

n48 ANT 7

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 2.999$ S/m; $\epsilon_r = 39.299$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 7/16/2020
- Probe: EX3DV4 - SN3990; ConvF(7, 7, 7) @ 3643.32 MHz; Calibrated: 2/5/2021
- 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 1,52 Ch 642888/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.255 W/kg

RHS/Touch_QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 8.277 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.330 W/kg

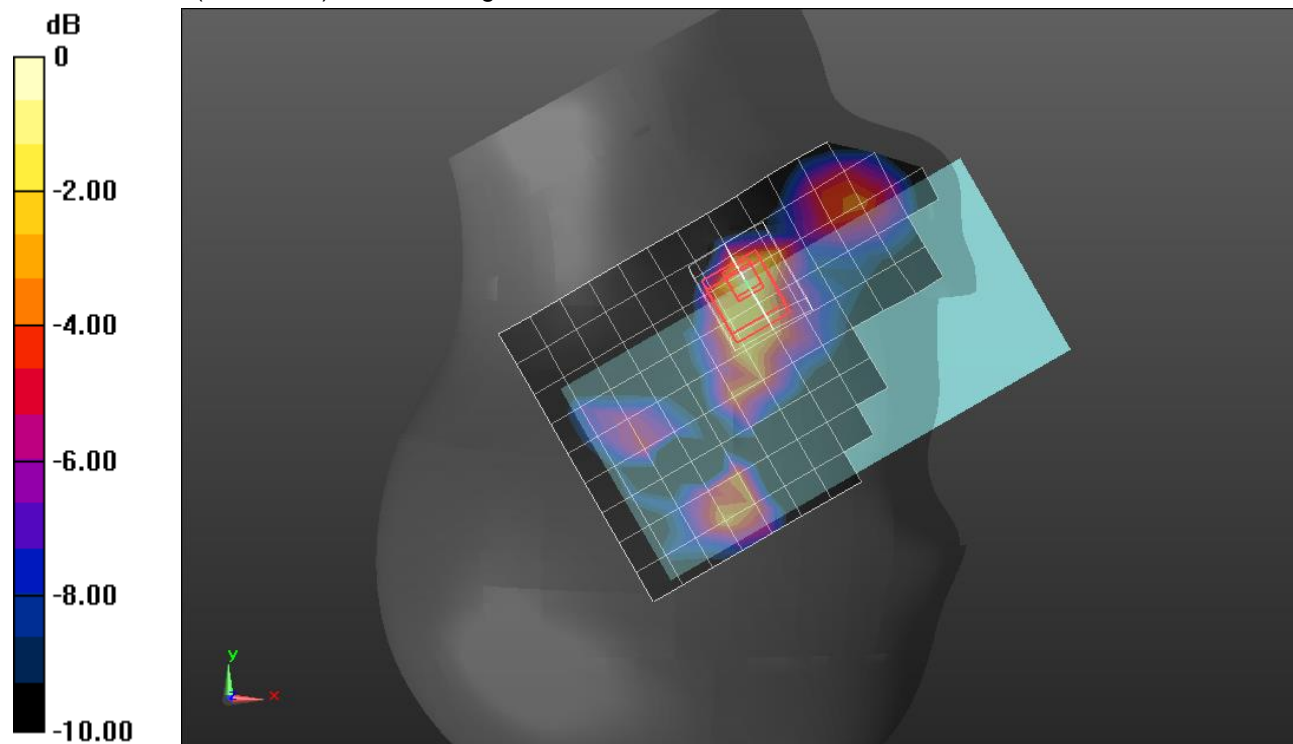
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below = 5.9 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) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

n48 ANT 7

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 2.999$ S/m; $\epsilon_r = 39.299$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 7/16/2020
- Probe: EX3DV4 - SN3990; ConvF(7, 7, 7) @ 3643.32 MHz; Calibrated: 2/5/2021
- 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 Ax; Serial: xxxx

Rear/QPSK RB 50,25 Ch 642888/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.24 W/kg

Rear/QPSK RB 50,25 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 18.28 V/m; Power Drift = 0.16 dB

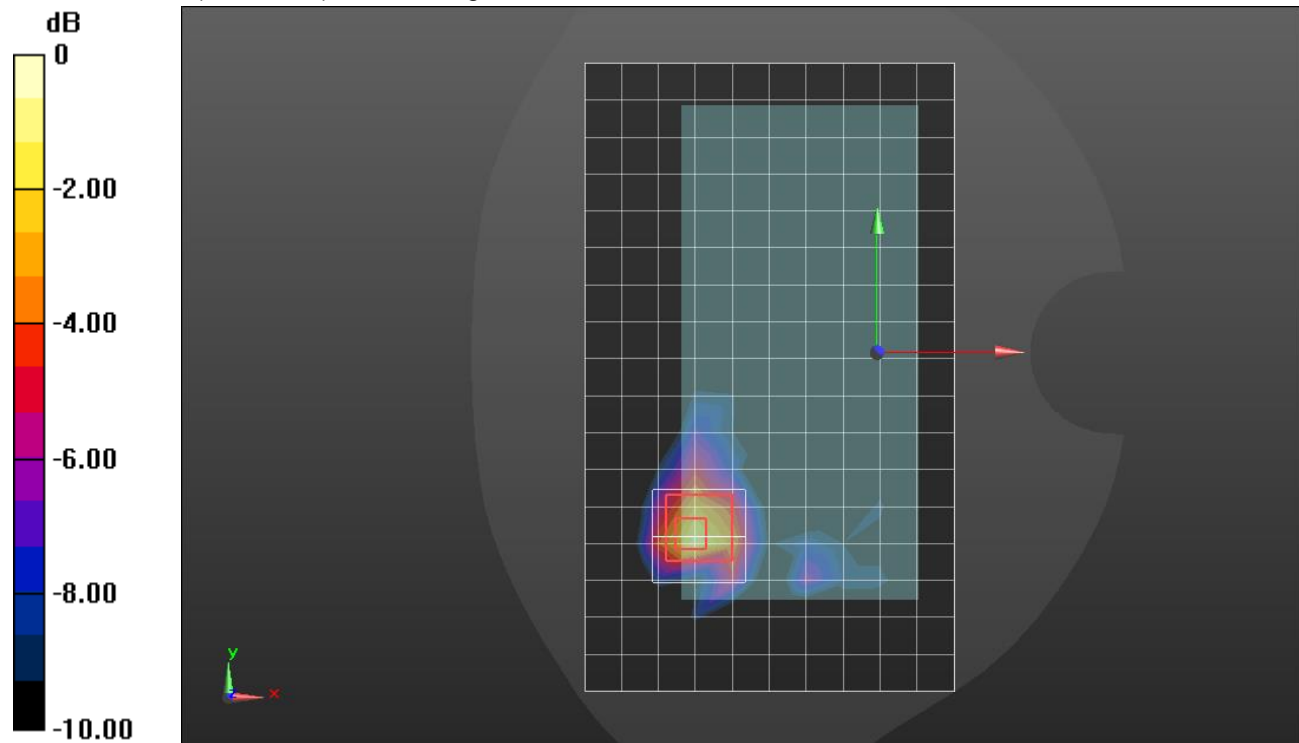
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.272 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 40.6%

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



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

n48 ANT 8

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 3.013$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- 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 1,52 Ch 642888/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.46 W/kg

RHS/Touch_QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 19.20 V/m; Power Drift = 0.02 dB

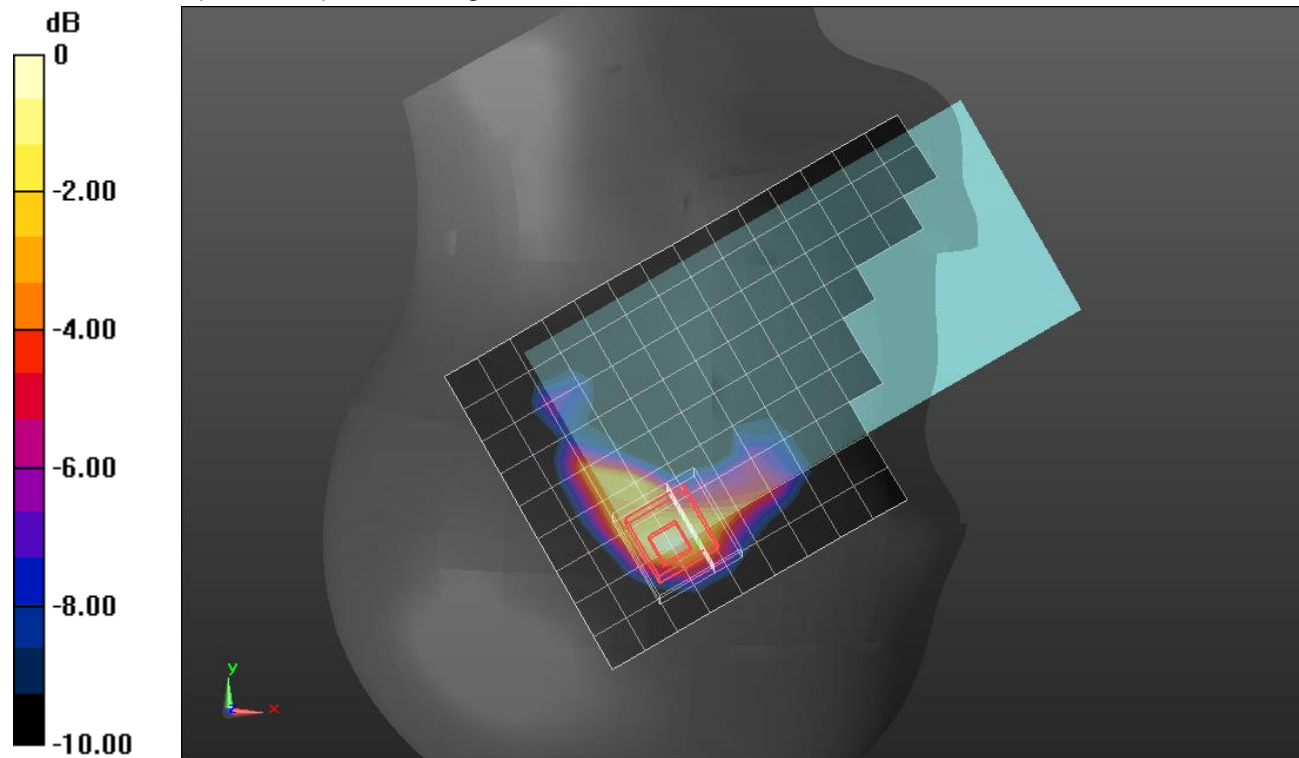
Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.299 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 37.5%

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



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

n48 ANT 8

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 3.013$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- 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 1,52 Ch 642888/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.48 W/kg

Rear/QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 19.31 V/m; Power Drift = 0.02 dB

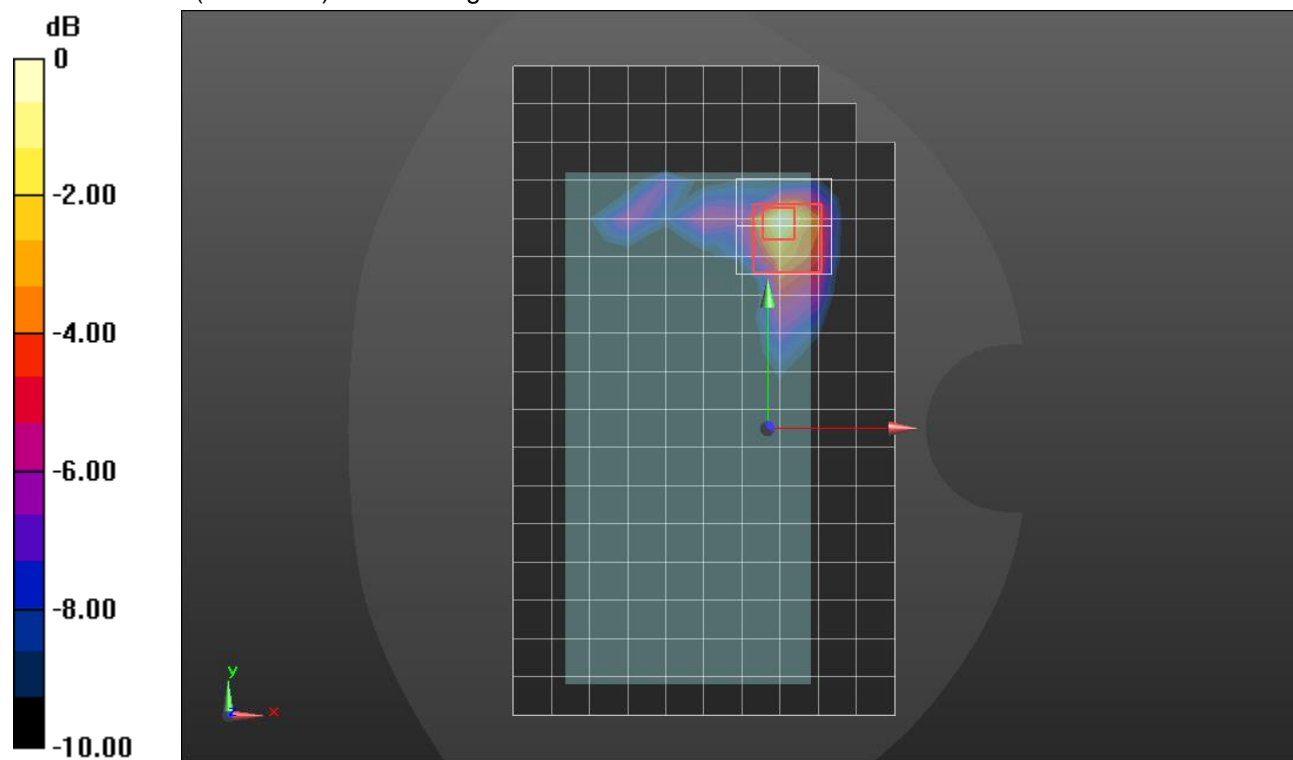
Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.219 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 36.6%

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



0 dB = 1.38 W/kg = 1.40 dBW/kg

n48 ANT 8

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 3.013$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

Edge 4/QPSK RB 1,52 Ch 642888/Area Scan (8x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.09 W/kg

Edge 4/QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 17.16 V/m; Power Drift = 0.05 dB

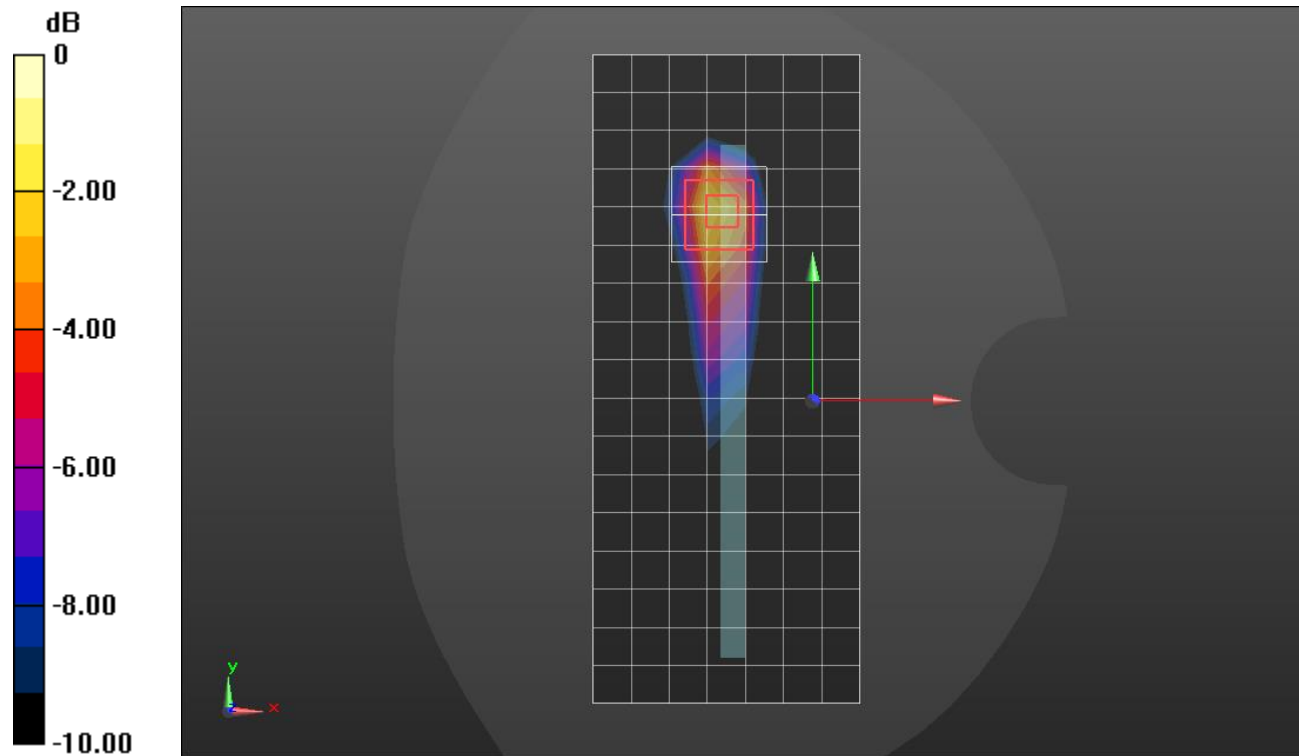
Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.264 W/kg

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

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

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



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

n48 ANT 9

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 2.998$ S/m; $\epsilon_r = 37.949$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- 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 1,52 Ch 642888/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0939 W/kg

LHS/Touch_QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 5.216 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.157 W/kg

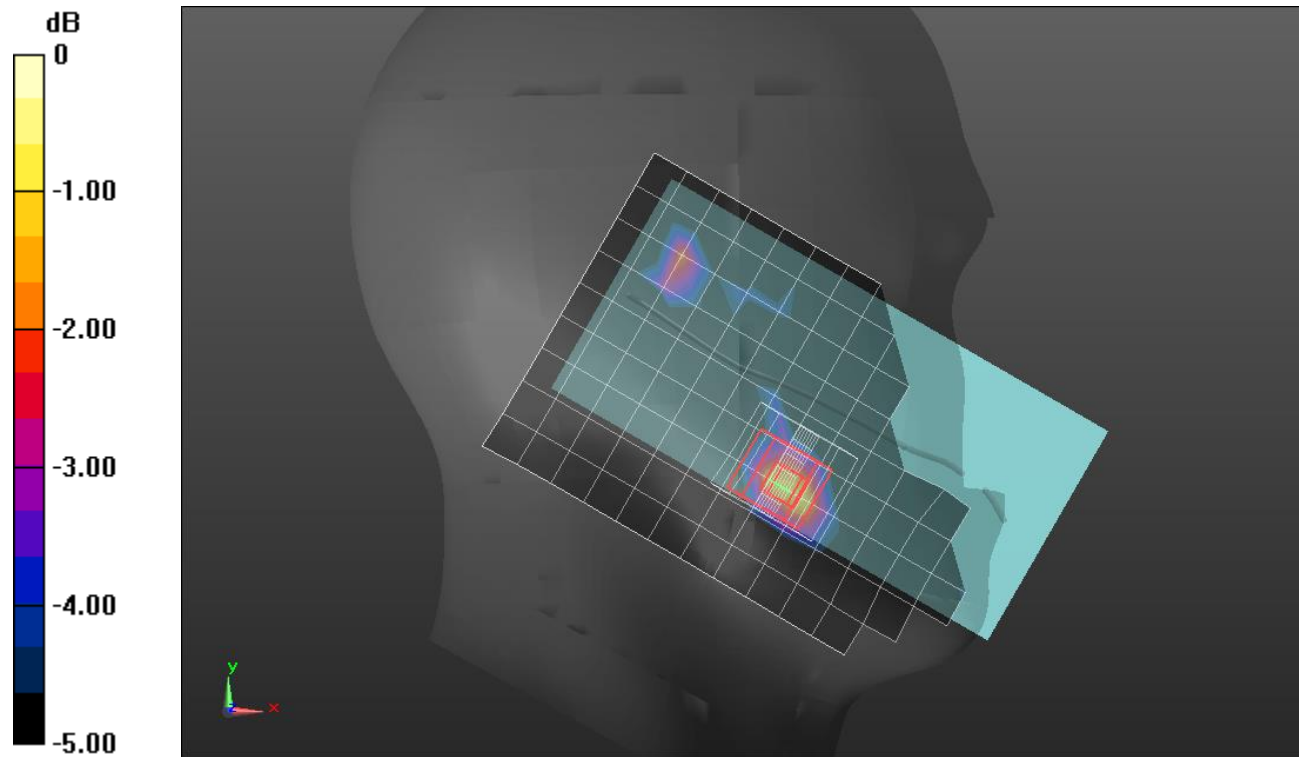
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.021 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 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) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

n48 ANT 9

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 3.013$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

Front/QPSK RB 1,52 Ch 642888/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.947 W/kg

Front/QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 16.00 V/m; Power Drift = 0.03 dB

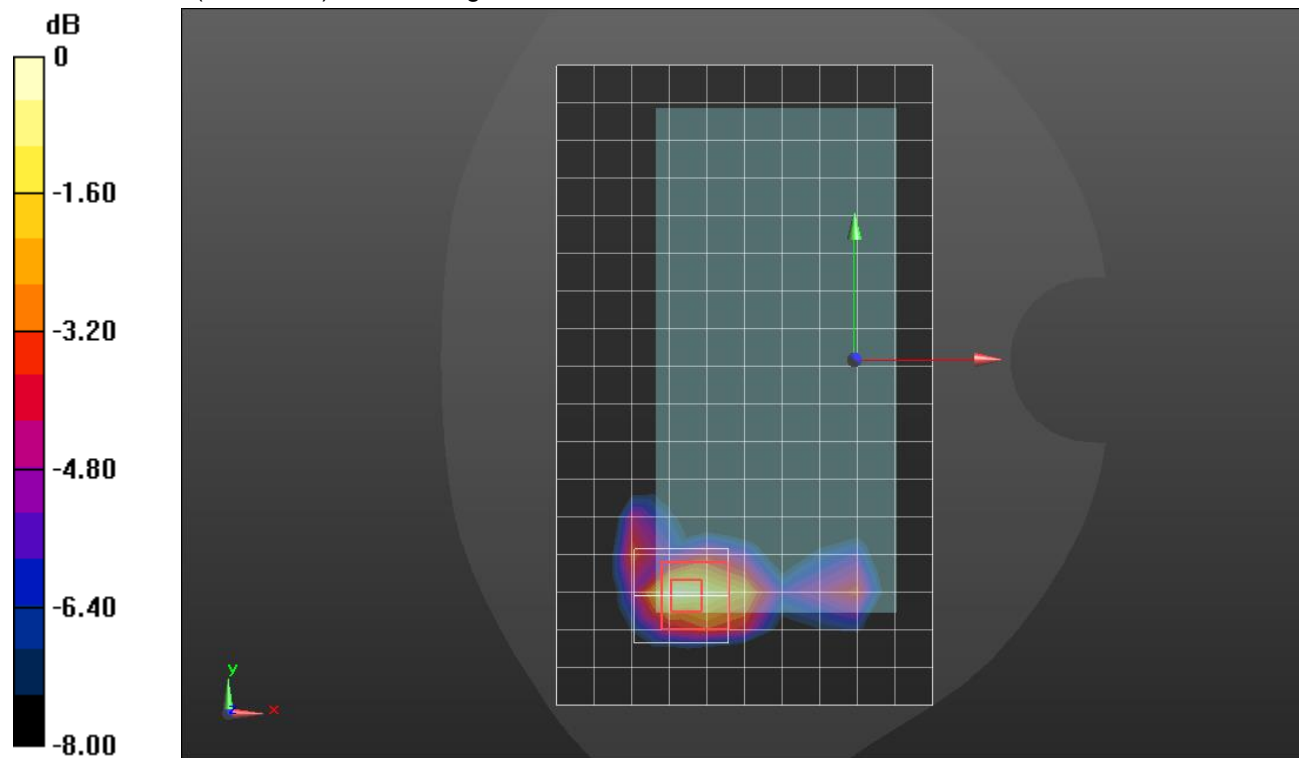
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.235 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

n48 ANT 9

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 2.998$ S/m; $\epsilon_r = 37.949$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

Edge 4/QPSK RB 1,52 Ch 642888/Area Scan (8x18x1):

Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.00 W/kg

Edge 4/QPSK RB 1,52 Ch 642888/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 16.89 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.52 W/kg

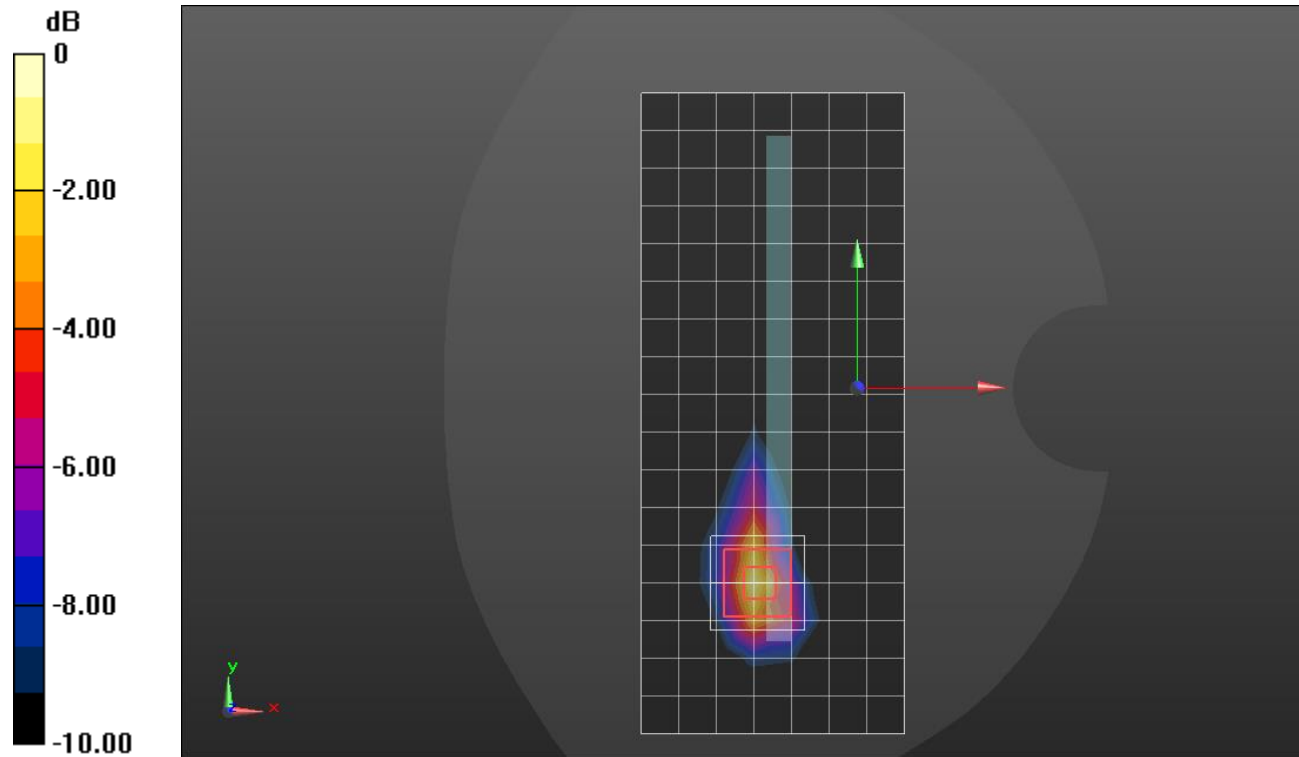
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.199 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 44.6%

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

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



0 dB = 1.11 W/kg = 0.45 dBW/kg

n48 ANT 4

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 3.013$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- 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 100,0 Ch 642888/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

LHS/Touch_QPSK RB 100,0 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 21.02 V/m; Power Drift = -0.08 dB

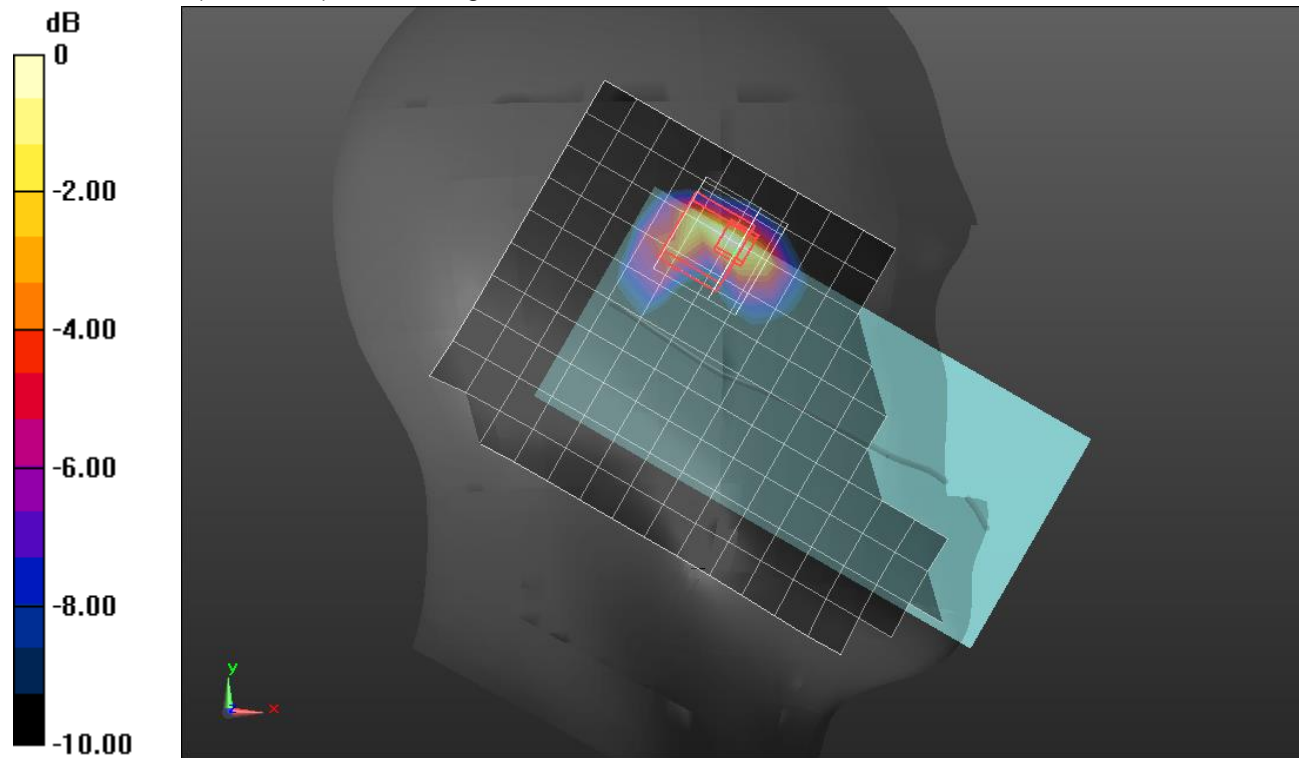
Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.258 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 38.2%

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

n48 ANT 4

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 3.013$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- 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 50,25 Ch 642888/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.880 W/kg

Rear/QPSK RB 50,25 Ch 642888/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 15.55 V/m; Power Drift = -0.08 dB

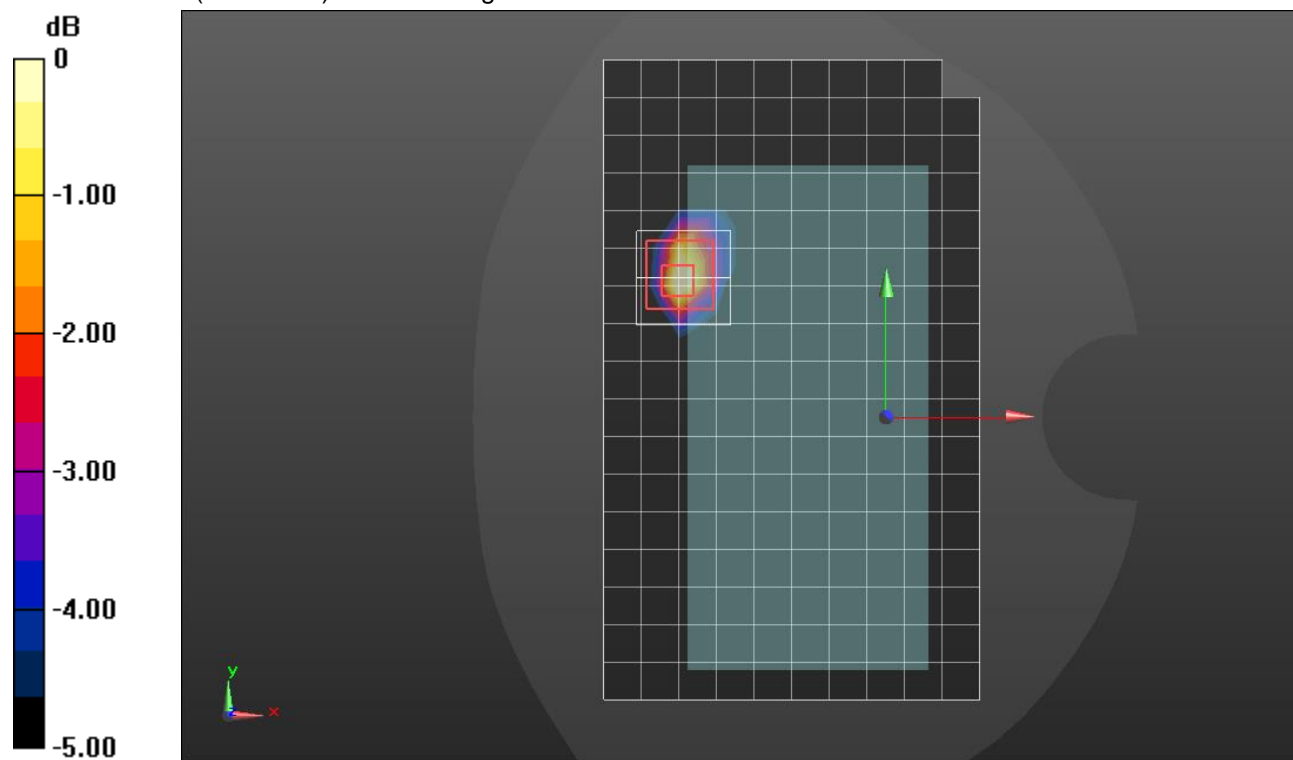
Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.137 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 34.7%

Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg = -1.41 dBW/kg

n48 ANT 4

Frequency: 3643.32 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 3643.32$ MHz; $\sigma = 2.998$ S/m; $\epsilon_r = 37.949$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1248; Calibrated: 2/19/2021
- Probe: EX3DV4 - SN7582; ConvF(7.3, 7.3, 7.3) @ 3643.32 MHz; Calibrated: 3/1/2021
- 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 Ax; Serial: xxxx

Edge 2/QPSK RB 100,0 Ch 642888/Area Scan (8x18x1):

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

Maximum value of SAR (measured) = 1.13 W/kg

Edge 2/QPSK RB 100,0 Ch 642888/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 18.32 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.93 W/kg

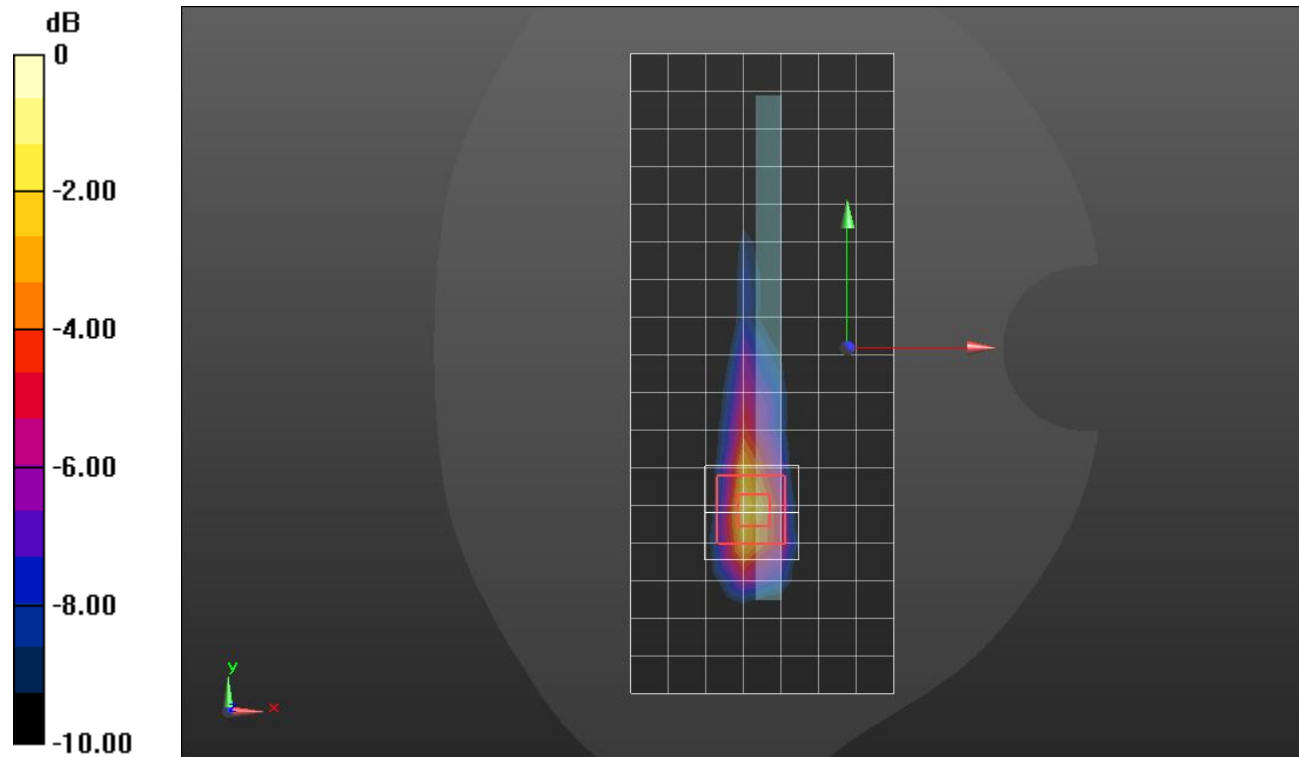
SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.248 W/kg

Smallest distance from peaks to all points 3 dB below = 6 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) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg