

20131007_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835$ MHz; $\sigma = 1.014$ S/m; $\epsilon_r = 54.405$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(8.67, 8.67, 8.67); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 35.013 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.702 W/kg

Maximum value of SAR (interpolated) = 1.24 W/kg

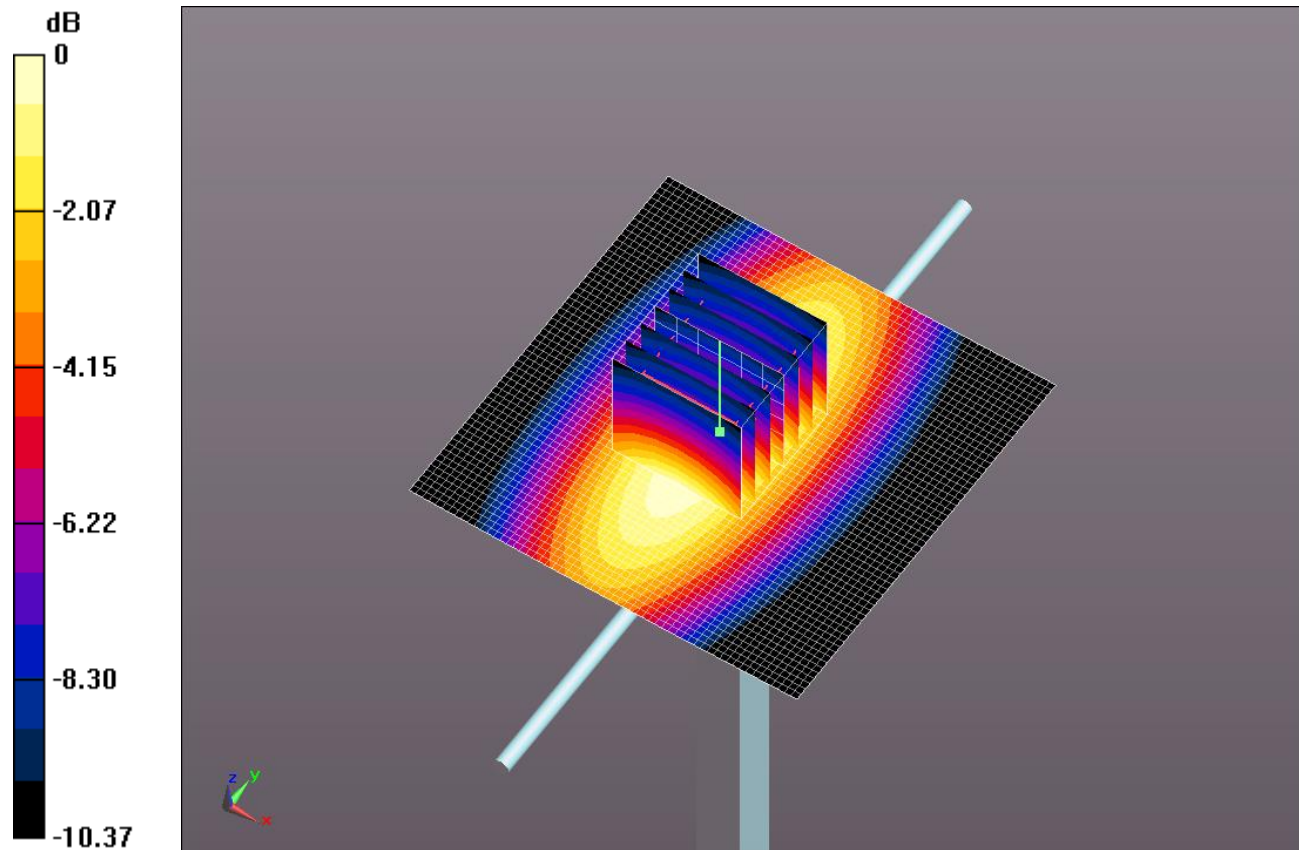
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.013 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.662 W/kg

Maximum value of SAR (measured) = 1.23 W/kg

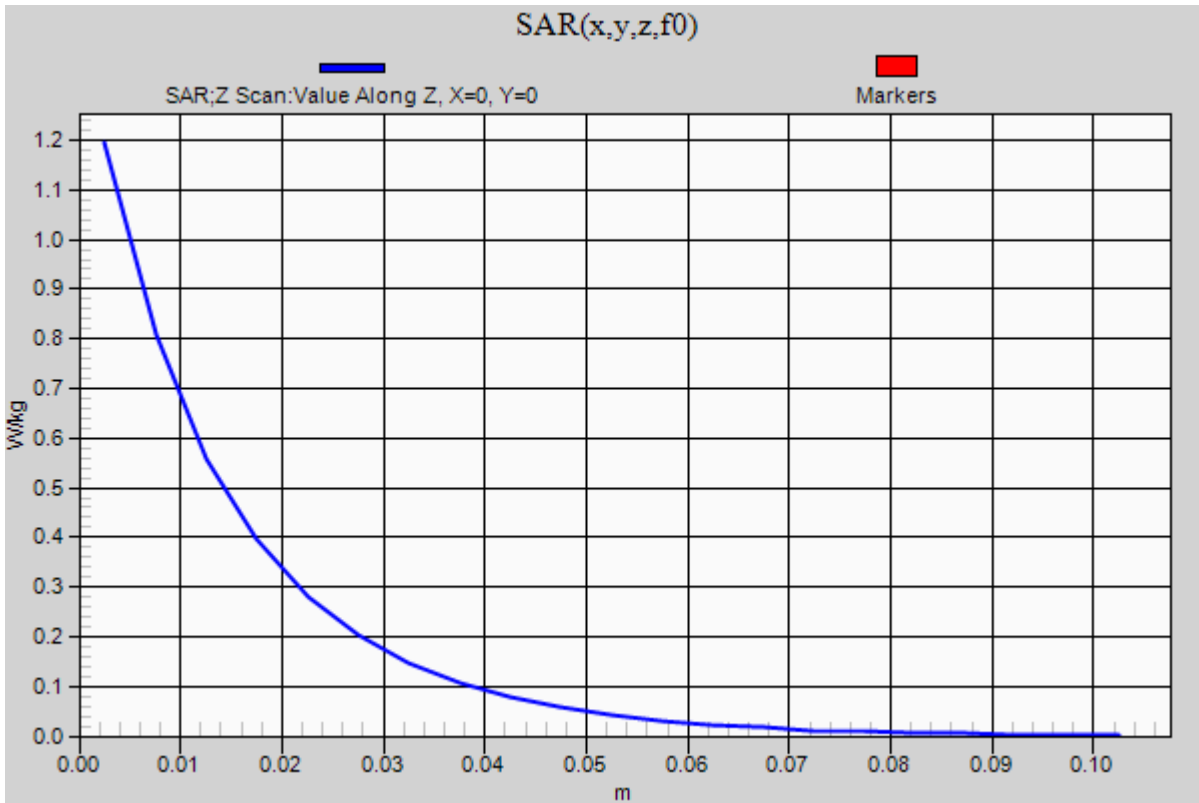


0 dB = 1.23 W/kg = 0.90 dBW/kg

20131007_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.19 W/kg



20131007_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 39.123$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(7.34, 7.34, 7.34); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 51.203 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 4.26 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (interpolated) = 5.73 W/kg

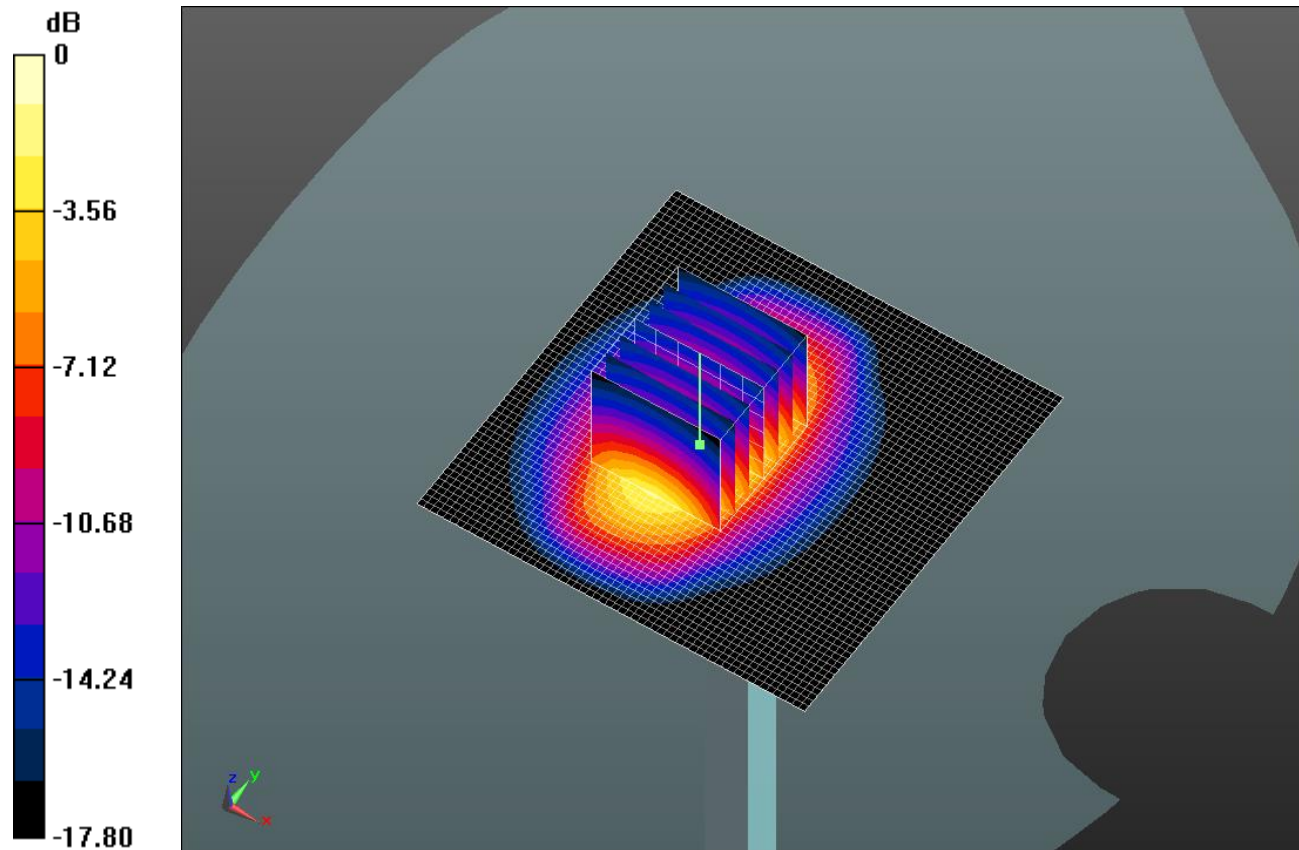
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.203 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 7.79 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 2.17 W/kg

Maximum value of SAR (measured) = 5.67 W/kg

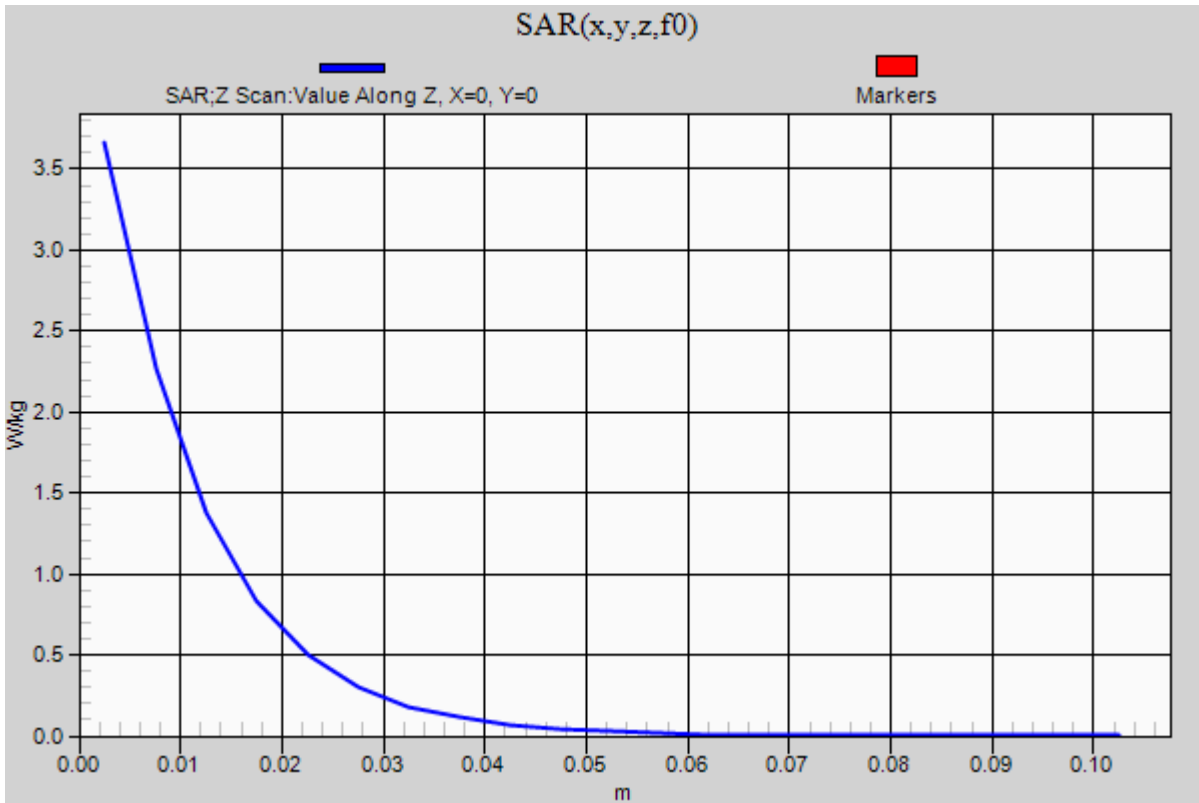


0 dB = 5.67 W/kg = 7.54 dBW/kg

20131007_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 3.66 W/kg



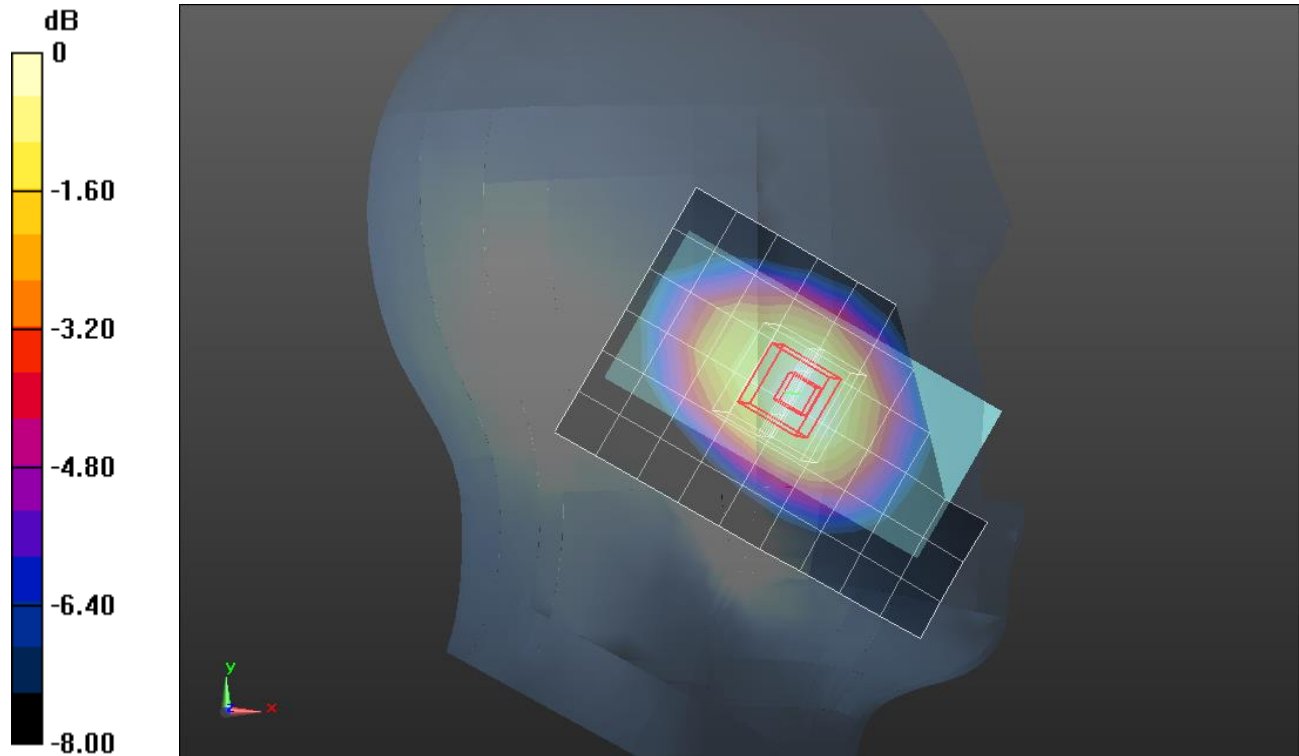
CDMA BC 0

Frequency: 824.7 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 40.606$; $\rho = 1000 \text{ kg/m}^3$
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(8.78, 8.78, 8.78); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

LHS/Touch_1xRTT_RC3SO55_ch. 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.01 W/kg

LHS/Touch_1xRTT_RC3SO55_ch. 1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 32.963 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.678 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

CDMA BC 0

Frequency: 824.7 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 54.477$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(8.67, 8.67, 8.67); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

Rear/1xRTT_RC3SO32_Ch 1013/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.27 W/kg

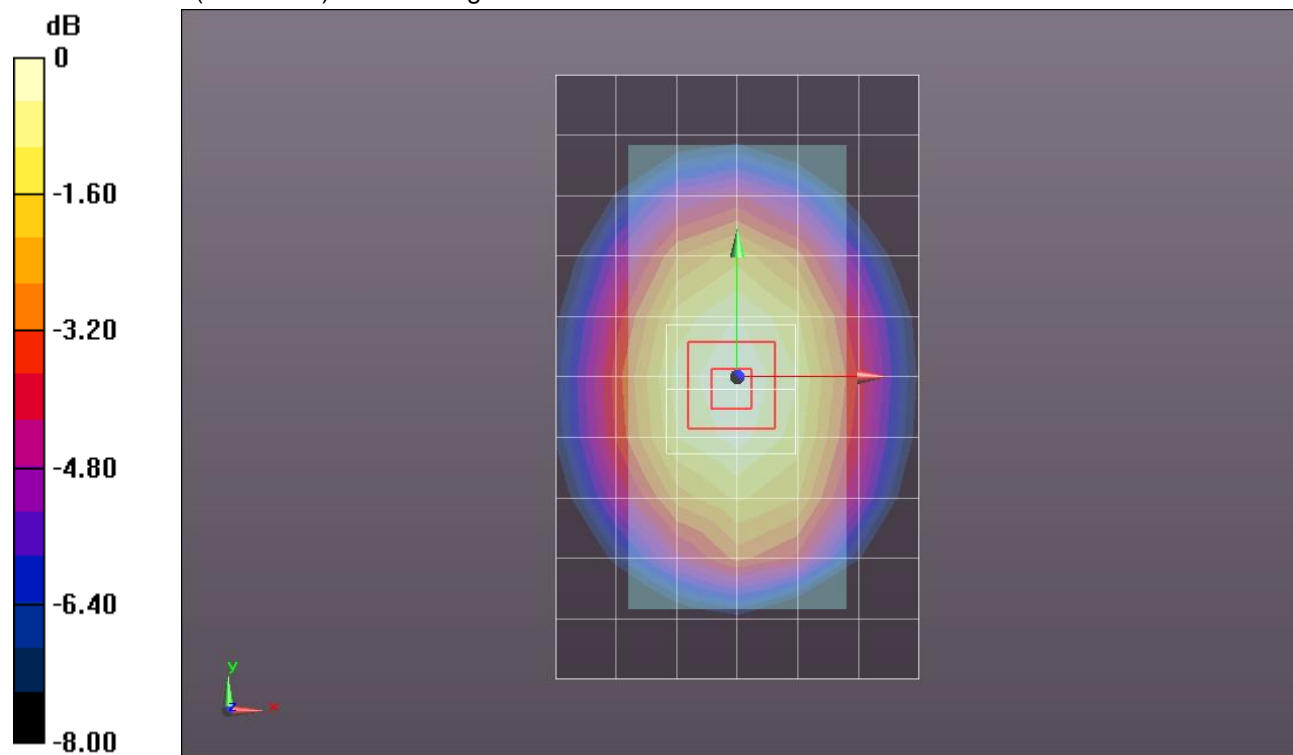
Rear/1xRTT_RC3SO32_Ch 1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.158 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.818 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

CDMA BC 1 (Keyboard Out)

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.404 \text{ S/m}$; $\epsilon_r = 38.701$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(7.34, 7.34, 7.34); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

RHS/Touch_1xRTT_RC3SO55_ch. 600/Area Scan (9x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.25 W/kg

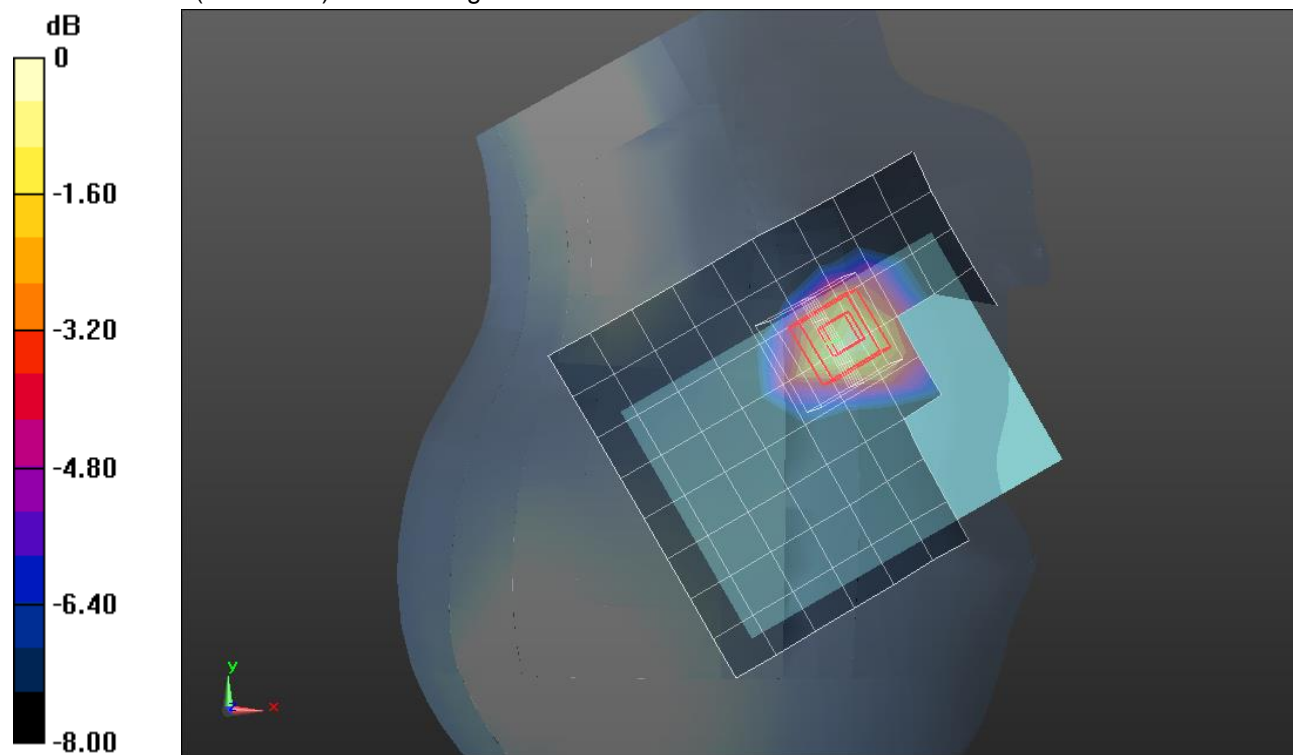
RHS/Touch_1xRTT_RC3SO55_ch. 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.617 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.668 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

CDMA BC 1 (Keyboard Out)

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.583 \text{ S/m}$; $\epsilon_r = 51.38$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(6.99, 6.99, 6.99); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1099

Front/1xRTT_RC3SO32_Ch 1175/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Front/1xRTT_RC3SO32_Ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

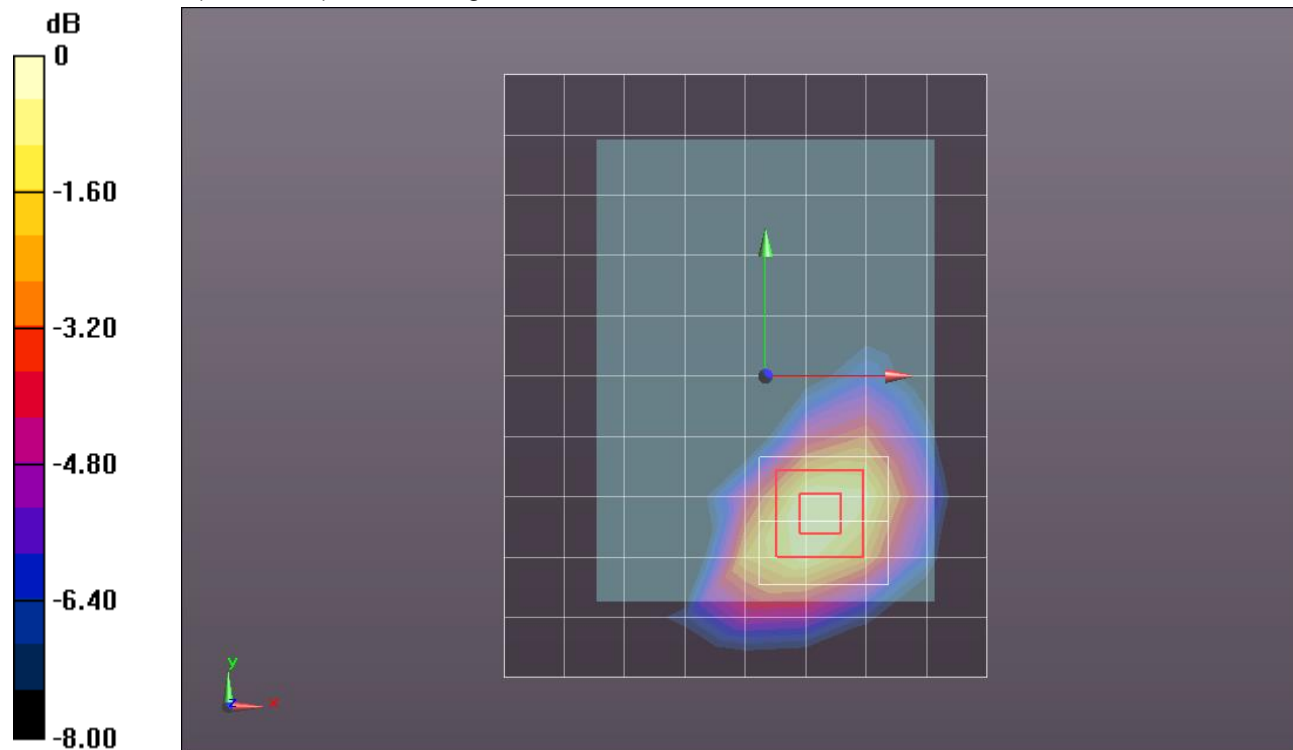
Reference Value = 30.094 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.667 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

CDMA BC 10

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 820.5$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 40.644$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(8.78, 8.78, 8.78); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

LHS/Touch_1xRTT_RC3SO55_ch. 580/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.841 W/kg

LHS/Touch_1xRTT_RC3SO55_ch. 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

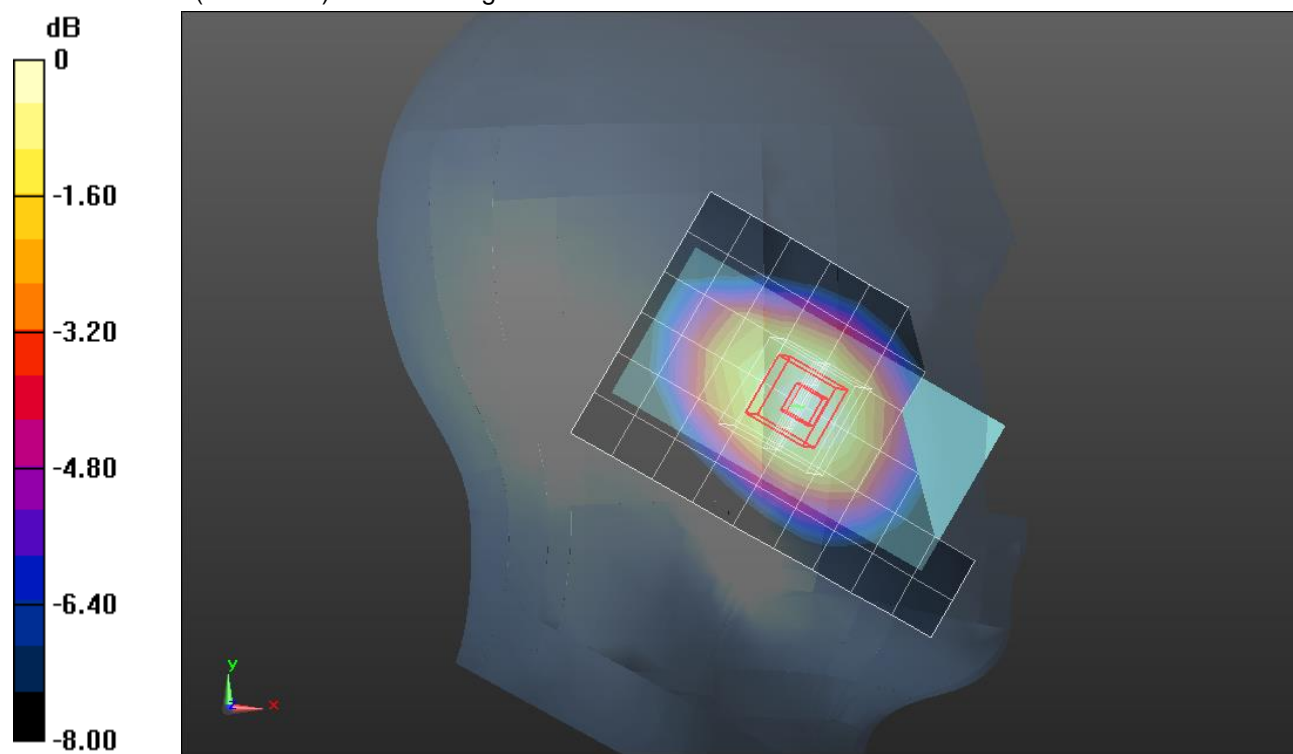
Reference Value = 30.061 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.569 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.839 W/kg = -0.76 dBW/kg

CDMA BC 10

Frequency: 823.1 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 54.481$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/9/2013
- Probe: EX3DV4 - SN3749; ConvF(8.67, 8.67, 8.67); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

Rear/1xRTT_RC3SO32_Ch 684/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.26 W/kg

Rear/1xRTT_RC3SO32_Ch 684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

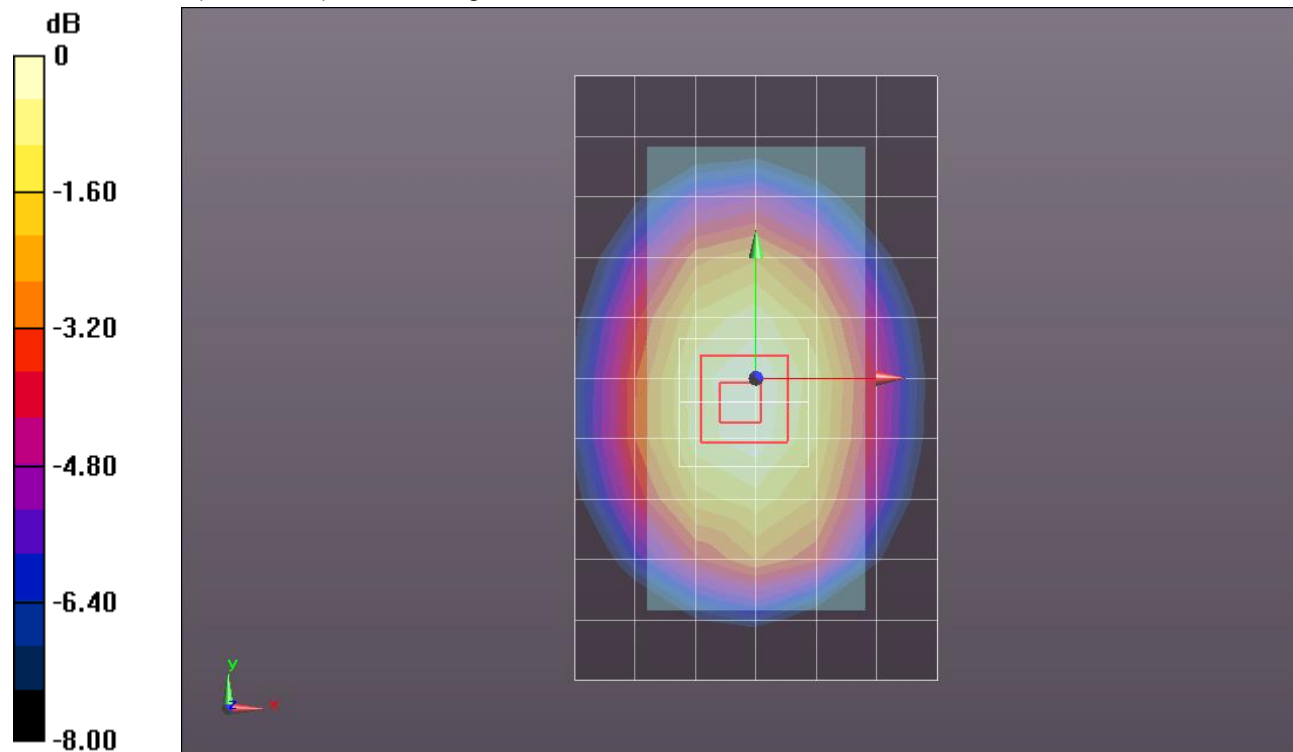
Reference Value = 36.039 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.812 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg