



REPORT No. : SZ19040375S01

Annex C Plots of System Performance Check

System Check_2450MHz_Body_190525

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.865$ S/m; $\epsilon_r = 53.048$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2450/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 13.94 W/kg

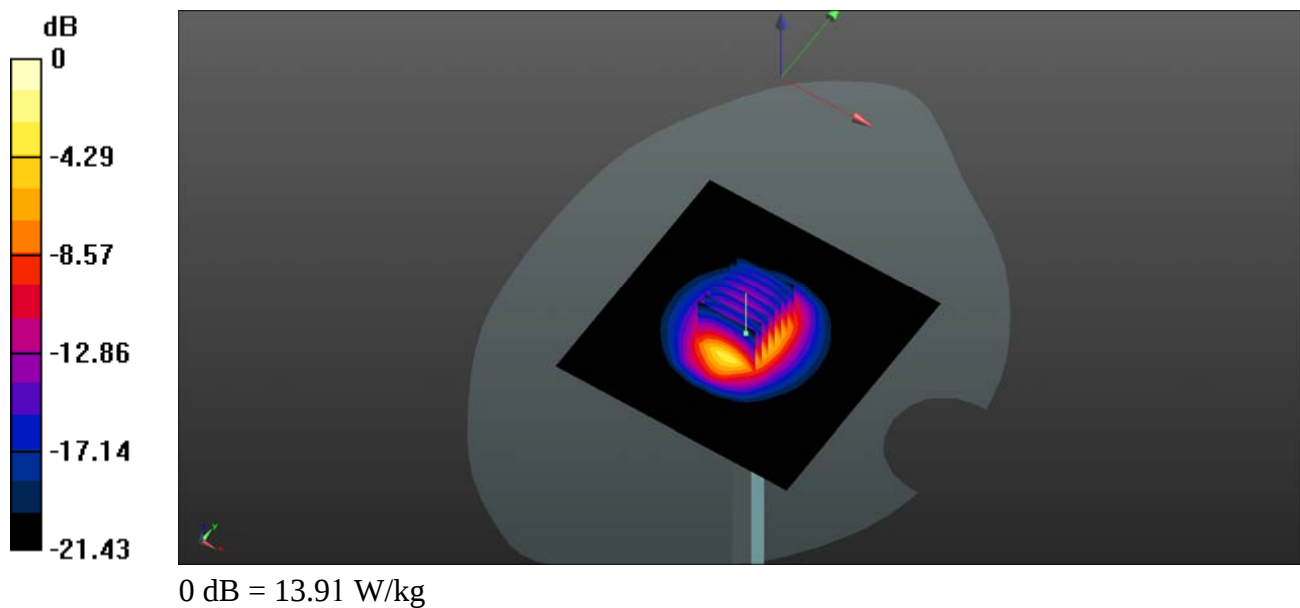
CW 2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.25 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 24.52 W/kg

SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.61 W/kg

Maximum value of SAR (measured) = 13.91 W/kg



System Check_5250MHz_Body_190528

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: MSL_5250 Medium parameters used: $f = 5250$ MHz; $\sigma = 5.432$ S/m; $\epsilon_r = 47.905$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5250/Area Scan (201x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.92 W/kg

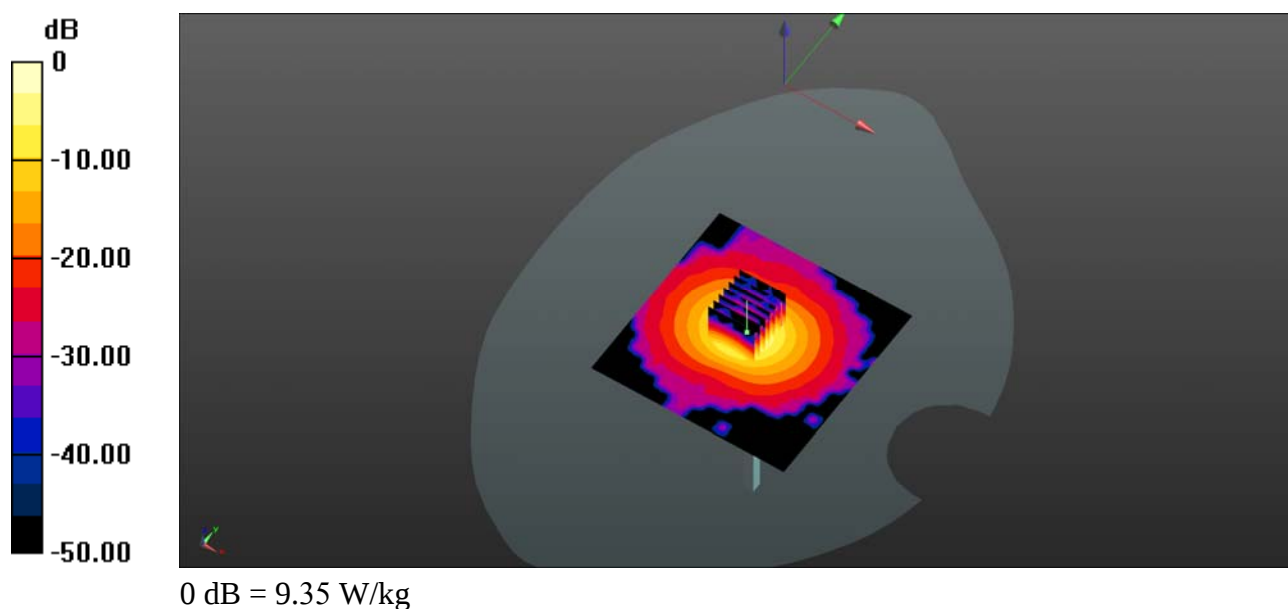
CW5250/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=4mm

Reference Value = 26.92 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 58.1 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.14 W/kg

Maximum value of SAR (measured) = 9.35 W/kg



System Check_5600MHz_Body_190528

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL_5600 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.822$ S/m; $\epsilon_r = 47.375$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(3.96, 3.96, 3.96); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5600/Area Scan (201x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.85 W/kg

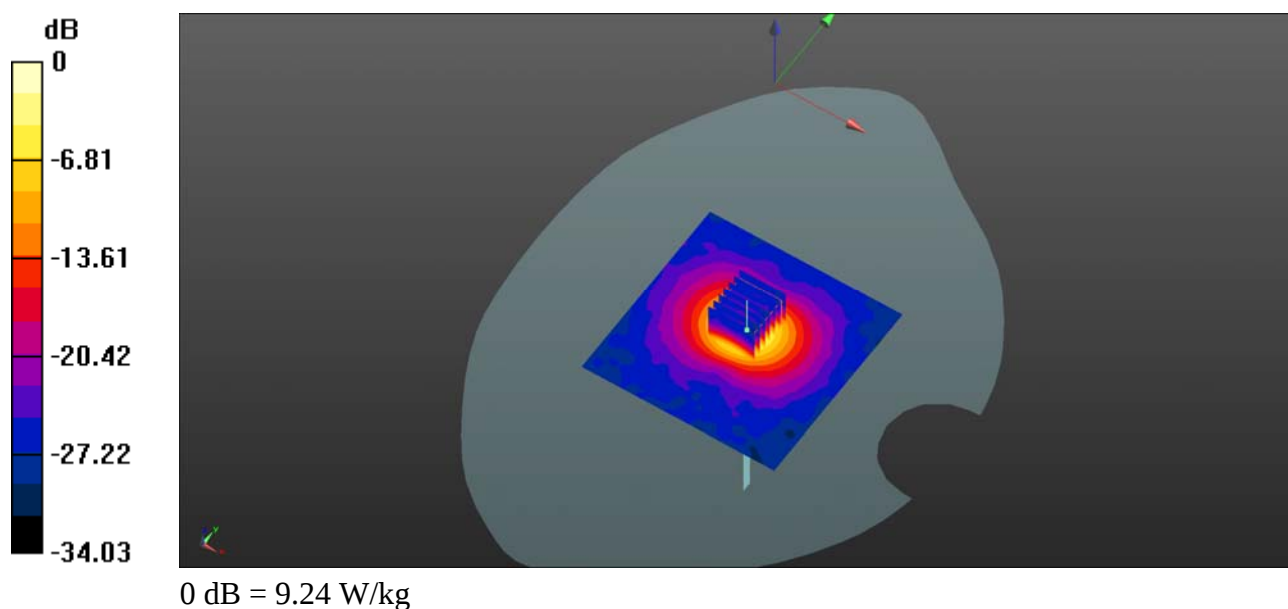
CW5600/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 32.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 39.3 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 9.24 W/kg



System Check_5750MHz_Body_190528

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5750 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.035$ S/m; $\epsilon_r = 47.061$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(3.98, 3.98, 3.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW5800/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 13.7 W/kg

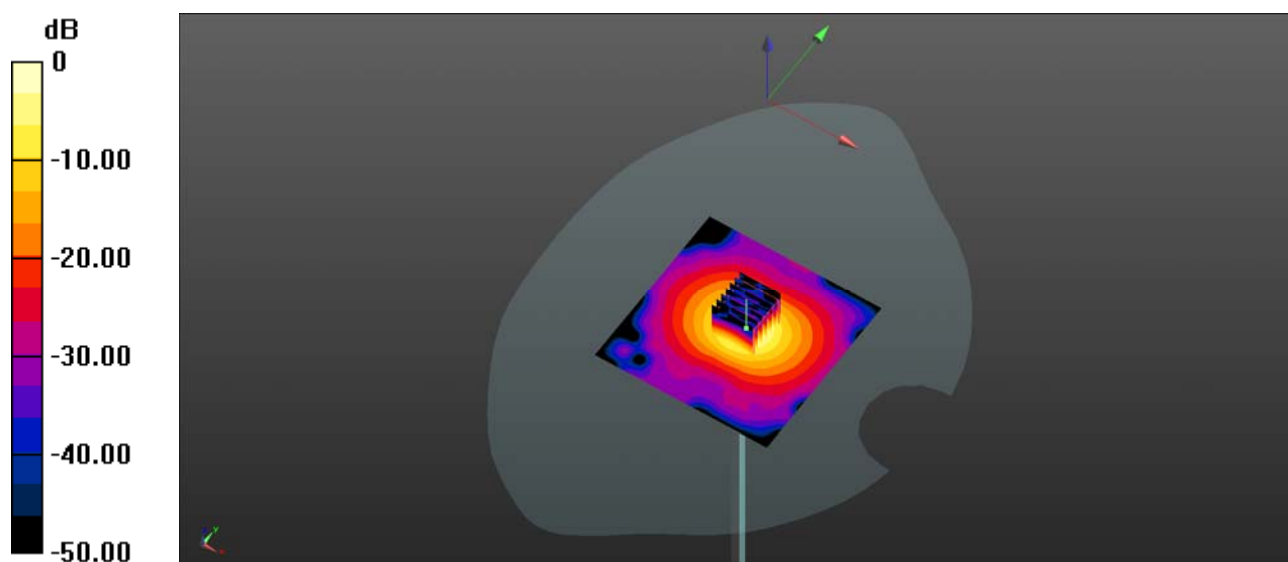
CW5800/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.45 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 39.62 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 13.68 W/kg



0 dB = 13.68W/kg