



REPORT No. : SZ17120028S01

Annex C Plots of System Performance Check

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System Check_2300MHz_Head_171206**DUT: Dipole 2300 MHz**

Communication System: UID 0, CW (0); Frequency: 2520 MHz; Duty Cycle: 1:1

Medium: HSL_2520_171206 Medium parameters used: $f = 2520$ MHz; $\sigma = 1.65$ S/m; $\epsilon_r = 39.20$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.98, 4.98, 4.98); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2300/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 16.: W/kg

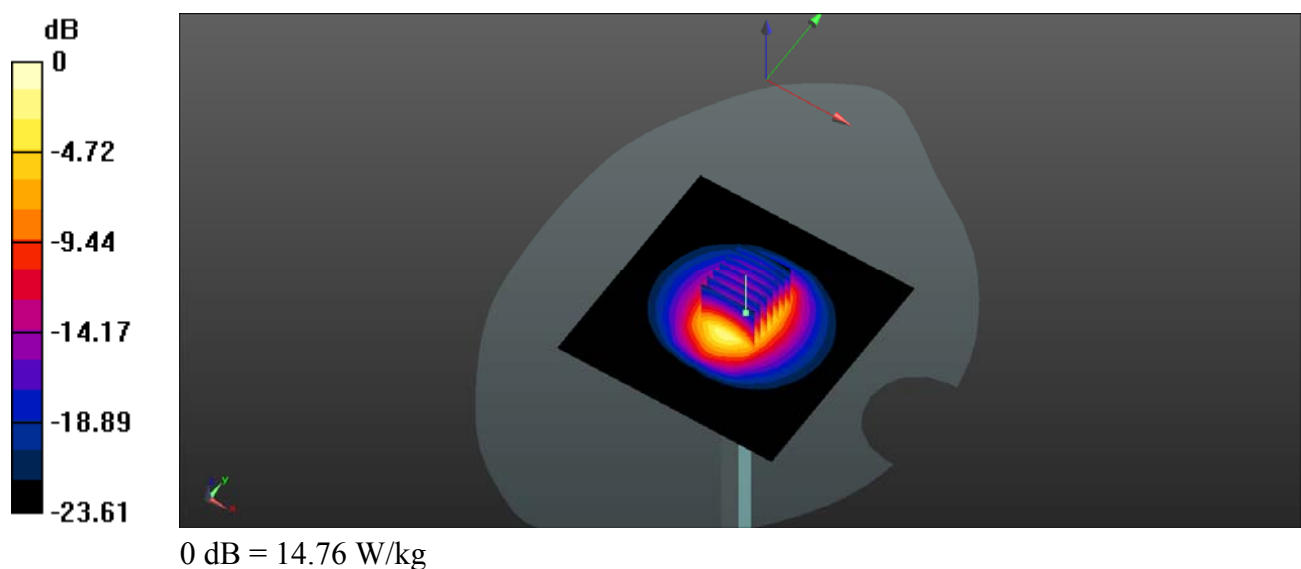
CW 2300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.: ; V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.92 W/kg

SAR(1 g) = 12.23 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (measured) = 14.76 W/kg



System Check_2300MHz_Body_171211**DUT: Dipole 2450 MHz**

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: MSL_2300_171211 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 52.12$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.40, 4.40, 4.40); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2300/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.28 W/kg

CW 2300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.51 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 28.32 W/kg

SAR(1 g) = 12.18 W/kg; SAR(10 g) = 5.96 W/kg

Maximum value of SAR (measured) = 15.29 W/kg

