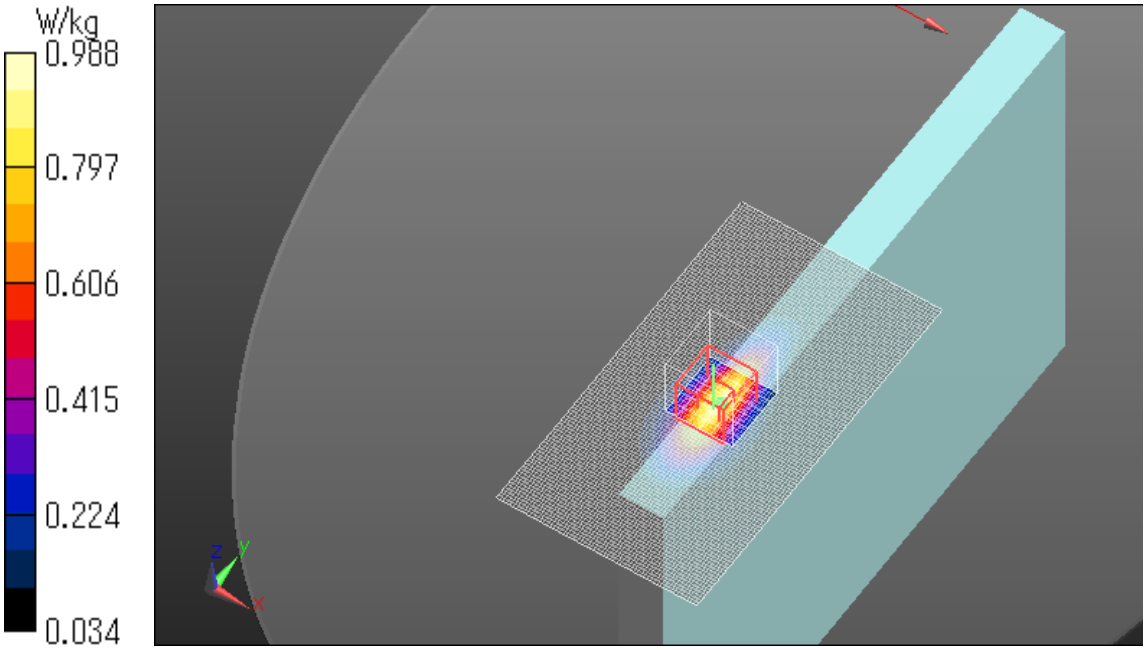
**17.4 SAR test plots for WCDMA Band 5**

**WCDMA Band5 Edge1 0mm RMC12.2k 826.4MHz power reduction**
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; $\sigma$ = 0.944 S/m; $\varepsilon_r$ = 54.368; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.23 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.33 W/kg
**SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.365 W/kg**
Maximum value of SAR (measured) = 0.988 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.



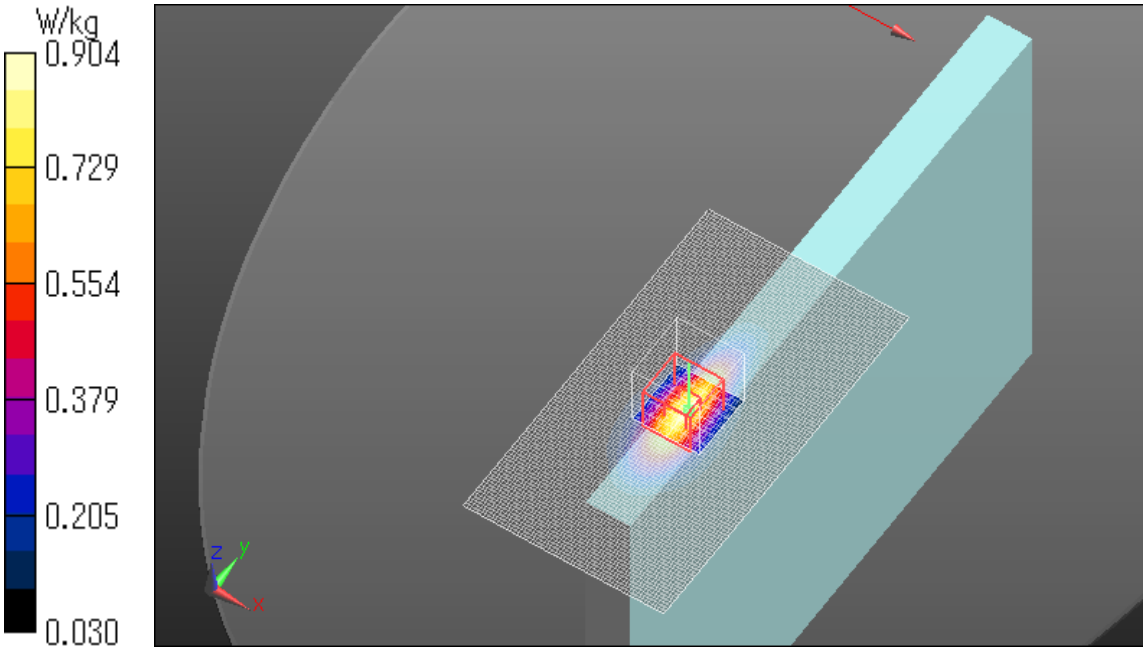

Plot No. 1

**WCDMA Band5 Edge1 0mm RMC12.2k 836.6MHz power reduction**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.955 S/m; $\varepsilon_r$ = 54.274; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.917 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.47 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.21 W/kg
**SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.330 W/kg**
Maximum value of SAR (measured) = 0.904 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.



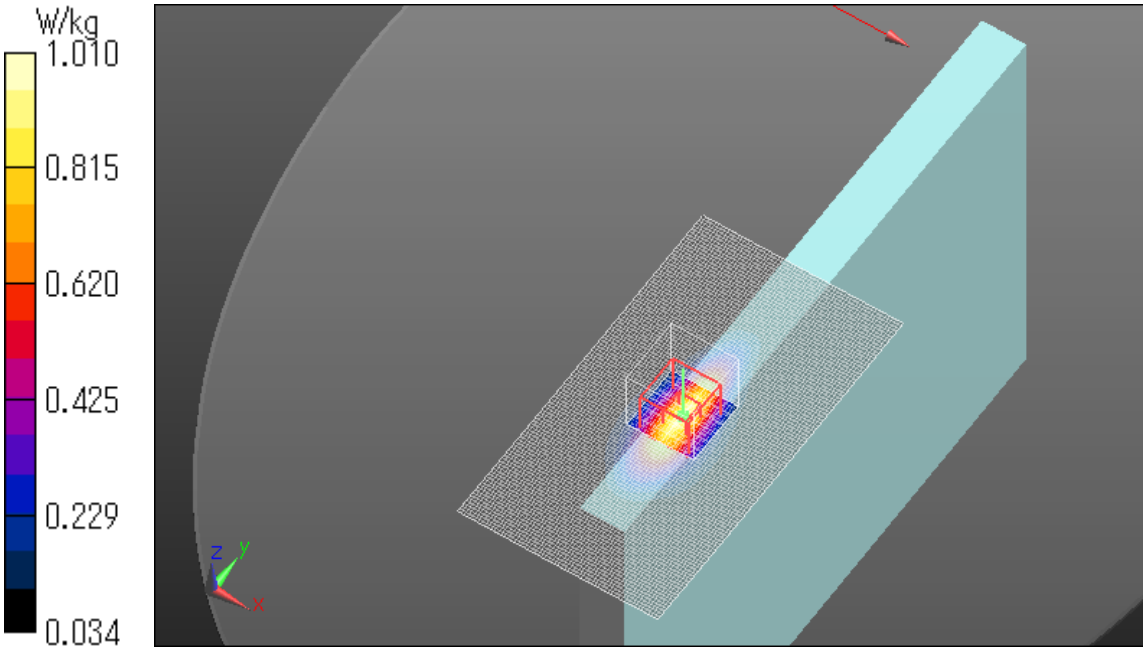

Plot No. 2

**WCDMA Band5 Edge1 0mm RMC12.2k 846.6MHz power reduction**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.965 S/m; $\varepsilon_r$ = 54.192; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.16 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.34 W/kg
**SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.369 W/kg**
Maximum value of SAR (measured) = 1.01 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

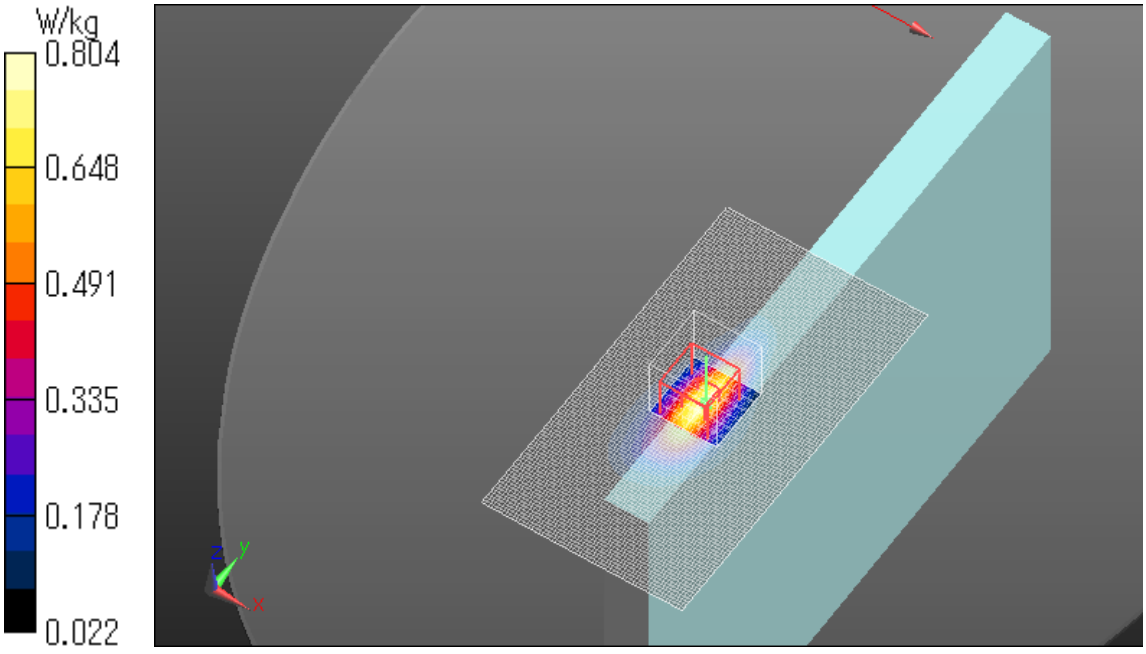


**WCDMA Band5 Edge1 convertible 0mm RMC12.2k 846.6MHz power reduction**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.965 S/m; $\varepsilon_r$ = 54.192; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.788 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.63 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.12 W/kg
**SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.281 W/kg**
Maximum value of SAR (measured) = 0.804 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

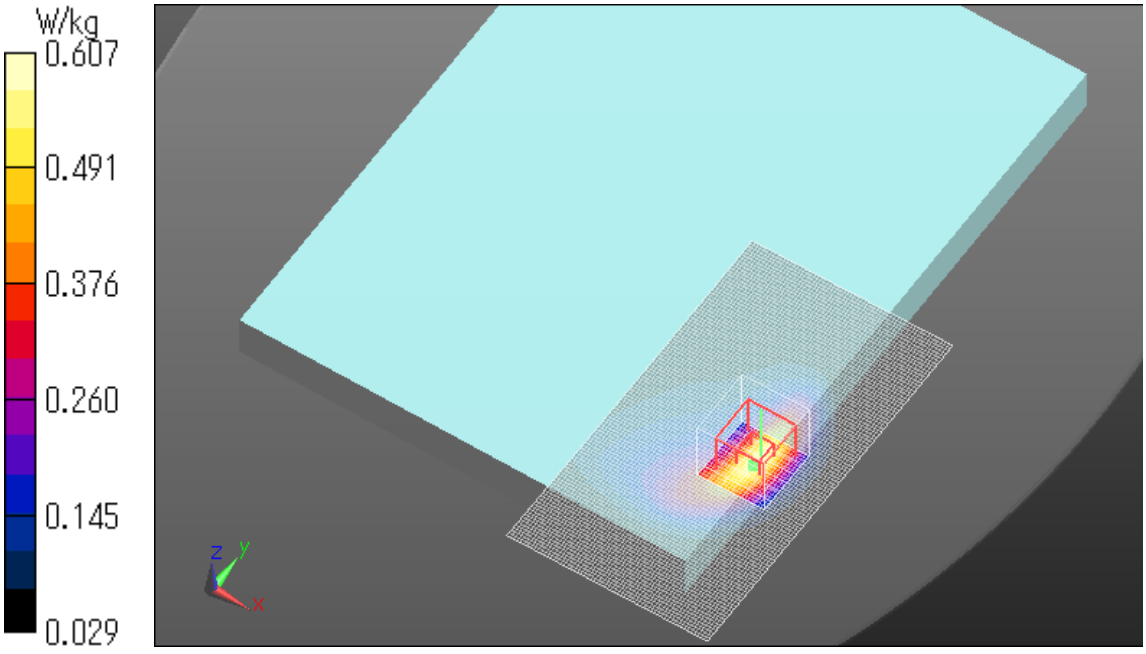


**WCDMA Band5 Rear 0mm RMC12.2k 846.6MHz power reduction**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.965 S/m; $\varepsilon_r$ = 54.192; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.577 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.85 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.782 W/kg
**SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.254 W/kg**
Maximum value of SAR (measured) = 0.607 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

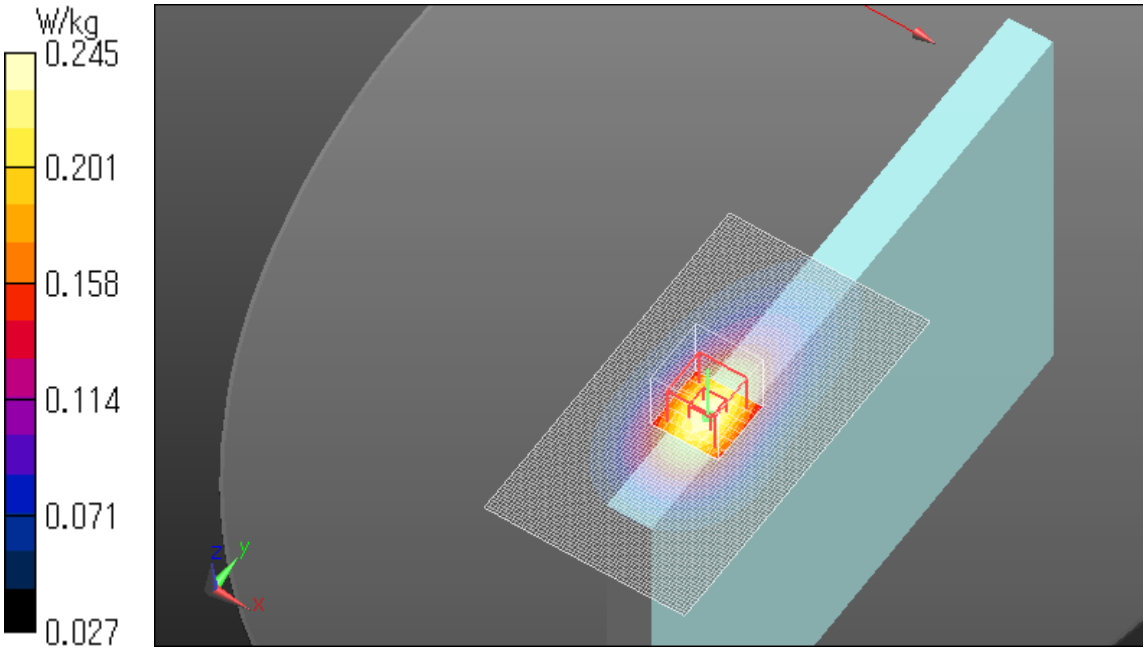


**WCDMA Band5 Edge1 24mm RMC12.2k 846.6MHz**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.965 S/m; $\varepsilon_r$ = 54.192; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.86 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.278 W/kg
**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.141 W/kg**
Maximum value of SAR (measured) = 0.245 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

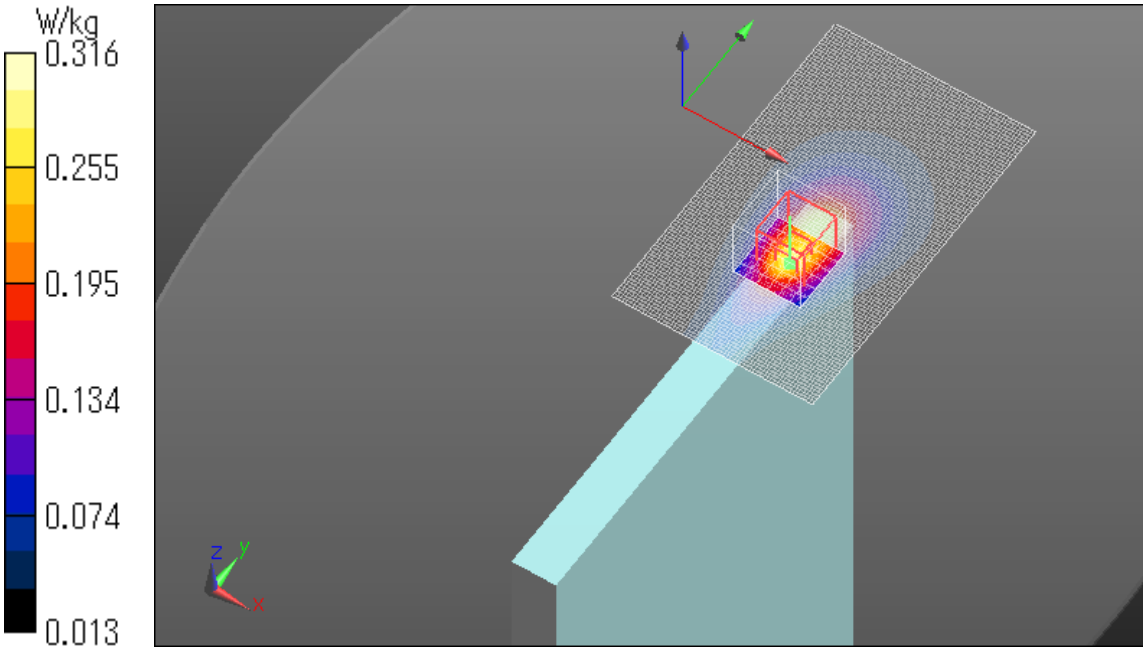


**WCDMA Band5 Edge4 0mm RMC12.2k 846.6MHz**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.965 S/m; $\varepsilon_r$ = 54.192; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.281 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.89 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.410 W/kg
**SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.128 W/kg**
Maximum value of SAR (measured) = 0.316 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.



**WCDMA Band5 Rear 19mm RMC12.2k 846.6MHz**
Communication System: UID 0, WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.965 S/m; $\varepsilon_r$ = 54.192; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.9, 9.9, 9.9); Calibrated: 2016/12/12;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2017/07/11
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.293 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.70 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.346 W/kg
**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.167 W/kg**
Maximum value of SAR (measured) = 0.301 W/kg

Date: 2017/10/18
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.