

**GSM850 ANT 1**

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 40.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 836.6 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_GPRS 2 slots\_ch 190/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.182 W/kg

**RHS/Touch\_GPRS 2 slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.199 W/kg

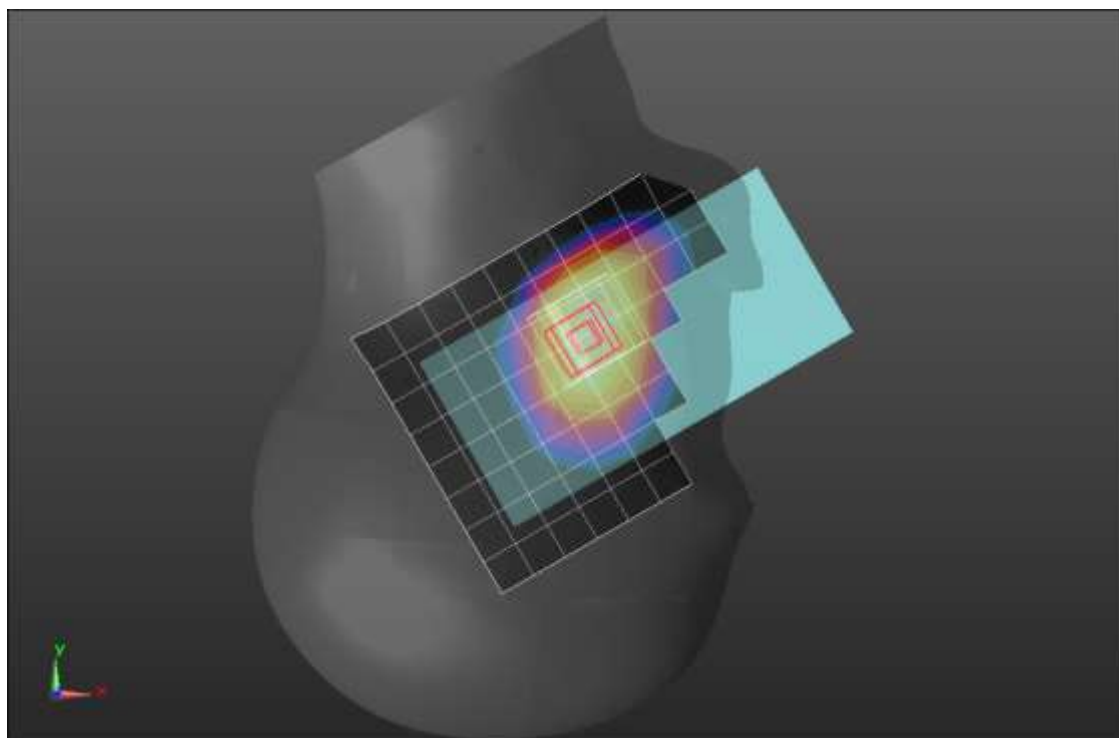
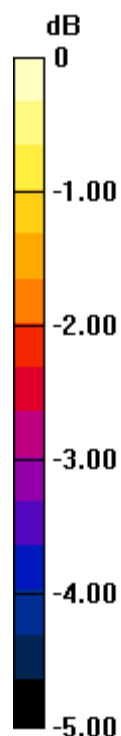
**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.123 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 80.3%

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

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

## GSM850 ANT 1

Frequency: 824.2 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.245$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 824.2 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/GPRS 2 slots\_ch 128/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.983 W/kg

**Rear/GPRS 2 slots\_ch 128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.90 V/m; Power Drift = -0.07 dB

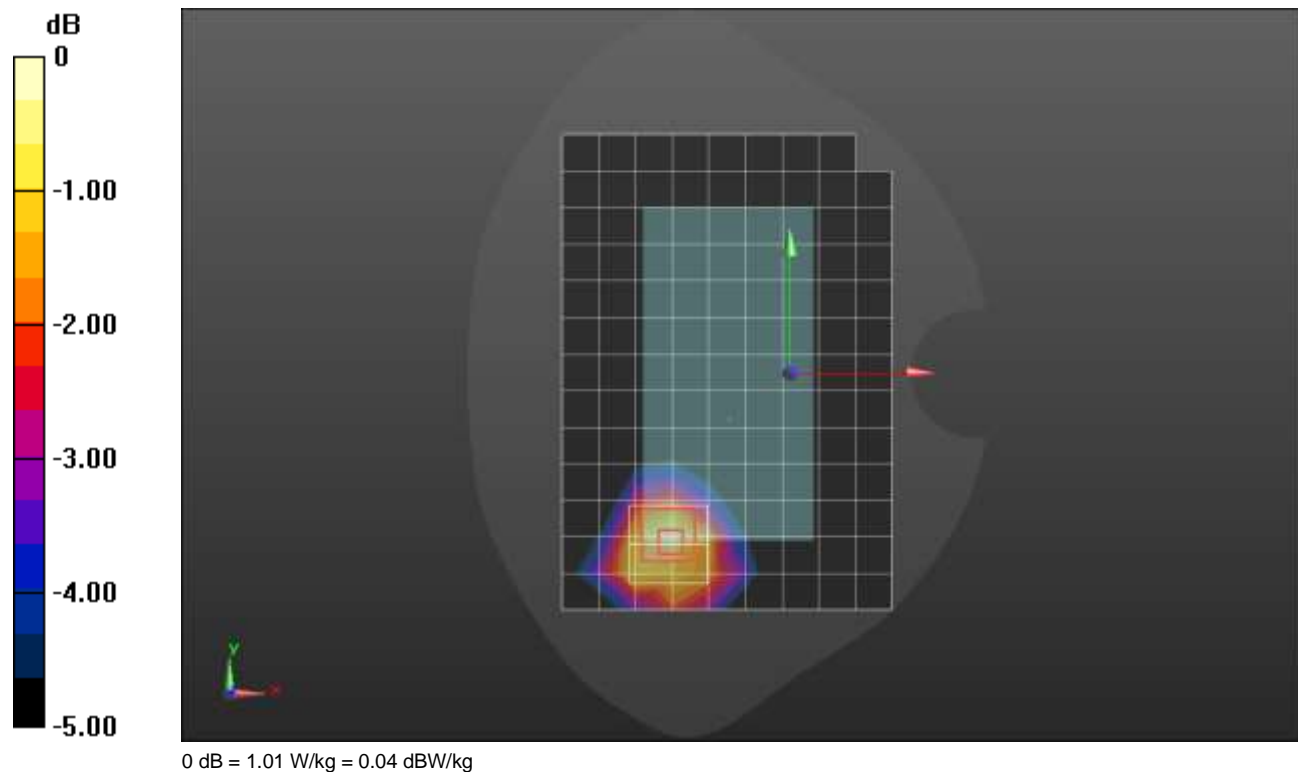
Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.497 W/kg**

Smallest distance from peaks to all points 3 dB below = 23.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

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



## GSM850 ANT 2

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 40.673$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 2048

**RHS/Touch\_GPRS 2 slots\_ch 251/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.884 W/kg

**RHS/Touch\_GPRS 2 slots\_ch 251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

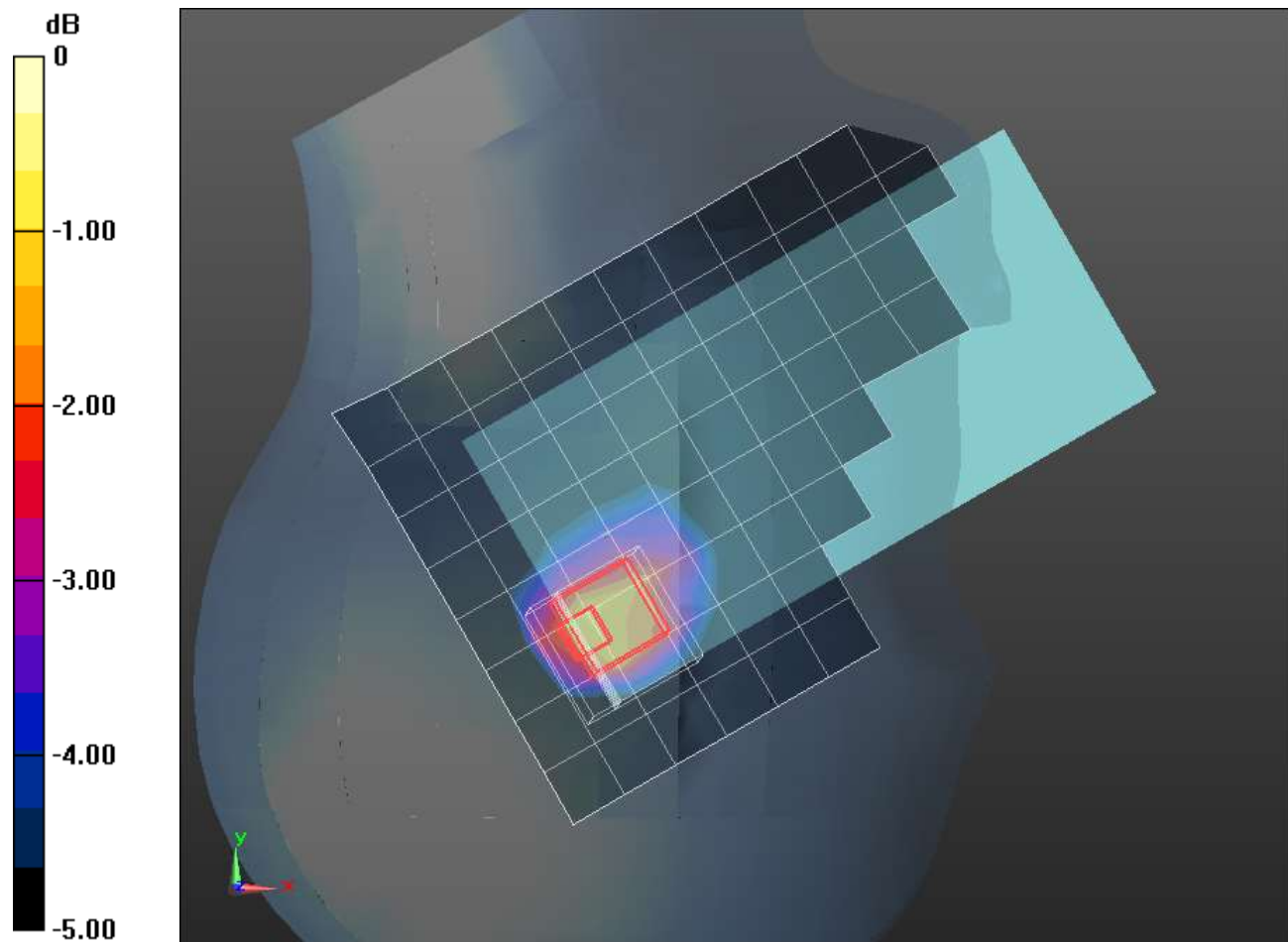
Reference Value = 30.21 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.472 W/kg**

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

Maximum value of SAR (measured) = 1.16 W/kg



## GSM850 ANT 2

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 836.6 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/GPRS 2 slots\_ch 190/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.990 W/kg

**Rear/GPRS 2 slots\_ch 190/Zoom Scan (9x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.37 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.20 W/kg

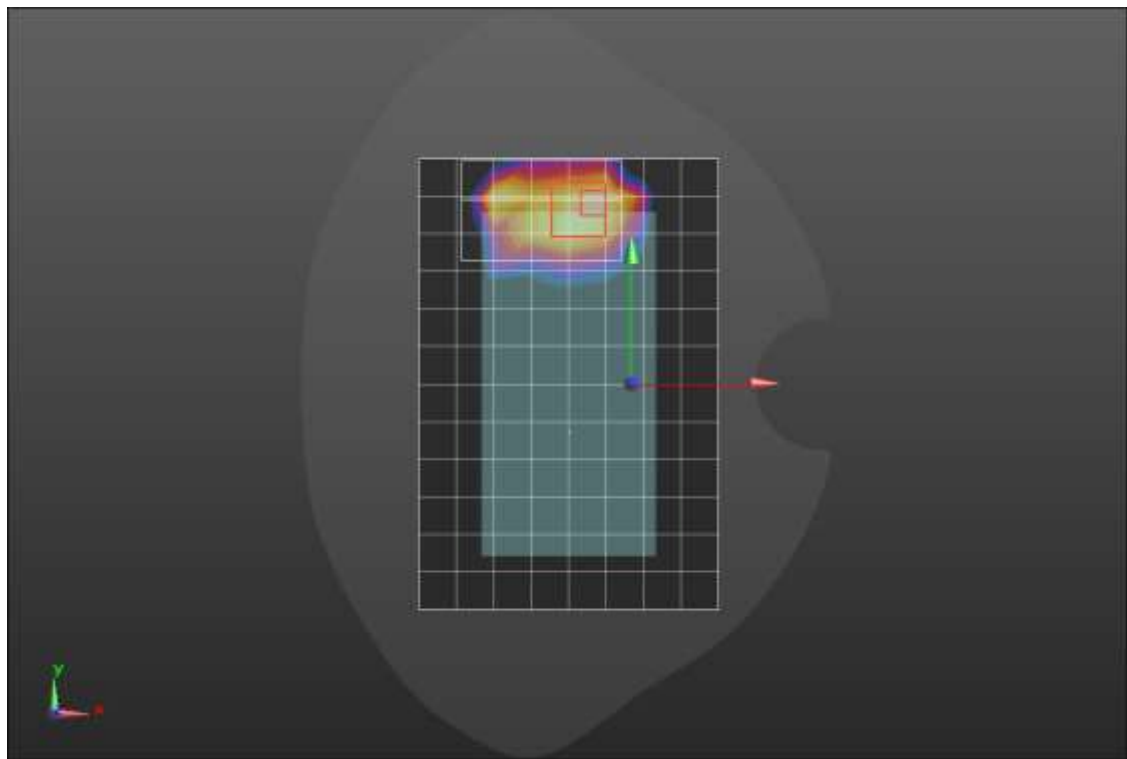
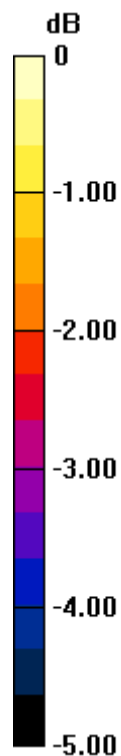
**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.469 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.1%

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

Maximum value of SAR (measured) = 0.975 W/kg



0 dB = 0.975 W/kg = -0.11 dBW/kg

**GSM1900 ANT 1**

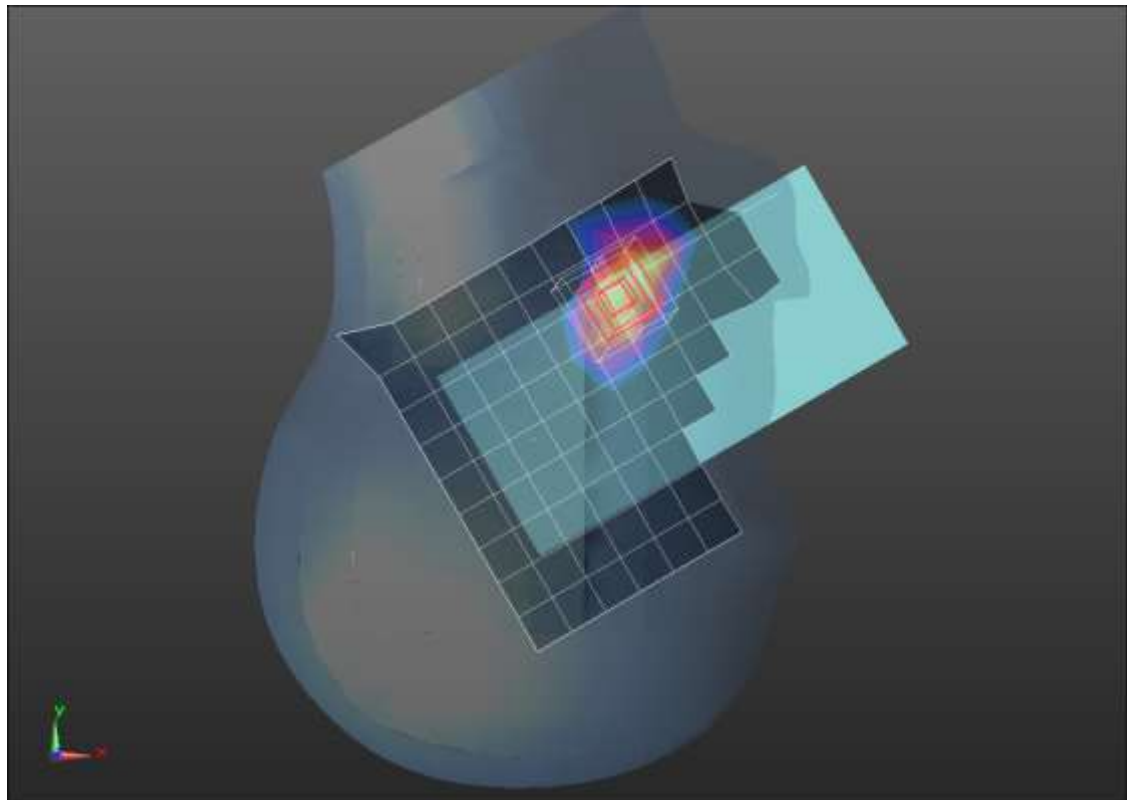
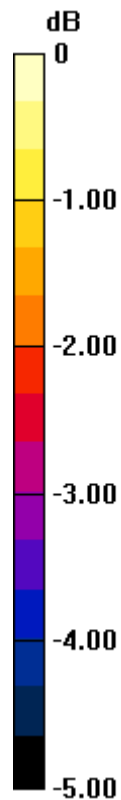
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.377$  S/m;  $\epsilon_r = 40.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_GPRS 2 slots\_ch 661/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.261 W/kg

**RHS/Touch\_GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.64 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.321 W/kg  
**SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.124 W/kg**  
Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

## GSM1900 ANT 1

Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 41.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1850.2 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/GPRS 2 Slots ch\_512/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.868 W/kg

**Rear/GPRS 2 Slots ch\_512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.26 V/m; Power Drift = -0.17 dB

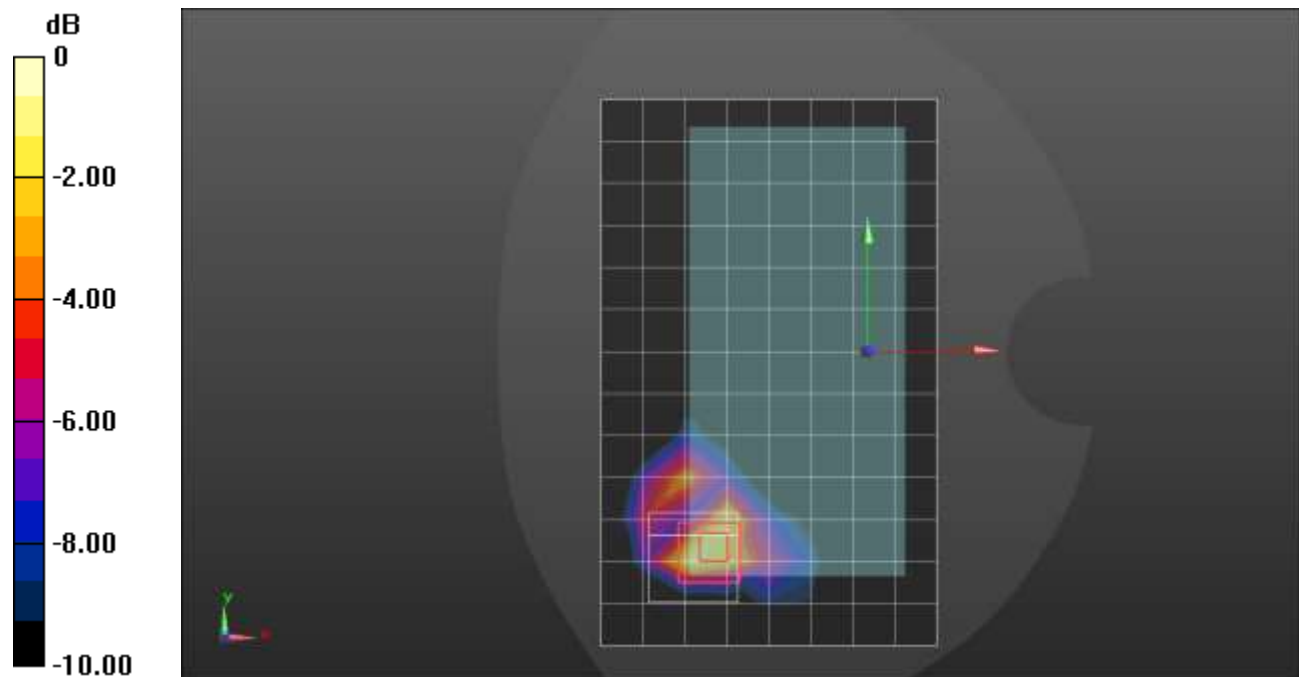
Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.301 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 1.05 W/kg



## GSM1900 ANT 2

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.442$  S/m;  $\epsilon_r = 39.345$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_GPRS 2 slots\_ch 661/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.07 W/kg

**RHS/Touch\_GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.33 V/m; Power Drift = -0.13 dB

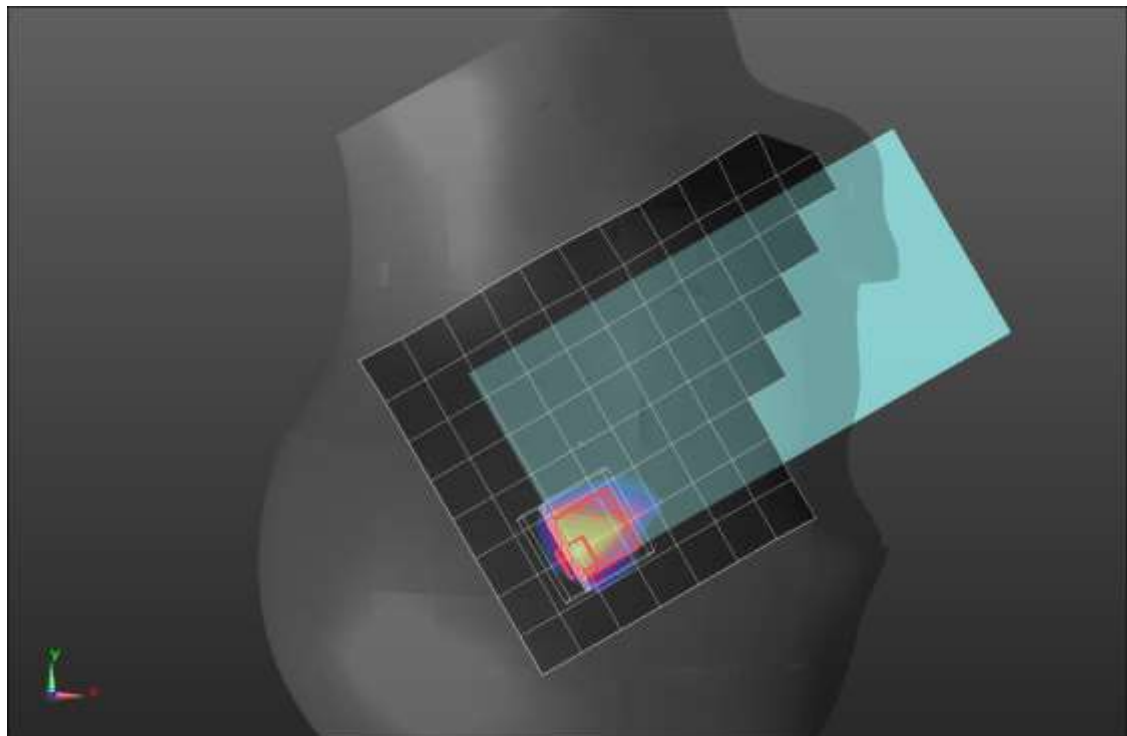
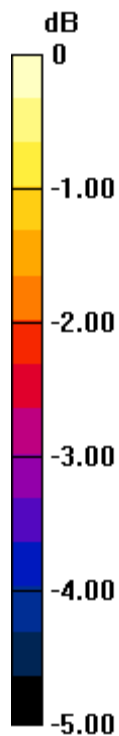
Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.369 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 35.9%

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



0 dB = 1.20 W/kg = 0.79 dBW/kg



## GSM1900 ANT 2

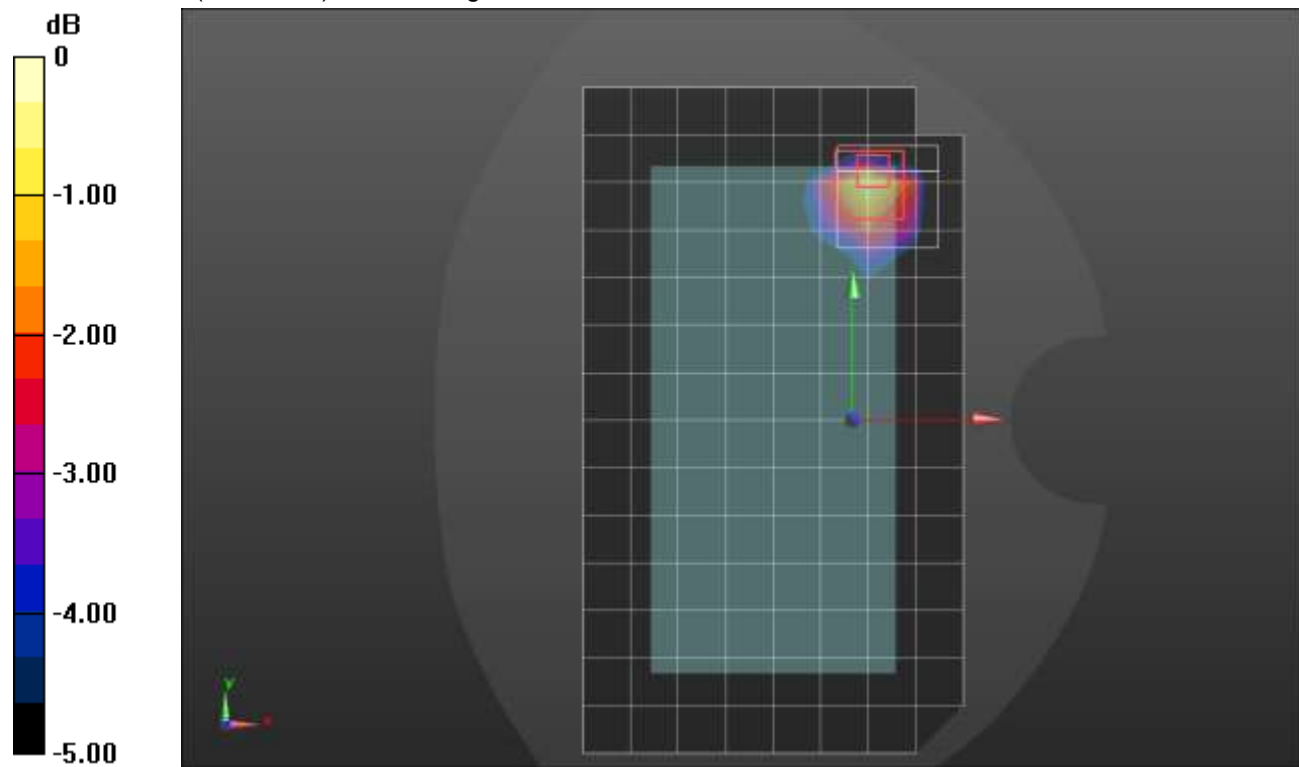
Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.462$  S/m;  $\epsilon_r = 38.178$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1909.8 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/GPRS 2 slots\_ch 810/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.37 W/kg

**Rear/GPRS 2 slots\_ch 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.47 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 2.01 W/kg  
**SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.402 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.6 mm  
Ratio of SAR at M2 to SAR at M1 = 43.4%  
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg



## GSM1900 ANT 3

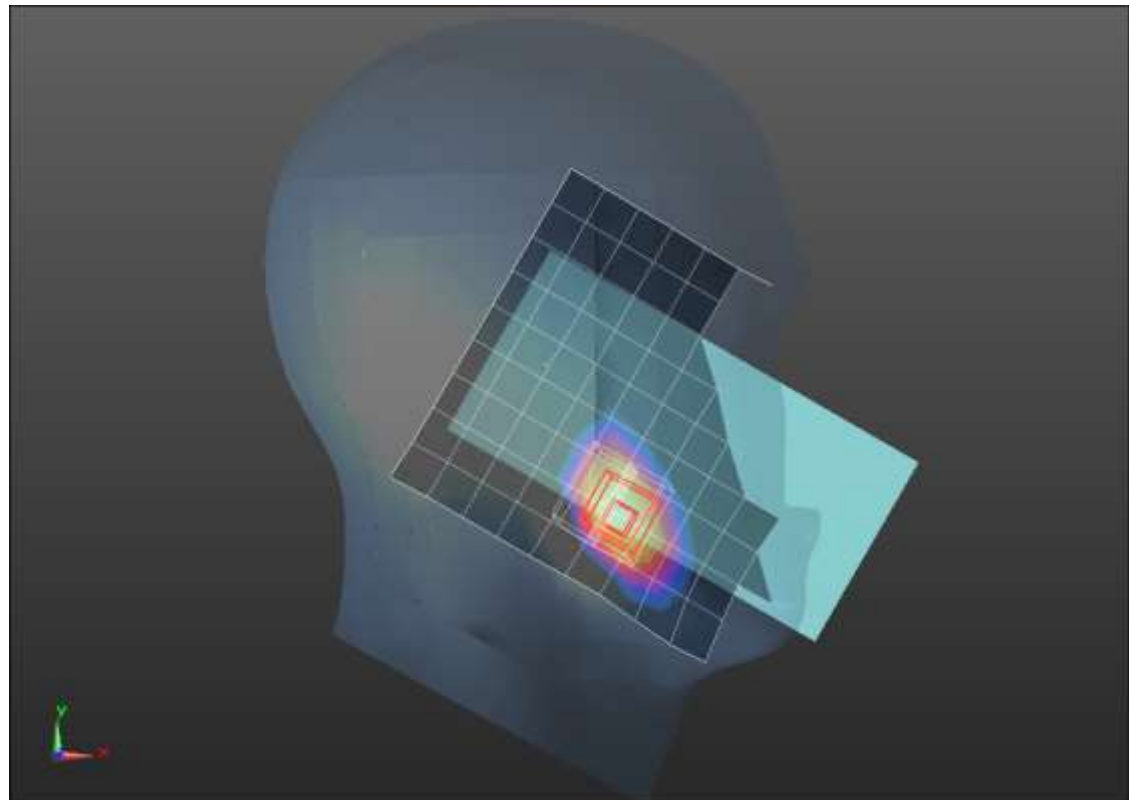
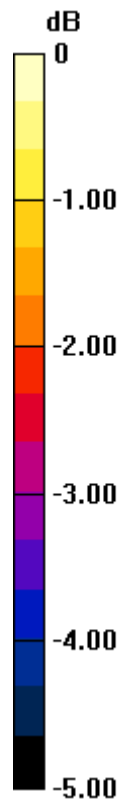
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.377$  S/m;  $\epsilon_r = 40.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_GPRS 2 slots\_ch 661/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.468 W/kg

**LHS/Touch\_GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.12 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.565 W/kg  
**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.228 W/kg**  
Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

## GSM1900 ANT 3

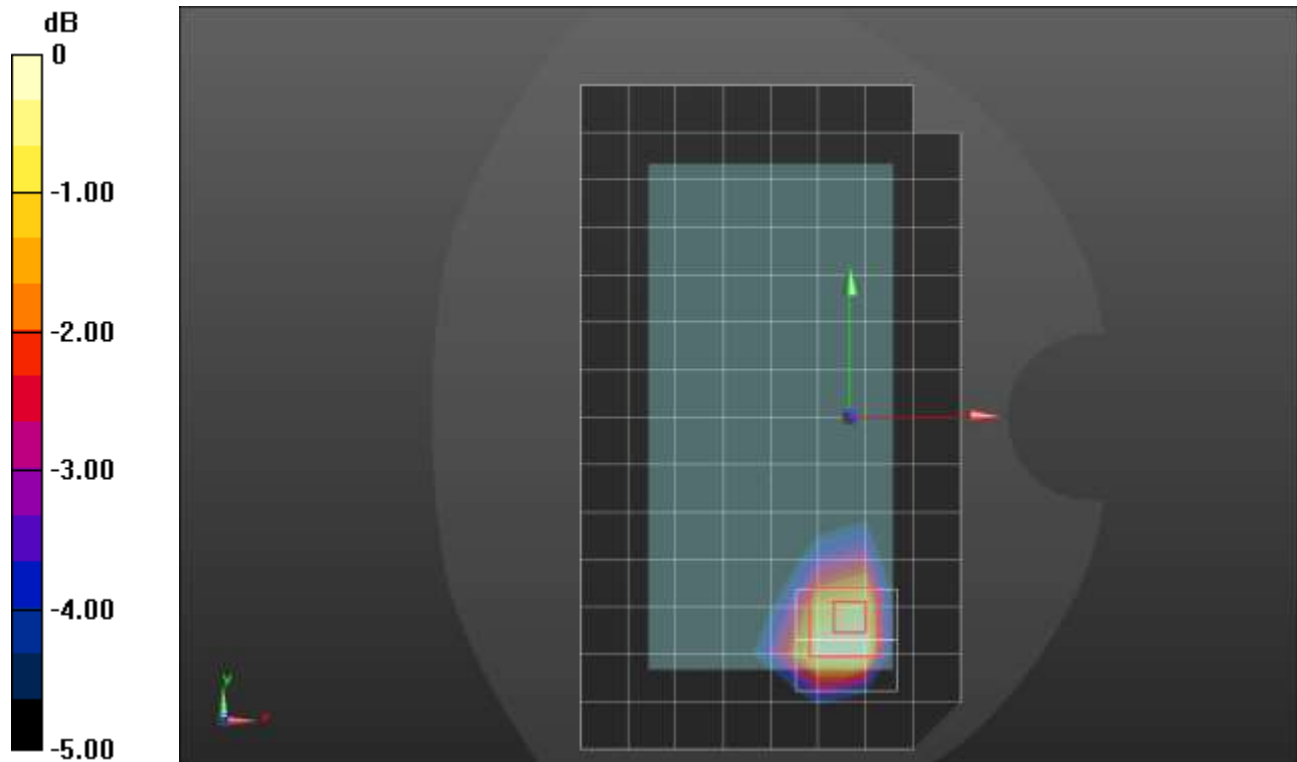
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 38.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/GPRS 2 slots\_ch 661/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.04 W/kg

**Rear/GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 28.60 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 1.34 W/kg  
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.407 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8 mm  
Ratio of SAR at M2 to SAR at M1 = 50.1%  
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

## GSM1900 ANT 3

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 39.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/GPRS 2 slots\_ch 661/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.16 W/kg

**Edge 4/GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.49 V/m; Power Drift = -0.08 dB

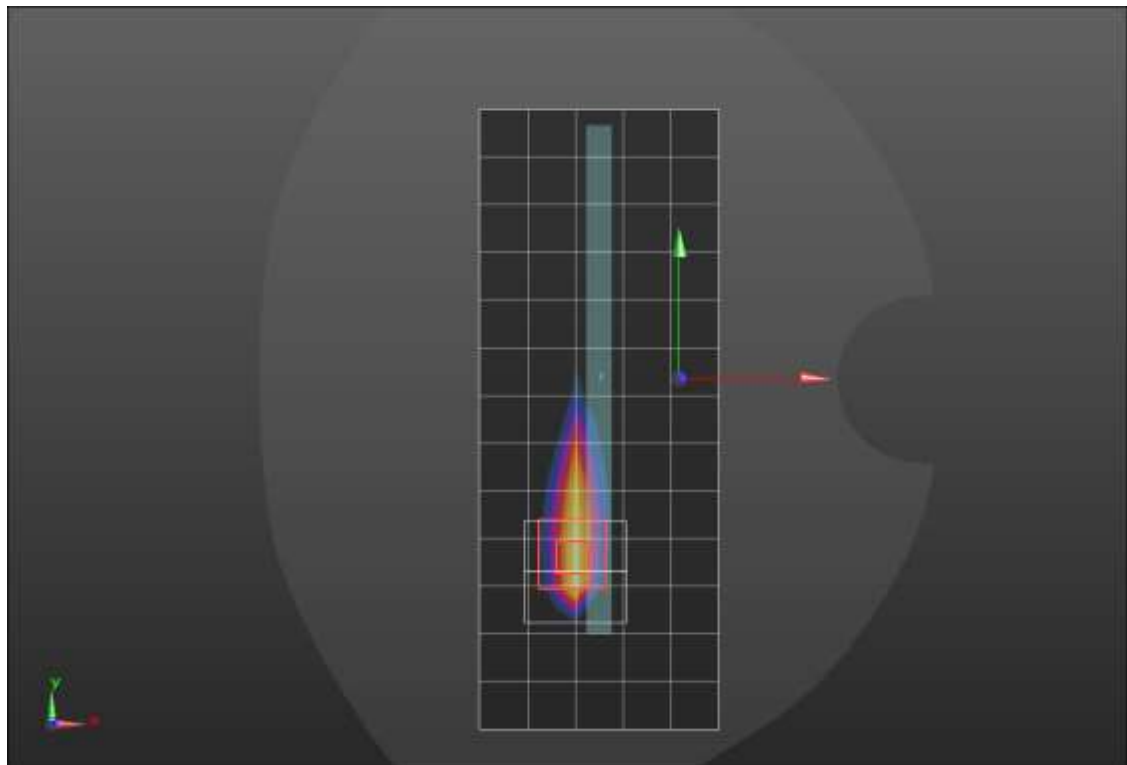
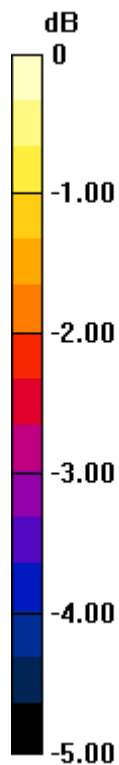
Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.387 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.2%

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



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

## GSM1900 ANT 4

Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.449$  S/m;  $\epsilon_r = 38.527$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1909.8 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_GPRS 2 slots\_ch 810/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.15 W/kg

**LHS/Touch\_GPRS 2 slots\_ch 810/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.98 V/m; Power Drift = -0.01 dB

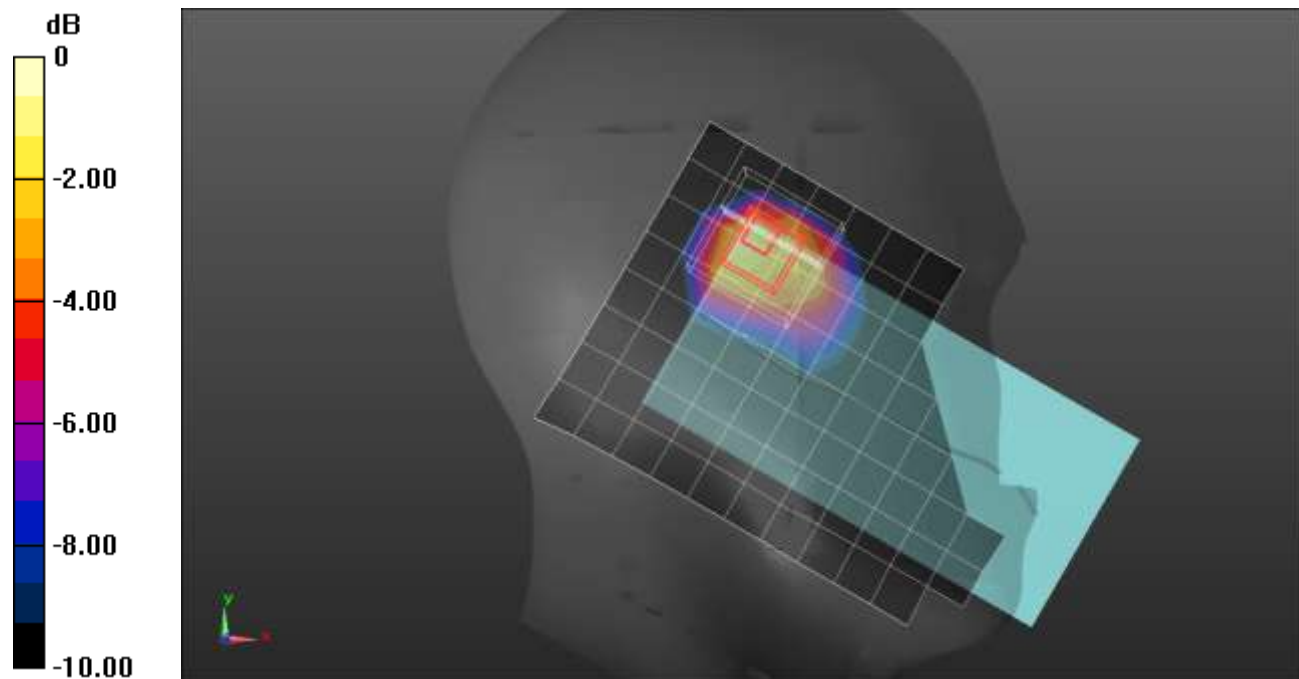
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.414 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.5%

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



0 dB = 1.30 W/kg = 1.14 dBW/kg

## GSM1900 ANT 4

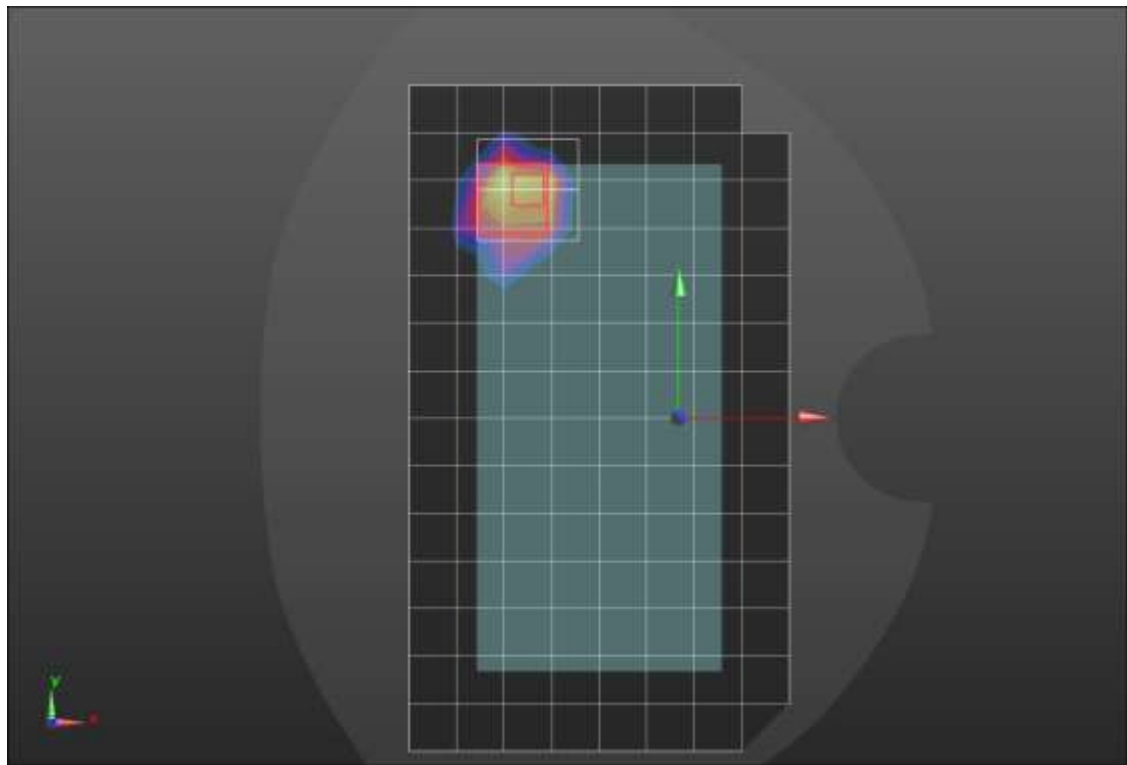
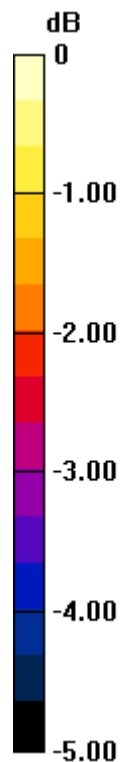
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 38.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/GPRS 2 slots\_ch 661/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.00 W/kg

**Rear/GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.31 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.51 W/kg  
**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.383 W/kg**  
Smallest distance from peaks to all points 3 dB below = 10.2 mm  
Ratio of SAR at M2 to SAR at M1 = 48.2%  
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

**GSM1900 ANT 4**

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 38.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 2/GPRS 2 slots\_ch 661/Area Scan (6x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.15 W/kg

**Edge 2/GPRS 2 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.87 V/m; Power Drift = -0.07 dB

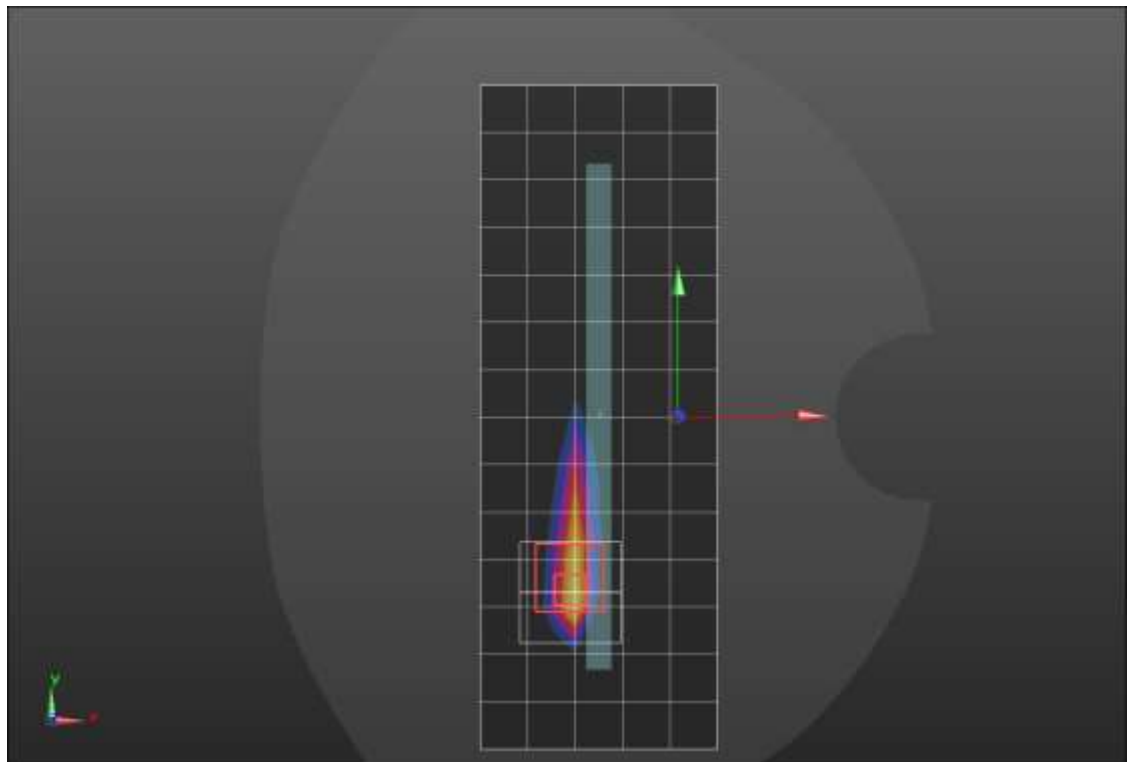
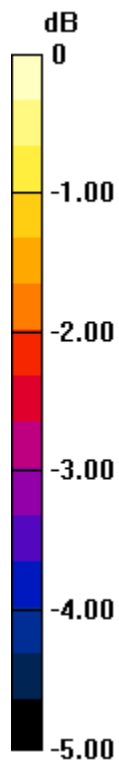
Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.364 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

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



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

## W-CDMA Band II ANT 1

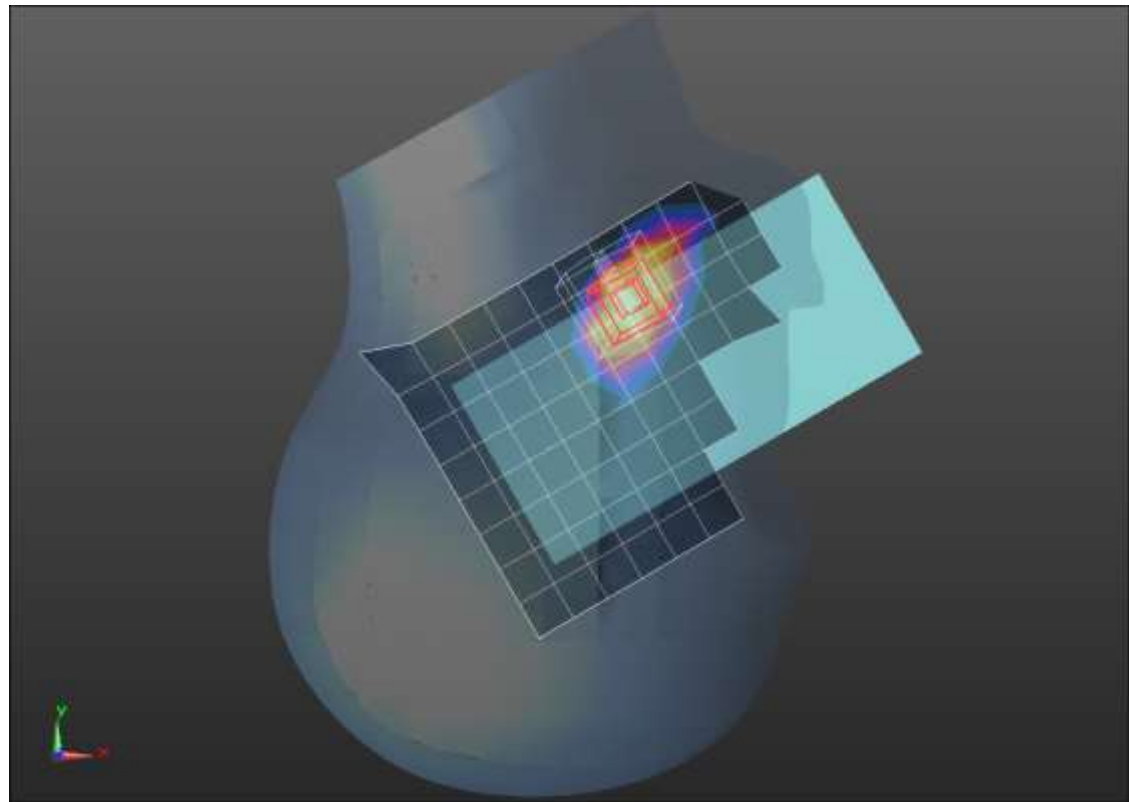
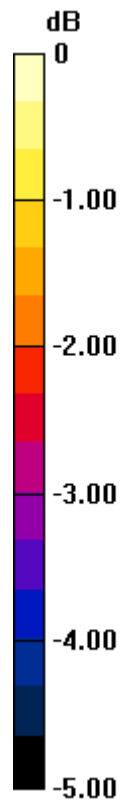
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.377$  S/m;  $\epsilon_r = 40.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_RMC Rel. 99\_ch 9400/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.375 W/kg

**RHS/Touch\_RMC Rel. 99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.53 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.449 W/kg  
**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.187 W/kg**  
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg



## W-CDMA Band II ANT 1

Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 38.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1852.4 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 9262/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.803 W/kg

**Rear/RMC Rel. 99\_ch 9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.81 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.58 W/kg

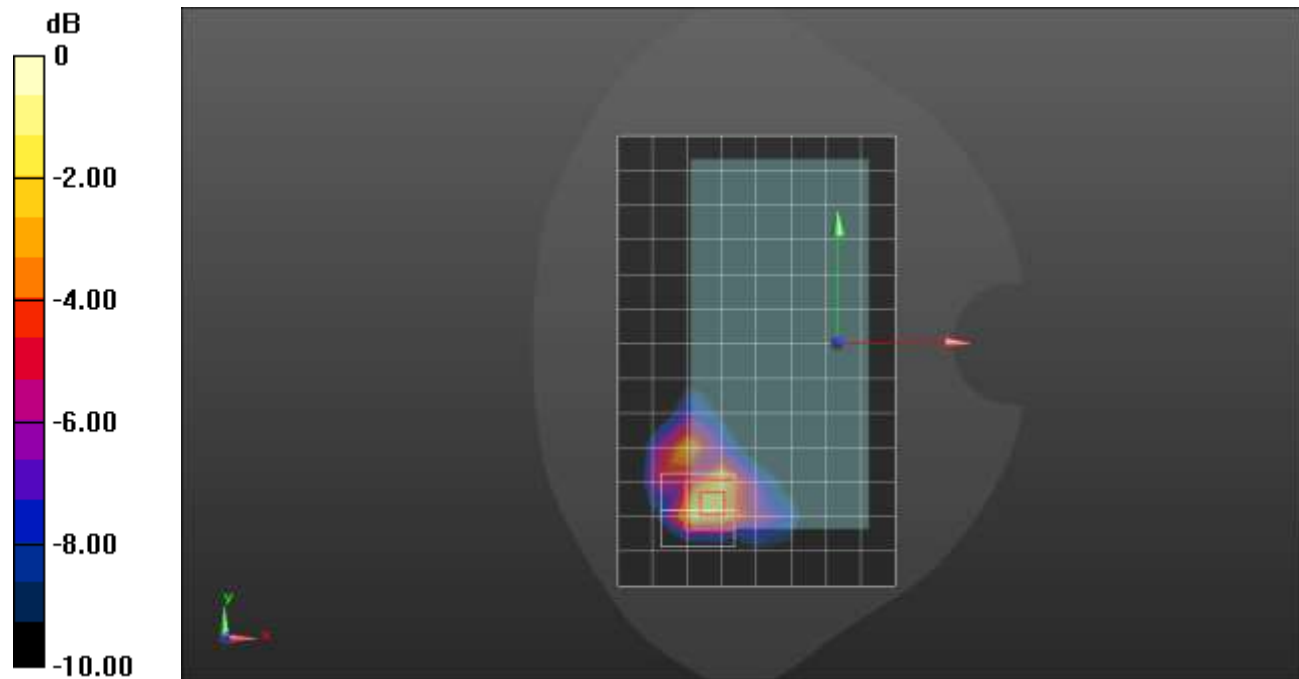
**SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.339 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

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

Maximum value of SAR (measured) = 1.15 W/kg



## W-CDMA Band II ANT 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;  $\sigma = 1.452$  S/m;  $\epsilon_r = 38.41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1907.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_RMC Rel. 99\_ch 9538/Area Scan (10x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.05 W/kg

**RHS/Touch\_RMC Rel. 99\_ch 9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.41 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.12 W/kg

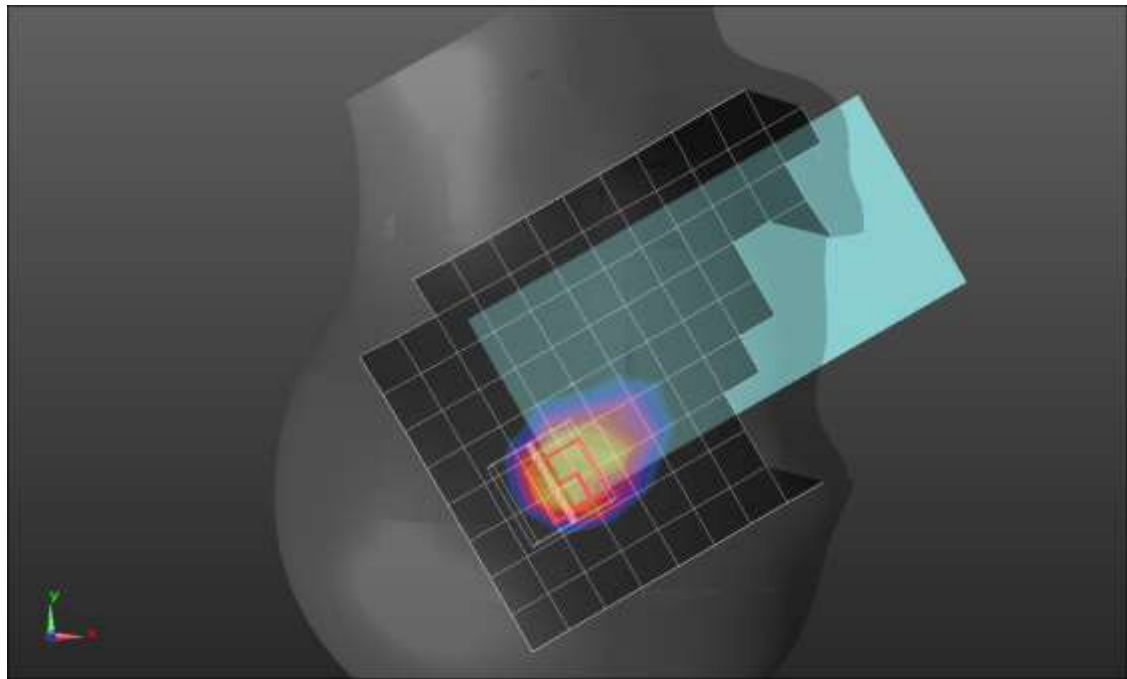
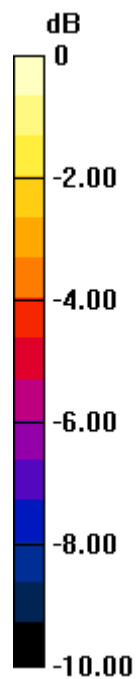
**SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.424 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 34.4%

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

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

## W-CDMA Band II ANT 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;  $\sigma = 1.461$  S/m;  $\epsilon_r = 38.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1907.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 9538/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.47 W/kg

**Rear/RMC Rel. 99\_ch 9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.76 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.87 W/kg

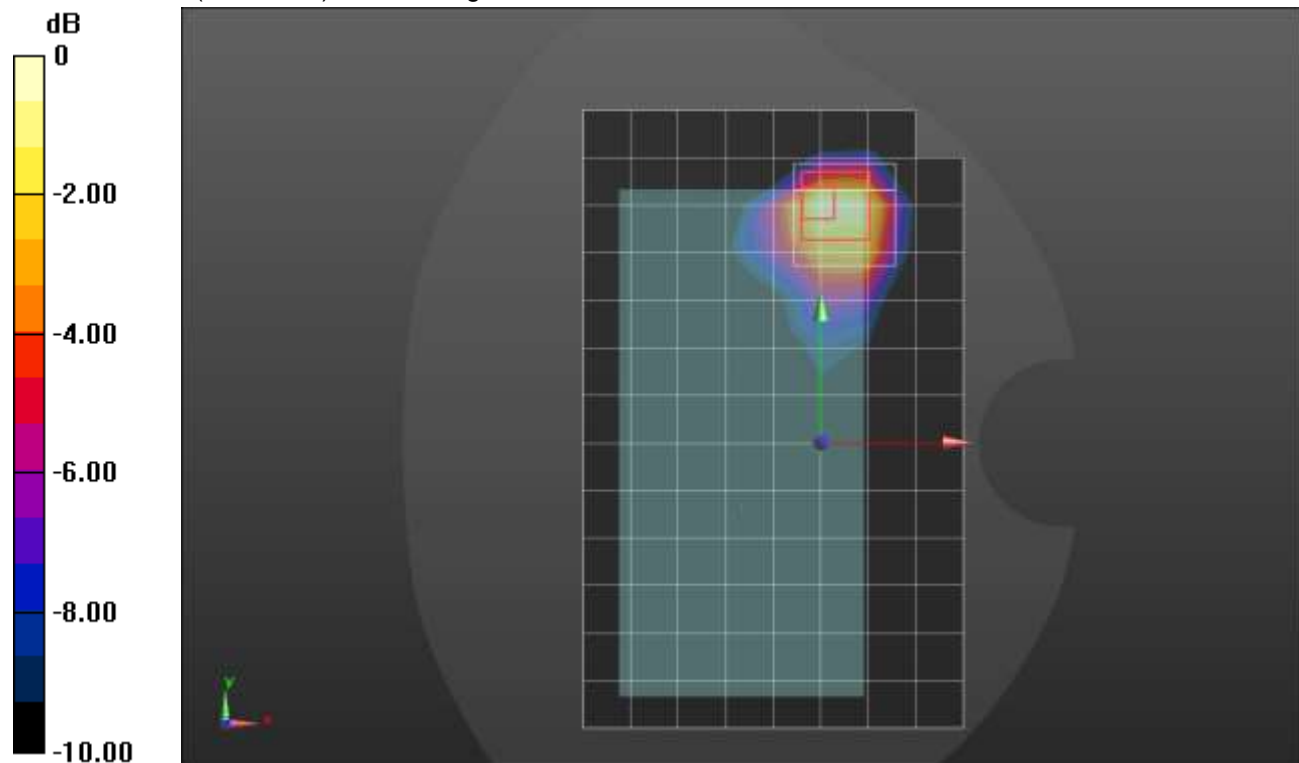
**SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.381 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 42.8%

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

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

## W-CDMA Band II ANT 3

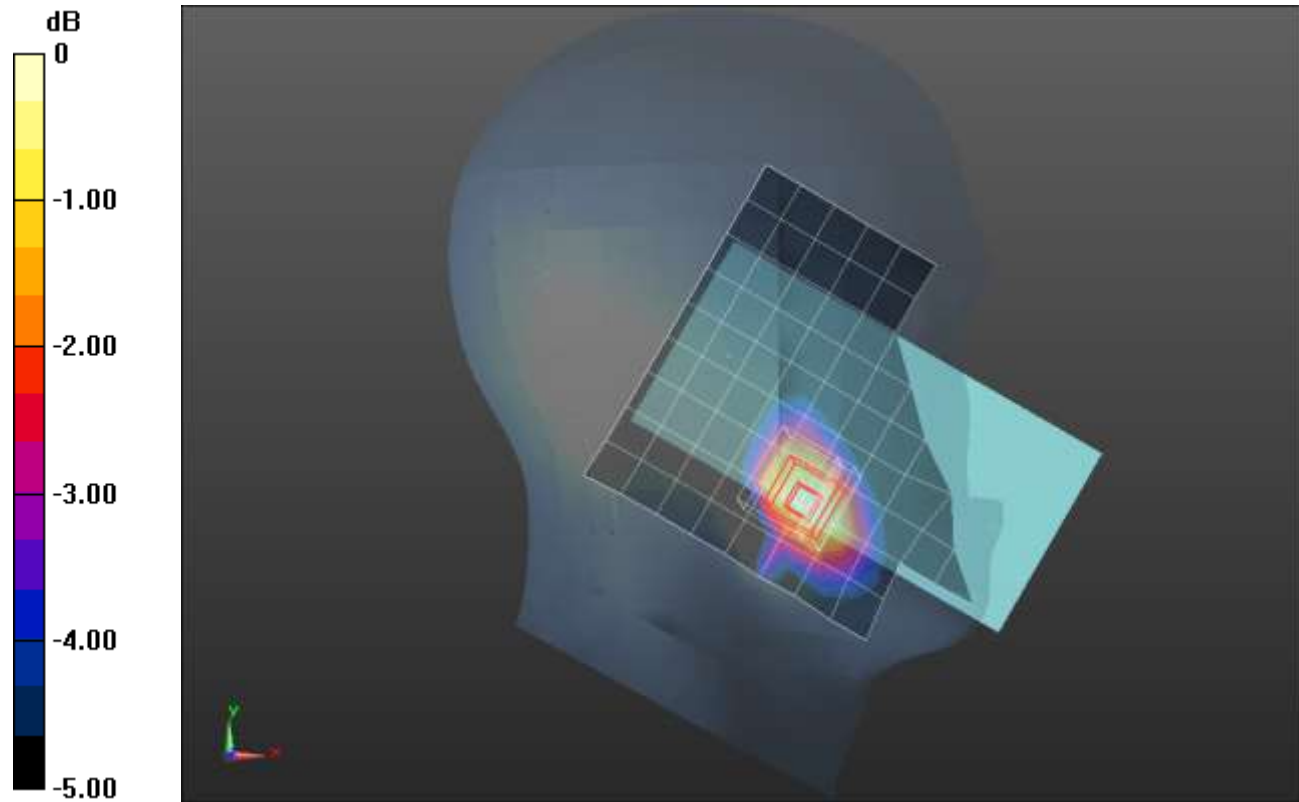
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.377$  S/m;  $\epsilon_r = 40.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_RMC Rel. 99\_ch 9400/Area Scan (10x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.686 W/kg

**LHS/Touch\_RMC Rel. 99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.65 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.794 W/kg  
**SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.331 W/kg**  
Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

## W-CDMA Band II ANT 3

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.445$  S/m;  $\epsilon_r = 38.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 9400/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.930 W/kg

**Rear/RMC Rel. 99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.30 V/m; Power Drift = -0.04 dB

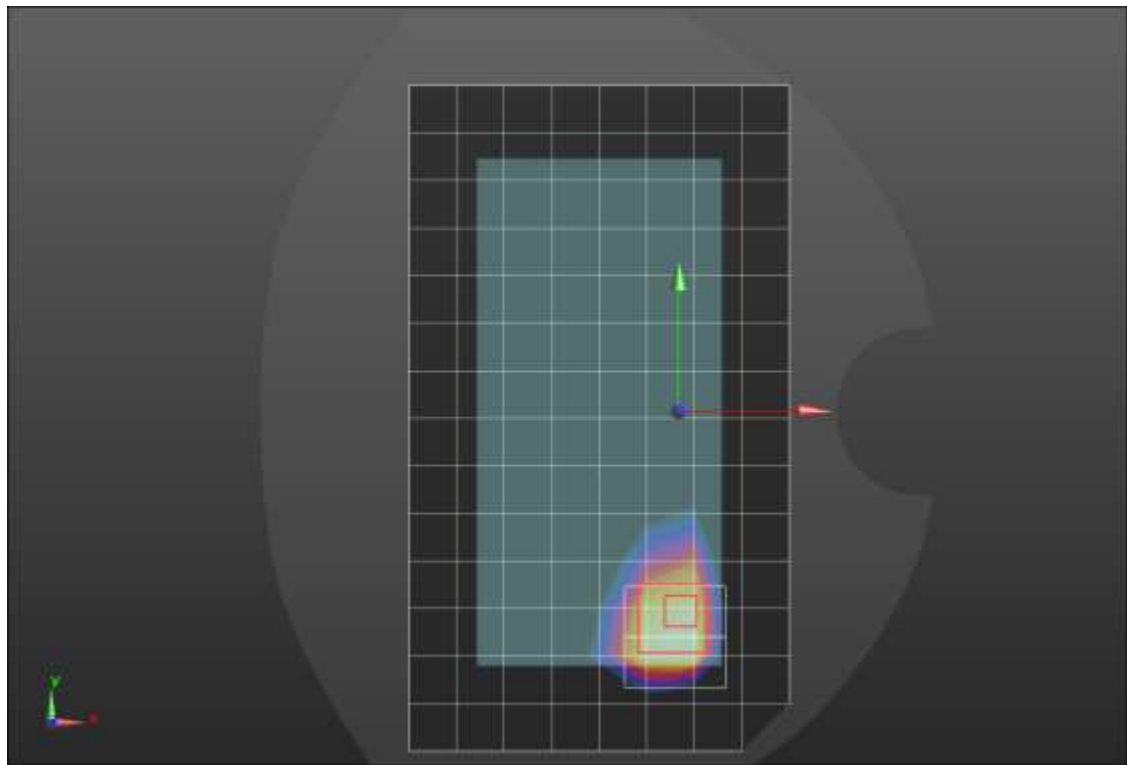
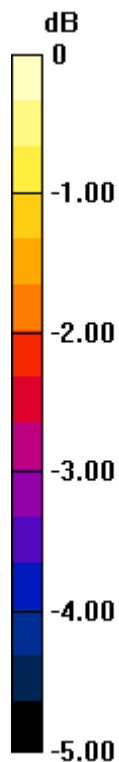
Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.379 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg = -0.17 dBW/kg

## W-CDMA Band II ANT 3

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 39.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/RMC Rel. 99\_ch 9400/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.15 W/kg

**Edge 4/RMC Rel. 99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.24 V/m; Power Drift = -0.09 dB

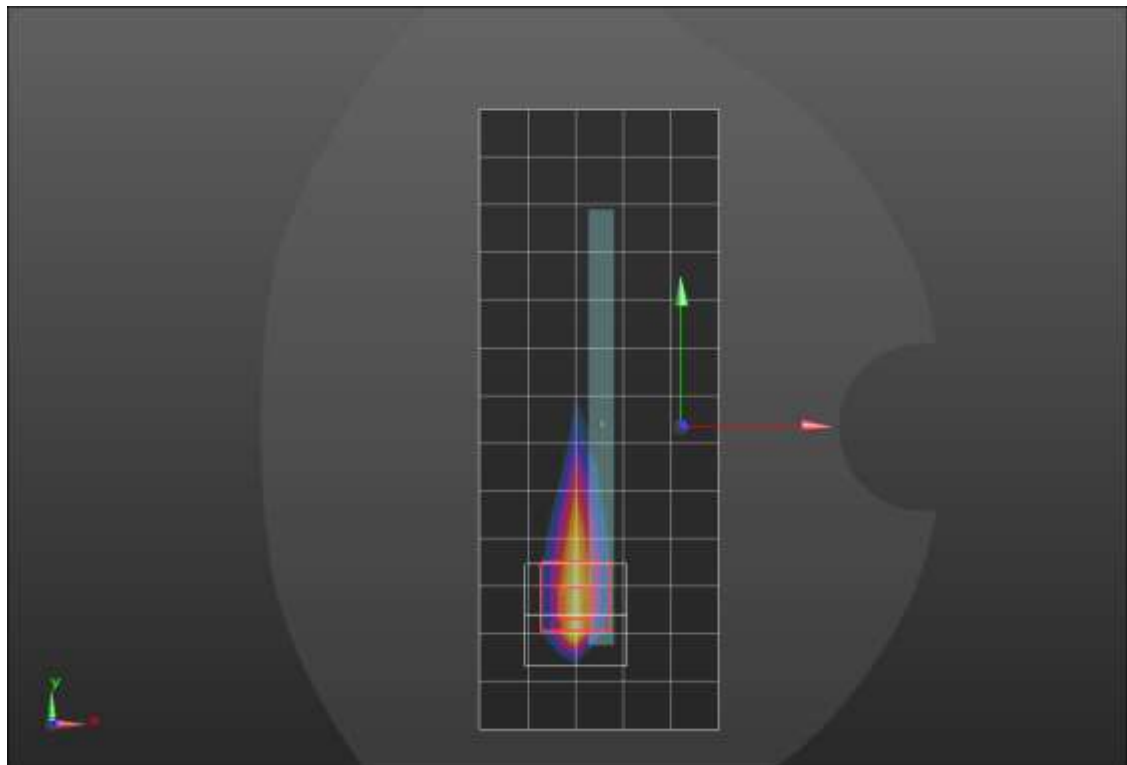
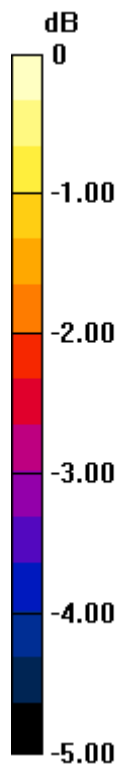
Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.393 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 52%

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



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

## W-CDMA Band II ANT 4

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 39.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_RMC Rel. 99\_ch 9400/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.930 W/kg

**LHS/Touch\_RMC Rel. 99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.65 V/m; Power Drift = 0.01 dB

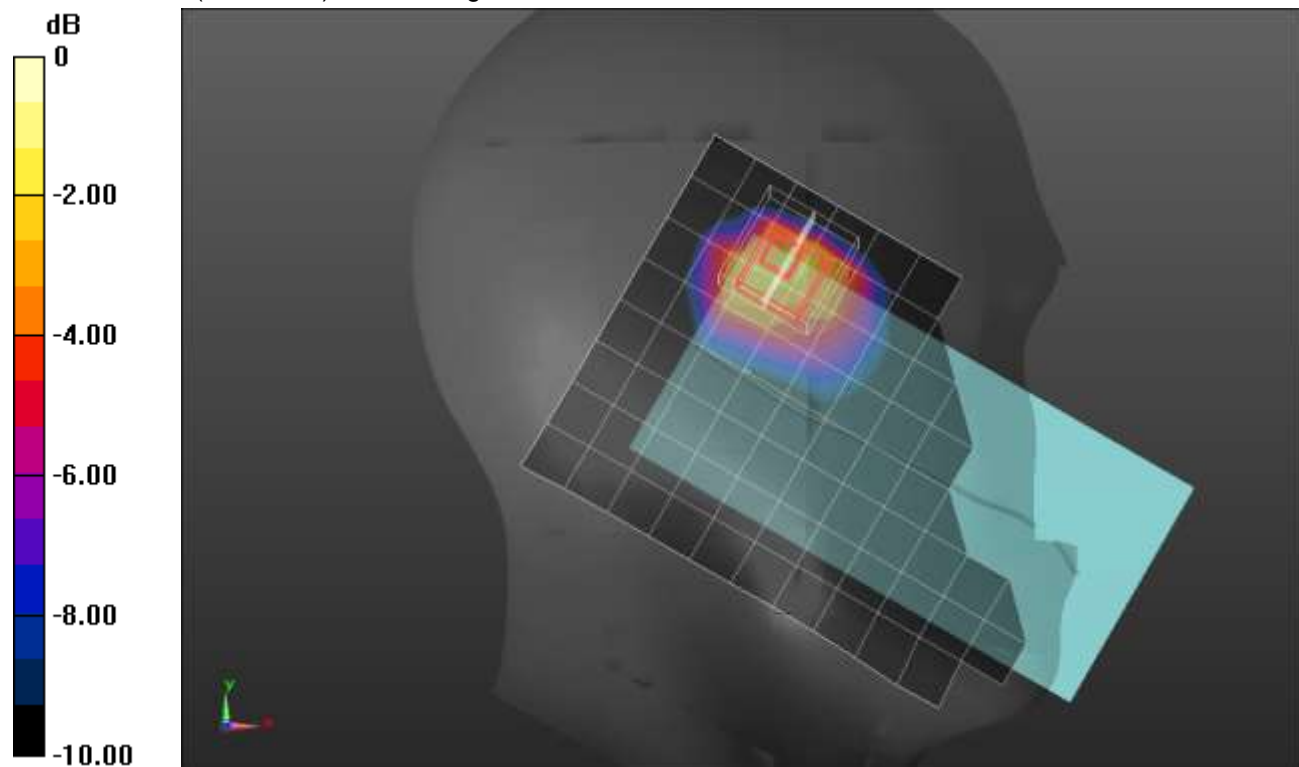
Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.419 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg



## W-CDMA Band II ANT 4

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 39.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1880 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 9400/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.993 W/kg

**Rear/RMC Rel. 99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.27 V/m; Power Drift = -0.05 dB

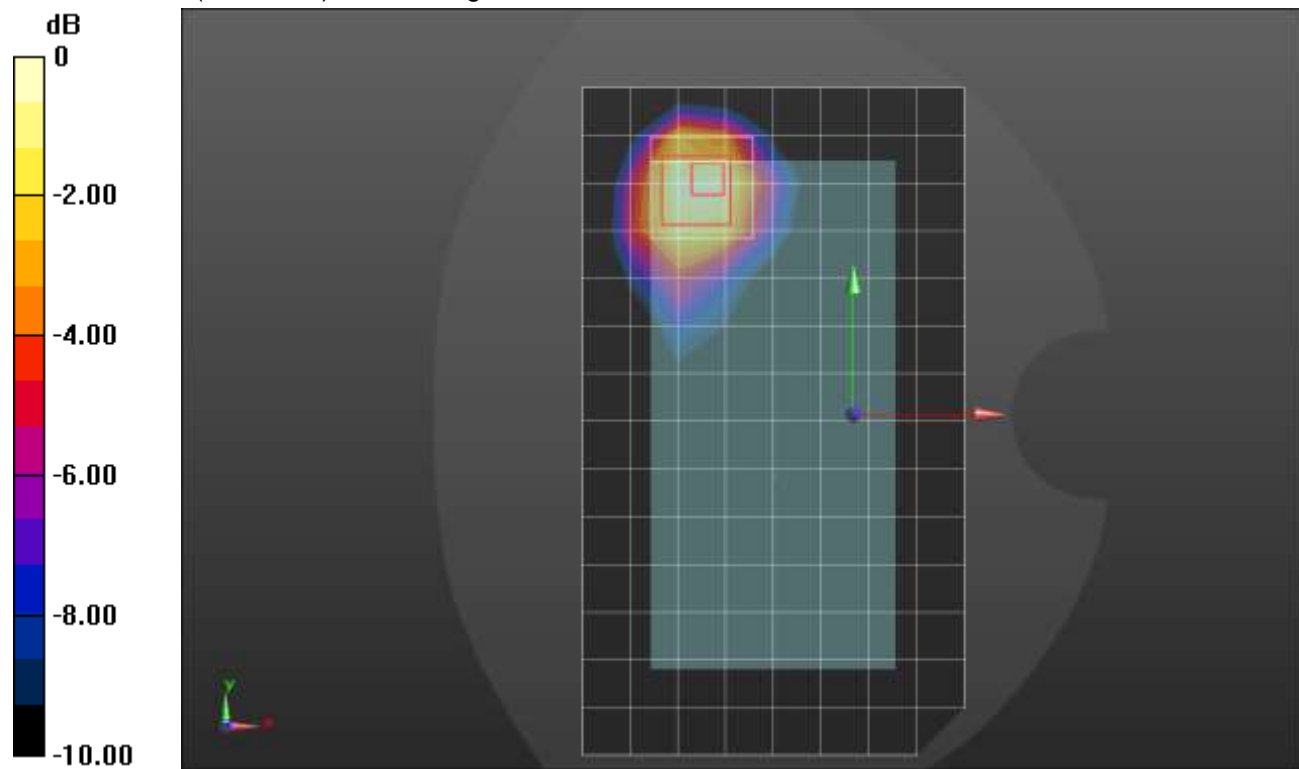
Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.369 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

## W-CDMA Band II ANT 4

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;  $\sigma = 1.461$  S/m;  $\epsilon_r = 38.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1907.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 2/RMC Rel. 99\_ch 9538/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.751 W/kg

**Edge 2/RMC Rel. 99\_ch 9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.39 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.50 W/kg

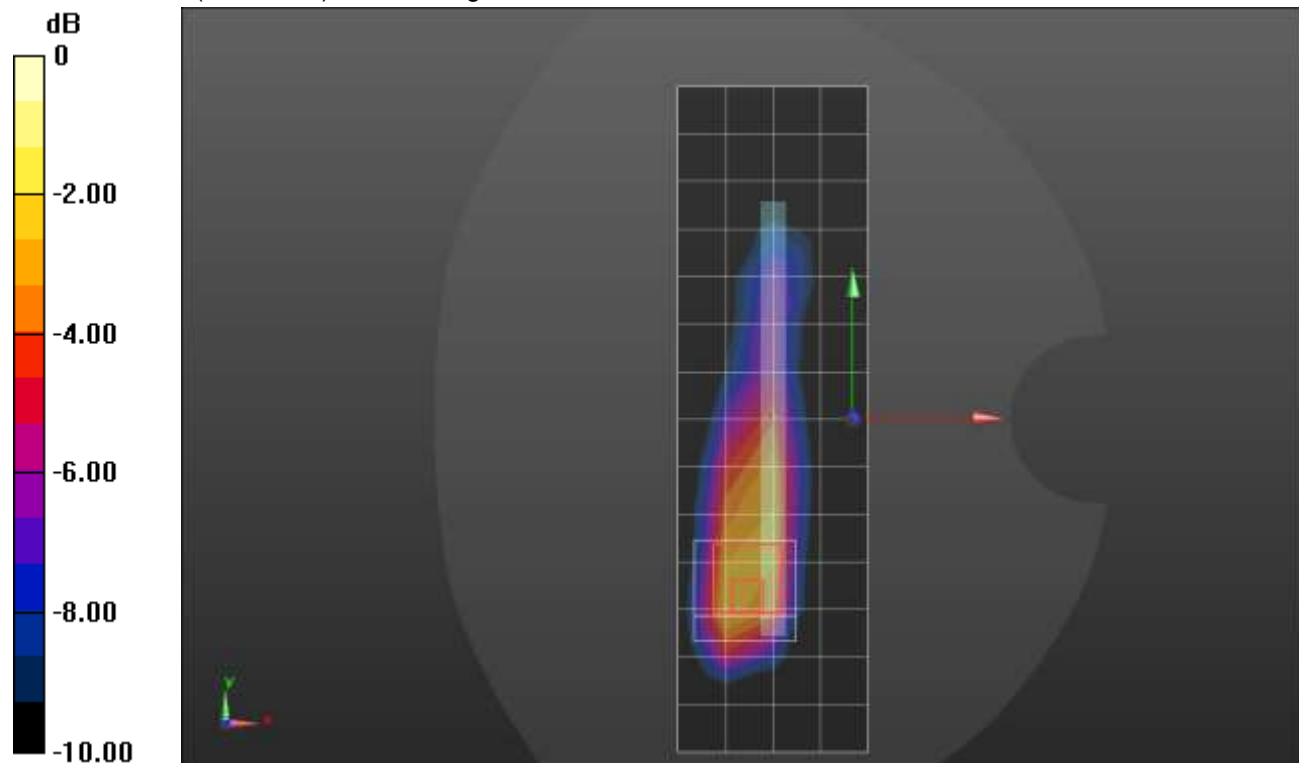
**SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.372 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

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

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

## W-CDMA Band IV ANT 1

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 38.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.8, 8.8, 8.8) @ 1732.6 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_RMC Rel. 99\_ch 1413/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.194 W/kg

**RHS/Touch\_RMC Rel. 99\_ch 1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.19 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.239 W/kg

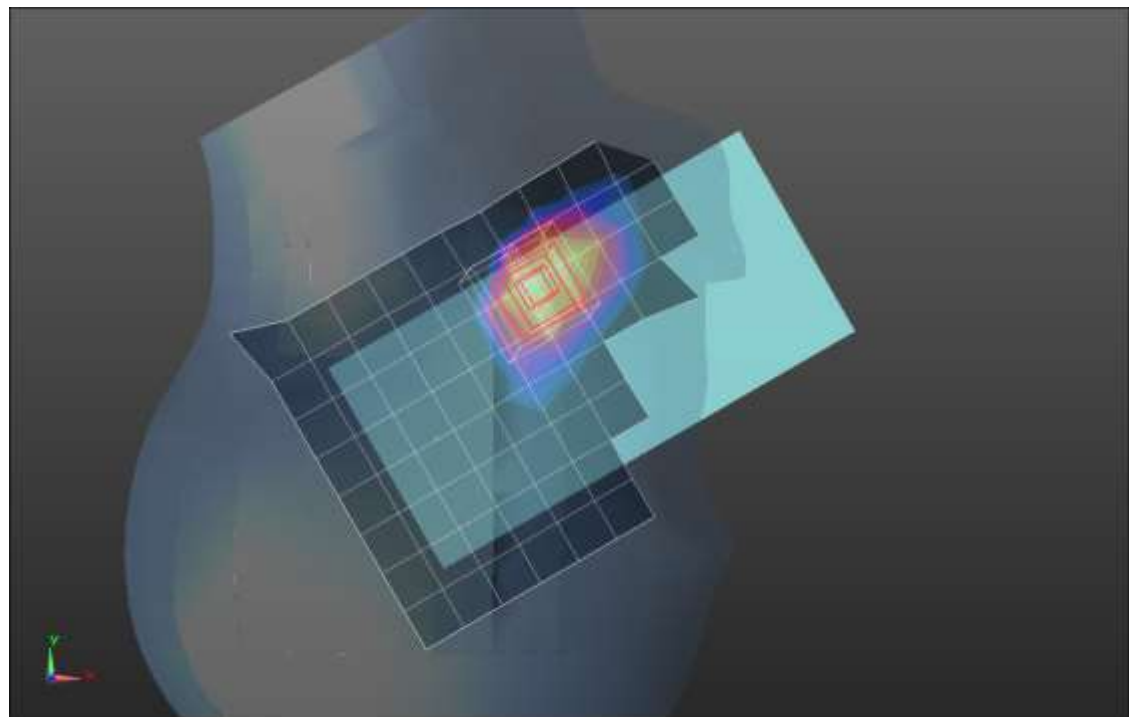
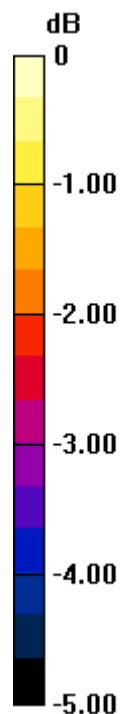
**SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.100 W/kg**

Smallest distance from peaks to all points 3 dB below = 15.9 mm

Ratio of SAR at M2 to SAR at M1 = 66.2%

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

Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

## W-CDMA Band IV ANT 1

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 38.926$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1732.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 1413/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.601 W/kg

**Rear/RMC Rel. 99\_ch 1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.89 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

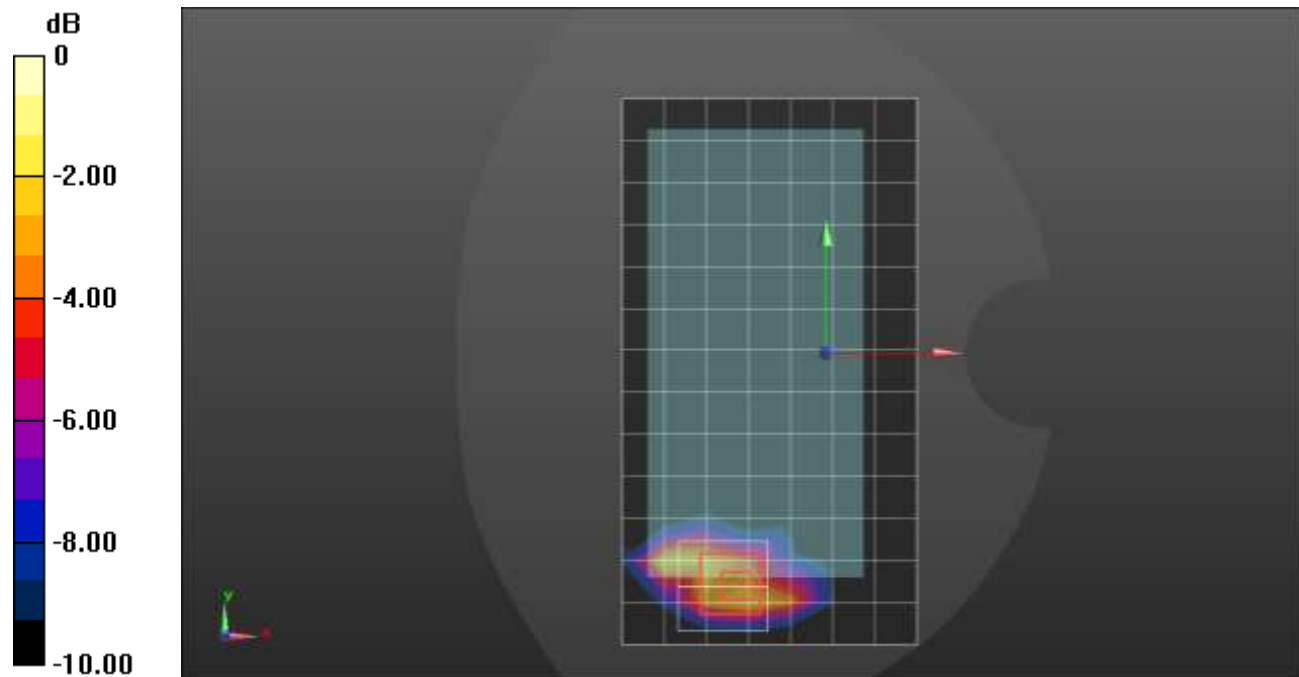
**SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.283 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

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

Maximum value of SAR (measured) = 0.886 W/kg



## W-CDMA Band IV ANT 1

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 38.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1752.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 3/RMC Rel. 99\_ch 1513/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.41 W/kg

**Edge 3/RMC Rel. 99\_ch 1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.57 V/m; Power Drift = -0.06 dB

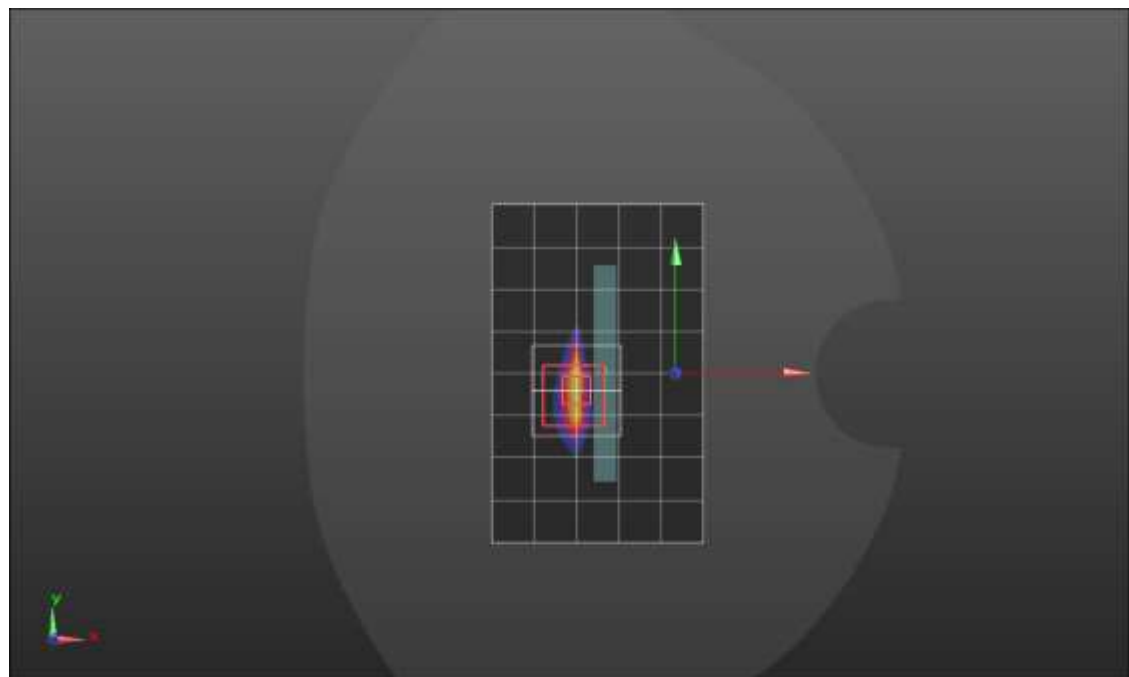
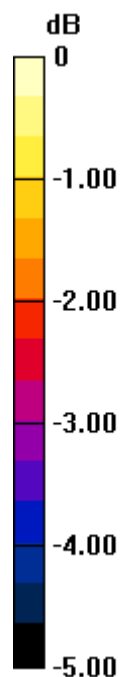
Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.427 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

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



0 dB = 1.50 W/kg = 1.76 dBW/kg

## W-CDMA Band IV ANT 2

Frequency: 1732.6 MHz; Duty Cycle: 1:1.95434; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.408$  S/m;  $\epsilon_r = 38.705$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1732.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_RMC Rel. 99\_ch 1413/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.56 W/kg

**RHS/Touch\_RMC Rel. 99\_ch 1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.07 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.06 W/kg

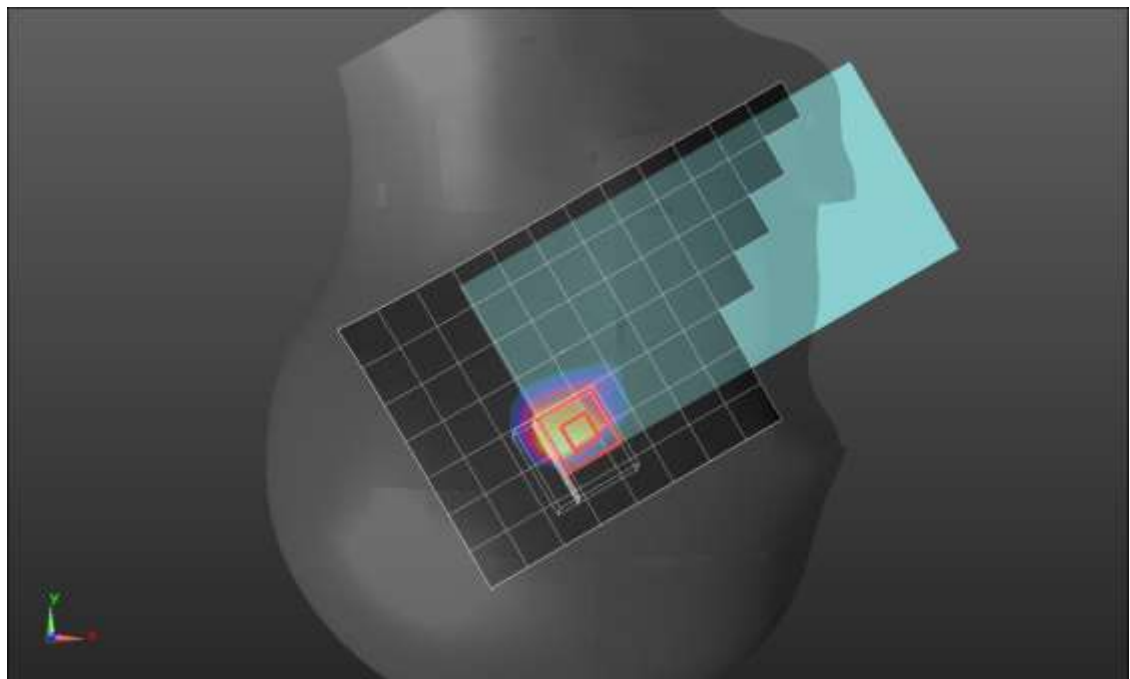
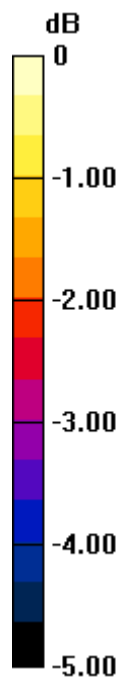
**SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.490 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 36.8%

[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 IV ANT 2

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.408$  S/m;  $\epsilon_r = 38.705$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1732.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 1413/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.951 W/kg

**Rear/RMC Rel. 99\_ch 1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.84 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.78 W/kg

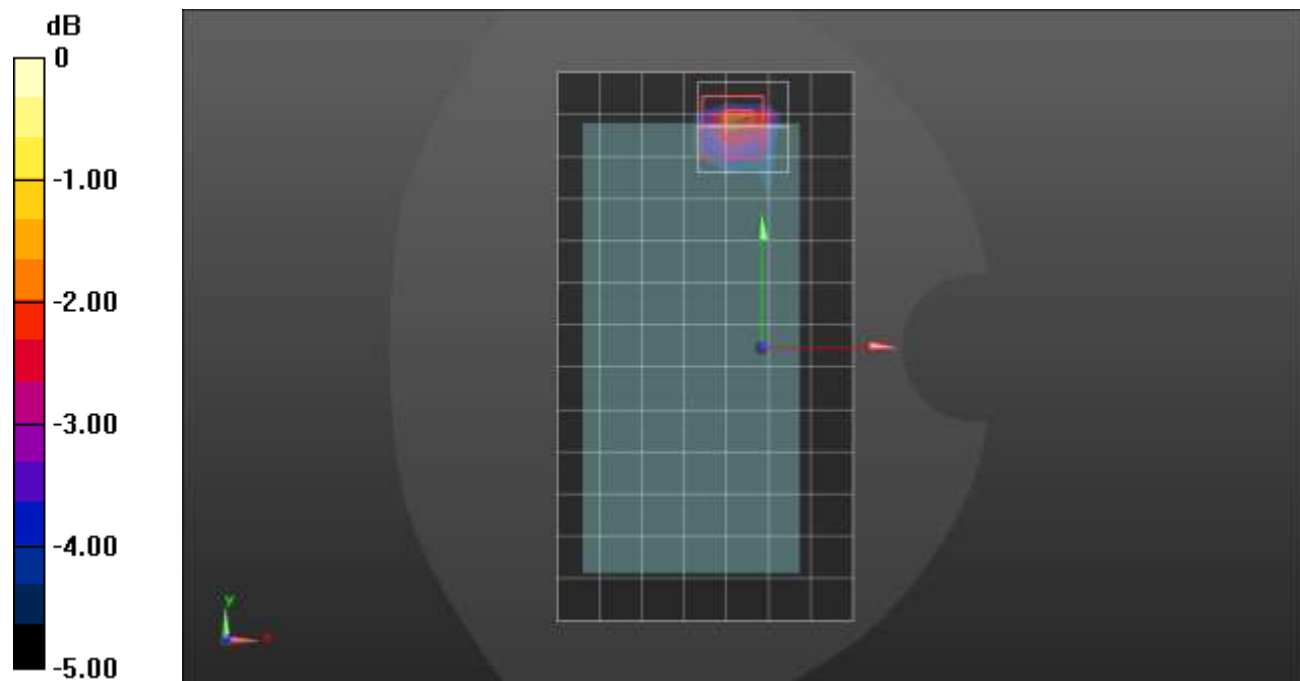
**SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.346 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

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

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg



## W-CDMA Band IV ANT 3

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 38.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.8, 8.8, 8.8) @ 1732.6 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_RMC Rel. 99\_ch 1413/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.319 W/kg

**LHS/Touch\_RMC Rel. 99\_ch 1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.59 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.385 W/kg

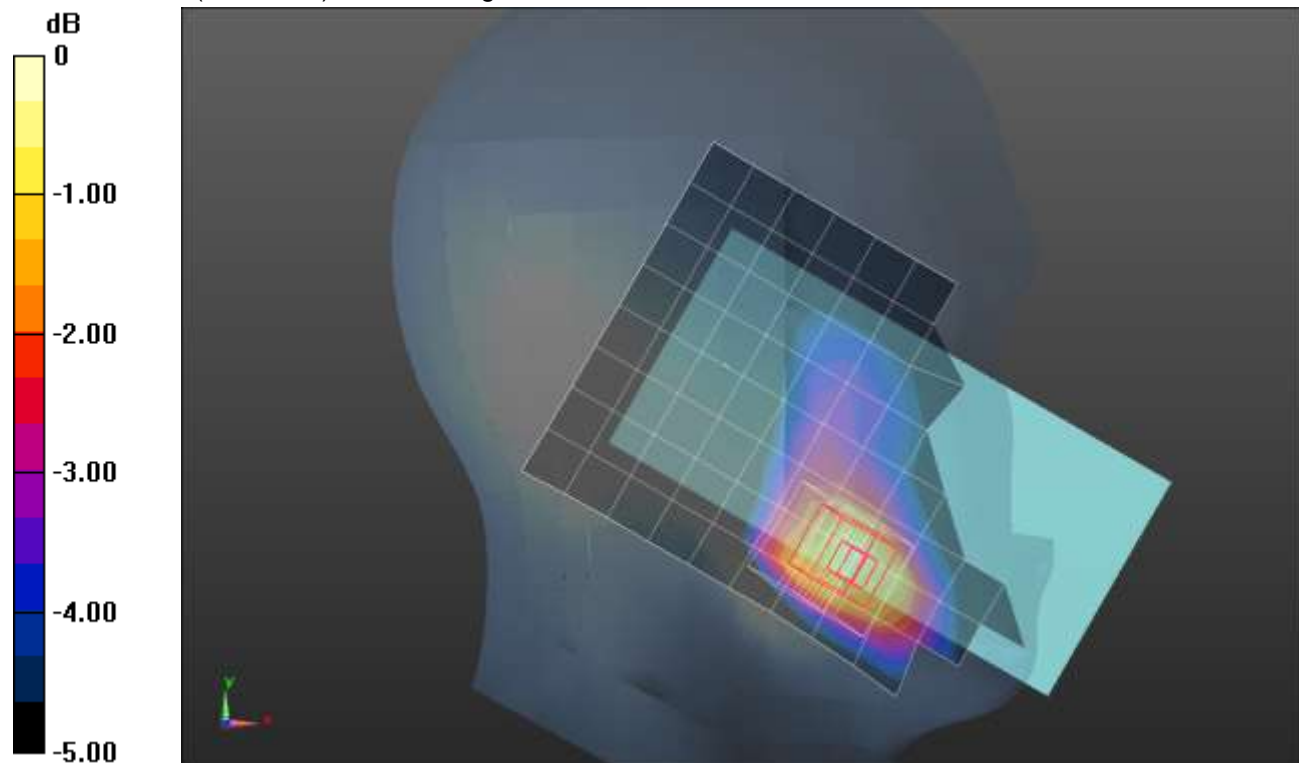
**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.166 W/kg**

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

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

Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg = -4.71 dBW/kg

## W-CDMA Band IV ANT 3

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.408$  S/m;  $\epsilon_r = 38.705$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1732.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/RMC Rel. 99\_ch 1413/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.962 W/kg

**Rear/RMC Rel. 99\_ch 1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.33 W/kg

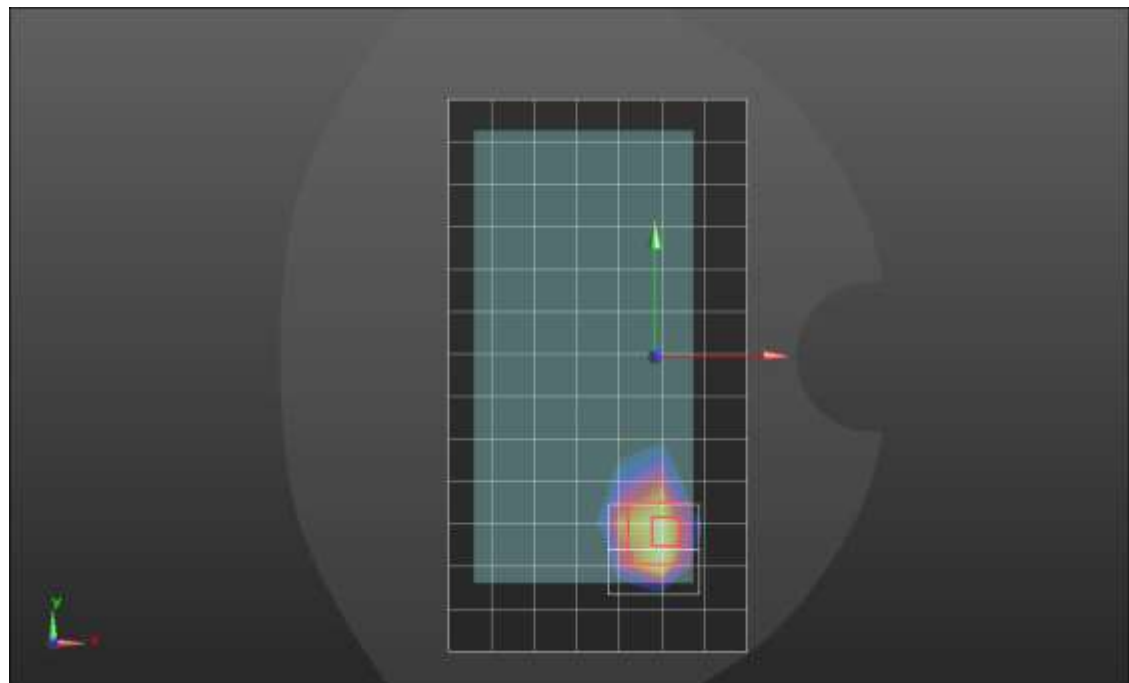
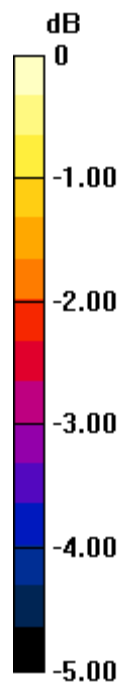
**SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.378 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

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

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



0 dB = 1.02 W/kg = 0.09 dBW/kg

## W-CDMA Band IV ANT 3

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.408$  S/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1752.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/RMC Rel. 99\_ch 1513/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.09 W/kg

**Edge 4/RMC Rel. 99\_ch 1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.17 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.65 W/kg

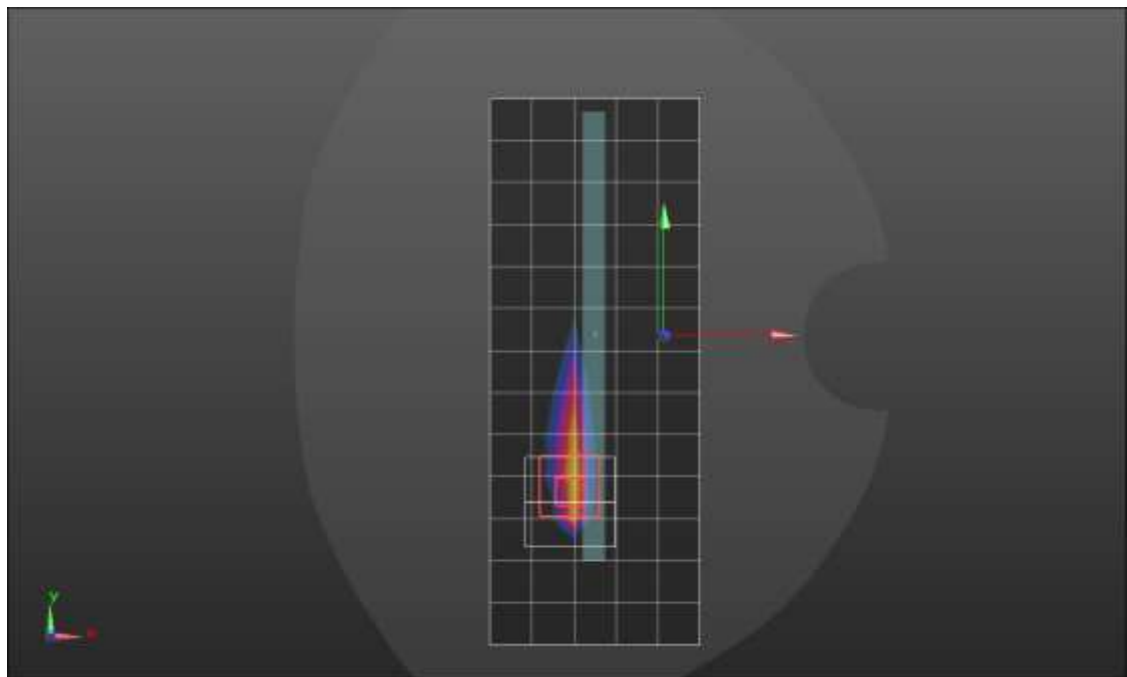
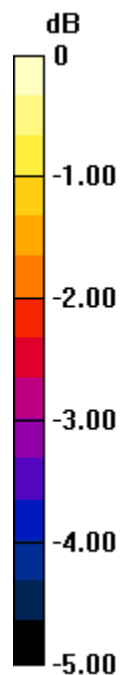
**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.398 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.7%

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

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

## W-CDMA Band IV ANT 4

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 38.303$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1752.6 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_RMC Rel. 99\_ch 1513/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**LHS/Touch\_RMC Rel. 99\_ch 1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.92 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.51 W/kg

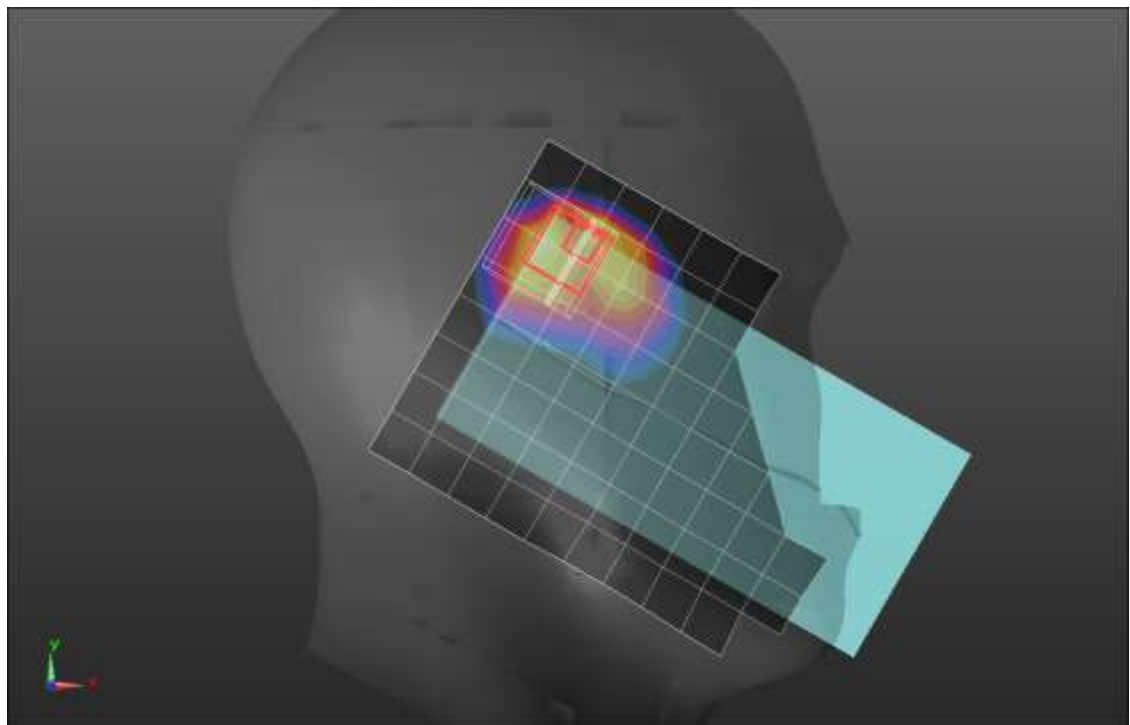
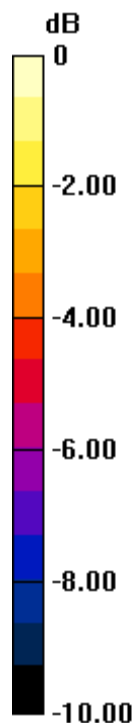
**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.372 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

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

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

## W-CDMA Band IV ANT 4

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 38.172$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1752.6 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/RMC Rel. 99\_ch 1513/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/RMC Rel. 99\_ch 1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.09 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.51 W/kg

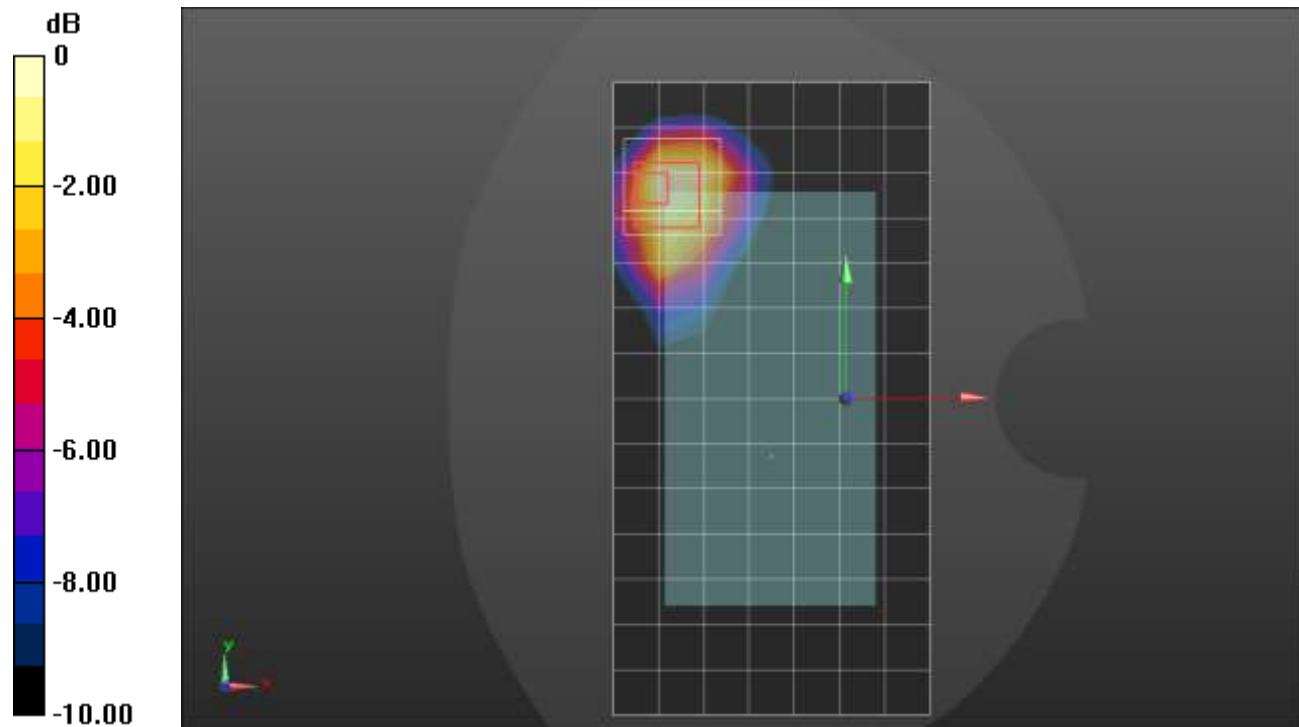
**SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.381 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

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

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



**W-CDMA Band V ANT 1**

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 40.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 836.6 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_RMC Rel. 99\_ch 4183/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.182 W/kg

**RHS/Touch\_RMC Rel. 99\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.56 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.204 W/kg

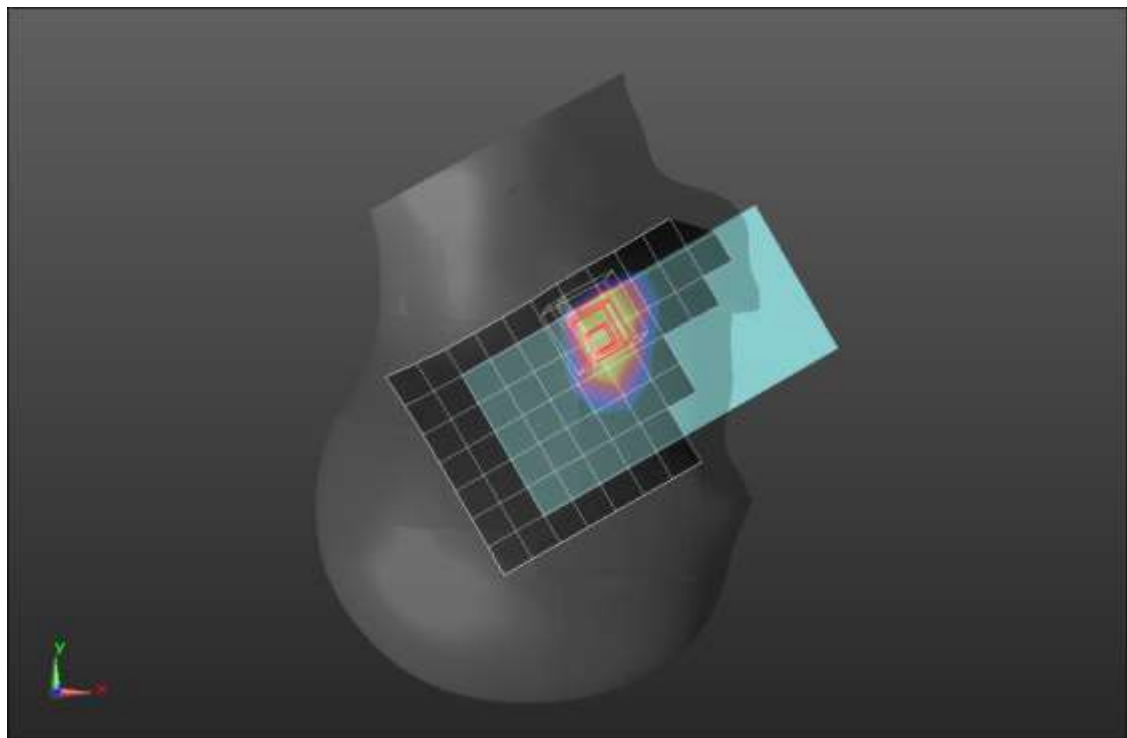
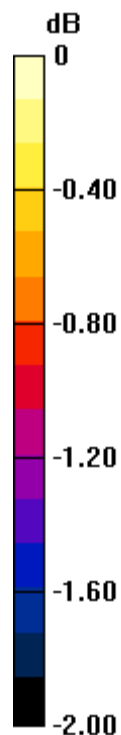
**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.125 W/kg**

Smallest distance from peaks to all points 3 dB below = 26.9 mm

Ratio of SAR at M2 to SAR at M1 = 79.9%

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

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

## W-CDMA Band V ANT 1

Frequency: 826.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 40.242$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 826.4 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/RMC Rel. 99\_ch 4132/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.07 W/kg

**Rear/RMC Rel. 99\_ch 4132/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.68 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.54 W/kg

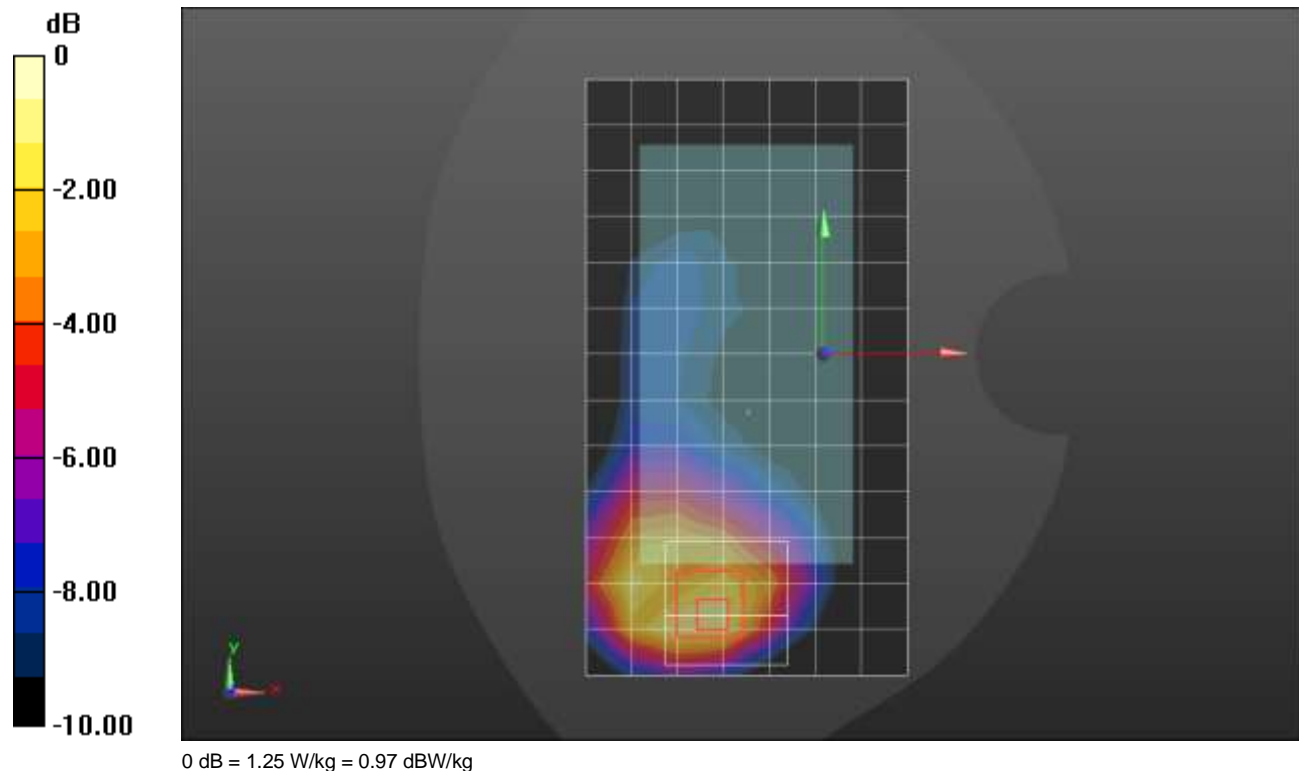
**SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.423 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

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

Maximum value of SAR (measured) = 1.25 W/kg





## W-CDMA Band V ANT 2

Frequency: 846.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.366$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09); Calibrated: 4/28/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_RMC Rel. 99\_ch 4233/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.908 W/kg

**RHS/Touch\_RMC Rel. 99\_ch 4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

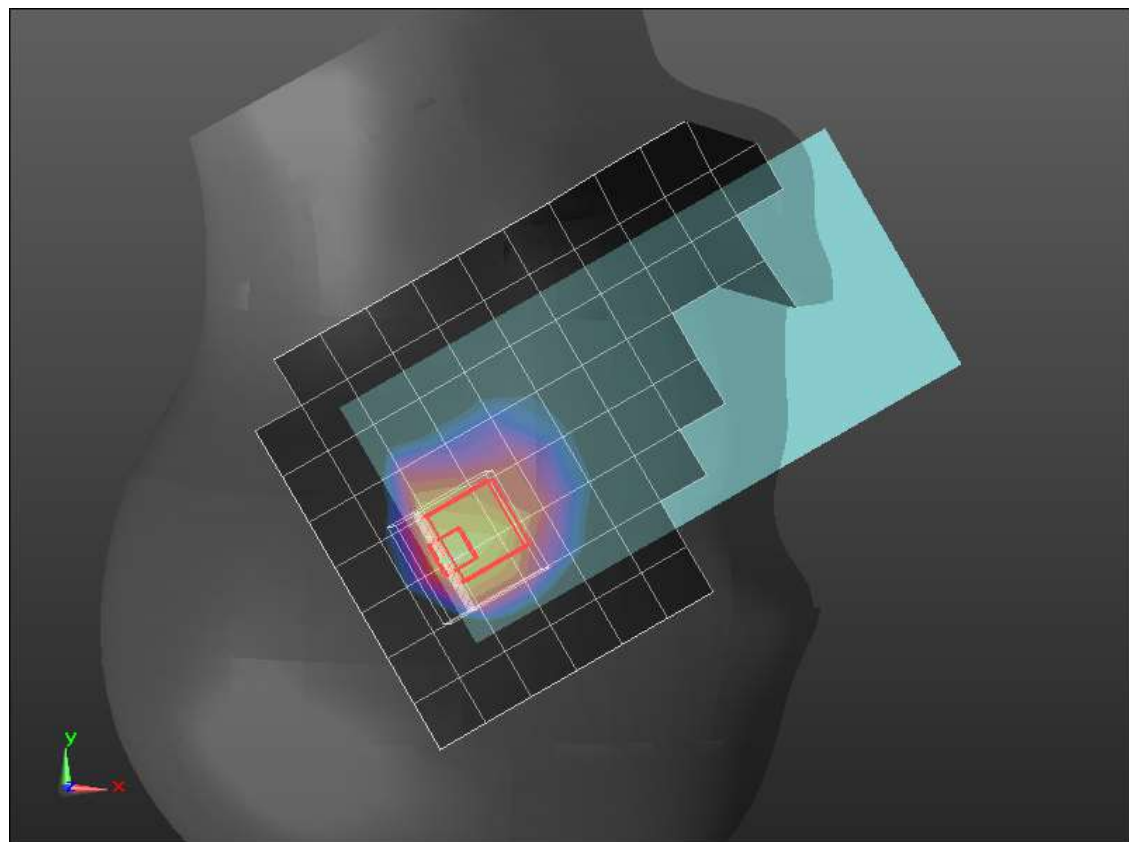
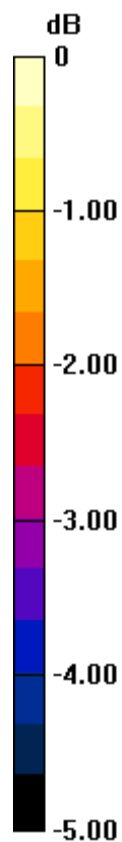
Reference Value = 32.37 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.472 W/kg**

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

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



0 dB = 1.02 W/kg = 0.09 dBW/kg

## W-CDMA Band V ANT 2

Frequency: 826.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**Rear/RMC Rel. 99\_ch 4132/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.08 W/kg

**Rear/RMC Rel. 99\_ch 4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

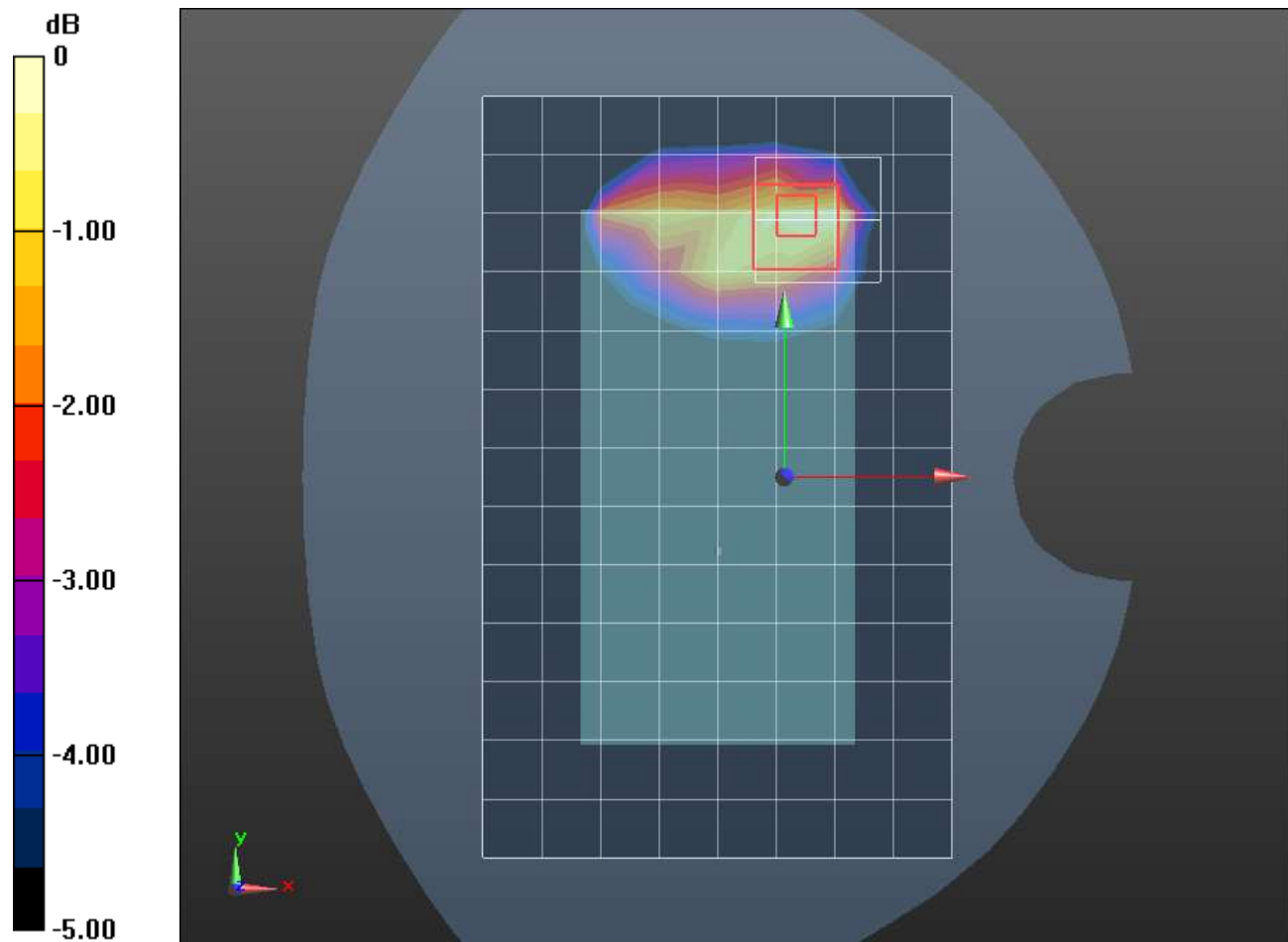
Reference Value = 31.17 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.483 W/kg**

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

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



## LTE Band 5 ANT 1

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;  $\sigma = 0.913$  S/m;  $\epsilon_r = 43.229$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01) @ 836.5 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**RHS/Touch\_QPSK RB 1,25 Ch 20525/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.248 W/kg

**RHS/Touch\_QPSK RB 1,25 Ch 20525/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.280 W/kg

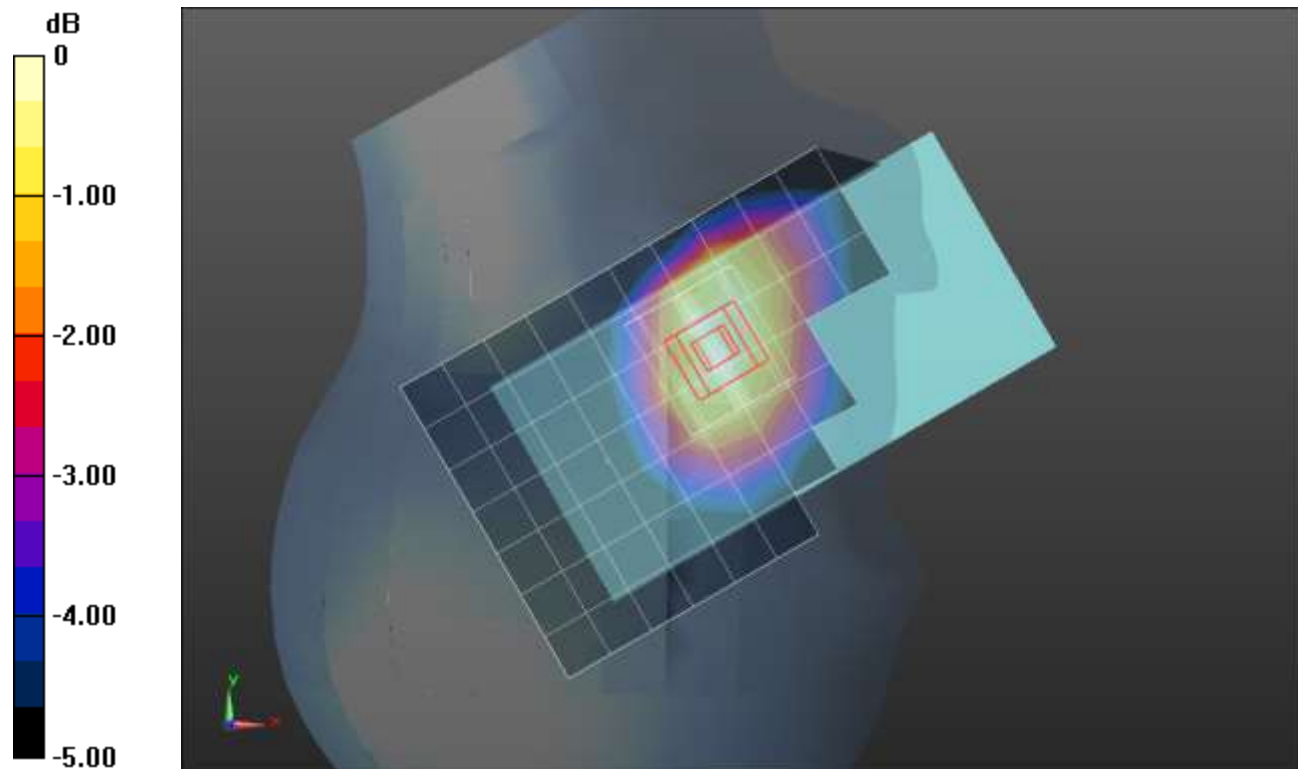
**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.160 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.9%

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

Maximum value of SAR (measured) = 0.254 W/kg



## LTE Band 5 ANT 1

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;  $\sigma = 0.91$  S/m;  $\epsilon_r = 40.762$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 2048

**Rear/QPSK RB 25,12 Ch 20525/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.944 W/kg

**Rear/QPSK RB 25,12 Ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

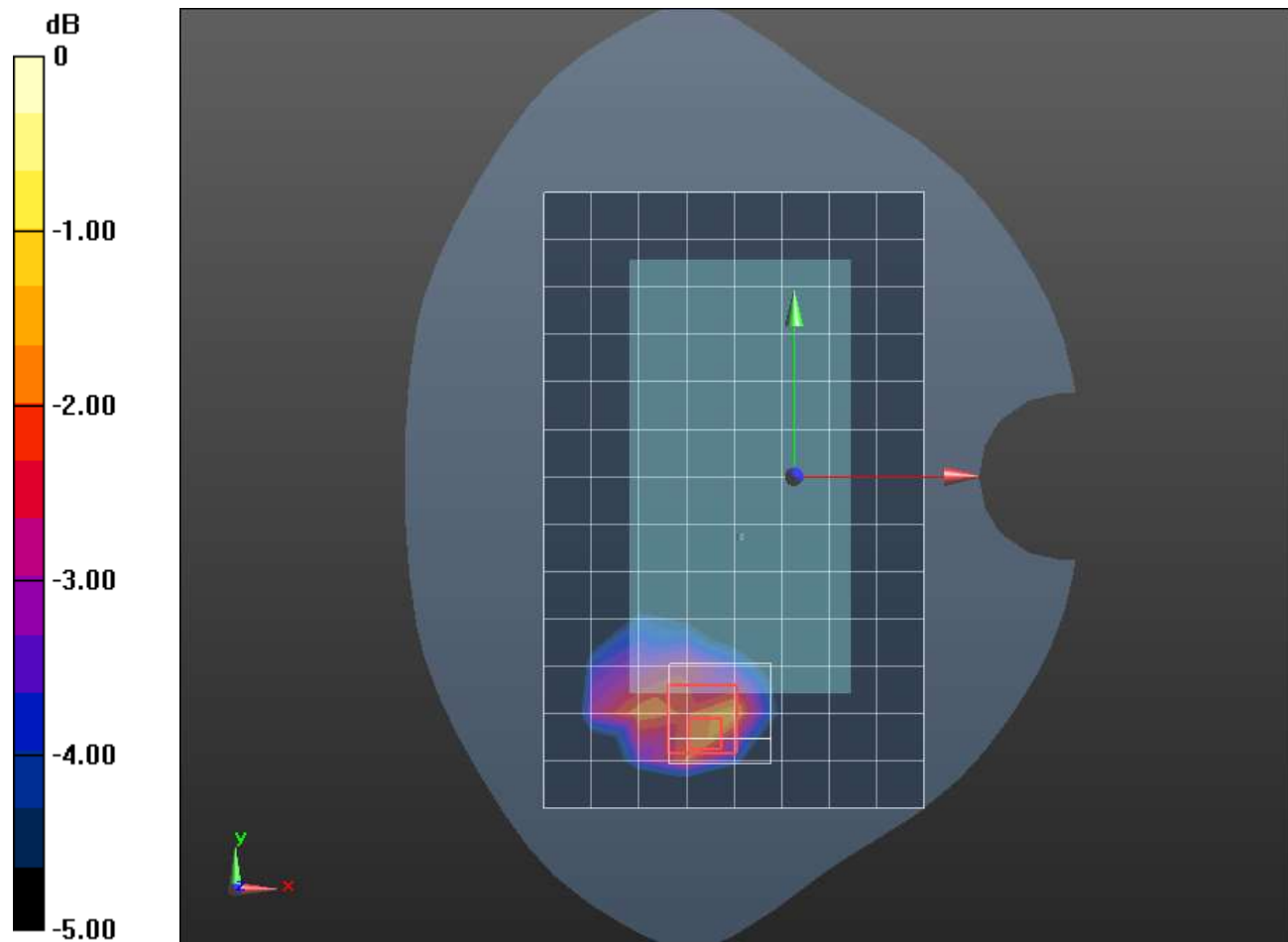
Reference Value = 35.54 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.411 W/kg**

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

Maximum value of SAR (measured) = 1.27 W/kg



## LTE Band 5 ANT 2

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;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 836.5 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_QPSK RB 25,12 Ch 20525/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**RHS/Touch\_QPSK RB 25,12 Ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.45 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.68 W/kg

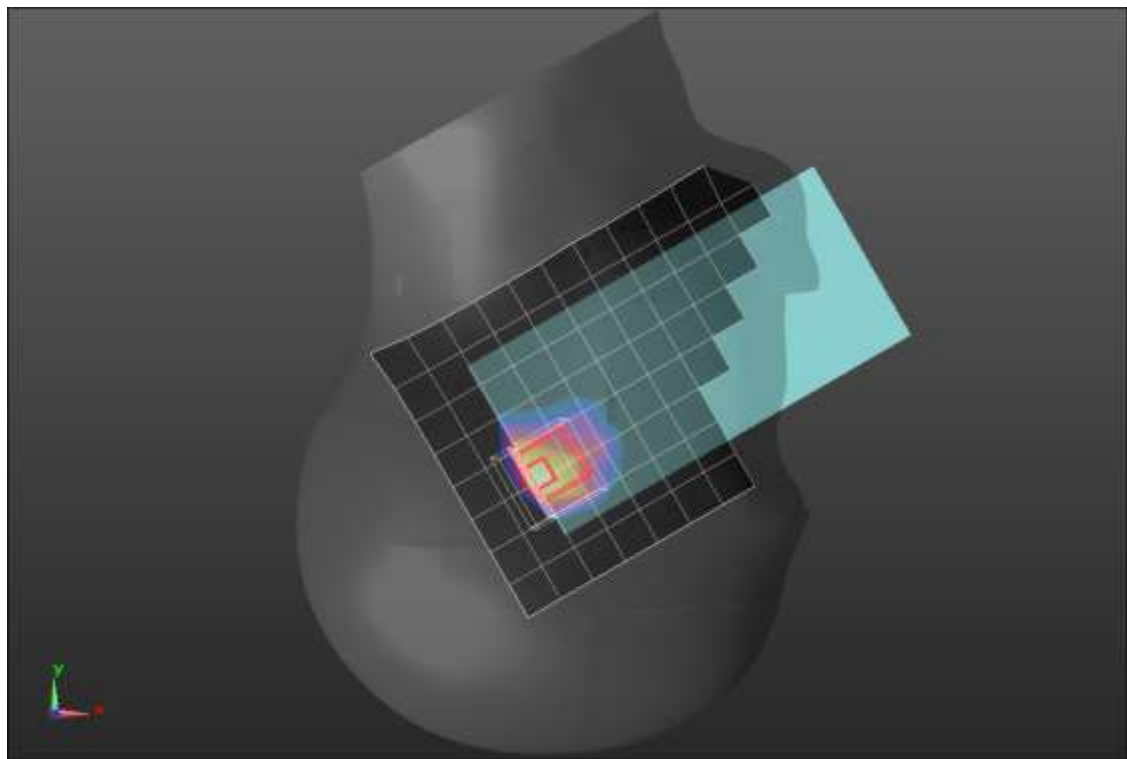
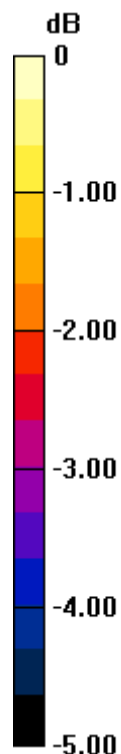
**SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.458 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

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

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

## LTE Band 5 ANT 2

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;  $\sigma = 0.924$  S/m;  $\epsilon_r = 41.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**Rear/QPSK RB 1,25 Ch 20525/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.949 W/kg

**Rear/QPSK RB 1,25 Ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

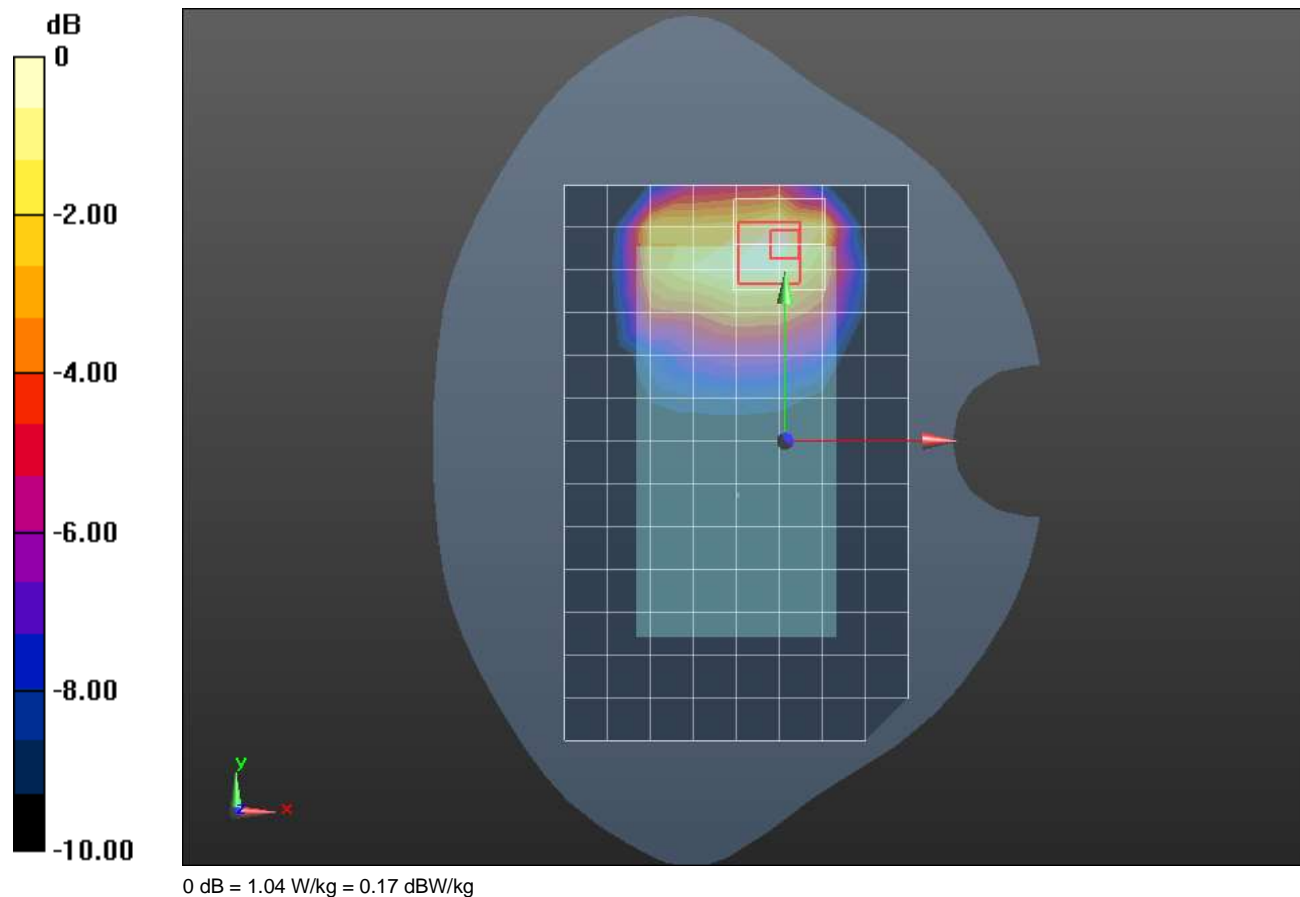
Reference Value = 33.78 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.448 W/kg**

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

Maximum value of SAR (measured) = 1.04 W/kg



## LTE Band 7 ANT 1

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.894$  S/m;  $\epsilon_r = 40.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(7.62, 7.62, 7.62) @ 2535 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_QPSK RB 1,49 Ch 21100/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.560 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 21100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.01 V/m; Power Drift = 0.06 dB

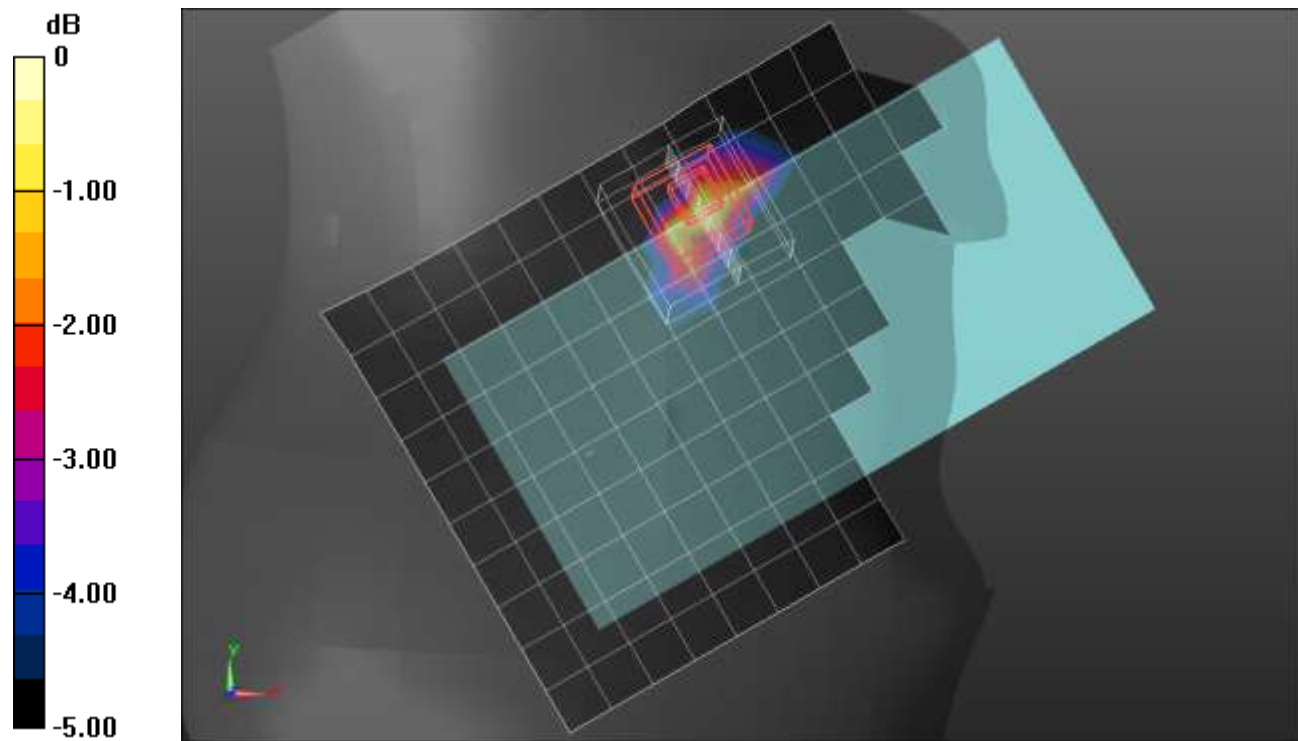
Peak SAR (extrapolated) = 0.704 W/kg

**SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.200 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.581 W/kg





## LTE Band 7 ANT 1

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.852$  S/m;  $\epsilon_r = 38.337$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2535 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 21100/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.06 W/kg

**Rear/QPSK RB 50,24 Ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.59 V/m; Power Drift = -0.03 dB

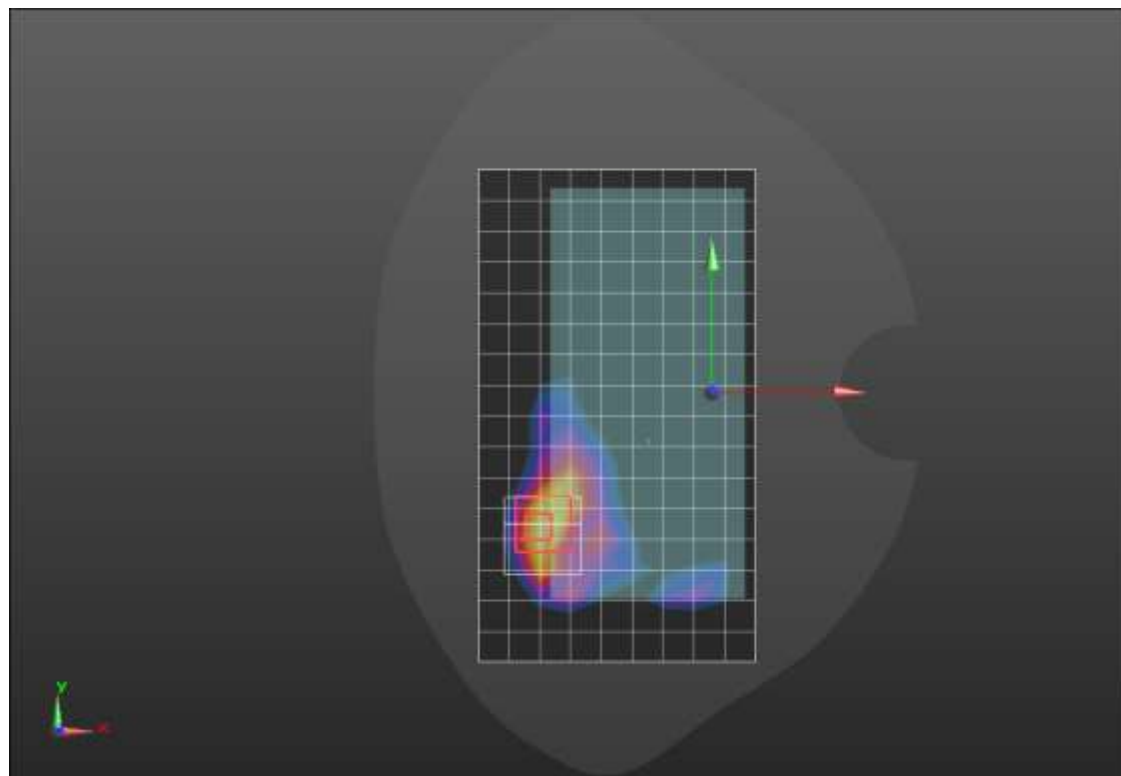
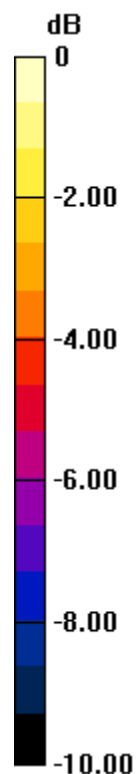
Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.249 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 39.9%

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg



## LTE Band 7 ANT 1

Frequency: 2510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.703$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2510 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/QPSK RB 50,24 Ch 20850/Area Scan (6x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.48 W/kg

**Edge 2/QPSK RB 50,24 Ch 20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.35 V/m; Power Drift = -0.14 dB

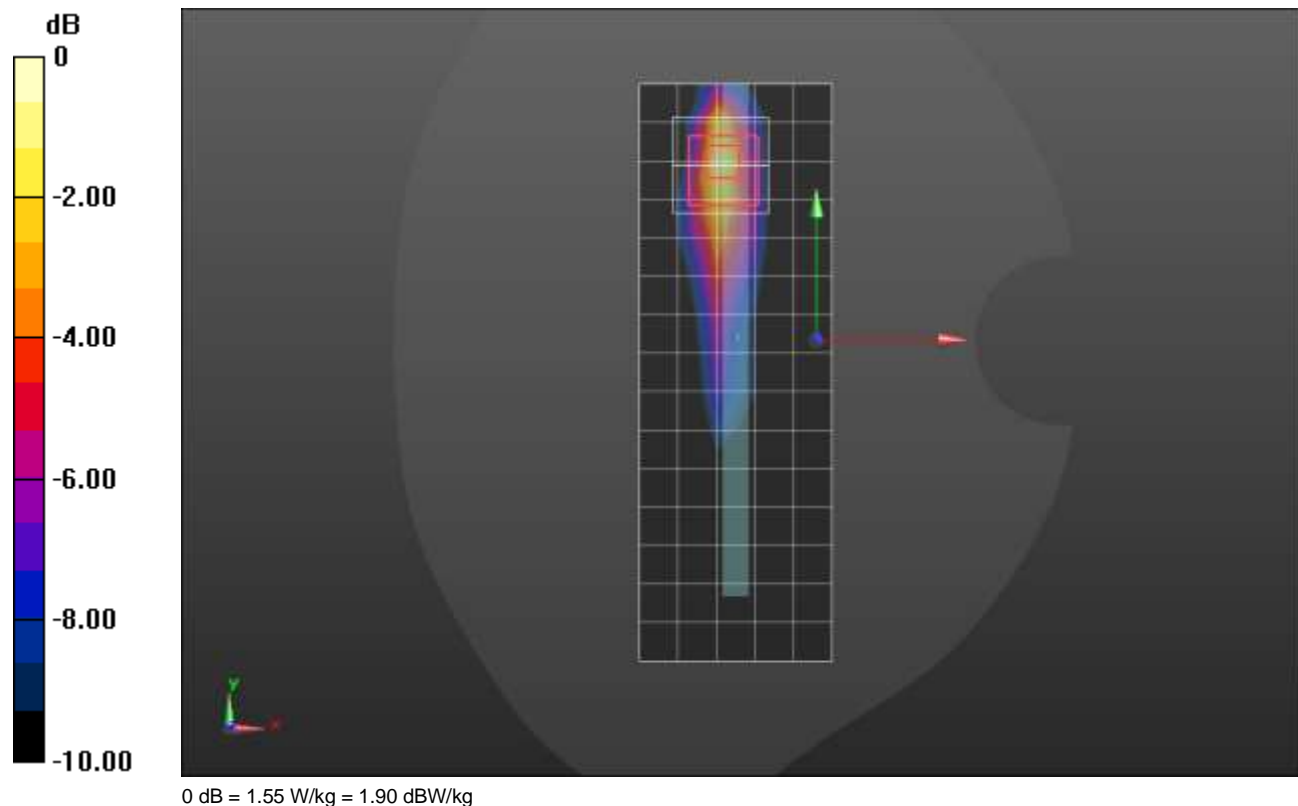
Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.357 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

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



## LTE Band 7 ANT 2

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 38.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2560 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 50,24 Ch 21350/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

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

**RHS/Touch\_QPSK RB 50,24 Ch 21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.55 V/m; Power Drift = 0.01 dB

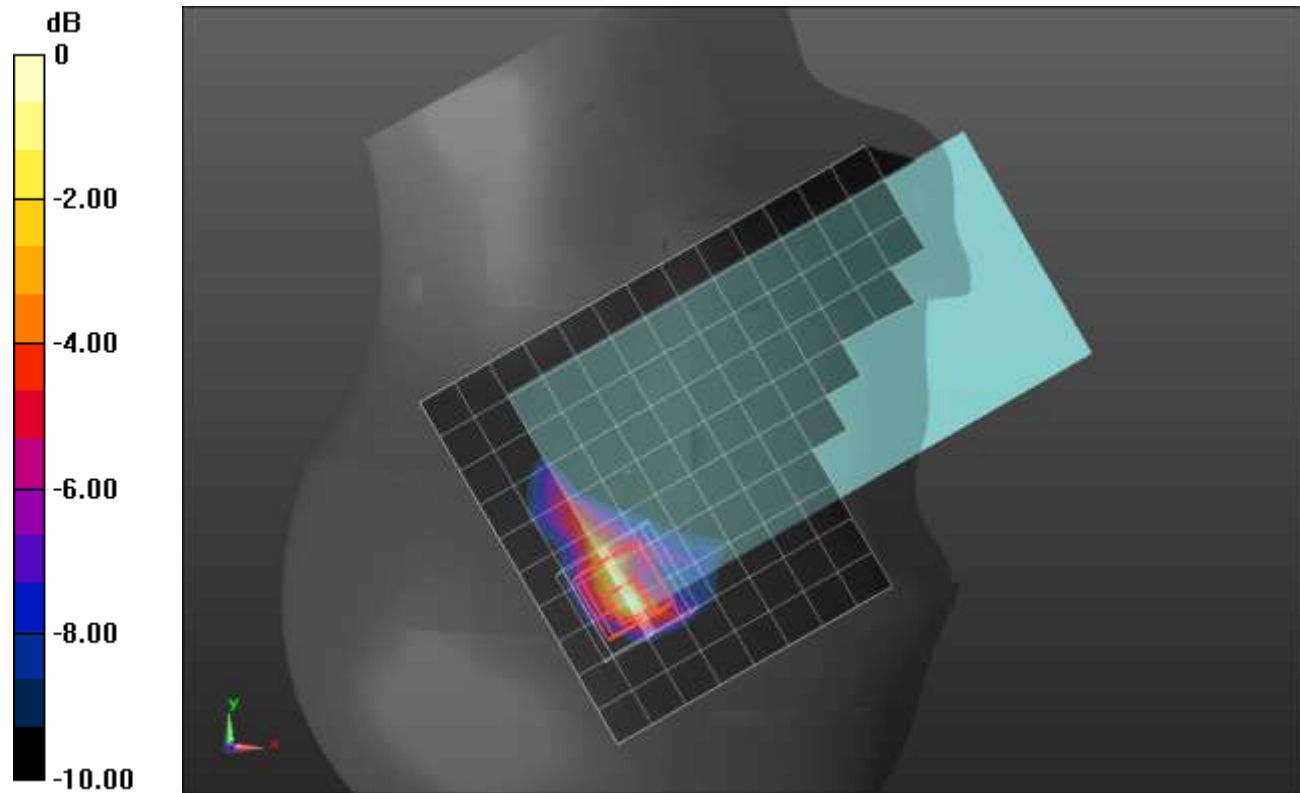
Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.336 W/kg**

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 35.8%

Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.70 W/kg = 2.30 dBW/kg

## LTE Band 7 ANT 2

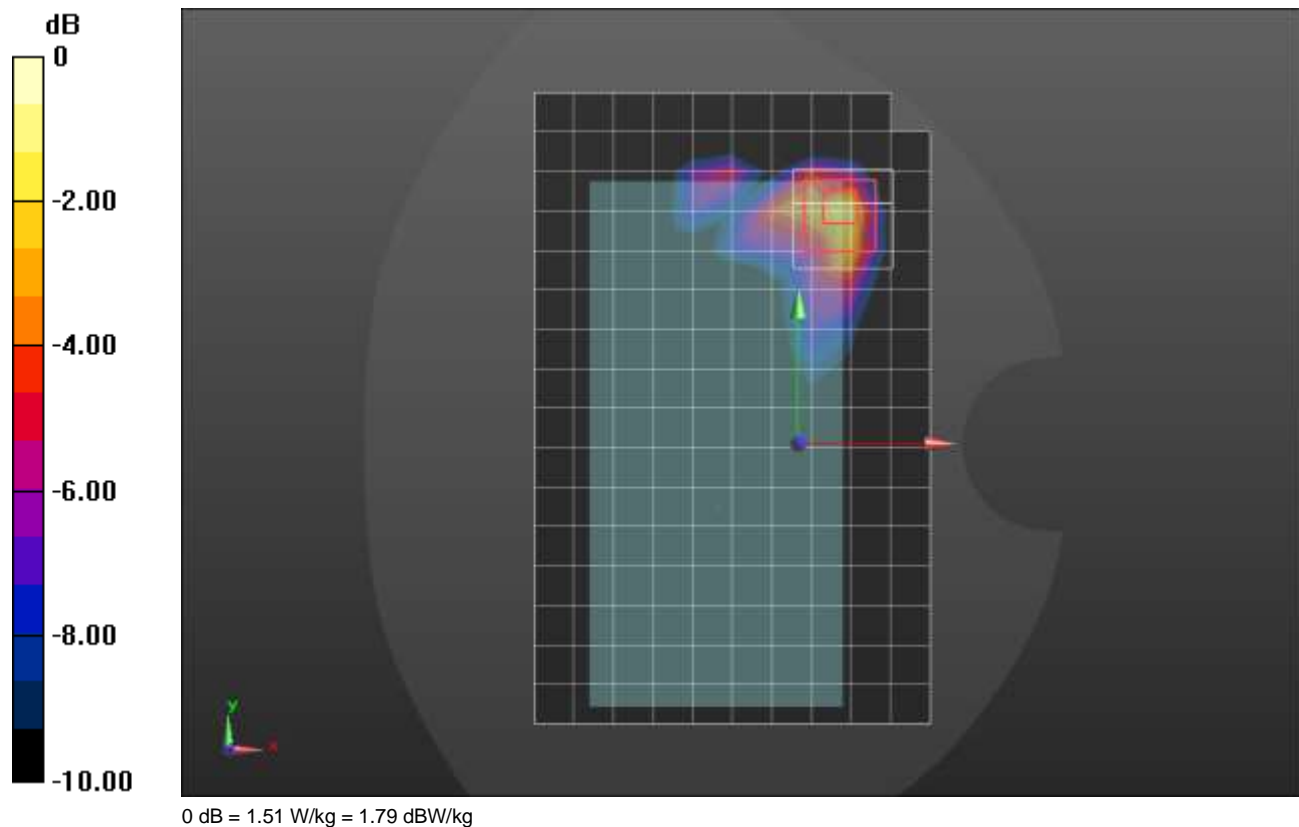
Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 38.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2560 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 21350/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.32 W/kg

**Rear/QPSK RB 50,24 Ch 21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 24.04 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 2.04 W/kg  
**SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.328 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5.7 mm  
Ratio of SAR at M2 to SAR at M1 = 41%  
Maximum value of SAR (measured) = 1.51 W/kg



## LTE Band 7 ANT 3

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.894$  S/m;  $\epsilon_r = 40.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(7.62, 7.62, 7.62) @ 2535 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**LHS/Touch\_QPSK RB 50,24 Ch 21100/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.441 W/kg

**LHS/Touch\_QPSK RB 50,24 Ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.11 V/m; Power Drift = -0.05 dB

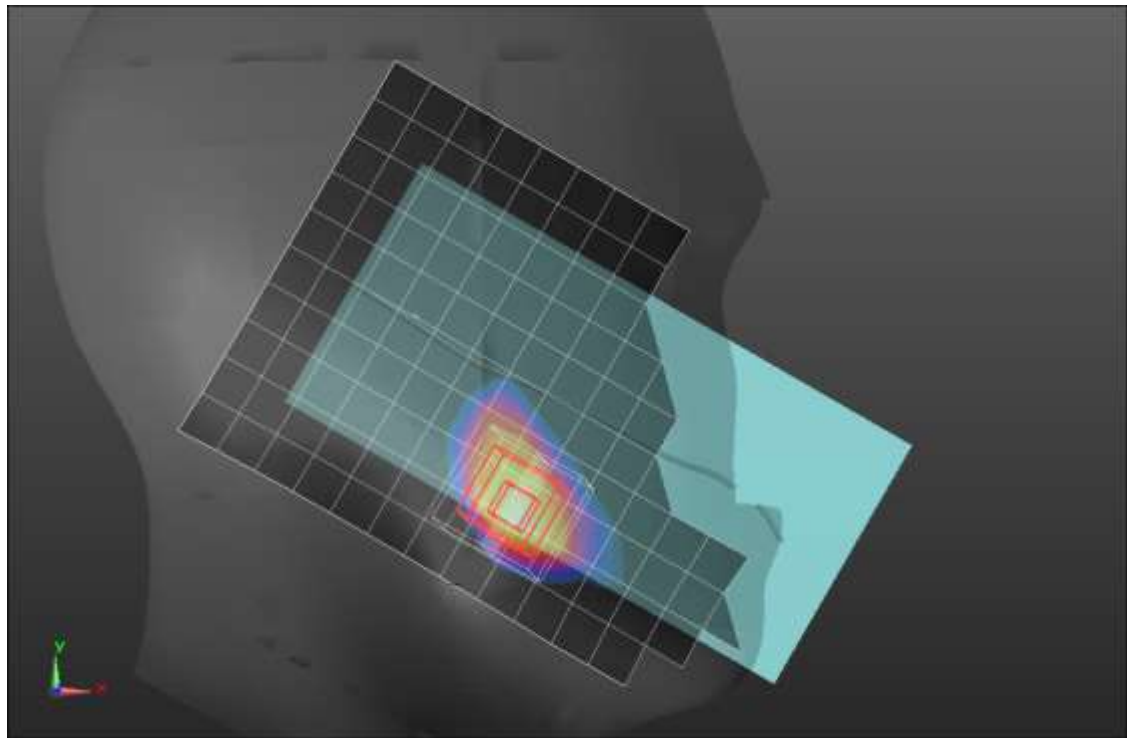
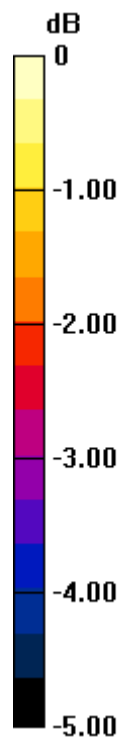
Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.175 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

## LTE Band 7 ANT 3

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.892$  S/m;  $\epsilon_r = 37.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 21100/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.860 W/kg

**Rear/QPSK RB 50,24 Ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.58 V/m; Power Drift = -0.02 dB

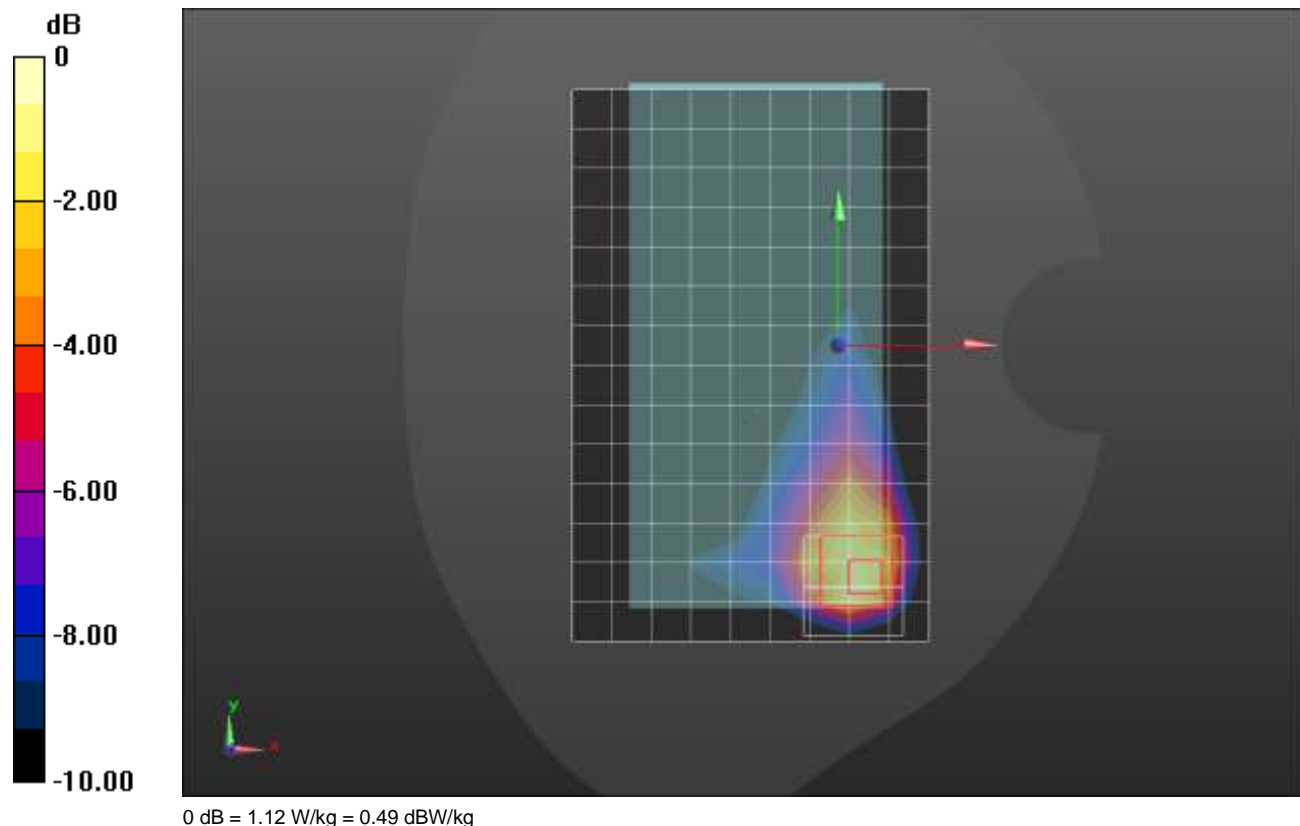
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.319 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 1.12 W/kg



## LTE Band 7 ANT 3

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.917$  S/m;  $\epsilon_r = 40.735$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 4/QPSK RB 100,0 Ch 21100/Area Scan (7x15x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.16 W/kg

**Edge 4/QPSK RB 100,0 Ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.85 V/m; Power Drift = -0.12 dB

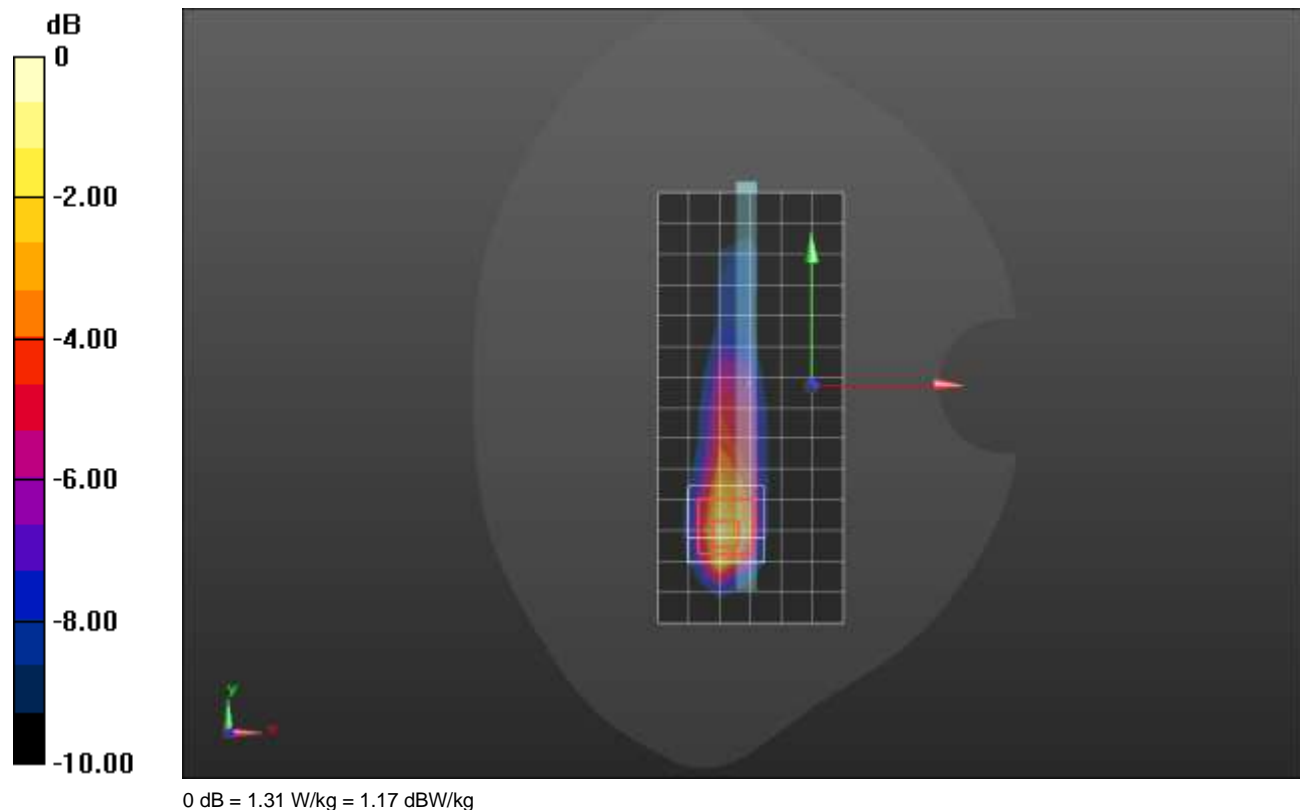
Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.334 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.5%

Maximum value of SAR (measured) = 1.31 W/kg



## LTE Band 7 ANT 4

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 37.865$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2560 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 50,24 Ch 21350/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.36 W/kg

**LHS/Touch\_QPSK RB 50,24 Ch 21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.79 V/m; Power Drift = 0.02 dB

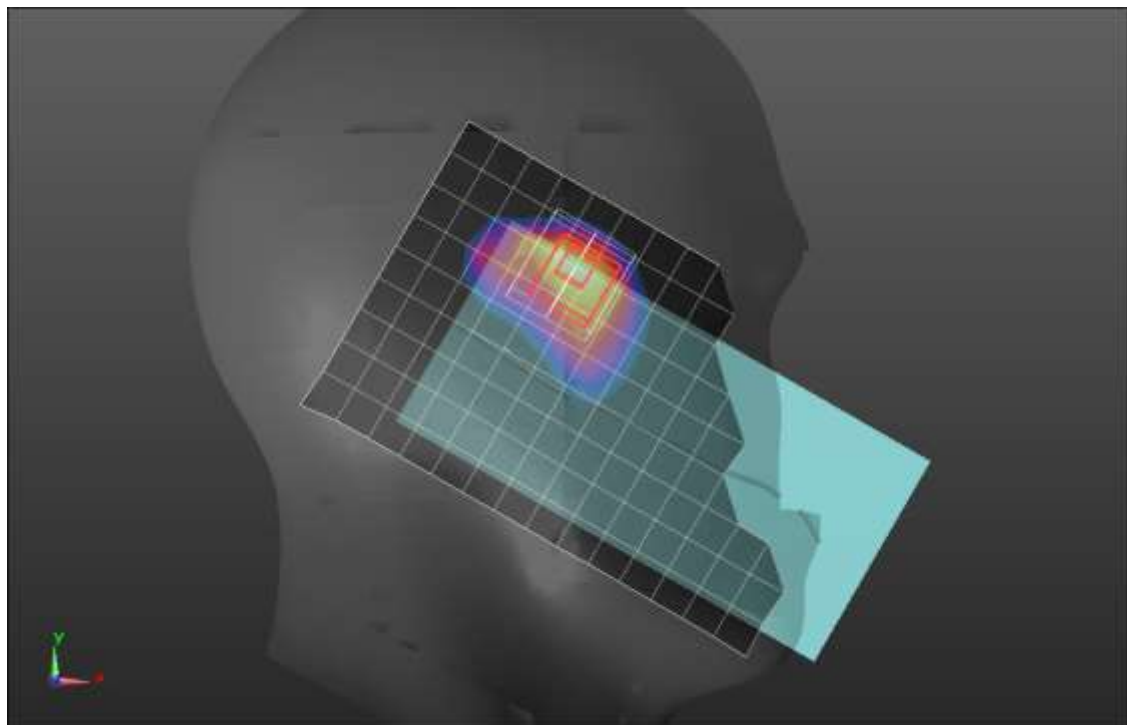
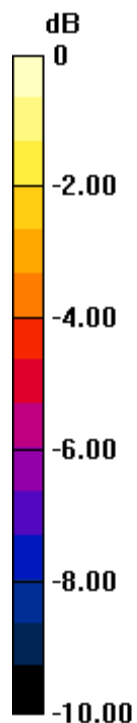
Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.375 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 39.1%

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg



## LTE Band 7 ANT 4

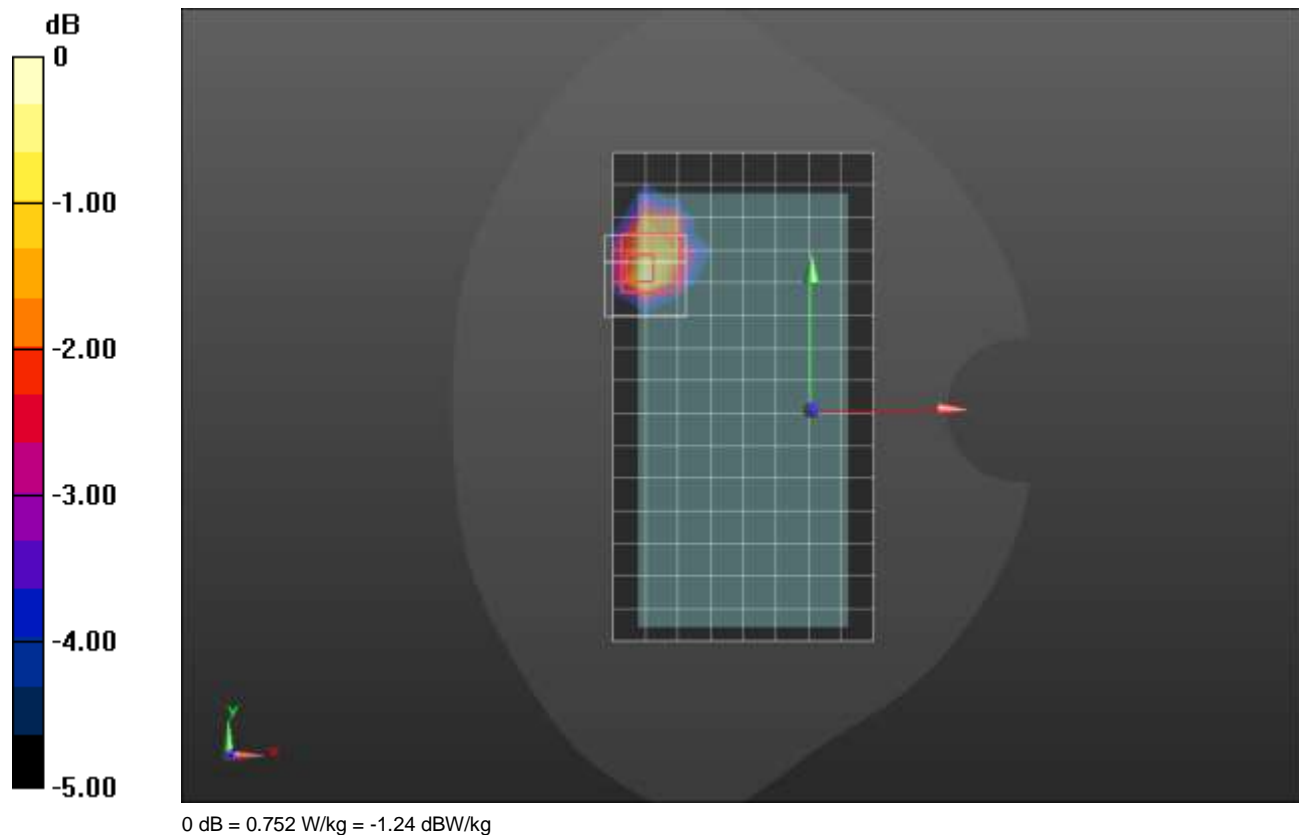
Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.892$  S/m;  $\epsilon_r = 37.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 21100/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.713 W/kg

**Rear/QPSK RB 50,24 Ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 17.79 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 0.974 W/kg  
**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.233 W/kg**  
Smallest distance from peaks to all points 3 dB below = 9 mm  
Ratio of SAR at M2 to SAR at M1 = 45.3%  
Maximum value of SAR (measured) = 0.752 W/kg





## LTE Band 7 ANT 4

Frequency: 2510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon_r = 37.388$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2510 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/QPSK RB 50,24 Ch 20850/Area Scan (6x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.22 W/kg

**Edge 2/QPSK RB 50,24 Ch 20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.49 V/m; Power Drift = -0.04 dB

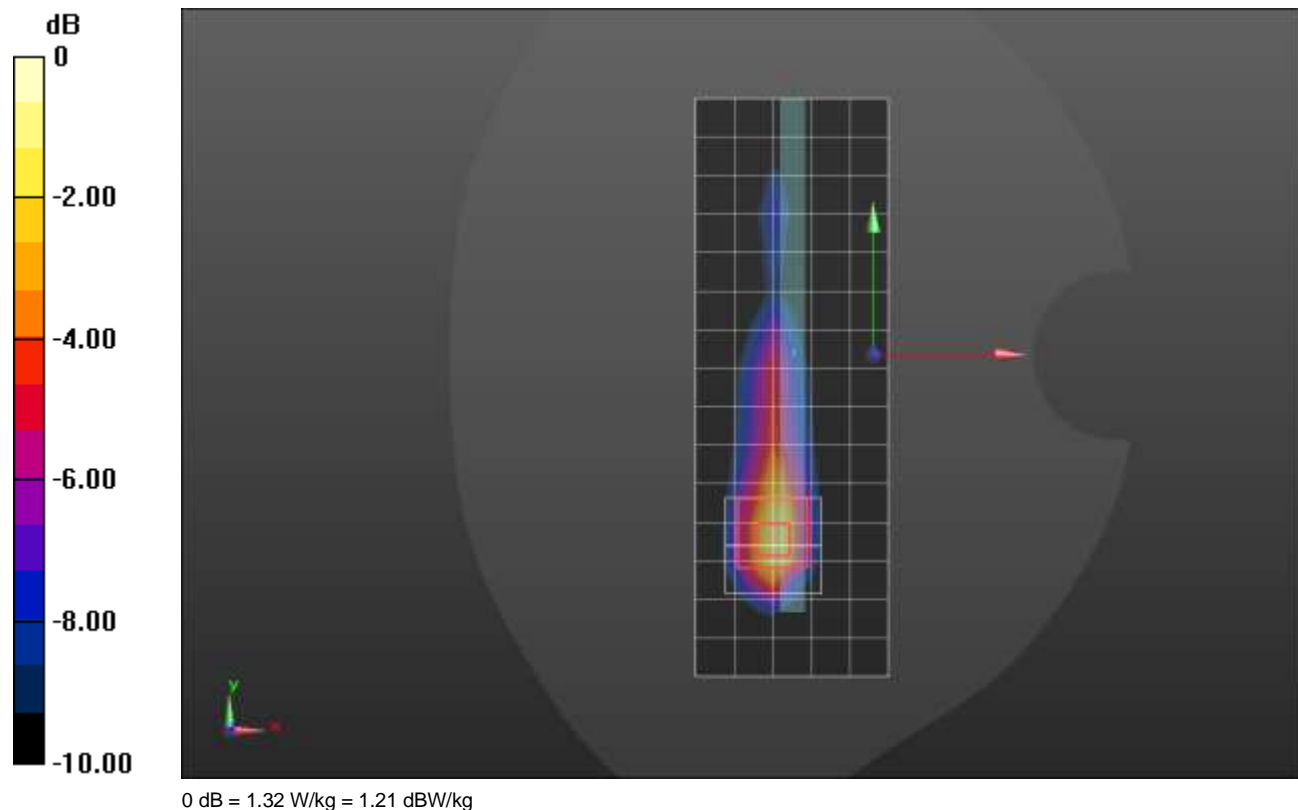
Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.311 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 43.2%

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



## LTE Band 12 ANT 1

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 41.727$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(9.75, 9.75, 9.75) @ 707.5 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_QPSK RB 1,25 Ch 23095/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.184 W/kg

**RHS/Touch\_QPSK RB 1,25 Ch 23095/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.00 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.194 W/kg

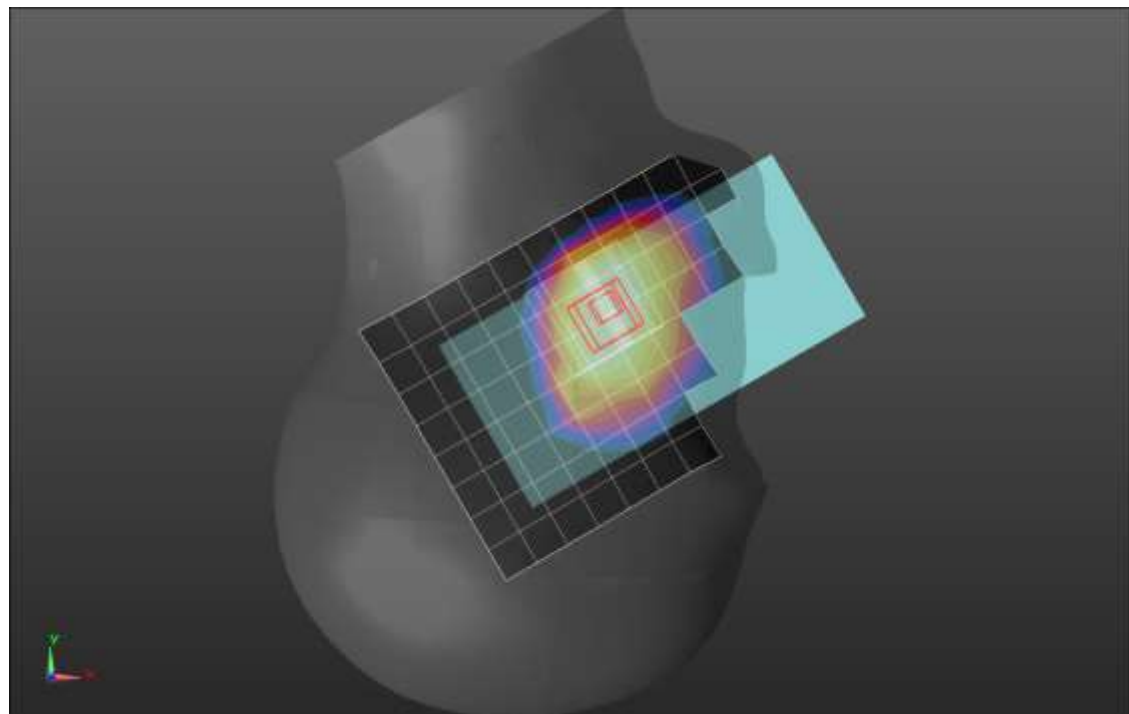
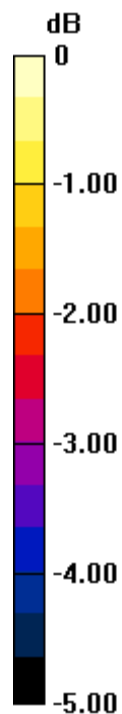
**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.116 W/kg**

Smallest distance from peaks to all points 3 dB below = 28.8 mm

Ratio of SAR at M2 to SAR at M1 = 76%

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

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

## LTE Band 12 ANT 1

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 41.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 707.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 50,0 Ch 23095/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/QPSK RB 50,0 Ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

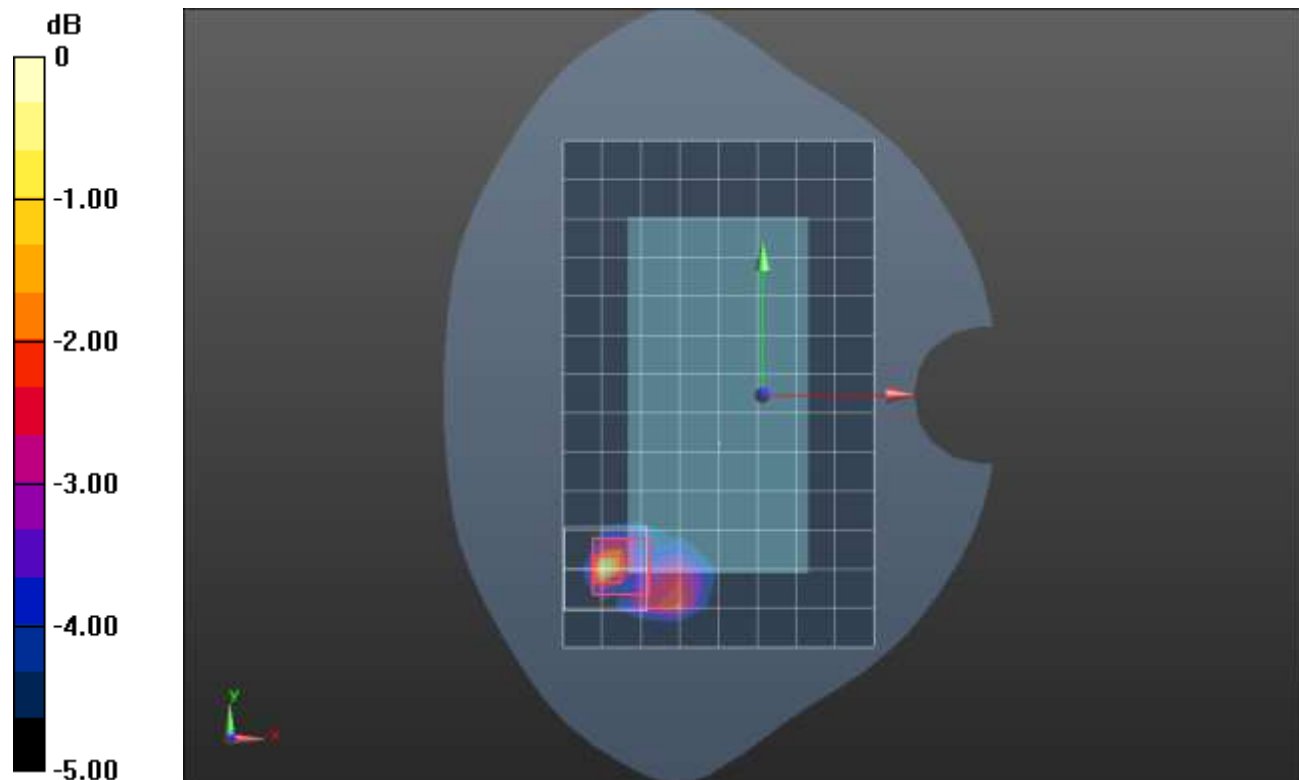
Reference Value = 34.24 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.388 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

## LTE Band 12 ANT 2

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 41.727$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(9.75, 9.75, 9.75) @ 707.5 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Tilt\_QPSK RB 1,25 Ch 23095/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.751 W/kg

**RHS/Tilt\_QPSK RB 1,25 Ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.08 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.89 W/kg

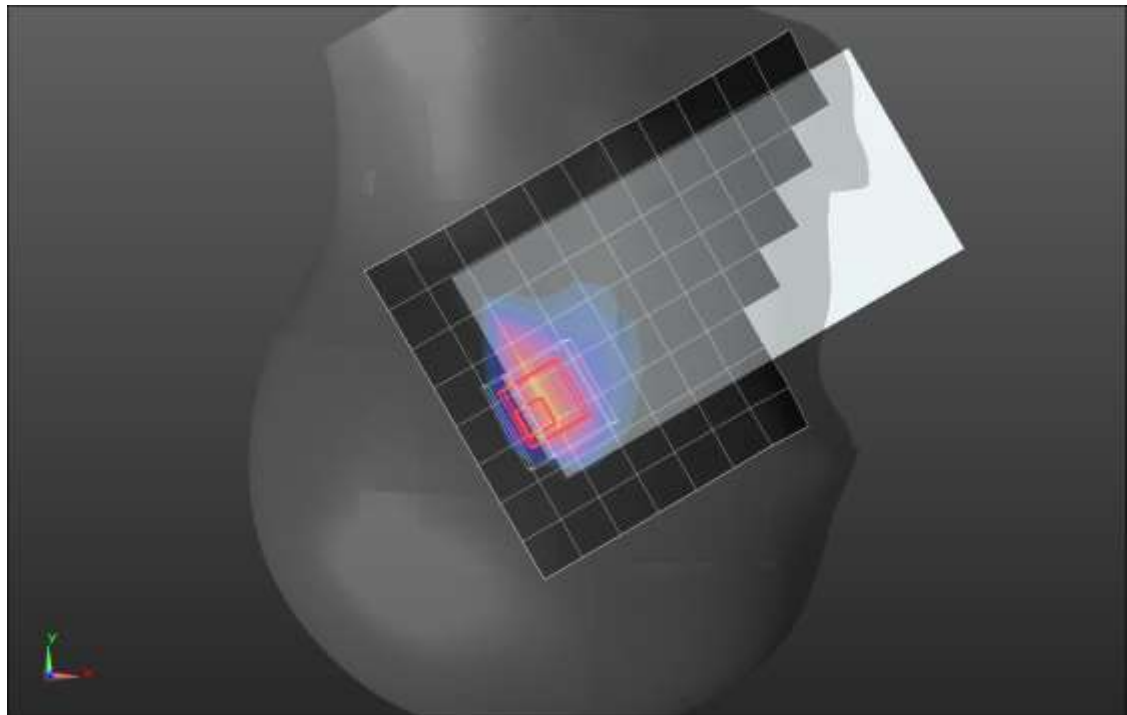
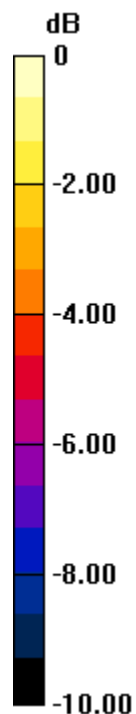
**SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.353 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 23.3%

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

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

## LTE Band 12 ANT 2

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 41.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 707.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 1,25 Ch 23095/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.05 W/kg

**Rear/QPSK RB 1,25 Ch 23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

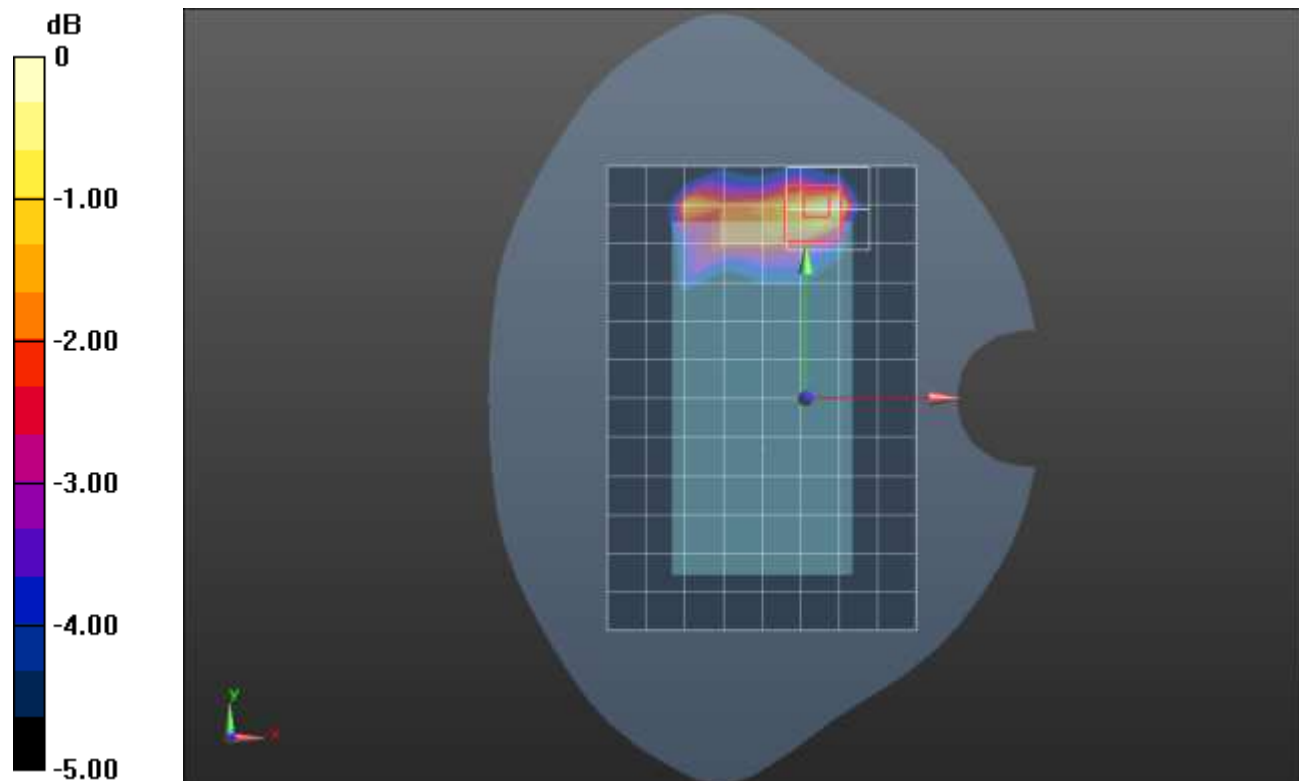
Reference Value = 36.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.354 W/kg**

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

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



## LTE Band 13 ANT 1

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 41.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(9.75, 9.75, 9.75) @ 782 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_QPSK RB 1,25 Ch 23230/Area Scan (10x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.227 W/kg

**RHS/Touch\_QPSK RB 1,25 Ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.21 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.283 W/kg

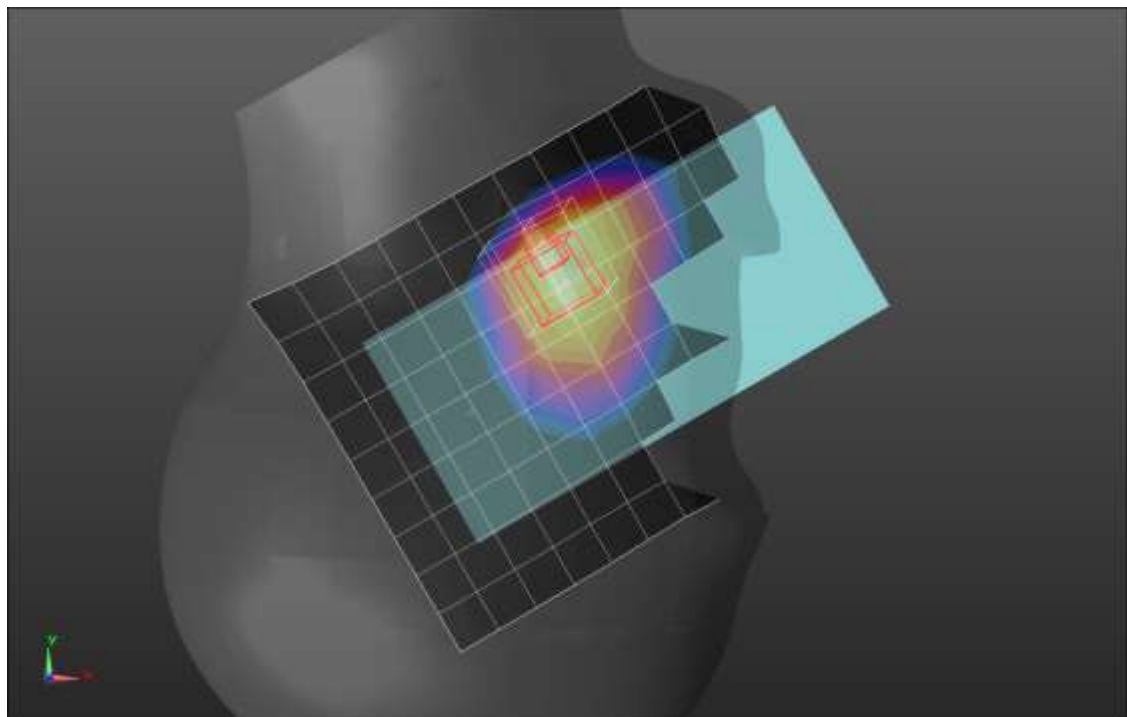
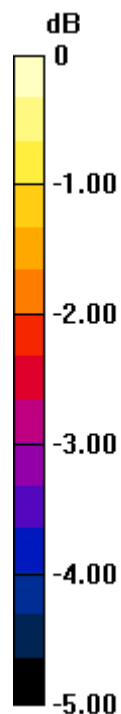
**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.142 W/kg**

Smallest distance from peaks to all points 3 dB below = 17.7 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

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

Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

## LTE Band 13 ANT 1

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 41.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 782 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 50,0 Ch 23230/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/QPSK RB 50,0 Ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

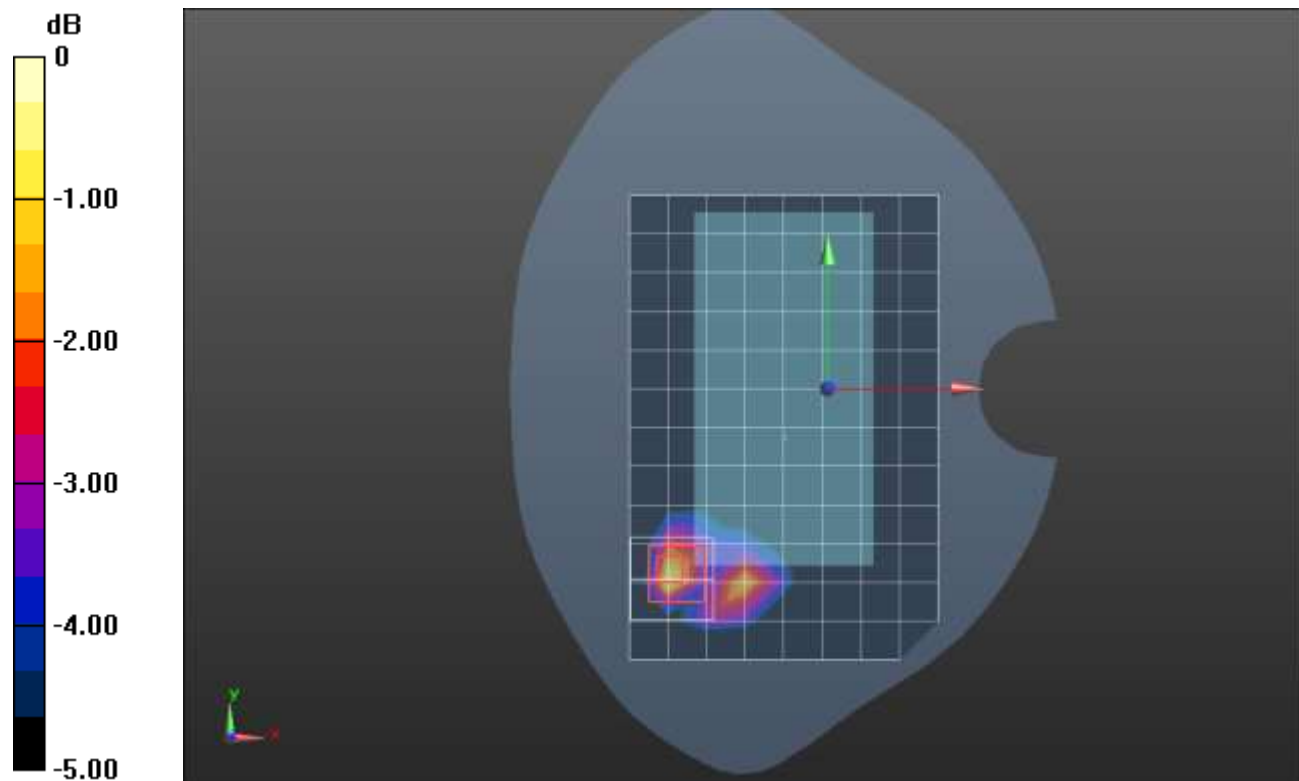
Reference Value = 39.55 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.374 W/kg**

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

Maximum value of SAR (measured) = 1.38 W/kg





## LTE Band 13 ANT 2

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.885 \text{ S/m}$ ;  $\epsilon_r = 40.607$ ;  $\rho = 1000 \text{ kg/m}^3$

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 782 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 50,0 Ch 23230/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Maximum value of SAR (measured) = 0.832 W/kg

**RHS/Touch\_QPSK RB 50,0 Ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

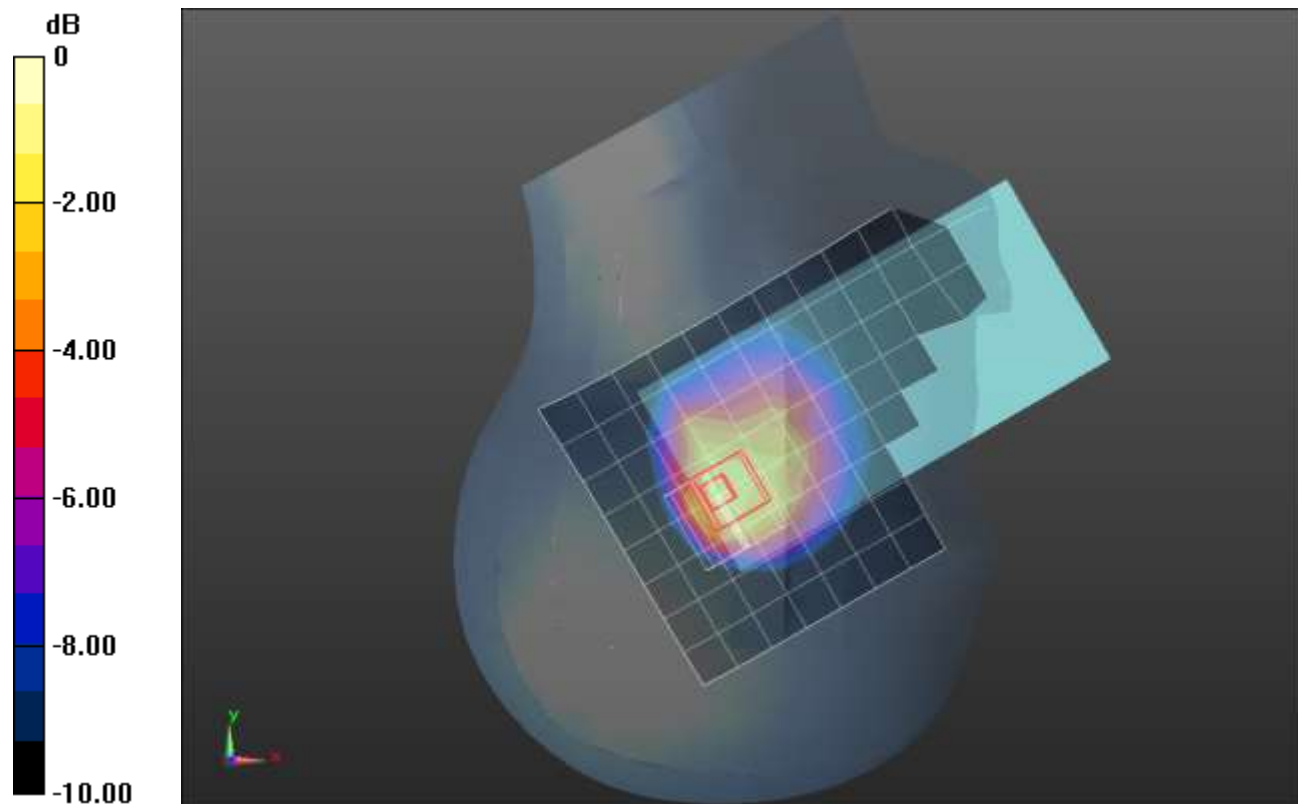
Reference Value = 28.93 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.419 W/kg**

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

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





## LTE Band 13 ANT 2

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.886$  S/m;  $\epsilon_r = 45.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 782 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 1,25 Ch 23230/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.10 W/kg

**Rear/QPSK RB 1,25 Ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

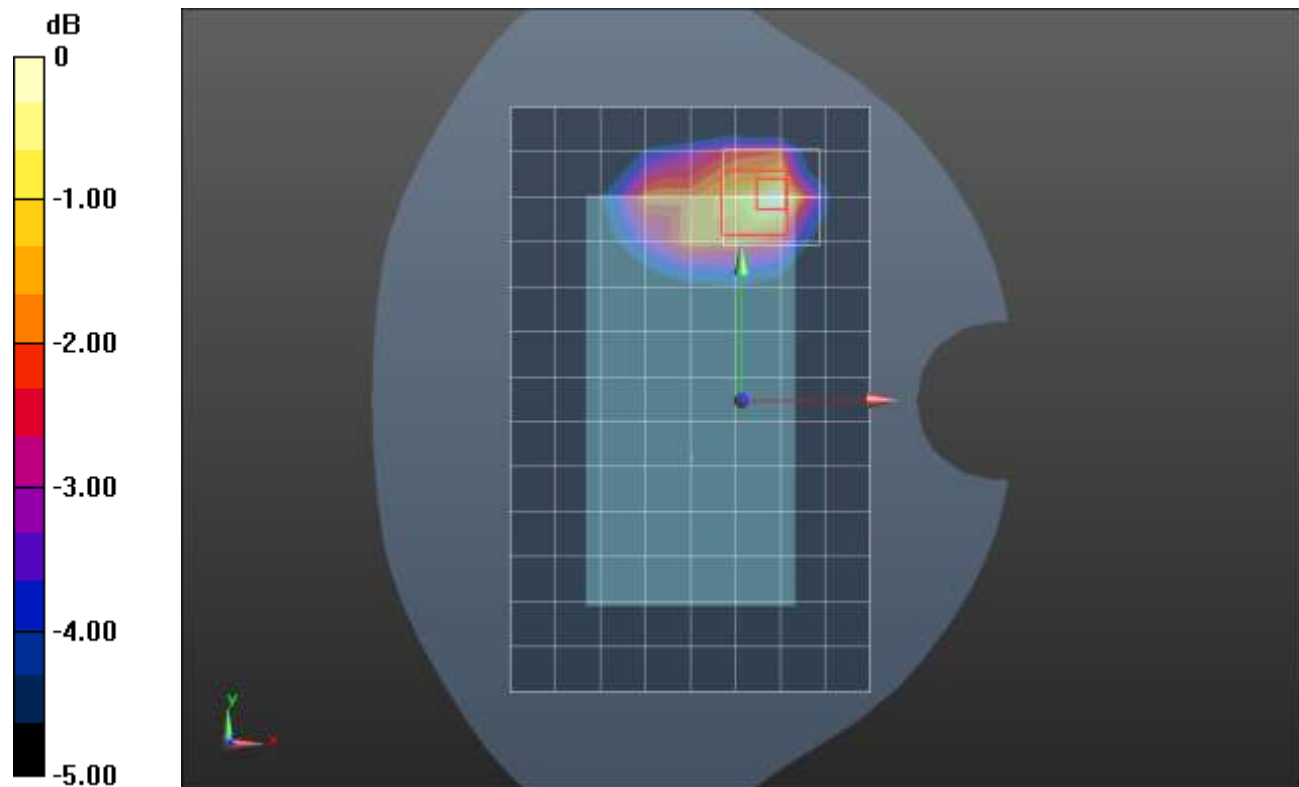
Reference Value = 31.52 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.427 W/kg**

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

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

## LTE Band 14 ANT 1

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.568$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1,25 Ch 23330/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.201 W/kg

**RHS/Touch\_QPSK RB 1,25 Ch 23330/Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

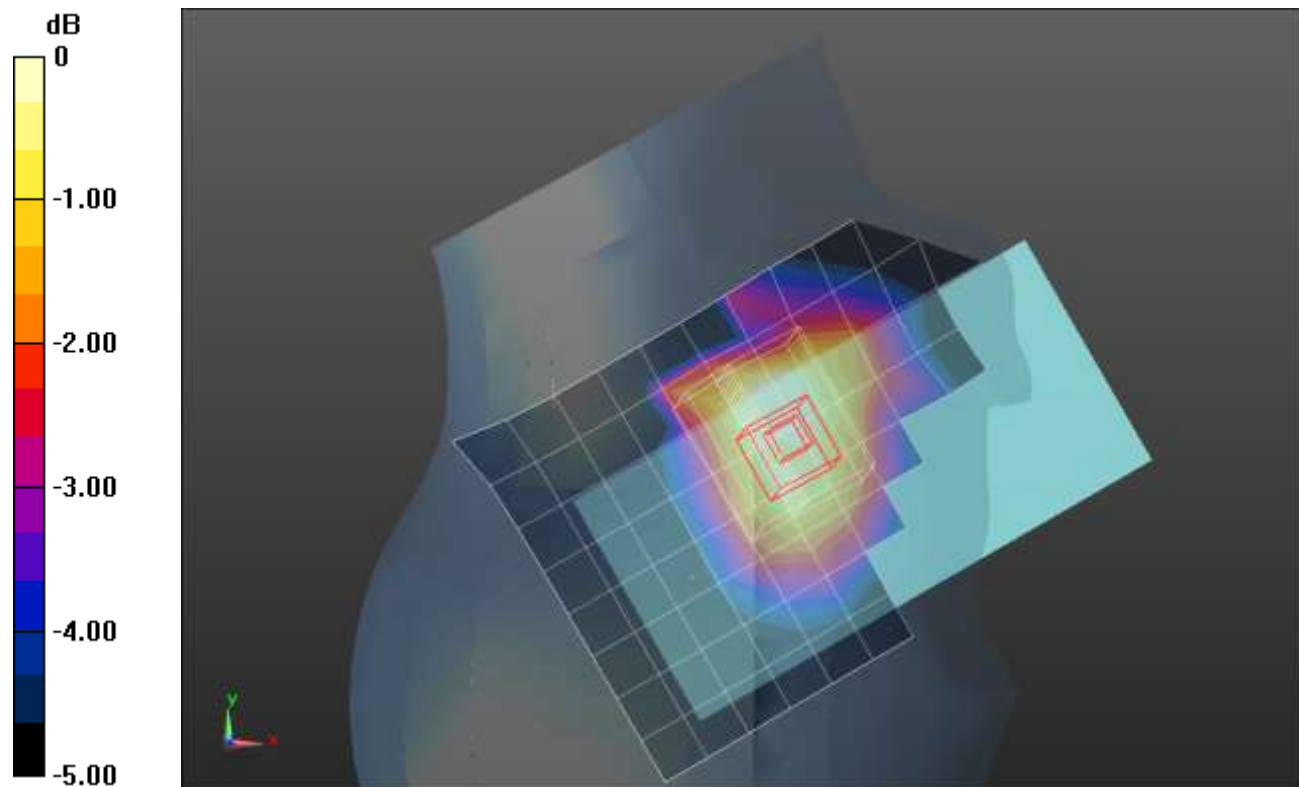
Reference Value = 13.49 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.122 W/kg**

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

Maximum value of SAR (measured) = 0.196 W/kg



## LTE Band 14 ANT 1

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 25,12 Ch 23330/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/QPSK RB 25,12 Ch 23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

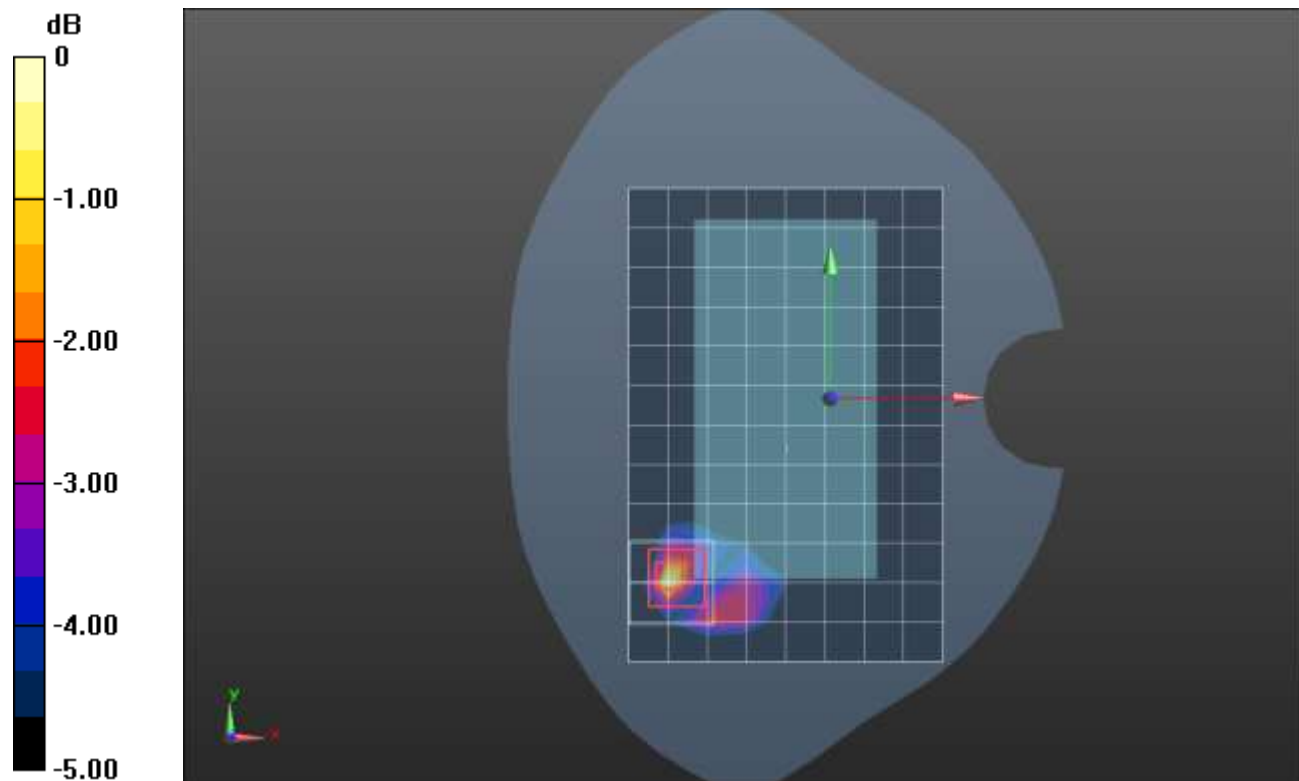
Reference Value = 32.94 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.367 W/kg**

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

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



## LTE Band 14 ANT 2

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 50,0 Ch 23330/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.04 W/kg

**RHS/Touch\_QPSK RB 50,0 Ch 23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

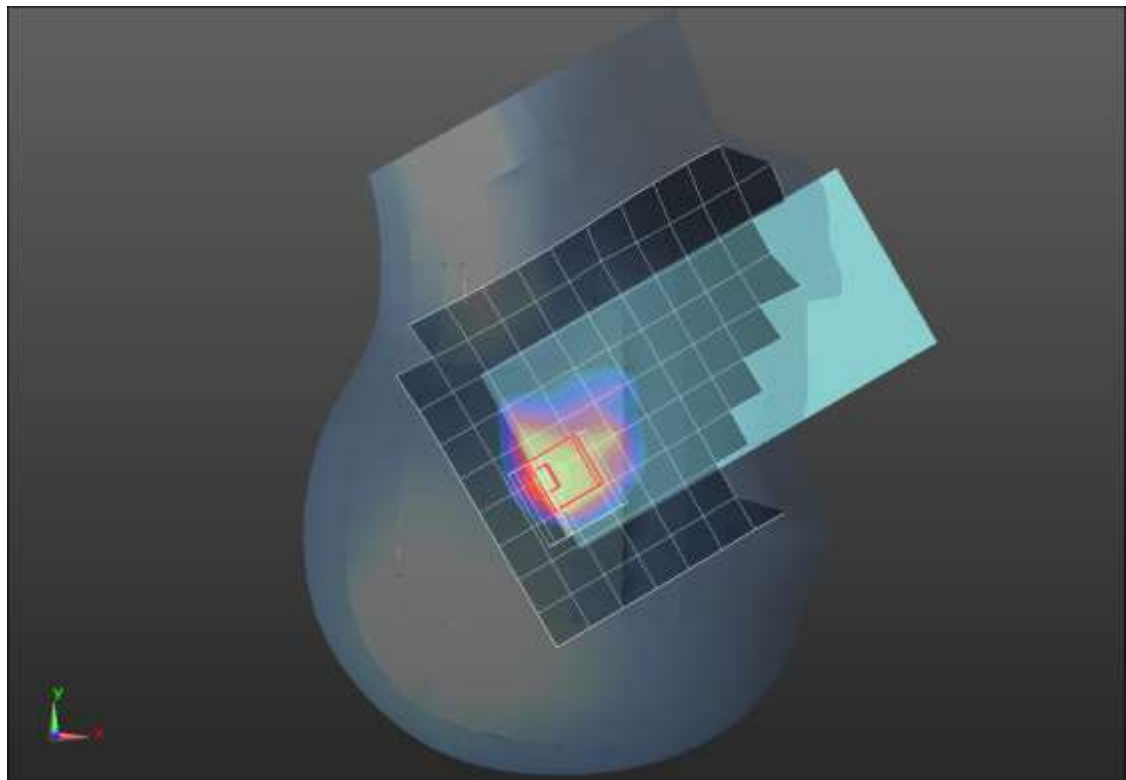
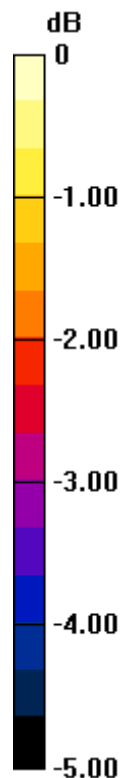
Reference Value = 29.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.446 W/kg**

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

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



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

## LTE Band 14 ANT 2

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 43.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 1,25 Ch 23330/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/QPSK RB 1,25 Ch 23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

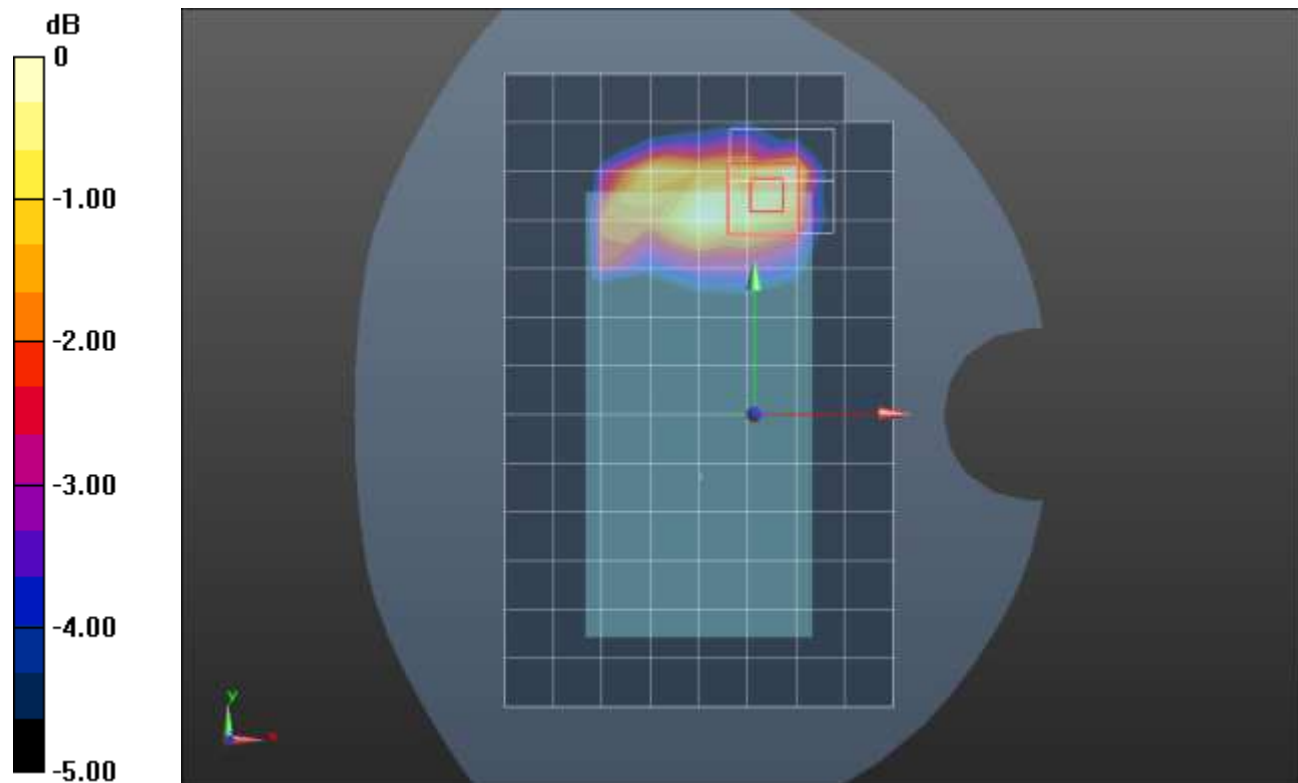
Reference Value = 32.48 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.480 W/kg**

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

Maximum value of SAR (measured) = 1.15 W/kg



## LTE Band 25 ANT 1

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 40.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.43, 8.43, 8.43) @ 1882.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1,49 Ch 26365/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.418 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

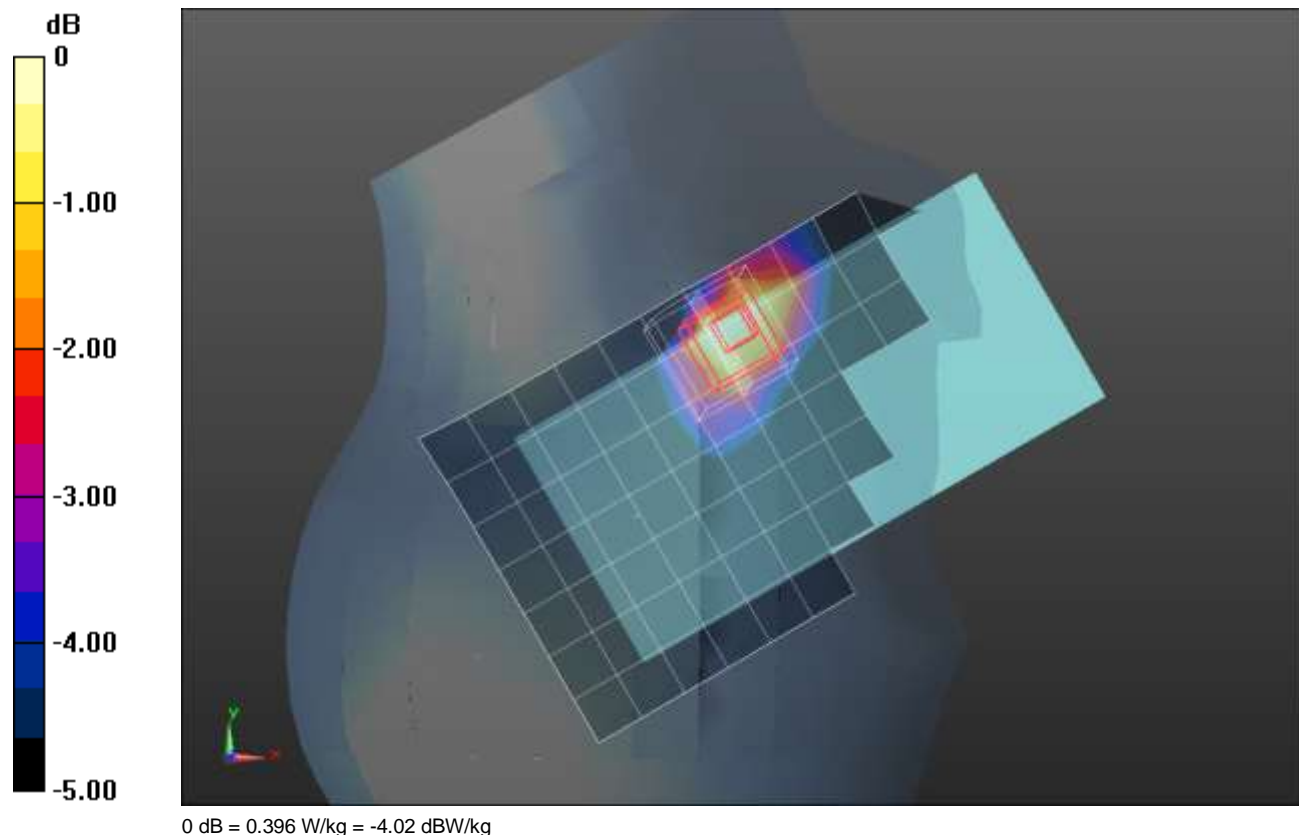
Reference Value = 15.23 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.472 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.191 W/kg**

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

Maximum value of SAR (measured) = 0.396 W/kg



## LTE Band 25 ANT 1

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 38.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1860 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/QPSK RB 50,24 Ch 26140/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.43 W/kg

**Rear/QPSK RB 50,24 Ch 26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.96 V/m; Power Drift = -0.02 dB

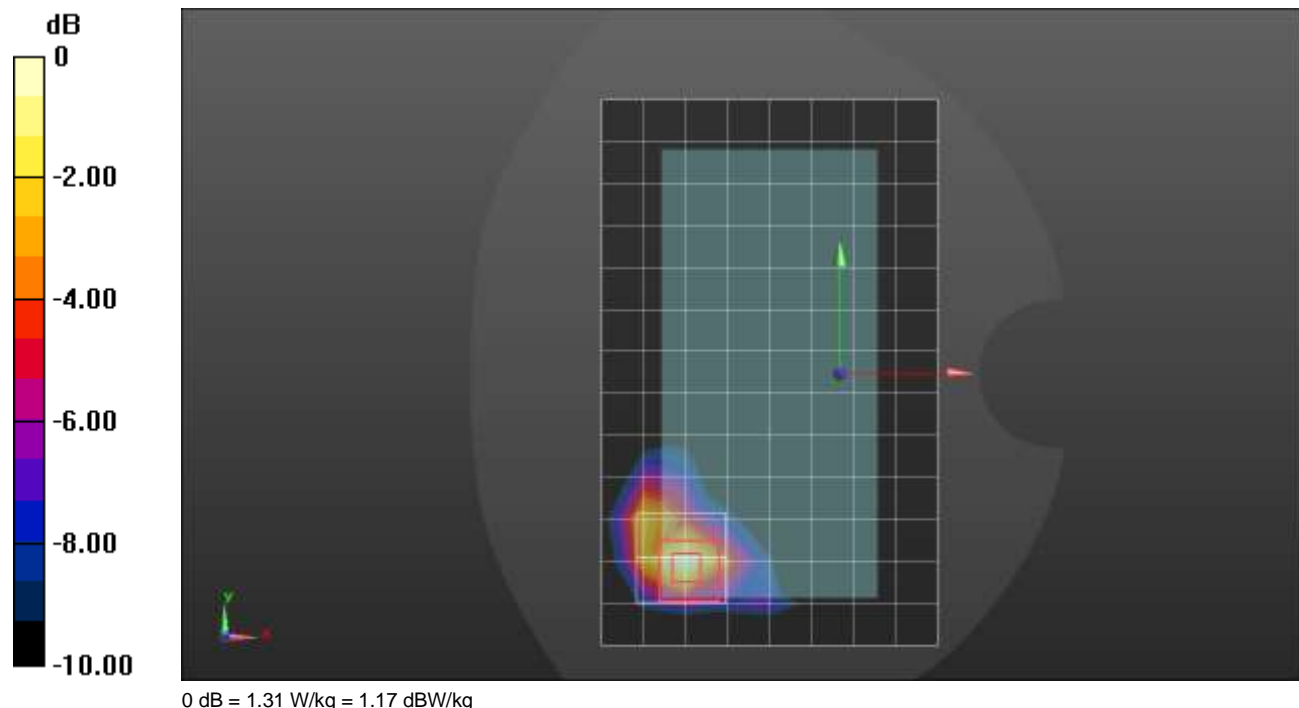
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.348 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 39.2%

Maximum value of SAR (measured) = 1.31 W/kg





## LTE Band 25 ANT 2

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.45$  S/m;  $\epsilon_r = 38.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1905 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_QPSK RB 50,24 Ch 26590/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.43 W/kg

**RHS/Touch\_QPSK RB 50,24 Ch 26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.72 V/m; Power Drift = -0.05 dB

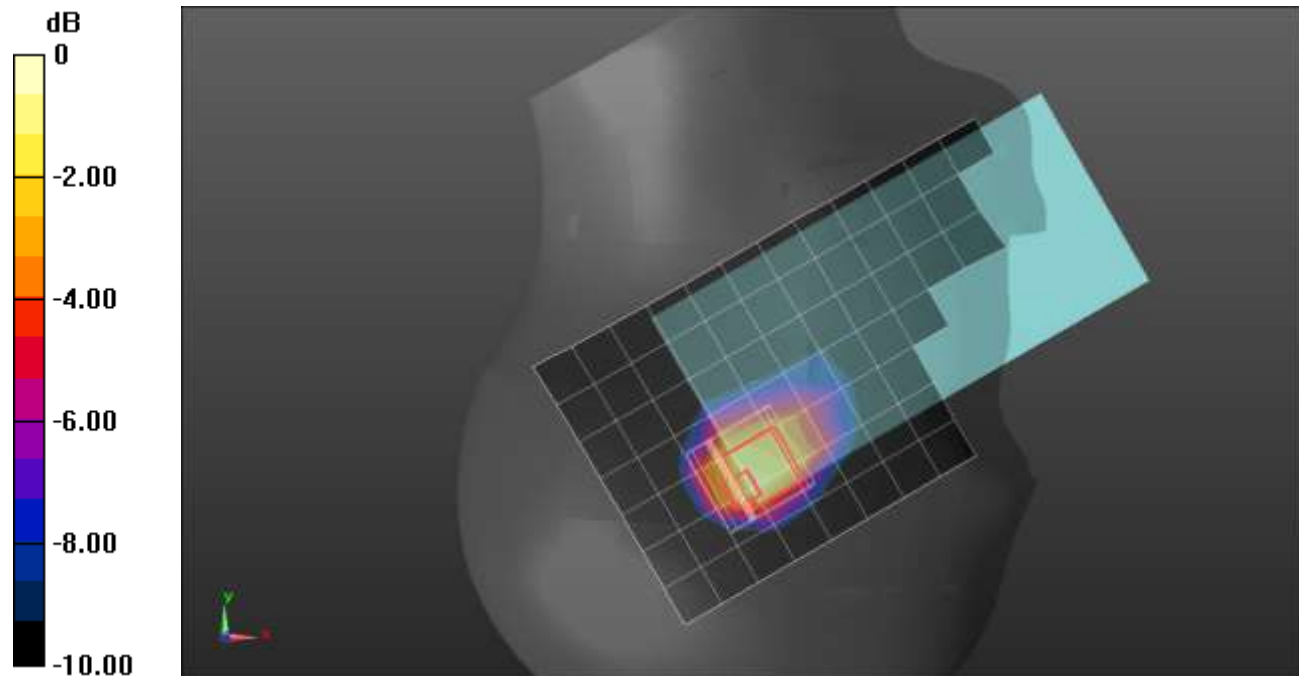
Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.488 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 35.2%

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



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



## LTE Band 25 ANT 2

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.434$  S/m;  $\epsilon_r = 38.438$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/QPSK RB 100,0 Ch 26365/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/QPSK RB 100,0 Ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.31 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.15 W/kg

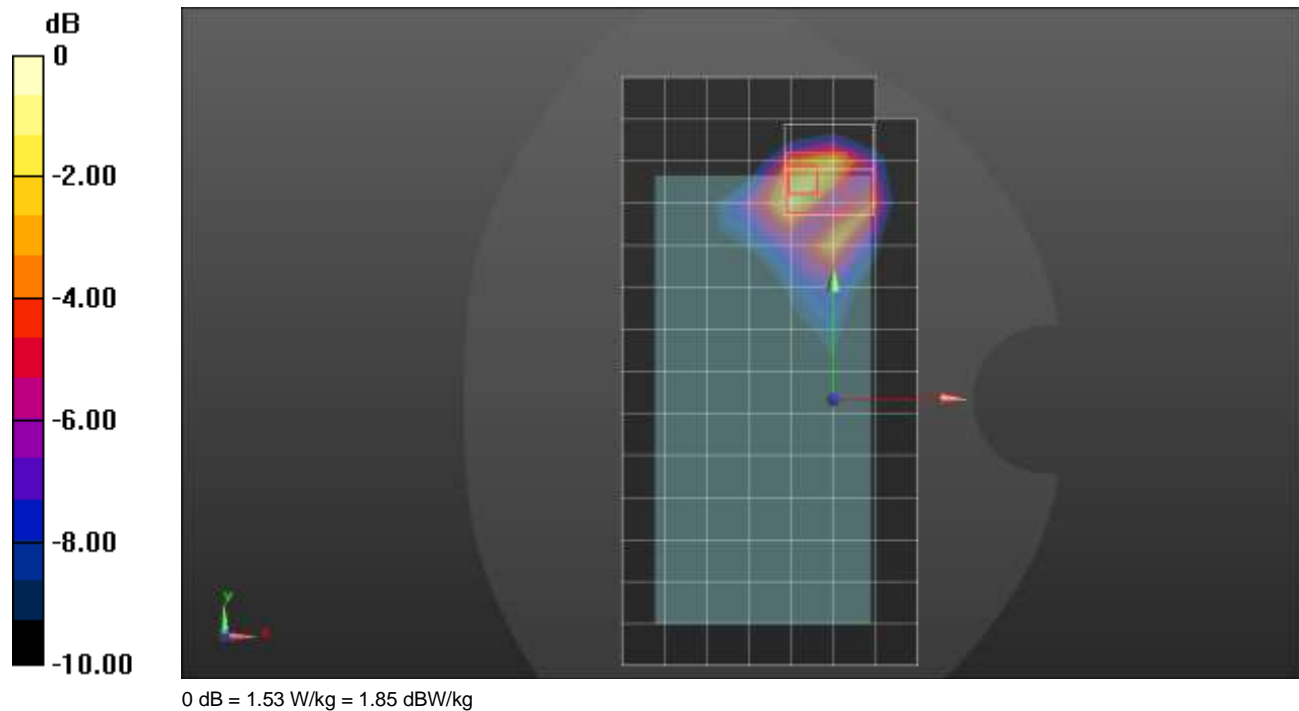
**SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.316 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

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

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



## LTE Band 25 ANT 3

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 40.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.43, 8.43, 8.43) @ 1882.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_QPSK RB 50,24 Ch 26365/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.389 W/kg

**LHS/Touch\_QPSK RB 50,24 Ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.58 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.484 W/kg

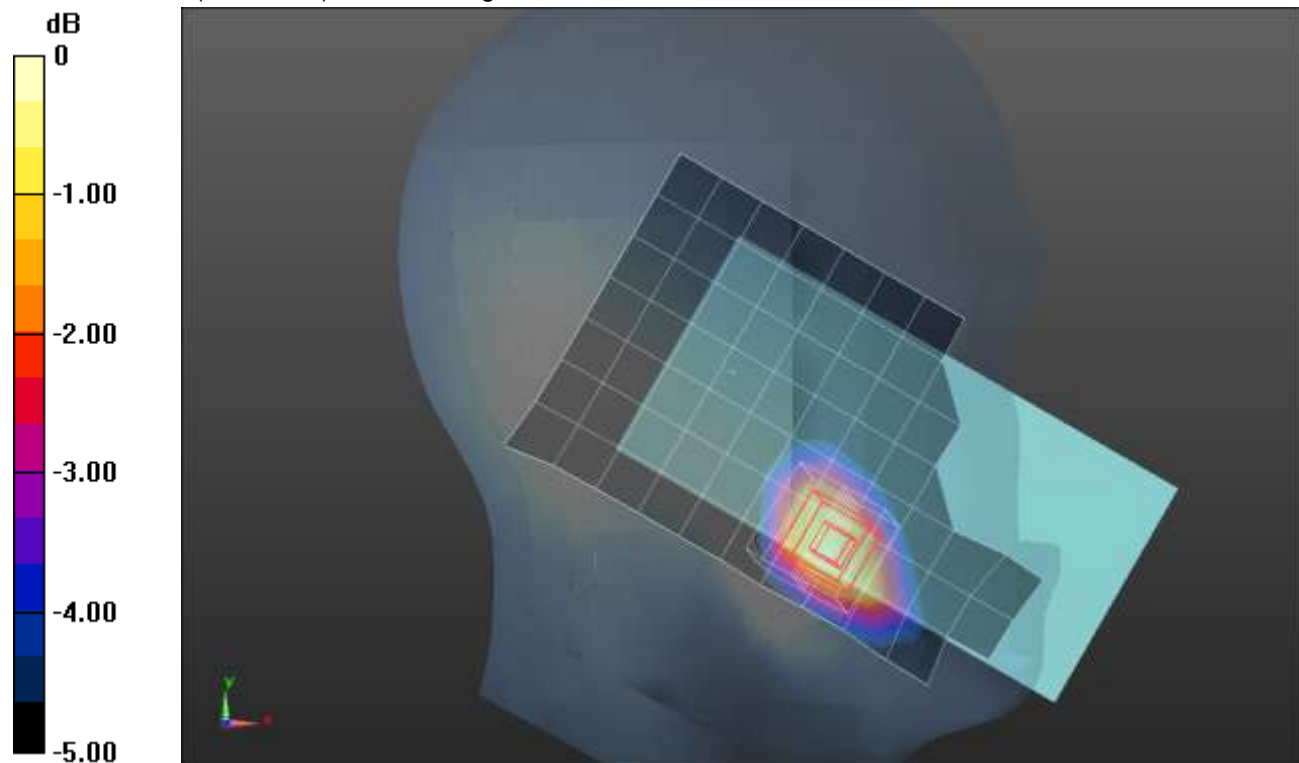
**SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.192 W/kg**

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

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

Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

## LTE Band 25 ANT 3

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.373$  S/m;  $\epsilon_r = 39.099$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/QPSK RB 50,24 Ch 26365/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.753 W/kg

**Rear/QPSK RB 50,24 Ch 26365/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.08 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.03 W/kg

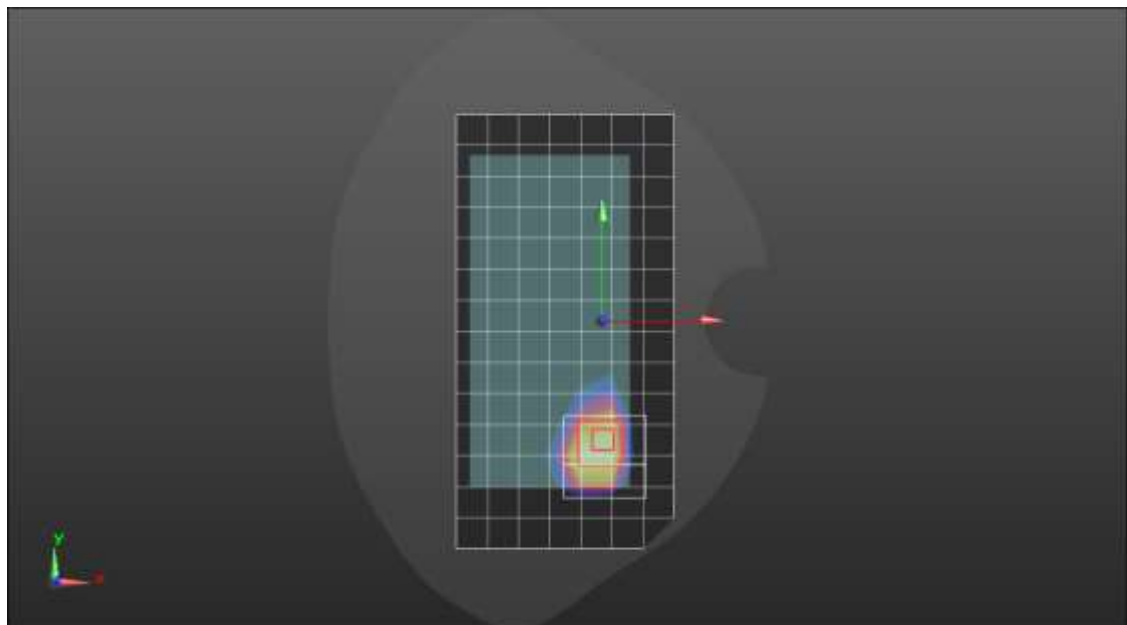
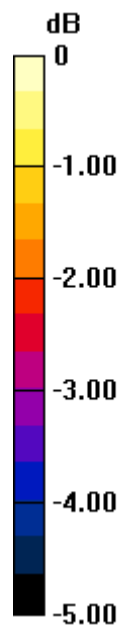
**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.299 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 46.2%

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

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

## LTE Band 25 ANT 3

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 38.452$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1860 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/QPSK RB 50,24 Ch 26140/Area Scan (5x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.893 W/kg

**Edge 4/QPSK RB 50,24 Ch 26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.71 V/m; Power Drift = -0.02 dB

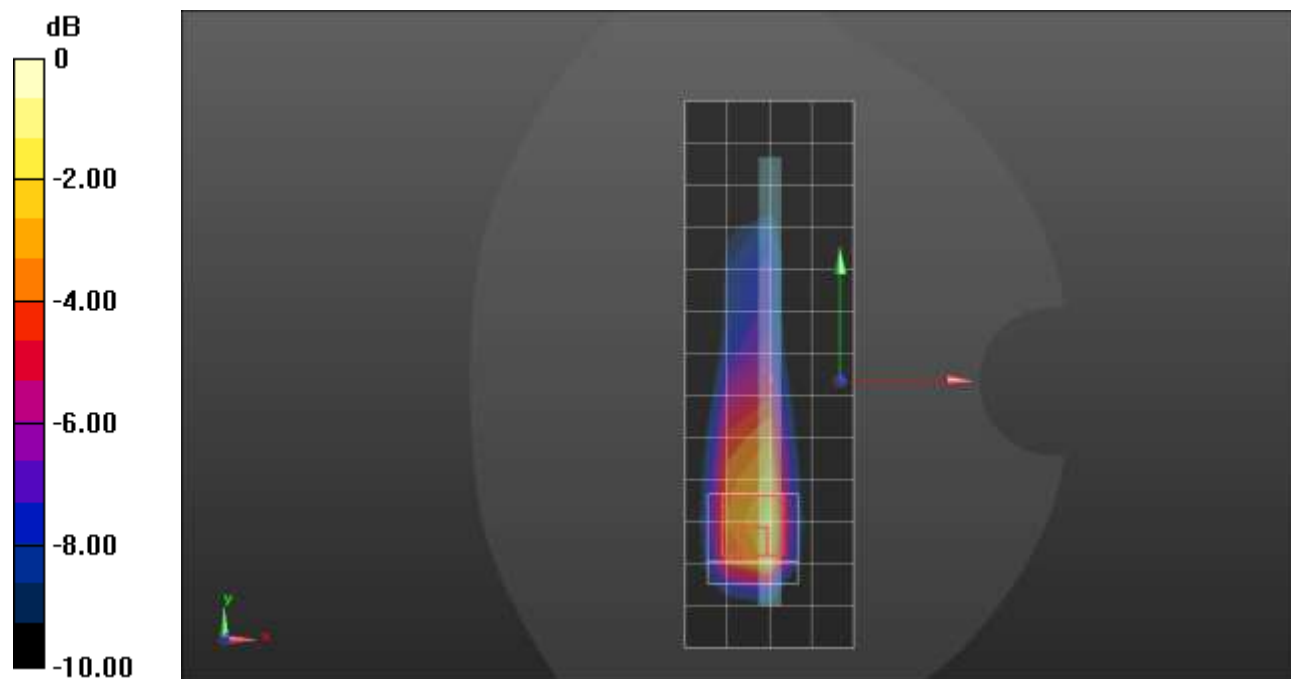
Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.390 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 42.9%

Maximum value of SAR (measured) = 1.31 W/kg



## LTE Band 25 ANT 4

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 38.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1860 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 50,24 Ch 26140/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.976 W/kg

**LHS/Touch\_QPSK RB 50,24 Ch 26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.91 V/m; Power Drift = -0.01 dB

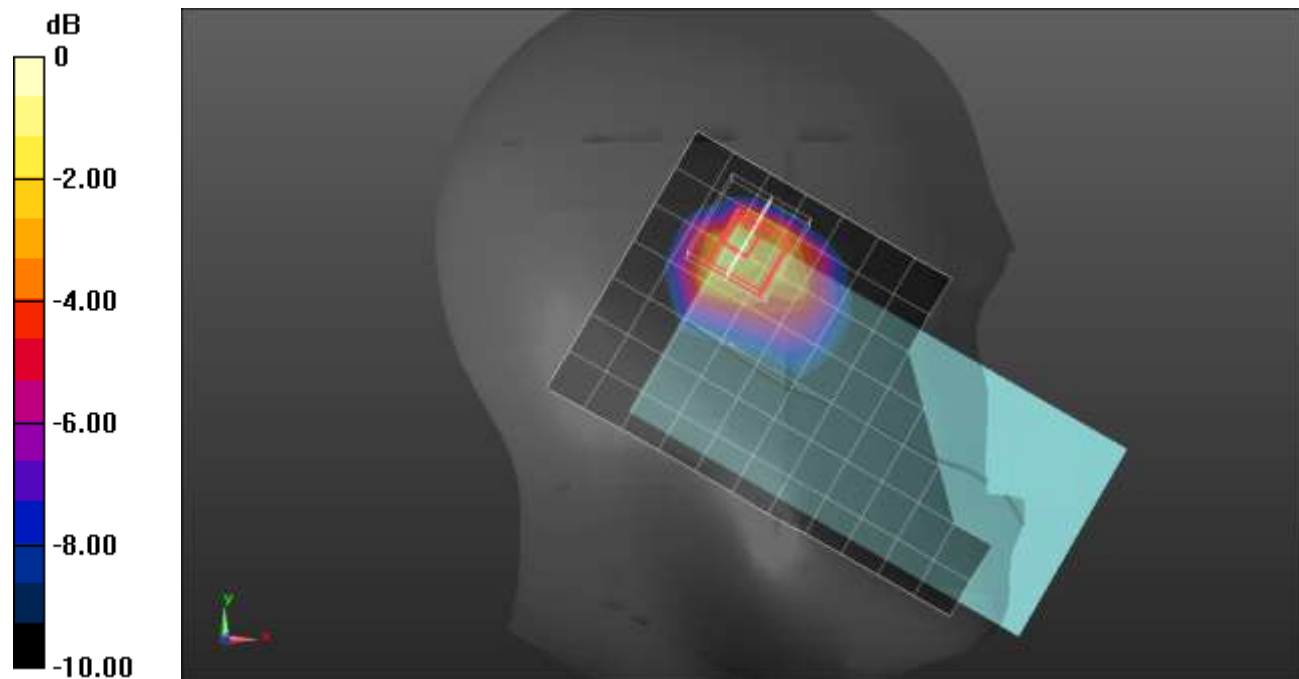
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.392 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

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



## LTE Band 25 ANT 4

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.373$  S/m;  $\epsilon_r = 39.099$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/QPSK RB 50,24 Ch 26365/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.12 W/kg

**Rear/QPSK RB 50,24 Ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.54 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.59 W/kg

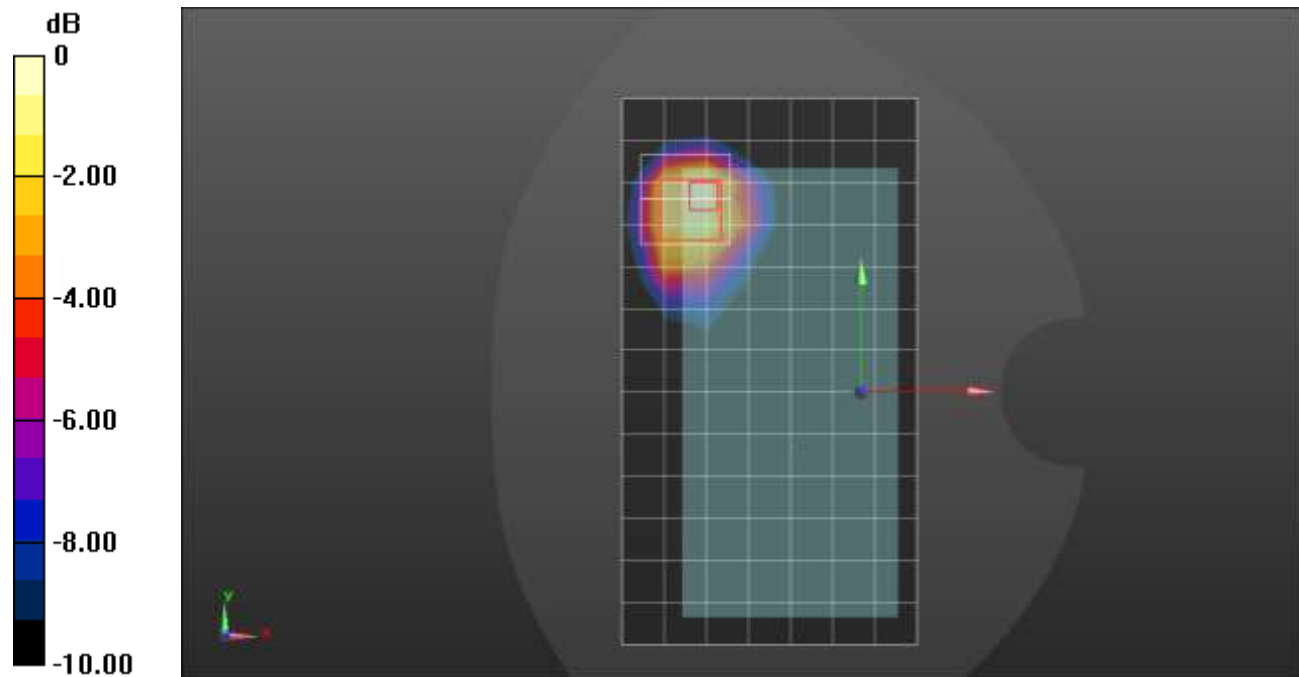
**SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.369 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

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

Maximum value of SAR (measured) = 1.15 W/kg



## LTE Band 25 ANT 4

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.377$  S/m;  $\epsilon_r = 38.869$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 2/QPSK RB 100,0 Ch 26365/Area Scan (5x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.717 W/kg

**Edge 2/QPSK RB 100,0 Ch 26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.32 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.56 W/kg

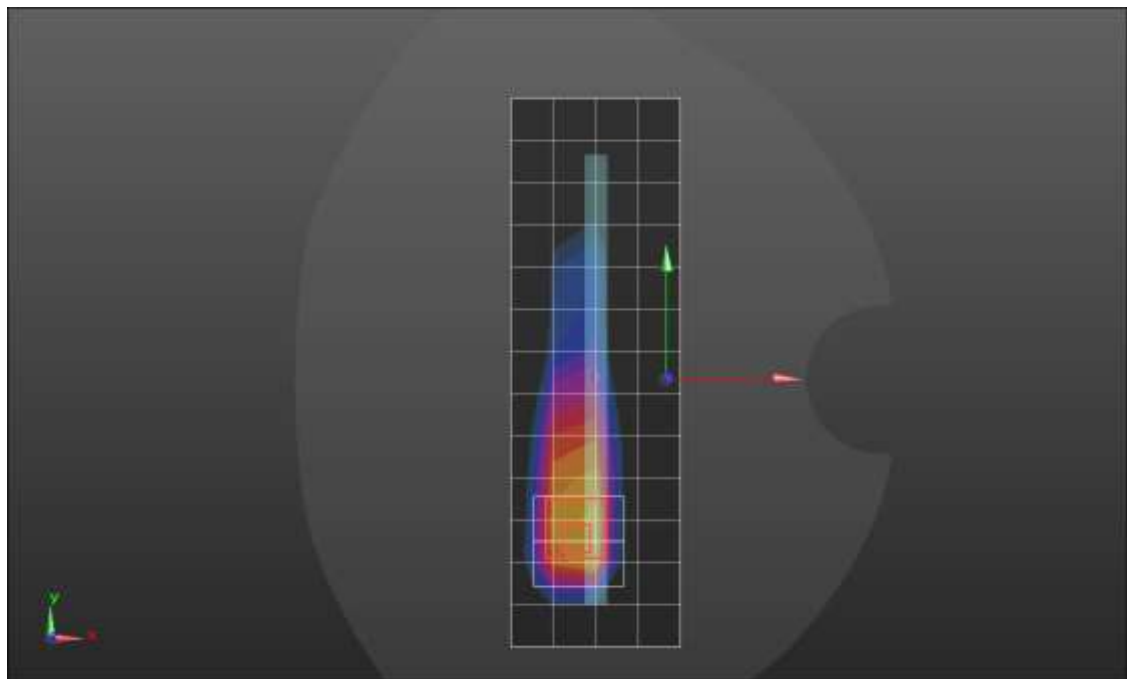
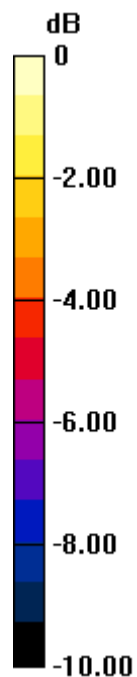
**SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.361 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

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

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



0 dB = 1.24 W/kg = 0.93 dBW/kg



## LTE Band 26 ANT 1

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 41.059$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**RHS/Touch\_QPSK RB 1,25 Ch 26865/Area Scan (10x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.273 W/kg

**RHS/Touch\_QPSK RB 1,25 Ch 26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

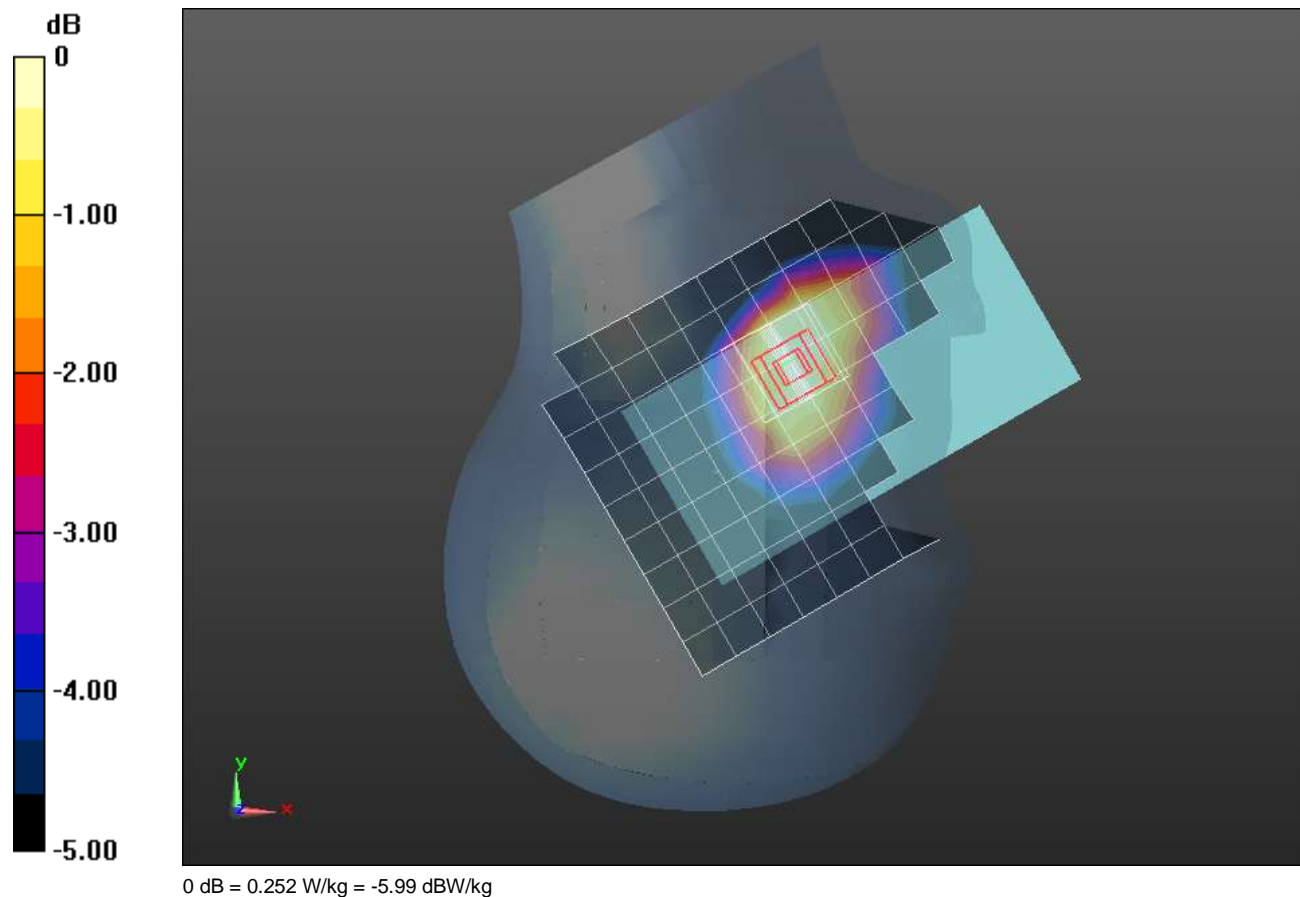
Reference Value = 17.21 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.280 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.157 W/kg**

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

Maximum value of SAR (measured) = 0.252 W/kg



## LTE Band 26 ANT 1

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 40.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 2048

**Rear/QPSK RB 25,12 Ch 26865/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.15 W/kg

**Rear/QPSK RB 25,12 Ch 26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

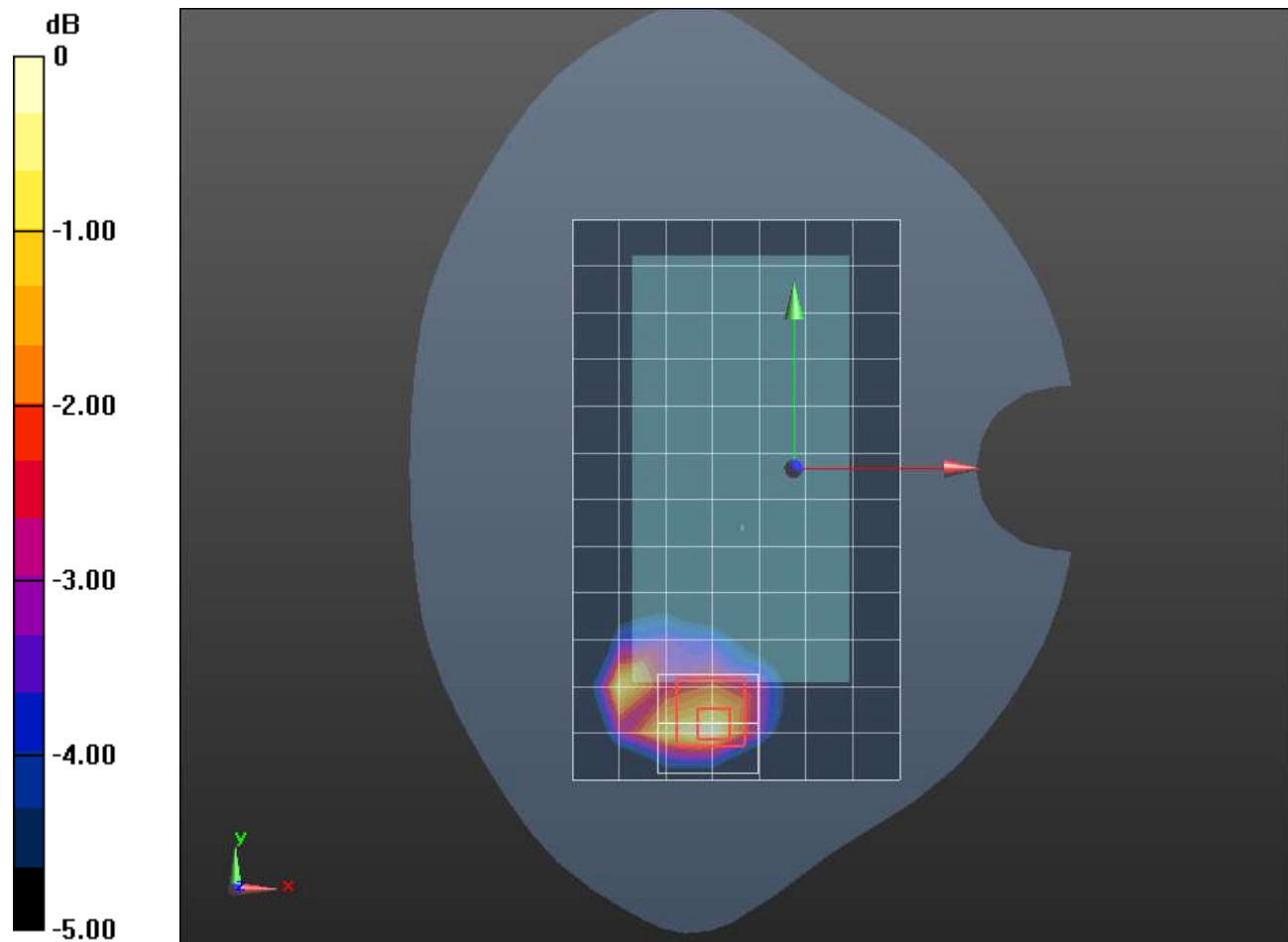
Reference Value = 31.83 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.380 W/kg**

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

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

## LTE Band 26 ANT 2

Frequency: 819 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 819$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 40.635$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 819 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_QPSK RB 25,12 Ch 26740/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**RHS/Touch\_QPSK RB 25,12 Ch 26740/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.67 W/kg

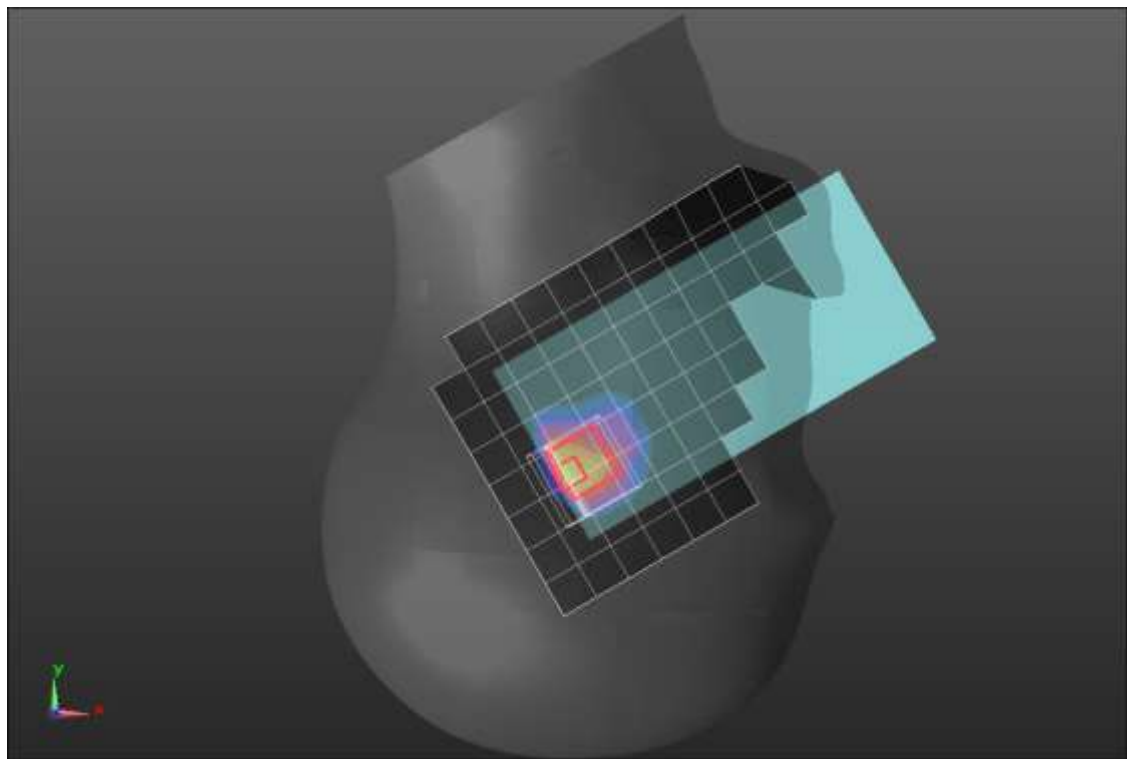
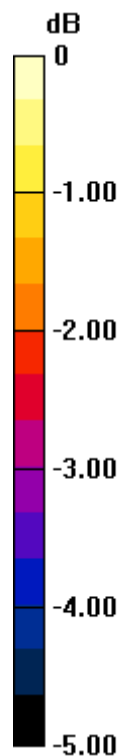
**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.503 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

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

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

## LTE Band 26 ANT 2

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 40.425$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 831.5 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/QPSK RB 1,25 Ch 26865/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.00 W/kg

**Rear/QPSK RB 1,25 Ch 26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.74 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.30 W/kg

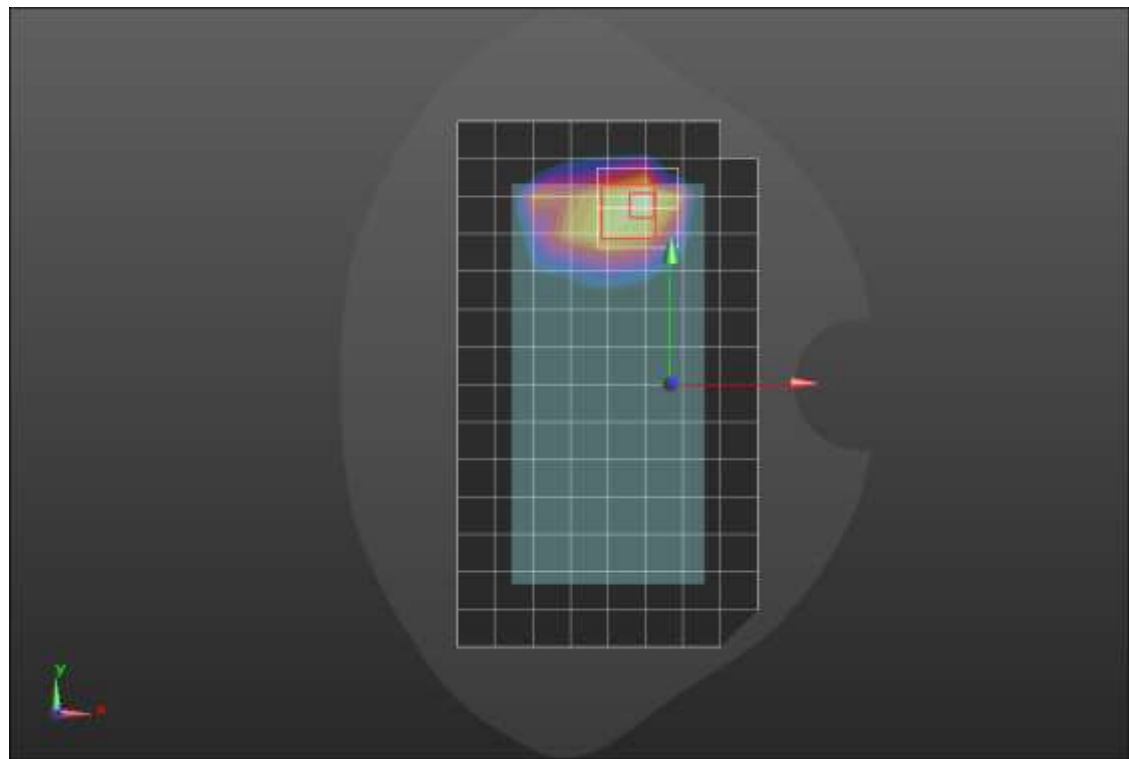
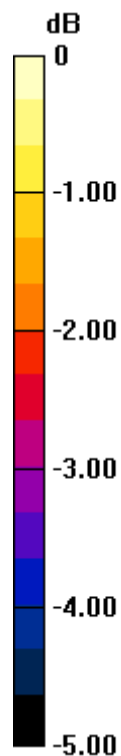
**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.469 W/kg**

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

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

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



0 dB = 1.02 W/kg = 0.09 dBW/kg

## LTE Band 30 ANT 1

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.619$  S/m;  $\epsilon_r = 37.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_QPSK RB 1,25 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.452 W/kg

**RHS/Touch\_QPSK RB 1,25 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.63 V/m; Power Drift = 0.19 dB

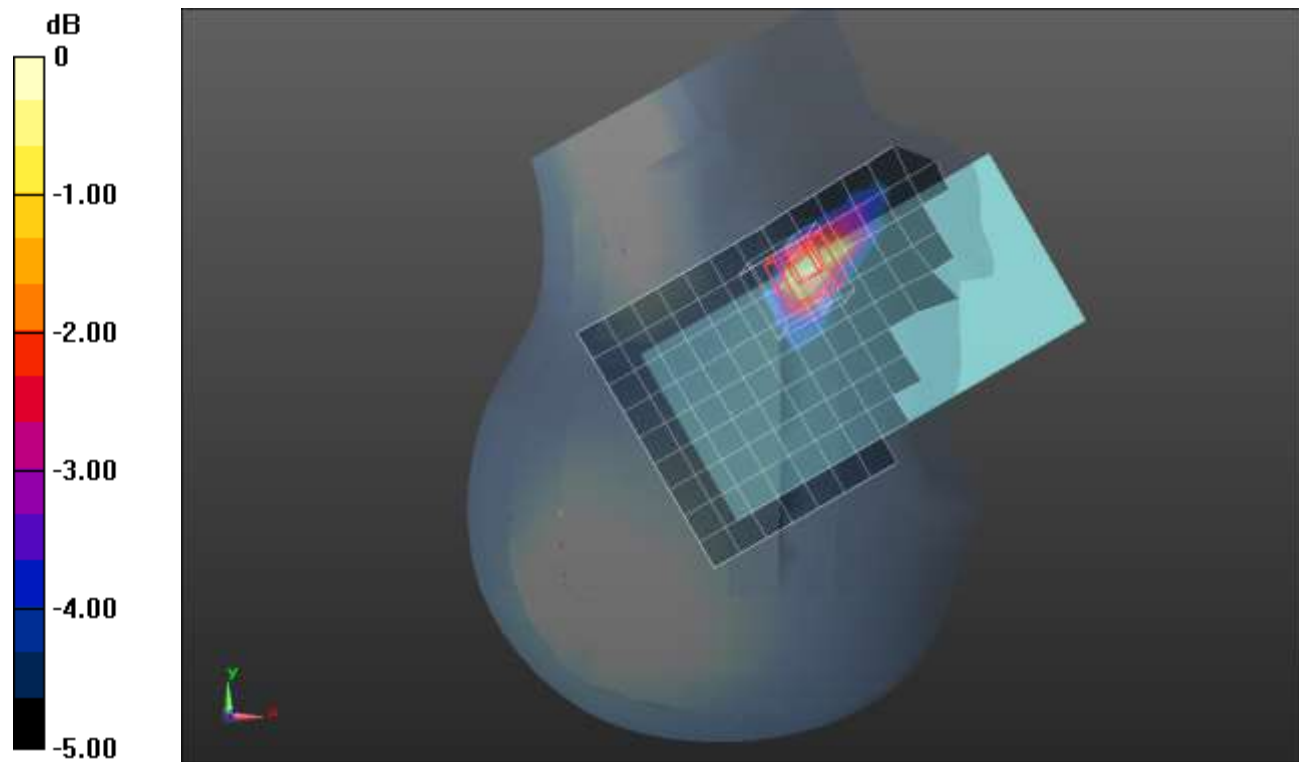
Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.183 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.503 W/kg



## LTE Band 30 ANT 1

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.623$  S/m;  $\epsilon_r = 37.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/QPSK RB 25,12 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.776 W/kg

**Rear/QPSK RB 25,12 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.59 V/m; Power Drift = -0.14 dB

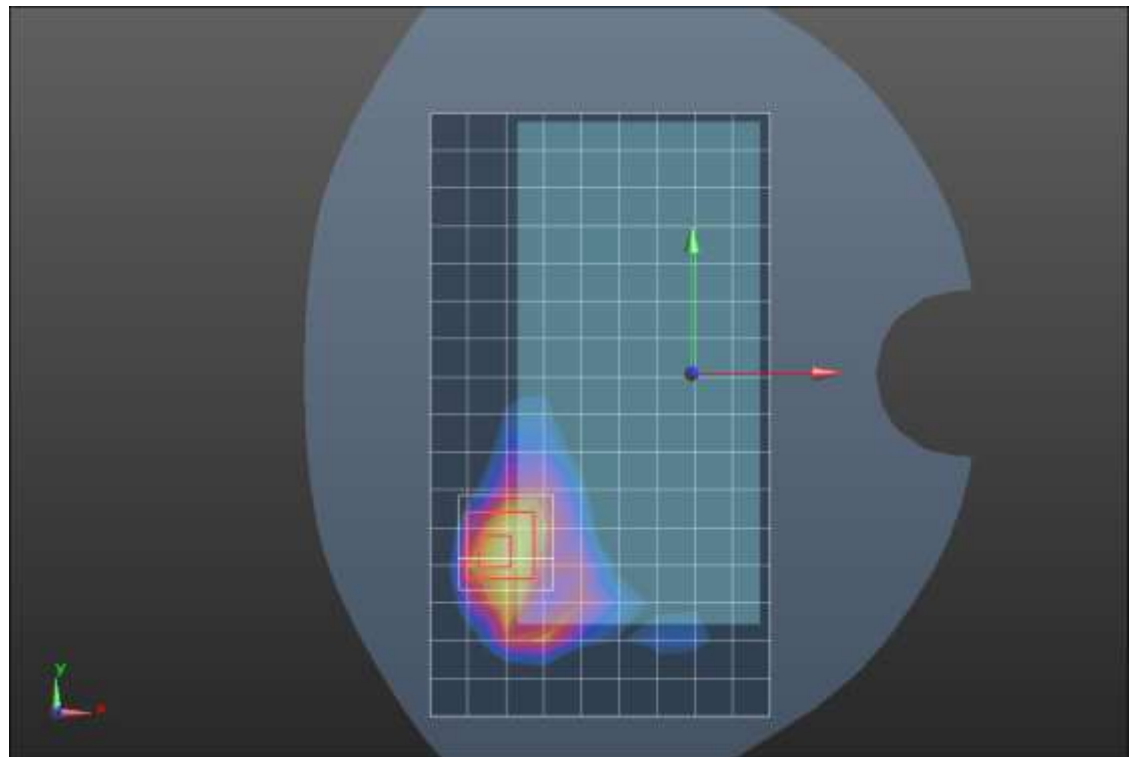
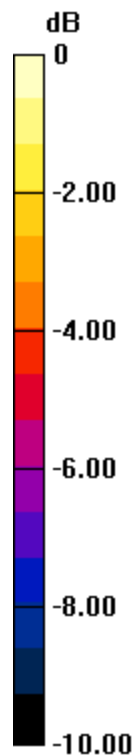
Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.225 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 0.935 W/kg



0 dB = 0.935 W/kg = -0.29 dBW/kg

## LTE Band 30 ANT 1

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.619$  S/m;  $\epsilon_r = 37.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Edge 2/QPSK RB 50, 0 Ch 27710/Area Scan (7x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 1.14 W/kg

**Edge 2/QPSK RB 50, 0 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 30.09 V/m; Power Drift = -0.08 dB

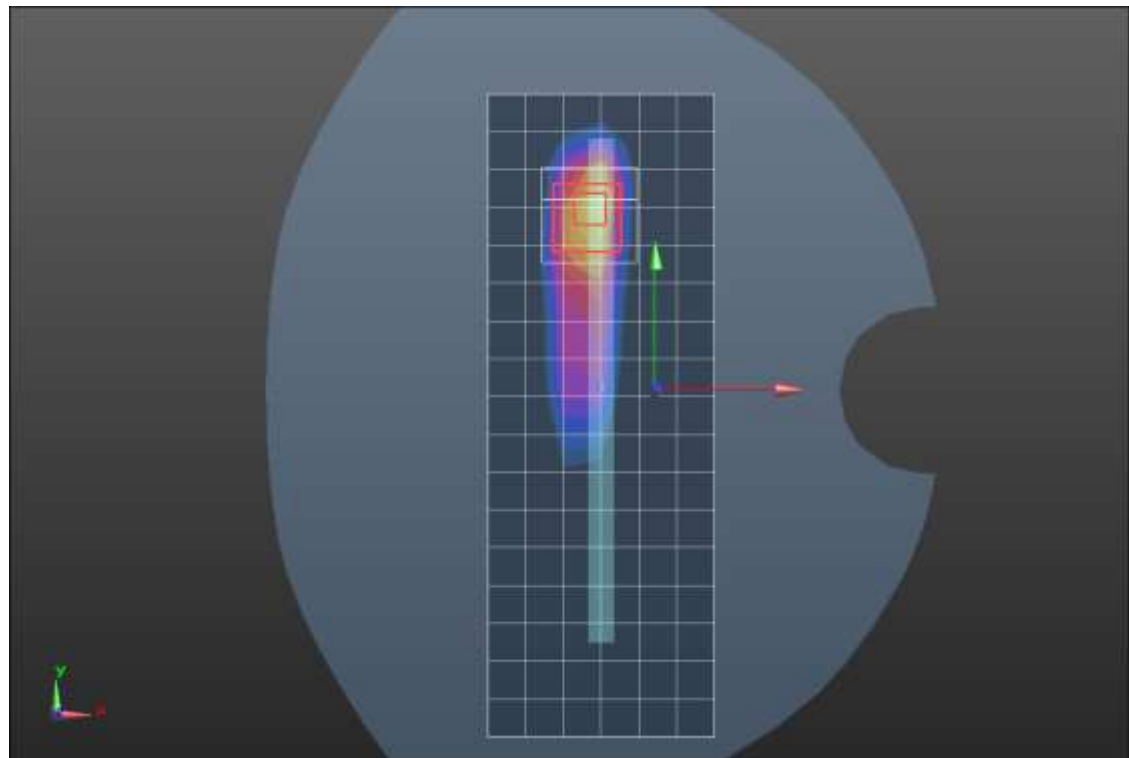
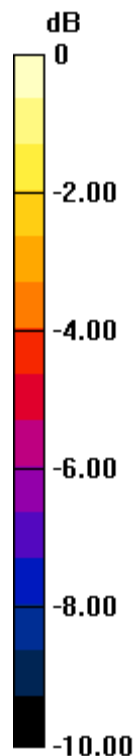
Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.331 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 43.2%

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg



## LTE Band 30 ANT 2

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.656$  S/m;  $\epsilon_r = 38.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_QPSK RB 50,0 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.19 W/kg

**RHS/Touch\_QPSK RB 50,0 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.80 V/m; Power Drift = -0.11 dB

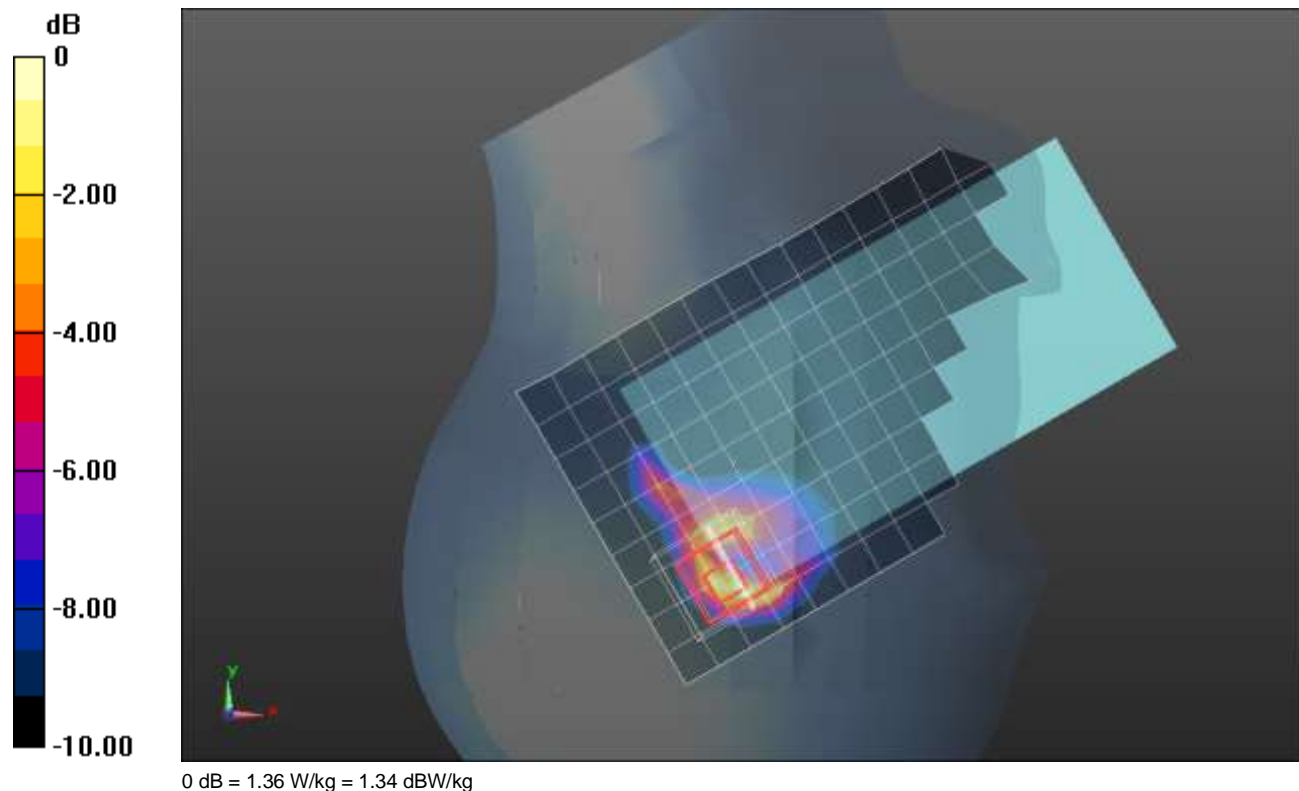
Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.293 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 35.9%

Maximum value of SAR (measured) = 1.36 W/kg



## LTE Band 30 ANT 2

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.656$  S/m;  $\epsilon_r = 38.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/QPSK RB 50,0 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.08 W/kg

**Rear/QPSK RB 50,0 Ch 27710/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.58 V/m; Power Drift = -0.05 dB

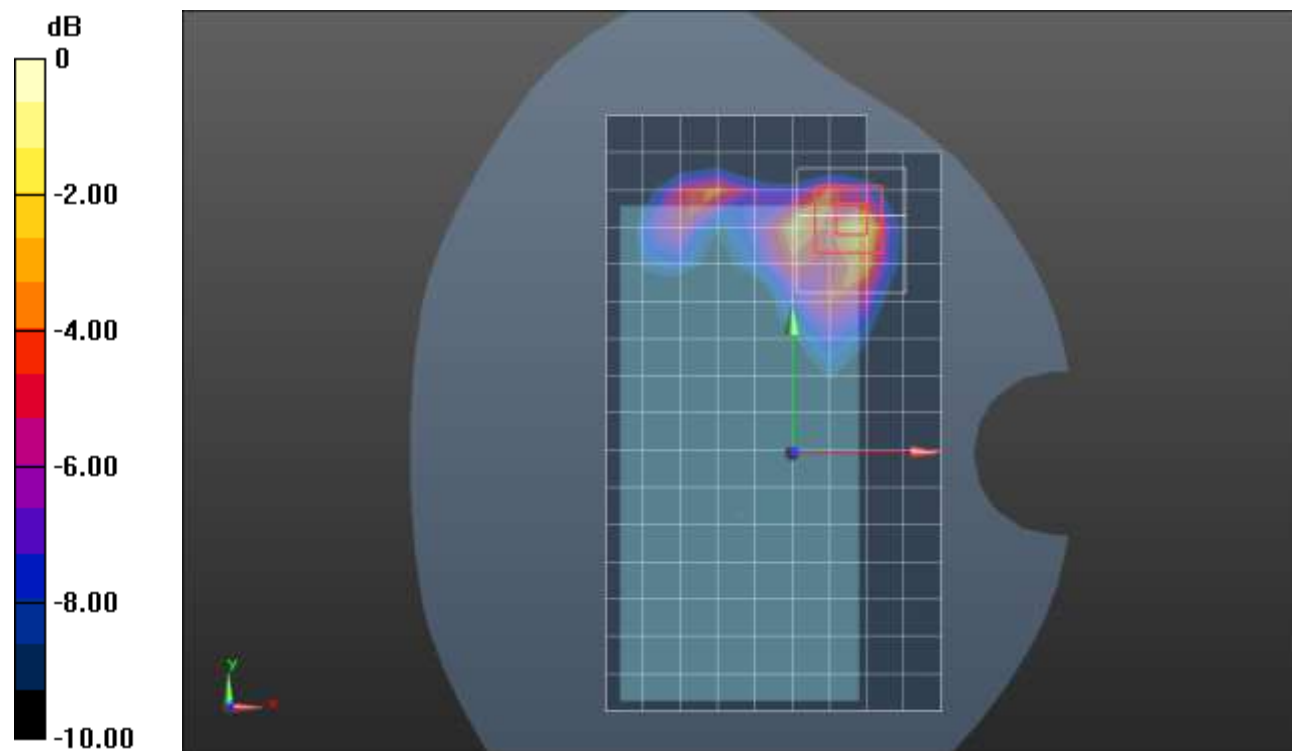
Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.298 W/kg**

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 41.6%

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



## LTE Band 30 ANT 3

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.656$  S/m;  $\epsilon_r = 38.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**LHS/Touch\_QPSK RB 25,12 Ch 27710/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.628 W/kg

**LHS/Touch\_QPSK RB 25,12 Ch 27710/Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.98 V/m; Power Drift = 0.03 dB

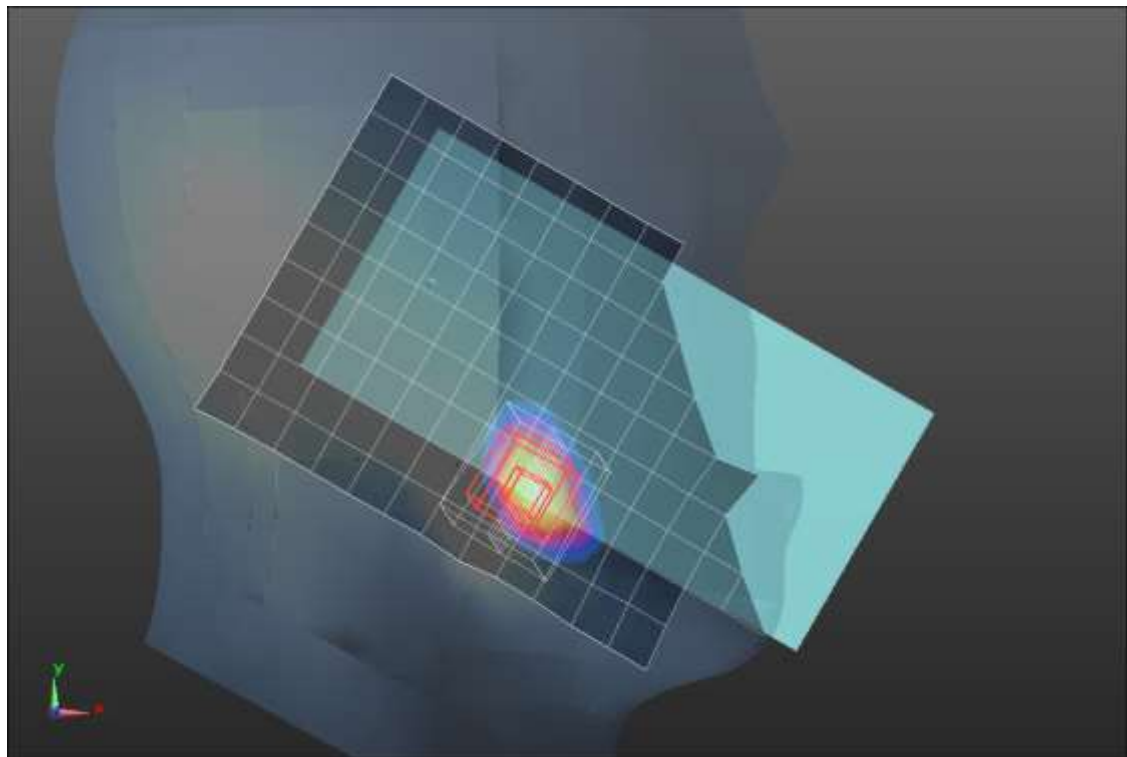
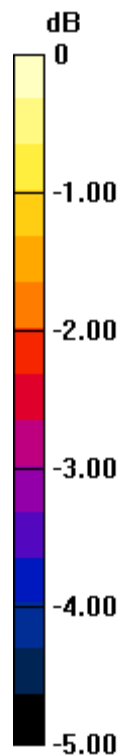
Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.223 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 0.632 W/kg



0 dB = 0.632 W/kg = -1.99 dBW/kg

## LTE Band 30 ANT 3

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.744$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/QPSK RB 25,12 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.996 W/kg

**Rear/QPSK RB 25,12 Ch 27710/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.64 V/m; Power Drift = -0.00 dB

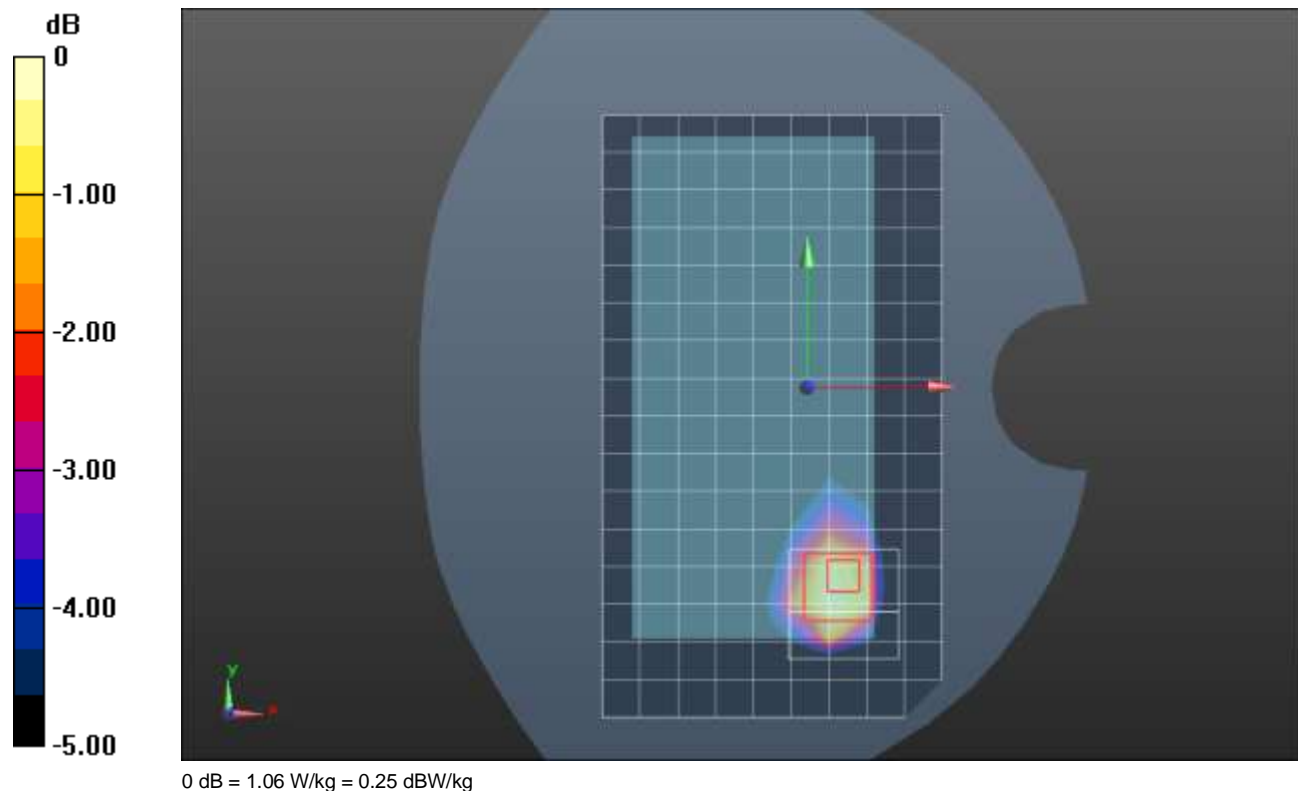
Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.362 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

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



## LTE Band 30 ANT 3

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.619$  S/m;  $\epsilon_r = 37.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Edge 4/QPSK RB 25,12 Ch 27710/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.909 W/kg

**Edge 4/QPSK RB 25,12 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.64 V/m; Power Drift = -0.04 dB

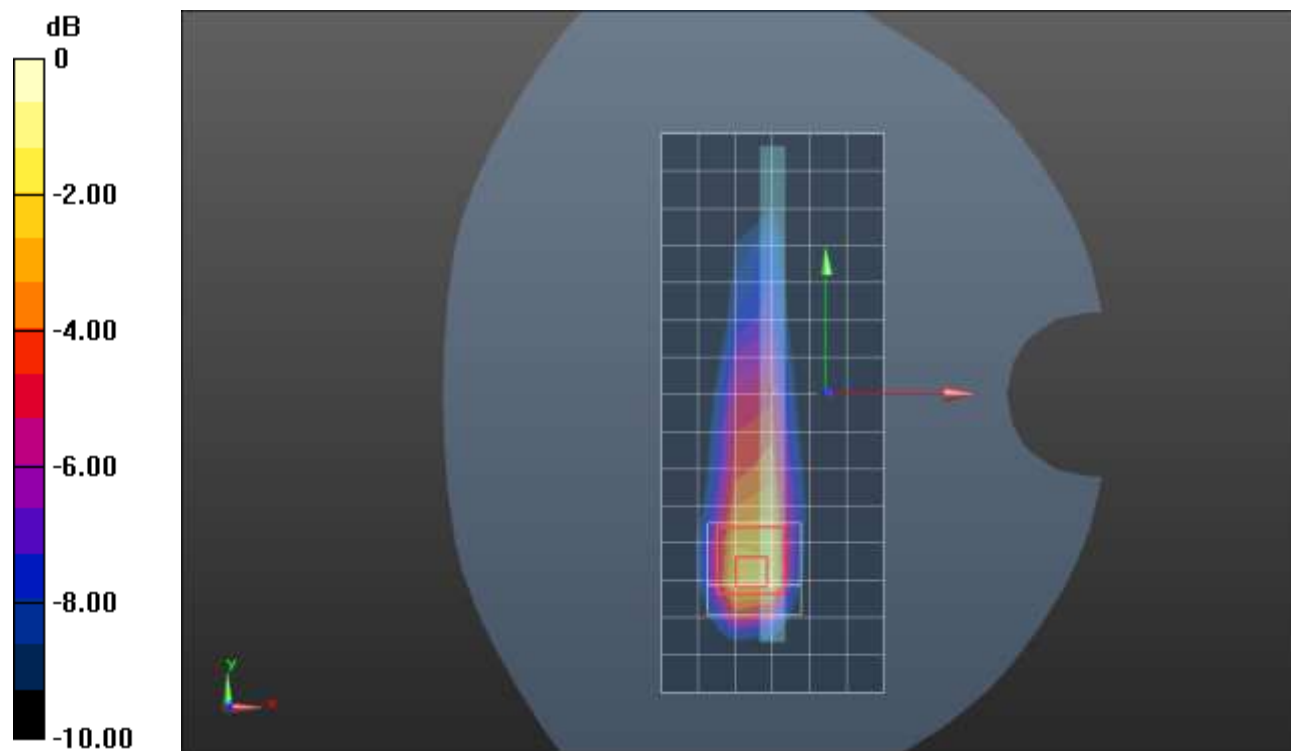
Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.339 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 44%

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



## LTE Band 30 ANT 4

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.75$  S/m;  $\epsilon_r = 37.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**LHS/Touch\_QPSK RB 50,0 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.14 W/kg

**LHS/Touch\_QPSK RB 50,0 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.38 V/m; Power Drift = -0.07 dB

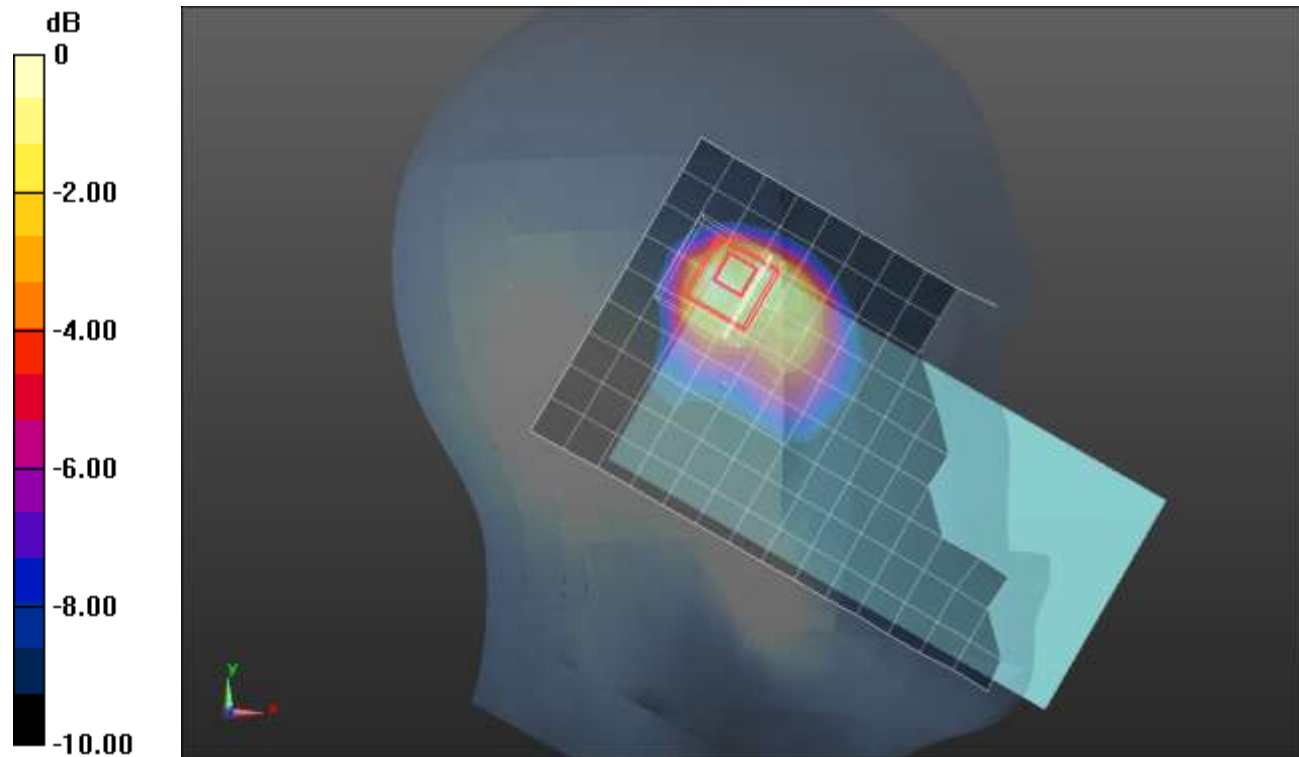
Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.367 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

## LTE Band 30 ANT 4

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.75$  S/m;  $\epsilon_r = 37.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/QPSK RB 50,0 Ch 27710/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.09 W/kg

**Rear/QPSK RB 50,0 Ch 27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.87 V/m; Power Drift = 0.11 dB

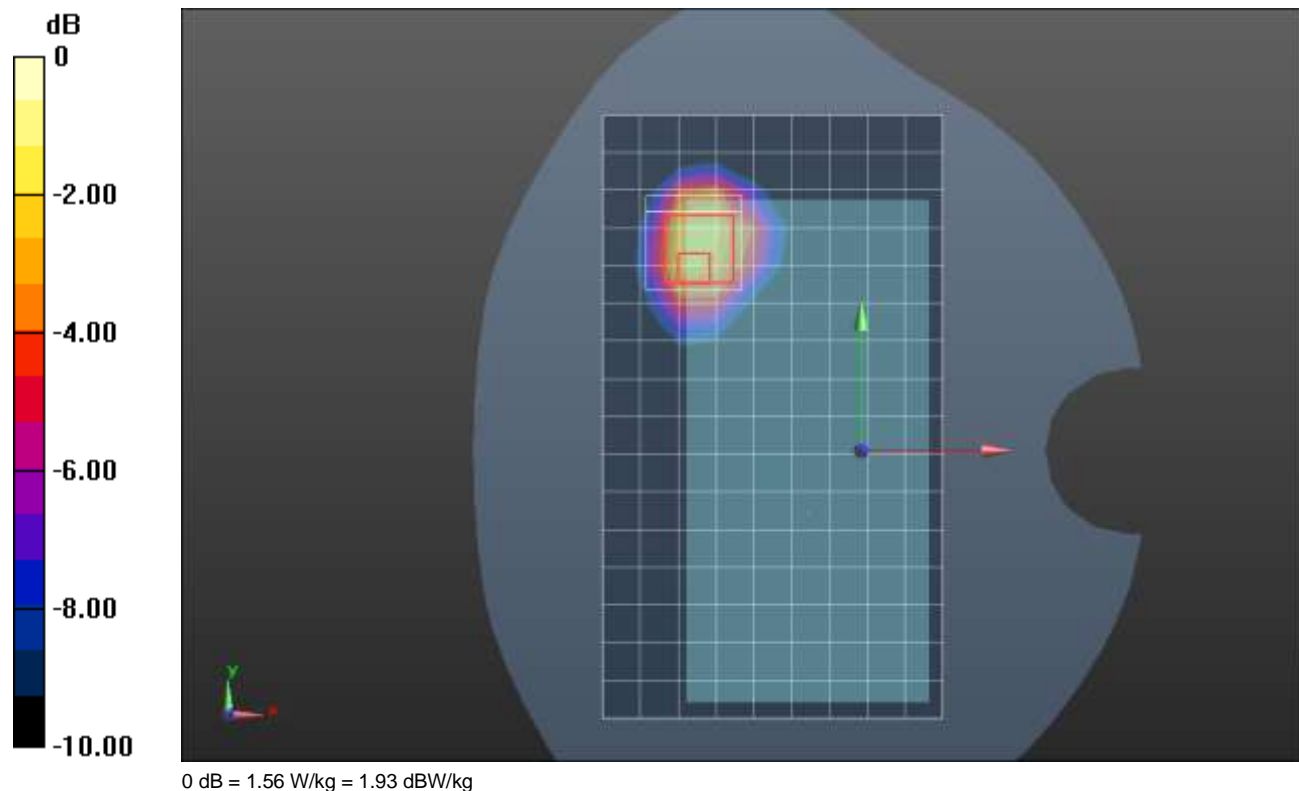
Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.427 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 32.7%

Maximum value of SAR (measured) = 1.56 W/kg





## LTE Band 41 ANT 1

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 39.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(7.62, 7.62, 7.62) @ 2593 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_QPSK RB 1,49 Ch 40620/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.191 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.989 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.268 W/kg

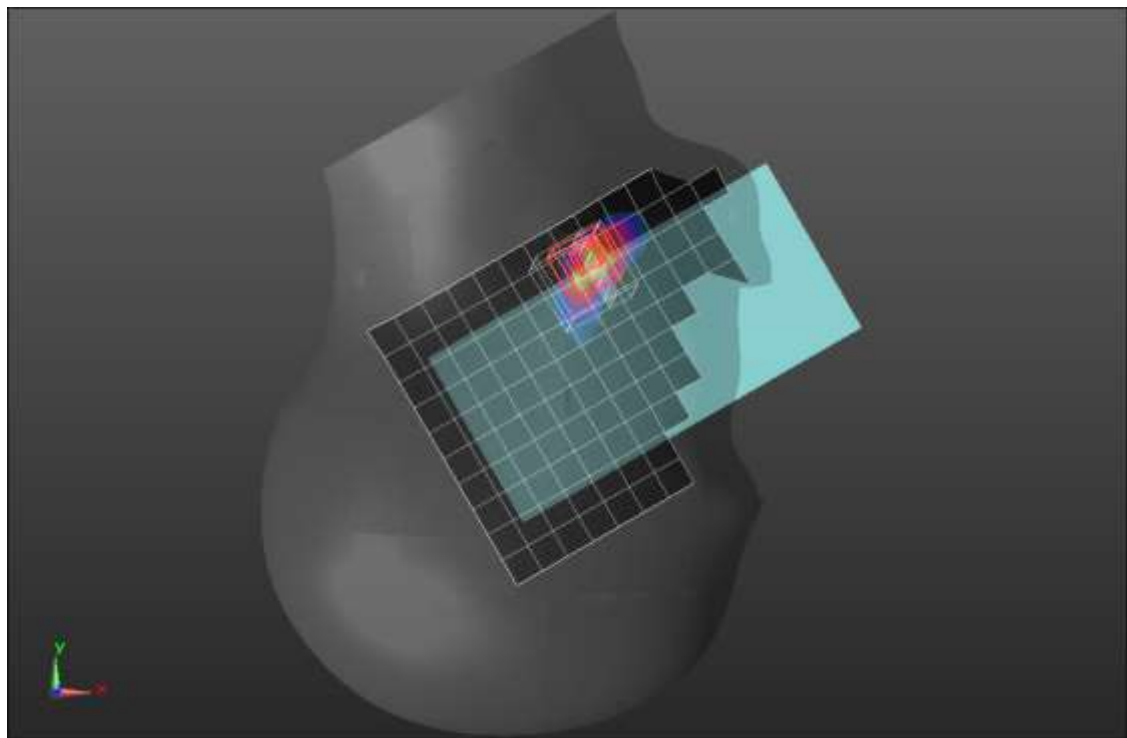
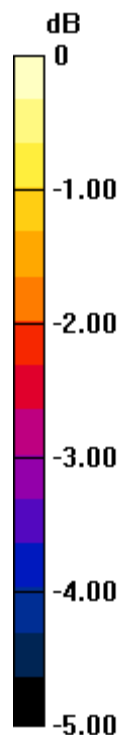
**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.074 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 55%

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

Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg = -6.48 dBW/kg

## LTE Band 41 ANT 1

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 40.633$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2593 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 40620/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.857 W/kg

**Rear/QPSK RB 50,24 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.93 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.33 W/kg

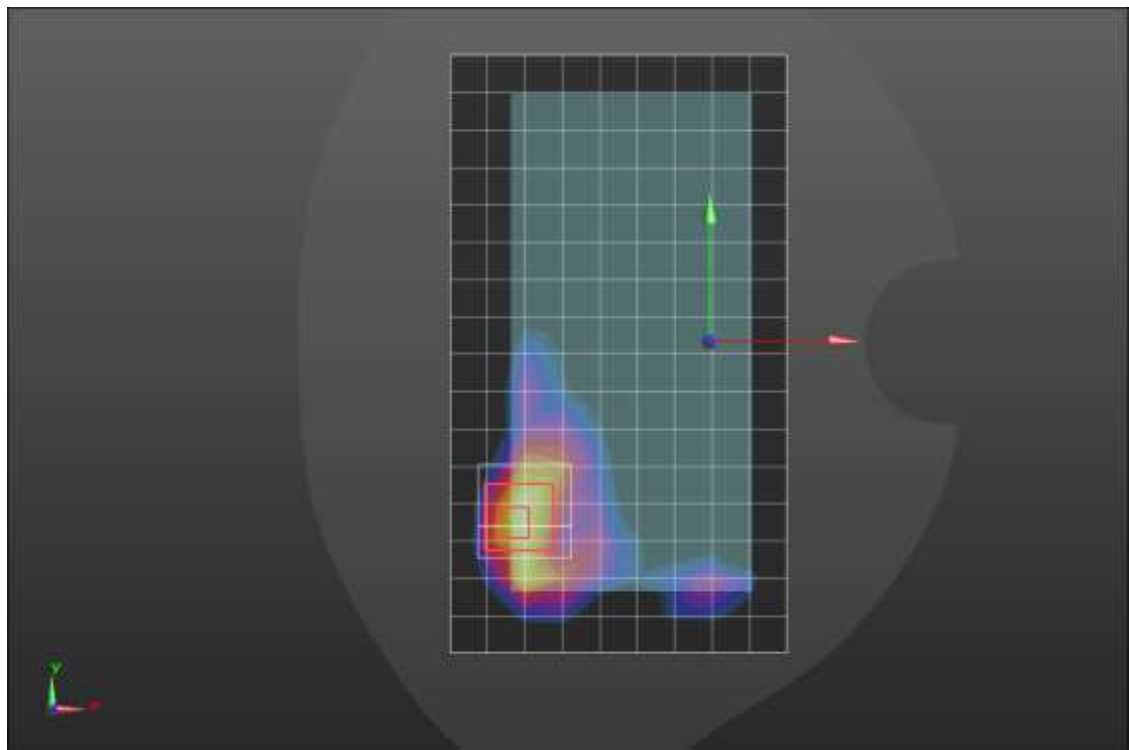
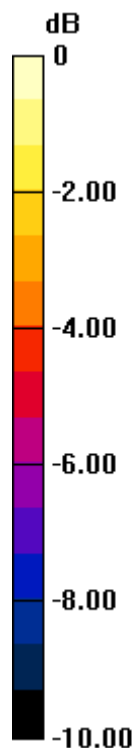
**SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.213 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 40.7%

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

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



0 dB = 0.939 W/kg = -0.27 dBW/kg

## LTE Band 41 ANT 1

Frequency: 2506 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 1.82$  S/m;  $\epsilon_r = 38.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2506 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/QPSK RB 50,24 Ch 39750/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.03 W/kg

**Edge 2/QPSK RB 50,24 Ch 39750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.43 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.03 W/kg

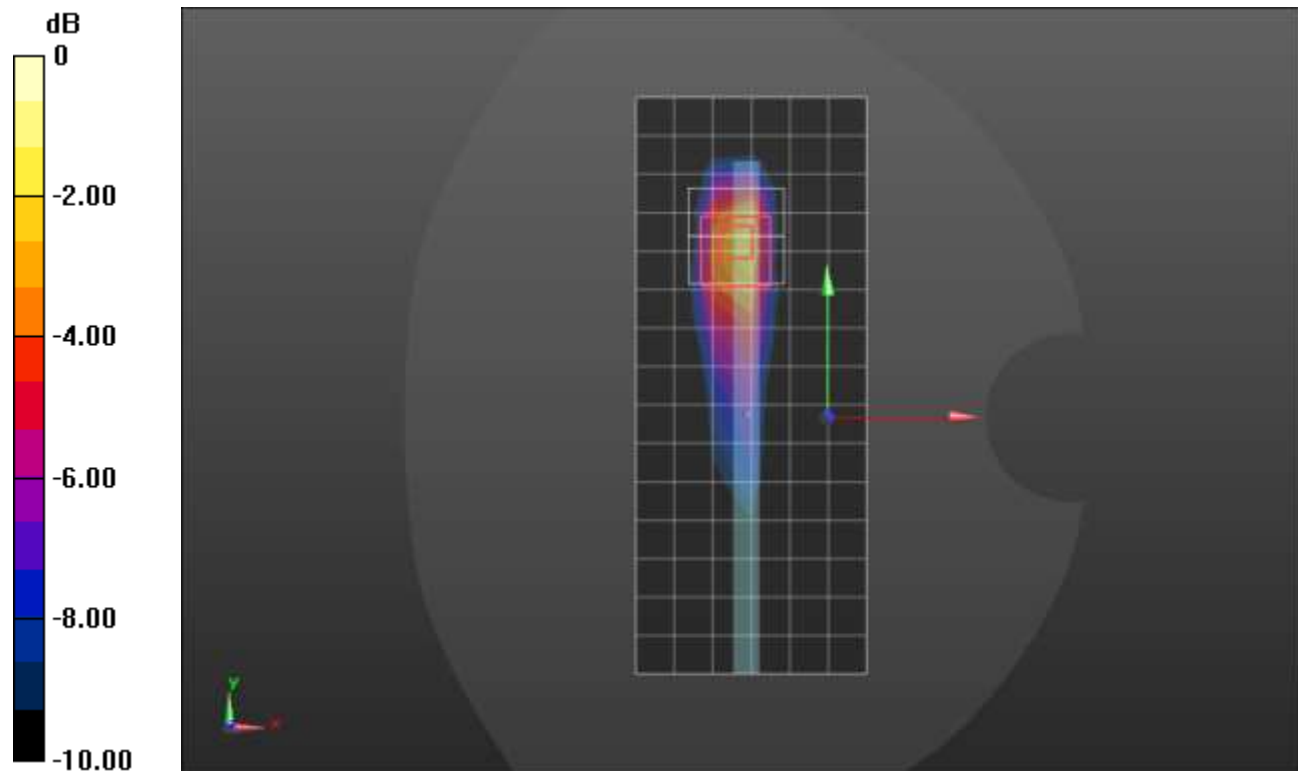
**SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.359 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 44.2%

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

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

## LTE Band 41 ANT 2

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.913$  S/m;  $\epsilon_r = 37.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2593 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 100,0 Ch 40620/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.12 W/kg

**RHS/Touch\_QPSK RB 100,0 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.01 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.05 W/kg

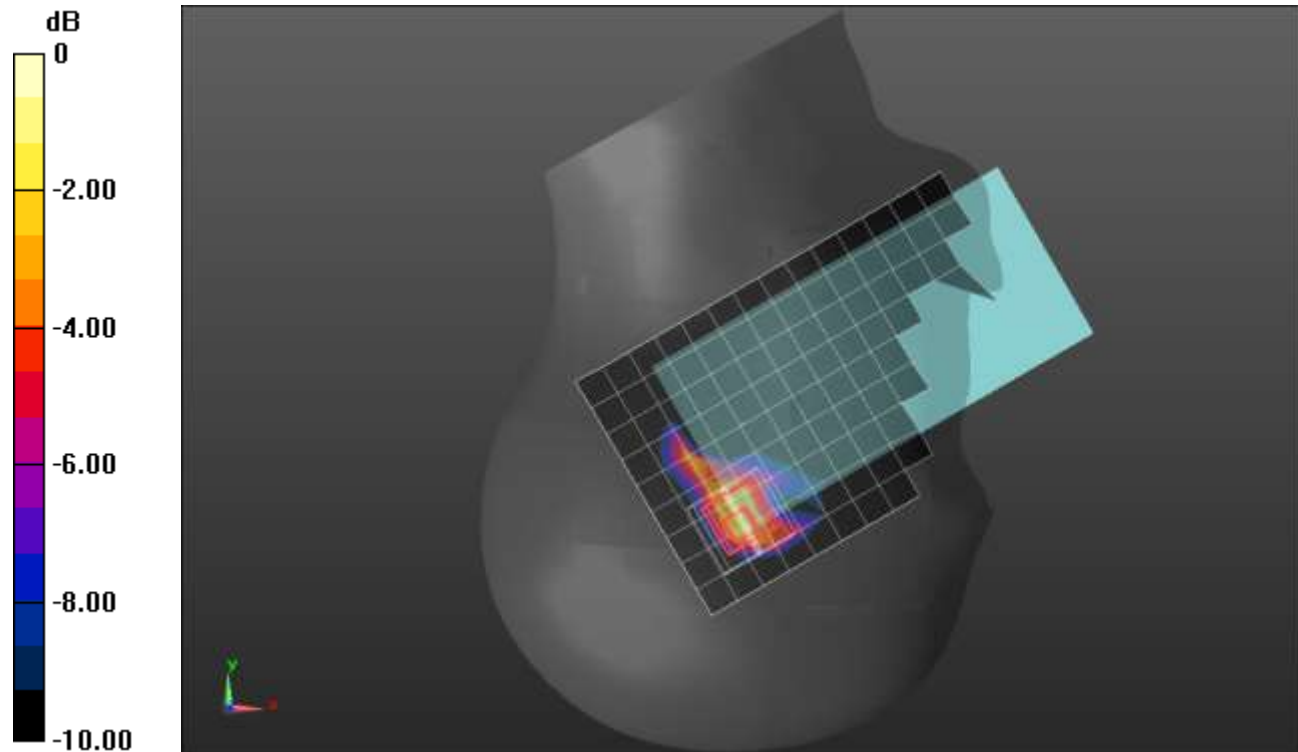
**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.312 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 36.5%

[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

## LTE Band 41 ANT 2

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.895$  S/m;  $\epsilon_r = 37.298$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(7.53, 7.53, 7.53) @ 2593 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/QPSK RB 100,0 Ch 40620/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**Rear/QPSK RB 100,0 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.46 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.30 W/kg

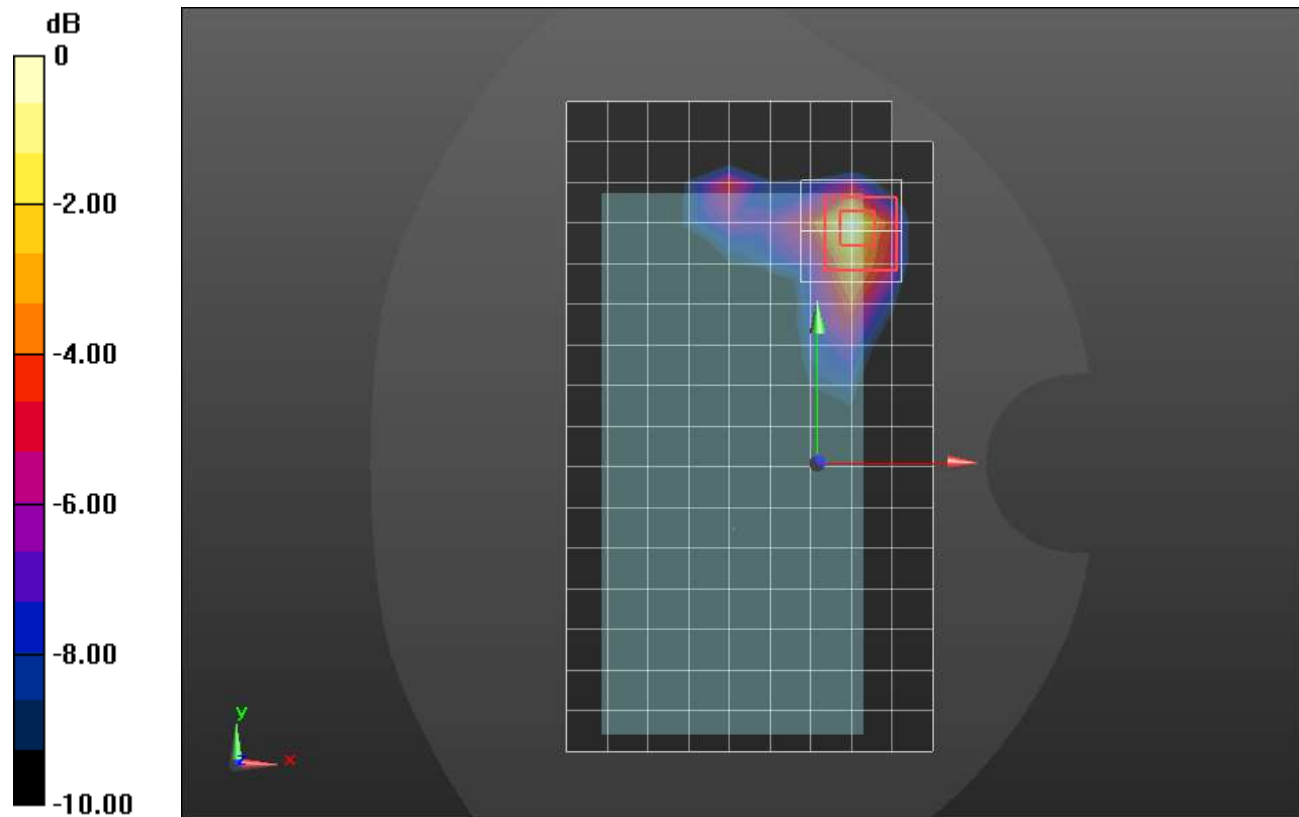
**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.339 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 39%

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

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



## LTE Band 41 ANT 3

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.899$  S/m;  $\epsilon_r = 38.205$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2593 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 1,49 Ch 40620/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.461 W/kg

**LHS/Touch\_QPSK RB 1,49 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.99 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.573 W/kg

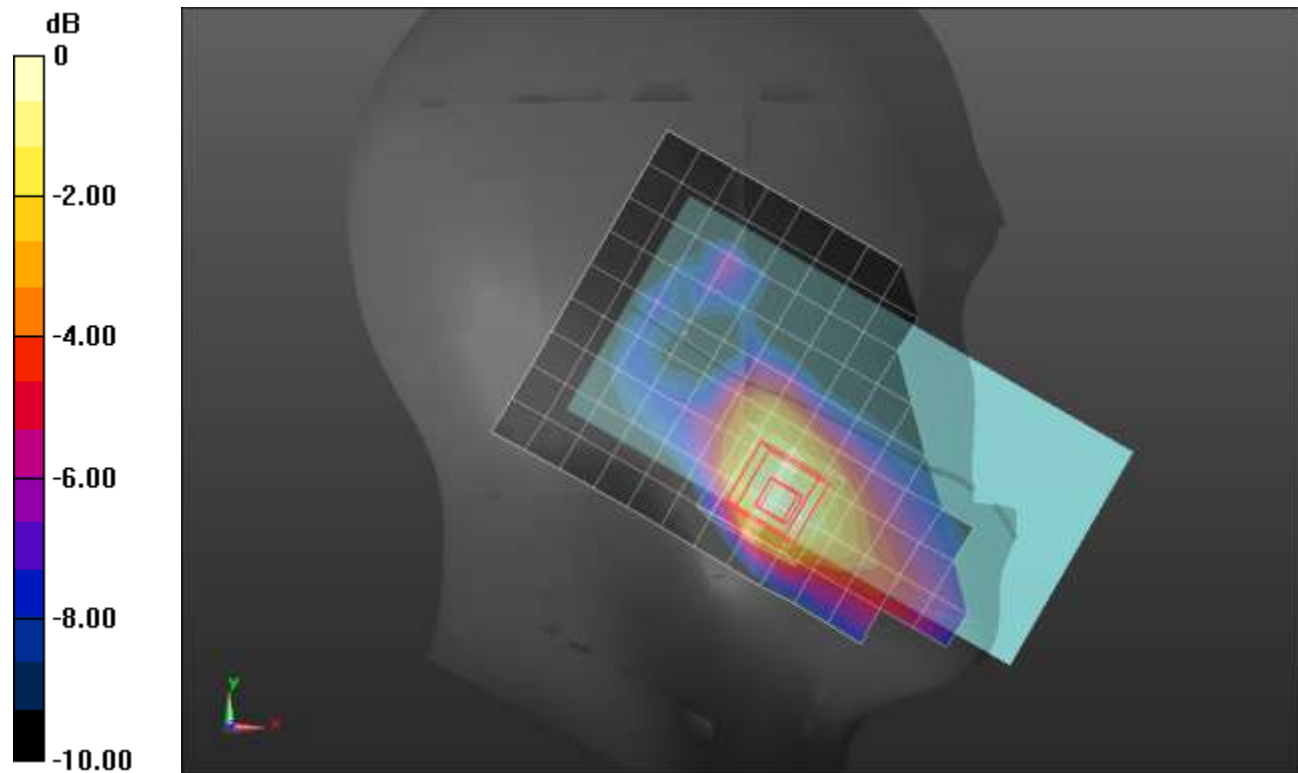
**SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.180 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.8 mm

Ratio of SAR at M2 to SAR at M1 = 58.7%

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

Maximum value of SAR (measured) = 0.477 W/kg



0 dB = 0.477 W/kg = -3.21 dBW/kg

## LTE Band 41 ANT 3

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.995$  S/m;  $\epsilon_r = 38.466$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2593 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 40620/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.867 W/kg

**Rear/QPSK RB 50,24 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

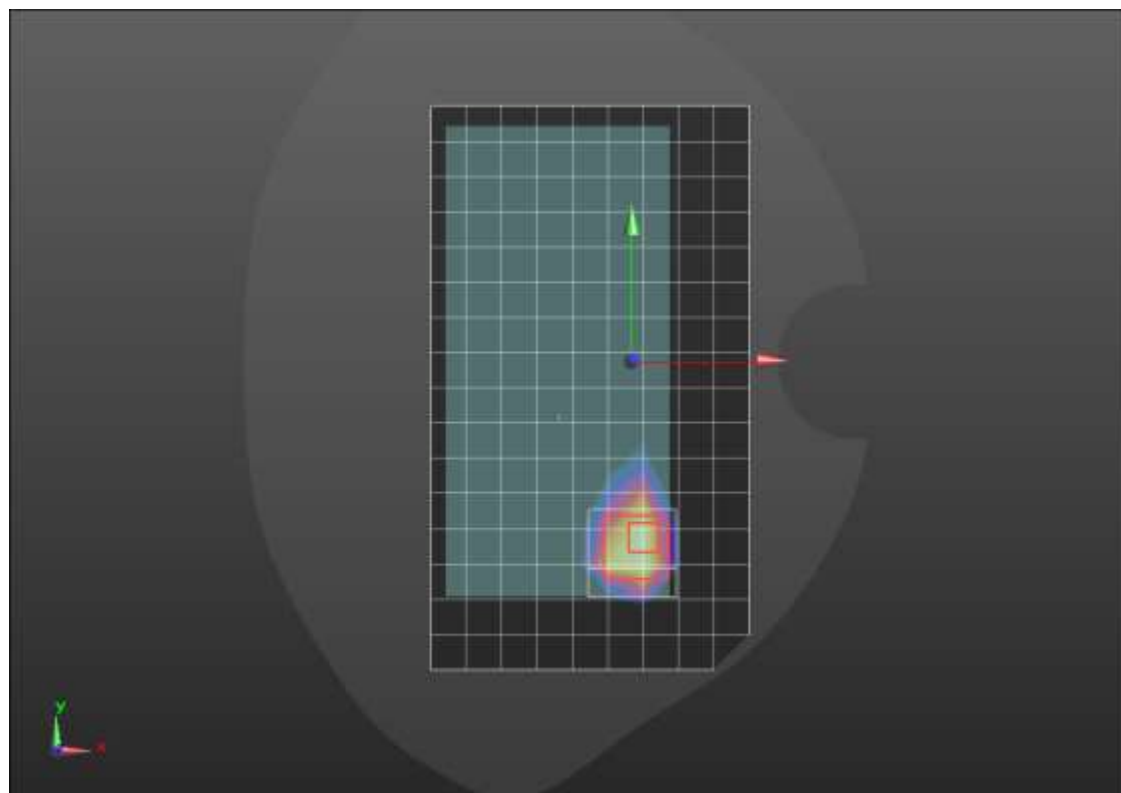
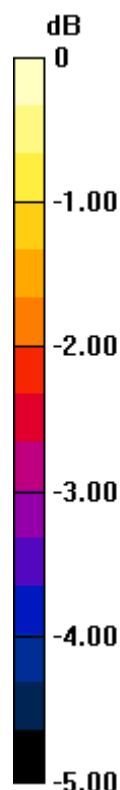
**SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.291 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

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

Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.912 W/kg = -0.40 dBW/kg



## LTE Band 41 ANT 3

Frequency: 2549.5 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.862$  S/m;  $\epsilon_r = 38.322$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2549.5 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 4/QPSK RB 1,49 Ch 40185/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.36 W/kg

**Edge 4/QPSK RB 1,49 Ch 40185/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.15 V/m; Power Drift = 0.01 dB

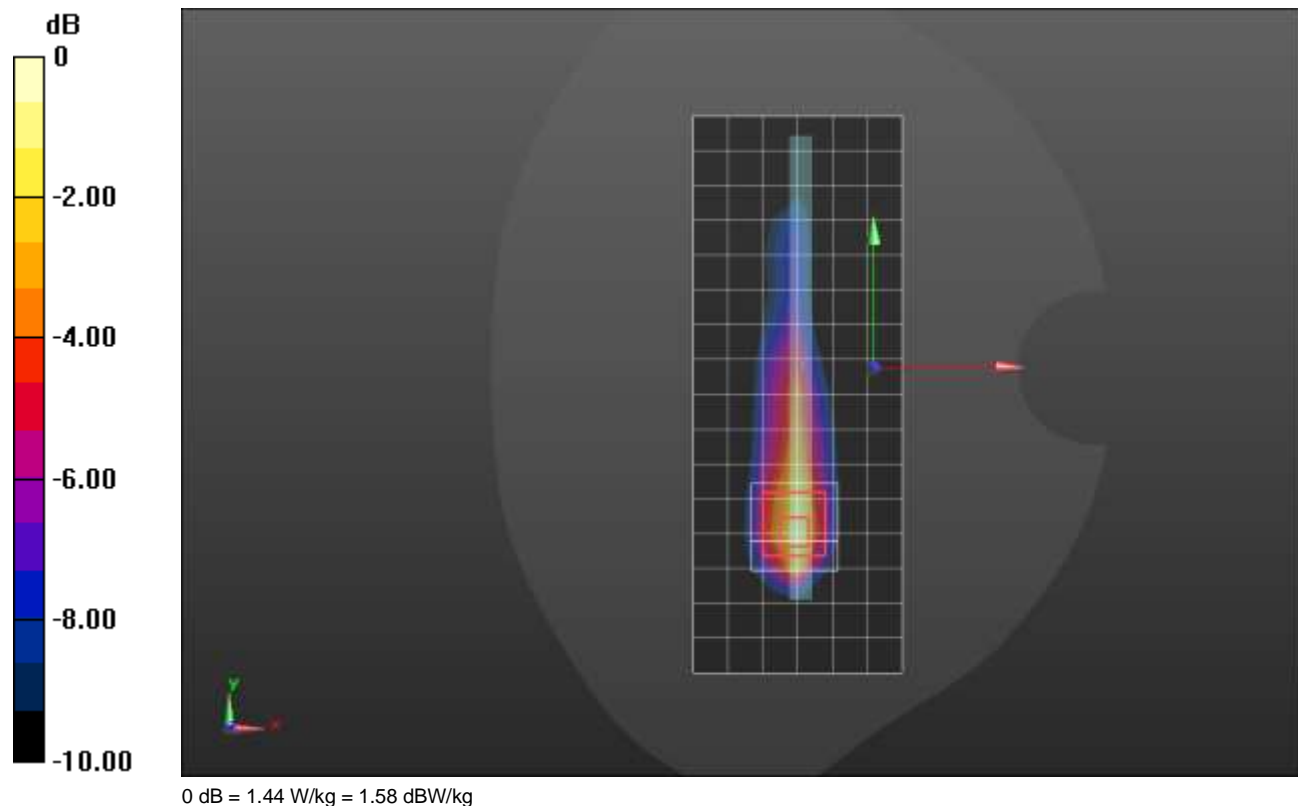
Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.357 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

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



## LTE Band 41 ANT 4

Frequency: 2680 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2680$  MHz;  $\sigma = 1.993$  S/m;  $\epsilon_r = 38.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.98, 6.98, 6.98) @ 2680 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 50,24 Ch 41490/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

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

**LHS/Touch\_QPSK RB 50,24 Ch 41490/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.61 V/m; Power Drift = 0.19 dB

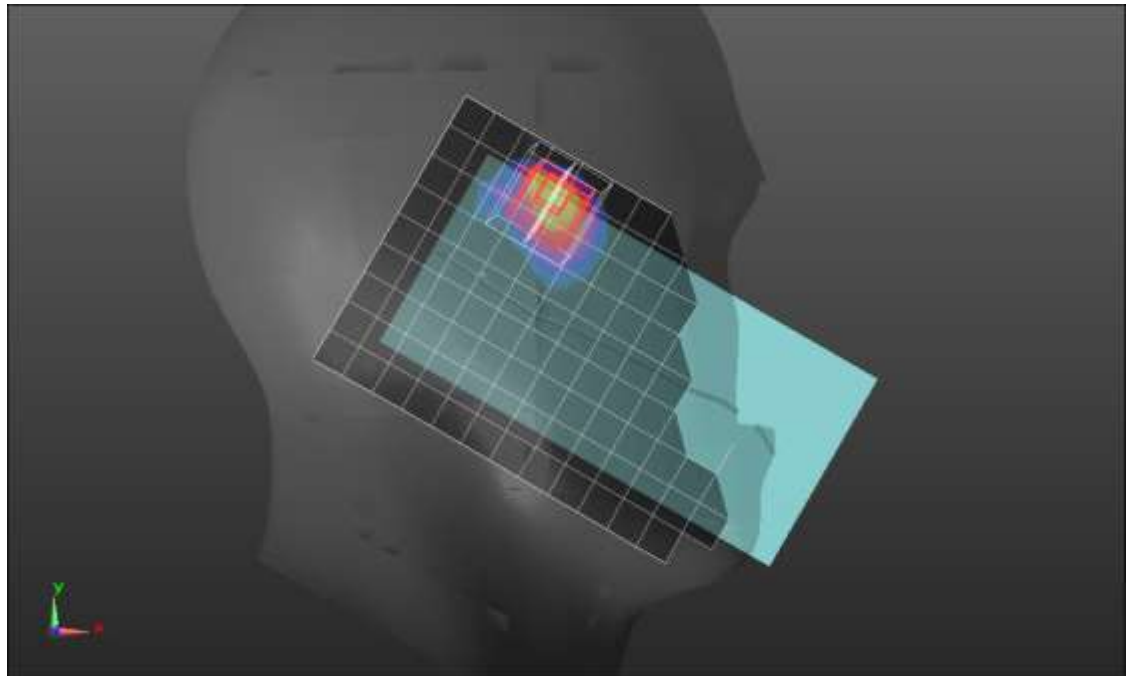
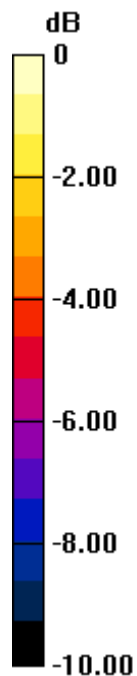
Peak SAR (extrapolated) = 2.34 W/kg

**SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.321 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 32.7%

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



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

## LTE Band 41 ANT 4

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 37.633$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2593 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 40620/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.958 W/kg

**Rear/QPSK RB 50,24 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.57 V/m; Power Drift = -0.09 dB

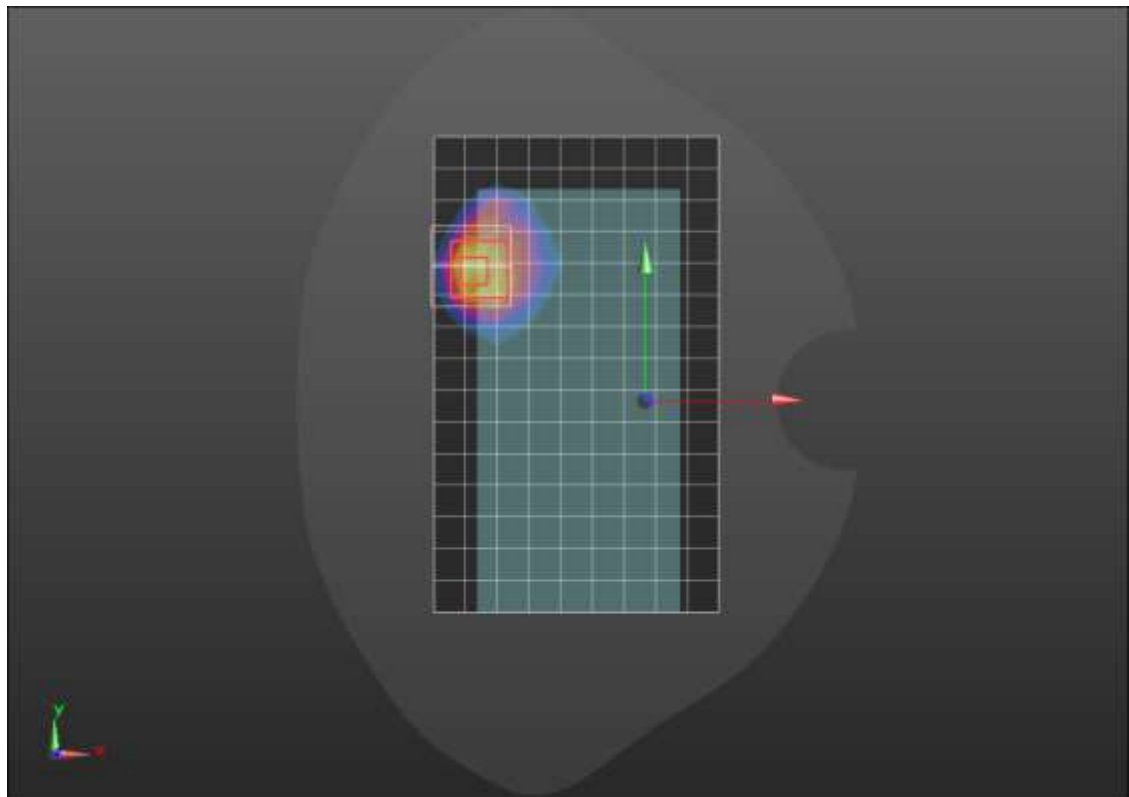
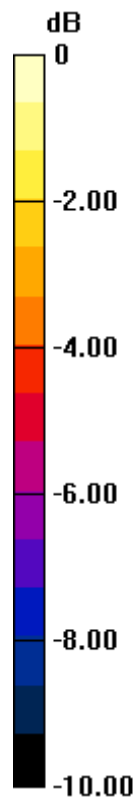
Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.262 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41%

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



0 dB = 1.06 W/kg = 0.25 dBW/kg



## LTE Band 48 ANT 7

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3646.7$  MHz;  $\sigma = 2.982$  S/m;  $\epsilon_r = 36.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3646.7 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**RHS/Touch\_QPSK RB 1,49 Ch 56207/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.325 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 56207/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 8.808 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.494 W/kg

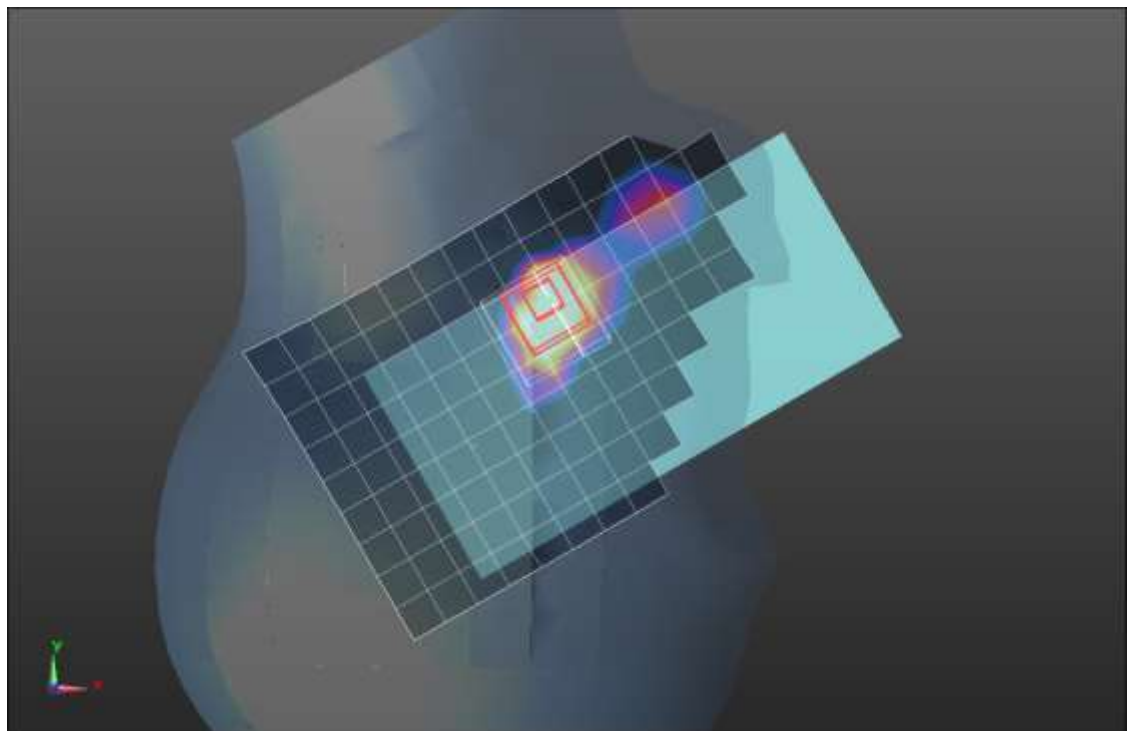
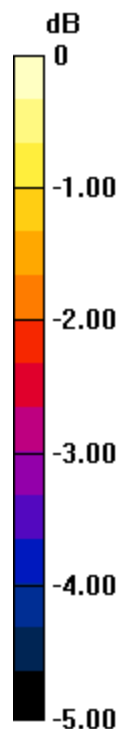
**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.092 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

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

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

## LTE Band 48 ANT 7

Frequency: 3560 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.829$  S/m;  $\epsilon_r = 38.091$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3560 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Rear/QPSK RB 1,49 Ch 55340/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.12 W/kg

**Rear/QPSK RB 1,49 Ch 55340/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 18.11 V/m; Power Drift = -0.05 dB

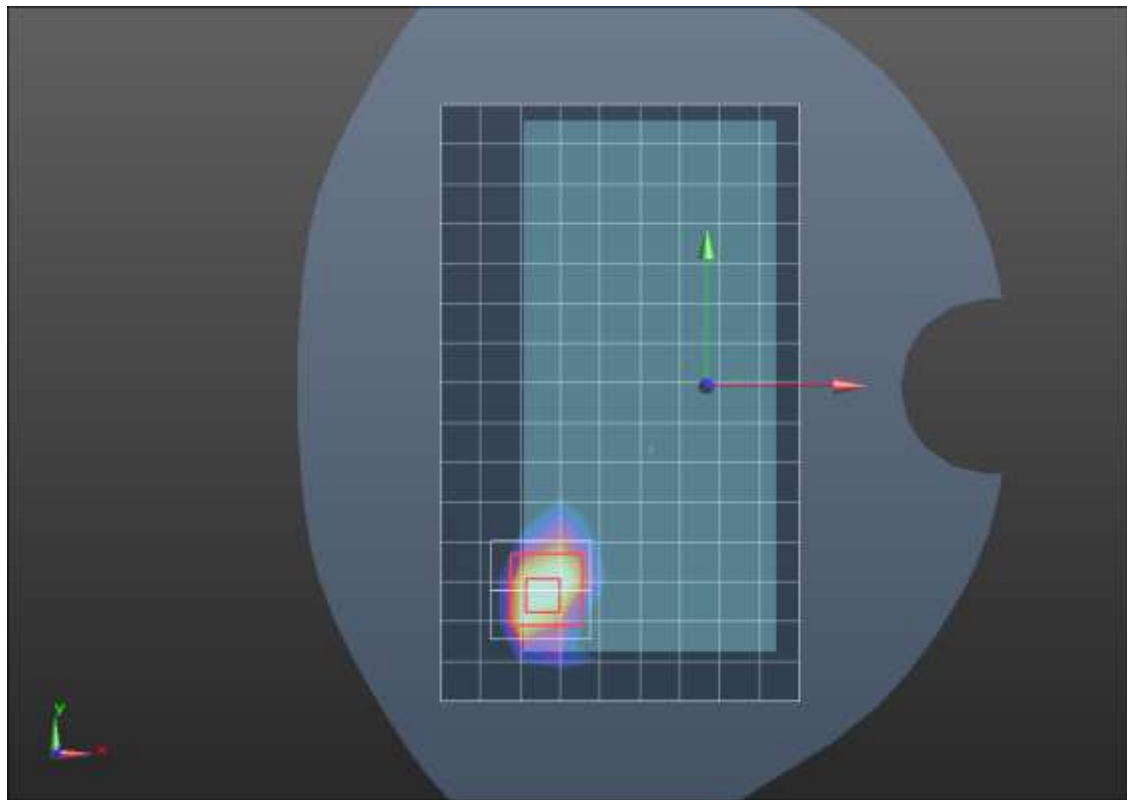
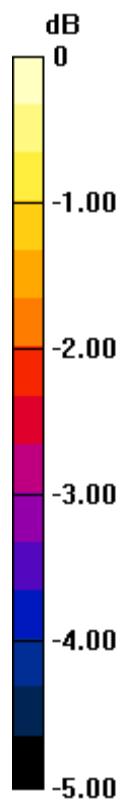
Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.299 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 0.925 W/kg



0 dB = 0.925 W/kg = -0.34 dBW/kg

## LTE Band 48 ANT 7

Frequency: 3560 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.85$  S/m;  $\epsilon_r = 39.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3560 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Edge 2/QPSK RB 1,49 Ch 55340/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 2/QPSK RB 1,49 Ch 55340/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 18.60 V/m; Power Drift = -0.09 dB

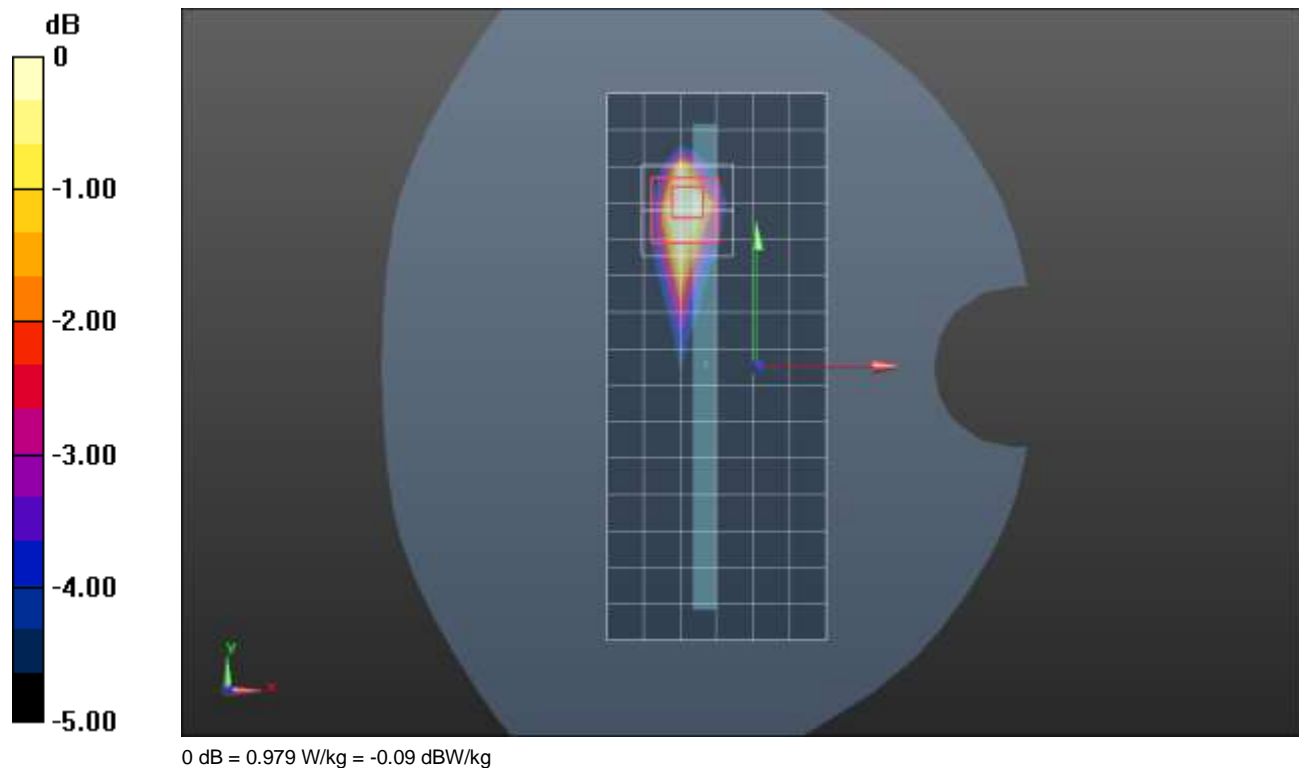
Peak SAR (extrapolated) = 2.34 W/kg

**SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.331 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 0.979 W/kg





## LTE Band 48 ANT 8

Frequency: 3560 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.839$  S/m;  $\epsilon_r = 38.281$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3560 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**RHS/Touch\_QPSK RB 50,24 Ch 55340/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.27 W/kg

**RHS/Touch\_QPSK RB 50,24 Ch 55340/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.08 V/m; Power Drift = 0.08 dB

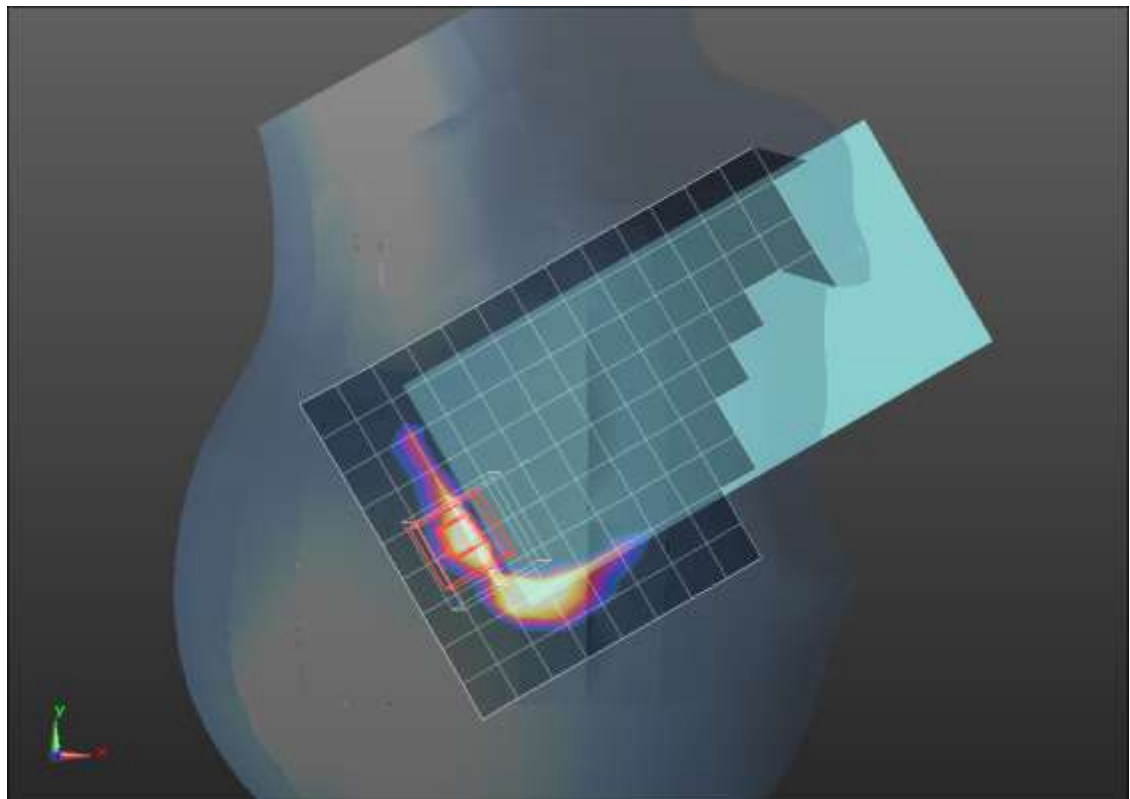
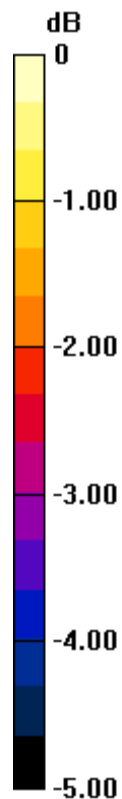
Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.215 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 43.2%

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -1.11 dBW/kg

## LTE Band 48 ANT 8

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3646.7$  MHz;  $\sigma = 2.912$  S/m;  $\epsilon_r = 39.389$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3646.7 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Rear/QPSK RB 50,24 Ch 56207/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.888 W/kg

**Rear/QPSK RB 50,24 Ch 56207/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 11.27 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.60 W/kg

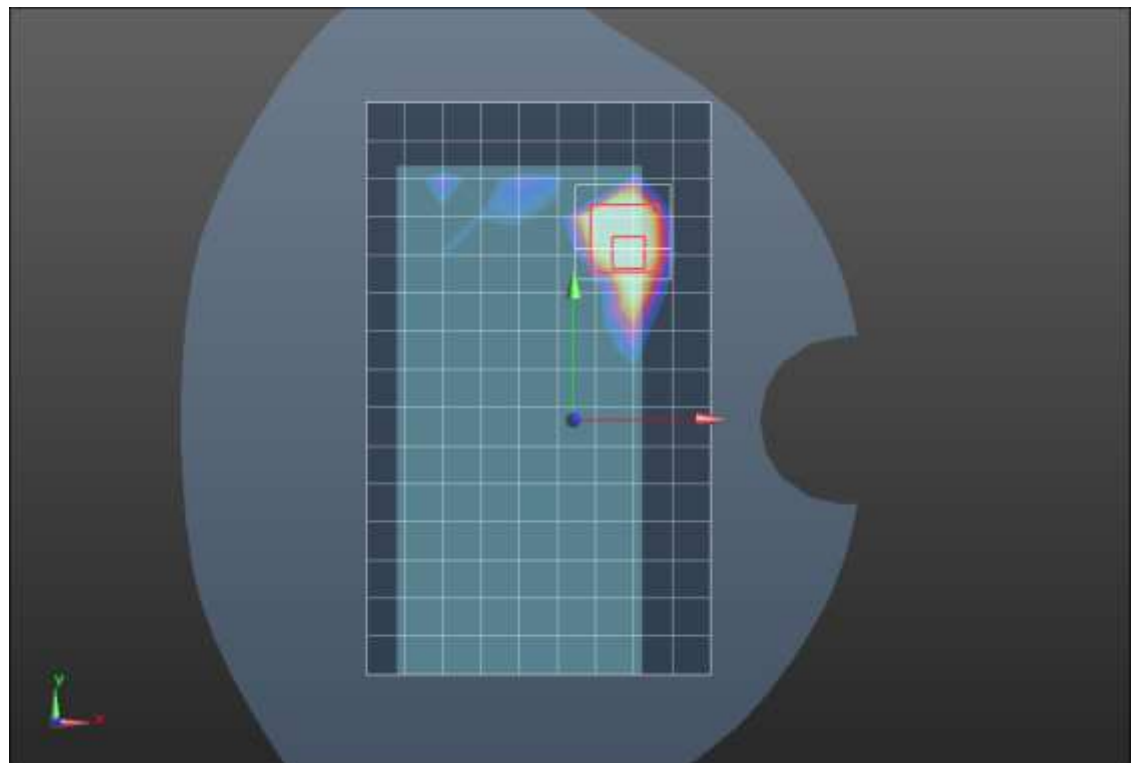
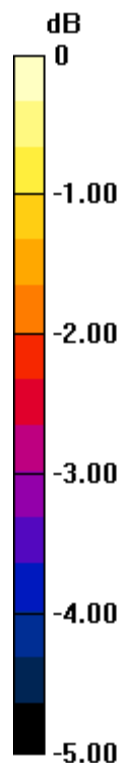
**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.190 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 40.6%

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

Maximum value of SAR (measured) = 0.476 W/kg



0 dB = 0.476 W/kg = -3.22 dBW/kg

## LTE Band 48 ANT 8

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3646.7$  MHz;  $\sigma = 2.912$  S/m;  $\epsilon_r = 39.389$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3646.7 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Edge 4/QPSK RB 50,24 Ch 56207/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**Edge 4/QPSK RB 50,24 Ch 56207/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.61 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.38 W/kg

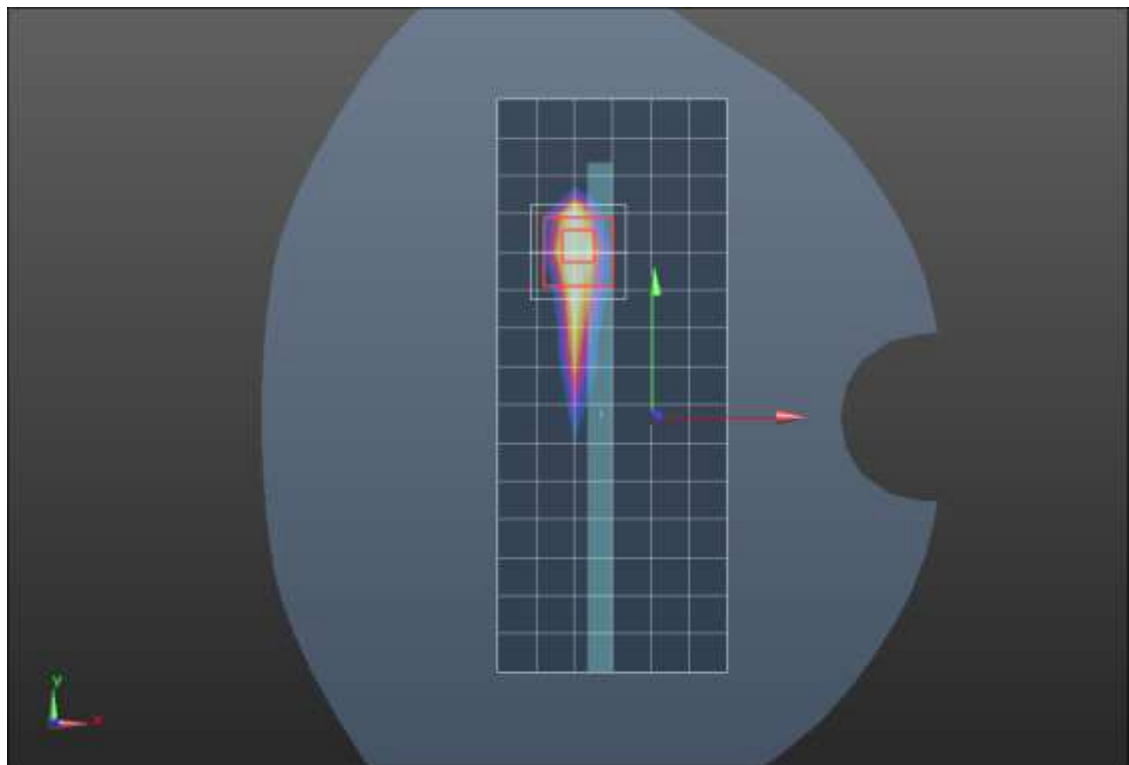
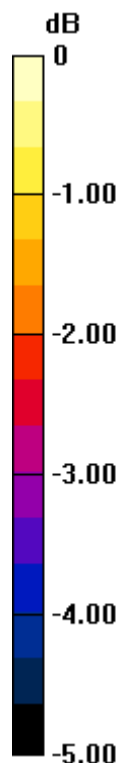
**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.279 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 43.3%

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

Maximum value of SAR (measured) = 0.895 W/kg



0 dB = 0.895 W/kg = -0.48 dBW/kg

## LTE Band 48 ANT 9

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3646.7$  MHz;  $\sigma = 2.917$  S/m;  $\epsilon_r = 37.384$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3646.7 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**LHS/Touch\_QPSK RB 1,49 Ch 56207/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.235 W/kg

**LHS/Touch\_QPSK RB 1,49 Ch 56207/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.377 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.565 W/kg

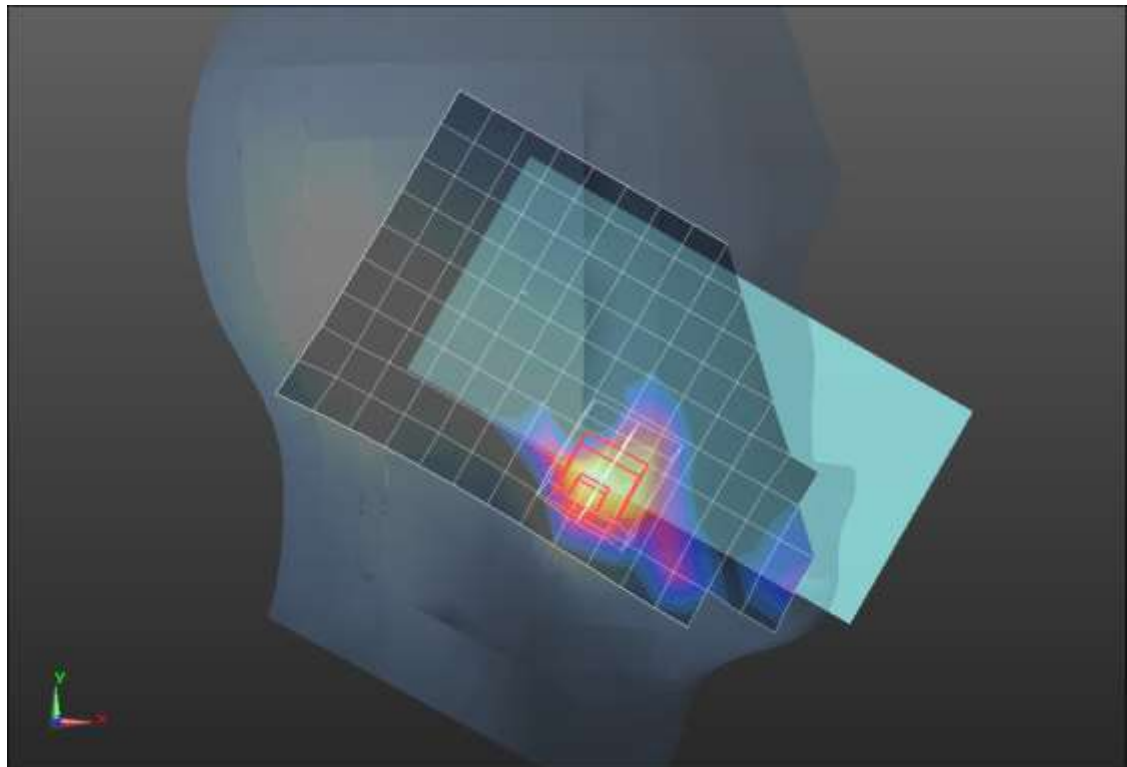
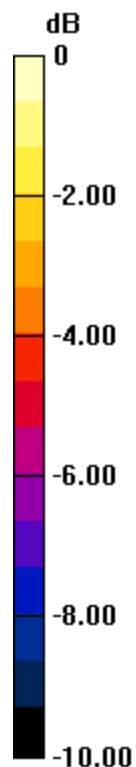
**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.056 W/kg**

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 44.6%

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

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

## LTE Band 48 ANT 9

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3646.7$  MHz;  $\sigma = 2.942$  S/m;  $\epsilon_r = 38.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.4, 6.4, 6.4) @ 3646.7 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Front/QPSK RB 1,49 Ch 56207/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.792 W/kg

**Front/QPSK RB 1,49 Ch 56207/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 14.57 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.34 W/kg

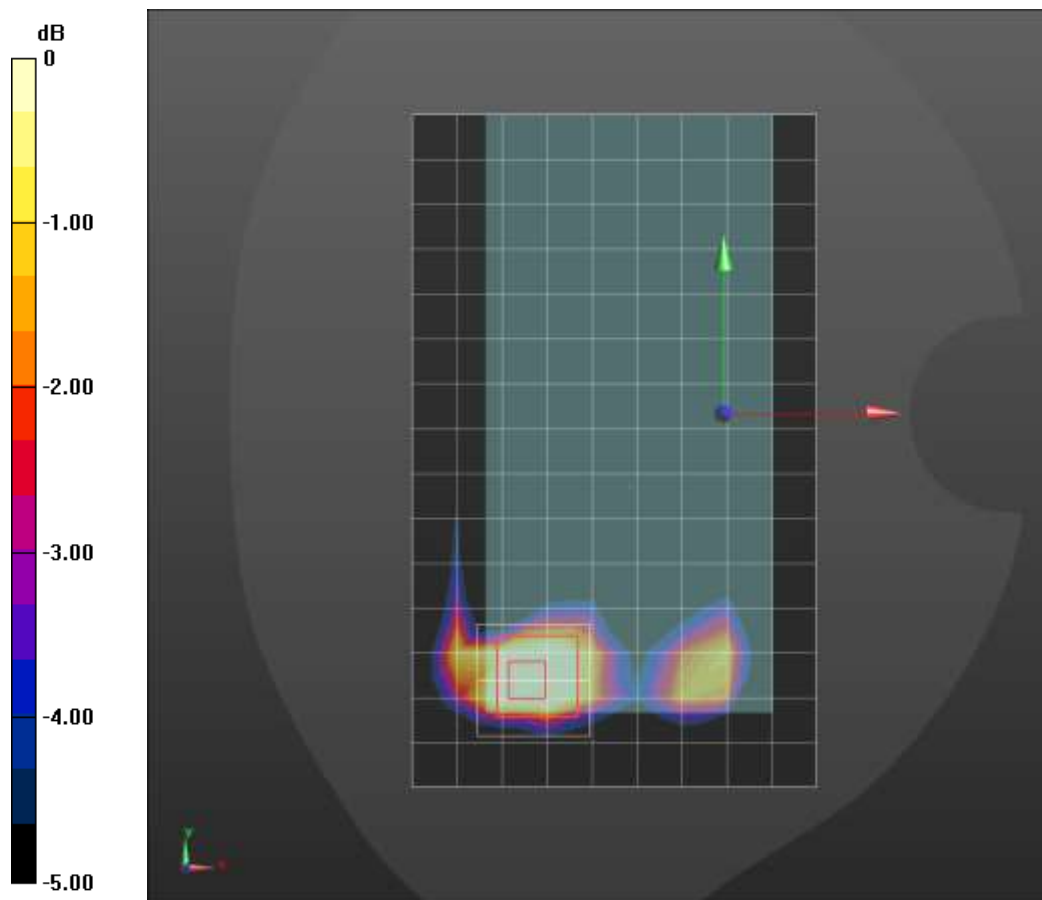
**SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.228 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

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

Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg

## LTE Band 48 ANT 9

Frequency: 3560 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.85$  S/m;  $\epsilon_r = 39.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3560 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Edge 4/QPSK RB 1,49 Ch 55340/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.82 W/kg

**Edge 4/QPSK RB 1,49 Ch 55340/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 19.06 V/m; Power Drift = -0.14 dB

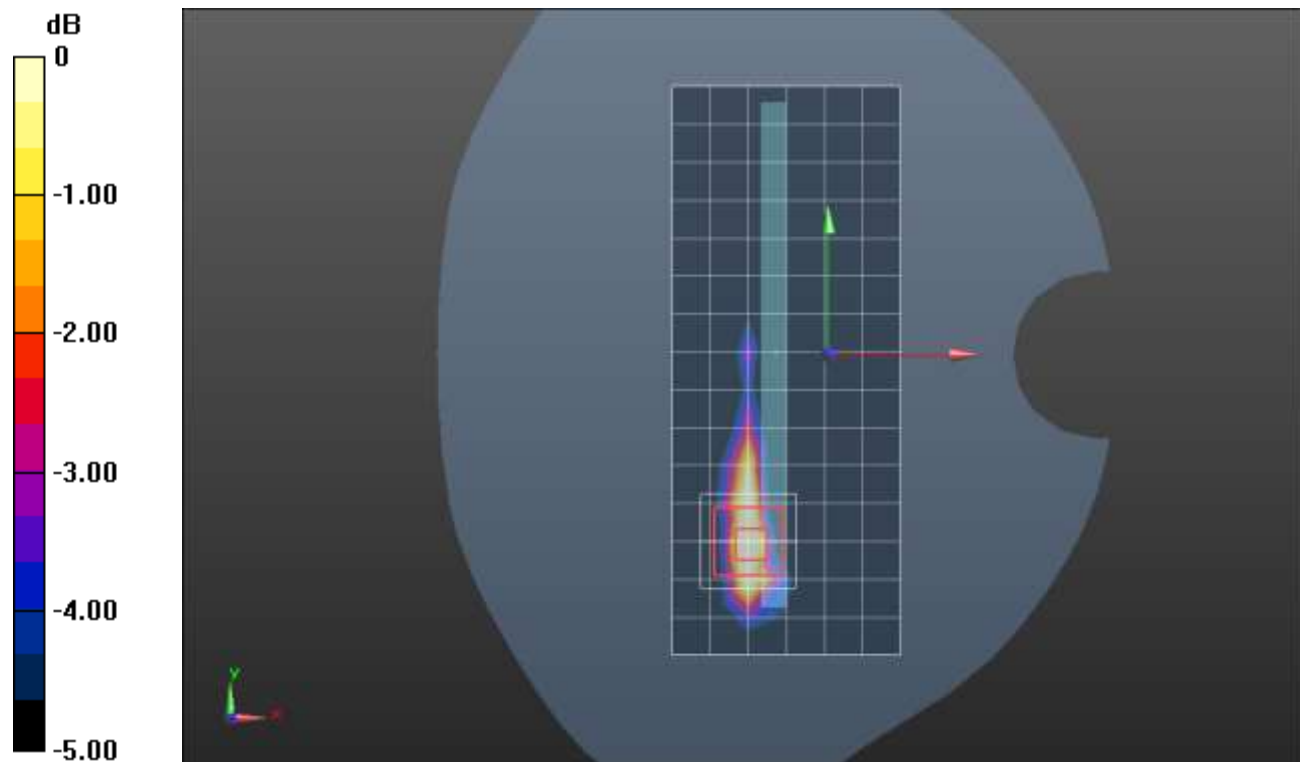
Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.305 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

## LTE Band 48 ANT 4

Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3603.3$  MHz;  $\sigma = 2.902$  S/m;  $\epsilon_r = 38.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.4, 6.4, 6.4) @ 3603.3 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 50,24 Ch 55773/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**LHS/Touch\_QPSK RB 50,24 Ch 55773/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 16.20 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 2.76 W/kg

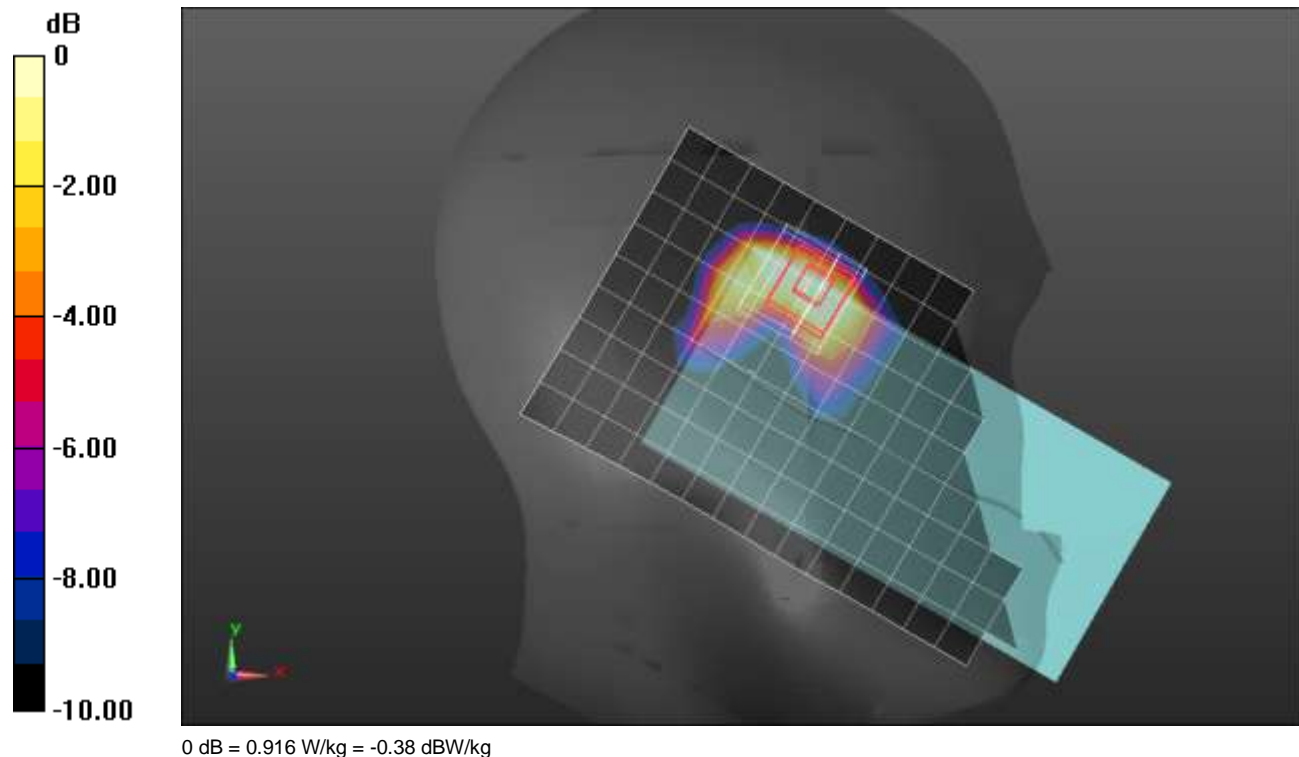
**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.307 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

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

Maximum value of SAR (measured) = 0.916 W/kg





## LTE Band 48 ANT 4

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 3646.7$  MHz;  $\sigma = 2.982$  S/m;  $\epsilon_r = 36.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3646.7 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Rear/QPSK RB 50,24 Ch 56207/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.975 W/kg

**Rear/QPSK RB 50,24 Ch 56207/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 13.85 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.43 W/kg

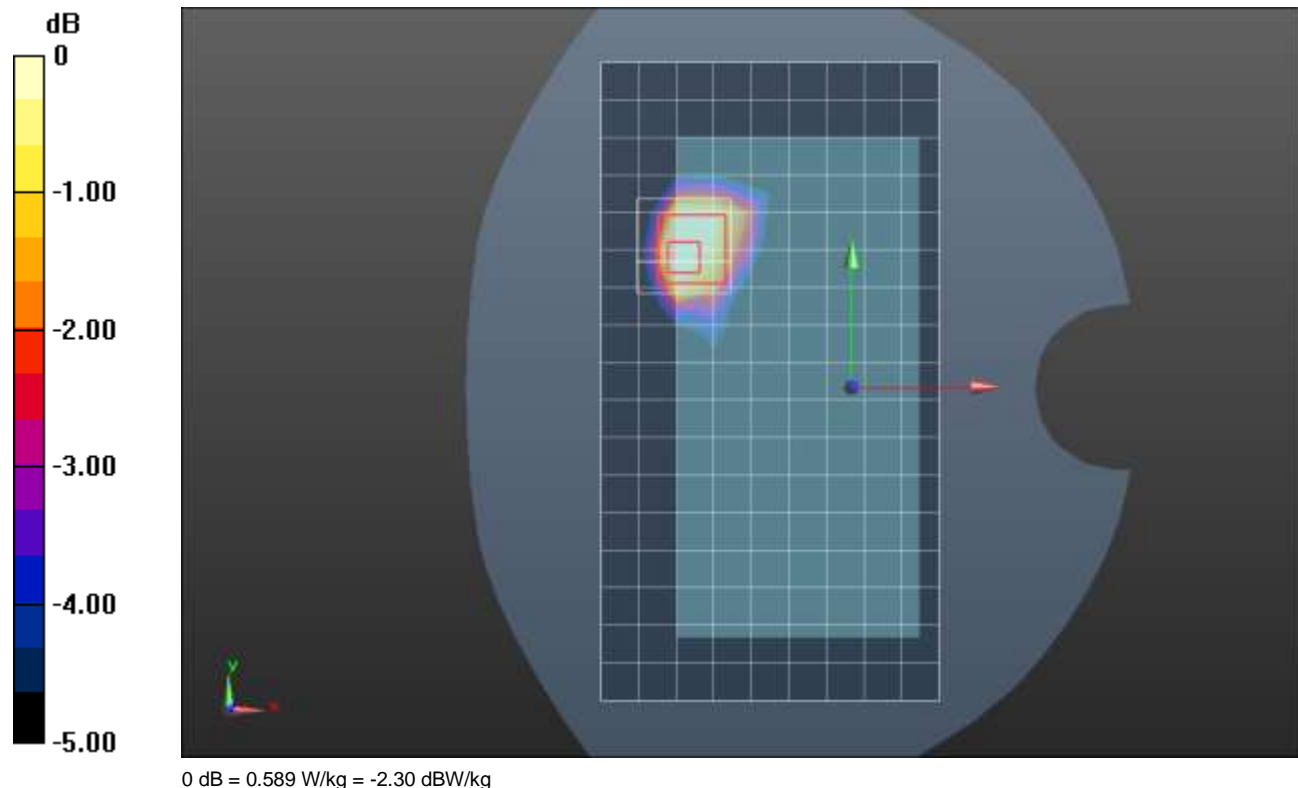
**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.200 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.8%

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

Maximum value of SAR (measured) = 0.589 W/kg



## LTE Band 48 ANT 4

Frequency: 3690 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3690$  MHz;  $\sigma = 3.022$  S/m;  $\epsilon_r = 36.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3690 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**Edge 2/QPSK RB 50,24 Ch 56640/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 2/QPSK RB 50,24 Ch 56640/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.66 V/m; Power Drift = -0.13 dB

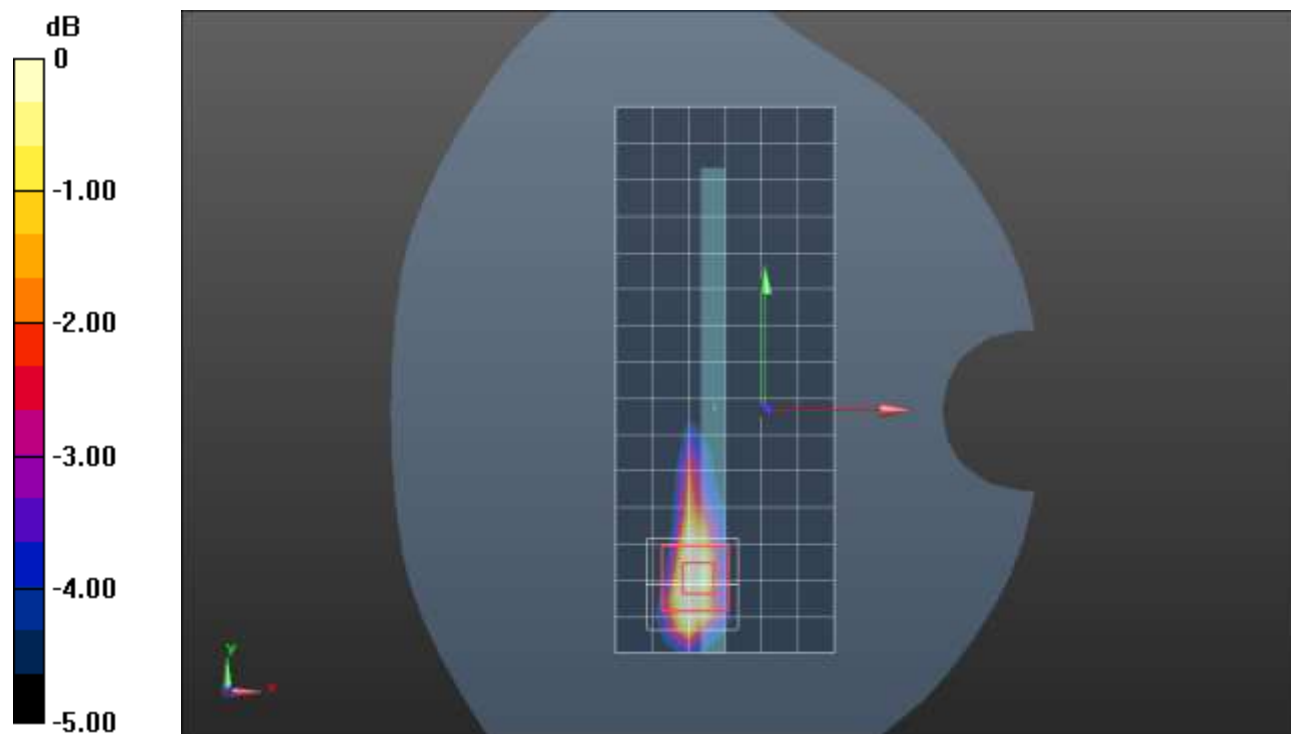
Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.284 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

## LTE Band 53 ANT 1

Frequency: 2489.2 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.808$  S/m;  $\epsilon_r = 37.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.2 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**RHS/Touch\_QPSK RB 25,12 Ch 60197/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.113 W/kg

**RHS/Touch\_QPSK RB 25,12 Ch 60197/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.489 V/m; Power Drift = 0.20 dB

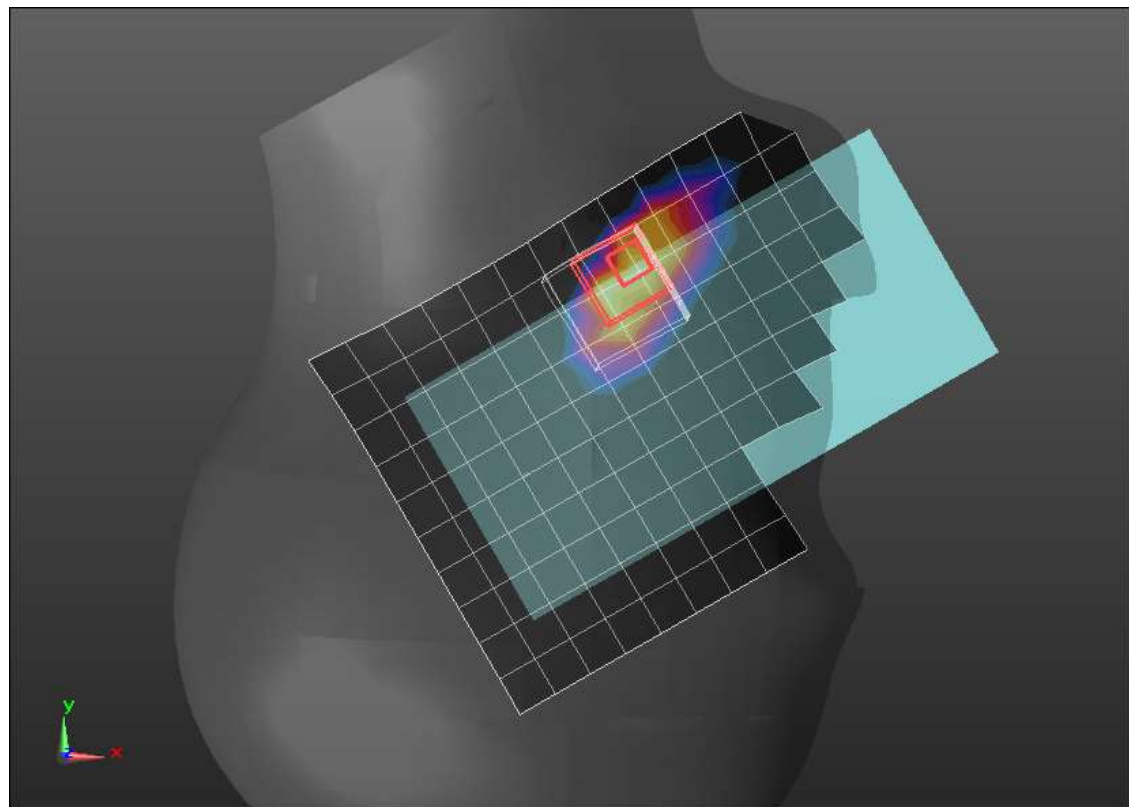
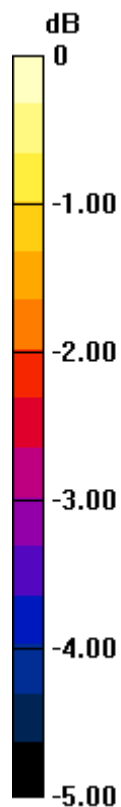
Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.042 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 52.5%

Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg = -9.32 dBW/kg

## LTE Band 53 ANT 1

Frequency: 2489.2 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.808$  S/m;  $\epsilon_r = 37.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.2 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Rear/QPSK RB 1,25 Ch 60197/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.829 W/kg

**Rear/QPSK RB 1,25 Ch 60197/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.18 V/m; Power Drift = -0.12 dB

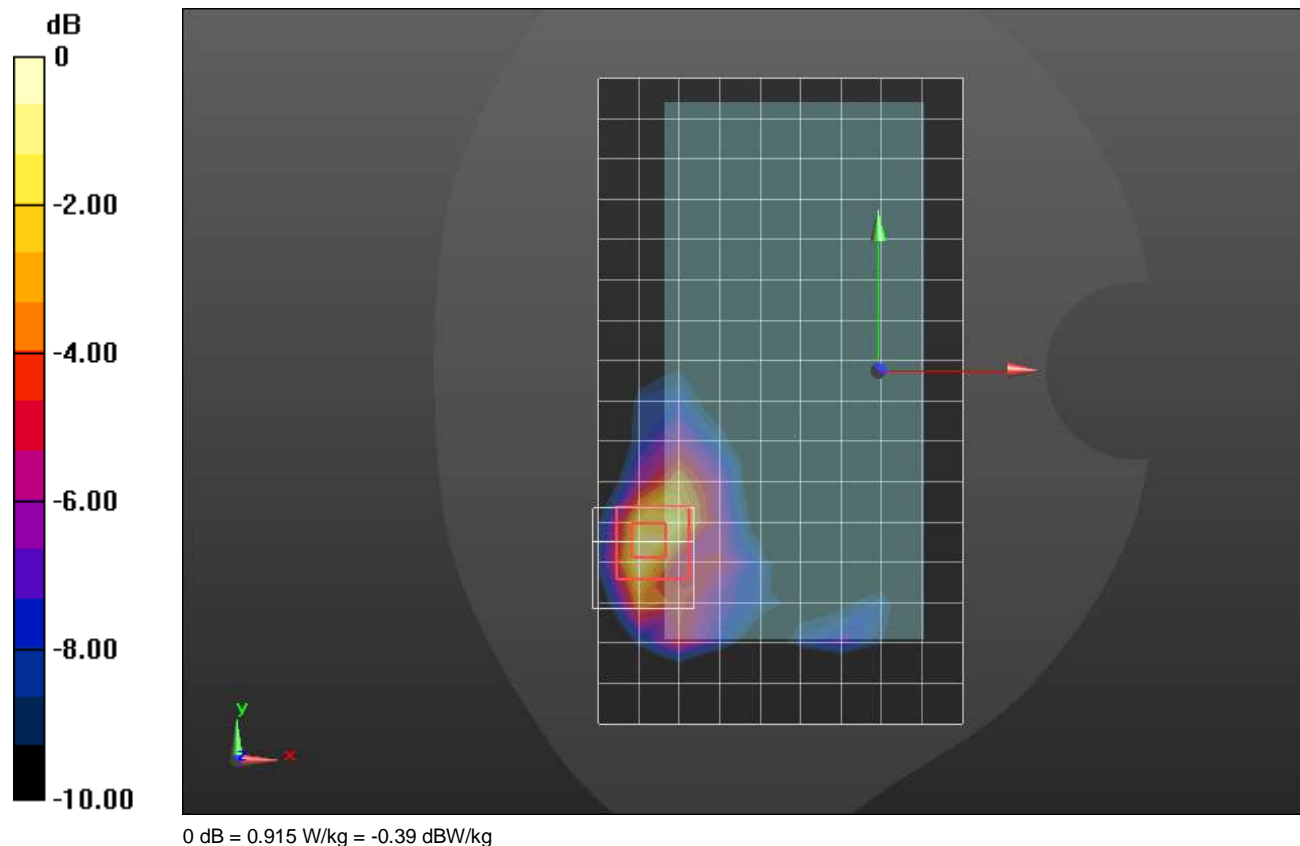
Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.224 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 0.915 W/kg



## LTE Band 53 ANT 1

Frequency: 2489.2 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.808$  S/m;  $\epsilon_r = 37.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.2 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Edge 2/QPSK RB 50,0 Ch 60197/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 2/QPSK RB 50,0 Ch 60197/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.74 V/m; Power Drift = -0.13 dB

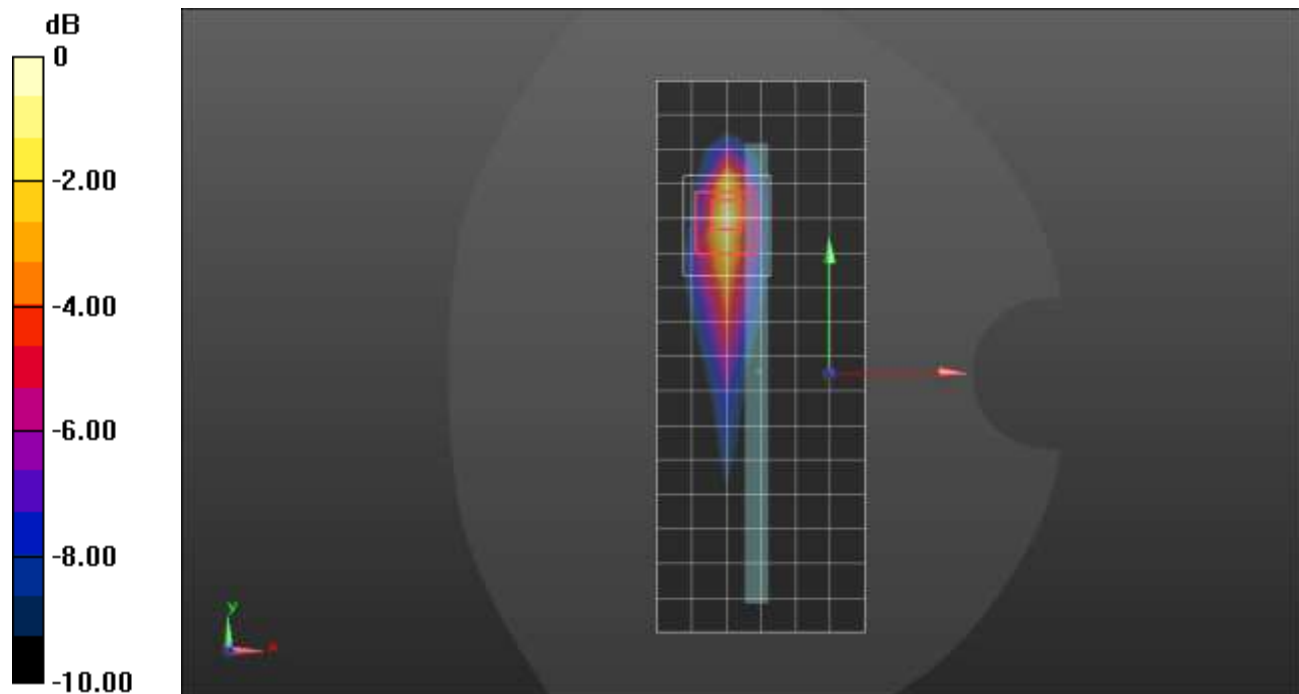
Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.289 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 42.8%

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



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

## LTE Band 53 ANT 2

Frequency: 2489.2 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.2 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**LHS/Touch\_QPSK RB 25,12 Ch 60197/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.899 W/kg

**LHS/Touch\_QPSK RB 25,12 Ch 60197/Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.55 V/m; Power Drift = -0.05 dB

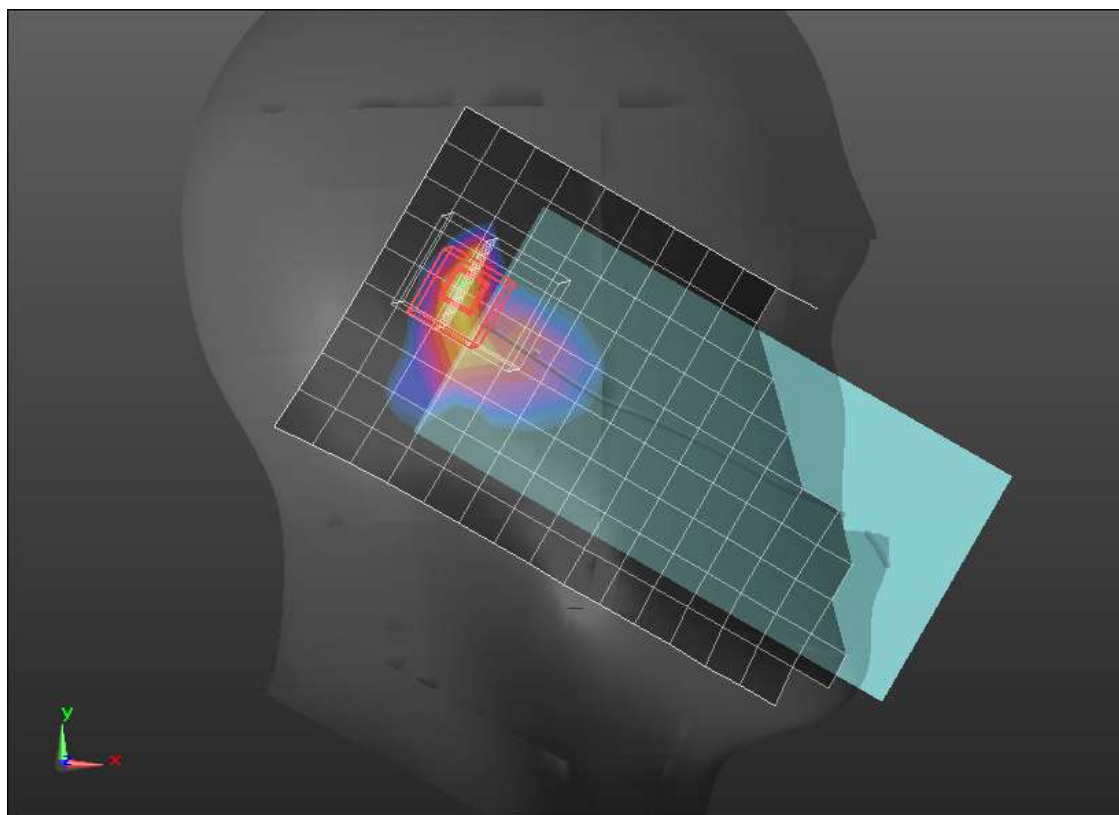
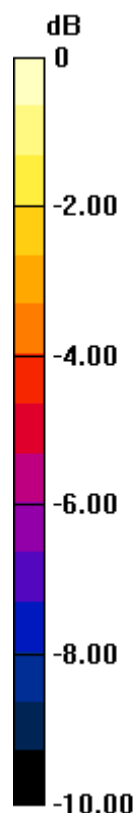
Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.249 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 46.3%

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

## LTE Band 53 ANT 2

Frequency: 2489.2 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.2 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Rear/QPSK RB 25,12 Ch 60197/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.982 W/kg

**Rear/QPSK RB 25,12 Ch 60197/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.04 V/m; Power Drift = -0.11 dB

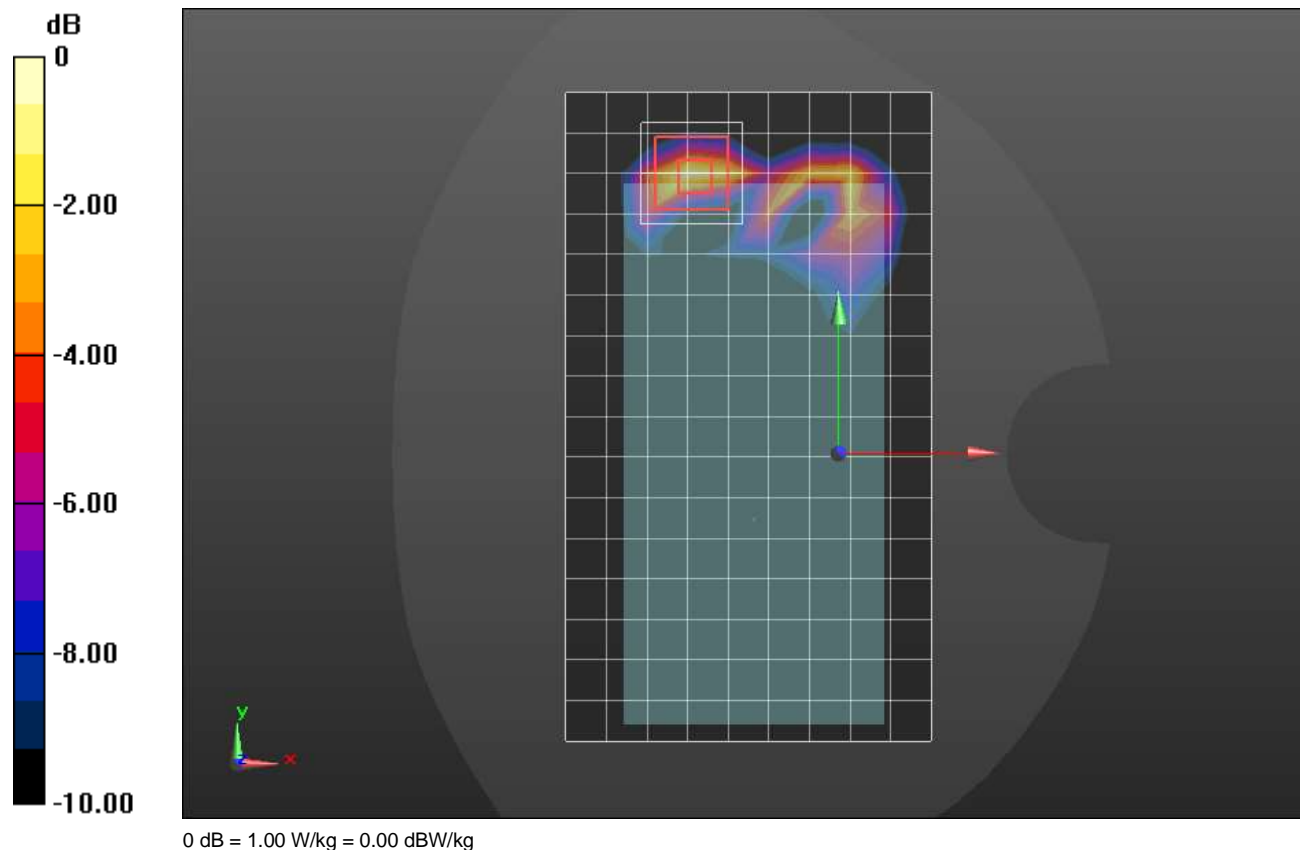
Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.215 W/kg**

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 1.00 W/kg





**LTE Band 66 ANT 1**

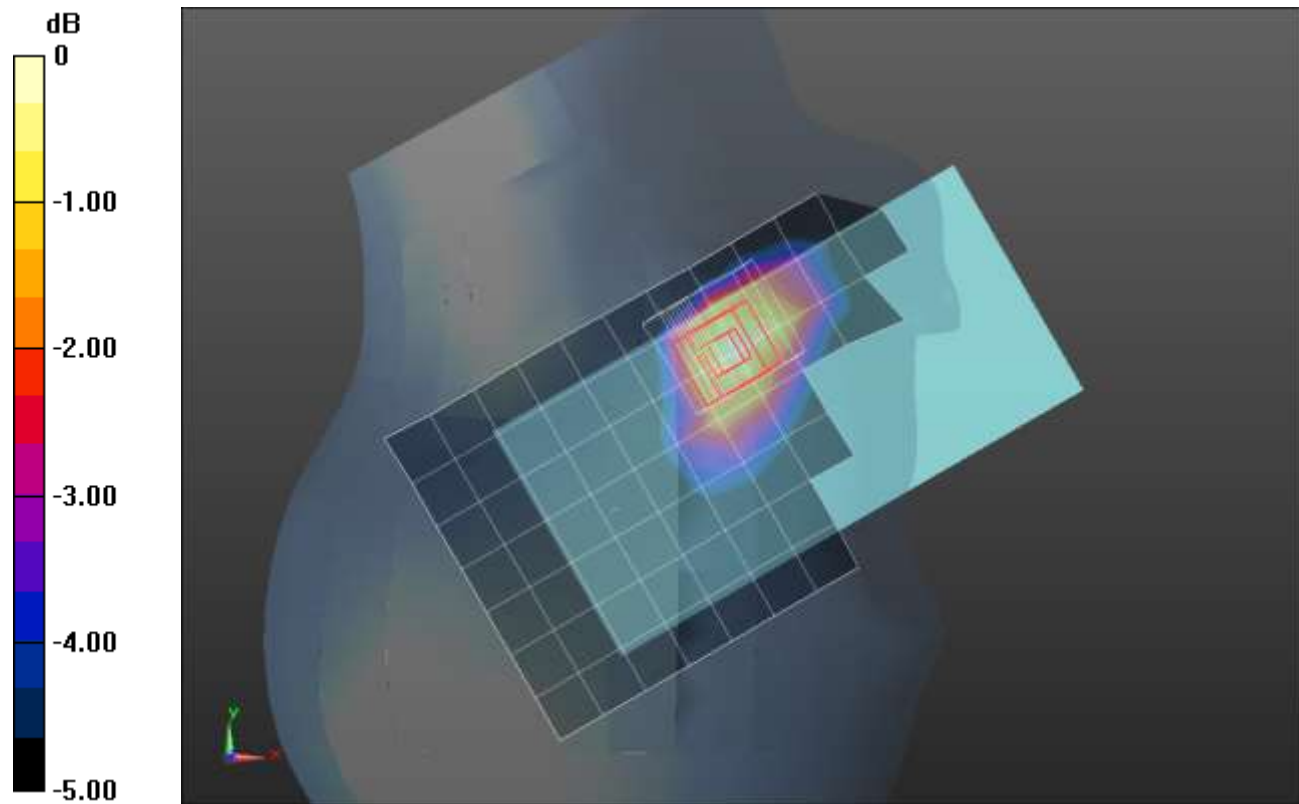
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 38.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.8, 8.8, 8.8) @ 1745 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1,49 Ch 132322/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.306 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 13.12 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 0.361 W/kg  
**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.154 W/kg**  
Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

## LTE Band 66 ANT 1

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 38.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 1,49 Ch 132322/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.834 W/kg

**Rear/QPSK RB 1,49 Ch 132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.47 V/m; Power Drift = -0.05 dB

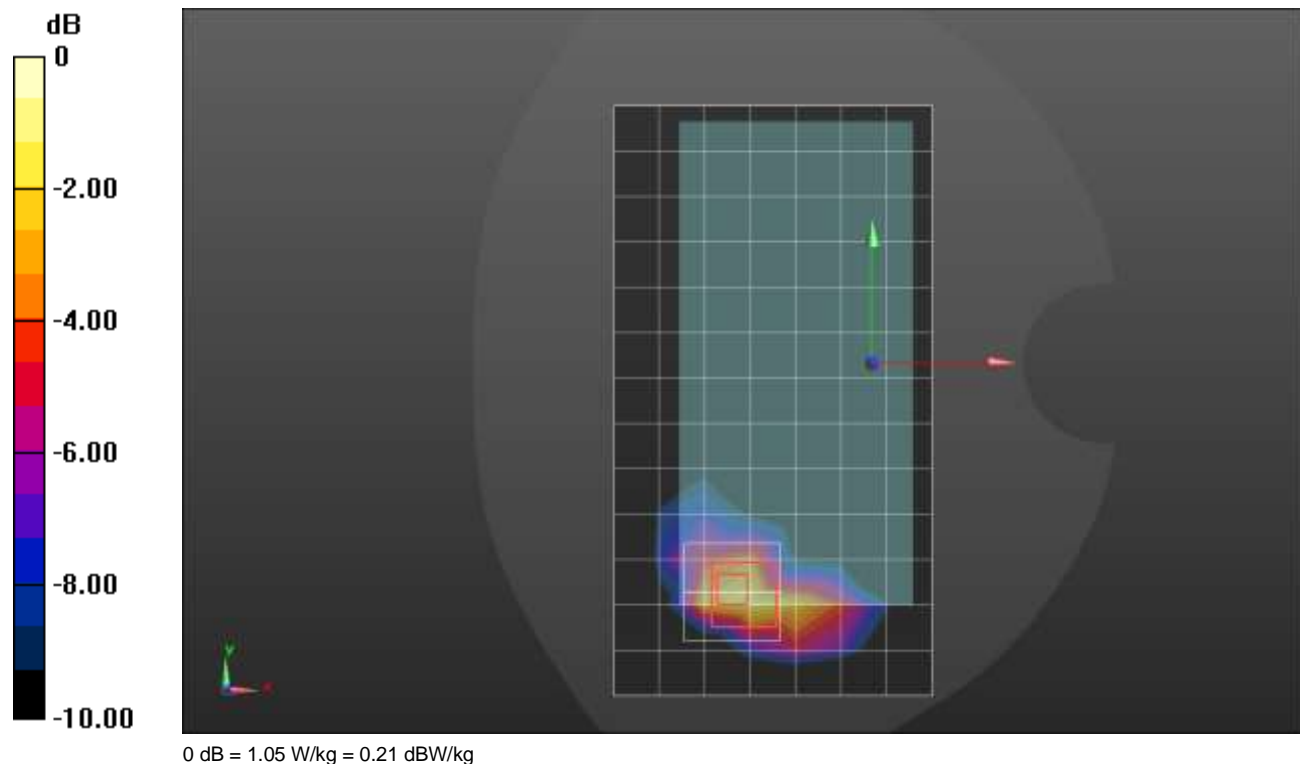
Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.334 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.9%

Maximum value of SAR (measured) = 1.05 W/kg



## LTE Band 66 ANT 1

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.4$  S/m;  $\epsilon_r = 38.94$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 3/QPSK RB 1,49 Ch 132322/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.20 W/kg

**Edge 3/QPSK RB 1,49 Ch 132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.92 V/m; Power Drift = -0.18 dB

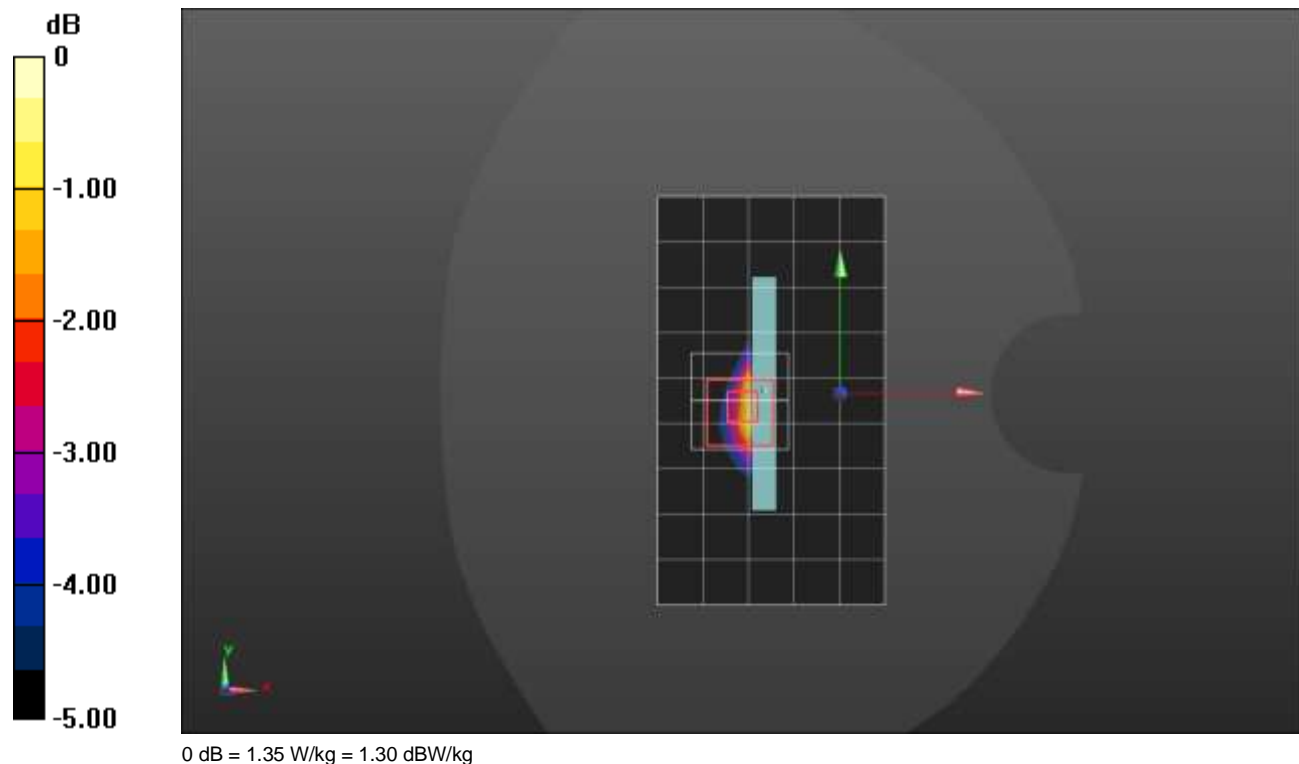
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.379 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

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



## LTE Band 66 ANT 2

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.118$ ;  $\rho = 1000$  kg/m<sup>3</sup>

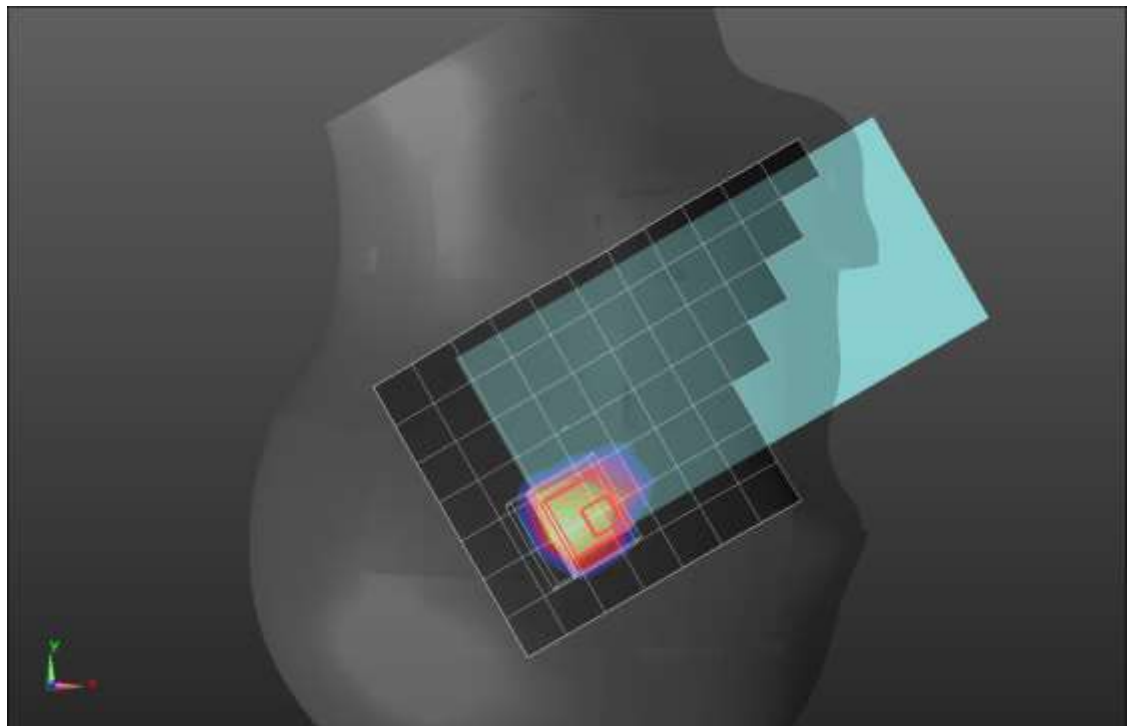
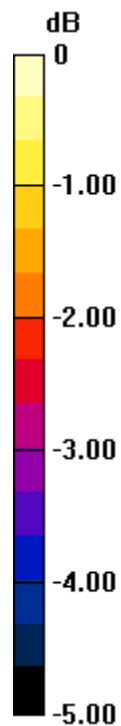
Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1770 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 1,49 Ch 132572/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.31 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.59 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 1.78 W/kg  
**SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.479 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8 mm  
Ratio of SAR at M2 to SAR at M1 = 38.4%

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



0 dB = 1.33 W/kg = 1.24 dBW/kg

## LTE Band 66 ANT 2

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 38.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 100,0 Ch 132322/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.888 W/kg

**Rear/QPSK RB 100,0 Ch 132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.61 V/m; Power Drift = -0.00 dB

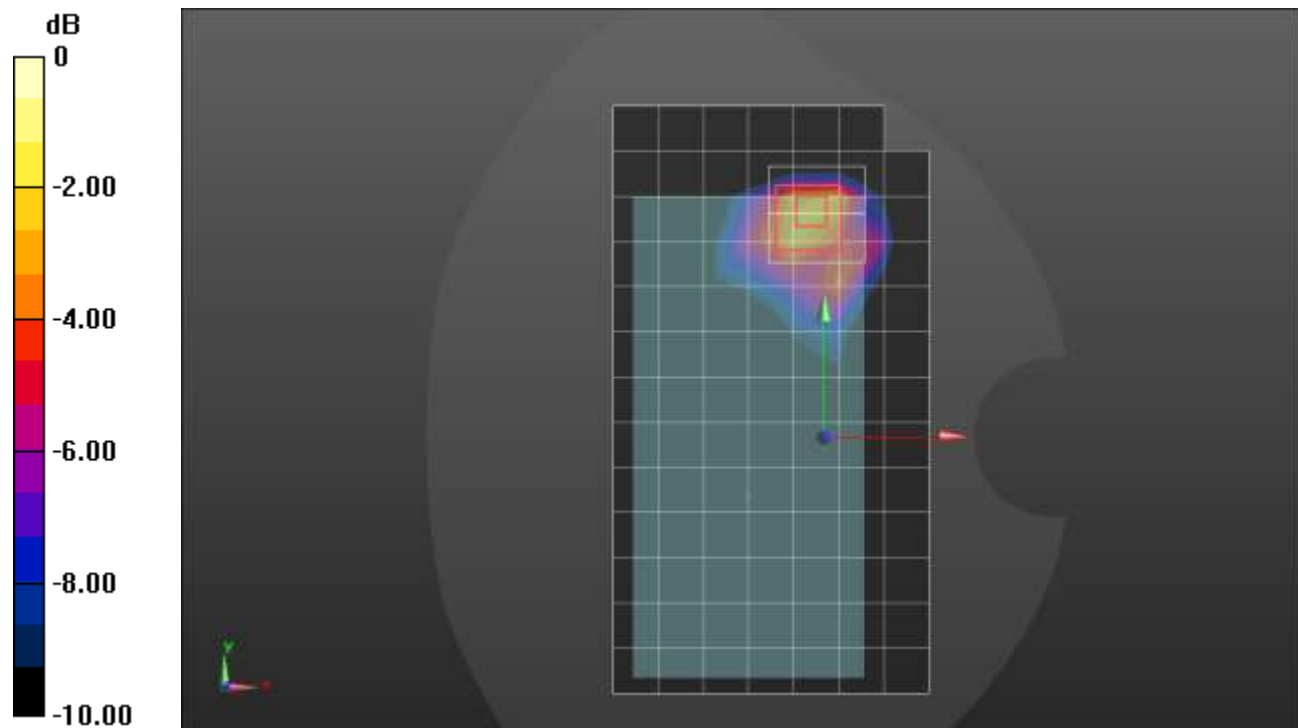
Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.373 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 40.5%

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



## LTE Band 66 ANT 3

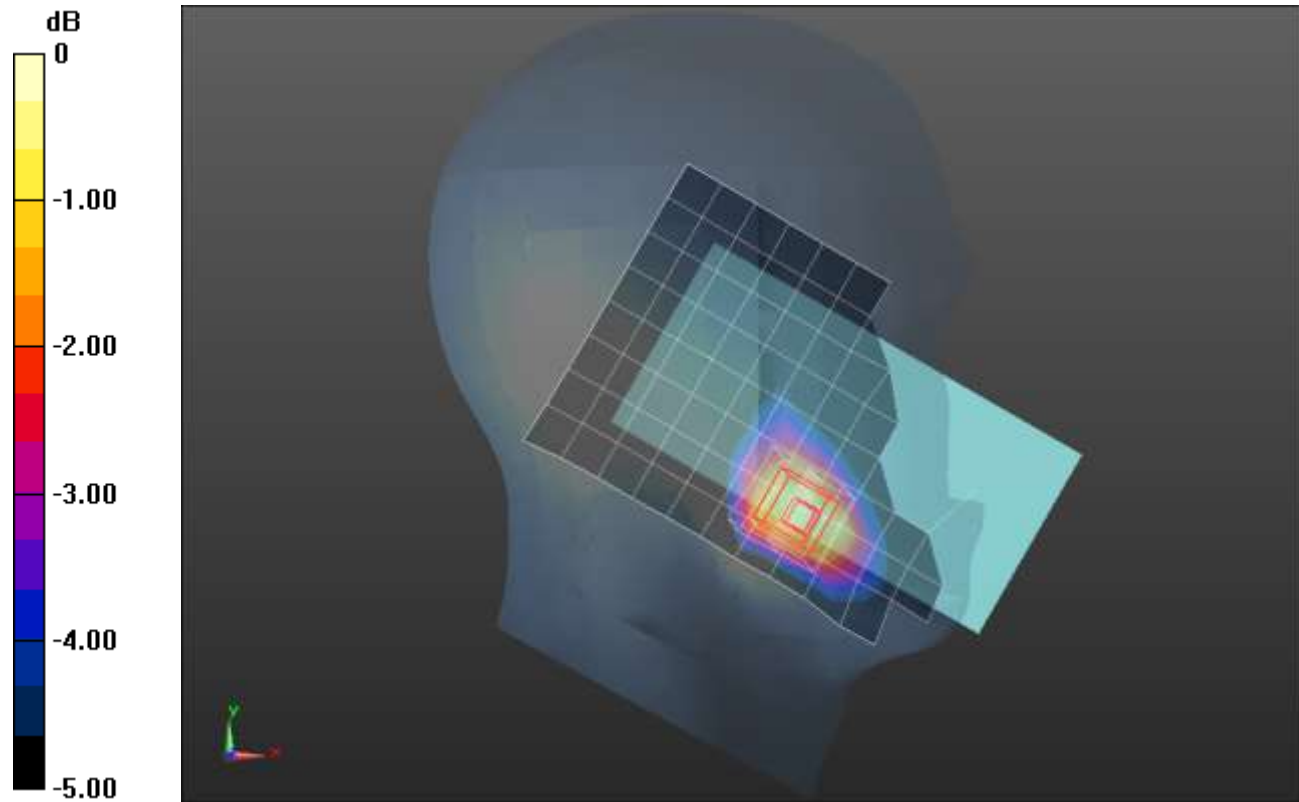
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 38.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.8, 8.8, 8.8) @ 1745 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_QPSK RB 1,49 Ch 132322/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.382 W/kg

**LHS/Touch\_QPSK RB 1,49 Ch 132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.92 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.459 W/kg  
**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.197 W/kg**  
Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg = -4.00 dBW/kg

## LTE Band 66 ANT 3

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1745 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/QPSK RB 50,24 Ch 132322/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.999 W/kg

**Rear/QPSK RB 50,24 Ch 132322/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.40 V/m; Power Drift = -0.09 dB

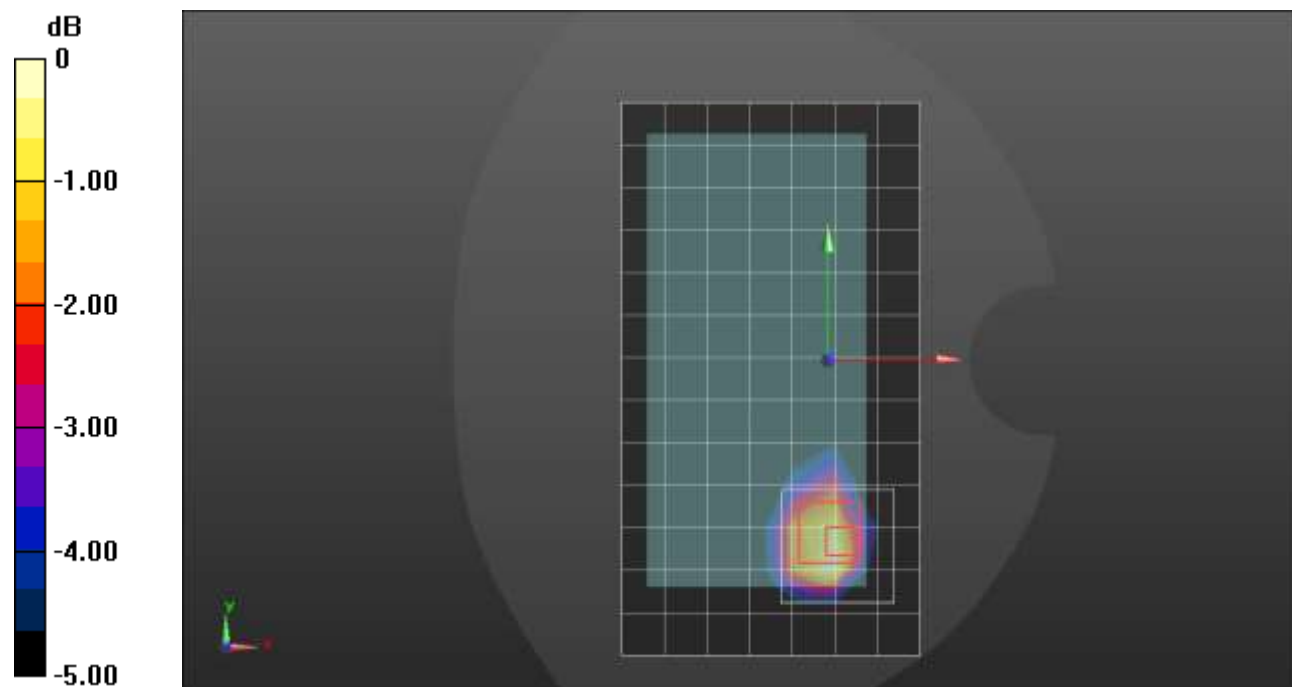
Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.368 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

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





## LTE Band 66 ANT 3

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.385$  S/m;  $\epsilon_r = 40.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/QPSK RB 100,0 Ch 132322/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.18 W/kg

**Edge 4/QPSK RB 100,0 Ch 132322/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.56 V/m; Power Drift = -0.05 dB

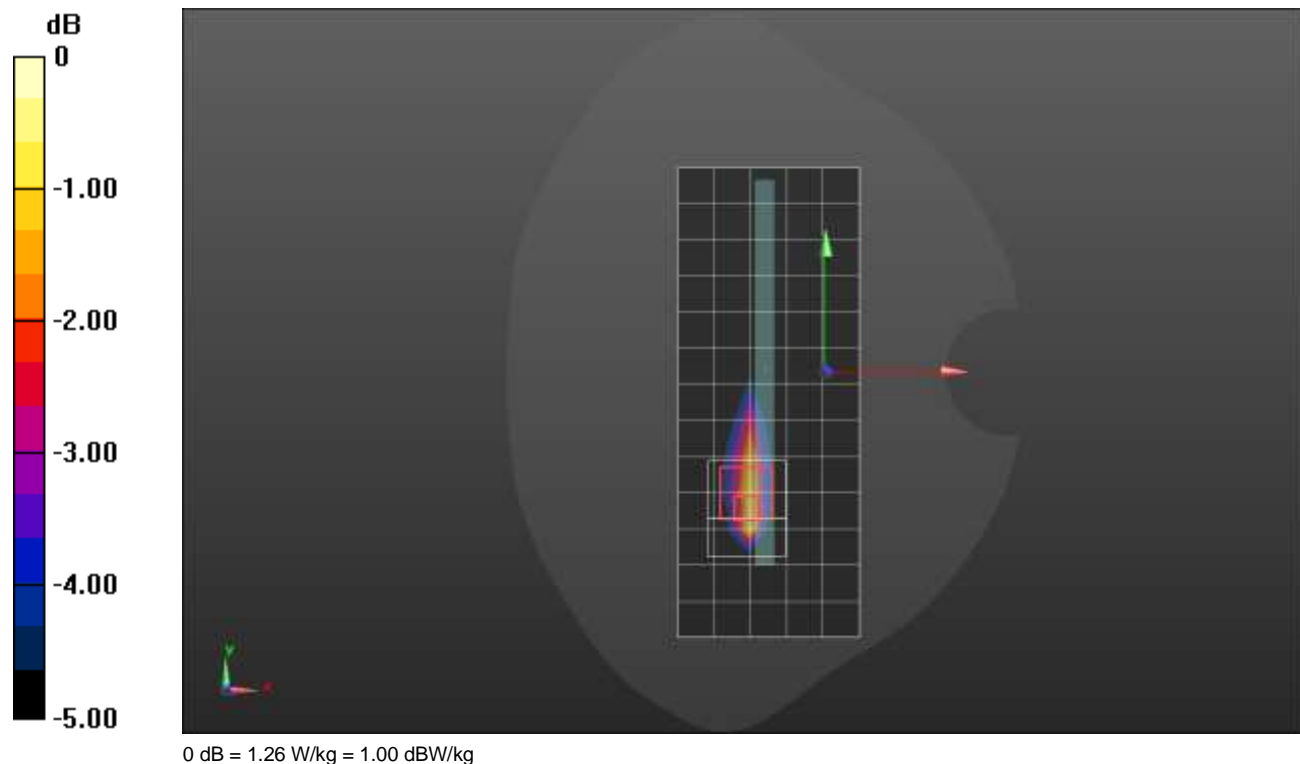
Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.405 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.5%

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



## LTE Band 66 ANT 4

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 39.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1770 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 1, 49 Ch 132572/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.27 W/kg

**LHS/Touch\_QPSK RB 1, 49 Ch 132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.62 V/m; Power Drift = 0.16 dB

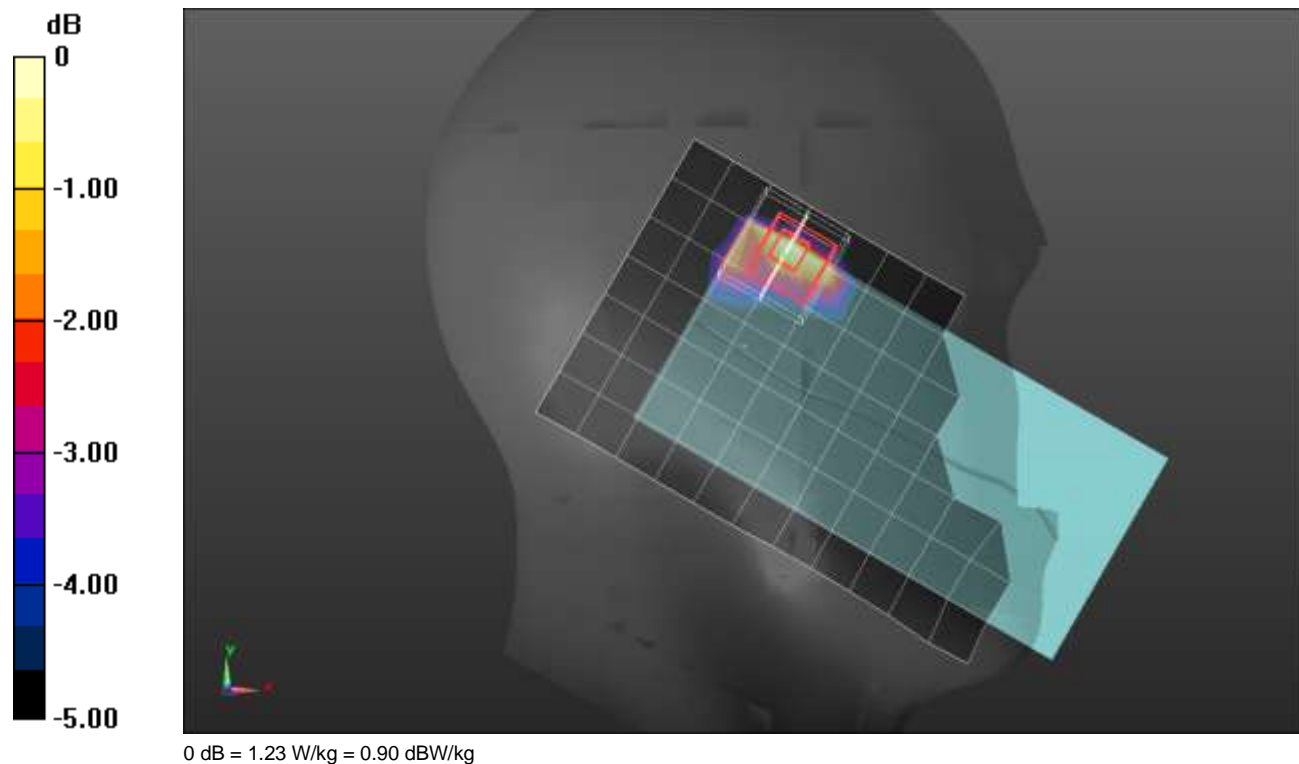
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.367 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

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



**LTE Band 66 ANT 4**

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.411$  S/m;  $\epsilon_r = 38.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1770 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 50,24 Ch 132572/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.820 W/kg

**Rear/QPSK RB 50,24 Ch 132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.86 V/m; Power Drift = 0.13 dB

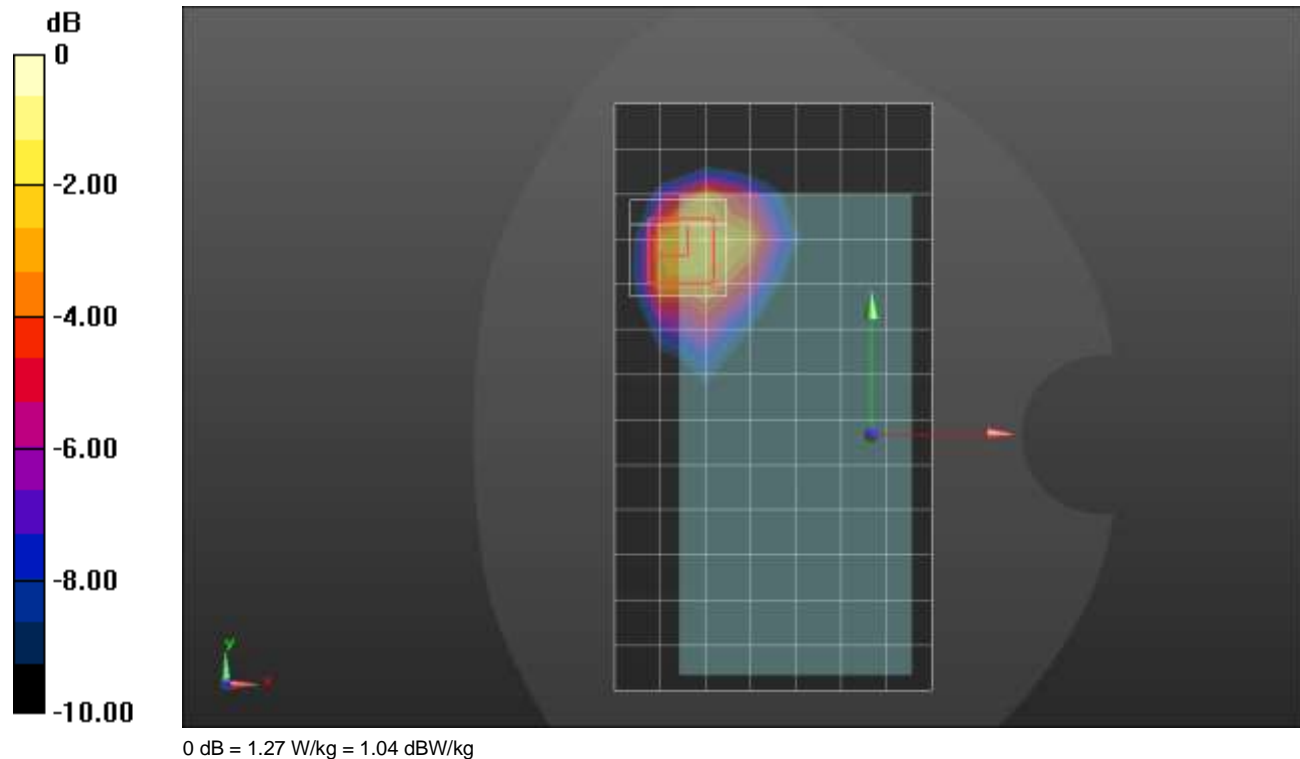
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.412 W/kg**

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 1.27 W/kg



## LTE Band 71 ANT 1

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.869$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1,49 Ch 133297/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.158 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 133297/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

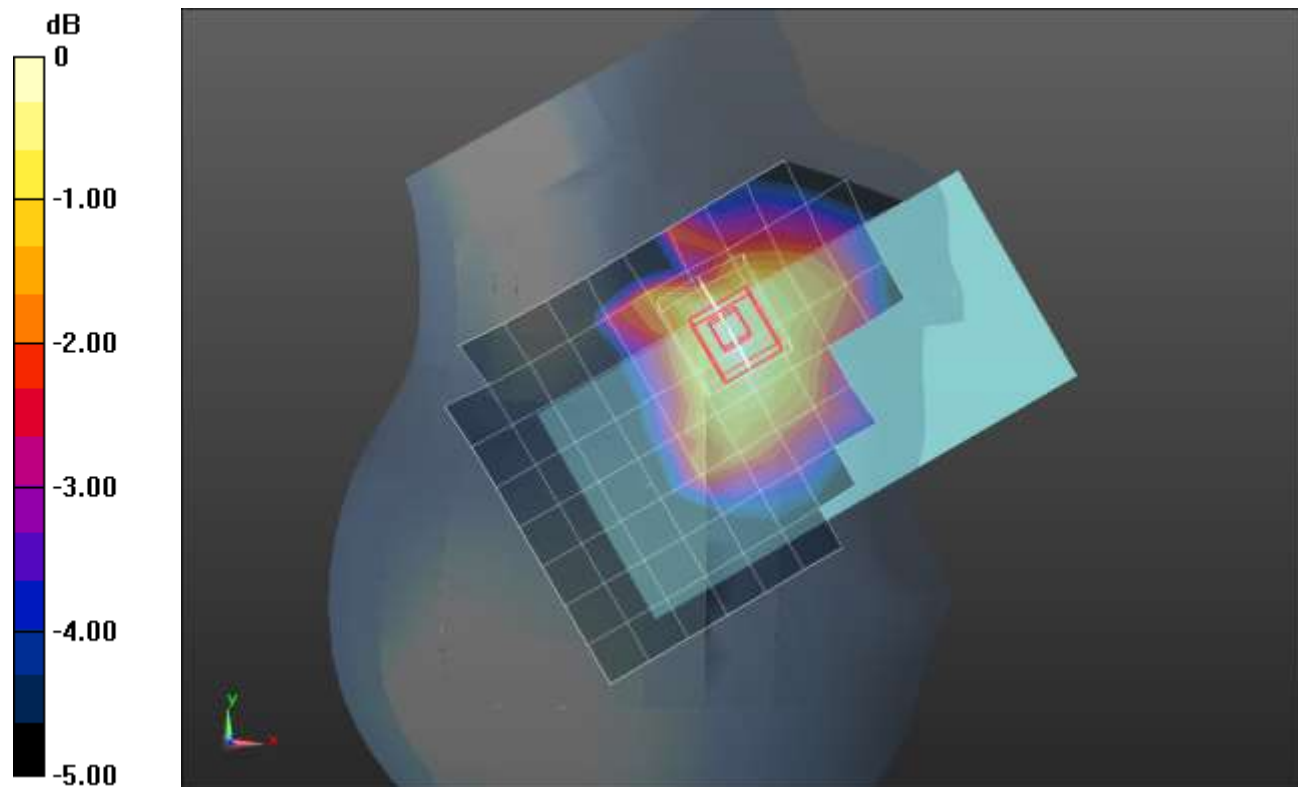
Reference Value = 13.75 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.099 W/kg**

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

Maximum value of SAR (measured) = 0.162 W/kg



## LTE Band 71 ANT 1

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 45.918$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 1,49 Ch 133297/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.673 W/kg

**Rear/QPSK RB 1,49 Ch 133297/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

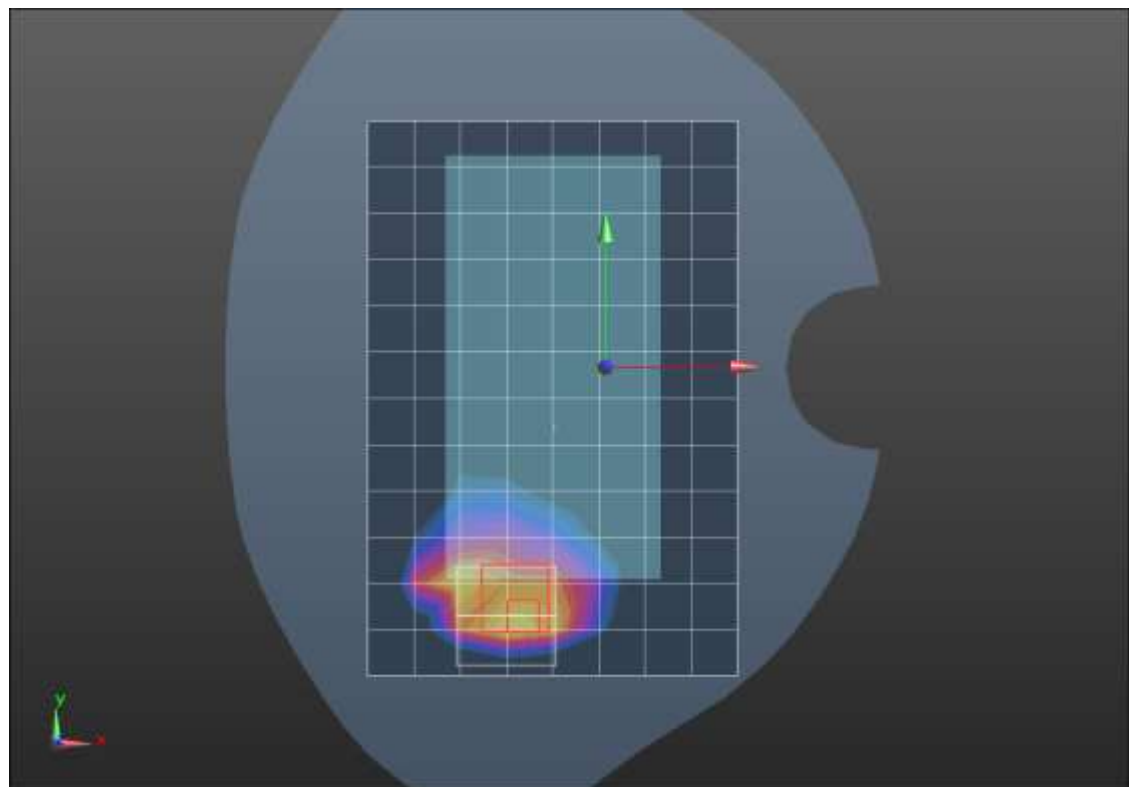
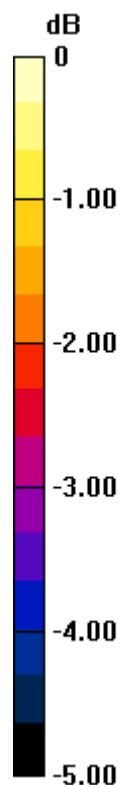
Reference Value = 29.28 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.270 W/kg**

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

Maximum value of SAR (measured) = 0.772 W/kg



0 dB = 0.772 W/kg = -1.12 dBW/kg

## LTE Band 71 ANT 1

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 41.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Edge 2/QPSK RB 1,49 Ch 133297/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.971 W/kg

**Edge 2/QPSK RB 1,49 Ch 133297/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

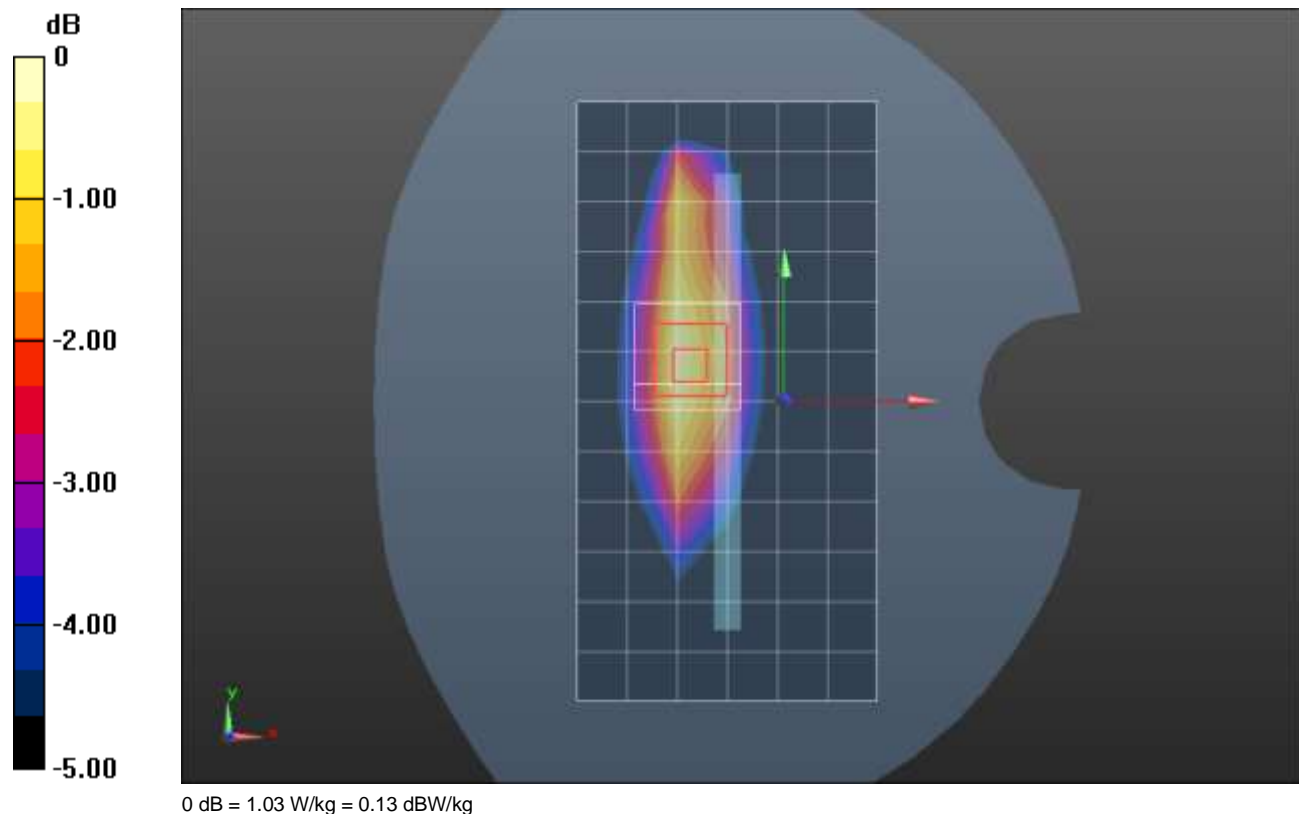
Reference Value = 34.85 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.453 W/kg**

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

Maximum value of SAR (measured) = 1.03 W/kg



## LTE Band 71 ANT 2

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 41.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_QPSK RB 1,49 Ch 133297/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.890 W/kg

**RHS/Touch\_QPSK RB 1,49 Ch 133297/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

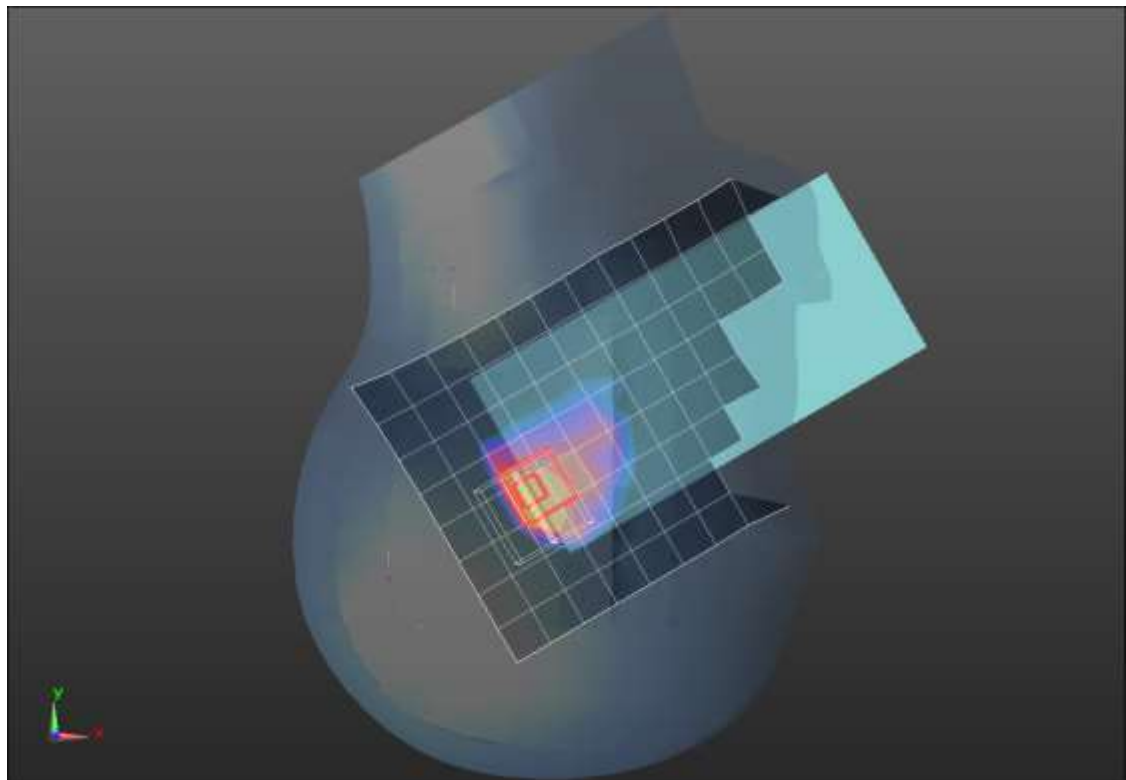
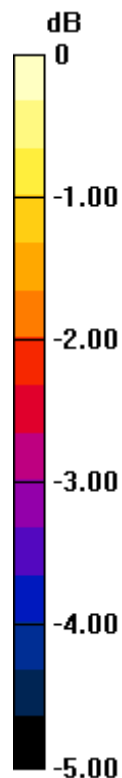
Reference Value = 33.70 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.416 W/kg**

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

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



0 dB = 1.24 W/kg = 0.93 dBW/kg



## LTE Band 71 ANT 2

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 41.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/QPSK RB 1,49 Ch 133297/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.941 W/kg

**Rear/QPSK RB 1,49 Ch 133297/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

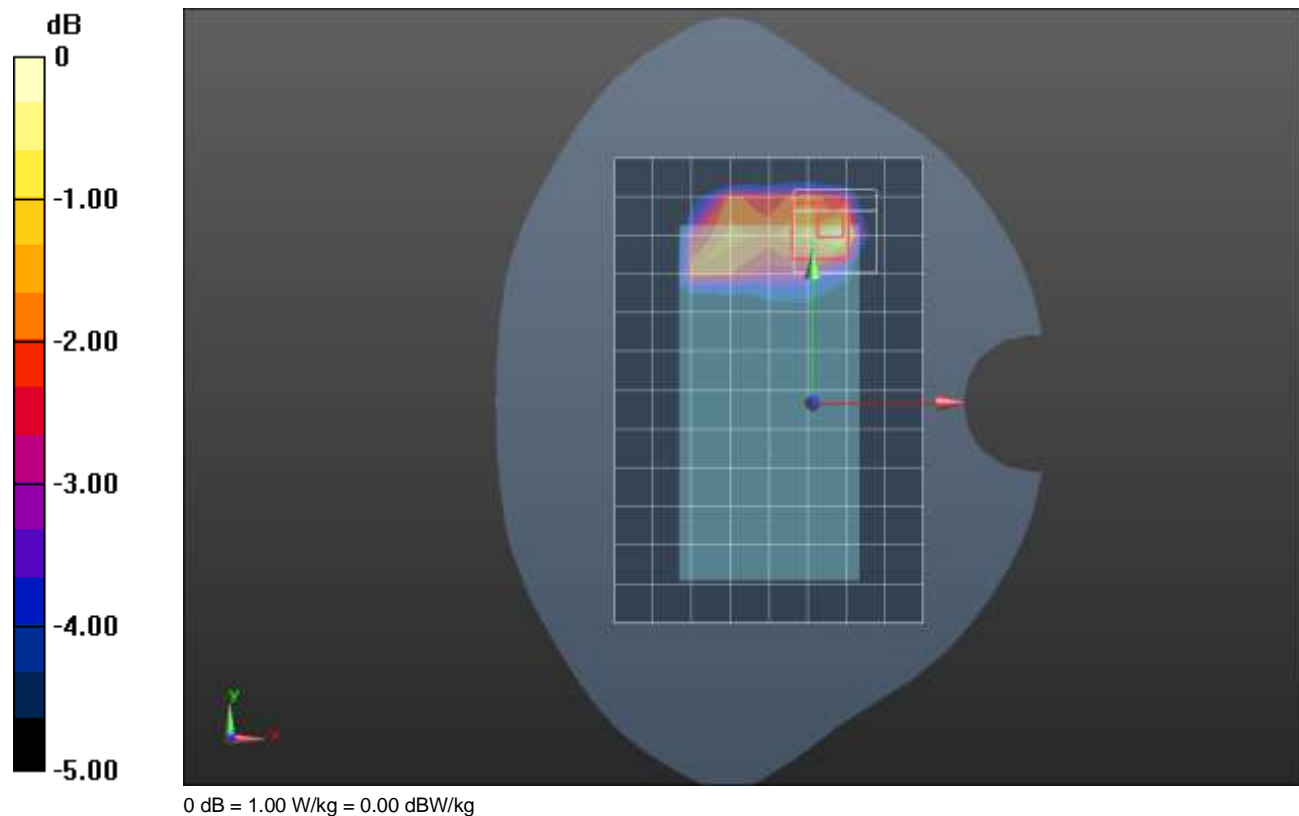
Reference Value = 34.05 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.341 W/kg**

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

Maximum value of SAR (measured) = 1.00 W/kg



## Wi-Fi 2.4GHz ANT 3 CELL OFF

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;  $\sigma = 1.774$  S/m;  $\epsilon_r = 41.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_802.11b\_ch 6/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.305 W/kg

**LHS/Touch\_802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.730 V/m; Power Drift = 0.19 dB

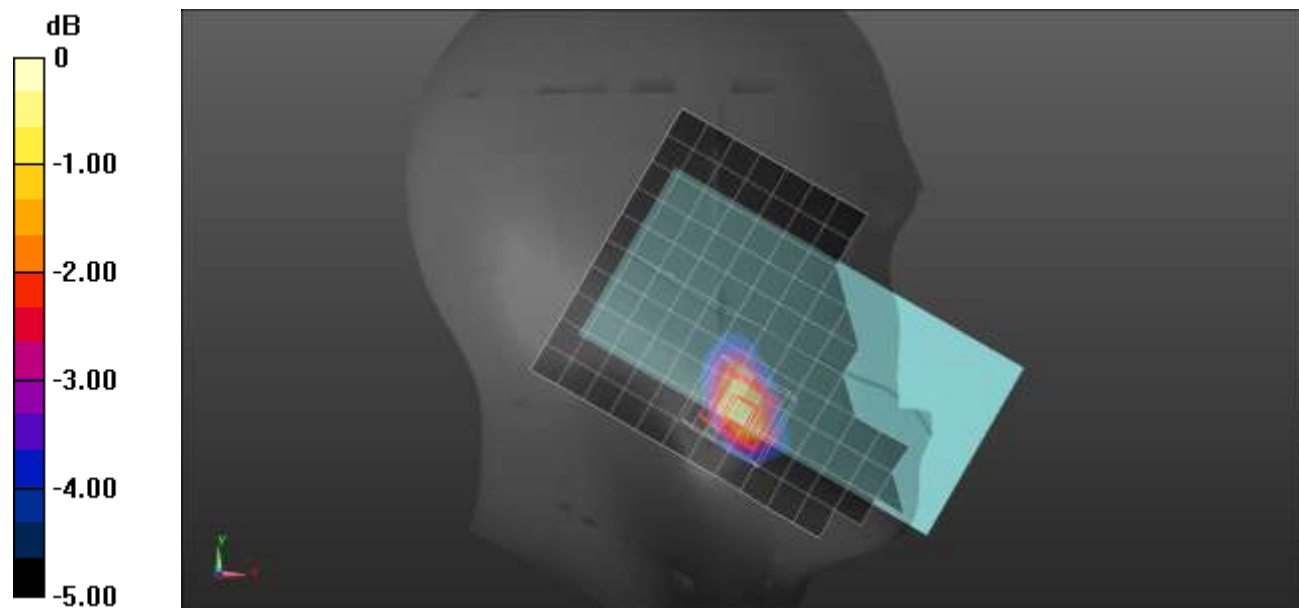
Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.120 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 0.319 W/kg



## Wi-Fi 2.4GHz ANT 3 CELL OFF

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;  $\sigma = 1.765$  S/m;  $\epsilon_r = 37.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11b\_ch 6/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.11 W/kg

**Rear/802.11b\_ch 6/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.64 V/m; Power Drift = -0.05 dB

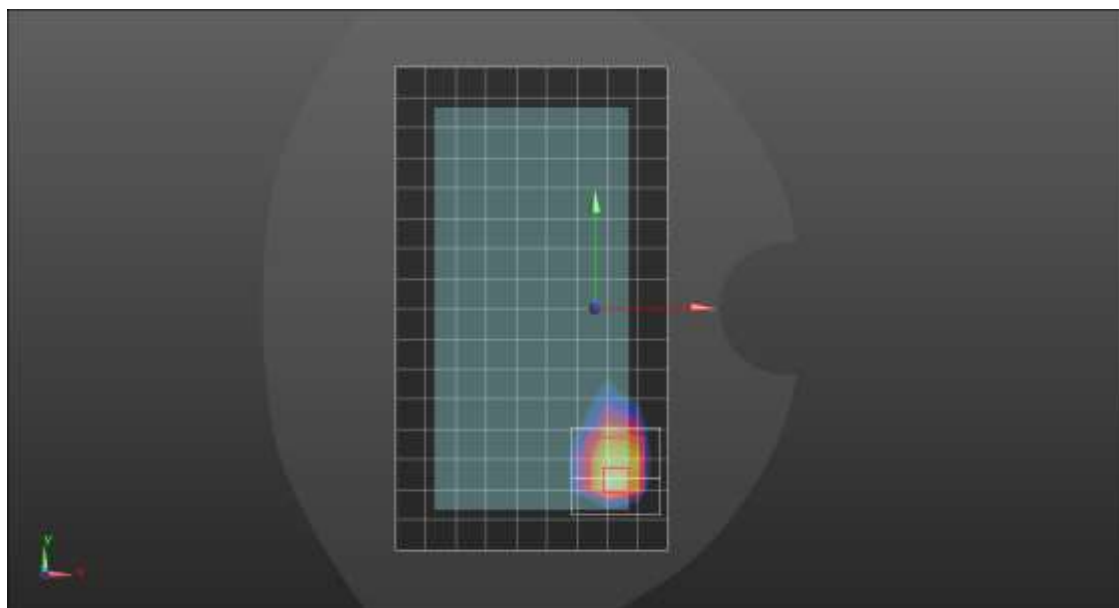
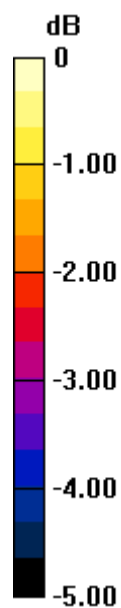
Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.358 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 43.2%

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



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

## Wi-Fi 2.4GHz ANT 3 CELL OFF

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;  $\sigma = 1.765$  S/m;  $\epsilon_r = 37.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 4/802.11b\_ch 6/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 4/802.11b\_ch 6/Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.52 V/m; Power Drift = 0.08 dB

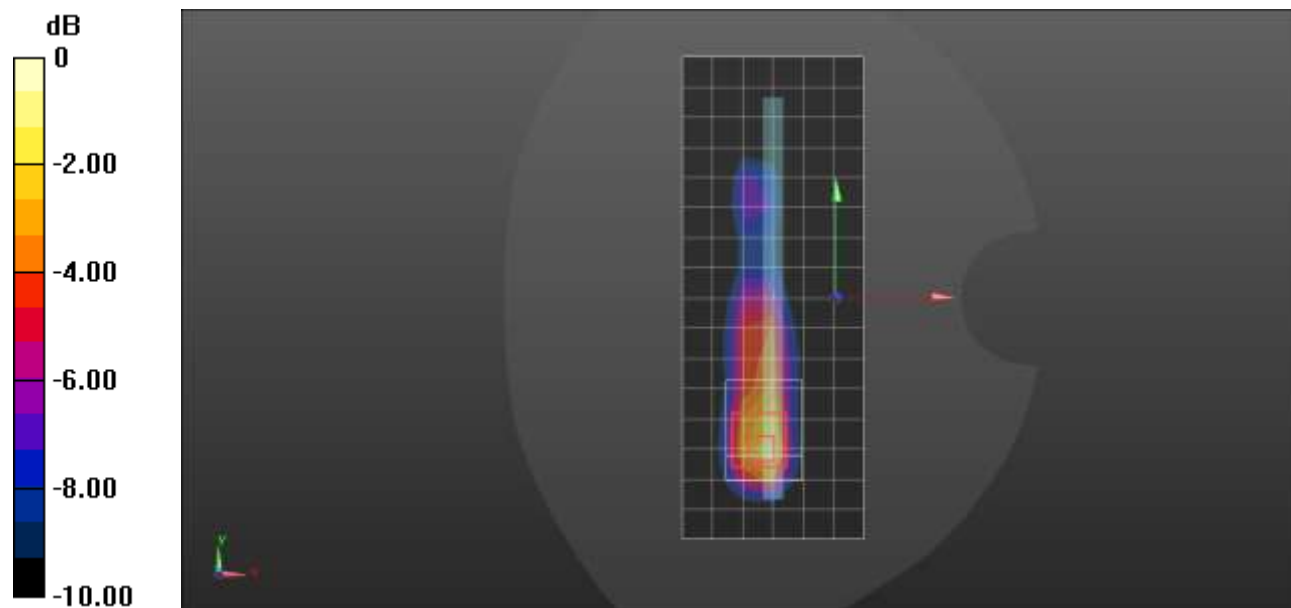
Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.371 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

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



0 dB = 1.44 W/kg = 1.58 dBW/kg

## Wi-Fi 2.4GHz ANT 4 CELL OFF

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;  $\sigma = 1.741$  S/m;  $\epsilon_r = 40.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_802.11b\_ch 6/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

**LHS/Touch\_802.11b\_ch 6/Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.73 V/m; Power Drift = -0.00 dB

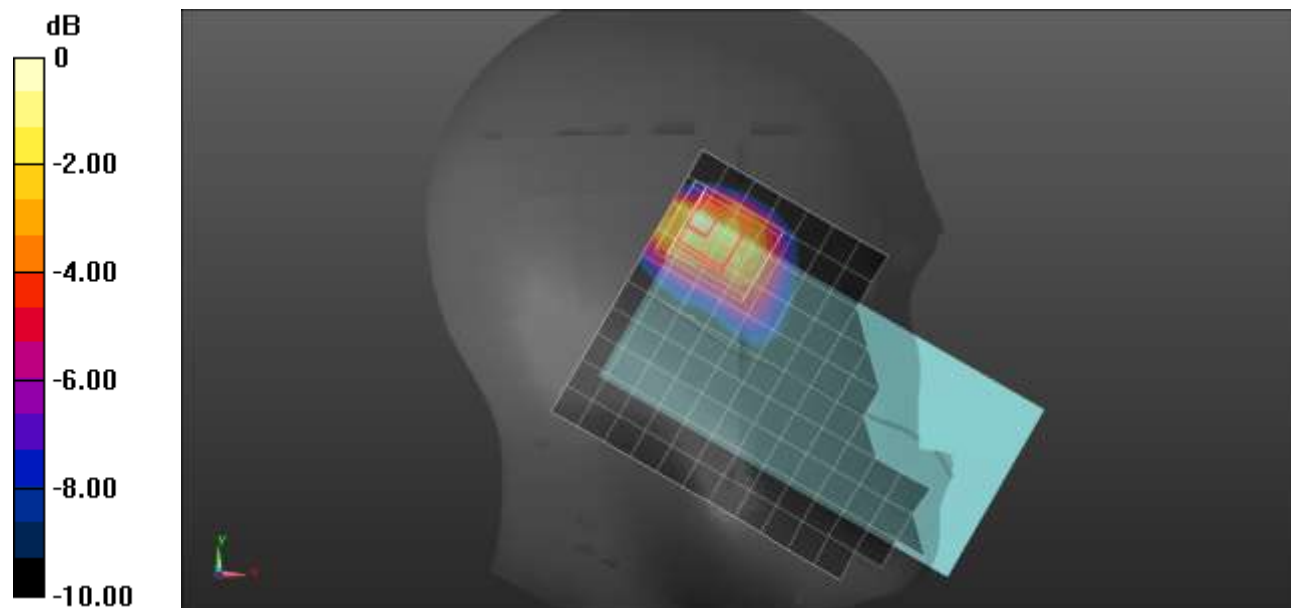
Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.446 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 39.4%

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



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

## Wi-Fi 2.4GHz ANT 4 CELL OFF

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;  $\sigma = 1.774$  S/m;  $\epsilon_r = 41.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11b\_ch 6/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.00 W/kg

**Rear/802.11b\_ch 6/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.69 V/m; Power Drift = -0.14 dB

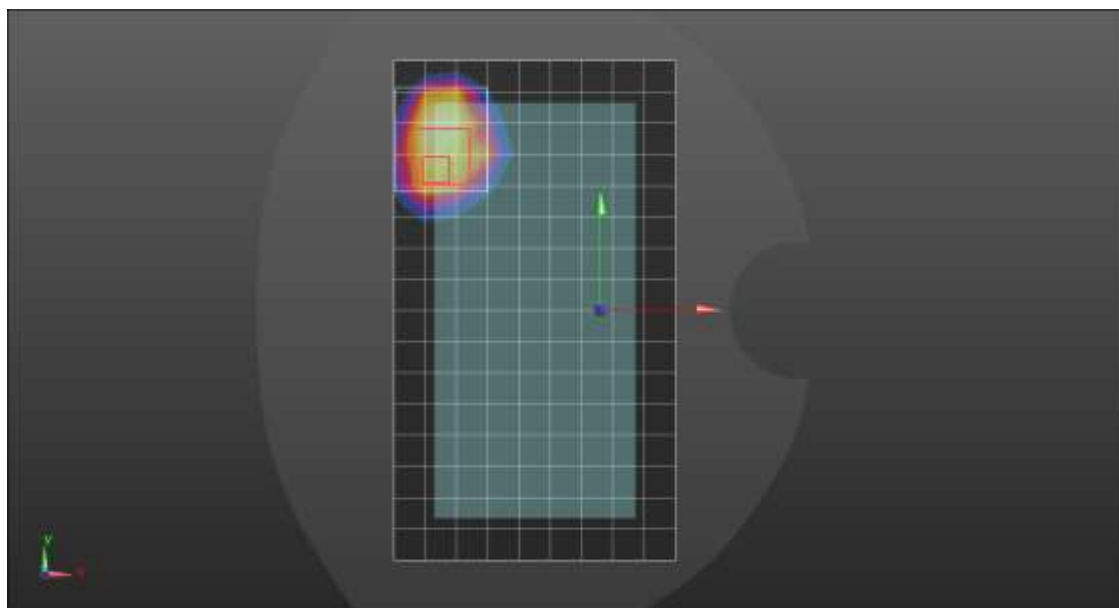
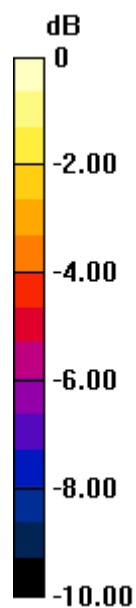
Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.317 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 40.9%

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

## Wi-Fi 2.4GHz ANT 4 CELL OFF

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;  $\sigma = 1.774$  S/m;  $\epsilon_r = 41.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 2/802.11b\_ch 6/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 2/802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.87 V/m; Power Drift = 0.12 dB

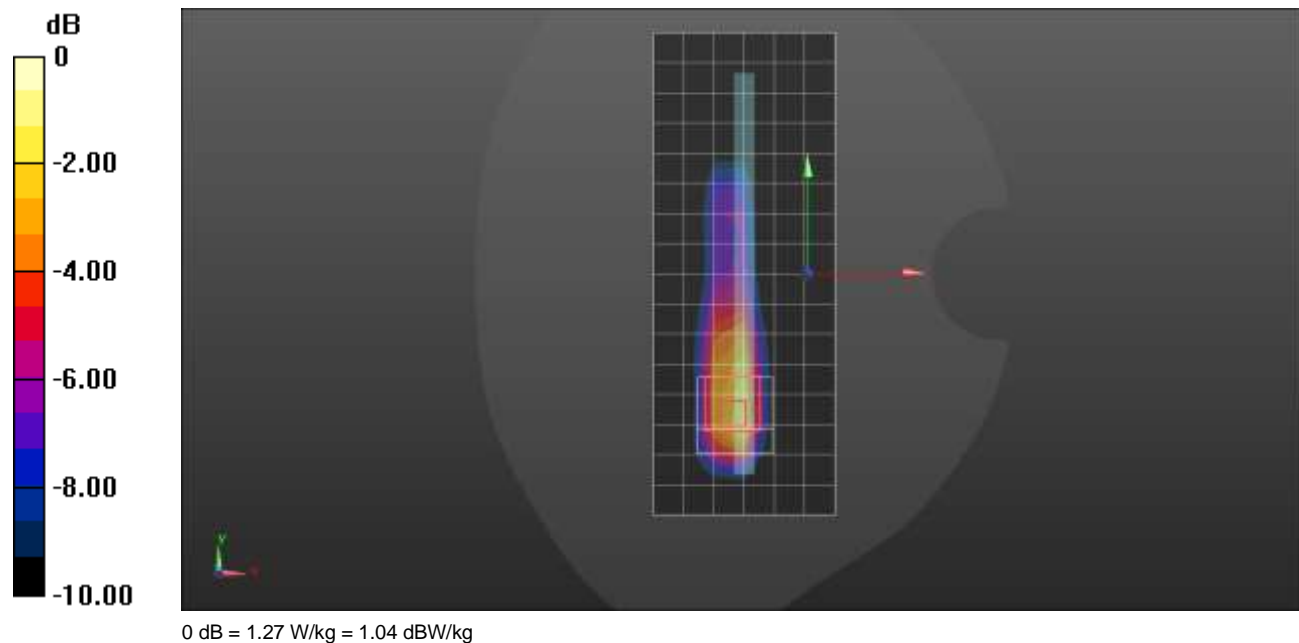
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.329 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.4%

Maximum value of SAR (measured) = 1.27 W/kg





## Wi-Fi 2.4GHz ANT 3 CELL ON

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;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_802.11b\_ch 6/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.266 W/kg

**LHS/Touch\_802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.96 V/m; Power Drift = -0.04 dB

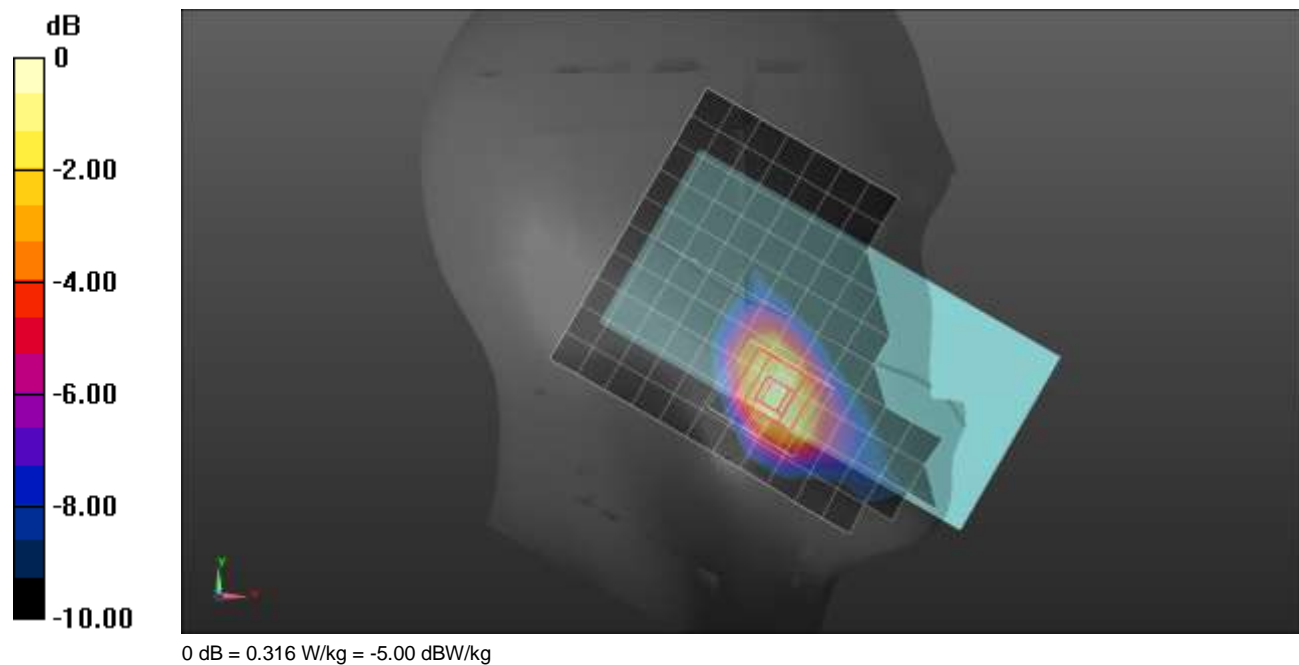
Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.110 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.316 W/kg



## Wi-Fi 2.4GHz ANT 3 CELL ON

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;  $\sigma = 1.774$  S/m;  $\epsilon_r = 41.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11b\_ch 6/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.314 W/kg

**Rear/802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.12 V/m; Power Drift = -0.02 dB

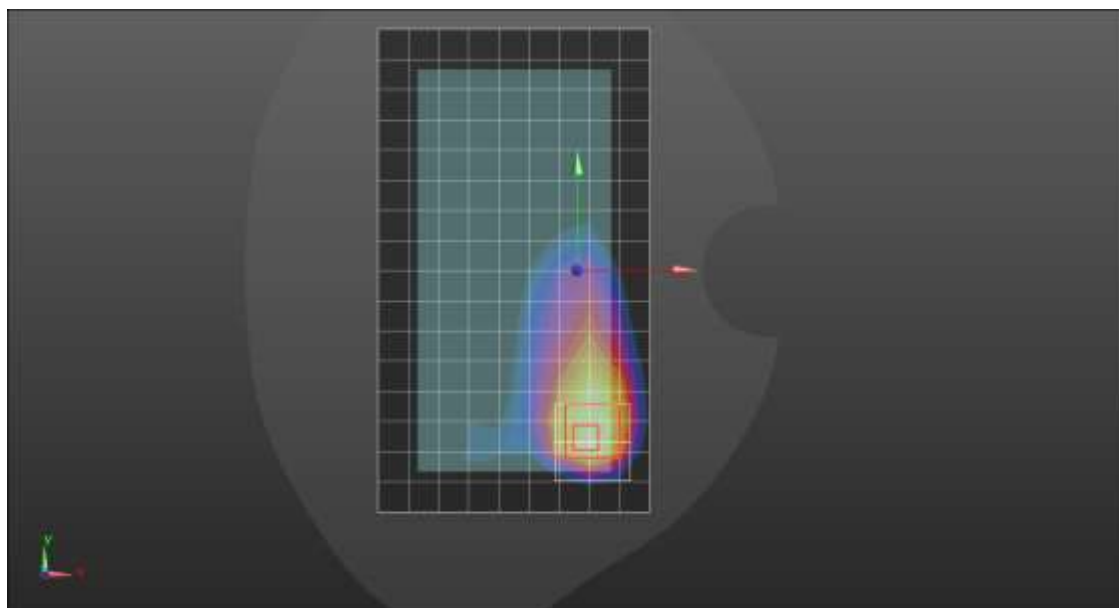
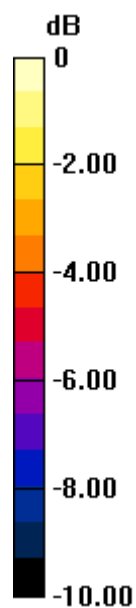
Peak SAR (extrapolated) = 0.451 W/kg

**SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.109 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.5%

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg

## Wi-Fi 2.4GHz ANT 3 CELL ON

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;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 4/802.11b\_ch 6/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.687 W/kg

**Edge 4/802.11b\_ch 6/Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.98 V/m; Power Drift = 0.00 dB

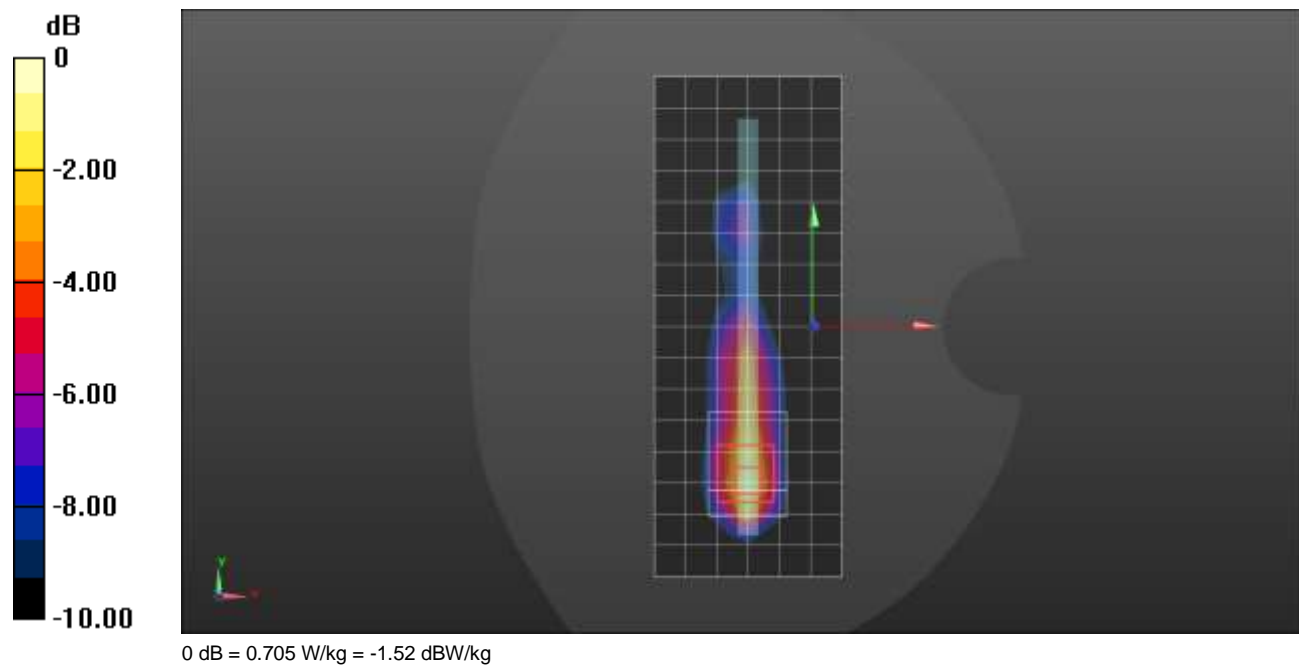
Peak SAR (extrapolated) = 0.886 W/kg

**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.180 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 0.705 W/kg



## Wi-Fi 2.4GHz ANT 4 CELL ON

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;  $\sigma = 1.765$  S/m;  $\epsilon_r = 37.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_802.11b\_ch 6/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.529 W/kg

**LHS/Touch\_802.11b\_ch 6/Zoom Scan (8x10x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.45 V/m; Power Drift = 0.00 dB

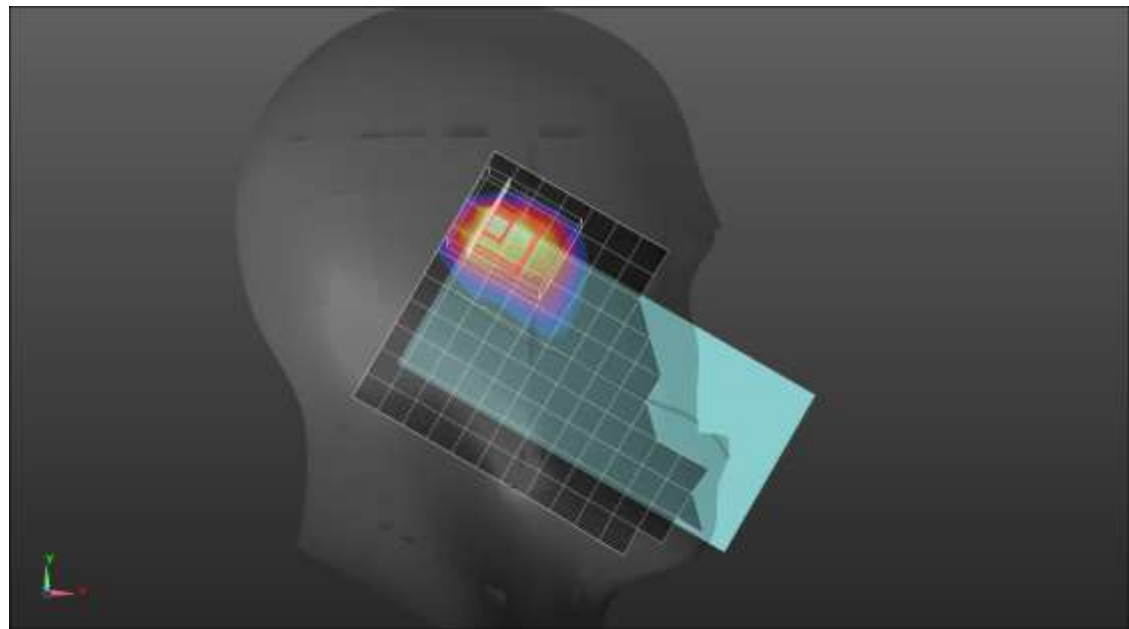
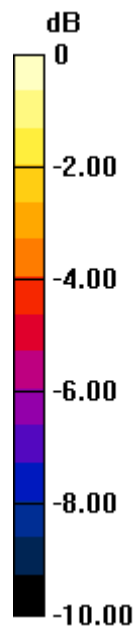
Peak SAR (extrapolated) = 0.780 W/kg

**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.169 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 39.9%

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

## Wi-Fi 2.4GHz ANT 4 CELL ON

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;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11b\_ch 6/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.429 W/kg

**Rear/802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.92 V/m; Power Drift = -0.12 dB

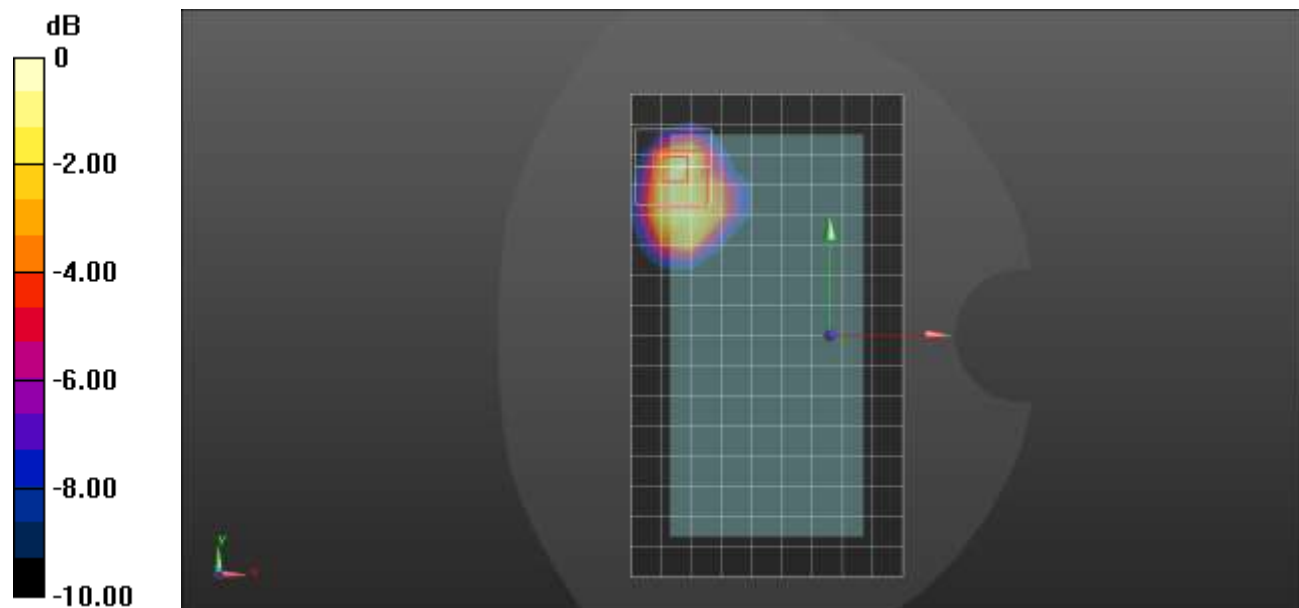
Peak SAR (extrapolated) = 0.722 W/kg

**SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.142 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 41%

Maximum value of SAR (measured) = 0.537 W/kg



## Wi-Fi 2.4GHz ANT 4 CELL ON

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;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 2/802.11b\_ch 6/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.655 W/kg

**Edge 2/802.11b\_ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.38 V/m; Power Drift = -0.09 dB

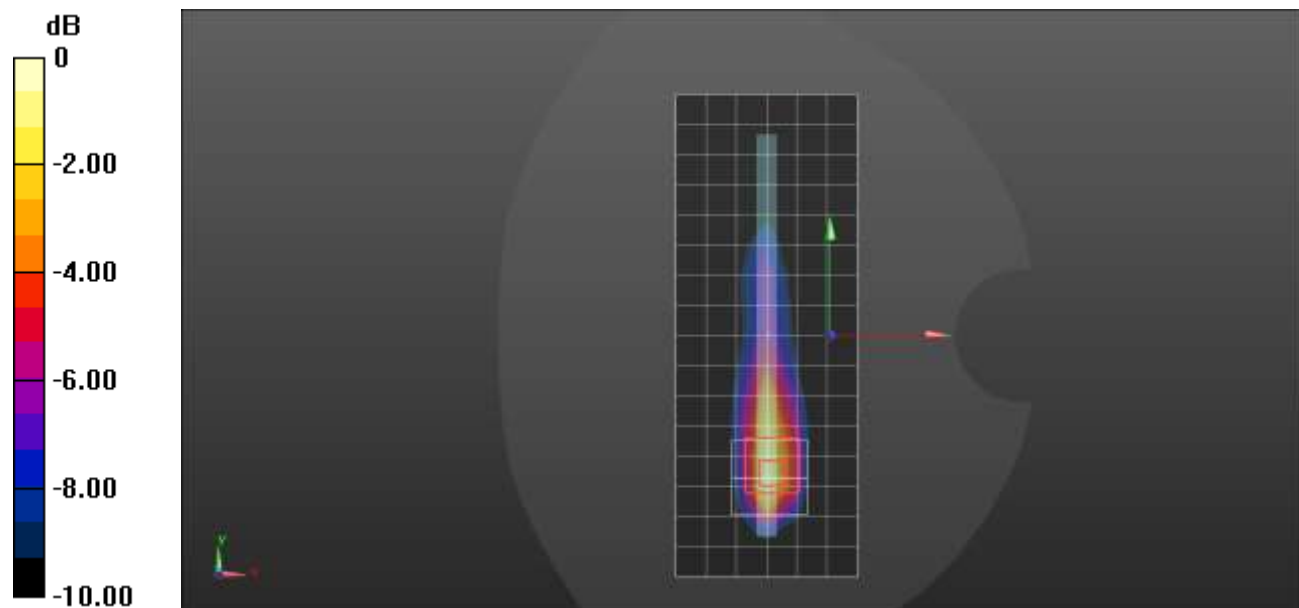
Peak SAR (extrapolated) = 0.921 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.179 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

## Wi-Fi 5.2GHz ANT 5 CELL OFF

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.58$  S/m;  $\epsilon_r = 34.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5270 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**RHS/Touch\_802.11n HT40\_Ch 54/Area Scan (11x16x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.0980 W/kg

**RHS/Touch\_802.11n HT40\_Ch 54/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.667 V/m; Power Drift = -0.13 dB

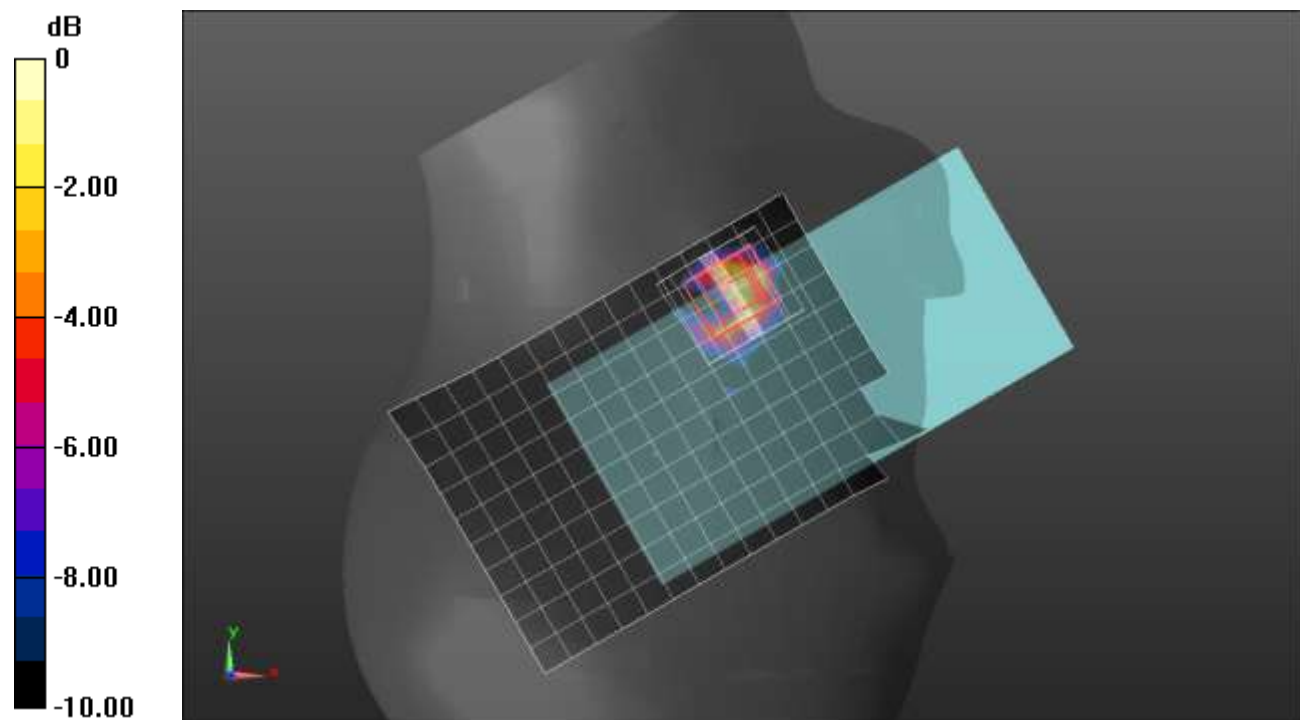
Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.020 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 48%

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg



## Wi-Fi 5.2GHz ANT 5 CELL OFF

Frequency: 5230 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5230$  MHz;  $\sigma = 4.502$  S/m;  $\epsilon_r = 34.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5230 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Rear/802.11n\_HT40\_Ch 46/Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.82 W/kg

**Rear/802.11n\_HT40\_Ch 46/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.14 V/m; Power Drift = -0.16 dB

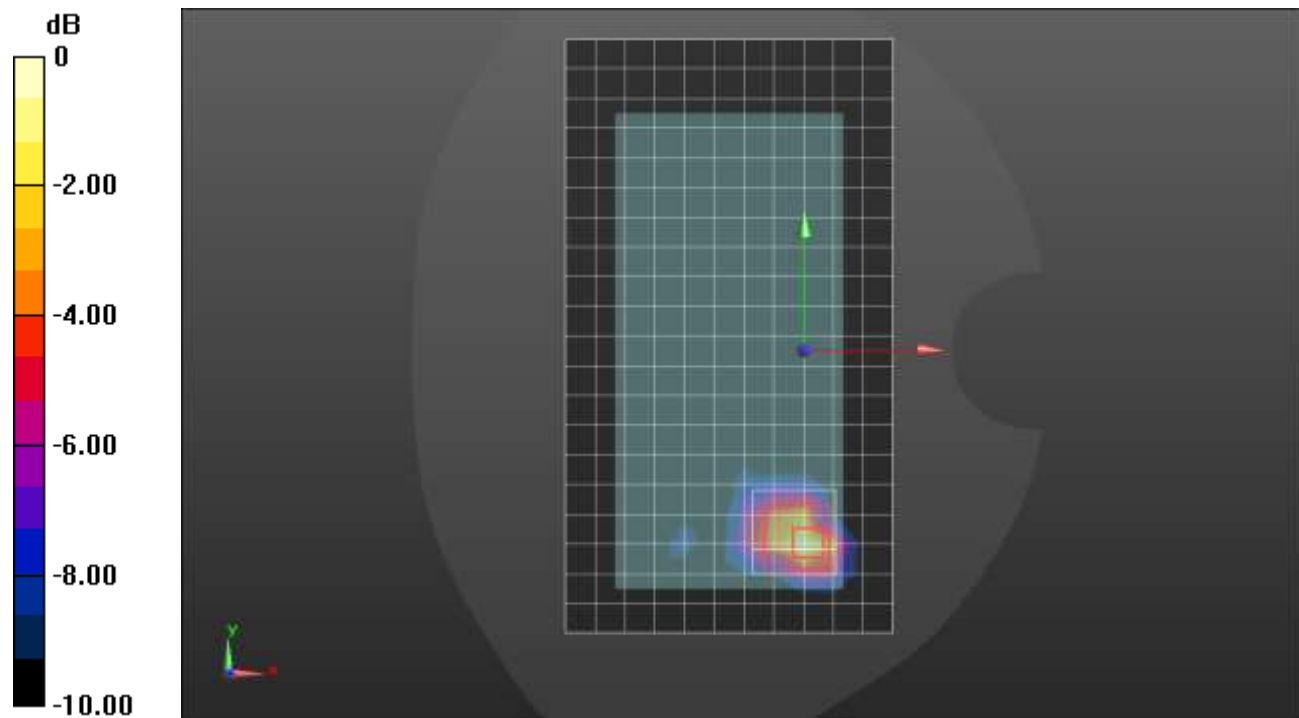
Peak SAR (extrapolated) = 3.01 W/kg

**SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.270 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 1.86 W/kg



## Wi-Fi 5.6GHz ANT 5 CELL OFF

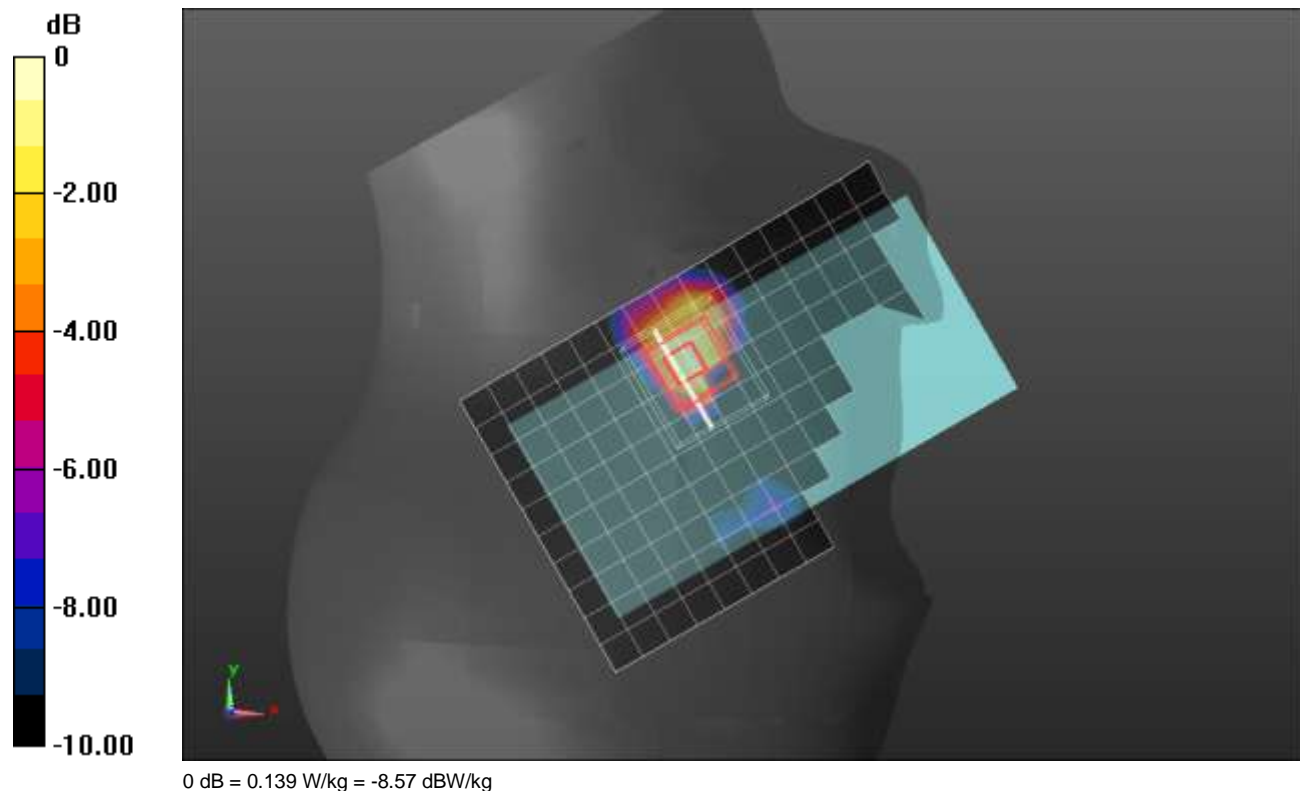
Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.913$  S/m;  $\epsilon_r = 36.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_802.11ac VHT80\_Ch 122/Area Scan (11x19x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.136 W/kg

**RHS/Touch\_802.11ac VHT80\_Ch 122/Zoom Scan (10x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 4.520 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 0.239 W/kg  
**SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.020 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.3 mm  
Ratio of SAR at M2 to SAR at M1 = 57.2%  
Maximum value of SAR (measured) = 0.139 W/kg



## Wi-Fi 5.6GHz ANT 5 CELL OFF

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 36.716$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11ac VHT80\_Ch 122/Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.78 W/kg

**Rear/802.11ac VHT80\_Ch 122/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.32 V/m; Power Drift = -0.19 dB

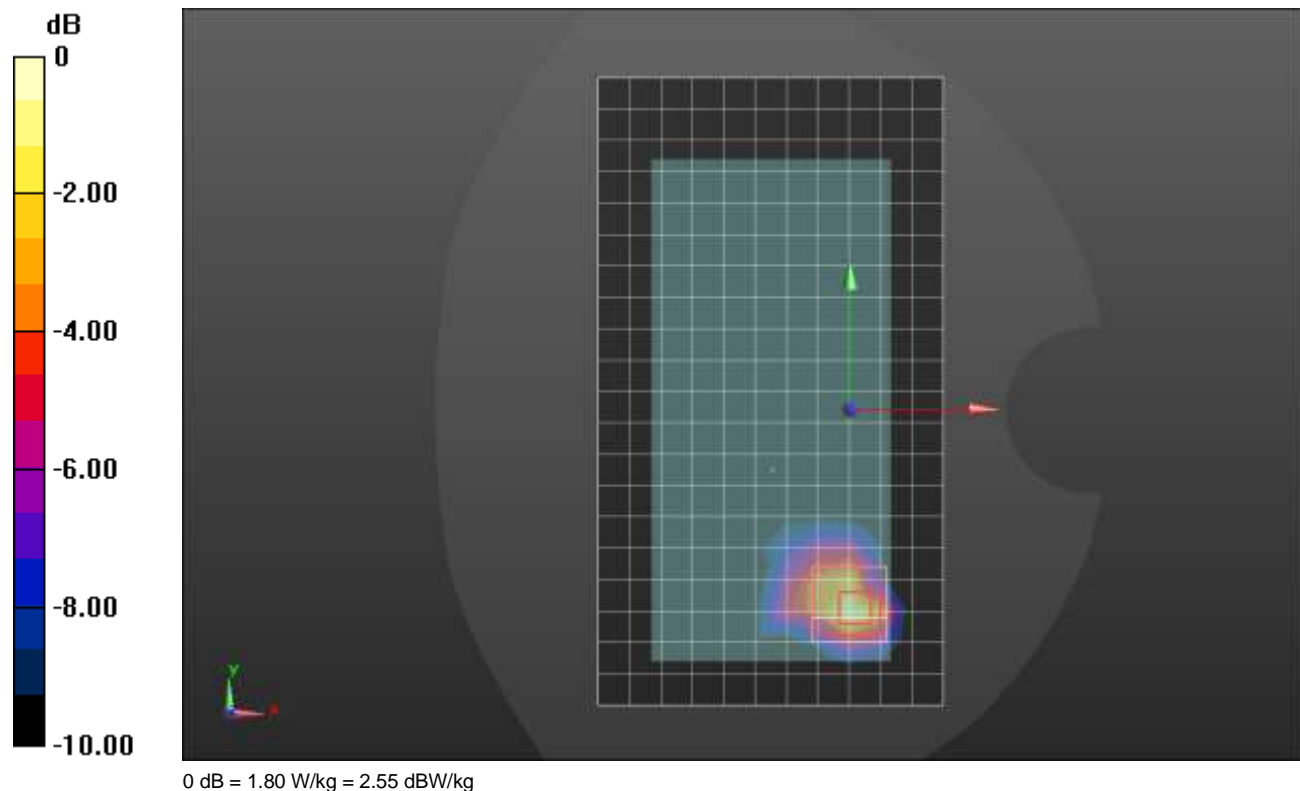
Peak SAR (extrapolated) = 3.23 W/kg

**SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.245 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 1.80 W/kg



**Wi-Fi 5.6GHz ANT 5 CELL OFF**

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.168$  S/m;  $\epsilon_r = 35.337$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5785 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**RHS/Q80\_KCFVC3HP46\_Touch\_802.11a\_Ch 157/Area Scan (12x20x1):** Measurement grid:  
dx=10mm, dy=10mm

Warning: Max. deviation from surface normal is 30% (see IEC/IEEE measurement standards).

Maximum value of SAR (measured) = 0.0872 W/kg

**RHS/Q80\_KCFVC3HP46\_Touch\_802.11a\_Ch 157/Zoom Scan (12x11x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.898 V/m; Power Drift = -0.04 dB

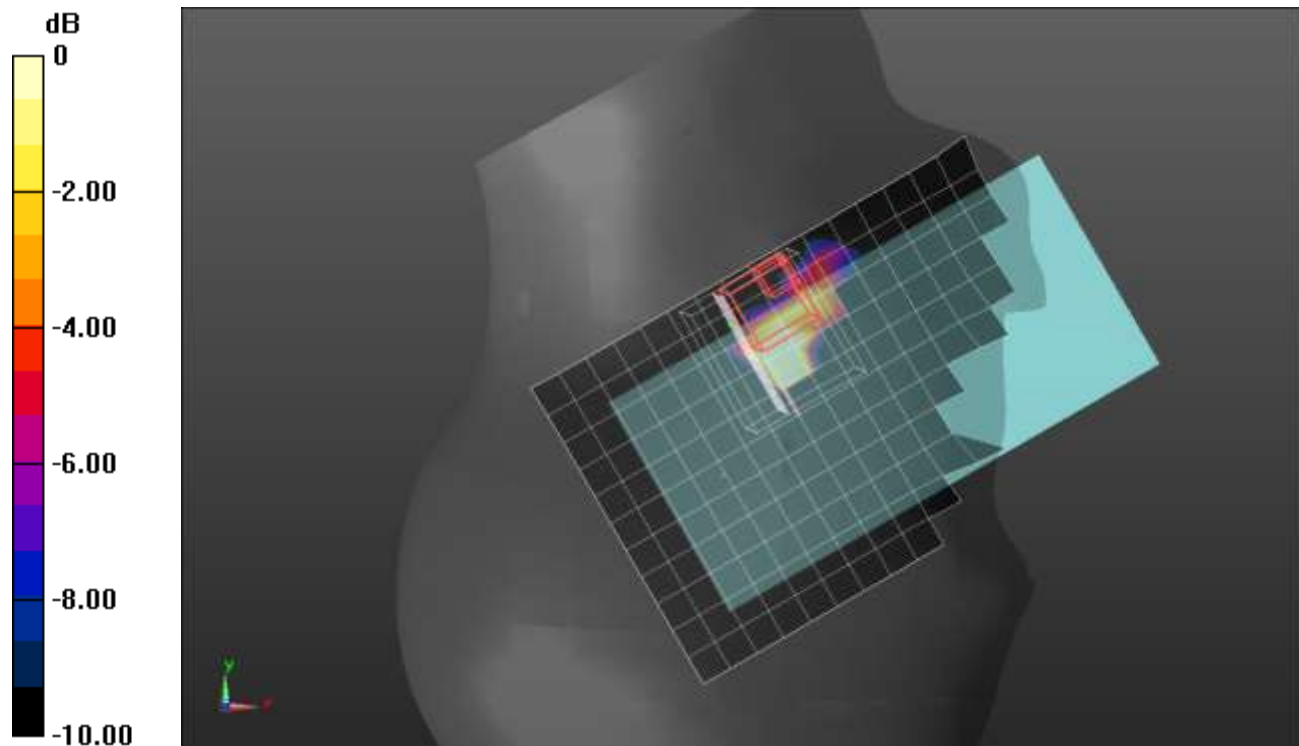
Peak SAR (extrapolated) = 0.208 W/kg

**SAR(1 g) = 0.009 W/kg; SAR(10 g) = 0.001 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 20 mm)

Ratio of SAR at M2 to SAR at M1 = 72%

Maximum value of SAR (measured) = 0.0556 W/kg



0 dB = 0.0556 W/kg = -12.55 dBW/kg

## Wi-Fi 5.8GHz ANT 5 Cell OFF

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.101$  S/m;  $\epsilon_r = 36.553$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Rear/802.11ac VHT80\_Ch 155/Area Scan (14x20x1):** Measurement grid: dx=10mm, dy=10mm

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

**Rear/802.11ac VHT80\_Ch 155/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.91 V/m; Power Drift = 0.00 dB

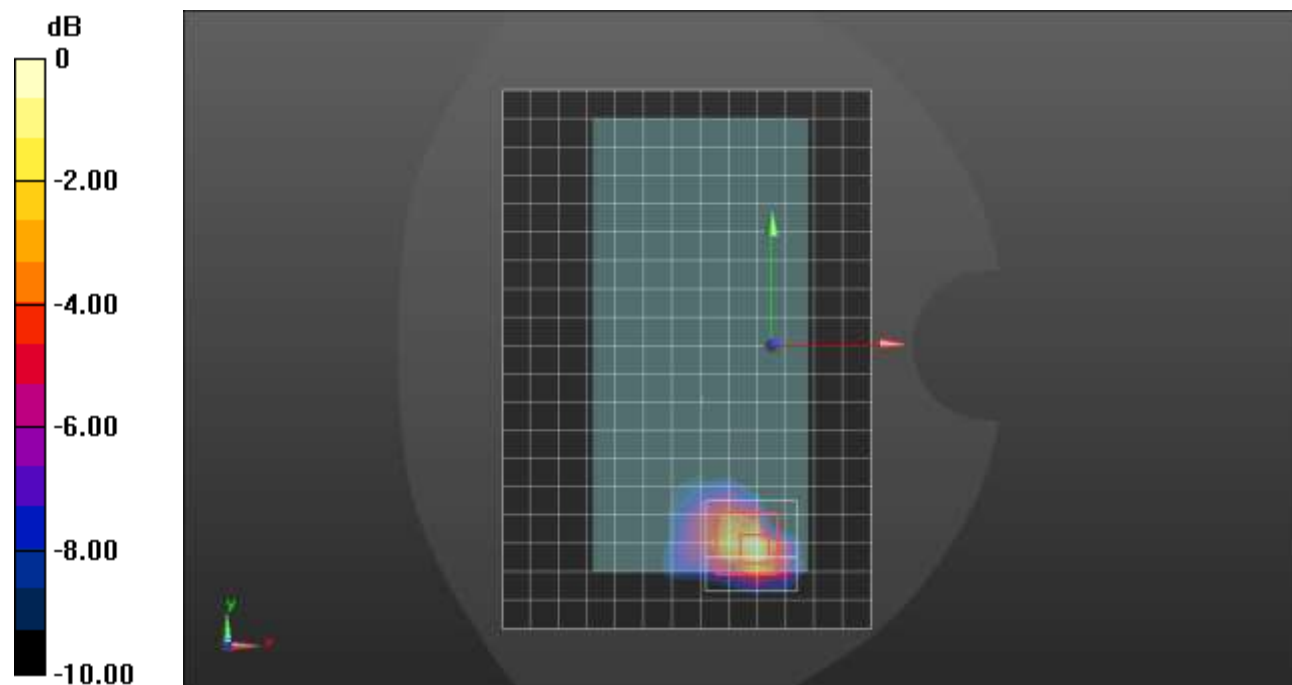
Peak SAR (extrapolated) = 3.12 W/kg

**SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.239 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

## Wi-Fi 5.3GHz ANT 6 CELL OFF

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.58$  S/m;  $\epsilon_r = 34.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5270 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**RHS/Touch\_802.11n HT40\_Ch 54/Area Scan (11x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.76 W/kg

**RHS/Touch\_802.11n HT40\_Ch 54/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.02 V/m; Power Drift = 0.19 dB

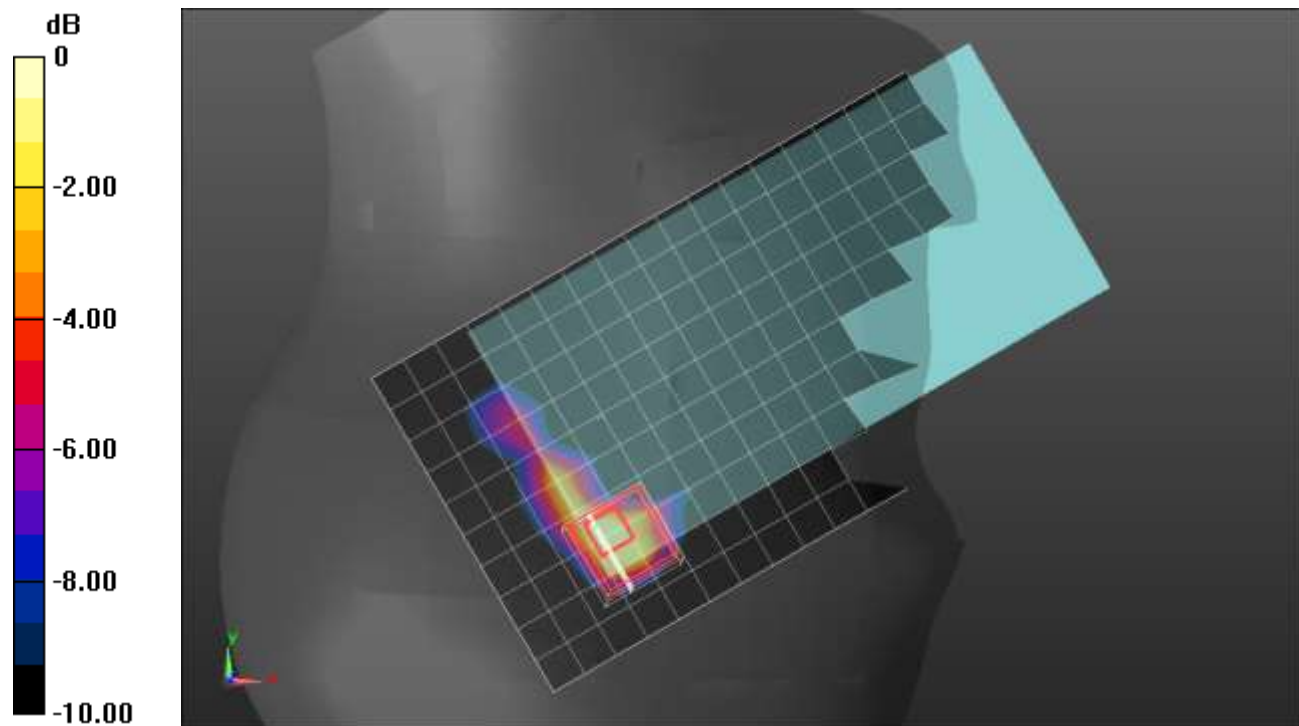
Peak SAR (extrapolated) = 3.63 W/kg

**SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.305 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

## Wi-Fi 5.5GHz ANT 6 CELL OFF

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.162$  S/m;  $\epsilon_r = 34.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_802.11ac VHT80\_Ch 122/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.60 W/kg

**RHS/Touch\_802.11ac VHT80\_Ch 122/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.67 V/m; Power Drift = -0.11 dB

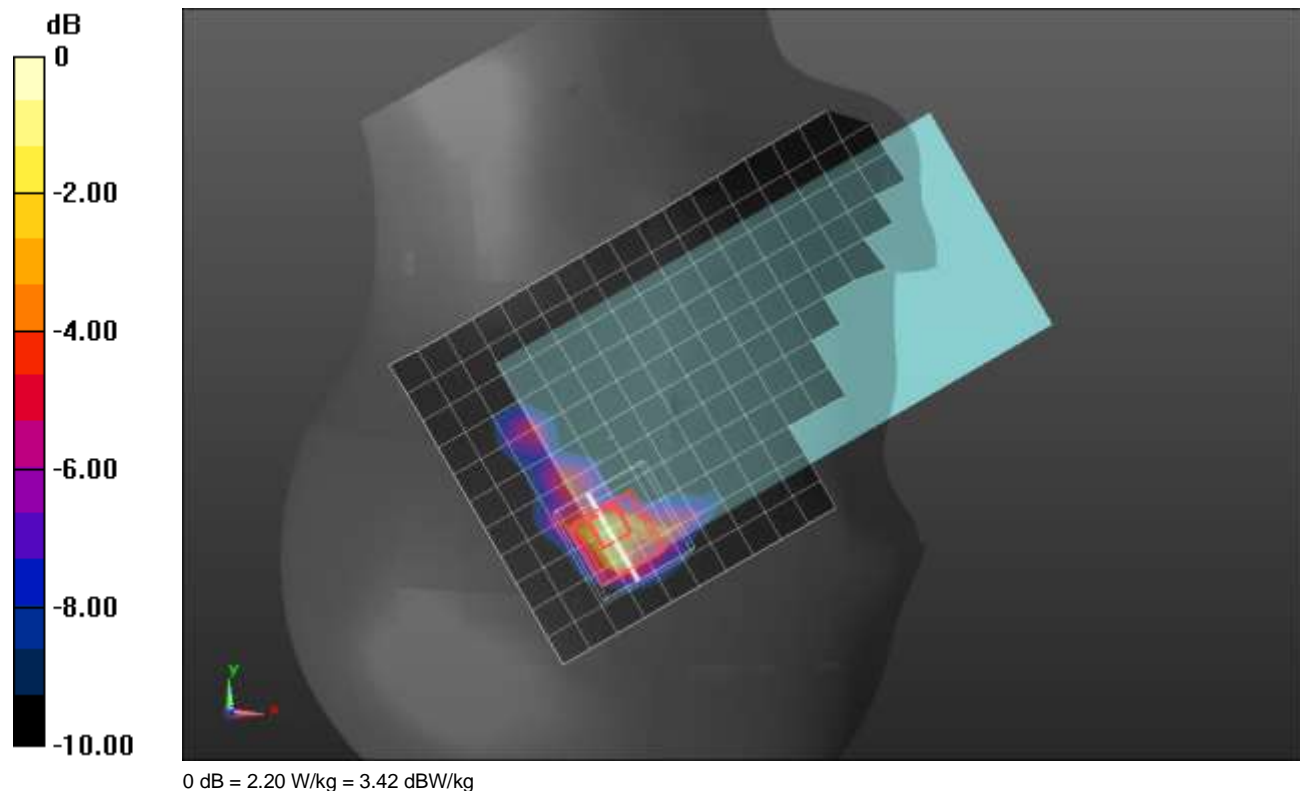
Peak SAR (extrapolated) = 3.38 W/kg

**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.260 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 2.20 W/kg





**Wi-Fi 5.5GHz ANT 6 CELL OFF**

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.248$  S/m;  $\epsilon_r = 34.749$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.8, 4.8, 4.8) @ 5690 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_802.11ac VHT80\_Ch 138/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.66 W/kg

**RHS/Touch\_802.11ac VHT80\_Ch 138/Zoom Scan (9x10x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.23 V/m; Power Drift = 0.05 dB

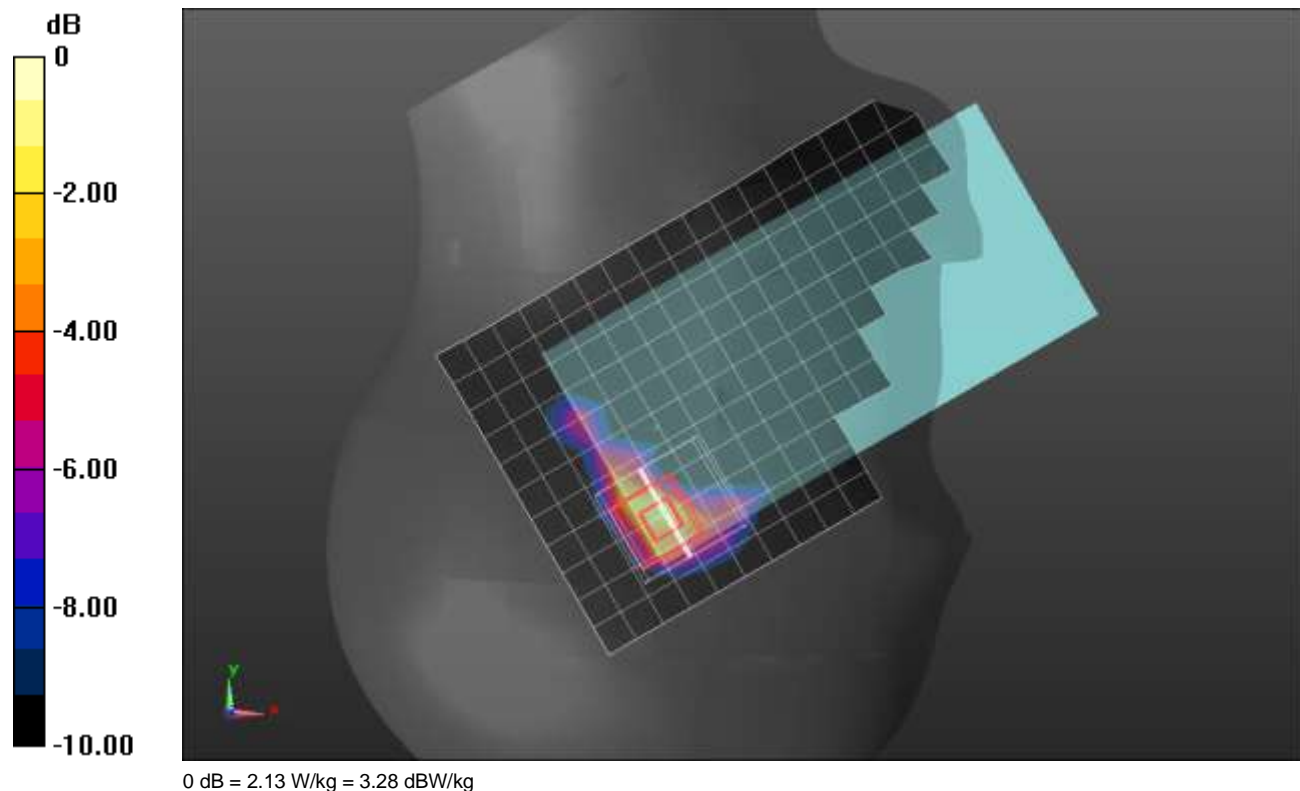
Peak SAR (extrapolated) = 3.51 W/kg

**SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.249 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

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



## Wi-Fi 5.5GHz ANT 6 CELL OFF

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.072$  S/m;  $\epsilon_r = 34.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5530 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11ac VHT80\_Ch 106/Area Scan (11x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.71 W/kg

**Rear/802.11ac VHT80\_Ch 106/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.13 V/m; Power Drift = -0.11 dB

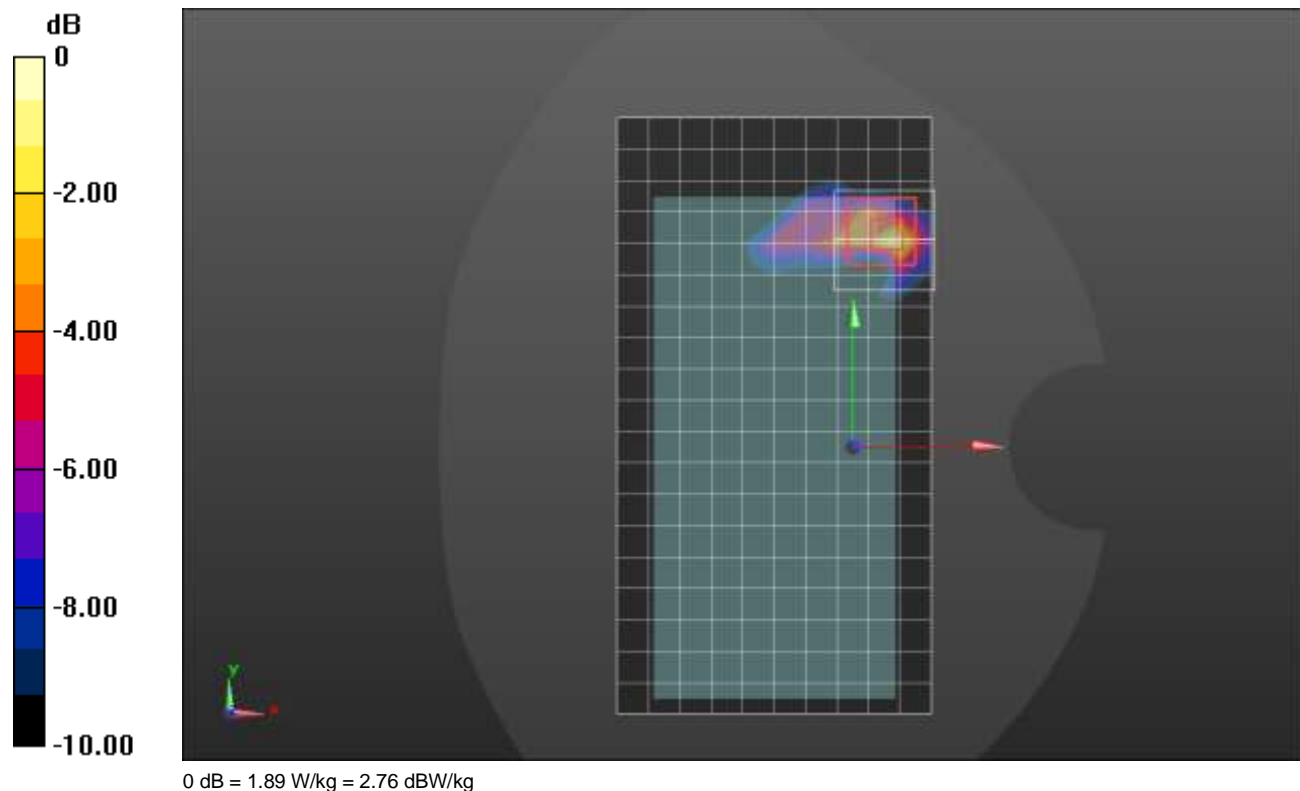
Peak SAR (extrapolated) = 3.53 W/kg

**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.200 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 1.89 W/kg



## Wi-Fi 5.8GHz ANT 6 Cell OFF

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.09$  S/m;  $\epsilon_r = 35.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**RHS/Touch\_802.11ac VHT80\_Ch 155/Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 2.22 W/kg

**RHS/Touch\_802.11ac VHT80\_Ch 155/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.72 V/m; Power Drift = 0.05 dB

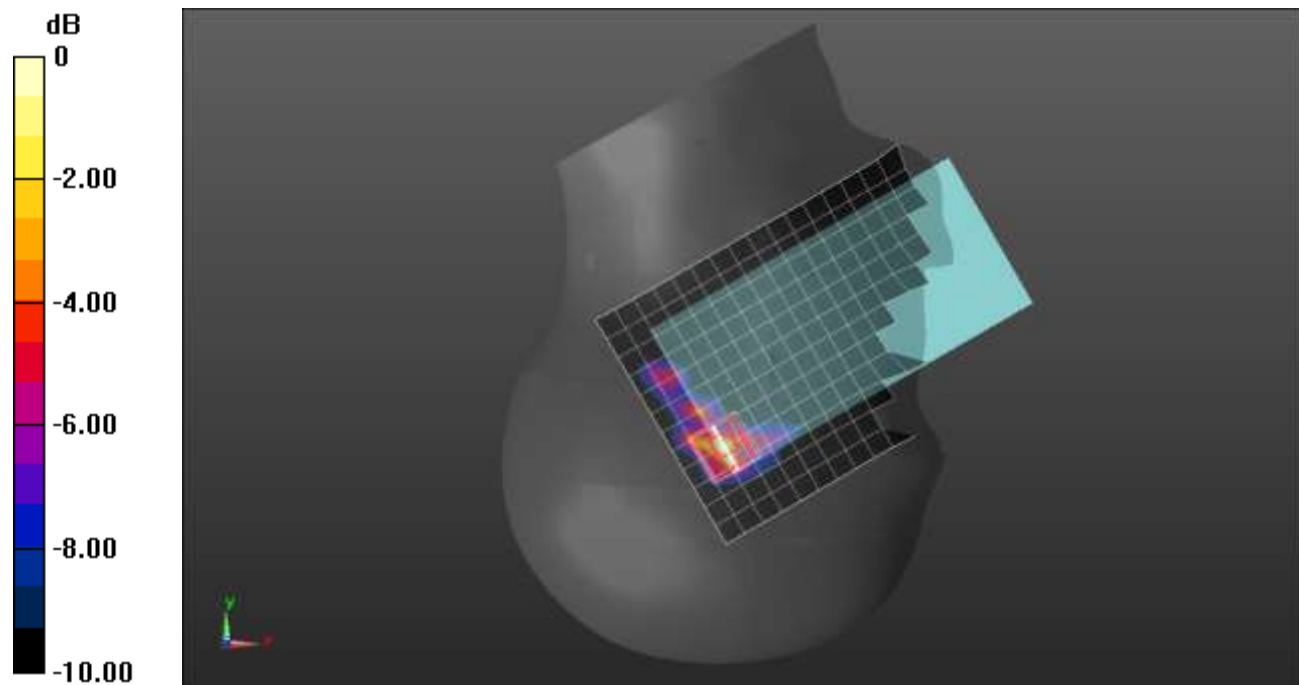
Peak SAR (extrapolated) = 4.20 W/kg

**SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.246 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 2.38 W/kg



**Wi-Fi 5.8GHz ANT 6 Cell OFF**

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.306$  S/m;  $\epsilon_r = 36.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Rear/802.11ac VHT80\_Ch 155/Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.58 W/kg

**Rear/802.11ac VHT80\_Ch 155/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.25 V/m; Power Drift = -0.13 dB

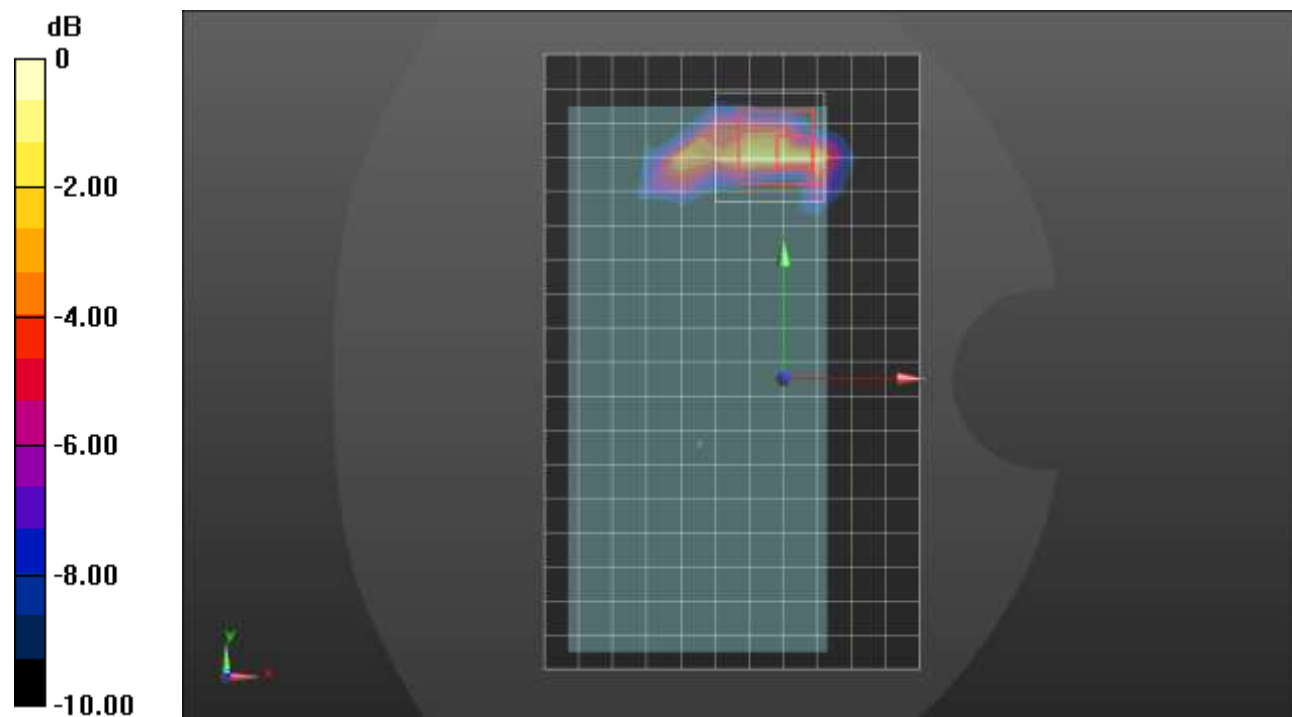
Peak SAR (extrapolated) = 4.26 W/kg

**SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.206 W/kg**

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 2.15 W/kg



## Wi-Fi 5.3GHz ANT 5 CELL ON

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.613$  S/m;  $\epsilon_r = 34.421$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5270 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**RHS/Touch\_802.11a\_Ch 54/Area Scan (10x16x1):** Measurement grid: dx=10mm, dy=10mm

Warning: Max. deviation from surface normal is 30° (see IEC/IEEE measurement standards).

Maximum value of SAR (measured) = 0.0914 W/kg

**RHS/Touch\_802.11a\_Ch 54/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.467 V/m; Power Drift = 0.04 dB

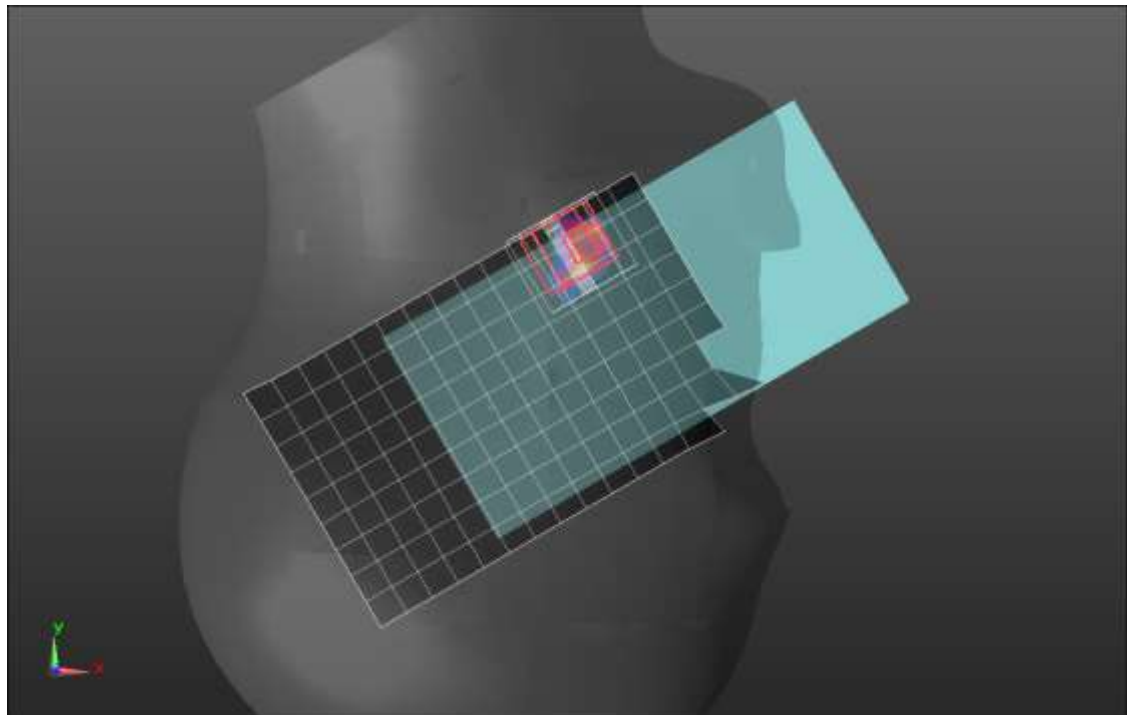
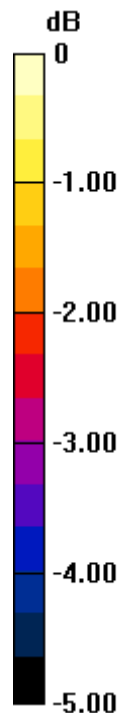
Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.016 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

## Wi-Fi 5.2GHz ANT 5 CELL ON

Frequency: 5210 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.578$  S/m;  $\epsilon_r = 34.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5210 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Rear/802.11ac\_VHT80\_Ch 42/Area Scan (11x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.642 W/kg

**Rear/802.11ac\_VHT80\_Ch 42/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.37 V/m; Power Drift = 0.14 dB

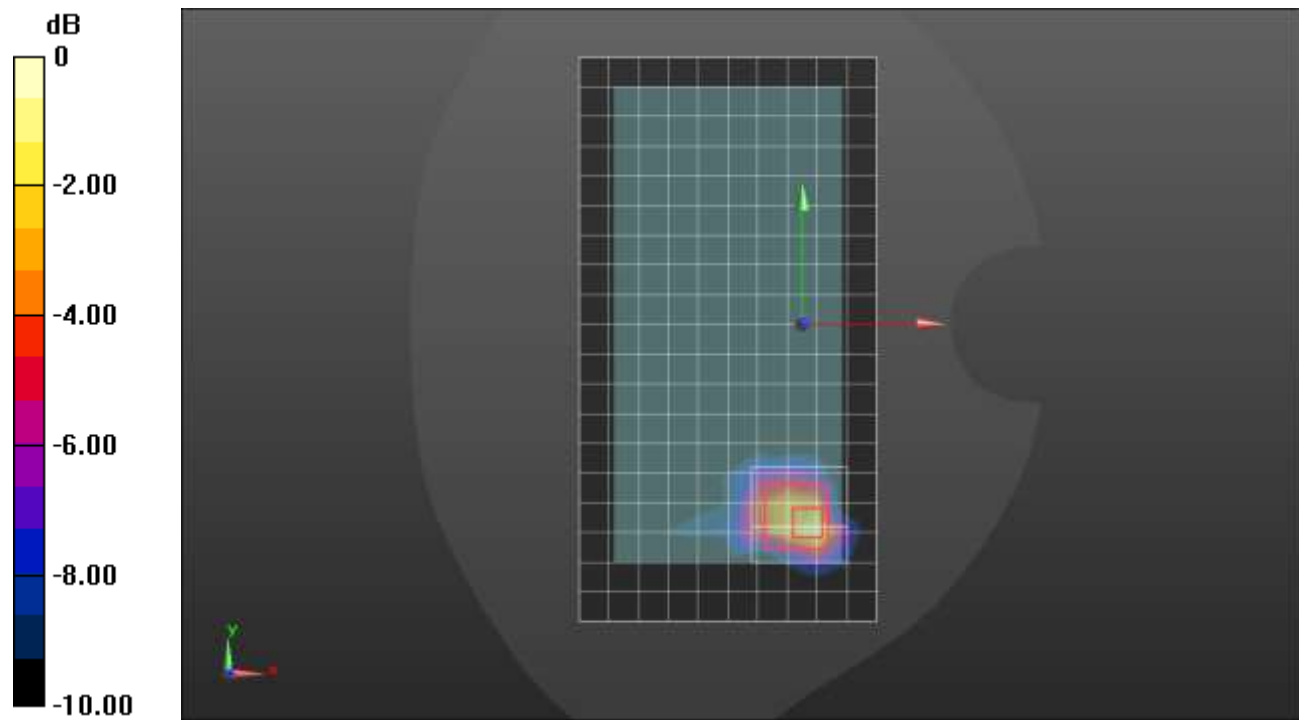
Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.093 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 0.692 W/kg



## Wi-Fi 5.5GHz ANT 5 CELL ON

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.848$  S/m;  $\epsilon_r = 36.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_802.11ac\_VHT80\_Ch 122/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.0798 W/kg

**RHS/Touch\_802.11ac\_VHT80\_Ch 122/Zoom Scan (9x11x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.433 V/m; Power Drift = 0.12 dB

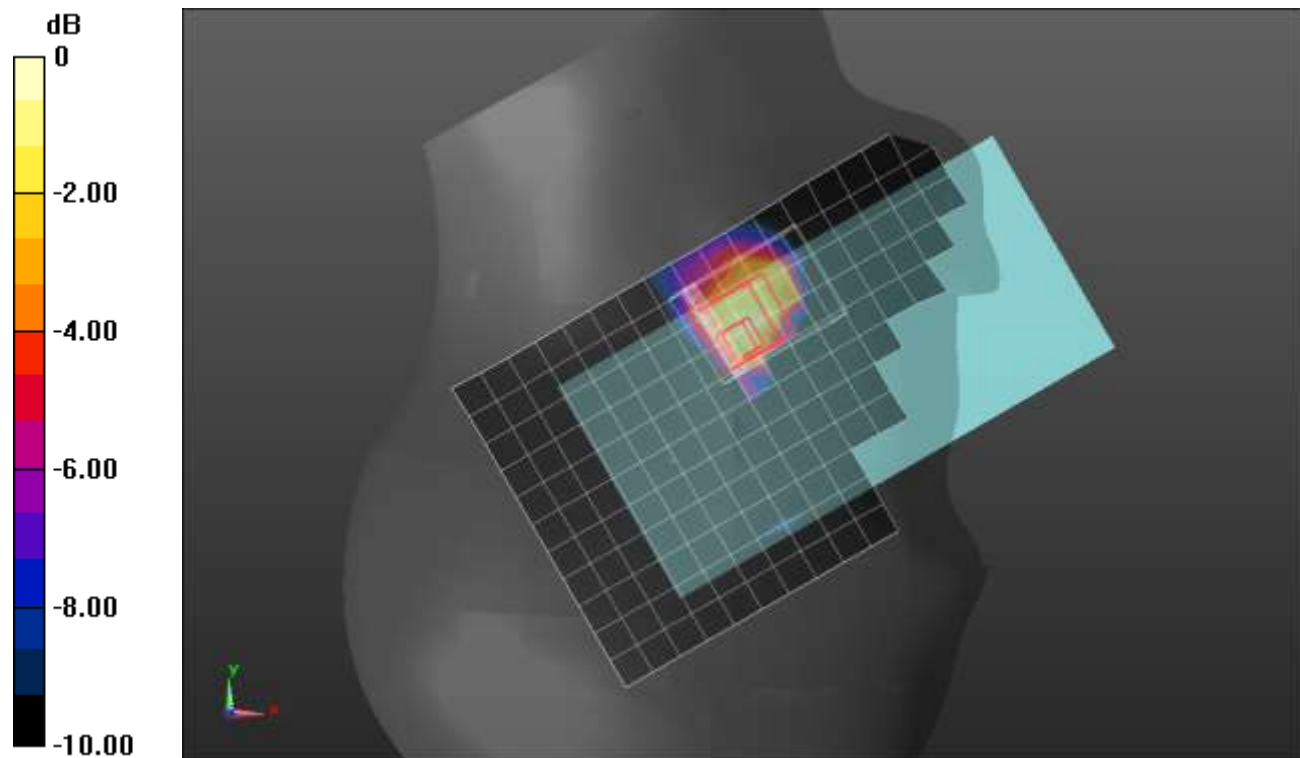
Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.012 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg = -10.75 dBW/kg



## Wi-Fi 5.5GHz ANT 5 CELL ON

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.848$  S/m;  $\epsilon_r = 36.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11a VHT80\_Ch 122/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.761 W/kg

**Rear/802.11ac VHT80\_Ch 122/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.86 V/m; Power Drift = 0.17 dB

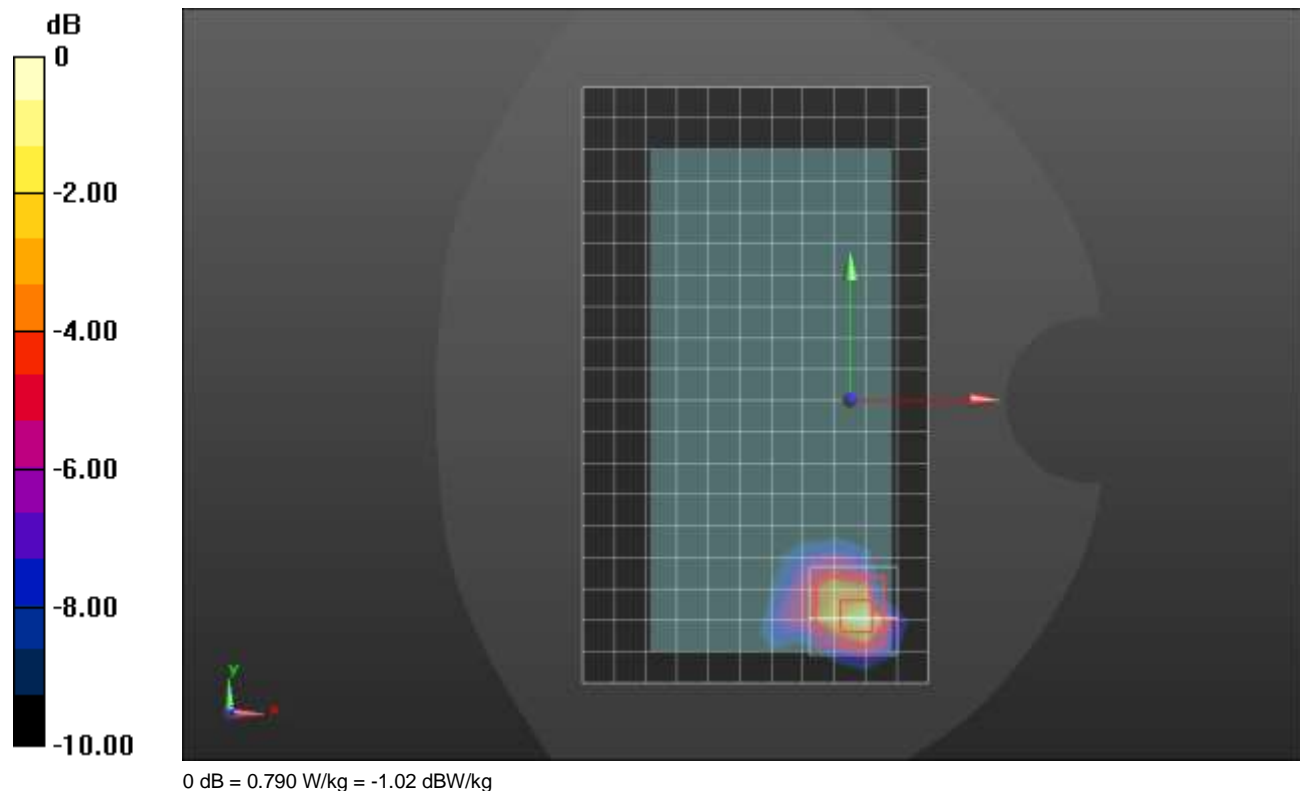
Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.100 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 0.790 W/kg



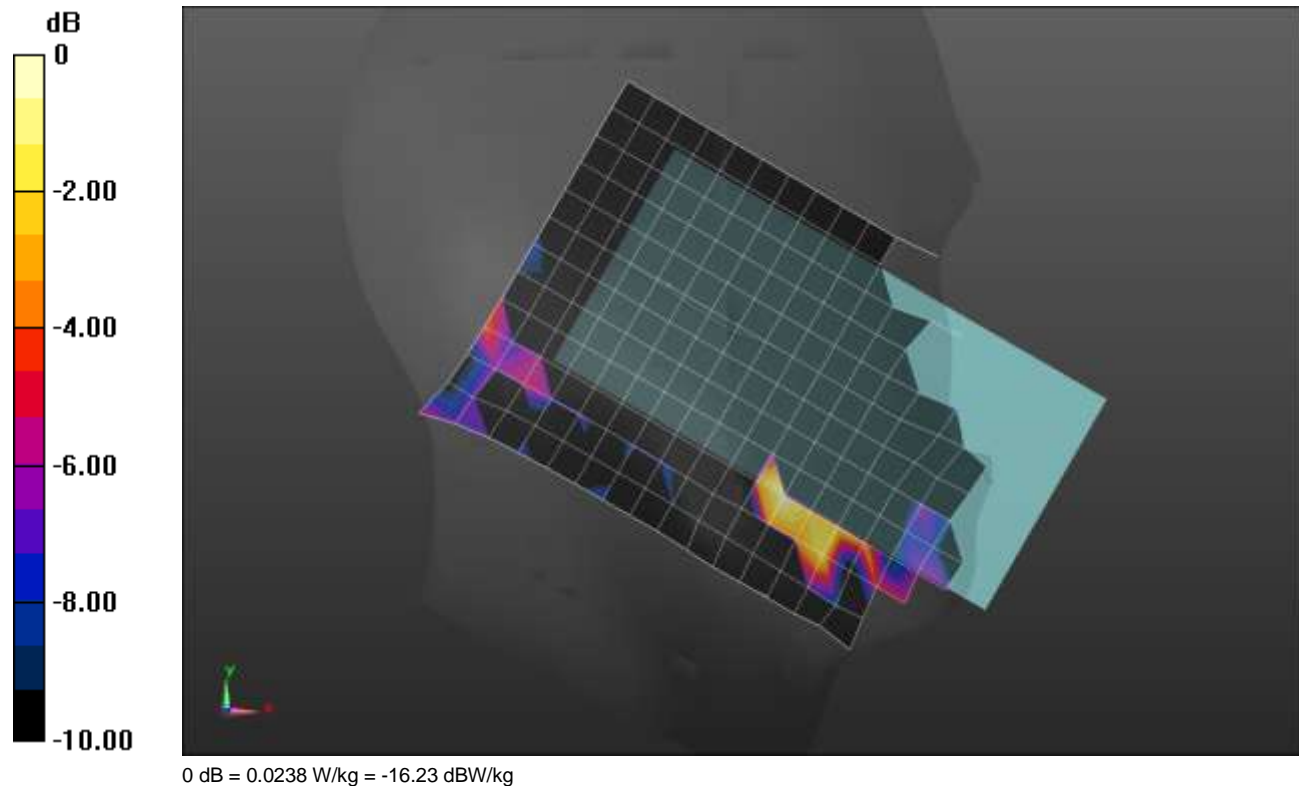
## Wi-Fi 5.8GHz ANT 5 Cell ON

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.019$  S/m;  $\epsilon_r = 36.924$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**LHS/Touch\_802.11ac VHT80\_Ch 155/Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.0238 W/kg



## Wi-Fi 5.8GHz ANT 5 Cell ON

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.019$  S/m;  $\epsilon_r = 36.924$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Rear/802.11ac VHT80\_Ch 155/Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.637 W/kg

**Rear/802.11ac VHT80\_Ch 155/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.24 V/m; Power Drift = -0.08 dB

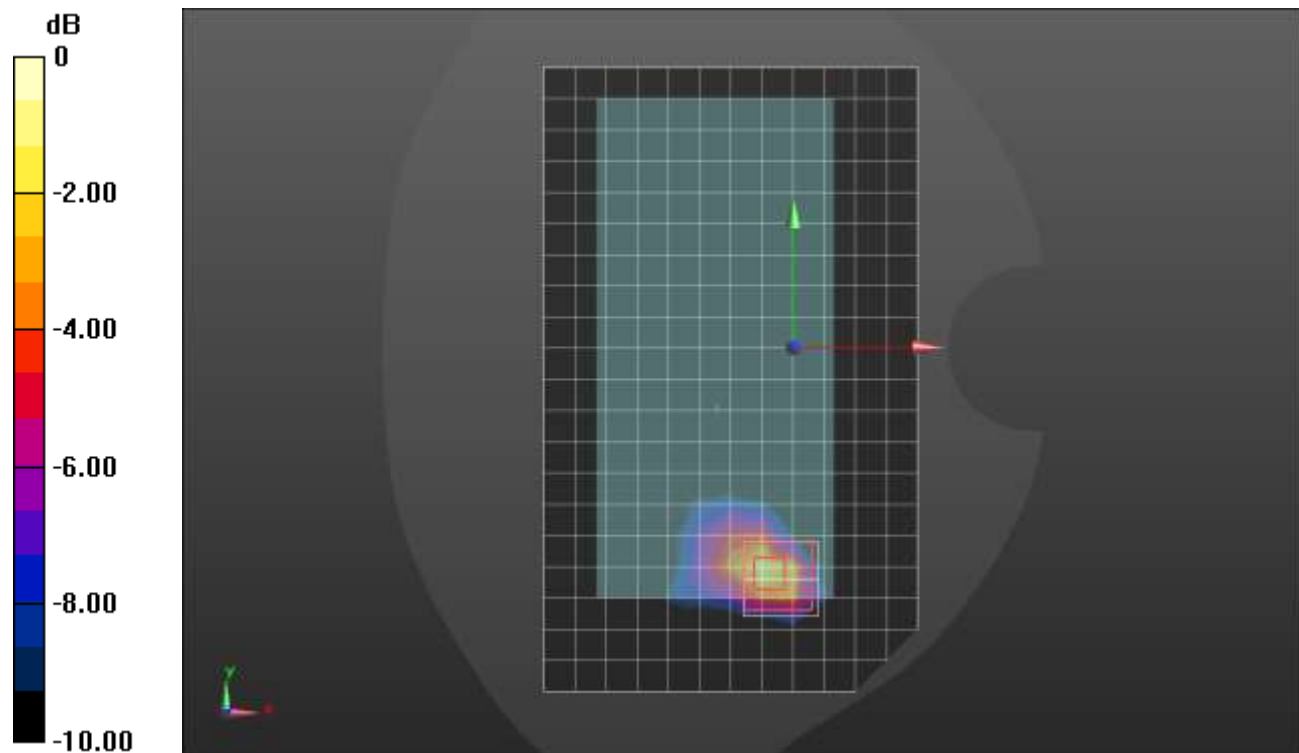
Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.092 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 0.767 W/kg



## Wi-Fi 5.8GHz ANT 5 Cell ON

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.101$  S/m;  $\epsilon_r = 36.553$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Edge 4/802.11ac VHT80\_Ch 155/Area Scan (9x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.123 W/kg

**Edge 4/802.11ac VHT80\_Ch 155/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.564 V/m; Power Drift = 0.07 dB

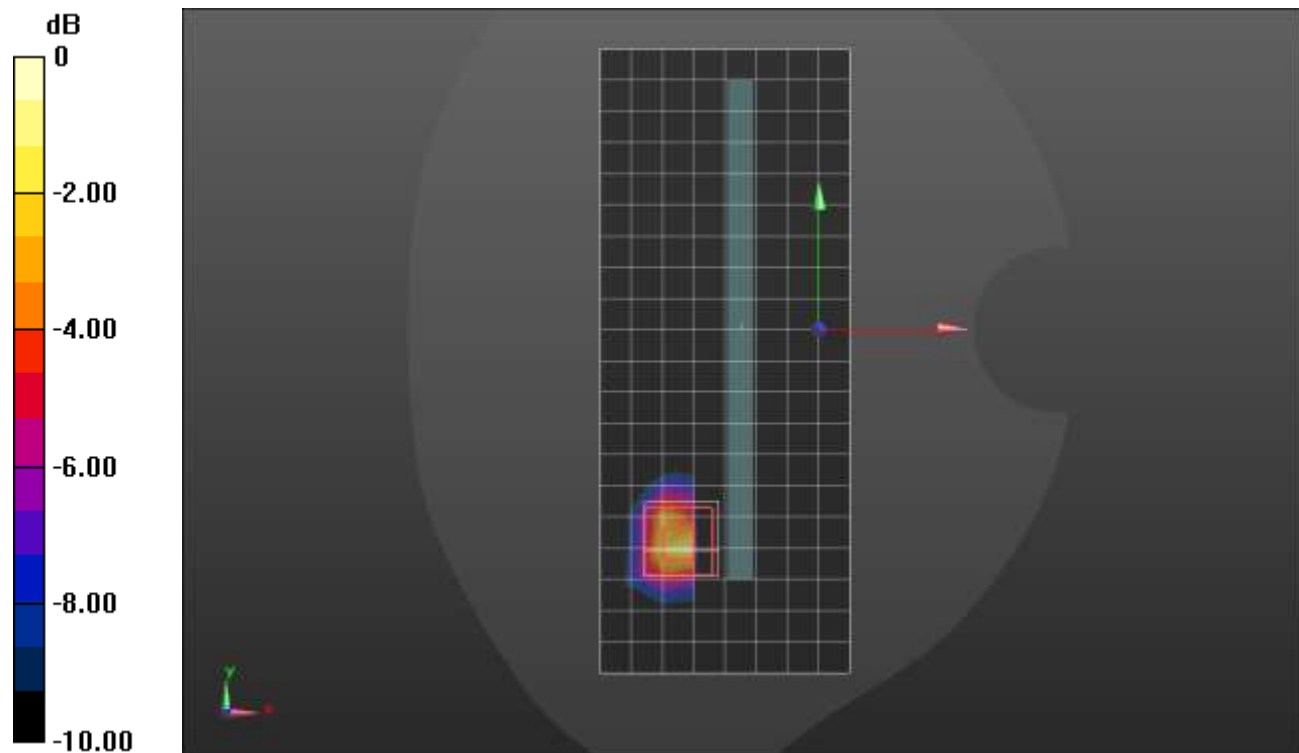
Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.012 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 45.5%

Maximum value of SAR (measured) = 0.138 W/kg



**Wi-Fi 5.3GHz ANT 6 CELL ON**

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.752$  S/m;  $\epsilon_r = 37.252$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5290 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**RHS/Touch\_802.11ac VHT80\_Ch 58/Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.528 W/kg

**RHS/Touch\_802.11ac VHT80\_Ch 58/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.90 V/m; Power Drift = 0.17 dB

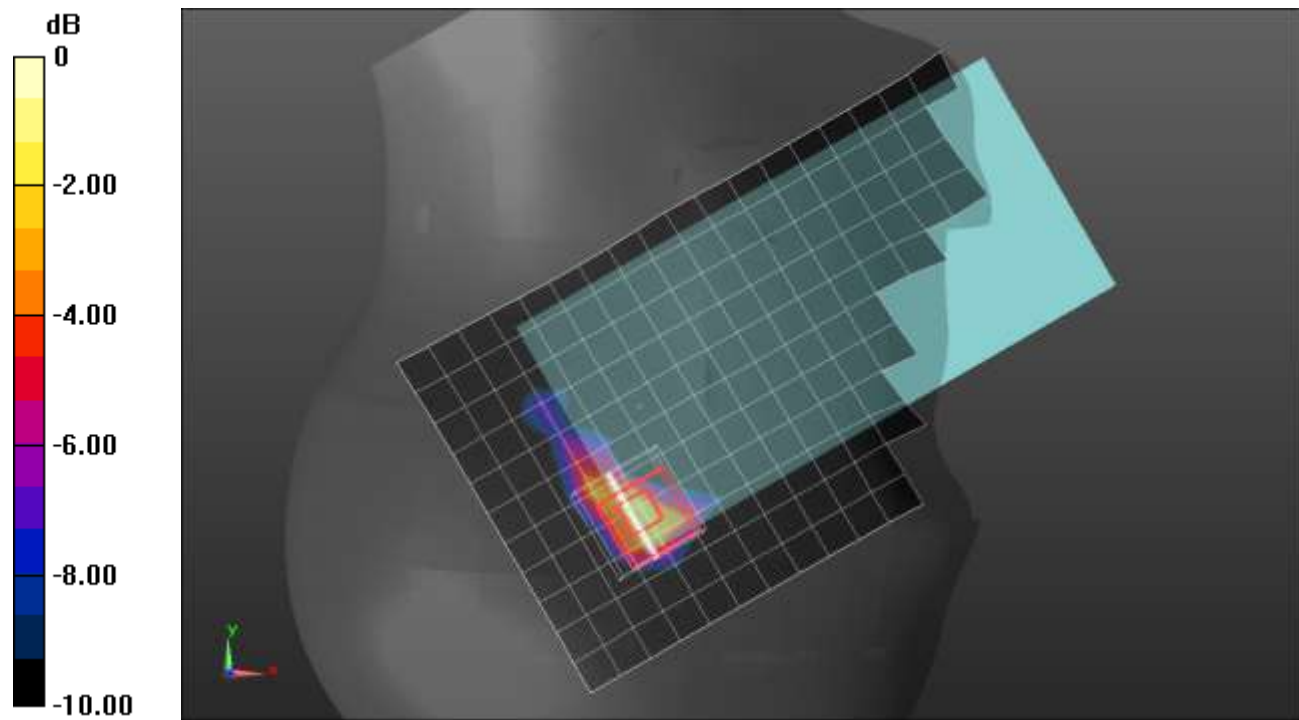
Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.088 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 0.734 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

## Wi-Fi 5.2GHz ANT 6 CELL ON

Frequency: 5210 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.662$  S/m;  $\epsilon_r = 37.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5210 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Rear/802.11ac\_VHT80\_Ch 42/Area Scan (11x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.878 W/kg

**Rear/802.11ac\_VHT80\_Ch 42/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.15 V/m; Power Drift = 0.03 dB

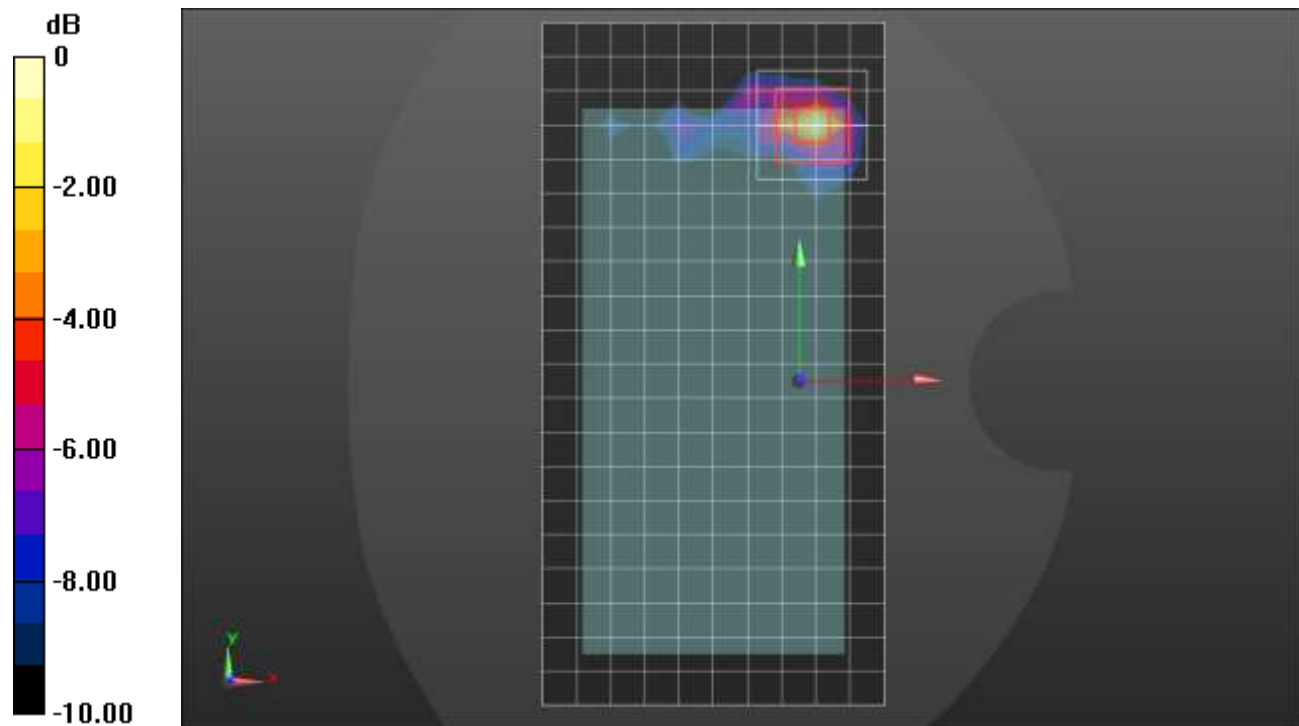
Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.091 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 0.862 W/kg



## Wi-Fi 5.2GHz ANT 6 CELL ON

Frequency: 5210 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.509$  S/m;  $\epsilon_r = 35.028$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5210 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Edge 4/802.11ac\_VHT80\_Ch 42/Area Scan (10x21x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.446 W/kg

**Edge 4/802.11ac\_VHT80\_Ch 42/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.937 V/m; Power Drift = -0.09 dB

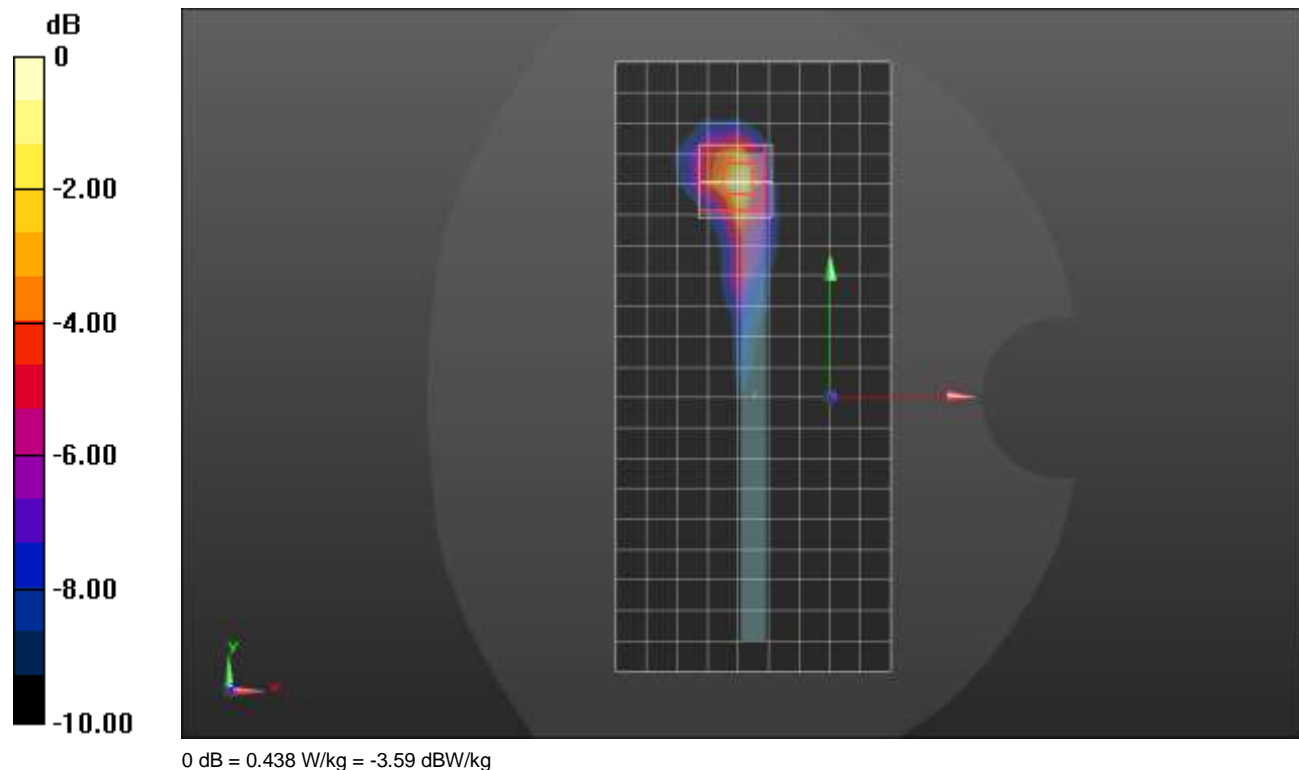
Peak SAR (extrapolated) = 0.733 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.057 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 0.438 W/kg





**Wi-Fi 5.5GHz ANT 6 CELL ON**

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 36.716$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS/Touch\_802.11ac\_VHT80\_Ch 122/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.604 W/kg

**RHS/Touch\_802.11ac\_VHT80\_Ch 122/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.708 V/m; Power Drift = 0.17 dB

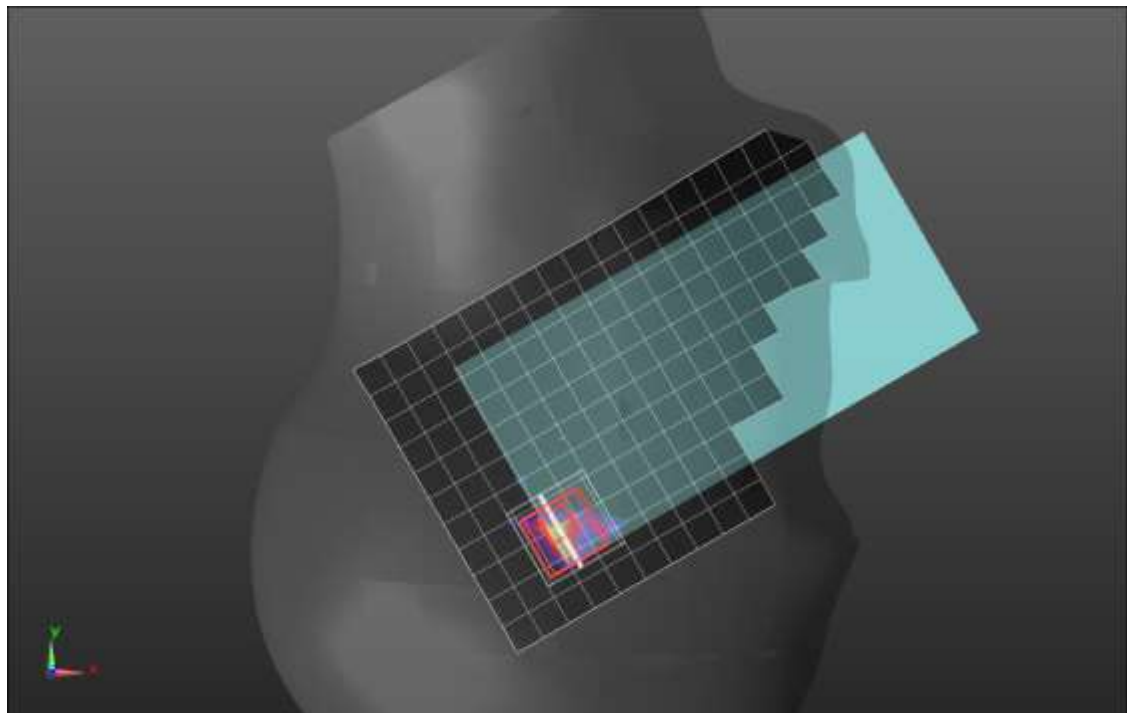
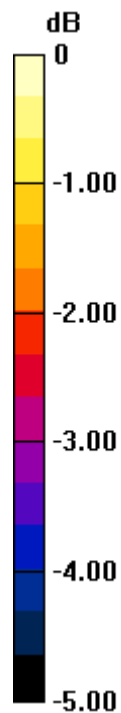
Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.087 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 0.721 W/kg



0 dB = 0.721 W/kg = -1.42 dBW/kg

## Wi-Fi 5.5GHz ANT 6 CELL ON

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 36.716$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/802.11ac VHT80\_Ch 122/Area Scan (12x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.895 W/kg

**Rear/802.11ac VHT80\_Ch 122/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.38 V/m; Power Drift = -0.03 dB

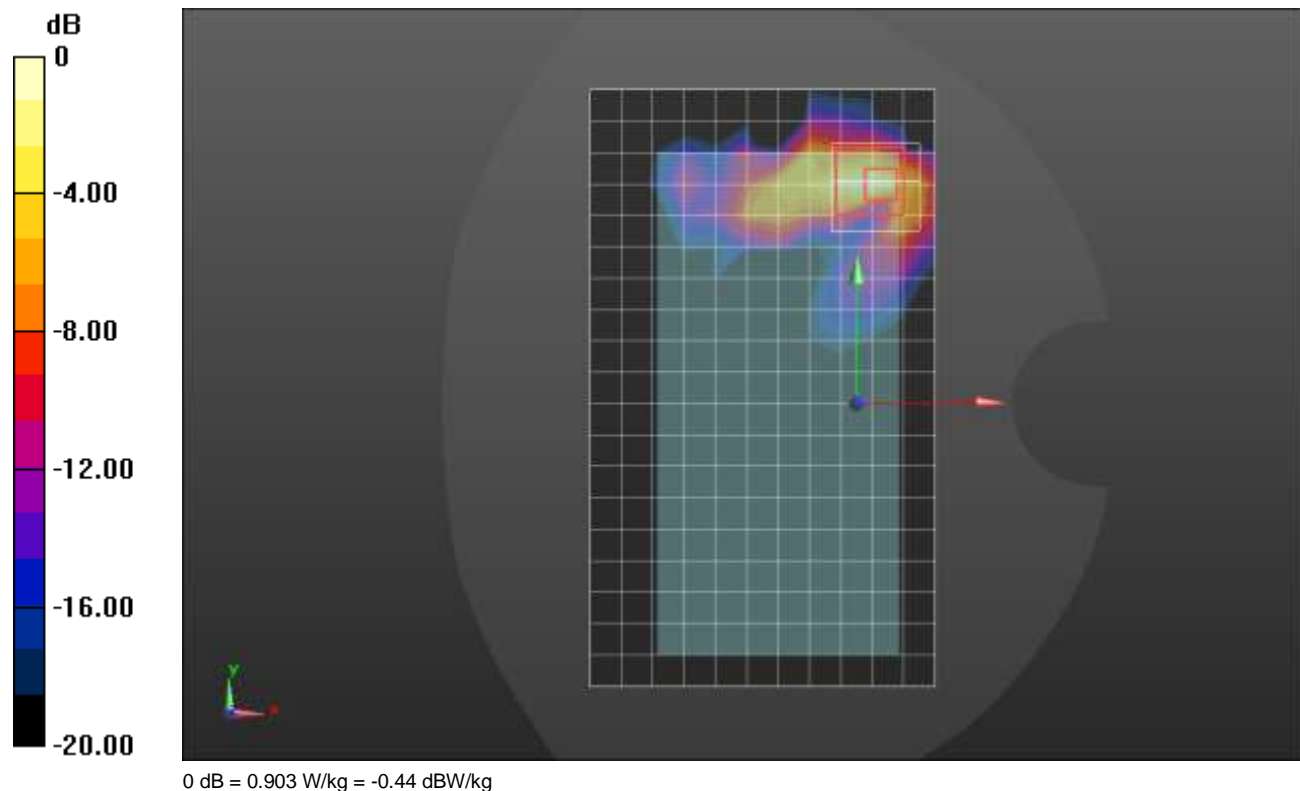
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.093 W/kg**

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 0.903 W/kg



## Wi-Fi 5.5GHz ANT 6 CELL ON

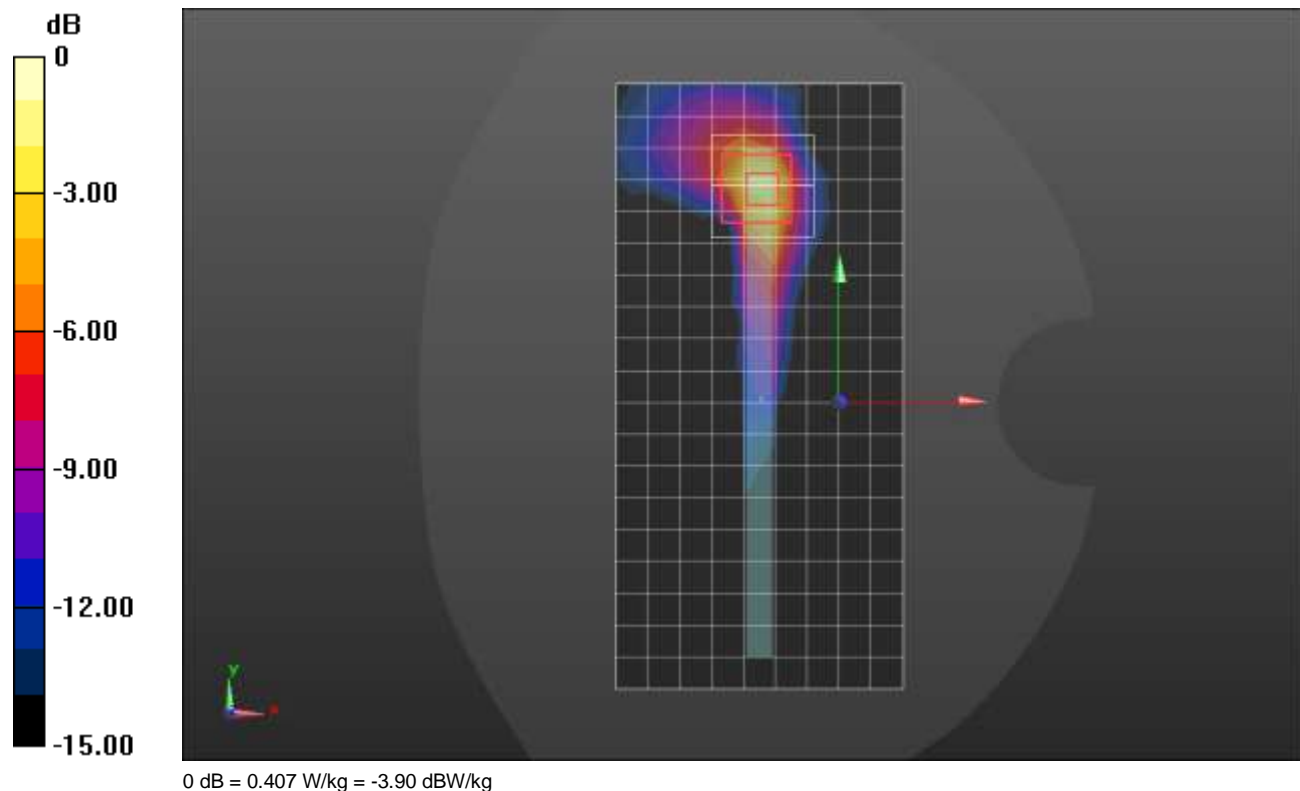
Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 36.716$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5610 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 4/802.11ac VHT80\_Ch 122/Area Scan (10x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.282 W/kg

**Edge 4/802.11ac VHT80\_Ch 122/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 6.551 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.705 W/kg  
**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.045 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.6 mm  
Ratio of SAR at M2 to SAR at M1 = 49.6%  
Maximum value of SAR (measured) = 0.407 W/kg



## Wi-Fi 5.8GHz ANT 6 Cell ON

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.09$  S/m;  $\epsilon_r = 35.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**RHS/Tilt\_802.11ac VHT80\_Ch 155/Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.747 W/kg

**RHS/Tilt\_802.11ac VHT80\_Ch 155/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.943 V/m; Power Drift = 0.10 dB

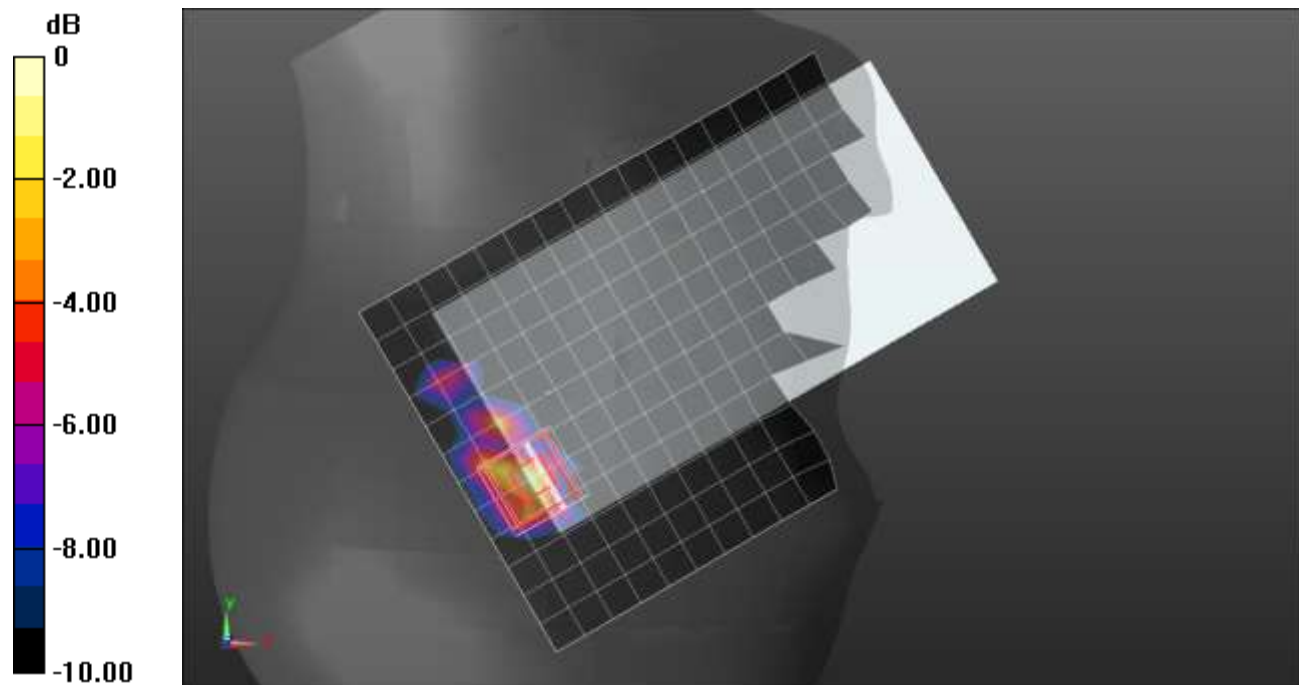
Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.085 W/kg**

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 0.722 W/kg



## Wi-Fi 5.8GHz ANT 6 Cell ON

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.101$  S/m;  $\epsilon_r = 36.553$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Rear/802.11ac VHT80\_Ch 155/Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.967 W/kg

**Rear/802.11ac VHT80\_Ch 155/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.98 V/m; Power Drift = 0.01 dB

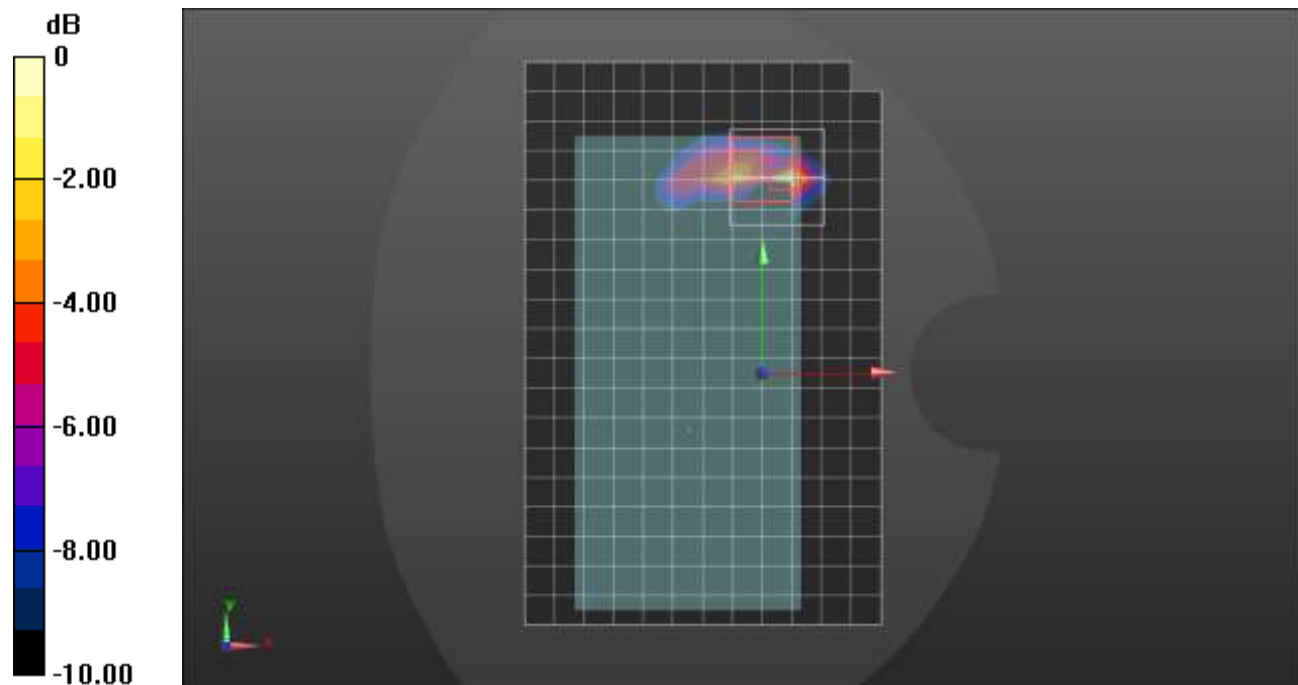
Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.085 W/kg**

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

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



0 dB = 1.02 W/kg = 0.09 dBW/kg

## Wi-Fi 5.8GHz ANT 6 Cell ON

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.038$  S/m;  $\epsilon_r = 36.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Edge 4/802.11ac VHT80\_Ch 155/Area Scan (7x20x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.314 W/kg

**Edge 4/802.11ac VHT80\_Ch 155/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.113 V/m; Power Drift = -0.18 dB

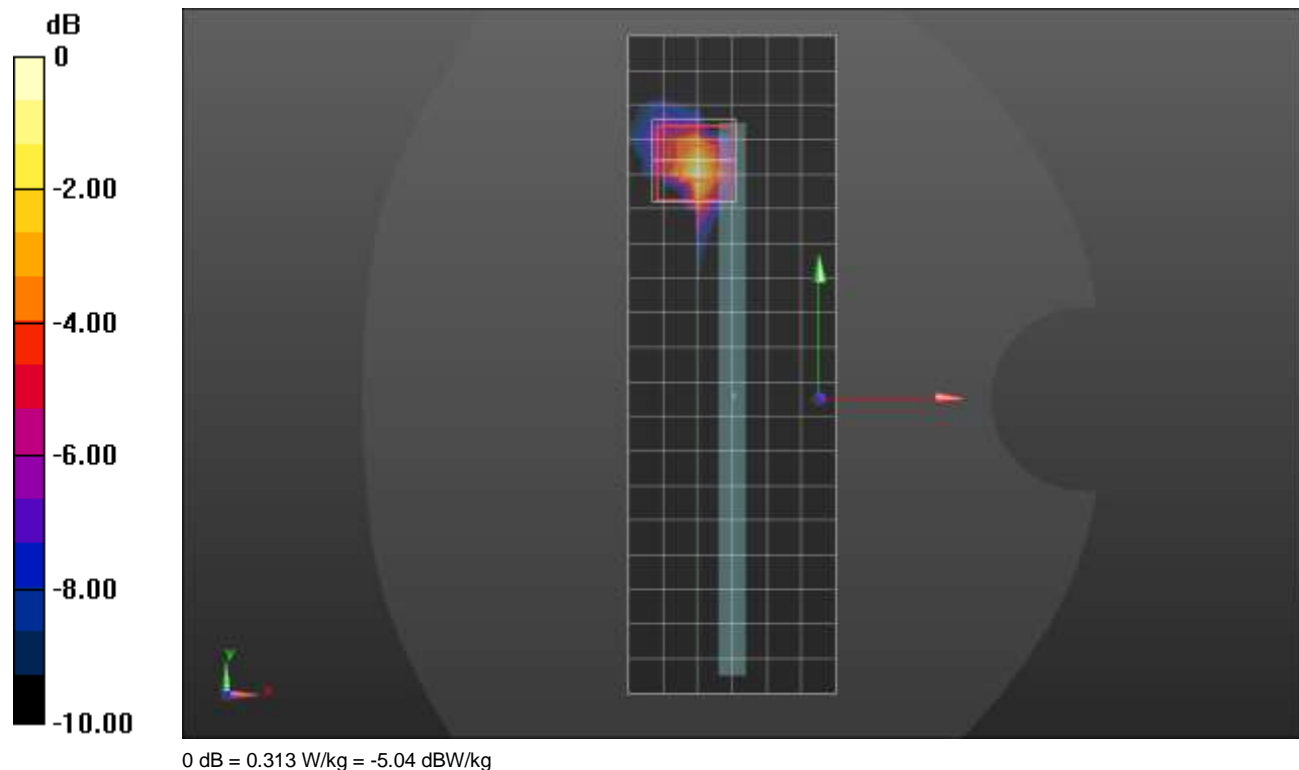
Peak SAR (extrapolated) = 0.490 W/kg

**SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.031 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.313 W/kg



## Bluetooth (Plow) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.869$  S/m;  $\epsilon_r = 38.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_GFSK DH5\_ch 39/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0541 W/kg

**LHS/Touch\_GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.174 V/m; Power Drift = 0.17 dB

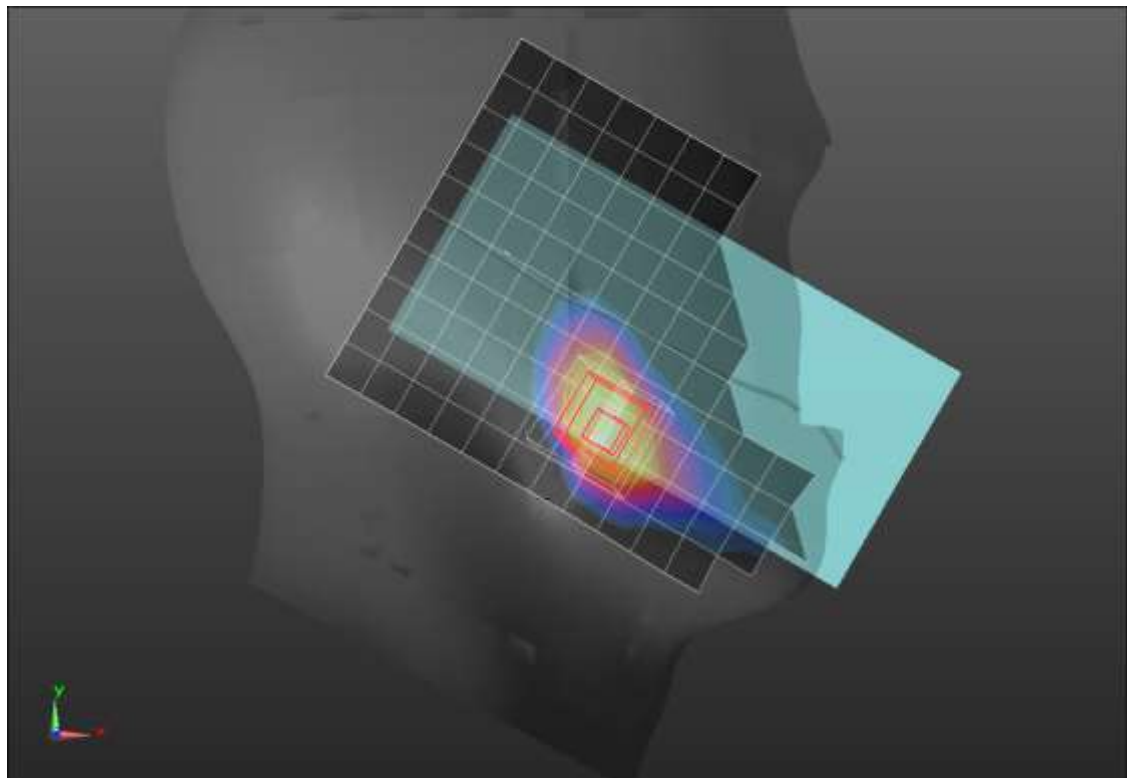
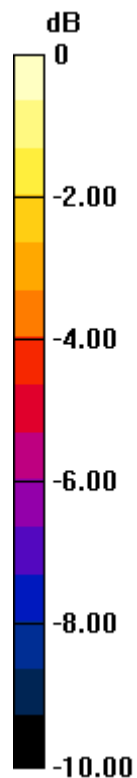
Peak SAR (extrapolated) = 0.0720 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.020 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 0.0599 W/kg



0 dB = 0.0599 W/kg = -12.23 dBW/kg



## Bluetooth (Plow) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 38.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/GFSK DH5\_ch 39/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0703 W/kg

**Rear/GFSK DH5\_ch 39/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.685 V/m; Power Drift = 0.00 dB

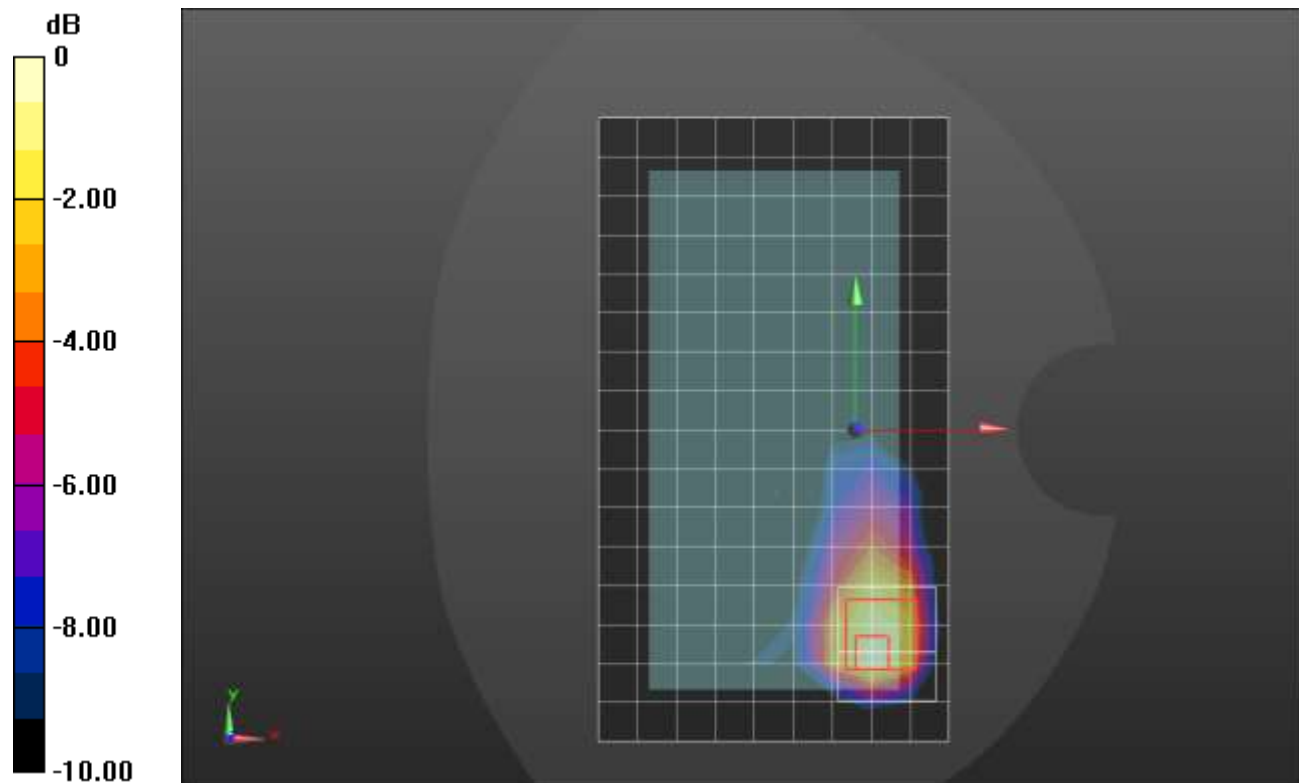
Peak SAR (extrapolated) = 0.0980 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.020 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 39.6%

Maximum value of SAR (measured) = 0.0743 W/kg



## Bluetooth (Plow) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 38.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 4/GFSK DH5\_ch 39/Area Scan (5x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0969 W/kg

**Edge 4/GFSK DH5\_ch 39/Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.773 V/m; Power Drift = -0.13 dB

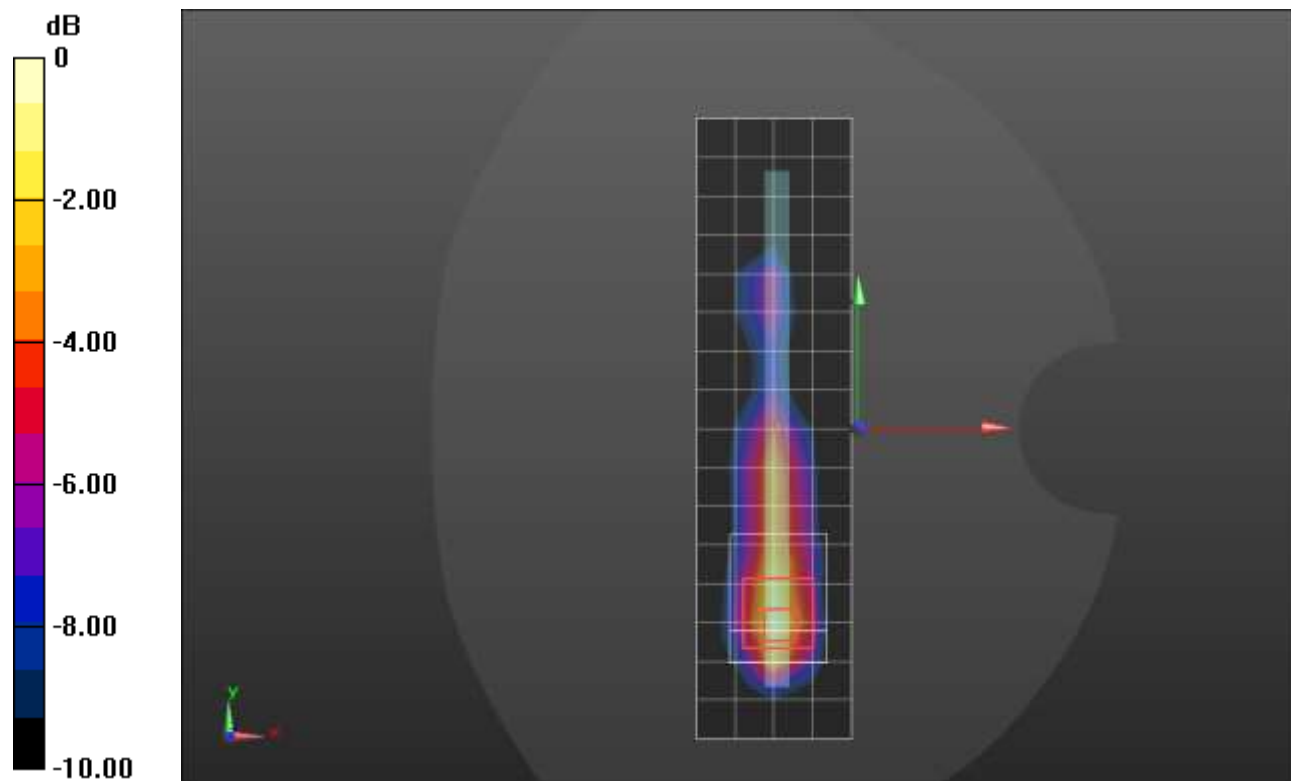
Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.025 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 0.103 W/kg



## Bluetooth (Phigh) ANT 3

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;  $\sigma = 1.832$  S/m;  $\epsilon_r = 38.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_GFSK DH5\_ch 39/Area Scan (11x19x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.244 W/kg

**LHS/Touch\_GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.49 V/m; Power Drift = 0.07 dB

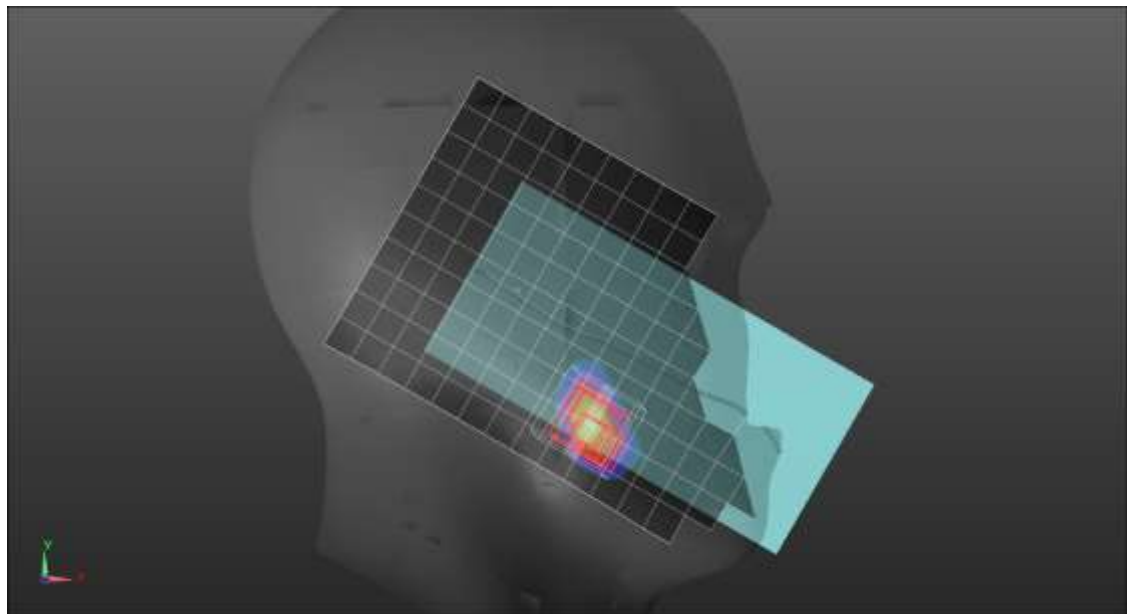
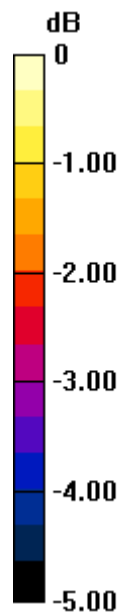
Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.087 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

## Bluetooth (Phigh) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 38.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/GFSK DH5\_ch 39/Area Scan (12x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.345 W/kg

**Rear/GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.30 V/m; Power Drift = -0.01 dB

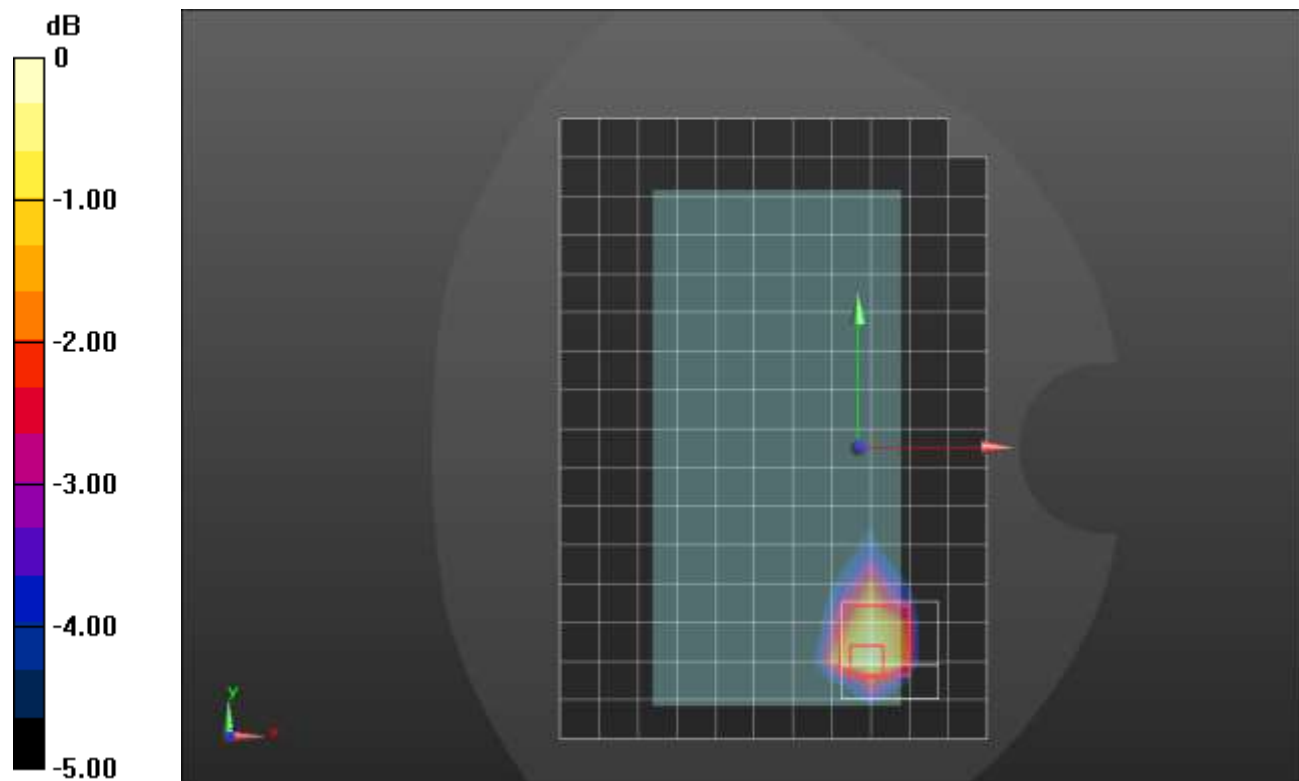
Peak SAR (extrapolated) = 0.510 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.106 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 0.358 W/kg



## Bluetooth (Phigh) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 38.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 4/GFSK DH5\_ch 39/Area Scan (8x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.304 W/kg

**Edge 4/GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.12 V/m; Power Drift = -0.01 dB

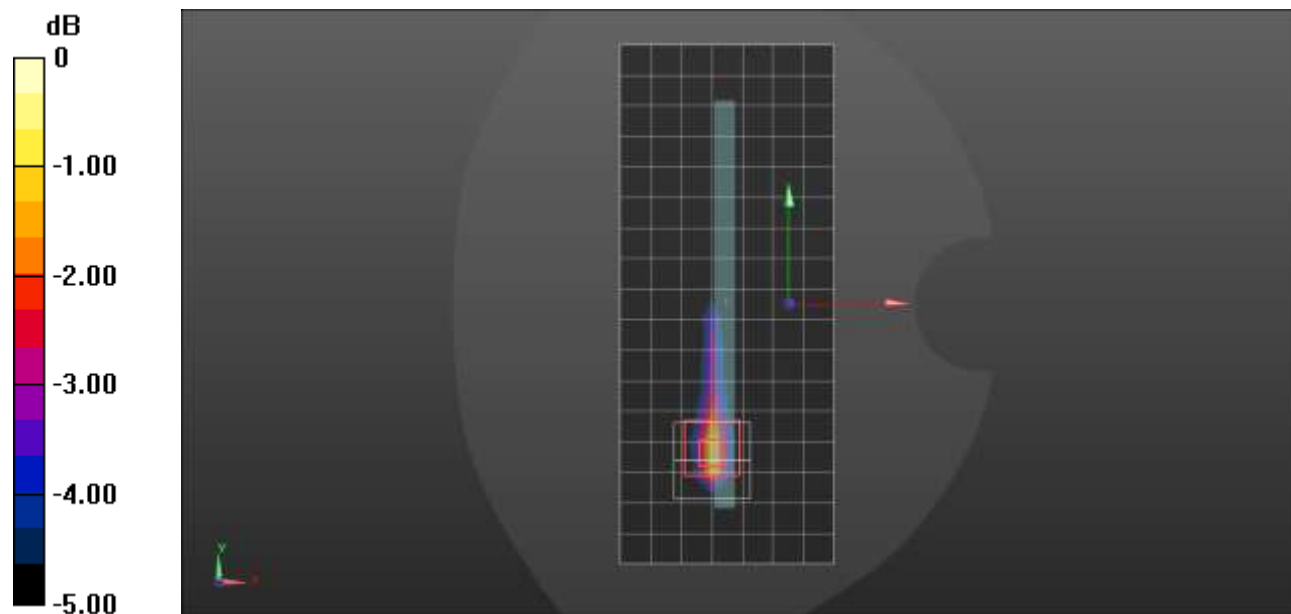
Peak SAR (extrapolated) = 0.480 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.098 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg

## Bluetooth (Pstandalone) ANT 3

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;  $\sigma = 1.735$  S/m;  $\epsilon_r = 37.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(7.63, 7.63, 7.63) @ 2441 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**LHS/Touch\_GFSK\_ch 39/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.158 W/kg

**LHS/Touch\_GFSK\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.957 V/m; Power Drift = 0.15 dB

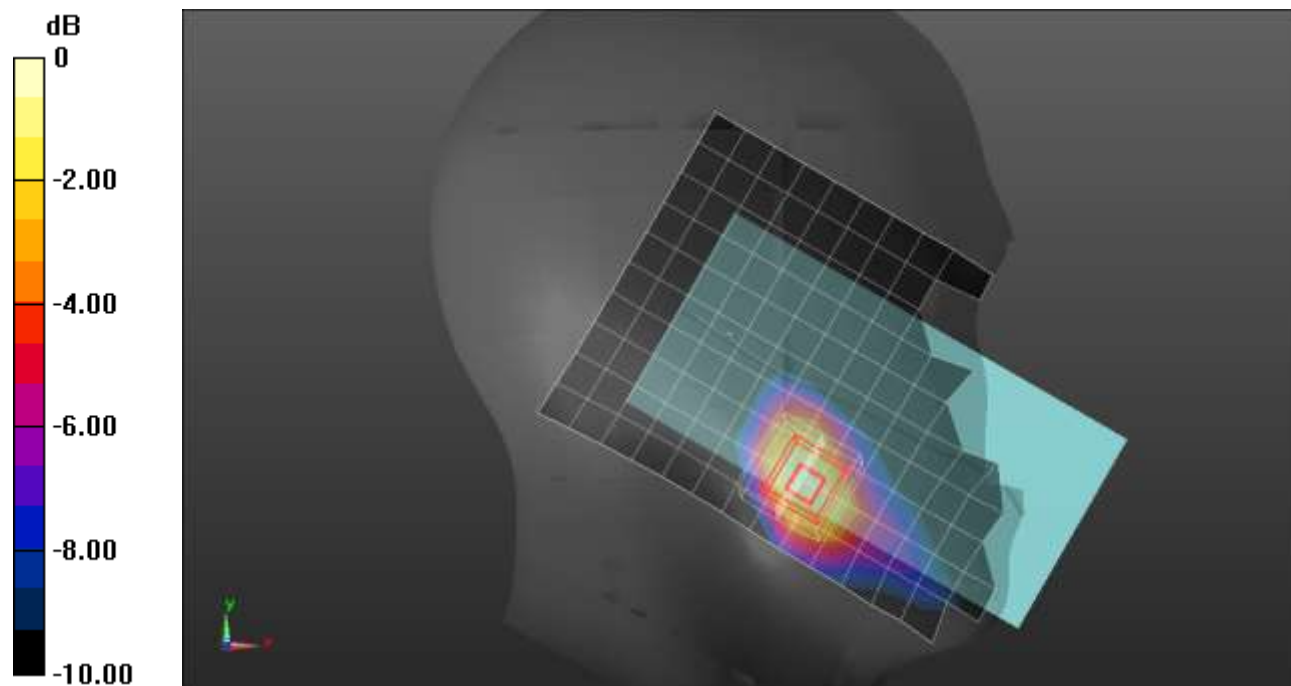
Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg**

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

## Bluetooth (Pstandalone) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.743$  S/m;  $\epsilon_r = 40.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/GFSK DH5\_ch 39/Area Scan (12x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.926 W/kg

**Rear/GFSK DH5\_ch 39/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.09 V/m; Power Drift = 0.01 dB

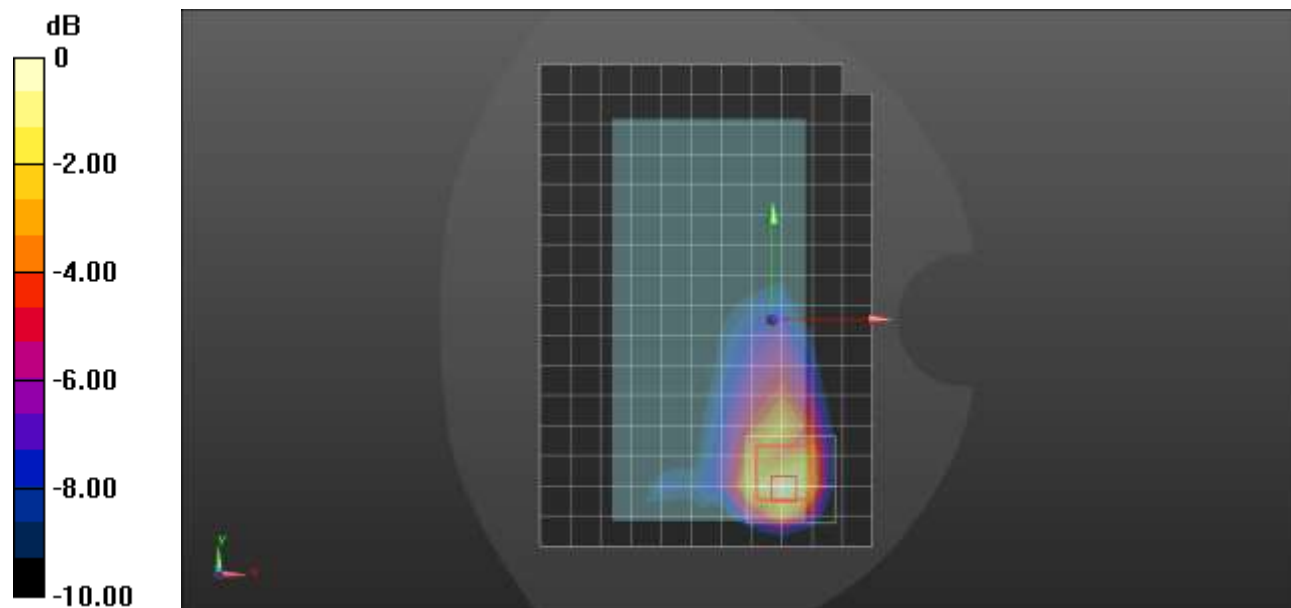
Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.319 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 43%

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970 W/kg = -0.13 dBW/kg



## Bluetooth (Pstandalone) ANT 3

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.743$  S/m;  $\epsilon_r = 40.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 4/GFSK DH5\_ch 39/Area Scan (8x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.11 W/kg

**Edge 4/GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.26 V/m; Power Drift = -0.01 dB

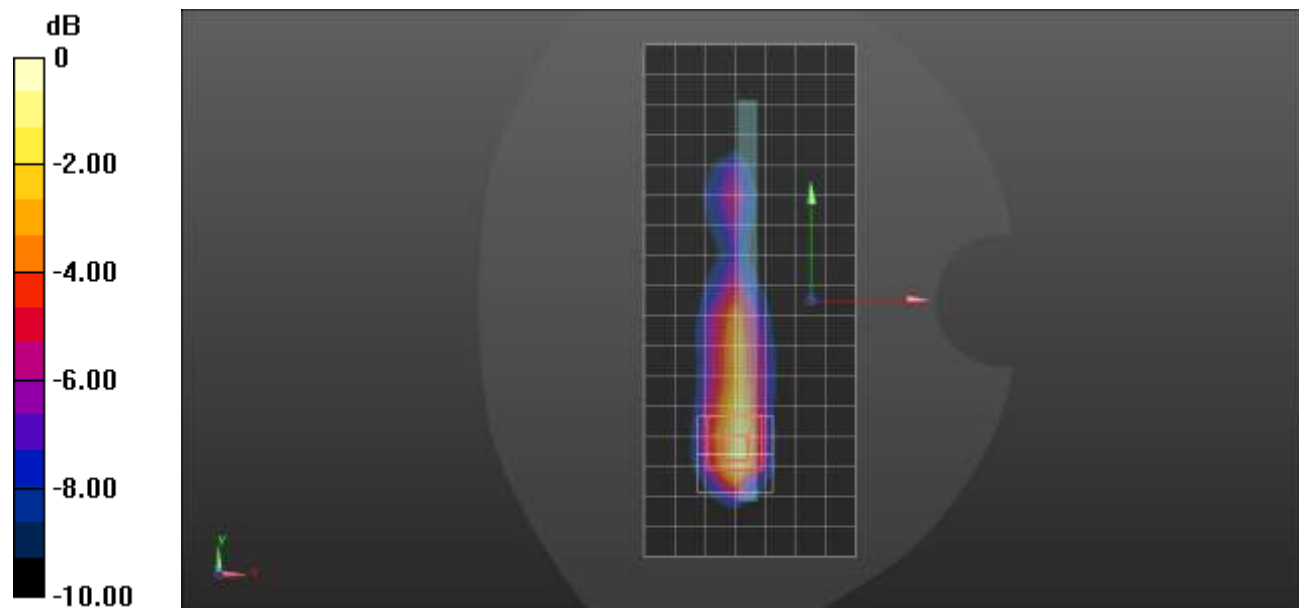
Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.355 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 1.15 W/kg



## Bluetooth(Plow) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 38.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_GFSK DH5\_Ch 39/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.122 W/kg

**LHS/Touch\_GFSK DH5\_Ch 39/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.417 V/m; Power Drift = 0.04 dB

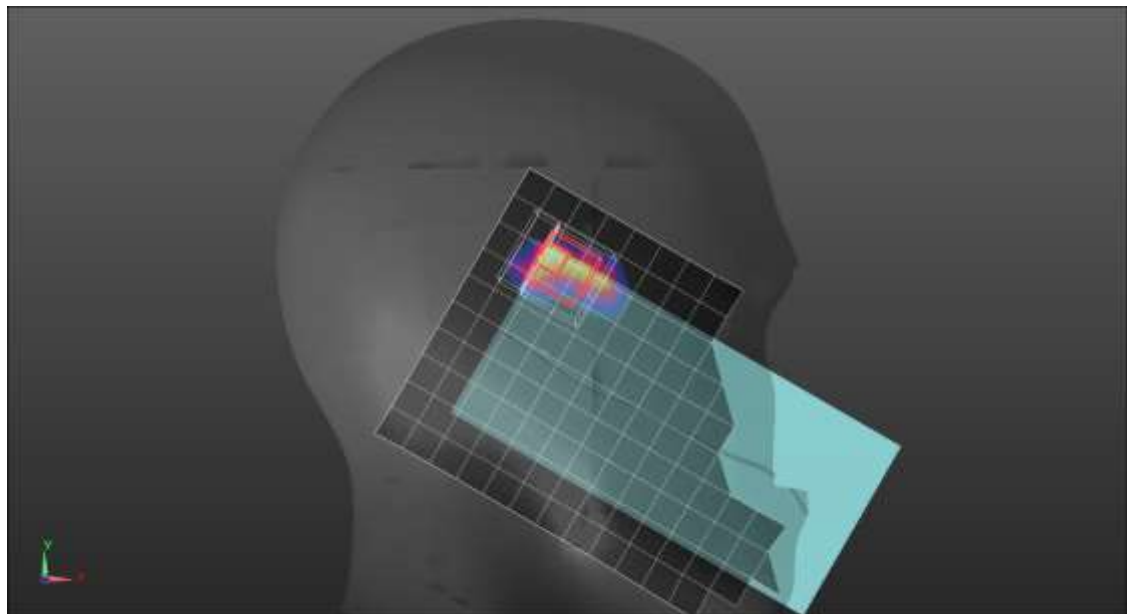
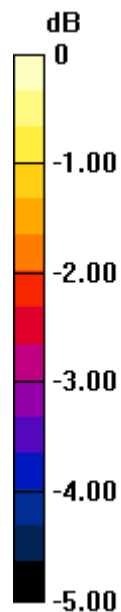
Peak SAR (extrapolated) = 0.164 W/kg

**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.030 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 34.4%

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

## Bluetooth(Plow) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.767$  S/m;  $\epsilon_r = 37.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/GFSK DH5\_ch 39/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0665 W/kg

**Rear/GFSK DH5\_ch 39/Zoom Scan (8x10x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.245 V/m; Power Drift = -0.11 dB

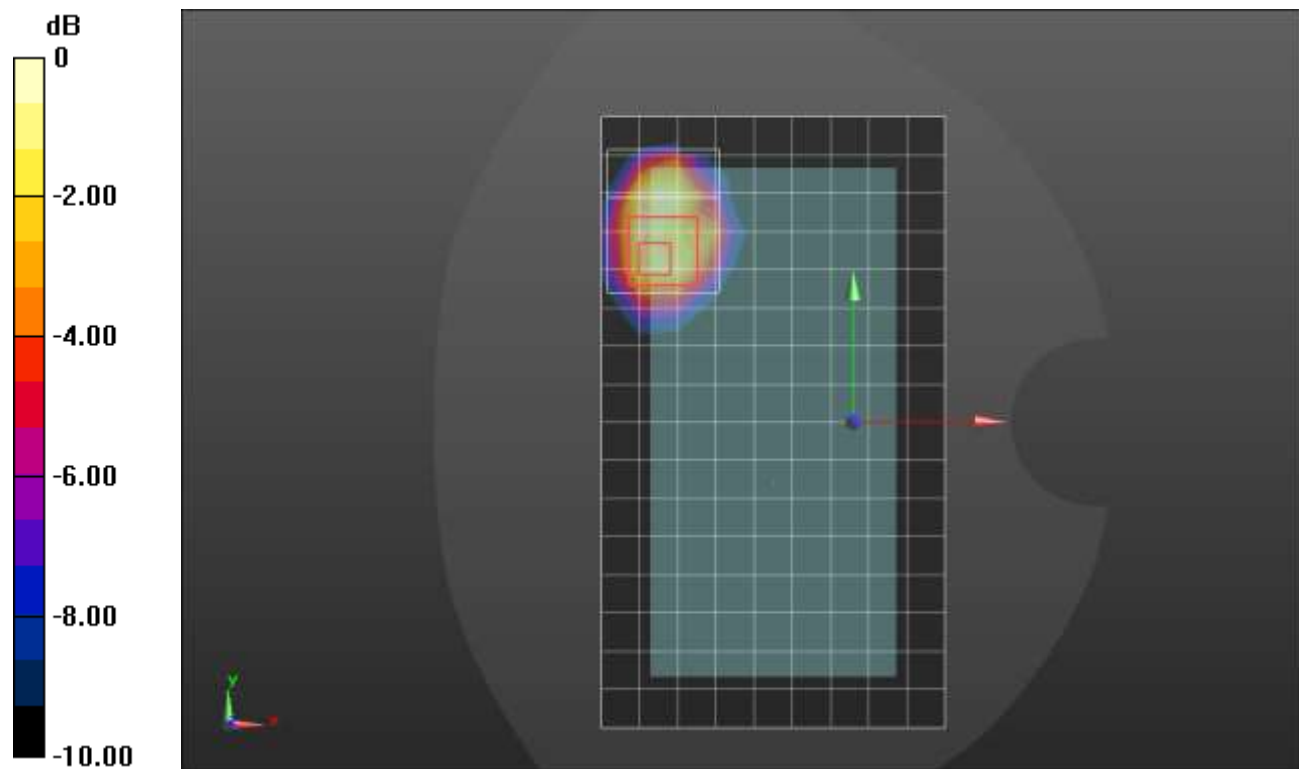
Peak SAR (extrapolated) = 0.0950 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.020 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 37.3%

Maximum value of SAR (measured) = 0.0719 W/kg



## Bluetooth(Plow) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.767$  S/m;  $\epsilon_r = 37.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 2/GFSK DH5\_ch 39/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0875 W/kg

**Edge 2/GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.398 V/m; Power Drift = 0.16 dB

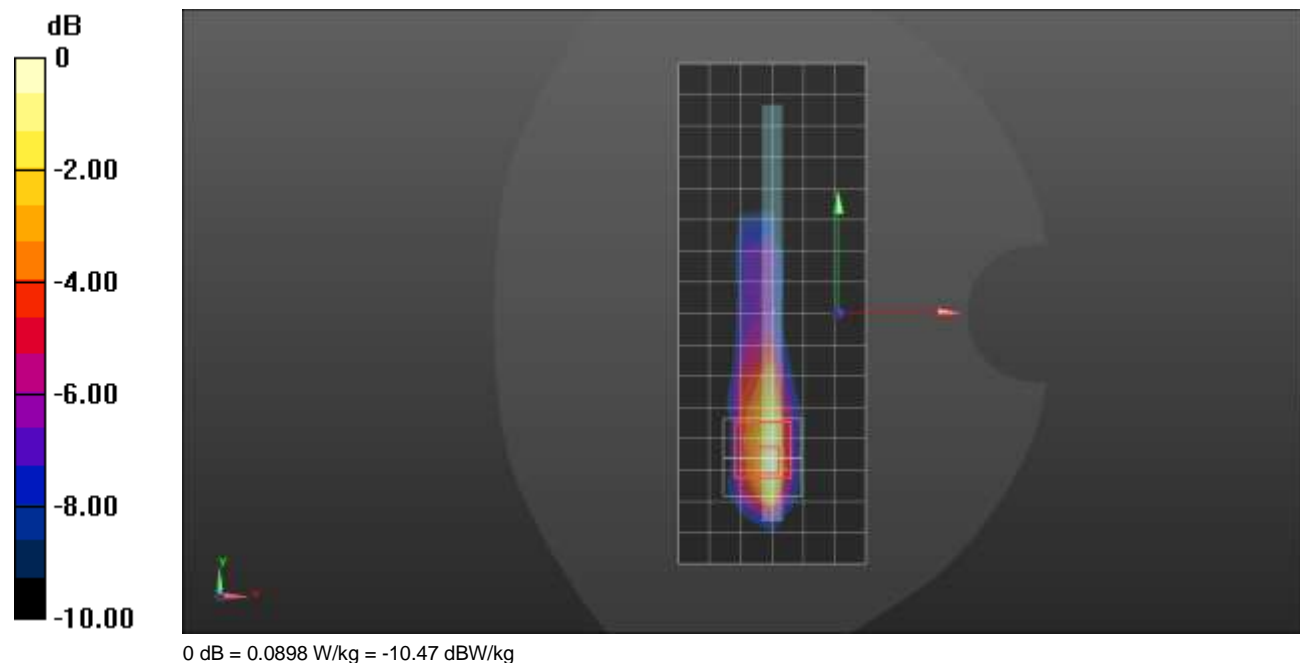
Peak SAR (extrapolated) = 0.119 W/kg

**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.024 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 44.8%

Maximum value of SAR (measured) = 0.0898 W/kg



## Bluetooth (Phigh) ANT 4

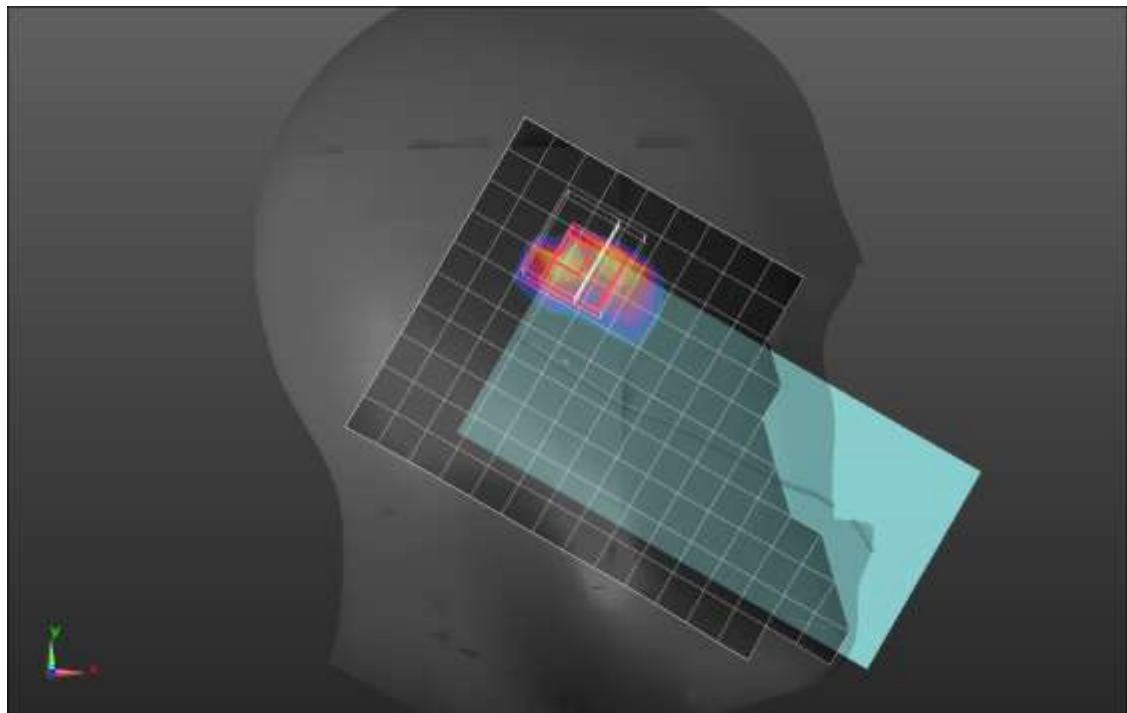
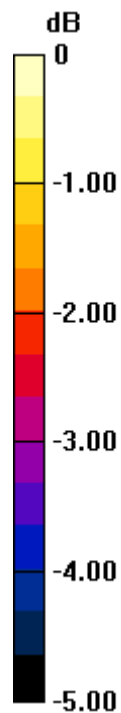
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 38.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_GFSK DH5\_ch 39/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.418 W/kg

**LHS/Touch\_GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 14.05 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.687 W/kg  
**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.151 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.1 mm  
Ratio of SAR at M2 to SAR at M1 = 44.9%  
Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 dBW/kg

## Bluetooth (Phigh) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.767$  S/m;  $\epsilon_r = 37.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/GFSK DH5\_ch 39/Area Scan (12x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.294 W/kg

**Rear/GFSK DH5\_ch 39/Zoom Scan (7x10x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.44 V/m; Power Drift = 0.03 dB

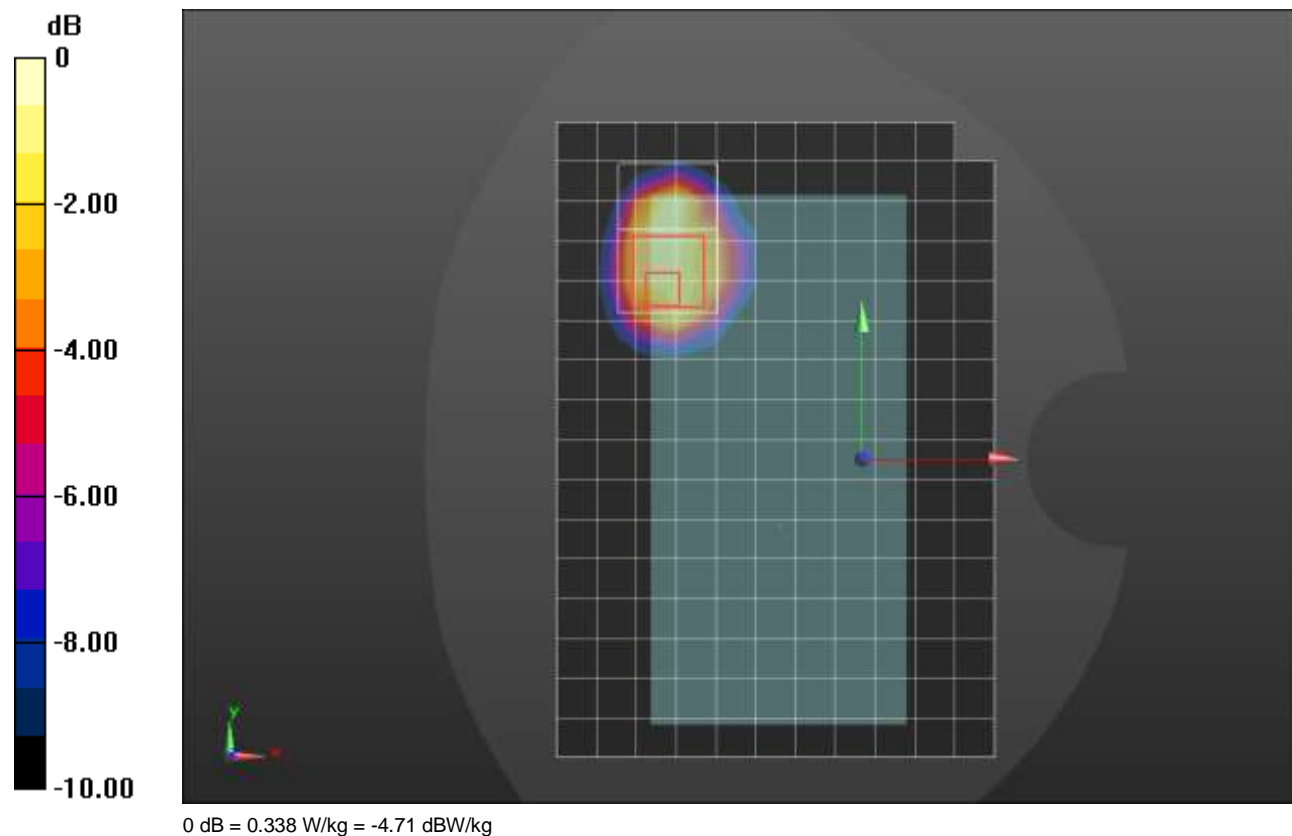
Peak SAR (extrapolated) = 0.477 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.103 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.2%

Maximum value of SAR (measured) = 0.338 W/kg



## Bluetooth (Phigh) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.767$  S/m;  $\epsilon_r = 37.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 2/GFSK DH5\_ch 39/Area Scan (8x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.307 W/kg

**Edge 2/GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.20 V/m; Power Drift = 0.17 dB

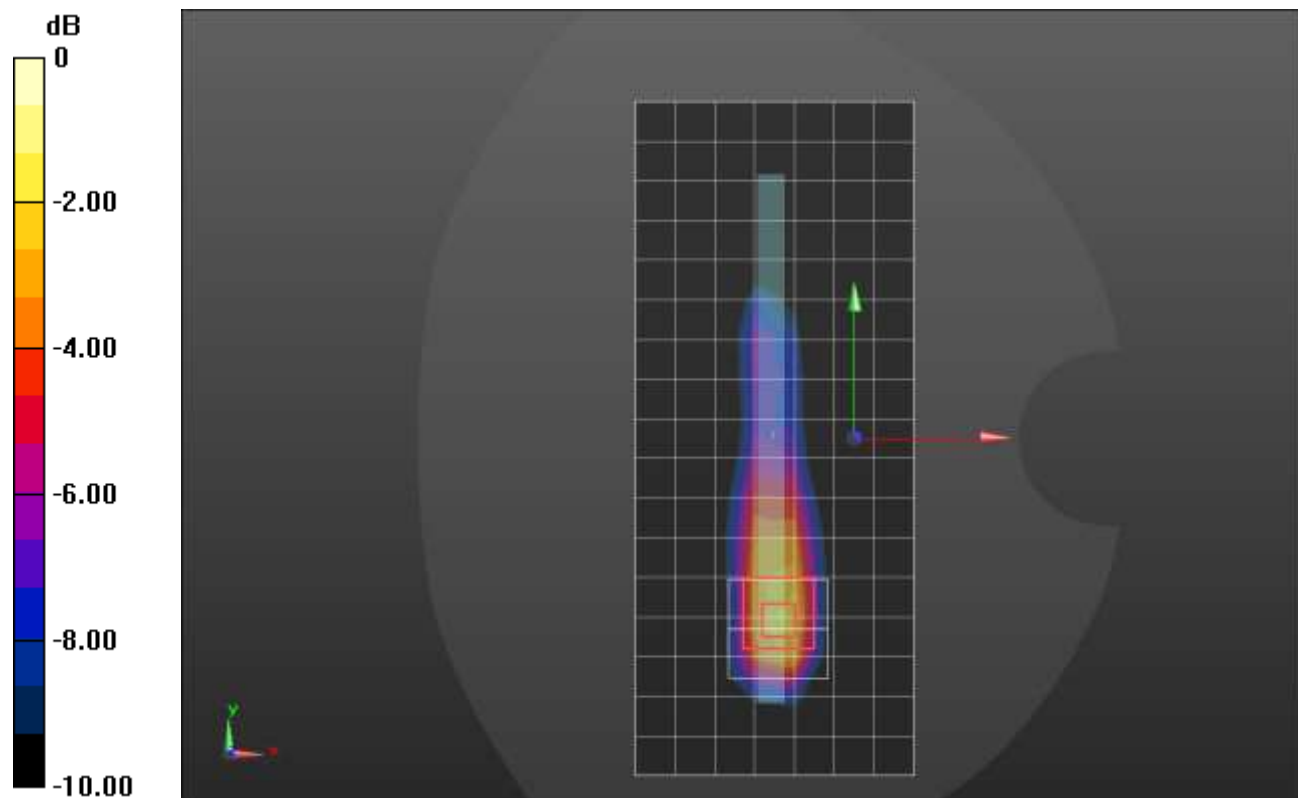
Peak SAR (extrapolated) = 0.542 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.106 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 43.7%

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg



## Bluetooth (Pstandalone) ANT 4

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;  $\sigma = 1.832$  S/m;  $\epsilon_r = 38.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**LHS/Touch\_GFSK DH5\_ch 39/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

**LHS/Touch\_GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.66 V/m; Power Drift = -0.06 dB

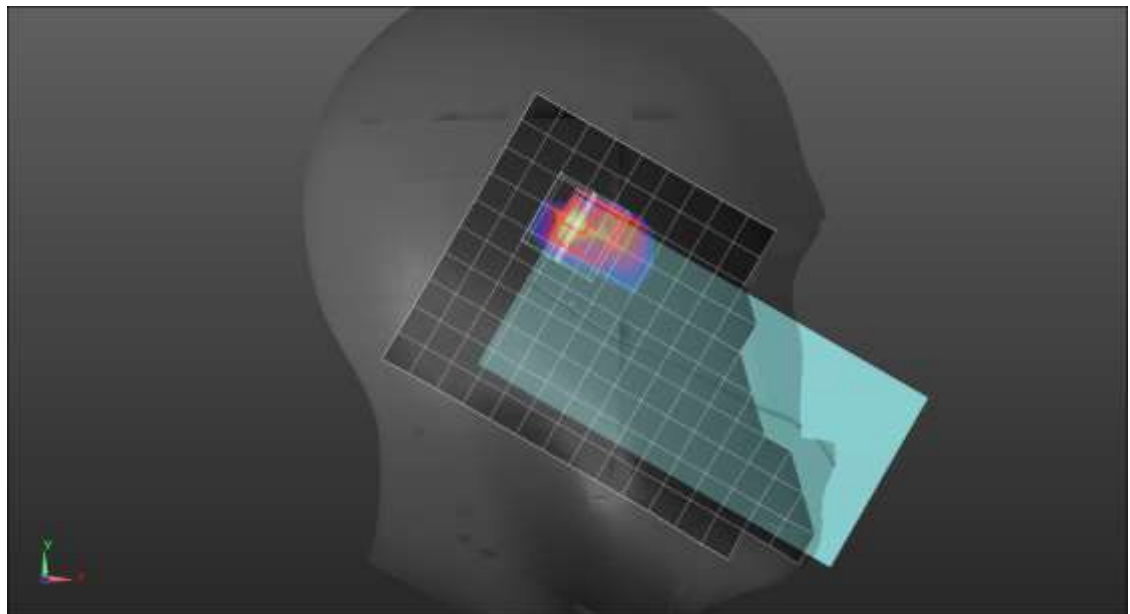
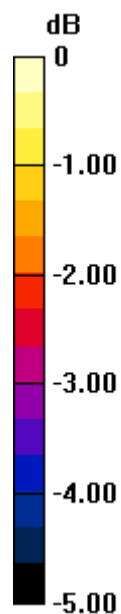
Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.363 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

## Bluetooth (Pstandalone) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.735$  S/m;  $\epsilon_r = 37.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(7.63, 7.63, 7.63) @ 2441 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Rear/GFSK DH5\_ch 39/Area Scan (12x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.606 W/kg

**Rear/GFSK DH5\_ch 39/Zoom Scan (8x10x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.15 V/m; Power Drift = 0.08 dB

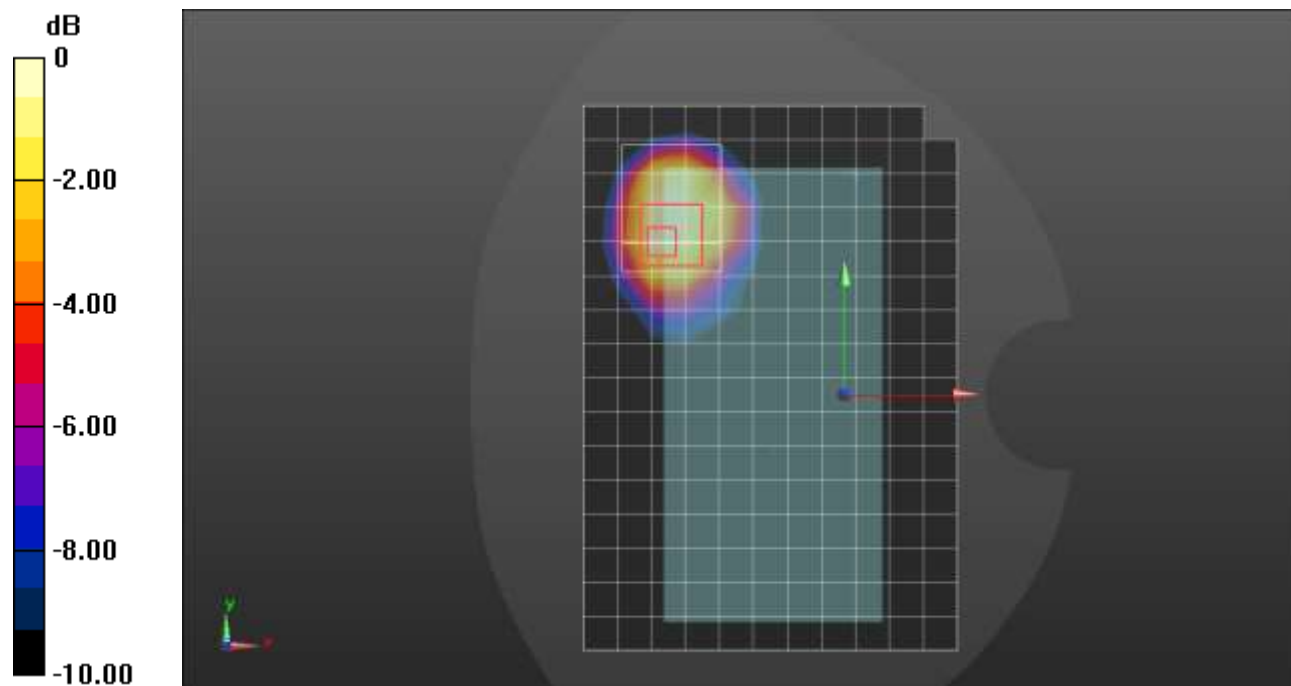
Peak SAR (extrapolated) = 0.781 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.218 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 0.607 W/kg



## Bluetooth (Pstandalone) ANT 4

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.743$  S/m;  $\epsilon_r = 40.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2441 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 2/GFSK DH5\_ch 39/Area Scan (8x18x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 2/GFSK DH5\_ch 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.02 V/m; Power Drift = -0.07 dB

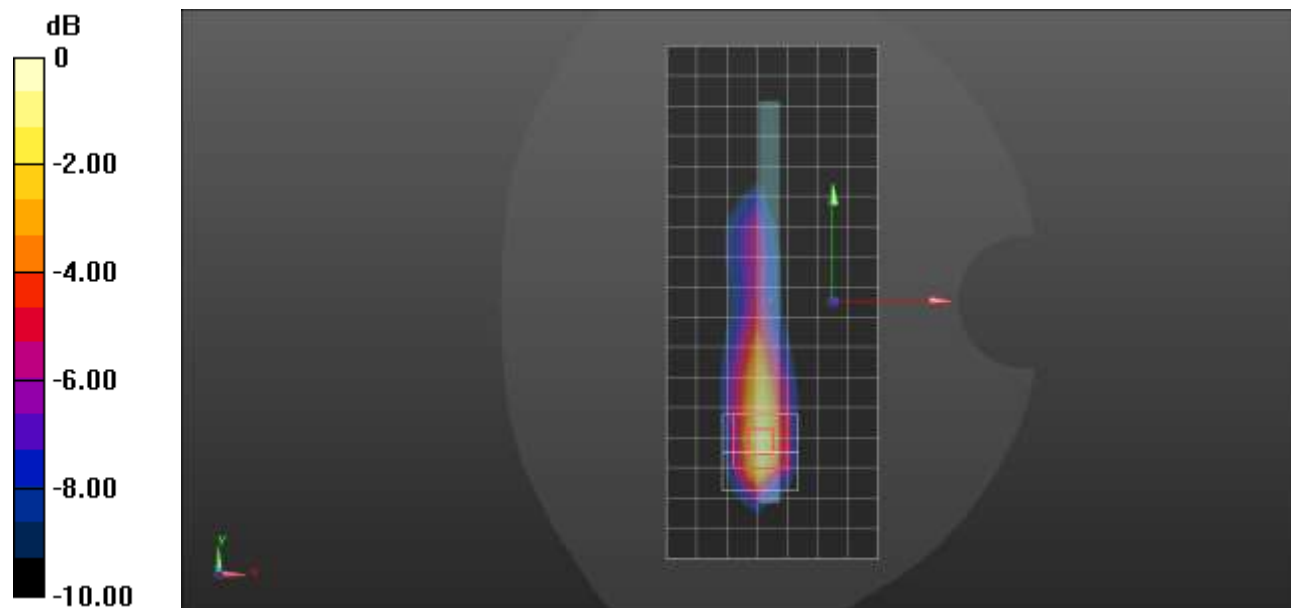
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.345 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 43.3%

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

**n5 ANT 1**

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 39.665$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**RHS/Touch\_pi/2 BPSK RB 50, 25 Ch 167300/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.271 W/kg

**RHS/Touch\_pi/2 BPSK RB 50, 25 Ch 167300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

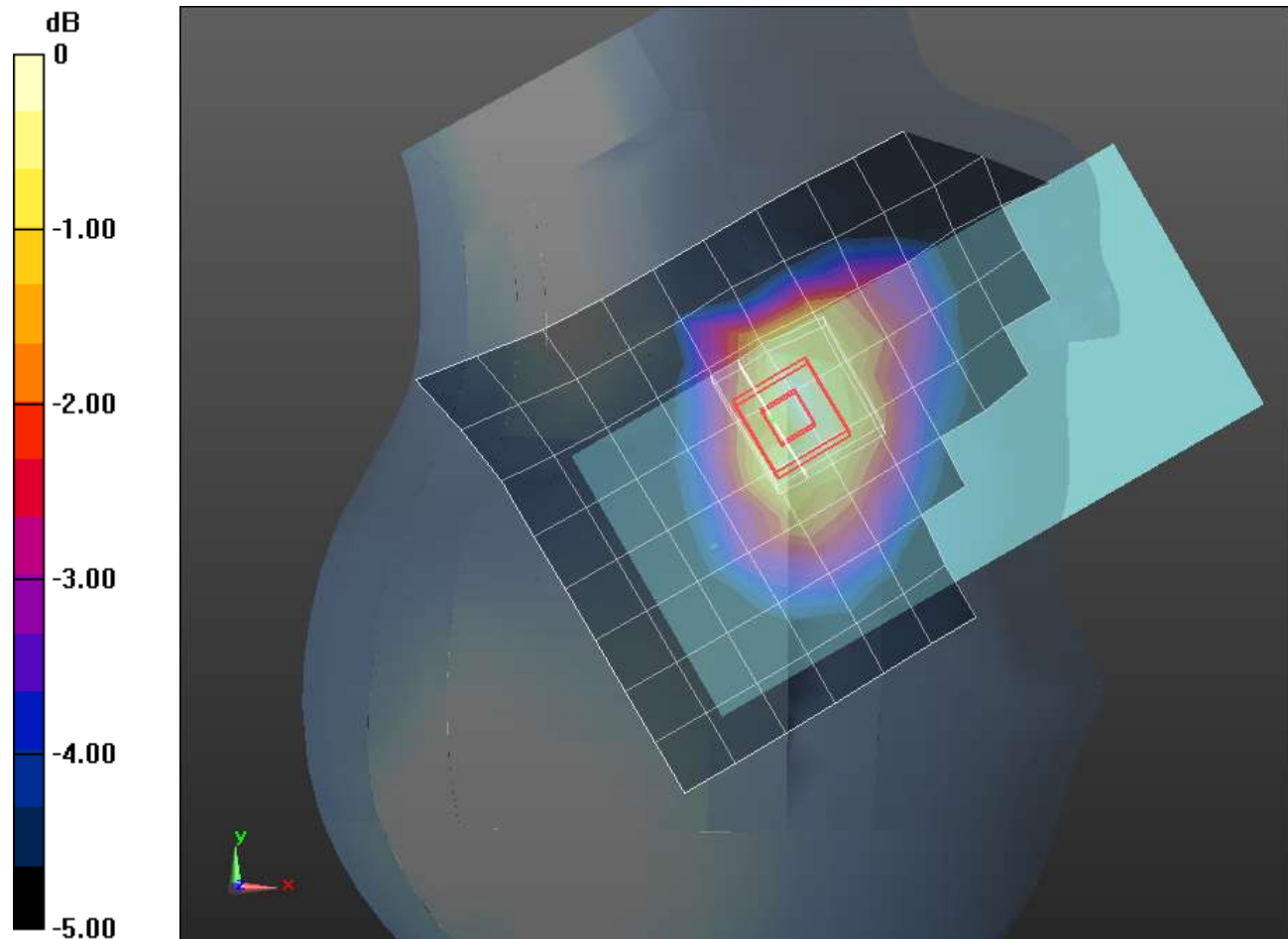
Reference Value = 17.36 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.157 W/kg**

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

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

**n5 ANT 1**

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 40.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 2048

**Rear/pi/2 BPSK RB 1,52 Ch 167300/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/pi/2 BPSK RB 1,52 Ch 167300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

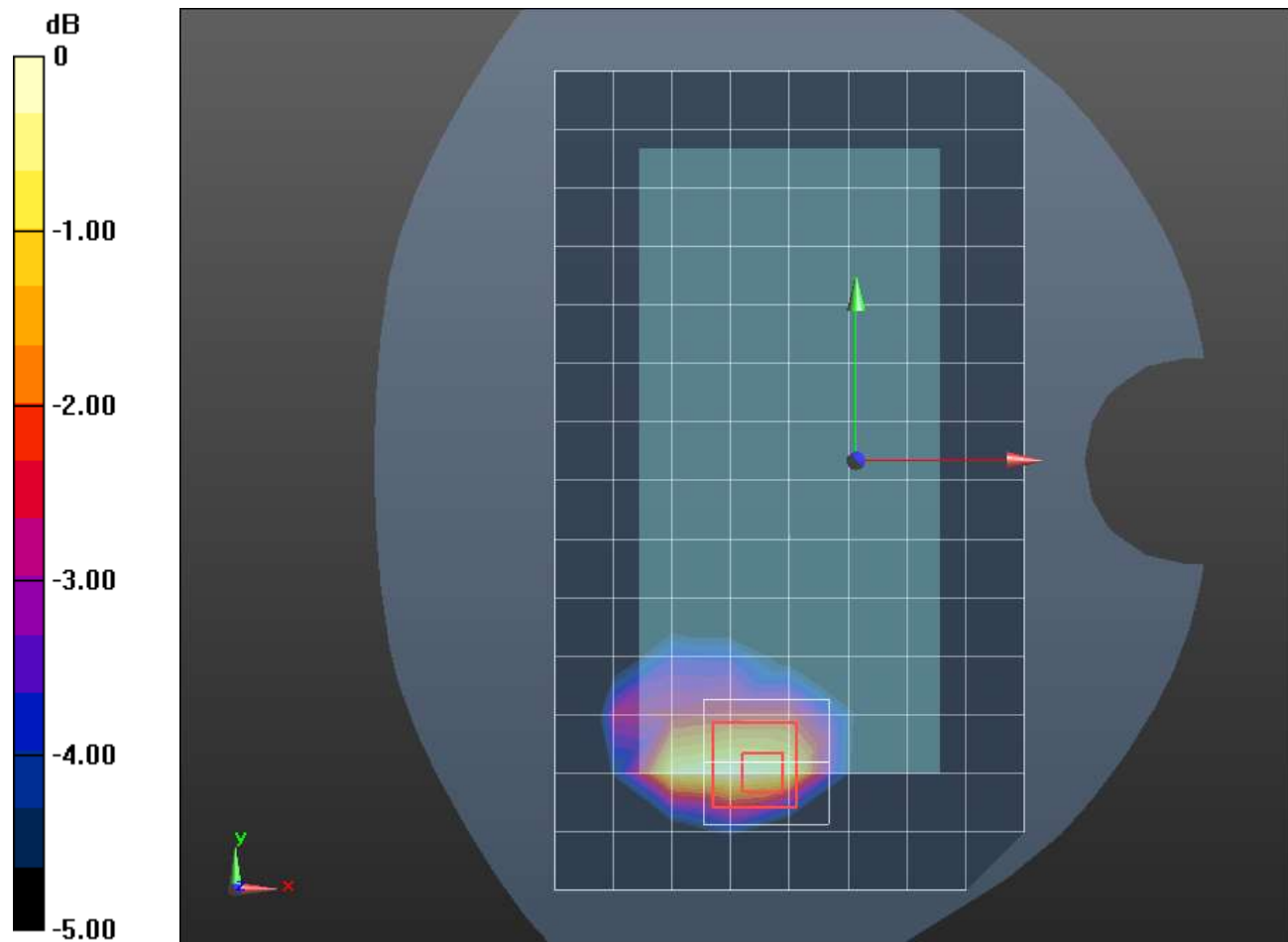
Reference Value = 37.24 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.394 W/kg**

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

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

**n5 ANT 2**

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 836.6 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_pi/2 BPSK RB 1,52 Ch 167300/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**RHS/Touch\_pi/2 BPSK RB 1,52 Ch 167300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.16 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.49 W/kg

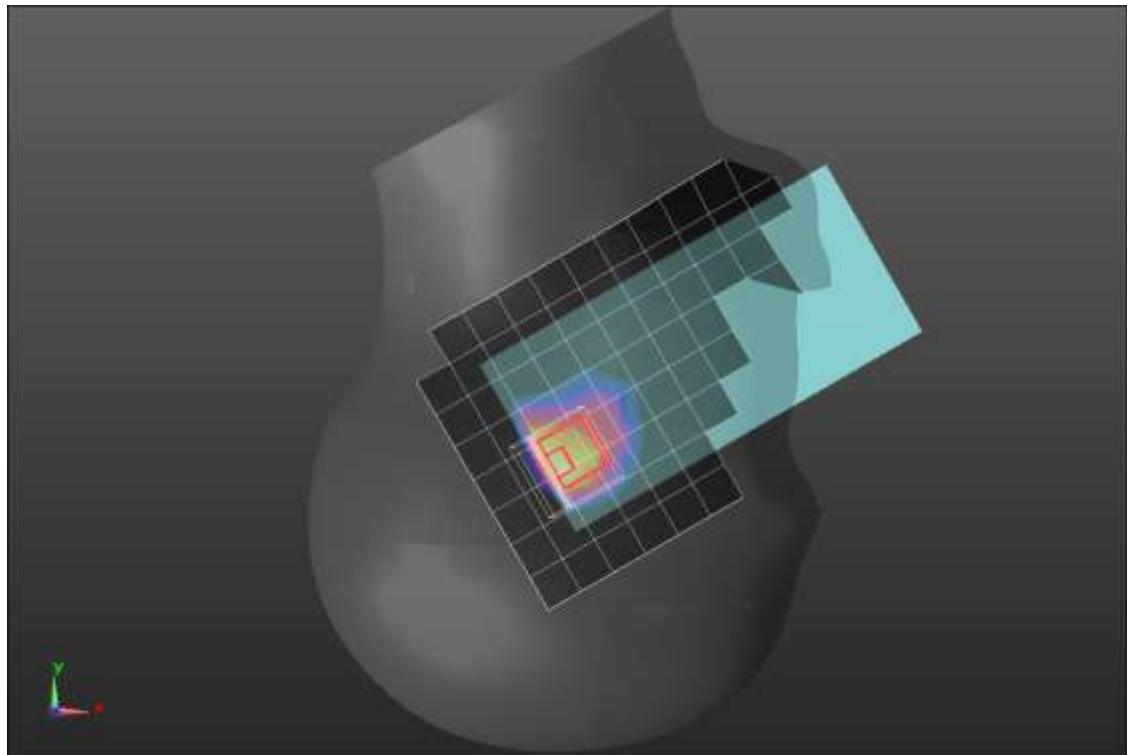
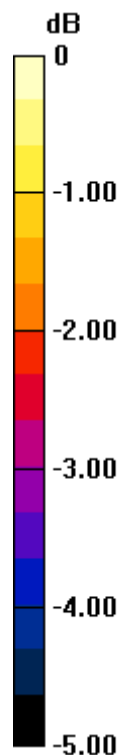
**SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.470 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.5%

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

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

**n5 ANT 2**

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 836.6 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/pi/2 BPSK RB 1,52 Ch 167300/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.911 W/kg

**Rear/pi/2 BPSK RB 1,52 Ch 167300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.05 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.17 W/kg

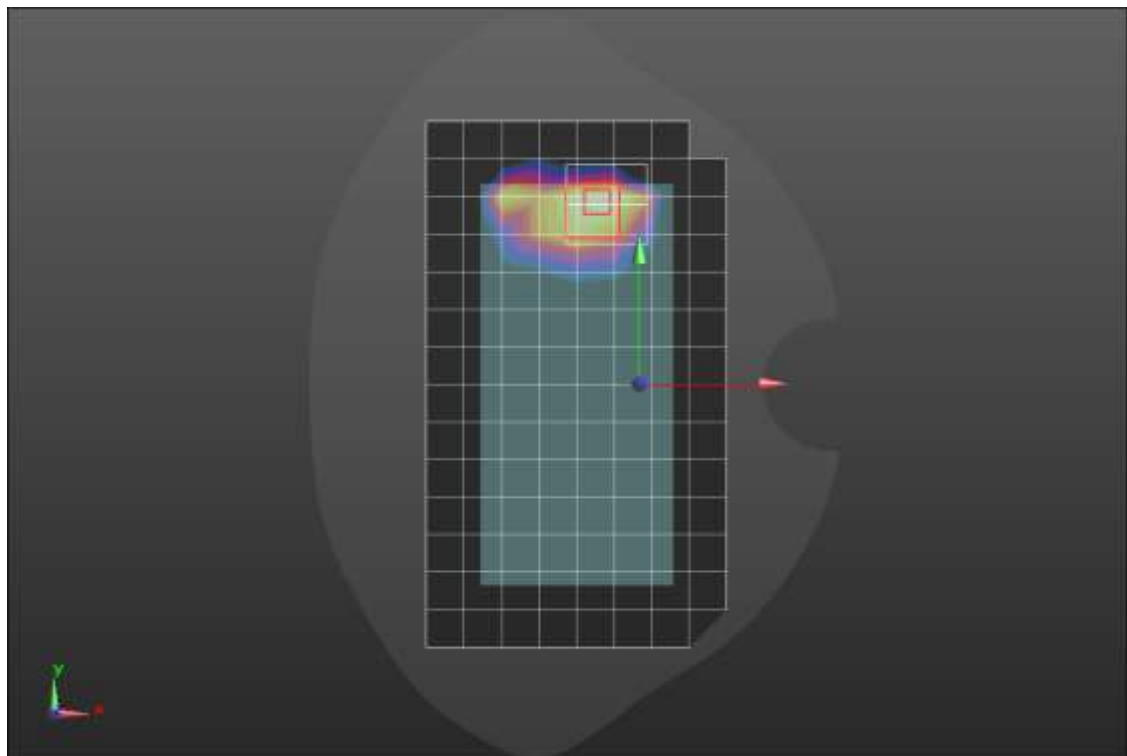
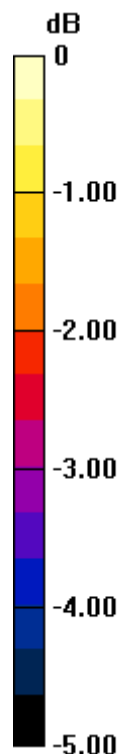
**SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.438 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

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

Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg



**n7 ANT 1**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.877$  S/m;  $\epsilon_r = 37.735$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_pi/2 BPSK RB 1,107 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.457 W/kg

**RHS/Touch\_pi/2 BPSK RB 1,107 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.76 V/m; Power Drift = 0.09 dB

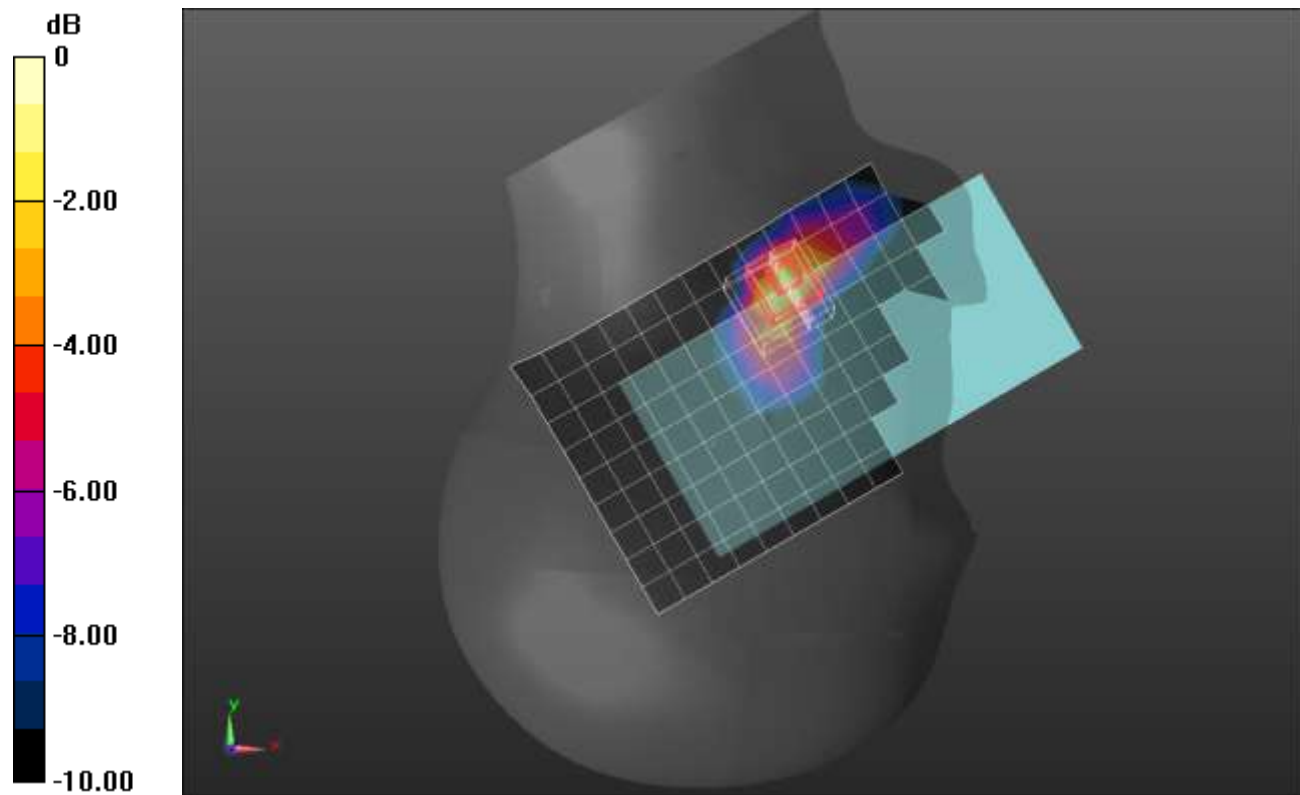
Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.173 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.541 W/kg = -2.67 dBW/kg



**n7 ANT 1**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.877$  S/m;  $\epsilon_r = 37.735$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/pi/2 BPSK RB 108,54 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.950 W/kg

**Rear/pi/2 BPSK RB 108,54 Ch 507000/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.67 V/m; Power Drift = 0.06 dB

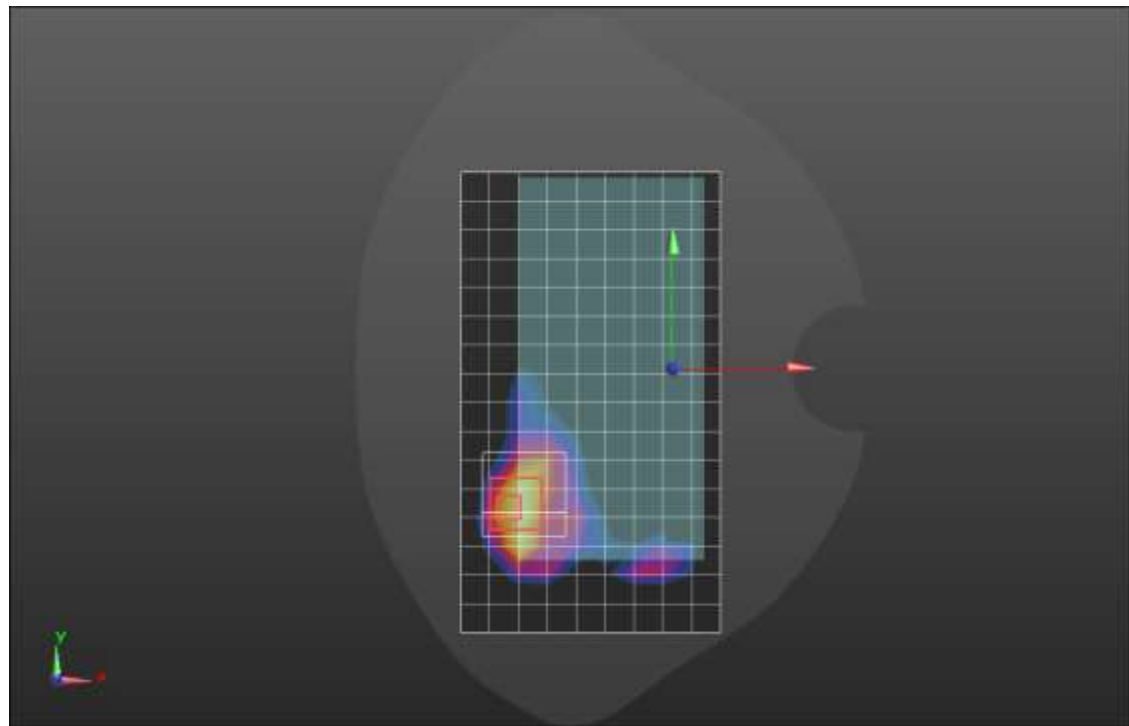
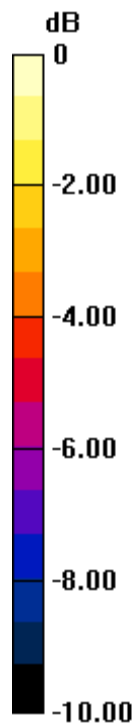
Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.240 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 41.4%

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

**n7 ANT 1**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.877$  S/m;  $\epsilon_r = 37.735$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/pi/2 BPSK RB 108,54 Ch 507000/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.05 W/kg

**Edge 2/pi/2 BPSK RB 108,54 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.79 V/m; Power Drift = -0.07 dB

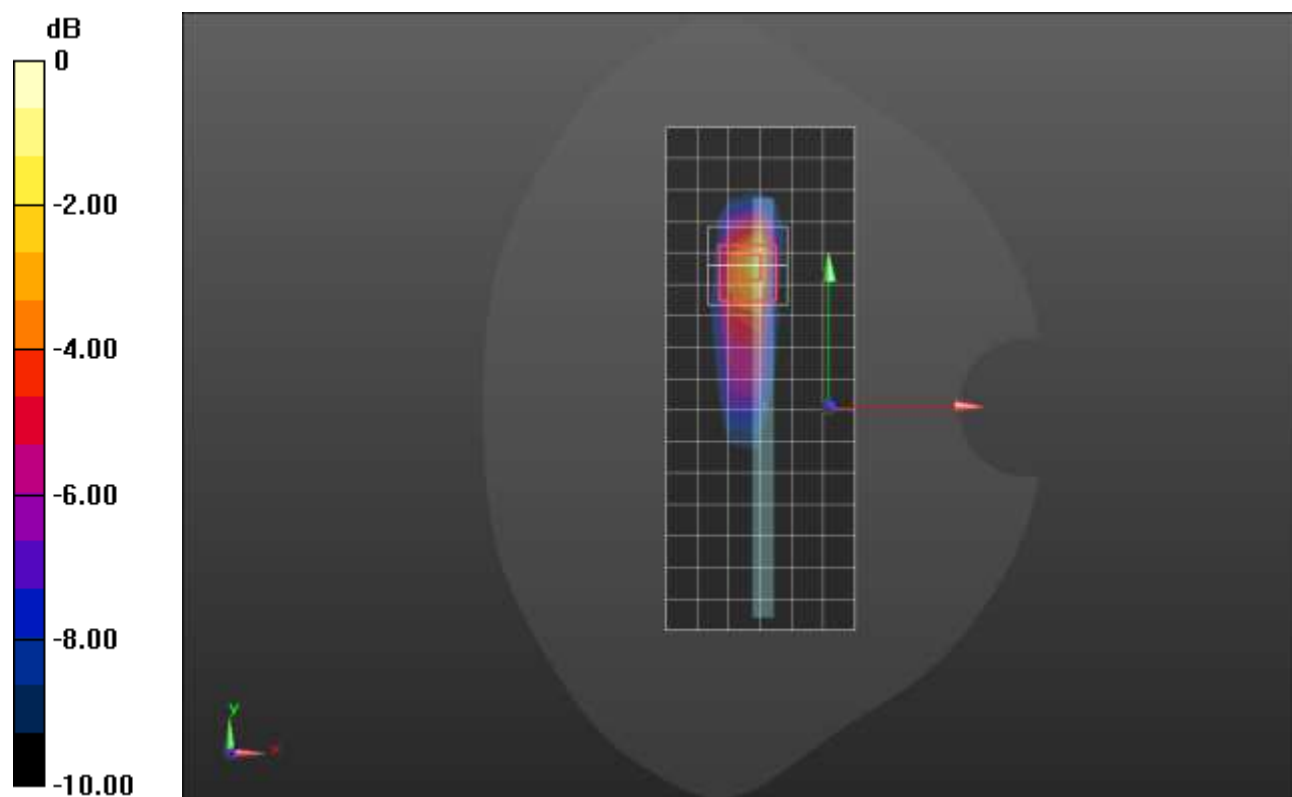
Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.325 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

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



0 dB = 1.53 W/kg = 1.85 dBW/kg

**n7 ANT 2**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.865$  S/m;  $\epsilon_r = 37.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2535 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_pi/2 BPSK RB 1,107 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.950 W/kg

**RHS/Touch\_pi/2 BPSK RB 1,107 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.66 V/m; Power Drift = 0.19 dB

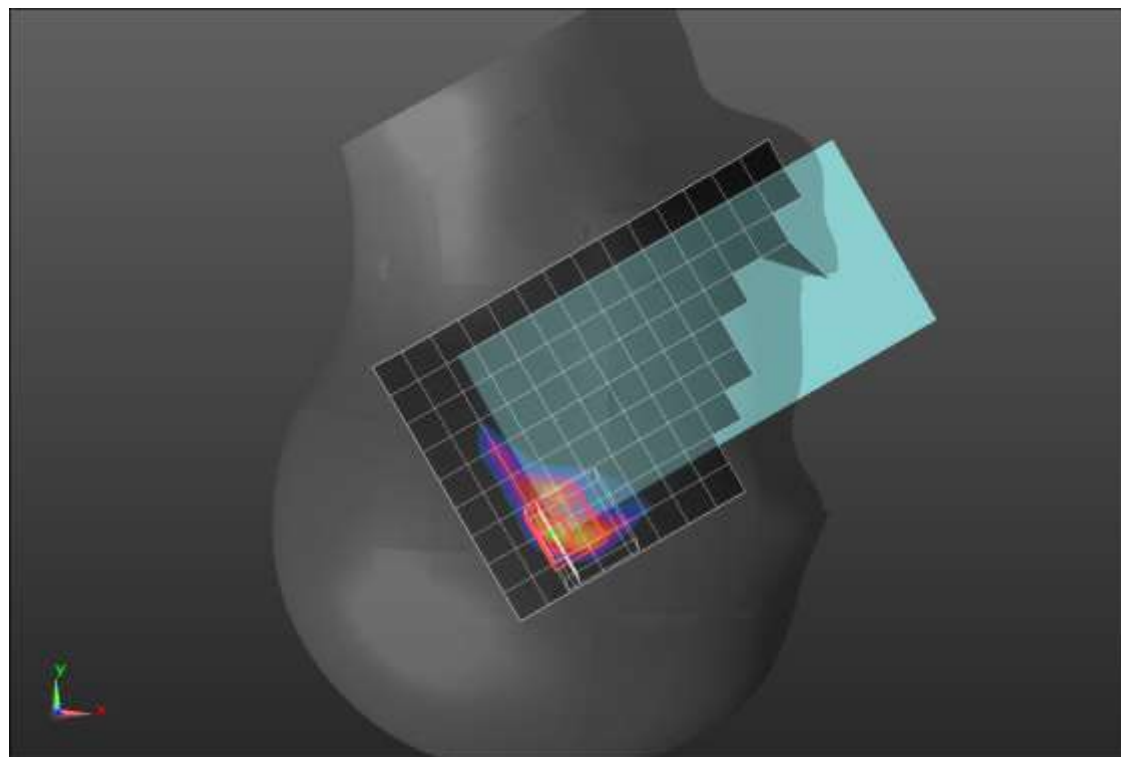
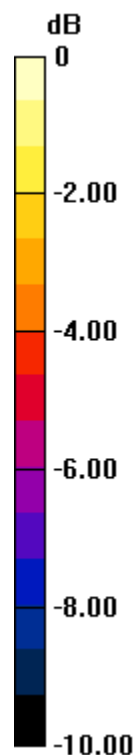
Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.276 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 36.7%

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

**n7 ANT 2**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.848$  S/m;  $\epsilon_r = 37.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(7.53, 7.53, 7.53) @ 2535 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/pi/2 BPSK RB 108,54 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

**Rear/pi/2 BPSK RB 108,54 Ch 507000/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.84 V/m; Power Drift = -0.11 dB

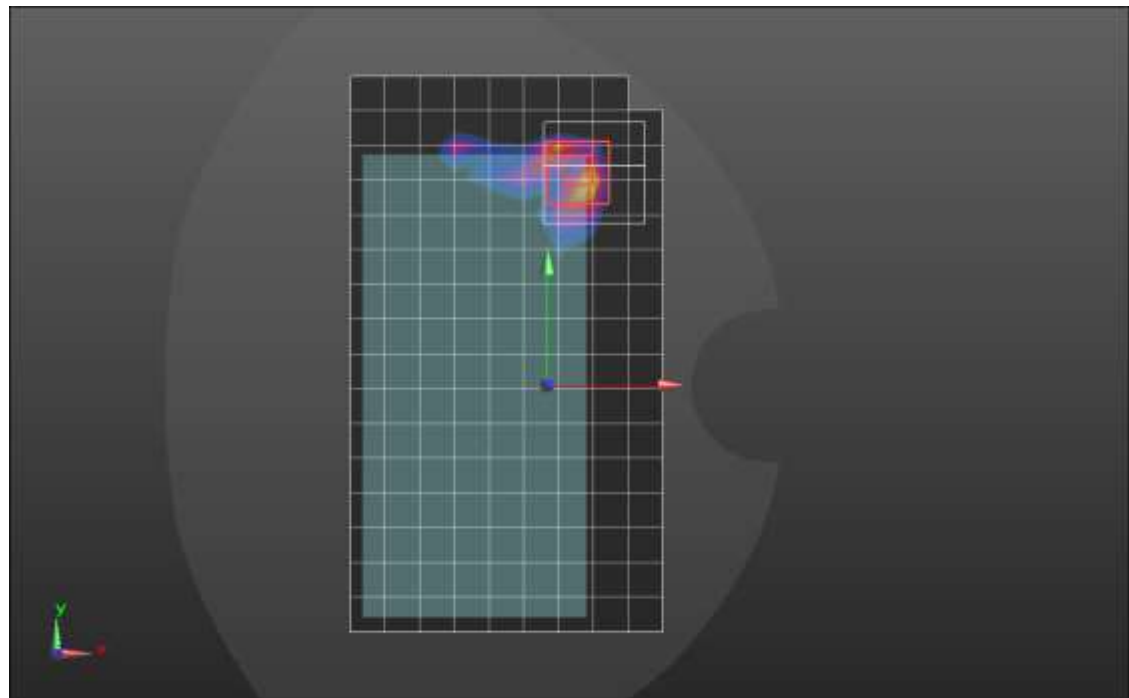
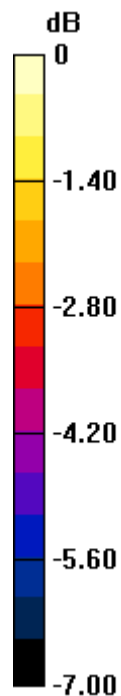
Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.306 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 39.4%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

**n7 ANT 3**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.85$  S/m;  $\epsilon_r = 37.334$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2535 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_pi/2 BPSK RB 1,107 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.510 W/kg

**LHS/Touch\_pi/2 BPSK RB 1,107 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.51 V/m; Power Drift = 0.10 dB

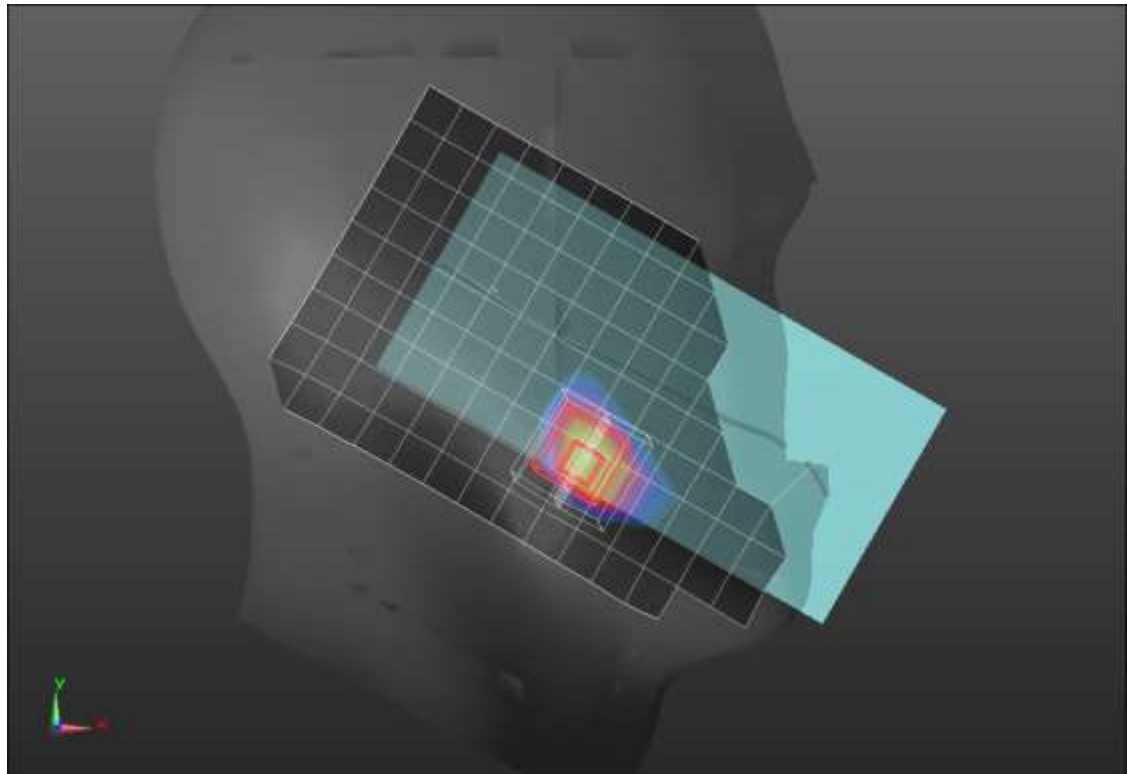
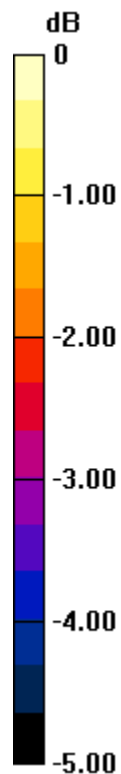
Peak SAR (extrapolated) = 0.723 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.212 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 58.9%

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

**n7 ANT 3**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.876$  S/m;  $\epsilon_r = 38.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.98, 6.98, 6.98) @ 2535 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/pi/2 BPSK RB 108,54 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.960 W/kg

**Rear/pi/2 BPSK RB 108,54 Ch 507000/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.01 V/m; Power Drift = -0.00 dB

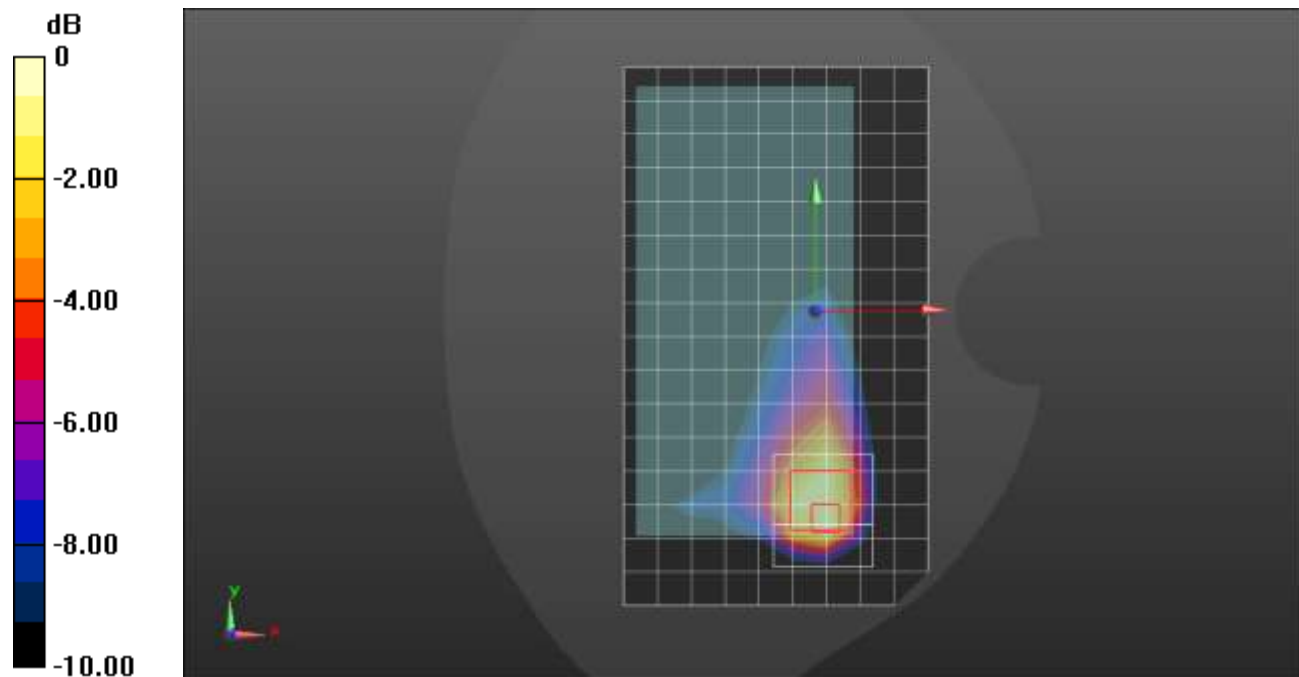
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.338 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

**n7 ANT 3**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.918$  S/m;  $\epsilon_r = 38.906$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.08, 7.08, 7.08) @ 2535 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Edge 4/pi/2 BPSK RB 1,107 Ch 507000/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.15 W/kg

**Edge 4/pi/2 BPSK RB 1,107 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.51 V/m; Power Drift = 0.19 dB

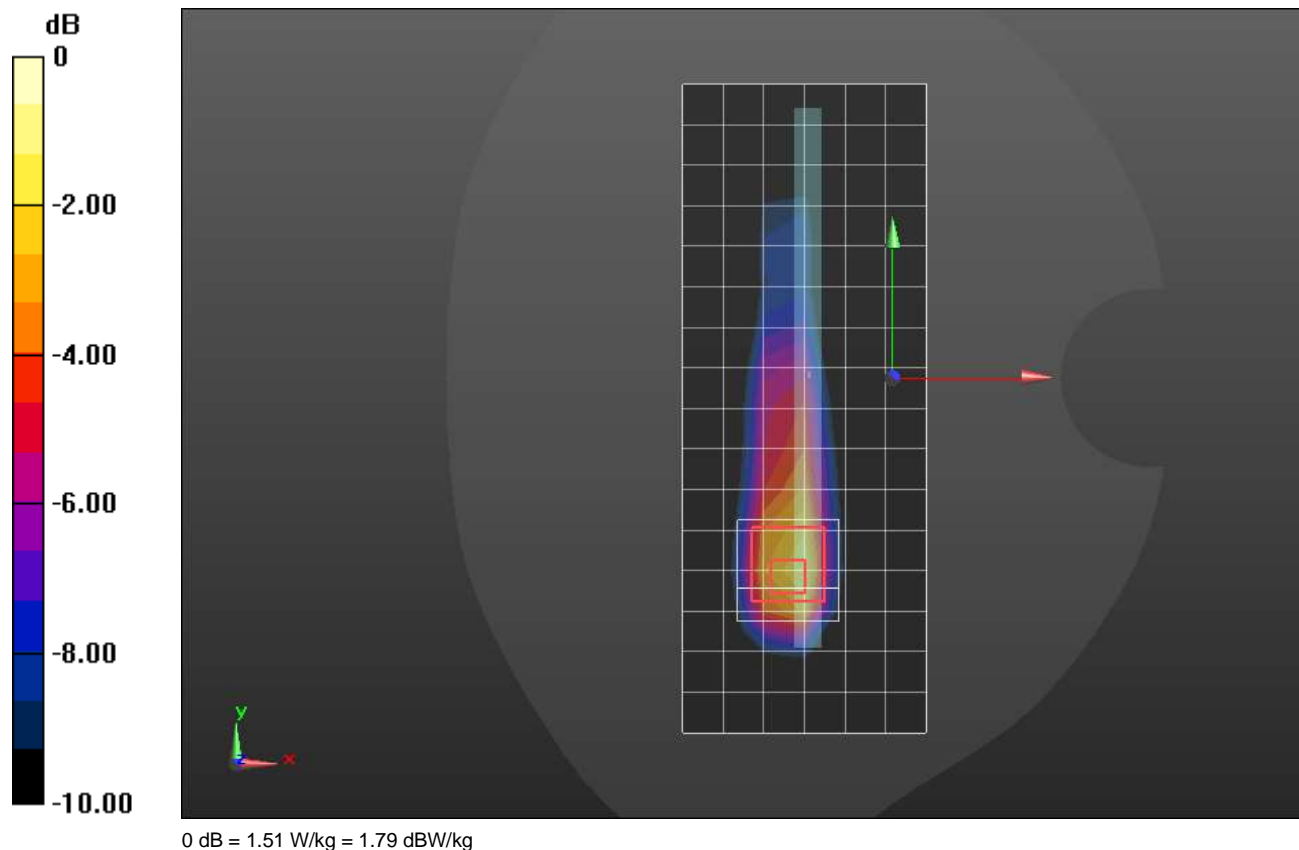
Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.369 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41.6%

Maximum value of SAR (measured) = 1.51 W/kg



**n7 ANT 4**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.876$  S/m;  $\epsilon_r = 38.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.98, 6.98, 6.98) @ 2535 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_pi/2 BPSK RB 108,54 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.58 W/kg

**LHS/Touch\_pi/2 BPSK RB 108,54 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.63 V/m; Power Drift = -0.10 dB

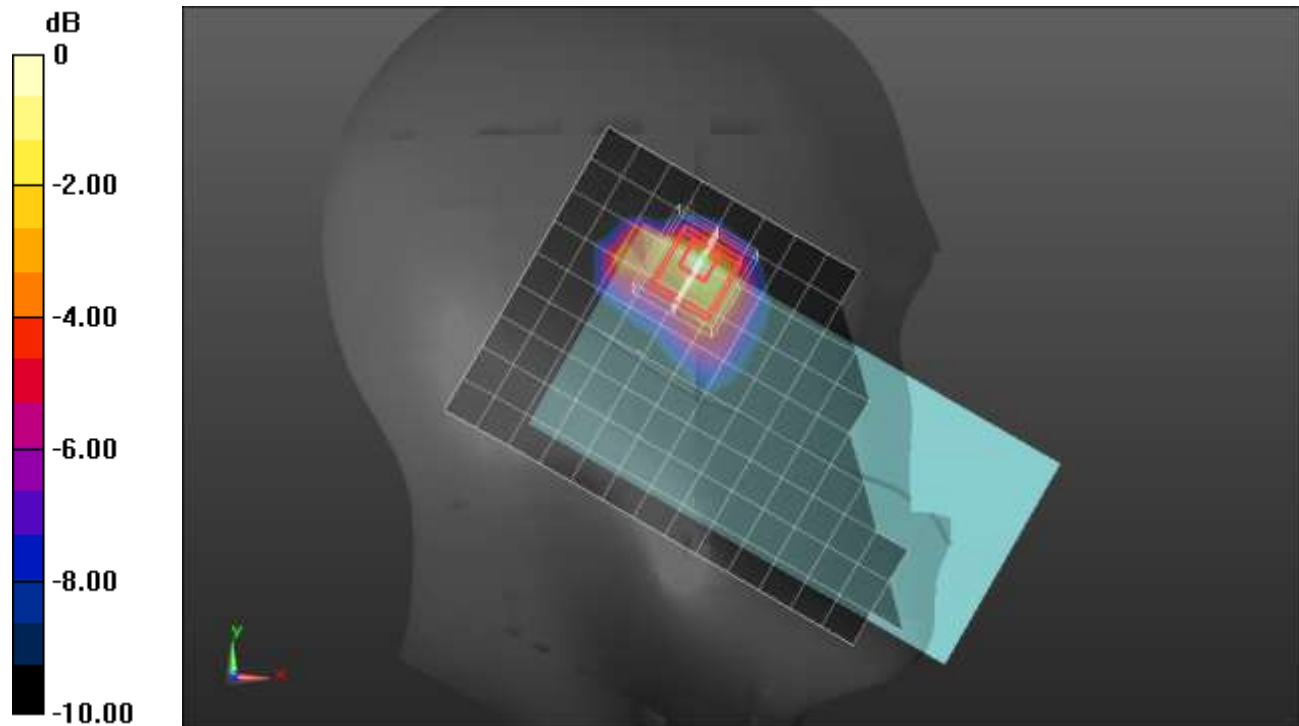
Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.415 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 36.2%

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg



**n7 ANT 4**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.871$  S/m;  $\epsilon_r = 37.889$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/pi/2 BPSK RB 1,107 Ch 507000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.799 W/kg

**Rear/pi/2 BPSK RB 1,107 Ch 507000/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.15 V/m; Power Drift = -0.01 dB

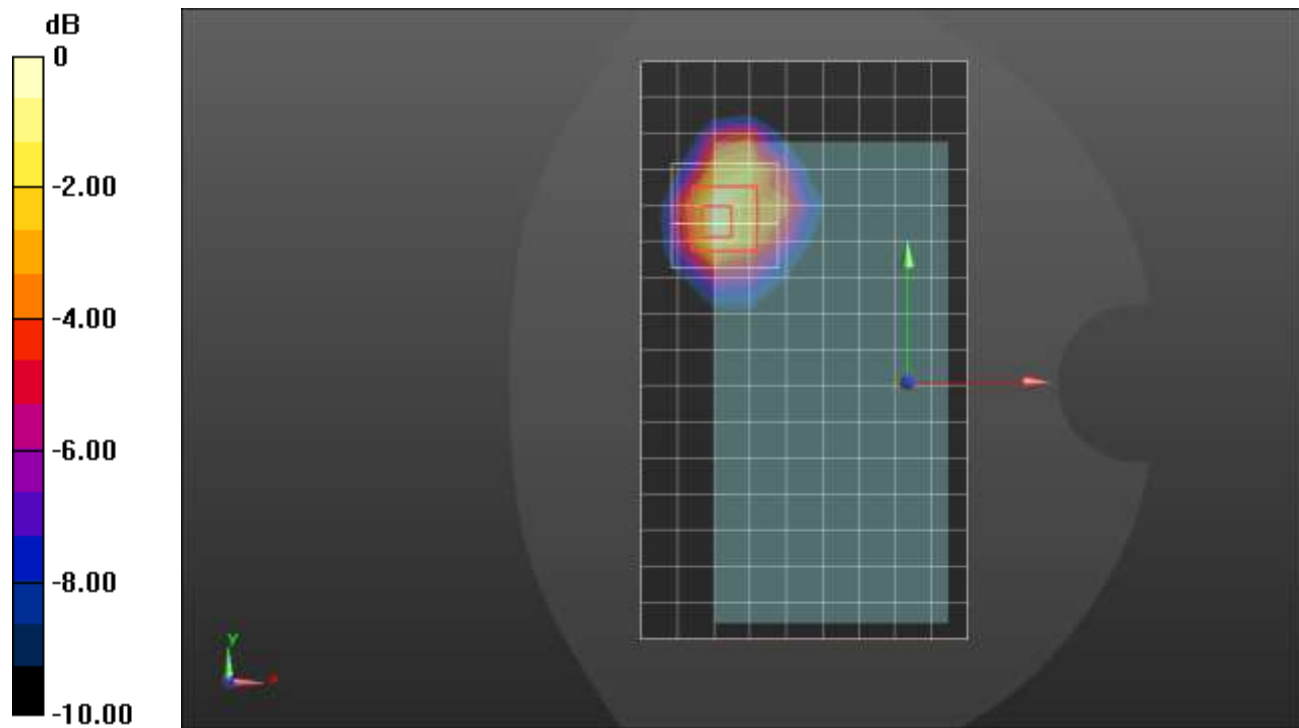
Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.250 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.845 W/kg



0 dB = 0.845 W/kg = -0.73 dBW/kg

**n7 ANT 4**

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.871$  S/m;  $\epsilon_r = 37.889$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2535 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/pi/2 BPSK RB 108,54 Ch 507000/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

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

**Edge 2/pi/2 BPSK RB 108,54 Ch 507000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.45 V/m; Power Drift = -0.04 dB

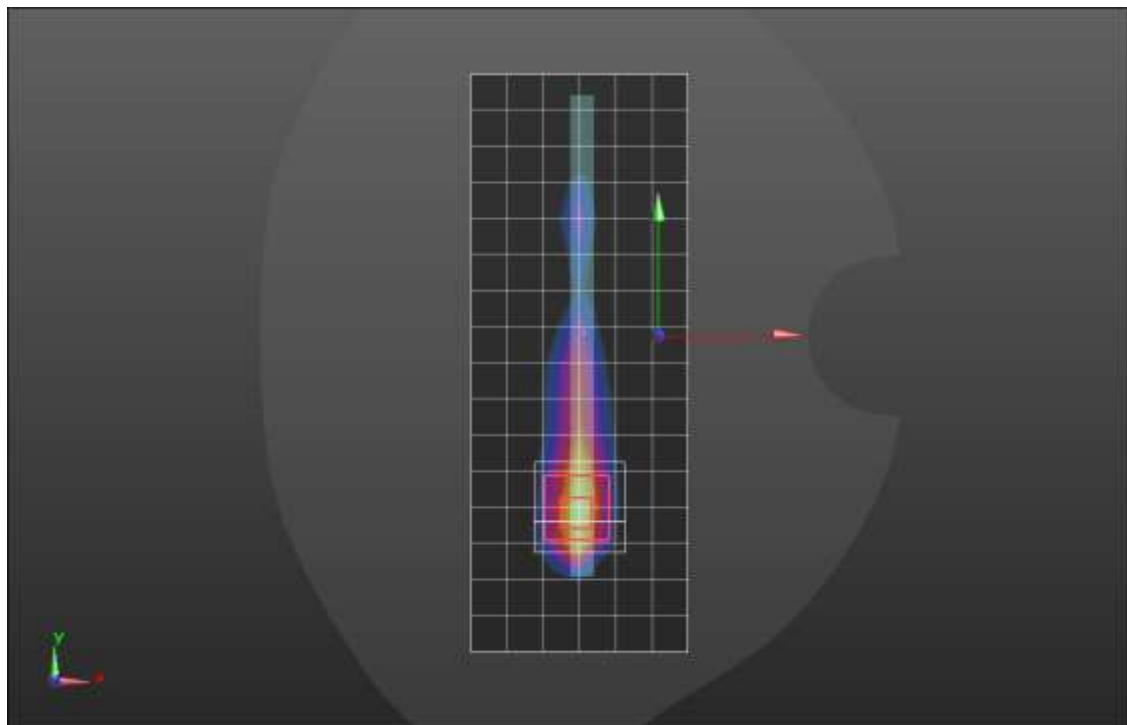
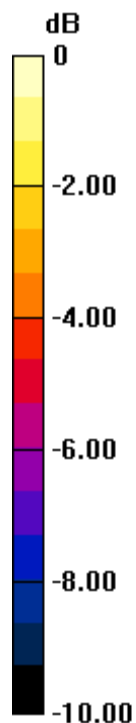
Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.303 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

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



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

**n12 ANT 1**

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.859$  S/m;  $\epsilon_r = 40.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 707.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_pi/2 BPSK RB 1,39 Ch 141500/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.188 W/kg

**LHS/Touch\_pi/2 BPSK RB 1,39 Ch 141500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

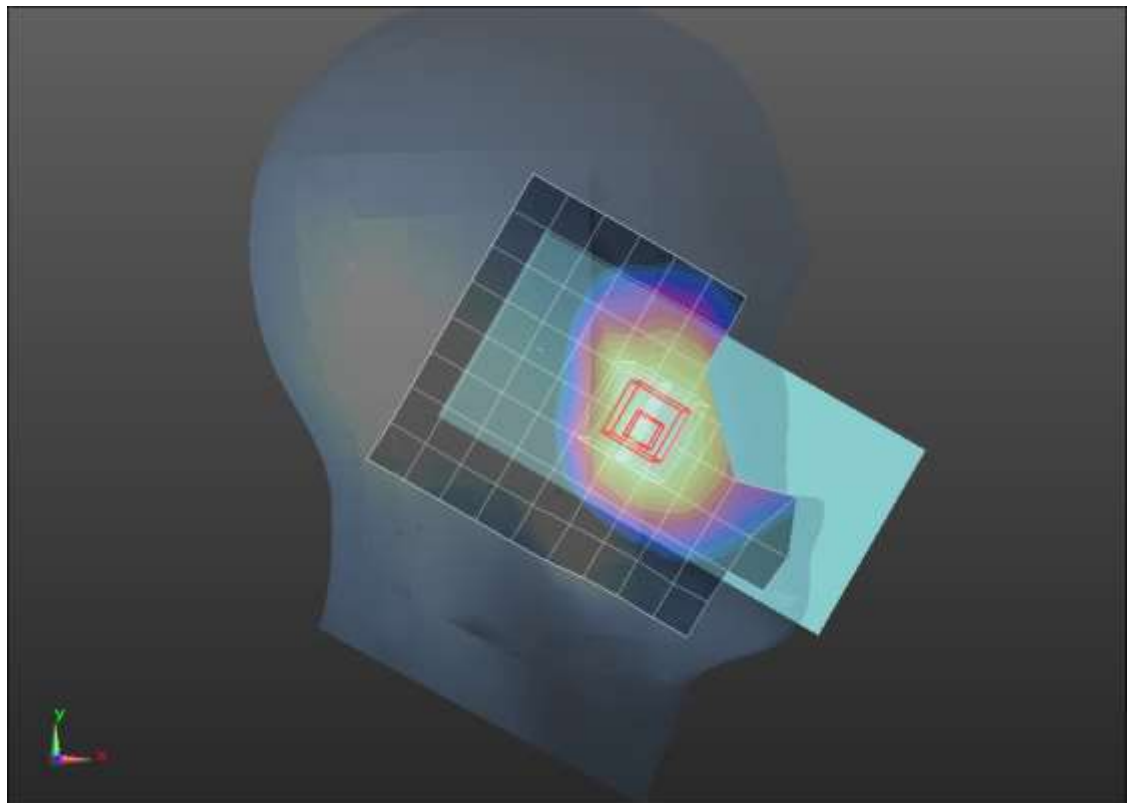
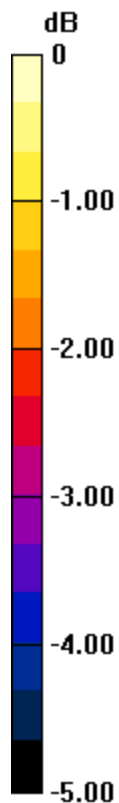
Reference Value = 14.97 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.126 W/kg**

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

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

**n12 ANT 1**

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 41.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 707.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/pi/2 BPSK RB 1,39 Ch 141500/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/pi/2 BPSK RB 1,39 Ch 141500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

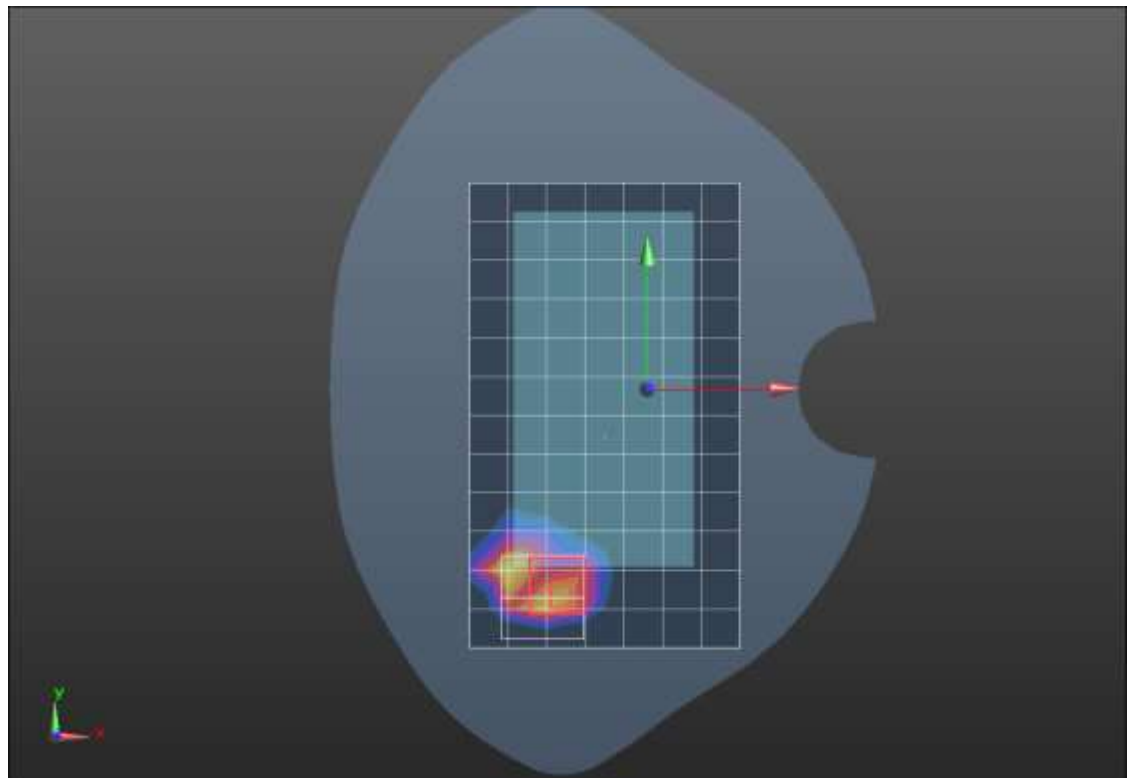
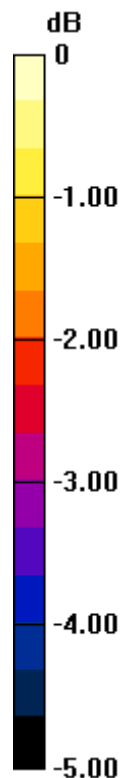
Reference Value = 37.67 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.379 W/kg**

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

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

**n12 ANT 2**

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.857$  S/m;  $\epsilon_r = 41.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 707.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_pi/2 BPSK RB 36,18 Ch 141500/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.850 W/kg

**RHS/Touch\_pi/2 BPSK RB 36,18 Ch 141500/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

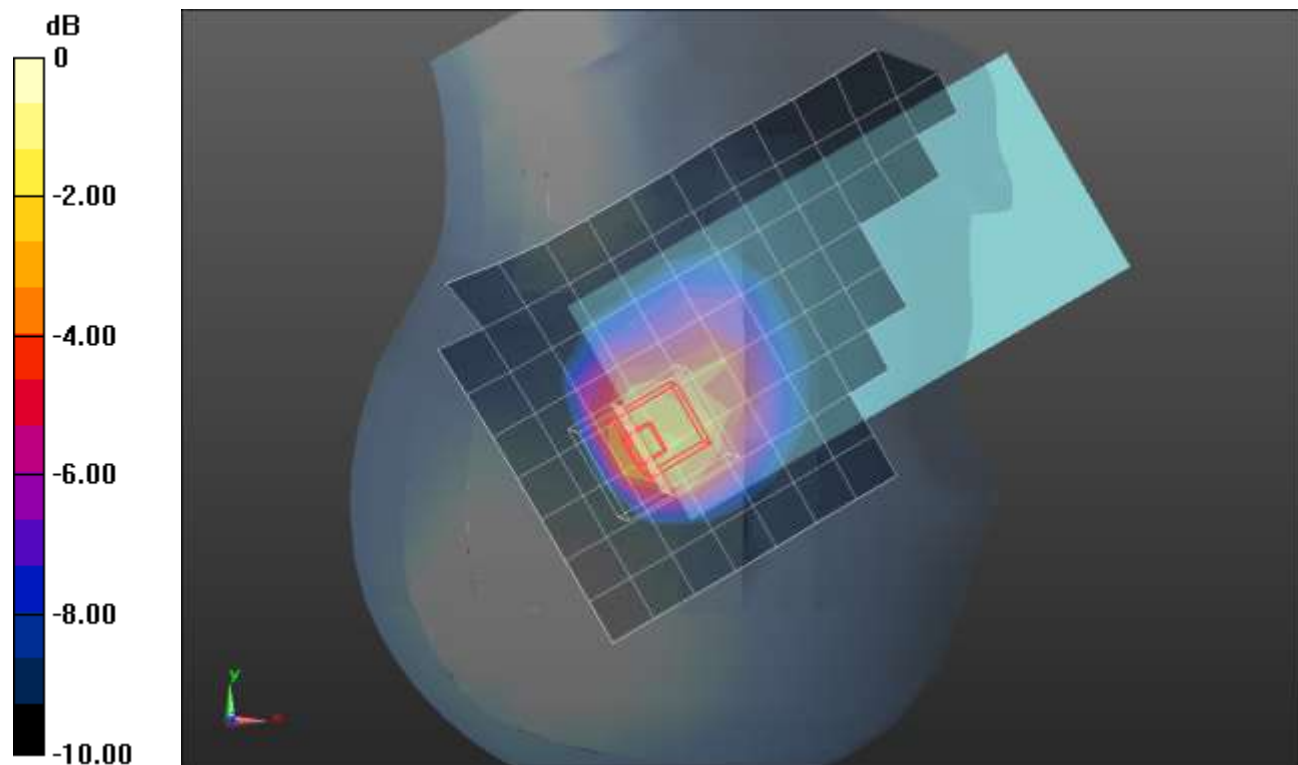
Reference Value = 32.72 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.473 W/kg**

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

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

**n12 ANT 2**

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.857$  S/m;  $\epsilon_r = 41.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 707.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/pi/2 BPSK RB 36,18 Ch 141500/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.759 W/kg

**Rear/pi/2 BPSK RB 36,18 Ch 141500/Zoom Scan (8x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

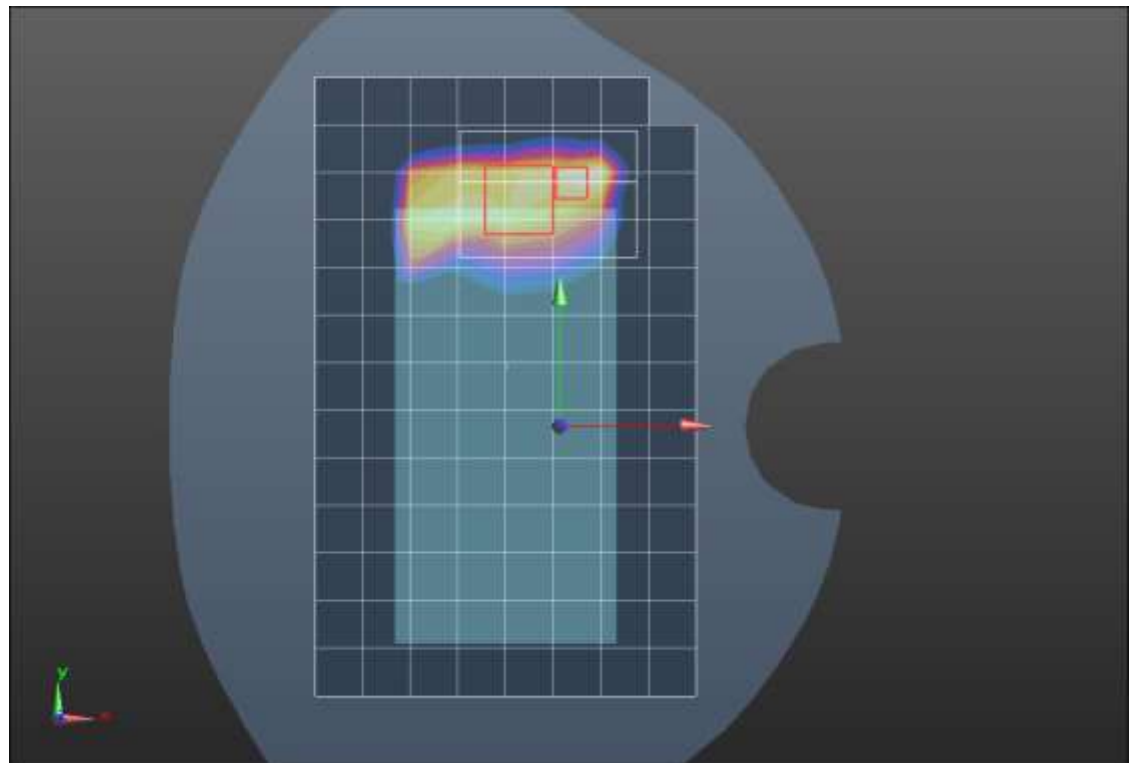
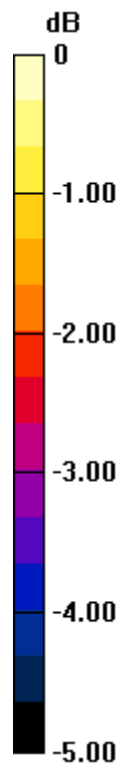
Reference Value = 26.49 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.295 W/kg**

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

Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

**n14 ANT 1**

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 40.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_pi/2 BPSK RB 25,12 Ch 158600/Area Scan (10x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.178 W/kg

**RHS/Touch\_pi/2 BPSK RB 25,12 Ch 158600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

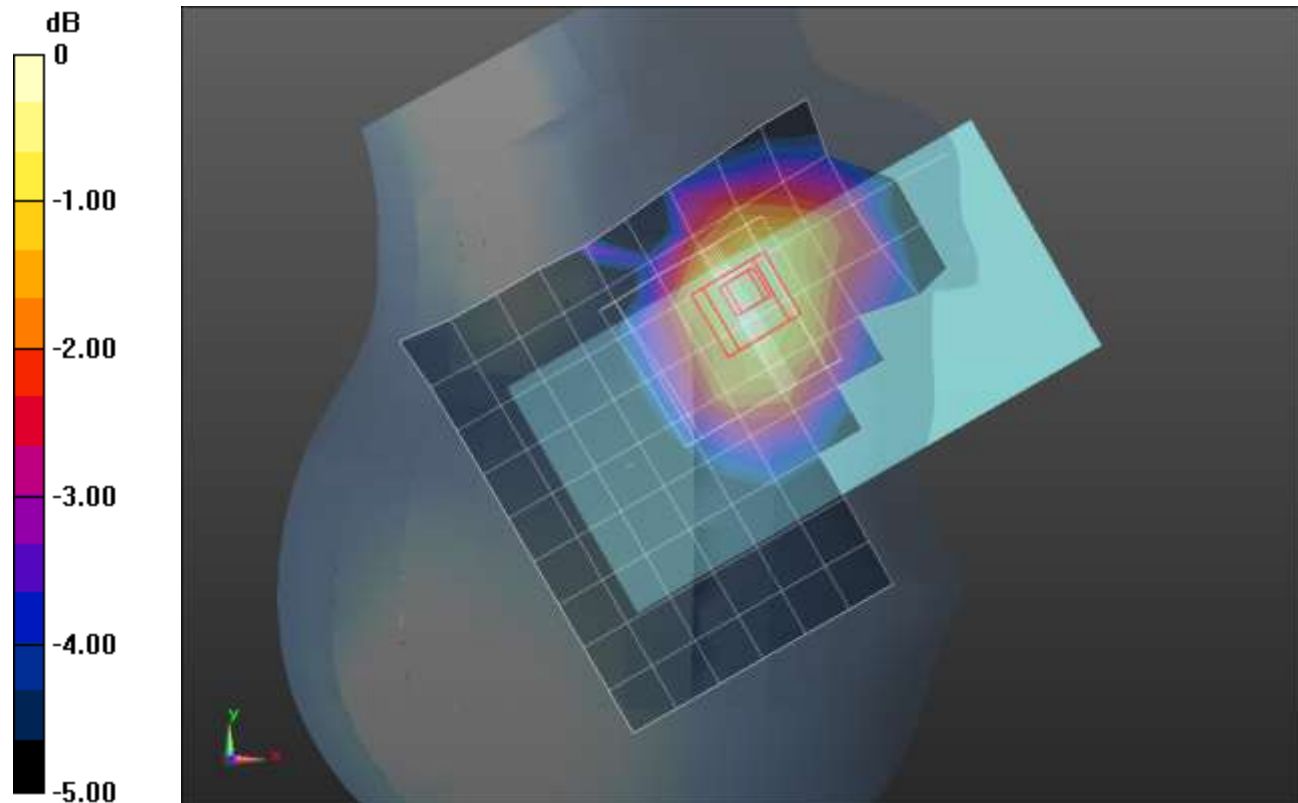
Reference Value = 14.67 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.114 W/kg**

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

Maximum value of SAR (measured) = 0.186 W/kg





**n14 ANT 1**

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/pi/2 BPSK RB 1,25 Ch 158600/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/pi/2 BPSK RB 1,25 Ch 158600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

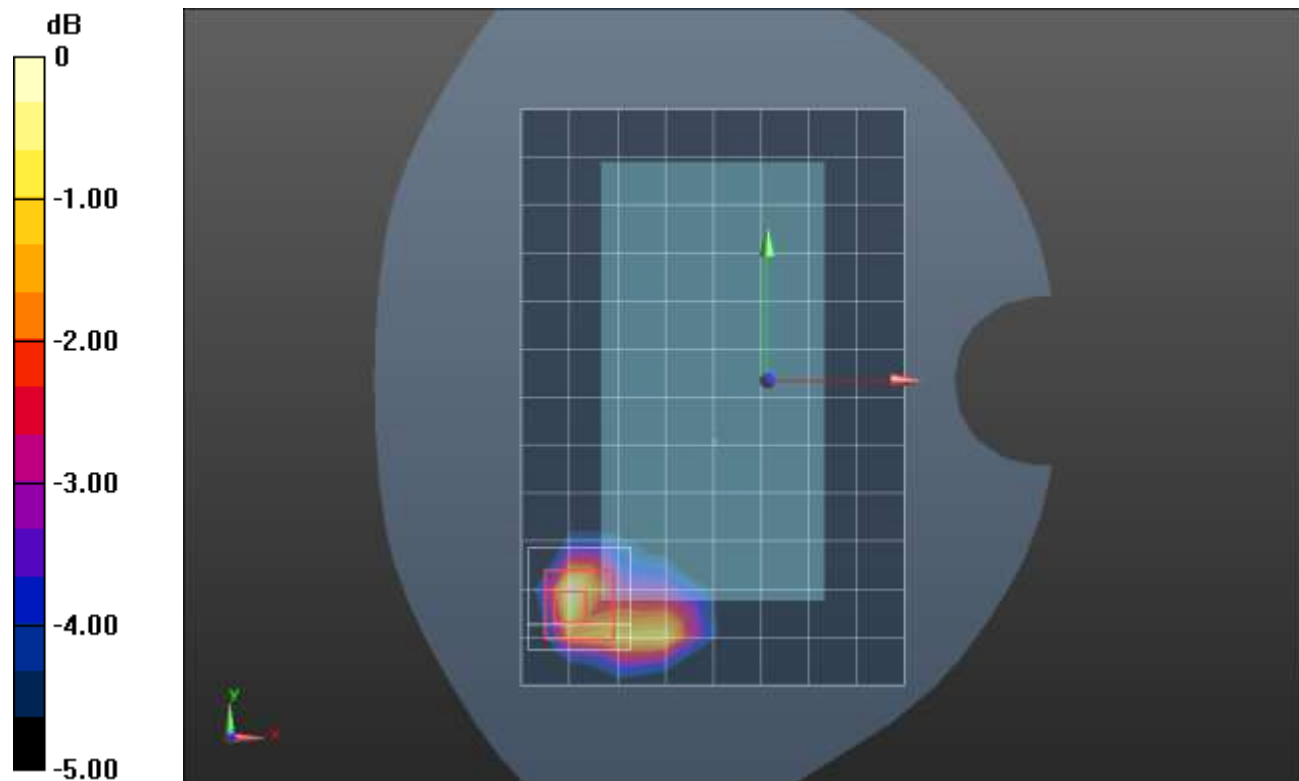
Reference Value = 38.83 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.340 W/kg**

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

Maximum value of SAR (measured) = 1.21 W/kg





**n14 ANT 2**

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 40.656$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(9.75, 9.75, 9.75) @ 793 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**RHS 1/Touch\_pi/2 BPSK RB 1,25 Ch 158600/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.961 W/kg

**RHS 1/Touch\_pi/2 BPSK RB 1,25 Ch 158600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.91 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

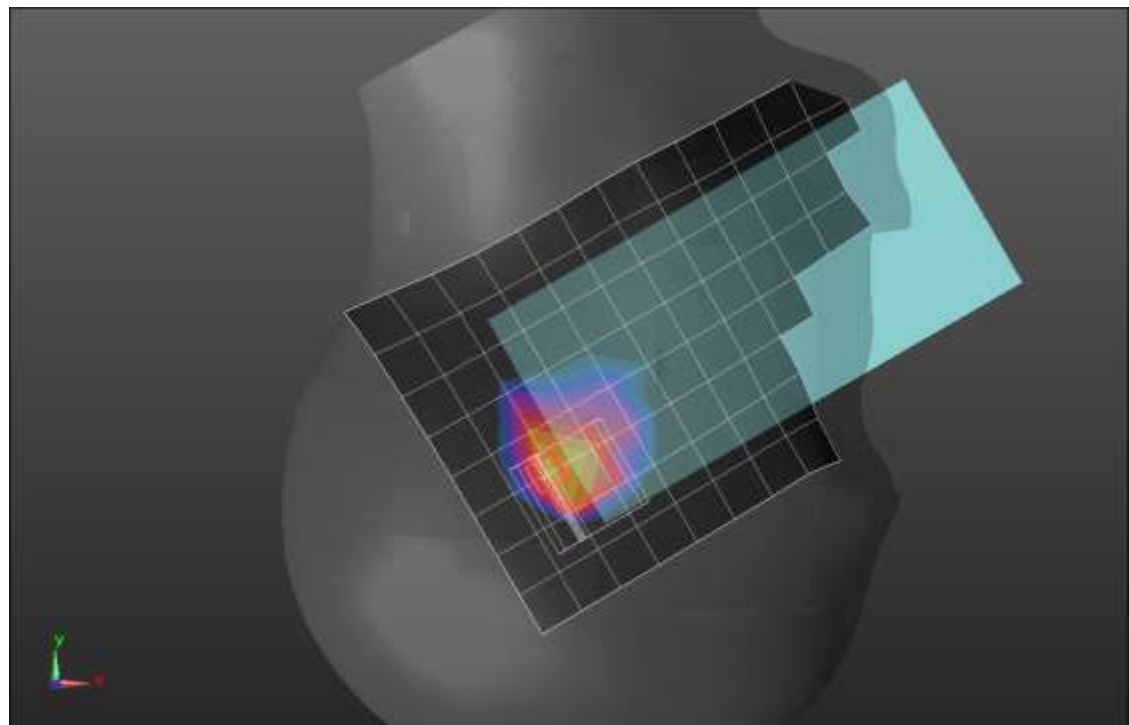
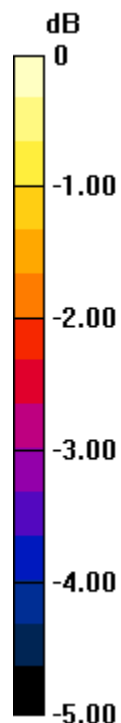
**SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.441 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

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

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



0 dB = 1.20 W/kg = 0.79 dBW/kg

**n14 ANT 2**

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 41.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 793 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/pi/2 BPSK RB 1,25 Ch 158600/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**Rear/pi/2 BPSK RB 1,25 Ch 158600/Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

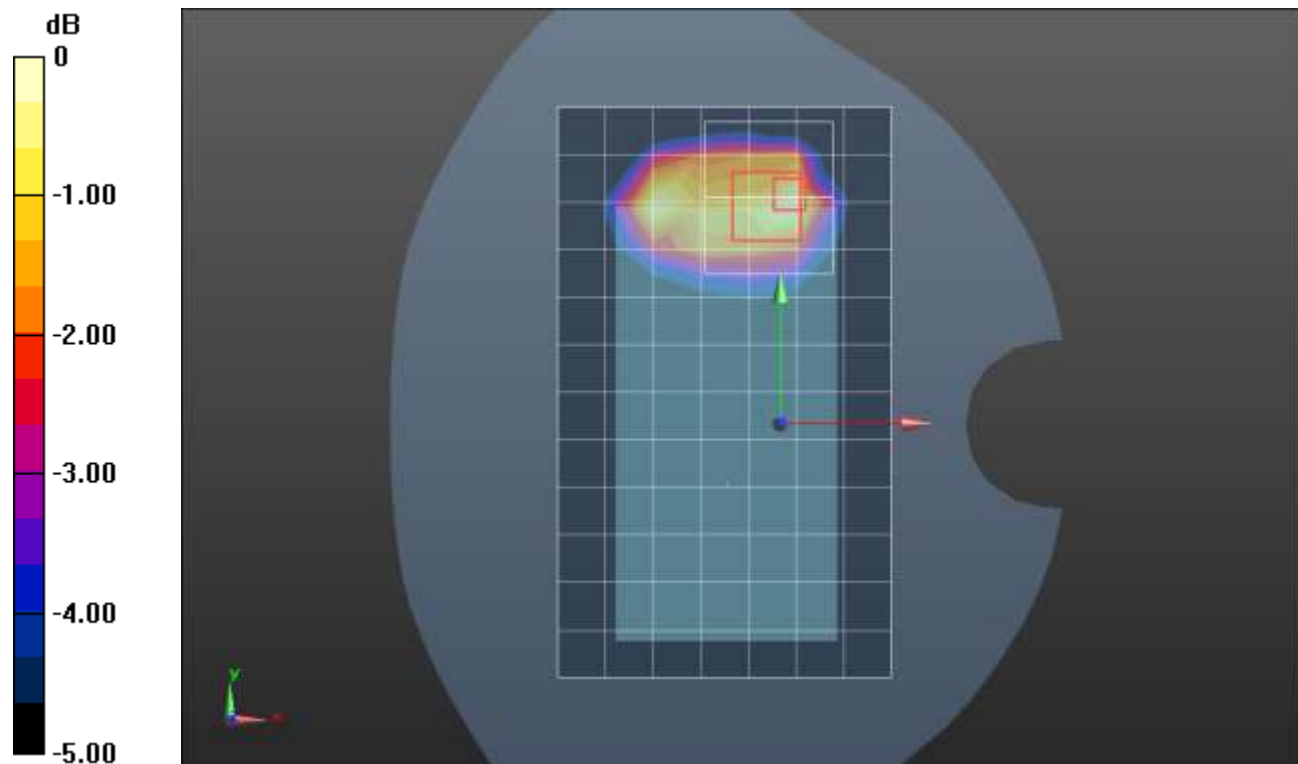
Reference Value = 37.03 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.460 W/kg**

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

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

**n25 ANT 1**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 39.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_Pi/2 BPSK RB 1,107 Ch 376500/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.394 W/kg

**RHS/Touch\_Pi/2 BPSK RB 1,107 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.16 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.456 W/kg

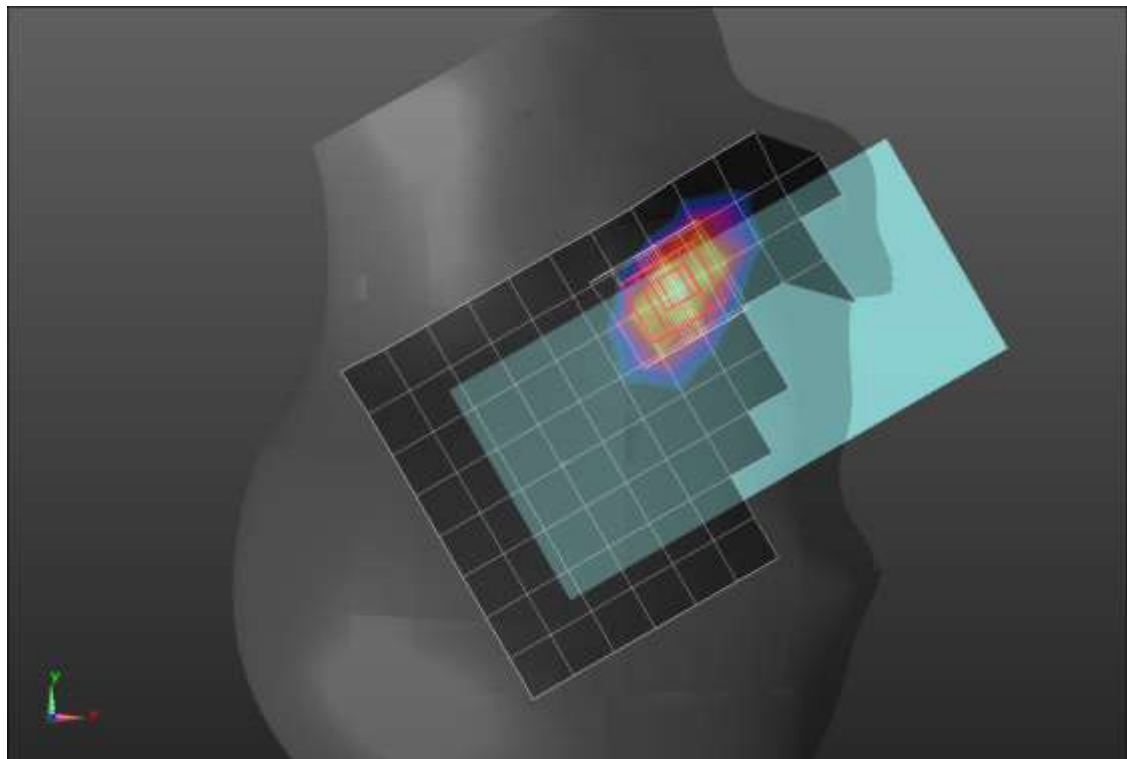
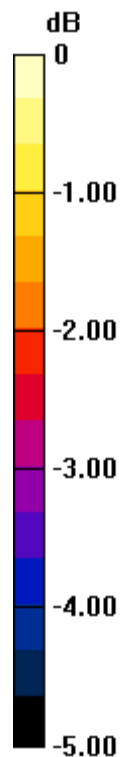
**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.179 W/kg**

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.1%

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

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

**n25 ANT 1**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 39.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 1,107 Ch 376500/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.971 W/kg

**Rear/Pi/2 BPSK RB 1,107 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.32 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.78 W/kg

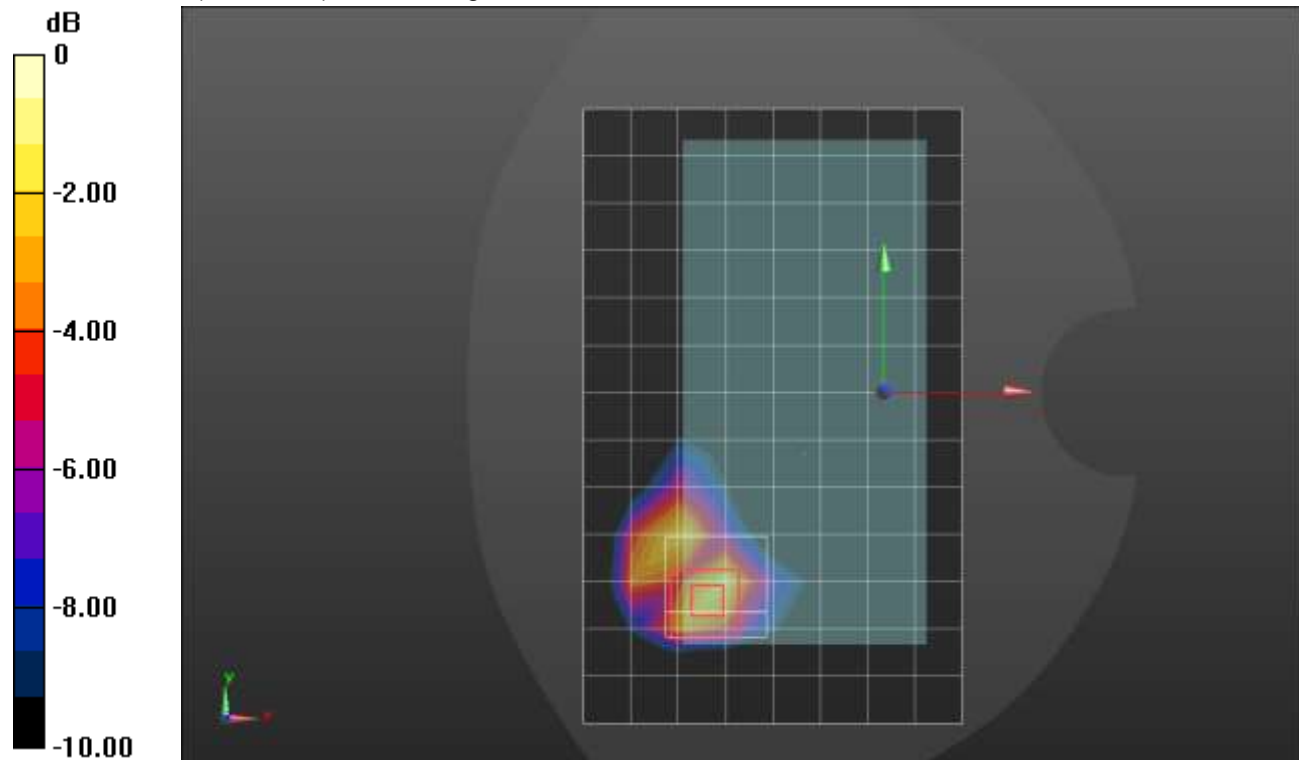
**SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.361 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

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

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

**n25 ANT 2**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.444$  S/m;  $\epsilon_r = 39.342$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_Pi/2 BPSK RB 108,54, Ch 376500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

**RHS/Touch\_Pi/2 BPSK RB 108,54, Ch 376500/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.79 V/m; Power Drift = -0.14 dB

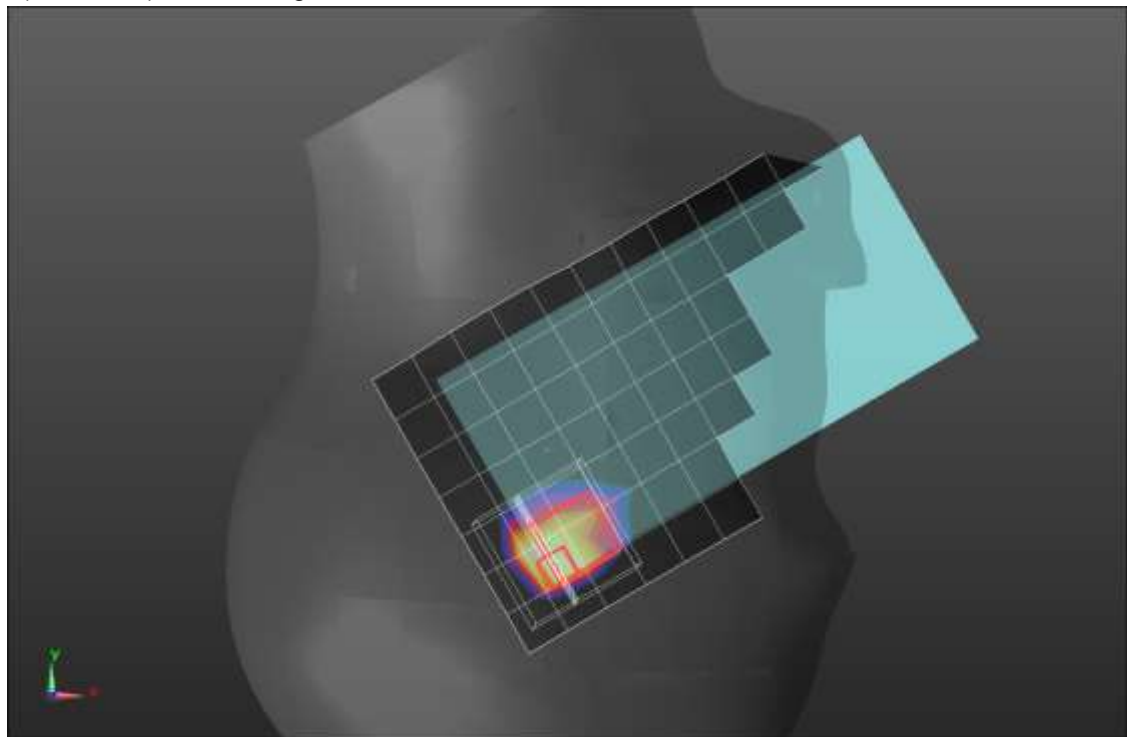
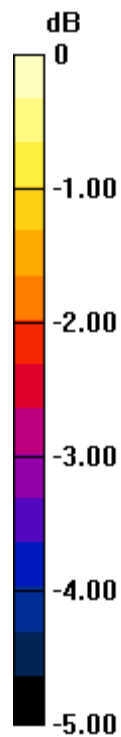
Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.469 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.5%

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

**n25 ANT 2**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 38.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 1,107 Ch 376500/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.00 W/kg

**Rear/Pi/2 BPSK RB 1,107 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.11 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.92 W/kg

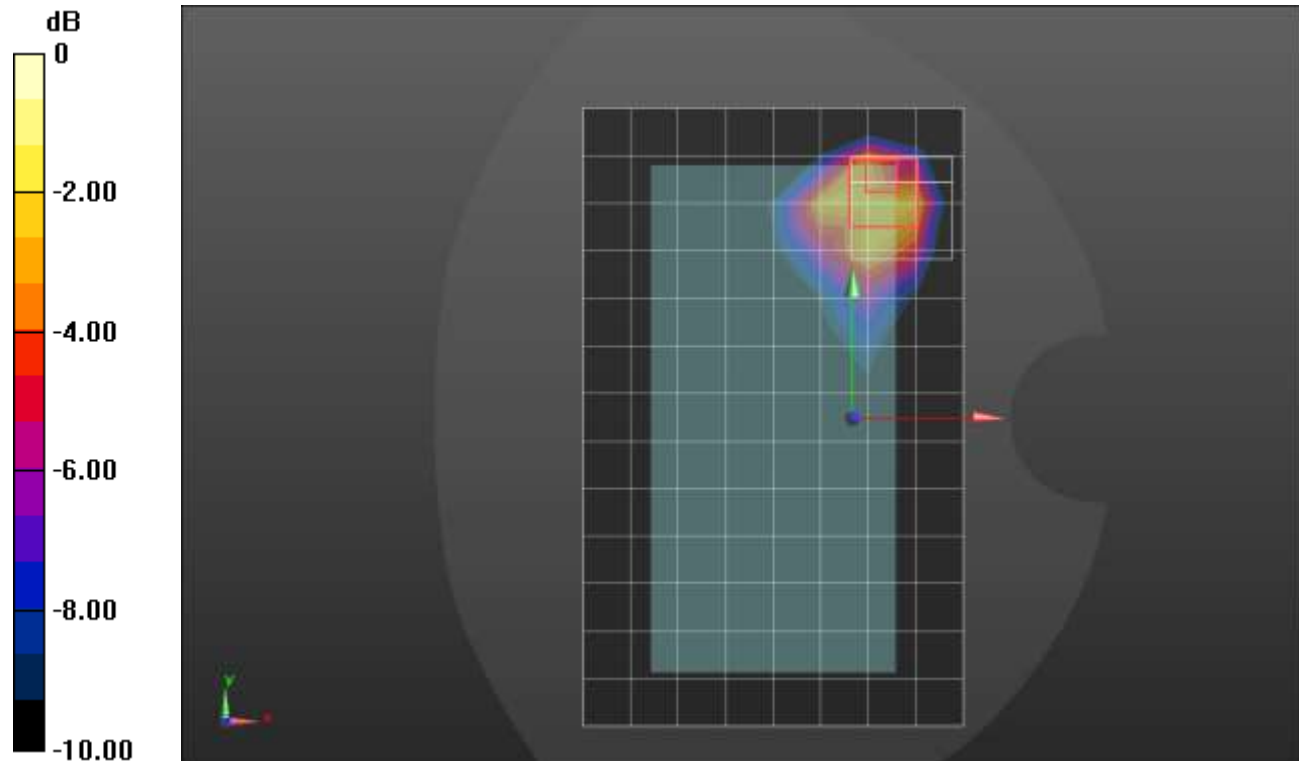
**SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.364 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 40.1%

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

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

**n25 ANT 3**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 38.875$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_Pi/2 BPSK RB 108,54 Ch 376500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.458 W/kg

**LHS/Touch\_Pi/2 BPSK RB 108,54 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.21 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.616 W/kg

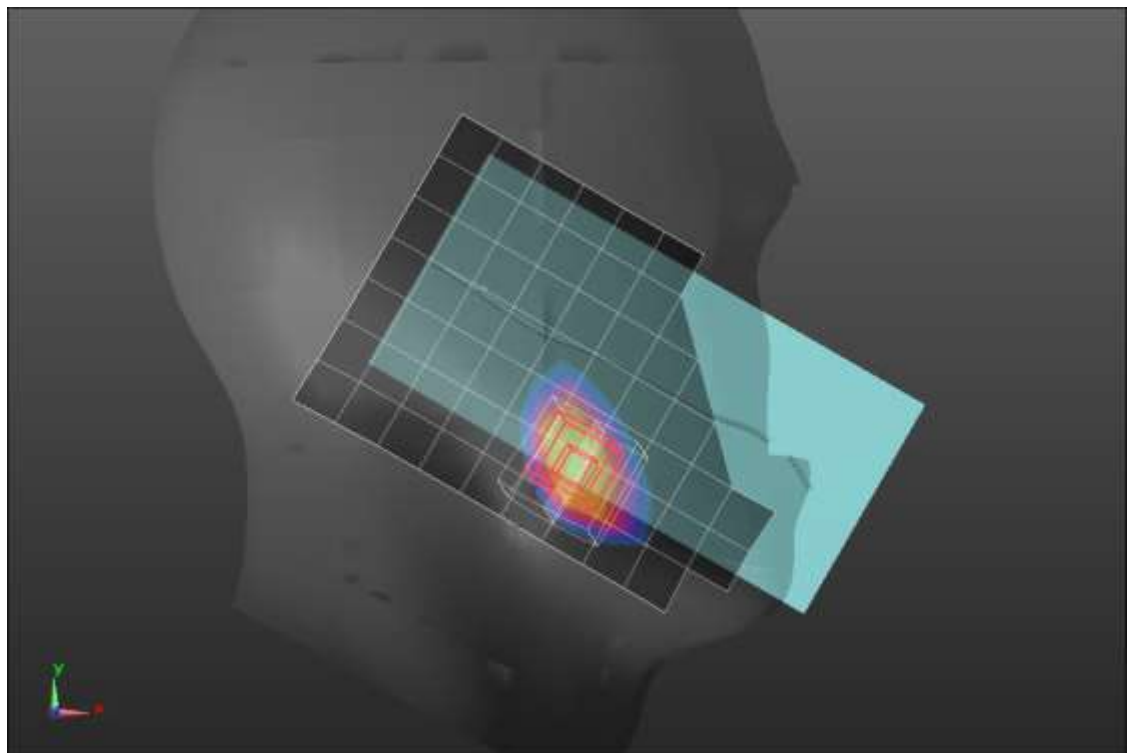
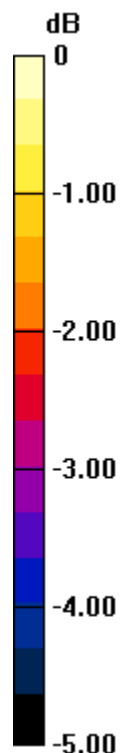
**SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.224 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

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

Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg = -2.82 dBW/kg



**n25 ANT 3**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.411$  S/m;  $\epsilon_r = 41.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 1,107 Ch 376500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.847 W/kg

**Rear/Pi/2 BPSK RB 1,107 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.64 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.24 W/kg

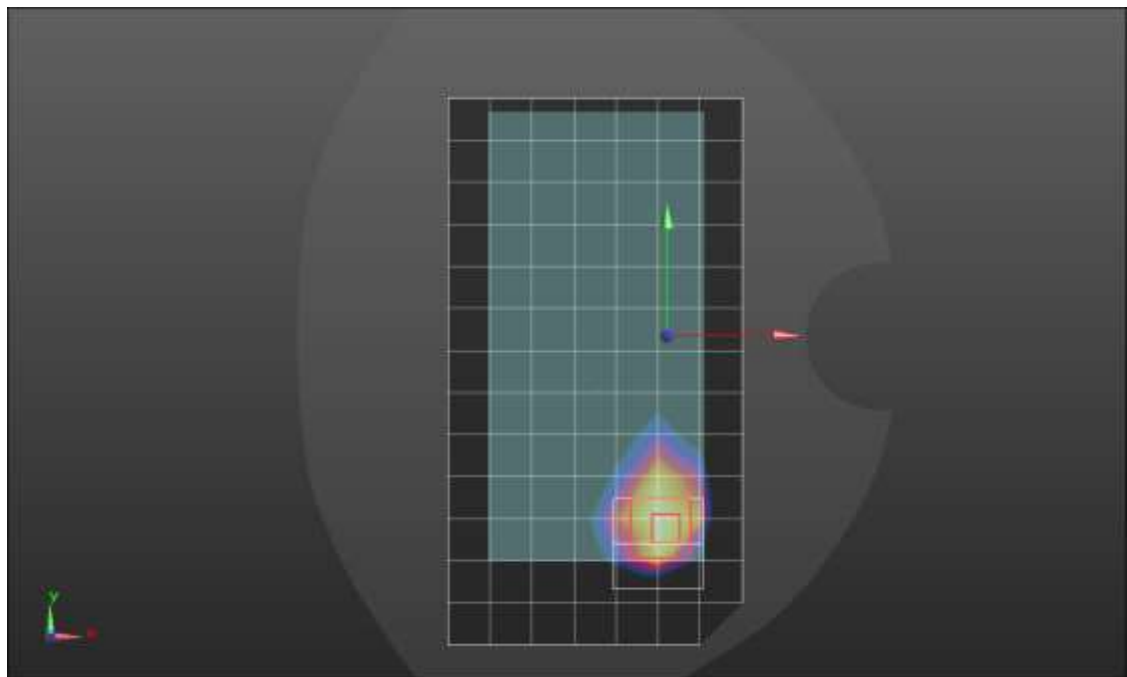
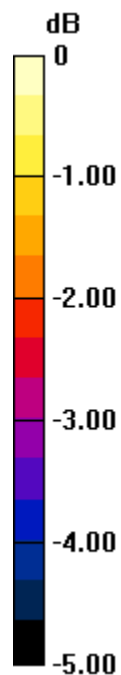
**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.313 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 43%

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

Maximum value of SAR (measured) = 0.883 W/kg



0 dB = 0.883 W/kg = -0.54 dBW/kg

**n25 ANT 3**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 38.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/Pi/2 BPSK RB 1,107 Ch 376500/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.08 W/kg

**Edge 4/Pi/2 BPSK RB 1,107 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.19 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.47 W/kg

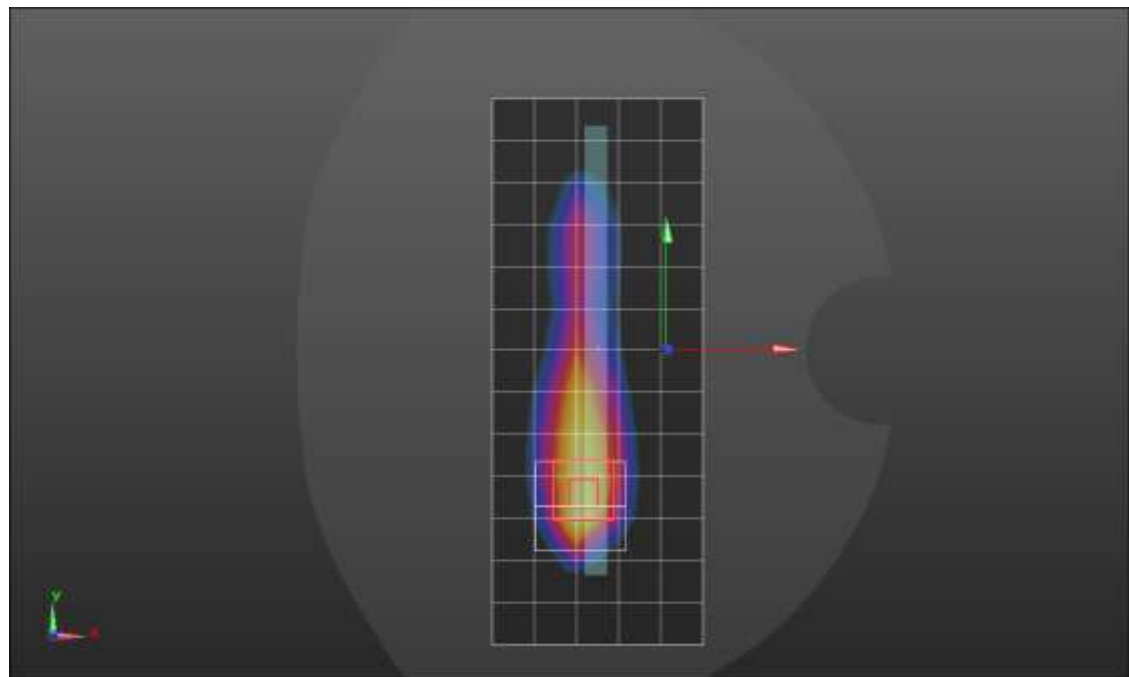
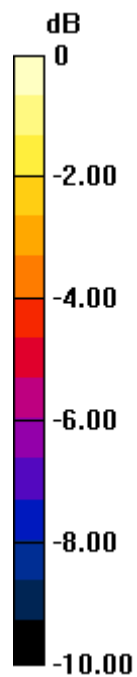
**SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.371 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

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

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



0 dB = 1.18 W/kg = 0.72 dBW/kg

**n25 ANT 4**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.444$  S/m;  $\epsilon_r = 39.342$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_Pi/2 BPSK RB 108,54, Ch 376500/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.03 W/kg

**LHS/Touch\_Pi/2 BPSK RB 108,54, Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.05 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.62 W/kg

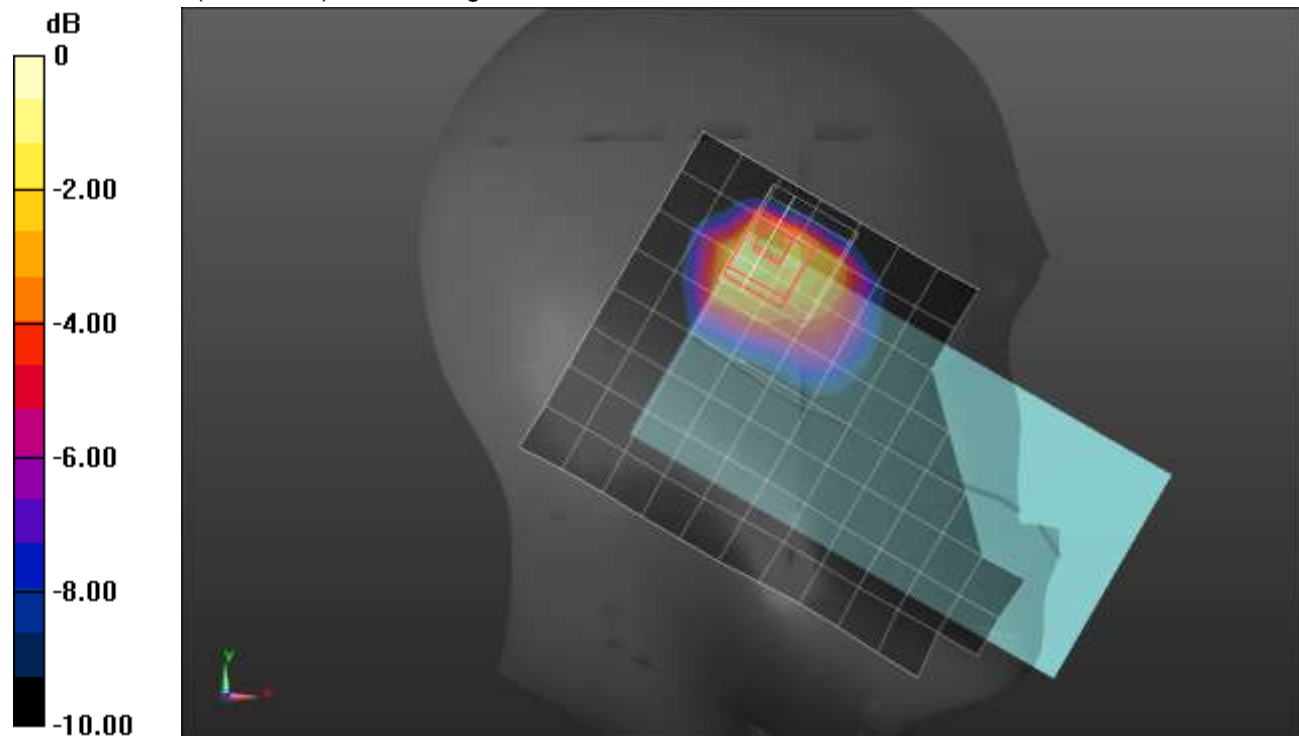
**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.416 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.2%

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

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

**n25 ANT 4**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 38.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 108,54 Ch 376500/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.887 W/kg

**Rear/Pi/2 BPSK RB 108,54 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.40 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.24 W/kg

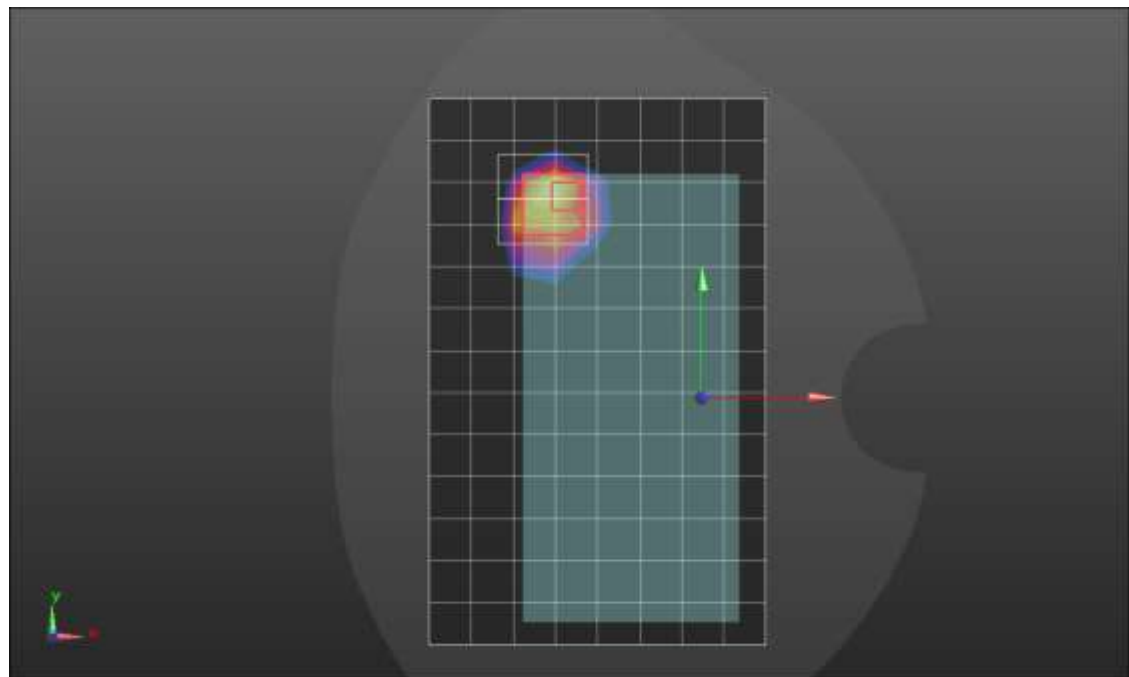
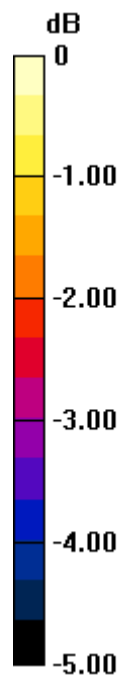
**SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.321 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

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

Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.948 W/kg = -0.23 dBW/kg

**n25 ANT 4**

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.444$  S/m;  $\epsilon_r = 39.342$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 2/Pi/2 BPSK RB 1,107 Ch 376500/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Edge 2/Pi/2 BPSK RB 1,107 Ch 376500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.54 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.69 W/kg

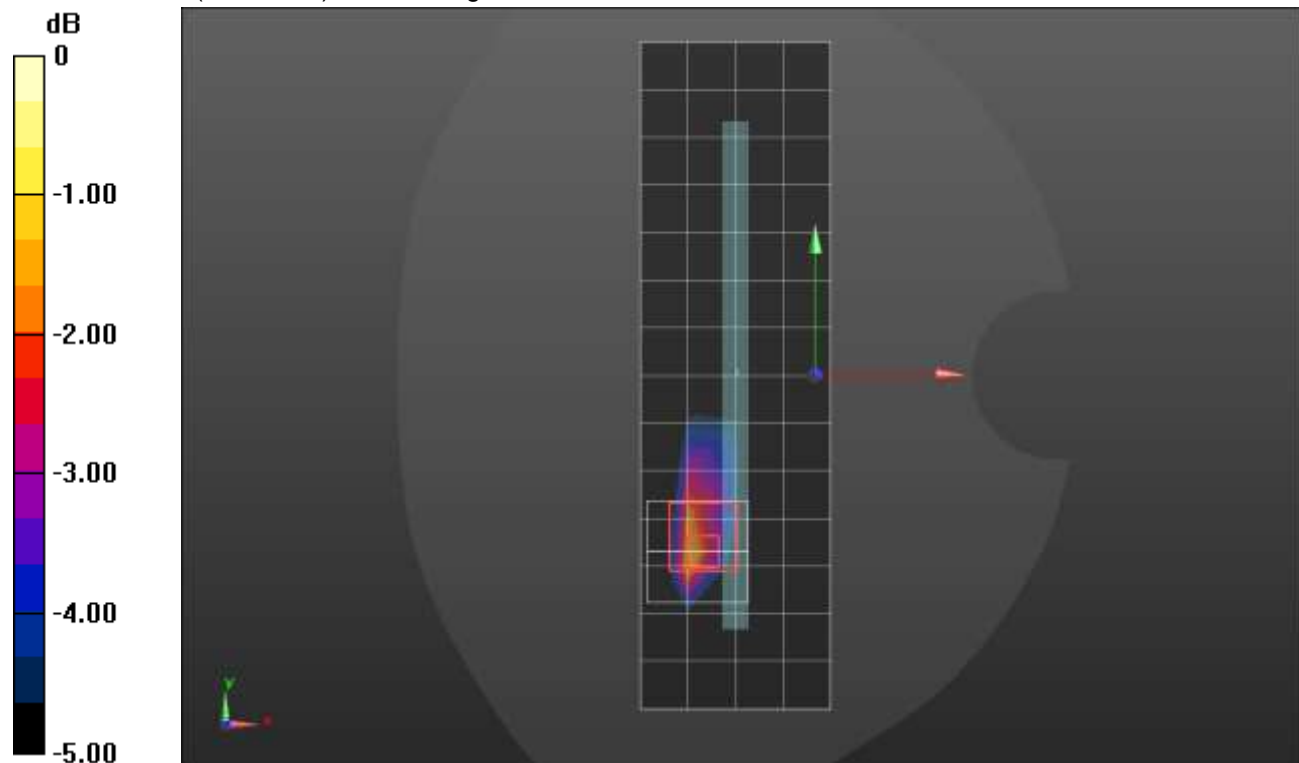
**SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.402 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

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

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

**n26 ANT 1**

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 39.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**LHS/Touch\_pi/2 BPSK RB 25,12 Ch 166300/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.199 W/kg

**LHS/Touch\_pi/2 BPSK RB 25,12 Ch 166300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

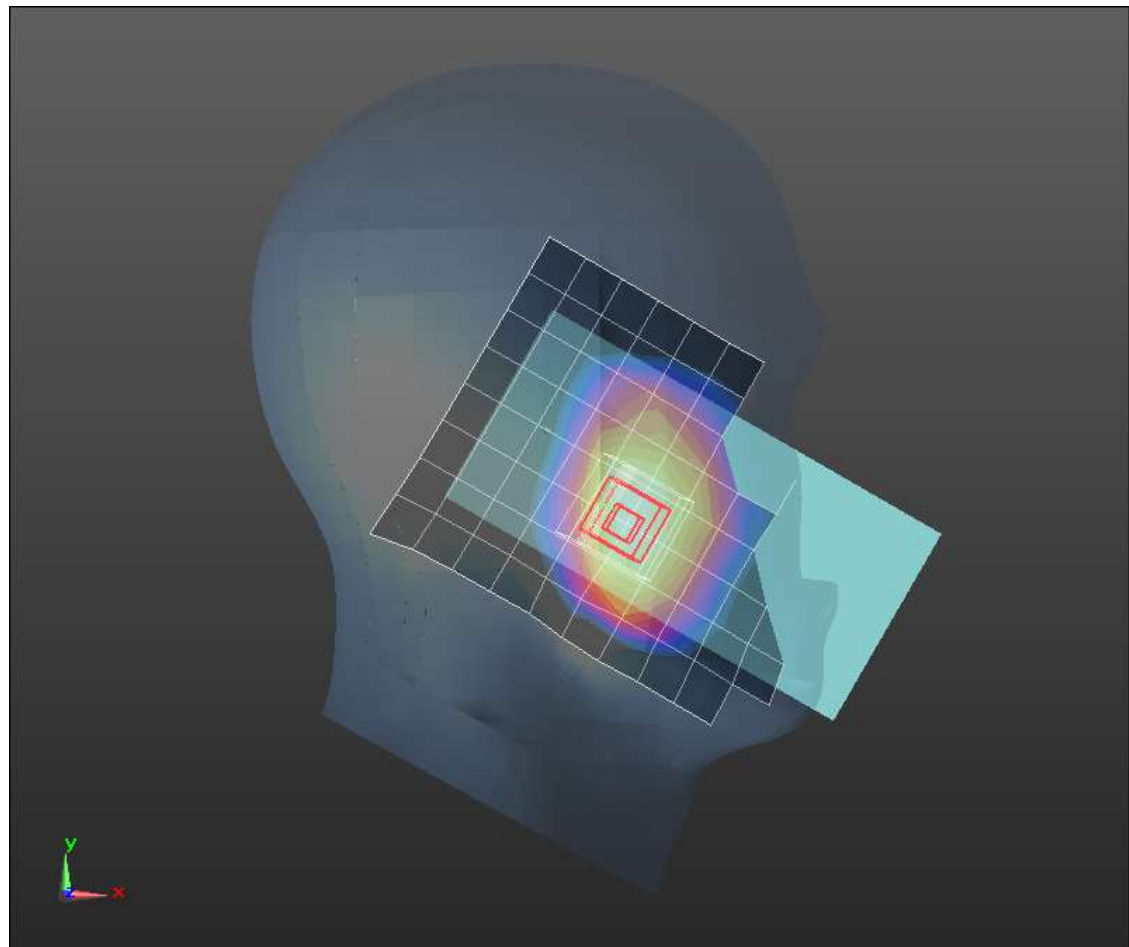
Reference Value = 14.26 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.121 W/kg**

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

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

**n26 ANT 1**

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 40.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 2048

**Rear/pi/BPSK RB 25,12 Ch 166300/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**Rear/pi/BPSK RB 25,12 Ch 166300/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

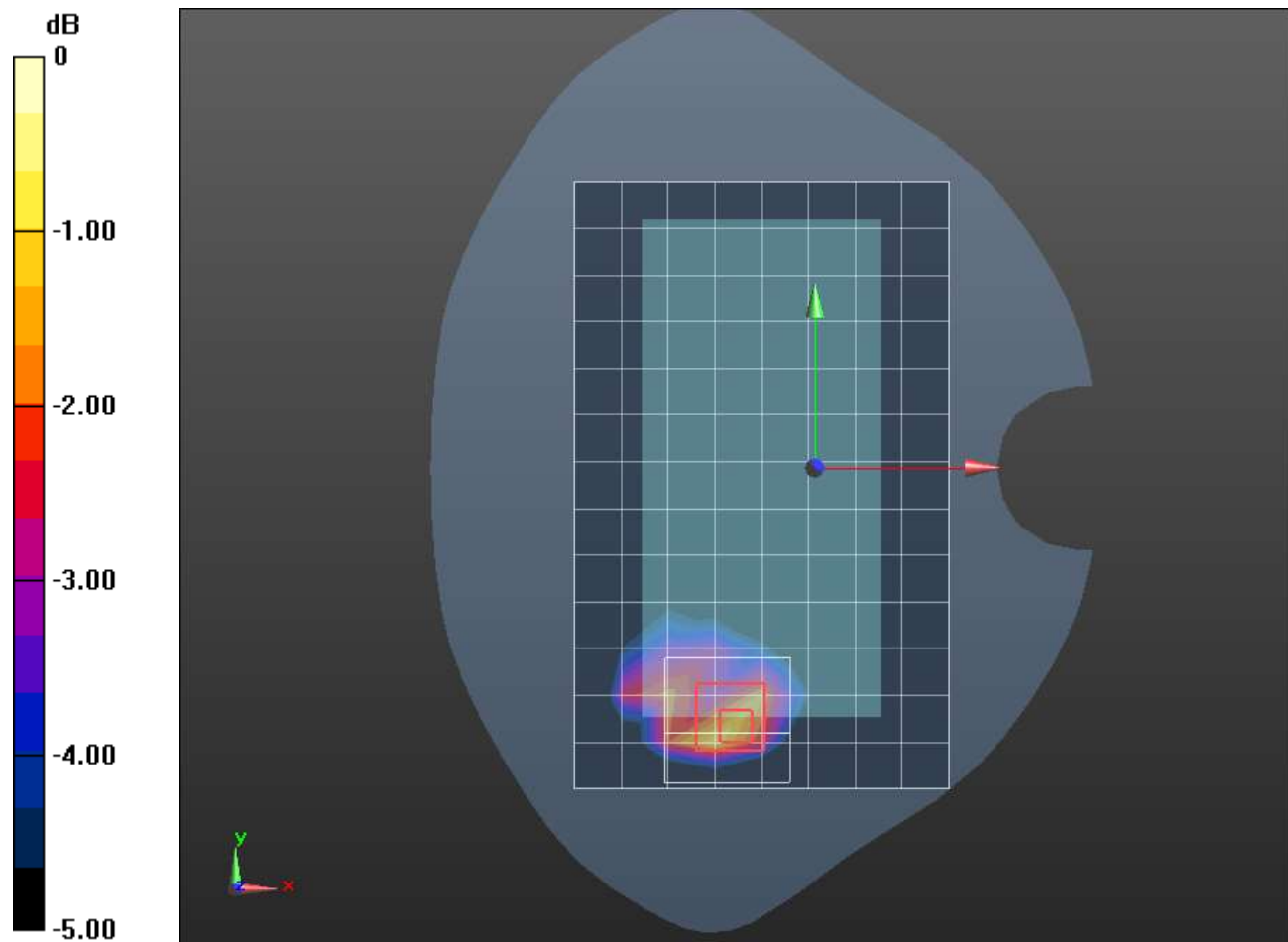
Reference Value = 36.73 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.412 W/kg**

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

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





**n26 ANT 2**

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 831.5 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**RHS/Touch\_pi/BPSK RB 1,25 Ch 166300/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.902 W/kg

**RHS/Touch\_pi/BPSK RB 1,25 Ch 166300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.31 W/kg

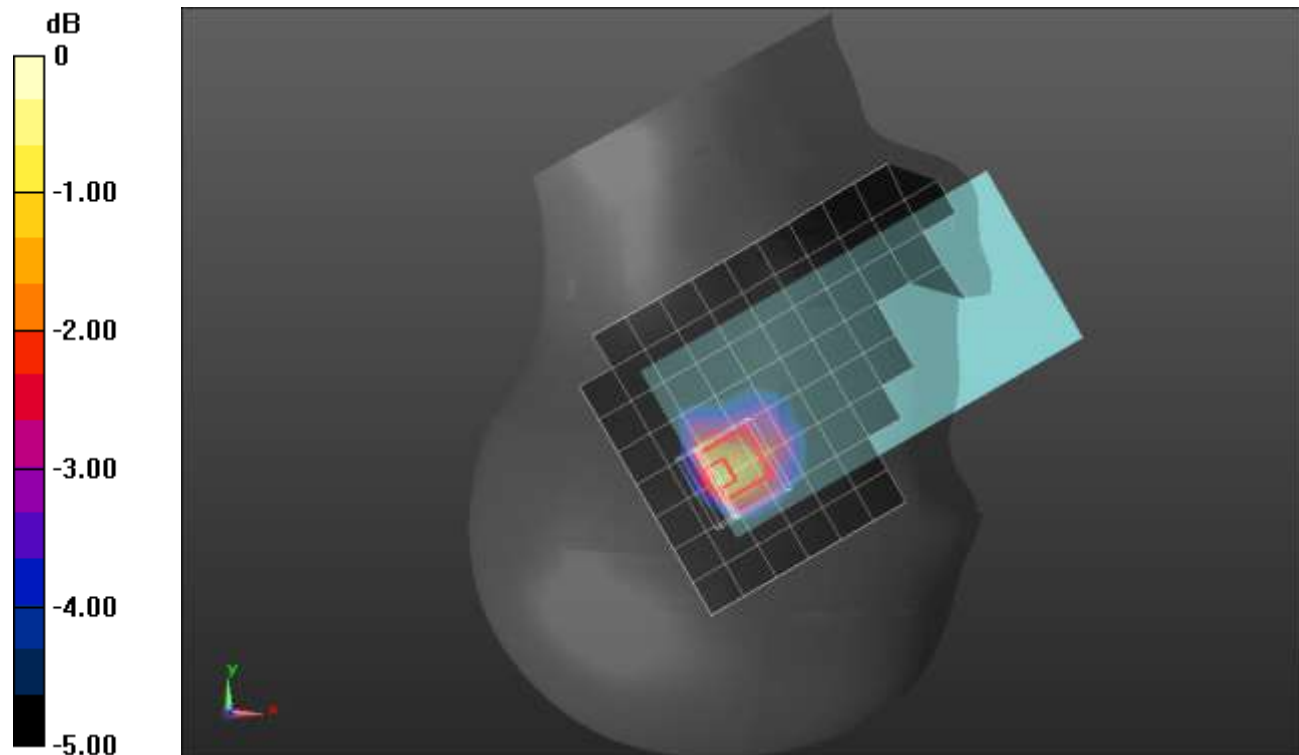
**SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.420 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

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

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

**n26 ANT 2**

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 40.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

**Rear/pi/BPSK RB 1,25 Ch 166300/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/pi/BPSK RB 1,25 Ch 166300/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

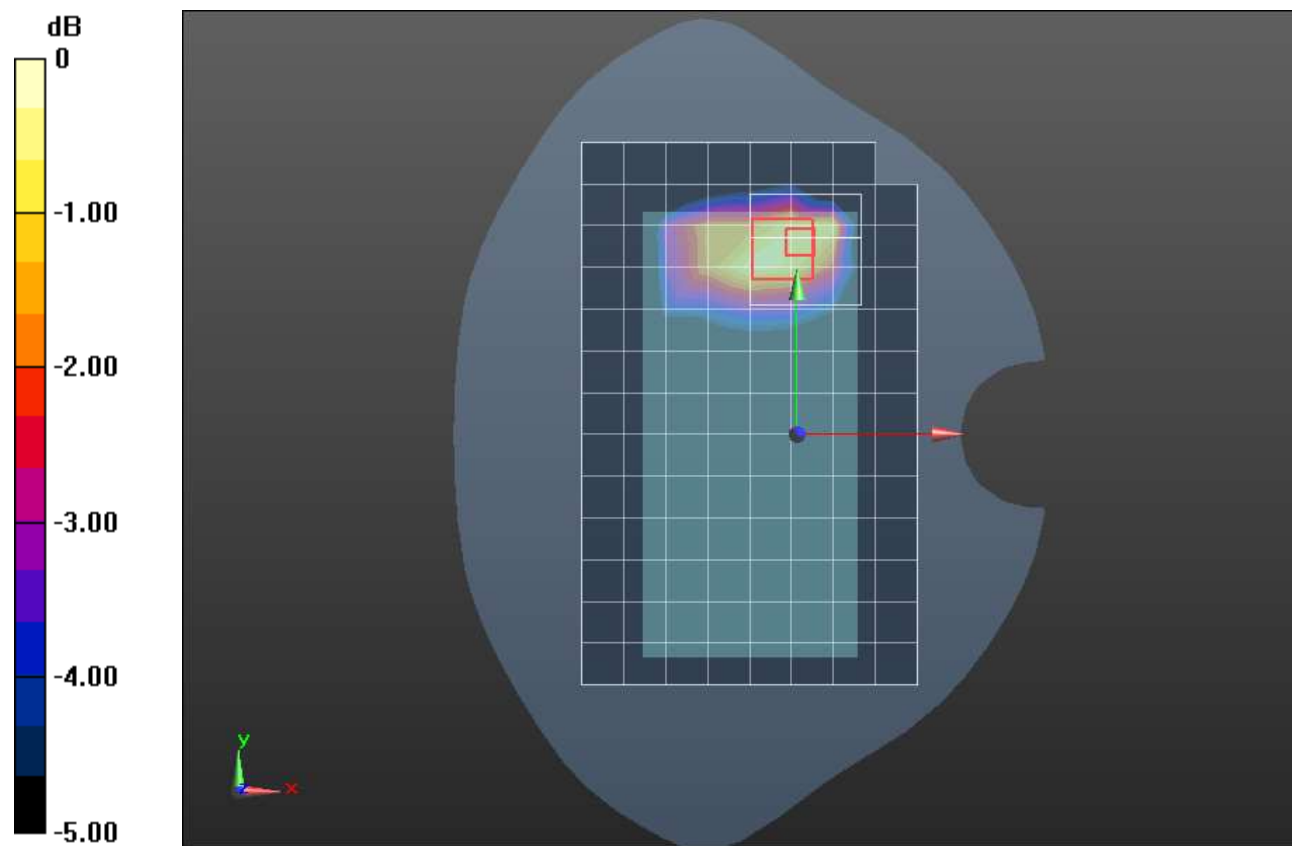
Reference Value = 34.21 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.486 W/kg**

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

Maximum value of SAR (measured) = 1.12 W/kg



**n30 ANT 1**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.654$  S/m;  $\epsilon_r = 40.33$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(7.86, 7.86, 7.86) @ 2310 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**LHS/Tilt\_Pi/2 BPSK RB 1,25 Ch 462000/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.276 W/kg

**LHS/Tilt\_Pi/2 BPSK RB 1,25 Ch 462000/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.93 V/m; Power Drift = 0.04 dB

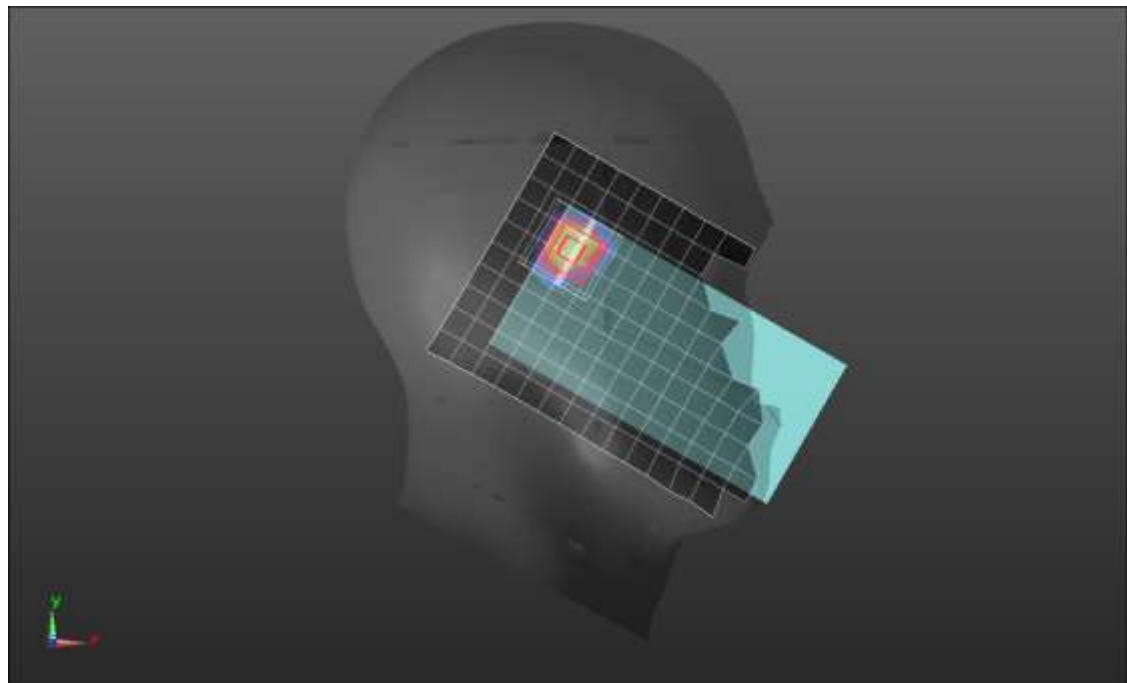
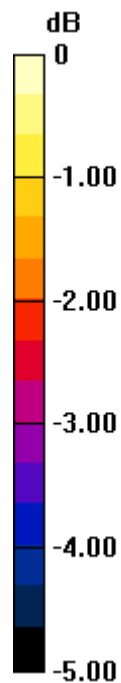
Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.121 W/kg**

Smallest distance from peaks to all points 3 dB below = 13.1 mm

Ratio of SAR at M2 to SAR at M1 = 62%

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

**n30 ANT 1**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.623$  S/m;  $\epsilon_r = 37.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/Pi/2 BPSK RB 1,25 Ch 462000/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.893 W/kg

**Rear/Pi/2 BPSK RB 1,25 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.36 V/m; Power Drift = -0.11 dB

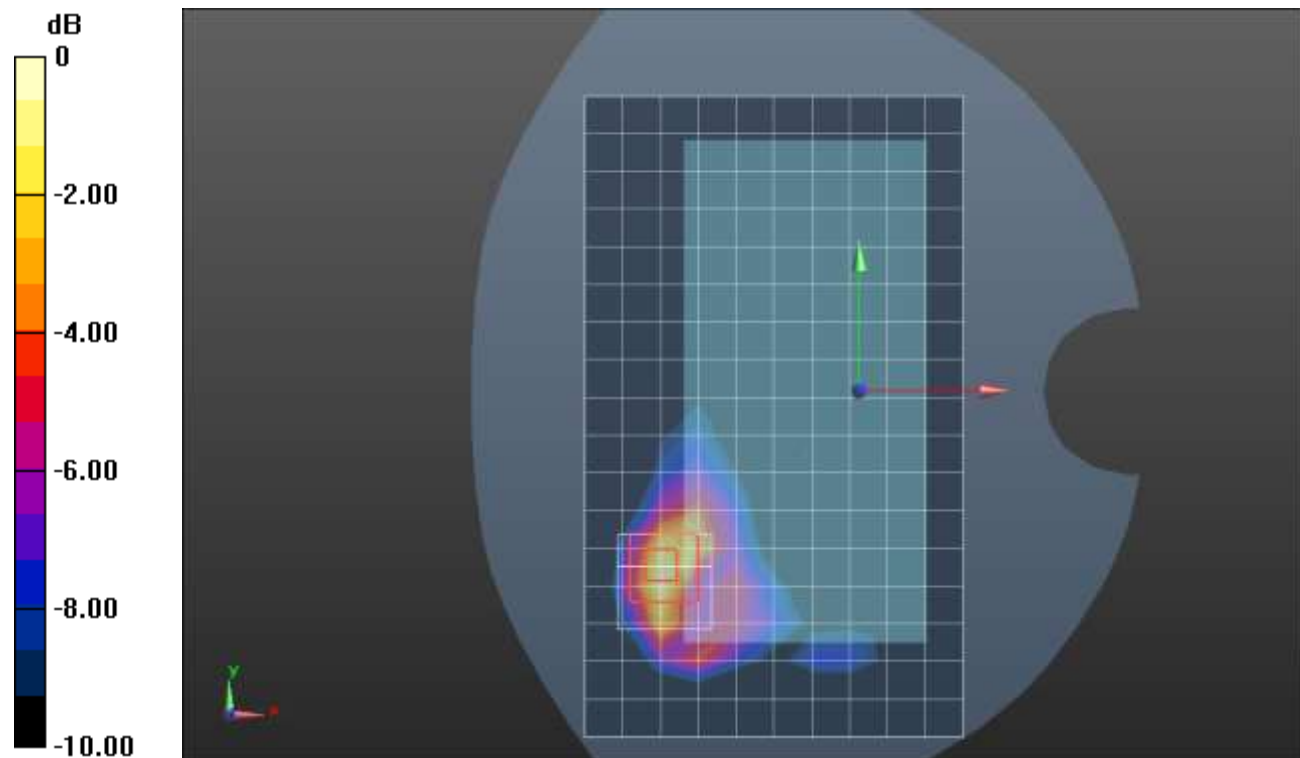
Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.222 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 40.9%

Maximum value of SAR (measured) = 0.964 W/kg



0 dB = 0.964 W/kg = -0.16 dBW/kg

**n30 ANT 1**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.744$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Edge 2/Pi/2 BPSK RB 25,12 Ch 462000/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.832 W/kg

**Edge 2/Pi/2 BPSK RB 25,12 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.86 V/m; Power Drift = -0.02 dB

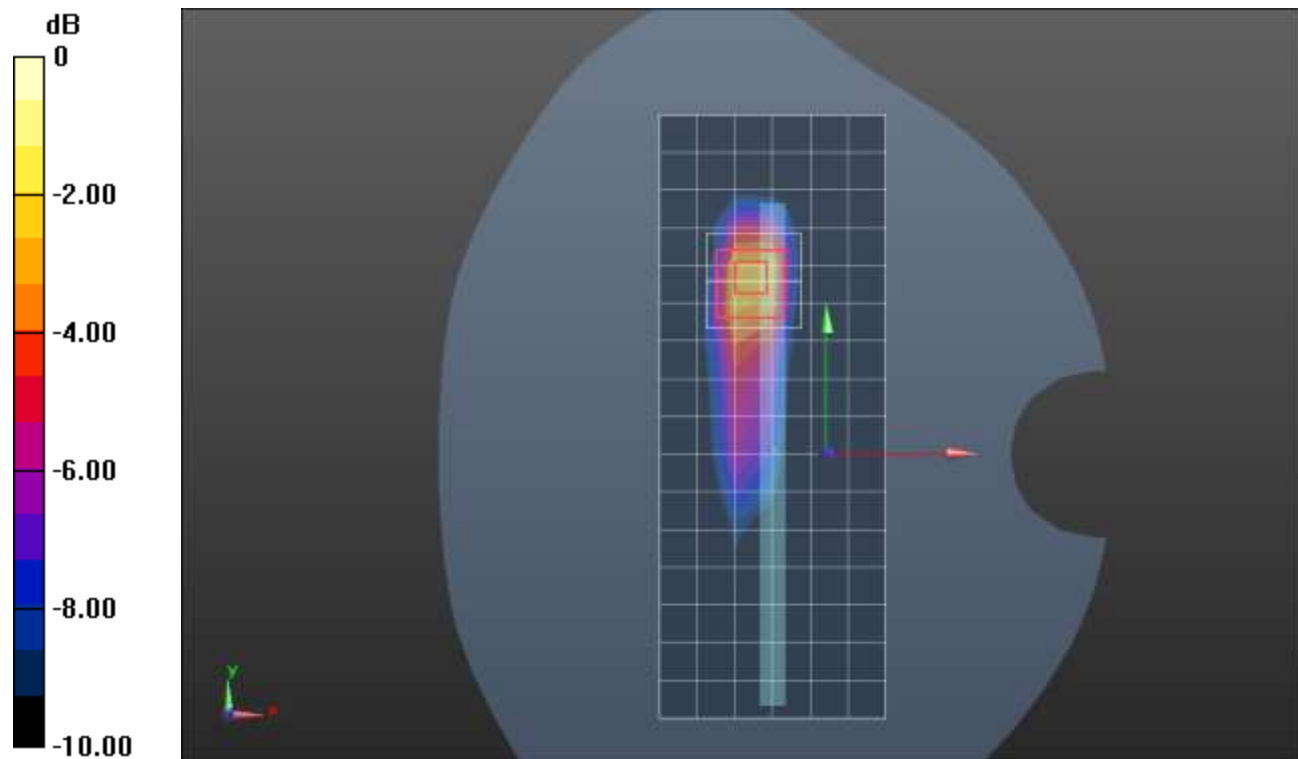
Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.332 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 1.37 W/kg



**n30 ANT 2**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.744$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**RHS/Touch\_Pi/2 BPSK RB 1,25 Ch 462000 3/Area Scan (10x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.34 W/kg

**RHS/Touch\_Pi/2 BPSK RB 1,25 Ch 462000 3/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.66 V/m; Power Drift = -0.07 dB

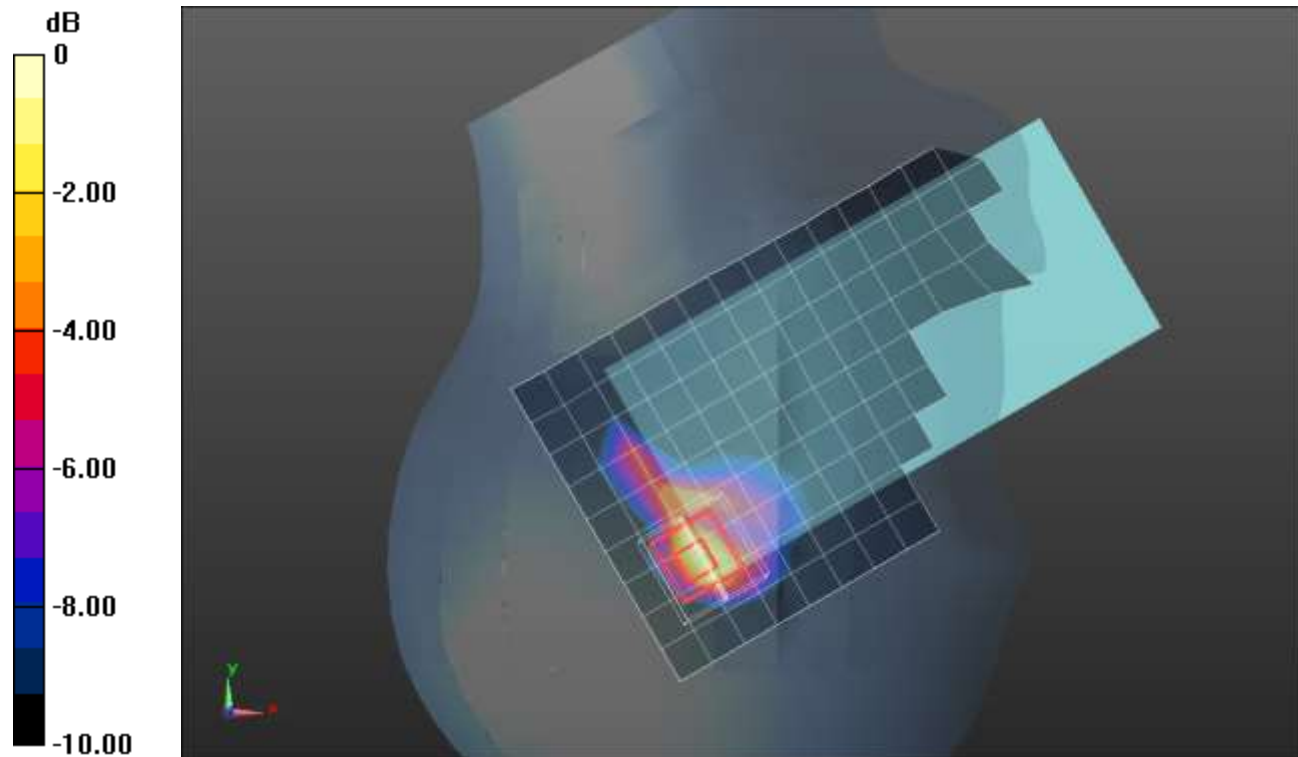
Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.301 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 36.3%

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



**n30 ANT 2**

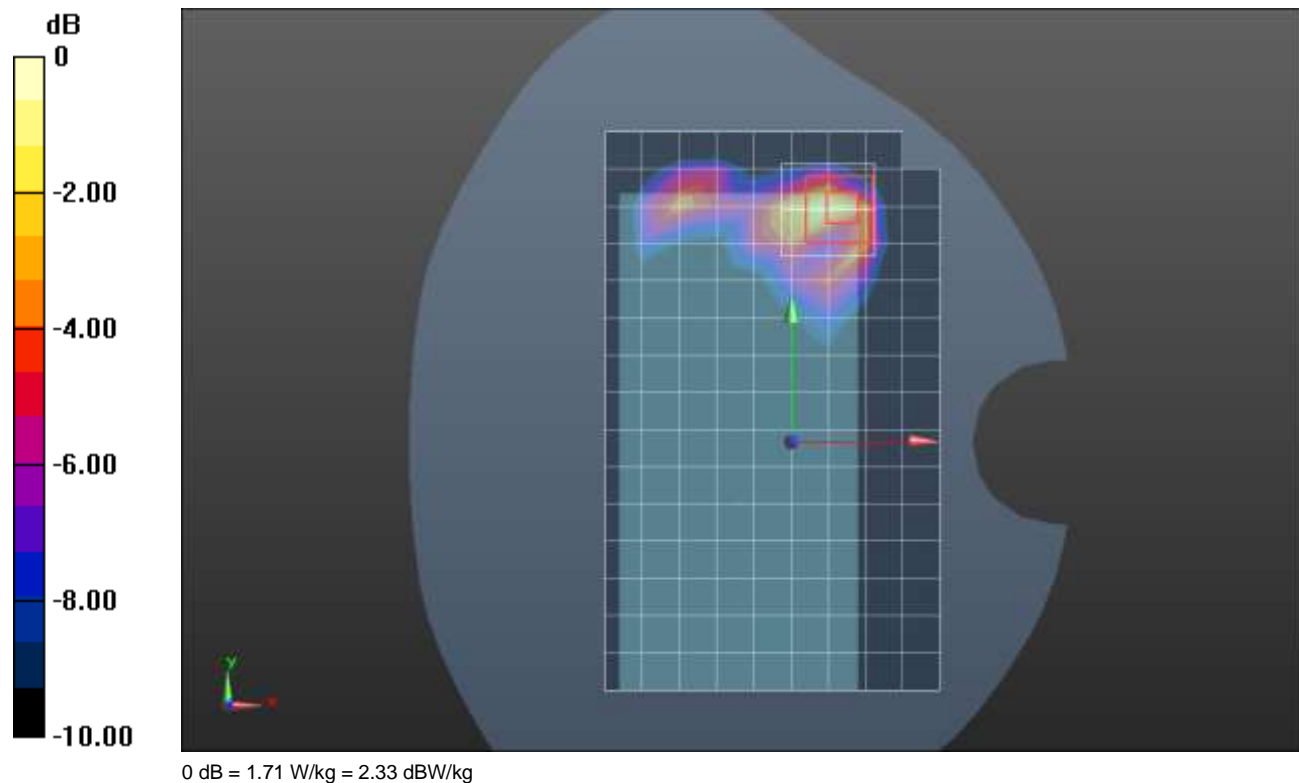
Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.656$  S/m;  $\epsilon_r = 38.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/Pi/2 BPSK RB 25,12 Ch 462000/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.56 W/kg

**Rear/Pi/2 BPSK RB 25,12 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 31.78 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 2.27 W/kg  
**SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.352 W/kg**  
Smallest distance from peaks to all points 3 dB below = 5 mm  
Ratio of SAR at M2 to SAR at M1 = 41.7%  
Maximum value of SAR (measured) = 1.71 W/kg





**n30 ANT 3**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.618$  S/m;  $\epsilon_r = 38.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(7.86, 7.86, 7.86) @ 2310 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**LHS/Touch\_Pi/2 BPSK RB 25,12 Ch 462000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.549 W/kg

**LHS/Touch\_Pi/2 BPSK RB 25,12 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.25 V/m; Power Drift = -0.14 dB

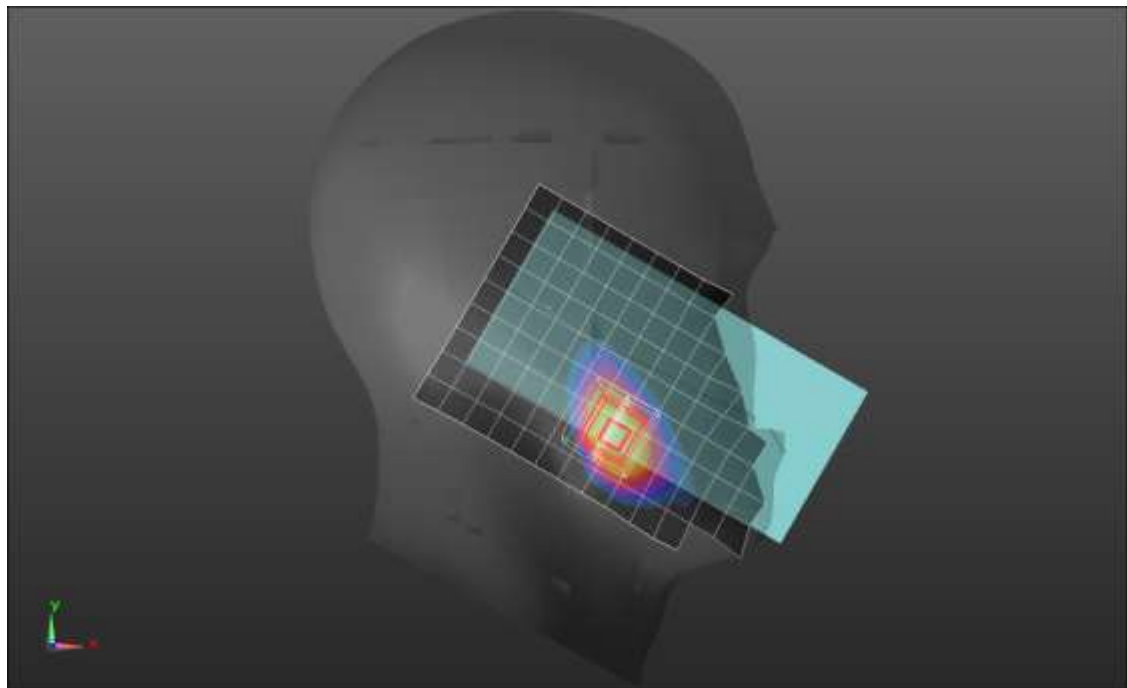
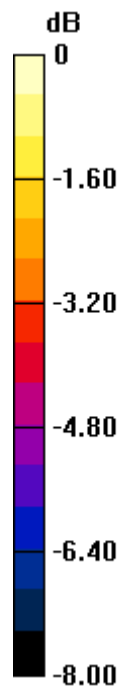
Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.240 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.2%

Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg = -2.18 dBW/kg

**n30 ANT 3**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.744$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Rear/Pi/2 BPSK RB 1,25 Ch 462000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.13 W/kg

**Rear/Pi/2 BPSK RB 1,25 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.26 V/m; Power Drift = -0.08 dB

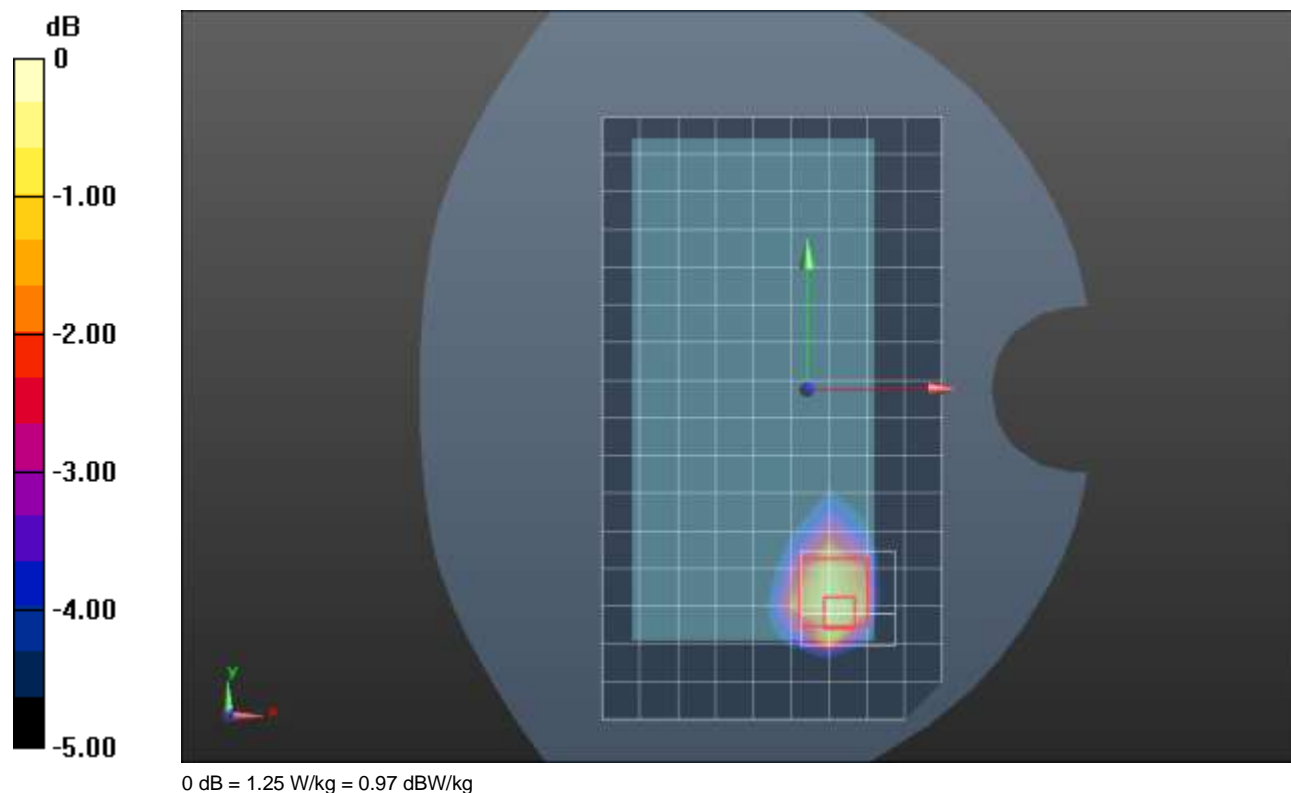
Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.415 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 1.25 W/kg



**n30 ANT 3**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.656$  S/m;  $\epsilon_r = 38.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Edge 4/Pi/2 BPSK RB 1,25 Ch 462000/Area Scan (7x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.30 W/kg

**Edge 4/Pi/2 BPSK RB 1,25 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.86 V/m; Power Drift = 0.06 dB

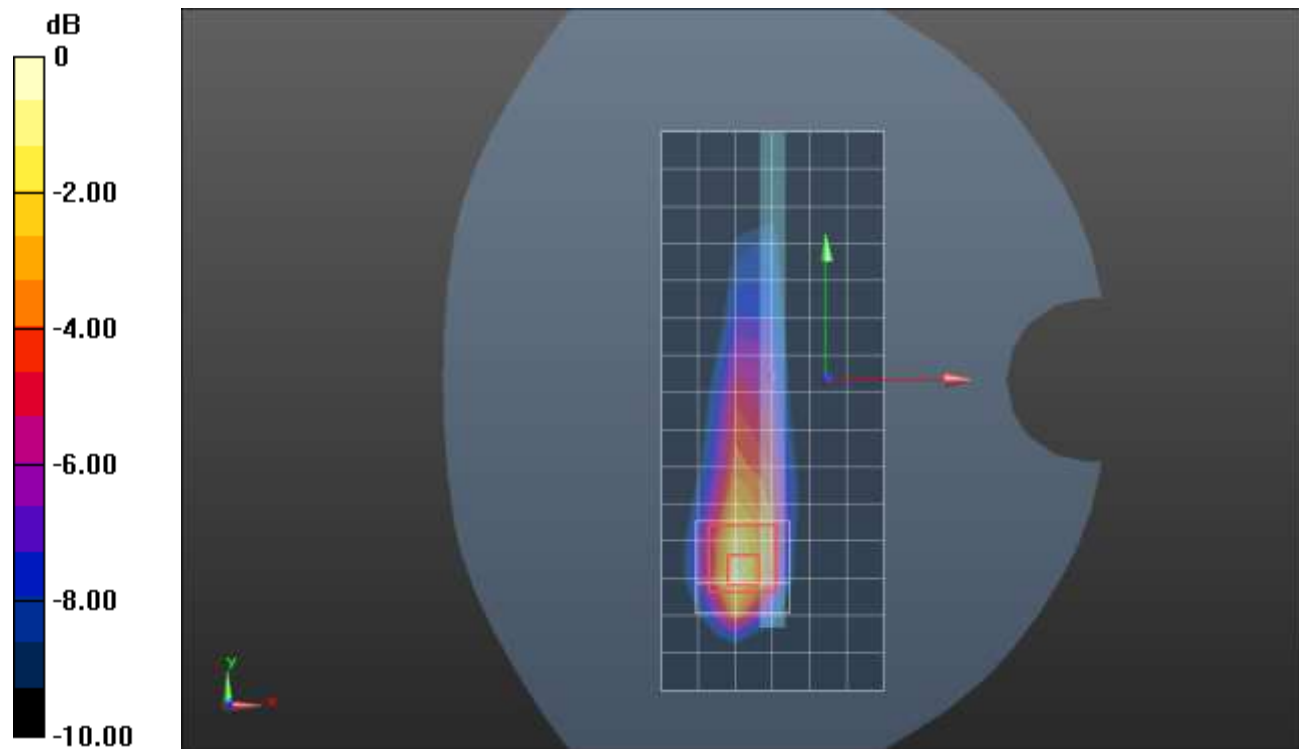
Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.373 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

**n30 ANT 4**

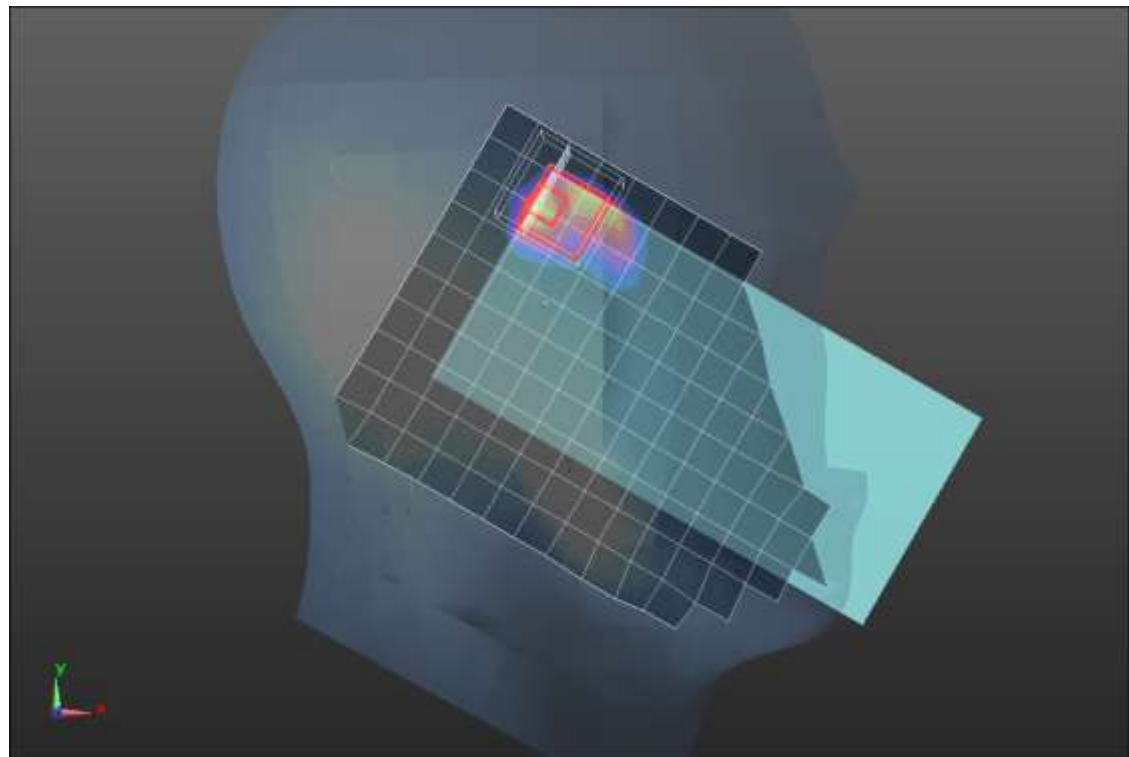
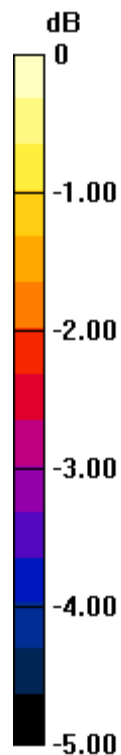
Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.623$  S/m;  $\epsilon_r = 37.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**LHS/ Touch\_Pi/2 BPSK RB 1,25 Ch 462000/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.05 W/kg

**LHS/ Touch\_Pi/2 BPSK RB 1,25 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 25.50 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.58 W/kg  
**SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.359 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.9 mm  
Ratio of SAR at M2 to SAR at M1 = 45.9%  
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

**n30 ANT 4**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.654$  S/m;  $\epsilon_r = 40.33$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(7.86, 7.86, 7.86) @ 2310 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Rear/Pi/2 BPSK RB 1,25 Ch 462000/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.08 W/kg

**Rear/Pi/2 BPSK RB 1,25 Ch 462000/Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.90 V/m; Power Drift = 0.13 dB

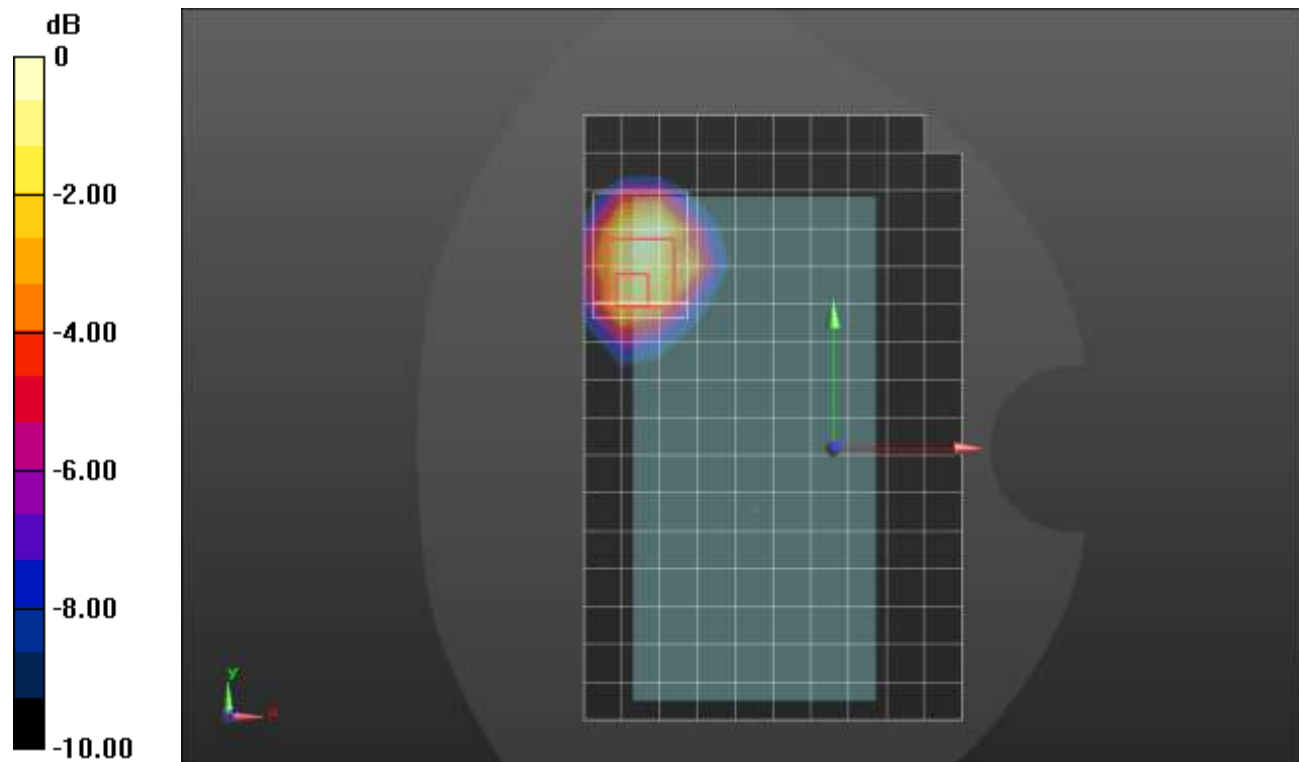
Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.391 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

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



**n30 ANT 4**

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.75$  S/m;  $\epsilon_r = 37.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

**Edge 2/Pi/2 BPSK RB 25,12 Ch 462000/Area Scan (7x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.08 W/kg

**Edge 2/Pi/2 BPSK RB 25,12 Ch 462000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.72 V/m; Power Drift = -0.05 dB

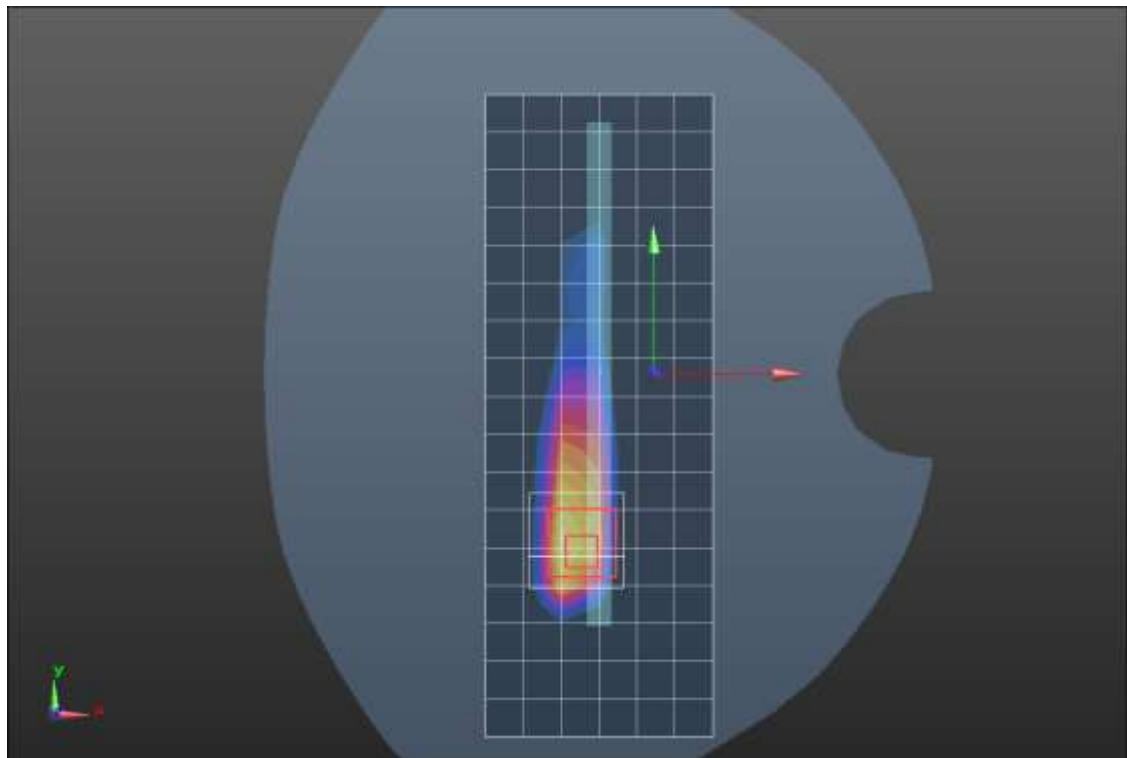
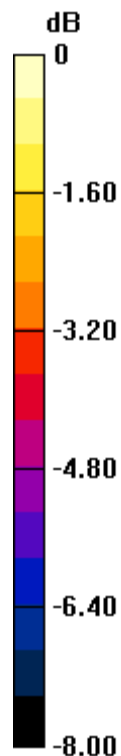
Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.340 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 46.2%

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



0 dB = 1.24 W/kg = 0.93 dBW/kg

**n41 ANT 1**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.921$  S/m;  $\epsilon_r = 37.642$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2593 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_pi/2 BPSK RB 135,67 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.471 W/kg

**RHS/Touch\_pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.20 V/m; Power Drift = -0.04 dB

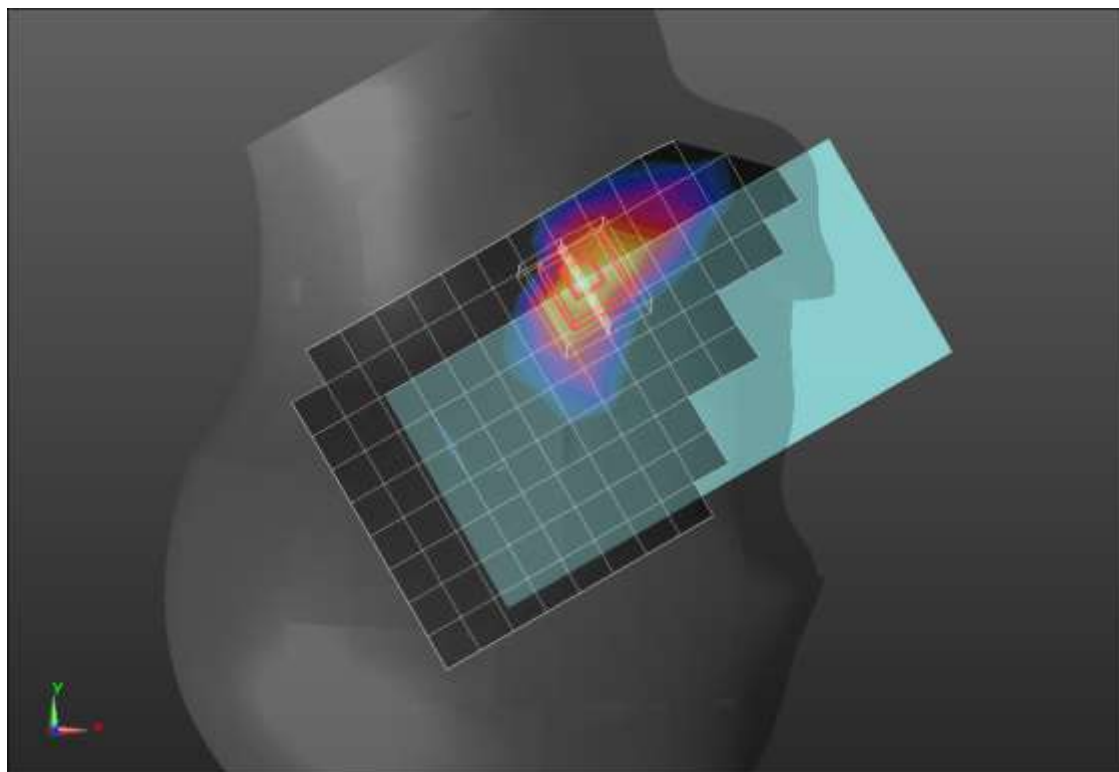
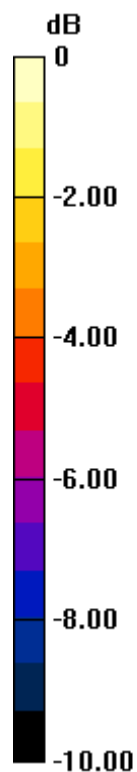
Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.155 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg



**n41 ANT 1**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.921$  S/m;  $\epsilon_r = 37.642$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2593 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/pi/2 BPSK RB 1,136 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.615 W/kg

**Rear/pi/2 BPSK RB 1,136 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.32 V/m; Power Drift = 0.08 dB

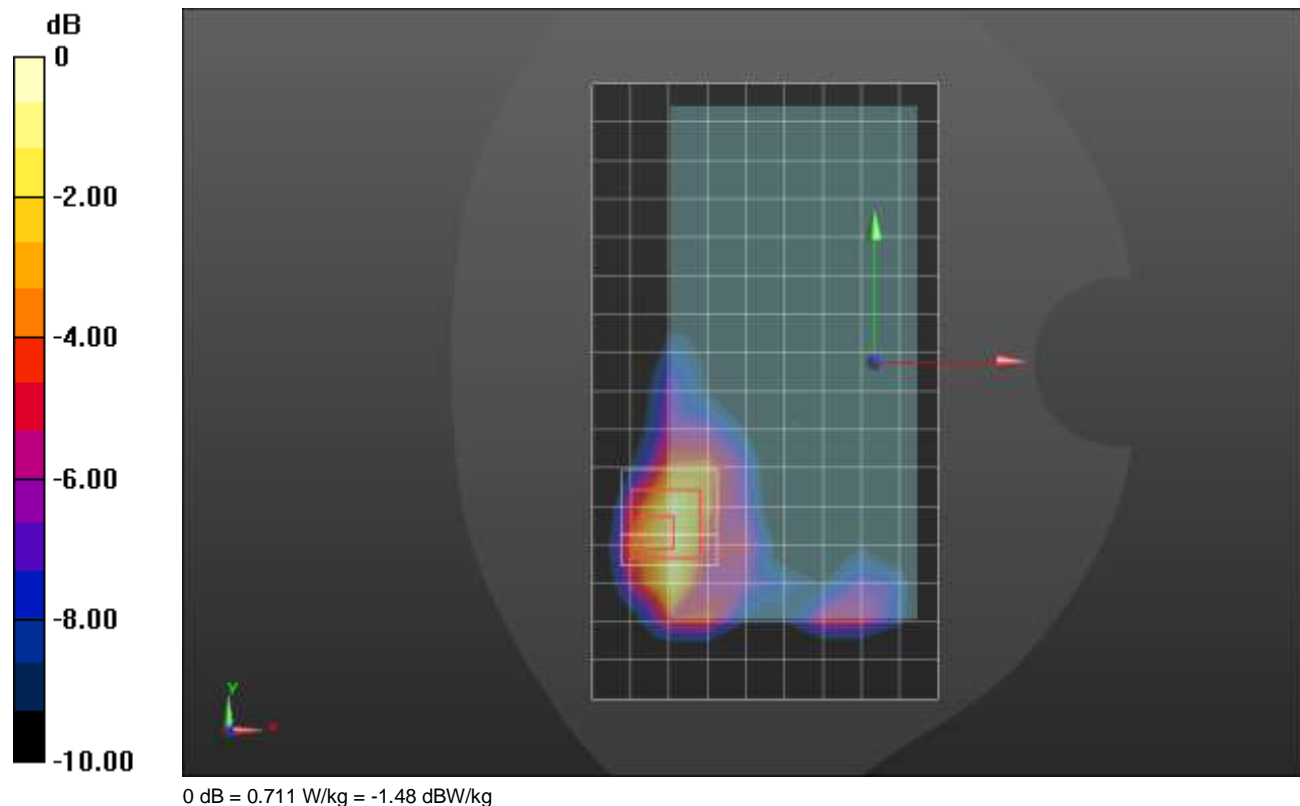
Peak SAR (extrapolated) = 0.995 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.173 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 41.4%

Maximum value of SAR (measured) = 0.711 W/kg



**n41 ANT 1**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.921$  S/m;  $\epsilon_r = 37.642$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EX3DV4 - SN7569; ConvF(7.45, 7.45, 7.45) @ 2593 MHz; Calibrated: 4/26/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/pi/2 BPSK RB 135,67 Ch 518598/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.31 W/kg

**Edge 2/pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.83 V/m; Power Drift = 0.03 dB

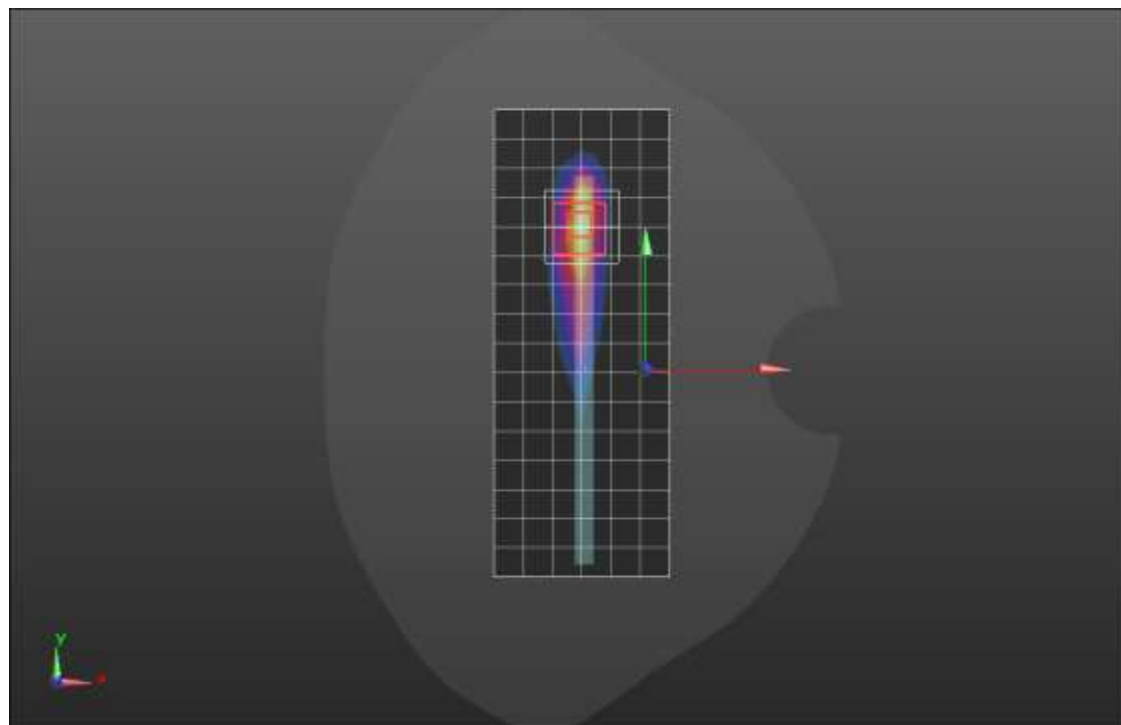
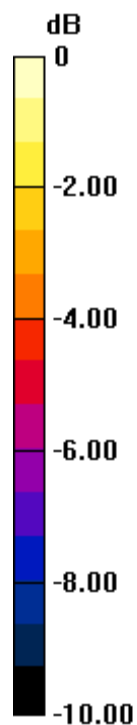
Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.280 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 42.4%

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



0 dB = 1.33 W/kg = 1.24 dBW/kg

**n41 ANT 2**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.924$  S/m;  $\epsilon_r = 38.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.98, 6.98, 6.98) @ 2593 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_pi/2 BPSK RB 1,136 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**RHS/Touch\_pi/2 BPSK RB 1,136 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.12 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.15 W/kg

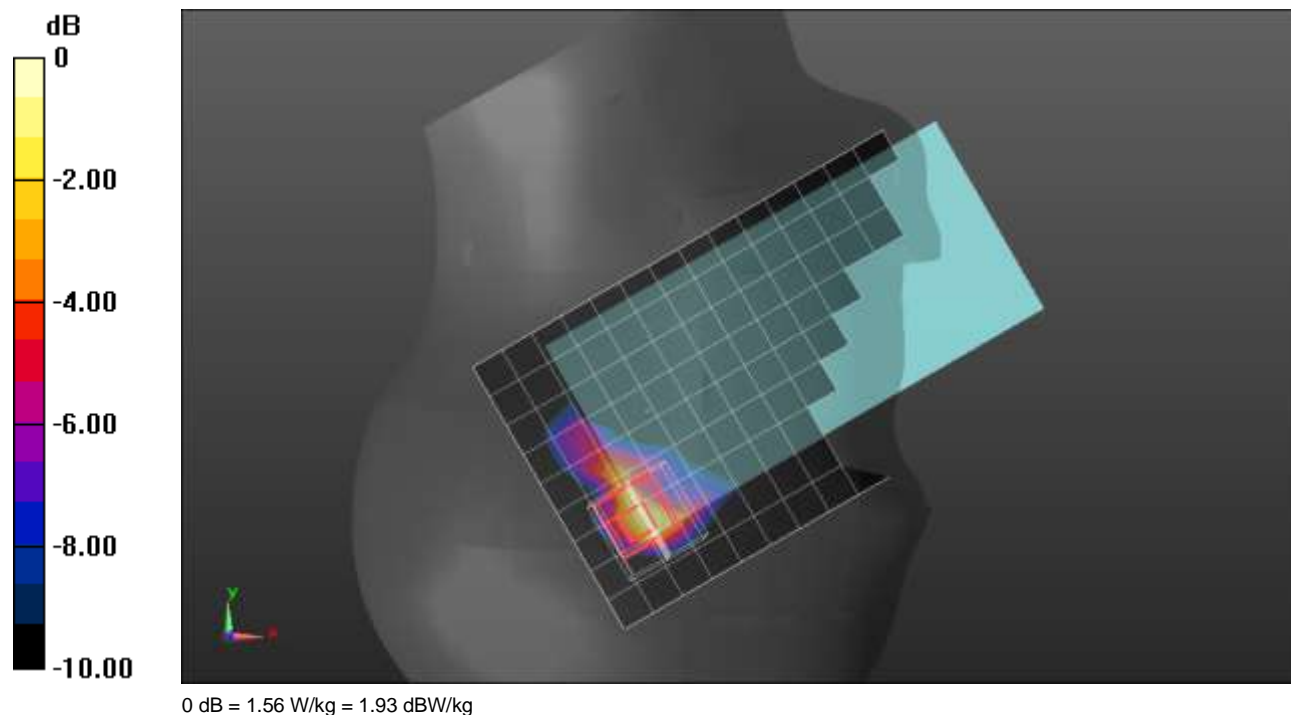
**SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.299 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 35.3%

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

Maximum value of SAR (measured) = 1.56 W/kg



**n41 ANT 2**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.895$  S/m;  $\epsilon_r = 37.298$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(7.53, 7.53, 7.53) @ 2593 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/pi/2 BPSK RB 135,67 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.16 W/kg

**Rear/pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.96 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.05 W/kg

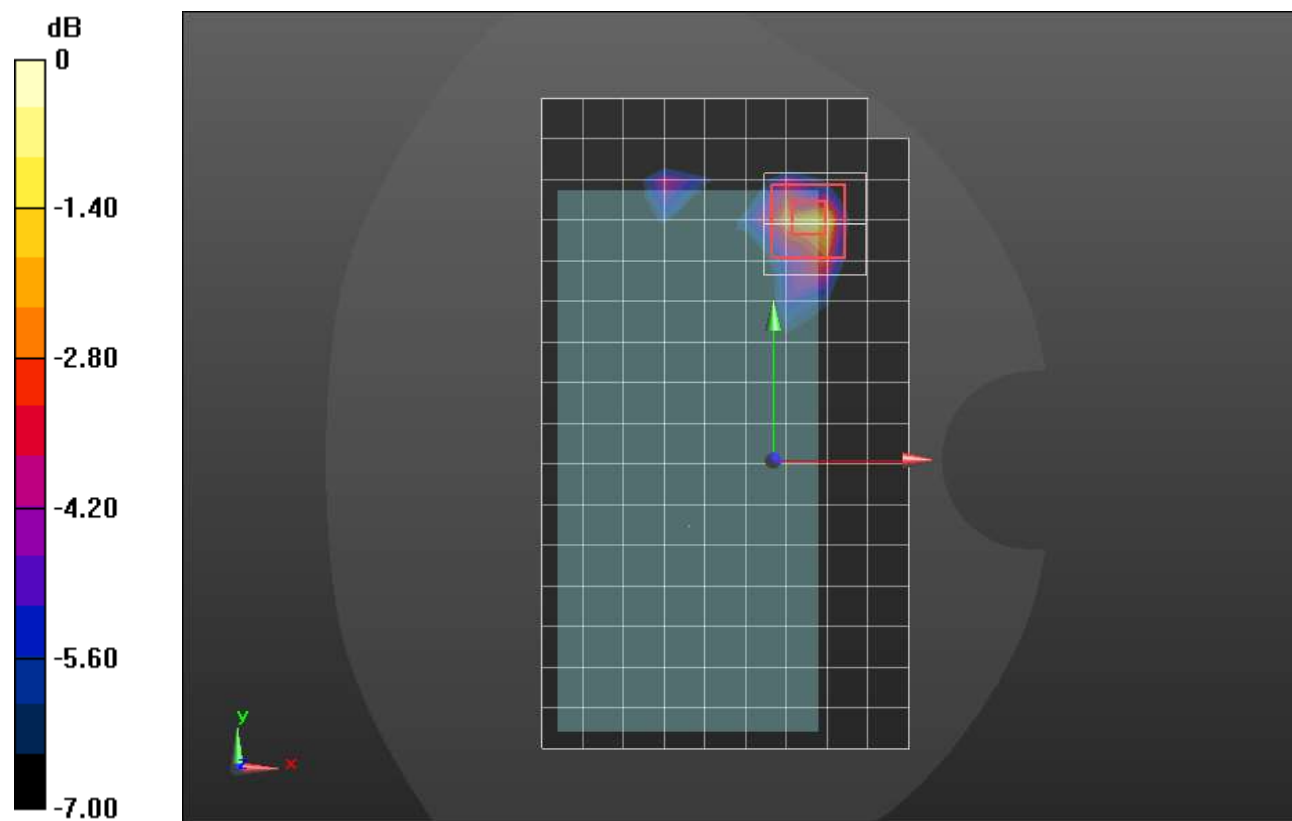
**SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.300 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

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

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



**n41 ANT 3**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.913$  S/m;  $\epsilon_r = 37.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2593 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_pi/2 BPSK RB 135,67 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.534 W/kg

**LHS/Touch\_pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.66 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.704 W/kg

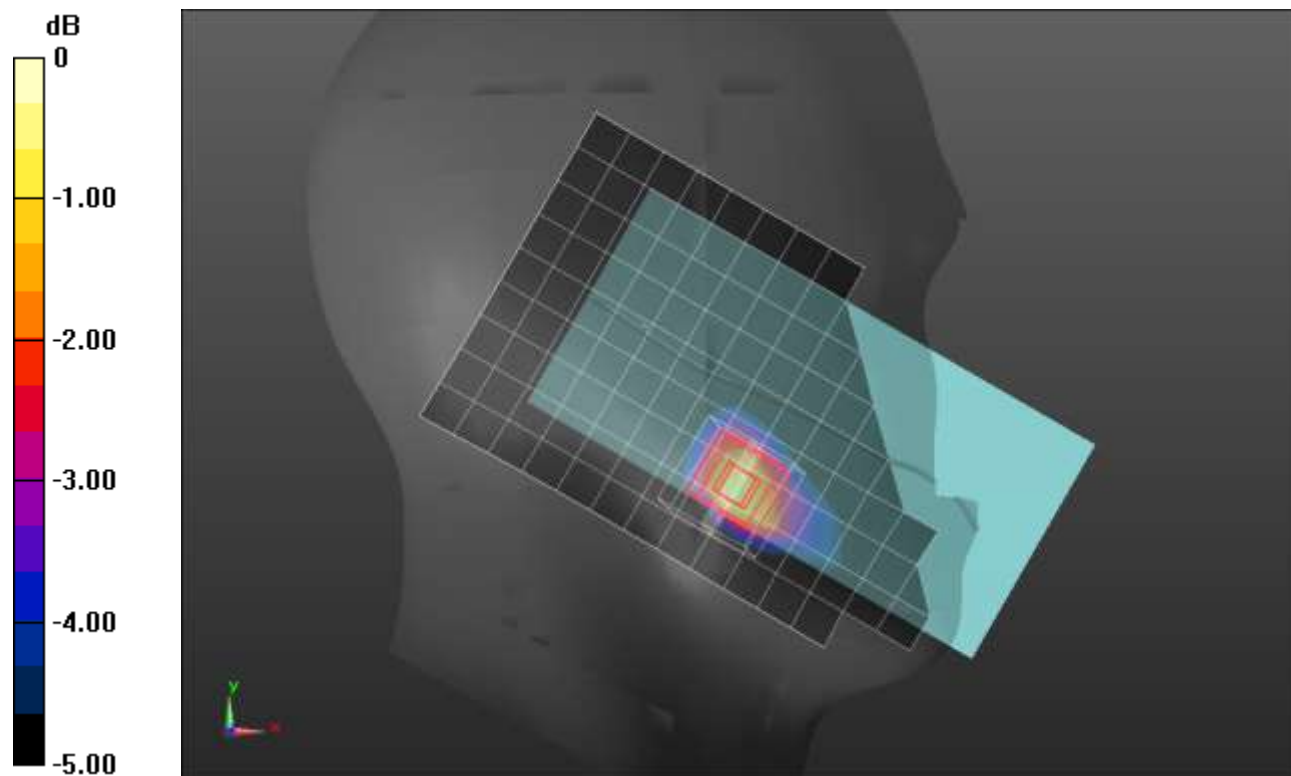
**SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.199 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

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

Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

**n41 ANT 3**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.913$  S/m;  $\epsilon_r = 37.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2593 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/pi/2 BPSK RB 135,67 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.877 W/kg

**Rear/pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.29 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

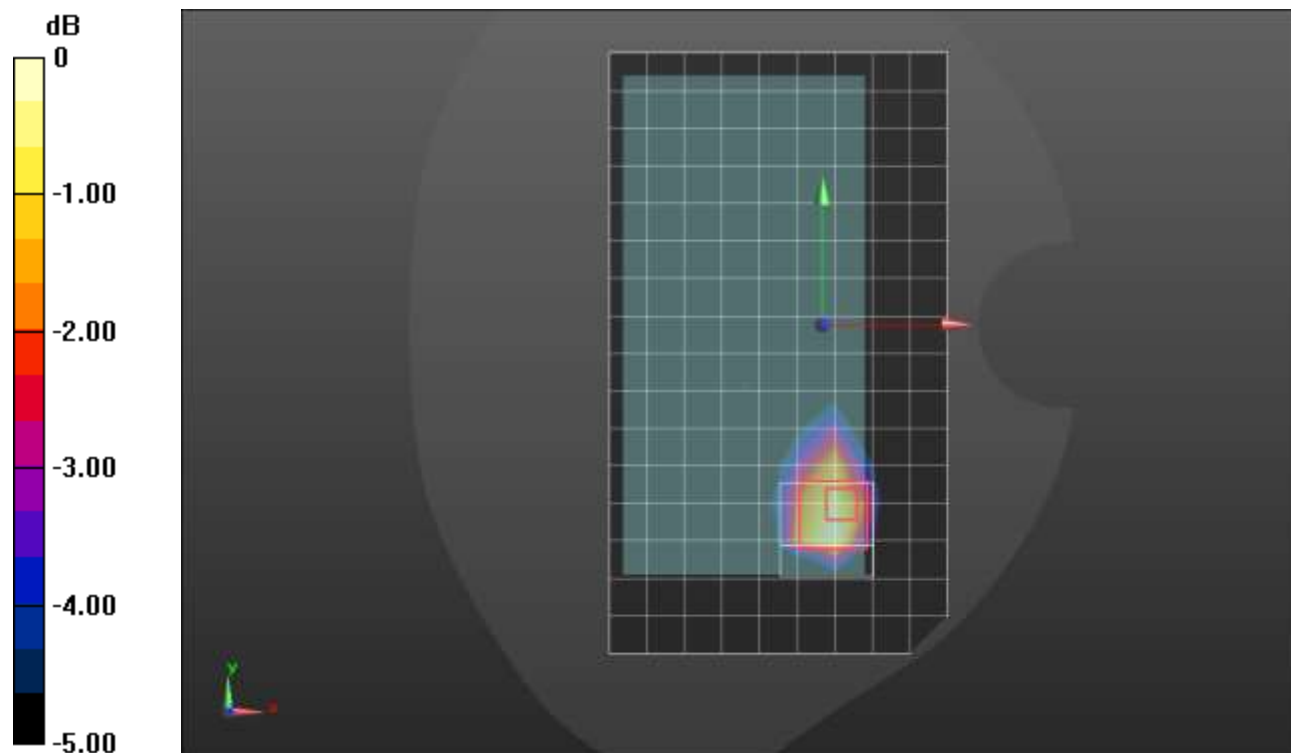
**SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.267 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 39.9%

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

Maximum value of SAR (measured) = 0.856 W/kg



0 dB = 0.856 W/kg = -0.68 dBW/kg

**n41 ANT 3**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.913$  S/m;  $\epsilon_r = 37.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2593 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 4/pi/2 BPSK RB 1,136 Ch 518598/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.964 W/kg

**Edge 4/pi/2 BPSK RB 1,136 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.68 W/kg

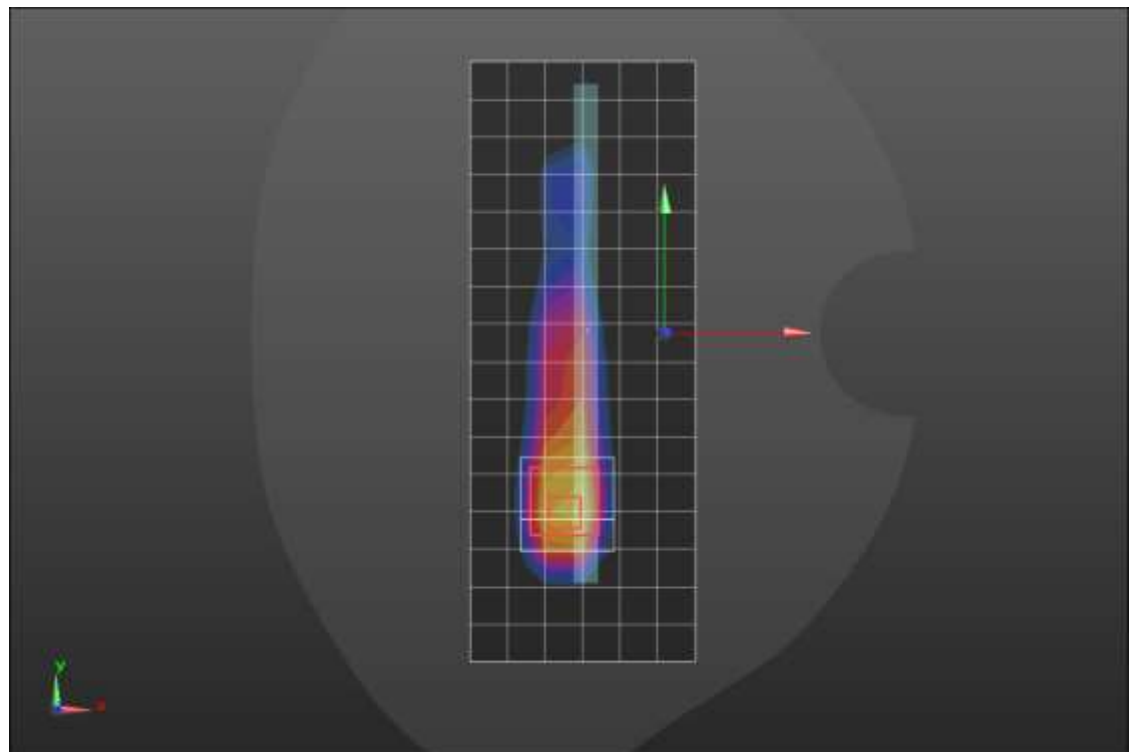
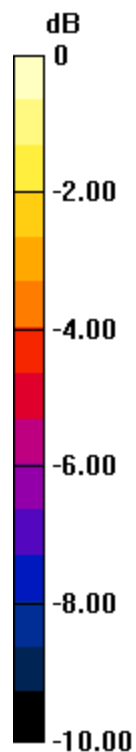
**SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.330 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 43.8%

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

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



0 dB = 1.32 W/kg = 1.21 dBW/kg



**n41 ANT 4**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.924$  S/m;  $\epsilon_r = 38.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.98, 6.98, 6.98) @ 2593 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_pi/2 BPSK RB 1,136 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**LHS/Touch\_pi/2 BPSK RB 1,136 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.73 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.19 W/kg

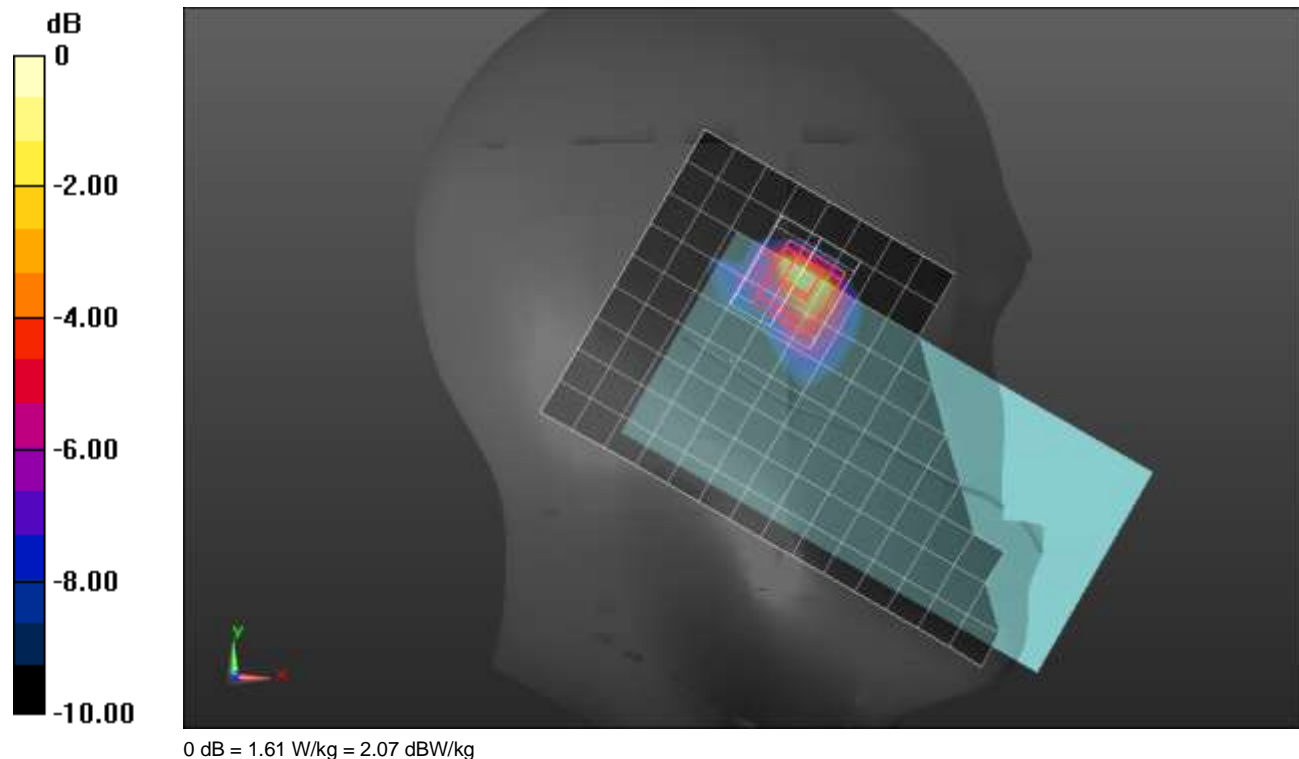
**SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.315 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 33.3%

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

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



**n41 ANT 4**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.895$  S/m;  $\epsilon_r = 37.298$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(7.53, 7.53, 7.53) @ 2593 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/pi/2 BPSK RB 135,67 Ch 518598/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

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

**Rear/pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.84 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.73 W/kg

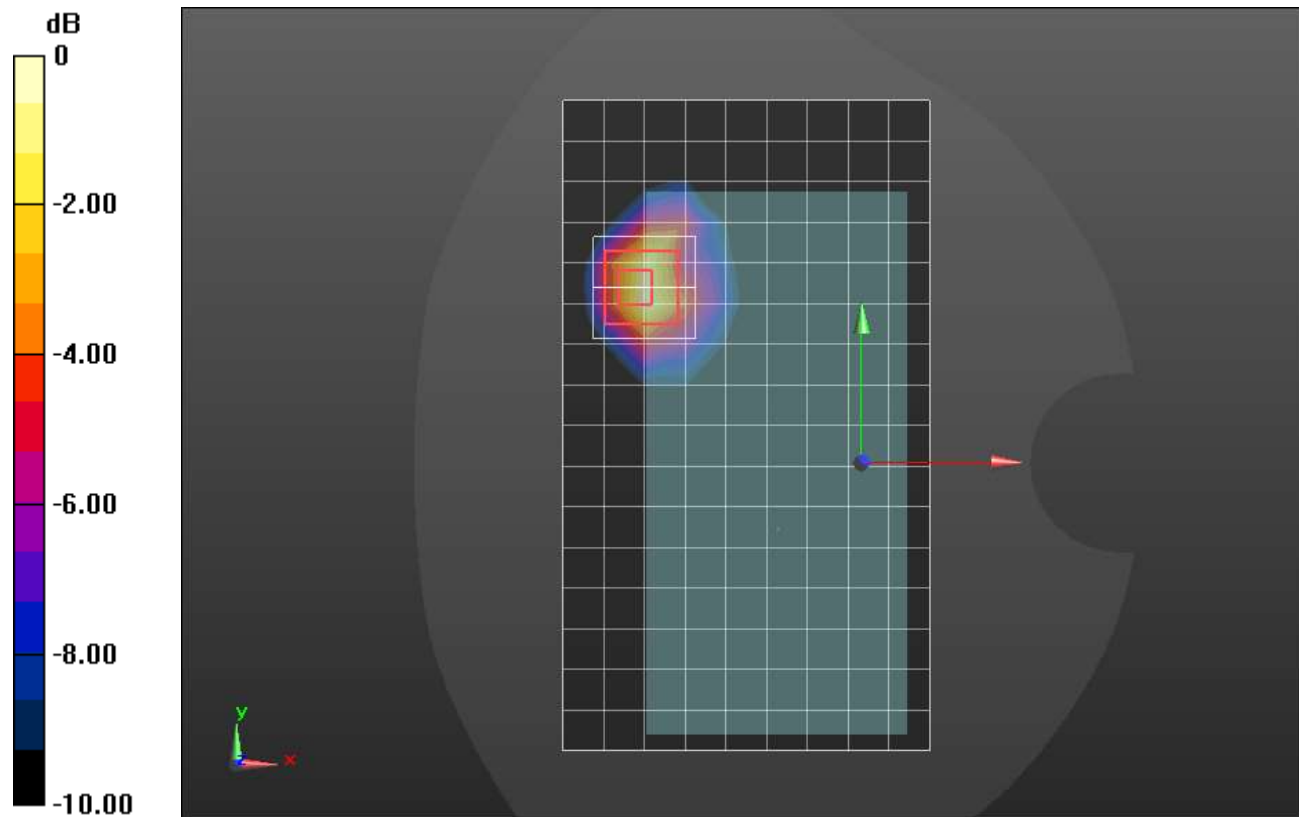
**SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.286 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 39.2%

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

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



**n41 ANT 4**

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.907$  S/m;  $\epsilon_r = 37.887$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.08, 7.08, 7.08) @ 2593 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Edge 2/pi/2 BPSK RB 135,67 Ch 518598/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.27 W/kg

**Edge 2/pi/2 BPSK RB 135,67 Ch 518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.27 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.15 W/kg

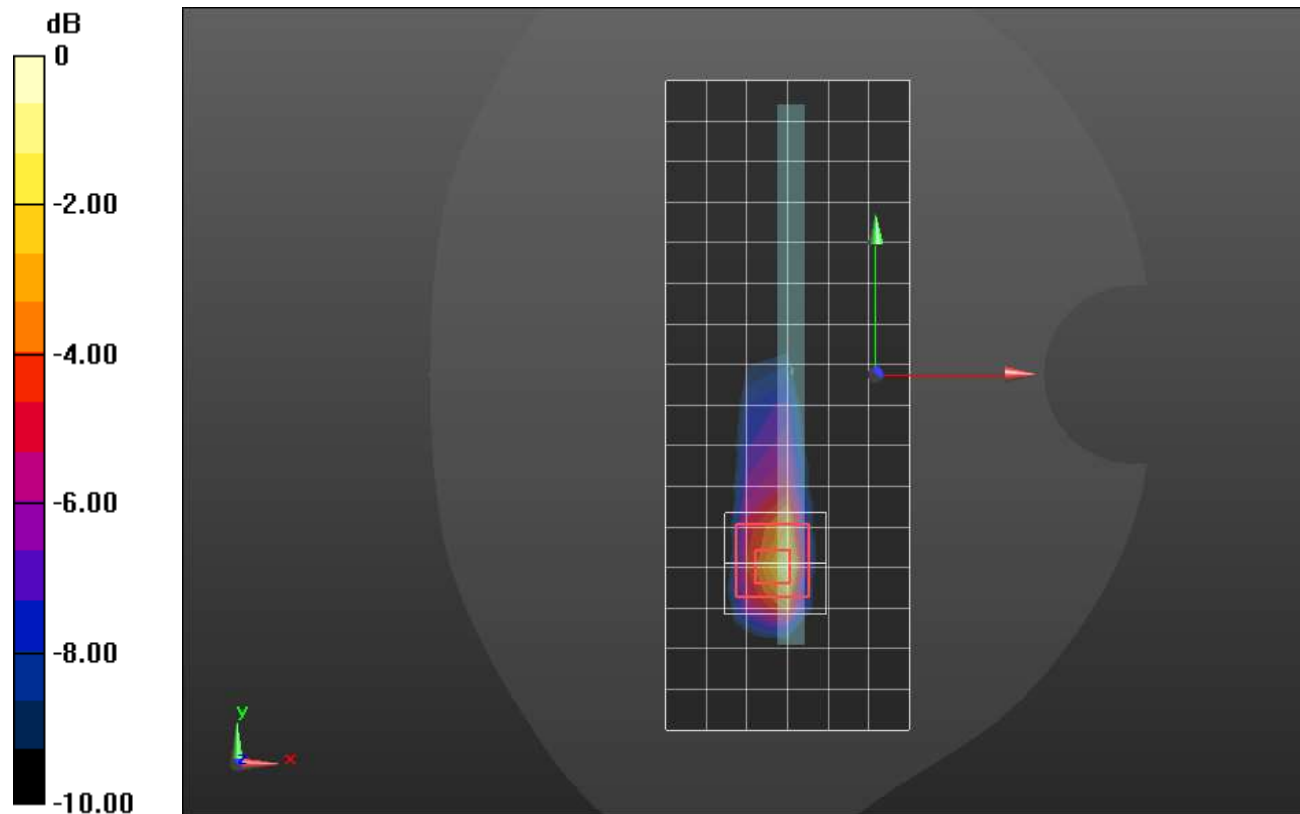
**SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.331 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 40.3%

[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

**n53 ANT 1**

Frequency: 2489.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.3 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**RHS/Touch\_Pi/2 BPSK RB 12,6 Ch 497860/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.262 W/kg

**RHS/Touch\_Pi/2 BPSK RB 12,6 Ch 497860/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.24 V/m; Power Drift = 0.04 dB

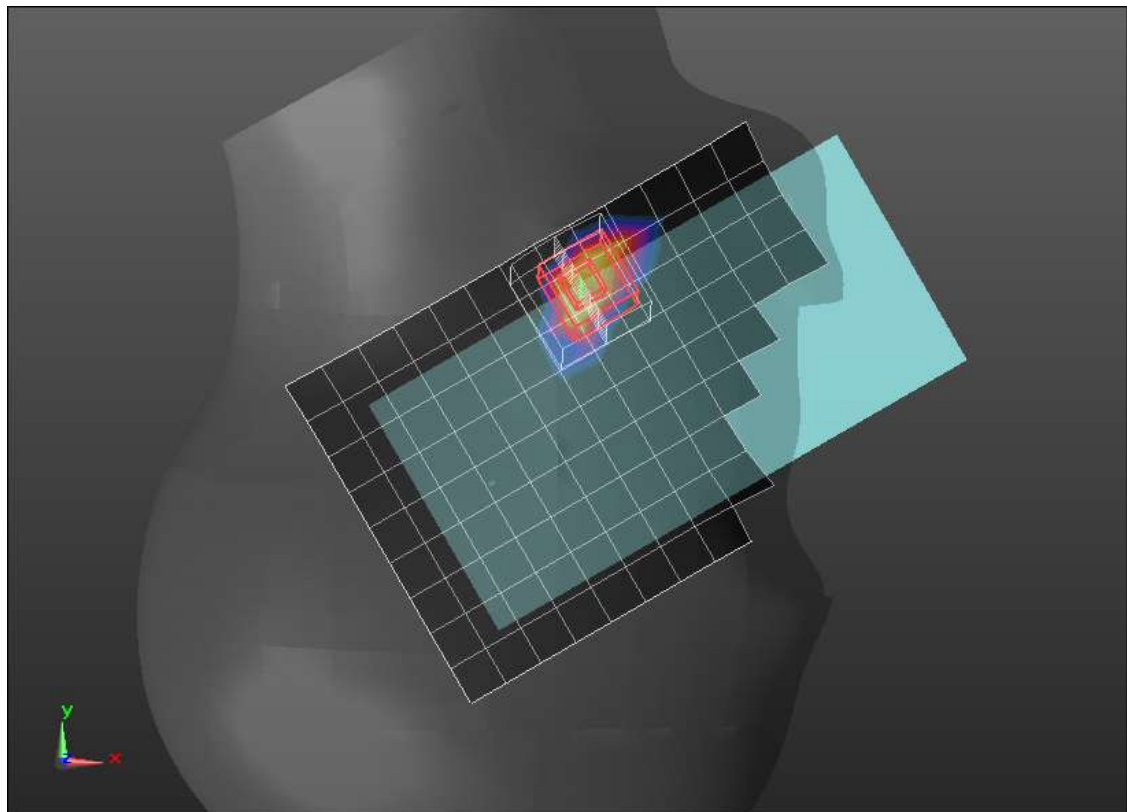
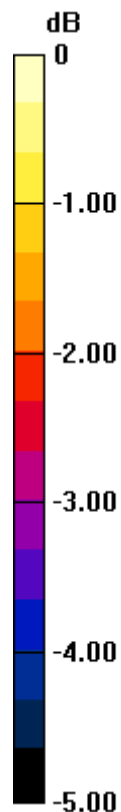
Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.092 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.5%

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

**n53 ANT 1**

Frequency: 2489.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.3 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Rear/Pi/2 BPSK RB 12,6 Ch 497860/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.05 W/kg

**Rear/Pi/2 BPSK RB 12,6 Ch 497860/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.52 V/m; Power Drift = 0.04 dB

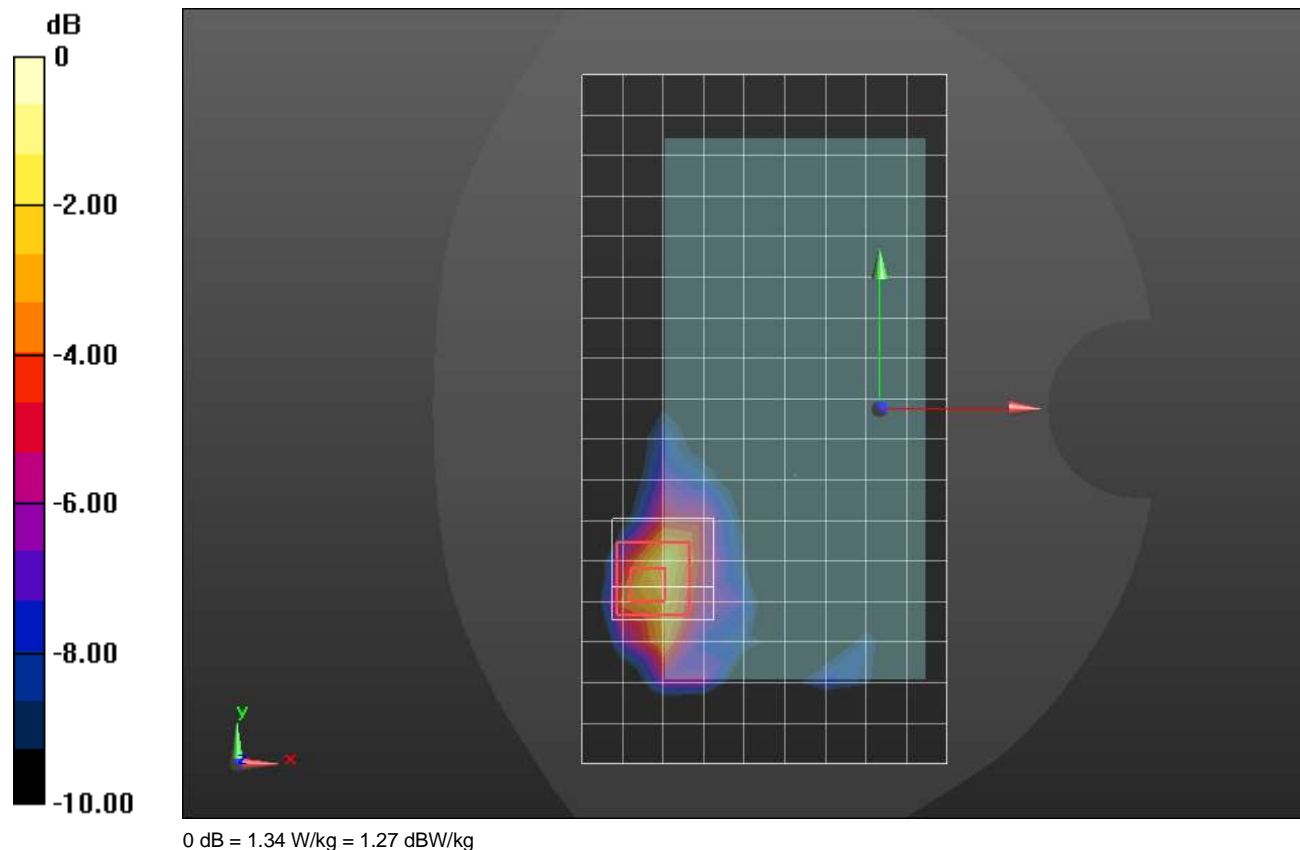
Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.287 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 38.2%

Maximum value of SAR (measured) = 1.34 W/kg



**n53 ANT 1**

Frequency: 2489.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.3 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**Edge 2/Pi/2 BPSK RB 12,6 Ch 497860/Area Scan (7x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.01 W/kg

**Edge 2/Pi/2 BPSK RB 12,6 Ch 497860/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.00 V/m; Power Drift = -0.01 dB

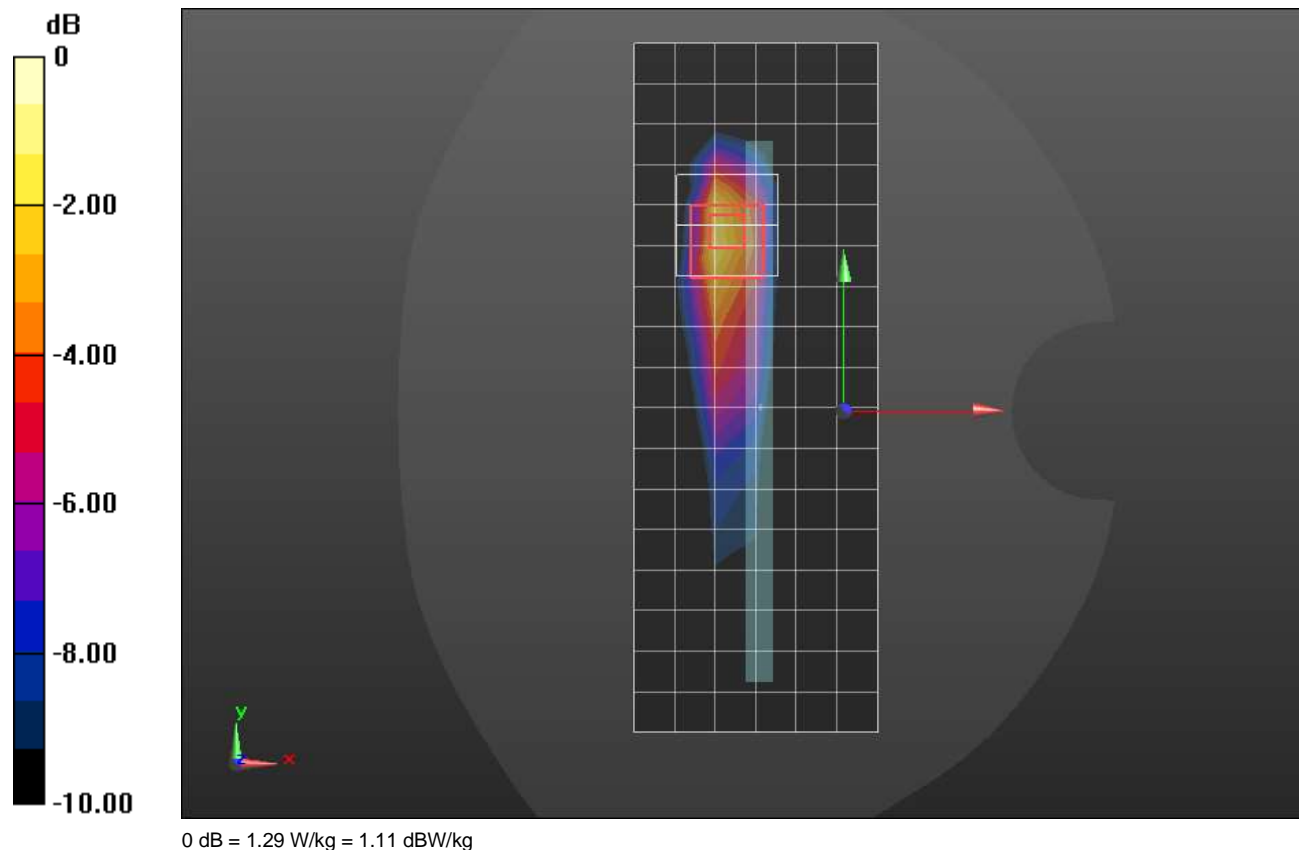
Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.291 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 1.29 W/kg



**n53 ANT 2**

Frequency: 2489.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2489.3 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**LHS/Tilt\_pi/2 BPSK RB 1,11 Ch 497860/Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.797 W/kg

**LHS/Tilt\_pi/2 BPSK RB 1,11 Ch 497860/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.83 V/m; Power Drift = -0.13 dB

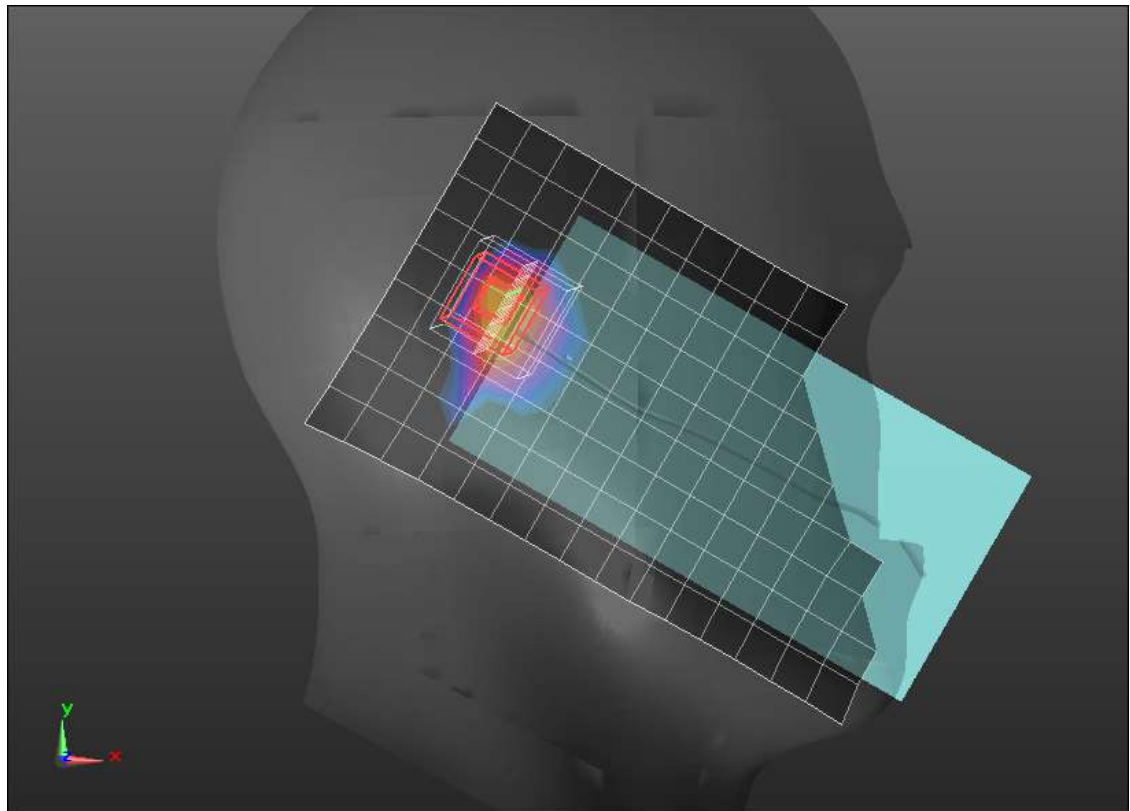
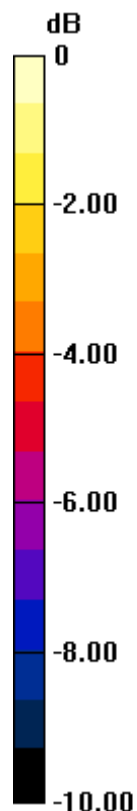
Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.259 W/kg**

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 36.9%

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg



**n53 ANT 2**

Frequency: 2489.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.837$  S/m;  $\epsilon_r = 39.121$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(7.7, 7.7, 7.7) @ 2489.3 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/pi/2 BPSK RB 12,6 Ch 497860/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.07 W/kg

**Rear/pi/2 BPSK RB 12,6 Ch 497860/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.50 V/m; Power Drift = -0.11 dB

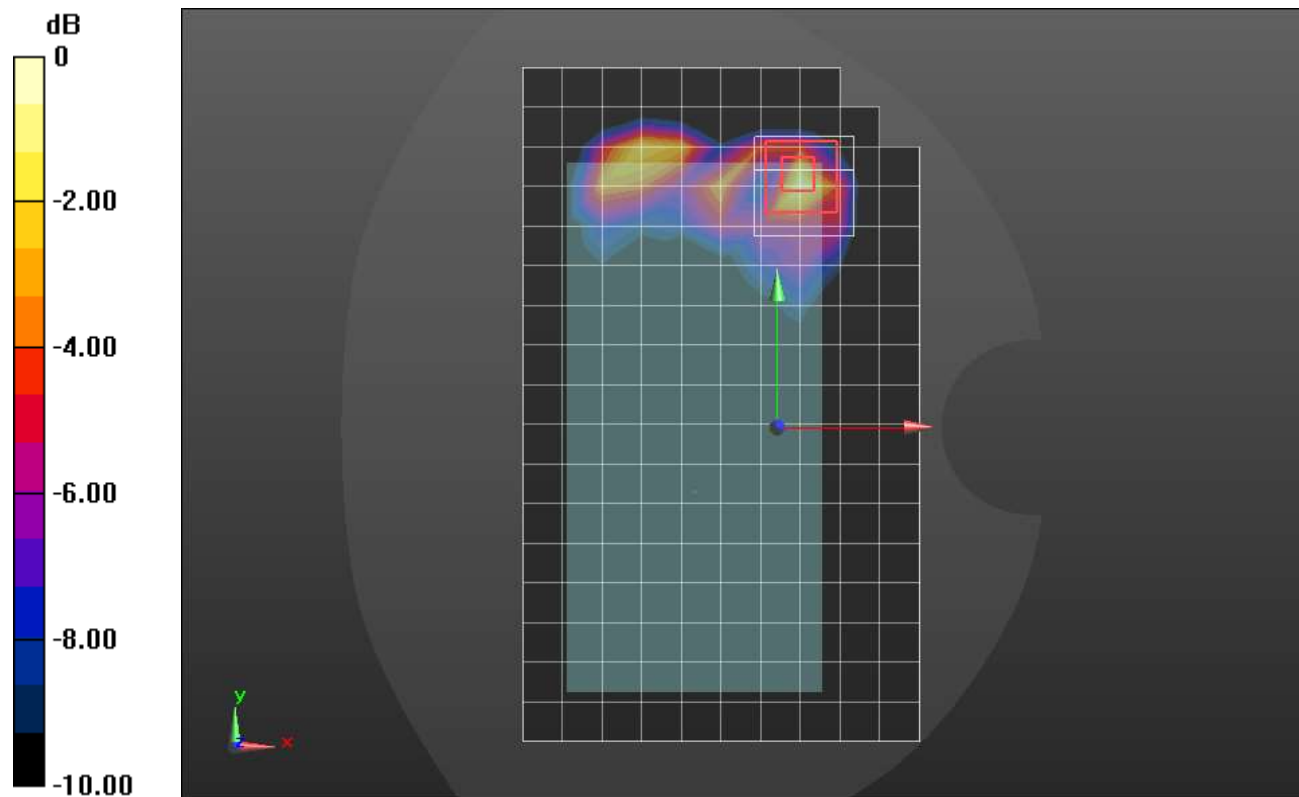
Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.246 W/kg**

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 42.6%

Maximum value of SAR (measured) = 1.16 W/kg



**n53 ANT 2**

Frequency: 2489.3 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2490$  MHz;  $\sigma = 1.837$  S/m;  $\epsilon_r = 39.121$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(7.7, 7.7, 7.7) @ 2489.3 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Edge 1/pi/2 BPSK RB 12,6 Ch 497860/Area Scan (6x11x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.10 W/kg

**Edge 1/pi/2 BPSK RB 12,6 Ch 497860/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.92 V/m; Power Drift = 0.15 dB

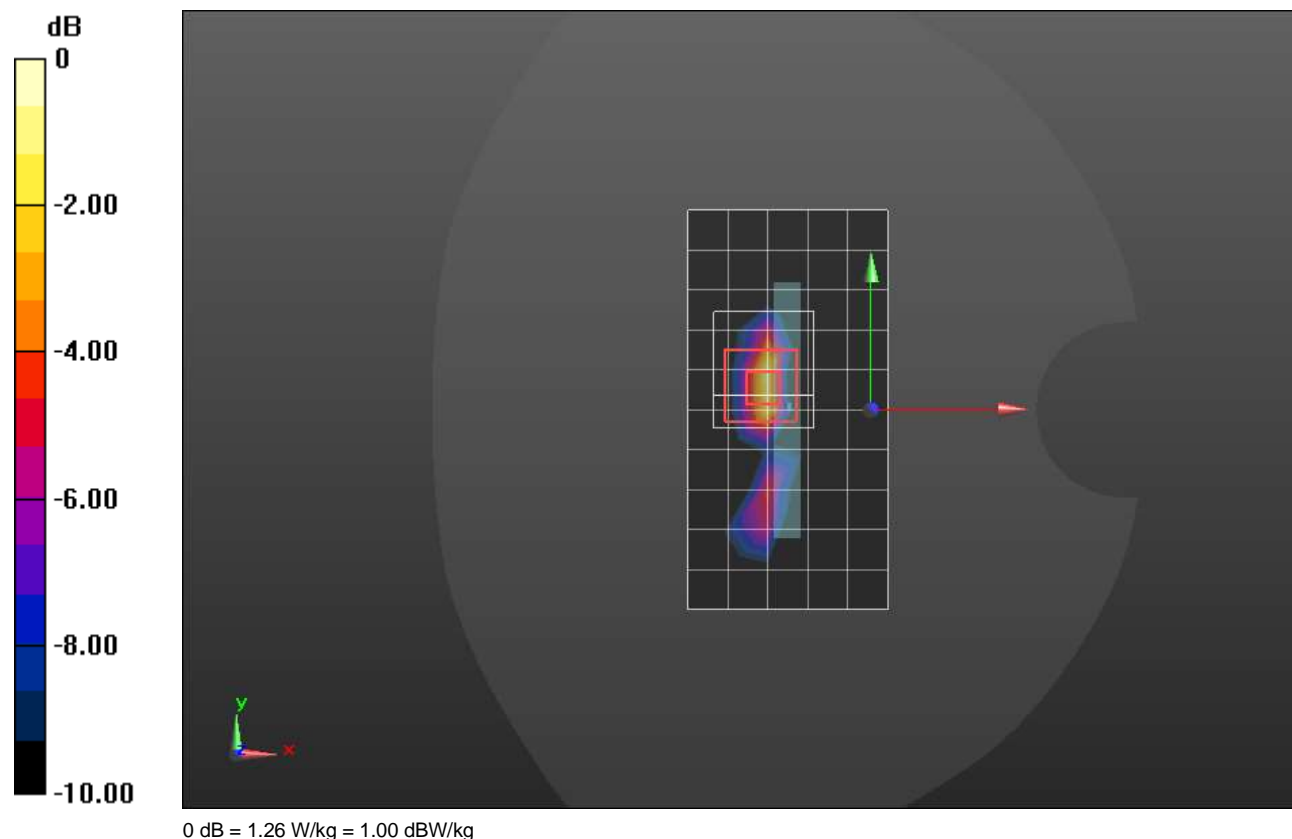
Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.226 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 41.4%

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



**n66 ANT 1**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 39.148$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_Pi/2 BPSK RB 108,54 Ch 349000/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.301 W/kg

**RHS/Touch\_Pi/2 BPSK RB 108,54 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.19 V/m; Power Drift = -0.02 dB

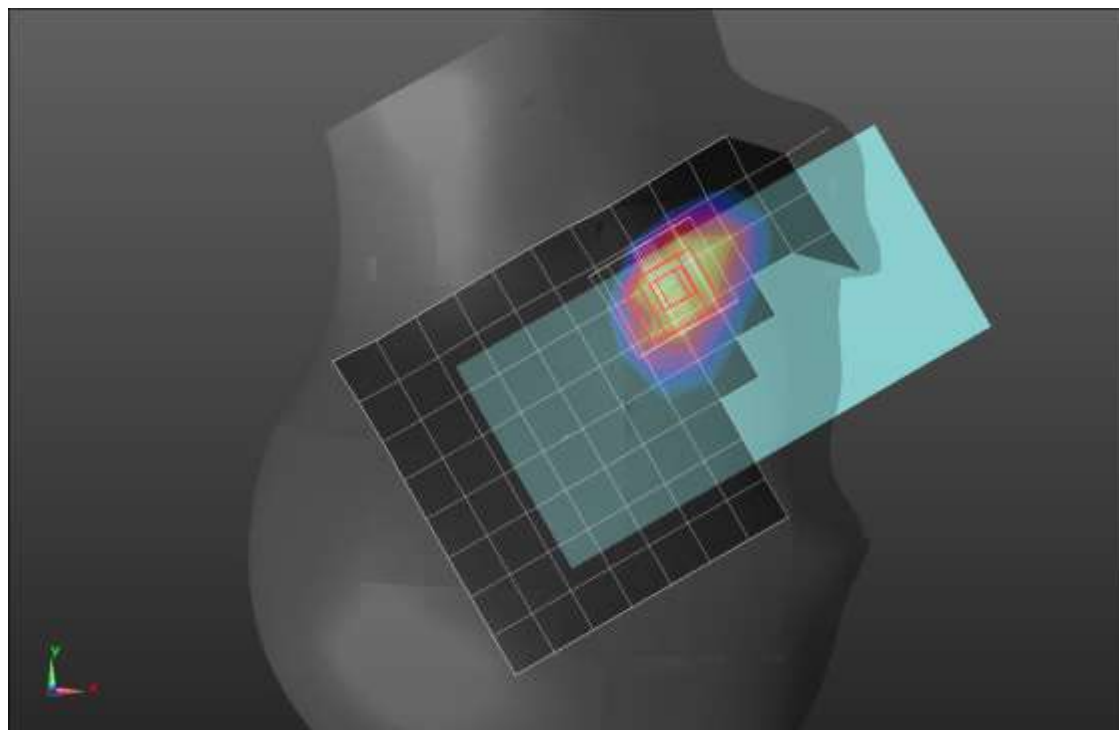
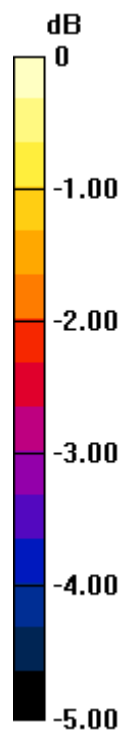
Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.149 W/kg**

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.3%

Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

**n66 ANT 1**

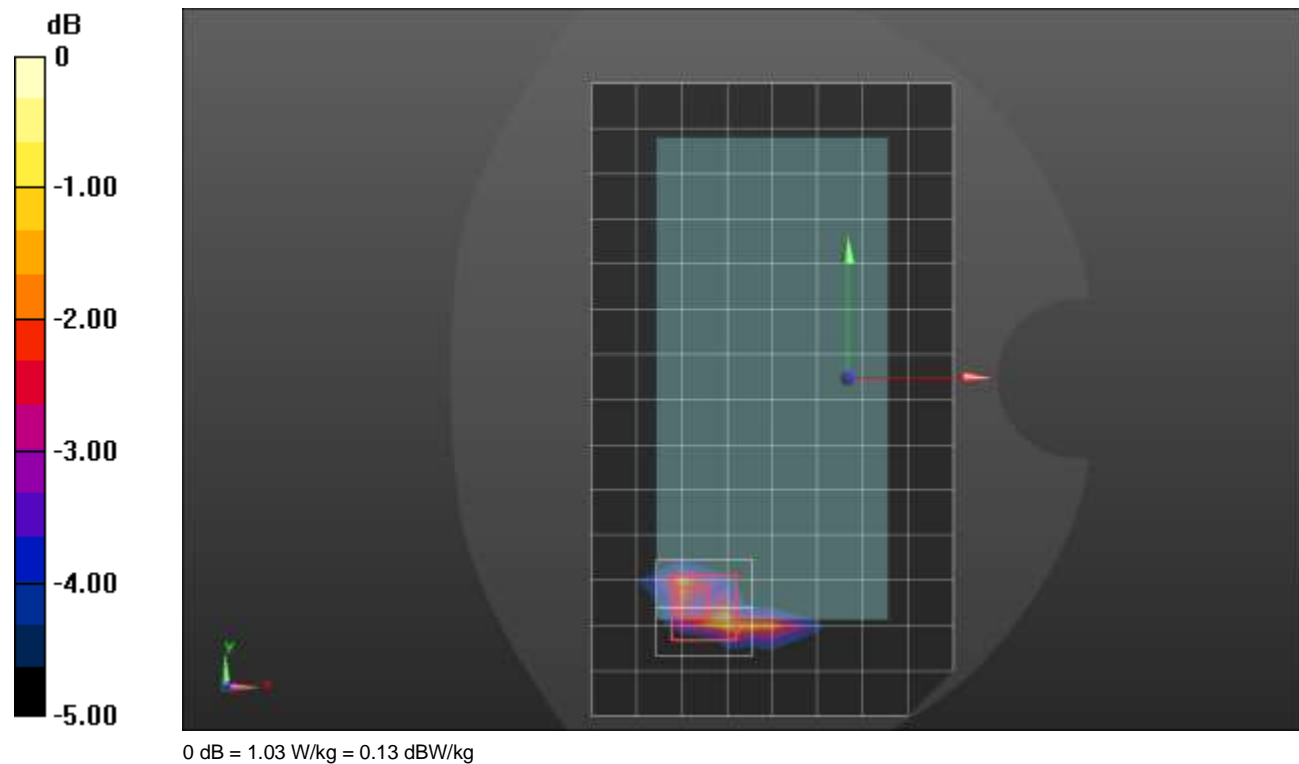
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 38.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/Pi/2 BPSK RB 108,54 Ch 349000/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.820 W/kg

**Rear/Pi/2 BPSK RB 108,54 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.34 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.38 W/kg  
**SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.328 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.2 mm  
Ratio of SAR at M2 to SAR at M1 = 52%  
Maximum value of SAR (measured) = 1.03 W/kg



**n66 ANT 1**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 38.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 3/Pi/2 BPSK RB 108,54 Ch 349000/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 W/kg

**Edge 3/Pi/2 BPSK RB 108,54 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.37 V/m; Power Drift = -0.10 dB

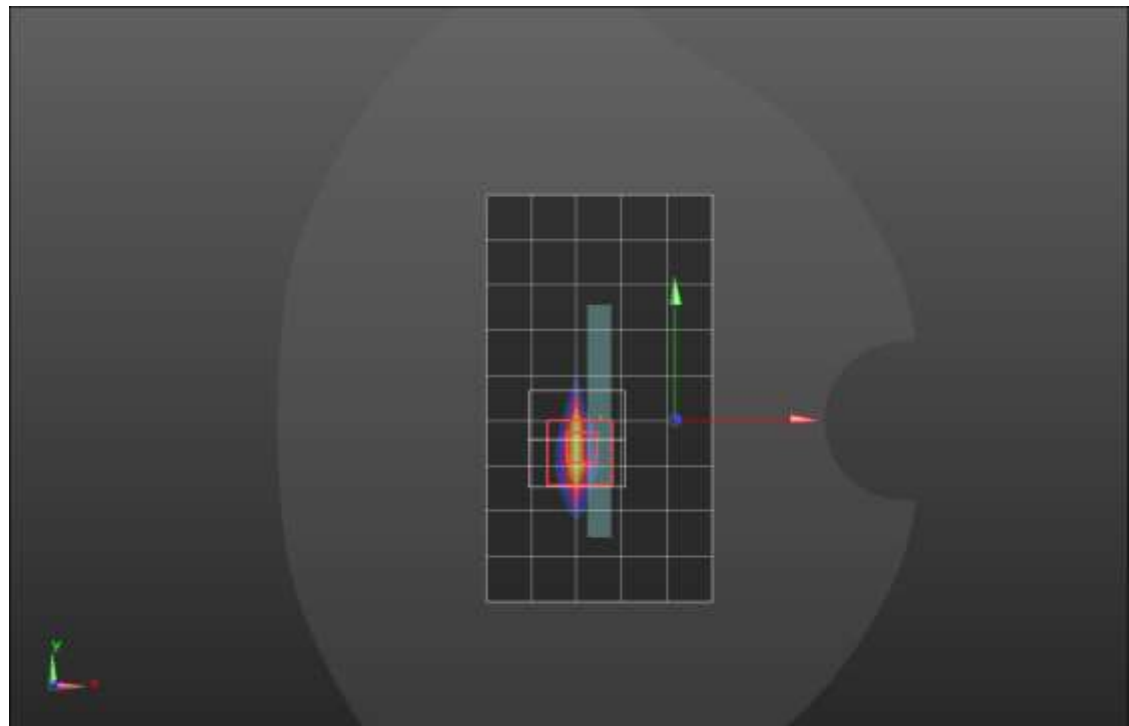
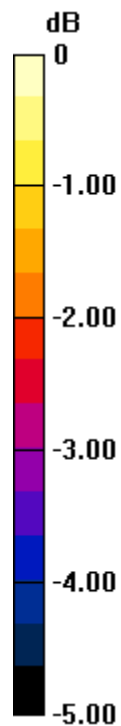
Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.347 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

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



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

**n66 ANT 2**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 38.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_Pi/2 BPSK RB 108,54 Ch 349000/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.15 W/kg

**RHS/Touch\_Pi/2 BPSK RB 108,54 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.50 V/m; Power Drift = 0.10 dB

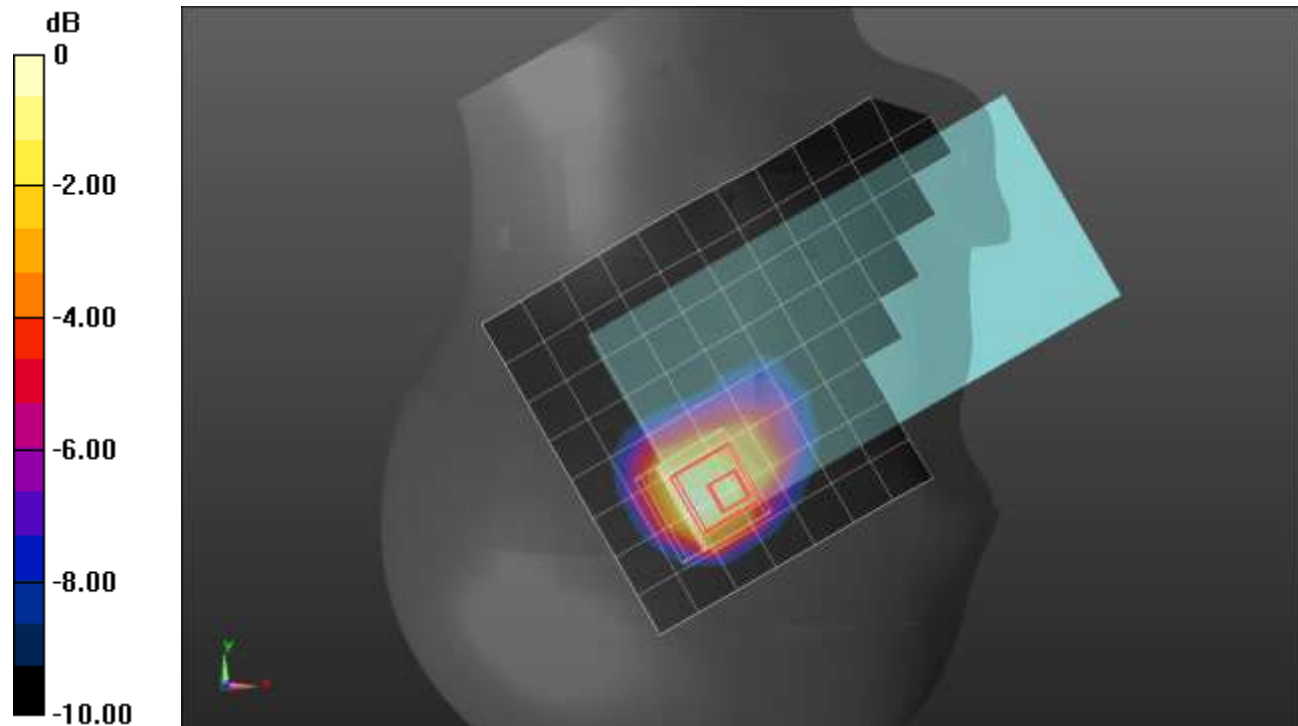
Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.425 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 39.2%

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

**n66 ANT 2**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 38.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/Pi/2 BPSK RB 1,107 Ch 349000/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.12 W/kg

**Rear/Pi/2 BPSK RB 1,107 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.32 V/m; Power Drift = 0.03 dB

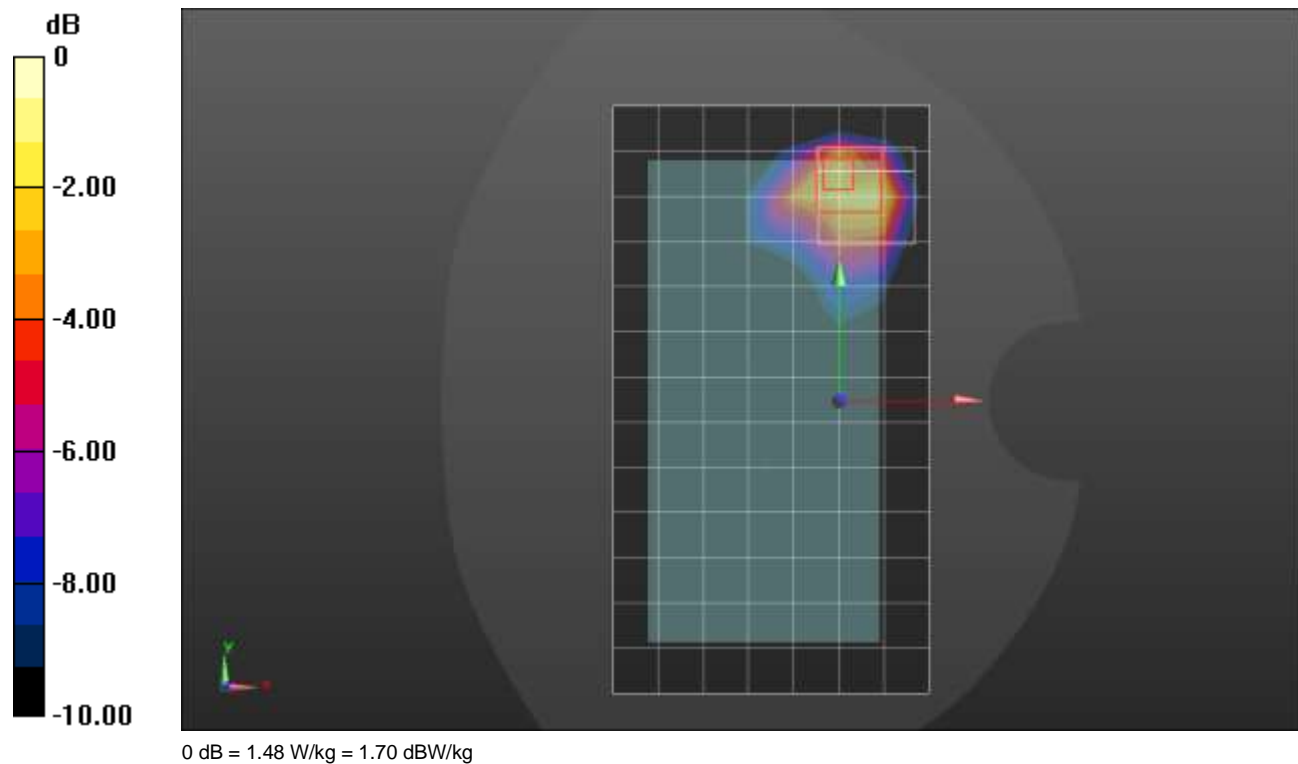
Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.361 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

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





**n66 ANT 3**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 41.353$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1745 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_Pi/2 BPSK RB 1,107 Ch 349000/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.402 W/kg

**LHS/Touch\_Pi/2 BPSK RB 1,107 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.30 V/m; Power Drift = 0.06 dB

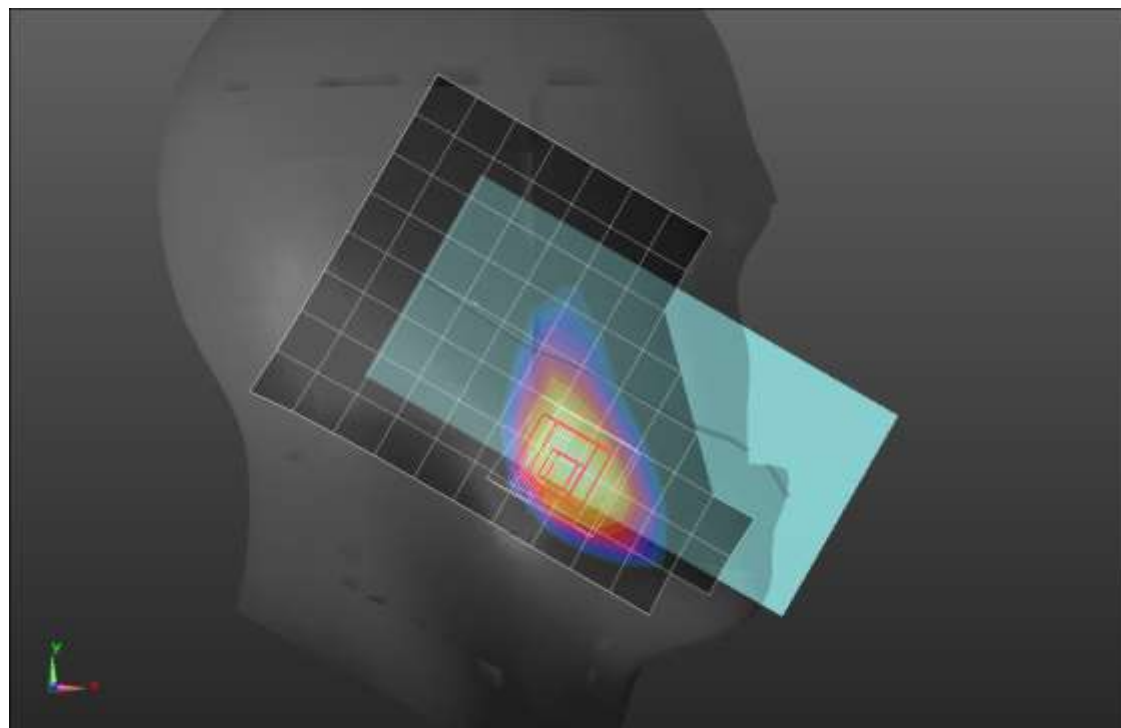
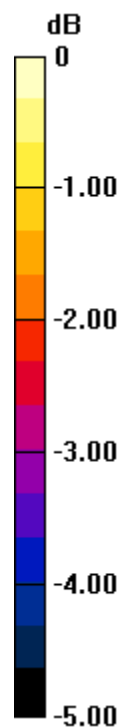
Peak SAR (extrapolated) = 0.468 W/kg

**SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.196 W/kg**

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.5%

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

**n66 ANT 3**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 41.353$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1745 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 1,107 Ch 349000/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.03 W/kg

**Rear/Pi/2 BPSK RB 1,107 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.23 V/m; Power Drift = -0.01 dB

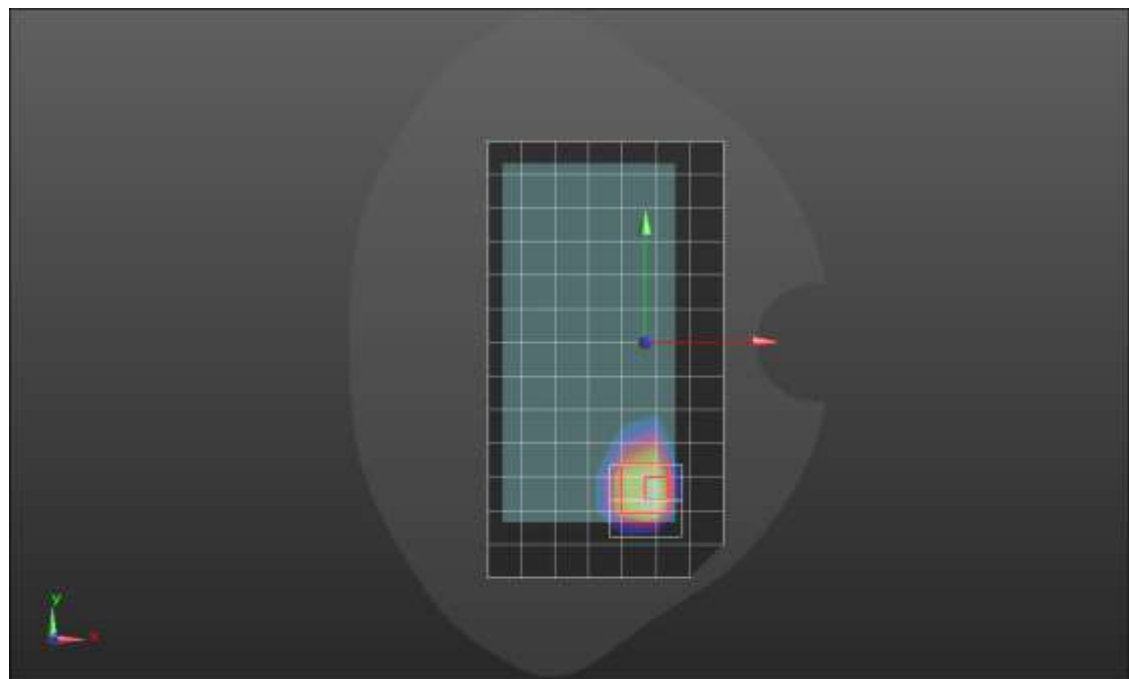
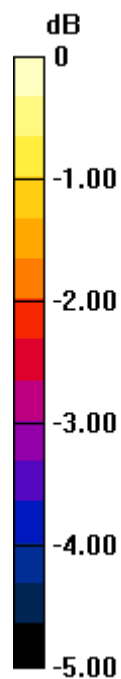
Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.383 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

**n66 ANT 3**

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.396$  S/m;  $\epsilon_r = 40.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1745 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/Pi/2 BPSK RB 1,107 Ch 349000/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.06 W/kg

**Edge 4/Pi/2 BPSK RB 1,107 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.86 V/m; Power Drift = 0.02 dB

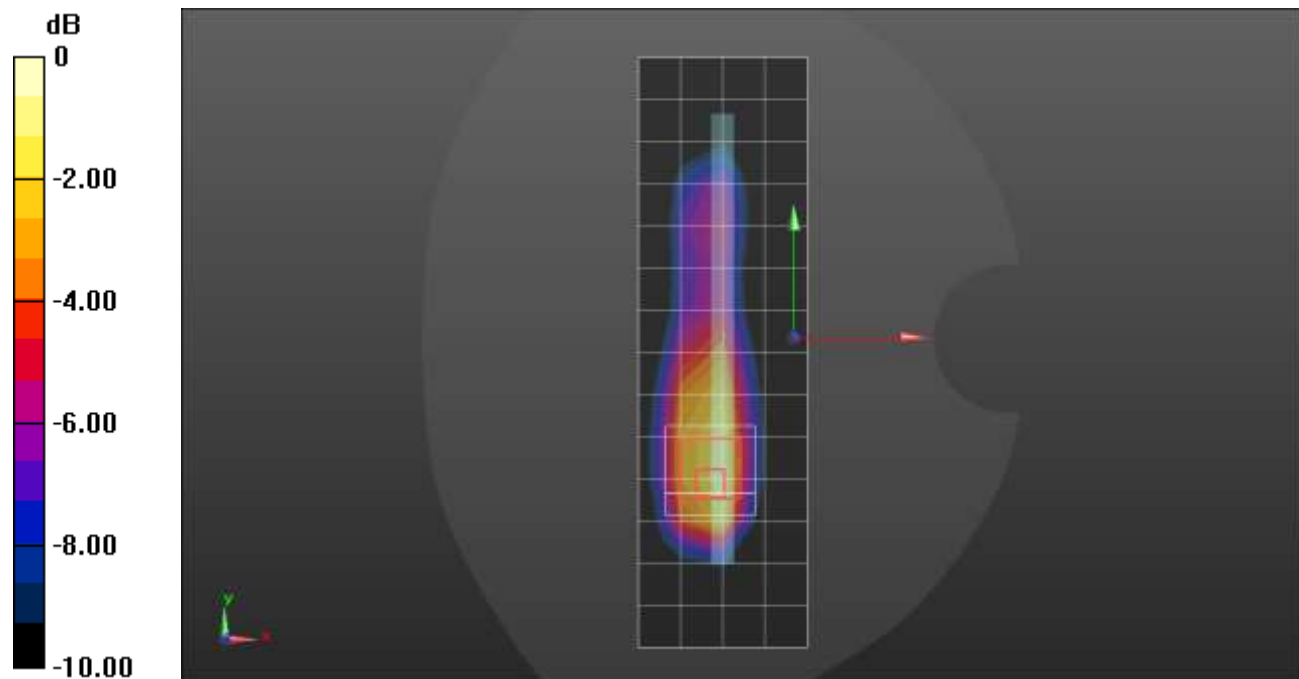
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.424 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

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



**n66 ANT 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;  $\sigma = 1.396$  S/m;  $\epsilon_r = 40.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1745 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_Pi/2 BPSK RB 108,54 Ch 349000/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.03 W/kg

**LHS/Touch\_Pi/2 BPSK RB 108,54 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.54 V/m; Power Drift = -0.06 dB

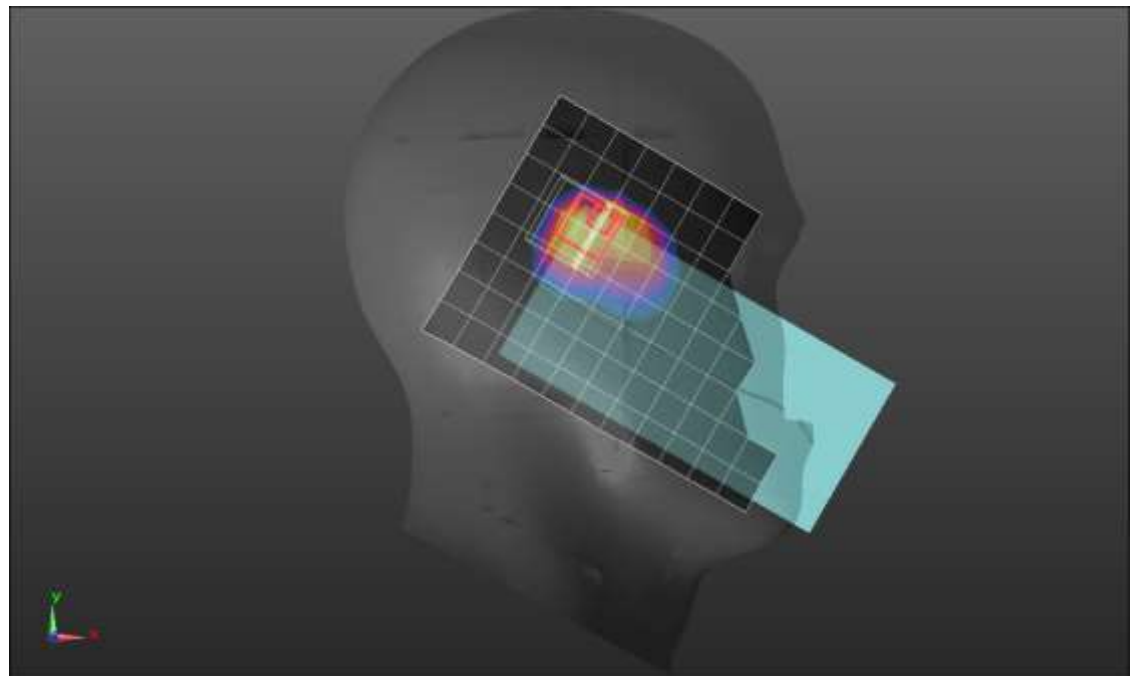
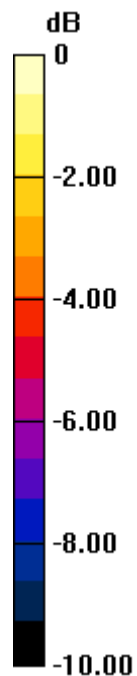
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.385 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

**n66 ANT 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;  $\sigma = 1.396$  S/m;  $\epsilon_r = 40.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

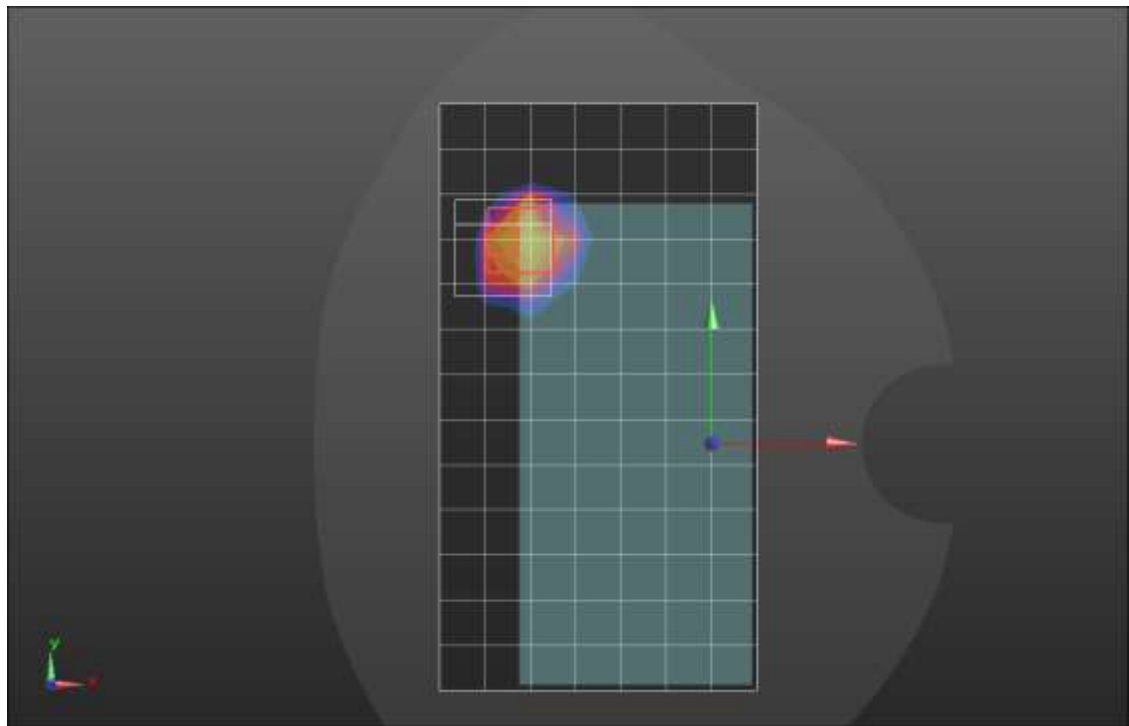
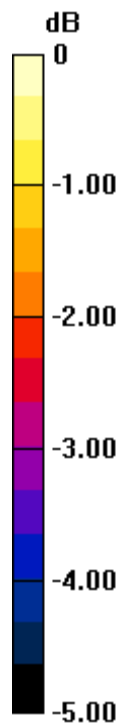
Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1745 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 108,54 Ch 349000/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.982 W/kg

**Rear/Pi/2 BPSK RB 108,54 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.98 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.386 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.6 mm  
Ratio of SAR at M2 to SAR at M1 = 44.8%

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



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

**n66 ANT 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;  $\sigma = 1.394$  S/m;  $\epsilon_r = 38.317$ ;  $\rho = 1000$  kg/m<sup>3</sup>

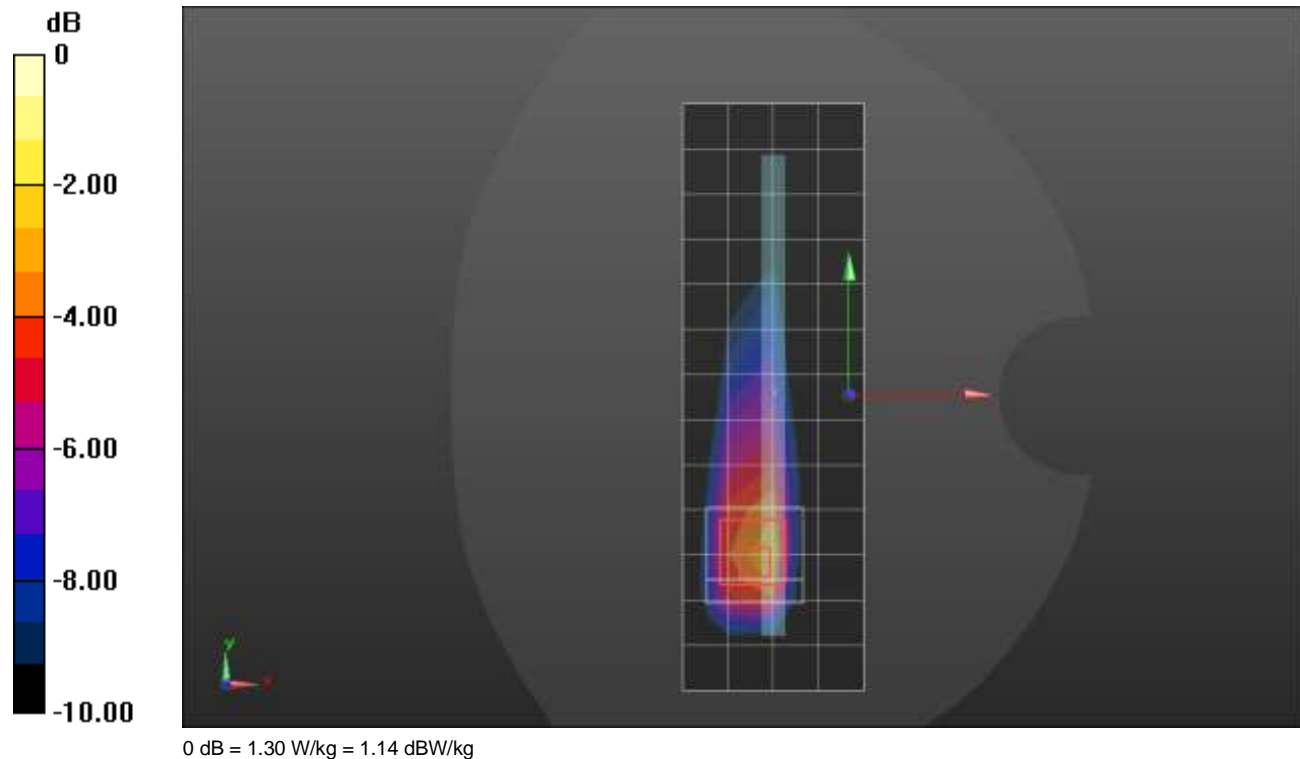
Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 2/Pi/2 BPSK RB 1,107 Ch 349000/Area Scan (5x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.732 W/kg

**Edge 2/Pi/2 BPSK RB 1,107 Ch 349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 31.03 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.57 W/kg  
**SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.362 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.6 mm  
Ratio of SAR at M2 to SAR at M1 = 48.6%

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



**n70 ANT 1**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.374$  S/m;  $\epsilon_r = 39.005$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1702.5 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_Pi/2 BPSK RB 1,39 Ch 340500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.364 W/kg

**RHS/Touch\_Pi/2 BPSK RB 1,39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.11 V/m; Power Drift = 0.04 dB

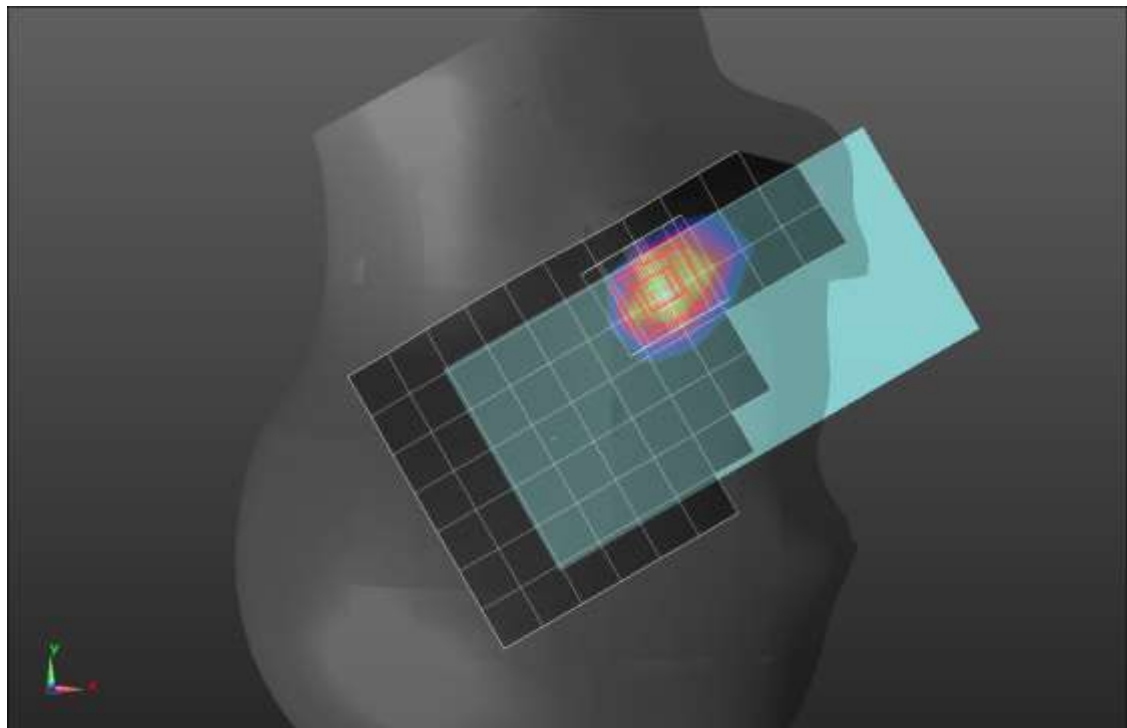
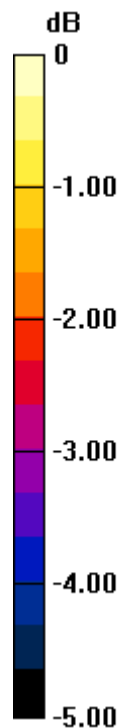
Peak SAR (extrapolated) = 0.433 W/kg

**SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.175 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg



**n70 ANT 1**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.374$  S/m;  $\epsilon_r = 39.005$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1702.5 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Front/Pi/2 BPSK RB 36,18 Ch 340500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.569 W/kg

**Front/Pi/2 BPSK RB 36,18 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.97 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.55 W/kg

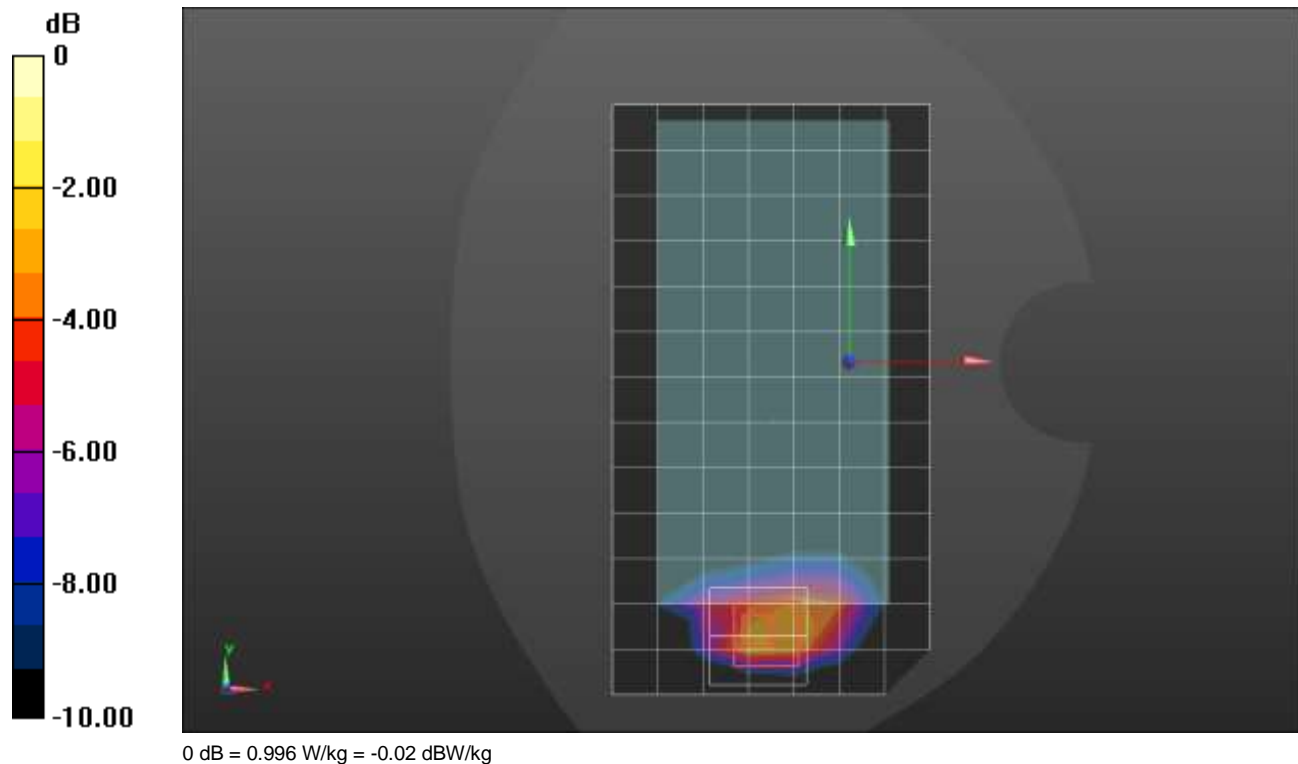
**SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.316 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 56%

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

Maximum value of SAR (measured) = 0.996 W/kg



**n70 ANT 1**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.362$  S/m;  $\epsilon_r = 38.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1702.5 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 3/Pi/2 BPSK RB 36,18 Ch 340500/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.38 W/kg

**Edge 3/Pi/2 BPSK RB 36,18 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.00 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.59 W/kg

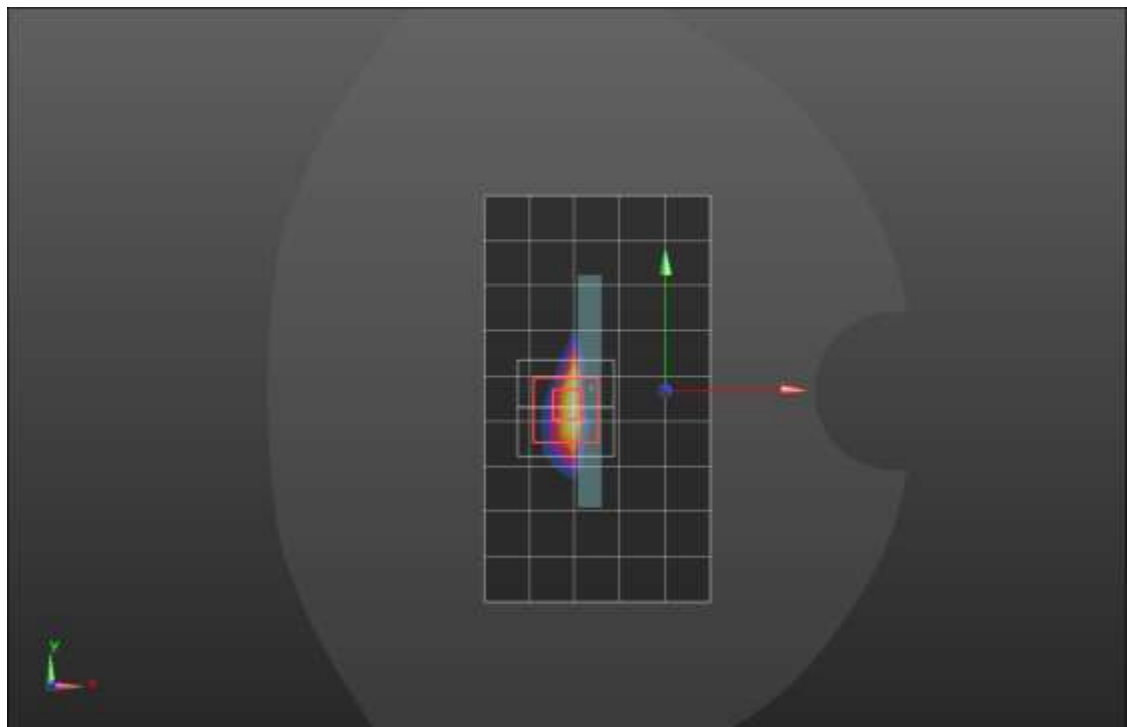
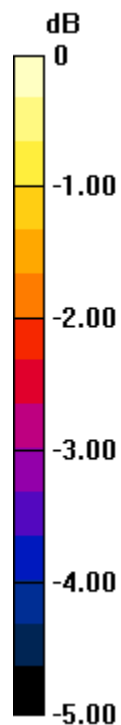
**SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.380 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

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

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

**n70 ANT 2**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 38.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**RHS/Touch\_Pi/2 BPSK RB 1,39 Ch 340500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.13 W/kg

**RHS/Touch\_Pi/2 BPSK RB 1,39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.42 V/m; Power Drift = 0.00 dB

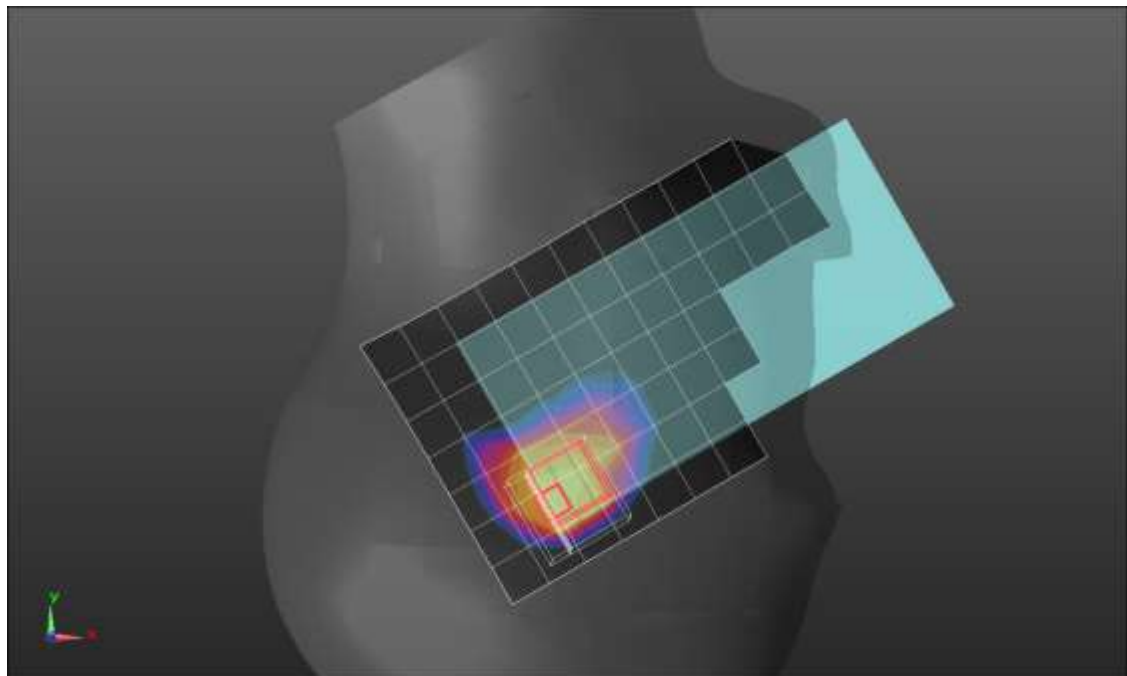
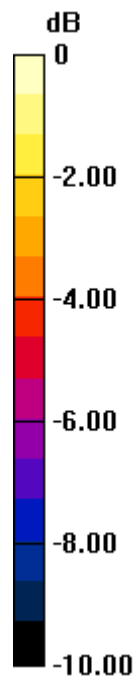
Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.497 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 36.6%

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

**n70 ANT 2**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 38.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK 1,39 Ch 340500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.10 W/kg

**Rear/Pi/2 BPSK 1,39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.36 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.85 W/kg

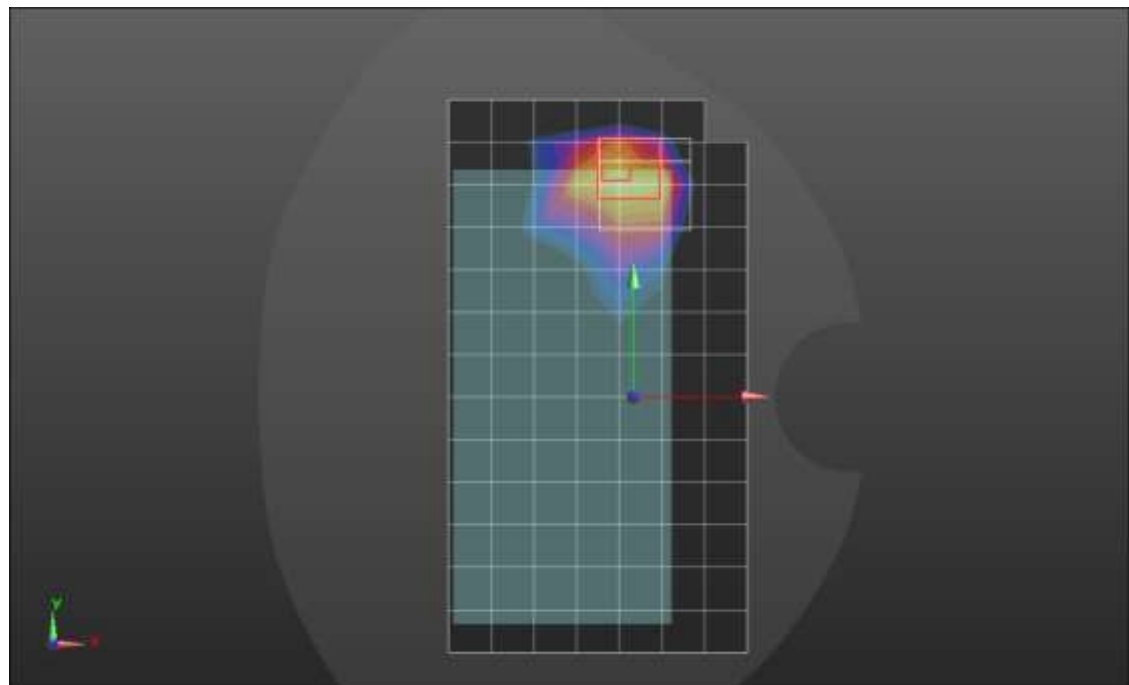
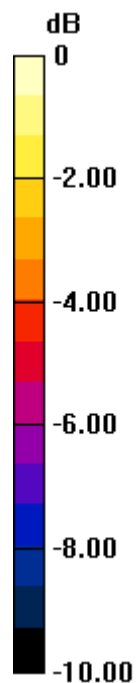
**SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.362 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 46.5%

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

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

**n70 ANT 3**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 41.438$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_Pi/2 BPSK RB 1,39 Ch 340500/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.392 W/kg

**LHS/Touch\_Pi/2 BPSK RB 1,39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.63 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.468 W/kg

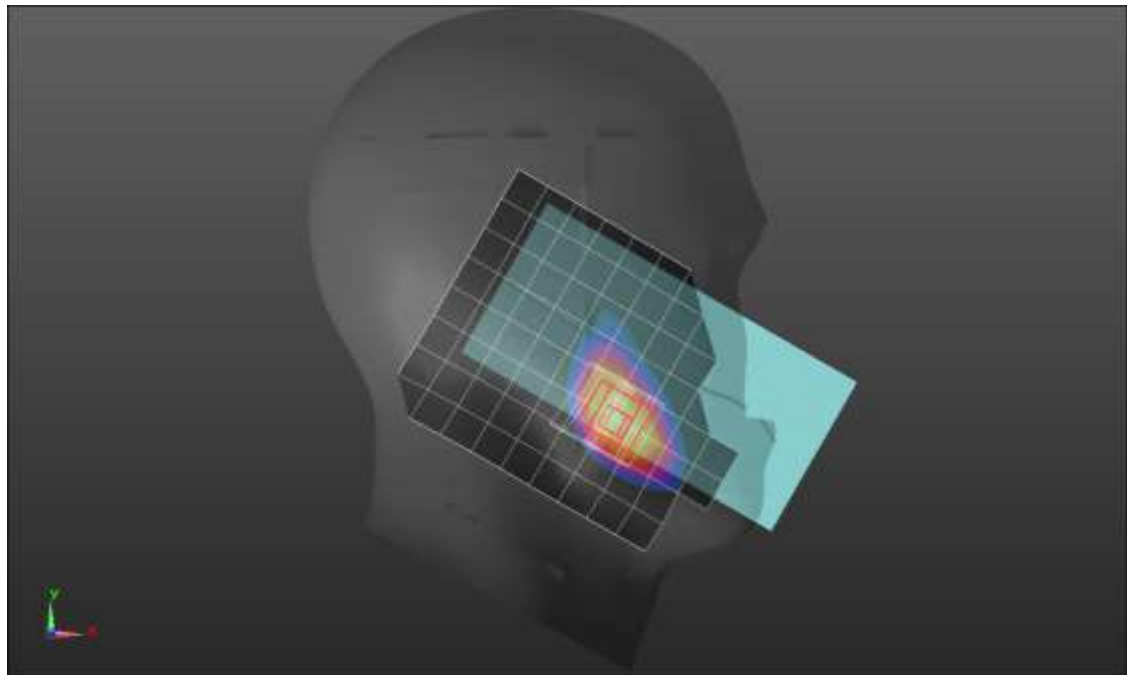
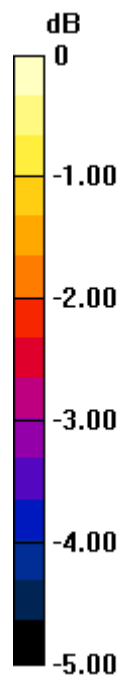
**SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.197 W/kg**

Smallest distance from peaks to all points 3 dB below = 15 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

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

Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

**n70 ANT 3**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 41.438$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 1,39 Ch 340500/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.883 W/kg

**Rear/ Pi/2 BPSK RB 1,39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.05 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

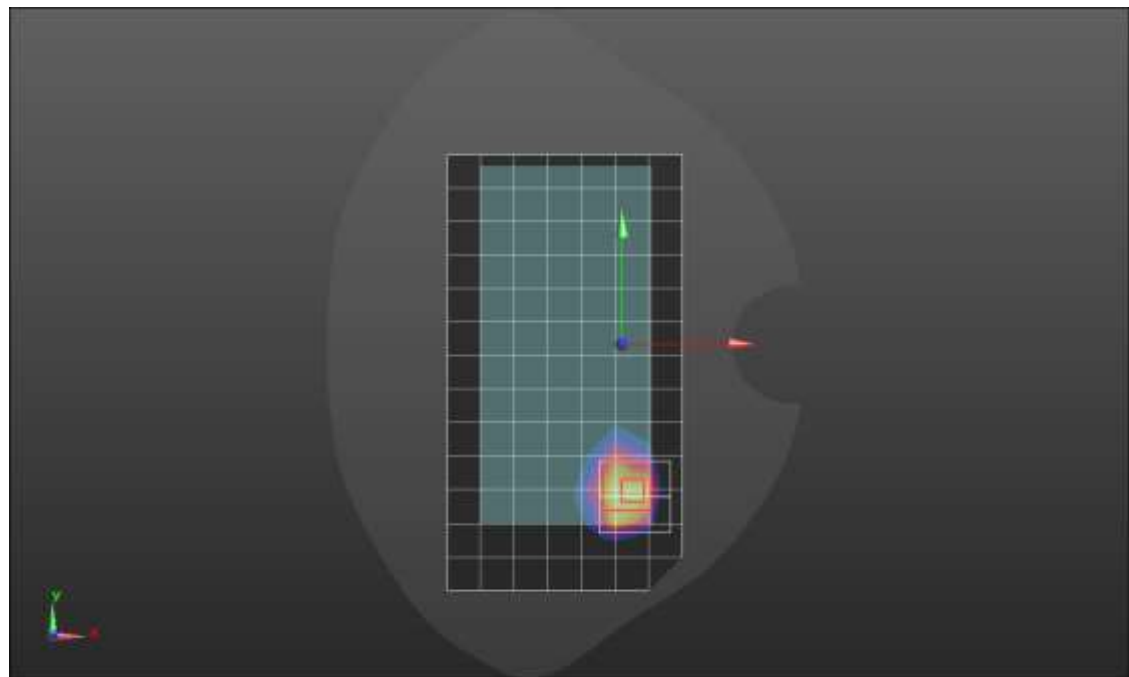
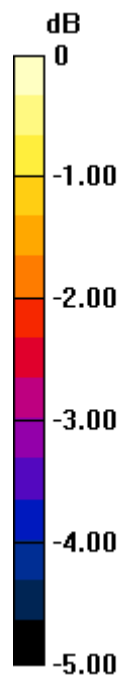
**SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.371 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 53%

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

Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

**n70 ANT 3**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 41.438$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Edge 4/Pi/2 BPSK RB 36,18 Ch 340500/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.09 W/kg

**Edge 4/Pi/2 BPSK RB 36,18 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.47 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.45 W/kg

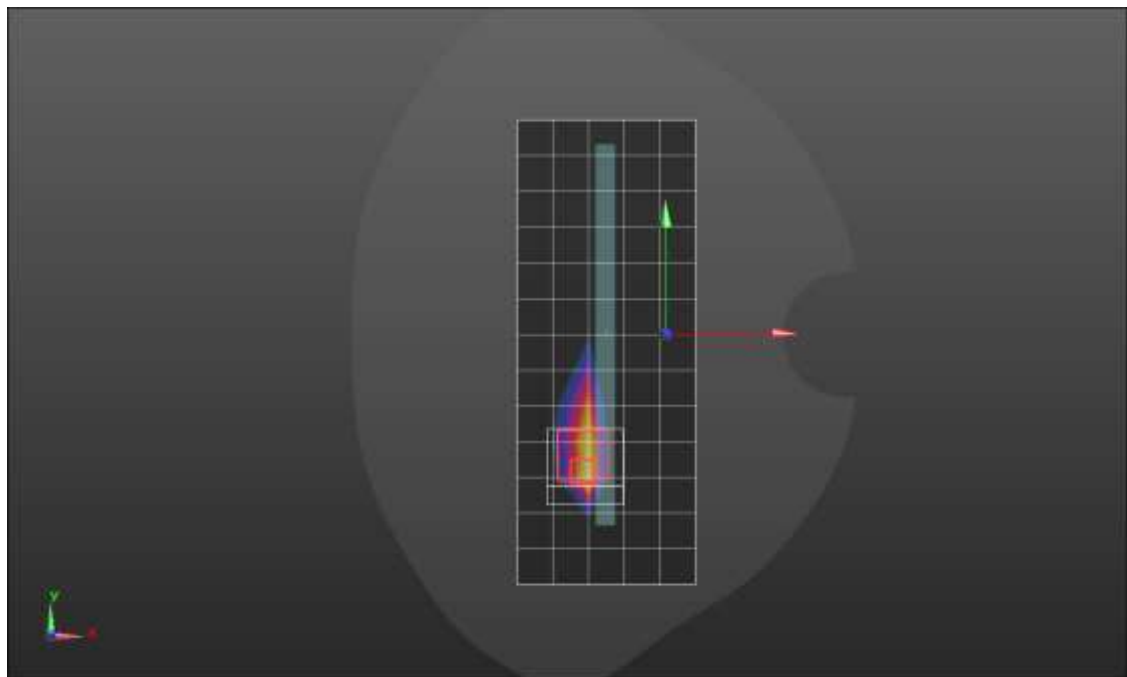
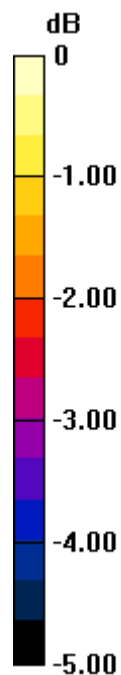
**SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.377 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 48%

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

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg



**n70 ANT 4**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 40.541$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**LHS/Touch\_Pi/2 BPSK RB 1, 39 Ch 340500/Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.41 W/kg

**LHS/Touch\_Pi/2 BPSK RB 1, 39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.66 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.72 W/kg

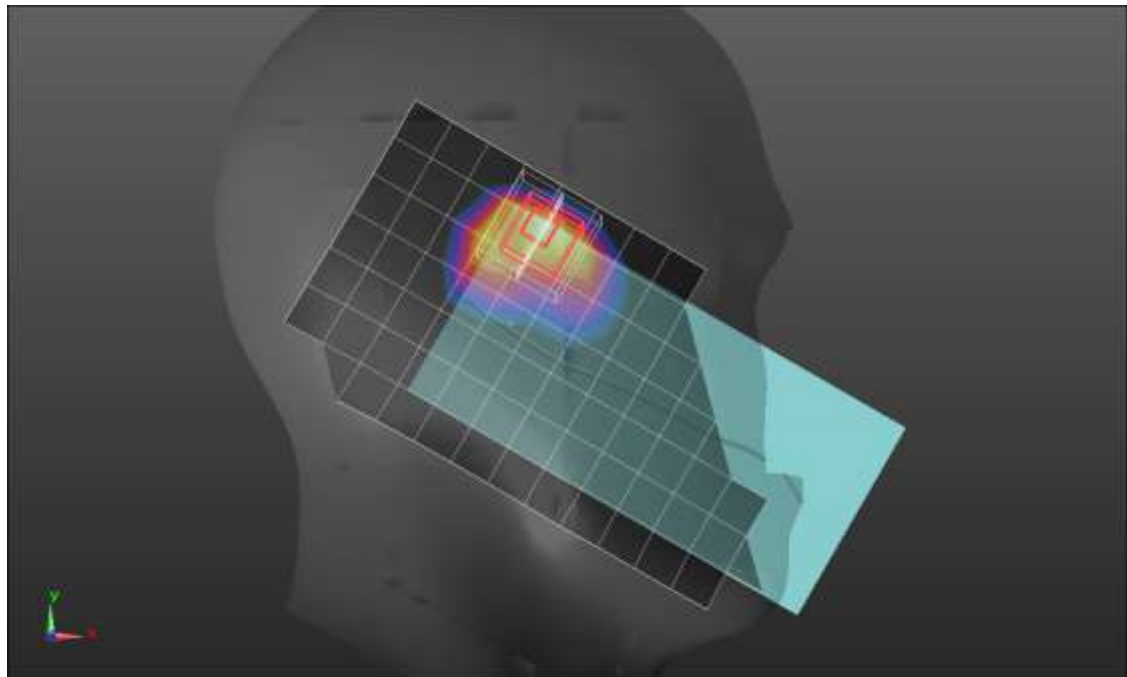
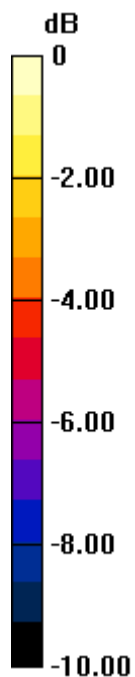
**SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.402 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

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

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

**n70 ANT 4**

Frequency: 1702.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1702.5$  MHz;  $\sigma = 1.375$  S/m;  $\epsilon_r = 40.072$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1702.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

**Rear/Pi/2 BPSK RB 1,39 Ch 340500/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.929 W/kg

**Rear/Pi/2 BPSK RB 1,39 Ch 340500/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.72 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.78 W/kg

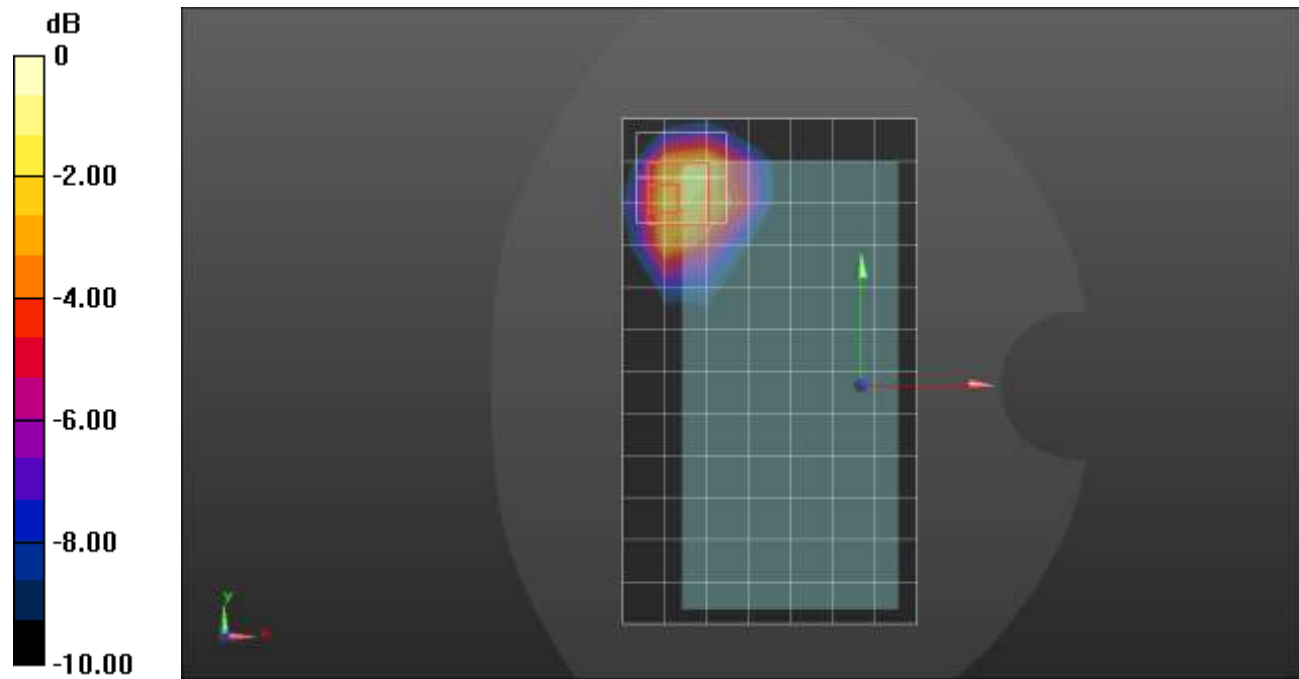
**SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.426 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

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

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

**n71 ANT 1**

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.851$  S/m;  $\epsilon_r = 40.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**LHS/Touch\_pi/2 BPSK RB 50,25 Ch 136100/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.142 W/kg

**LHS/Touch\_pi/2 BPSK RB 50,25 Ch 136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

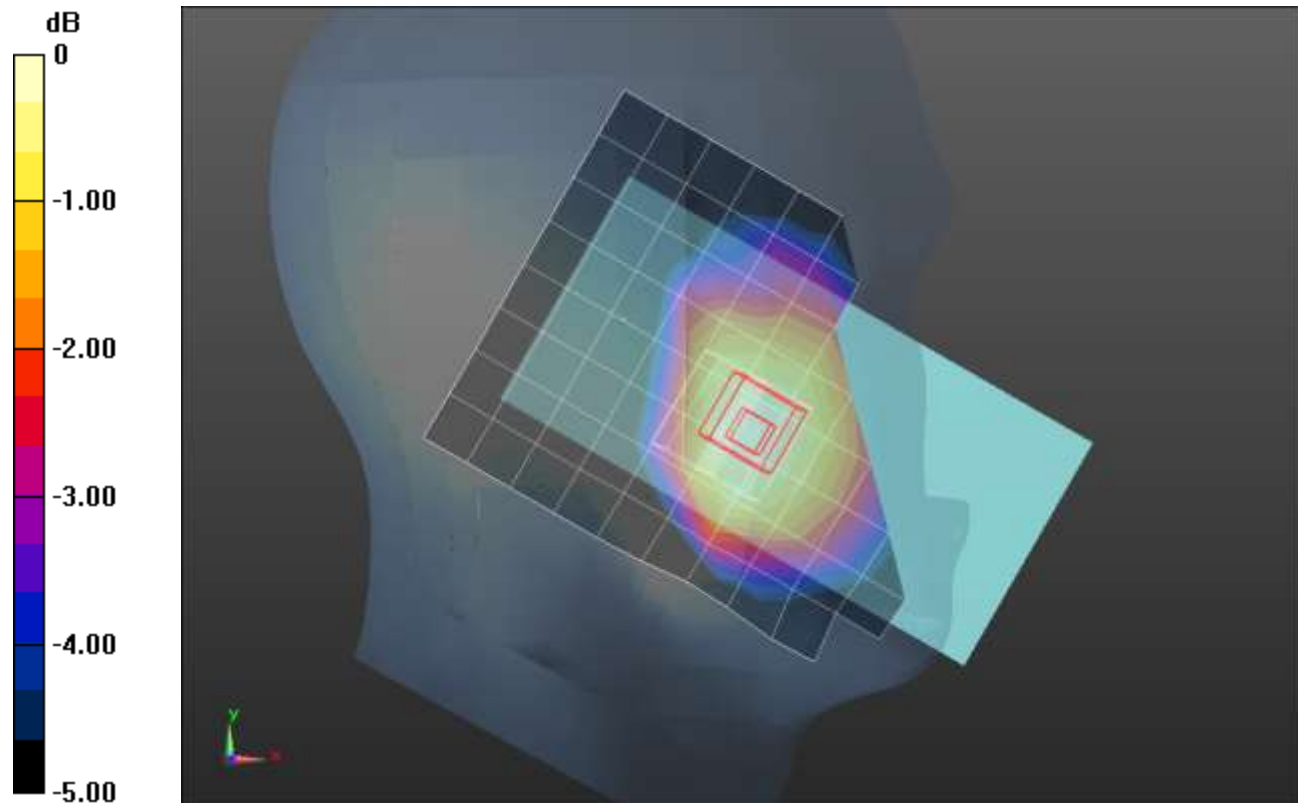
Reference Value = 13.28 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.097 W/kg**

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

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

**n71 ANT 1**

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.851$  S/m;  $\epsilon_r = 40.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/pi/2 BPSK RB 1,52 Ch 136100/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.756 W/kg

**Rear/pi/2 BPSK RB 1,52 Ch 136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.58 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.277 W/kg**

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

Maximum value of SAR (measured) = 0.845 W/kg



**n71 ANT 1**

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 41.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Edge 2/pi/2 BPSK RB 50,25 Ch 136100/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.928 W/kg

**Edge 2/pi/2 BPSK RB 50,25 Ch 136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

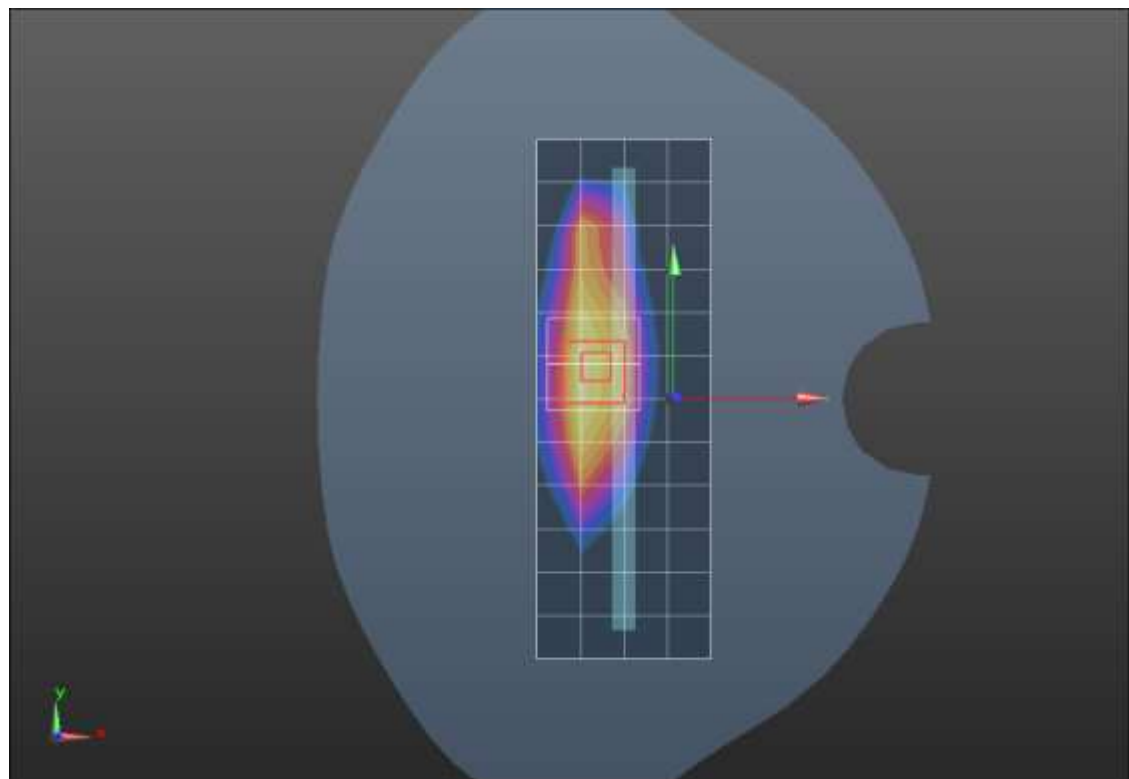
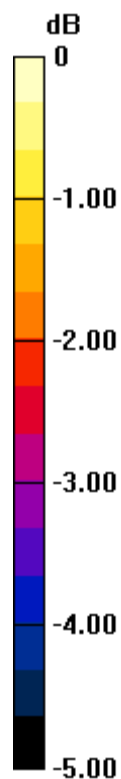
Reference Value = 35.87 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.452 W/kg**

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

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

**n71 ANT 2**

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.847$  S/m;  $\epsilon_r = 42.245$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**RHS/Touch\_pi/2 BPSK RB 50,25 Ch 136100/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**RHS/Touch\_pi/2 BPSK RB 50,25 Ch 136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

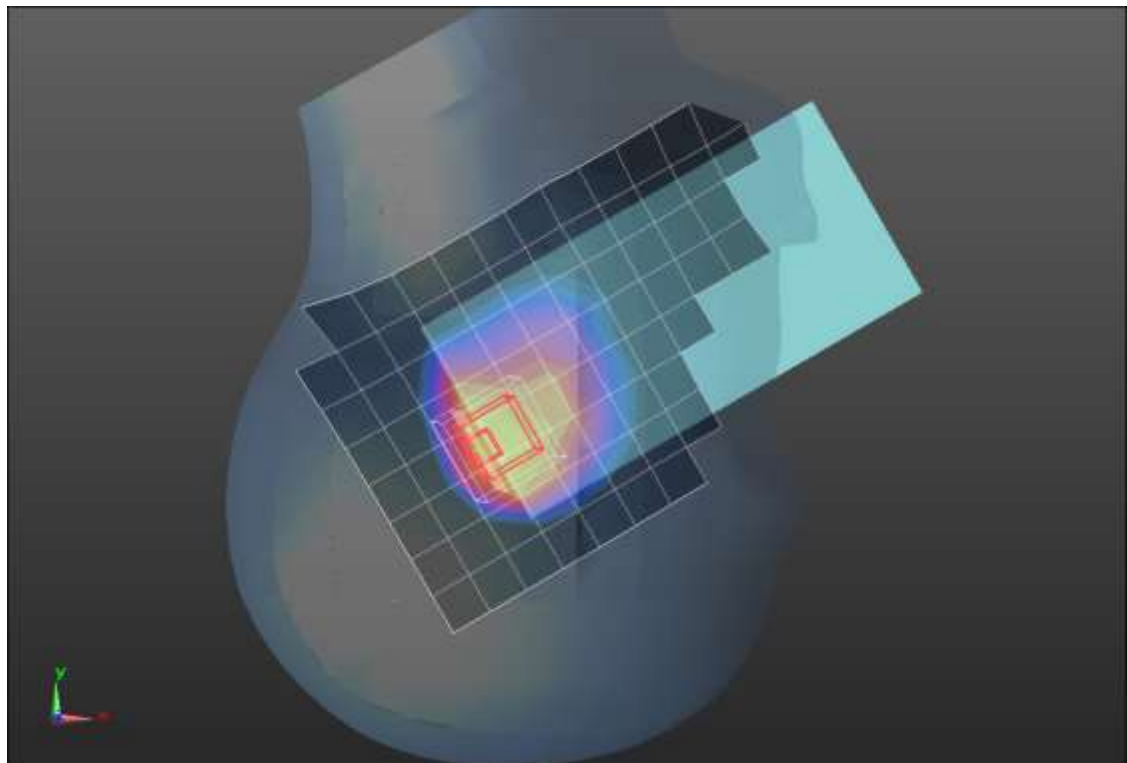
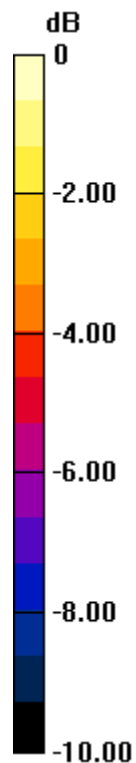
Reference Value = 32.42 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.434 W/kg**

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

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

**n71 ANT 2**

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.847$  S/m;  $\epsilon_r = 42.245$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 680.5 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Rear/pi/2 BPSK RB 1,52 Ch 136100/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**Rear/pi/2 BPSK RB 1,52 Ch 136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

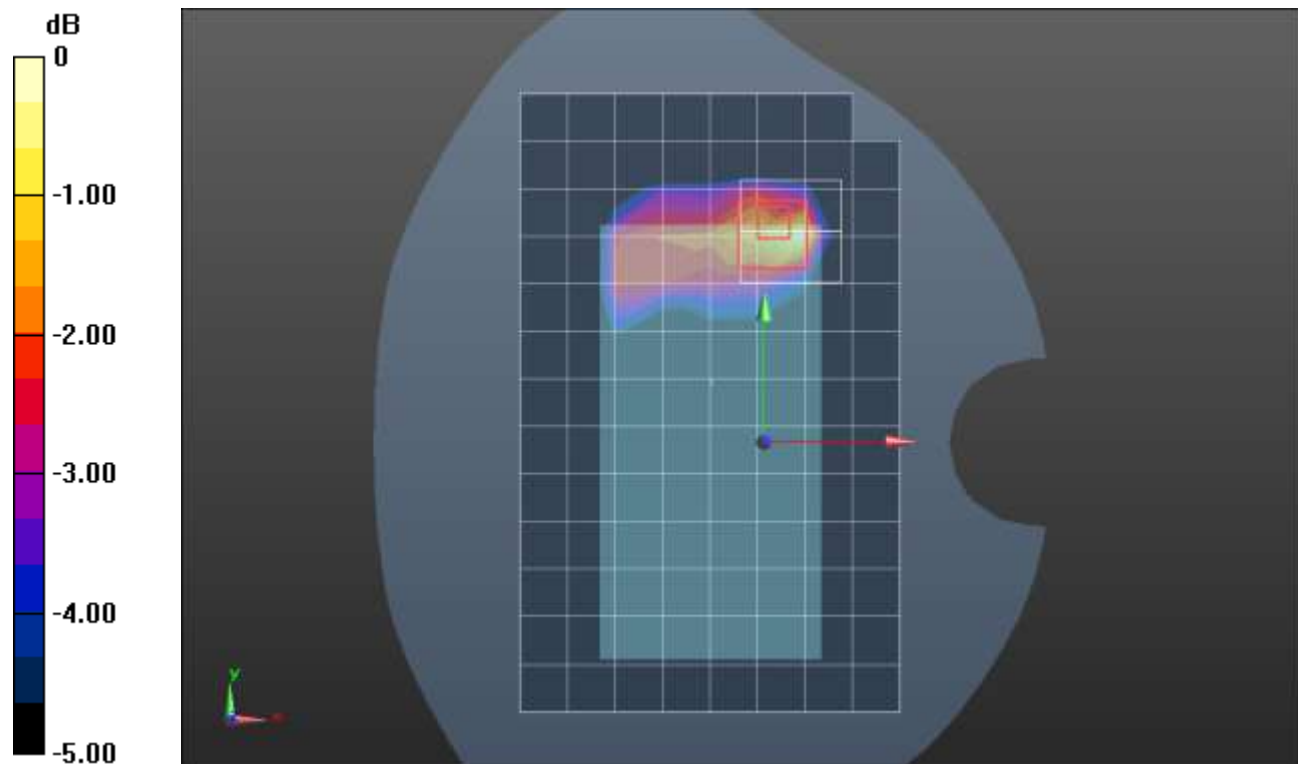
Reference Value = 33.21 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.307 W/kg**

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

Maximum value of SAR (measured) = 0.867 W/kg





**n77 Block A ANT 7**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.774$  S/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3499.98 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 135,67 Ch 633332/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.375 W/kg

**RHS/Touch\_QPSK RB 135,67 Ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 10.85 V/m; Power Drift = 0.16 dB

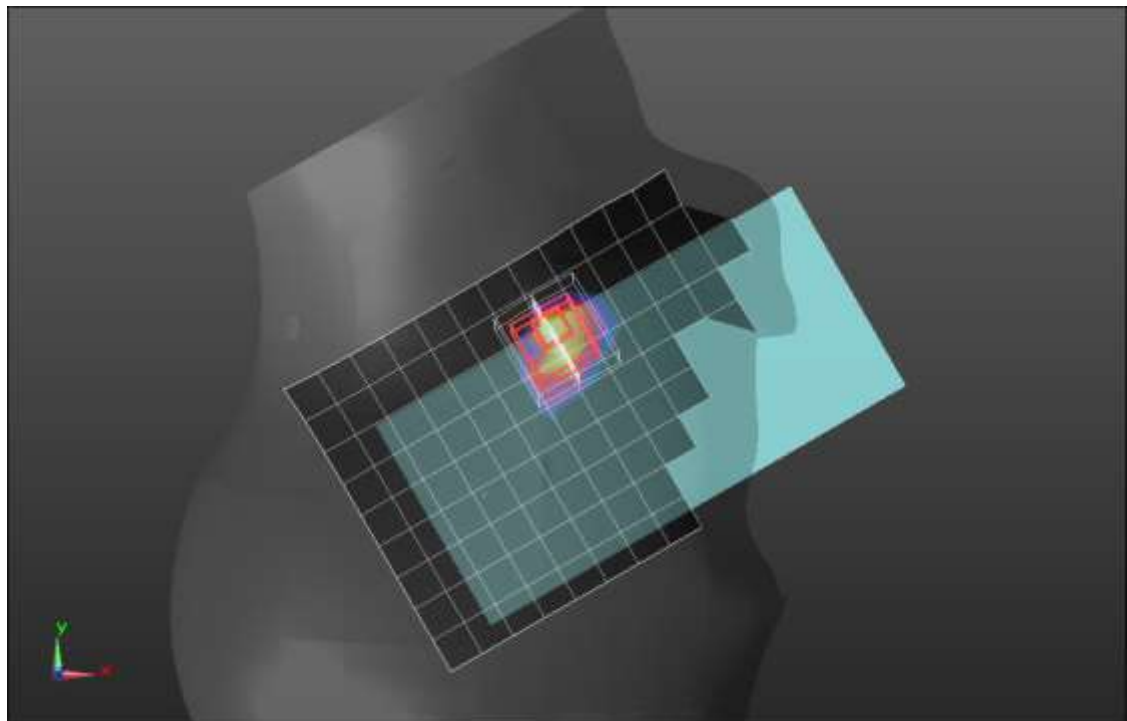
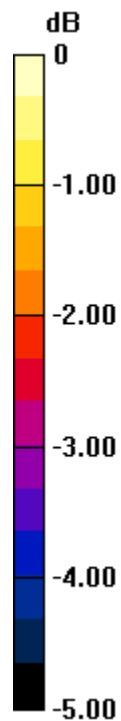
Peak SAR (extrapolated) = 0.496 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.107 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg



**n77 Block A ANT 7**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.843$  S/m;  $\epsilon_r = 38.941$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3499.98 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 135,67 ch 633332/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.36 W/kg

**Rear/QPSK RB 135,67 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 22.43 V/m; Power Drift = 0.02 dB

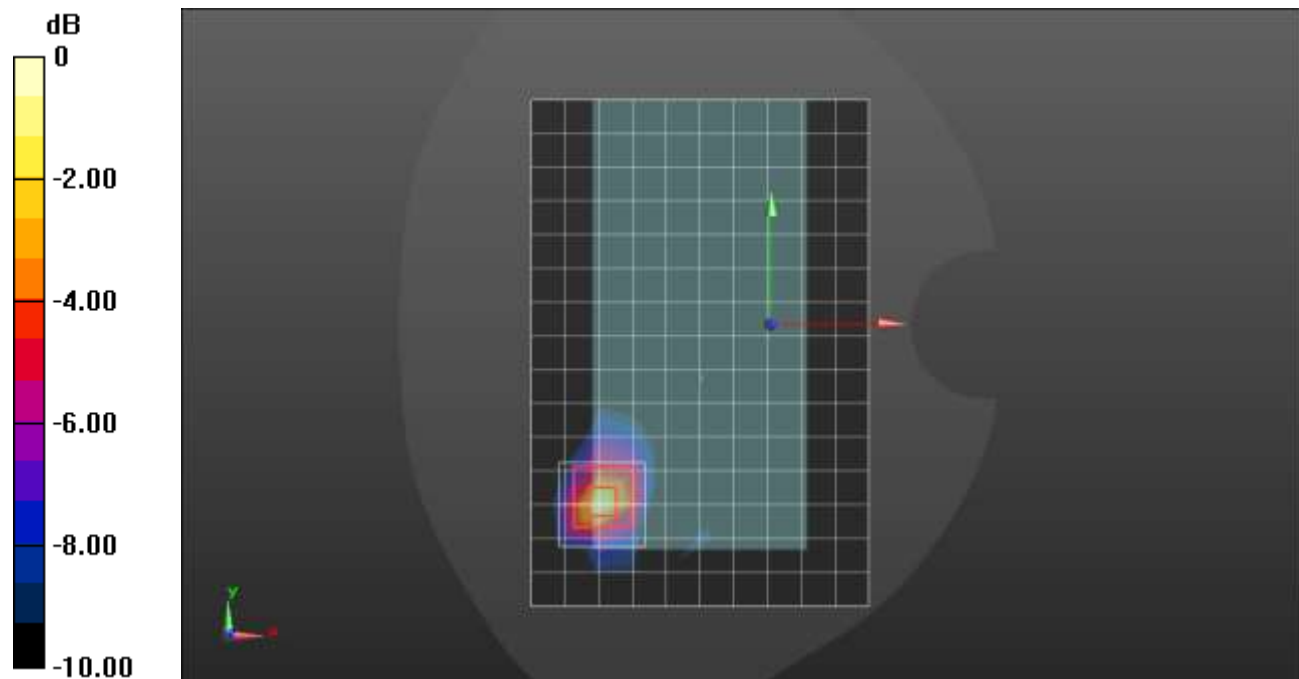
Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.279 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 44.6%

Maximum value of SAR (measured) = 1.36 W/kg



**n77 Block A ANT 7**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.817$  S/m;  $\epsilon_r = 39.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.92, 6.92, 6.92) @ 3499.98 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Edge 2/QPSK RB 1,136 ch 633332/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.922 W/kg

**Edge 2/QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 22.08 V/m; Power Drift = -0.17 dB

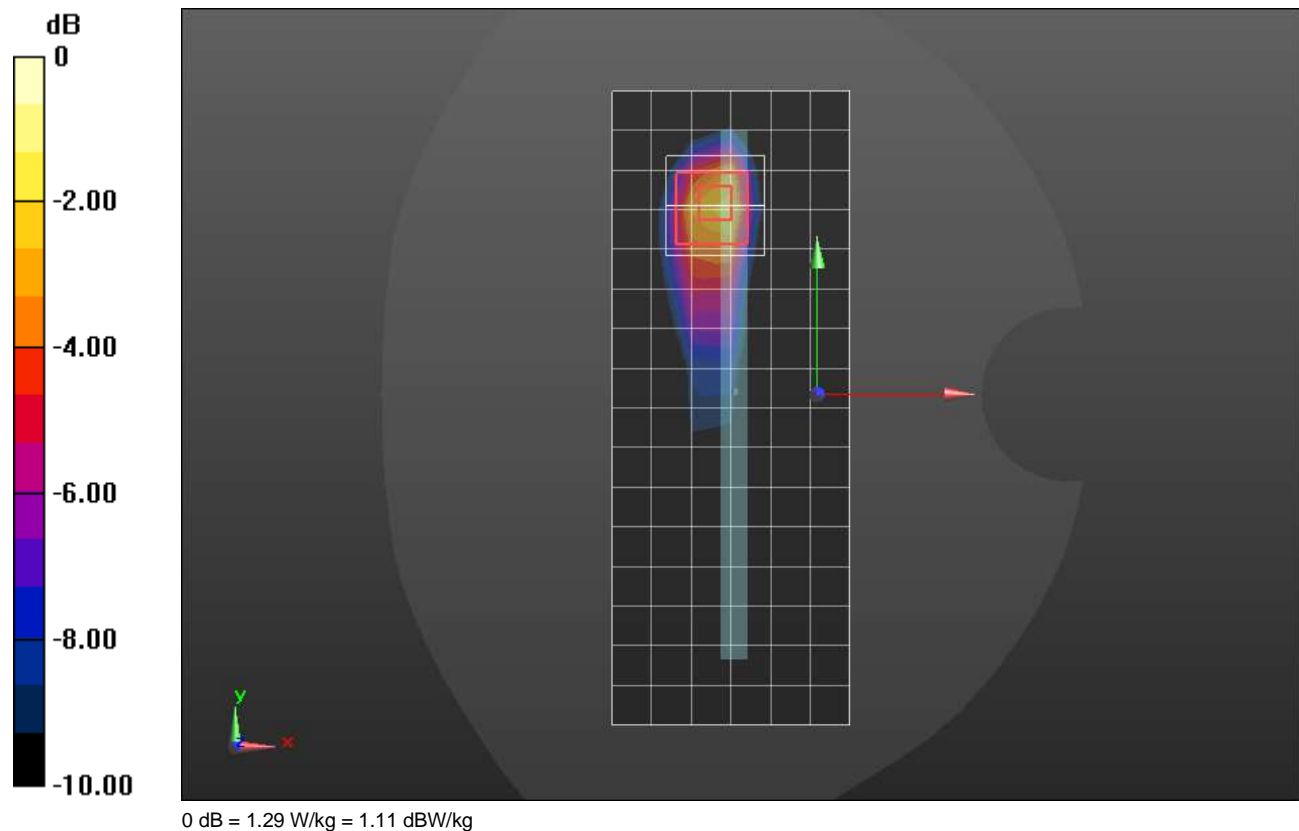
Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.312 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 1.29 W/kg



**n77 Block A ANT 8**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.778$  S/m;  $\epsilon_r = 37.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3499.98 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 1,136 ch 633332/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.865 W/kg

**RHS/Touch\_QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.81 V/m; Power Drift = 0.20 dB

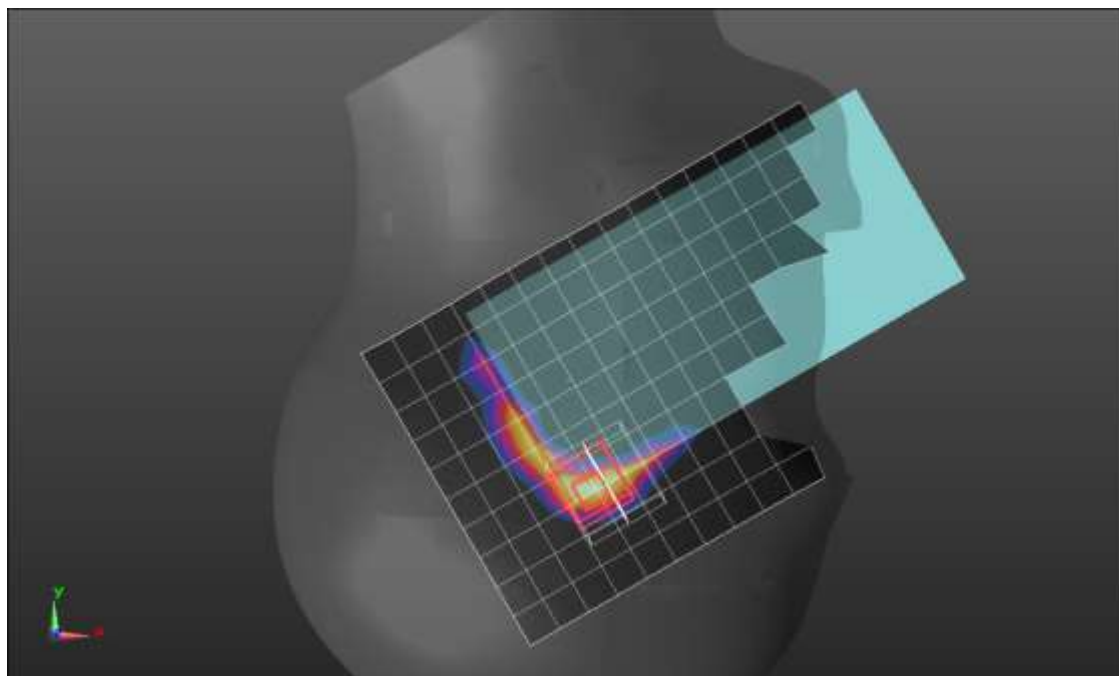
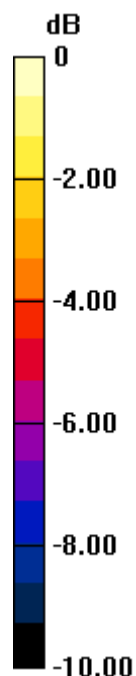
Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.177 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 37.7%

Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg

**n77 Block A ANT 8**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.843$  S/m;  $\epsilon_r = 38.941$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3499.98 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 135,67 ch 633332/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.706 W/kg

**Rear/QPSK RB 135,67 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.84 V/m; Power Drift = -0.03 dB

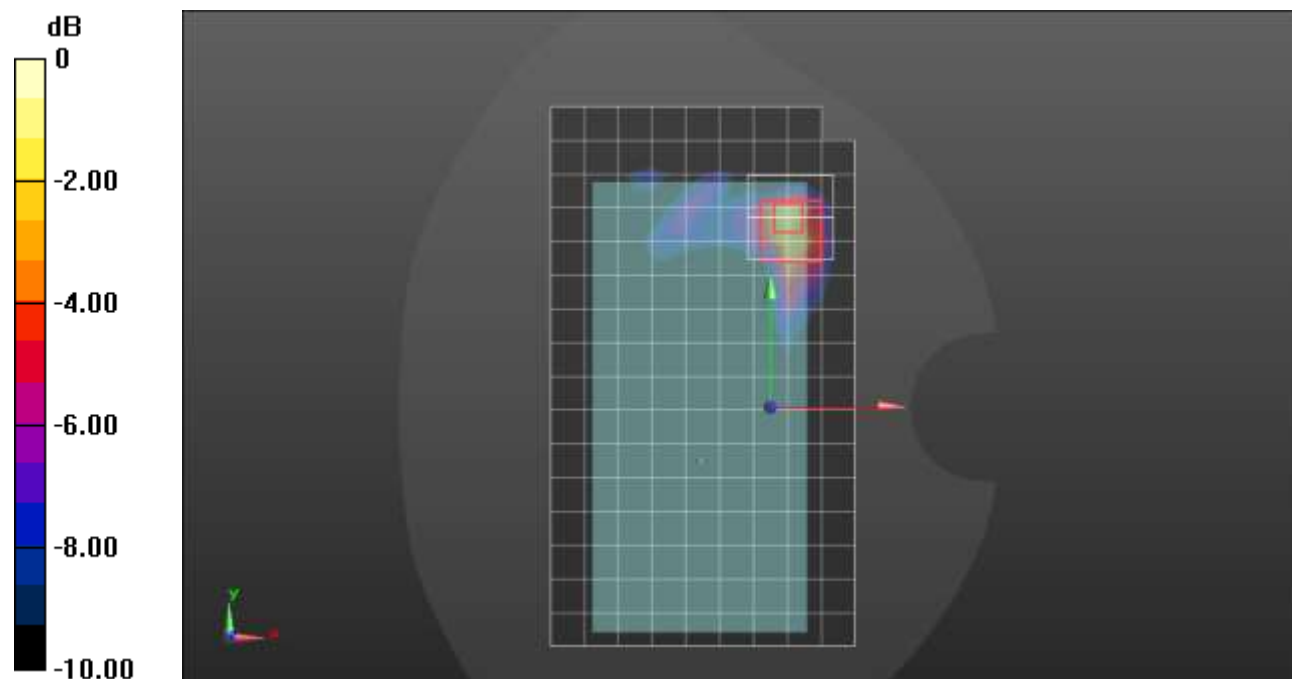
Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.194 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 35.9%

Maximum value of SAR (measured) = 0.855 W/kg



**n77 Block A ANT 8**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.817$  S/m;  $\epsilon_r = 39.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.92, 6.92, 6.92) @ 3499.98 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 4/QPSK RB 1,136 ch 633332/Area Scan (8x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.08 W/kg

**Edge 4/QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 21.02 V/m; Power Drift = -0.11 dB

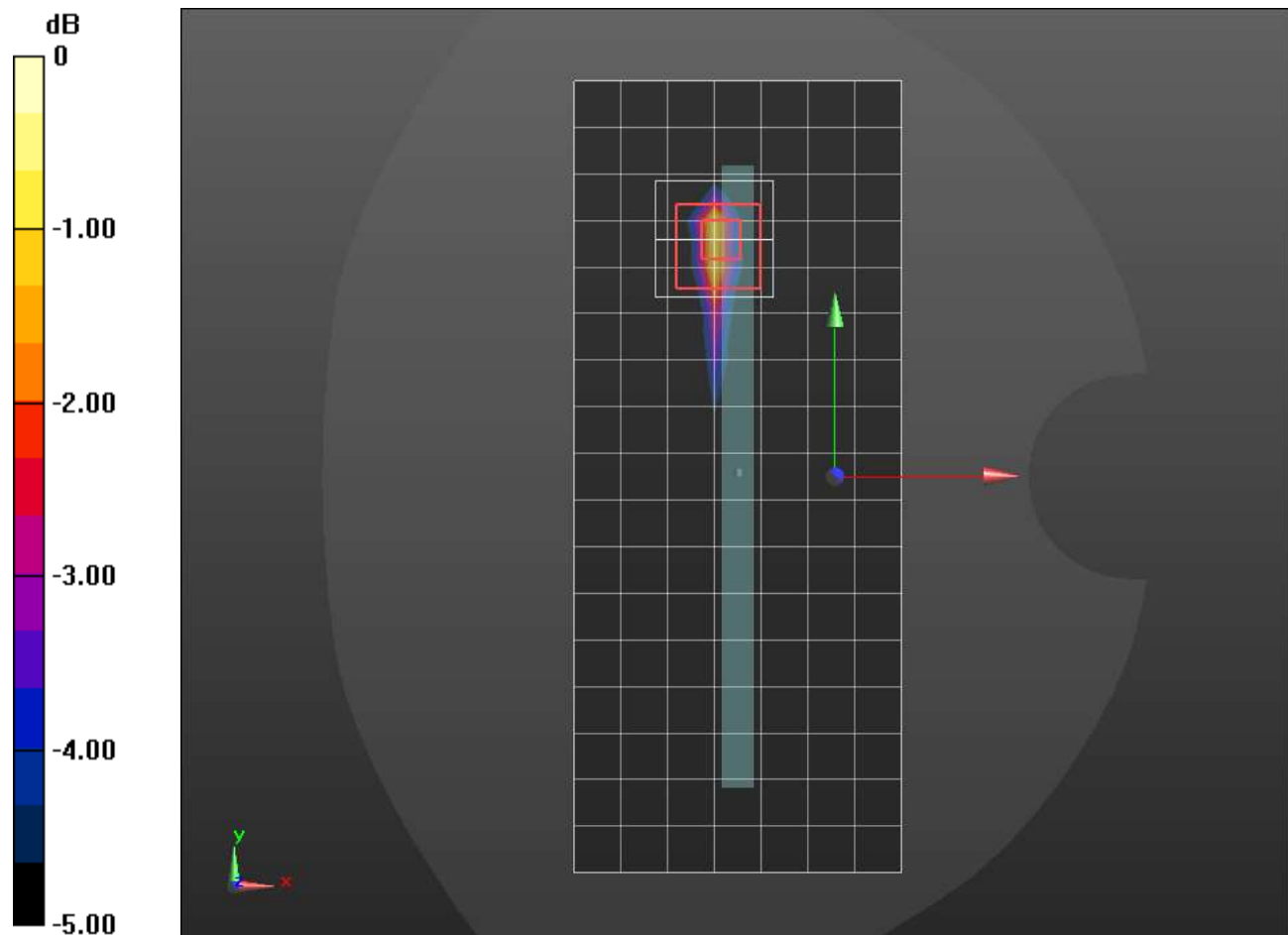
Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.277 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 43.6%

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



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

**n77 Block A ANT 9**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.777$  S/m;  $\epsilon_r = 37.44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3499.98 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

**LHS/Touch\_QPSK RB 1,136 Ch 633332/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.477 W/kg

**LHS/Touch\_QPSK RB 1,136 Ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 10.59 V/m; Power Drift = -0.02 dB

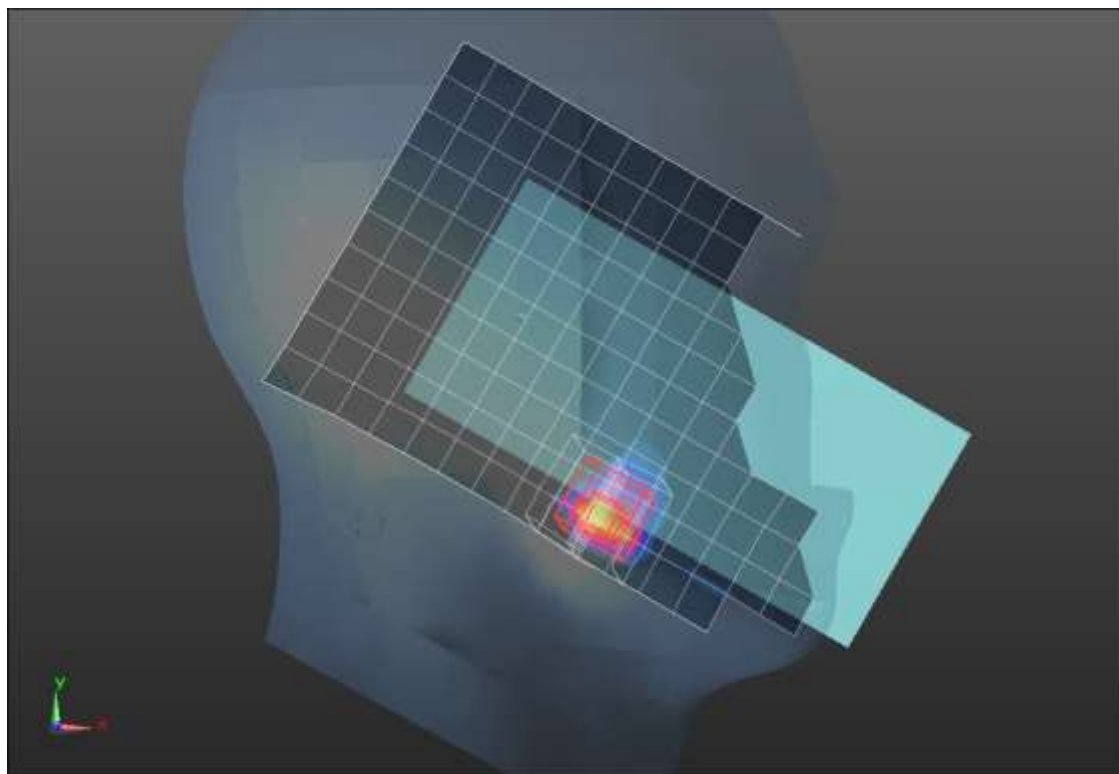
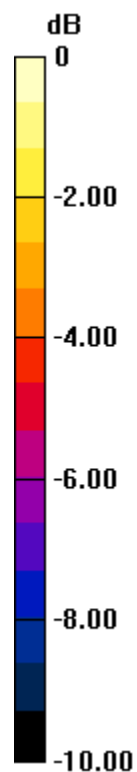
Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.096 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

**n77 Block A ANT 9**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.777$  S/m;  $\epsilon_r = 37.935$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.92, 6.92, 6.92) @ 3499.98 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Front/QPSK RB 1,136 ch 633332/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.454 W/kg

**Front/QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 14.44 V/m; Power Drift = 0.10 dB

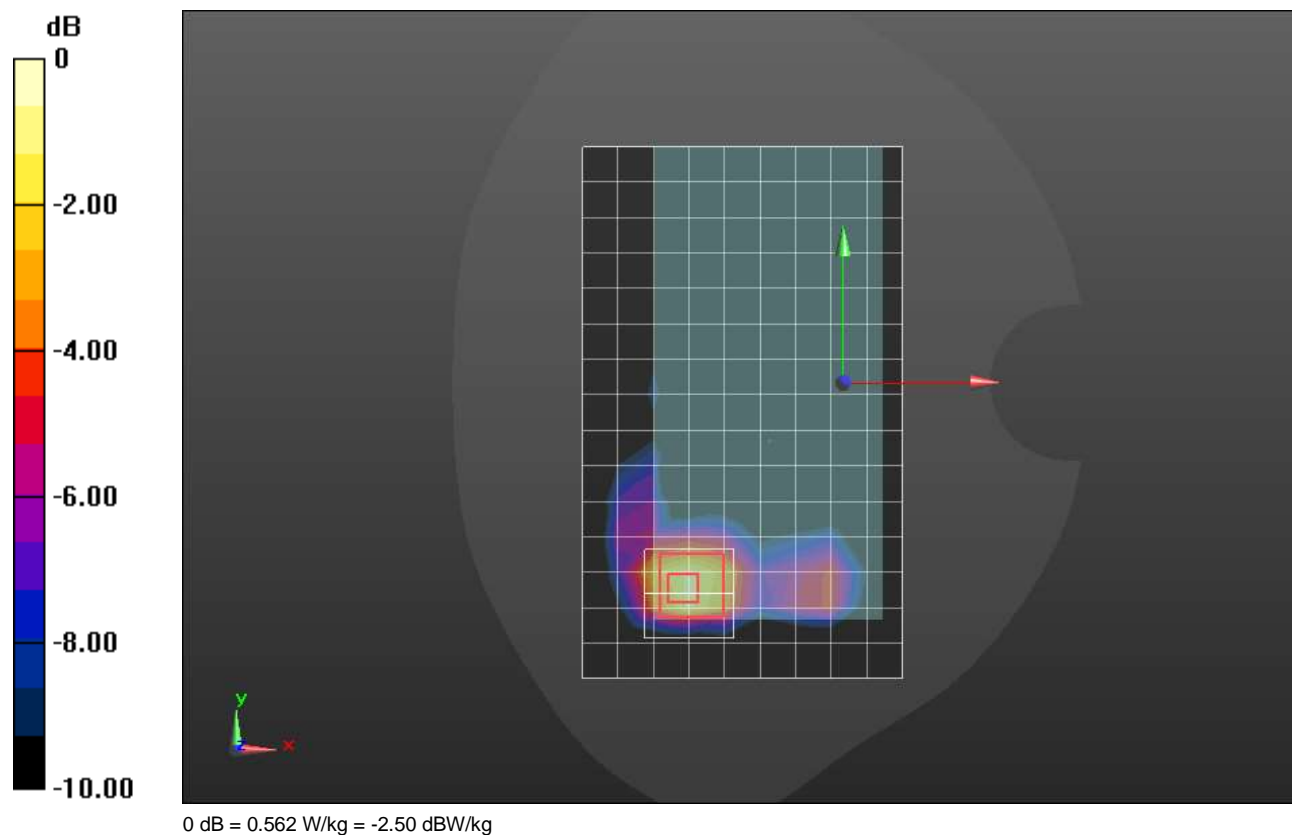
Peak SAR (extrapolated) = 0.827 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.165 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 0.562 W/kg





**n77 Block A ANT 9**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.817$  S/m;  $\epsilon_r = 39.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.92, 6.92, 6.92) @ 3499.98 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Edge 4/QPSK RB 1,136 ch 633332/Area Scan (7x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.936 W/kg

**Edge 4/QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 20.18 V/m; Power Drift = -0.13 dB

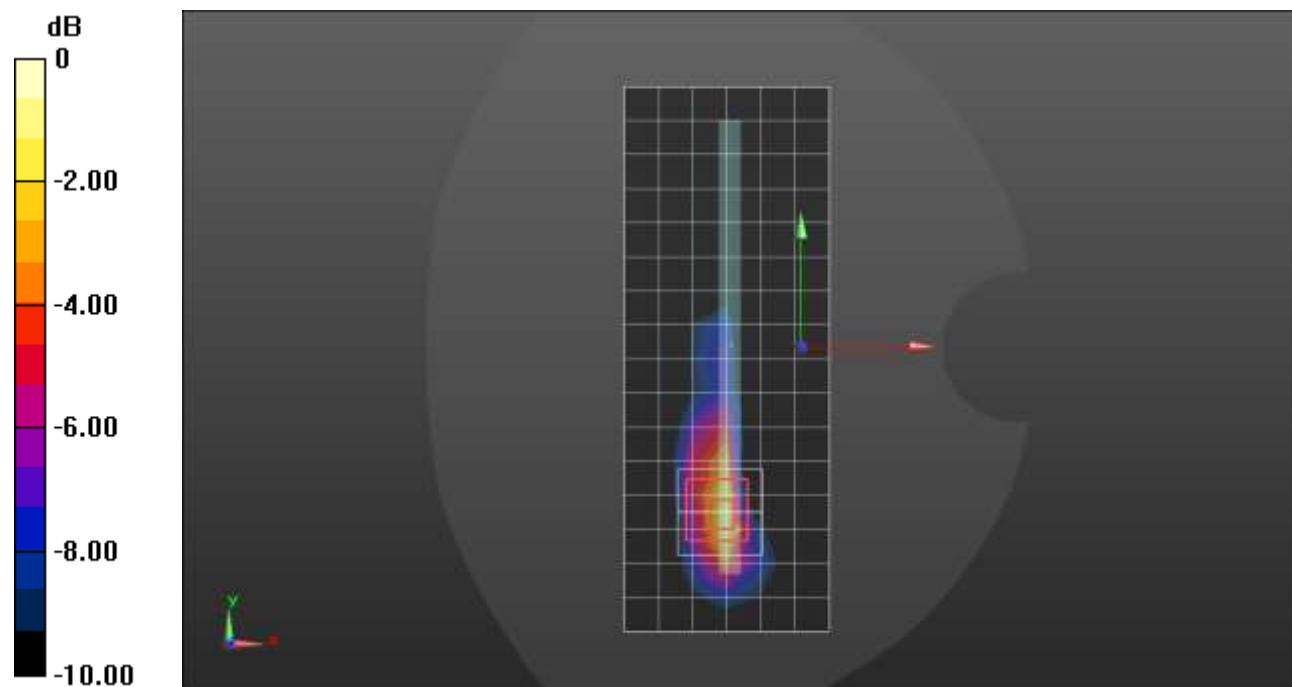
Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.239 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 44.1%

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

**n77 Block A ANT 4**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.843$  S/m;  $\epsilon_r = 38.941$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3499.98 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**LHS/Touch\_QPSK RB 1,136 ch 633332/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.20 W/kg

**LHS/Touch\_QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 21.11 V/m; Power Drift = -0.16 dB

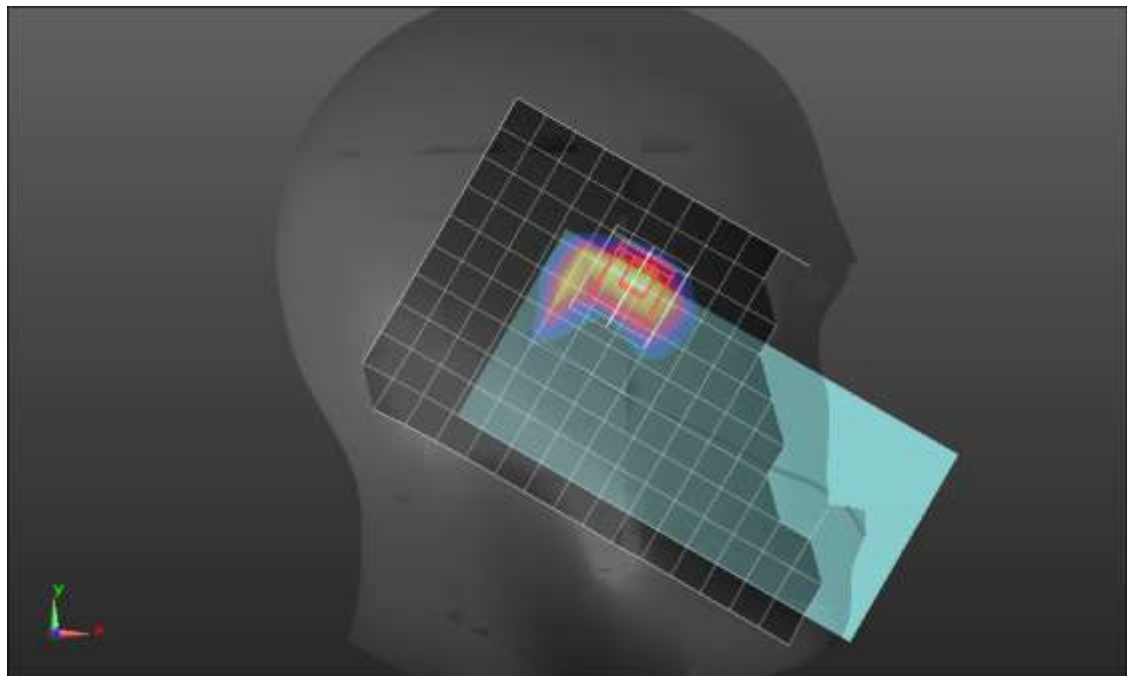
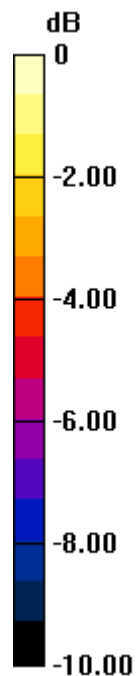
Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.306 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.3%

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

**n77 Block A ANT 4**

Frequency: 3499.98 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.772$  S/m;  $\epsilon_r = 39.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3499.98 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 1,136 ch 633332/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.16 W/kg

**Rear/QPSK RB 1,136 ch 633332/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 23.56 V/m; Power Drift = -0.05 dB

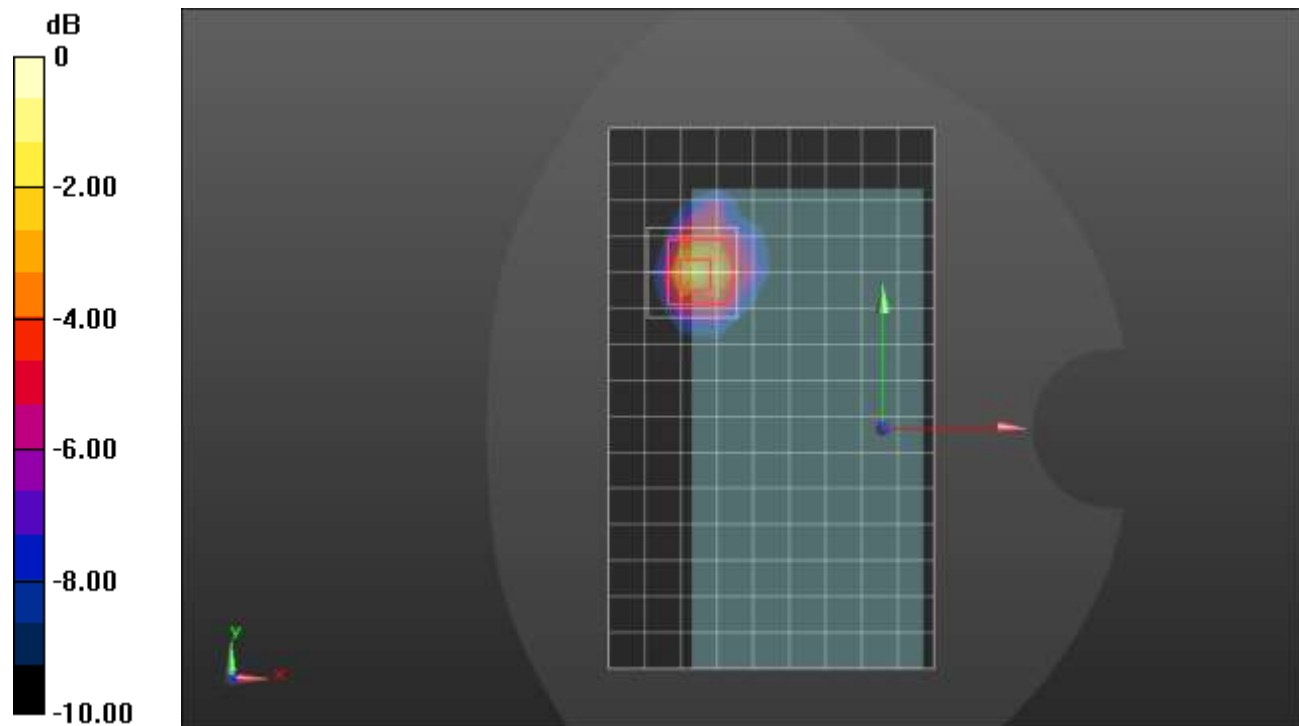
Peak SAR (extrapolated) = 2.53 W/kg

**SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.317 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 1.47 W/kg



**n77 Block C ANT 7**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.1$  S/m;  $\epsilon_r = 38.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.34, 6.34, 6.34) @ 3840 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 135,67 Ch 656000/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.111 W/kg

**RHS/Touch\_QPSK RB 135,67 Ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.147 V/m; Power Drift = -0.03 dB

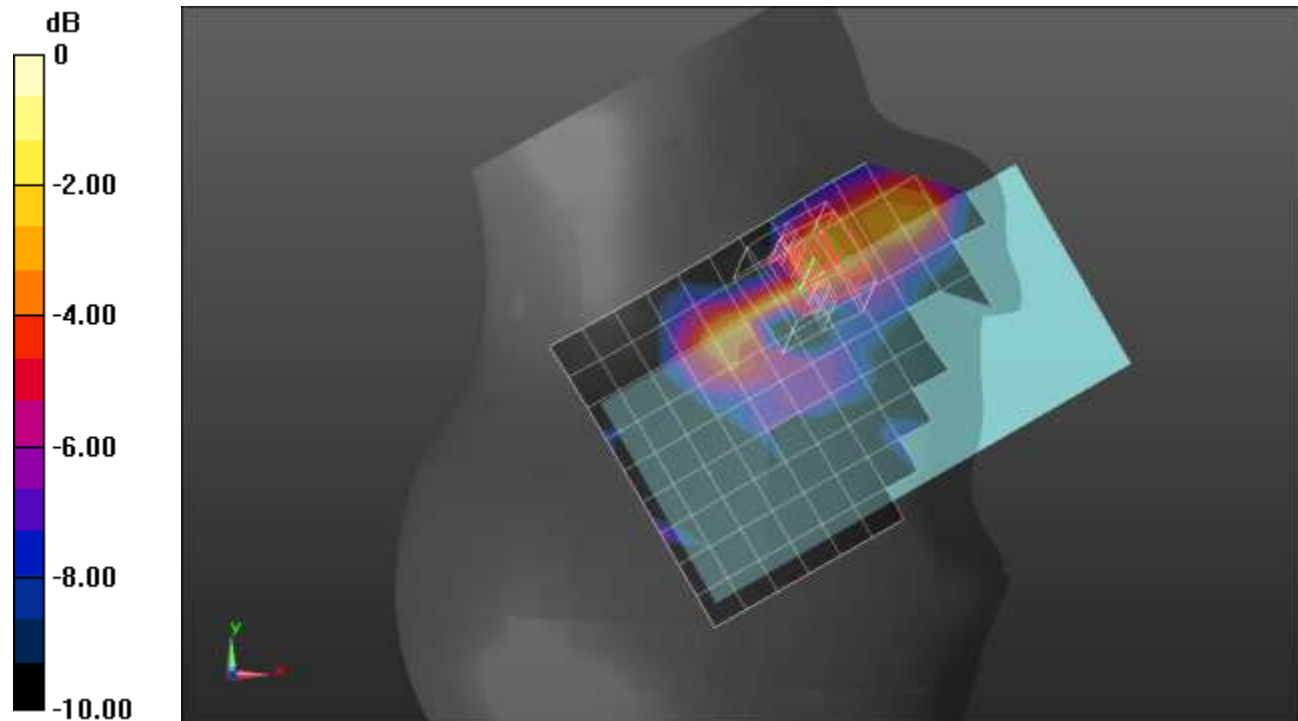
Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.036 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg

**n77 Block C ANT 7**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.143$  S/m;  $\epsilon_r = 38.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.76, 6.76, 6.76) @ 3840 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/QPSK RB 1,136 ch 656000/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.642 W/kg

**Rear/QPSK RB 1,136 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 15.62 V/m; Power Drift = -0.12 dB

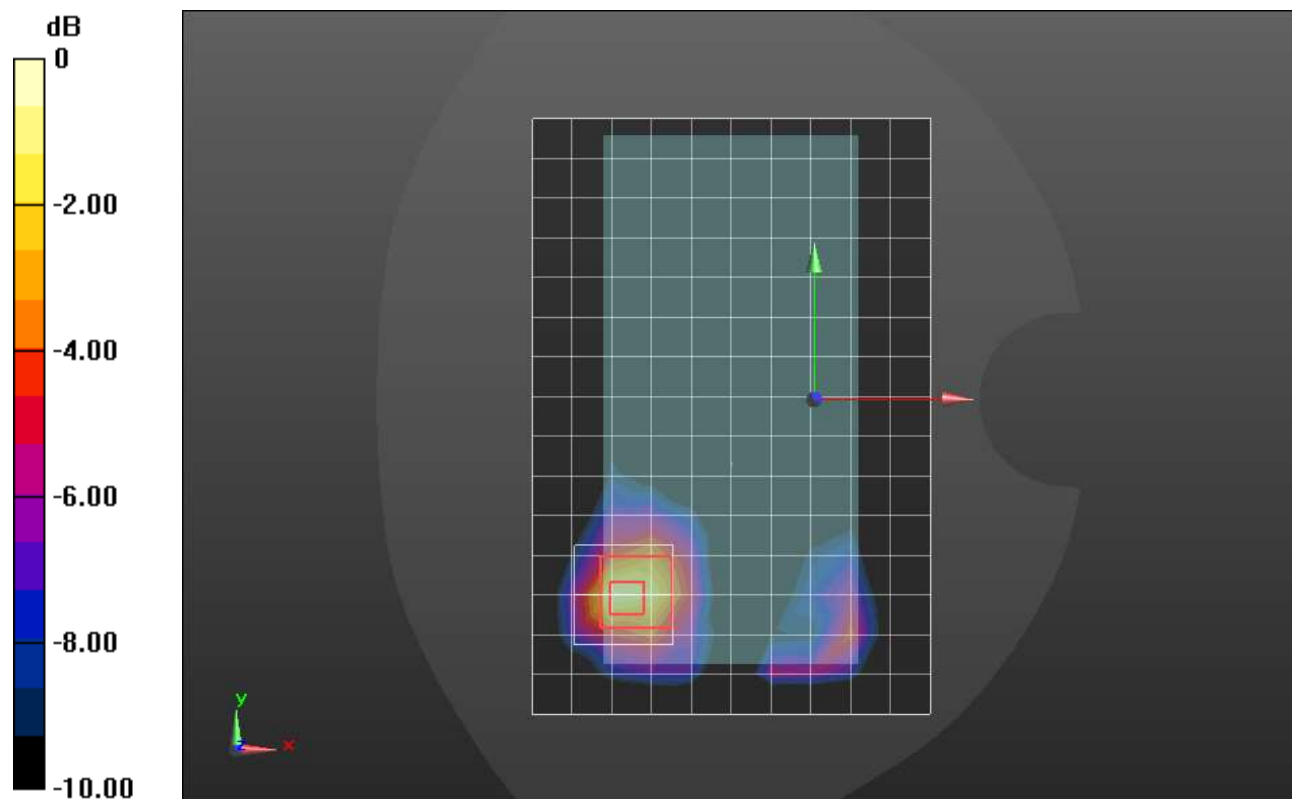
Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.187 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

**n77 Block C ANT 8**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.14$  S/m;  $\epsilon_r = 39.227$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.34, 6.34, 6.34) @ 3840 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**RHS/Touch\_QPSK RB 1,136 ch 656000/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.610 W/kg

**RHS/Touch\_QPSK RB 1,136 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 15.05 V/m; Power Drift = -0.06 dB

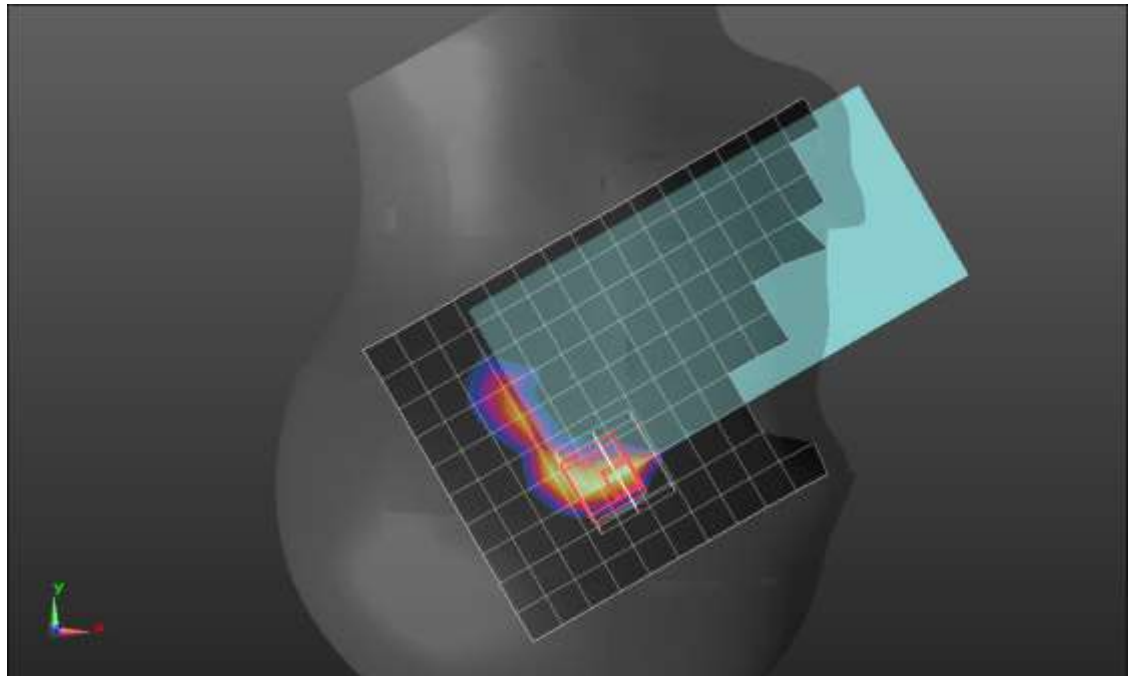
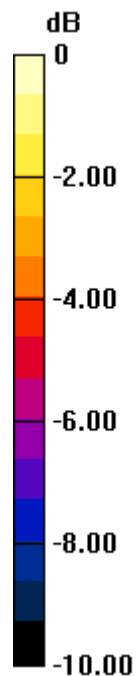
Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.105 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 33.9%

Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

**n77 Block C ANT 8**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.143$  S/m;  $\epsilon_r = 38.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.76, 6.76, 6.76) @ 3840 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 135,67 ch 656000/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.450 W/kg

**Rear/QPSK RB 135,67 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 13.33 V/m; Power Drift = -0.09 dB

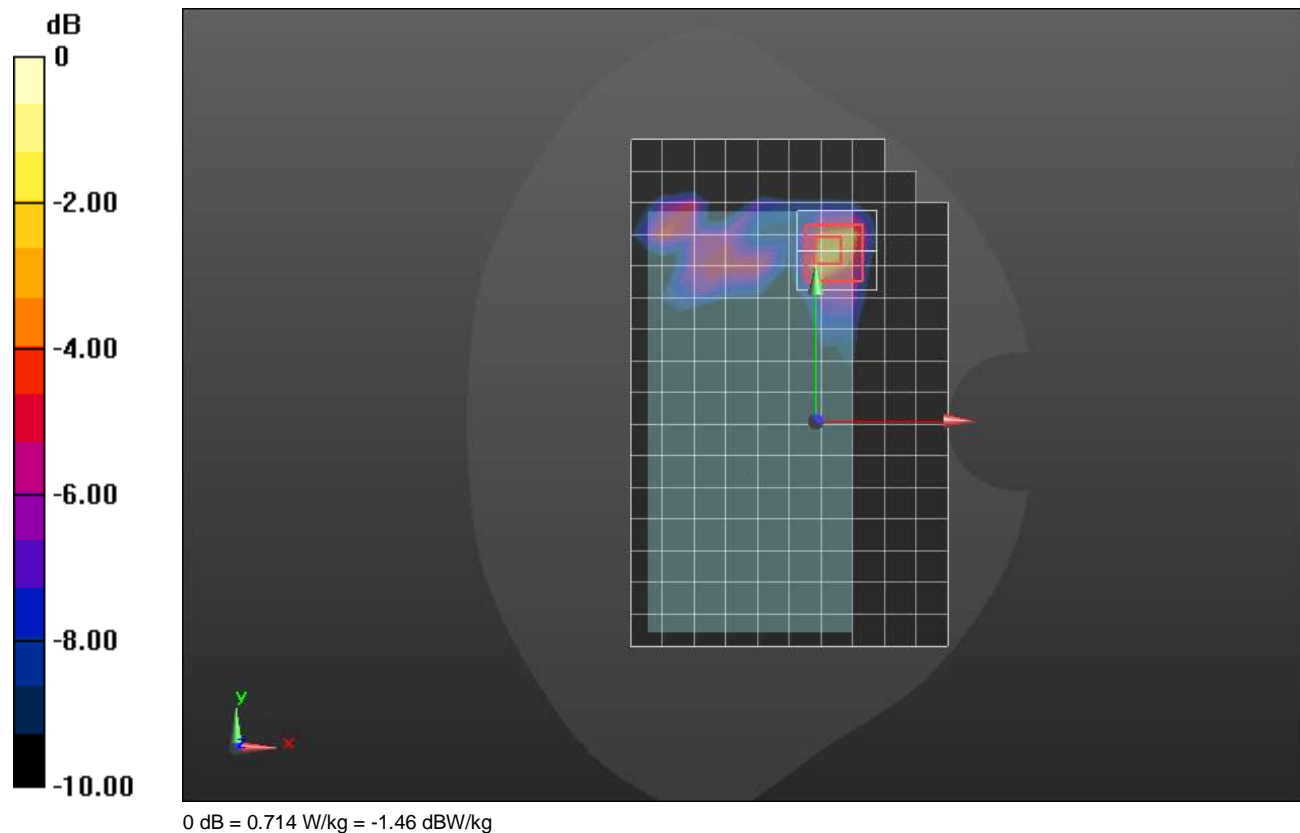
Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.129 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 34.8%

Maximum value of SAR (measured) = 0.714 W/kg





**n77 Block C ANT 8**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.143$  S/m;  $\epsilon_r = 38.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.76, 6.76, 6.76) @ 3840 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Edge 4/QPSK RB 135,67 ch 656000/Area Scan (8x18x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.737 W/kg

**Edge 4/QPSK RB 135,67 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 15.63 V/m; Power Drift = -0.18 dB

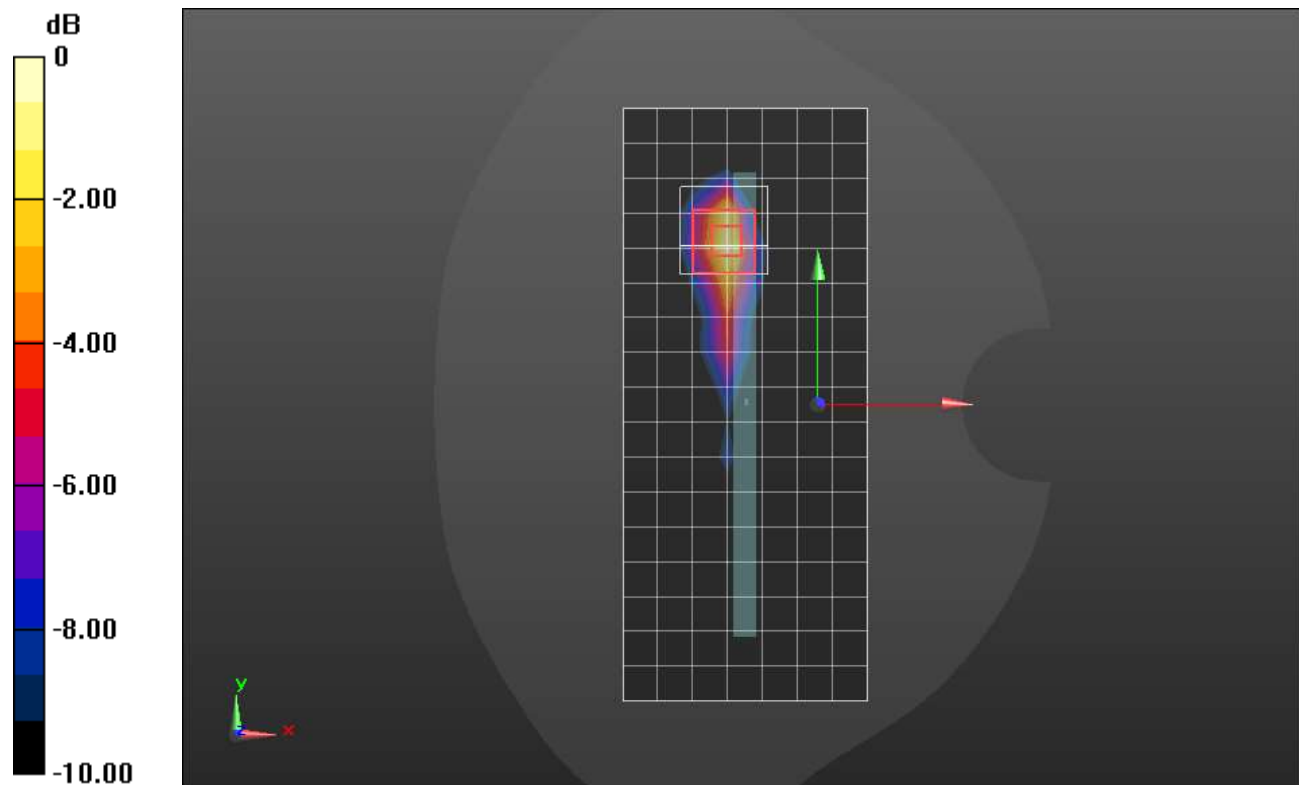
Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.166 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 0.737 W/kg



0 dB = 0.737 W/kg = -1.33 dBW/kg

**n77 Block C ANT 9**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.1$  S/m;  $\epsilon_r = 38.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.34, 6.34, 6.34) @ 3840 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_pi/2 BPSK RB 135,67 ch 656000/Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.110 W/kg

**LHS/Touch\_pi/2 BPSK RB 135,67 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.382 V/m; Power Drift = -0.16 dB

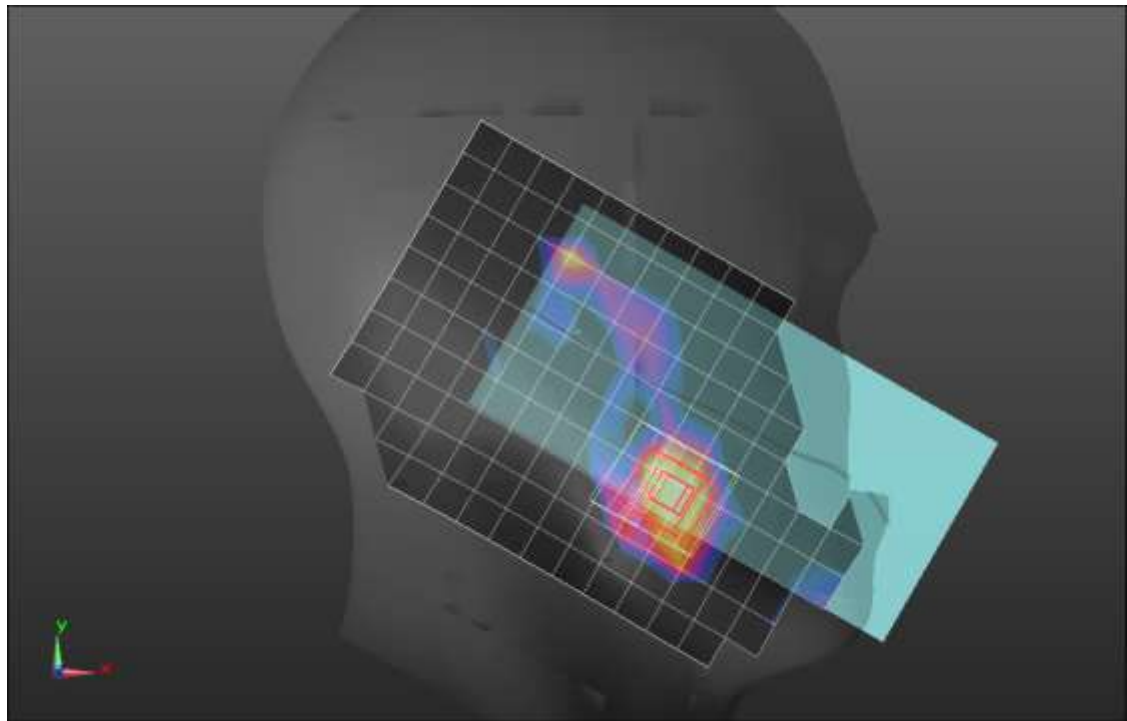
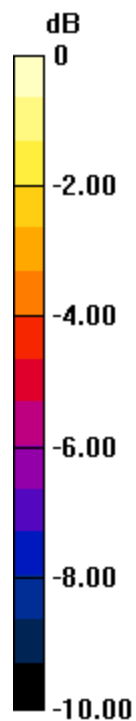
Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.024 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 43.9%

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

**n77 Block C ANT 9**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.143$  S/m;  $\epsilon_r = 38.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.76, 6.76, 6.76) @ 3840 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

**Rear/pi/2 BPSK RB 135,67 ch 656000/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.910 W/kg

**Rear/pi/2 BPSK RB 135,67 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.90 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.280 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.936 W/kg



**n77 Block C ANT 4**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.174$  S/m;  $\epsilon_r = 38.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.34, 6.34, 6.34) @ 3840 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**LHS/Touch\_QPSK RB 1,136 Ch 656000/Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.992 W/kg

**LHS/Touch\_QPSK RB 1,136 Ch 656000/Zoom Scan (8x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 16.11 V/m; Power Drift = 0.07 dB

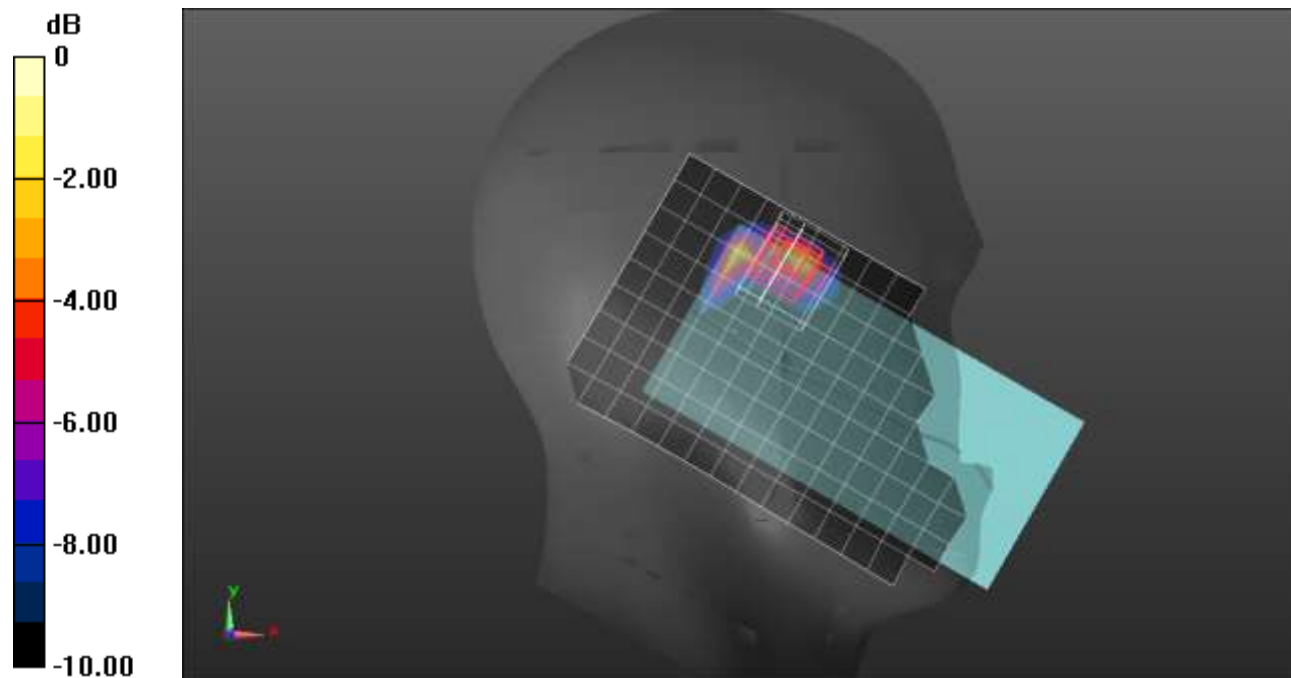
Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.199 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 36.1%

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



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

**n77 Block C ANT 4**

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.112$  S/m;  $\epsilon_r = 39.357$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.76, 6.76, 6.76) @ 3840 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

**Rear/QPSK RB 135,67 ch 656000/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.36 W/kg

**Rear/QPSK RB 135,67 ch 656000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 22.22 V/m; Power Drift = 0.05 dB

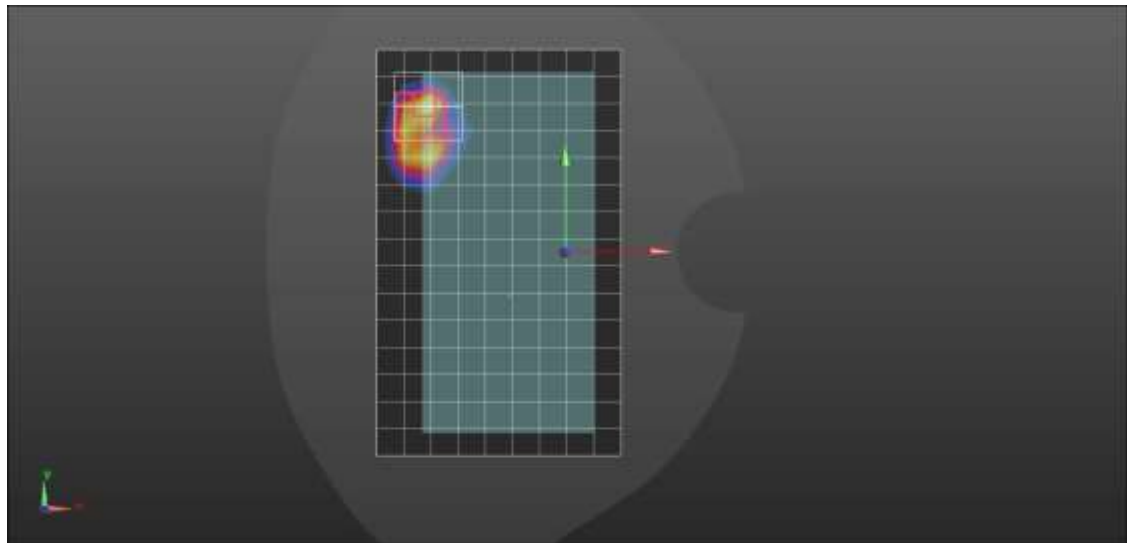
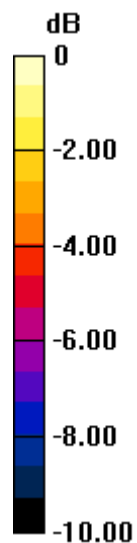
Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.291 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

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



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

## MSS ANT 1

Frequency: 1610.1 MHz; Duty Cycle: 1:2.61096; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1610.1$  MHz;  $\sigma = 1.245$  S/m;  $\epsilon_r = 39.183$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(7.68, 7.68, 7.68) @ 1610.1 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/1-PRB SC-FDMA\_Zone 0\_ Ch 262316/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.951 W/kg

**Rear/1-PRB SC-FDMA\_Zone 0\_ Ch 262316/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.87 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.35 W/kg

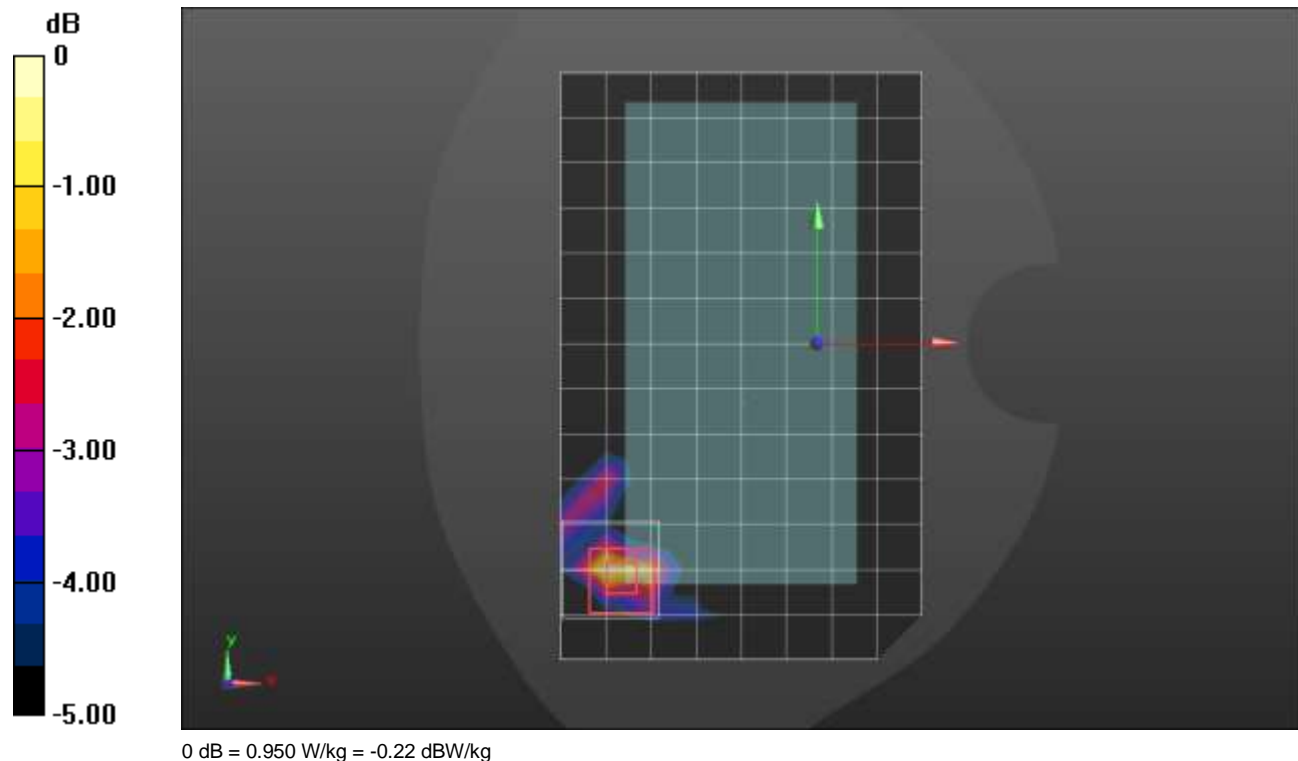
**SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.362 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

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

Maximum value of SAR (measured) = 0.950 W/kg



## MSS ANT 1

Frequency: 1617.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1617.6$  MHz;  $\sigma = 1.258$  S/m;  $\epsilon_r = 39.062$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(7.68, 7.68, 7.68) @ 1617.6 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 3/1-PRB SC-FDMA\_Zone 0\_ Ch 262391 /Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.707 W/kg

**Edge 3/1-PRB SC-FDMA\_Zone 0\_ Ch 262391 Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.64 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.40 W/kg

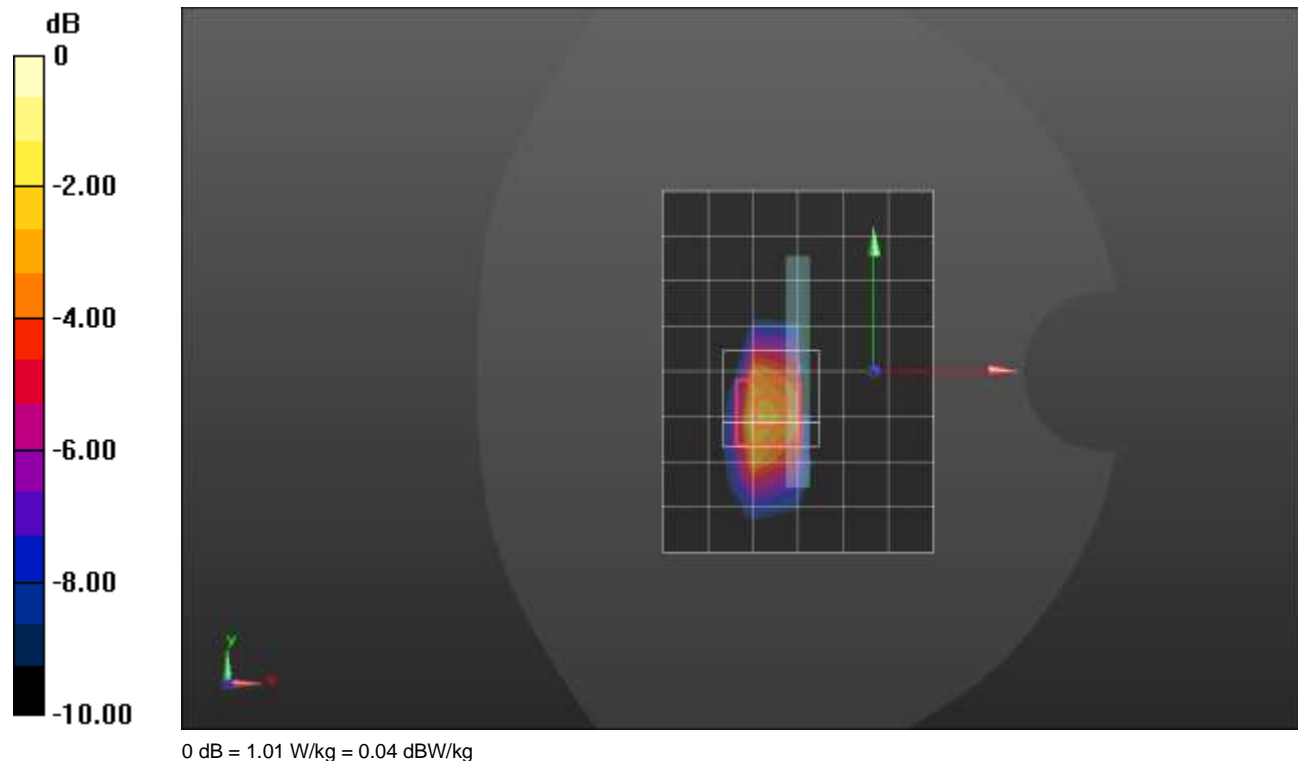
**SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.372 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

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

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



**MSS ANT 4**

Frequency: 1617.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1617.6$  MHz;  $\sigma = 1.258$  S/m;  $\epsilon_r = 39.062$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(7.68, 7.68, 7.68) @ 1617.6 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Rear/1-PRB SC-FDMA\_Zone 0\_ Ch 262391/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.994 W/kg

**Rear/1-PRB SC-FDMA\_Zone 0\_ Ch 262391/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.54 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.57 W/kg

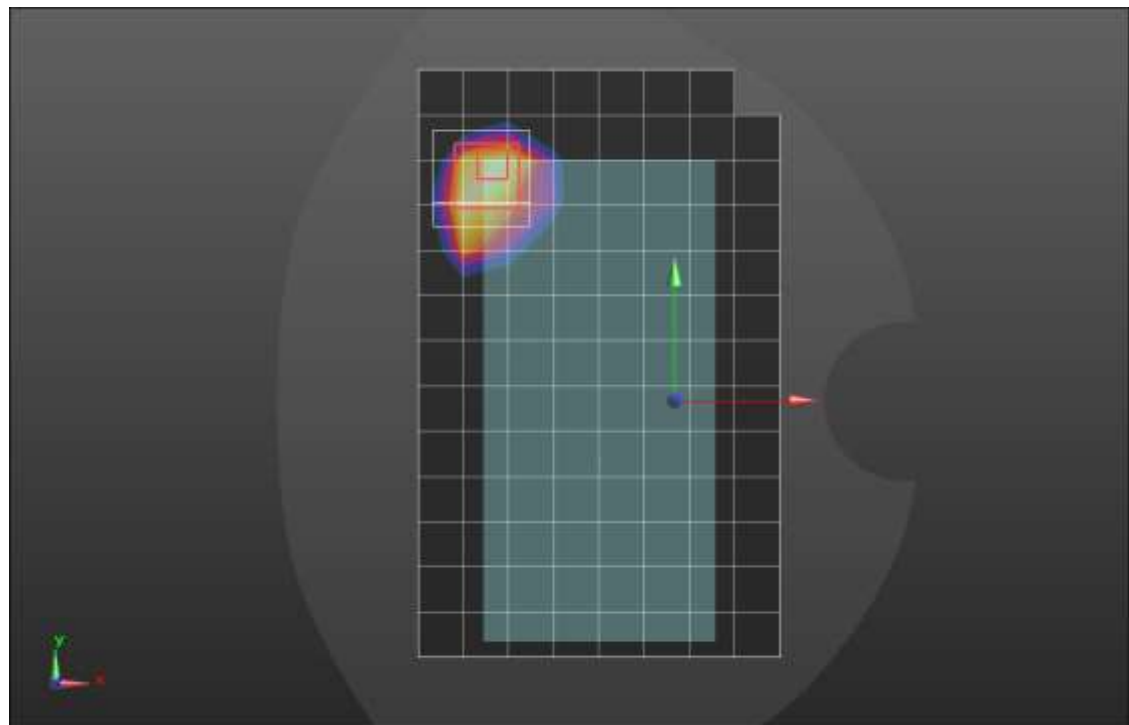
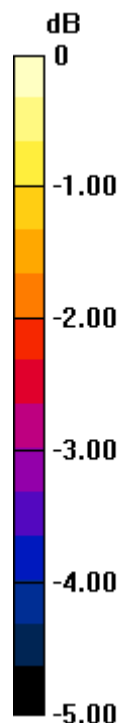
**SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.400 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 54%

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

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



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



## MSS ANT 4

Frequency: 1617.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1617.6$  MHz;  $\sigma = 1.258$  S/m;  $\epsilon_r = 39.062$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(7.68, 7.68, 7.68) @ 1617.6 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

**Edge 2/1-PRB SC-FDMA\_Zone 0\_ Ch 262391/Area Scan (6x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.848 W/kg

**Edge 2/1-PRB SC-FDMA\_Zone 0\_ Ch 262391/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.53 W/kg

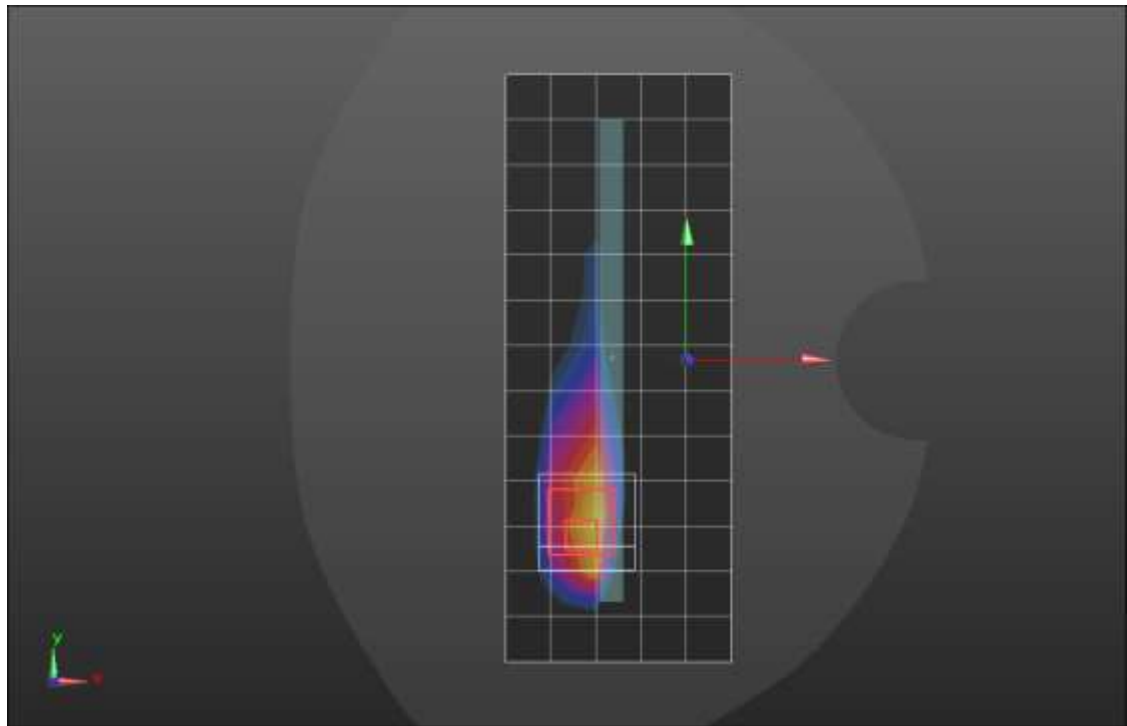
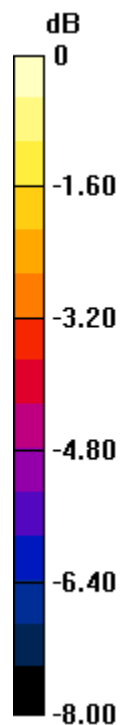
**SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.396 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

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

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg