

System Check_Head_835MHz

DUT: D835V2-4d167

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

Medium: HSL_835_200718 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.883 \text{ S/m}$; $\epsilon_r = 42.628$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 835 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

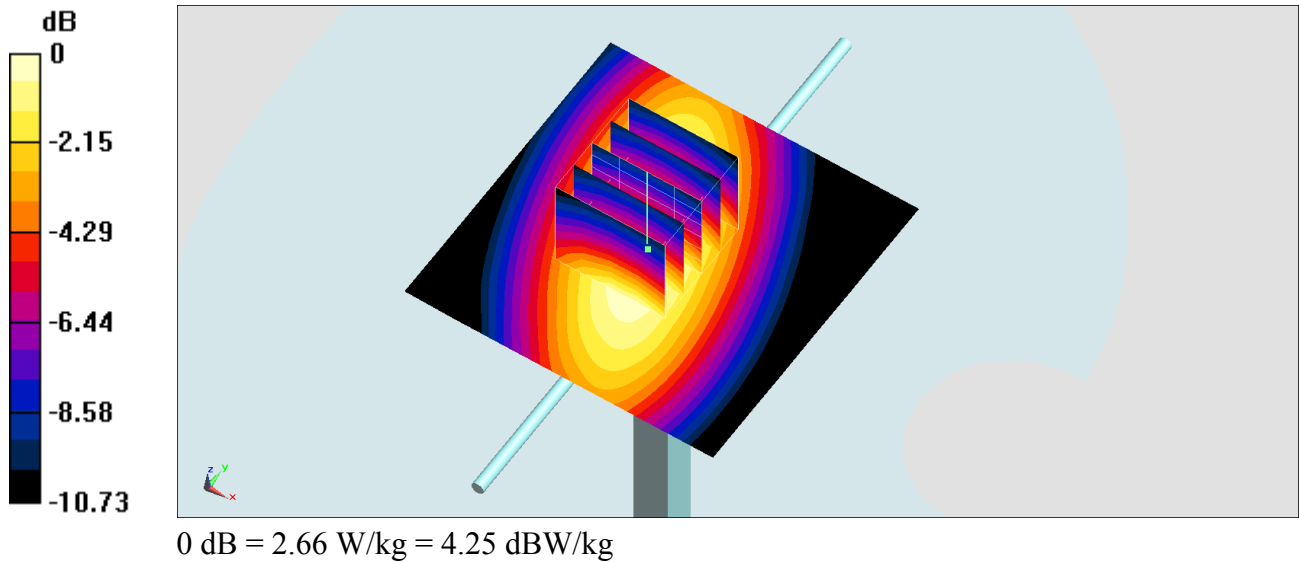
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.72 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 2.29 W/kg ; SAR(10 g) = 1.51 W/kg

Maximum value of SAR (measured) = 2.66 W/kg



System Check_Head_1900MHz

DUT: D1900V2-5d041

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

Medium: HSL_1900_200718 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.433$ S/m; $\epsilon_r = 38.773$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.31, 5.31, 5.31) @ 1900 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

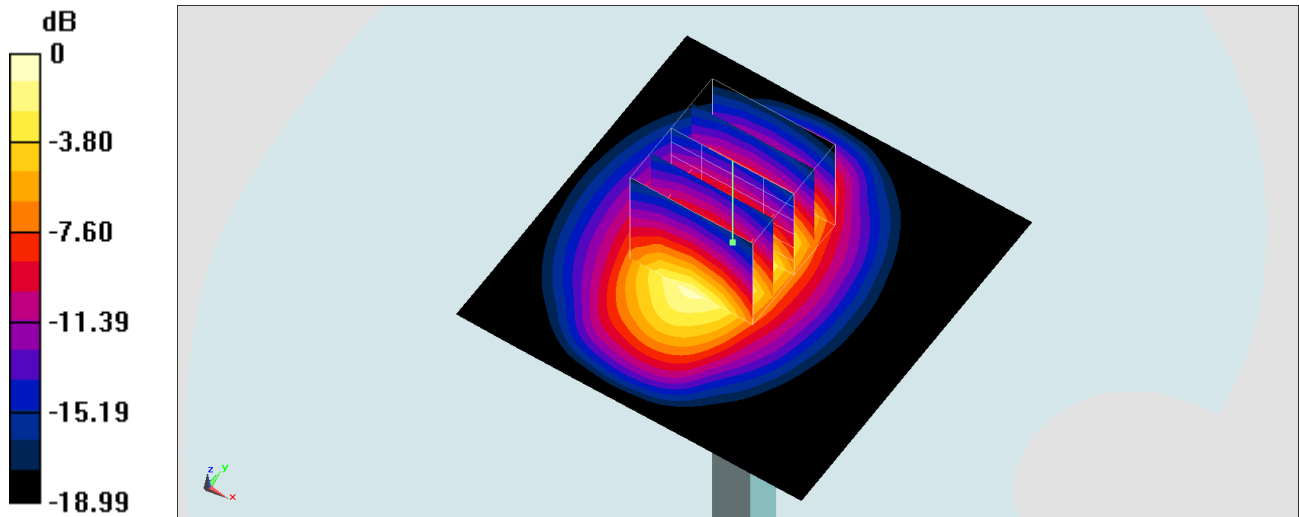
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.40 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 9.74 W/kg; SAR(10 g) = 5.04 W/kg

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg

System Check_Head_2450MHz

DUT: D2450V2-736

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

Medium: HSL_2450_200720 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 39.044$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2450 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 17.3 W/kg

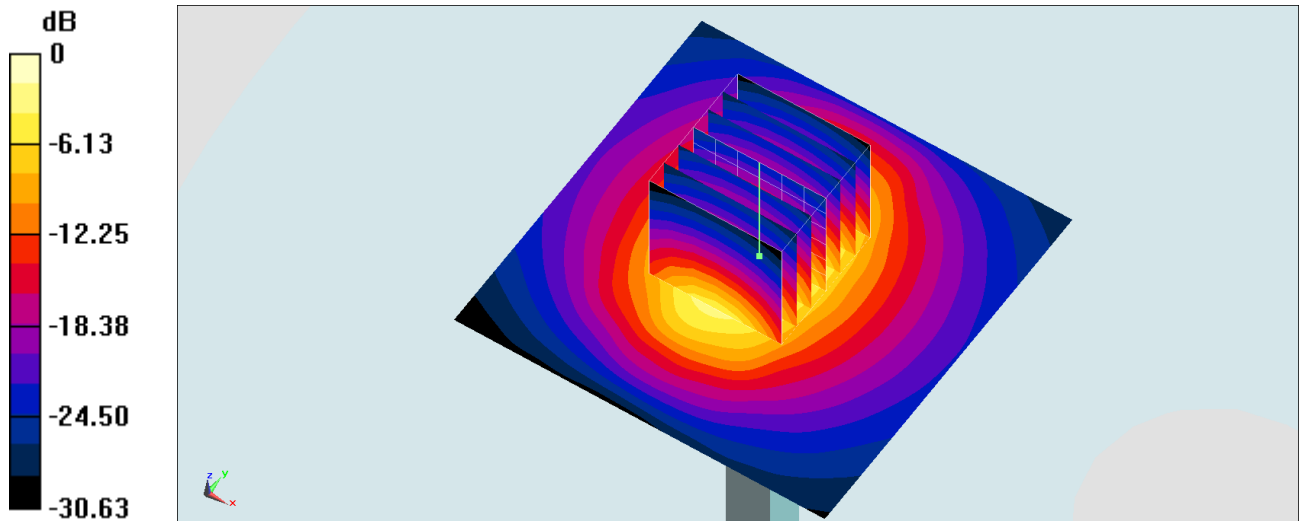
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 96.48 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 26.6 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.87 W/kg

Maximum value of SAR (measured) = 17.1 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

System Check_Head_5250MHz

DUT: D5GHzV2-1128

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

Medium: HSL_5G_200720 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.885$ S/m; $\epsilon_r = 36.48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.75, 4.75, 4.75) @ 5250 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.0 W/kg

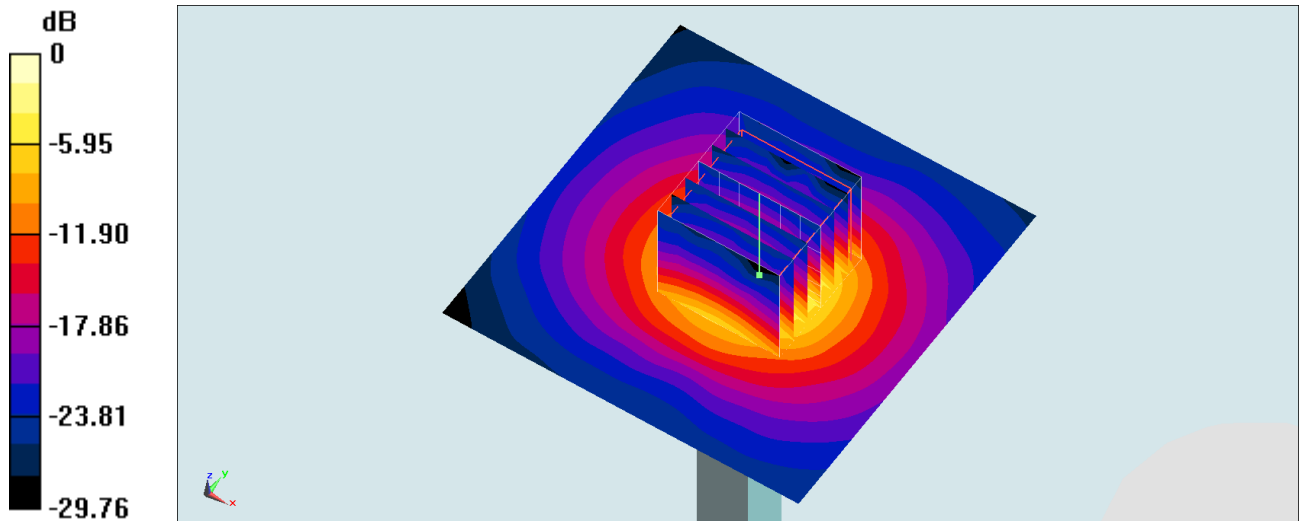
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.28 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 4.23 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

System Check_Head_5600MHz

DUT: D5GHzV2-1 128

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

Medium: HSL_5G_200720 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.231$ S/m; $\epsilon_r = 35.994$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.28, 4.28, 4.28) @ 5600 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.9 W/kg

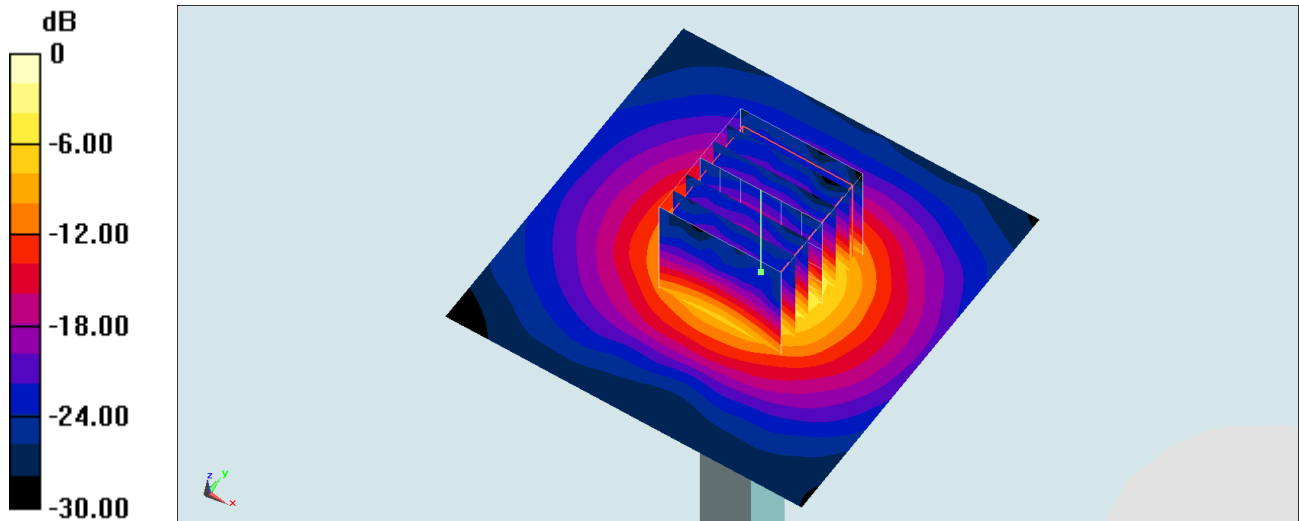
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.03 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 20.7 W/kg

SAR(1 g) = 4.21 W/kg; SAR(10 g) = 1.19 W/kg

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

System Check_Head_5750MHz

DUT: D5GHzV2-1128

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

Medium: HSL_5G_200720 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.384$ S/m; $\epsilon_r = 35.779$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887;ConvF(4.46, 4.46, 4.46) @ 5750 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

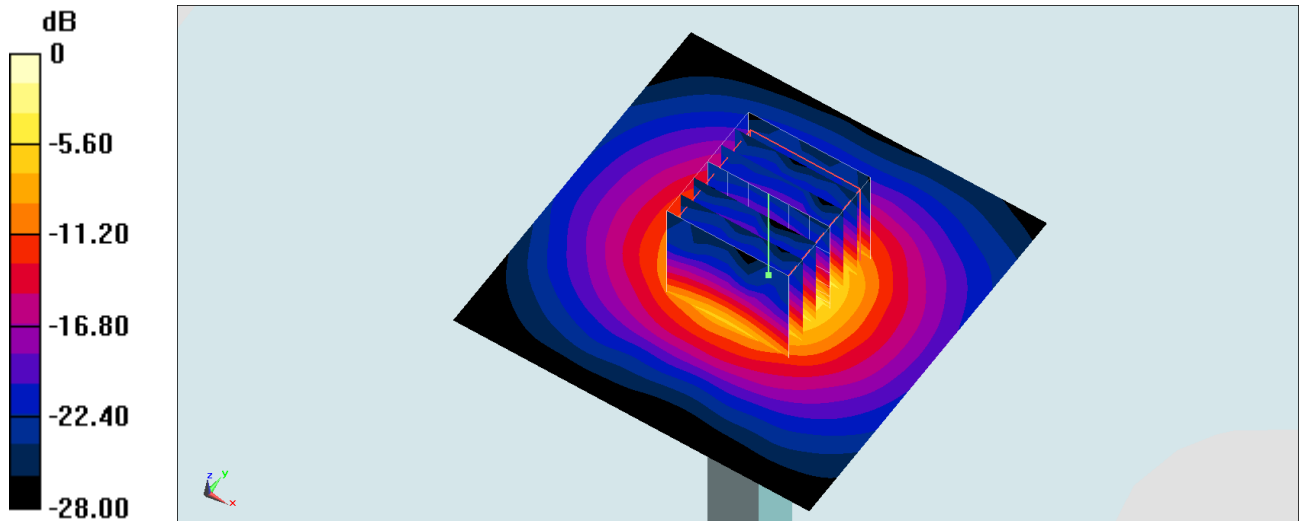
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.60 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 4.18 W/kg; SAR(10 g) = 1.18 W/kg

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg