

2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 50.706$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.76, 6.76, 6.76); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Rear/802.11b_ch 6 (A)/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm

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

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

Rear/802.11b_ch 6 (A)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

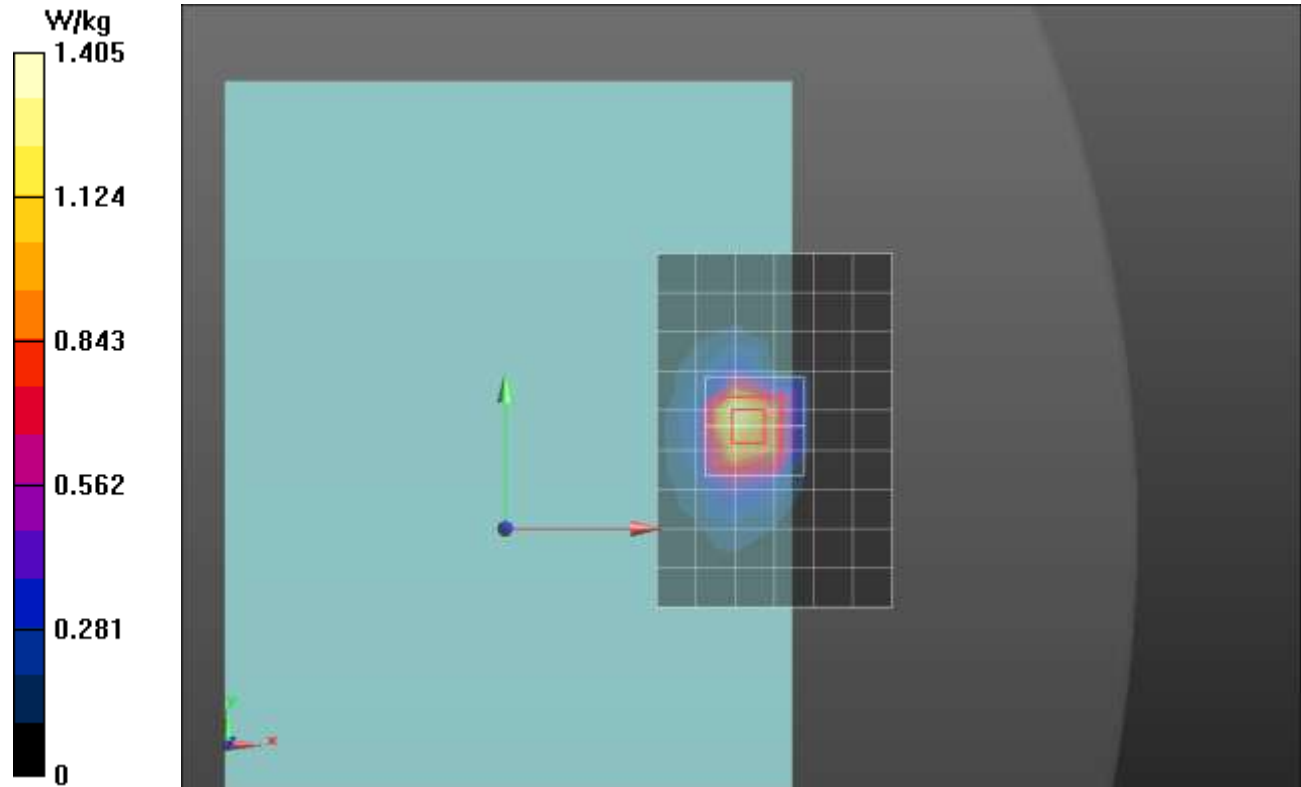
Reference Value = 27.364 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.482 W/kg

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

Maximum value of SAR (measured) = 1.92 W/kg



2.4 GHz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 51.531$; $\rho = 1000$ 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(6.61, 6.61, 6.61); Calibrated: 11/15/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/802.11n_ch 11 (MIMO)/Area Scan (7x27x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.43 W/kg

Rear/802.11n_ch 11 (MIMO)/Zoom Scan (7x7x7)/Cube 0(A): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.136 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.420 W/kg

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

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

Rear/802.11n_ch 11 (MIMO)/Zoom Scan (7x7x7)/Cube 1(B): Measurement grid: dx=5mm, dy=5mm, dz=5mm

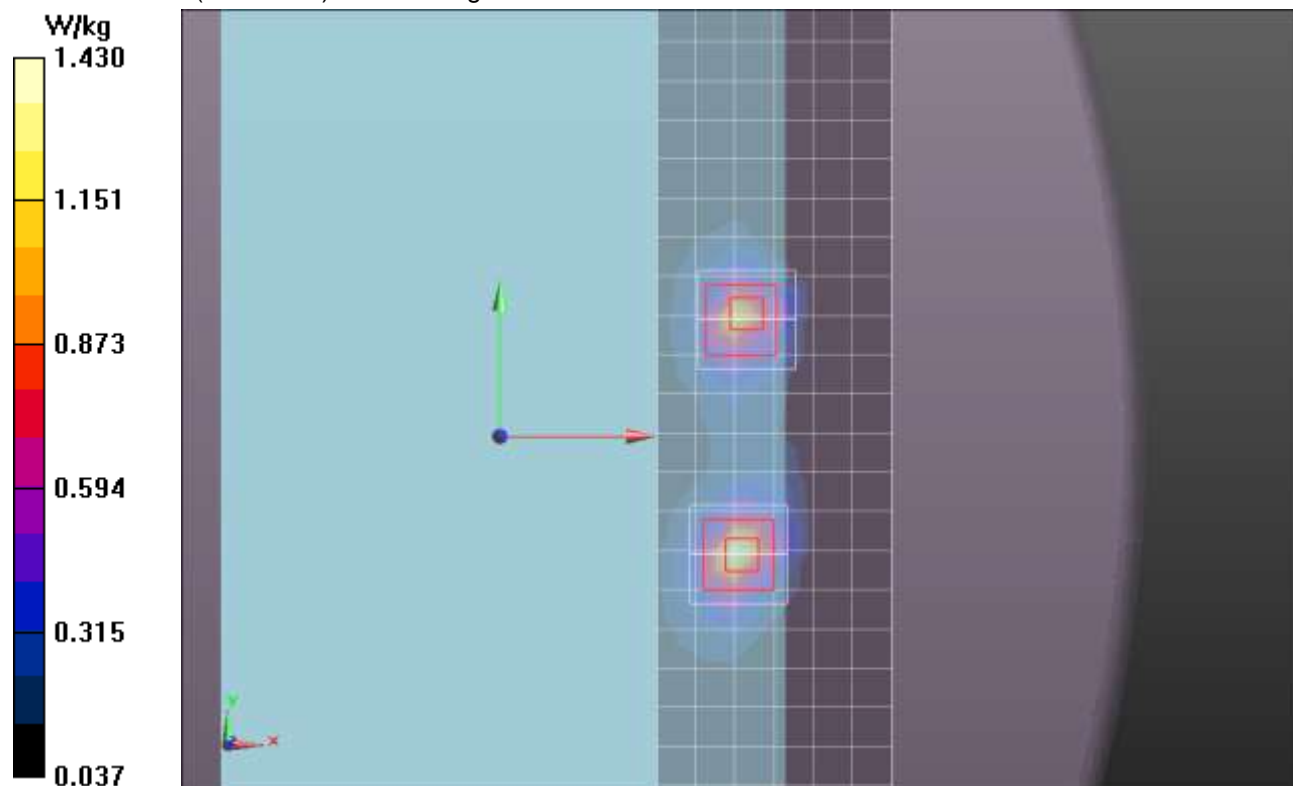
Reference Value = 27.136 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.362 W/kg

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

Maximum value of SAR (measured) = 1.33 W/kg



5.2 GHz Antenna B

Frequency: 5220 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5220$ MHz; $\sigma = 5.294$ S/m; $\epsilon_r = 46.95$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.23, 4.23, 4.23); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Rear/802.11a_Ch 44/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.25 W/kg

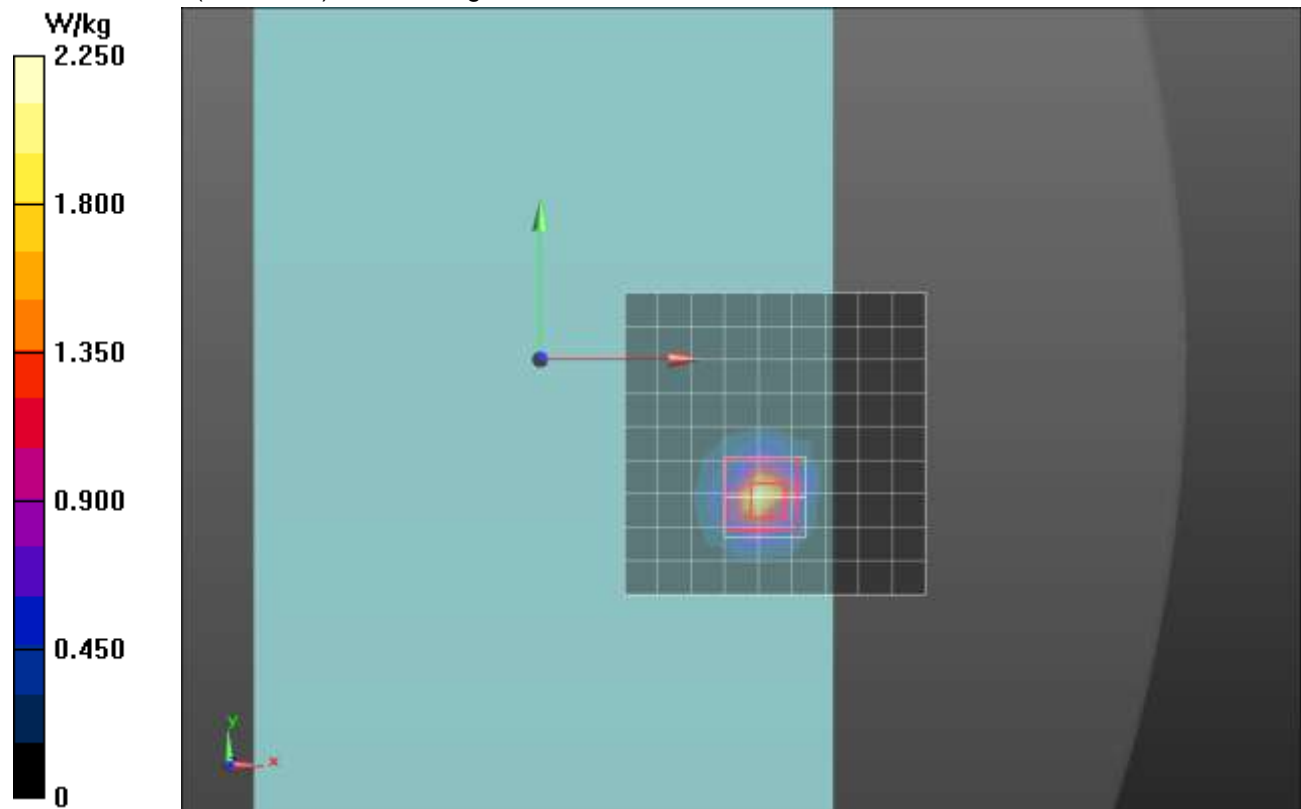
Rear/802.11a_Ch 44/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 22.189 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 5.36 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 2.55 W/kg



5.3 GHz Antenna B

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.334$ S/m; $\epsilon_r = 46.873$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.96, 3.96, 3.96); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Rear/802.11a_Ch 52 PWR SET 10/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.88 W/kg

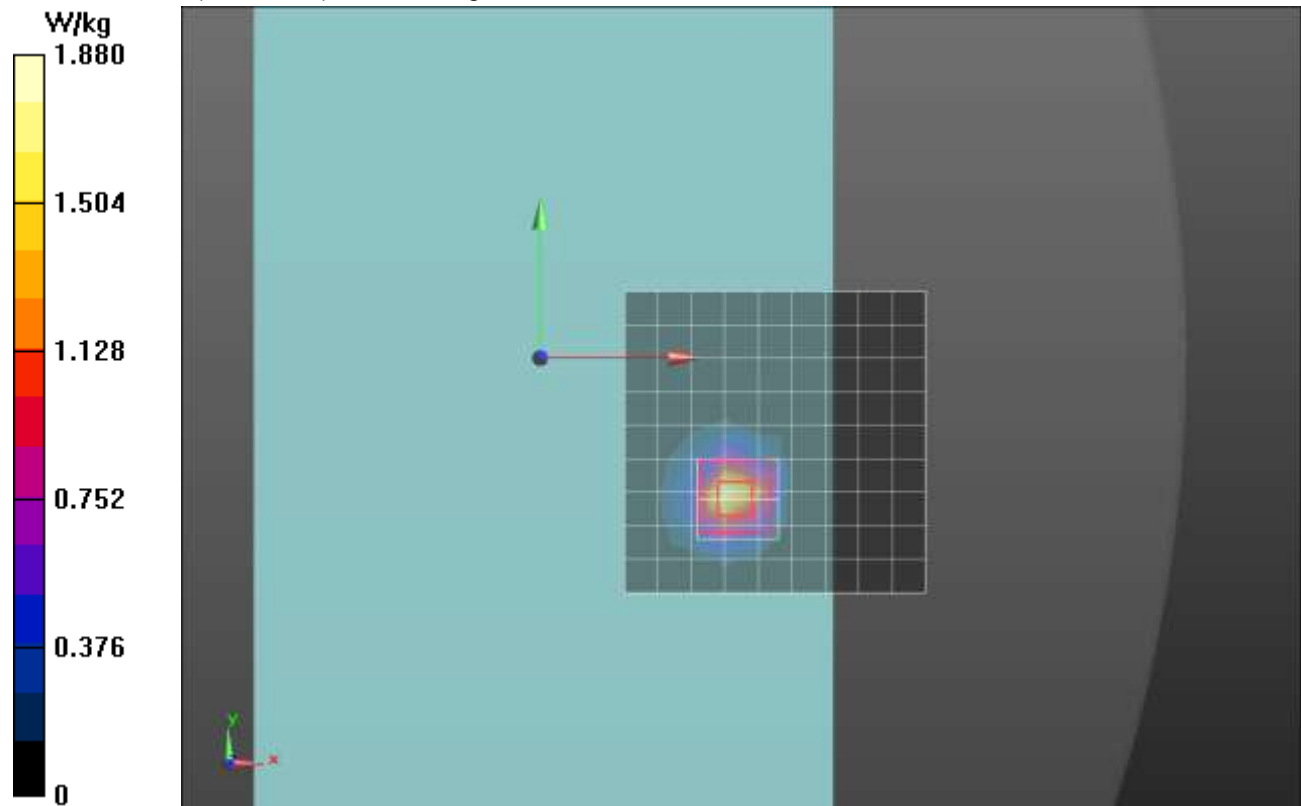
Rear/802.11a_Ch 52 PWR SET 10/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 22.499 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.67 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



5.5 GHz Antenna B

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.752 \text{ S/m}$; $\epsilon_r = 46.376$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Rear/802.11a_Ch 116/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.64 W/kg

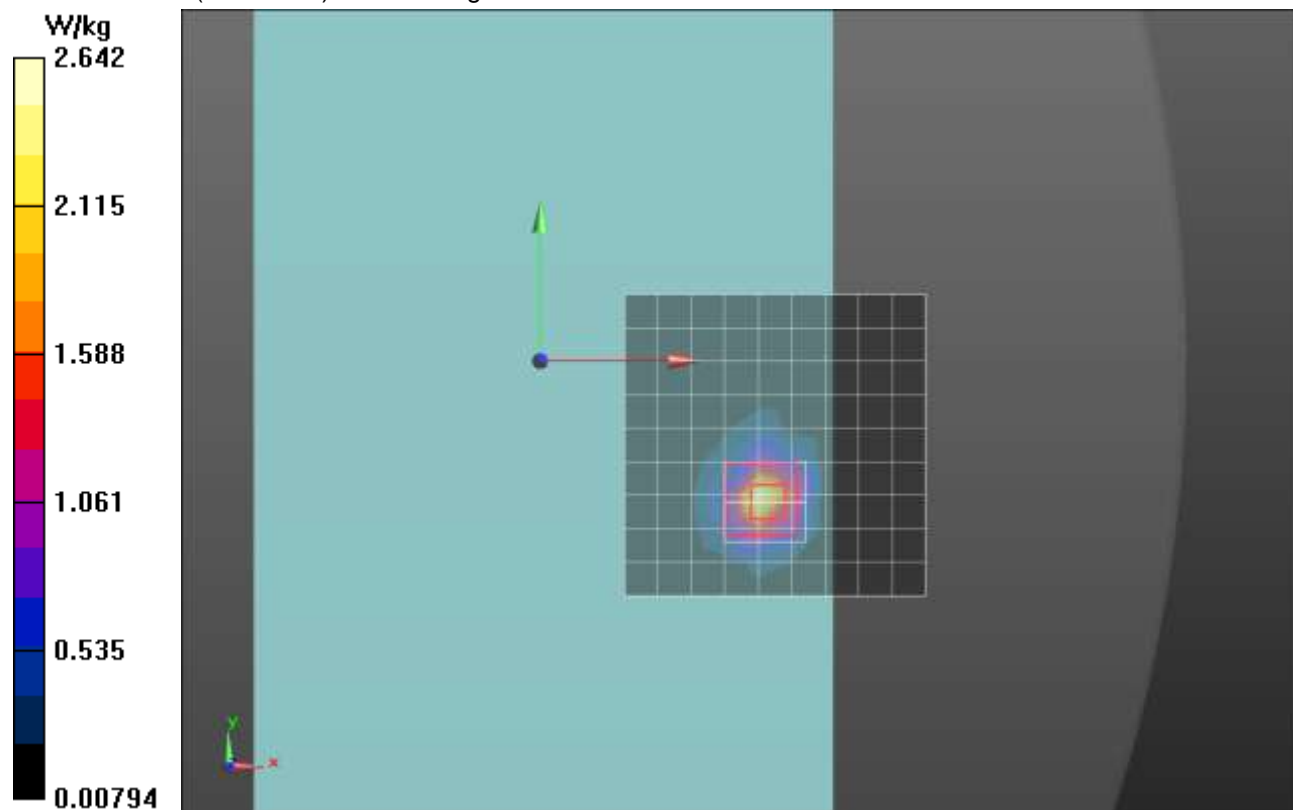
Rear/802.11a_Ch 116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.910 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.00 W/kg

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 2.82 W/kg



5.8 GHz Antenna A

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.966 \text{ S/m}$; $\epsilon_r = 46.072$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.89, 3.89, 3.89); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA002AA; Serial: TP:xxxx

Rear/802.11a_Ch 149/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 3.11 W/kg

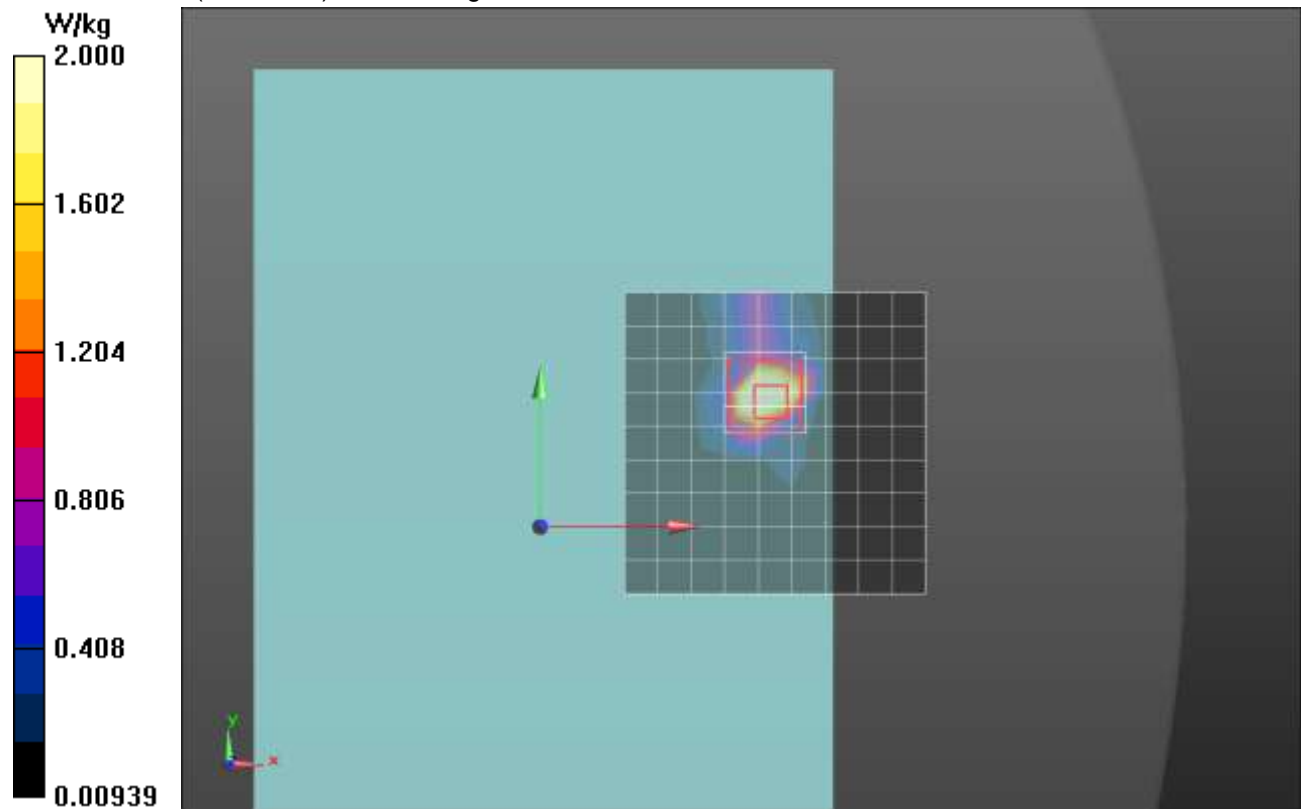
Rear/802.11a_Ch 149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.646 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.68 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 2.55 W/kg



5.2 GHz MIMO

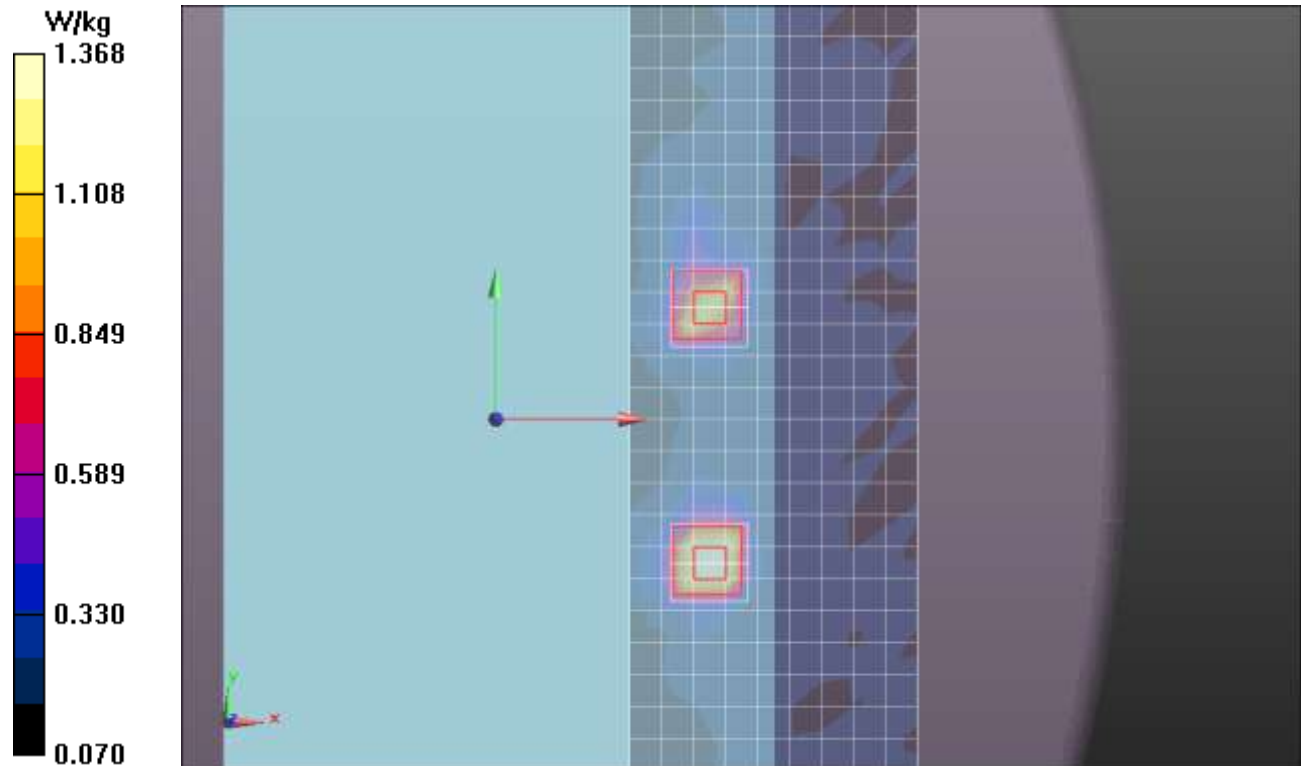
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.385$ S/m; $\epsilon_r = 47.143$; $\rho = 1000$ kg/m³
 DASY5 Configuration:

- 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(4.26, 4.26, 4.26); Calibrated: 11/15/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11n_Ch 36 PWR 10/Area Scan (10x31x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.37 W/kg

Rear/802.11n_Ch 36 PWR 10/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.106 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 5.08 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.469 W/kg
 Maximum value of SAR (measured) = 2.34 W/kg

Rear/802.11n_Ch 36 PWR 10/Zoom Scan 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.106 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 6.13 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.401 W/kg
 Maximum value of SAR (measured) = 2.39 W/kg



5.3 GHz MIMO

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.561$ S/m; $\epsilon_r = 46.838$; $\rho = 1000$ 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(4, 4, 4); Calibrated: 11/15/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11n_Ch 64 PWR 10/Area Scan (10x31x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.52 W/kg

Rear/802.11n_Ch 64 PWR 10/Zoom Scan (7x7x12)/Cube 0(B): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.101 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.83 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.504 W/kg

Maximum value of SAR (measured) = 2.19 W/kg

Rear/802.11n_Ch 64 PWR 10/Zoom Scan 2 (7x7x12)/Cube 0(A): Measurement grid: dx=4mm, dy=4mm, dz=2mm

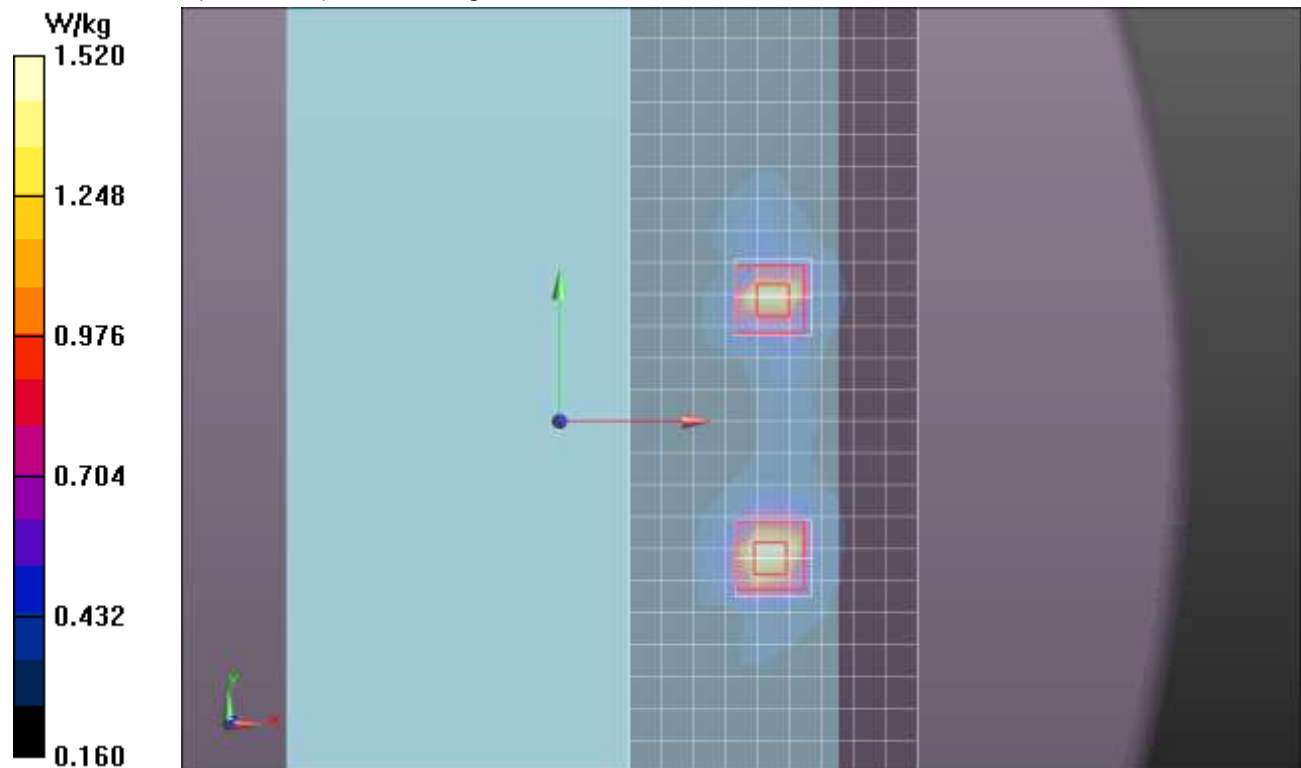
Reference Value = 18.101 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.79 W/kg

Peak SAR (extrapolated) = 5.79 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 2.29 W/kg



5.5 GHz MIMO

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.845$ S/m; $\epsilon_r = 46.618$; $\rho = 1000$ 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(3.69, 3.69, 3.69); Calibrated: 11/15/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11n_Ch 100 PWR 8/Area Scan (10x31x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.64 W/kg

Rear/802.11n_Ch 100 PWR 8/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.943 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.68 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 2.13 W/kg

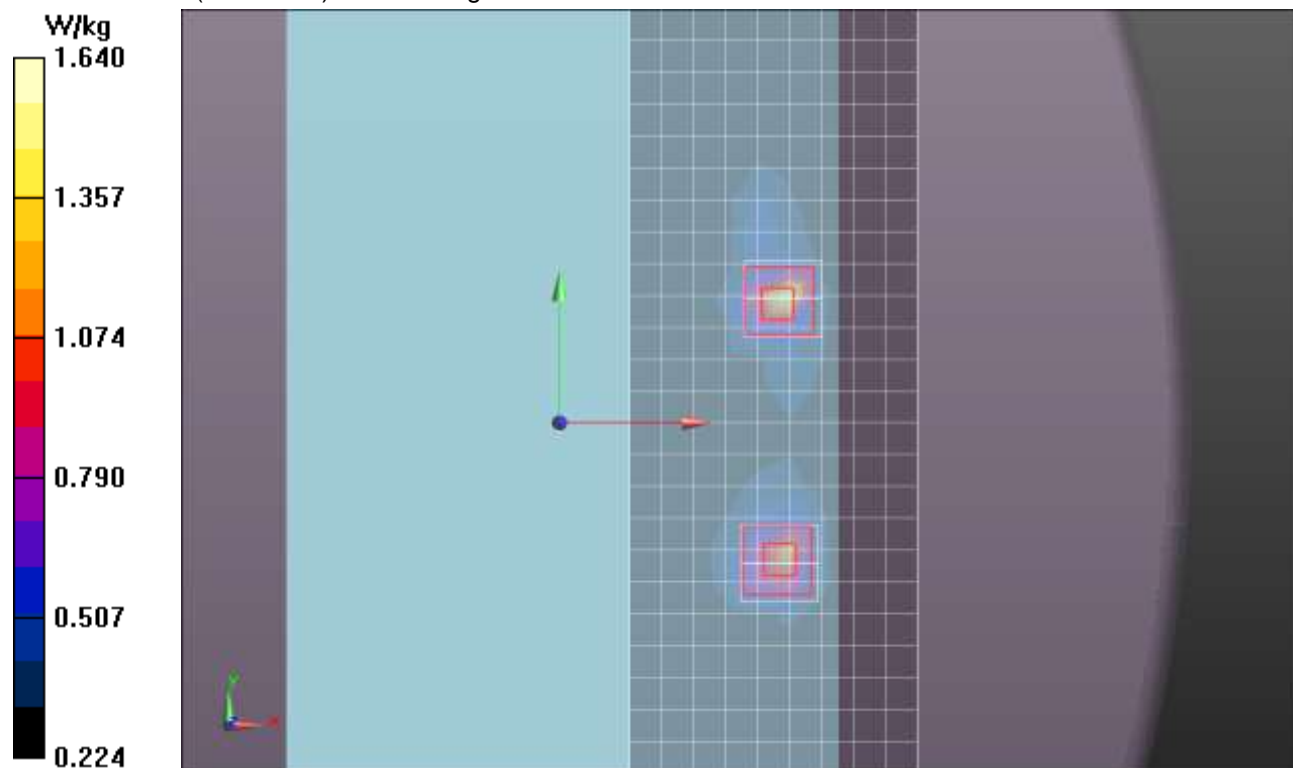
Rear/802.11n_Ch 100 PWR 8/Zoom Scan 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.943 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.477 W/kg

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



5.8 GHz MIMO

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.282 \text{ S/m}$; $\epsilon_r = 46.147$; $\rho = 1000 \text{ kg/m}^3$

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(3.88, 3.88, 3.88); Calibrated: 11/15/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11n_Ch 165 PWR 10/Area Scan (10x31x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.59 W/kg

Rear/802.11n_Ch 165 PWR 10/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.602 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 5.03 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.545 W/kg
 Maximum value of SAR (measured) = 2.24 W/kg

Rear/802.11n_Ch 165 PWR 10/Zoom Scan 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.602 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 5.74 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.416 W/kg

