

Date: 2019/12/26

## Dipole 750 MHz\_SN:1015

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.916$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.68, 9.68, 9.68); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (41x141x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.59 W/kg

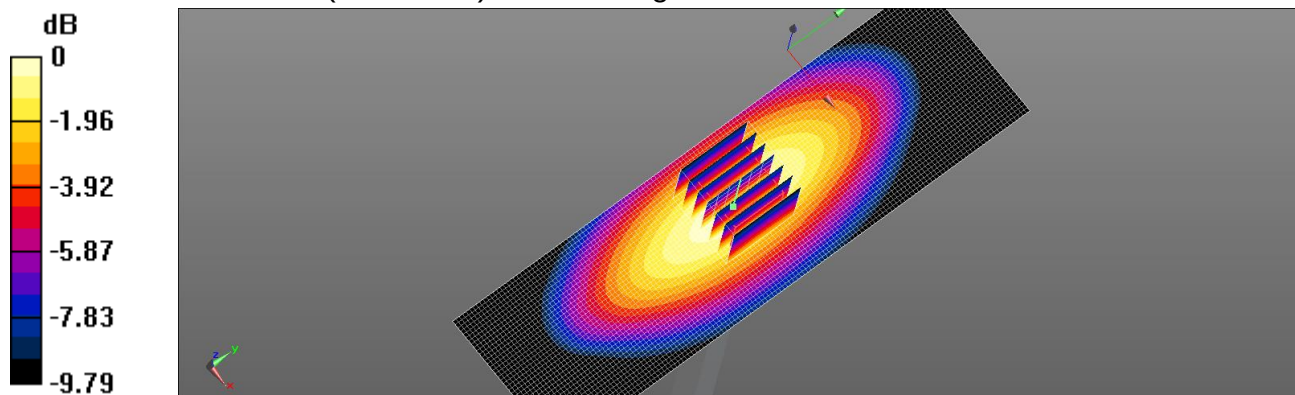
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.48 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.11 W/kg

**SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.4 W/kg**

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg = 4.22 dBW/kg

Date: 2019/12/27

## Dipole 750 MHz\_SN:1015

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 42.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 – SN3770; ConvF(9.68, 9.68, 9.68); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (41x141x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.63 W/kg

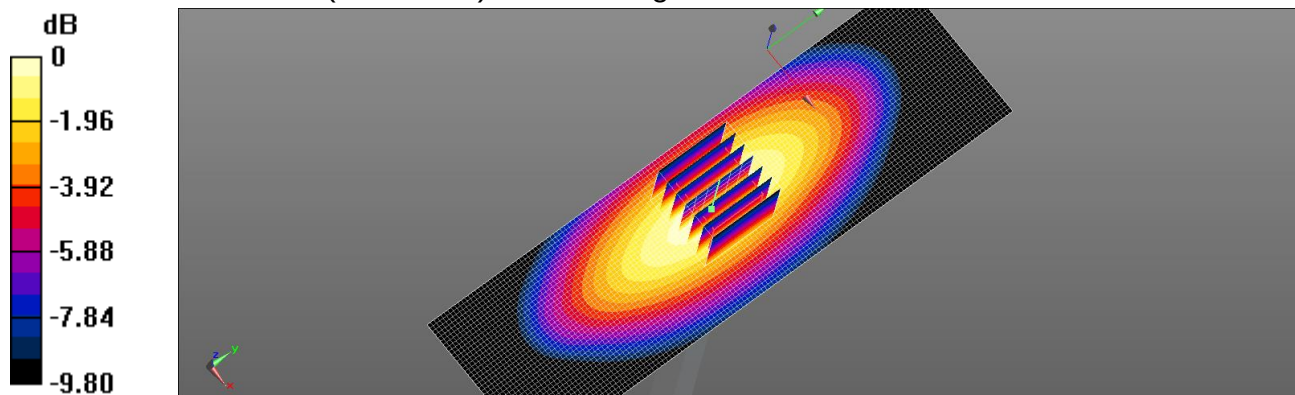
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.85 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.16 W/kg

**SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.42 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

Date: 2019/12/25

### Dipole 835 MHz\_SN:4d063

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 43.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 22.0°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.44, 9.44, 9.44); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (41x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.89 W/kg

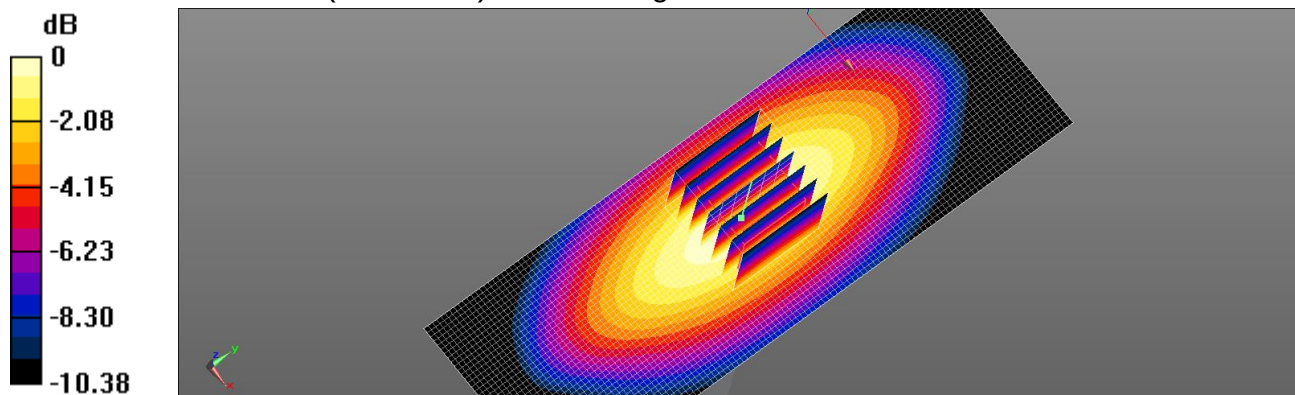
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.59 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.52 W/kg**

Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.92 W/kg = 4.65 dBW/kg

Date: 2019/12/24

## Dipole 1750 MHz\_SN:1008

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

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.339$  S/m;  $\epsilon_r = 39.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.1°C; Liquid temperature: 20.5°C

### DASY5 Configuration:

- Probe: EX3DV4 – SN3770; ConvF(8.44, 8.44, 8.44); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

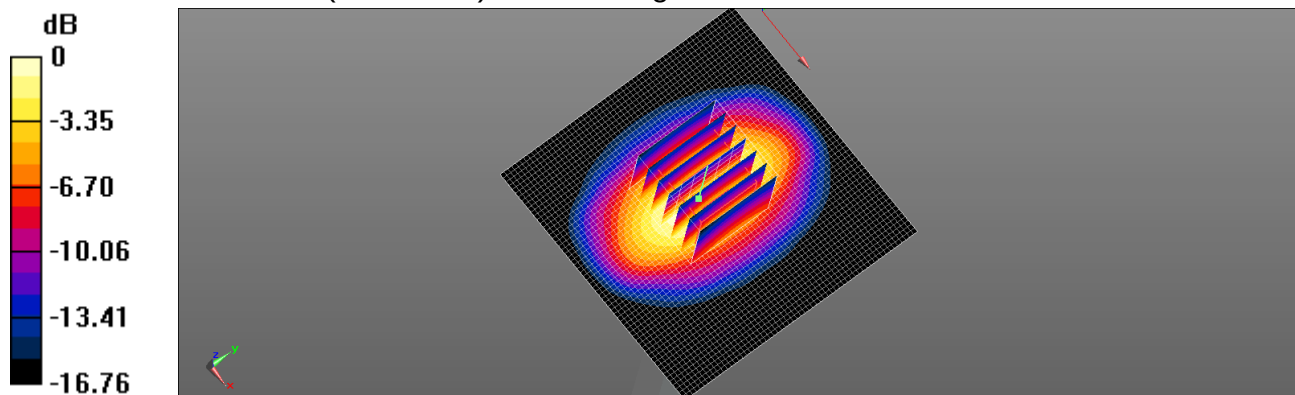
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.90 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 8.45 W/kg; SAR(10 g) = 4.54 W/kg**

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

Date: 2019/12/23

## Dipole 1900 MHz\_SN:5d173

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.466$  S/m;  $\epsilon_r = 38.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.9°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.23., 8.23, 8.23); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 14.6 W/kg

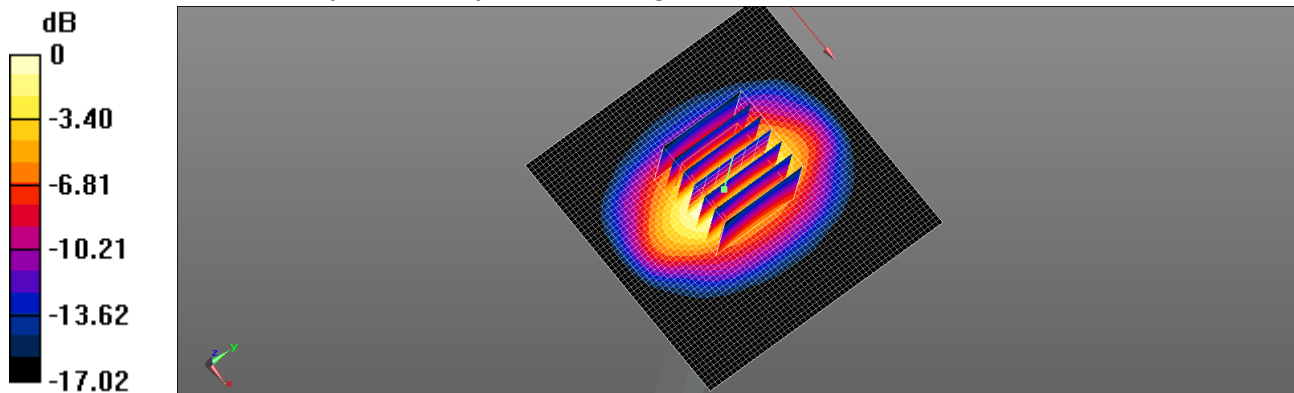
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.77 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.45 W/kg**

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

Date: 2019/12/20

## Dipole 1900 MHz\_SN:5d173

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.458$  S/m;  $\epsilon_r = 39.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.23., 8.23, 8.23); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 14.2 W/kg

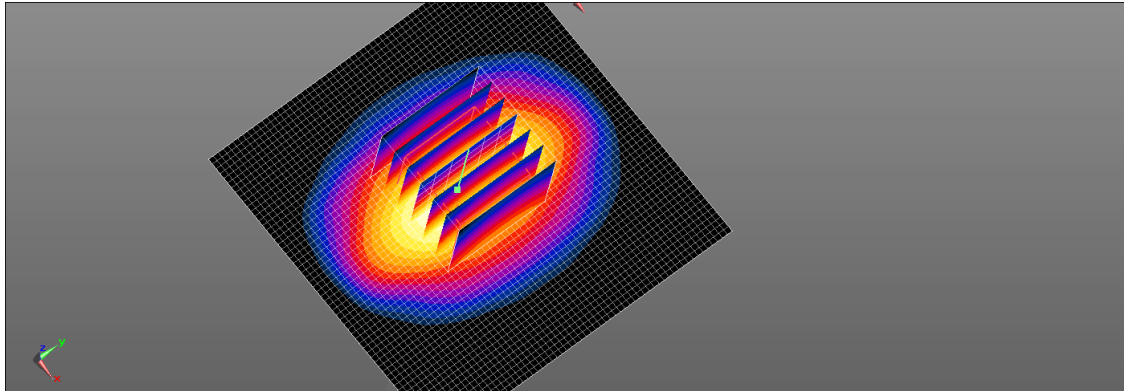
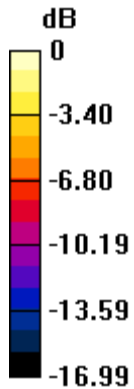
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.62 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 18.0 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 5.3 W/kg**

Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg

Date: 2019/12/18

### Dipole 2450 MHz\_SN:727

Communication System: UID 10000, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.866$  S/m;  $\epsilon_r = 38.539$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.8°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.48, 7.48, 7.48); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (51x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 23.9 W/kg

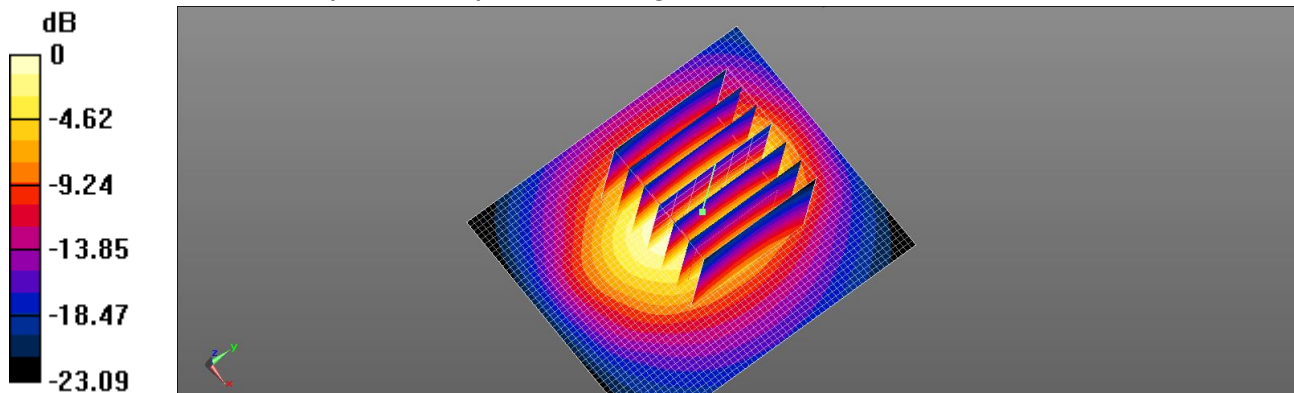
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.6 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.8 W/kg

**SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.66 W/kg**

Maximum value of SAR (measured) = 22.4 W/kg



0 dB = 22.4 W/kg = 13.50 dBW/kg

Date: 2019/12/18

## Dipole 2600 MHz\_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.952$  S/m;  $\epsilon_r = 37.169$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 22.9 W/kg

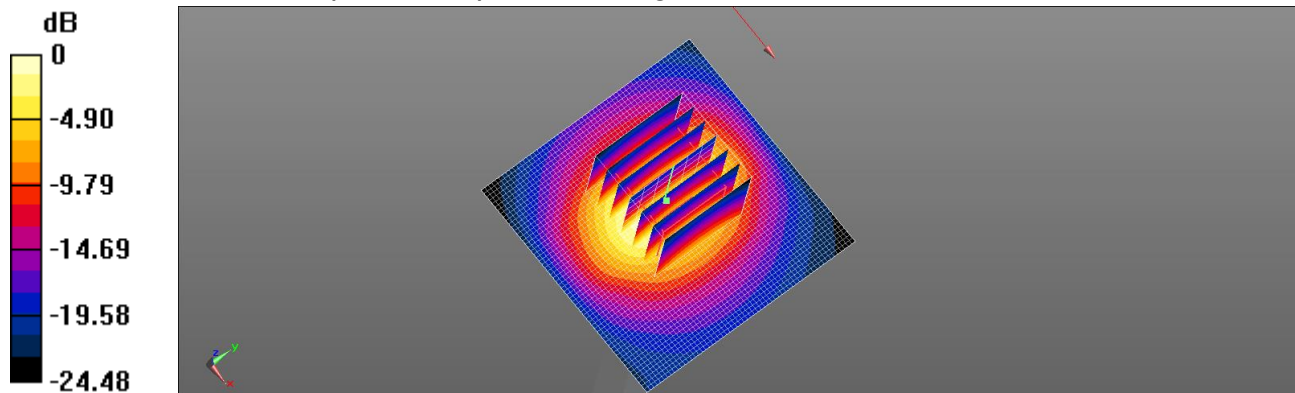
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.2 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.0 W/kg

**SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.15 W/kg**

Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 dBW/kg

Date: 2019/12/19

## Dipole 2600 MHz\_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.999$  S/m;  $\epsilon_r = 37.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

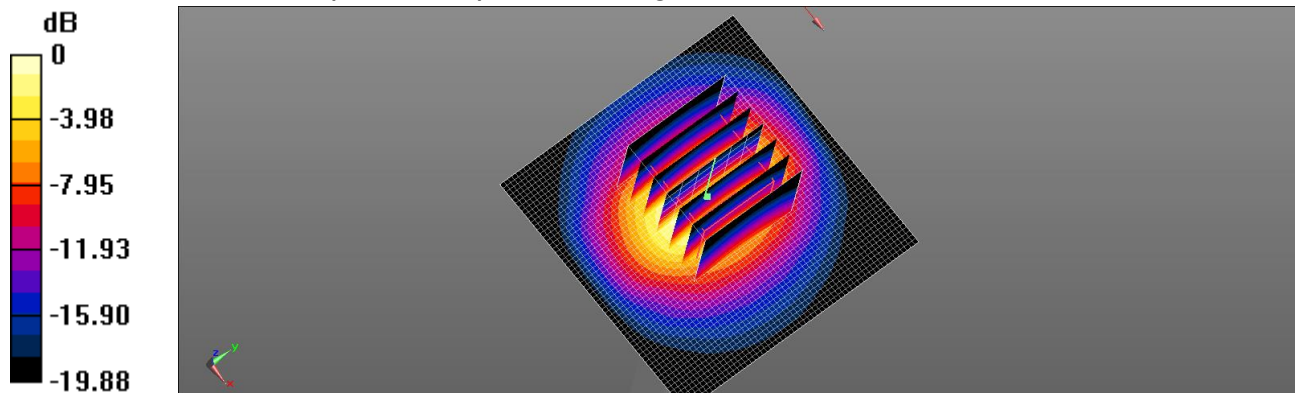
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.7 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 32.7 W/kg

**SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.29 W/kg**

Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.1 W/kg = 13.64 dBW/kg

Date: 2019/12/16

### Dipole 5300 MHz\_SN:1023

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.599$  S/m;  $\epsilon_r = 35.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.3, 5.3, 5.3); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 17.8 W/kg

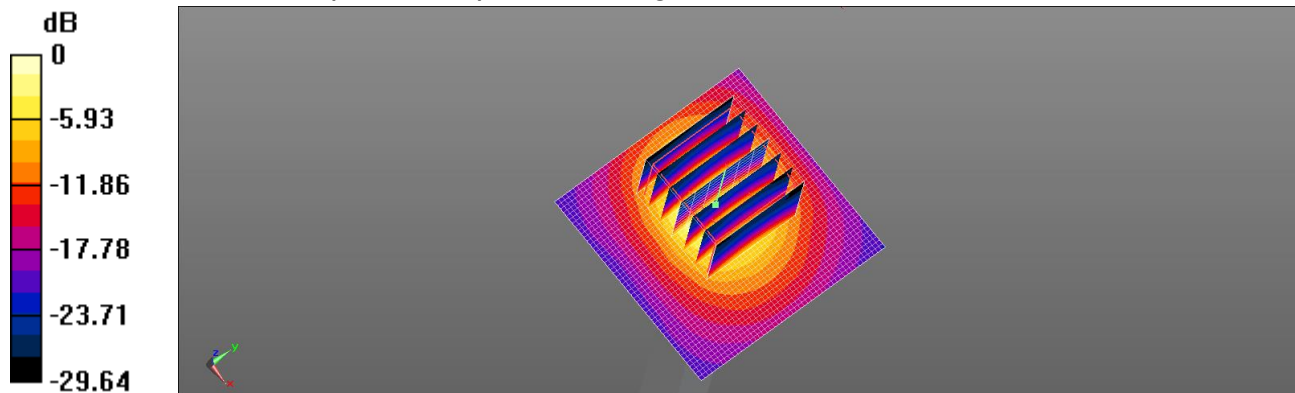
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.30 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 39.0 W/kg

**SAR(1 g) = 8.41 W/kg; SAR(10 g) = 2.4 W/kg**

Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg

Date: 2019/12/16

## Dipole 5600 MHz\_SN:1023

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.987$  S/m;  $\epsilon_r = 34.593$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.82, 4.82, 4.82); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 18.5 W/kg

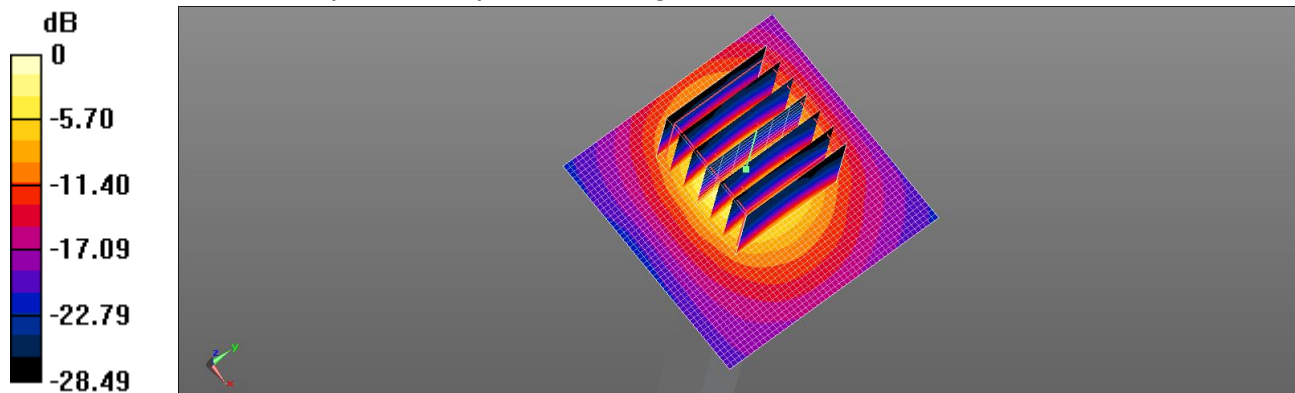
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 57.53 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 43.6 W/kg

**SAR(1 g) = 8.56 W/kg; SAR(10 g) = 2.42 W/kg**

Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg = 12.67 dBW/kg

Date: 2019/12/17

## Dipole 5800 MHz\_SN:1023

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.249$  S/m;  $\epsilon_r = 33.893$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.12, 5.12, 5.12); Calibrated: 2019/4/29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=100mW/Area Scan (51x51x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 17.6 W/kg

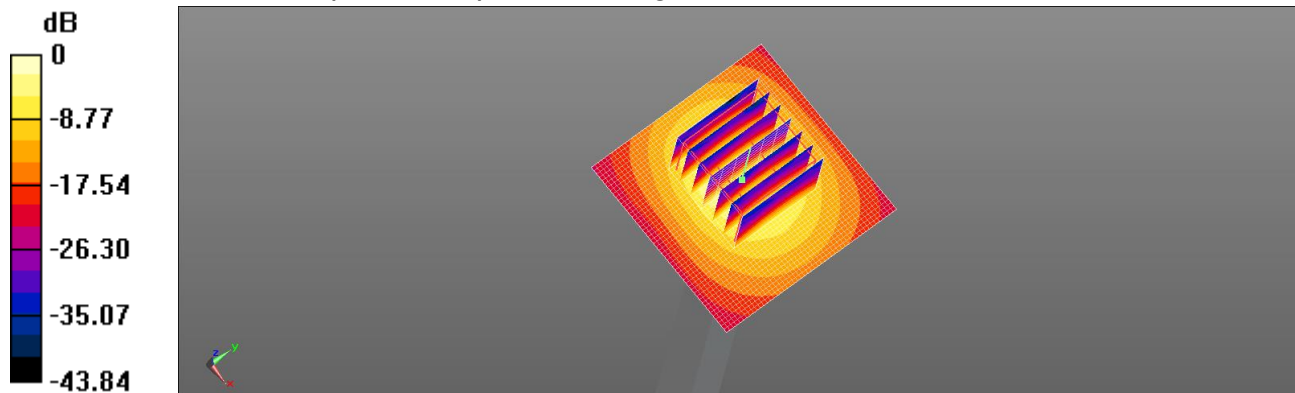
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.44 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 42.7 W/kg

**SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.25 W/kg**

Maximum value of SAR (measured) = 17.4 W/kg



0 dB = 17.4 W/kg = 12.41 dBW/kg