## System Check\_H2450

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): f = 2450 MHz;  $\sigma$  = 1.806 S/m;  $\epsilon_r$  = 38.277;  $\rho$  = 1000 kg/m<sup>3</sup> DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Electronics: DAE4 Sn1486; Calibrated: 2021/6/1

- Probe: EX3DV4 - SN7369; ConvF(7.62, 7.62, 7.62) @ 2450 MHz; Calibrated: 2021/6/3

- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

### System Performance Check at Frequencies above 1 GHz/Pin=250mW

**2/Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 21.2 W/kg

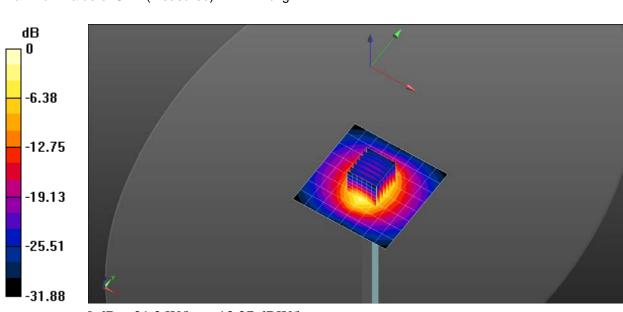
# System Performance Check at Frequencies above 1 GHz/Pin=250mW

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

Reference Value = 111.8 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 26.6 W/kg SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.62 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mmRatio of SAR at M2 to SAR at M1 = 45.8%Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.2 W/kg = 13.27 dBW/kg

## System Check\_H5G

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: f = 5200 MHz;  $\sigma$  = 4.778 S/m;  $\epsilon_r$  = 35.508;  $\rho$  = 1000 kg/m<sup>3</sup> DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

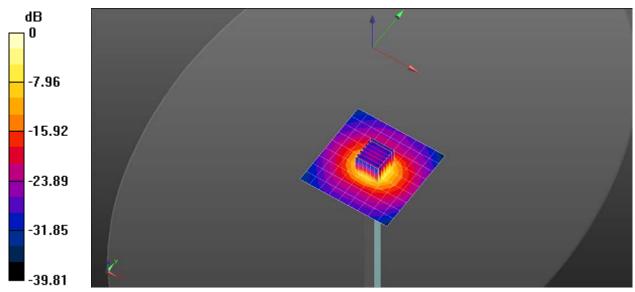
- Electronics: DAE4 Sn1486; Calibrated: 2021/6/1
- Probe: EX3DV4 SN7369; ConvF(5.15, 5.15, 5.15) @ 5200 MHz; Calibrated: 2021/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

# **Configuration/Pin=100mW/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.1 W/kg

#### Configuration/Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2mm Reference Value = 60.35 V/m; Power Drift = -0.02 dB Peak SAR (extrapolated) = 30.8 W/kg **SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.28 W/kg** Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 55.4% Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

## System Check\_H5G

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid

Temperature: 22.0°C

Medium parameters used: f = 5300 MHz;  $\sigma$  = 4.9 S/m;  $\epsilon_r$  = 35.249;  $\rho$  = 1000 kg/m<sup>3</sup> DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

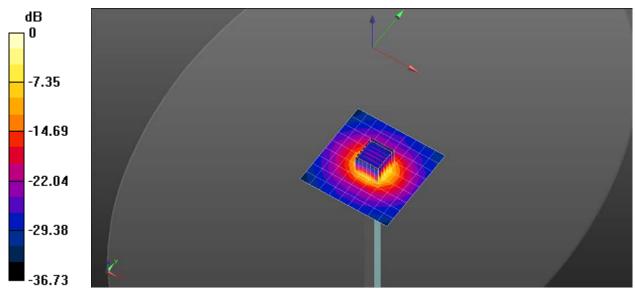
- Electronics: DAE4 Sn1486; Calibrated: 2021/6/1
- Probe: EX3DV4 SN7369; ConvF(5, 5, 5) @ 5300 MHz; Calibrated: 2021/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

# **Configuration/Pin=100mW/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 12.4 W/kg

### Configuration/Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2mm Reference Value = 58.68 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 31.5 W/kg **SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.27 W/kg** Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 54.4% Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg = 12.97 dBW/kg

## System Check\_H5G

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: f = 5600 MHz;  $\sigma$  = 5.265 S/m;  $\epsilon_r$  = 34.494;  $\rho$  = 1000 kg/m<sup>3</sup> DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

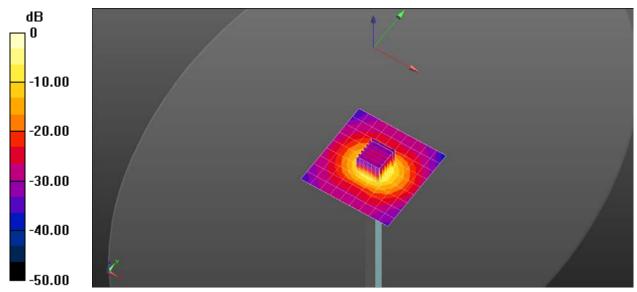
- Electronics: DAE4 Sn1486; Calibrated: 2021/6/1
- Probe: EX3DV4 SN7369; ConvF(4.66, 4.66, 4.66) @ 5600 MHz; Calibrated: 2021/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

# **Configuration/Pin=100mW/Area Scan (10x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.8 W/kg

### Configuration/Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2mm Reference Value = 61.98 V/m; Power Drift = -0.02 dB Peak SAR (extrapolated) = 38.6 W/kg **SAR(1 g) = 8.61 W/kg; SAR(10 g) = 2.46 W/kg** Smallest distance from peaks to all points 3 dB below = 7.5 mm Ratio of SAR at M2 to SAR at M1 = 50.4% Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 dBW/kg

## System Check\_H5G

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: f = 5800 MHz;  $\sigma$  = 5.503 S/m;  $\epsilon_r$  = 33.999;  $\rho$  = 1000 kg/m<sup>3</sup> DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Electronics: DAE4 Sn1486; Calibrated: 2021/6/1

- Probe: EX3DV4 - SN7369; ConvF(4.61, 4.61, 4.61) @ 5800 MHz; Calibrated: 2021/6/3

- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)

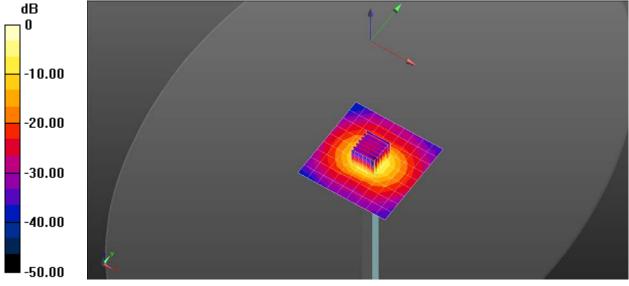
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

### Configuration/Pin=100mW/Area Scan (10x10x1): Measurement grid: dx=10mm,

dy=10mm Maximum value of SAR (measured) = 13.2 W/kg

### Configuration/Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2mm Reference Value = 61.70 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 38.2 W/kg **SAR(1 g) = 8.62 W/kg; SAR(10 g) = 2.45 W/kg** Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 51.1% Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 dBW/kg