System Check_Head_750MHz

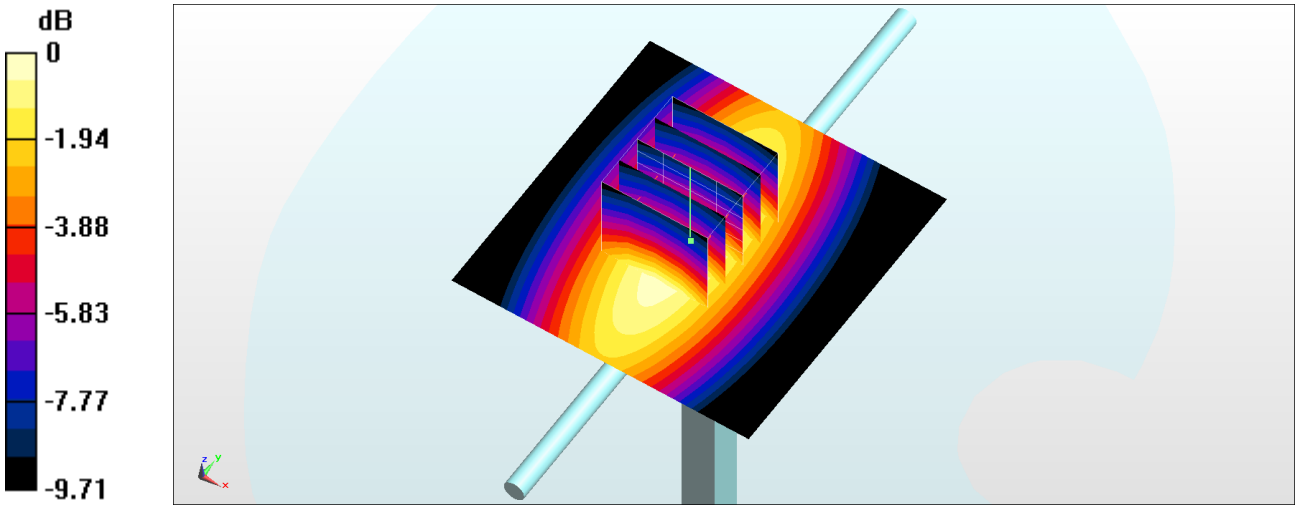
DUT: D750V3-1107

Communication System: CW ; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_190716 Medium parameters used: f = 750 MHz; σ = 0.901 S/m; ε_r = 40.523; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3170;ConvF(6.41, 6.41, 6.41) @ 750 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.47 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.35 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 2.48 W/kg



0 dB = 2.48 W/kg = 3.94 dBW/kg

System Check_Head_835MHz

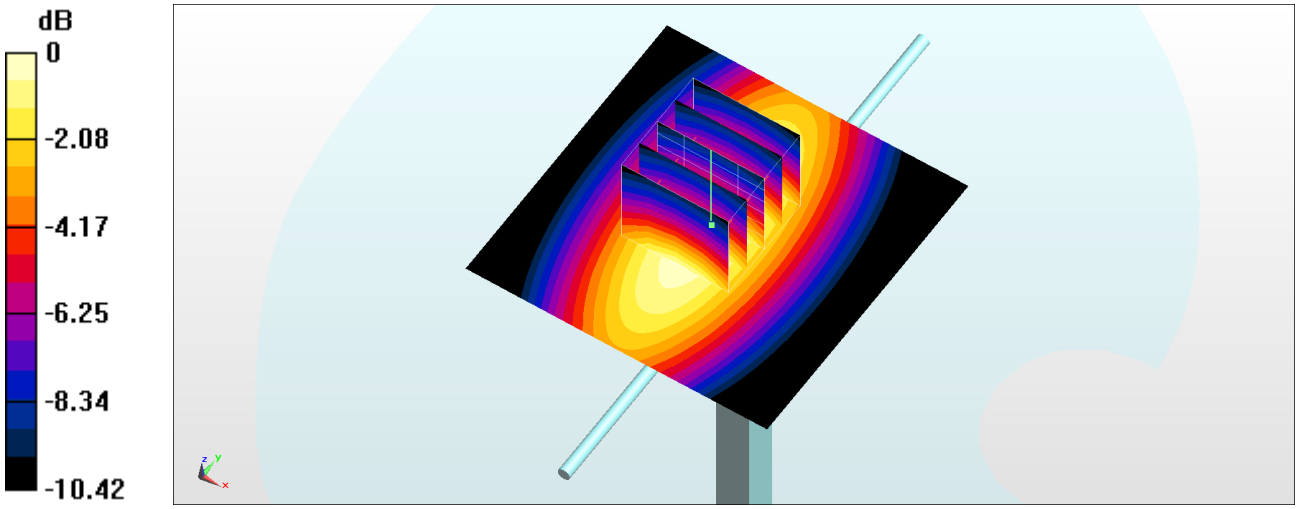
DUT: D835V2-4d167

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_190715 Medium parameters used: f = 835 MHz; σ = 0.874 S/m; ε_r = 43.185; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3170;ConvF(6.28, 6.28, 6.28) @ 835 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.77 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.75 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.57 W/kg
Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

System Check_Head_1750MHz

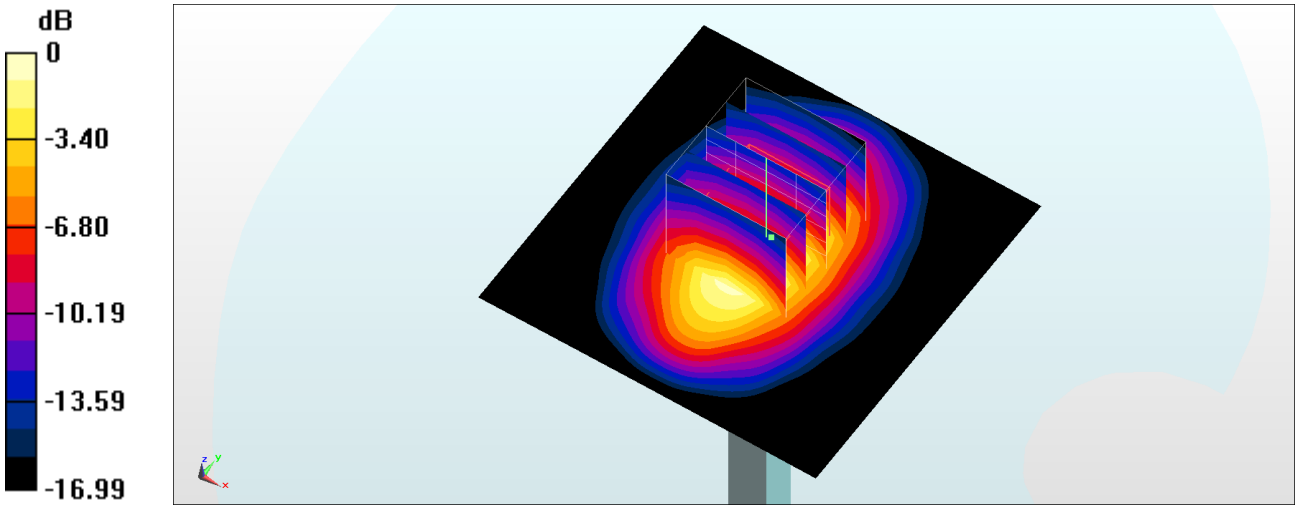
DUT: D1750V2-1112

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_190717 Medium parameters used: f = 1750 MHz; σ = 1.358 S/m; ε_r = 41.604; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3170;ConvF(5.32, 5.32, 5.32) @ 1750 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.0 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.88 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.48 W/kg; SAR(10 g) = 5.08 W/kg
Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

System Check_Head_1900MHz

DUT: D1900V2-5d041

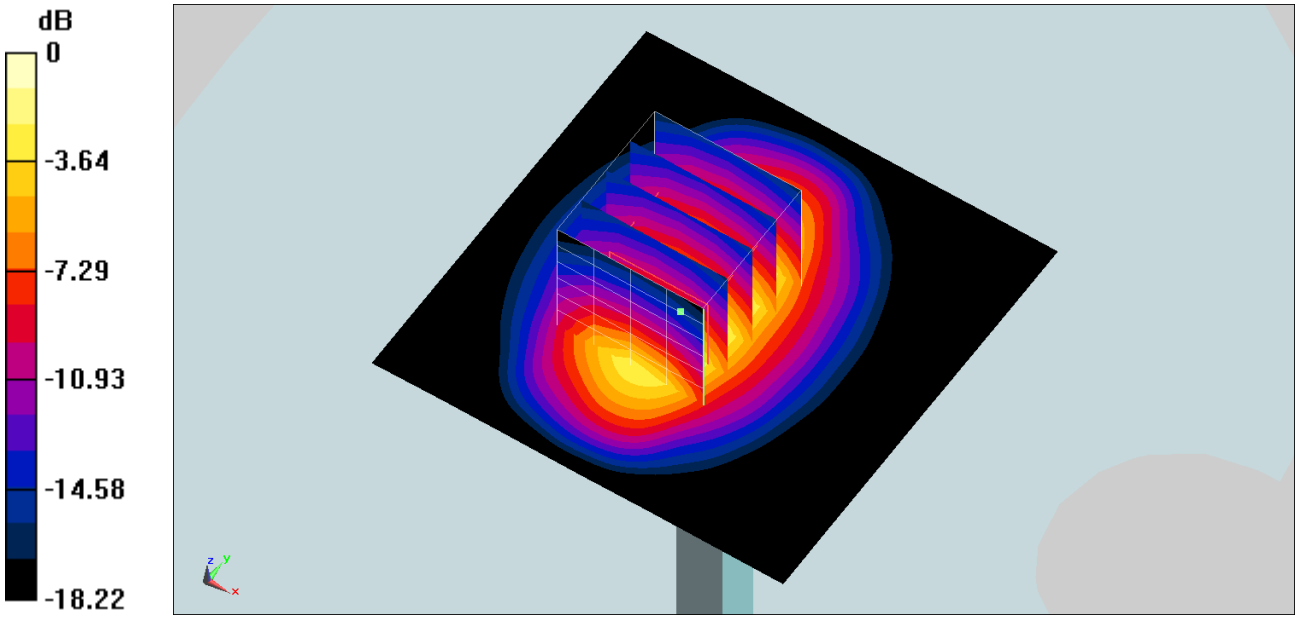
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190719 Medium parameters used: f = 1900 MHz; σ = 1.405 S/m; ε_r = 40.325; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1900 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.6 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 90.16 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 9.65 W/kg; SAR(10 g) = 5.03 W/kg
Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

System Check_Head_2450MHz

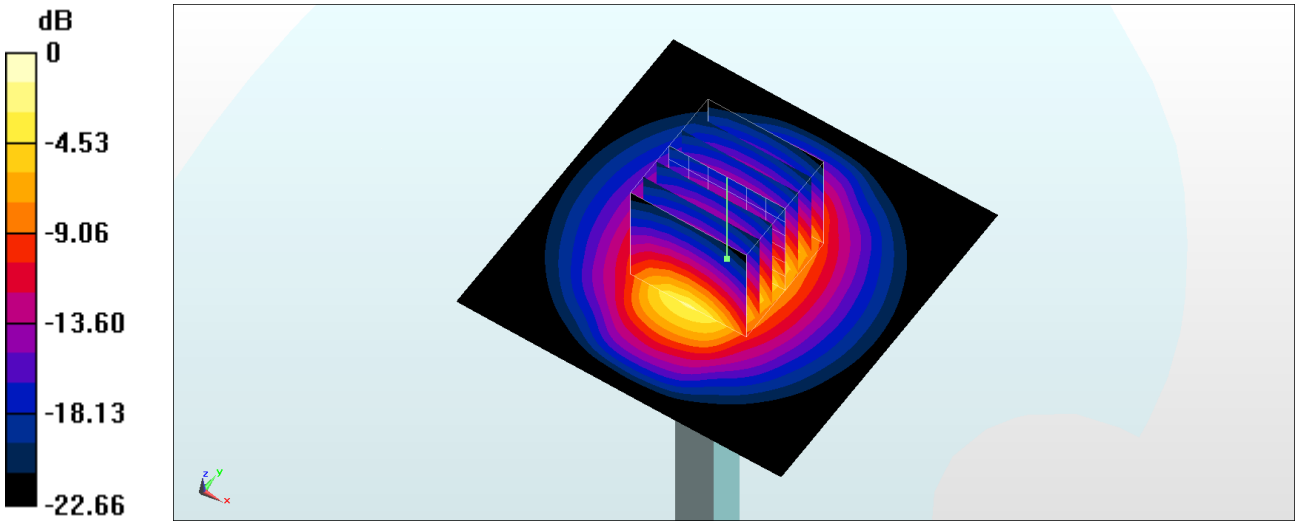
DUT: D2450V2-736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_190721 Medium parameters used : f = 2450 MHz; σ = 1.788 S/m; ε_r = 38.907; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2450 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 118.1 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.26 W/kg
Maximum value of SAR (measured) = 23.4 W/kg



0 dB = 23.4 W/kg = 13.69 dBW/kg

System Check_Head_2600MHz

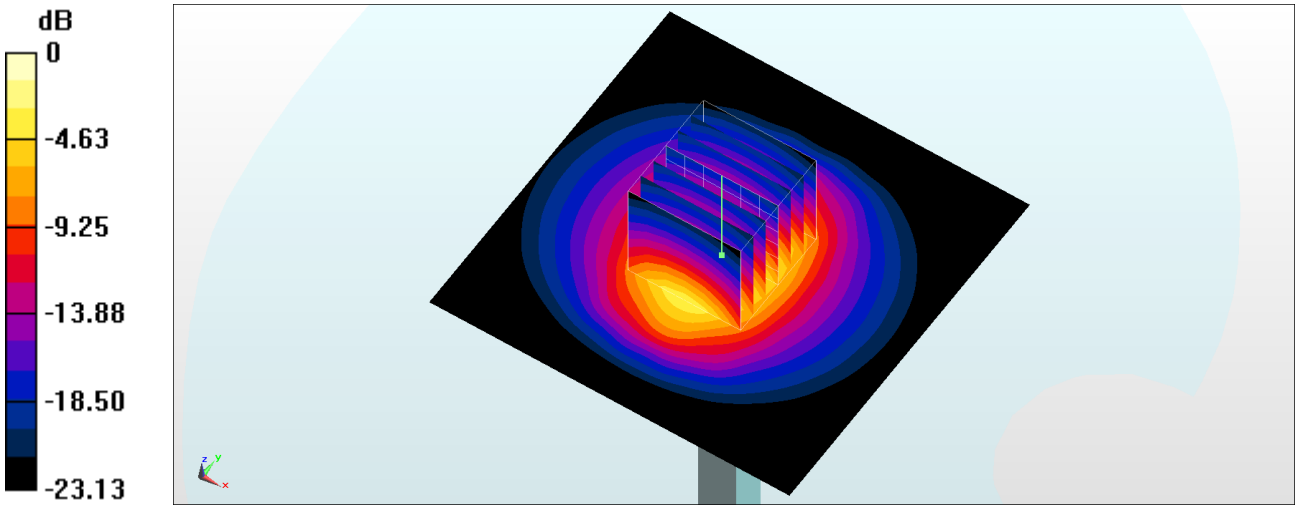
DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_190718 Medium parameters used: f = 2600 MHz; σ = 1.979 S/m; ε_r = 38.248; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3170;ConvF(4.43, 4.43, 4.43) @ 2600 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 18.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.77 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 29.9 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.23 W/kg
Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg = 12.67 dBW/kg

System Check_Head_5250MHz

DUT: D5GHzV2-1006

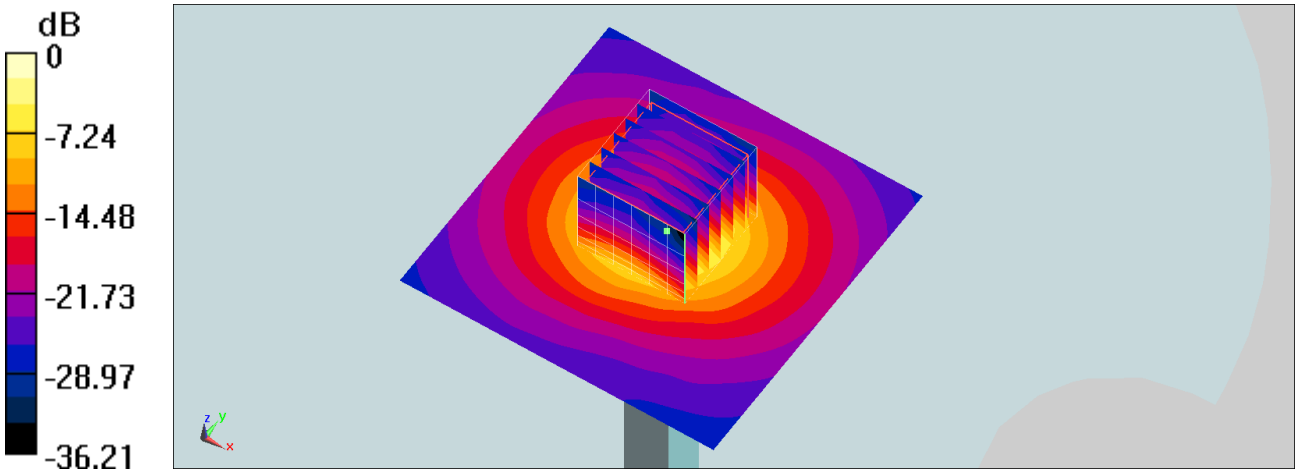
Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5G_190722 Medium parameters used: f = 5250 MHz; σ = 4.667 S/m; ε_r = 35.933; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) @ 5250 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.85 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (measured) = 20.4 W/kg



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

System Check_Head_5600MHz

DUT: D5GHzV2-1006

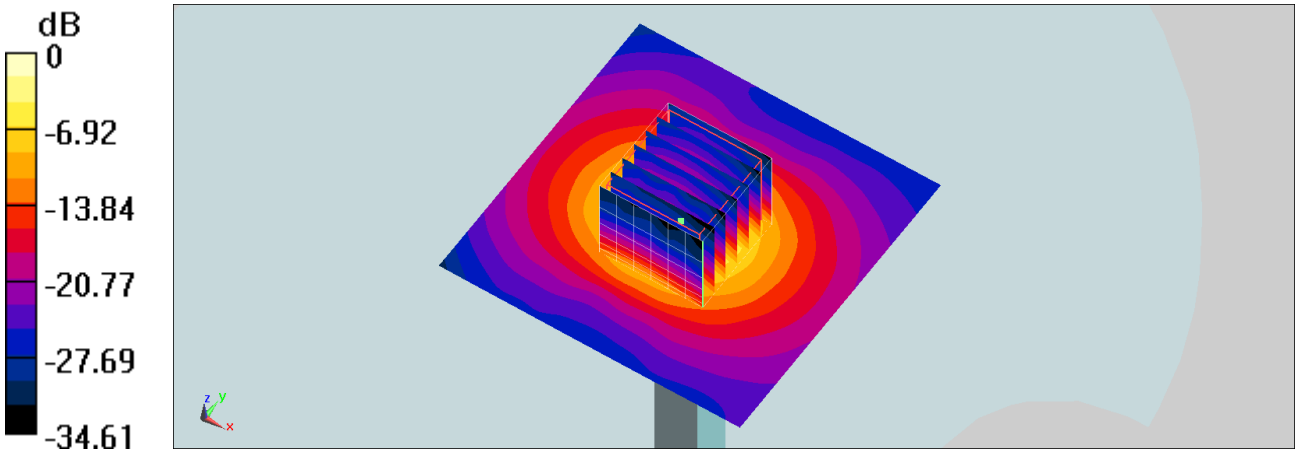
Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5G_190722 Medium parameters used: f = 5600 MHz; σ = 5.024 S/m; ε_r = 35.487; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.47, 4.47, 4.47) @ 5600 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 21.6 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 72.28 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 36.1 W/kg
SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.44 W/kg
Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg

System Check_Head_5750MHz

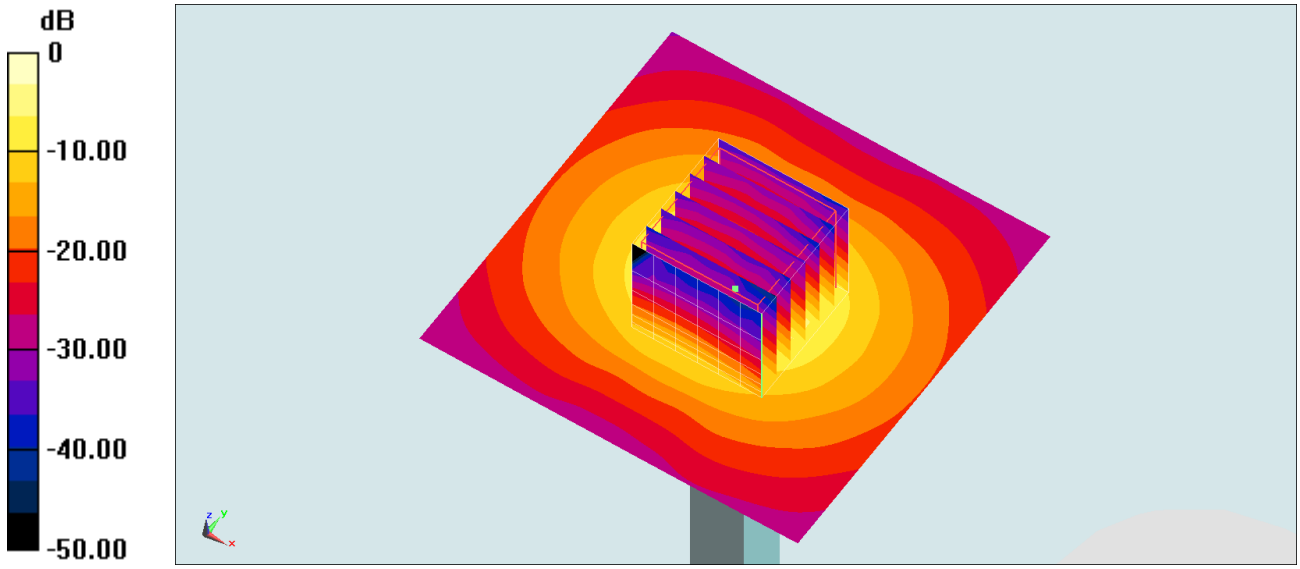
DUT: D5GHzV2-1006

Communication System: CW ; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5G_190723 Medium parameters used: f = 5750 MHz; σ = 5.071 S/m; ε_r = 36.577; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) @ 5750 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.9 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 72.75 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 38.9 W/kg
SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.3 W/kg
Maximum value of SAR (measured) = 20.8 W/kg



0 dB = 20.8 W/kg = 13.18 dBW/kg