

System Check_H835_24dBm

DUT: Dipole 835 MHz

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

Medium: H835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.886 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.2, 6.2, 6.2); Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- 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) = 2.87 mW/g

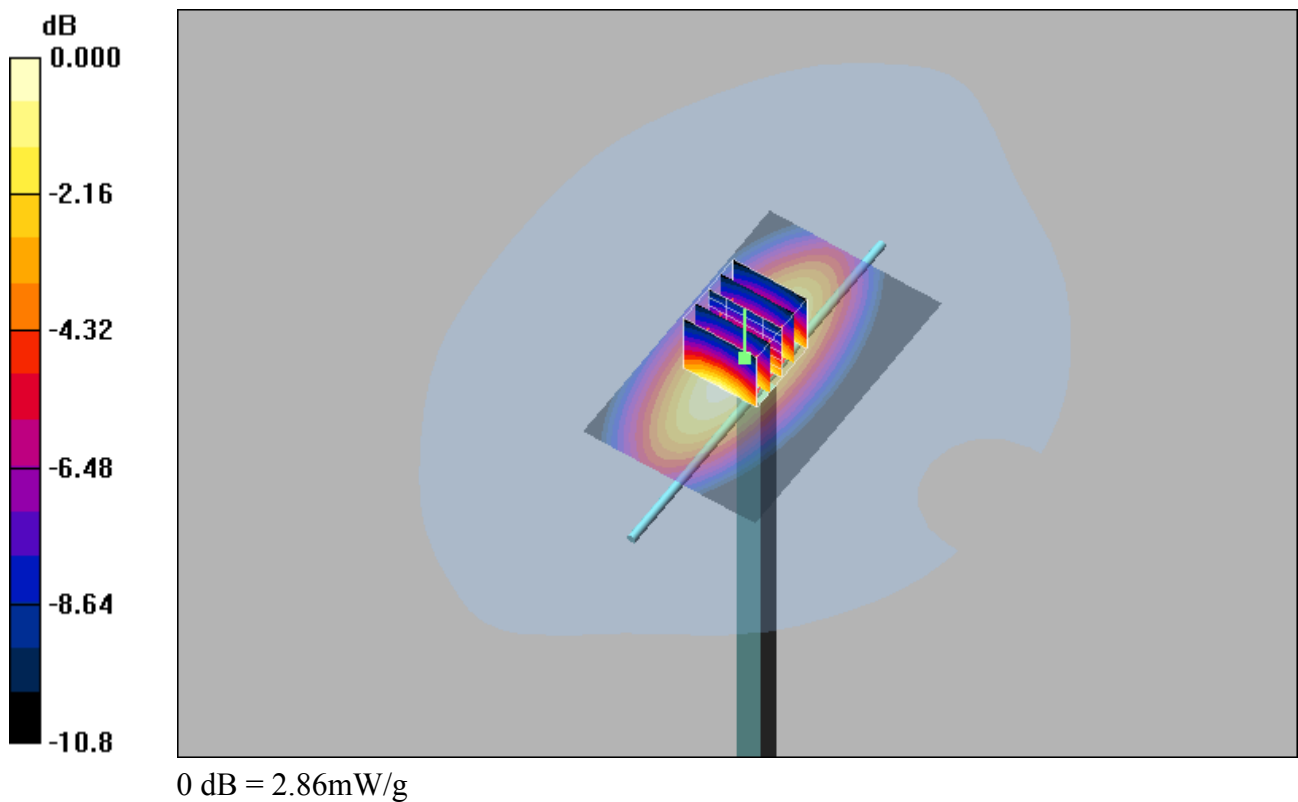
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.7 V/m ; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.43 mW/g ; SAR(10 g) = 1.58 mW/g

Maximum value of SAR (measured) = 2.86 mW/g



System Check_H1750_24dBm**DUT: Dipole 1750 MHz**

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

Medium: H1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.4, 5.4, 5.4); Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- 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) = 12.5 mW/g

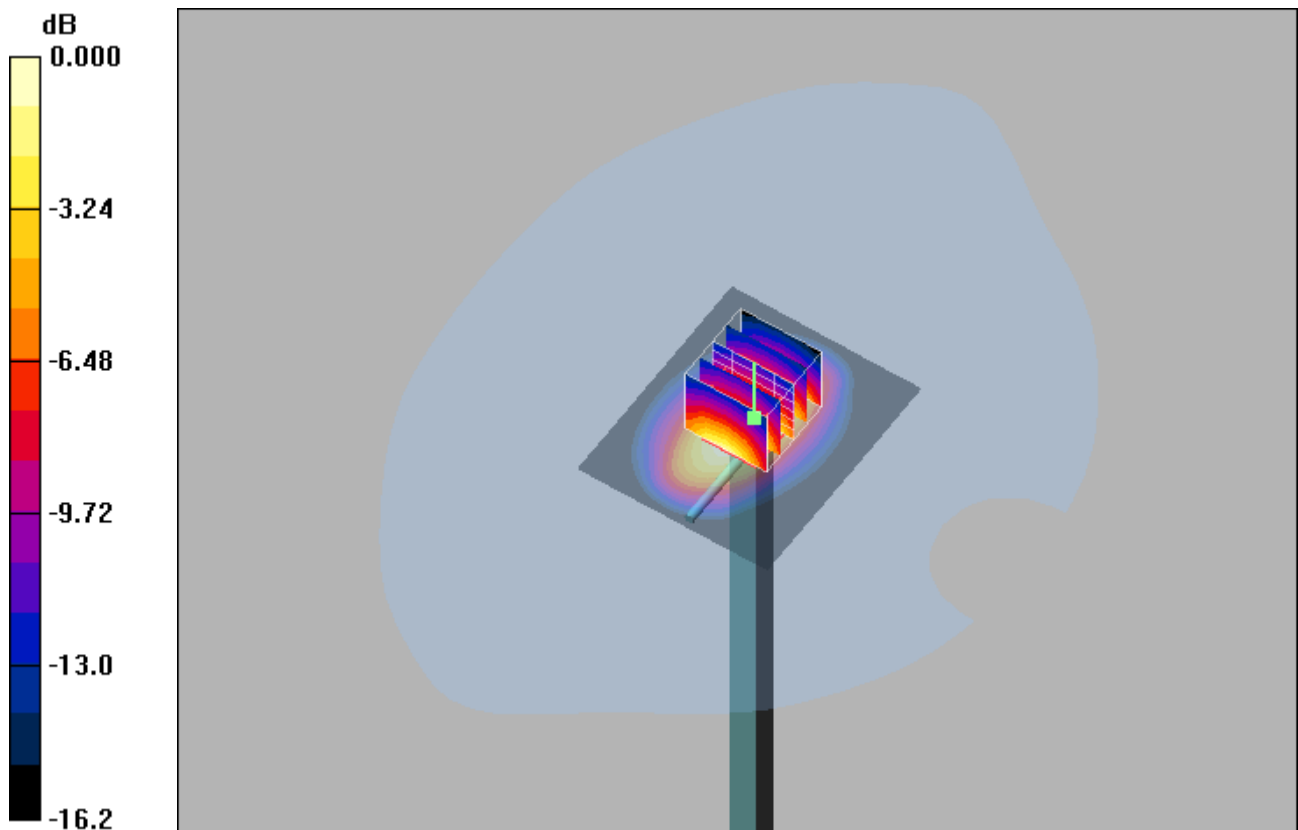
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.5 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 8.93 mW/g; SAR(10 g) = 4.92 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



System Check_H1900_24dBm**DUT: Dipole 1900 MHz**

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

Medium: H1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.12, 5.12, 5.12); Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.3 mW/g

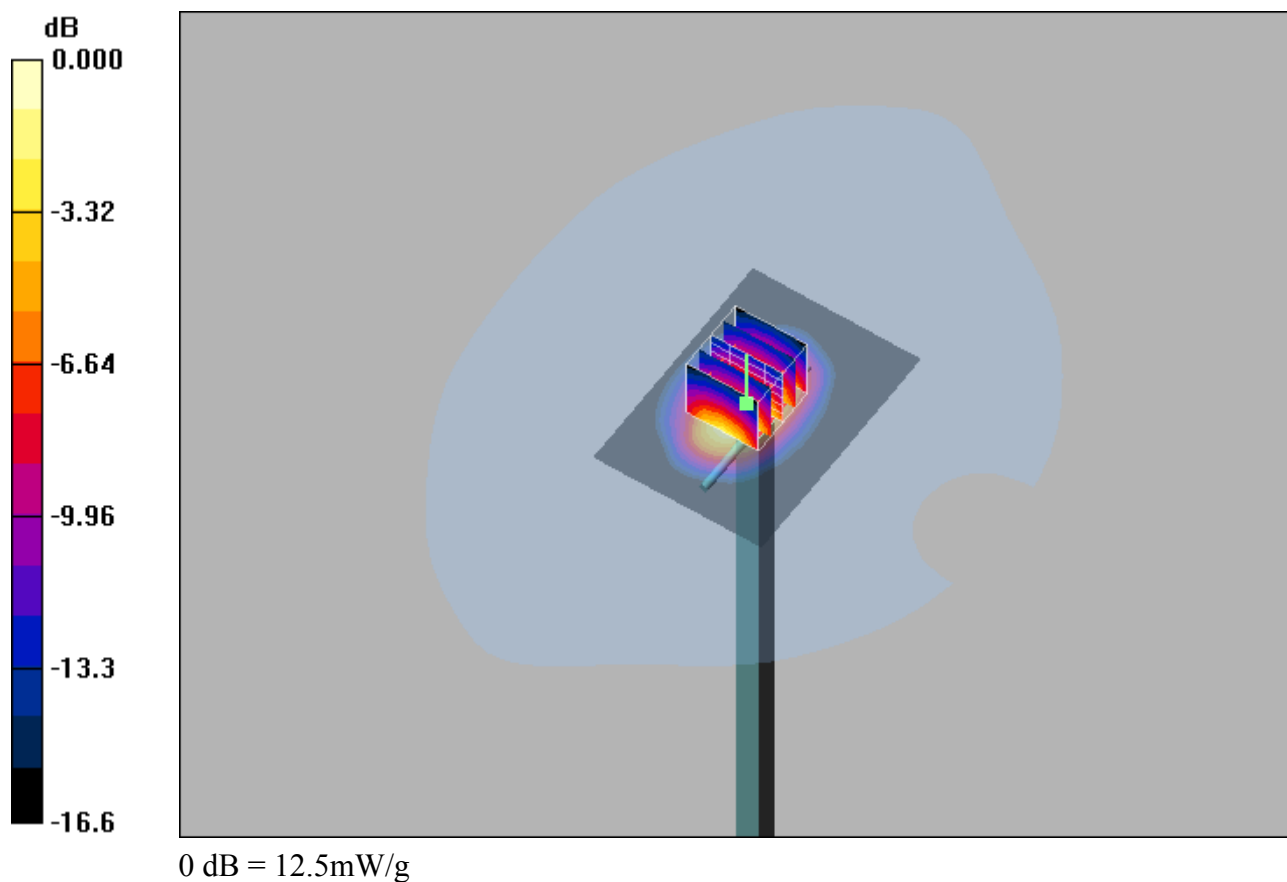
System check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.6 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.92 mW/g; SAR(10 g) = 5.27 mW/g

Maximum value of SAR (measured) = 12.5 mW/g



System Check_H2450_24dBm**DUT: Dipole 2450 MHz**

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

Medium: H2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.63, 4.63, 4.63); Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- 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) = 17.0 mW/g

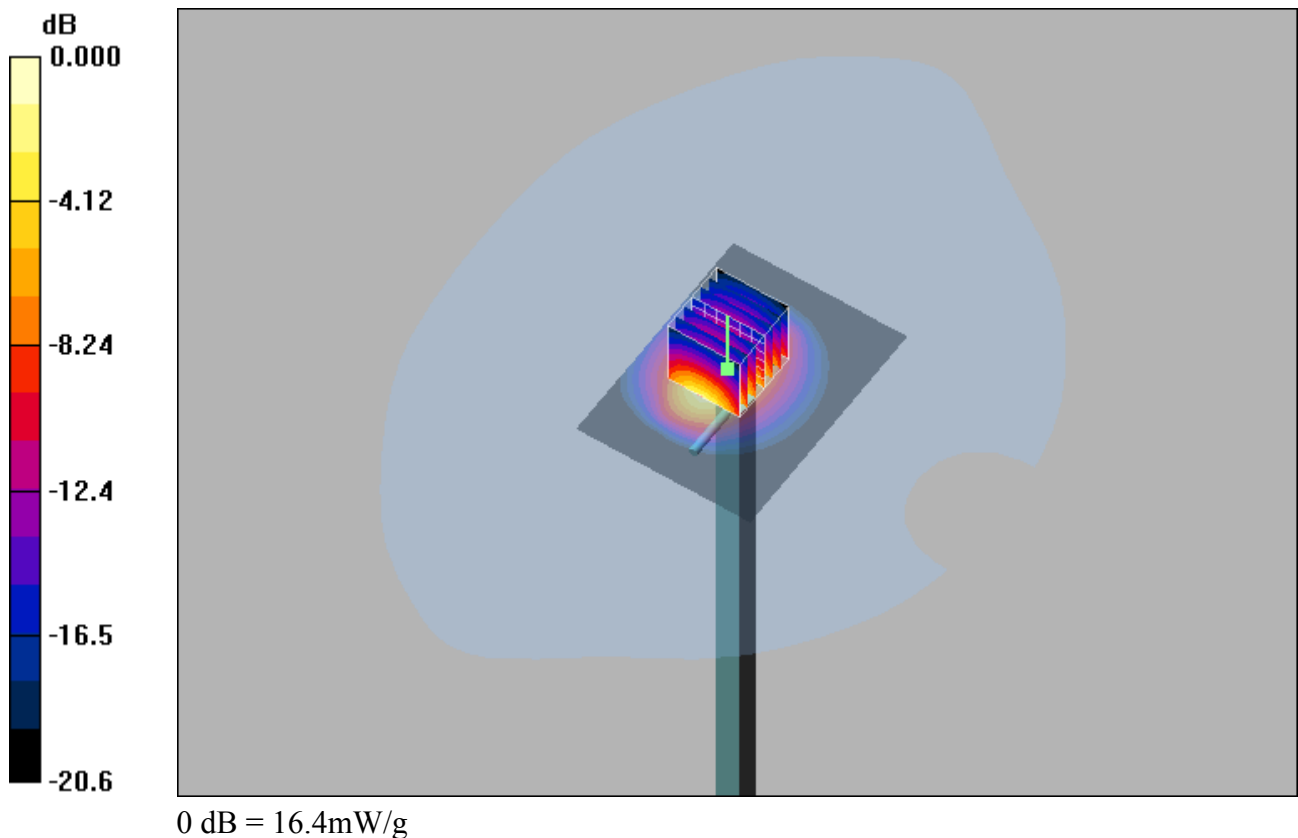
System check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.9 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 24.6 W/kg

SAR(1 g) = 12.6 mW/g; SAR(10 g) = 6.03 mW/g

Maximum value of SAR (measured) = 16.4 mW/g



System Check_H2600_24dBm**DUT: Dipole 2600 MHz**

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

Medium: H2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.5, 4.5, 4.5); Calibrated: 2024/3/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2024/3/18
- 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=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.0 mW/g

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

Reference Value = 87.8 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 29.2 W/kg

SAR(1 g) = 14.1 mW/g; SAR(10 g) = 6.42 mW/g

Maximum value of SAR (measured) = 18.7 mW/g

