

System Check_Head_835MHz_151203

DUT: D835V2-499

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

Medium: HSL_850_151203 Medium parameters used: $f = 835$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 41.593$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.23 W/kg

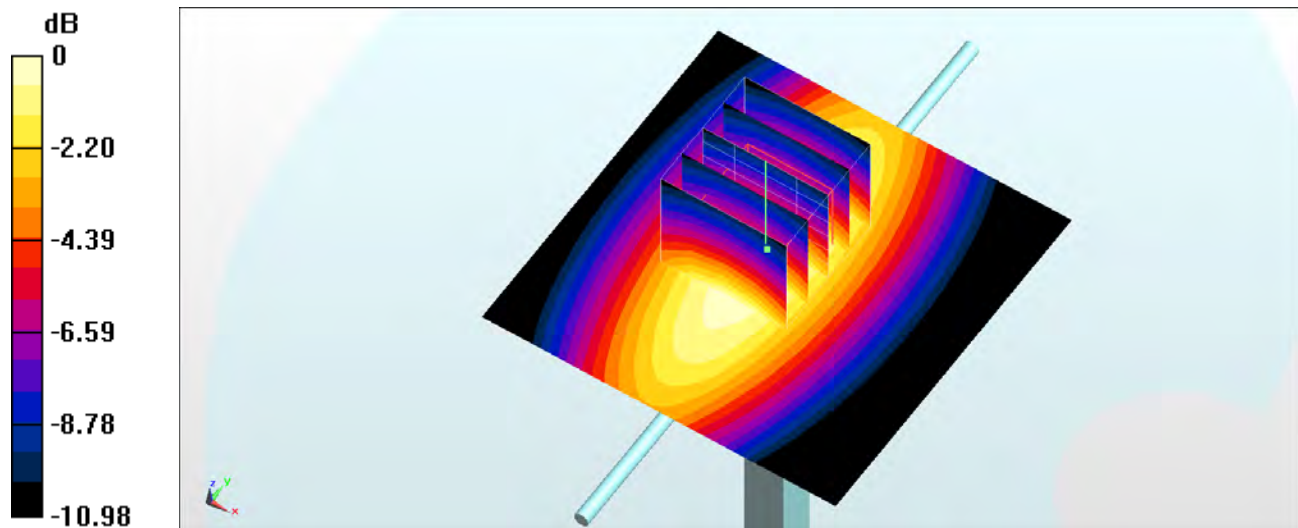
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.89 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.6 W/kg

Maximum value of SAR (measured) = 3.19 W/kg



0 dB = 3.19 W/kg = 5.04 dBW/kg

System Check_Body_835MHz_151118

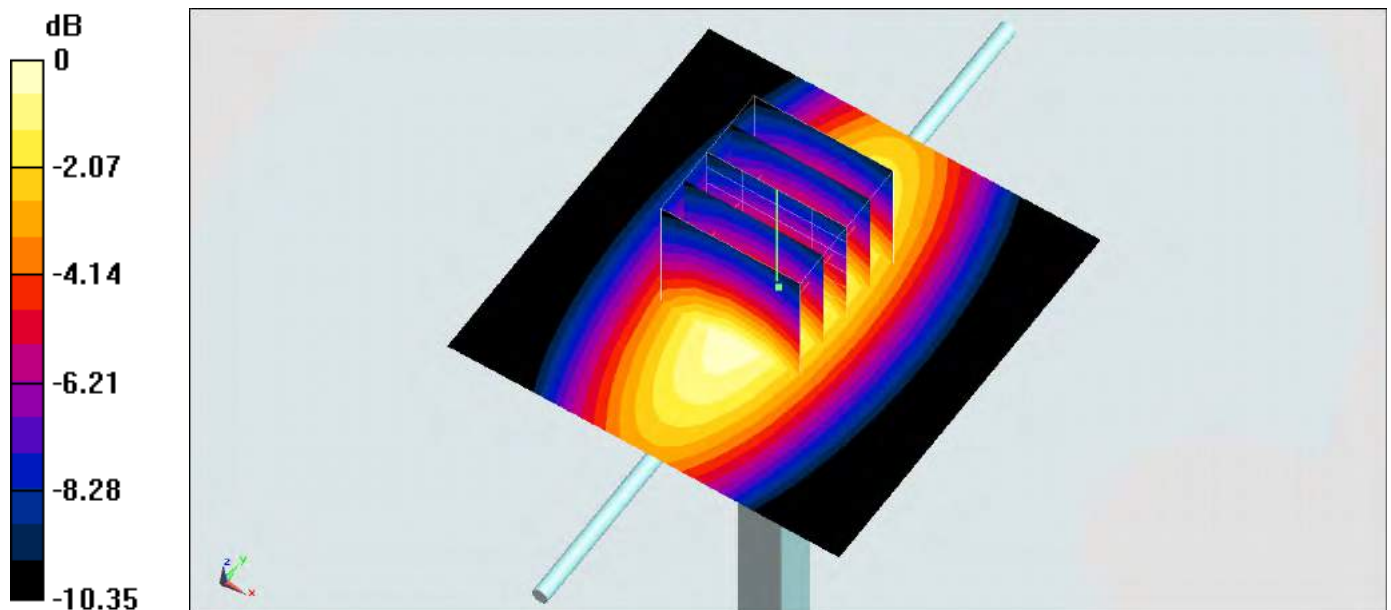
DUT: D835V2-499

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

Medium: MSL_850_151118 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.985 \text{ S/m}$; $\epsilon_r = 56.563$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 23.7°C ; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.87 W/kg Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 56.11 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 3.57 W/kg SAR(1 g) = 2.47 W/kg ; SAR(10 g) = 1.64 W/kg Maximum value of SAR (measured) = 2.85 W/kg  $0 \text{ dB} = 2.85 \text{ W/kg} = 4.55 \text{ dBW/kg}$

System Check_Body_835MHz_151120

DUT: D835V2-499

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

Medium: MSL_850_151120 Medium parameters used: $f = 835$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 54.968$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.76 W/kg

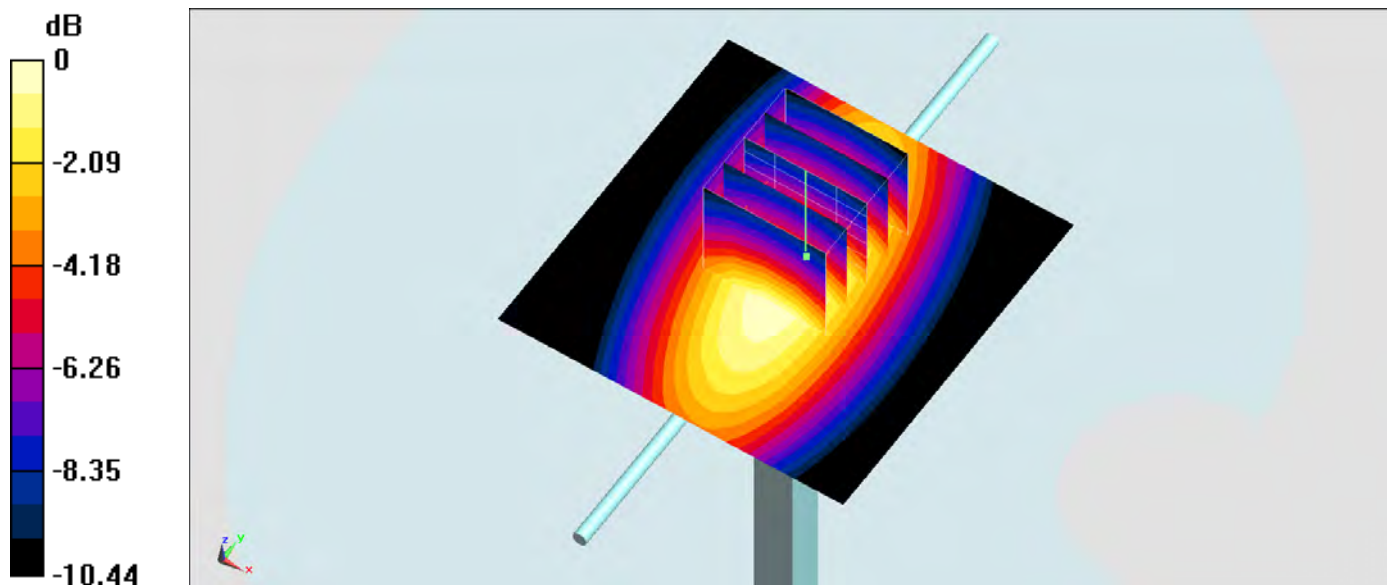
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.58 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

System Check_Head_1900MHz_151203

DUT: D1900V2_5d041

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

Medium: HSL_1900_151203 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.7 W/kg

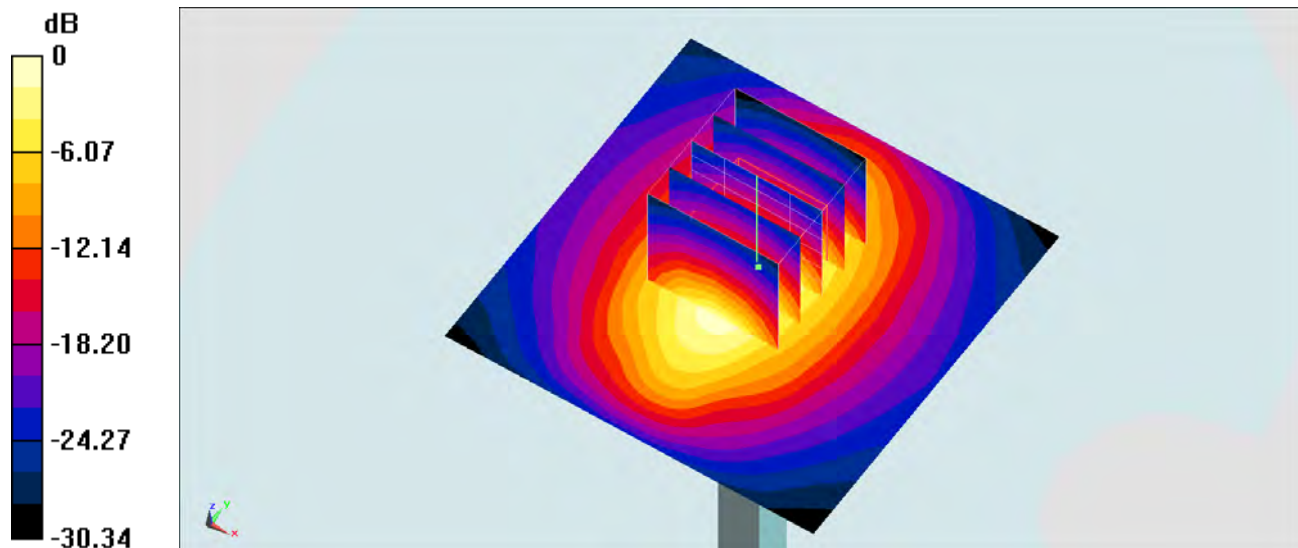
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.3 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 9.96 W/kg; SAR(10 g) = 5.12 W/kg

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



0 dB = 14.7 W/kg = 11.67 dBW/kg

System Check_Head_1900MHz_160112

DUT: D1900V2_5d041

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

Medium: HSL_1900_160112 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 41.706$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.31, 8.31, 8.31); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.9 W/kg

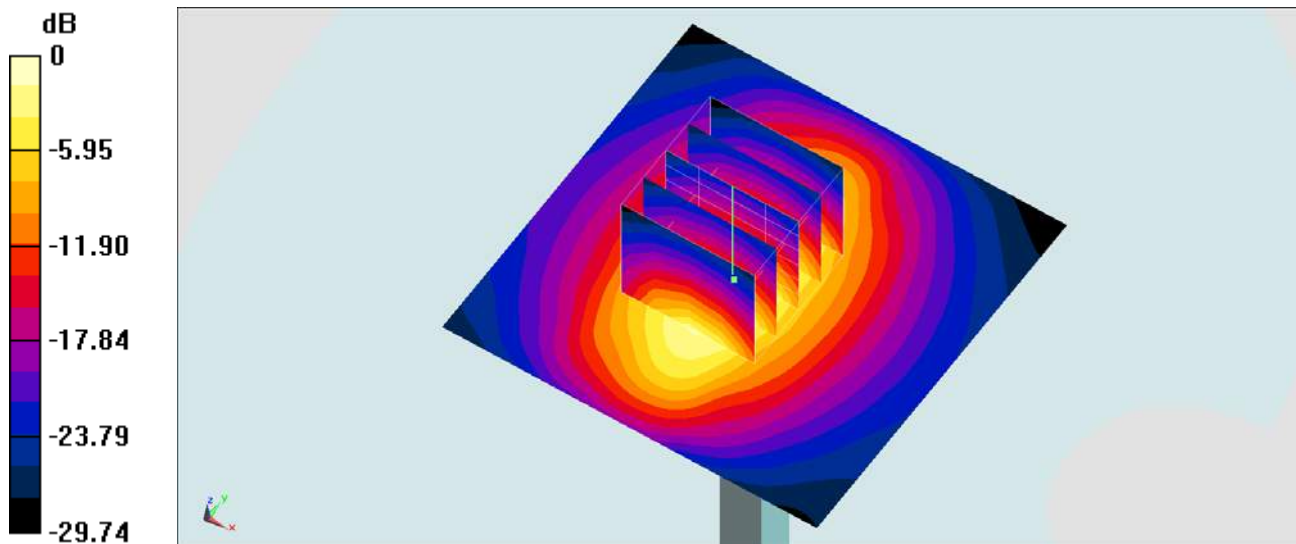
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.27 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 9.72 W/kg; SAR(10 g) = 5.03 W/kg

Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.9 W/kg = 11.73 dBW/kg

System Check_Body_1900MHz_151117

DUT: D1900V2_5d041

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

Medium: MSL_1900_151117 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.556$ S/m; $\epsilon_r = 51.544$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

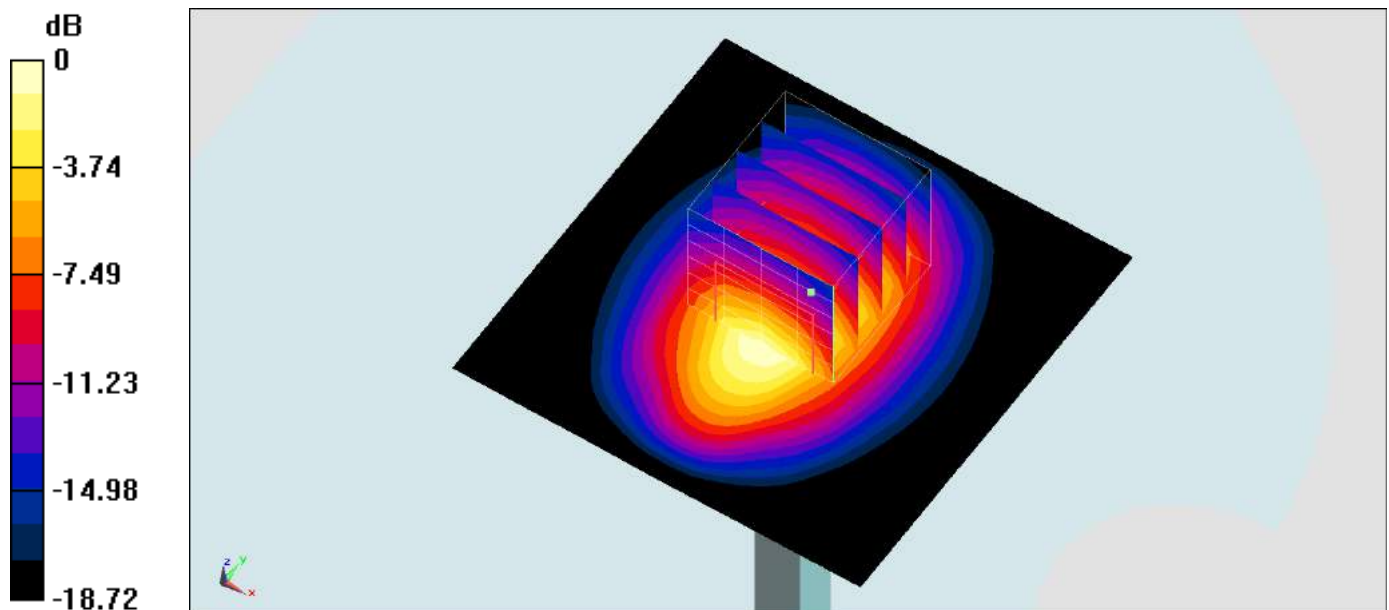
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.40 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.84 W/kg; SAR(10 g) = 5.17 W/kg

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

System Check_Body_1900MHz_151202

DUT: D1900V2_5d041

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

Medium: MSL_1900_151202 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

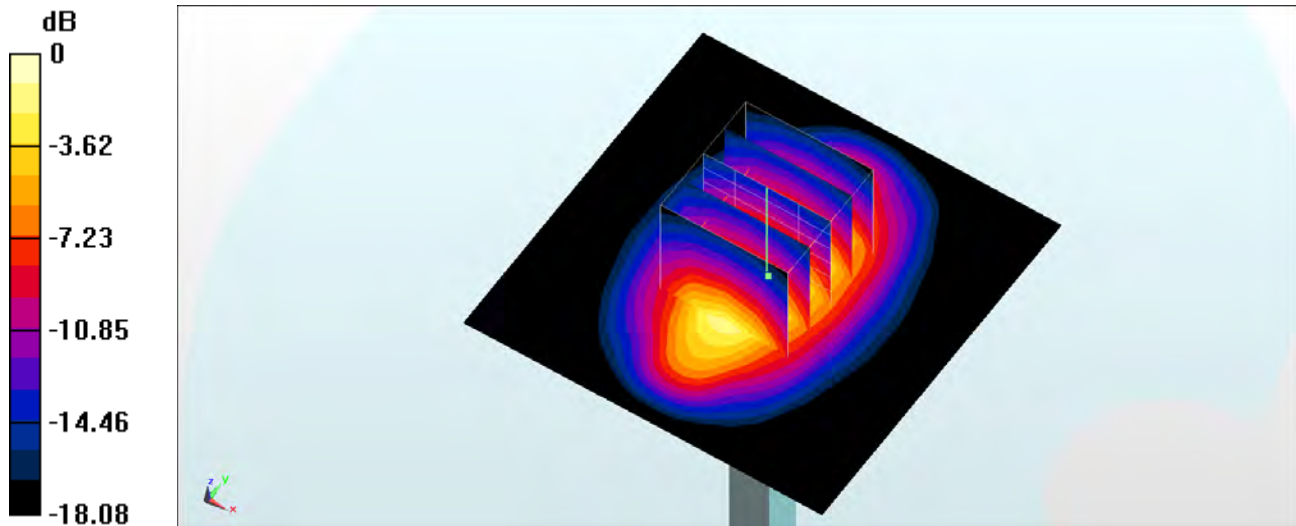
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.47 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.51 W/kg; SAR(10 g) = 4.87 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

System Check_Head_2450MHz_151128

DUT: D2450V2-736

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

Medium: HSL_2450_151128 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 38.591$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.6 W/kg

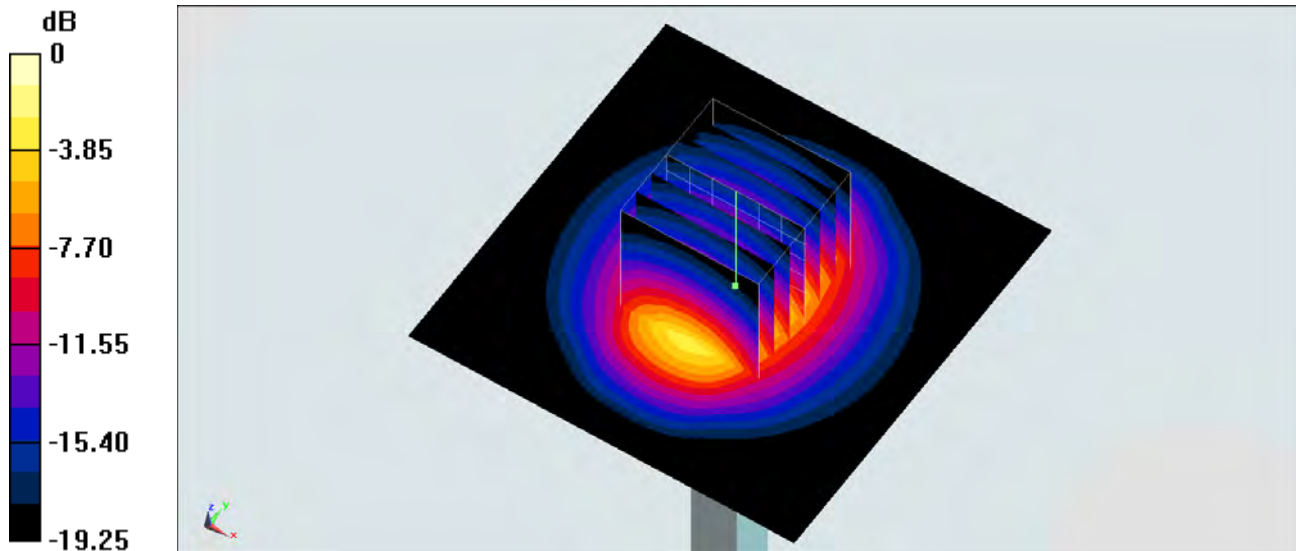
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.0 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.79 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg = 13.12 dBW/kg

System Check_Head_2450MHz_160113

DUT: D2450V2-736

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

Medium: HSL_2450_160113 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.754$ mho/m; $\epsilon_r = 38.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.36, 7.36, 7.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 22.8 mW/g

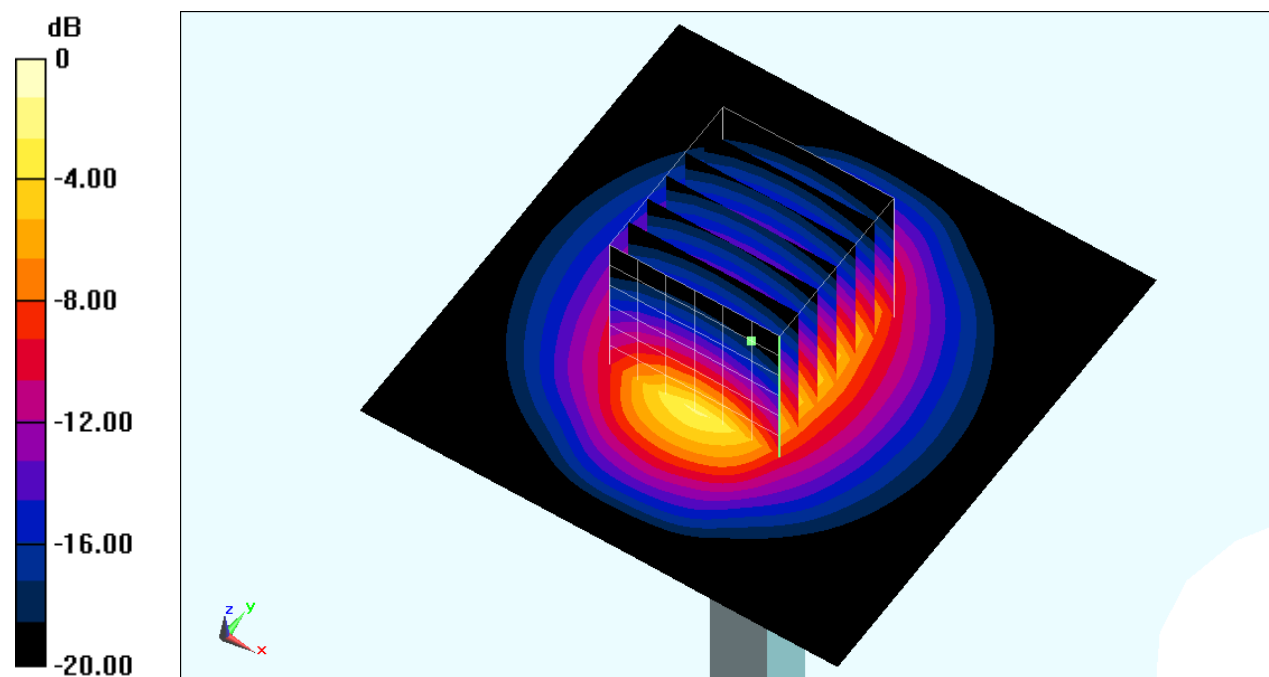
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 117.1 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 27.144 mW/g

SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.85 mW/g

Maximum value of SAR (measured) = 21.7 mW/g



0 dB = 21.7 mW/g = 26.73 dB mW/g

System Check_Body_2450MHz_151121

DUT: D2450V2-736

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

Medium: MSL_2450_151121 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.974$ S/m; $\epsilon_r = 51.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 18.0 W/kg

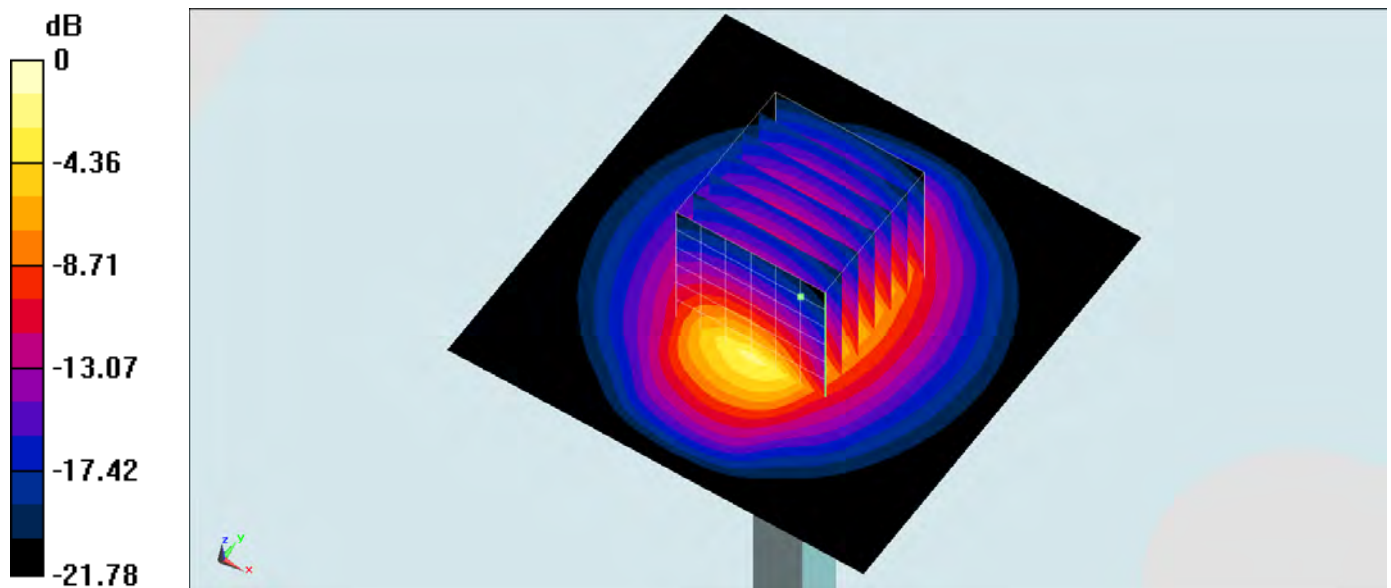
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.0 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 25.7 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.64 W/kg

Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

System Check_Head_2600MHz_151127

DUT: D2600V2-1008

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

Medium: HSL_2600_151127 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 38.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 23.6 W/kg

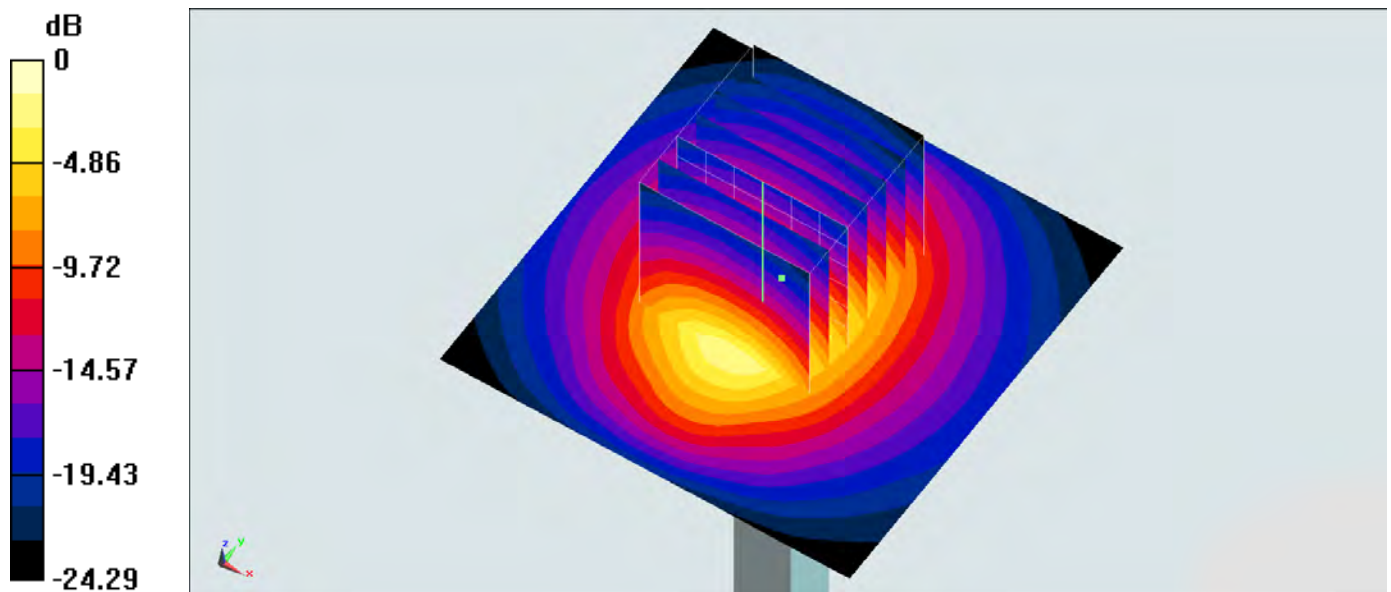
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.9 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (measured) = 23.2 W/kg



0 dB = 23.2 W/kg = 13.65 dBW/kg

System Check_Head_2600MHz_151204

DUT: D2600V2-1008

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

Medium: HSL_2600_151204 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.916$ S/m; $\epsilon_r = 39.588$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.6 W/kg

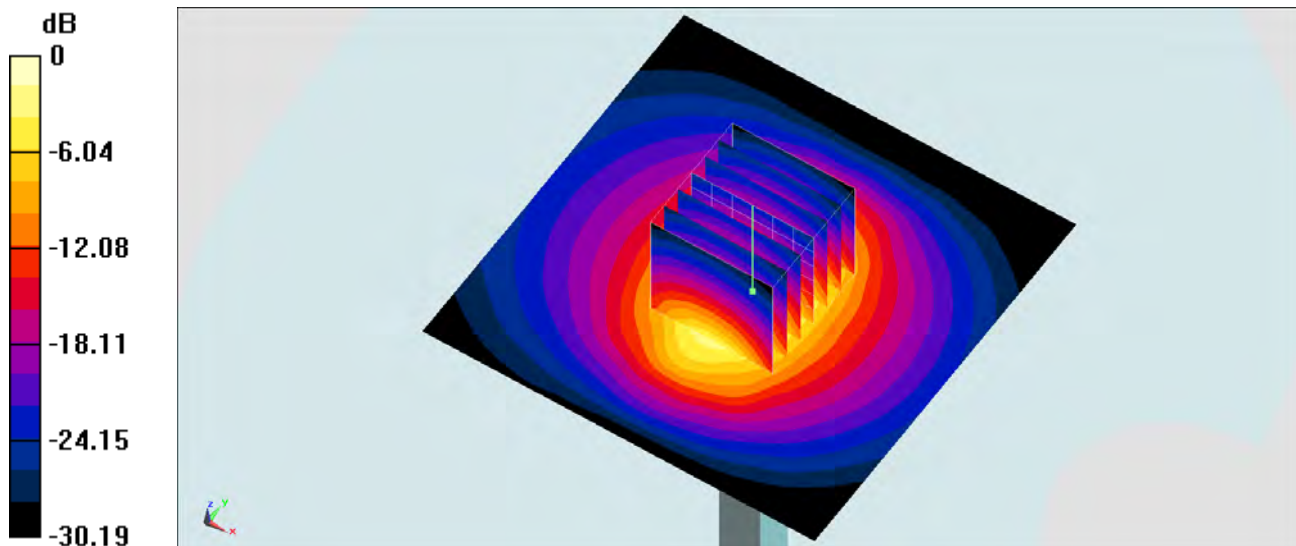
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.3 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 28.1 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 5.96 W/kg

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



0 dB = 20.6 W/kg = 13.14 dBW/kg

System Check_Head_2600MHz_160113

DUT: D2600V2-1008

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

Medium: HSL_2600_160113 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 38.489$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 24.0 W/kg

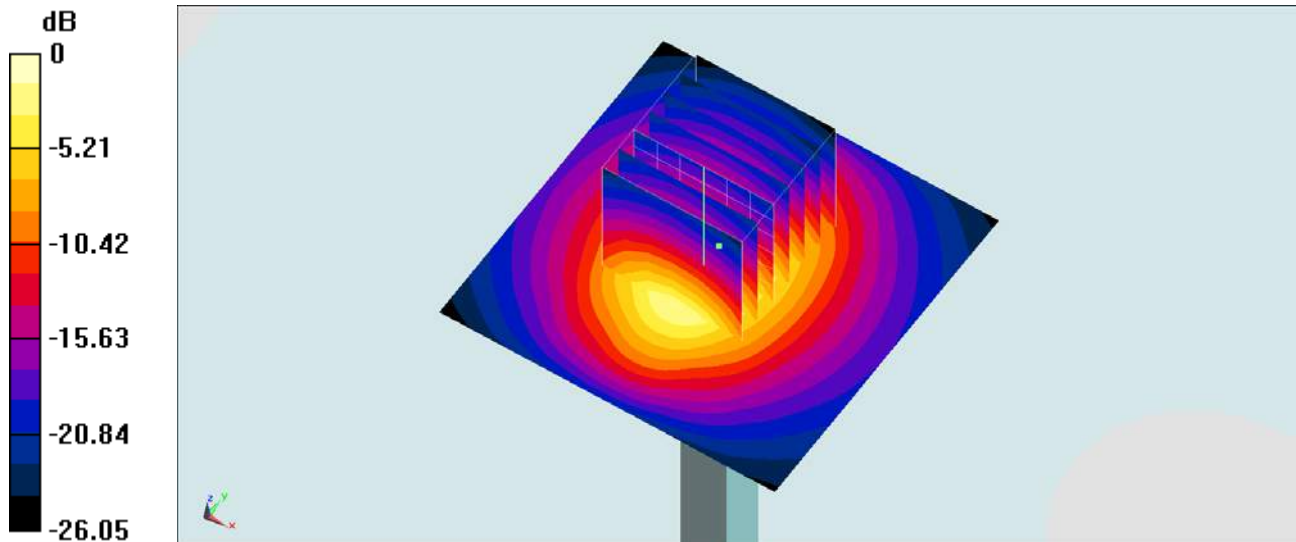
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.9 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.12 W/kg

Maximum value of SAR (measured) = 23.7 W/kg



0 dB = 24.0 W/kg = 13.80 dBW/kg

System Check_Body_2600MHz_151201

DUT: D2600V2-1008

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

Medium: MSL_2600_151201 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.153$ S/m; $\epsilon_r = 52.144$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

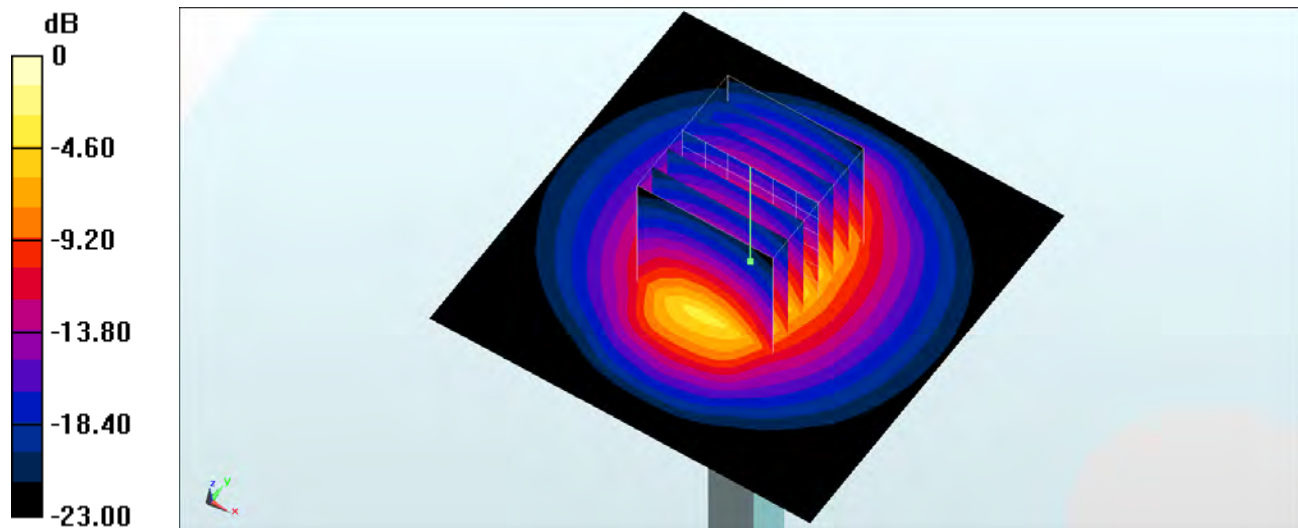
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.86 W/kg

Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg = 13.10 dBW/kg

System Check_Body_2600MHz_160112

DUT: D2600V2-1008

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

Medium: MSL_2600_160112 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.252$ S/m; $\epsilon_r = 53.774$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 24.3 W/kg

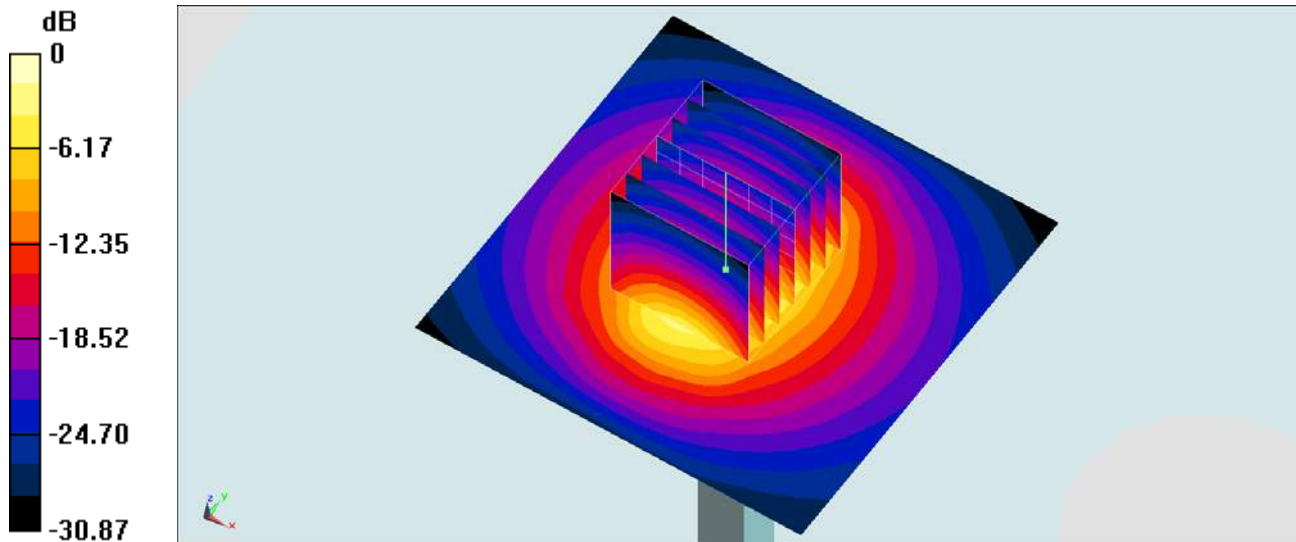
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.7 W/kg

SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.15 W/kg

Maximum value of SAR (measured) = 24.2 W/kg



0 dB = 24.3 W/kg = 13.86 dBW/kg

System Check_Body_2600MHz_160115

DUT: D2600V2-1008

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

Medium: MSL_2600_160115 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.199$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.38, 7.38, 7.38); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 21.1 W/kg

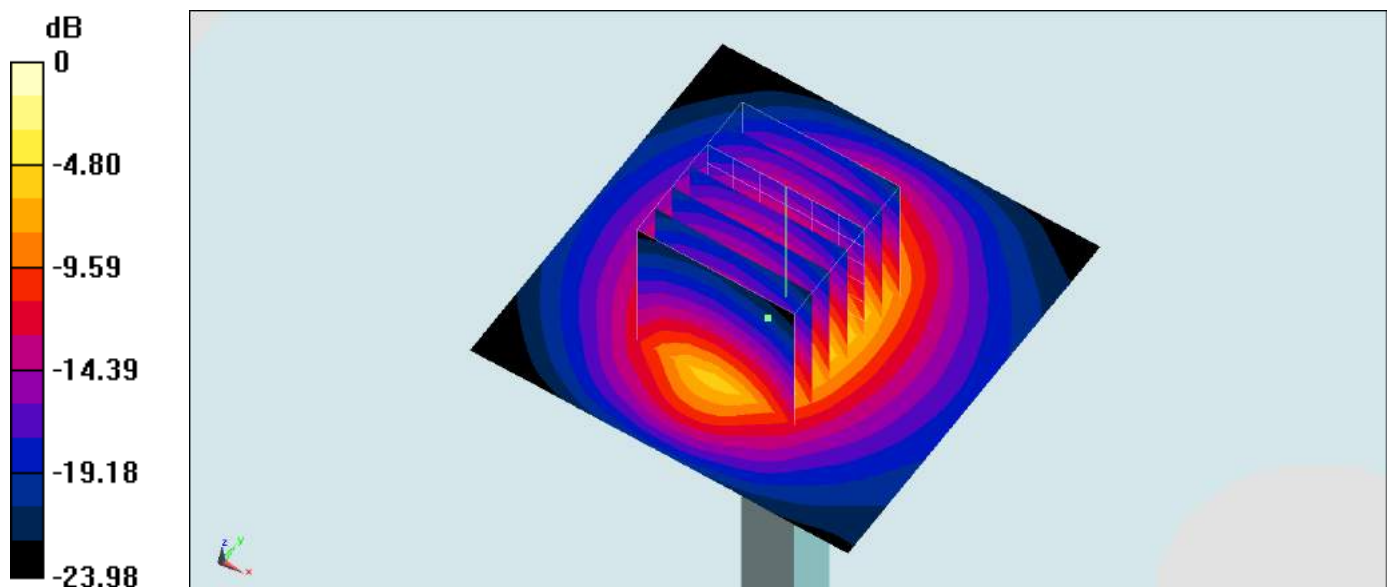
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.07 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.07 W/kg

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



0 dB = 20.9 W/kg = 13.20 dBW/kg

System Check_Head_5250MHz_151122

DUT: D5GHzV2-1128

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

Medium: HSL_5G_151122 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.541$ S/m; $\epsilon_r = 36.424$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.7 W/kg

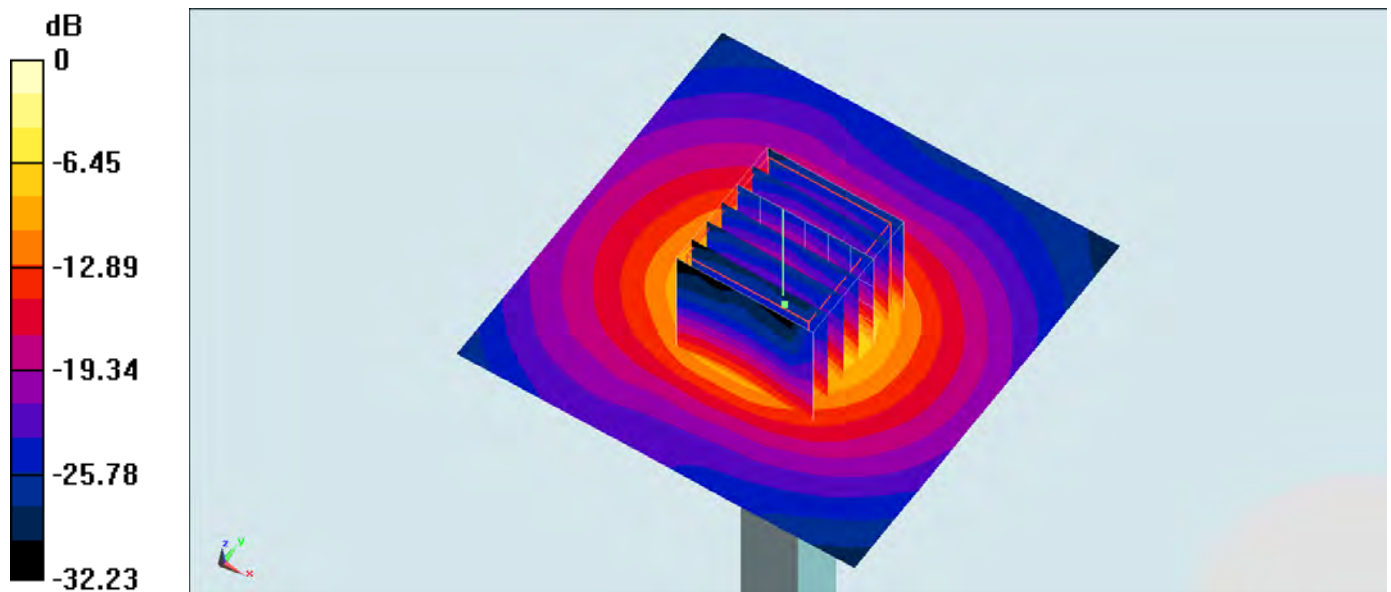
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.68 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 29.2 W/kg

SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.14 W/kg

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



0 dB = 17.6 W/kg = 12.46 dBW/kg

System Check_Head_5250MHz_160113

DUT: D5GHzV2-1128-5250

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

Medium: HSL_5G_160113 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.664$ mho/m; $\epsilon_r = 37.39$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(5.08, 5.08, 5.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 24.6 mW/g

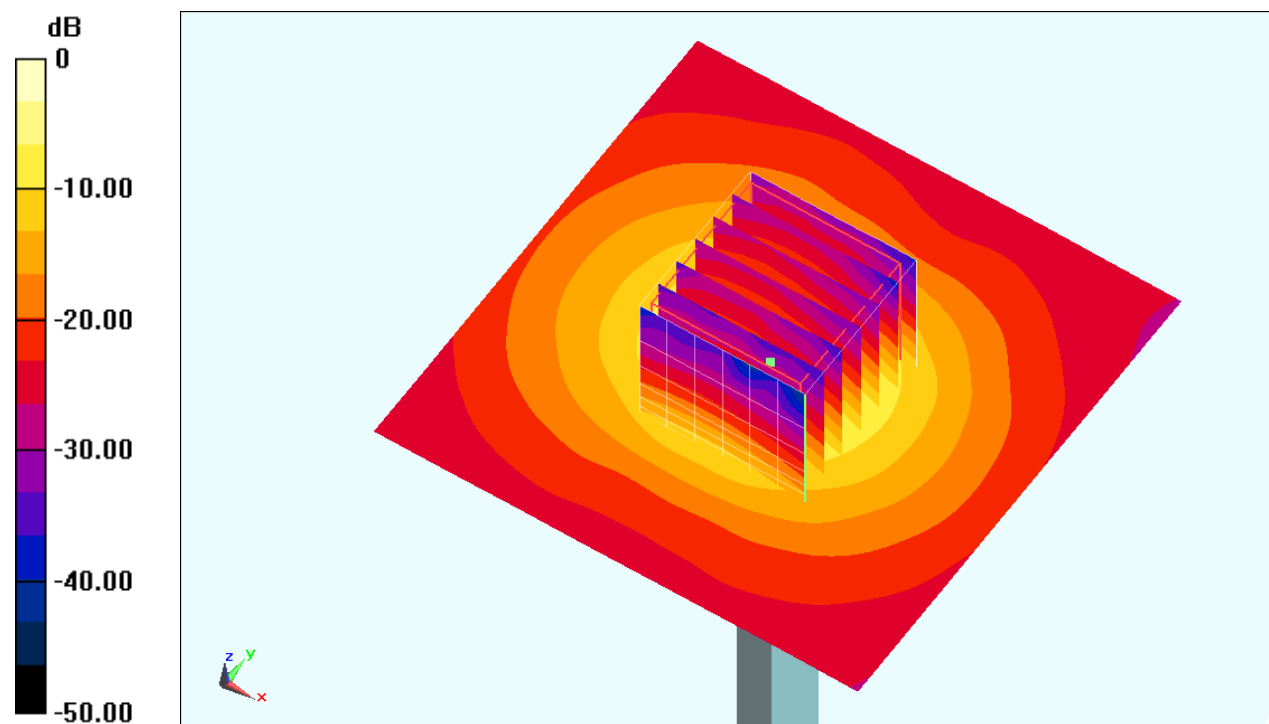
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 75.031 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 37.069 mW/g

SAR(1 g) = 8.7 mW/g; SAR(10 g) = 2.37 mW/g

Maximum value of SAR (measured) = 21.6 mW/g



0 dB = 21.6 mW/g = 26.69 dB mW/g

System Check_Body_5250MHz_151121

DUT: D5GHzV2-1128

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

Medium: MSL_5G_151121 Medium parameters used: $f = 5250$ MHz; $\sigma = 5.527$ S/m; $\epsilon_r = 46.945$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.4 W/kg

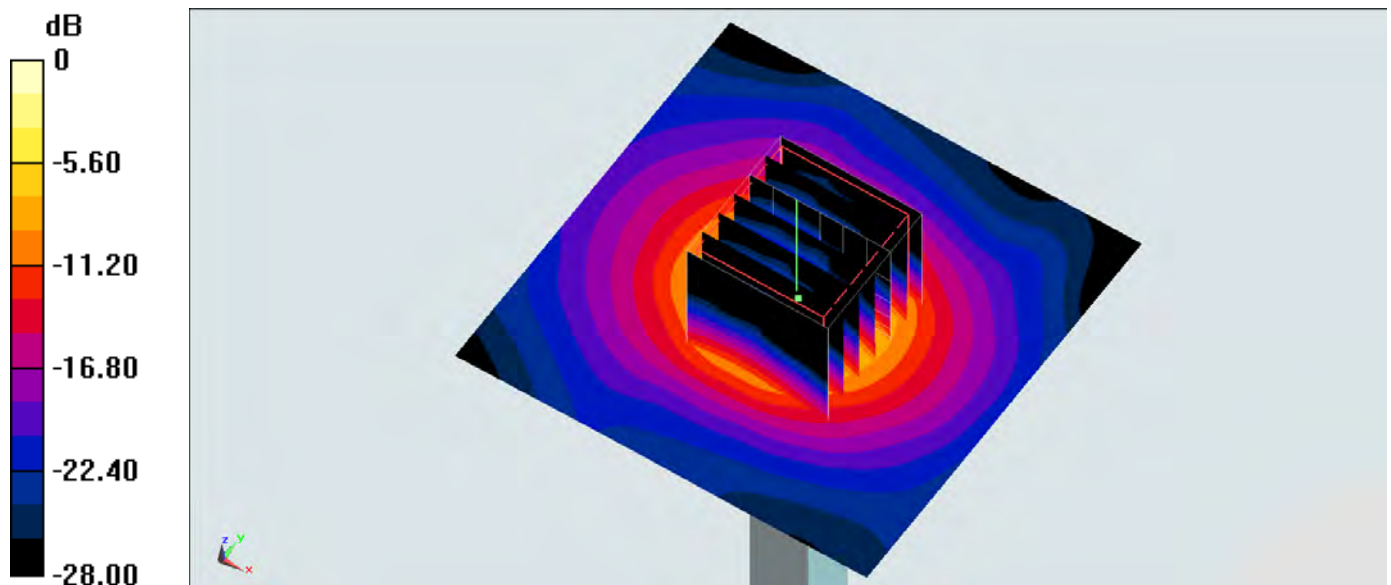
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.27 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 28.5 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 1.95 W/kg

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



0 dB = 17.6 W/kg = 12.46 dBW/kg

System Check_Head_5600MHz_151122

DUT: D5GHzV2-1128

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

Medium: HSL_5G_151122 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.876$ S/m; $\epsilon_r = 35.982$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

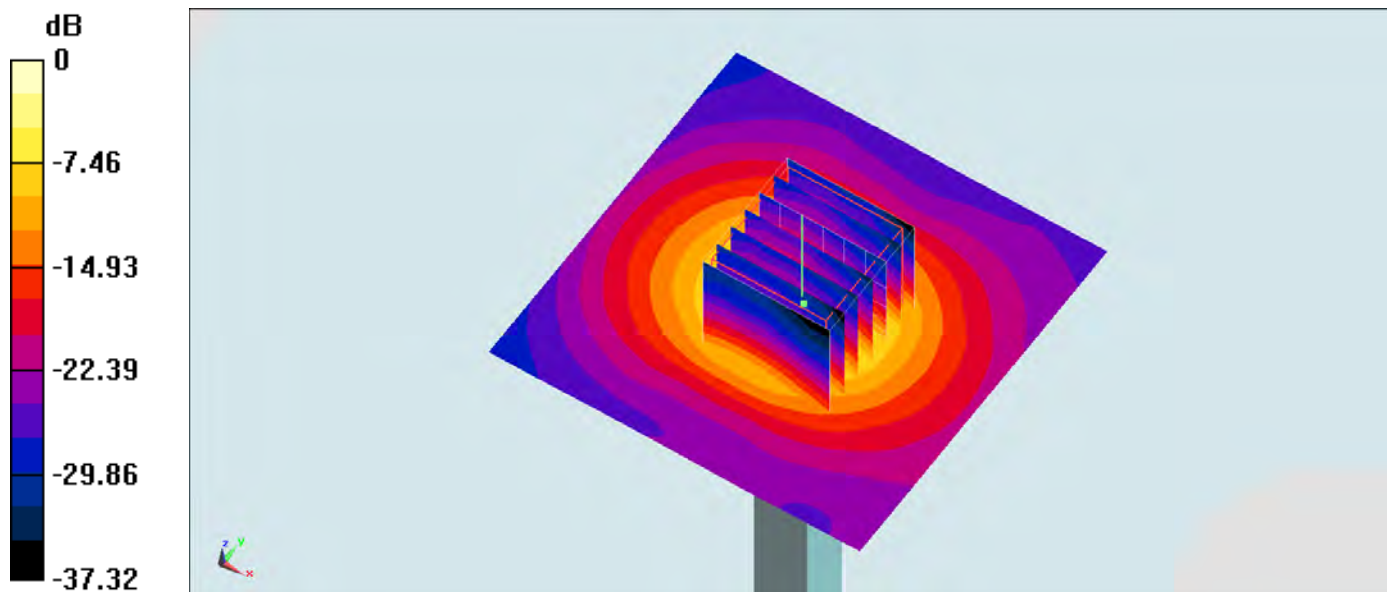
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 72.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 33.8 W/kg

SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

System Check_Head_5600MHz_160113

DUT: D5GHzV2-1128-5600

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

Medium: HSL_5G_160113 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.019$ mho/m; $\epsilon_r = 36.887$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.39, 4.39, 4.39); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 19.1 mW/g

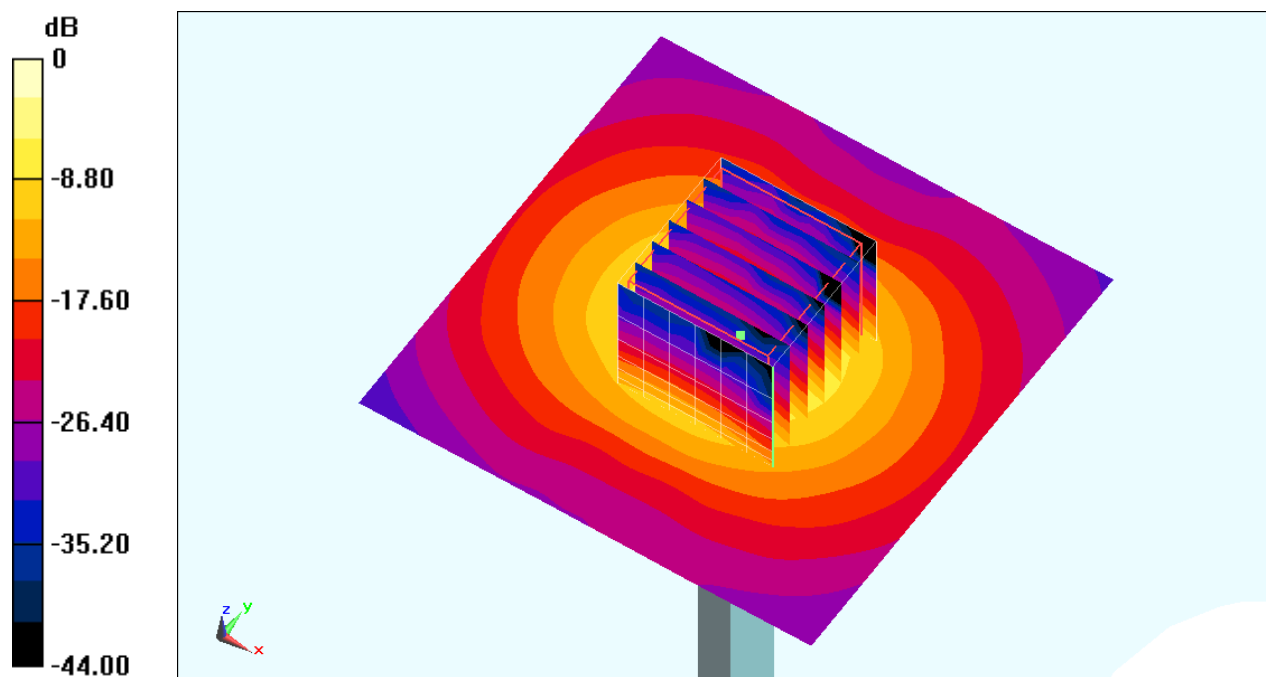
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.466 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.433 mW/g

SAR(1 g) = 7.84 mW/g; SAR(10 g) = 2.19 mW/g

Maximum value of SAR (measured) = 19.5 mW/g



0 dB = 19.5 mW/g = 25.80 dB mW/g

System Check_Body_5600MHz_151121

DUT: D5GHzV2-1128

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

Medium: MSL_5G_151121 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.982$ S/m; $\epsilon_r = 46.283$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

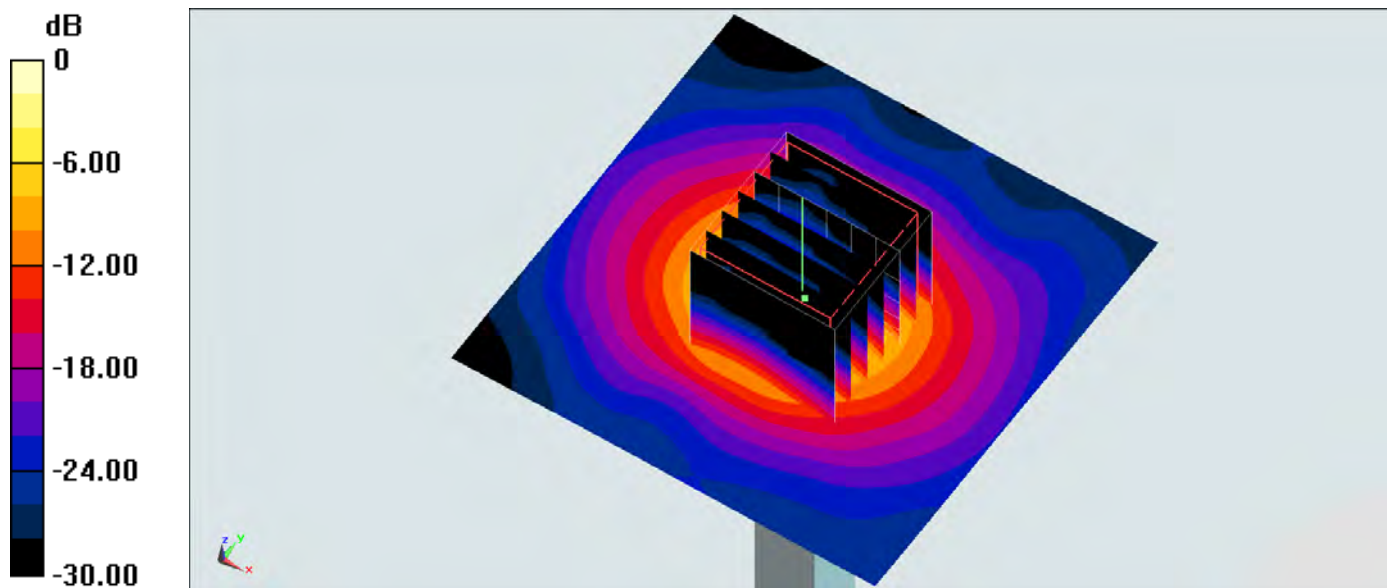
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.26 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.11 W/kg

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



0 dB = 20.0 W/kg = 13.01 dBW/kg

System Check_Head_5750MHz_151122

DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5G_151122 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.024$ S/m; $\epsilon_r = 35.796$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.58, 4.58, 4.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.3 W/kg

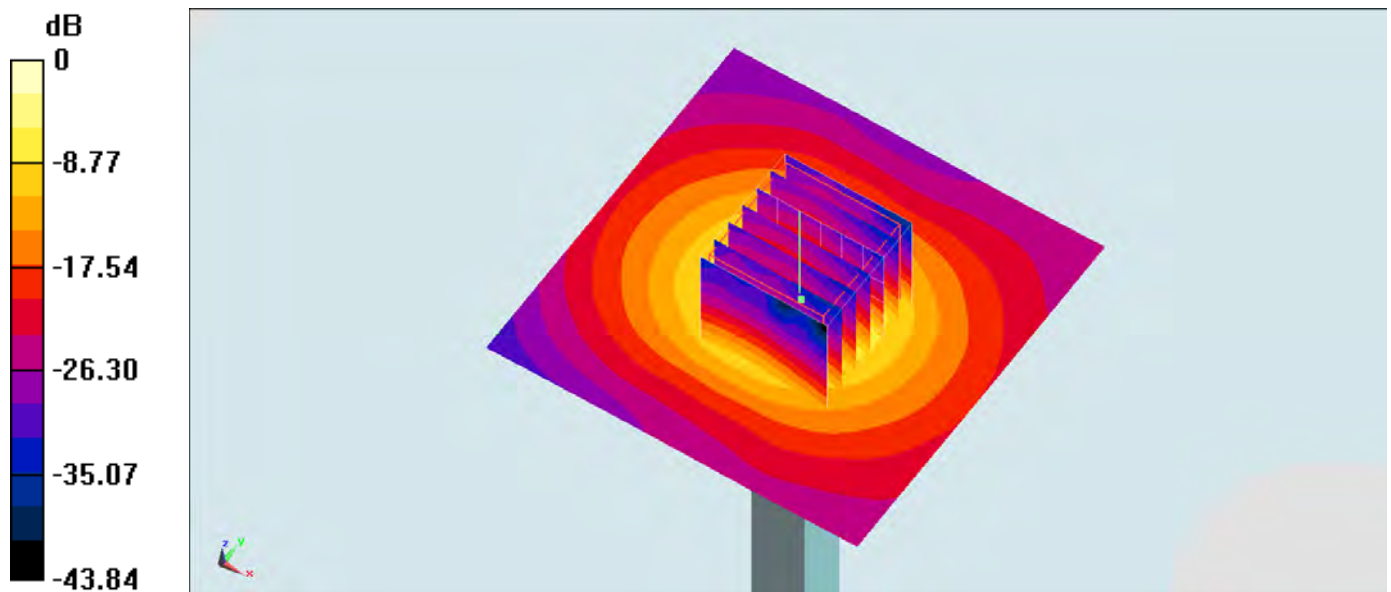
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.01 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(1 g) = 7.51 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

System Check_Head_5750MHz_160113

DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5G_160113 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.181$ mho/m; $\epsilon_r = 36.644$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 19.5 mW/g

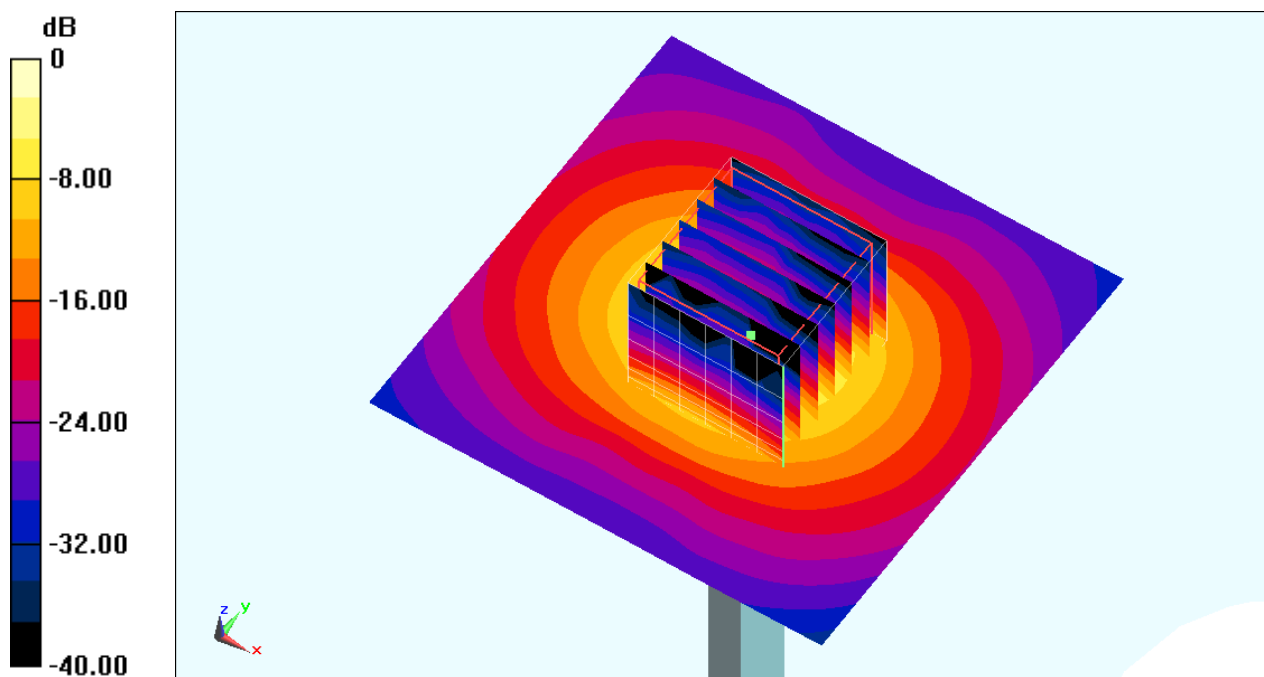
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.646 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 33.198 mW/g

SAR(1 g) = 7.98 mW/g; SAR(10 g) = 2.23 mW/g

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



0 dB = 20.0 mW/g = 26.02 dB mW/g

System Check_Body_5750MHz_151121

DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: MSL_5G_151121 Medium parameters used: $f = 5750$ MHz; $\sigma = 6.185$ S/m; $\epsilon_r = 46.016$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.1 W/kg

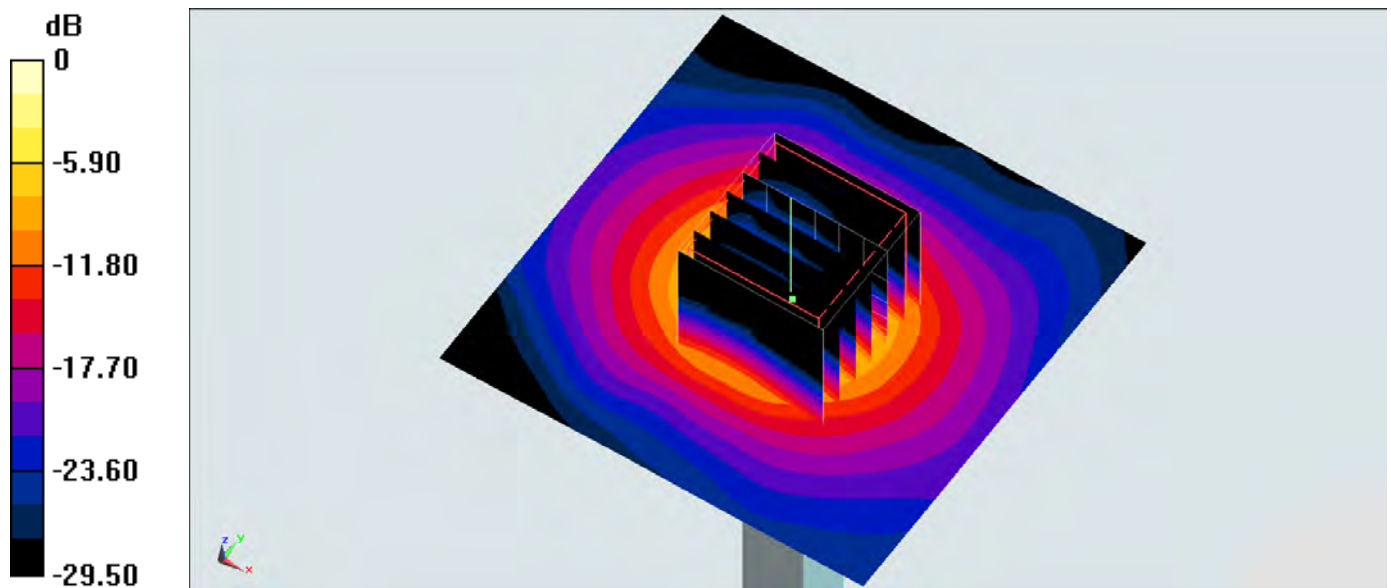
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.44 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 32.7 W/kg

SAR(1 g) = 7.27 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg