# RASI-046Q –SAR APPENDIX 1

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- *All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)*

# Measurement Summary

| | Channel # | Channel Freq. (MHz) | Conducted Power (mW) | SAR 1g (W/Kg) | SAR 10g (W/Kg) |
|---|---|---|---|---|---|
| 2450MHz | 7 | 2412 | 30.4 | 0.070 | 0.040 |
| | 10 | 2437 | 31.1 | 0.093 | 0.053 |
| | 14 | 2462 | 33.2 | 0.055 | 0.031 |

| | Channel # | Channel Freq. (MHz) | Conducted Power (mW) | SAR 1g (W/Kg) | SAR 10g (W/Kg) |
|---|---|---|---|---|---|
| 5500MHz | 36 | 5180 | 18.4 | 0.029 | 0.00877 |
| | 40 | 5200 | 18.7 | --- | --- |
| | 44 | 5220 | 18.6 | 0.0504 | 0.0214 |
| | 48 | 5240 | 18.9 | --- | --- |
| | 52 | 5260 | 18.6 | 0.0304 | 0.0123 |
| | 56 | 5280 | 19.8 | --- | --- |
| | 60 | 5300 | 20 | <0.001 | <0.001 |
| | 64 | 5320 | 19.2 | --- | --- |
| | 100 | 5500 | 21.7 | <0.001 | <0.001 |
| | 104 | 5520 | 20.6 | --- | --- |
| | 108 | 5540 | 22 | <0.001 | <0.001 |
| | 112 | 5560 | 21.3 | --- | --- |
| | 116 | 5580 | 22.9 | <0.001 | <0.001 |
| | 120 | 5600 | 22.7 | --- | --- |
| | 124 | 5620 | 20.7 | <0.001 | <0.001 |
| | 128 | 5640 | 23.3 | --- | --- |
| | 132 | 5660 | 21.9 | <0.001 | <0.001 |
| | 136 | 5680 | 21.7 | --- | --- |
| | 140 | 5700 | 20.9 | <0.001 | <0.001 |
| | 149 | 5745 | 18.7 | --- | --- |
| | 153 | 5765 | 16.9 | 0.00237 | 0.000241 |
| | 157 | 5785 | 15.1 | --- | --- |
| | 161 | 5805 | 13.5 | 0.0364 | 0.00808 |
| | 165 | 5.825 | 12 | --- | --- |

## File Name: RASI-046Q Body 2412 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.926 S/m; $\varepsilon_r$ = 50.657; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

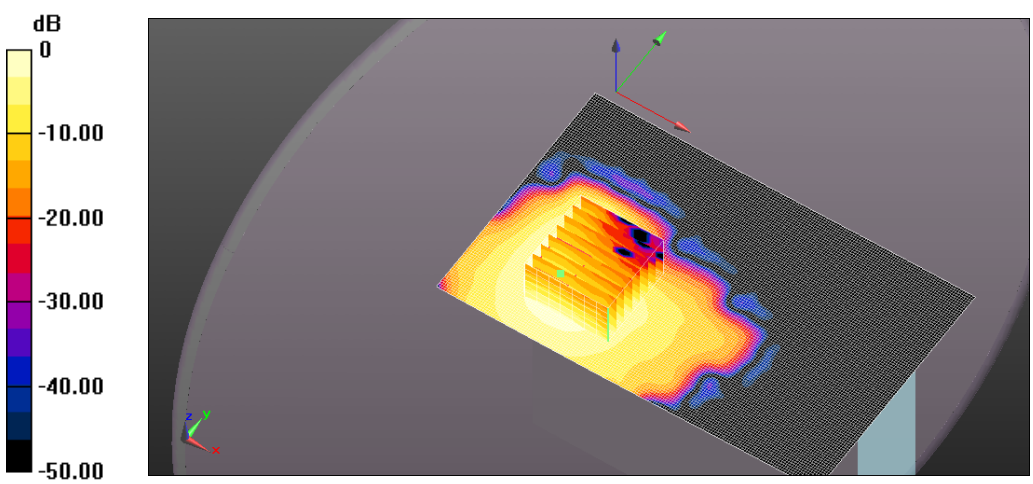
- Probe: ES3DV3 - SN3208; ConvF(4.46, 4.46, 4.46); Calibrated: 3/15/2024;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0854 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (8x8x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.240 V/m; Power Drift = 0.29 dB
Peak SAR (extrapolated) = 0.130 W/kg
**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.041 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0846 W/kg




0 dB = 0.0854 W/kg = -10.69 dBW/kg

## File Name: RASI-046Q Body 2437 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.936 S/m; $\varepsilon_r$ = 50.656; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

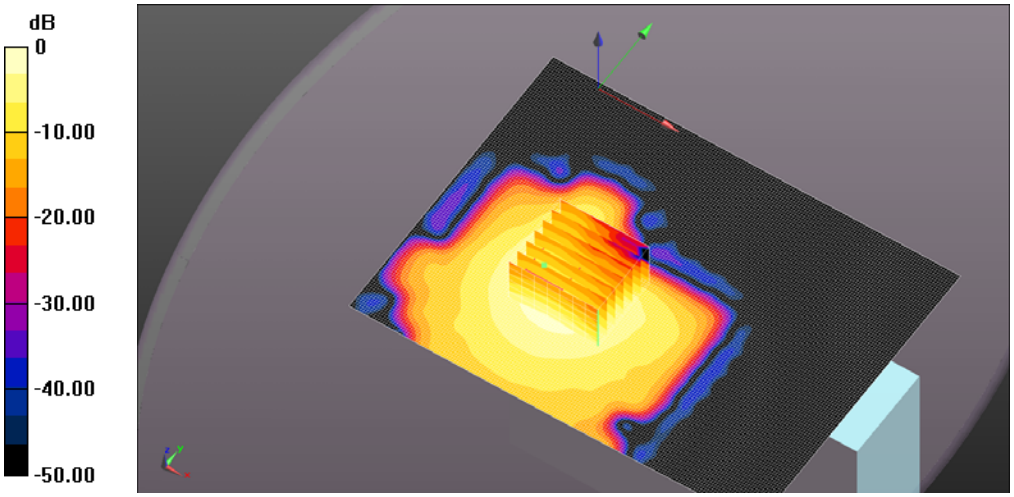
- Probe: ES3DV3 - SN3208; ConvF(4.46, 4.46, 4.46); Calibrated: 3/15/2024;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.116 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (8x7x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.214 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.175 W/kg
**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.053 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.114 W/kg




0 dB = 0.116 W/kg = -9.37 dBW/kg

## File Name: RASI-046Q Body 2462 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; $\sigma$ = 1.975 S/m; $\varepsilon_r$ = 50.561; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

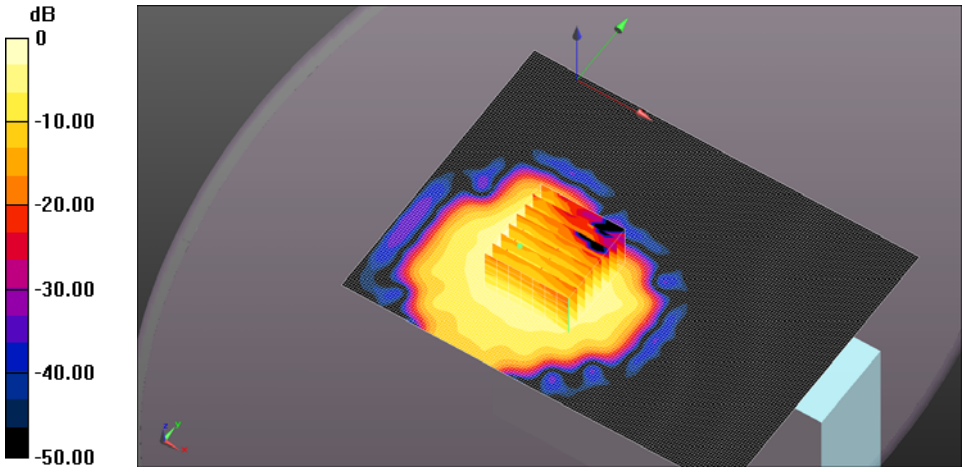
- Probe: ES3DV3 - SN3208; ConvF(4.46, 4.46, 4.46); Calibrated: 3/15/2024;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0695 W/kg

**Configuration_Body_RASI-044Q/Body, d=0mm/Zoom Scan (5x5x7) (8x8x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.510 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 0.104 W/kg
**SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.031 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0677 W/kg




0 dB = 0.0695 W/kg = -11.58 dBW/kg

## File Name: RASI-046Q Body 5180 MHz.da52:0

**DUT: RASI-045; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5180 MHz; $\sigma$ = 5.095 S/m; $\varepsilon_r$ = 46.323; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

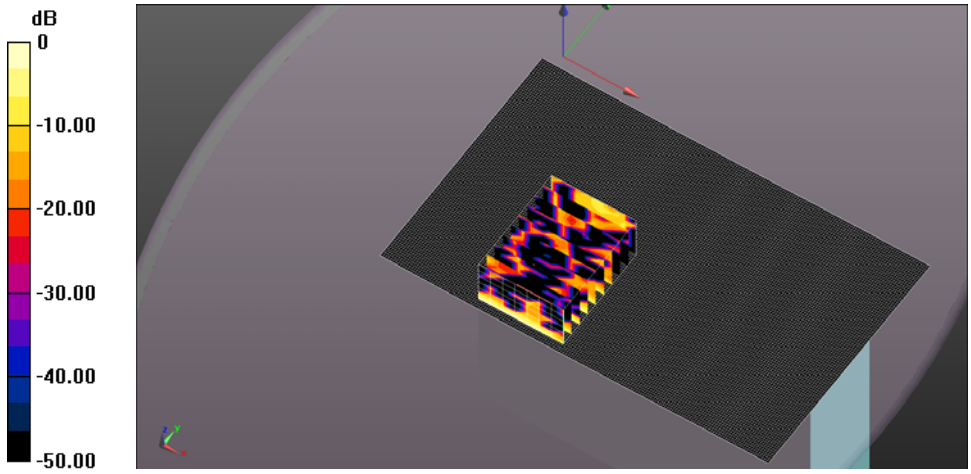
- Probe: EX3DV4 - SN3673; ConvF(4.97, 4.97, 4.97); Calibrated: 9/13/2023;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (8x10x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.888 V/m; Power Drift = 1.34 dB
Peak SAR (extrapolated) = 0.154 W/kg
**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00877 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0397 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5220 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5220 MHz; $\sigma$ = 5.156 S/m; $\varepsilon_r$ = 46.164; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

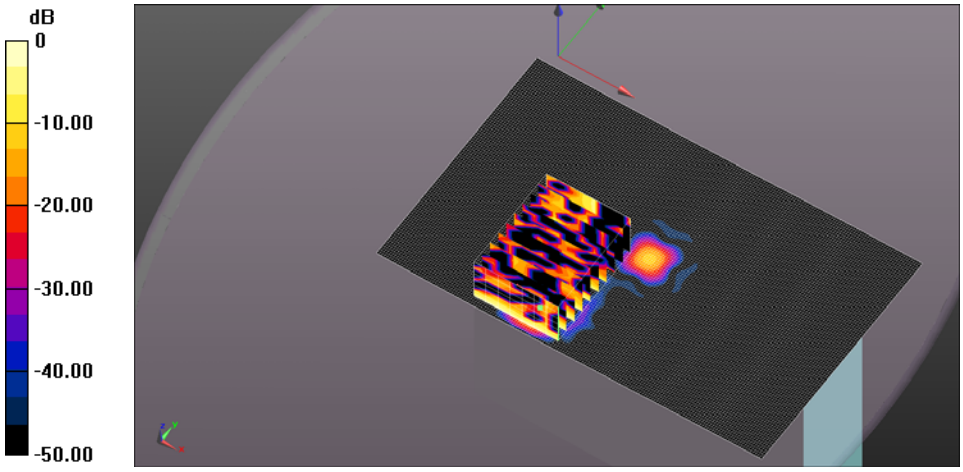
- Probe: EX3DV4 - SN3673; ConvF(4.97, 4.97, 4.97); Calibrated: 9/13/2023;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0685 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (8x10x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 2.680 V/m; Power Drift = -0.81 dB
Peak SAR (extrapolated) = 0.263 W/kg
**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.021 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0610 W/kg




0 dB = 0.0685 W/kg = -11.64 dBW/kg

## File Name: RASI-046Q Body 5260 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5260 MHz; $\sigma$ = 5.224 S/m; $\varepsilon_r$ = 46.065; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

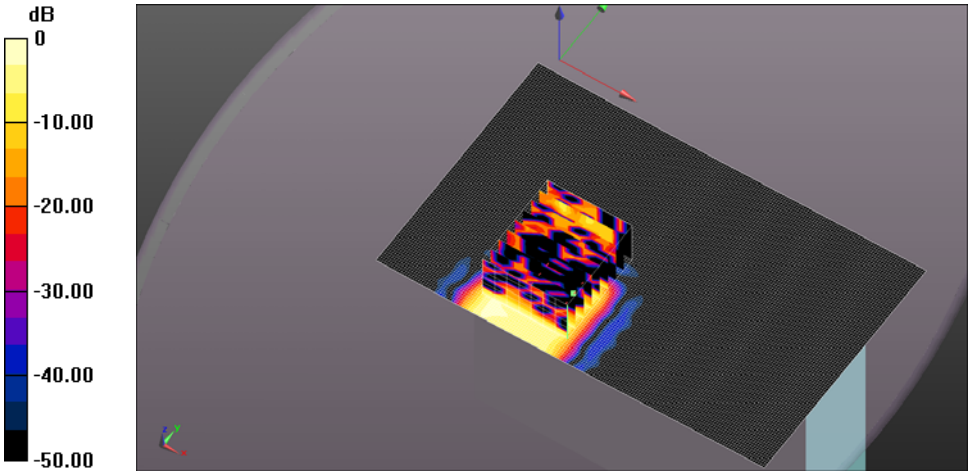
- Probe: EX3DV4 - SN3673; ConvF(4.82, 4.82, 4.82); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.264 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (8x9x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.041 V/m; Power Drift = -0.68 dB
Peak SAR (extrapolated) = 0.195 W/kg
**SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.012 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0973 W/kg




0 dB = 0.264 W/kg = -5.79 dBW/kg

## File Name: RASI-046Q Body 5300 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; $\sigma$ = 5.292 S/m; $\varepsilon_r$ = 46.005; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ;
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

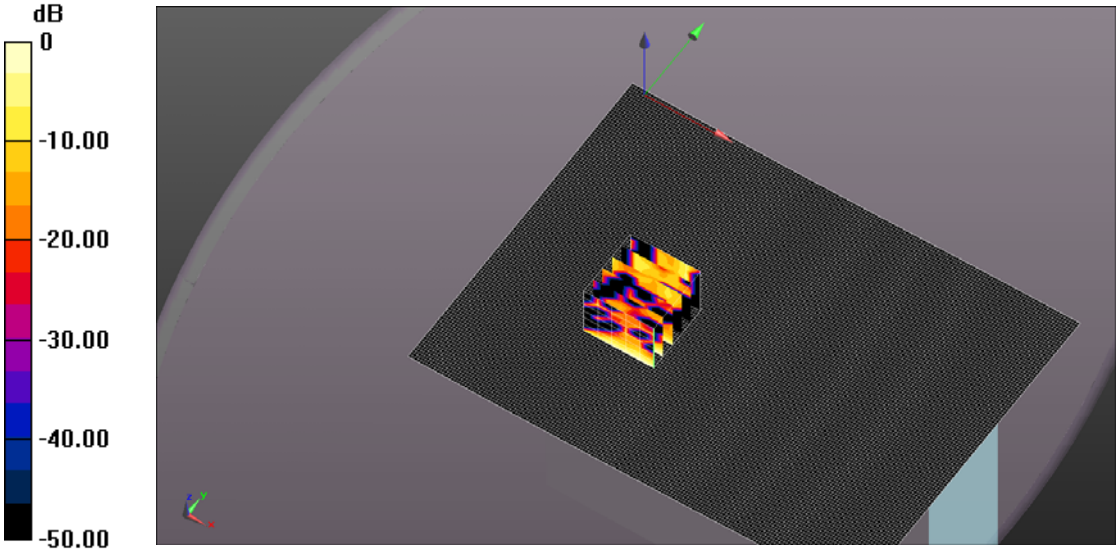
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.82, 4.82, 4.82); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.959 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.0526 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5500 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.568 S/m; $\varepsilon_r$ = 45.486; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ;
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

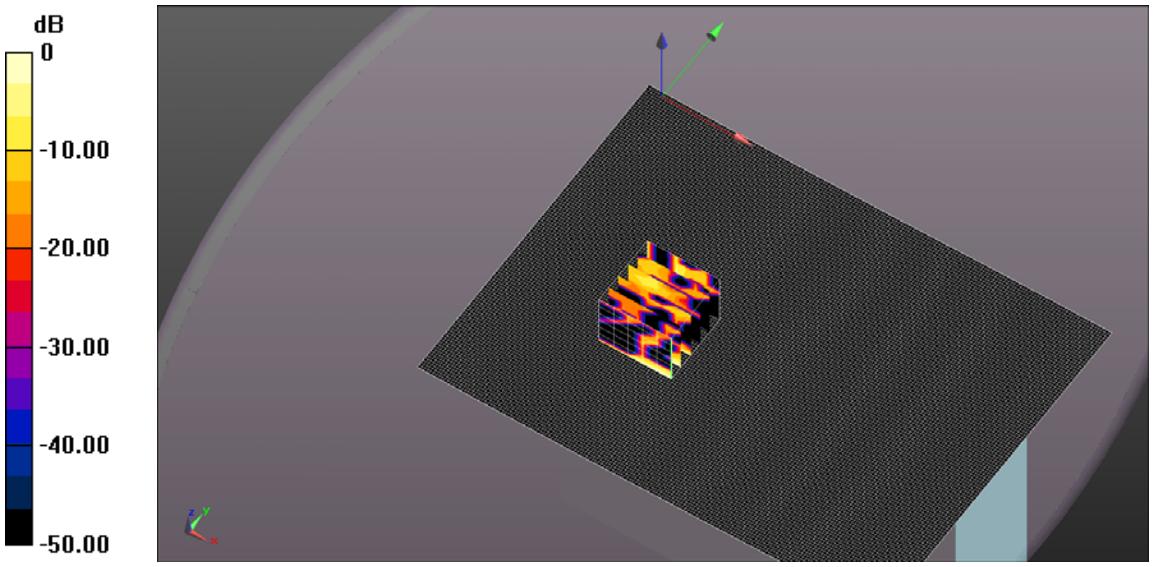
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.64, 4.64, 4.64); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.3090 V/m; Power Drift = 8.51 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.0487 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5540 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5540 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5540 MHz; $\sigma$ = 5.645 S/m; $\varepsilon_r$ = 45.348; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.64, 4.64, 4.64); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

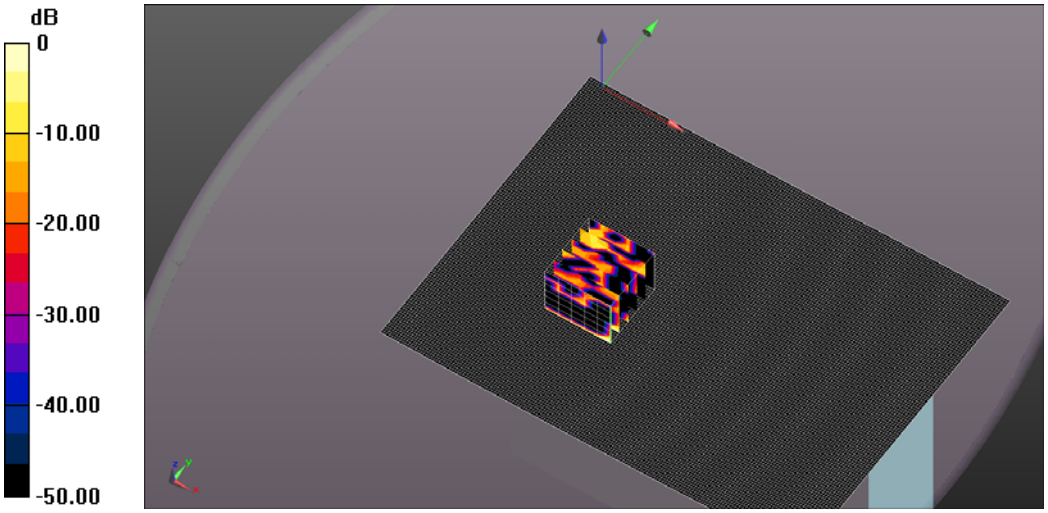
**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0419 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5580 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5580 MHz; $\sigma$ = 5.71 S/m; $\varepsilon_r$ = 45.338; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.5, 4.5, 4.5); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

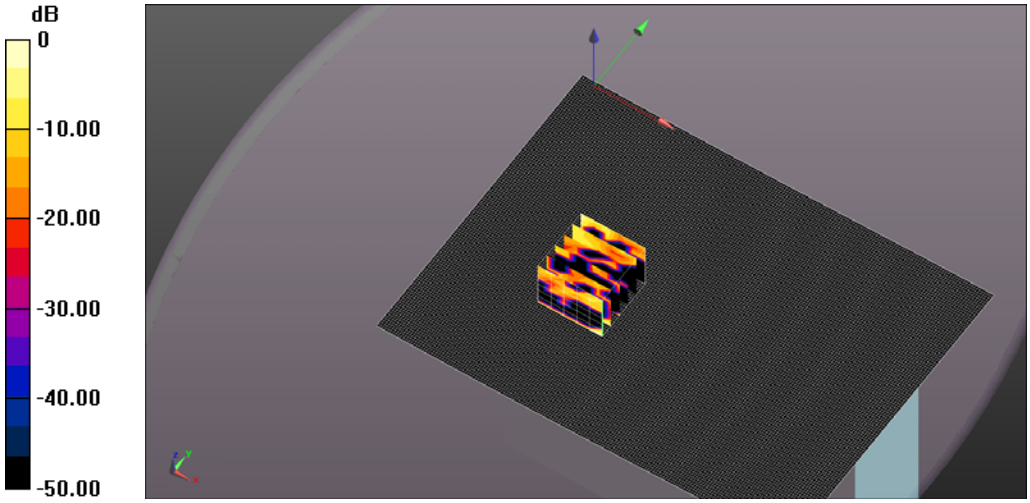
**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0294 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5620 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5620 MHz; $\sigma$ = 5.762 S/m; $\varepsilon_r$ = 45.23; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.5, 4.5, 4.5); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

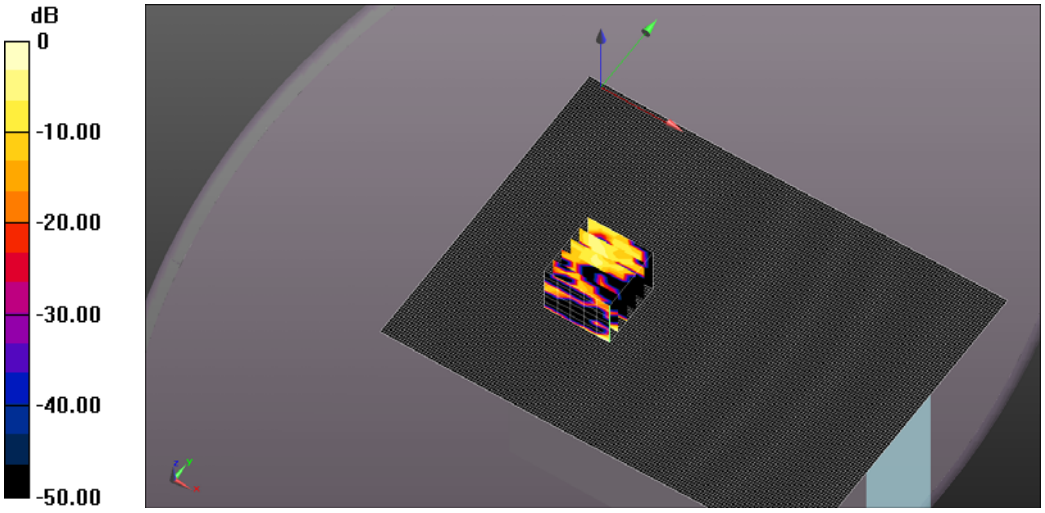
**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0289 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5660 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5660 MHz; $\sigma$ = 5.829 S/m; $\varepsilon_r$ = 45.094; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.5, 4.5, 4.5); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

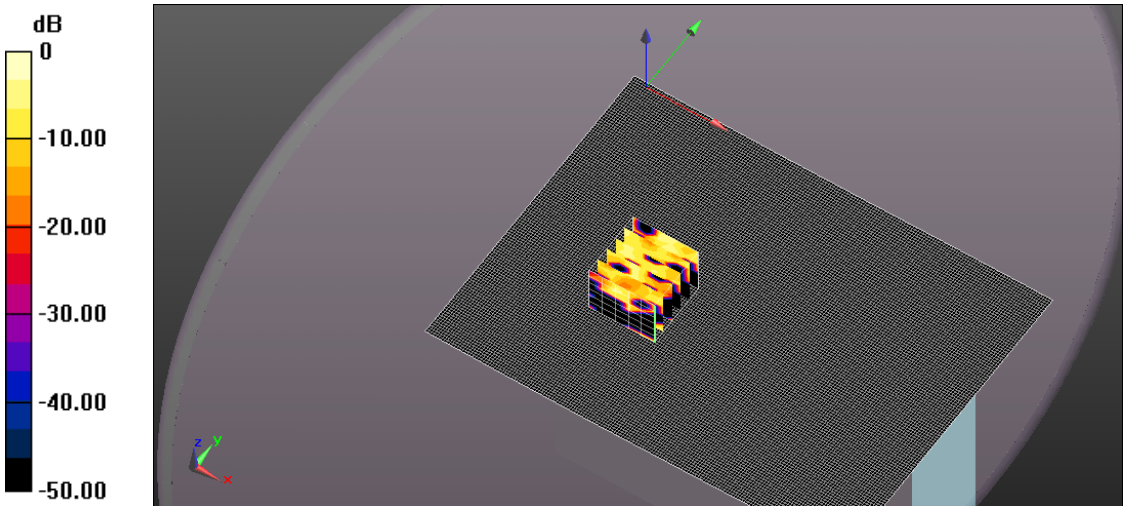
**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0214 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5700 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; $\sigma$ = 5.881 S/m; $\varepsilon_r$ = 45.081; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ;
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

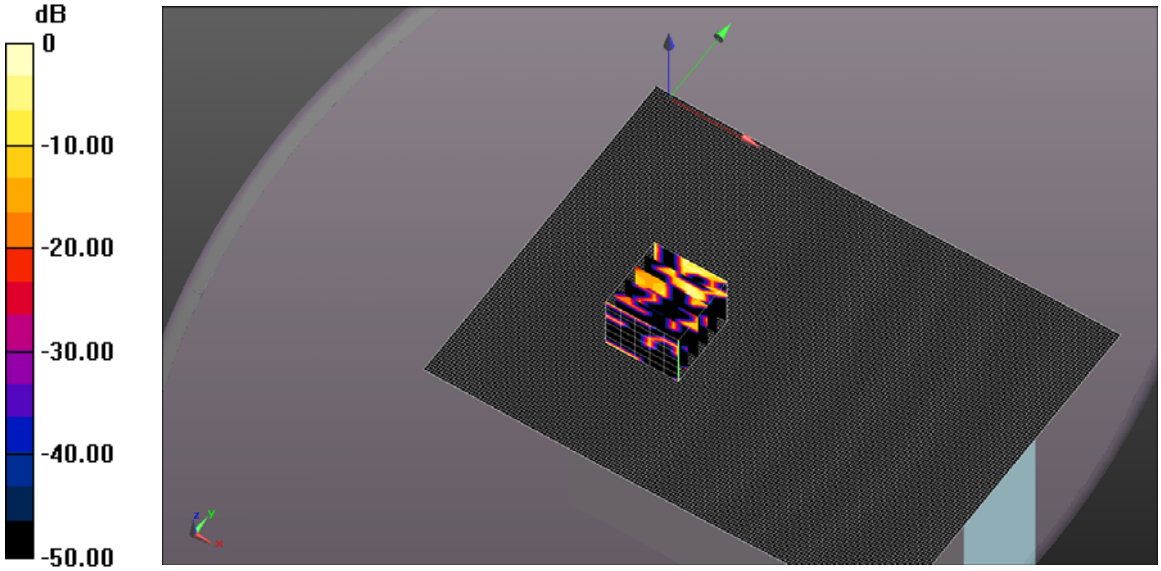
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(4.5, 4.5, 4.5); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.568 V/m; Power Drift = -4.56 dB
Peak SAR (extrapolated) = 0 W/kg
**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.0153 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5765 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5765 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5765 MHz; $\sigma$ = 5.975 S/m; $\varepsilon_r$ = 44.866; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

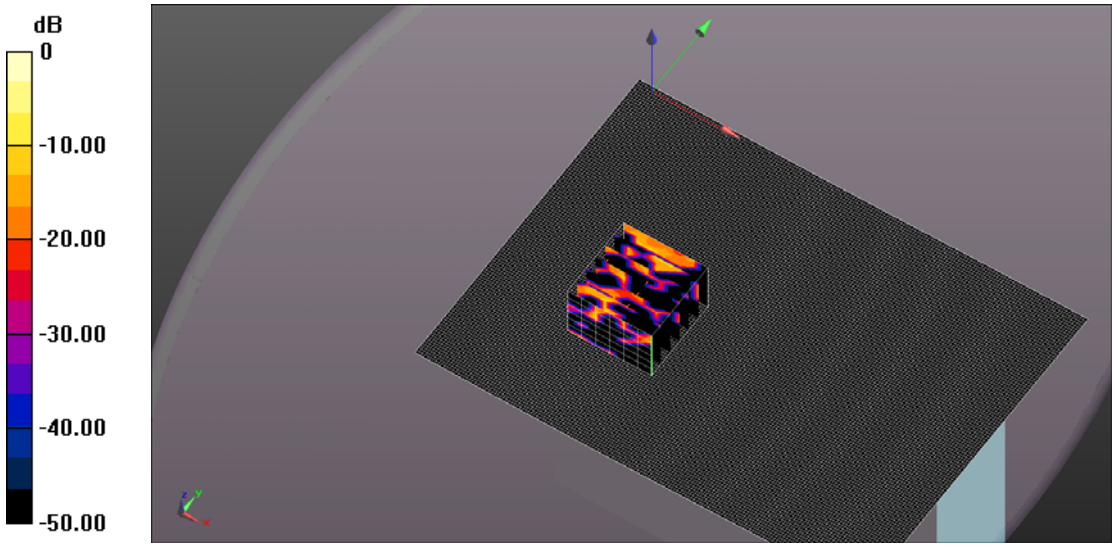
- Probe: EX3DV4 - SN3673; ConvF(4.52, 4.52, 4.52); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.422 V/m; Power Drift = 5.50 dB
Peak SAR (extrapolated) = 0.112 W/kg
**SAR(1 g) = 0.00237 W/kg; SAR(10 g) = 0.000241 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0591 W/kg




0 dB = 0 W/kg = -999.00 dBW/kg

## File Name: RASI-046Q Body 5805 MHz.da52:0

**DUT: RASI-046; Type: Not Specified; Serial: Not Specified**

Communication System: UID 0, CW (0); Frequency: 5805 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5805 MHz; $\sigma$ = 6.035 S/m; $\varepsilon_r$ = 44.86; $\rho$ = 1000 kg/m$^3$ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

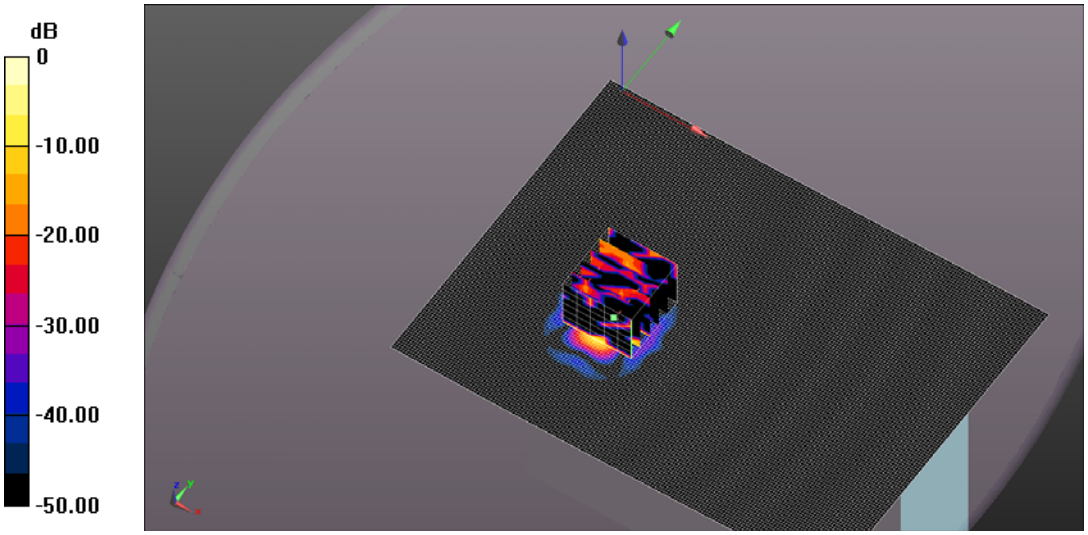
- Probe: EX3DV4 - SN3673; ConvF(4.52, 4.52, 4.52); Calibrated: 9/13/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/17/2023
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Configuration_Body_RASI-046Q/Body, d=0mm/Area Scan (161x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.150 W/kg

**Configuration_Body_RASI-046Q/Body, d=0mm/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.785 V/m; Power Drift = -1.50 dB
Peak SAR (extrapolated) = 0.239 W/kg
**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.00808 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.118 W/kg




0 dB = 0.150 W/kg = -8.23 dBW/kg