

System Check_Head_2450MHz

DUT: D2450V2_806

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

Medium: HSL_2450_191106 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 39.267$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.7, 7.7, 7.7) @ 2450 MHz; Calibrated: 1/29/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 1/24/2019
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1025
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 19.2 W/kg

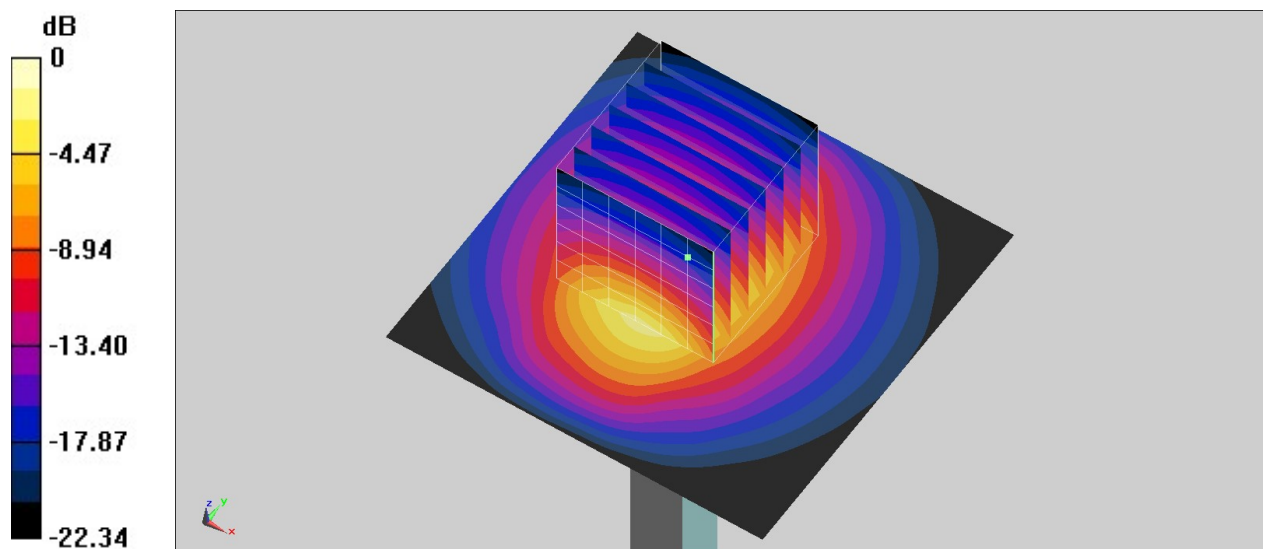
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.95 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 25.3 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.82 W/kg

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg = 12.74 dBW/kg

System Check_Head_2450MHz

DUT: D2450V2_806

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

Medium: HSL_2450_191108 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 40.549$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.7, 7.7, 7.7) @ 2450 MHz; Calibrated: 1/29/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 1/24/2019
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1025
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 22.1 W/kg

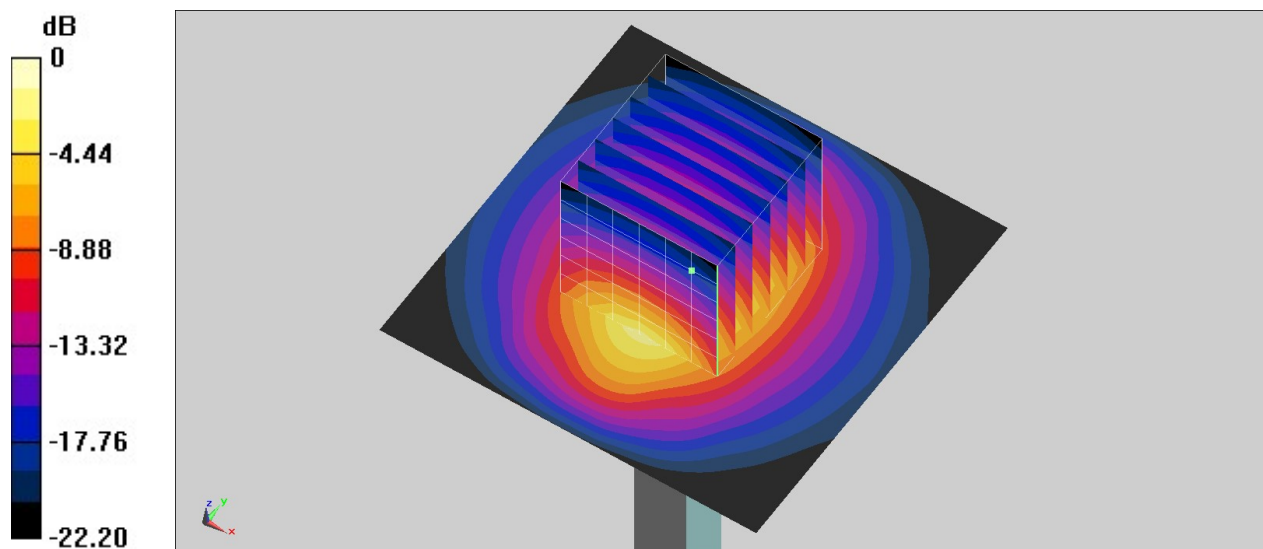
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.9 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 27.3 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.05 W/kg

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg

System Check_Head_5250MHz

DUT: D5GHzV2-1171-5250

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

Medium: HSL_5G_191107 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.67$ S/m; $\epsilon_r = 36.633$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.43, 5.43, 5.43) @ 5250 MHz; Calibrated: 1/29/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 1/24/2019
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1025
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

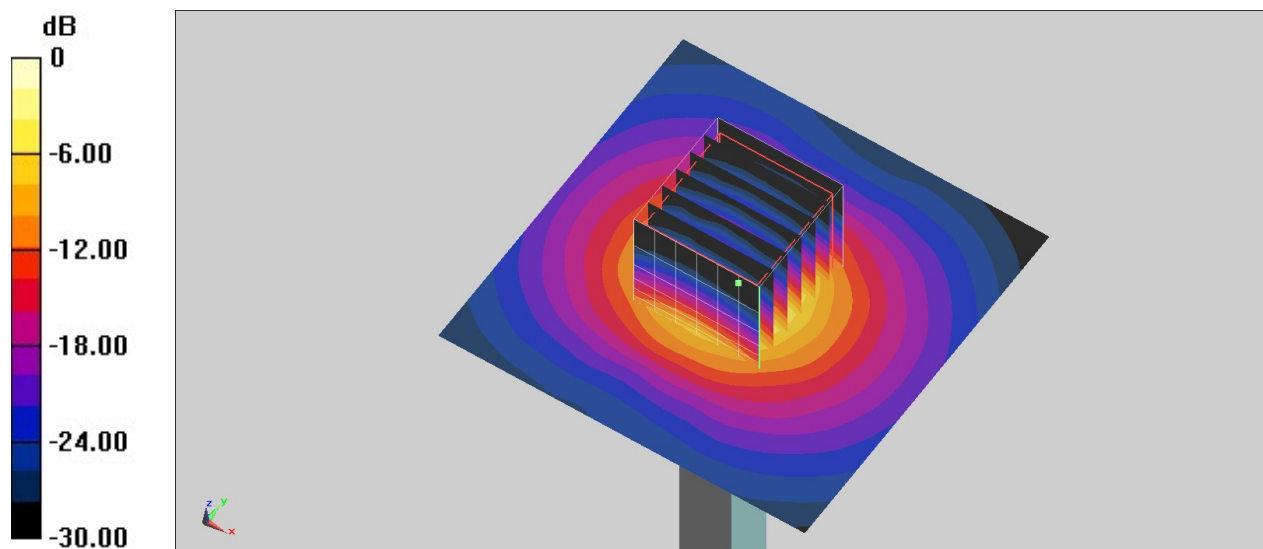
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.17 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.5 W/kg

SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.34 W/kg

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



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

System Check_Head_5600MHz

DUT: D5GHzV2-1171-5600

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

Medium: HSL_5G_191107 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.019$ S/m; $\epsilon_r = 36.133$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.86, 4.86, 4.86) @ 5600 MHz; Calibrated: 1/29/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 1/24/2019
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1025
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 21.5 W/kg

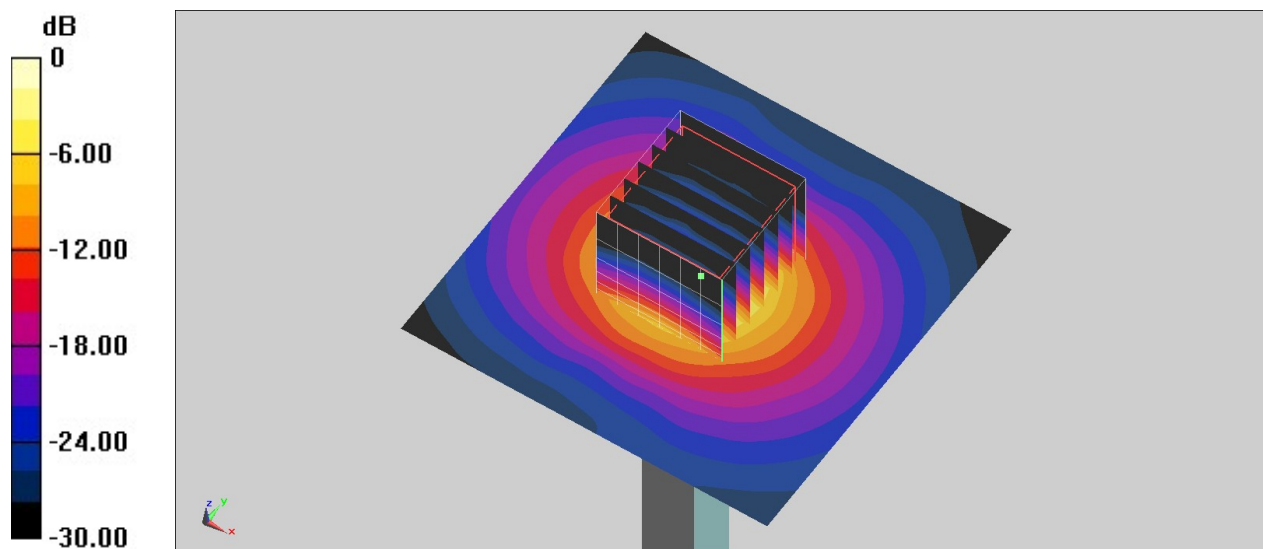
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.51 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 37.6 W/kg

SAR(1 g) = 8.51 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 22.3 W/kg = 13.48 dBW/kg

System Check_Head_5750MHz**DUT: D5GHzV2-1171-5750**

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

Medium: HSL_5G_191107 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.186$ S/m; $\epsilon_r = 35.91$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 1/29/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 1/24/2019
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1025
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 19.7 W/kg

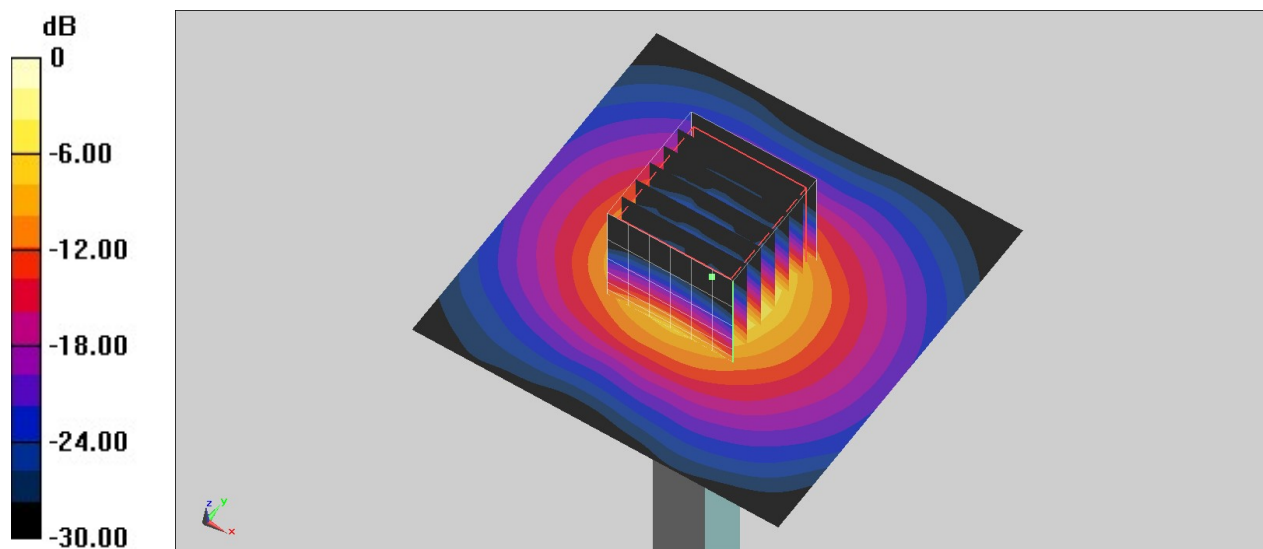
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.88 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 36.3 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.25 W/kg

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



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