

14.16 SAR test plots for Repeat Measurement

LTE Band XIII Main Ant edge1 0mm 1RB Reduced power 782MHz

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 55.542$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(9.99, 9.99, 9.99); Calibrated: 2013/05/14;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2013/05/13

Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASYS2, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

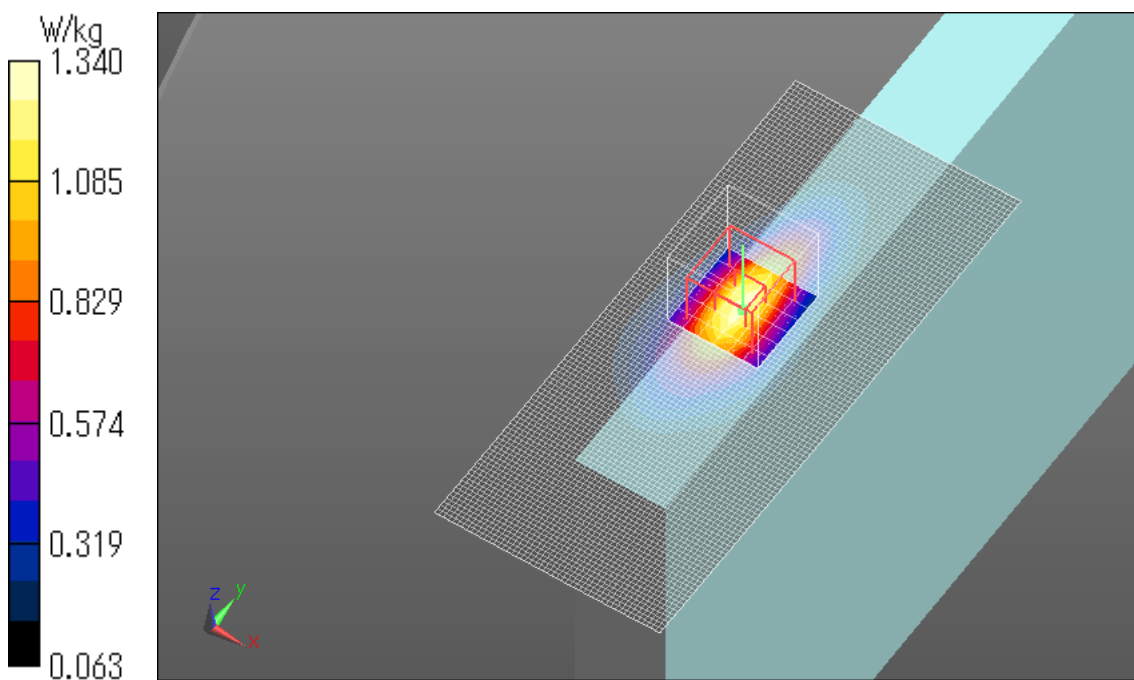
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.482 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.561 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



WCDMA V Main Ant edge1 0mm Reduced power 826.4MHz

Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 53.984$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2013/06/03

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS2, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

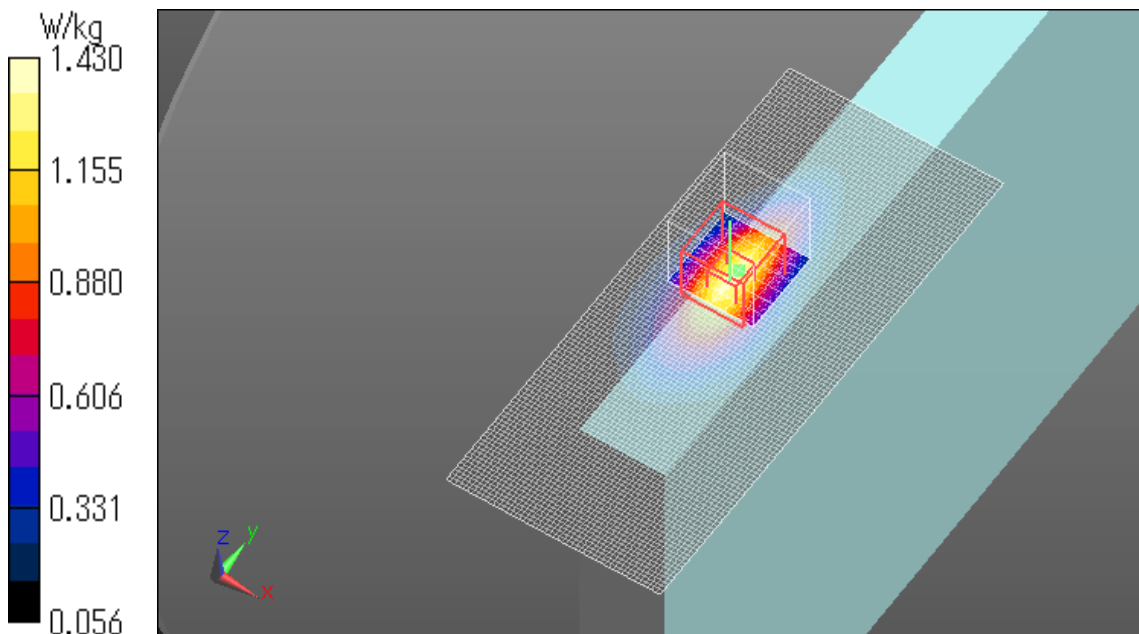
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.904 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.597 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



WCDMA IV Main Ant edge1 0mm Reduced power 1712.4MHz

Communication System: UID 0, WCDMA (0); Communication System Band: Band IV; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 54.004$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.91, 7.91, 7.91); Calibrated: 2013/05/14;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2013/05/13

Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203

Measurement SW: DASYS2, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

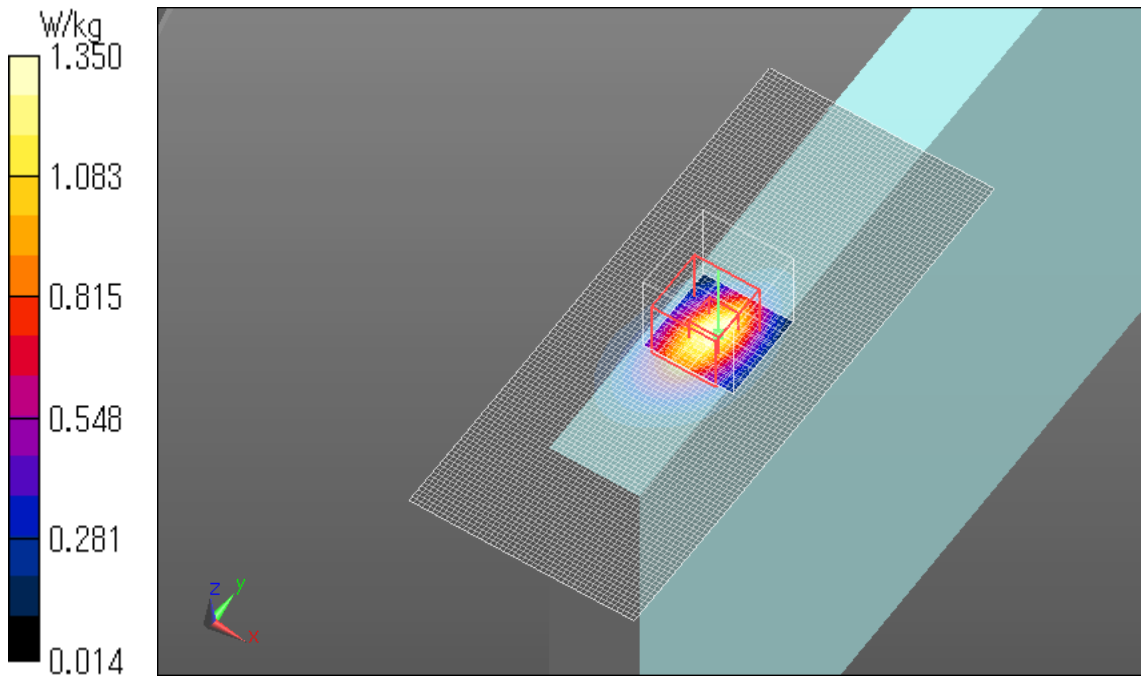
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.313 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



BC1 1xRTT Main Ant edge1 0mm Reduced power 1851.25MHz

Communication System: UID 0, CDMA2000 (0); Communication System Band: US PCS (BC1);
Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.489$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(7.62, 7.62, 7.62); Calibrated: 2013/05/14;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2013/05/13
Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203
Measurement SW: DASYS2, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.195 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.62 W/kg

