

20130819_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 54.863$; $\rho = 1000$ 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(6.62, 6.62, 6.62); 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 (B); Type: QDOVA001BB; Serial: 1118

Body/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 59.210 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 4.81 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (interpolated) = 7.02 W/kg

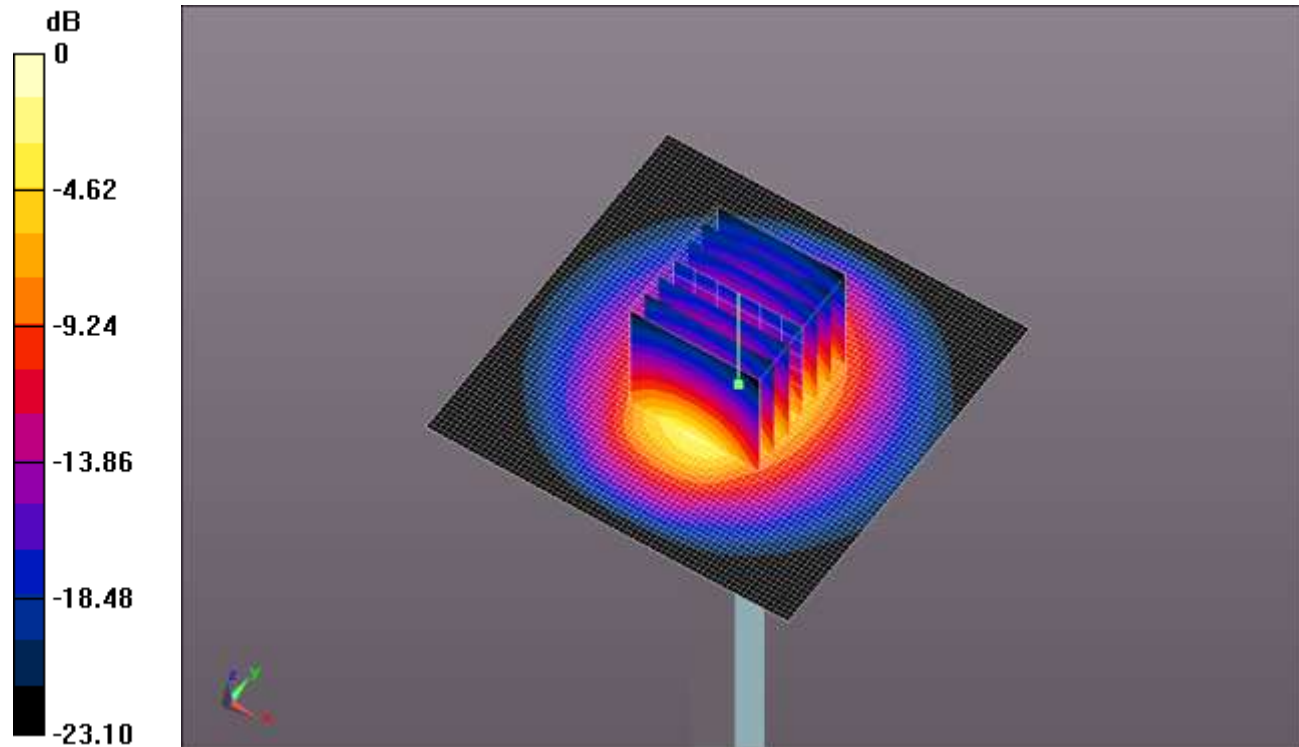
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.210 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 4.91 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 7.01 W/kg

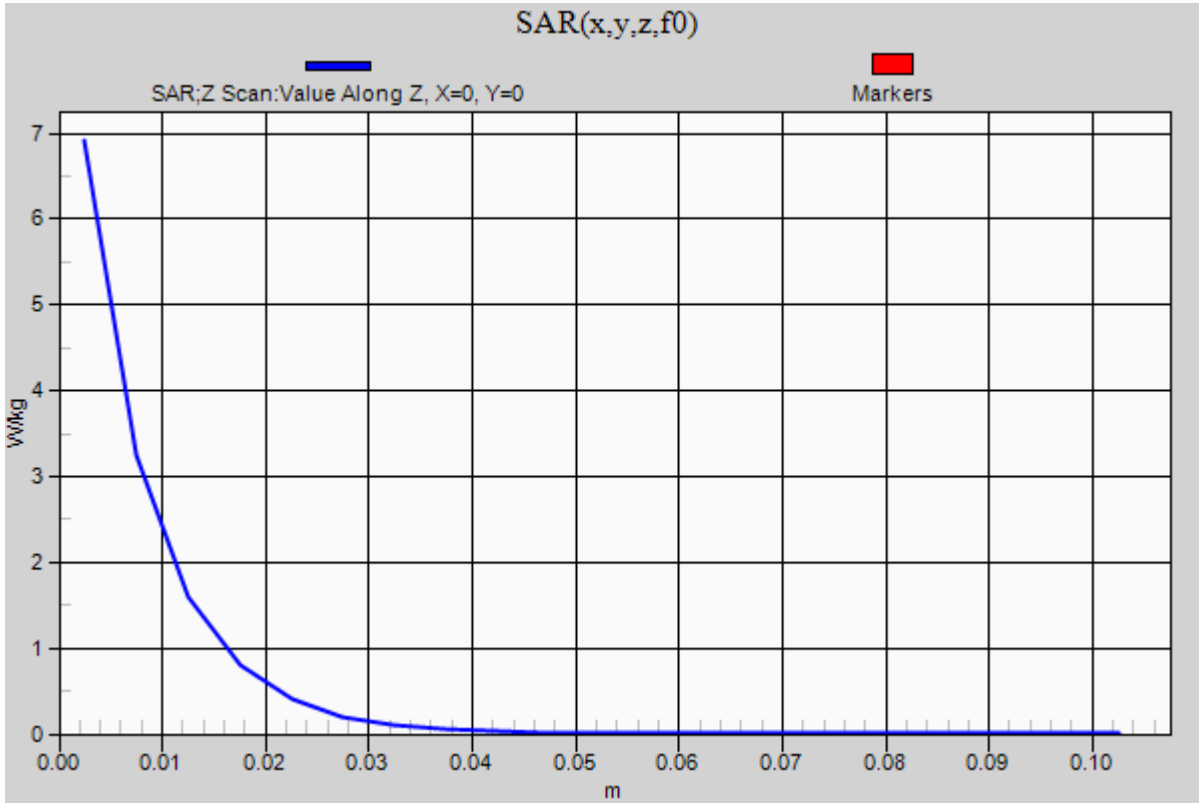


0 dB = 7.01 W/kg = 8.46 dBW/kg

20130819_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 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) = 6.91 W/kg



20130826_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.972 \text{ S/m}$; $\epsilon_r = 53.215$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- 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: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

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

Reference Value = 33.151 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.608 W/kg

Maximum value of SAR (interpolated) = 1.06 W/kg

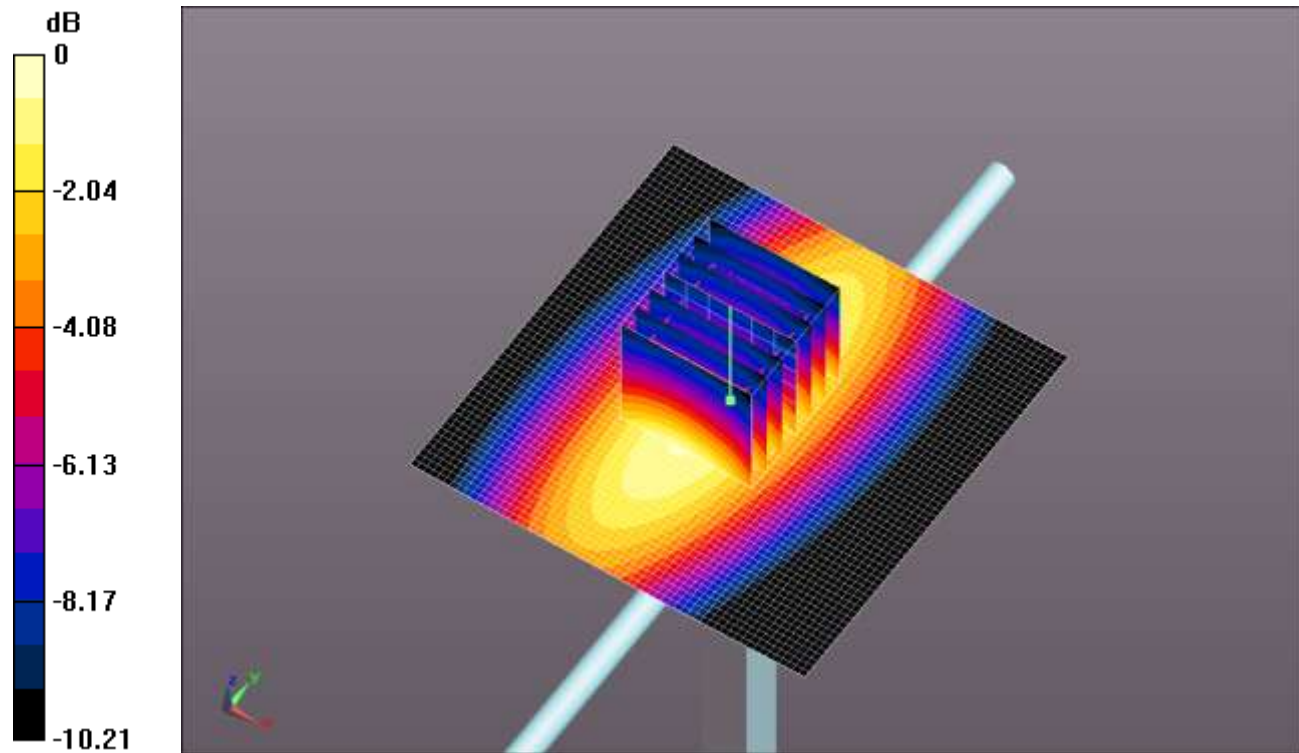
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.151 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 1.14 W/kg

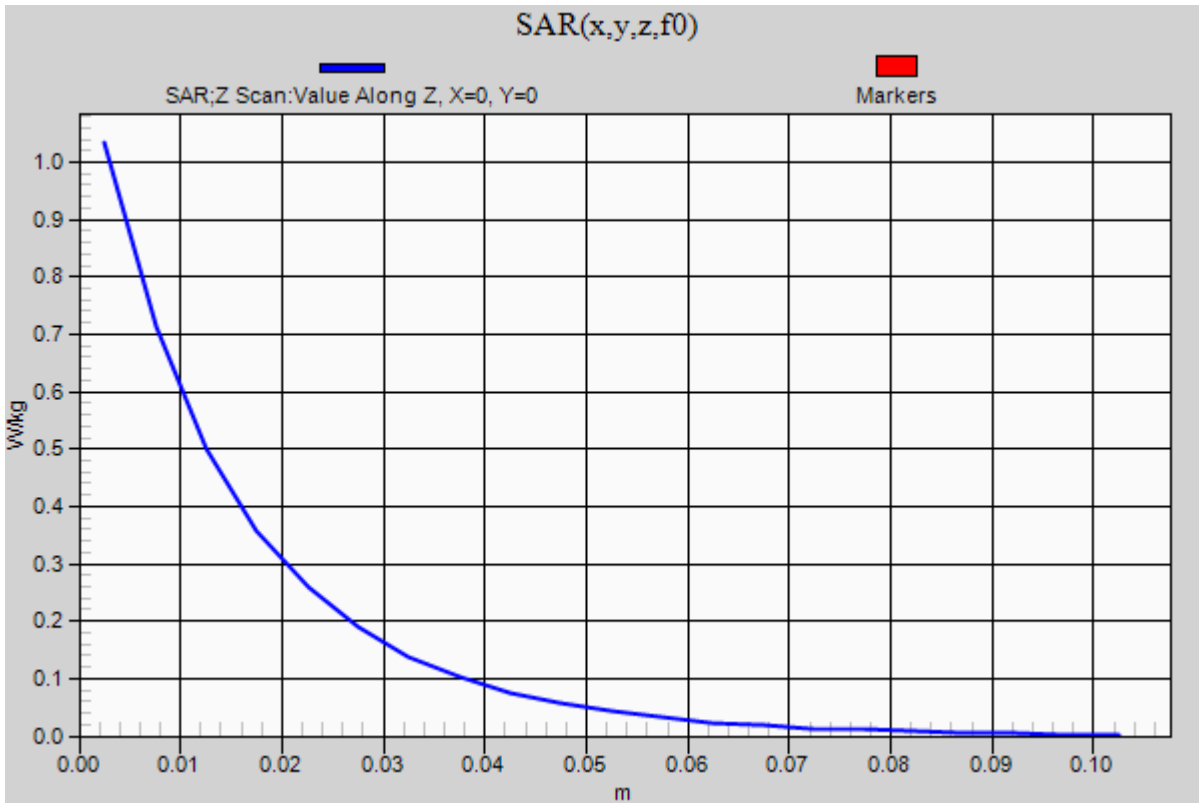


0 dB = 1.14 W/kg = 0.57 dBW/kg

20130826_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 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) = 1.03 W/kg



20130903_SystemPerformanceCheck-D835V2 SN 4d117

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.014 \text{ S/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- ;
- Probe: EX3DV4 - SN3751; ConvF(8.58, 8.58, 8.58); Calibrated: 11/15/2012;
- 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: 1118

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

Reference Value = 34.628 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.678 W/kg

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

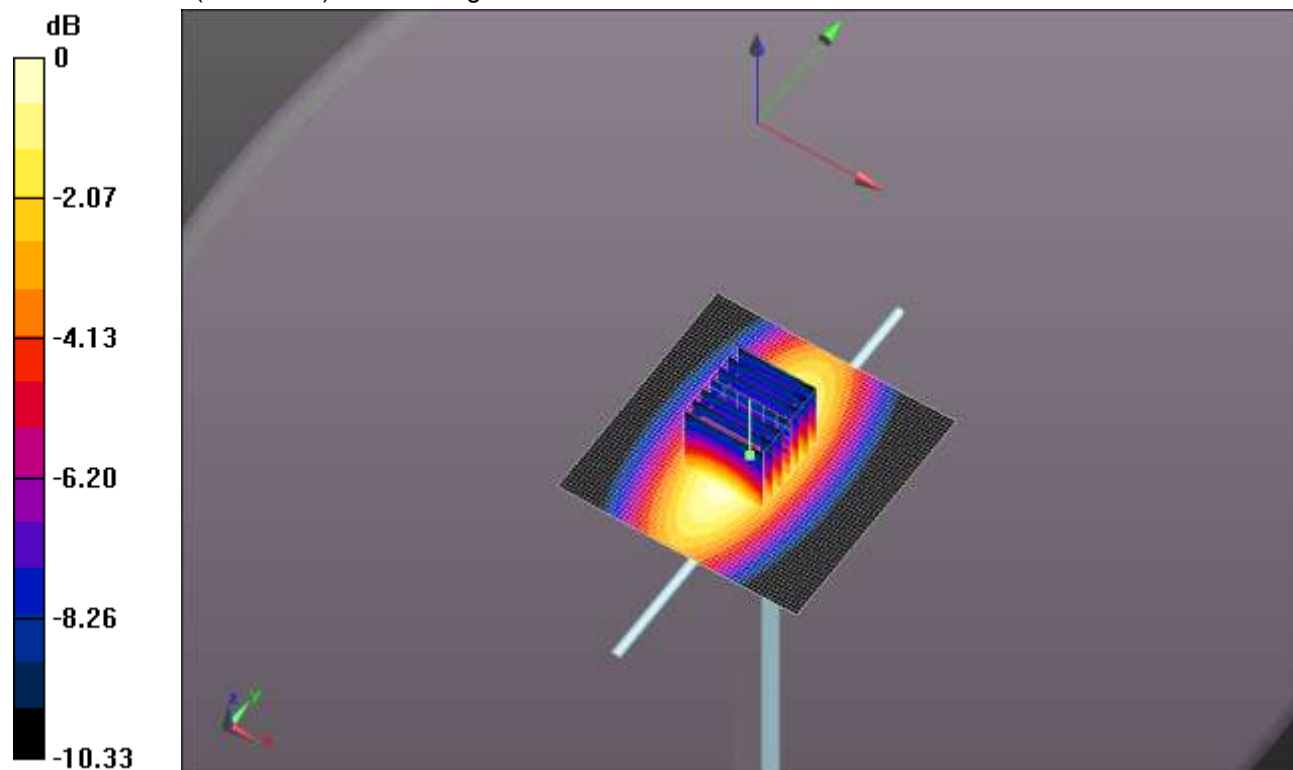
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.628 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.644 W/kg

Maximum value of SAR (measured) = 1.19 W/kg

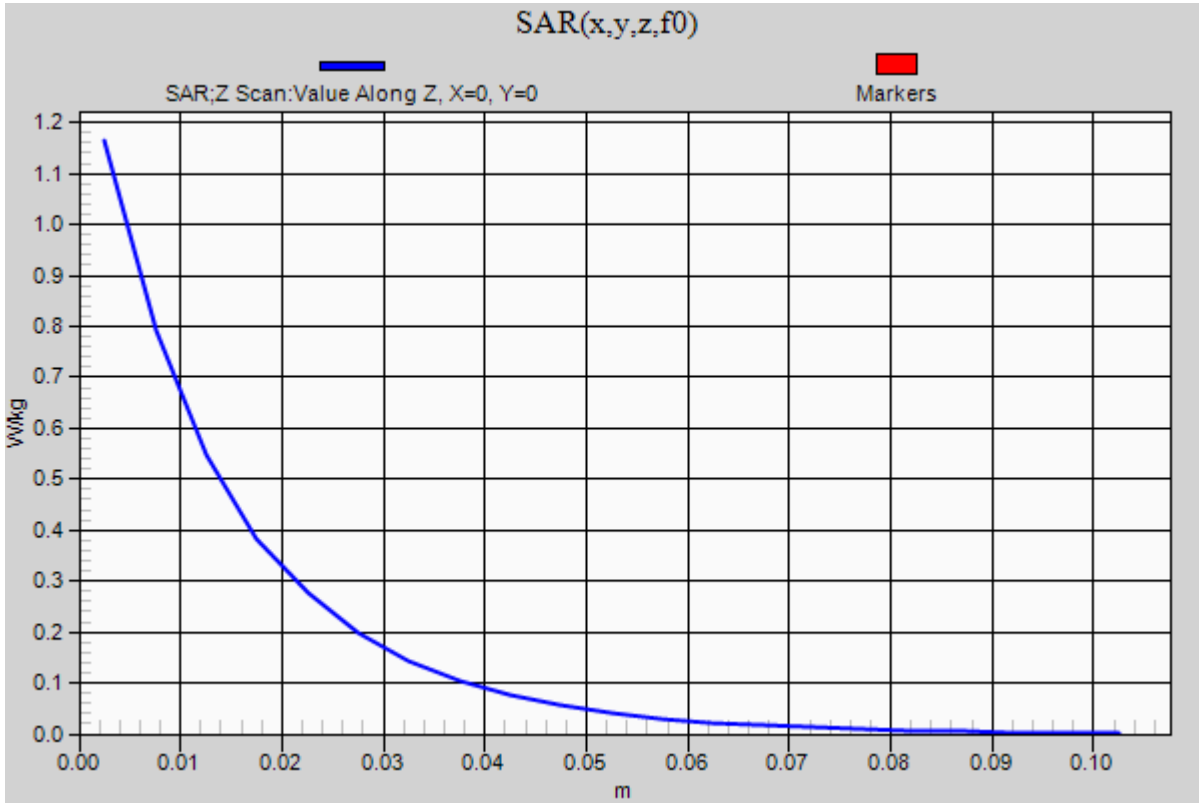


0 dB = 1.19 W/kg = 0.76 dBW/kg

20130903_SystemPerformanceCheck-D835V2 SN 4d117

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) = 1.16 W/kg



20130822_SystemPerformanceCheck-D1900V2 SN 5d140

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.566 \text{ S/m}$; $\epsilon_r = 53.239$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3772; ConvF(6.96, 6.96, 6.96); Calibrated: 2/20/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

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

Reference Value = 59.889 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 4.21 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (interpolated) = 5.66 W/kg

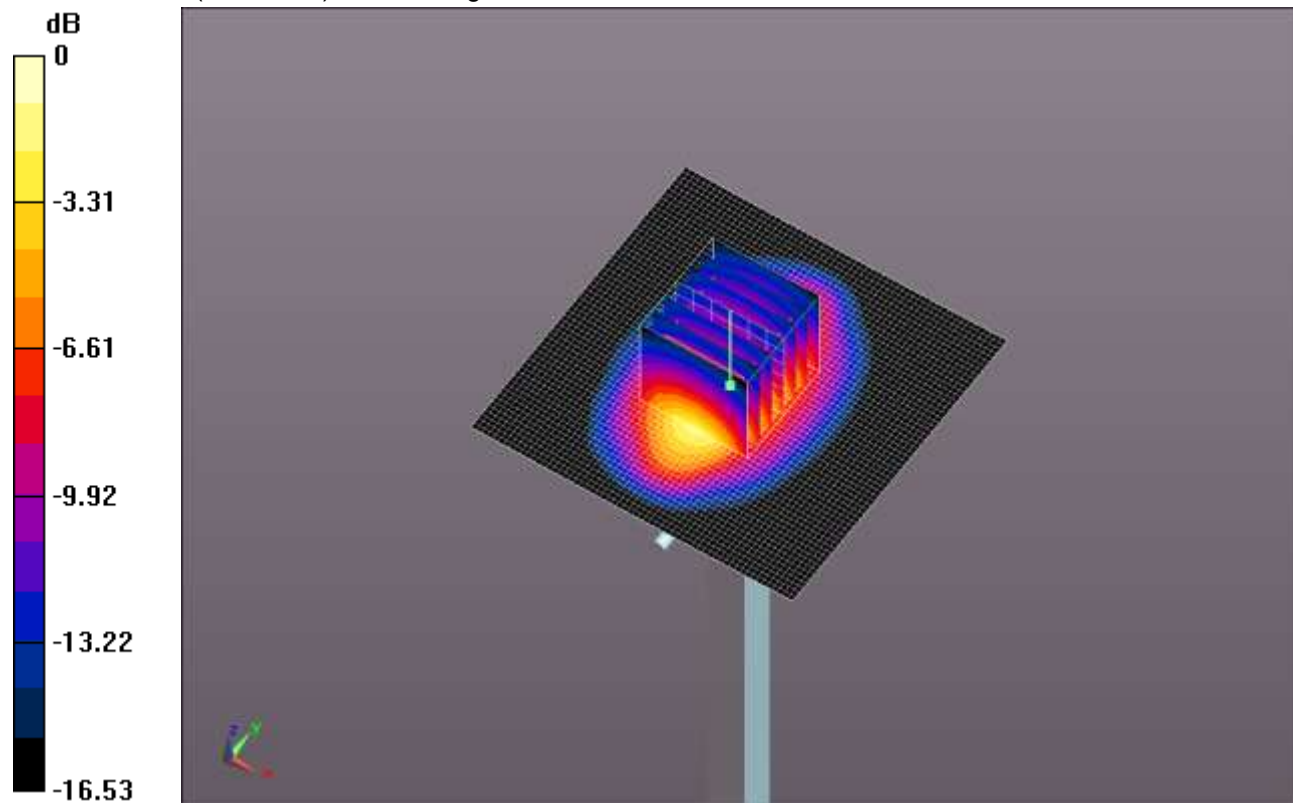
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.889 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.60 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 5.71 W/kg

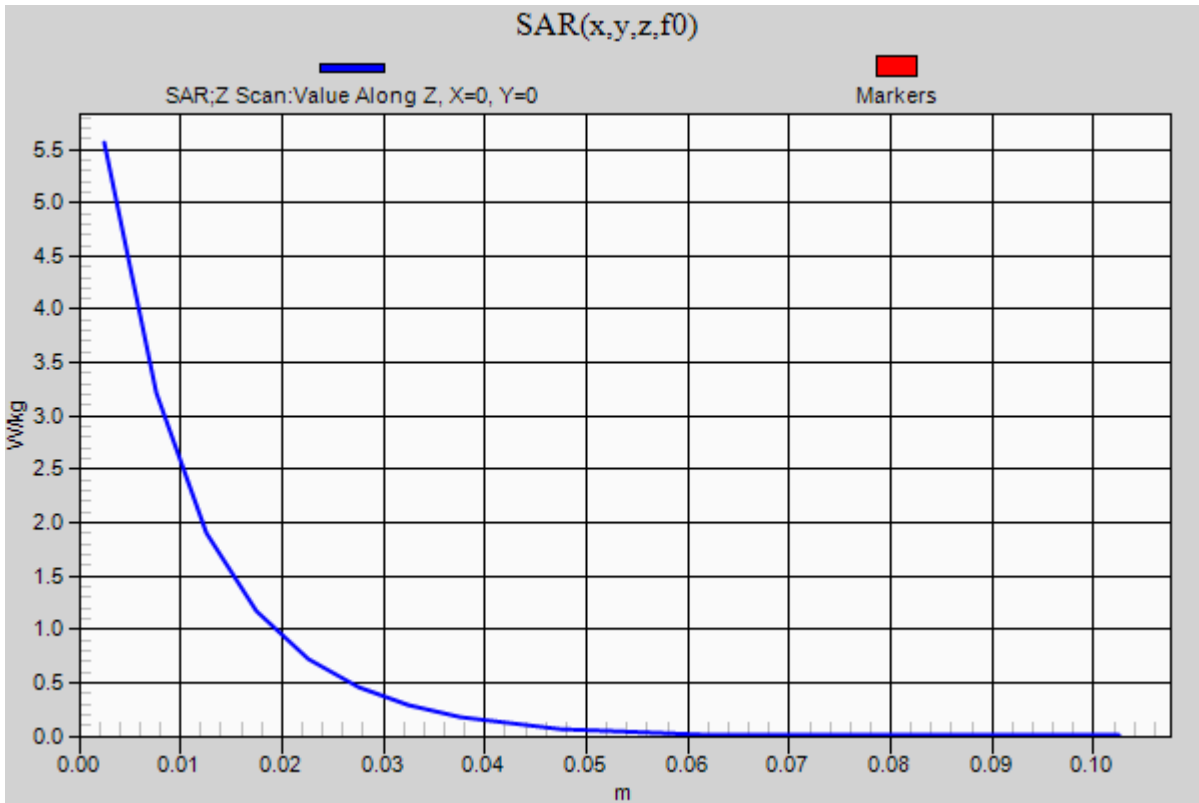


0 dB = 5.71 W/kg = 7.57 dBW/kg

20130822_SystemPerformanceCheck-D1900V2 SN 5d140

Frequency: 1900 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) = 5.56 W/kg



20130821_SystemPerformanceCheck-D835V2 SN 4d117

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.997 \text{ S/m}$; $\epsilon_r = 54.241$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1360; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3686; ConvF(9.04, 9.04, 9.04); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

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

Reference Value = 34.550 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.662 W/kg

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

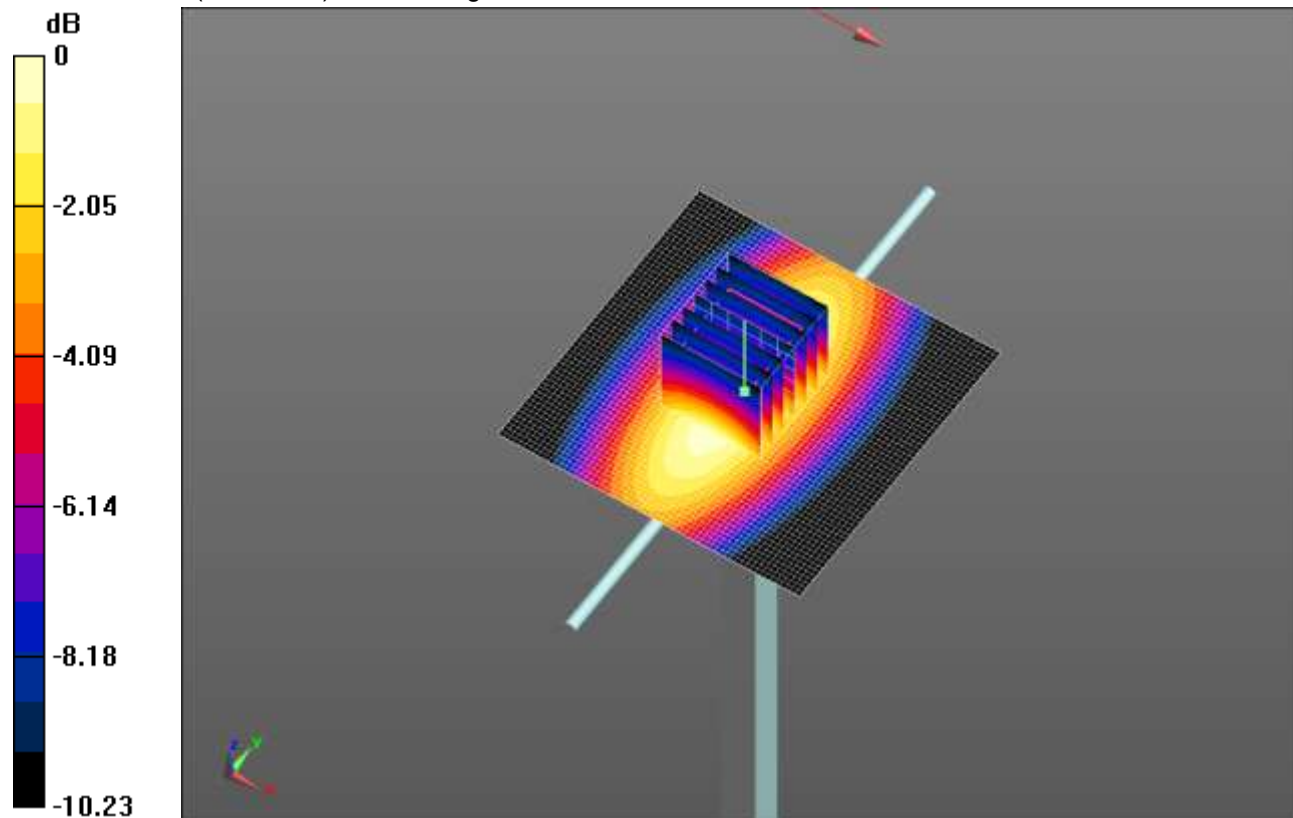
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.550 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.633 W/kg

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

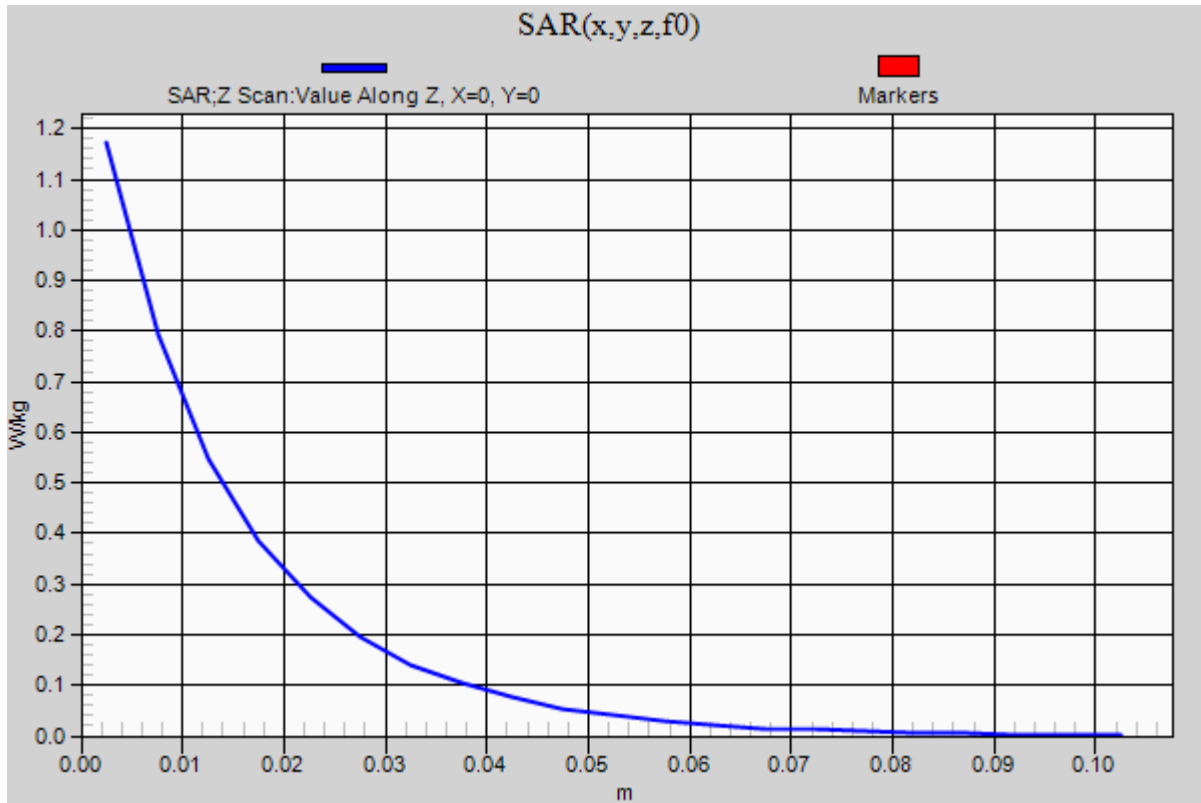


0 dB = 1.17 W/kg = 0.68 dBW/kg

20130821_SystemPerformanceCheck-D835V2 SN 4d117

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) = 1.17 W/kg



20130822_SystemPerformanceCheck-D1900V2 SN 5d140

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.566 \text{ S/m}$; $\epsilon_r = 53.239$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1360; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3686; ConvF(7.28, 7.28, 7.28); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QDOVA001BB; Serial: TP:xxxx

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

Reference Value = 55.055 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (interpolated) = 5.55 W/kg

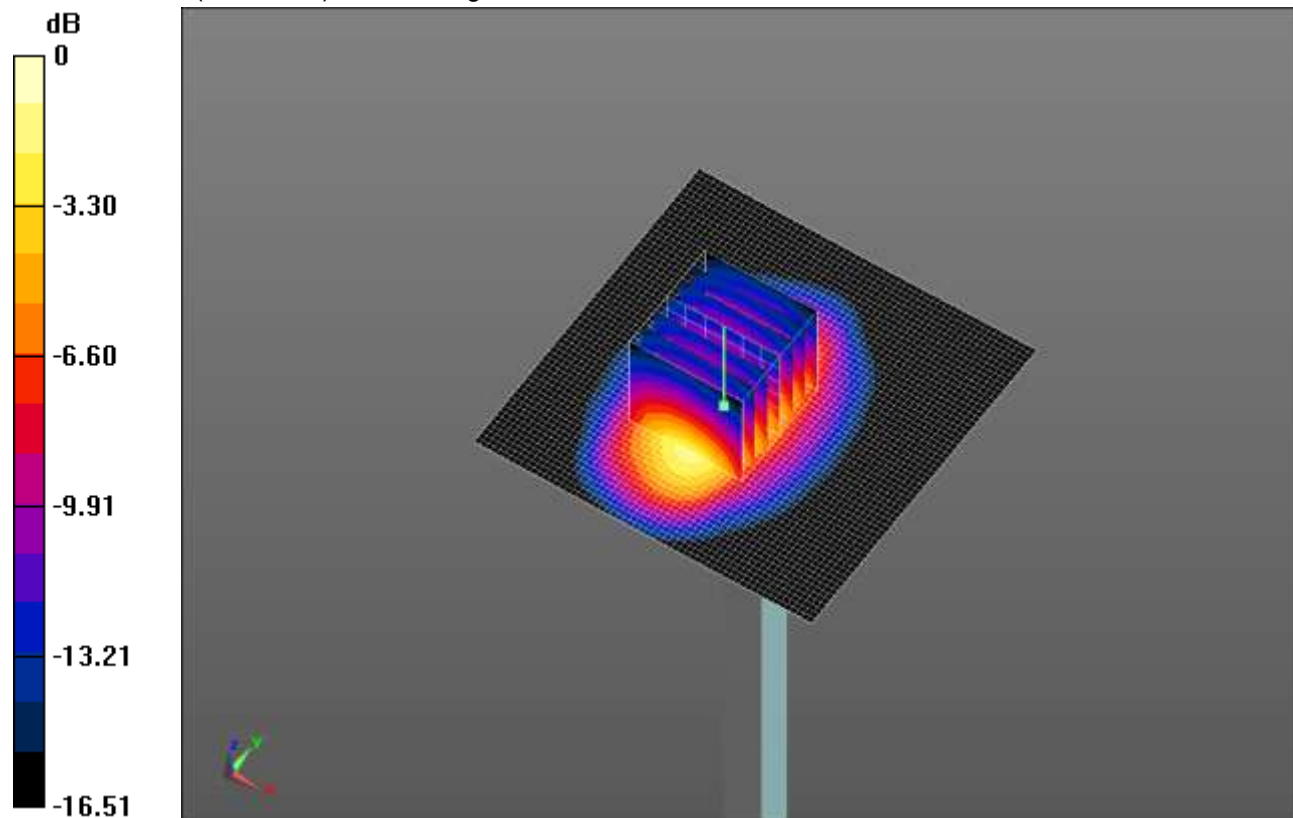
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.055 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 7.22 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 5.46 W/kg

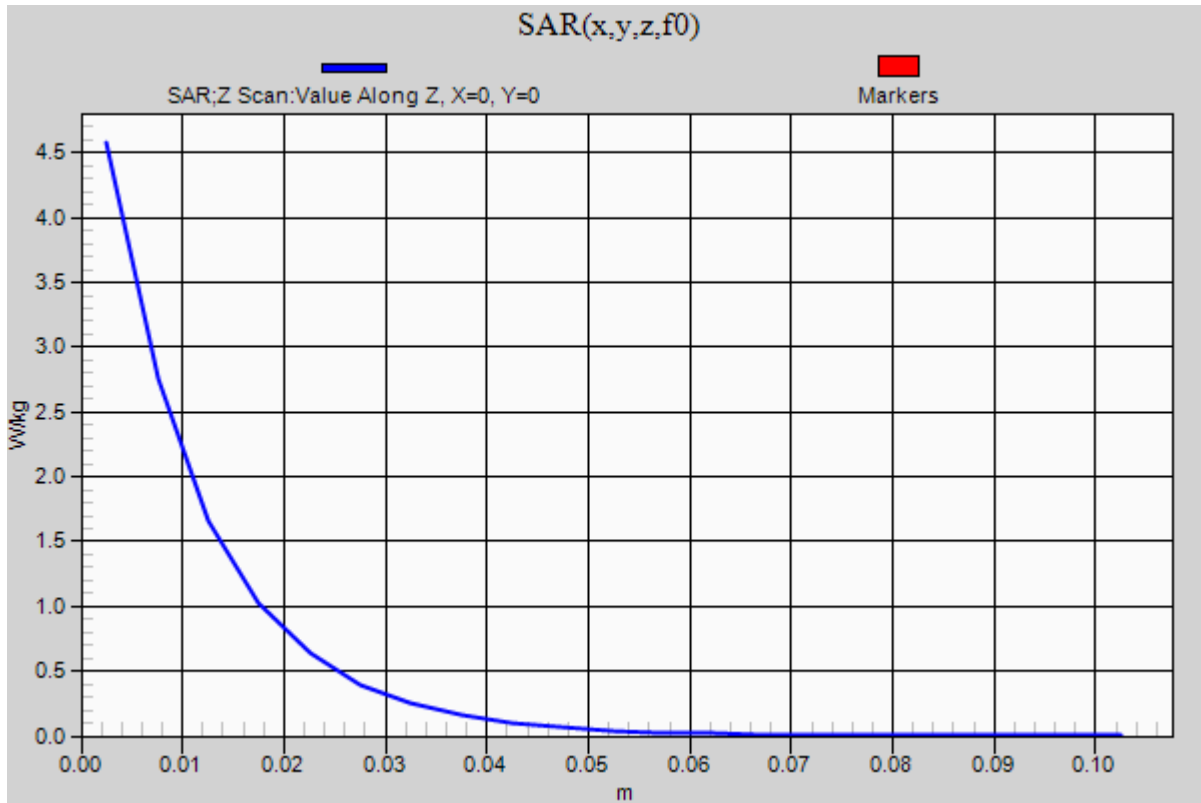


0 dB = 5.46 W/kg = 7.37 dBW/kg

20130822_SystemPerformanceCheck-D1900V2 SN 5d140

Frequency: 1900 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) = 4.58 W/kg



20130819_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r = 53.046$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/5/2013
- Probe: EX3DV4 - SN3901; ConvF(8, 8, 8); Calibrated: 2/13/2013;
- 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: QDOVA002AA; Serial: 1180

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

Reference Value = 57.493 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 4.01 mW/g; SAR(10 g) = 2.08 mW/g

Maximum value of SAR (interpolated) = 5.31 W/kg

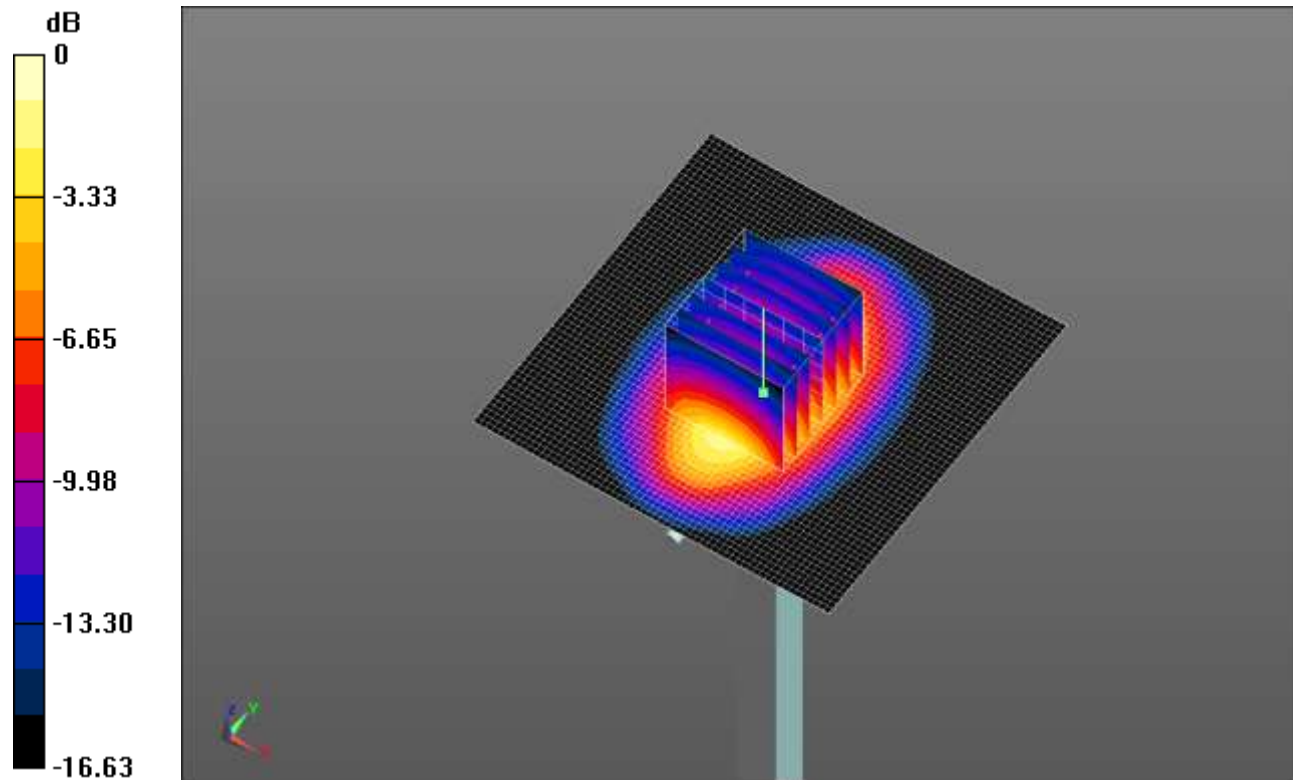
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.493 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.505 mW/g

SAR(1 g) = 3.66 mW/g; SAR(10 g) = 1.96 mW/g

Maximum value of SAR (measured) = 4.87 W/kg

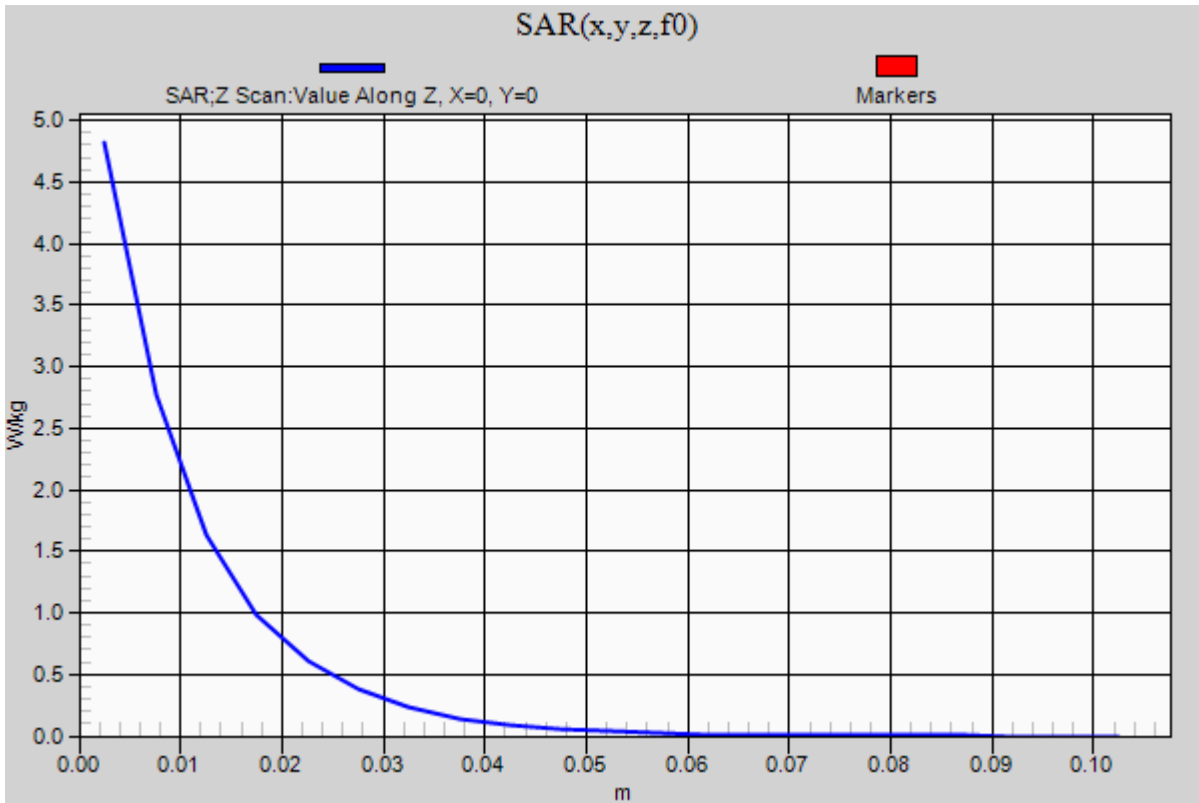


0 dB = 4.87 W/kg = 13.75 dB W/kg

20130819_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 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) = 4.82 W/kg



20130822 SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.567 \text{ S/m}$; $\epsilon_r = 53.247$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1352; Calibrated: 10/8/2012
- Probe: EX3DV4 - SN3885; ConvF(7.67, 7.67, 7.67); Calibrated: 10/9/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

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

Reference Value = 58.498 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 4.06 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (interpolated) = 5.43 W/kg

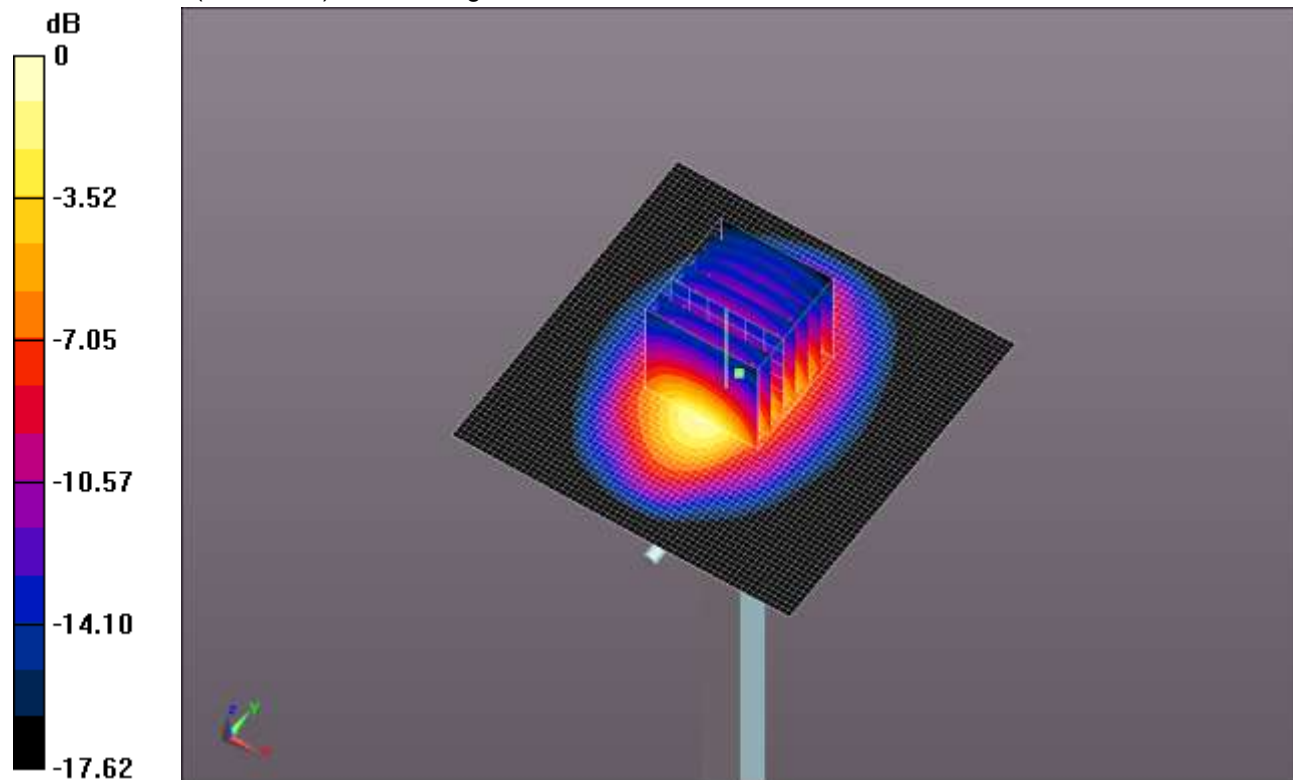
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.498 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 7.35 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 5.40 W/kg

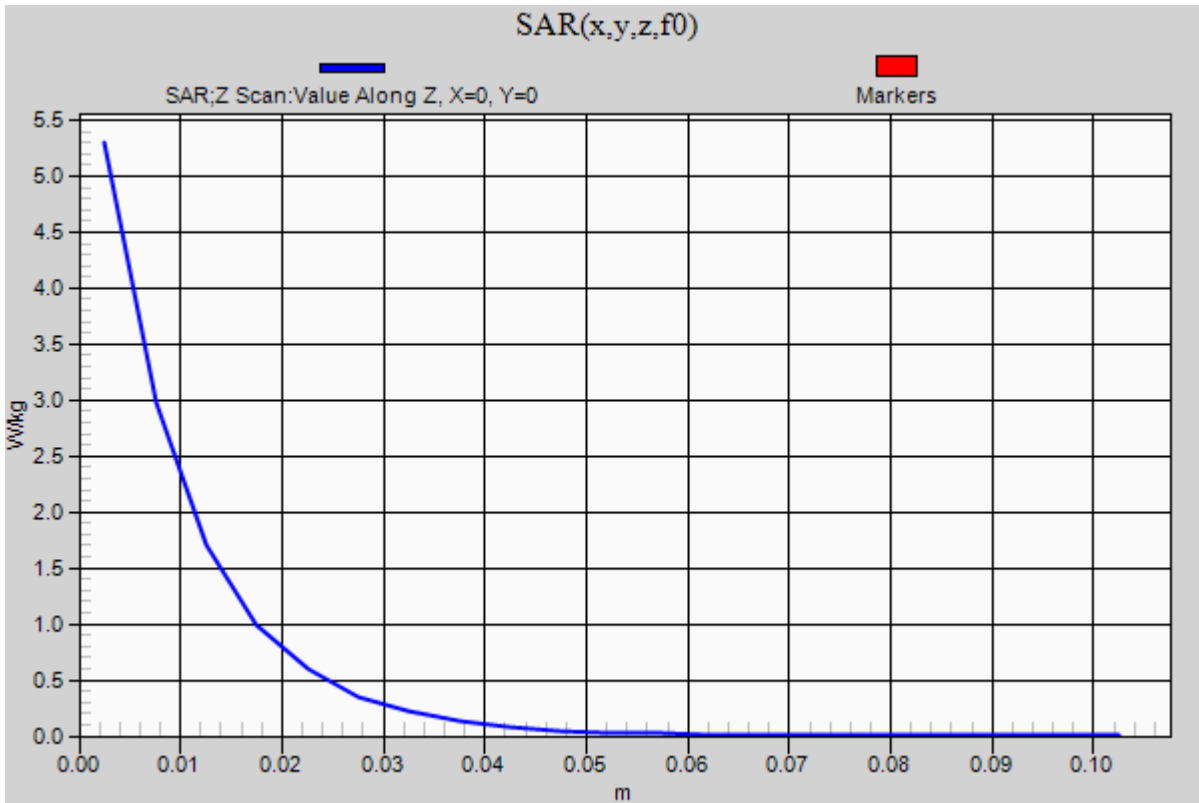


0 dB = 5.40 W/kg = 7.32 dBW/kg

20130822 SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 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) = 5.30 W/kg



20130903_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.976 \text{ S/m}$; $\epsilon_r = 53.247$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(9.5, 9.5, 9.5); Calibrated: 10/9/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1185

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

Reference Value = 32.539 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.585 W/kg

Maximum value of SAR (interpolated) = 1.02 W/kg

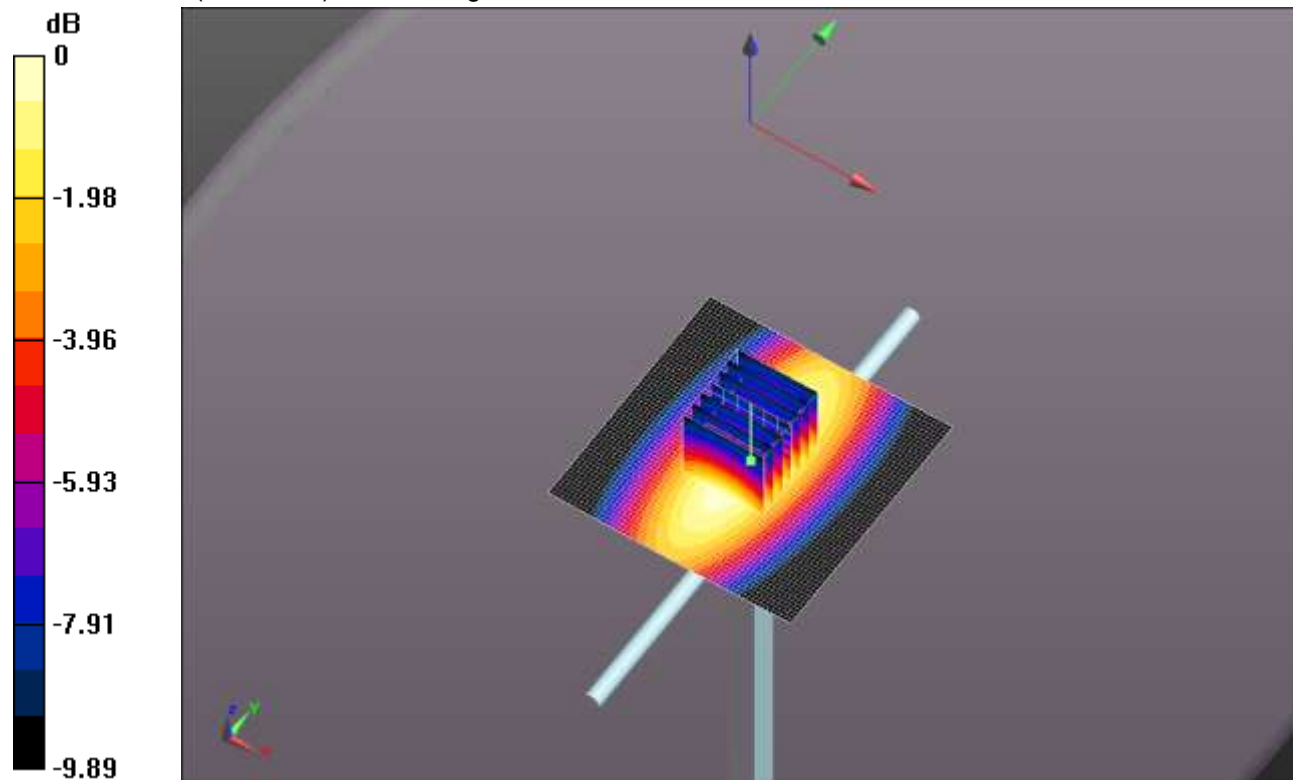
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.539 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.559 W/kg

Maximum value of SAR (measured) = 1.01 W/kg

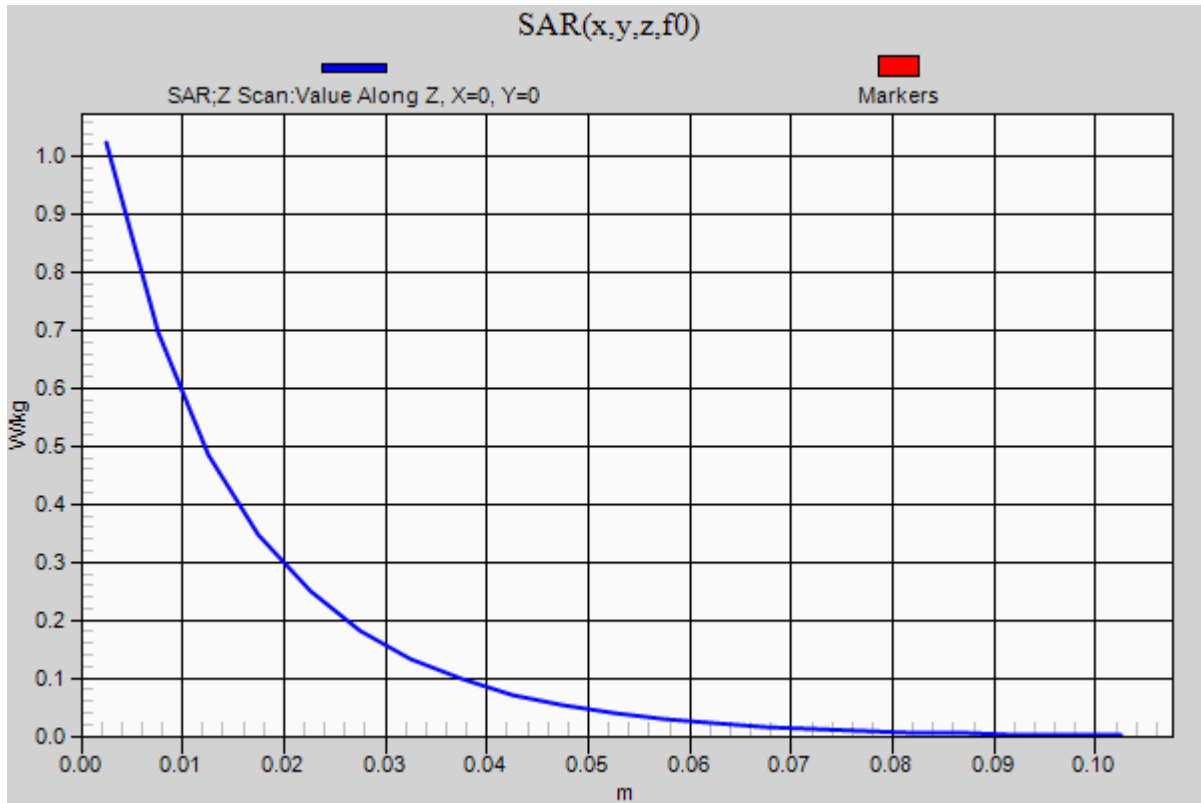


0 dB = 1.01 W/kg = 0.04 dBW/kg

20130903_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 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) = 1.02 W/kg



GSM 850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.027$ S/m; $\epsilon_r = 55.684$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(8.58, 8.58, 8.58); Calibrated: 11/15/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear_Second Stage Prox. On_0 mm/GPRS 2 slots_ch 251/Area Scan (12x7x1):

Measurement grid: dx=15mm, dy=15mm

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

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

Rear_Second Stage Prox. On_0 mm/GPRS 2 slots_ch 251/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

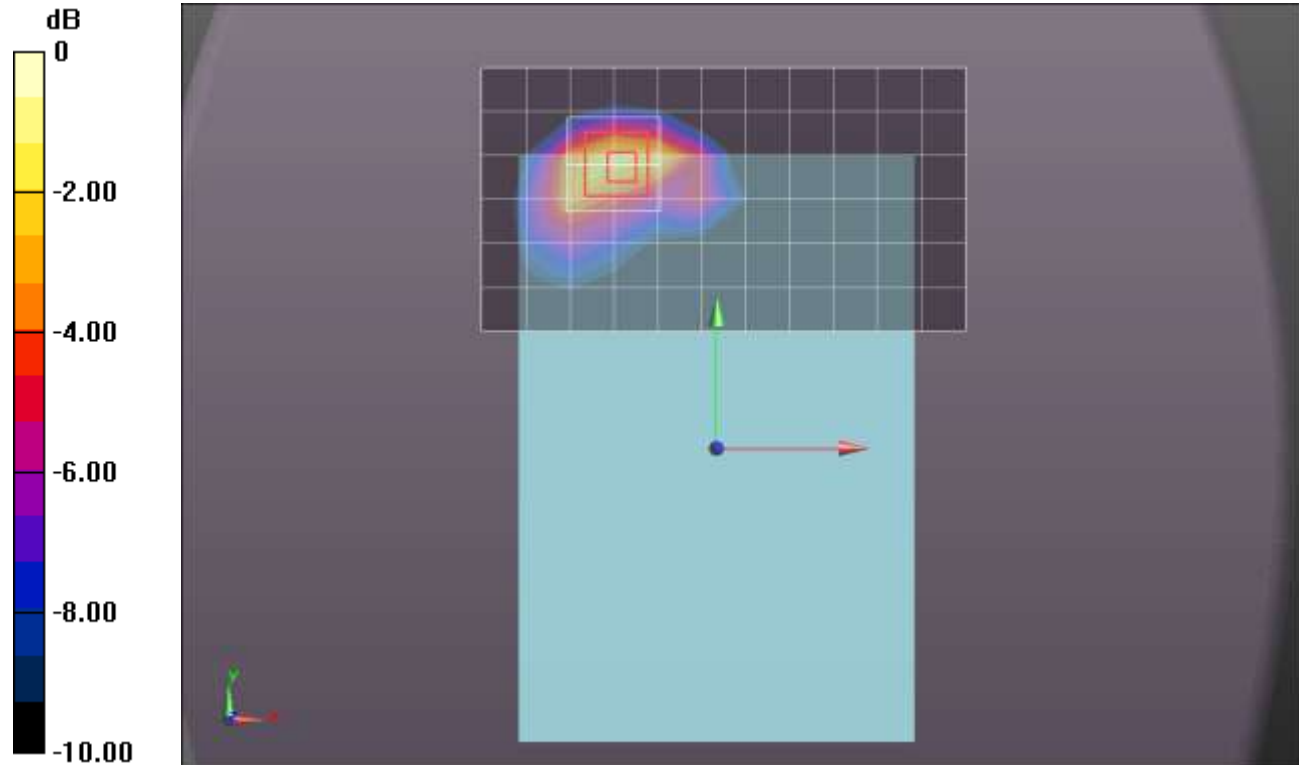
Reference Value = 38.068 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.549 W/kg

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

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.541 \text{ S/m}$; $\epsilon_r = 53.266$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(7.67, 7.67, 7.67); Calibrated: 10/9/2012;
- 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: 1120

Edge 1_Prox. Off_14 mm/GPRS 2 slots_ch 661/Area (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.947 W/kg

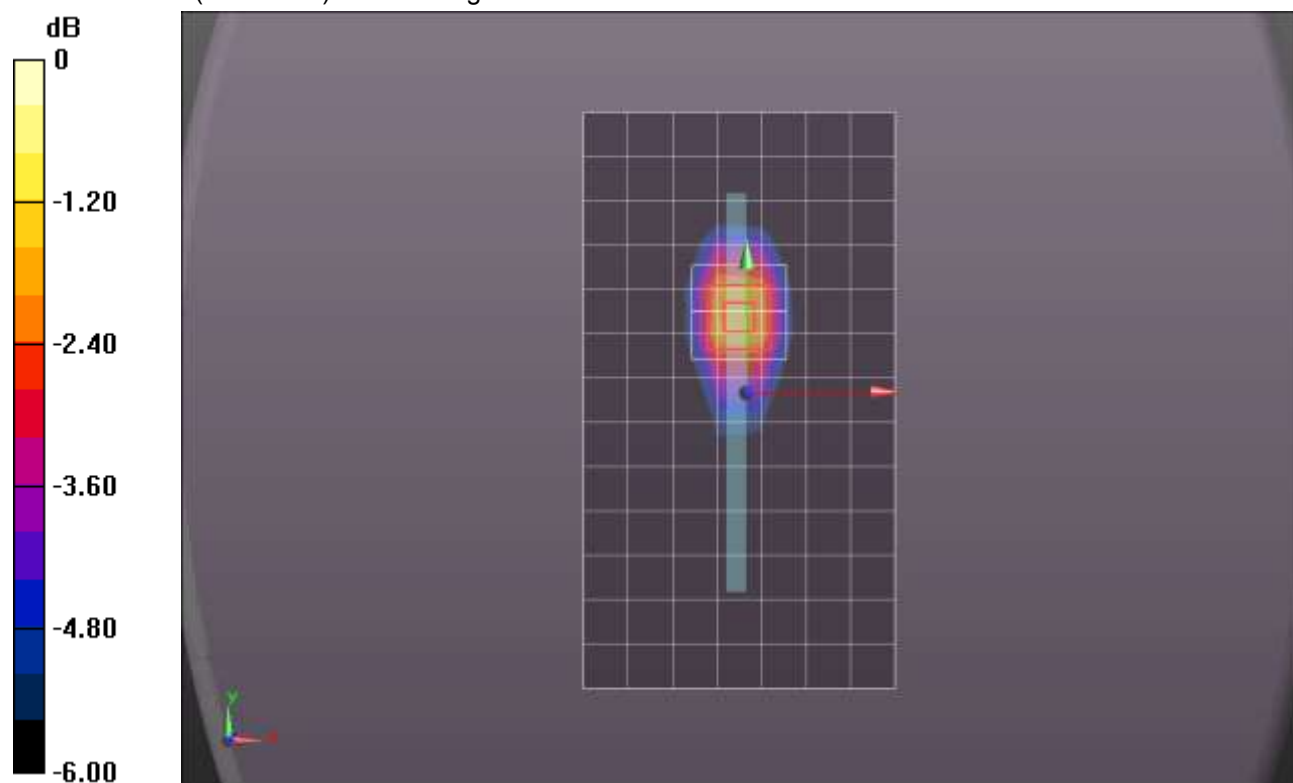
Edge 1_Prox. Off_14 mm/GPRS 2 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.901 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.605 W/kg

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



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

W-CDMA Band 2

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.54$ S/m; $\epsilon_r = 54.979$; $\rho = 1000$ 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 Sn1352; Calibrated: 10/8/2012
- Probe: EX3DV4 - SN3885; ConvF(7.67, 7.67, 7.67); Calibrated: 10/9/2012;
- 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: 1120

Rear_Second Stage Prox. On_0 mm/Rel. 99_ch 9538/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.32 W/kg

Rear_Second Stage Prox. On_0 mm/Rel. 99_ch 9538/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

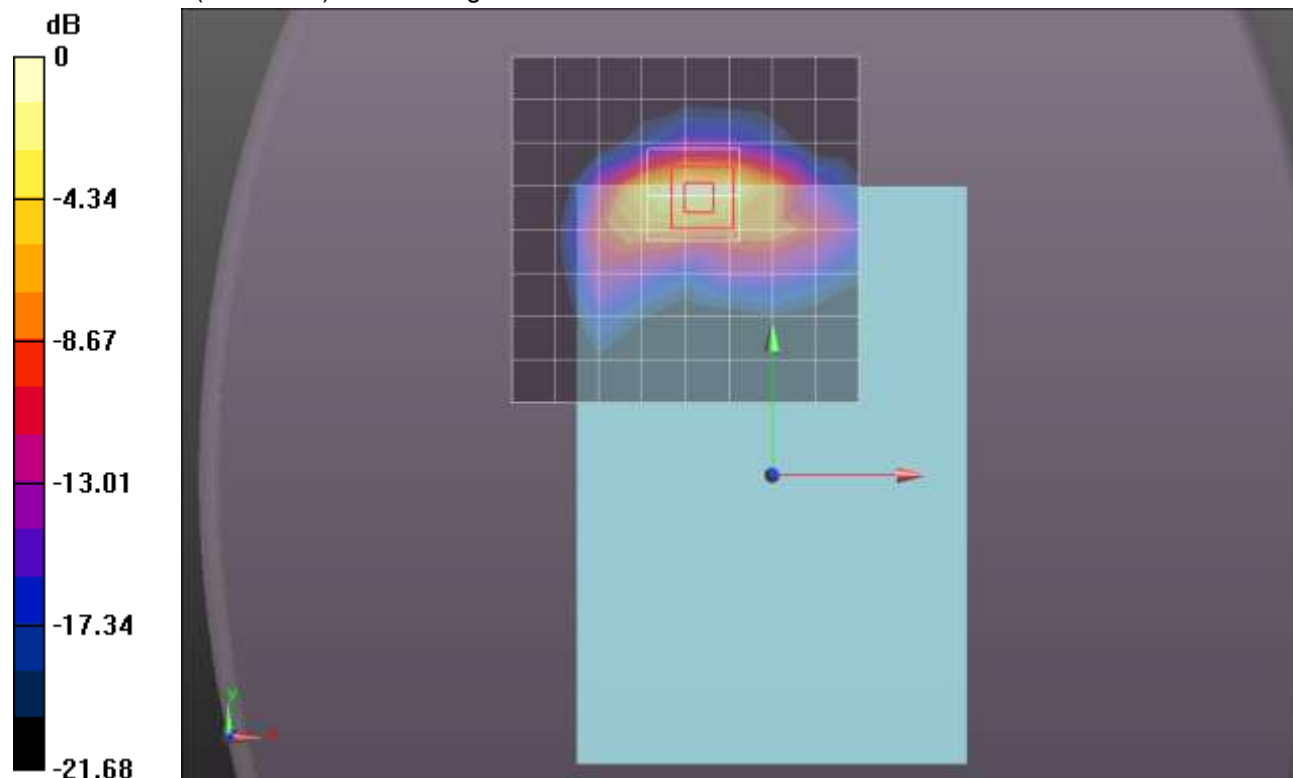
Reference Value = 32.036 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.496 W/kg

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

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

W-CDMA Band 4

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r = 51.654$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1357; Calibrated: 2/5/2013
- Probe: EX3DV4 - SN3901; ConvF(8, 8, 8); Calibrated: 2/13/2013;
- 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: QDOVA002AA; Serial: 1180

Rear_Second Stage Prox. On_0 mm/Rel. 99_ch 1513/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.44 W/kg

Rear_Second Stage Prox. On_0 mm/Rel. 99_ch 1513/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

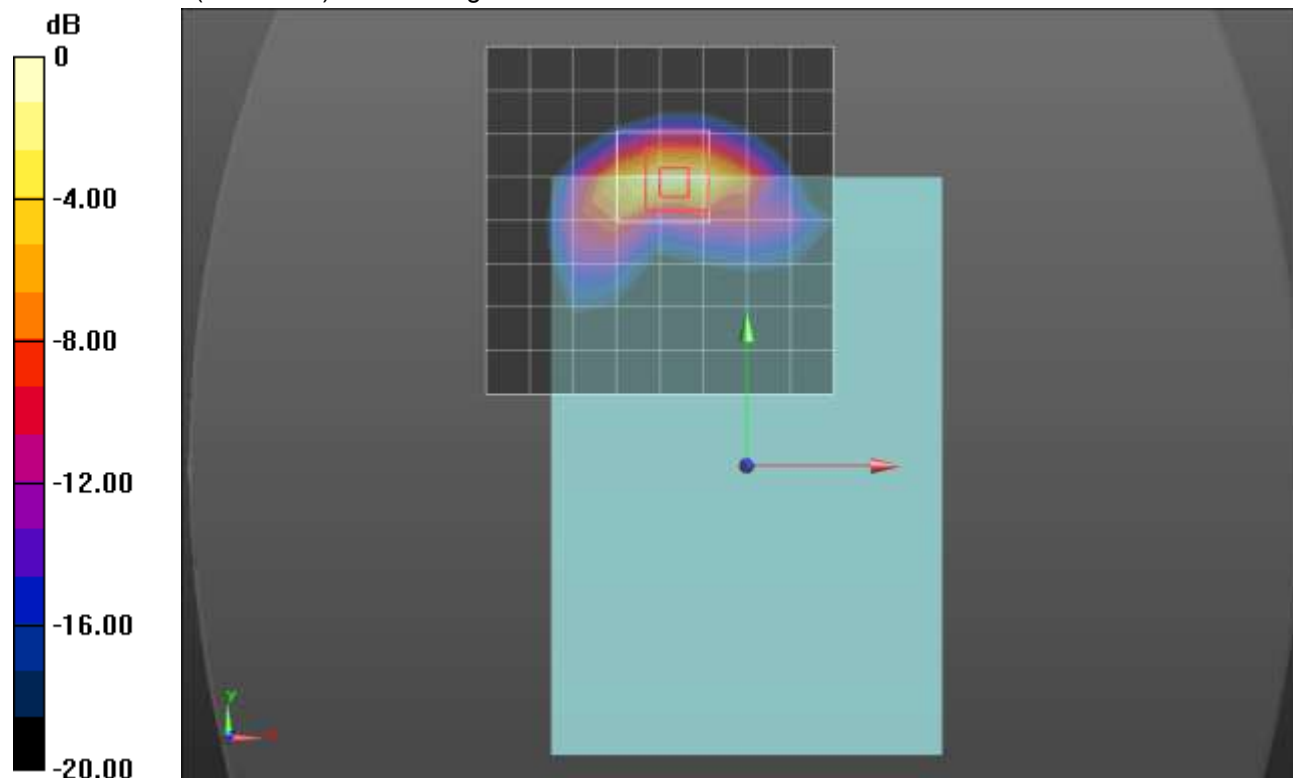
Reference Value = 32.298 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.406 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.526 mW/g

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

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 3.69 dB W/kg

W-CDMA Band 5

Frequency: 826.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 55.918$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(8.58, 8.58, 8.58); Calibrated: 11/15/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear_Second Stage Prox. On_0 mm/Rel 99_RMC_ch 4132/Area Scan (12x7x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.50 W/kg

Rear_Second Stage Prox. On_0 mm/Rel 99_RMC_ch 4132/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

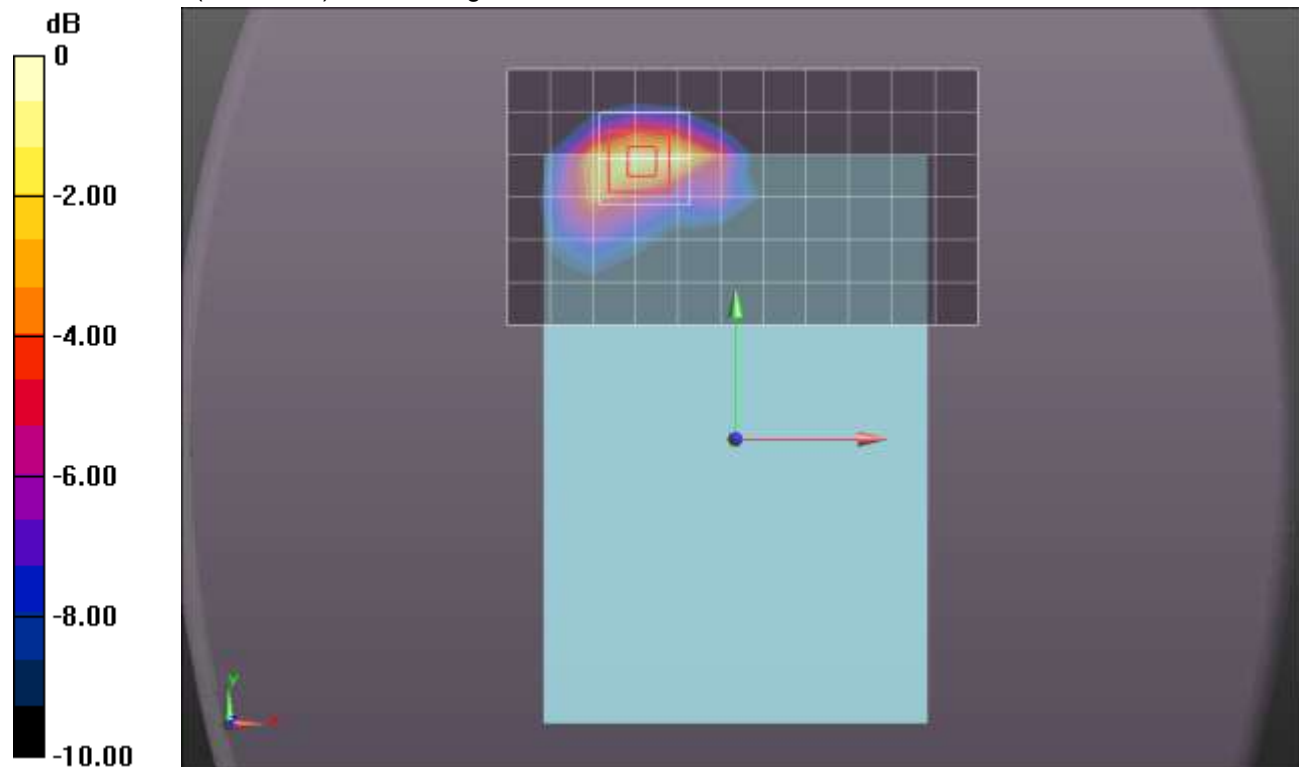
Reference Value = 41.844 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.618 W/kg

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

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

CDMA BC0

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 1.019 \text{ S/m}$; $\epsilon_r = 52.757$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(8.58, 8.58, 8.58); Calibrated: 11/15/2012;
- 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: 1118

Rear_Second Stage Prox. On_0 mm/1xEVDO_Rel. 0_ch 384/Area Scan (9x9x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.59 W/kg

Rear_Second Stage Prox. On_0 mm/1xEVDO_Rel. 0_ch 384/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

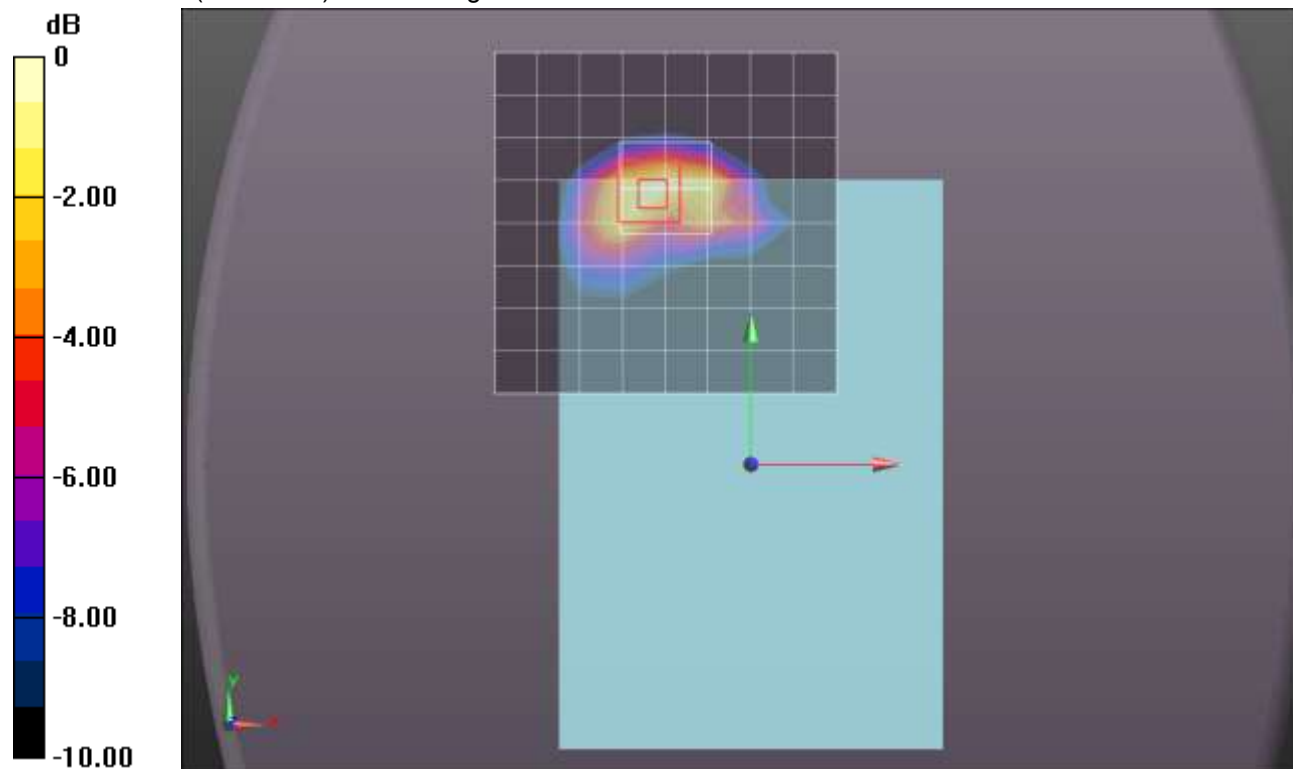
Reference Value = 40.718 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.620 W/kg

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

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

CDMA BC1

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.578 \text{ S/m}$; $\epsilon_r = 53.253$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(7.67, 7.67, 7.67); Calibrated: 10/9/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear_Second Stage Prox. On_0 mm/1xRTT_RC3 SO32_ch.1175/Area Scan (9x9x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.18 W/kg

Rear_Second Stage Prox. On_0 mm/1xRTT_RC3 SO32_ch.1175/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

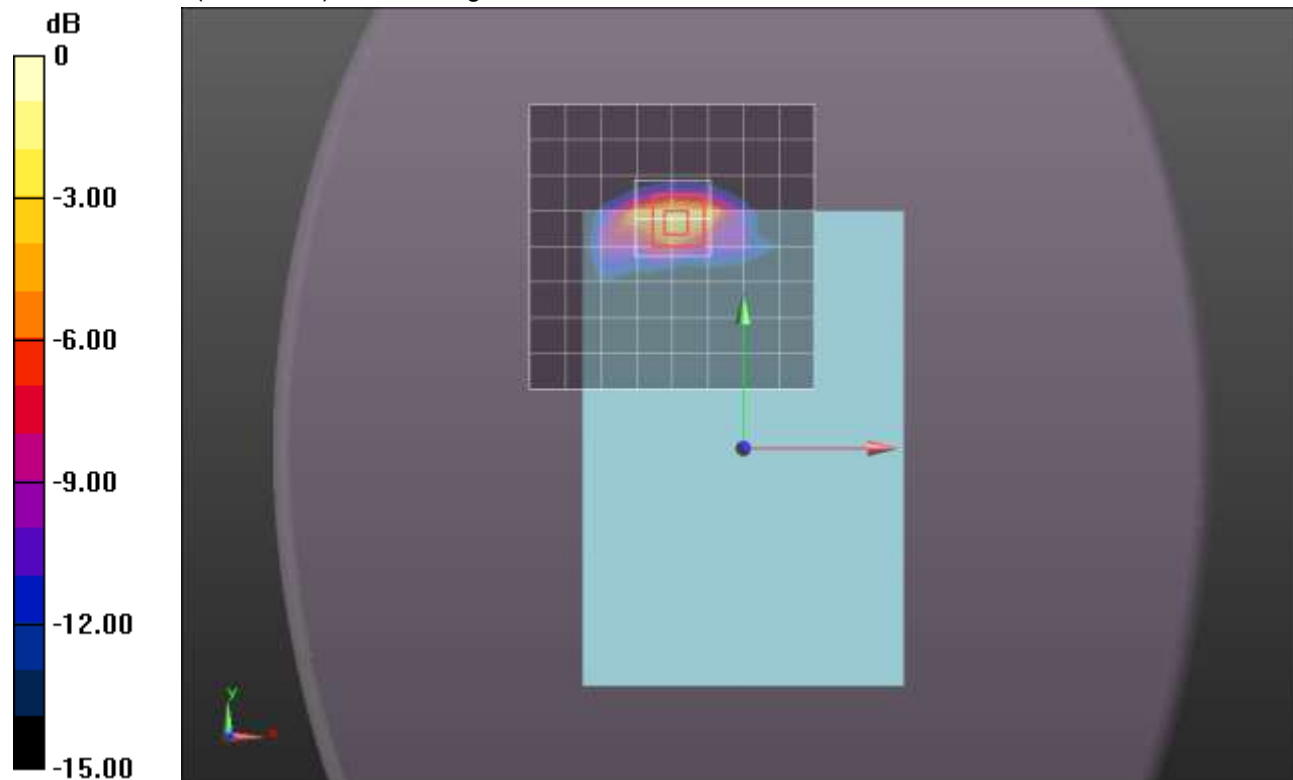
Reference Value = 32.215 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.512 W/kg

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

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

CDMA BC10

Frequency: 817.9 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 817.9$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 53.009$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(8.58, 8.58, 8.58); Calibrated: 11/15/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear_Second Stage Prox. On_0 mm/1xRTT_RC3 SO32_ch 476/Area Scan (14x18x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.30 W/kg

Rear_Second Stage Prox. On_0 mm/1xRTT_RC3 SO32_ch 476/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

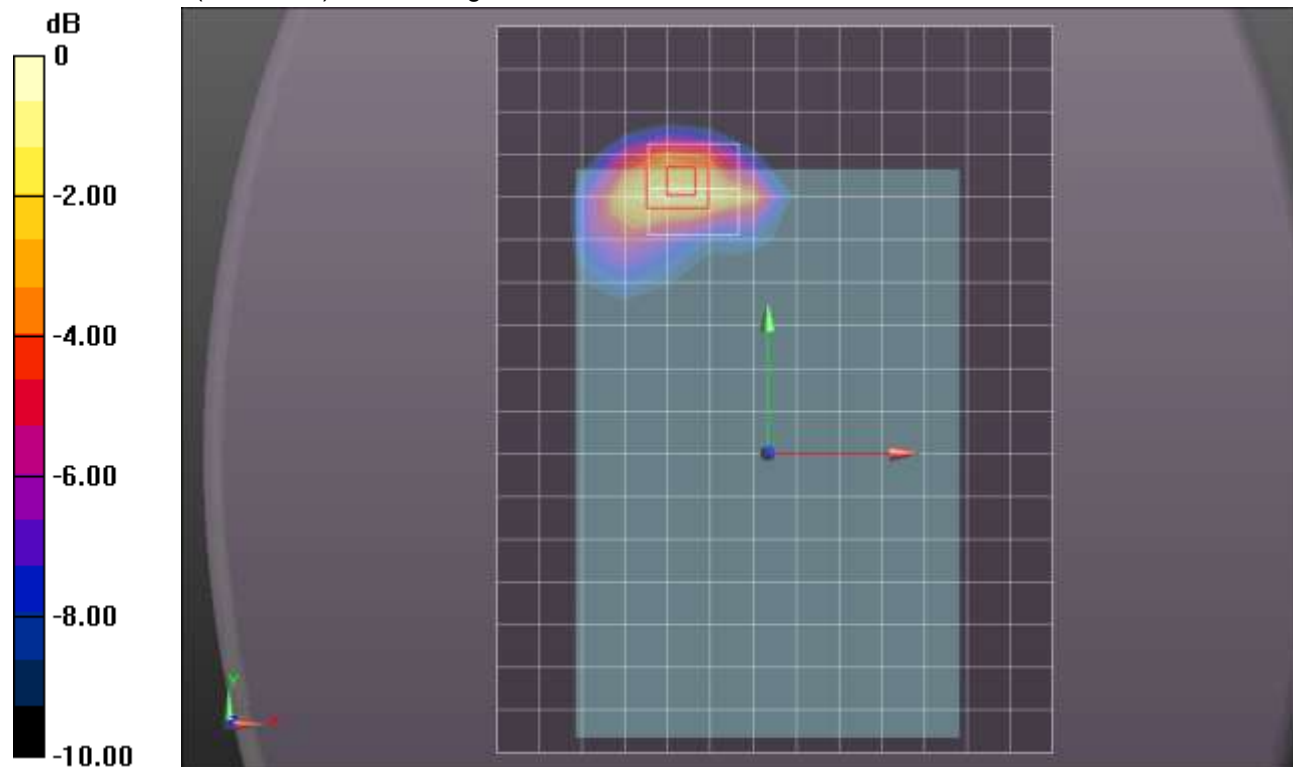
Reference Value = 40.916 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.601 W/kg

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

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

CDMA BC15

Frequency: 1711.25 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1711.25 \text{ MHz}$; $\sigma = 1.443 \text{ S/m}$; $\epsilon_r = 51.87$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1357; Calibrated: 2/5/2013
- Probe: EX3DV4 - SN3901; ConvF(8, 8, 8); Calibrated: 2/13/2013;
- 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: QDOVA002AA; Serial: 1180

Rear_Second Stage Prox. On_0 mm/1xRTT_RC3 SO32_ch 25_Prox On_0mm/Area Scan (9x9x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Maximum value of SAR (measured) = 0.939 W/kg

Rear_Second Stage Prox. On_0 mm/1xRTT_RC3 SO32_ch 25_Prox On_0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

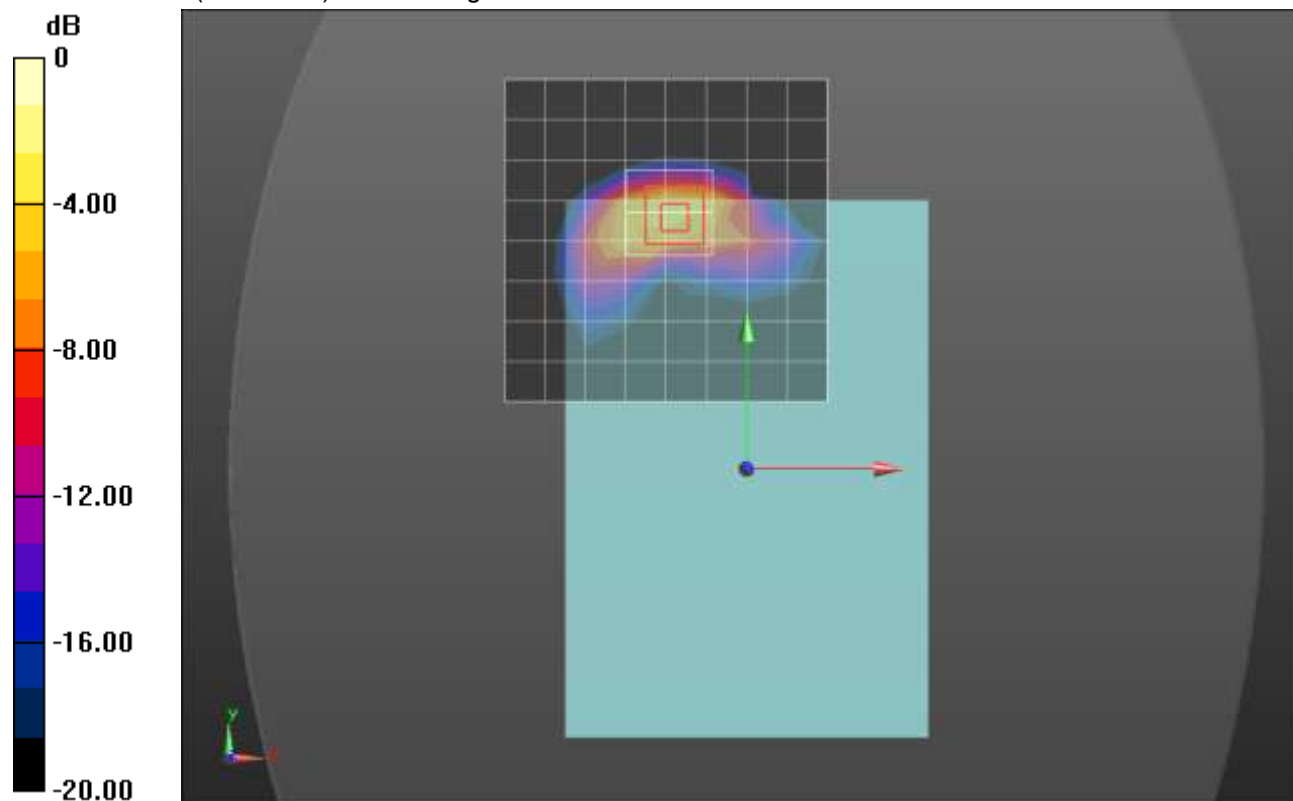
Reference Value = 33.037 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.532 W/kg

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

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

LTE Band 2

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.481 \text{ S/m}$; $\epsilon_r = 52.761$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3772; ConvF(6.96, 6.96, 6.96); Calibrated: 2/20/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 2_First Stage Prox. On_0 mm/QPSK_ch 19100_RB 50/49/Area Scan (8x10x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Edge 2_First Stage Prox. On_0 mm/QPSK_ch 19100_RB 50/49/Zoom Scan (5x5x7)/Cube

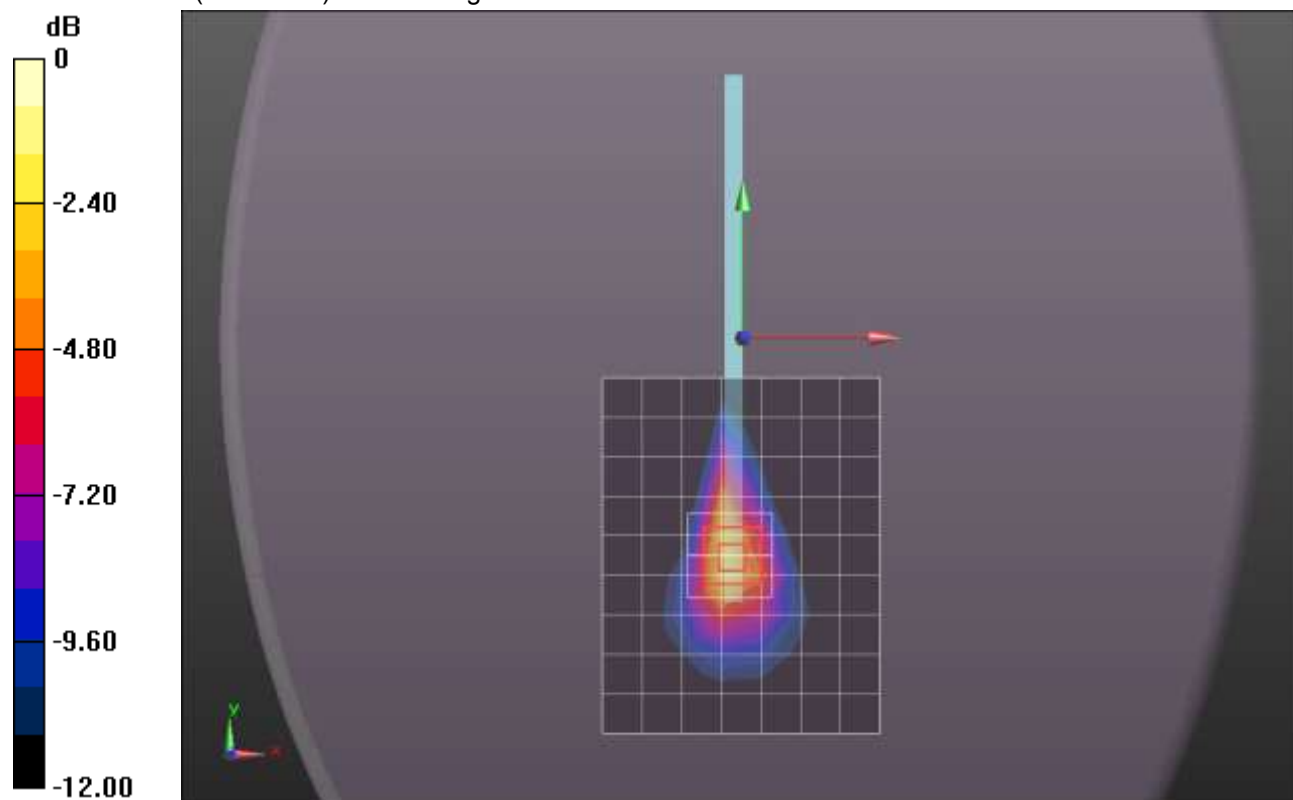
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.252 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.561 W/kg

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

LTE Band 4

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.482 \text{ mho/m}$; $\epsilon_r = 51.679$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1357; Calibrated: 2/5/2013
- Probe: EX3DV4 - SN3901; ConvF(8, 8, 8); Calibrated: 2/13/2013;
- 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: QDOVA002AA; Serial: 1180

Rear_Second Stage Prox. On_0 mm/QPSK_ch 20300_RB 50/49/Area Scan (9x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.18 W/kg

Rear_Second Stage Prox. On_0 mm/QPSK_ch 20300_RB 50/49/Zoom Scan

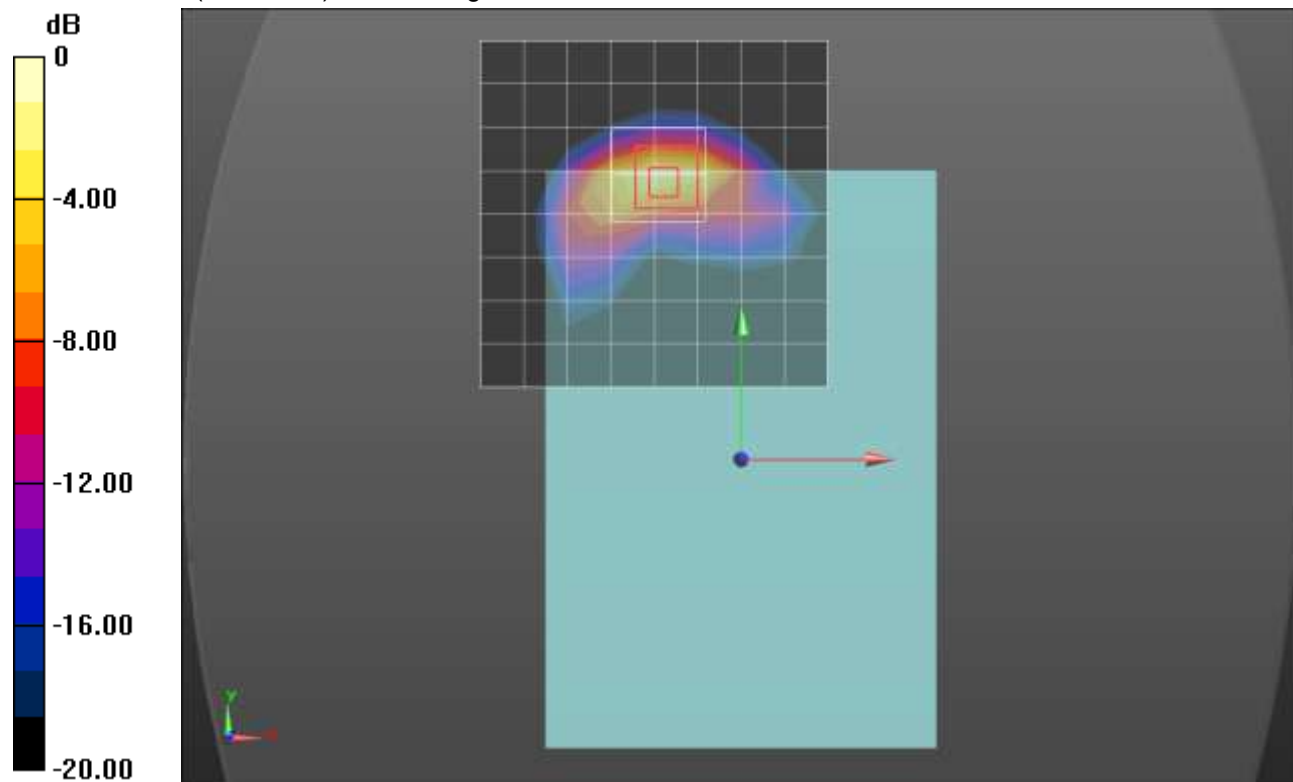
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.827 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.431 mW/g

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 3.17 dB W/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 54.228$; $\rho = 1000$ 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 Sn1360; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3686; ConvF(9.04, 9.04, 9.04); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Rear_Second Stage Prox. On_0 mm/QPSK_ch 20525_RB 25/12/Area Scan (9x9x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.06 W/kg

Rear_Second Stage Prox. On_0 mm/QPSK_ch 20525_RB 25/12/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

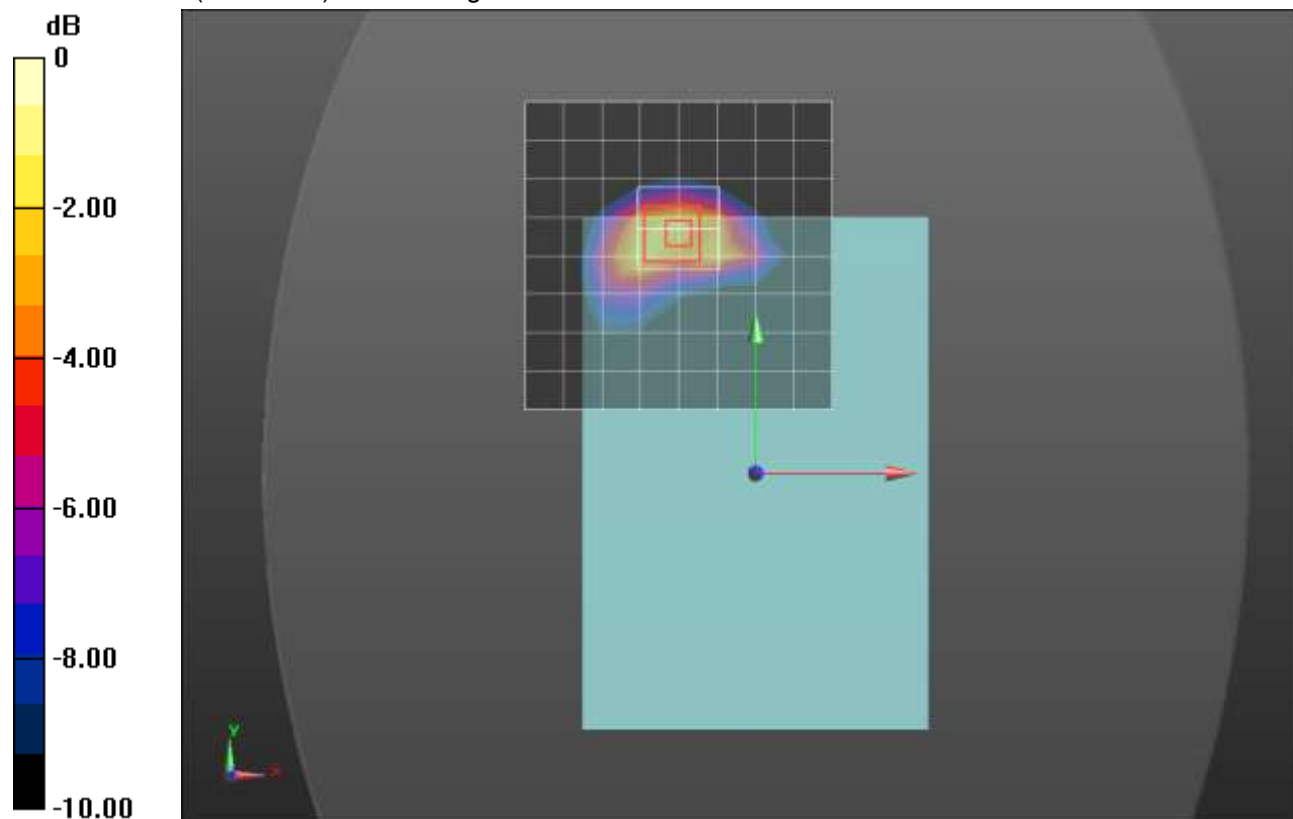
Reference Value = 33.043 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.592 W/kg

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

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

LTE Band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 1.004 \text{ S/m}$; $\epsilon_r = 53.021$; $\rho = 1000 \text{ kg/m}^3$

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear_Second Stage Prox. On_0 mm/QPSK_ch 23230_RB 1/0/Area Scan (14x19x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.61 W/kg

Rear_Second Stage Prox. On_0 mm/QPSK_ch 23230_RB 1/0/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

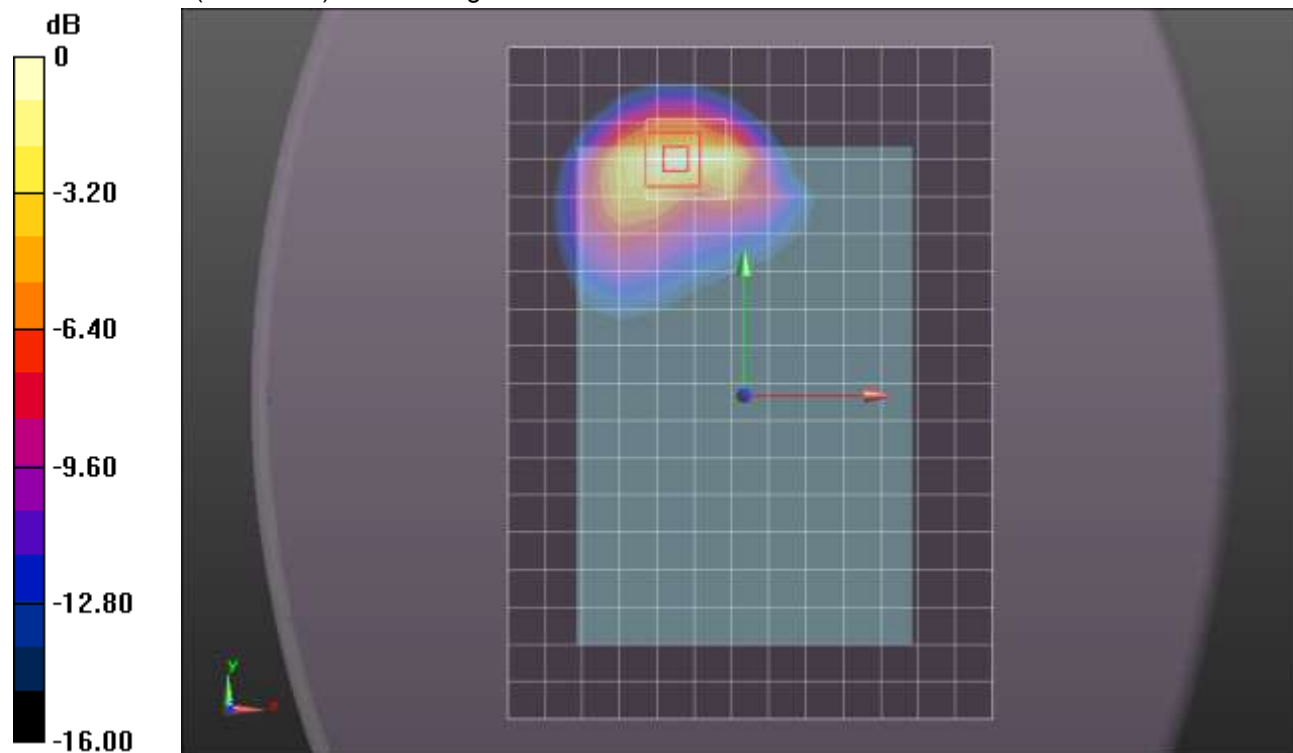
Reference Value = 41.092 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.605 W/kg

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

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

LTE Band 17

Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 53.34$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1343; Calibrated: 7/24/2013
- Probe: EX3DV4 - SN3885; ConvF(9.5, 9.5, 9.5); Calibrated: 10/9/2012;
- 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: 1185

Rear_Second Stage Prox. On_0 mm/QPSK_ch 23790_RB 1/24/Area Scan (9x9x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.920 W/kg

Rear_Second Stage Prox. On_0 mm/QPSK_ch 23790_RB 1/24/Zoom Scan (5x5x7)/Cube

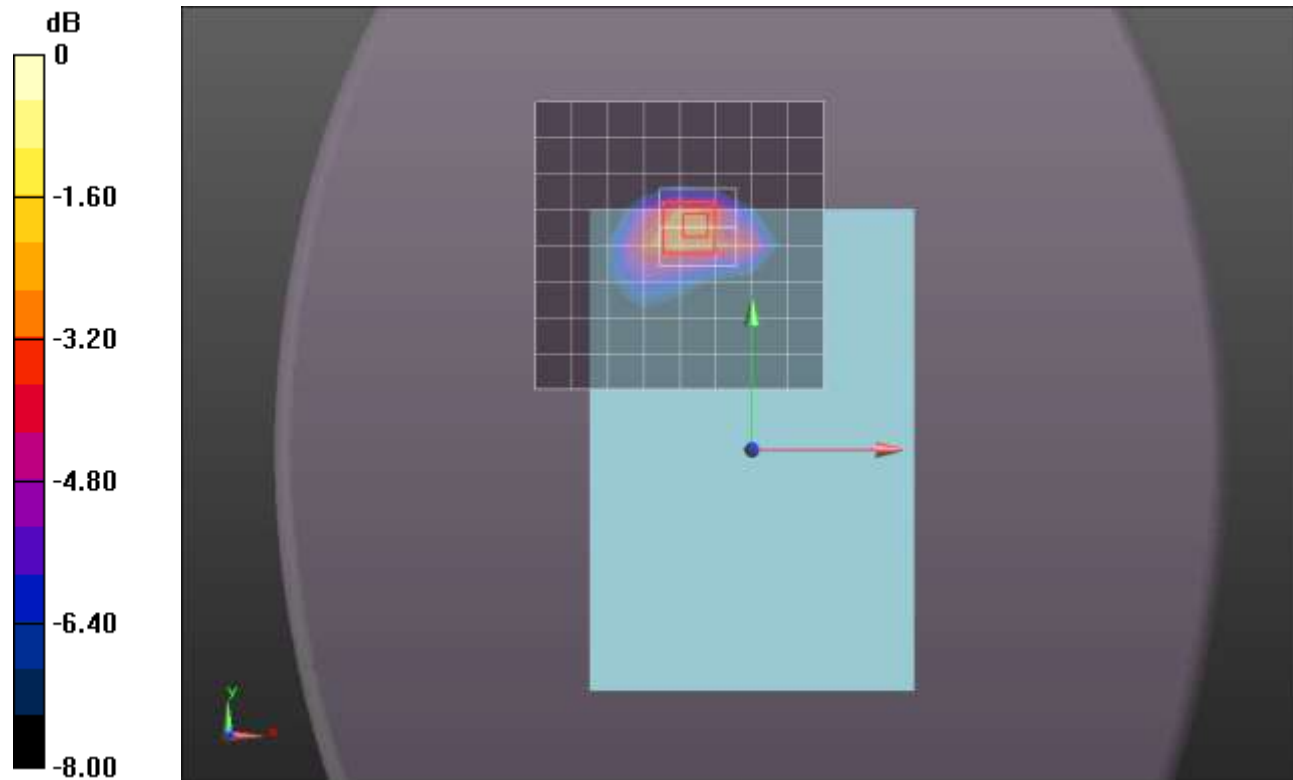
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 43.345 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.608 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

LTE Band 25

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1905 \text{ MHz}$; $\sigma = 1.489 \text{ S/m}$; $\epsilon_r = 52.712$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/28/2013
- Probe: EX3DV4 - SN3772; ConvF(6.96, 6.96, 6.96); Calibrated: 2/20/2013;
- 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: 1117

Edge 2_First Stage Prox. On_0 mm/QPSK_ch 26590_RB 100/0/Area Scan (8x10x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.909 W/kg

Edge 2_First Stage Prox. On_0 mm/QPSK_ch 26590_RB 100/0/Zoom Scan (5x5x7)/Cube

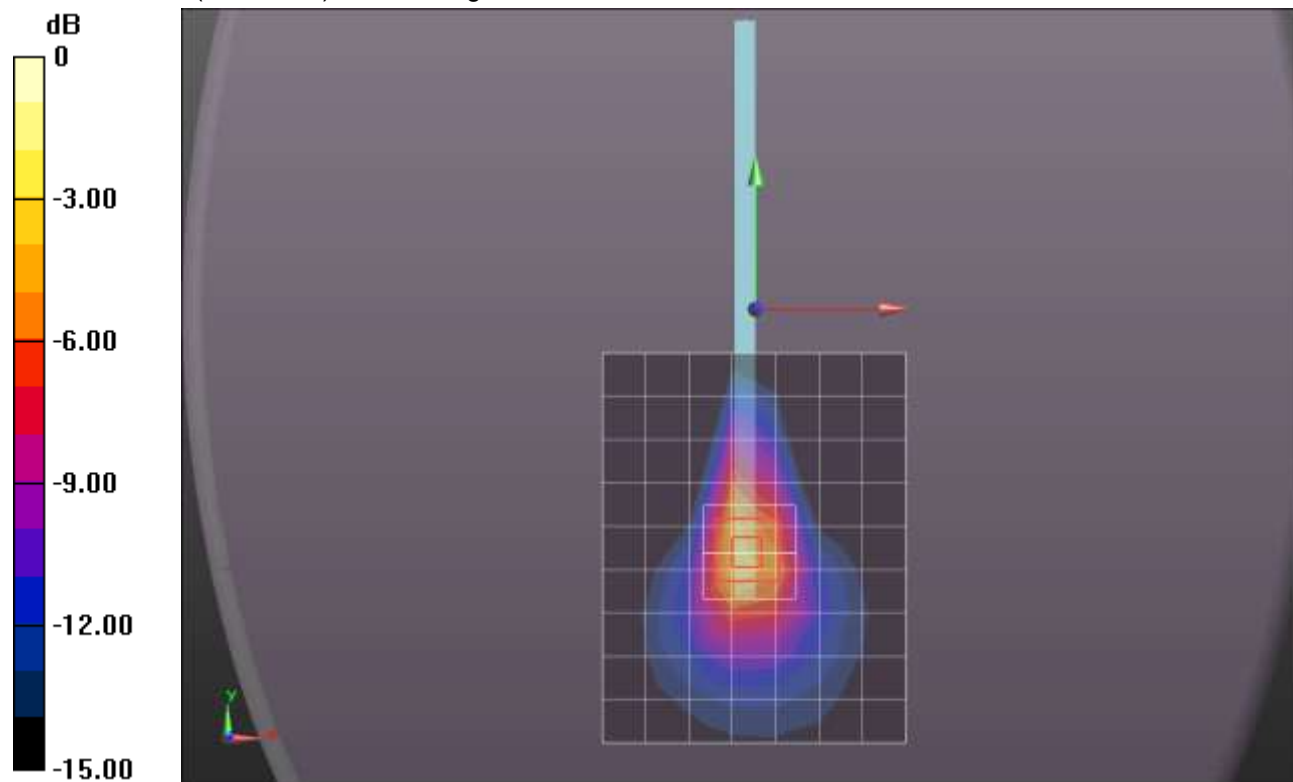
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.720 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

LTE Band 26

Frequency: 821.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 821.3$ MHz; $\sigma = 0.984$ S/m; $\epsilon_r = 54.36$; $\rho = 1000$ 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 Sn1360; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3686; ConvF(9.04, 9.04, 9.04); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Rear_Second Stage Prox. On_0 mm/QPSK_ch 26763_RB 12/0/Area Scan (9x9x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.06 W/kg

Rear_Second Stage Prox. On_0 mm/QPSK_ch 26763_RB 12/0/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

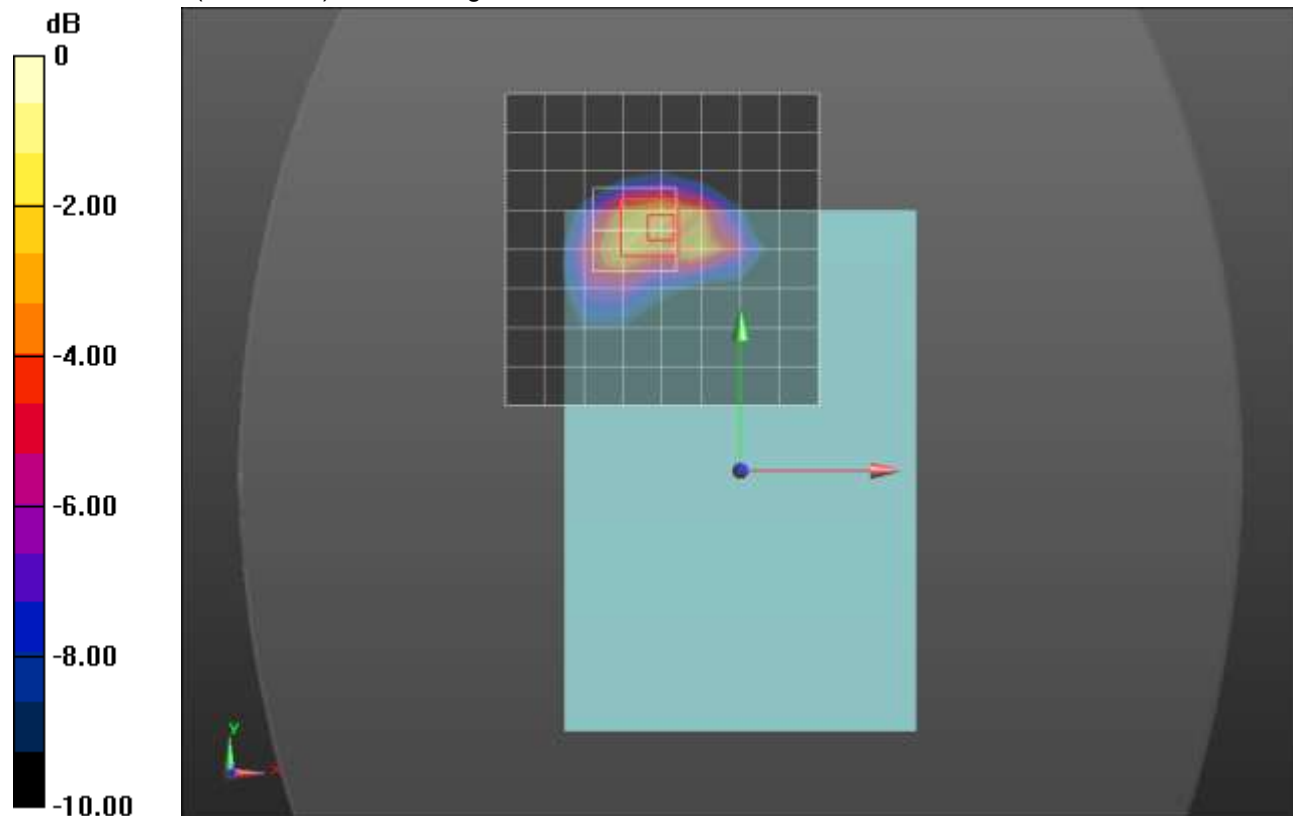
Reference Value = 33.173 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.583 W/kg

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

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

WiFi 2.4GHz Band (WiFi 1 + WiFi 2)

Frequency: 2417 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2417 \text{ MHz}$; $\sigma = 1.929 \text{ mho/m}$; $\epsilon_r = 52.094$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(6.62, 6.62, 6.62); Calibrated: 1/14/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

Edge 3/802.11b_WiFi 1 + WiFi 2 Ch 2/Area Scan (9x17x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Edge 3/802.11b_WiFi 1 Ch 2/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 31.656 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.7040

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.368 mW/g

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

Maximum value of SAR (measured) = 2.080 mW/g

Edge 3/802.11b_WiFi 2 Ch 2/Zoom Scan (7x7x7)/Cube 0:

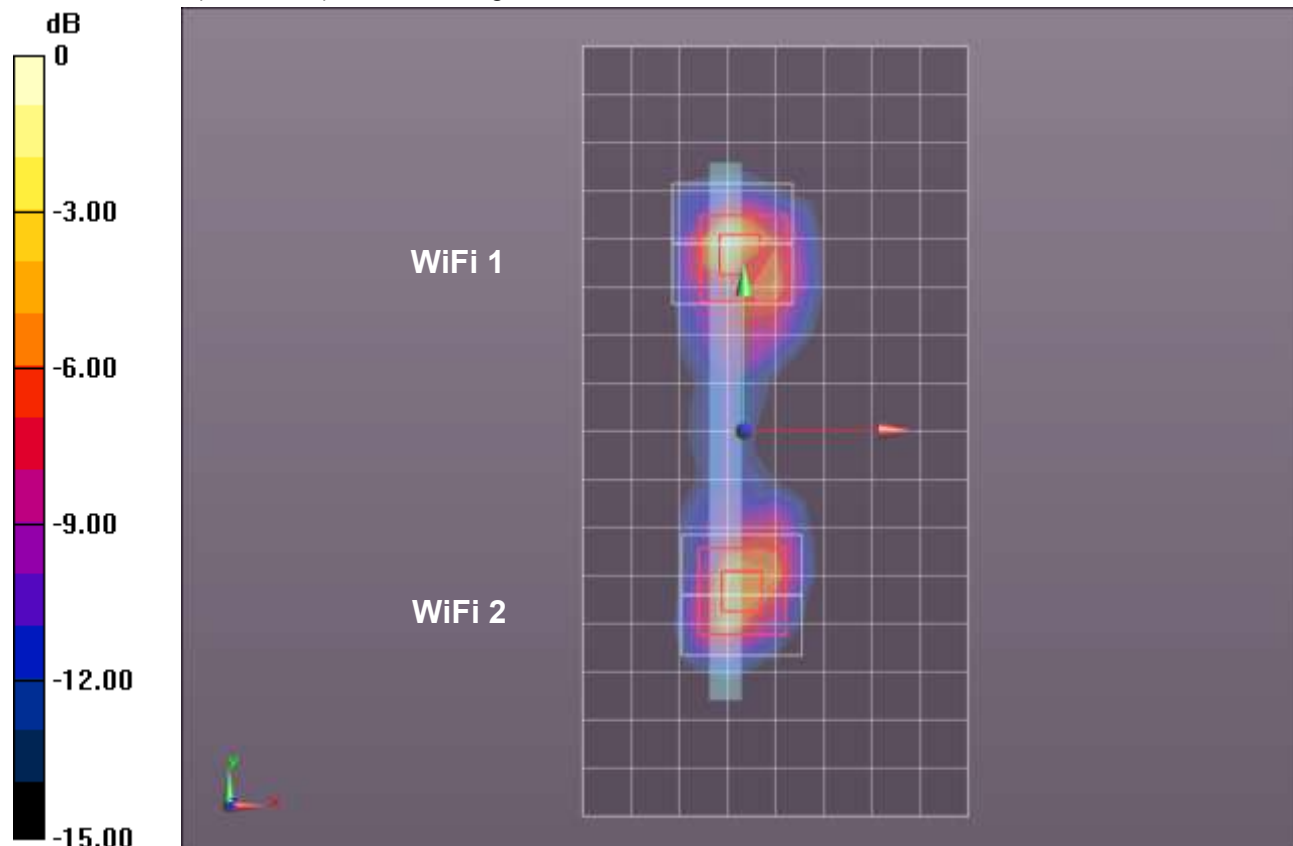
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 31.656 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.8050

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.270 mW/g

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

Maximum value of SAR (measured) = 1.724 mW/g



0 dB = 1.720mW/g = 4.71 dB mW/g

WiFi 5.8GHz (WiFi 2)

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.084 \text{ mho/m}$; $\epsilon_r = 46.637$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1278; Calibrated: 1/30/2013
- Probe: EX3DV4 - SN3676; ConvF(3.92, 3.92, 3.92); Calibrated: 1/14/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1135

Edge 3/802.11a_Ch 157/Area Scan (9x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.276 mW/g

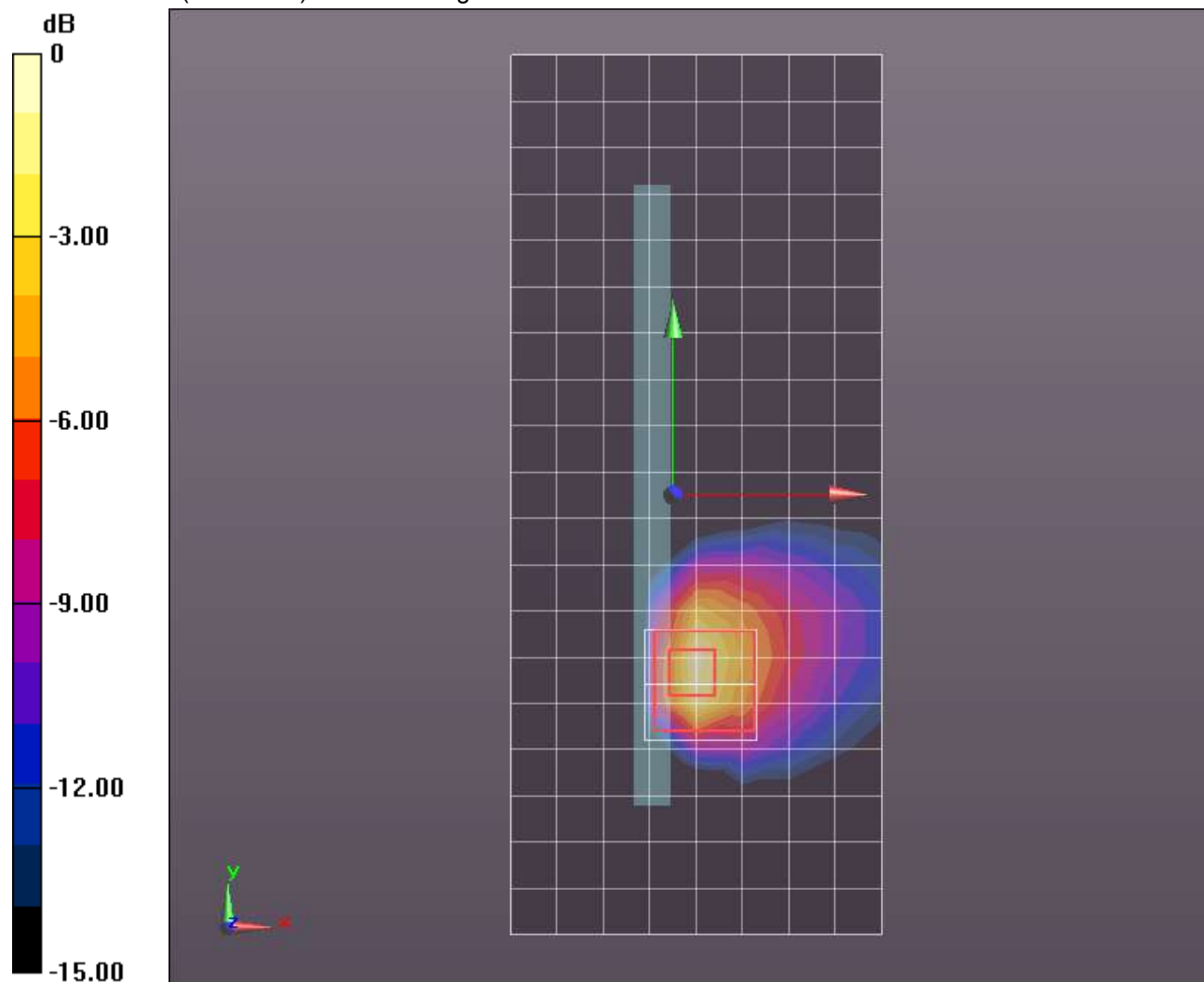
Edge 3/802.11a_Ch 157/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.898 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.0610

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 1.432 mW/g



0 dB = 1.430mW/g = 3.11 dB mW/g

WiFi 5.2GHz (WiFi 2)

Frequency: 5230 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5230$ MHz; $\sigma = 5.277$ mho/m; $\epsilon_r = 47.769$; $\rho = 1000$ 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 Sn1263; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3778; ConvF(4.14, 4.14, 4.14); Calibrated: 1/14/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1134

Edge 3/802.11n_HT40_Ch 46/Area Scan (9x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.480 mW/g

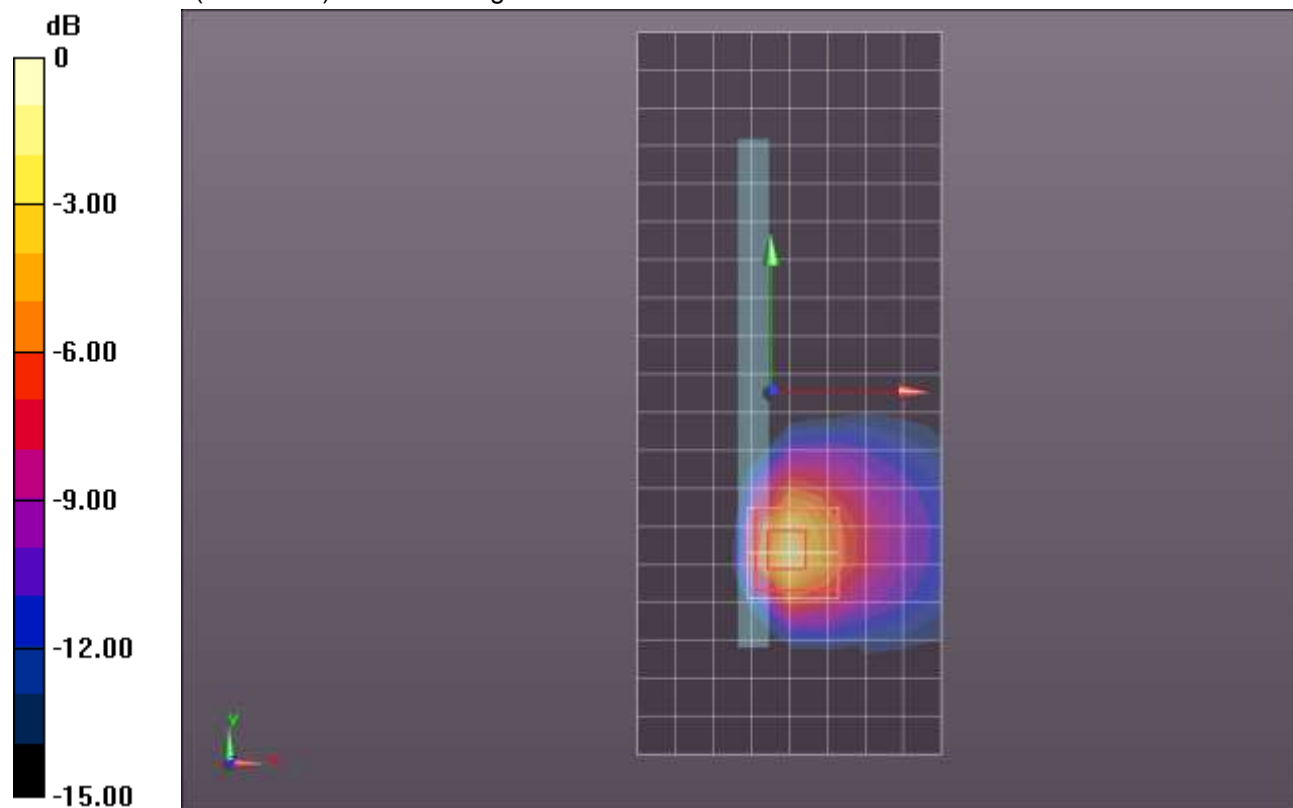
Edge 3/802.11n_HT40_Ch 46/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.263 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.6420

SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 1.742 mW/g



0 dB = 1.740mW/g = 4.81 dB mW/g

WiFi 5.3GHz (WiFi 2)

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.365 \text{ mho/m}$; $\epsilon_r = 47.803$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(3.98, 3.98, 3.98); Calibrated: 1/14/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

Edge 3/802.11a_Ch 60/Area Scan (9x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.852 mW/g

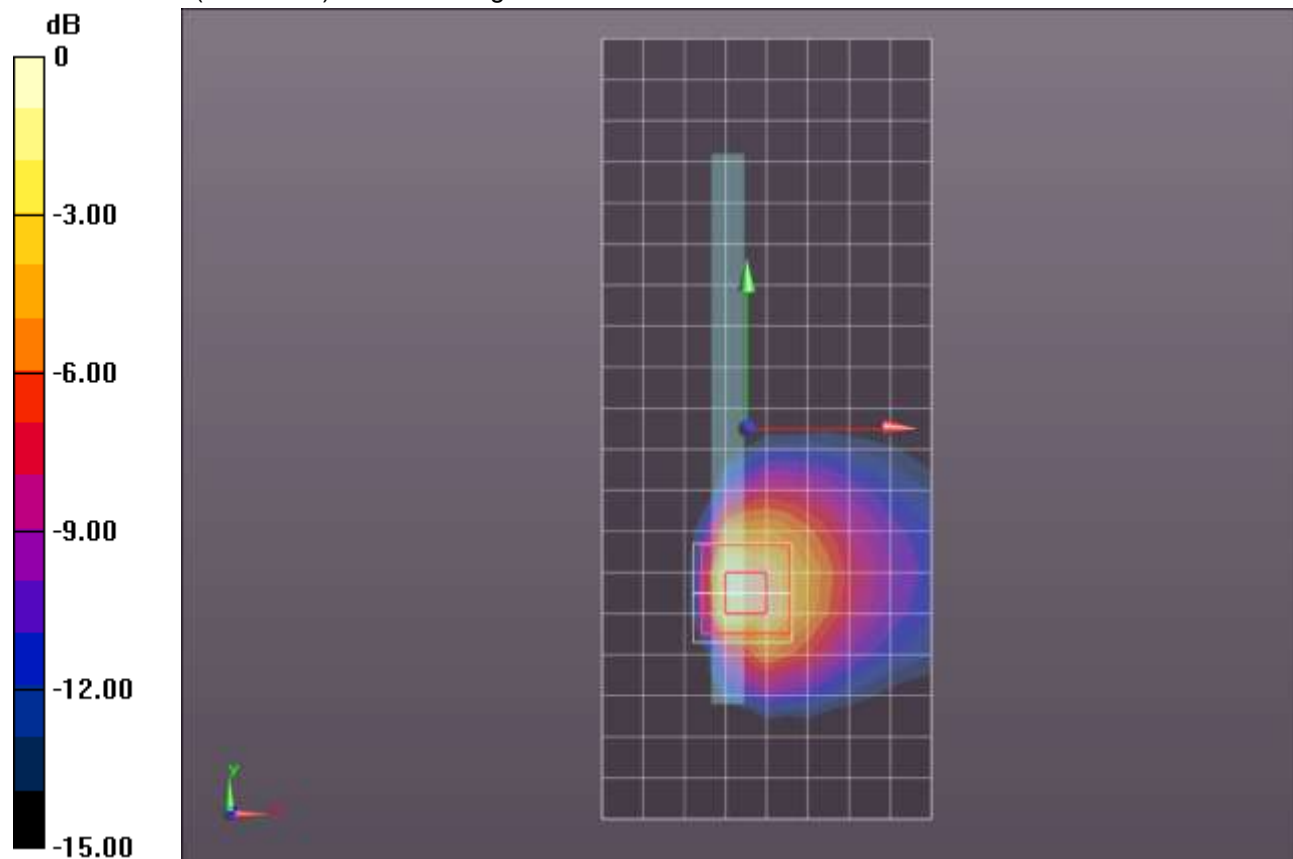
Edge 3/802.11a_Ch 60/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.201 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 4.1040

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 2.024 mW/g



0 dB = 2.020mW/g = 6.11 dB mW/g

WiFi 5.5GHz (Ant 2)

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5680 \text{ MHz}$; $\sigma = 5.765 \text{ mho/m}$; $\epsilon_r = 47.322$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1261; Calibrated: 1/16/2013
- Probe: EX3DV4 - SN3871; ConvF(3.85, 3.85, 3.85); Calibrated: 7/29/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Edge 3/802.11a_Ch 136/Area Scan (9x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.455 mW/g

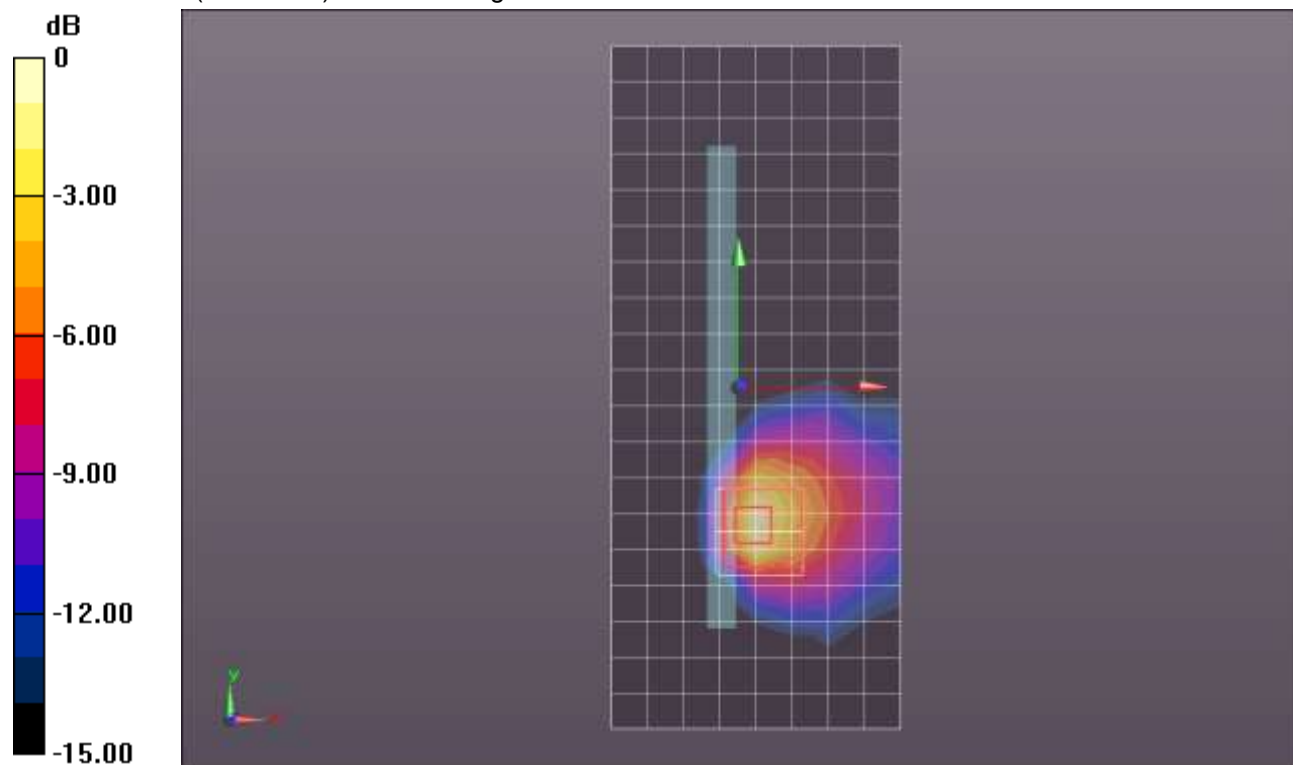
Edge 3/802.11a_Ch 136/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.762 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.8250

SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 1.601 mW/g



0 dB = 1.600mW/g = 4.08 dB mW/g

WiFi BT (WiFi 1)

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 52.009$; $\rho = 1000$ 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 Sn1264; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3720; ConvF(6.62, 6.62, 6.62); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

Edge 3/802.15 GFSK_Ch 39/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.370 mW/g

Edge 3/802.15 GFSK_Ch 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

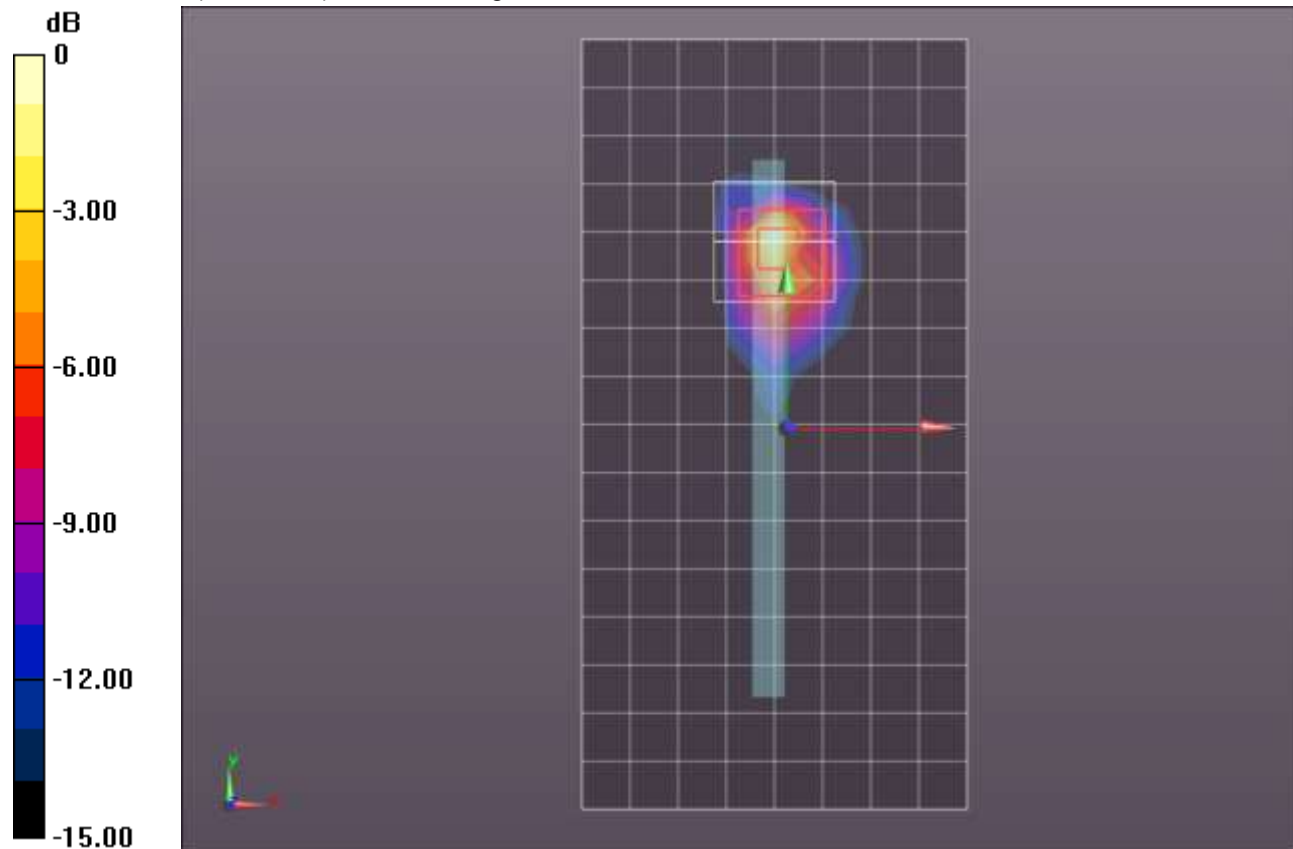
Reference Value = 13.749 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.6690

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.067 mW/g

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

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



0 dB = 0.370mW/g = -8.64 dB mW/g