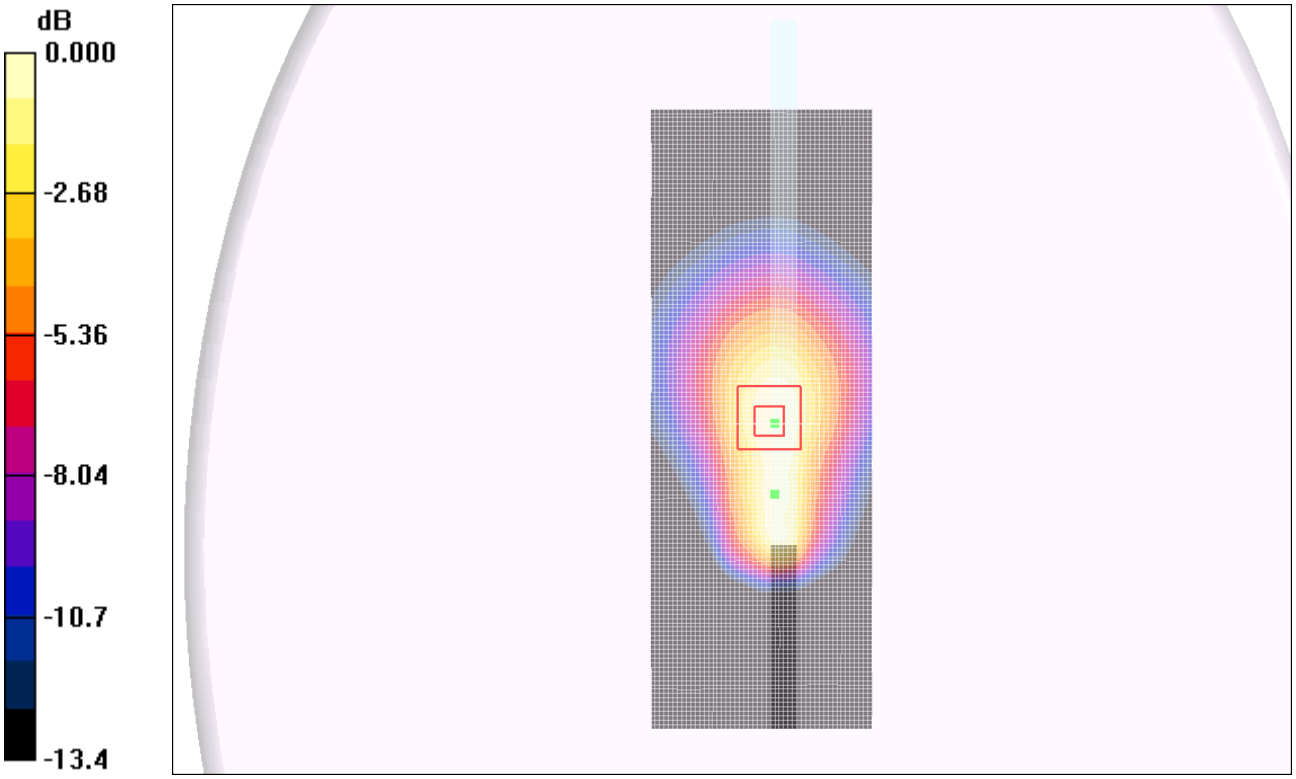
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_L-Ch_16QAM_RB1_RB99_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.804 mW/g

Top Edge_L-Ch_16QAM_RB1_RB99_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 22.6 V/m; Power Drift = 0.192 dB
Peak SAR (extrapolated) = 0.970 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

LTE Band 4

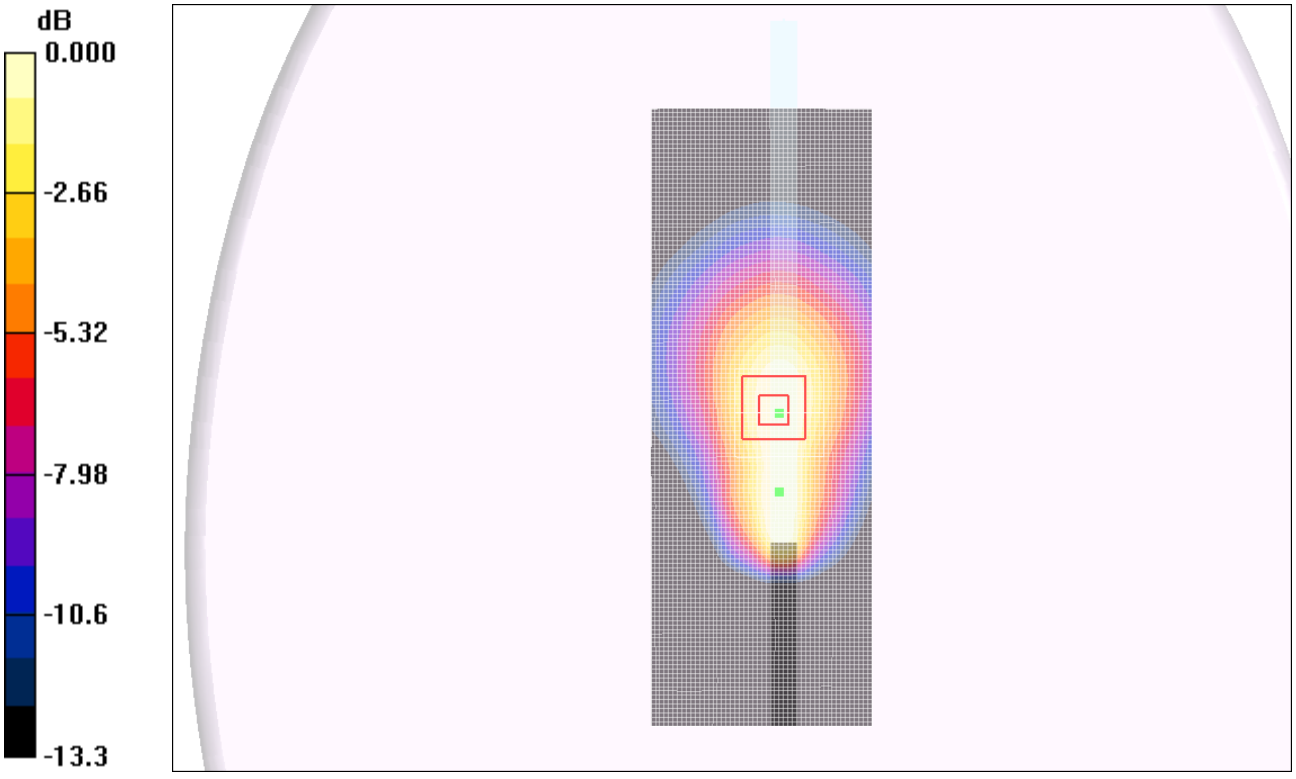
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_M-Ch_QPSK_RB50_RB24_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.787 mW/g

Top Edge_M-Ch_QPSK_RB50_RB24_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 21.9 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.343 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.711 mW/g



0 dB = 0.711mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 12:26:22 PM

LTE Band 4

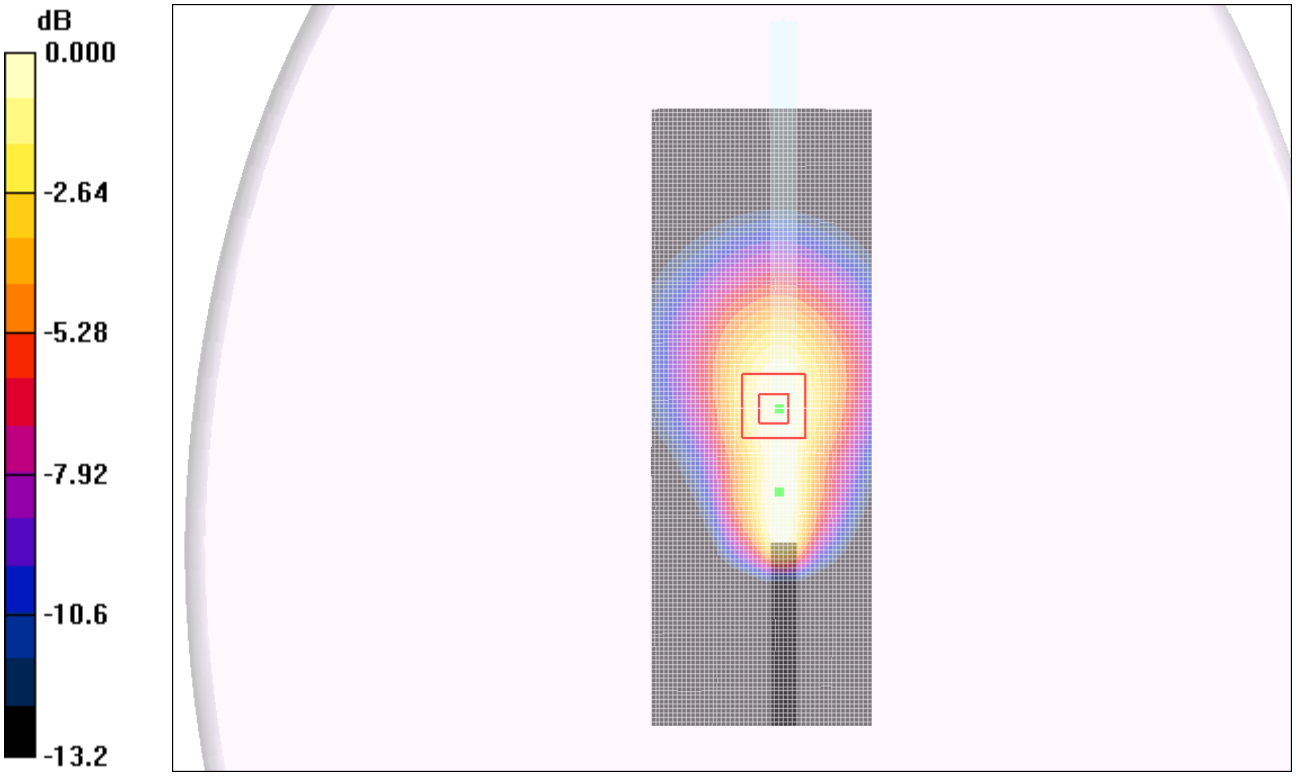
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_M-Ch_QPSK_RB1_RB0_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.979 mW/g

Top Edge_M-Ch_QPSK_RB1_RB0_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 24.4 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.426 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.881 mW/g



0 dB = 0.881mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 1:09:13 PM

LTE Band 4

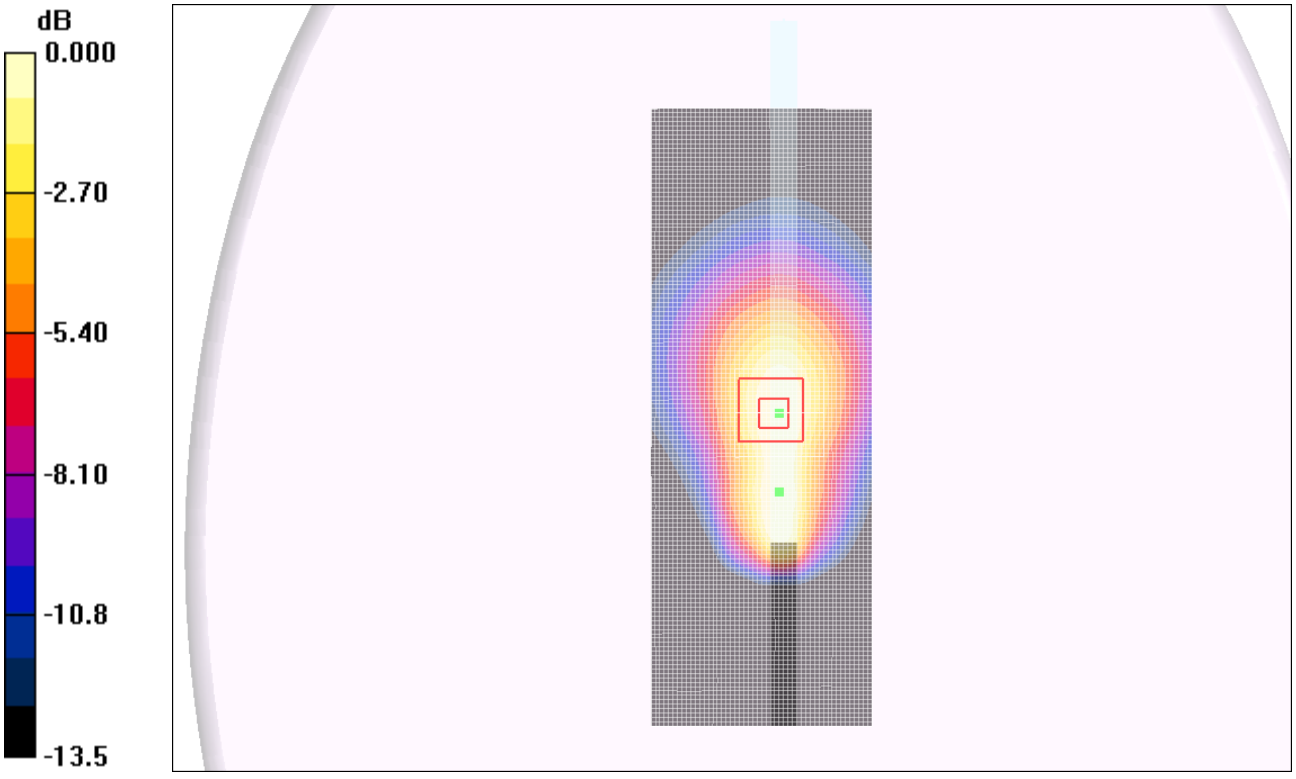
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_M-Ch_QPSK_RB1_RB99_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.00 mW/g

Top Edge_M-Ch_QPSK_RB1_RB99_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.2 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.452 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.942mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 2:11:53 PM

LTE Band 4

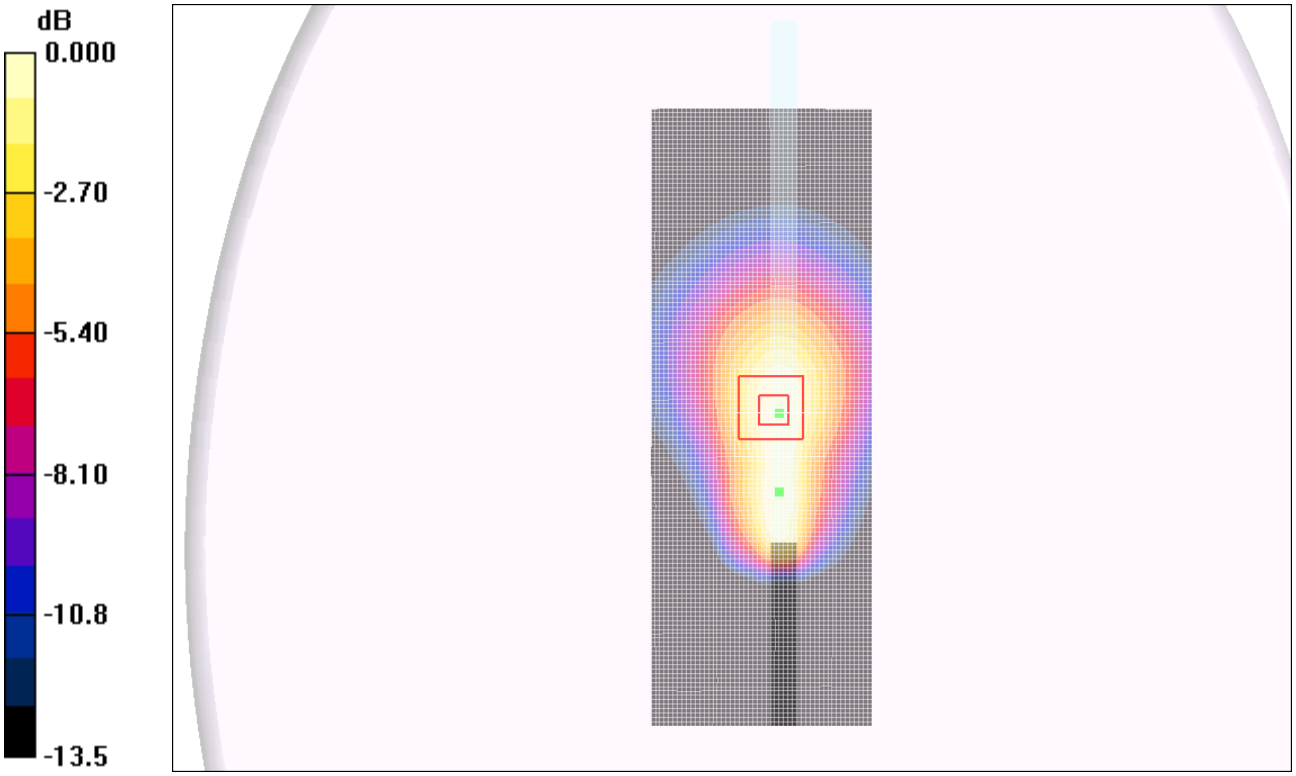
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_M-Ch_16QAM_RB50_RB24_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.637 mW/g

Top Edge_M-Ch_16QAM_RB50_RB24_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 20.1 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.288 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

LTE Band 4

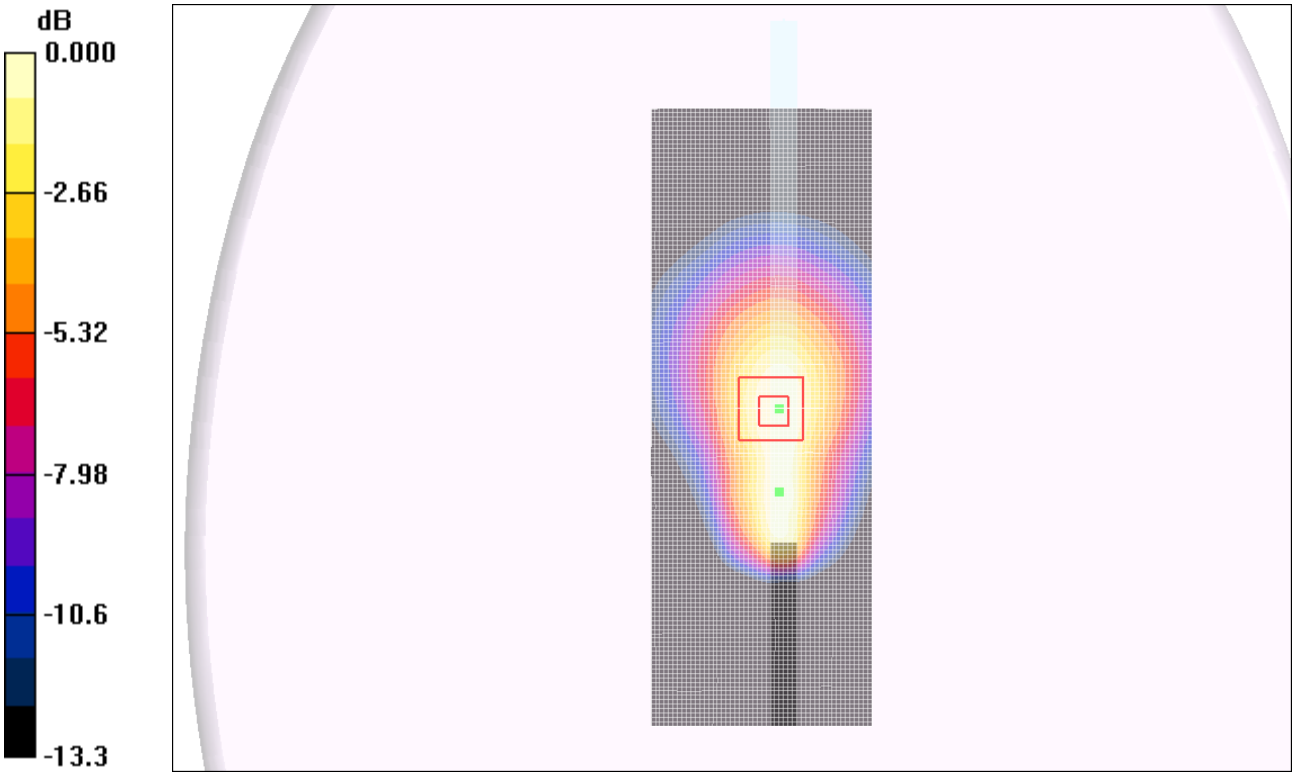
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_M-Ch_16QAM_RB1_RB0_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.825 mW/g

Top Edge_M-Ch_16QAM_RB1_RB0_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 22.7 V/m; Power Drift = 0.174 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.374 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 1:31:27 PM

LTE Band 4

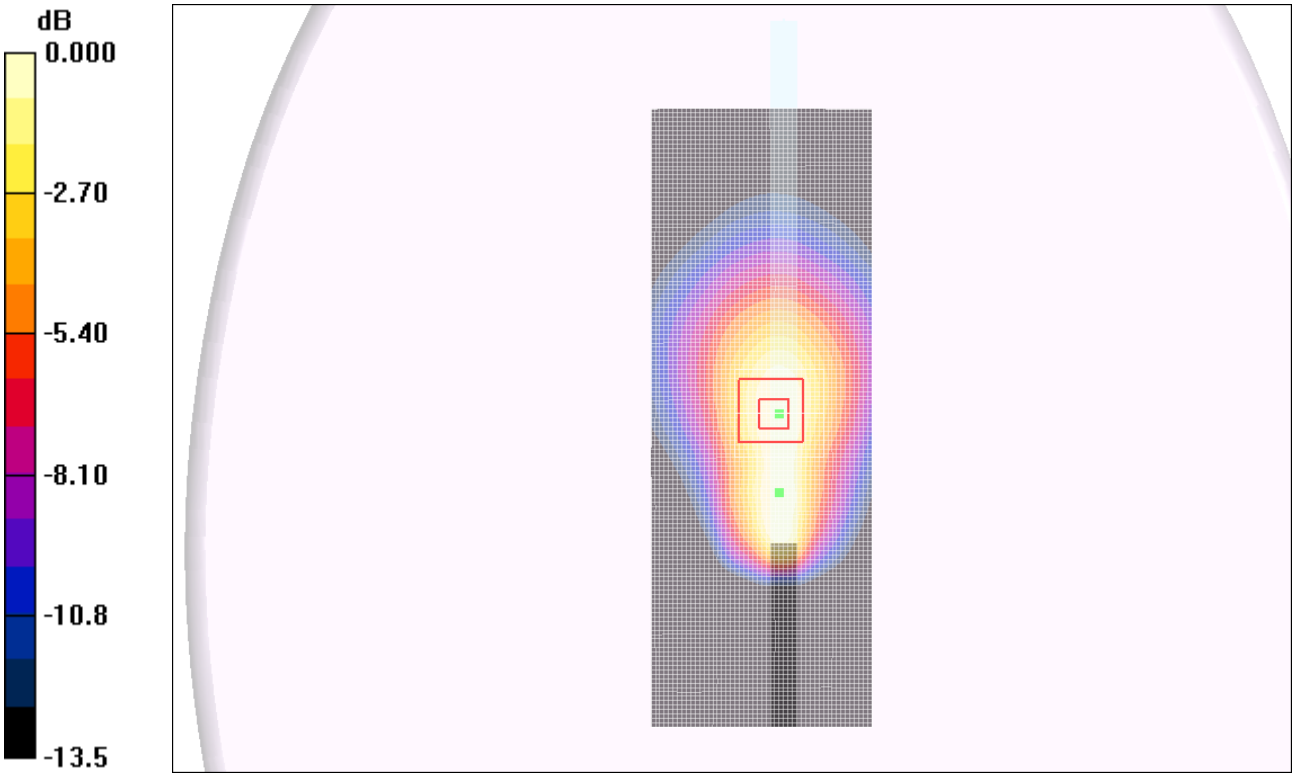
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_M-Ch_16QAM_RB1_RB99_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.852 mW/g

Top Edge_M-Ch_16QAM_RB1_RB99_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 23.1 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.386 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.801 mW/g



0 dB = 0.801mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 3:04:47 PM

LTE Band 4

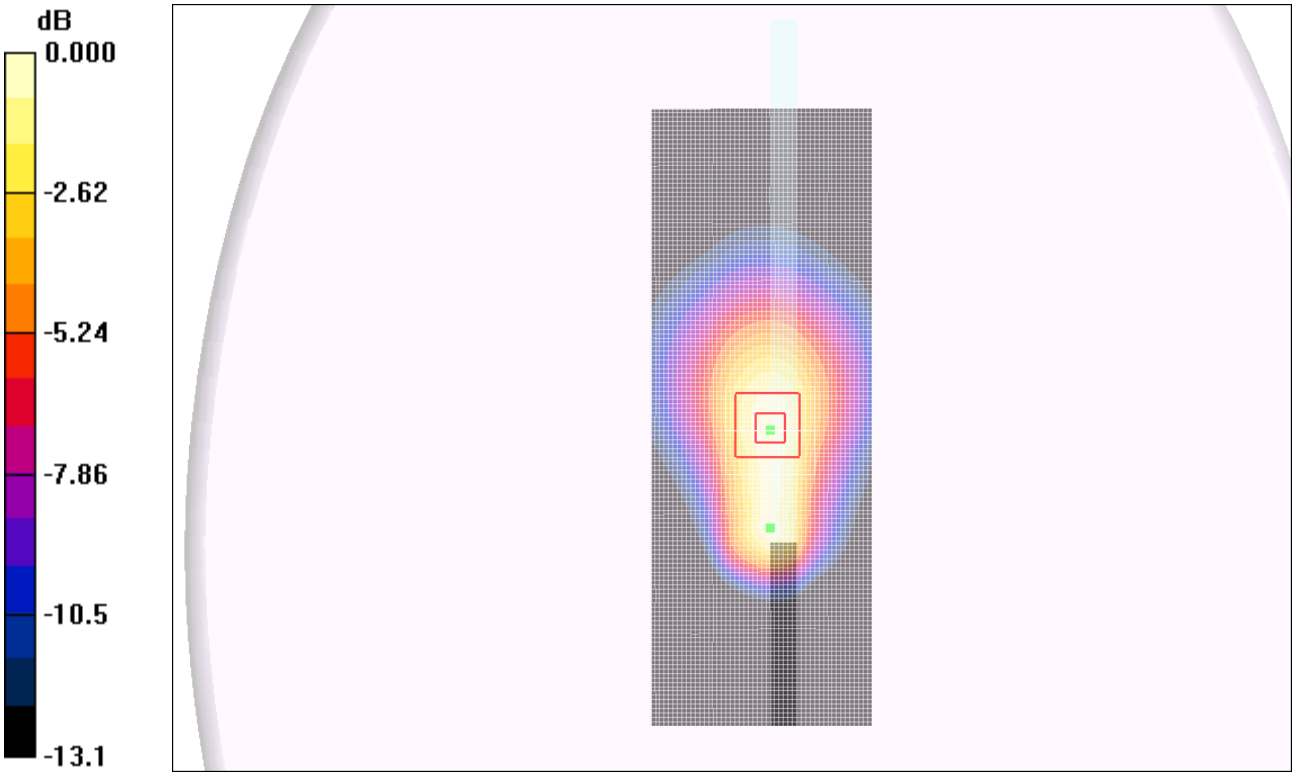
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.49 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_H-Ch_QPSK_RB50_RB24_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.799 mW/g

Top Edge_H-Ch_QPSK_RB50_RB24_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 22.7 V/m; Power Drift = 0.173 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.814 mW/g



0 dB = 0.814mW/g

LTE Band 4

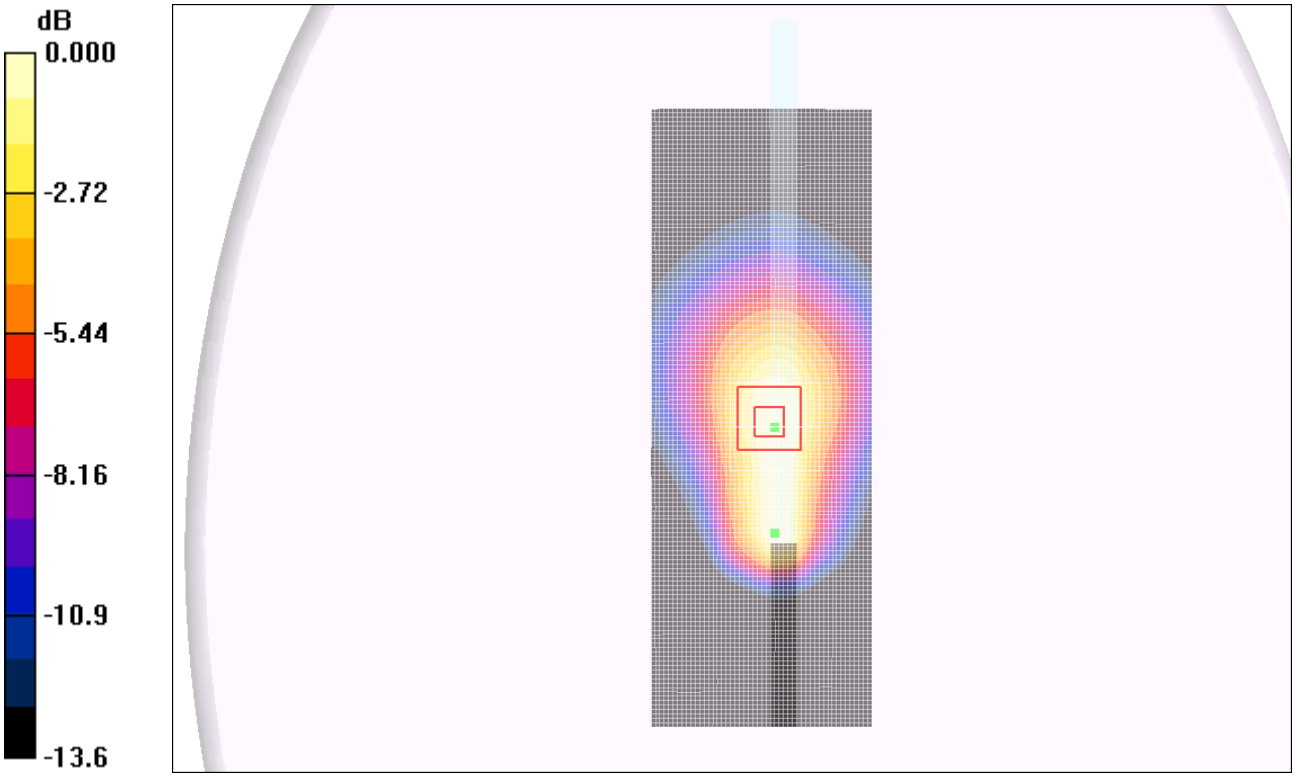
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.49 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_H-Ch_QPSK_RB1_RB0_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 mW/g

Top Edge_H-Ch_QPSK_RB1_RB0_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.2 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.991 mW/g



0 dB = 0.991mW/g

LTE Band 4

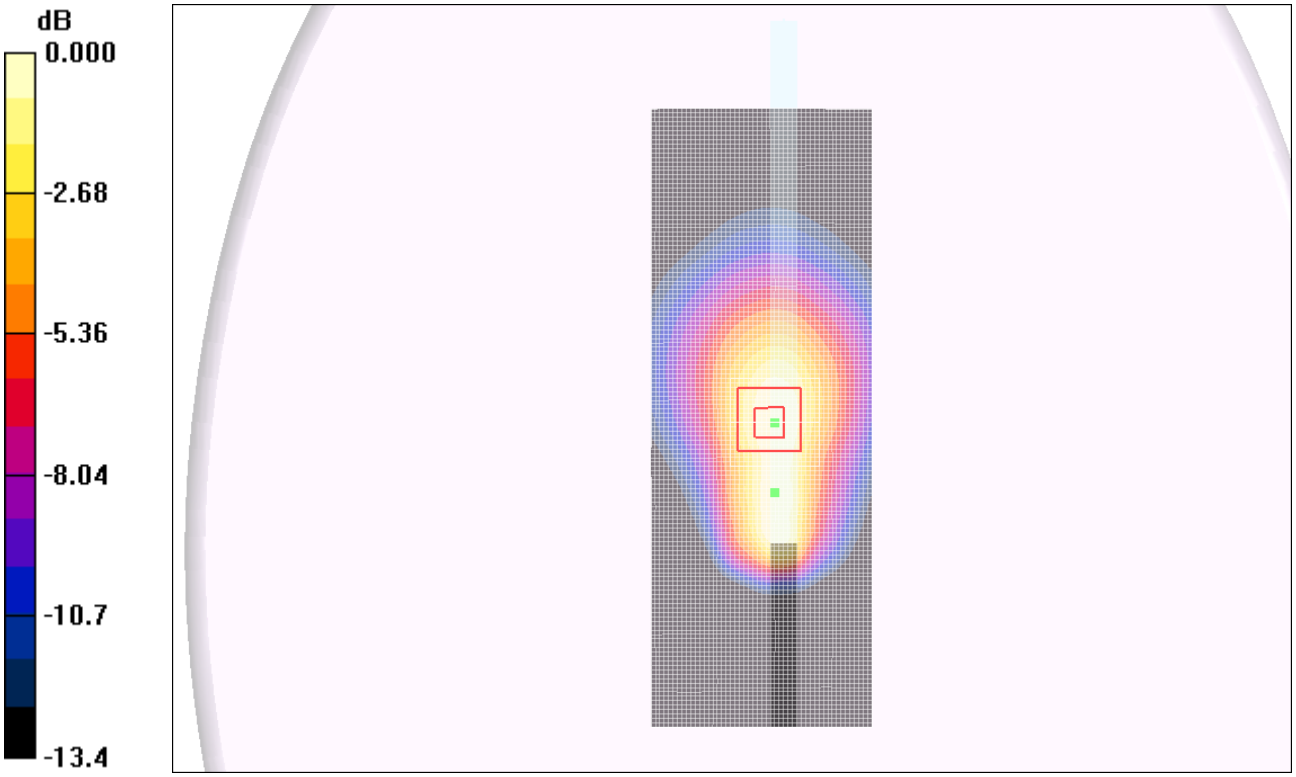
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.49 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_H-Ch_QPSK_RB1_RB99_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

Top Edge_H-Ch_QPSK_RB1_RB99_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.3 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 4:33:55 PM

LTE Band 4

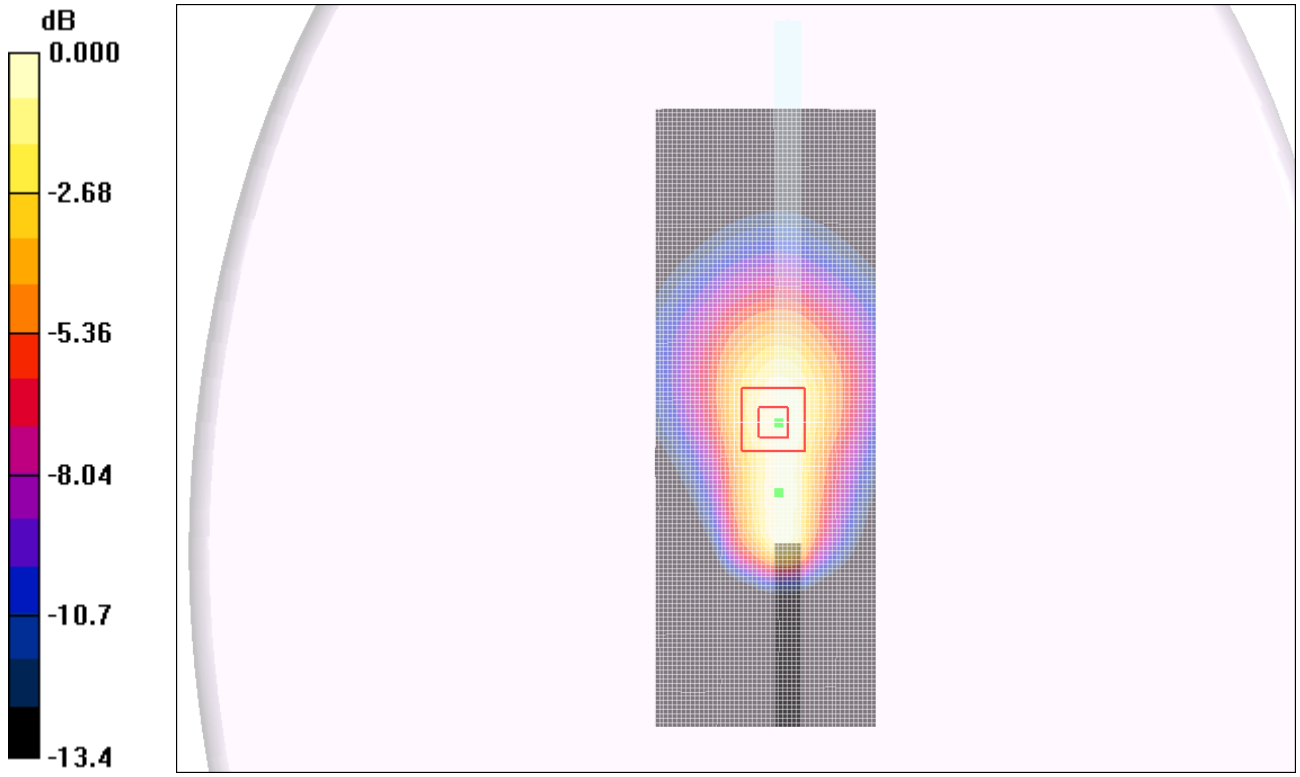
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.49 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_H-Ch_16QAM_RB50_RB24_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.662 mW/g

Top Edge_H-Ch_16QAM_RB50_RB24_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 20.2 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 0.799 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.629 mW/g



0 dB = 0.629mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 4:55:48 PM

LTE Band 4

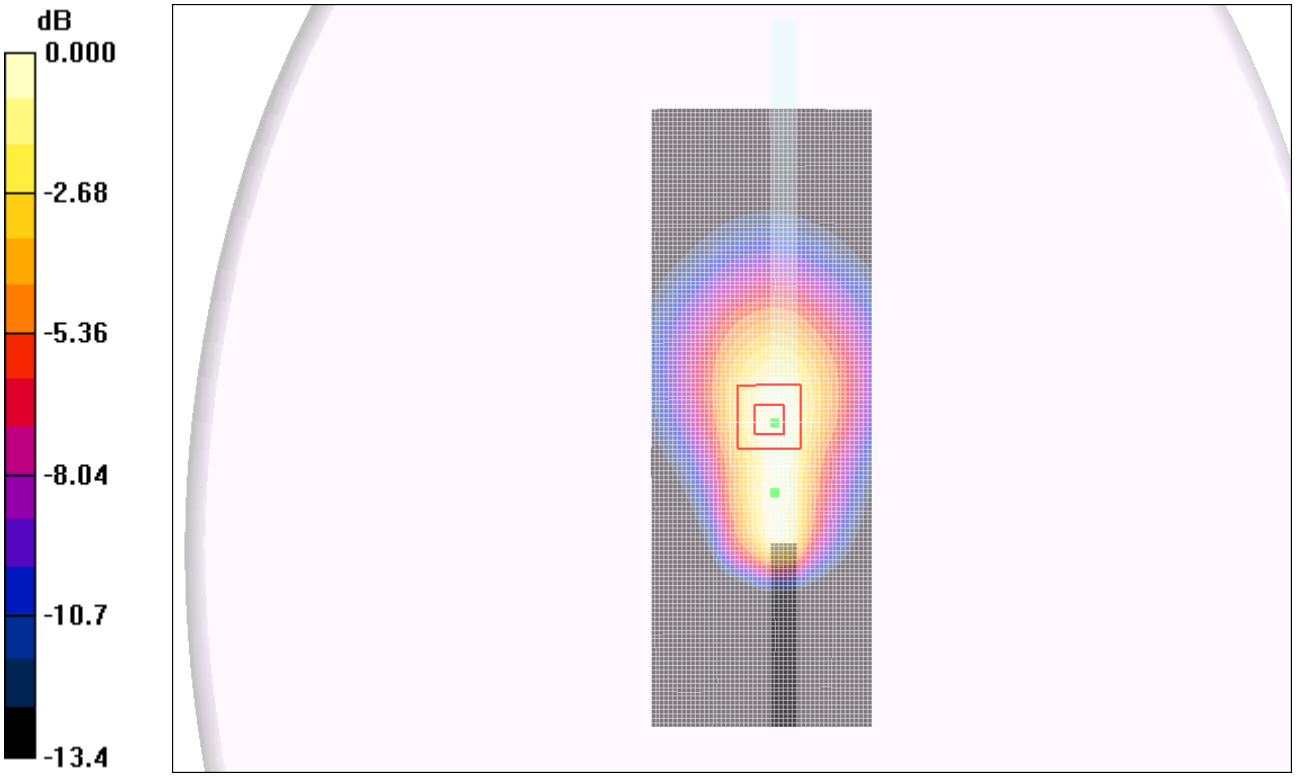
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.49 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_H-Ch_16QAM_RB1_RB0_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.827 mW/g

Top Edge_H-Ch_16QAM_RB1_RB0_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 22.6 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.796 mW/g



0 dB = 0.796mW/g

Test Laboratory: UL CCS SAR Lab D Date/Time: 2/27/2012 5:19:40 PM

LTE Band 4

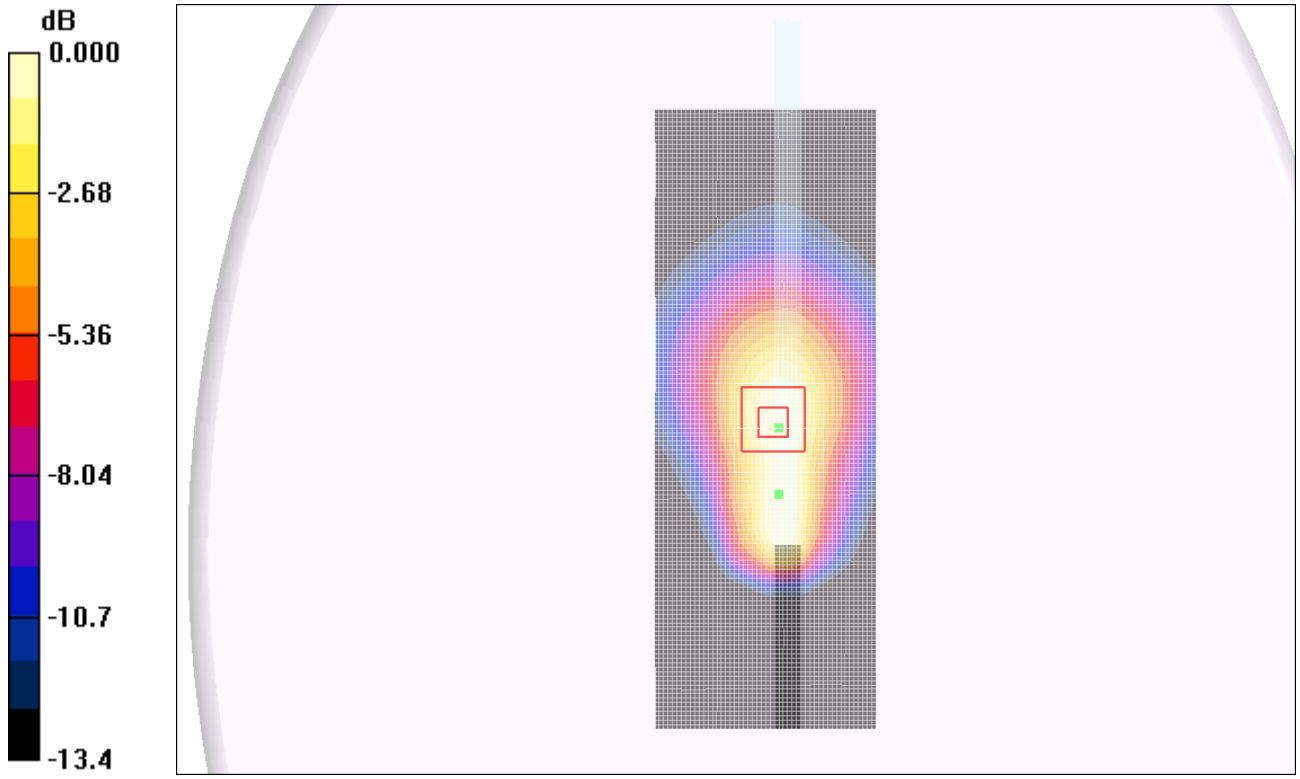
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.49 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Electronics: DAE3 Sn427; Calibrated: 1/17/2012
- Probe: EX3DV4 - SN3749; ConvF(7.23, 7.23, 7.23); Calibrated: 1/27/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: SN:1017

Top Edge_H-Ch_16QAM_RB1_RB99_Tilt 15 deg./Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

Top Edge_H-Ch_16QAM_RB1_RB99_Tilt 15 deg./Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 23.3 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.837 mW/g



0 dB = 0.837mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

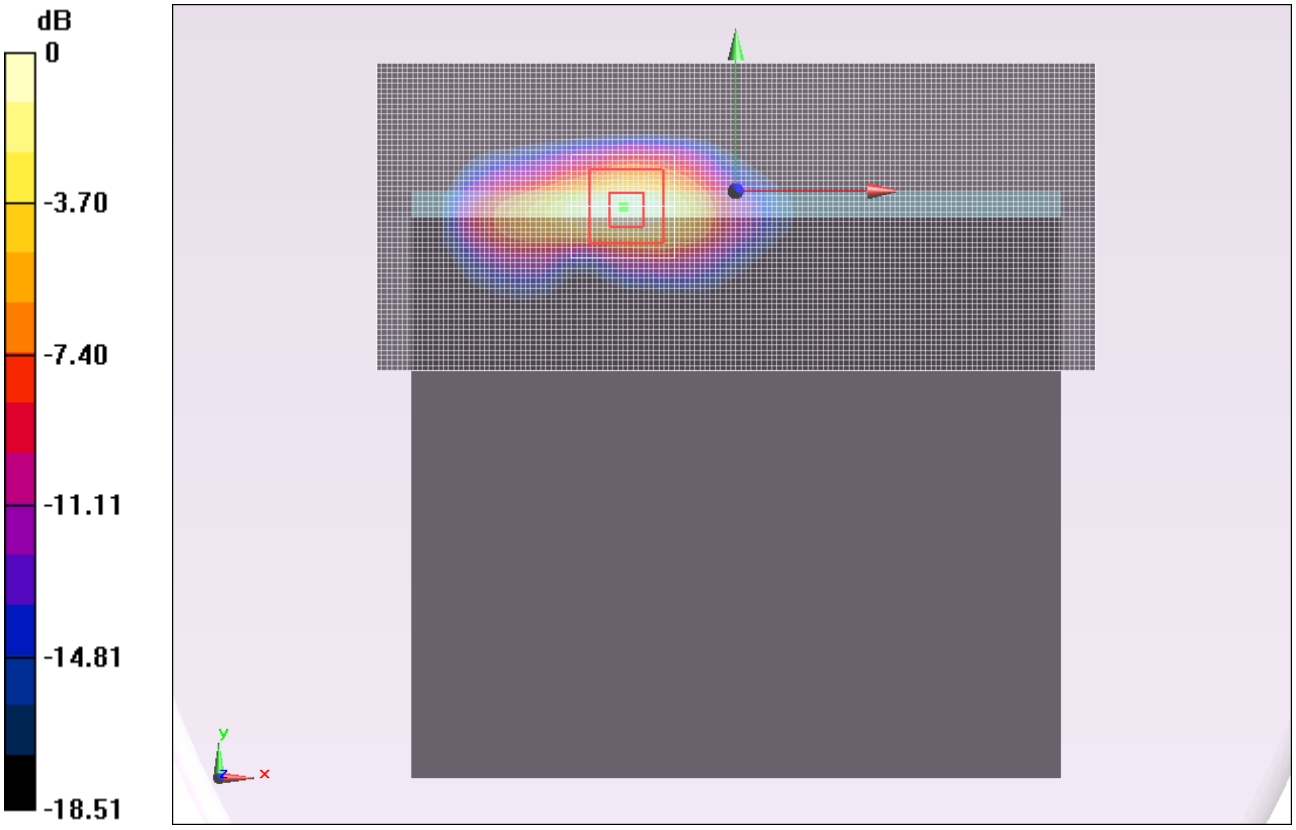
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.432 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./L ch_QPSK_RB50_RB24_/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.533 mW/g

Top_Tilt 41 deg./L ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 32.068 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.1820
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 1.508 mW/g



0 dB = 1.510mW/g = 3.58 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

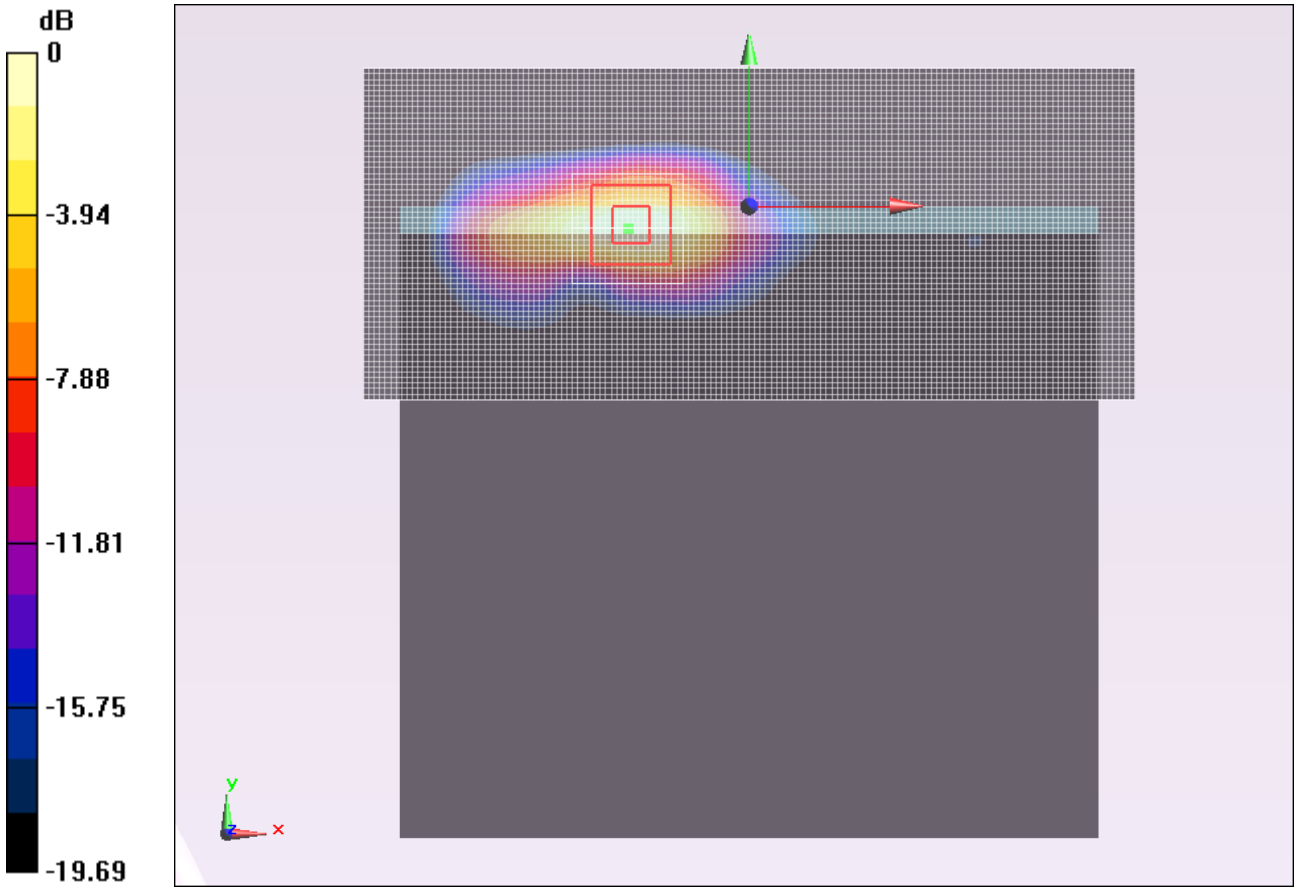
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.432 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./L ch_QPSK RB1_RB0/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.180 mW/g

Top_Tilt 41 deg./L ch_QPSK RB1_RB0/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 27.971 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.6640
SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 1.170 mW/g



0 dB = 1.170mW/g = 1.36 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

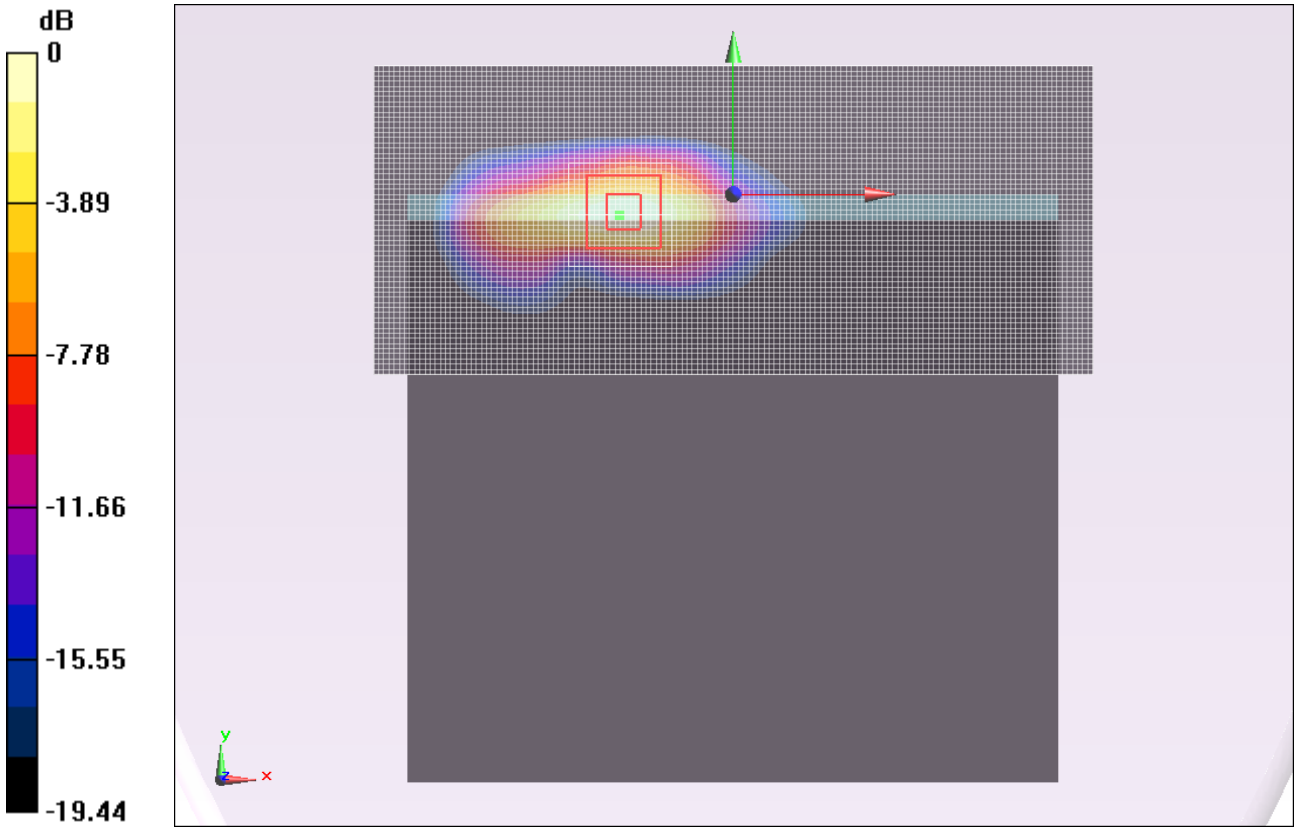
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.432 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./L ch_QPSK RB1_RB 99/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.535 mW/g

Top_Tilt 41 deg./L ch_QPSK RB1_RB 99/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 32.059 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.1630
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 1.527 mW/g



0 dB = 1.530mW/g = 3.69 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

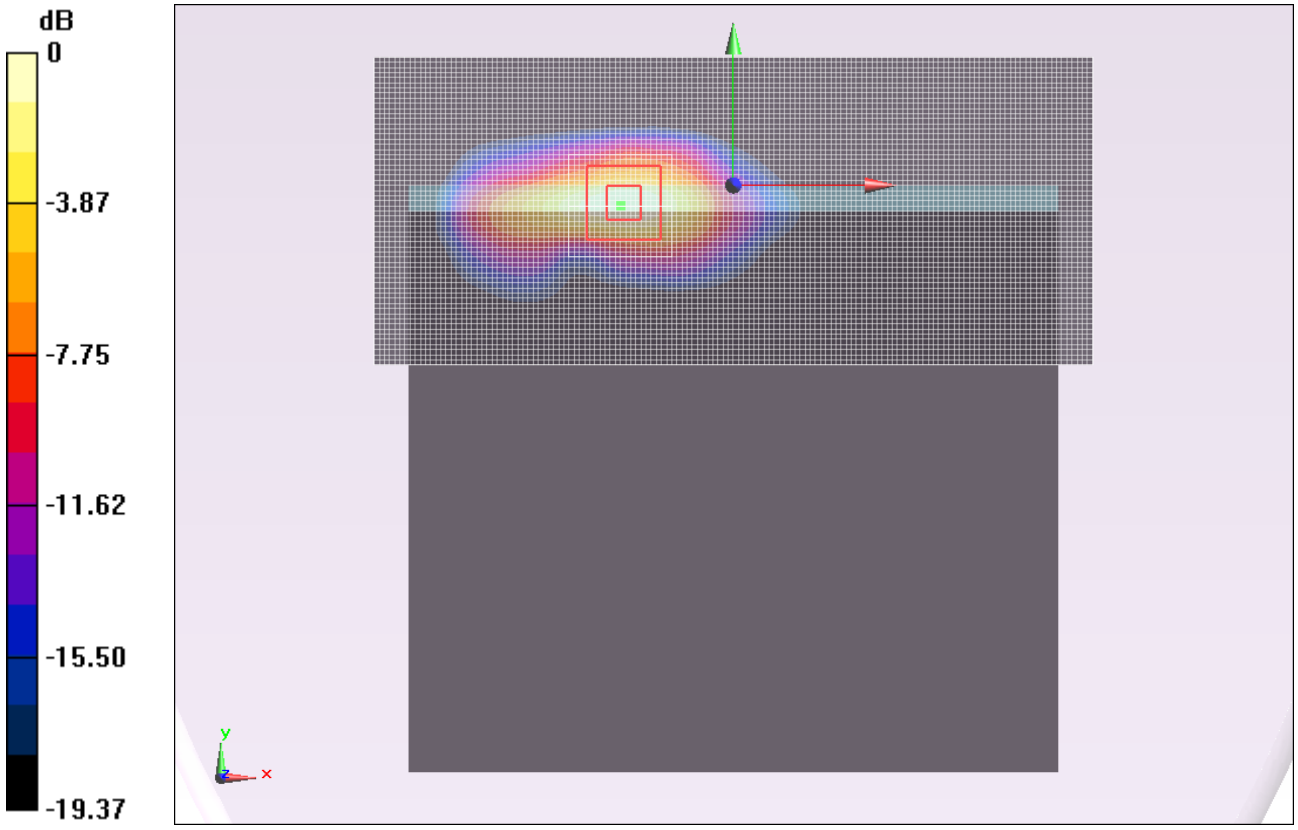
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.432 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./L ch_16QAM_RB50_RB24/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.549 mW/g

Top_Tilt 41 deg./L ch_16QAM_RB50_RB24/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 32.154 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.1930
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 1.537 mW/g



0 dB = 1.540mW/g = 3.75 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4 Tilt

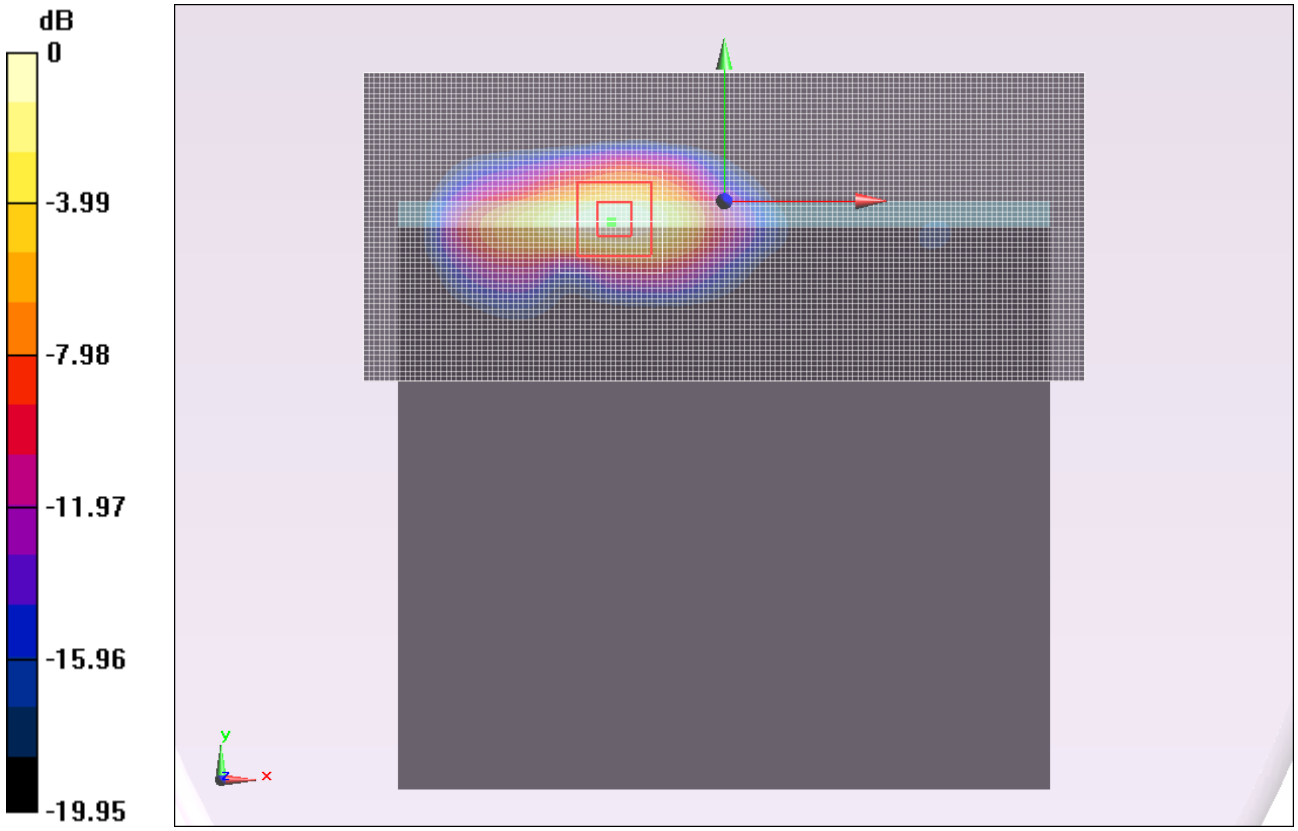
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.432 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./L ch_16QAM_RB1_RB0/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.226 mW/g

Top_Tilt 41 deg./L ch_16QAM_RB1_RB0/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.734 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.7410
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 1.222 mW/g



0 dB = 1.220mW/g = 1.73 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4 Tilt

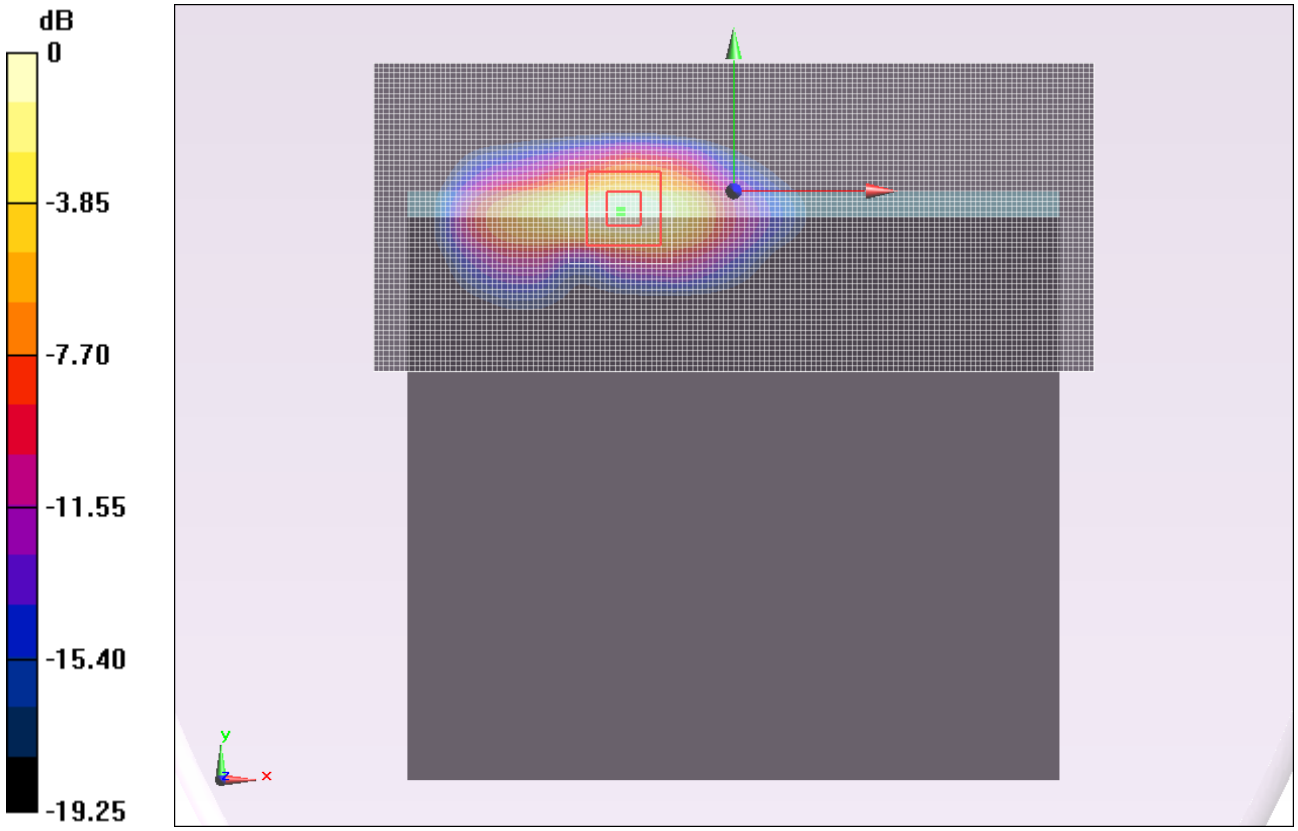
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.432 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./L ch_16QAM_RB1_RB 99/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.583 mW/g

Top_Tilt 41 deg./L ch_16QAM_RB1_RB 99/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 32.519 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.2510
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 1.592 mW/g



0 dB = 1.590mW/g = 4.03 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

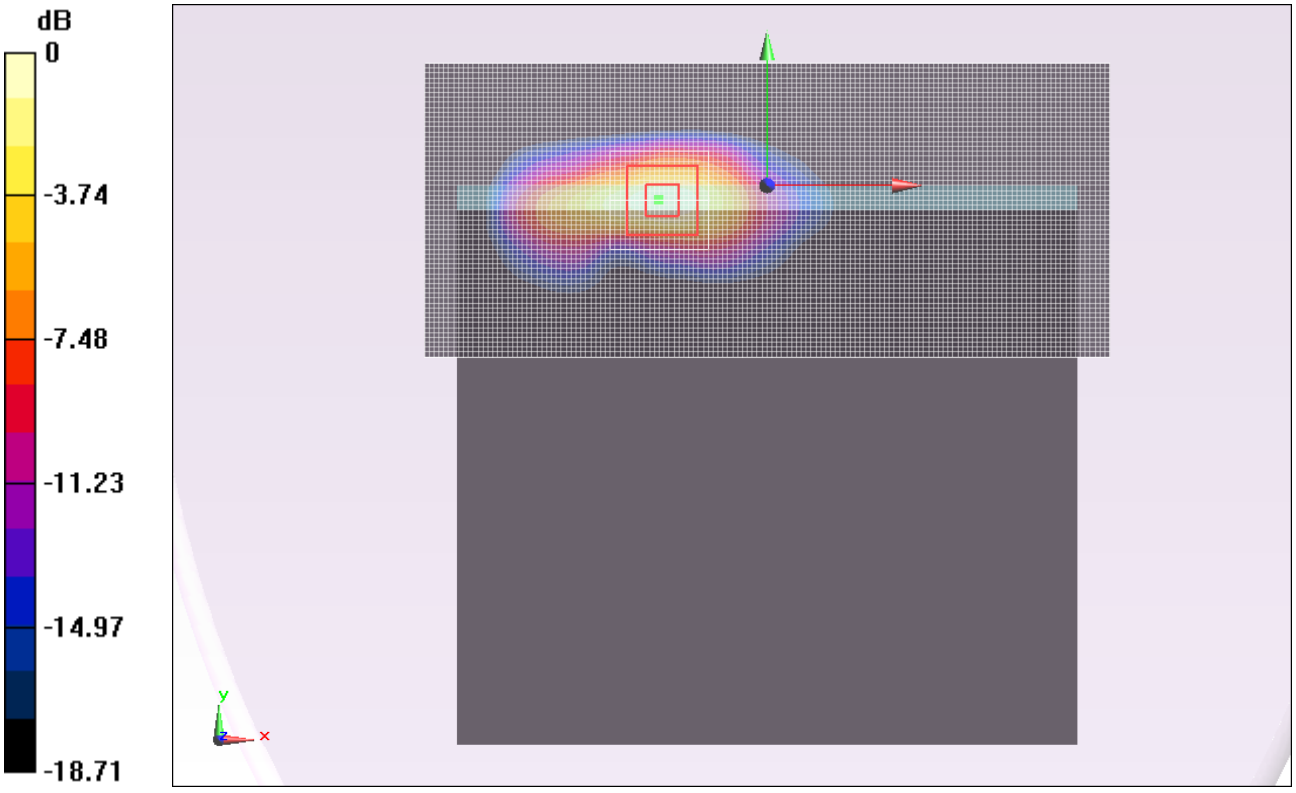
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.238; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./M ch_QPSK_RB50_RB24_/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.605 mW/g

Top_Tilt 41 deg./M ch_QPSK_RB50_RB24_/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 32.837 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.3710
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.542 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.664 mW/g



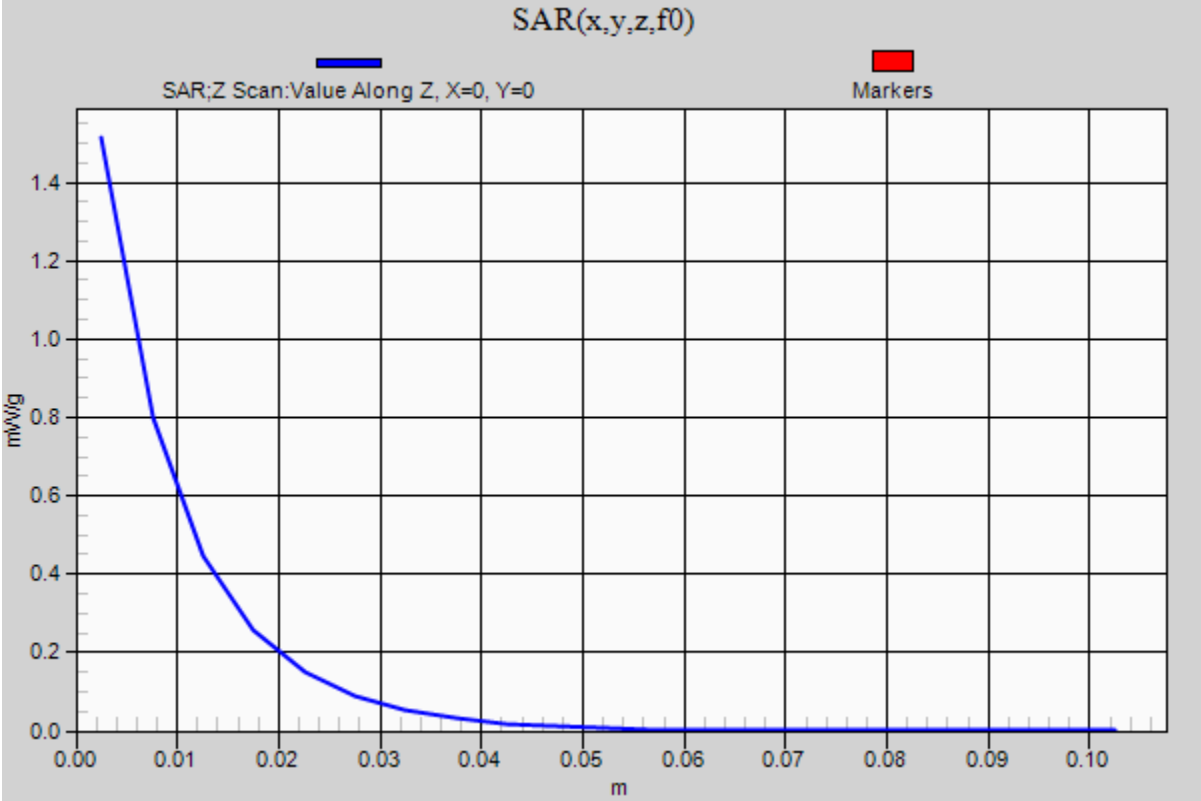
0 dB = 1.660mW/g = 4.40 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Top_Tilt 41 deg./M ch_QPSK_RB50_RB24_/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.514 mW/g



Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

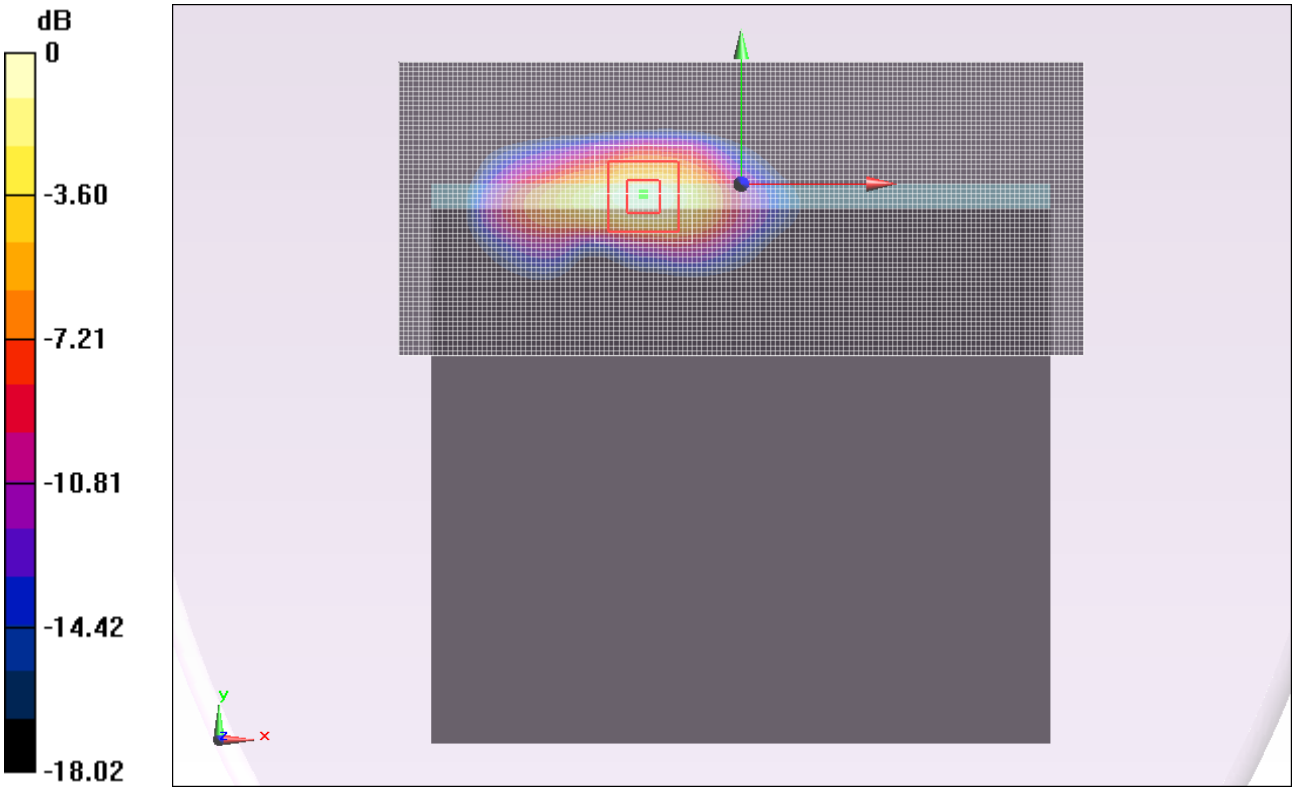
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.238; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./M ch_QPSK RB1_RB0/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.248 mW/g

Top_Tilt 41 deg./M ch_QPSK RB1_RB0/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.723 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.9240
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.443 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.335 mW/g



0 dB = 1.340mW/g = 2.54 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

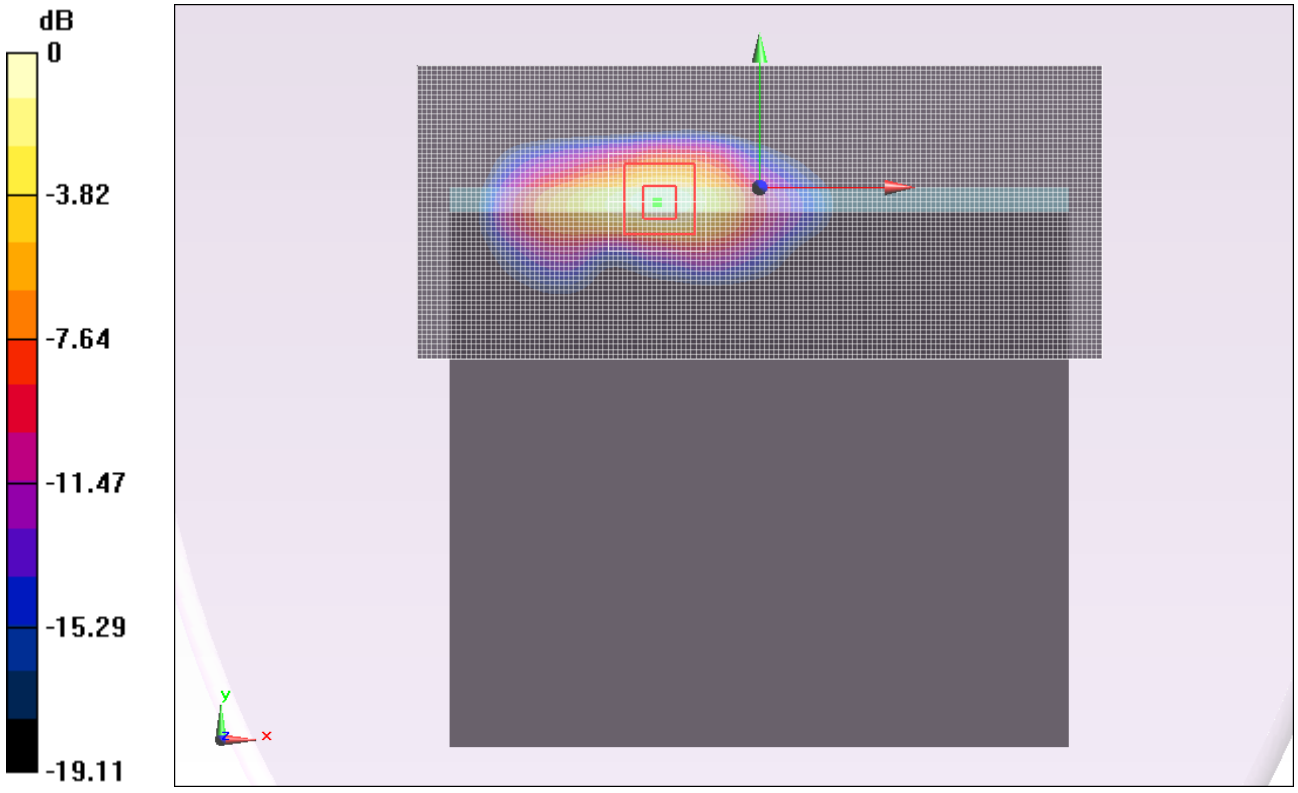
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.238; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./M ch_QPSK RB1_RB 99/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.035 mW/g

Top_Tilt 41 deg./M ch_QPSK RB1_RB 99/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 26.406 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.6280
SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.370 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.144 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/24/2012

LTE Band 4

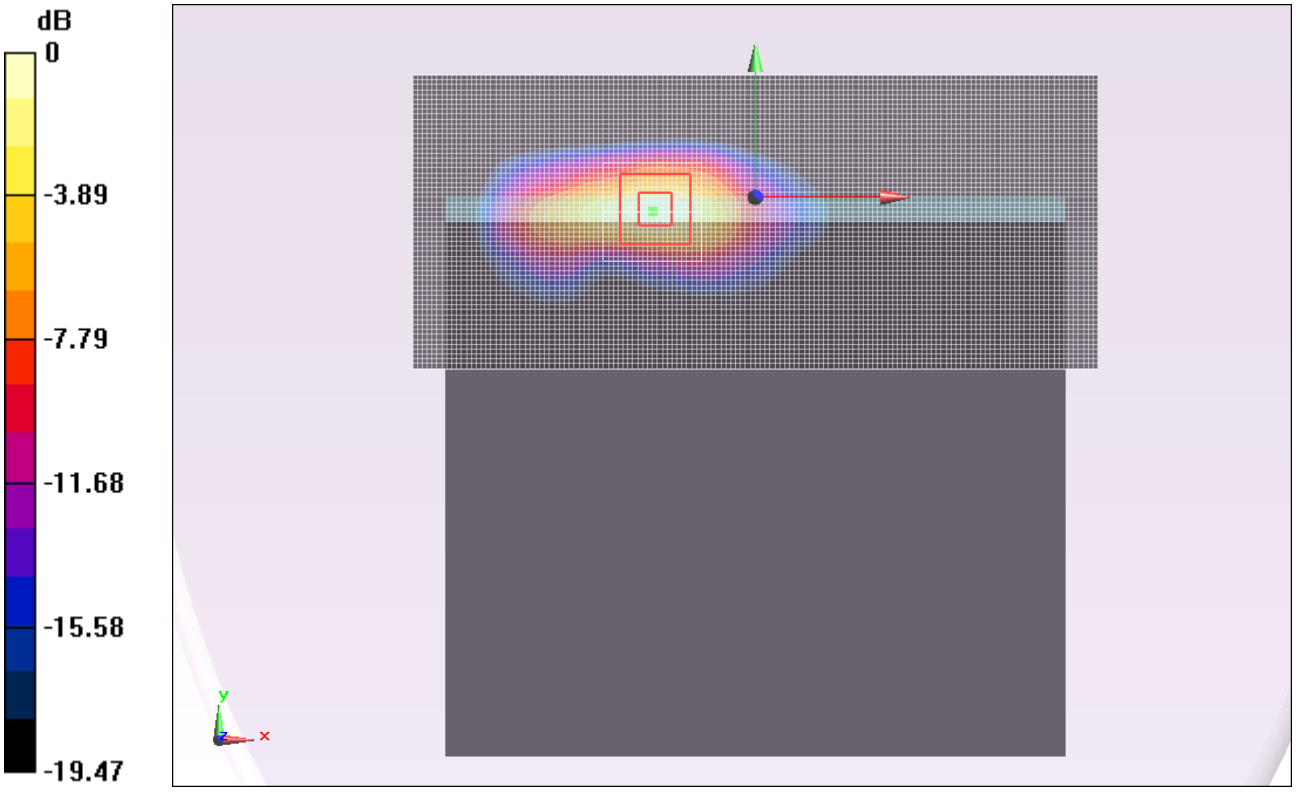
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.238; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./M ch_16QAM_RB50_RB24/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.523 mW/g

Top_Tilt 41 deg./M ch_16QAM_RB50_RB24/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 31.852 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.3850
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.539 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.667 mW/g



0 dB = 1.670mW/g = 4.45 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

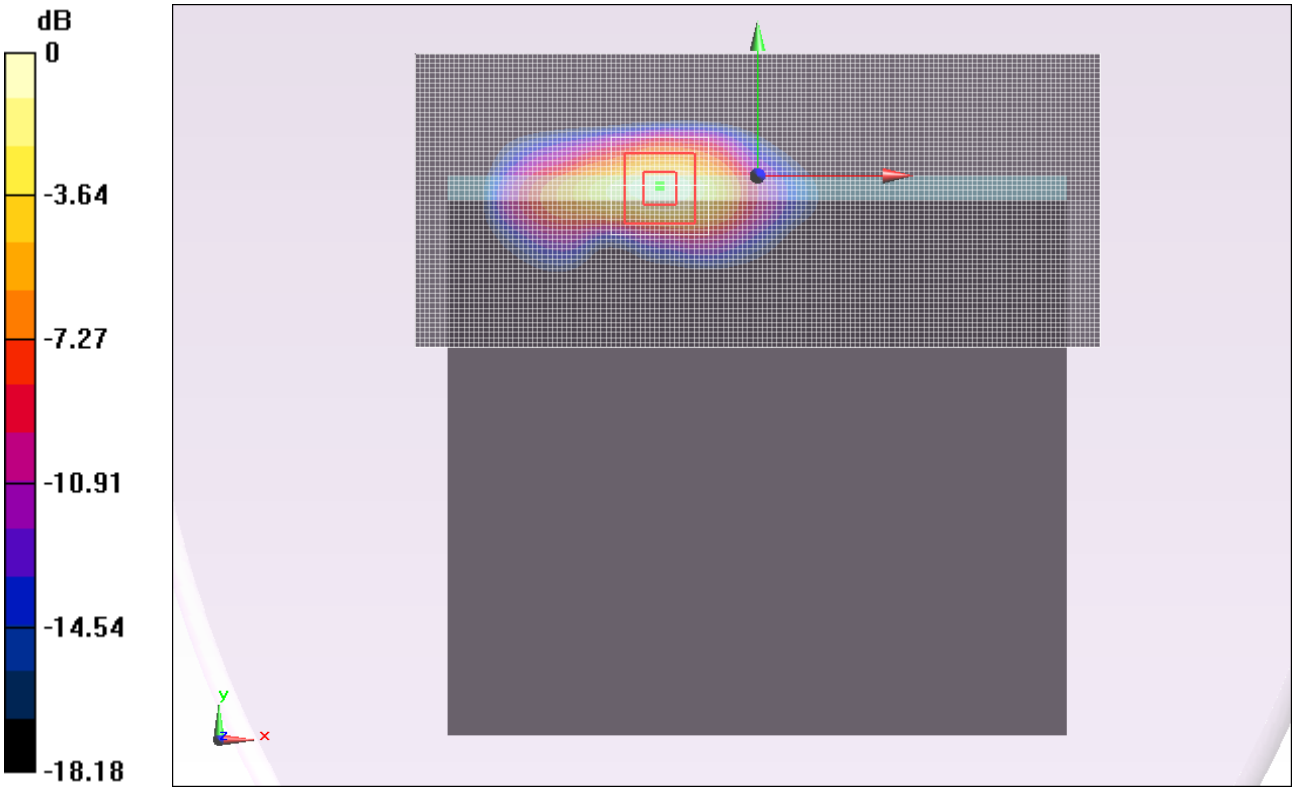
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.238; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./M ch_16QAM_RB1_RB0/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.318 mW/g

Top_Tilt 41 deg./M ch_16QAM_RB1_RB0/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 29.464 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.0300
SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.467 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.412 mW/g



0 dB = 1.410mW/g = 2.98 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 2/25/2012

LTE Band 4

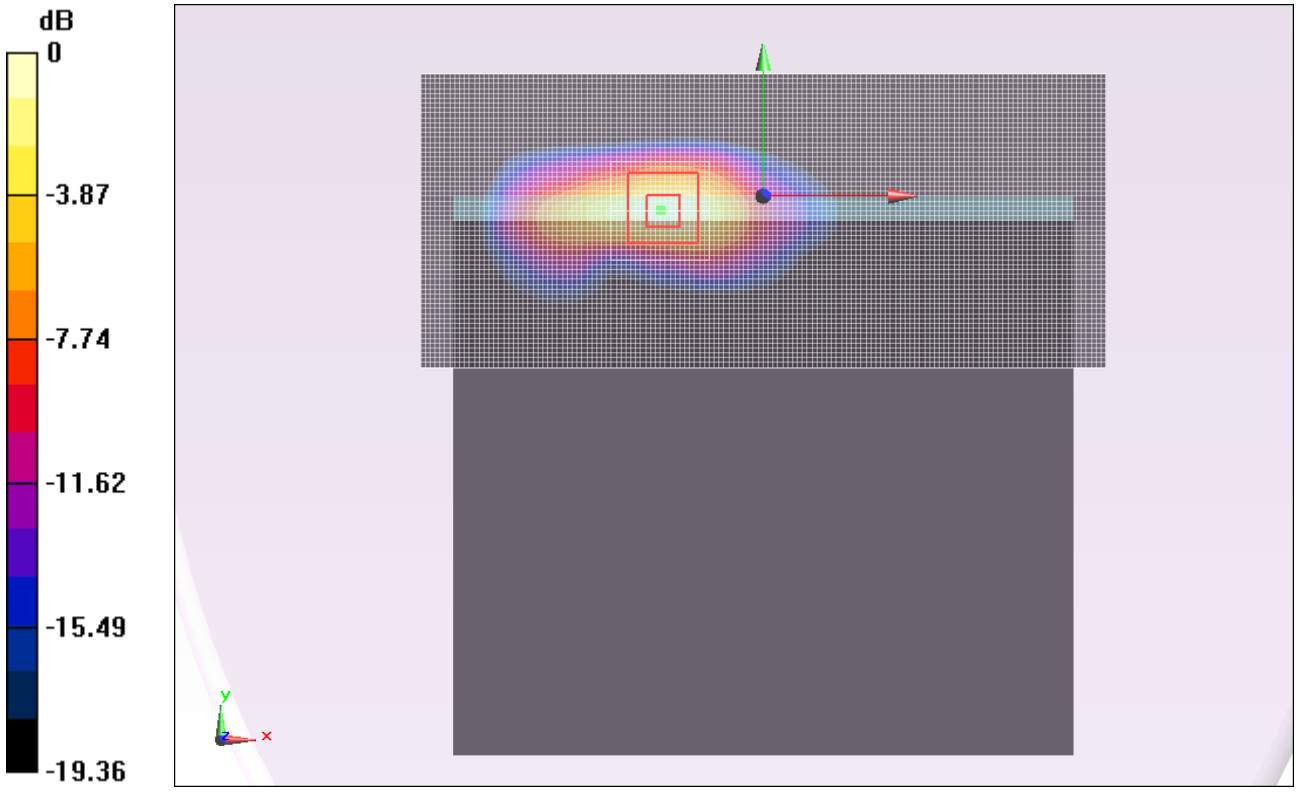
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.446 mho/m; ε_r = 51.238; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Probe: EX3DV4 - SN3772; ConvF(7.55, 7.55, 7.55); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Top_Tilt 41 deg./M ch_16QAM_RB1_RB 99/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.076 mW/g

Top_Tilt 41 deg./M ch_16QAM_RB1_RB 99/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 26.833 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.6870
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.385 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.183 mW/g



0 dB = 1.180mW/g = 1.44 dB mW/g