

Copy of System Check_H835_10dBm

DUT: Dipole 835 MHz

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

Medium: 835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.936 \text{ mho/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

system check/Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.118 mW/g

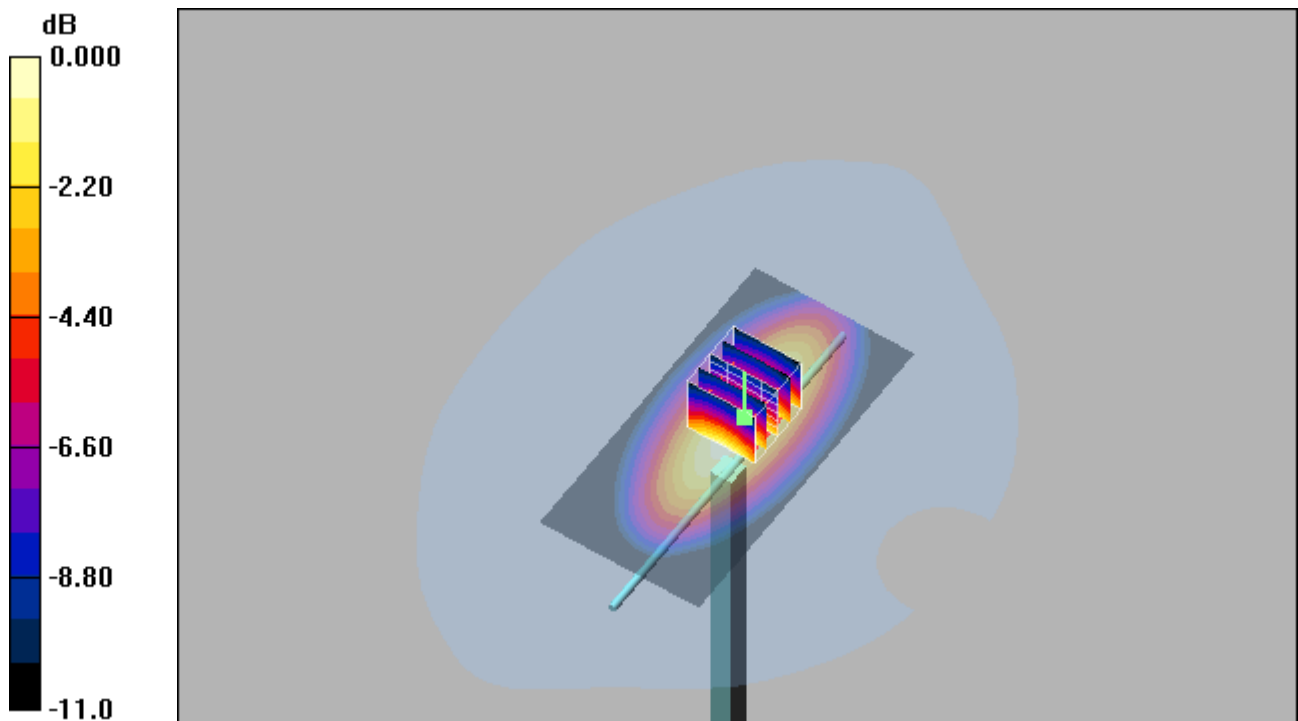
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m ; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.101 mW/g ; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.119 mW/g

System Check_H1750_10dBm

DUT: Dipole 1750 MHz

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

Medium: H2000 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.32$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- 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) = 0.456 mW/g

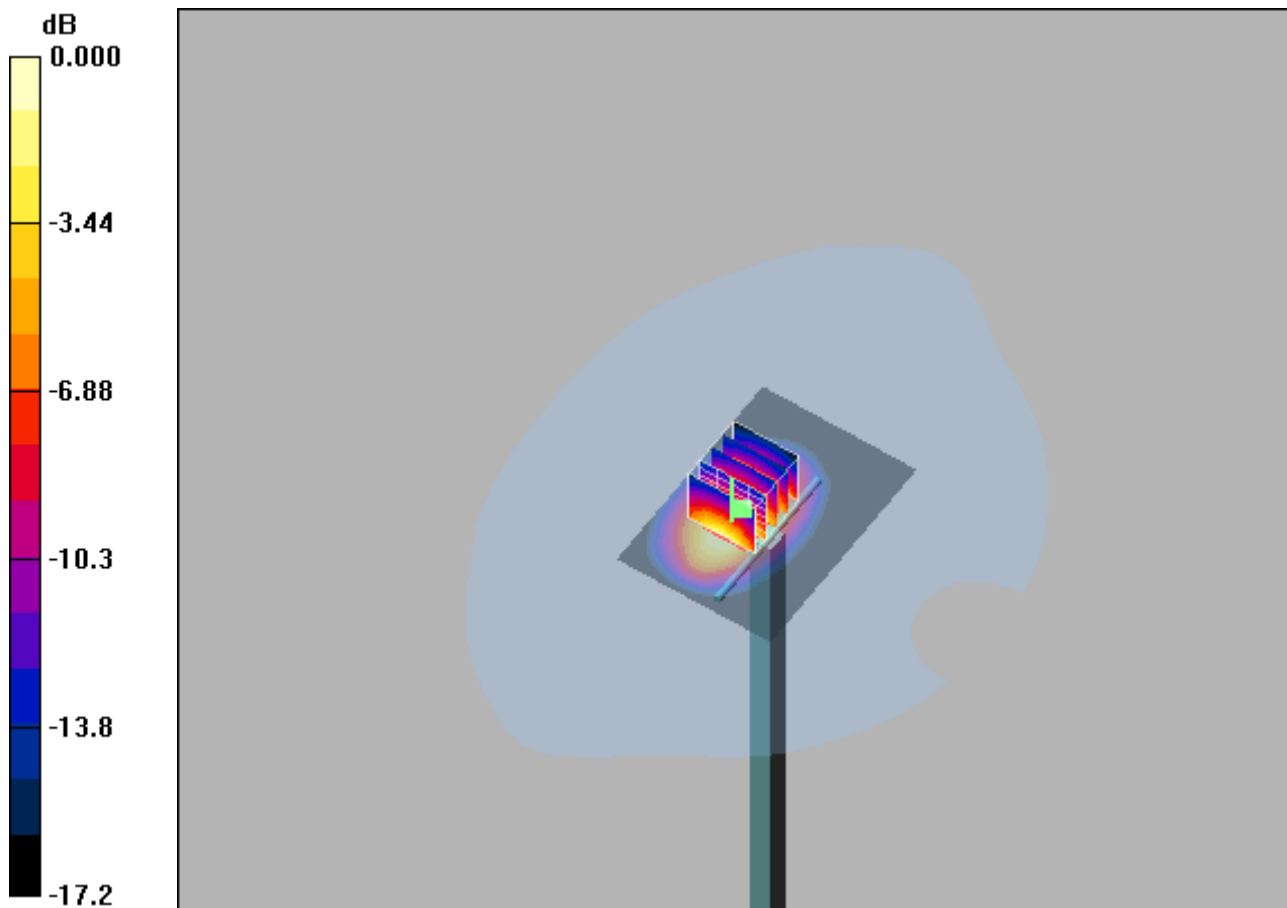
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.216 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.444mW/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; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- 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) = 0.596 mW/g

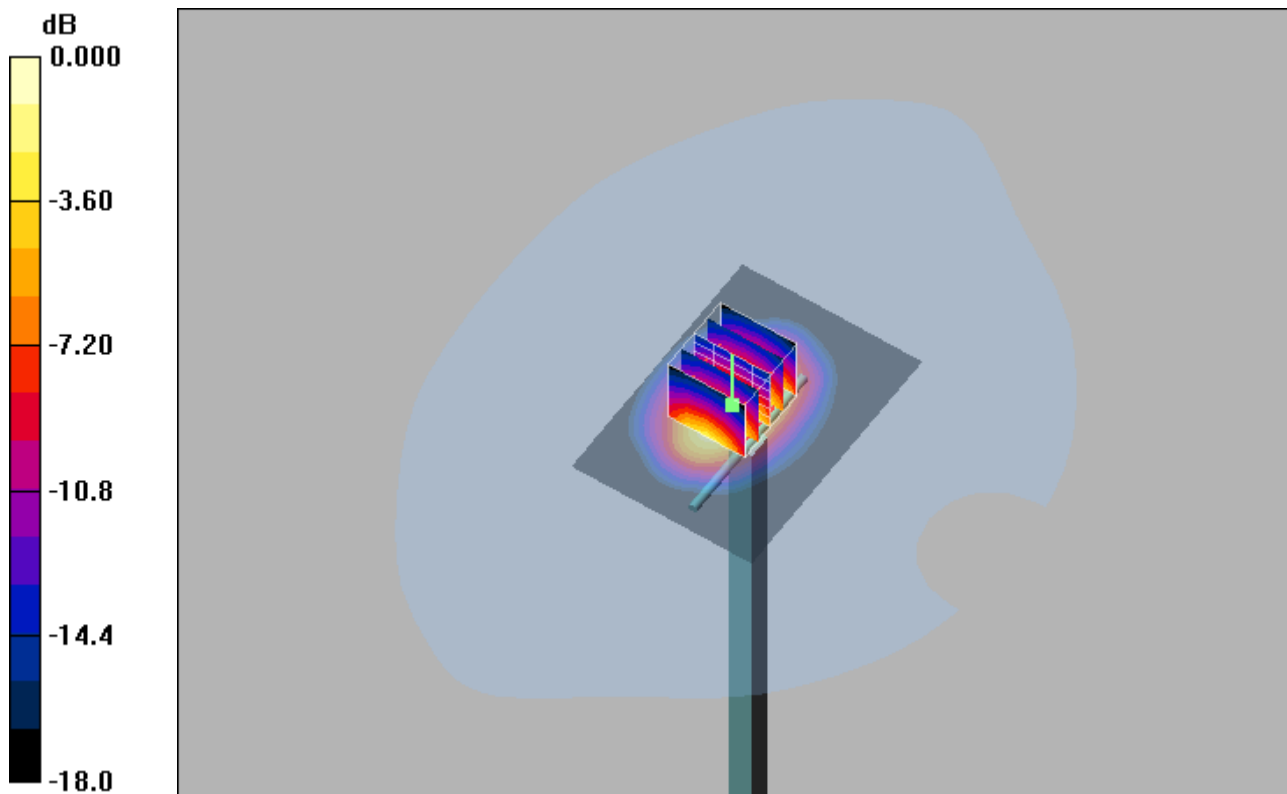
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



0 dB = 0.549mW/g

System Check_H2450_10dBm

DUT: Dipole 2450 MHz

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

Medium: 2450 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.87 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- 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) = 0.824 mW/g

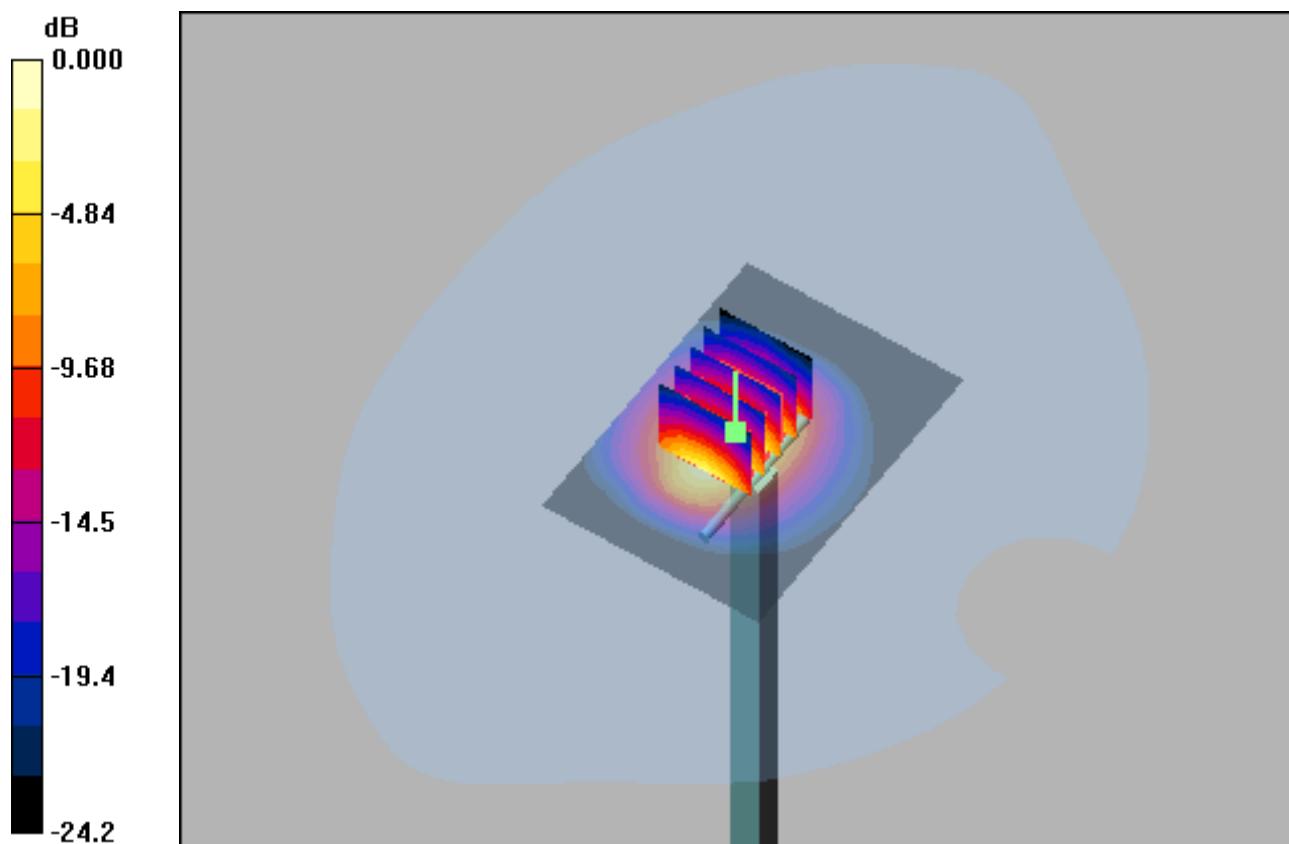
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.740 mW/g



0 dB = 0.740mW/g

System Check_H2600_10dBm

DUT: Dipole 2600 MHz

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

Medium: 2300-2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.04$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.43, 4.43, 4.43); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- 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) = 0.881 mW/g

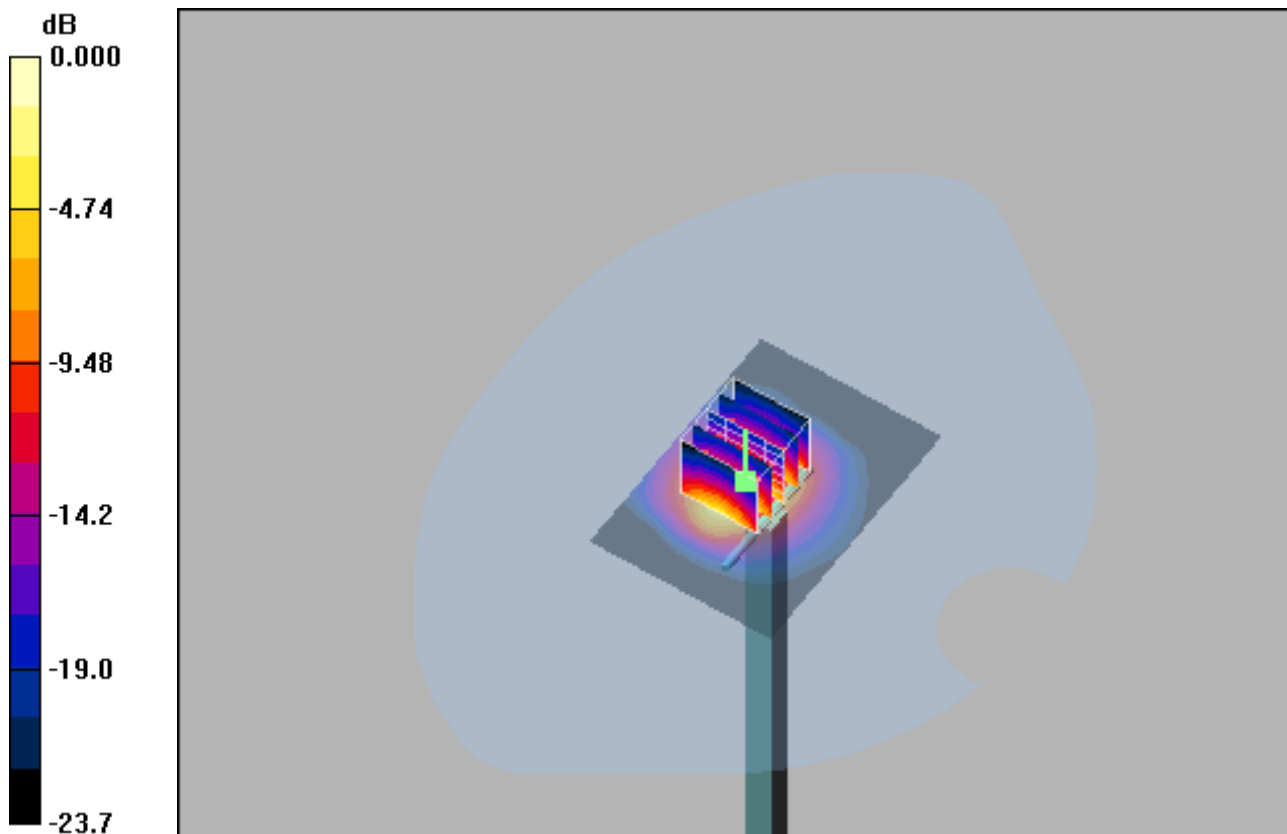
system check/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.785mW/g

System Check 5200

Communication System: UID 0, _CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5G Head Medium parameters used: $f = 5200$ MHz; $\sigma = 4.574$ S/m; $\epsilon_r = 34.745$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 11/23/2020
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2033
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 20.0 W/kg

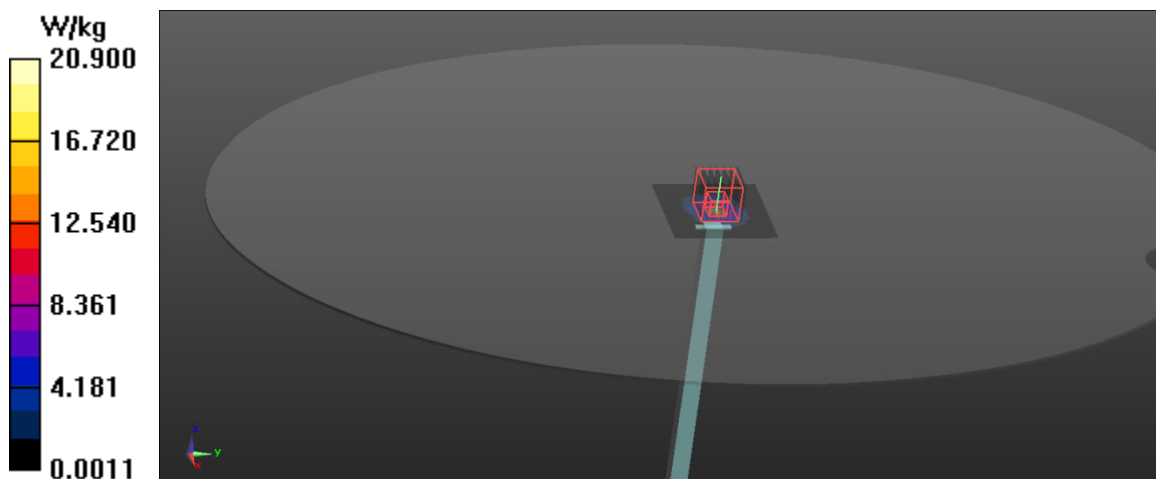
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 53.46 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.3 W/kg

SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (measured) = 20.9 W/kg



System Check 5300

Communication System: UID 0, _CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5300$ MHz; $\sigma = 4.658$ S/m; $\epsilon_r = 34.672$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5300 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 11/23/2020
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2033
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 21.2 W/kg

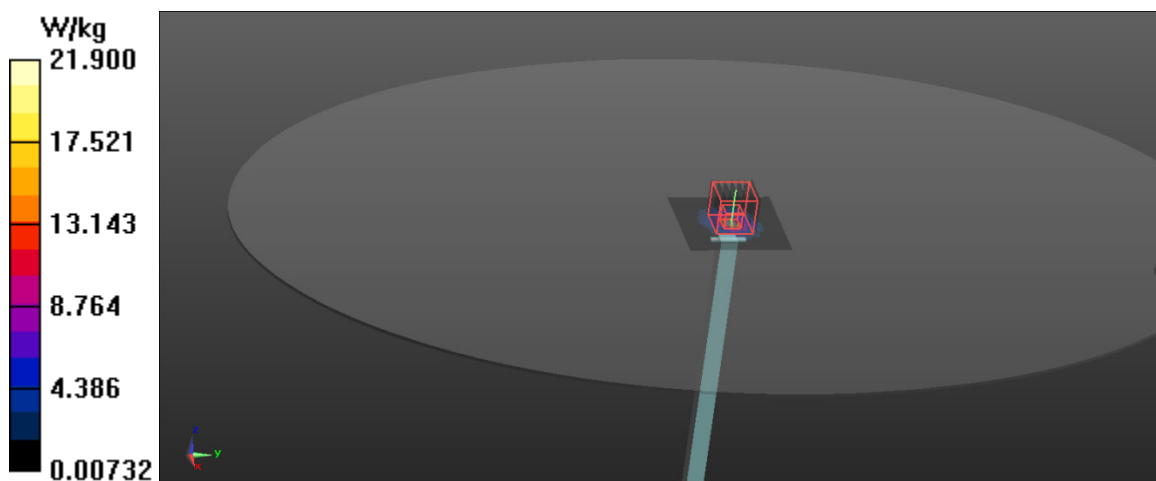
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 54.14 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 35.4 W/kg

SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.31 W/kg

Maximum value of SAR (measured) = 21.9 W/kg



System Check 5800

Communication System: UID 0, _CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5800$ MHz; $\sigma = 5.139$ S/m; $\epsilon_r = 33.883$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72) @ 5800 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 11/23/2020
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2033
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 50.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 36.3 W/kg

SAR(1 g) = 8.16 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 21.7 W/kg

