

15.4 SAR test plots for WCDMA Band V

WCDMA Band V Edge1 0mm Reduced Power 826.4MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 53.344$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (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: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

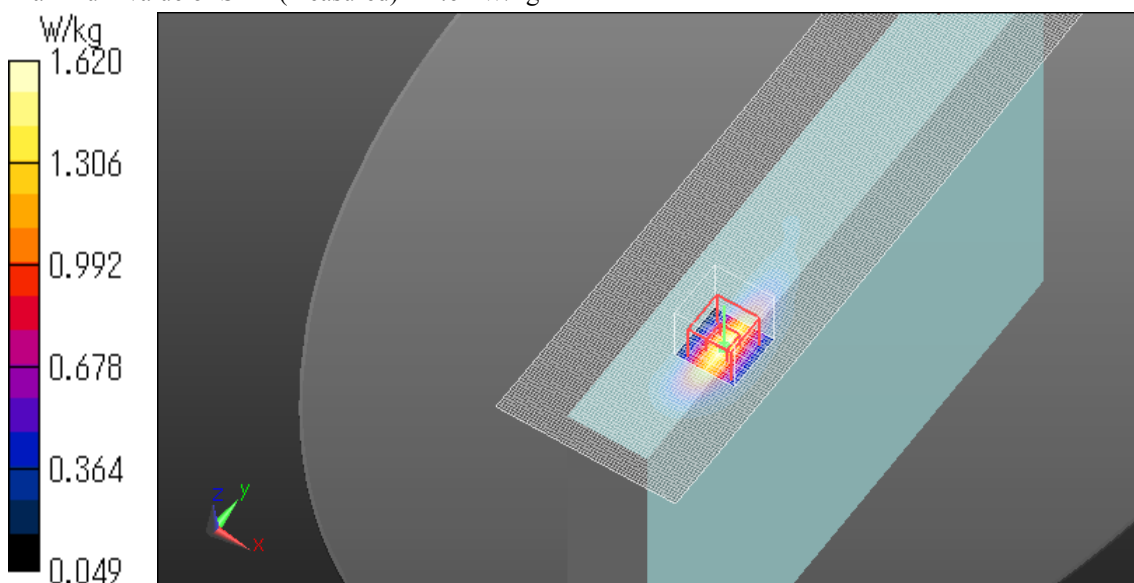
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.011 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.558 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



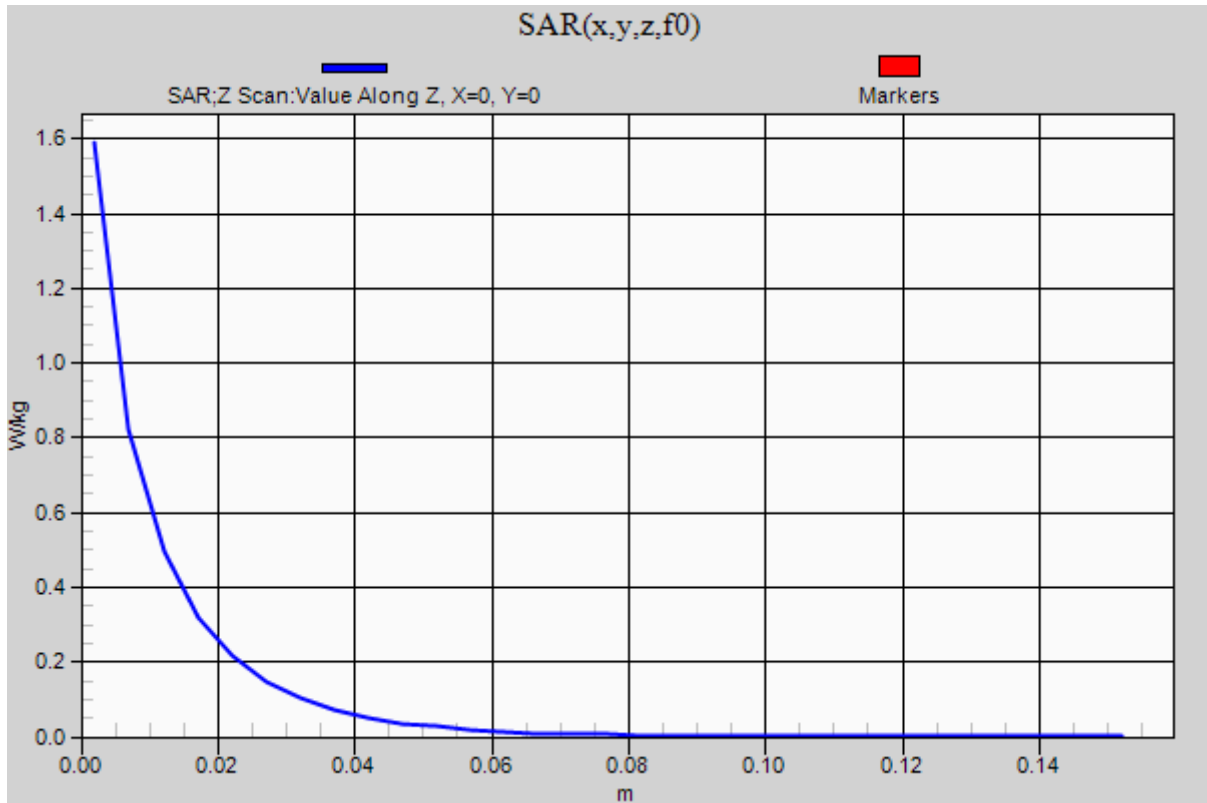
Plot No.1

WCDMA Band V Edge1 0mm Reduced Power 826.4MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 53.344$; $\rho = 1000$ 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: QDOVA002AA;
Measurement SW: DASYS5, Version 52.8 (7);

Left-Hand-Side HSL/Touch Position/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.59 W/kg



WCDMA Band V Edge1 0mm Reduced Power 836.6MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 53.246$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)
DASYS5 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: QDOVA002AA;
Measurement SW: DASYS2, Version 52.8 (7);

Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

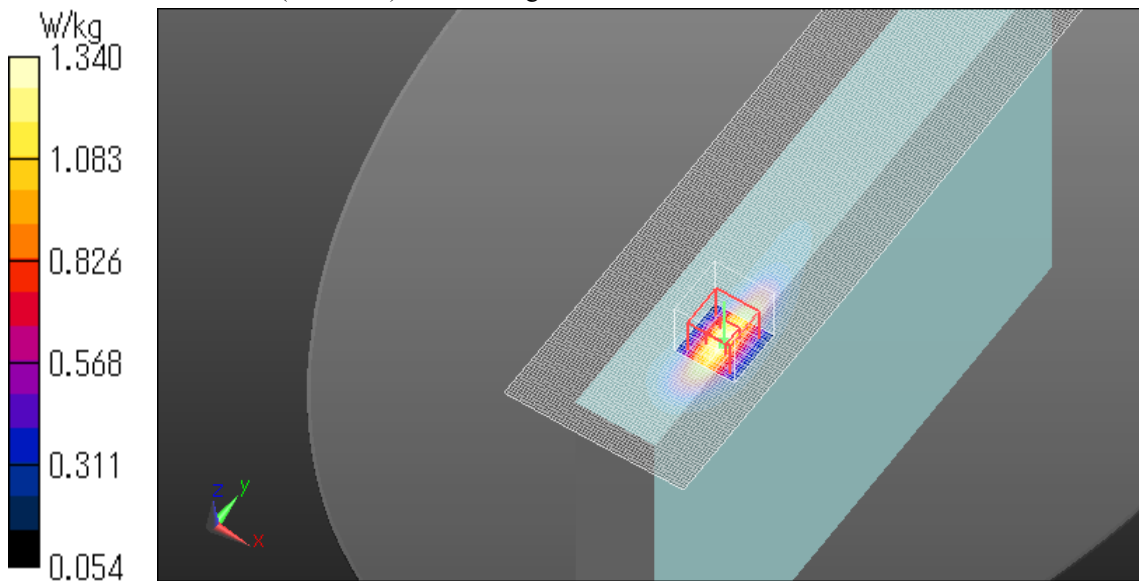
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.096 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.504 W/kg

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



Plot No.2

WCDMA Band V Edge1 0mm Reduced Power 846.6MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.753$; $\rho = 1000$ 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: QDOVA002AA;
Measurement SW: DASYS2, Version 52.8 (7);

Area Scan (41x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

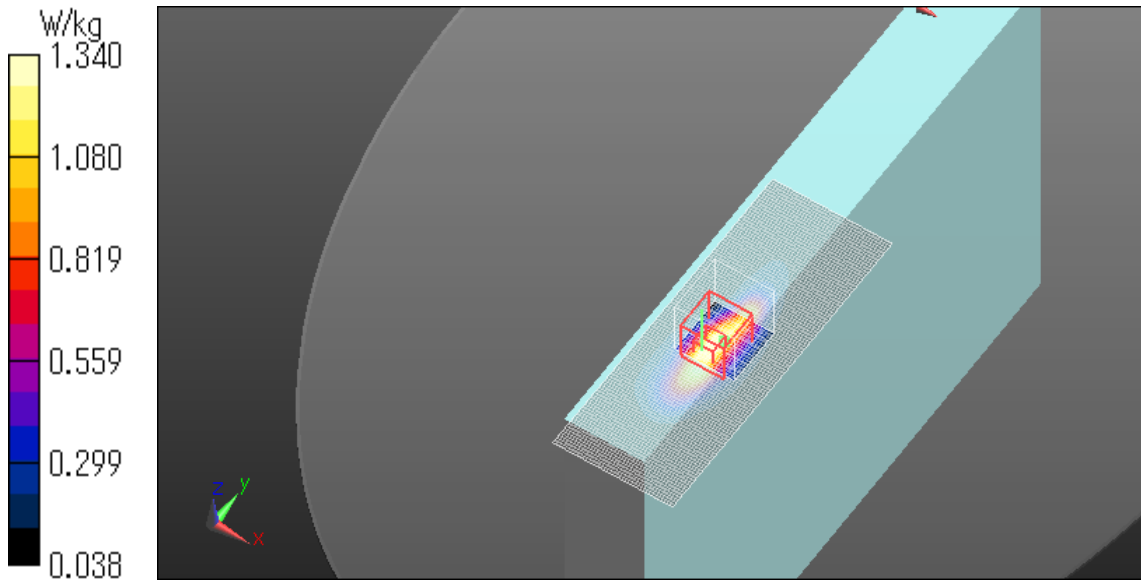
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.934 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.478 W/kg

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



WCDMA Band V Rear 0mm Full Power 836.6MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 53.246$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)
DASYS5 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: QDOVA002AA;
Measurement SW: DASYS2, Version 52.8 (7);

Area Scan (161x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.276 W/kg

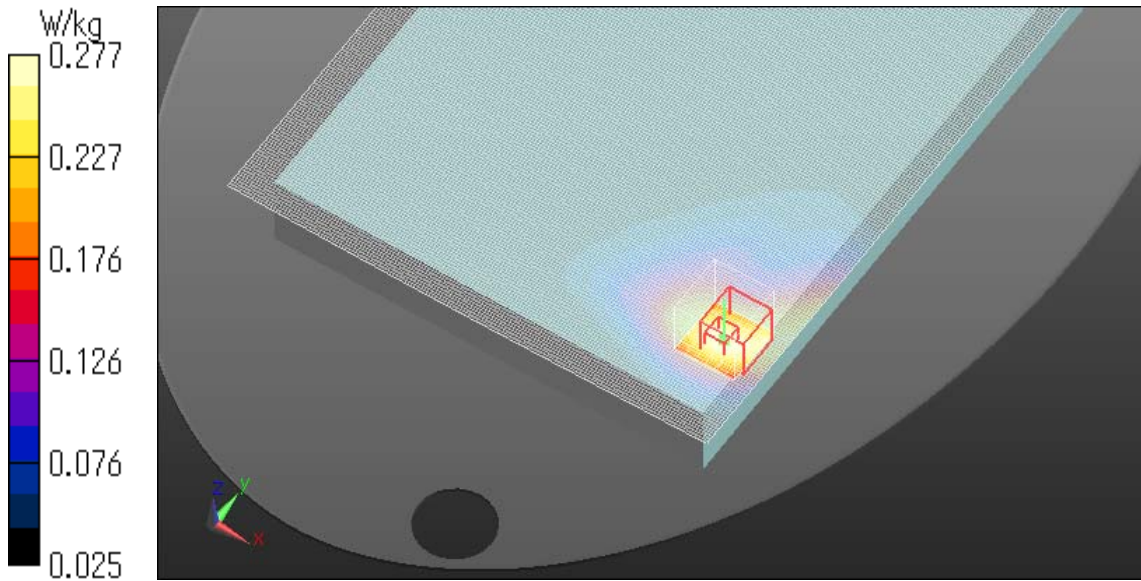
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.125 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



Plot No.4

WCDMA Band V Edge1 16mm Full Power 836.6MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 53.246$; $\rho = 1000$ 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: QDOVA002AA;
Measurement SW: DASYS2, Version 52.8 (7);

Area Scan (61x221x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

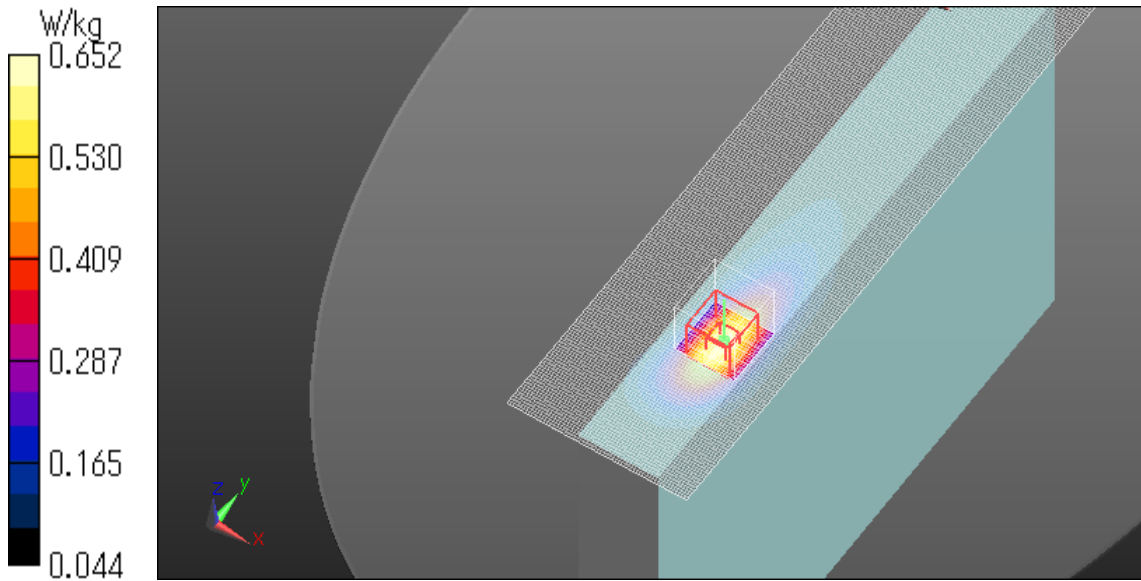
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.903 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.652 W/kg



WCDMA Band V Edge4 0mm Full Power 836.6MHz

Communication System: UID 0, WCDMA V 835M (0); Communication System Band: Band V;
Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 53.246$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)
DASYS5 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: QDOVA002AA;
Measurement SW: DASYS2, Version 52.8 (7);

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

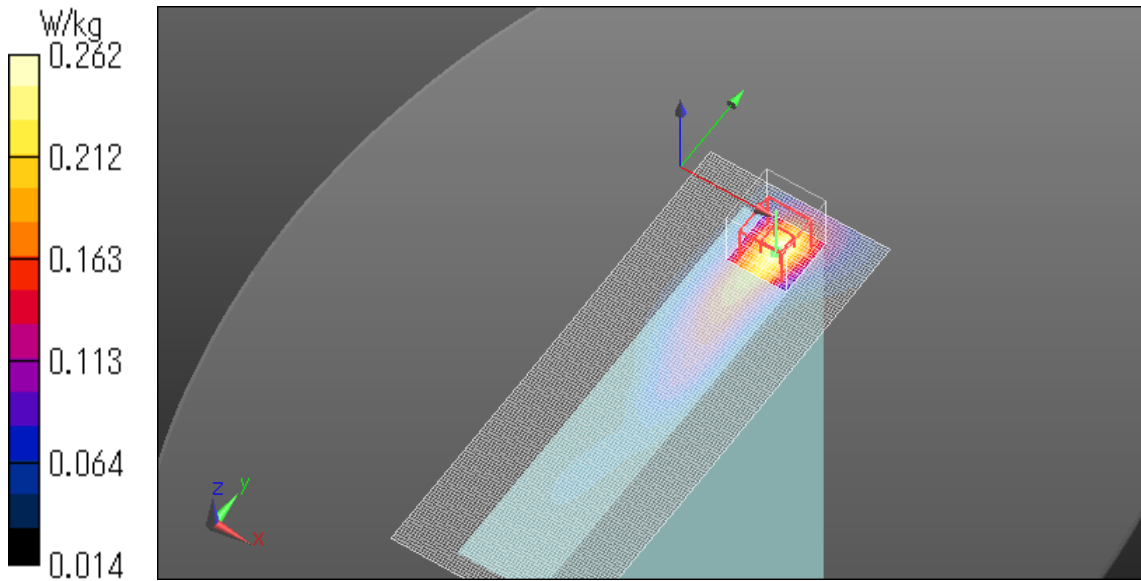
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.236 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.262 W/kg



Plot No.6