

1750MHz

Date: 2021-8-18

Electronics: DAE4 Sn1527

Medium: Head 1750MHz

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.363 \text{ S/m}$; $\epsilon_r = 40.385$; $\rho = 1000 \text{ kg/m}^3$

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

Probe: EX3DV4 – SN7621 ConvF (9.14, 9.14, 9.14);

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

Reference Value = 77.654 V/m; Power Drift = -0.05 dB

SAR(1 g) = 9.02 W/kg; SAR(10 g) = 4.84 W/kg

Maximum value of SAR (interpolated) = 10.9 W/kg

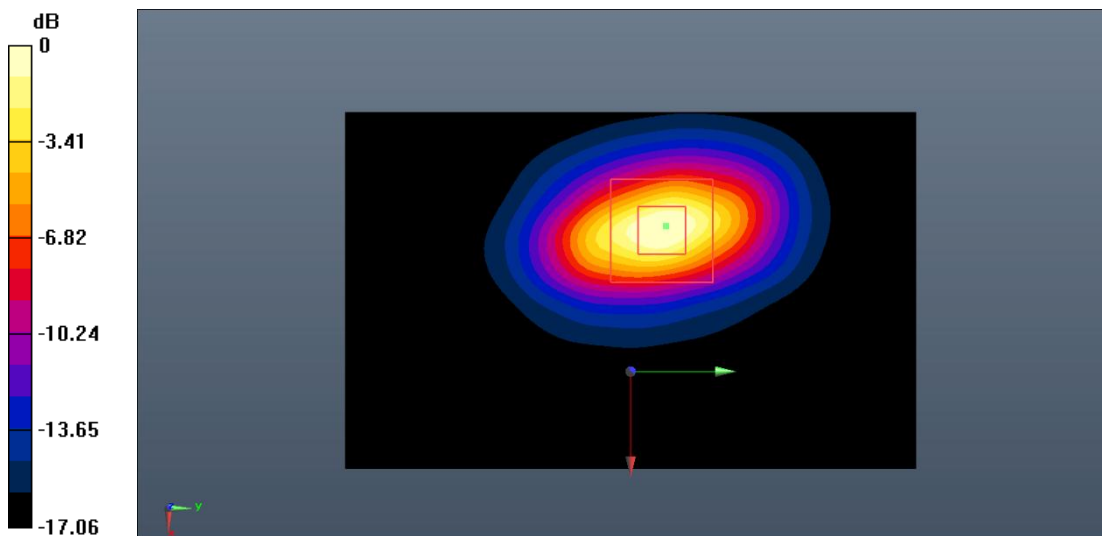
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 77.654 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 20.9 W/kg

SAR(1 g) = 8.73 W/kg; SAR(10 g) = 4.71 W/kg

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dB W/kg

1900MHz

Date: 2021-8-18

Electronics: DAE4 Sn1527

Medium: Head 1900MHz

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.388 \text{ S/m}$; $\epsilon_r = 40.234$; $\rho = 1000 \text{ kg/m}^3$

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

Probe: EX3DV4 – SN7621 ConvF (8.77, 8.77, 8.77);

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

Reference Value = 79.724 V/m; Power Drift = -0.03 dB

SAR(1 g) = 9.94 W/kg; SAR(10 g) = 5.22 W/kg

Maximum value of SAR (interpolated) = 11.8 W/kg

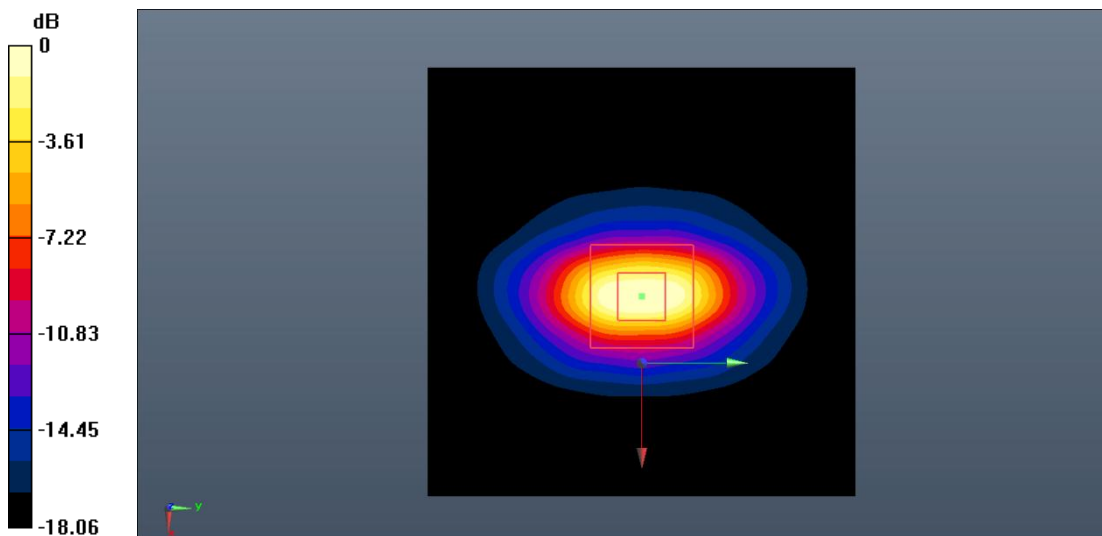
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 79.724 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 23.5 W/kg

SAR(1 g) = 9.77 W/kg; SAR(10 g) = 5.15 W/kg

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dB W/kg

2450MHz

Date: 2021-8-13

Electronics: DAE4 Sn1527

Medium: Head 2450MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 38.282$; $\rho = 1000$ kg/m³

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

Probe: EX3DV4 – SN7621 ConvF (8.01, 8.01, 8.01);

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

Reference Value = 91.705 V/m; Power Drift = 0.07 dB

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.10 W/kg

Maximum value of SAR (interpolated) = 15.3 W/kg

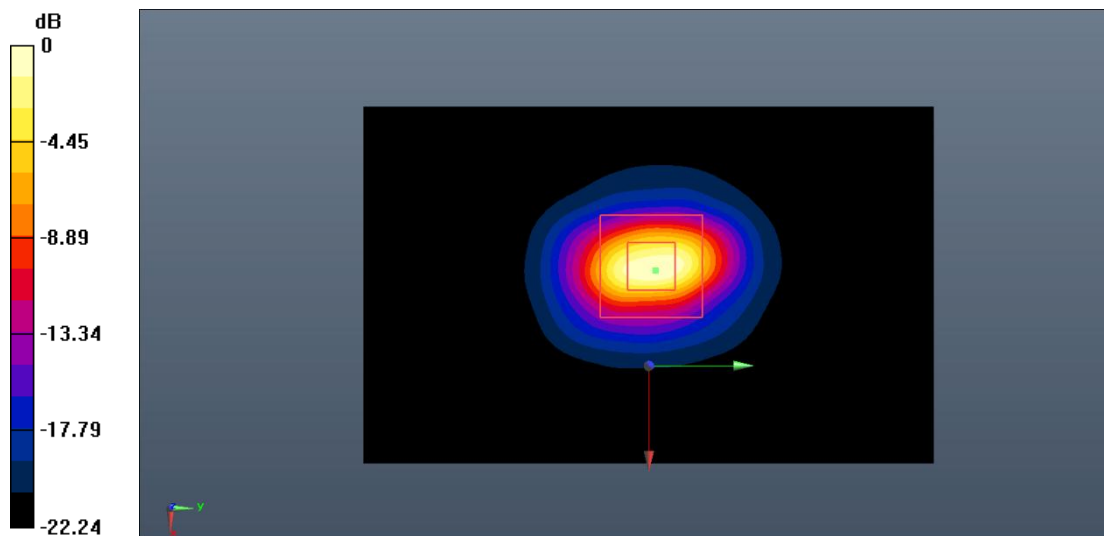
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 91.705 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.19 W/kg

Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dB W/kg

2550MHz

Date: 2021-8-15

Electronics: DAE4 Sn1527

Medium: Head 2550MHz

Medium parameters used: $f = 2550 \text{ MHz}$; $\sigma = 1.938 \text{ S/m}$; $\epsilon_r = 38.126$; $\rho = 1000 \text{ kg/m}^3$

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

Probe: EX3DV4 – SN7621 ConvF (8.01, 8.01, 8.01);

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

Reference Value = 92.514 V/m; Power Drift = 0.02 dB

SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.35 W/kg

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

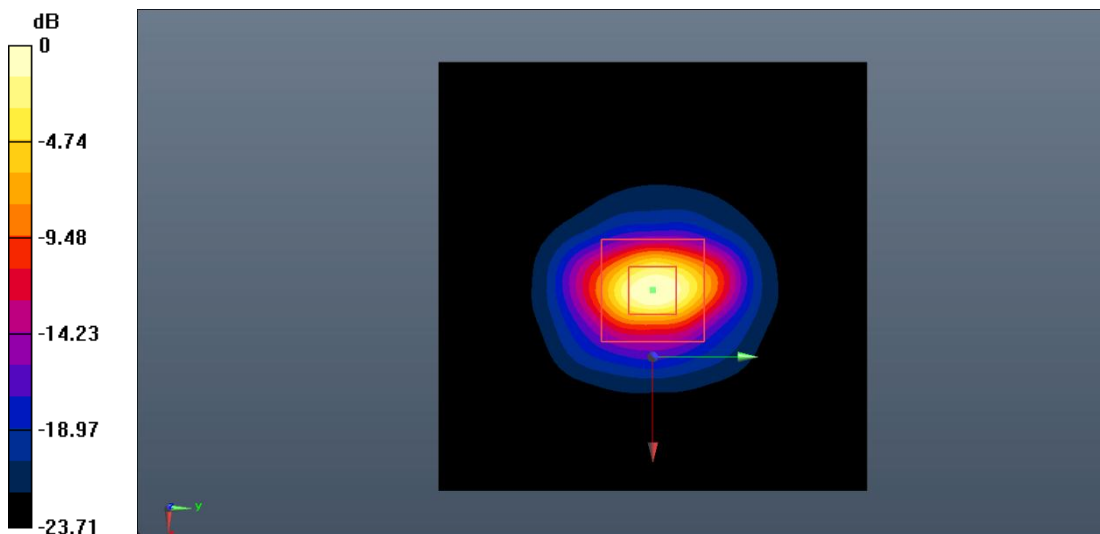
System Validation/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 92.514 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.47 W/kg

Maximum value of SAR (measured) = 16.4 W/kg



0 dB = 16.4 W/kg = 12.15 dB W/kg

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