

System Check_H750_10dBm

DUT: Dipole 750 MHz

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

Medium: H750 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.42, 6.42, 6.42); Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.094 mW/g

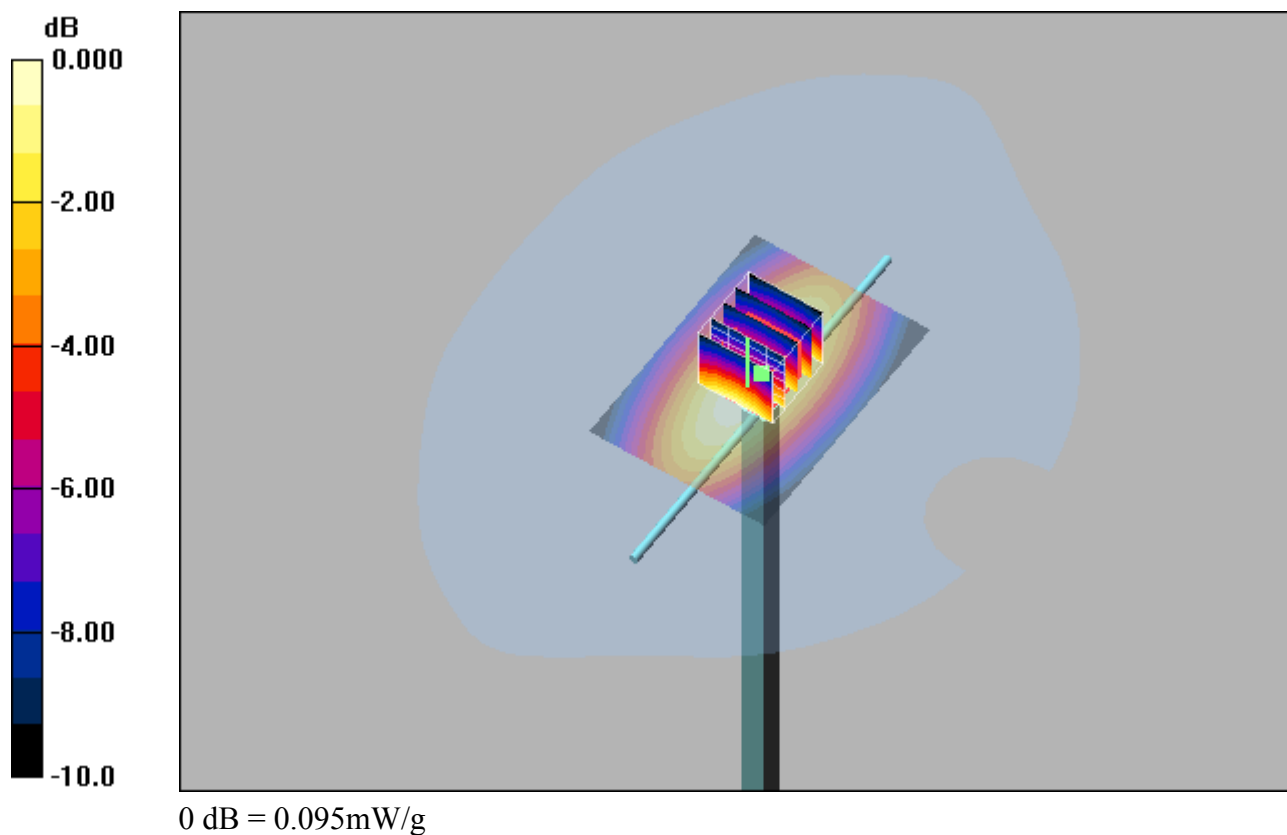
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.6 V/m ; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.083 mW/g ; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.095 mW/g



System Check_H835_10dBm

DUT: Dipole 835 MHz

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

Medium: H835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.919 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.25, 6.25, 6.25); Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.112 mW/g

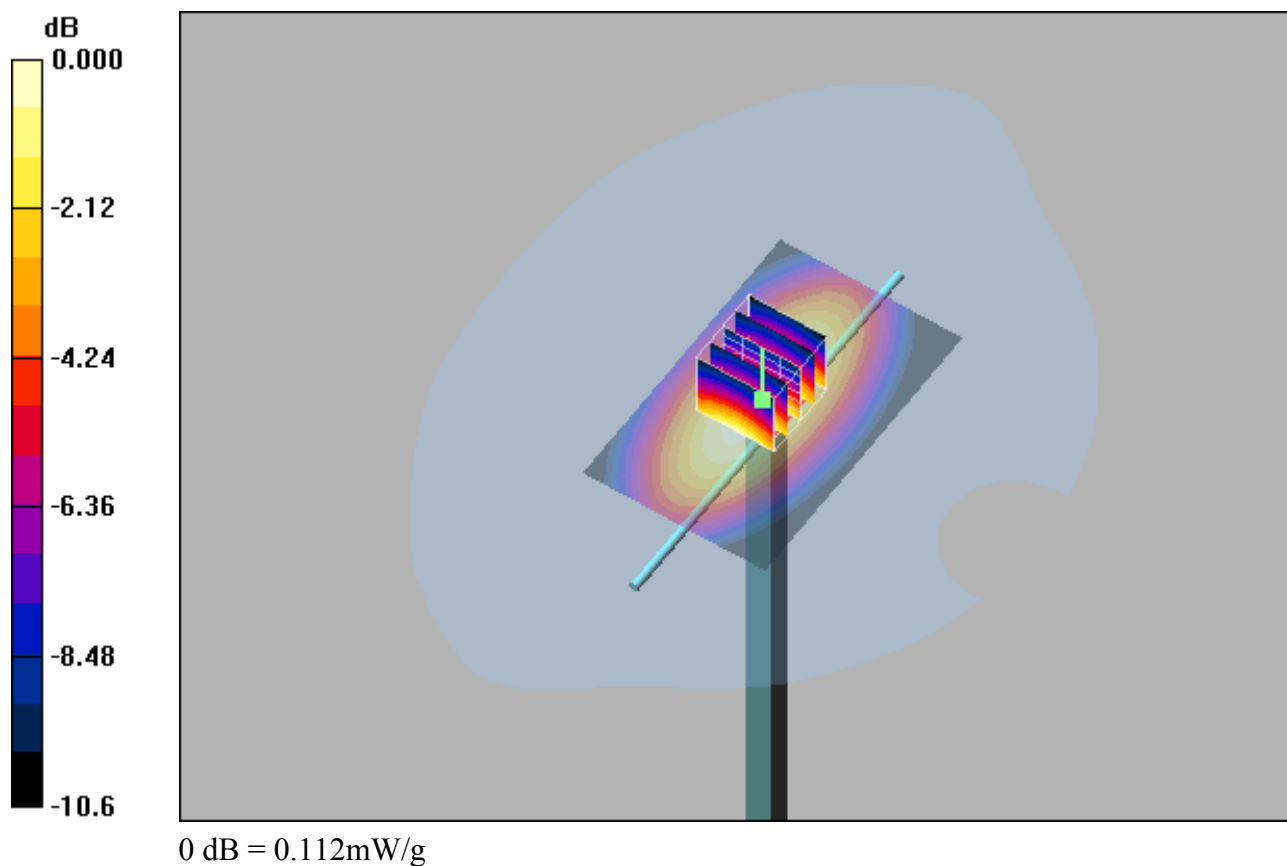
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m ; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.096 mW/g ; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.112 mW/g



System Check_H1750_10dBm

DUT: Dipole 1750 MHz

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

Medium: H1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.37, 5.37, 5.37); Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.434 mW/g

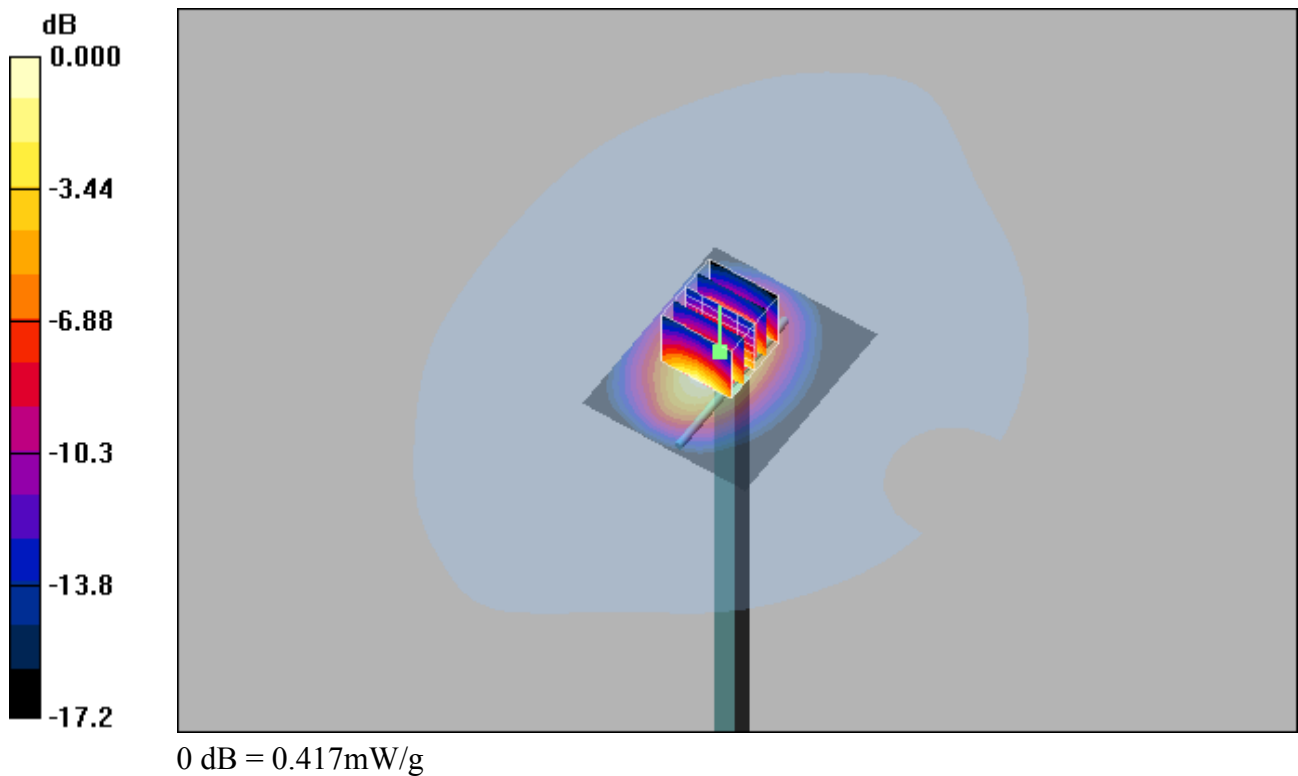
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.417 mW/g



System Check_H1900_10dBm**DUT: Dipole 1900 MHz**

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

Medium: H1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.11, 5.11, 5.11); Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.484 mW/g

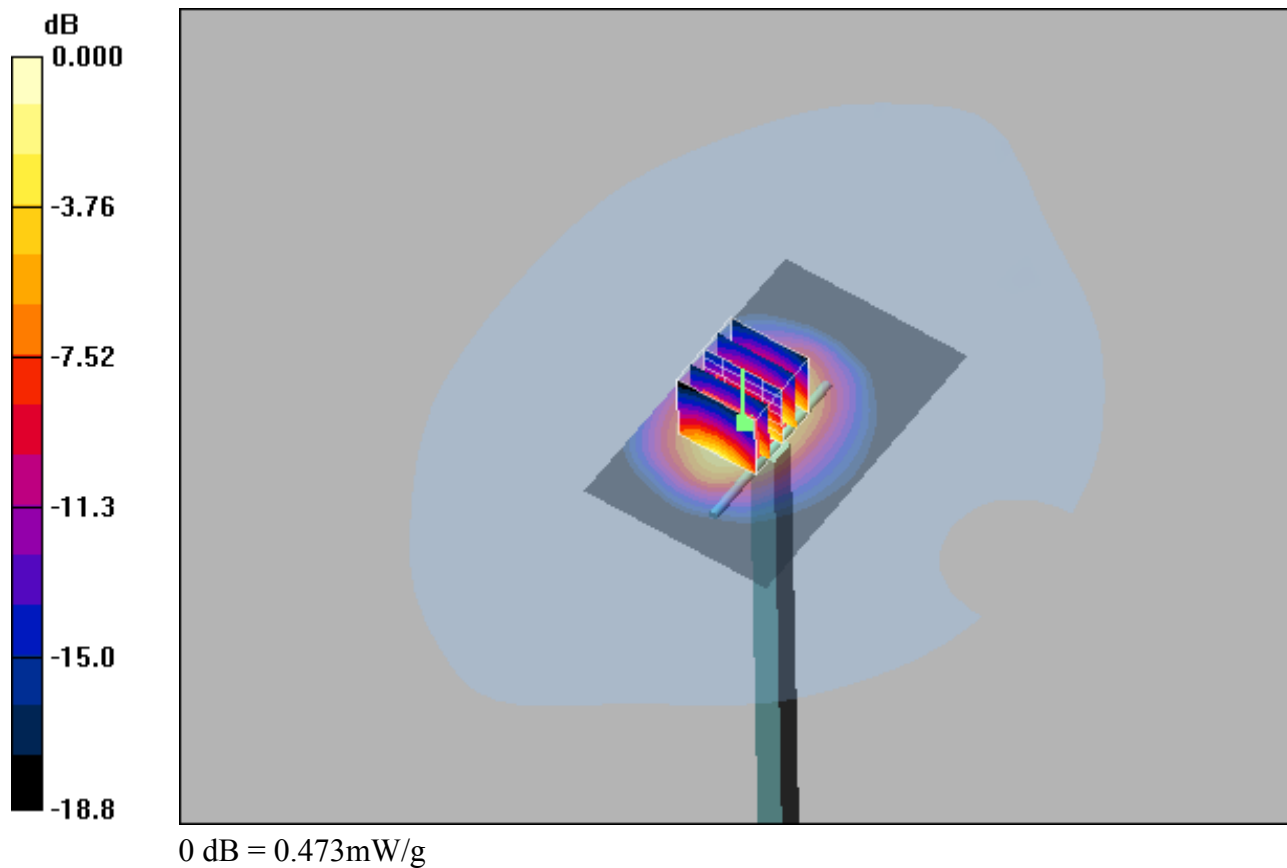
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.473 mW/g



System Check_H2450_10dBm**DUT: Dipole 2450 MHz**

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

Medium: H2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.75$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.68, 4.68, 4.68); Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.658 mW/g

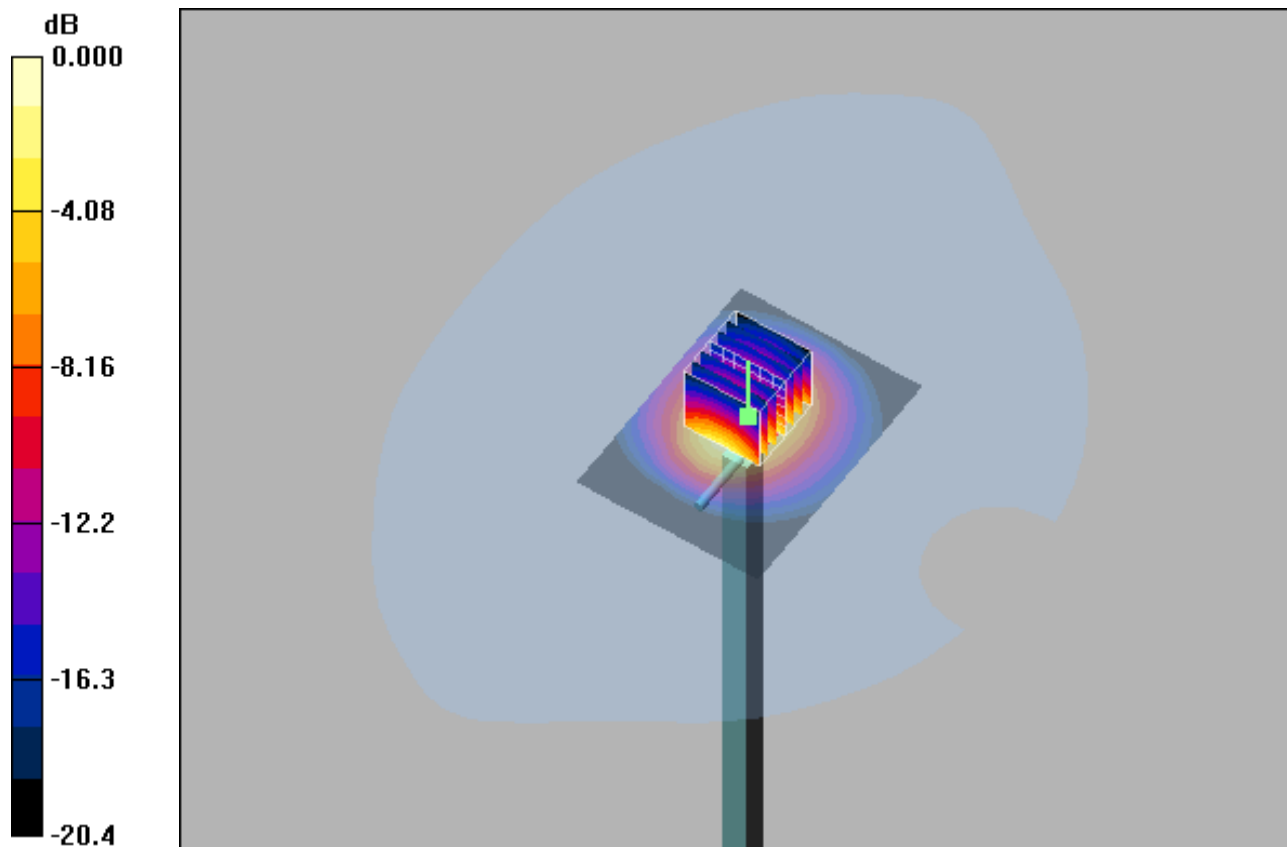
System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.629 mW/g



0 dB = 0.629mW/g

System Check_H2600_10dBm

DUT: Dipole 2600 MHz

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

Medium: H2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.53, 4.53, 4.53); Calibrated: 2023/3/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

System check/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.722 mW/g

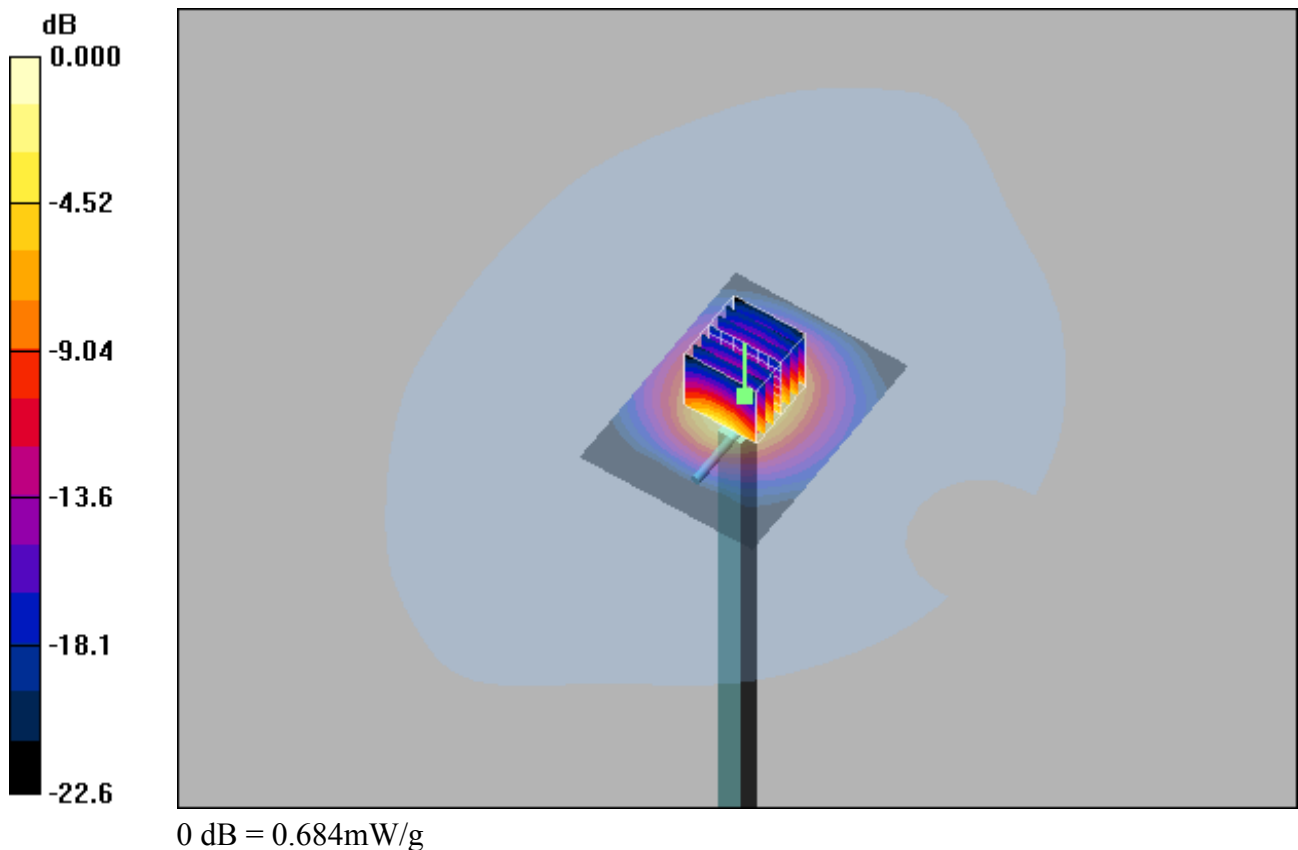
System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



System Check-D5GHz_H5250

DUT: Dipole D5GHzV2 SN:1280

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5250$ MHz; $\sigma = 4.691$ S/m; $\epsilon_r = 35.418$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN3818; ConvF(5.55, 5.55, 5.55) @ 5250 MHz; Calibrated: 2022/8/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.9 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.83 V/m; Power Drift = -0.04 dB

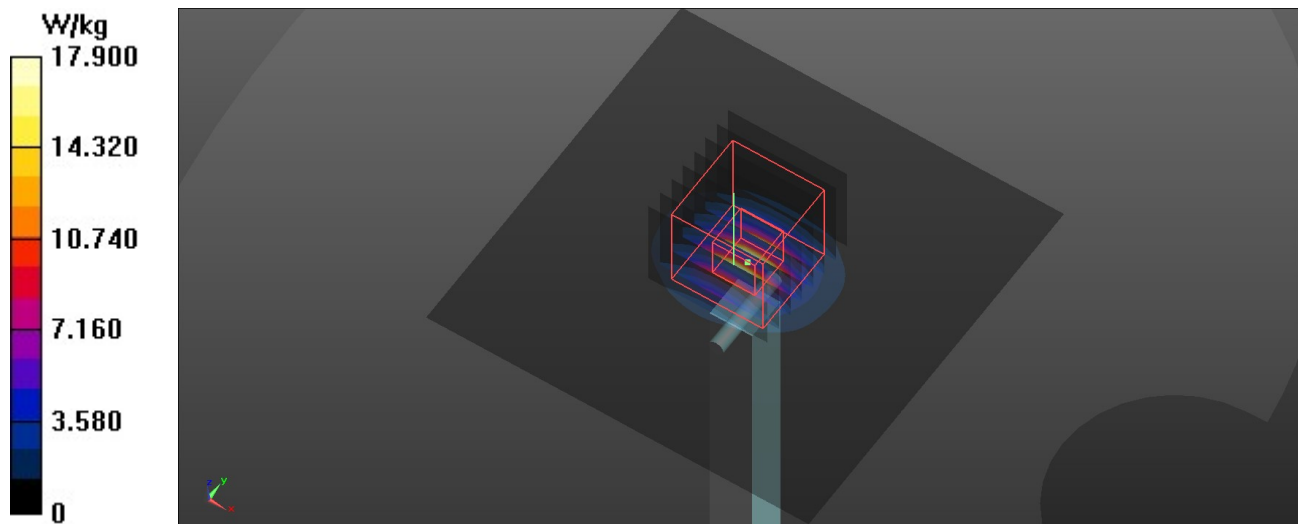
Peak SAR (extrapolated) = 31.2 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.2 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.3%

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



System Check-D5GHz_H5800

DUT: Dipole D5GHzV2 SN:1280

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

Medium: H5G Medium parameters used: $f = 5800$ MHz; $\sigma = 5.253$ S/m; $\epsilon_r = 34.626$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN3818; ConvF(4.92, 4.92, 4.92) @ 5800 MHz; Calibrated: 2022/8/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.9 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.61 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 38.6 W/kg

SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.35 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

Maximum value of SAR (measured) = 20.7 W/kg

