

Bluetooth Head

Date: 2024-07-19

Electronics: DAE4 Sn786

Medium: Head 2450MHz

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.66$; $\rho = 1000$ kg/m³

Communication System: UID 0, BT (0) Frequency: 2441 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (8.21, 8.21, 8.21)

Left Cheek Ch.39/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0563 W/kg

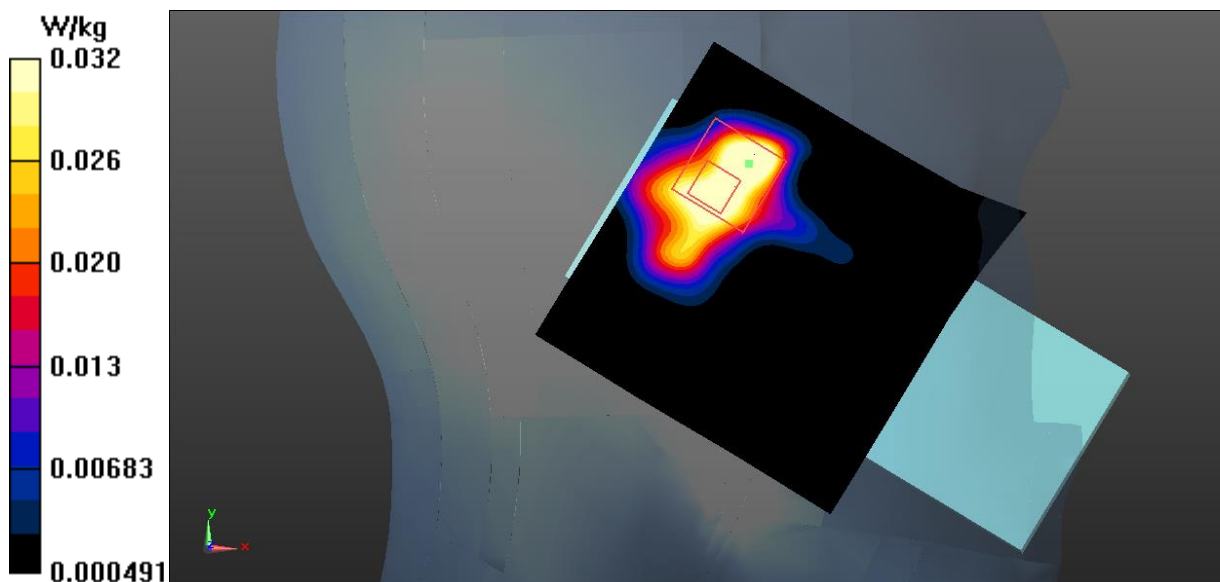
Left Cheek Ch.39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.296 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0470 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0322 W/kg



Bluetooth Body

Date: 2024-07-19

Electronics: DAE4 Sn786

Medium: Head 2450MHz

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.66$; $\rho = 1000$ kg/m³

Communication System: UID 0, BT (0) Frequency: 2441 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (8.21, 8.21, 8.21)

Front Side Ch.39/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.00912 W/kg

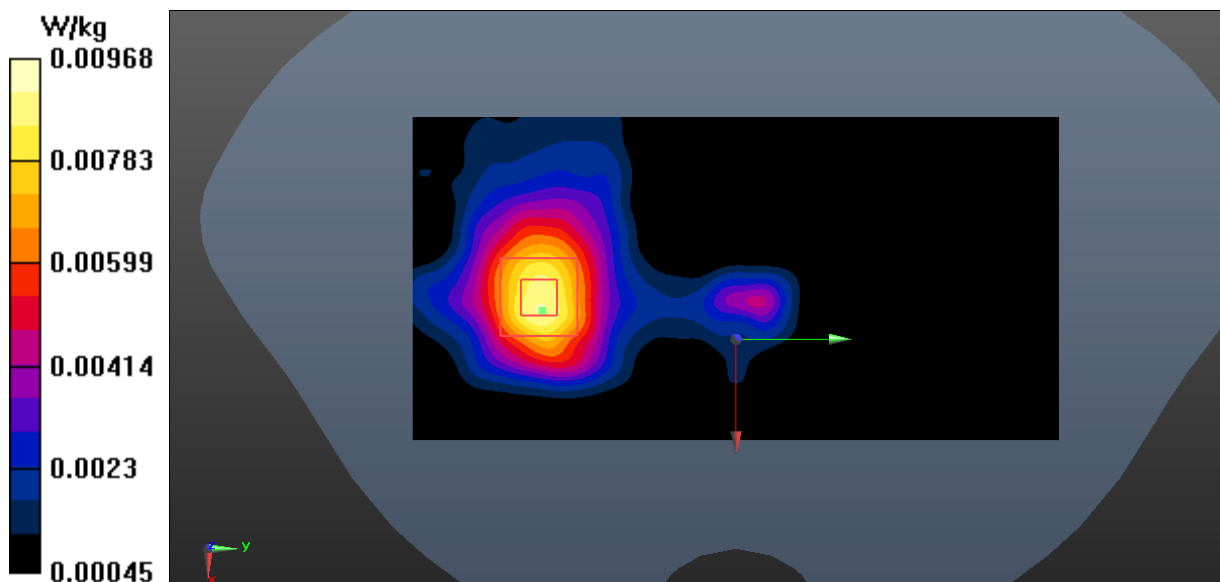
Front Side Ch.39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.9200 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00726 W/kg; SAR(10 g) = 0.00442 W/kg

Maximum value of SAR (measured) = 0.00968 W/kg



K.4. System Verification Results for Spot Check

835MHz

Date: 2024-07-19

Electronics: DAE4 Sn786

Medium: Head 835MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 40.211$; $\rho = 1000 \text{ kg/m}^3$

Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (11.02, 11.02, 11.02)

System Validation/Area Scan (91x161x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 65.451 V/m; Power Drift = 0.12 dB

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (interpolated) = 3.77 W/kg

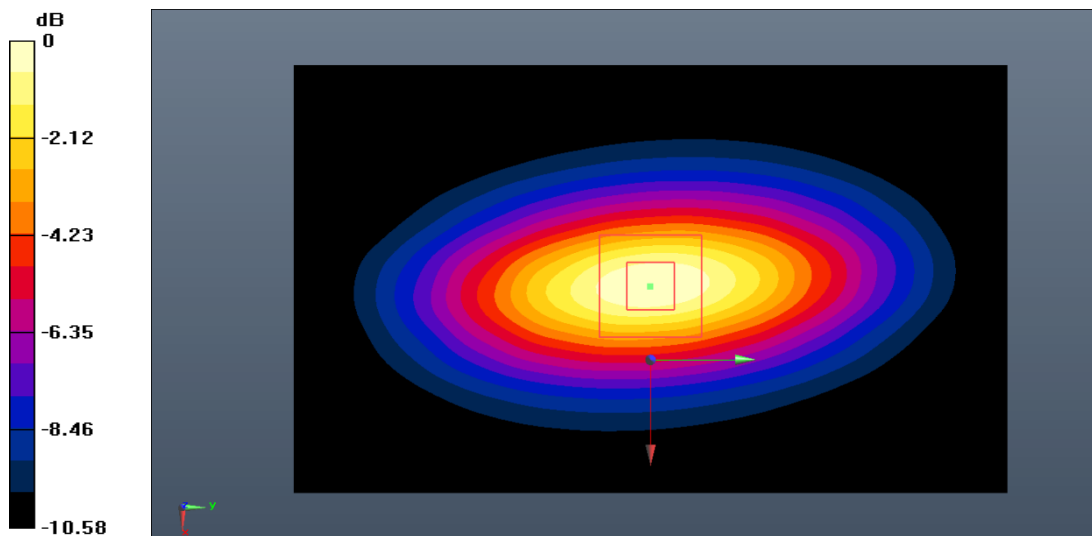
System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 65.451 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 3.81 W/kg



0 dB = 3.81 W/kg = 5.81 dB W/kg

1750MHz

Date: 2024-07-18

Electronics: DAE4 Sn786

Medium: Head 1750MHz

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.352 \text{ S/m}$; $\epsilon_r = 41.156$; $\rho = 1000 \text{ kg/m}^3$

Communication System: CW Frequency: 1750 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (9.11, 9.11, 9.11)

System Validation/Area Scan (81x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 77.359 V/m; Power Drift = -0.03 dB

SAR(1 g) = 8.96 W/kg; SAR(10 g) = 4.84 W/kg

Maximum value of SAR (interpolated) = 13.0 W/kg

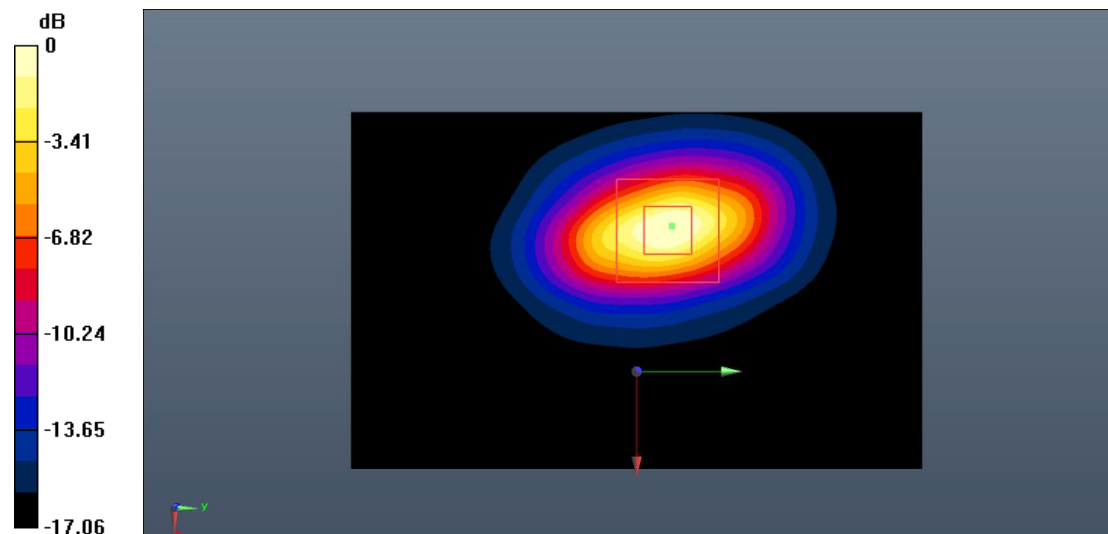
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 77.359 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 8.80 W/kg; SAR(10 g) = 4.78 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 12.7 W/kg = 11.04 dB W/kg

1900MHz

Date: 2024-07-18

Electronics: DAE4 Sn786

Medium: Head 1900MHz

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 40.753$; $\rho = 1000 \text{ kg/m}^3$

Communication System: CW Frequency: 1900 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (8.76, 8.76, 8.76)

System Validation/Area Scan (91x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 85.946 V/m; Power Drift = -0.11 dB

SAR(1 g) = 9.91 W/kg; SAR(10 g) = 5.09 W/kg

Maximum value of SAR (interpolated) = 16.3 W/kg

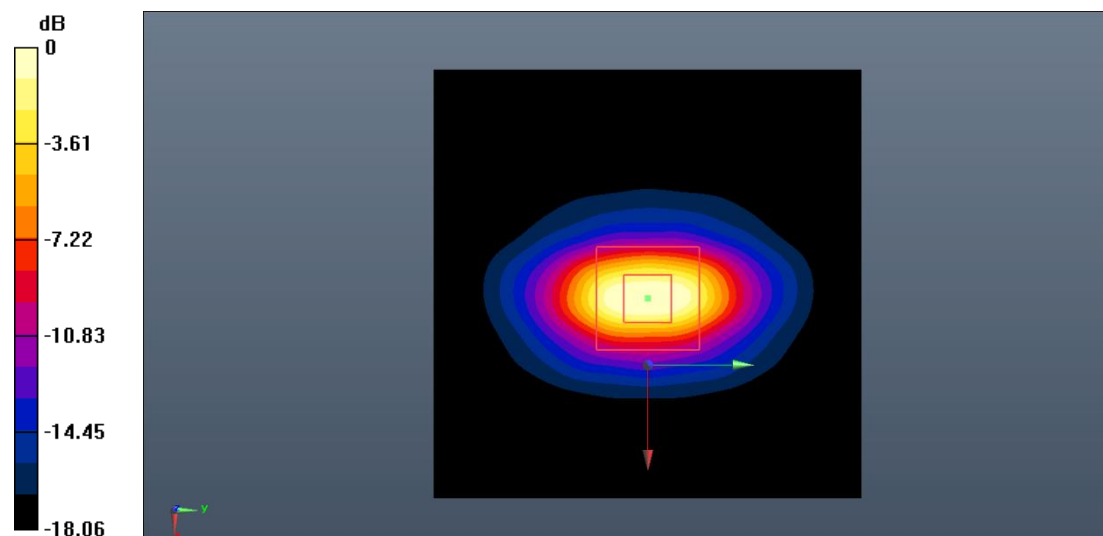
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 85.946 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 21.5 W/kg

SAR(1 g) = 9.75 W/kg; SAR(10 g) = 5.03 W/kg

Maximum value of SAR (measured) = 16.0 W/kg



0 dB = 16.0 W/kg = 12.04 dB W/kg

2450MHz

Date: 2024-07-19

Electronics: DAE4 Sn786

Medium: Head 2450MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.629$; $\rho = 1000$ kg/m³

Communication System: CW Frequency: 2450 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (8.21, 8.21, 8.21)

System Validation/Area Scan (81x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 94.223 V/m; Power Drift = 0.15 dB

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.05 W/kg

Maximum value of SAR (interpolated) = 21.5 W/kg

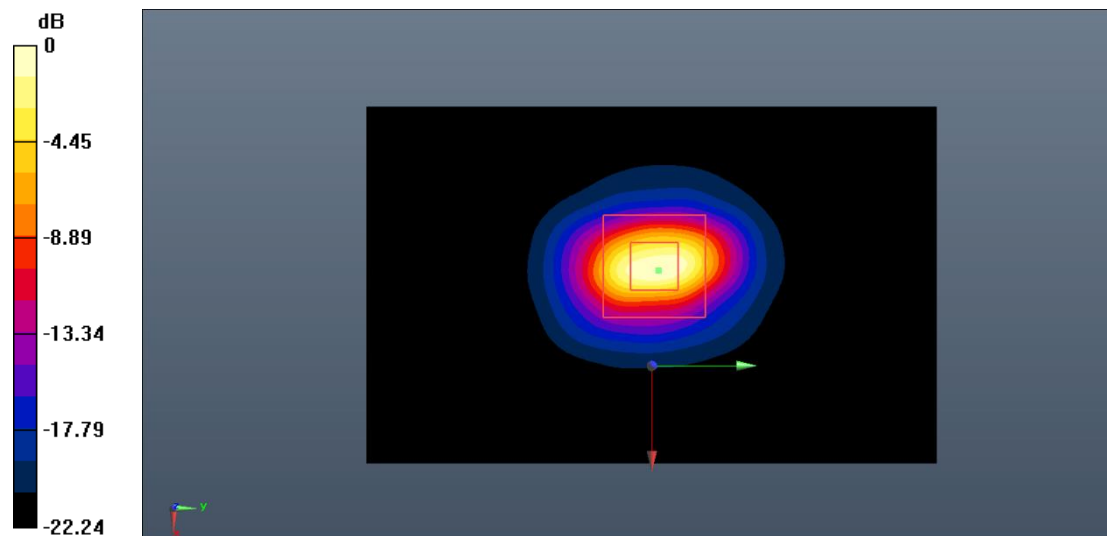
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 94.223 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 30.7 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.14 W/kg

Maximum value of SAR (measured) = 21.9 W/kg



0 dB = 21.9 W/kg = 13.40 dB W/kg

2550MHz

Date: 2024-07-19

Electronics: DAE4 Sn786

Medium: Head 2550MHz

Medium parameters used: $f = 2550$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 38.304$; $\rho = 1000$ kg/m³

Communication System: CW Frequency: 2550 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7621 ConvF (8.21, 8.21, 8.21)

System Validation/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 95.742 V/m; Power Drift = 0.08 dB

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.19 W/kg

Maximum value of SAR (interpolated) = 23.2 W/kg

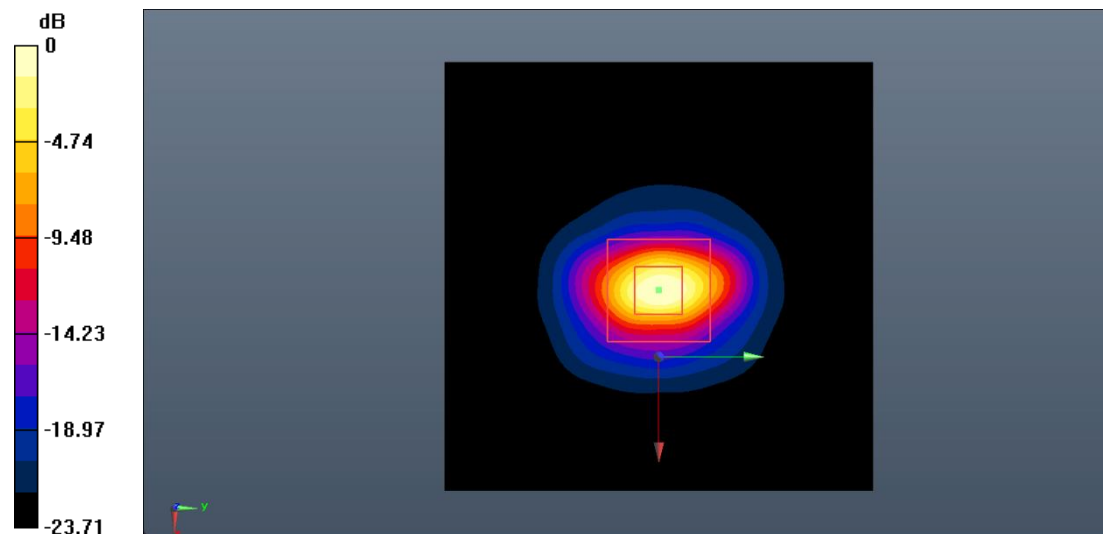
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 95.742 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 29.3 W/kg

SAR(1 g) = 14.0 W/kg; SAR(10 g) = 6.28 W/kg

Maximum value of SAR (measured) = 23.4 W/kg



0 dB = 23.4 W/kg = 13.69 dB W/kg

*****END OF REPORT*****