

System Check_Head_2450MHz

DUT: D2450V2-929

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

Medium: HSL_2450_230114 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 38.896$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.57, 4.57, 4.57) @ 2450 MHz; Calibrated: 2022/10/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- 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) = 17.2 W/kg

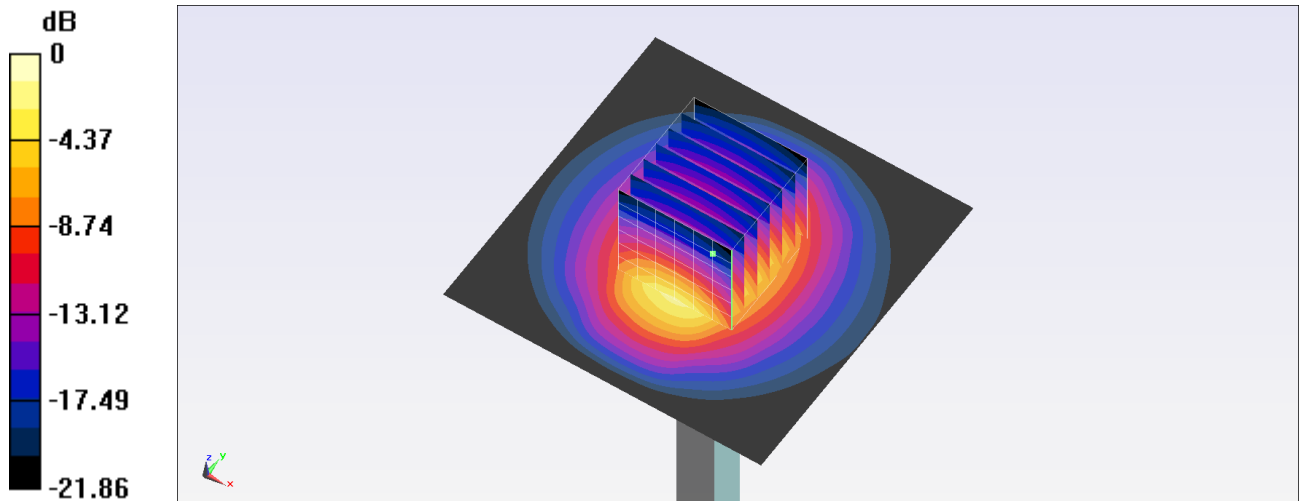
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.87 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.82 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg = 12.17 dBW/kg

System Check_Head_2450MHz

DUT: D2450V2-929

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

Medium: HSL_2450_230117 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 39.254$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.82, 7.82, 7.82) @ 2450 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

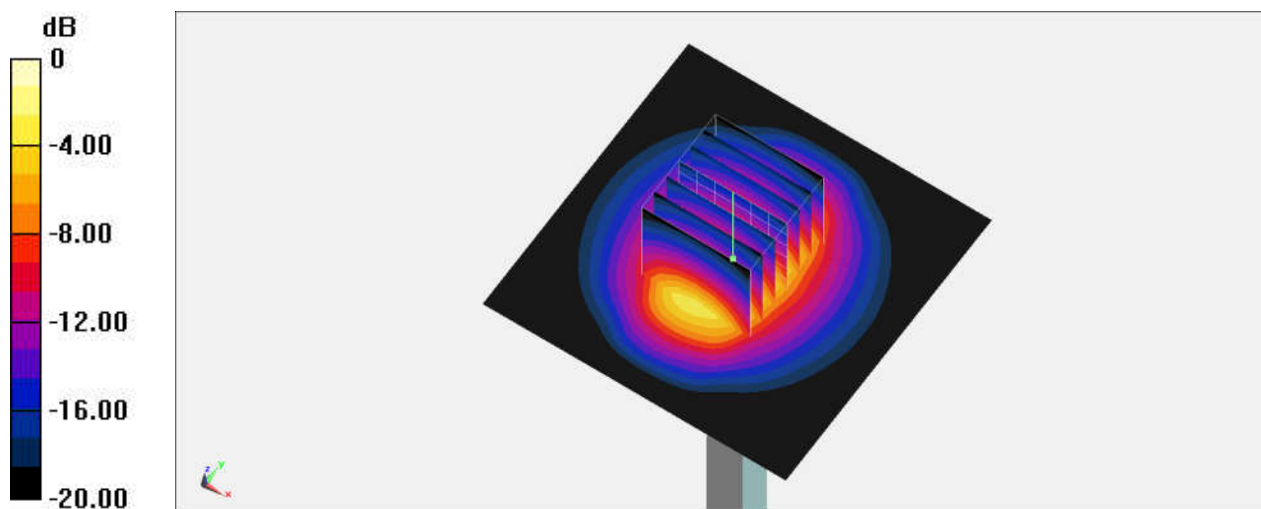
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.7 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 26.6 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.16 W/kg

Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

System Check_Head_5250MHz

DUT: D5GHzV2-1128

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

Medium: HSL_5G_230114 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.652$ S/m; $\epsilon_r = 36.084$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.98 W/kg

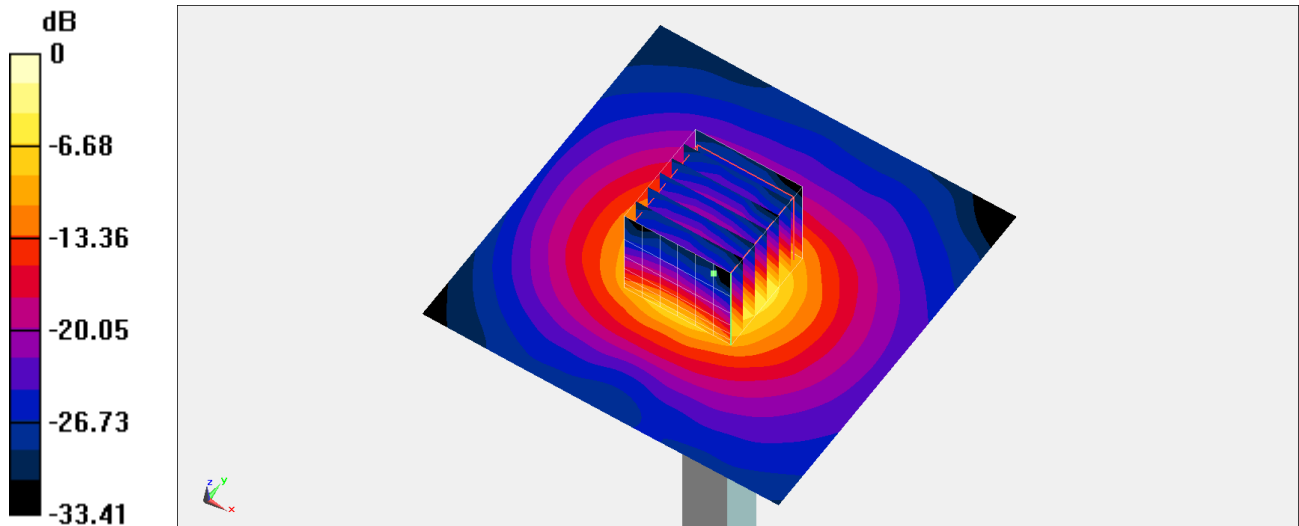
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.74 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(1 g) = 3.59 W/kg; SAR(10 g) = 1.04 W/kg

Maximum value of SAR (measured) = 8.86 W/kg



0 dB = 8.86 W/kg = 9.47 dBW/kg

System Check_Head_5600MHz

DUT: D5GHzV2-1128

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

Medium: HSL_5G_230114 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.044$ S/m; $\epsilon_r = 35.536$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(4.98, 4.98, 4.98) @ 5600 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.23 W/kg

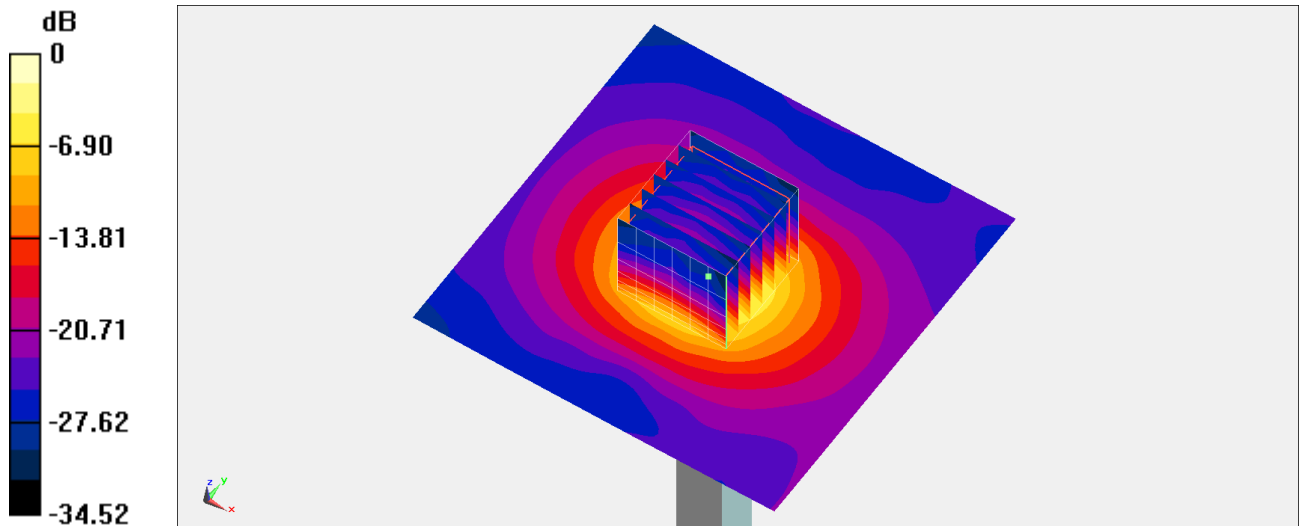
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.44 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 9.38 W/kg



0 dB = 9.38 W/kg = 9.72 dBW/kg

System Check_Head_5750MHz

DUT: D5GHzV2-1128

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

Medium: HSL_5G_230114 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.196$ S/m; $\epsilon_r = 35.344$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.23, 5.23, 5.23) @ 5750 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.50 W/kg

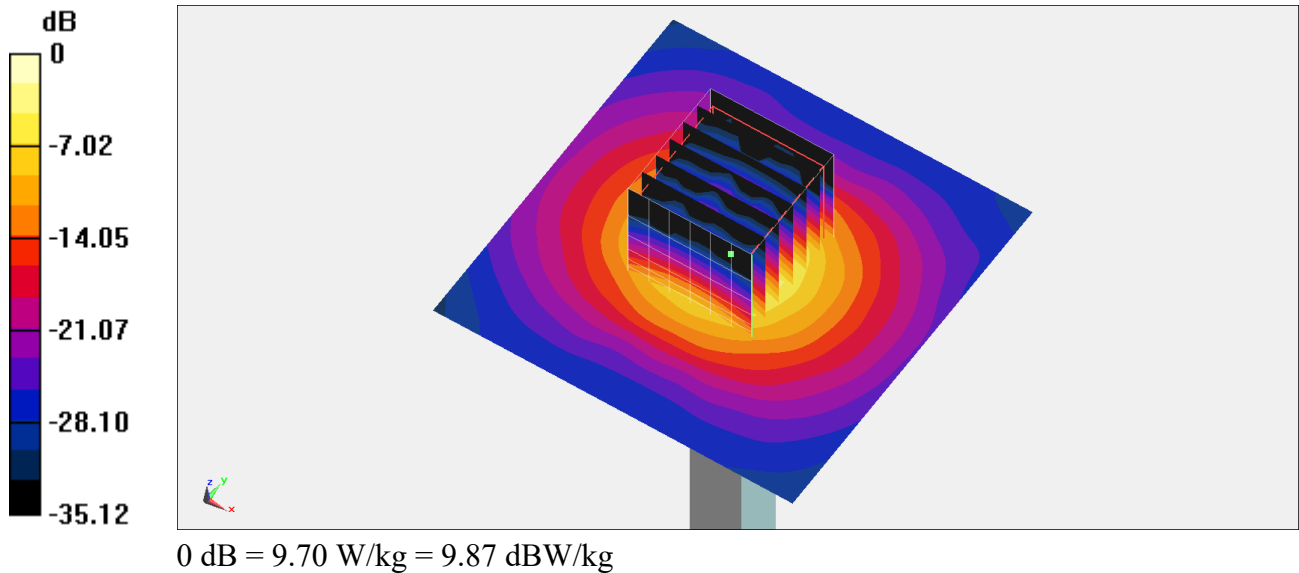
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.03 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 9.70 W/kg



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1

Medium: HSL_6G_230115 Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.11$ S/m; $\epsilon_r = 33.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2022-02-28
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: , 0--

Pin=100mW/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 21.9 W/kg; SAR (10g) = 4.76 W/kg;

Pin=100mW/Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 29.1 W/kg; SAR (8g) = 6.43 W/kg; SAR (10g) = 5.45 W/kg

psAPD (1.0cm², sq) = 291 [W/m²]; psAPD (4.0cm², sq) = 133 [W/m²]

