System Check_Head_2450MHz

DUT: D2450V2-929
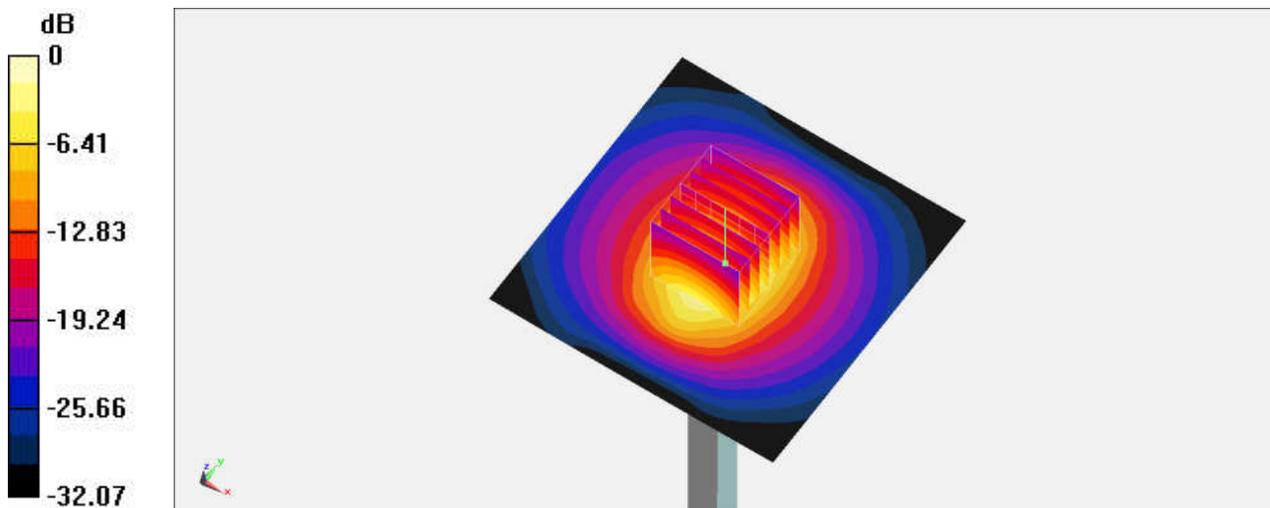
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_220309 Medium parameters used : f = 2450 MHz; σ = 1.799 S/m; ε_r = 40.315; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.52, 7.52, 7.52) @ 2450 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.29 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.62 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 5.24 W/kg
SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.2 W/kg
Maximum value of SAR (measured) = 4.27 W/kg

0 dB = 4.29 W/kg = 6.32 dBW/kg

System Check_Head_5250MHz

DUT: D5GHzV2-1128-5250

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5G_220310 Medium parameters used : f = 5250 MHz; σ = 4.695 S/m; ε_r = 36.183; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(5.33, 5.33, 5.33) @ 5250 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
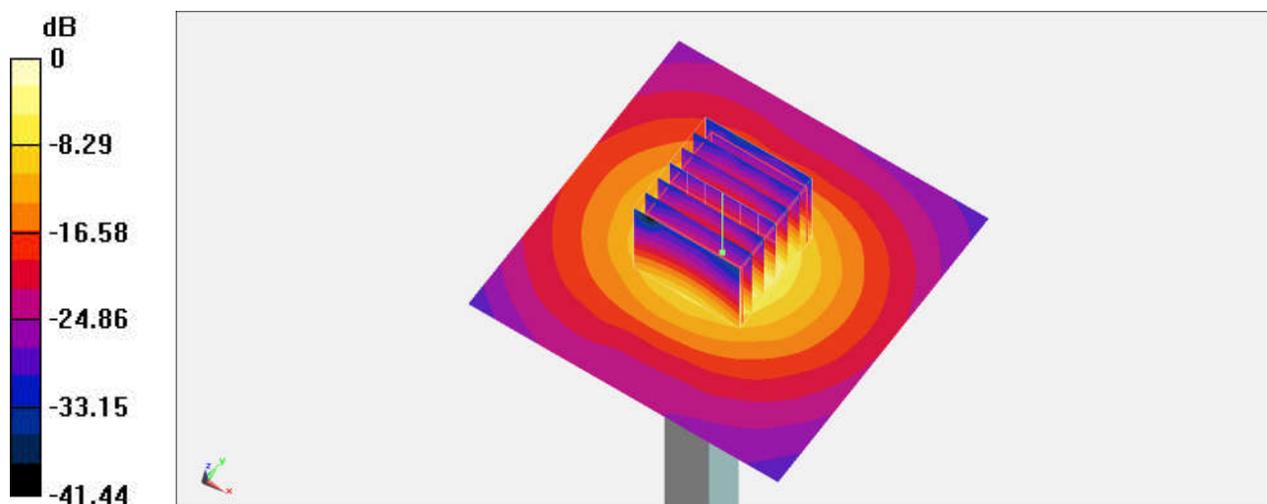Maximum value of SAR (interpolated) = 18.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.49 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 19.5 W/kg

0 dB = 18.1 W/kg = 12.58 dBW/kg

System Check_Head_5600MHz

DUT: D5GHzV2-1128-5600

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium: HSL_5G_220310 Medium parameters used: f = 5600 MHz; σ = 5.06 S/m; ε_r = 35.683; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66) @ 5600 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
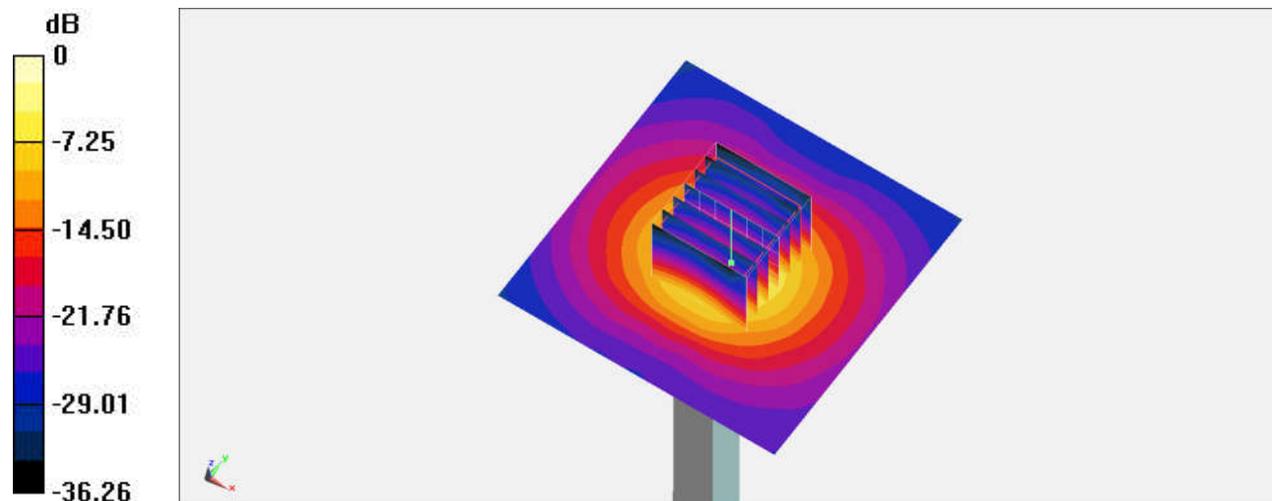Maximum value of SAR (interpolated) = 22.9 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 75.19 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 38.7 W/kg
SAR(1 g) = 8.78 W/kg; SAR(10 g) = 2.43 W/kg
Maximum value of SAR (measured) = 23.0 W/kg

0 dB = 22.9 W/kg = 13.60 dBW/kg

System Check_Head_5750MHz

DUT: D5GHzV2-1128-5750

Communication System: CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5G_220310 Medium parameters used: f = 5750 MHz; σ = 5.222 S/m; ε_r = 35.475; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
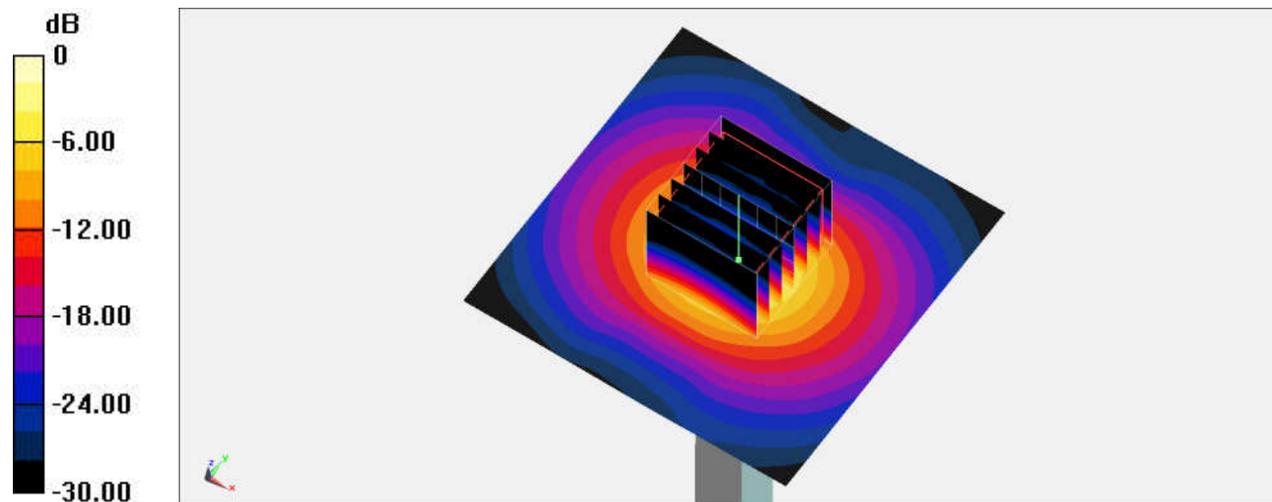
Maximum value of SAR (interpolated) = 22.7 W/kg

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

Reference Value = 69.46 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 36.5 W/kg
SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.37 W/kg
Maximum value of SAR (measured) = 21.6 W/kg

0 dB = 21.6 W/kg = 13.34 dBW/kg