

Date: 2019/5/6

## Dipole 750 MHz\_SN:1015

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

Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.971$  S/m;  $\epsilon_r = 57.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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) = 2.64 W/kg

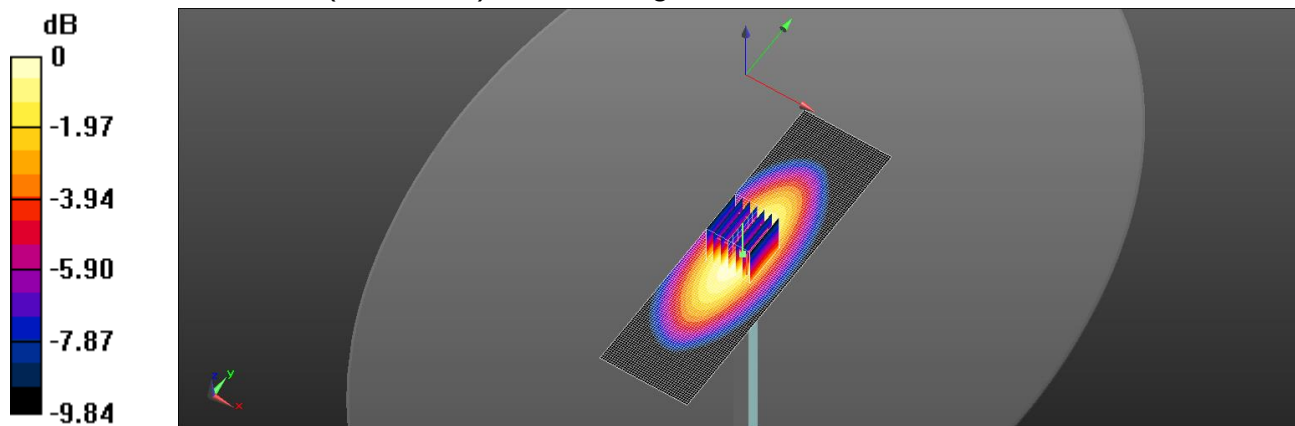
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.76 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.05 W/kg

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

Maximum value of SAR (measured) = 2.62 W/kg



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### Dipole 835 MHz\_SN:4d063

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 56.437$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.04, 10.04, 10.04); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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) = 3.08 W/kg

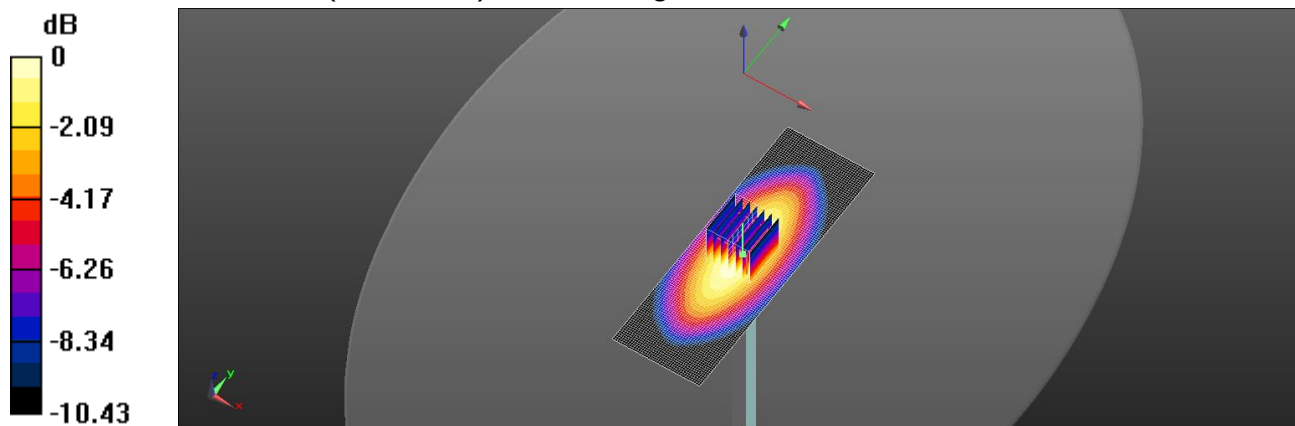
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.62 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.63 W/kg

**SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.58 W/kg**

Maximum value of SAR (measured) = 3.09 W/kg



0 dB = 3.09 W/kg = 4.90 dBW/kg

Date: 2019/5/7

## Dipole 1750 MHz\_SN:1008

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

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.466$  S/m;  $\epsilon_r = 51.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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) = 12.8 W/kg

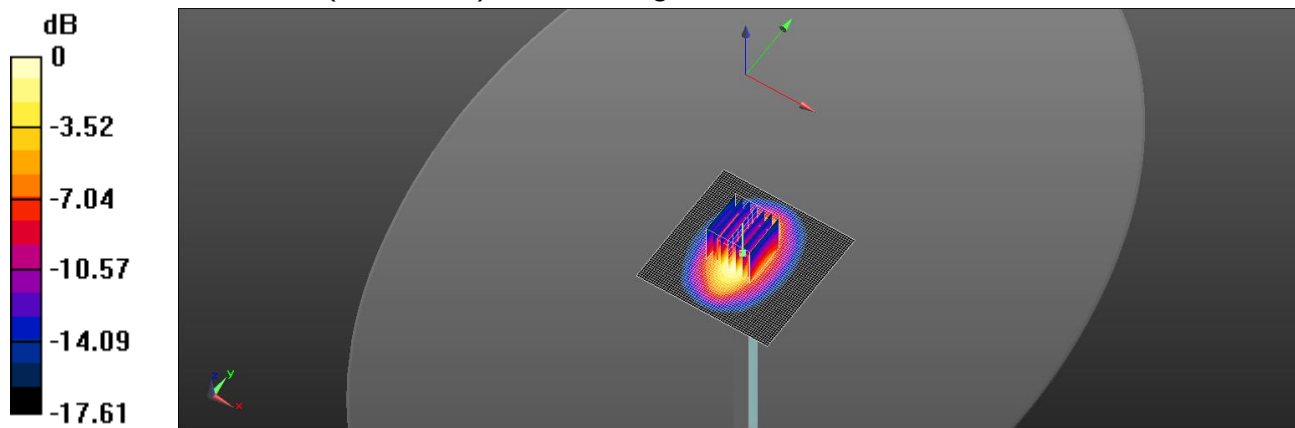
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.15 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 16.7 W/kg

**SAR(1 g) = 8.93 W/kg; SAR(10 g) = 4.63 W/kg**

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



0 dB = 13.0 W/kg = 11.14 dBW/kg

Date: 2019/5/8

## Dipole 1900 MHz\_SN:5d018

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.586$  S/m;  $\epsilon_r = 50.891$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.04, 8.04, 8.04); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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) = 14.3 W/kg

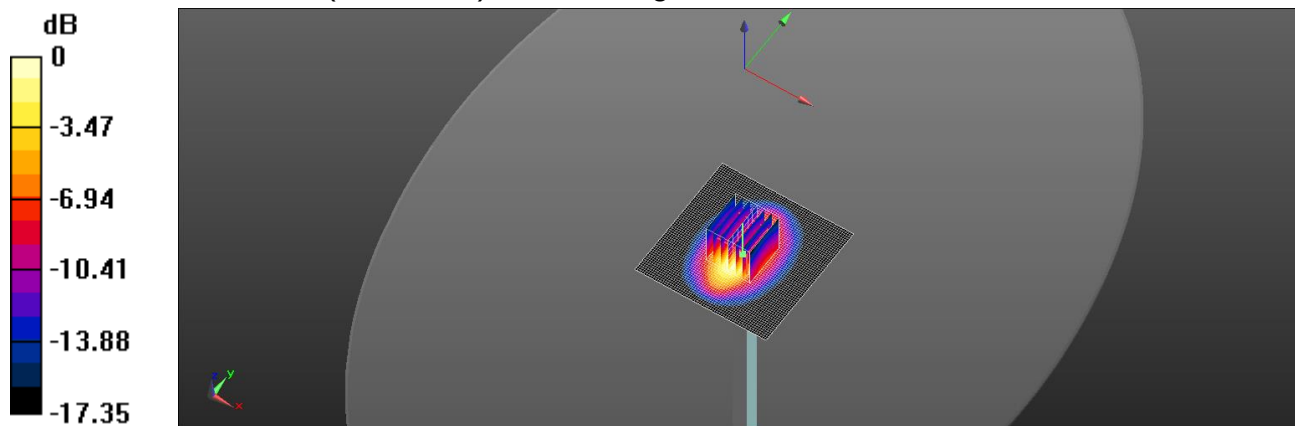
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.55 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 18.1 W/kg

**SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.1 W/kg**

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

Date: 2019/5/6

## Dipole 2450 MHz\_SN 869\_Body

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

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 53.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Pin=250mW/Area Scan (51x51x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 20.8 W/kg

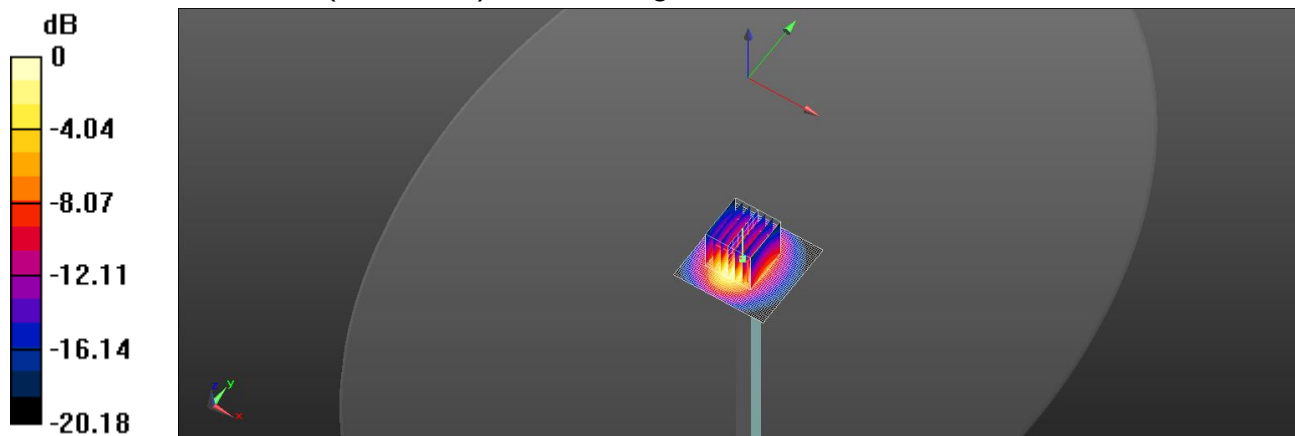
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 25.2 W/kg

**SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.42 W/kg**

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

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## Dipole 5300 MHz\_SN 1040\_Body

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

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.323$  S/m;  $\epsilon_r = 49.056$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.8, 4.8, 4.8); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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) = 16.1 W/kg

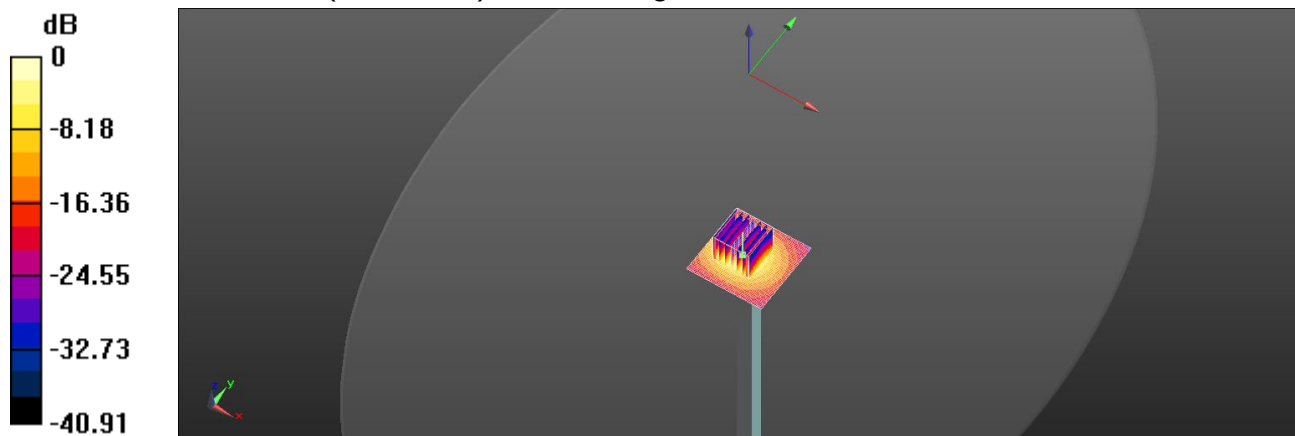
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 52.75 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 32.2 W/kg

**SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 16.1 W/kg = 12.07 dBW/kg

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## Dipole 5600 MHz\_SN 1040\_Body

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

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.806$  S/m;  $\epsilon_r = 48.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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

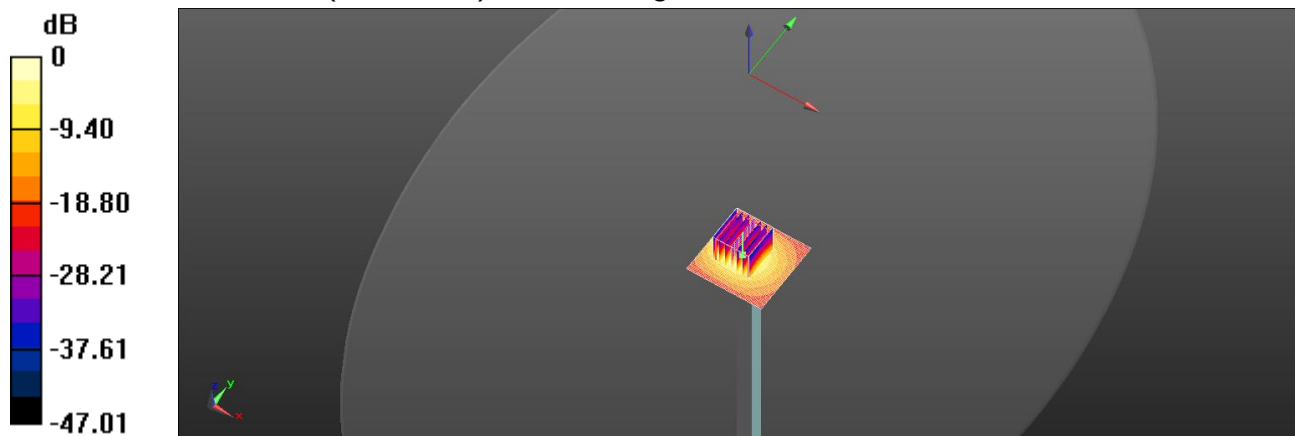
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 52.97 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 36.8 W/kg

**SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.24 W/kg**

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



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

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## Dipole 5800 MHz\_SN 1040\_Body

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

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.143$  S/m;  $\epsilon_r = 47.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.38, 4.38, 4.38); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- 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) = 16.6 W/kg

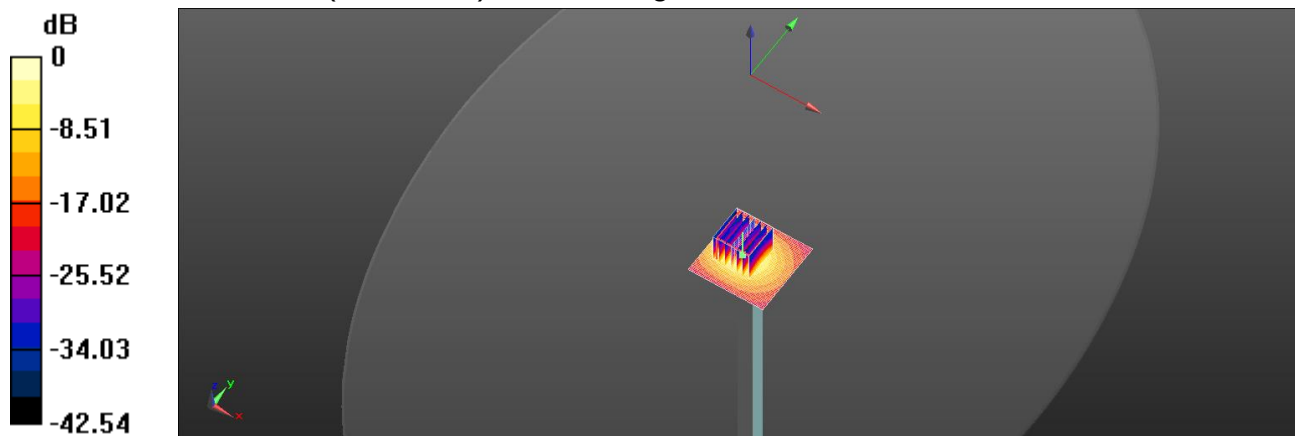
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 49.53 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 36.2 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.08 W/kg**

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



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