

LTE Band 12 Head

Date: 2022-4-4

Electronics: DAE4 Sn1527

Medium: Head 750MHz

Medium parameters used: $f = 708$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.489$; $\rho = 1000$ kg/m³

Communication System: UID 0, LTE_FDD (0) Frequency: 707.5 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

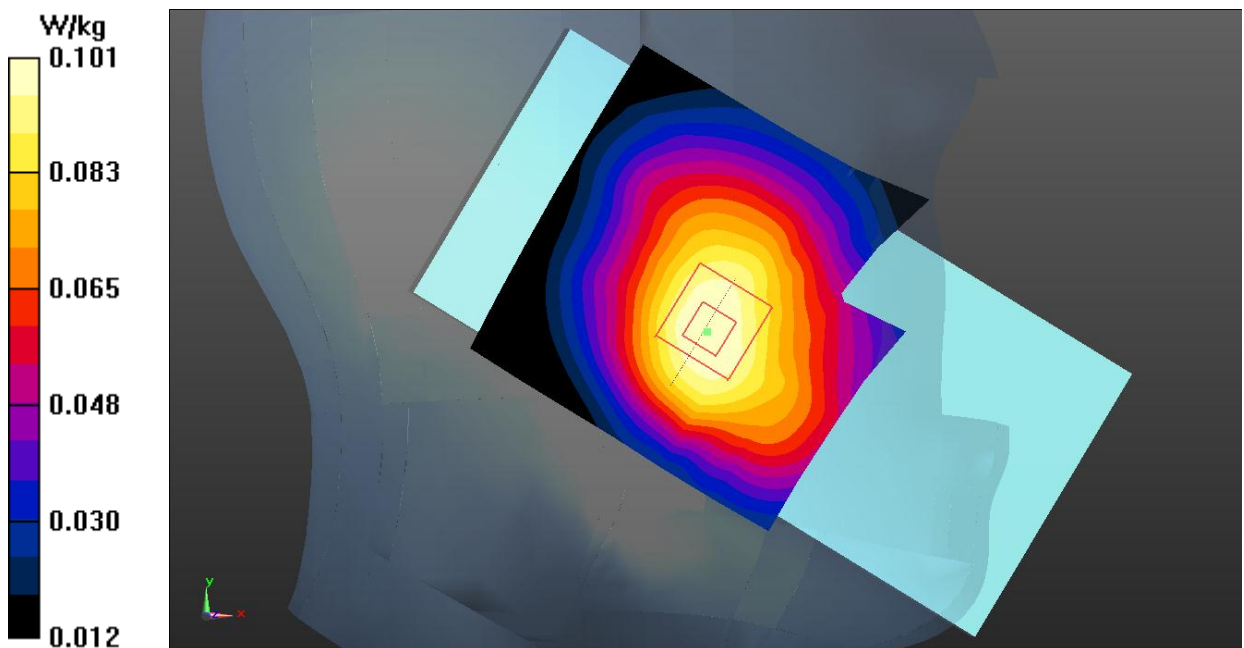
Left Cheek Middle 1RB49/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.104 W/kg**Left Cheek Middle 1RB49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.025 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



LTE Band 12 Body

Date: 2022-4-4

Electronics: DAE4 Sn1527

Medium: Head 750MHz

Medium parameters used: $f = 708 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 41.489$; $\rho = 1000 \text{ kg/m}^3$

Communication System: UID 0, LTE_FDD (0) Frequency: 707.5 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

Rear Side Middle 1RB49/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.188 W/kg

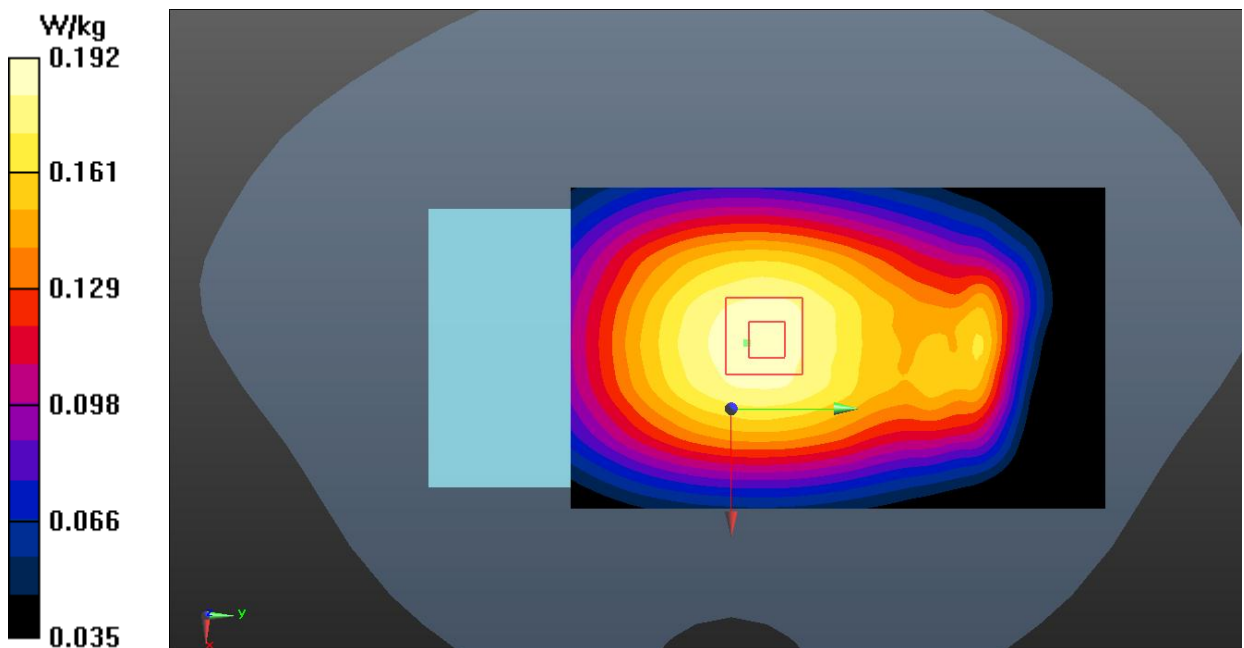
Rear Side Middle 1RB49/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.46 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.192 W/kg



LTE Band 28 Head

Date: 2022-4-4

Electronics: DAE4 Sn1527

Medium: Head 750MHz

Medium parameters used: $f = 728$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.248$; $\rho = 1000$ kg/m³

Communication System: UID 0, LTE_FDD (0) Frequency: 728 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

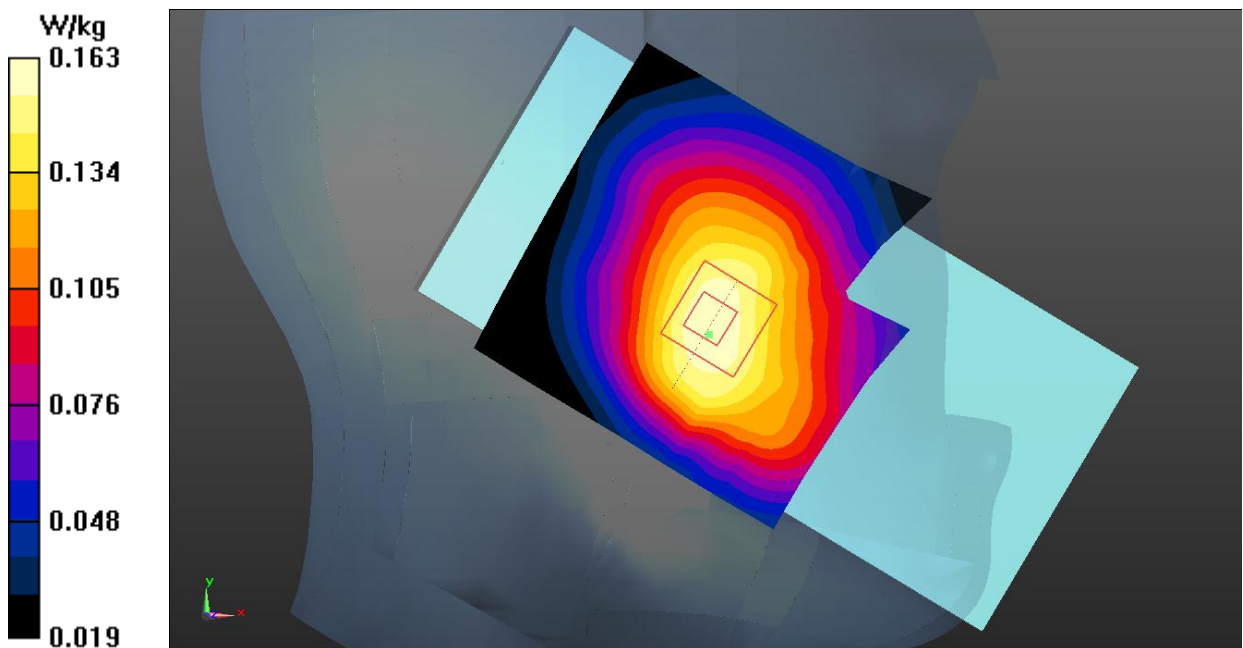
Left Cheek Middle 1RB99/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.163 W/kg**Left Cheek Middle 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.589 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



LTE Band 28 Body

Date: 2022-4-4

Electronics: DAE4 Sn1527

Medium: Head 750MHz

Medium parameters used: $f = 728$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.248$; $\rho = 1000$ kg/m³

Communication System: UID 0, LTE_FDD (0) Frequency: 728 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

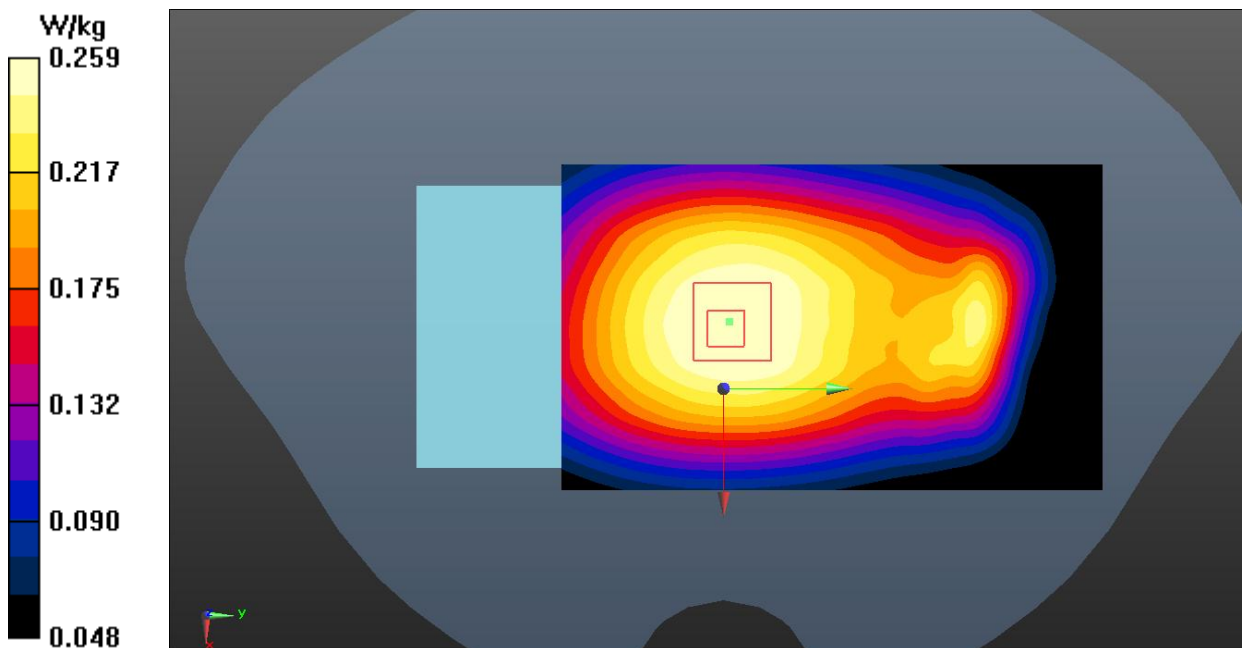
Rear Side Middle 1RB99/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.264 W/kg**Rear Side Middle 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.92 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.259 W/kg



LTE Band 66 Head

Date: 2022-4-3

Electronics: DAE4 Sn1527

Medium: Head 1750MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 39.47$; $\rho = 1000$ kg/m³

Communication System: UID 0, LTE_FDD (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

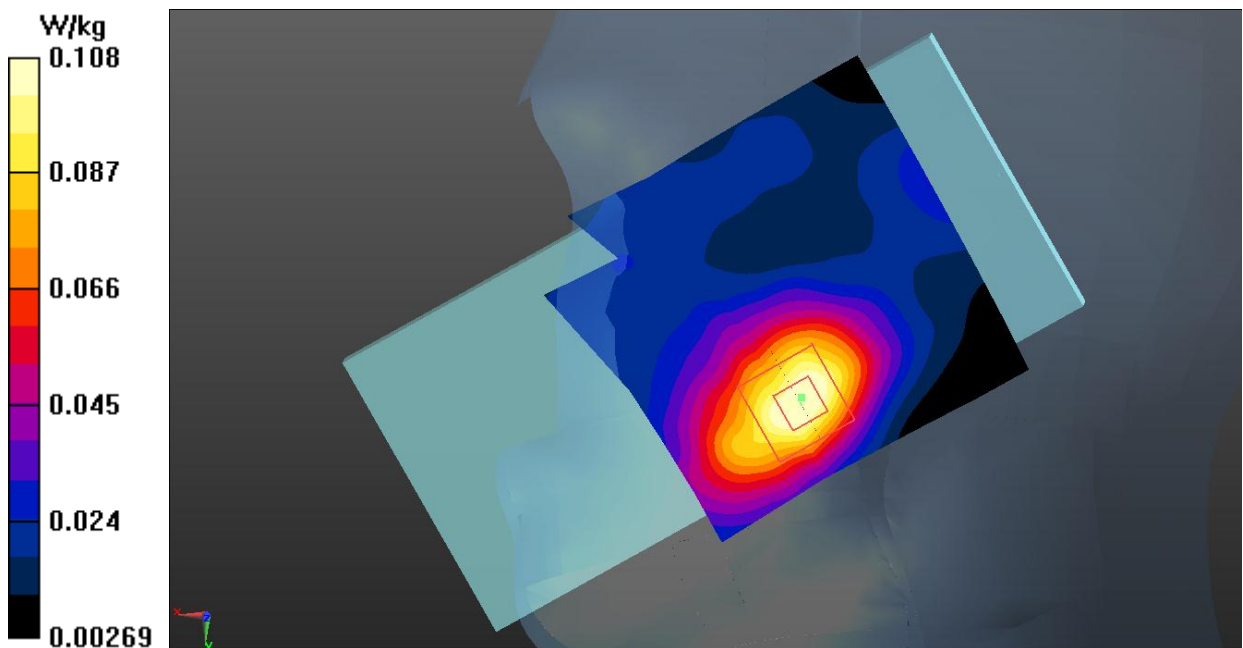
Right Cheek Low 1RB99/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.113 W/kg**Right Cheek Low 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.618 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



LTE Band 66 Body

Date: 2022-4-3

Electronics: DAE4 Sn1527

Medium: Head 1750MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.373$; $\rho = 1000$ kg/m³

Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

Rear Side Middle 1RB99/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

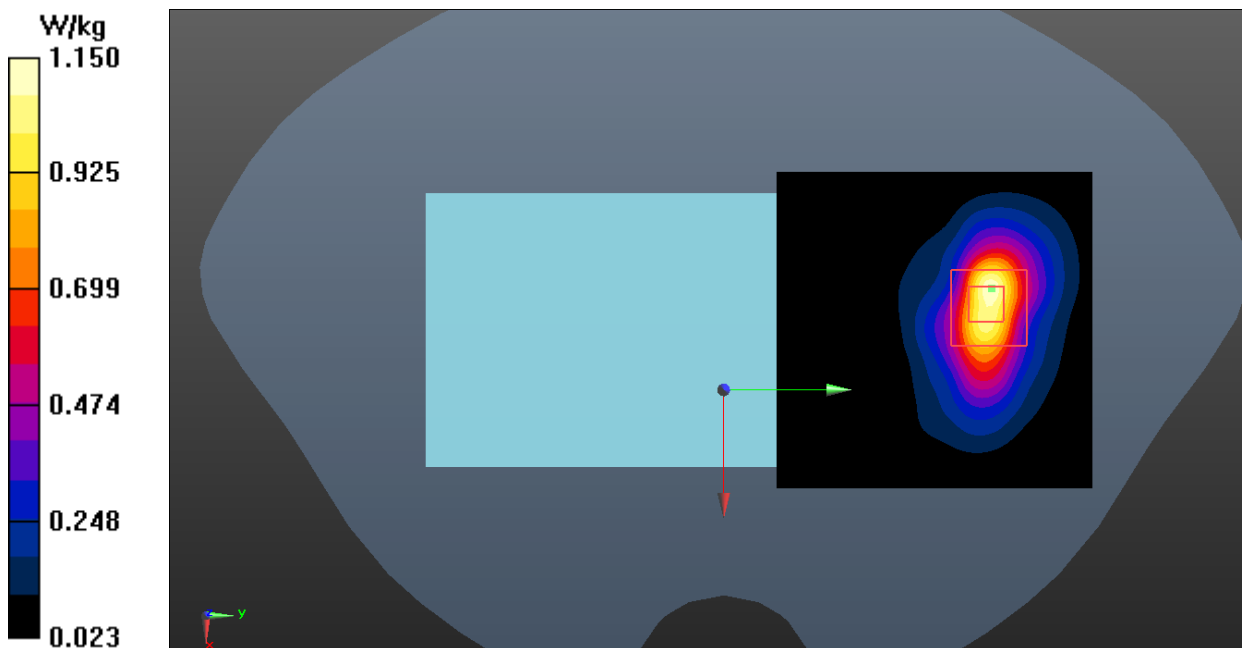
Rear Side Middle 1RB99/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.535 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.454 W/kg

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



WLAN 2.4G Head

Date: 2022-4-18

Electronics: DAE4 Sn1527

Medium: Head 2450MHz

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.184$; $\rho = 1000$ kg/m³

Communication System: UID 0, WiFi (0) Frequency: 2462 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

Right Cheek High/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

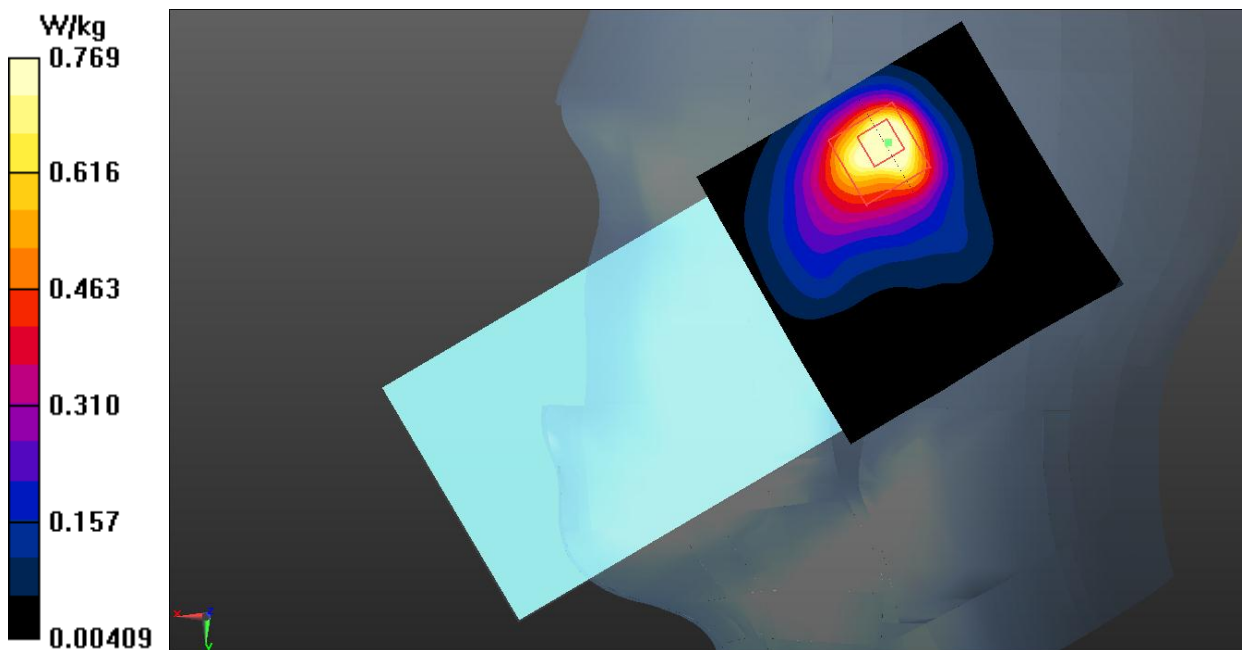
Right Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.343 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.769 W/kg



WLAN 2.4G Body

Date: 2022-4-18

Electronics: DAE4 Sn1527

Medium: Head 2450MHz

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.184$; $\rho = 1000$ kg/m³

Communication System: UID 0, WiFi (0) Frequency: 2462 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

Rear Side High/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.286 W/kg

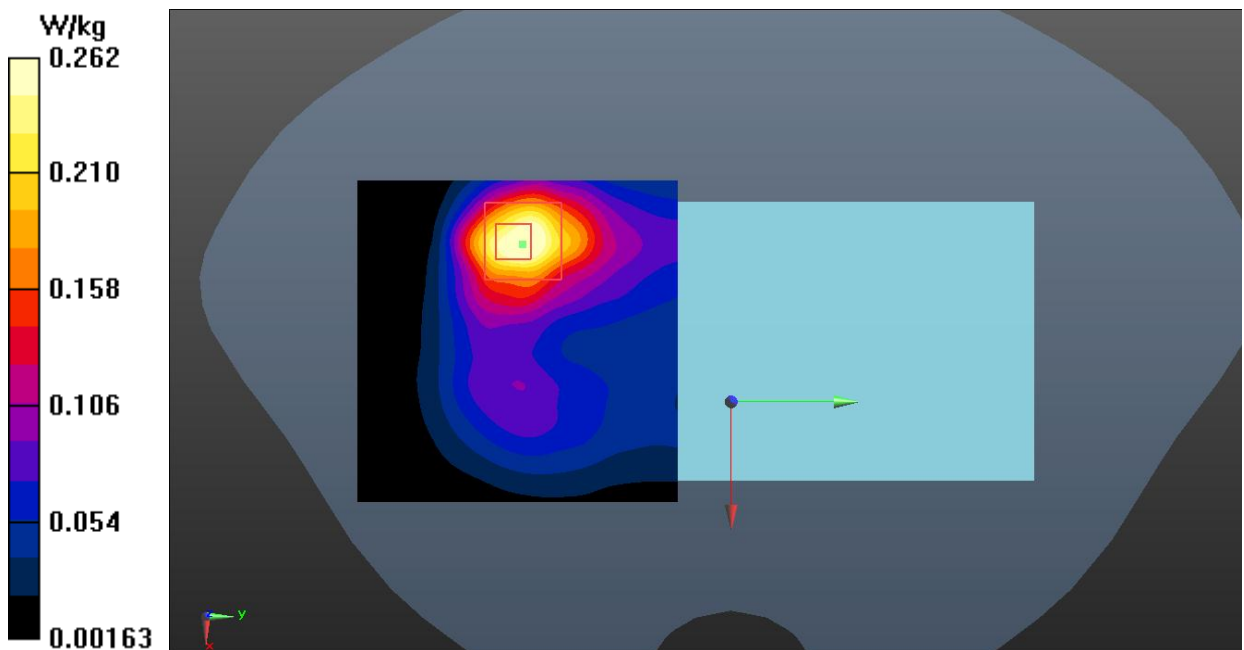
Rear Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.970 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.262 W/kg



L.4. System Verification Results for Spot Check

750MHz

Date: 2022-4-4

Electronics: DAE4 Sn1527

Medium: Head 750MHz

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 40.984$; $\rho = 1000 \text{ kg/m}^3$

Communication System: CW_TMC Frequency: 750 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

System Validation/Area Scan (81x161x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 62.348 V/m; Power Drift = 0.12 dB

SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.44 W/kg

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

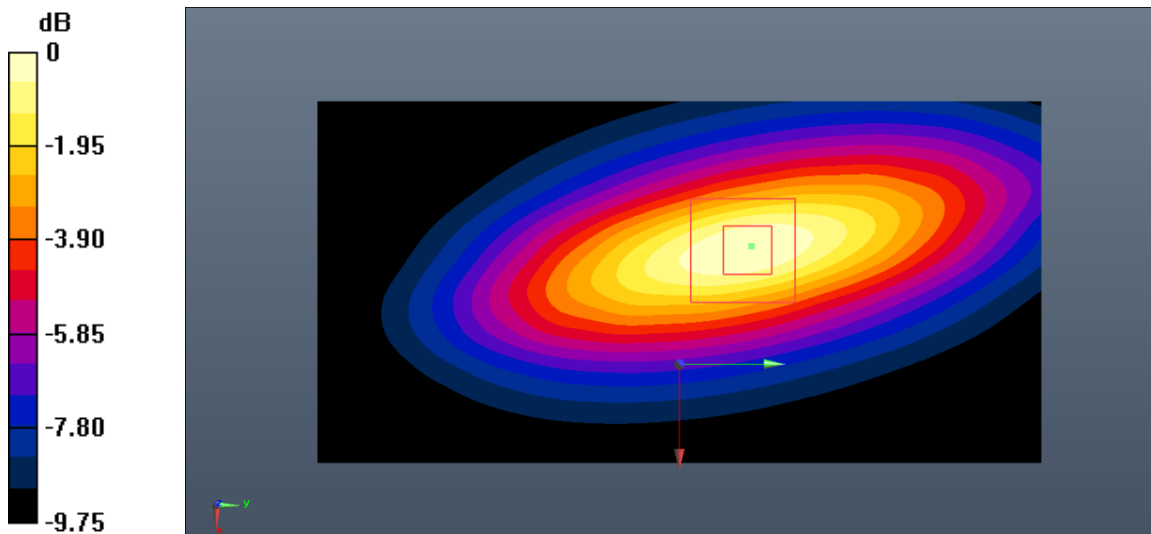
System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 62.348 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dB W/kg

835MHz

Date: 2022-4-4

Electronics: DAE4 Sn1527

Medium: Head 835MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 40.611$; $\rho = 1000 \text{ kg/m}^3$

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

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

System Validation/Area Scan (81x151x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 64.452 V/m; Power Drift = 0.05 dB

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.57 W/kg

Maximum value of SAR (interpolated) = 3.33 W/kg

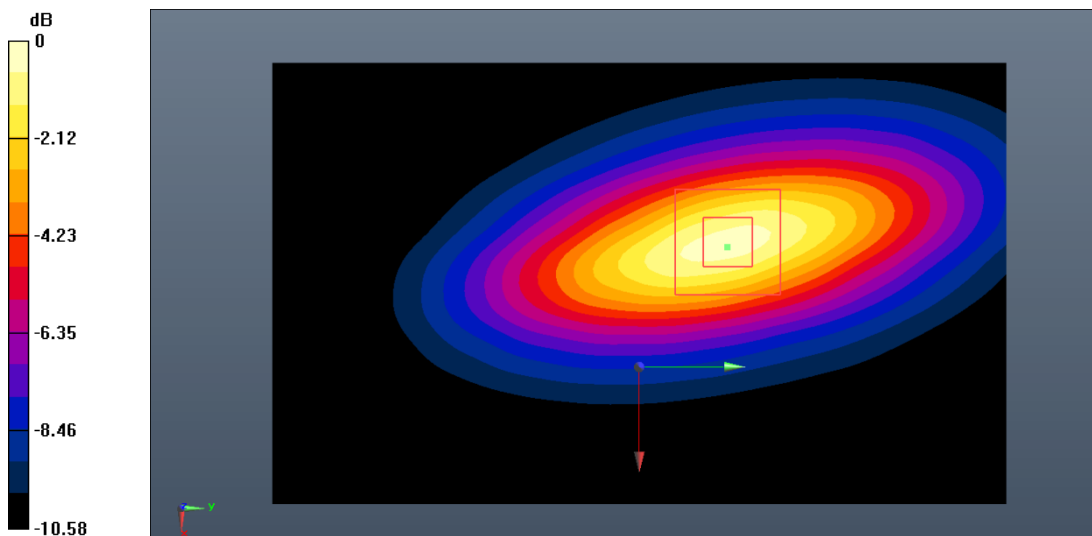
System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 64.452 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.60 W/kg

Maximum value of SAR (measured) = 3.37 W/kg



0 dB = 3.37 W/kg = 5.28 dB W/kg

1750MHz

Date: 2022-4-3

Electronics: DAE4 Sn1527

Medium: Head 1750MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 39.353$; $\rho = 1000$ kg/m³

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

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

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

Reference Value = 79.225 V/m; Power Drift = 0.13 dB

SAR(1 g) = 9.19 W/kg; SAR(10 g) = 4.81 W/kg

Maximum value of SAR (interpolated) = 11.0 W/kg

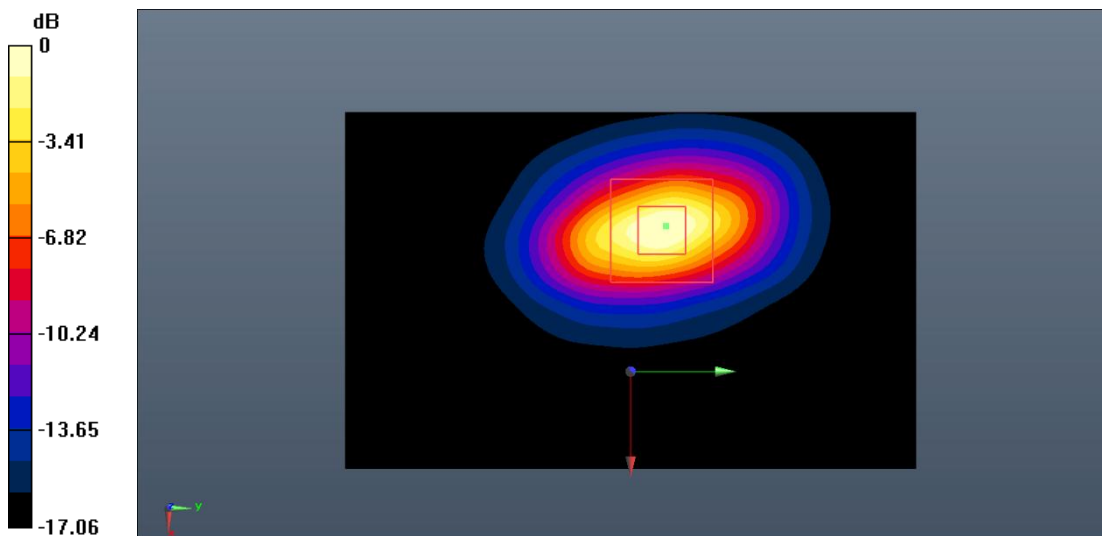
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 79.225 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 22.4 W/kg

SAR(1 g) = 9.44 W/kg; SAR(10 g) = 4.92 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dB W/kg

1900MHz

Date: 2022-4-3

Electronics: DAE4 Sn1527

Medium: Head 1900MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.185$; $\rho = 1000$ kg/m³

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

Probe: ES3DV3 – SN3151 ConvF (5.09, 5.09, 5.09);

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

Reference Value = 82.745 V/m; Power Drift = -0.10 dB

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.27 W/kg

Maximum value of SAR (interpolated) = 12.5 W/kg

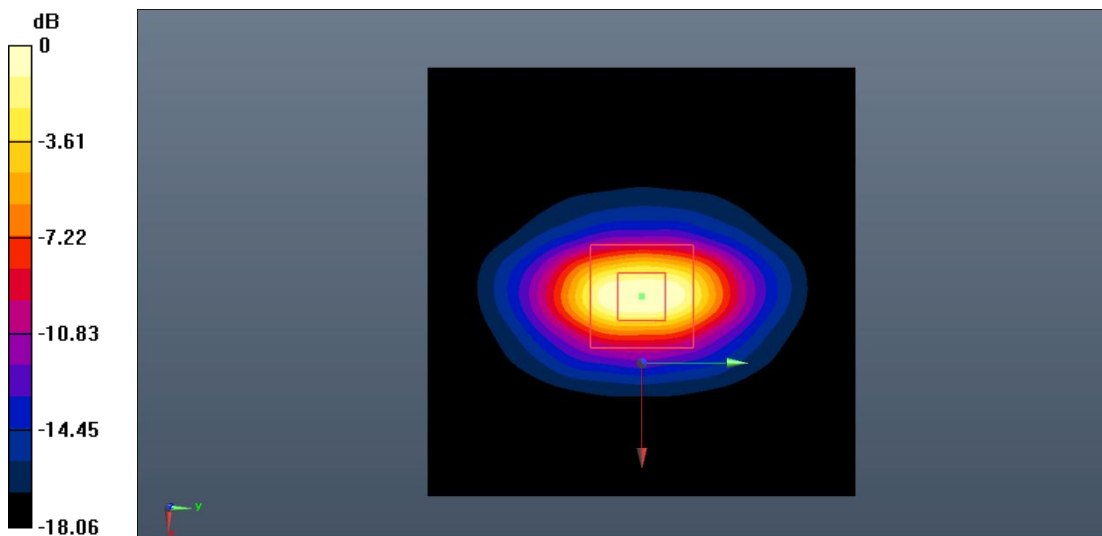
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.745 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 25.7 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.19 W/kg

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dB W/kg

2450MHz

Date: 2022-4-18

Electronics: DAE4 Sn1527

Medium: Head 2450MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.224$; $\rho = 1000$ kg/m³

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

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

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

Reference Value = 88.562 V/m; Power Drift = 0.07 dB

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (interpolated) = 15.2 W/kg

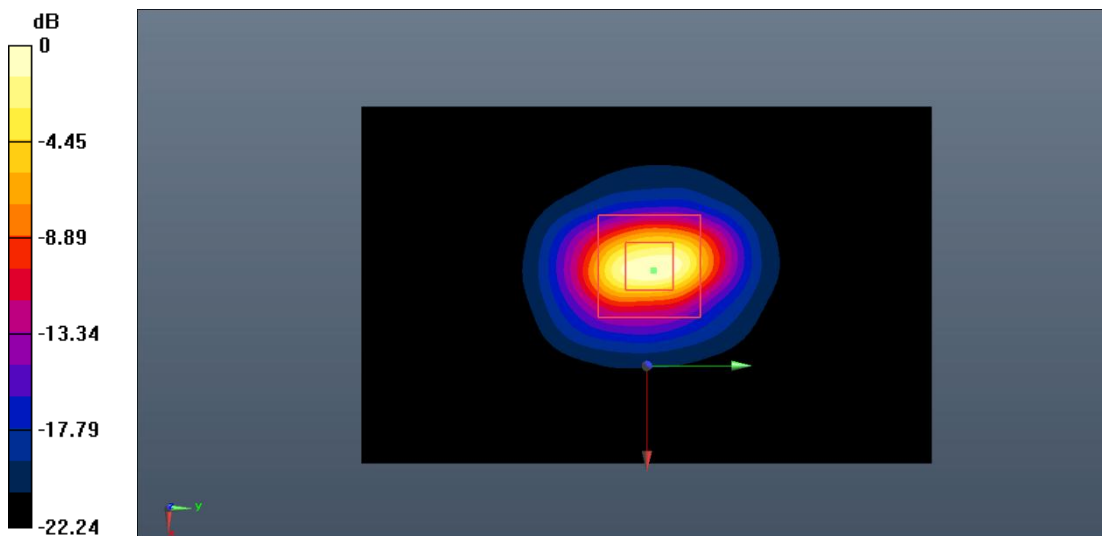
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.562 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.10 W/kg

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg = 11.90 dB W/kg

2550MHz

Date: 2022-4-2

Electronics: DAE4 Sn1527

Medium: Head 2550MHz

Medium parameters used: $f = 2550$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 38.031$; $\rho = 1000$ kg/m³

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

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

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

Reference Value = 92.908 V/m; Power Drift = -0.09 dB

SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.44 W/kg

Maximum value of SAR (interpolated) = 16.5 W/kg

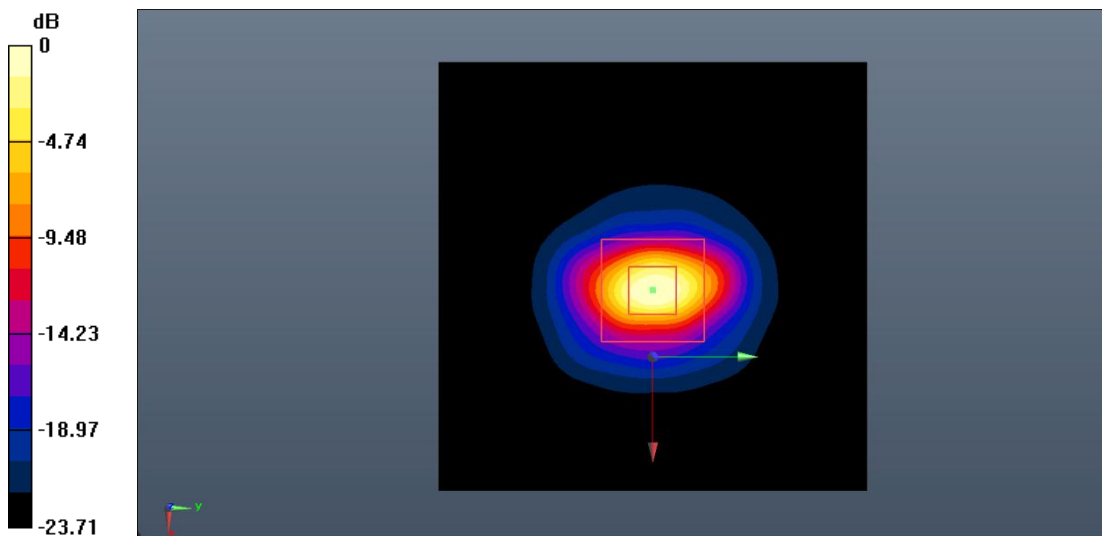
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.908 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 38.2 W/kg

SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.37 W/kg

Maximum value of SAR (measured) = 16.2 W/kg



0 dB = 16.2 W/kg = 12.10 dB W/kg

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