

**SystemPerformanceCheck-D900 20141016**

Communication System: UID 0, CW (0); Communication System Band: D900 (900.0 MHz); Frequency: 900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.035$  S/m;  $\epsilon_r = 53.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3922; ConvF(10.02, 10.02, 10.02); Calibrated: 2013/06/04; {Probe: Calibration Date}  
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: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.01 W/kg

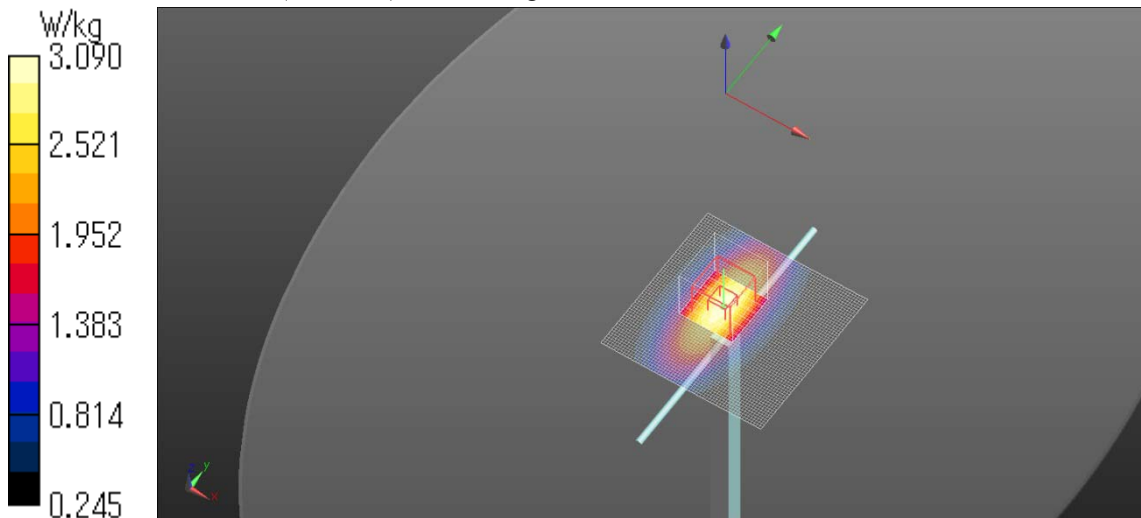
**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.96 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.66 W/kg

**SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.56 W/kg**

Maximum value of SAR (measured) = 3.09 W/kg



**SystemPerformanceCheck-D900 20141024**

Communication System: UID 0, CW (0); Communication System Band: D900 (900.0 MHz); Frequency: 900 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.037$  S/m;  $\epsilon_r = 54.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3922; ConvF(9.77, 9.77, 9.77); Calibrated: 2014/06/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1372; Calibrated: 2014/06/18  
Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe) 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.19 W/kg

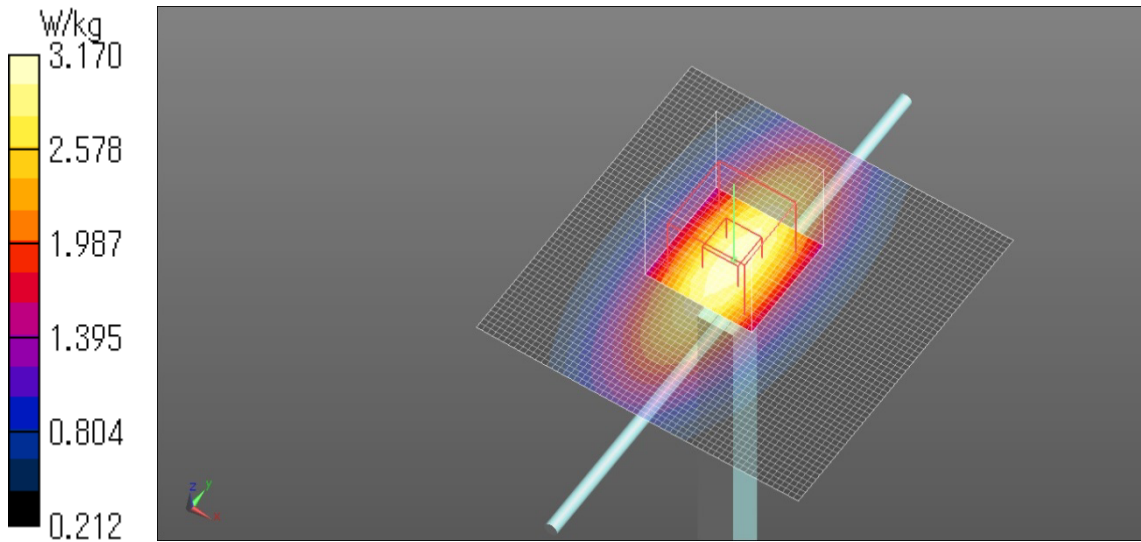
**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe) 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.82 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.76 W/kg

**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.59 W/kg**

Maximum value of SAR (measured) = 3.17 W/kg



**SystemPerformanceCheck-D900 20141106**

Communication System: UID 0, CW (0); Communication System Band: D900 (900.0 MHz); Frequency: 900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.041$  S/m;  $\epsilon_r = 54.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3922; ConvF(9.77, 9.77, 9.77); Calibrated: 2014/06/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1372; Calibrated: 2014/06/18  
Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm**

Maximum value of SAR (interpolated) = 3.08 W/kg

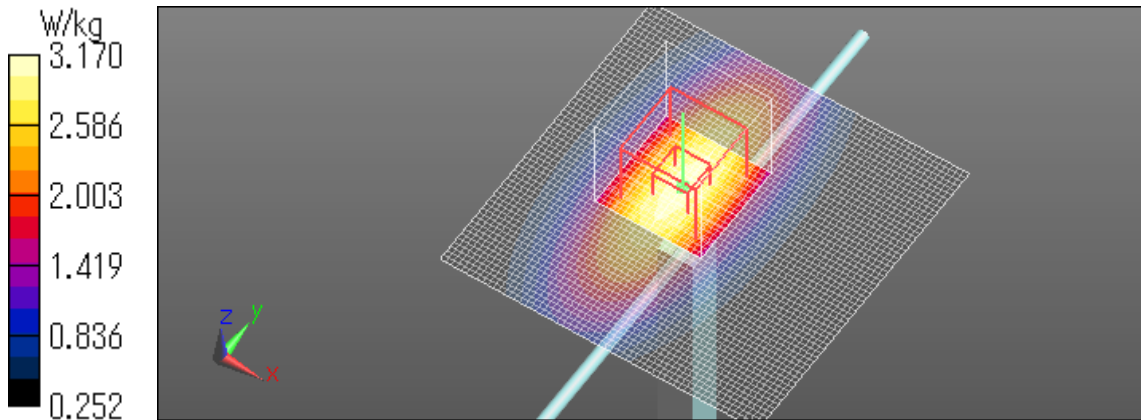
**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

Reference Value = 54.69 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.74 W/kg

**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.61 W/kg**

Maximum value of SAR (measured) = 3.17 W/kg



**SAR2\_1800 system check 20141110**

Communication System: UID 0, CW (0); Communication System Band: D1800 (1800.0 MHz);  
Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.553$  S/m;  $\epsilon_r = 52.605$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)  
DASYS5 Configuration  
Probe: EX3DV4 - SN3922; ConvF(7.96, 7.96, 7.96); Calibrated: 2014/06/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1372; Calibrated: 2014/06/18  
Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207  
Measurement SW: DASYS52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm  
(EX-Probe) 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.1 W/kg

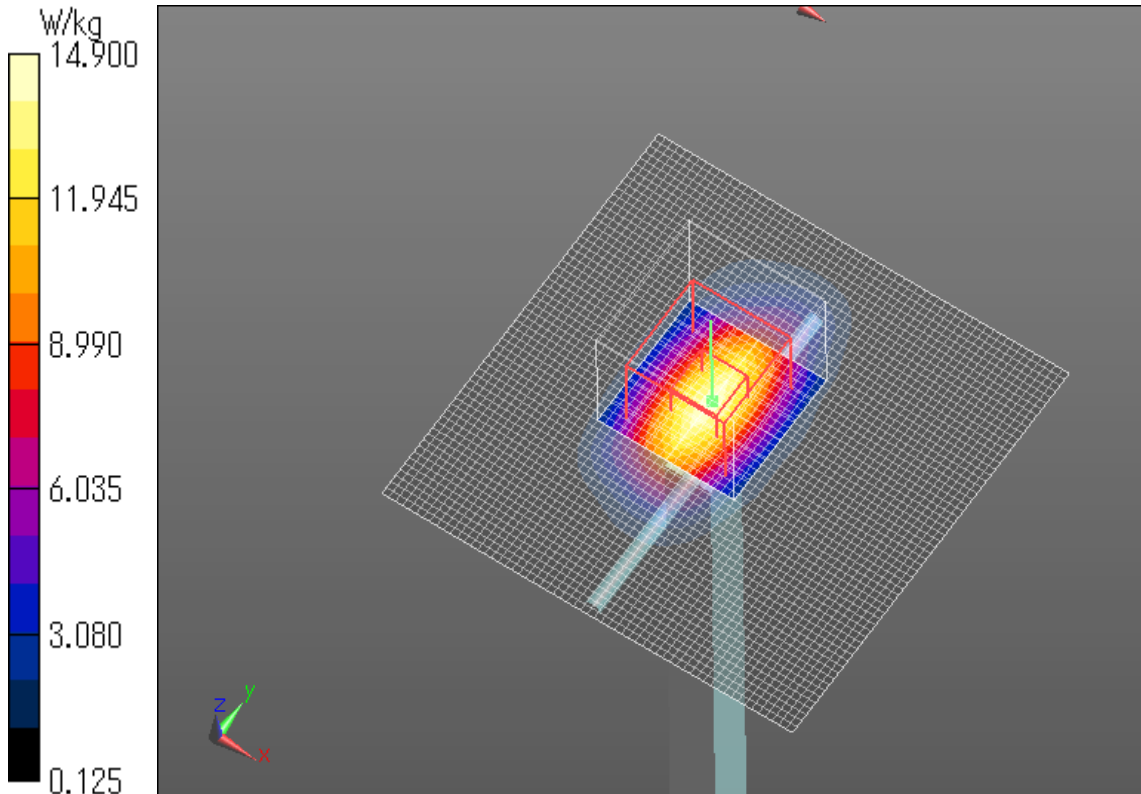
**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm  
(EX-Probe) 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.64 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.13 W/kg**

Maximum value of SAR (measured) = 14.9 W/kg

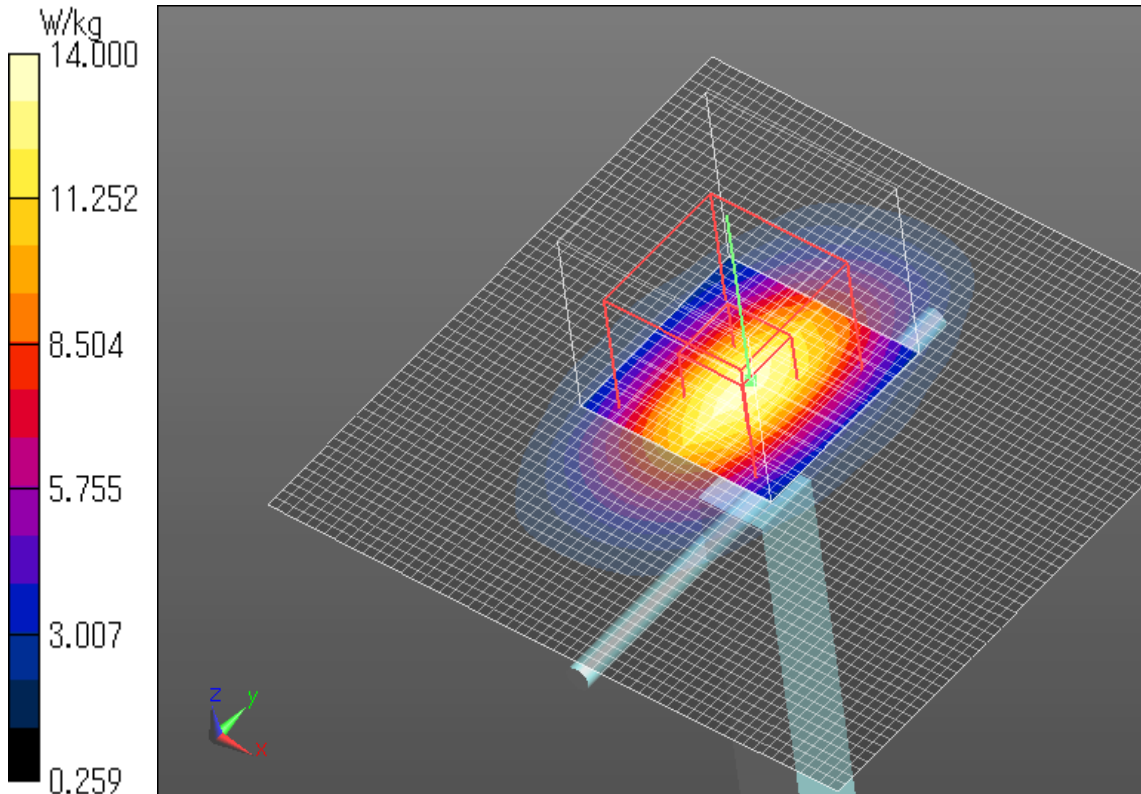


**SAR2\_1800 system check 20141110**

Communication System: UID 0, CW (0); Communication System Band: D1800 (1800.0 MHz);  
Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.658$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3922; ConvF(7.96, 7.96, 7.96); Calibrated: 2014/06/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1372; Calibrated: 2014/06/18  
Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 13.7 W/kg

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 97.15 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 17.8 W/kg  
**SAR(1 g) = 9.78 W/kg; SAR(10 g) = 5.13 W/kg**  
Maximum value of SAR (measured) = 14.0 W/kg

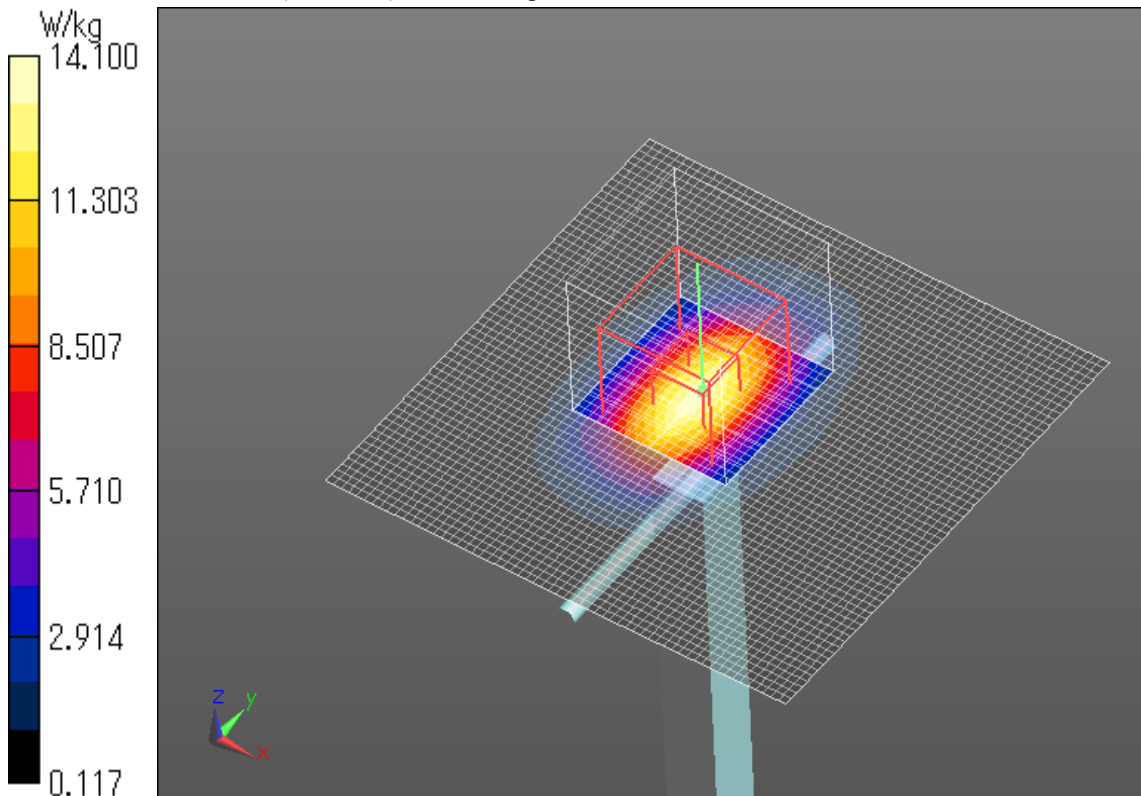


**SAR2\_2000 system check 20141110**

Communication System: UID 0, CW (0); Communication System Band: D2000 (2000.0 MHz);  
Frequency: 2000 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2000$  MHz;  $\sigma = 1.569$  S/m;  $\epsilon_r = 52.983$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3922; ConvF(8.05, 8.05, 8.05); Calibrated: 2014/06/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1372; Calibrated: 2014/06/18  
Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 13.6 W/kg

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 96.10 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 18.5 W/kg  
**SAR(1 g) = 9.54 W/kg; SAR(10 g) = 4.69 W/kg**  
Maximum value of SAR (measured) = 14.1 W/kg



**SystemPerformanceCheck-D750 20141110**

Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 54.153$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3922; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/06/13;  $\{$ Probe: Calibration Date $\}$

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: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check at Frequencies above 1 GHz/d=15mm, Pin=250 mW, dist=2.0mm**

**(EX-Probe)/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.74 W/kg

**System Performance Check at Frequencies above 1 GHz/d=15mm, Pin=250 mW, dist=2.0mm**

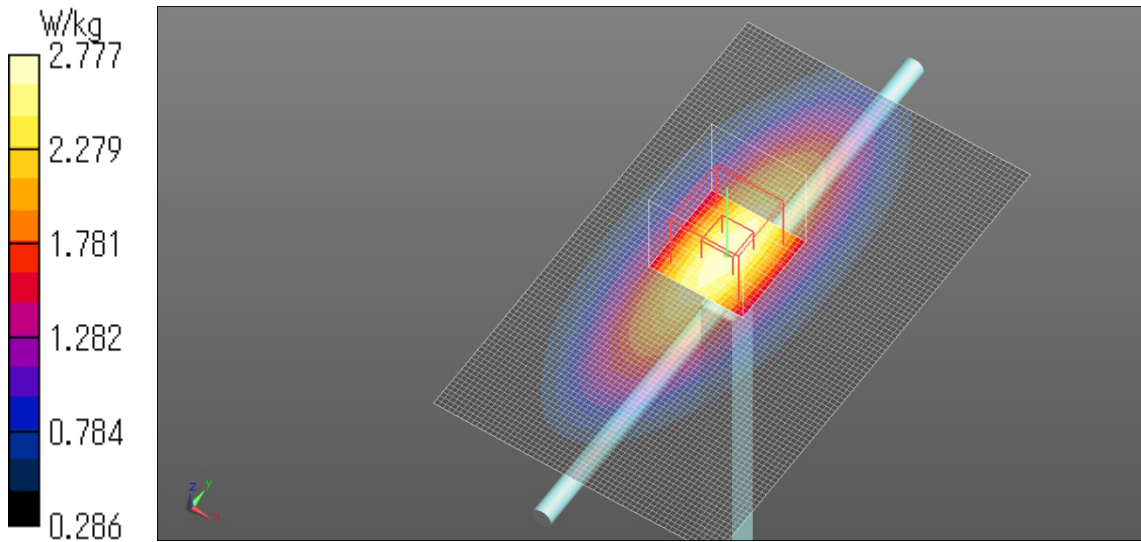
**(EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.01 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.47 W/kg**

Maximum value of SAR (measured) = 2.78 W/kg

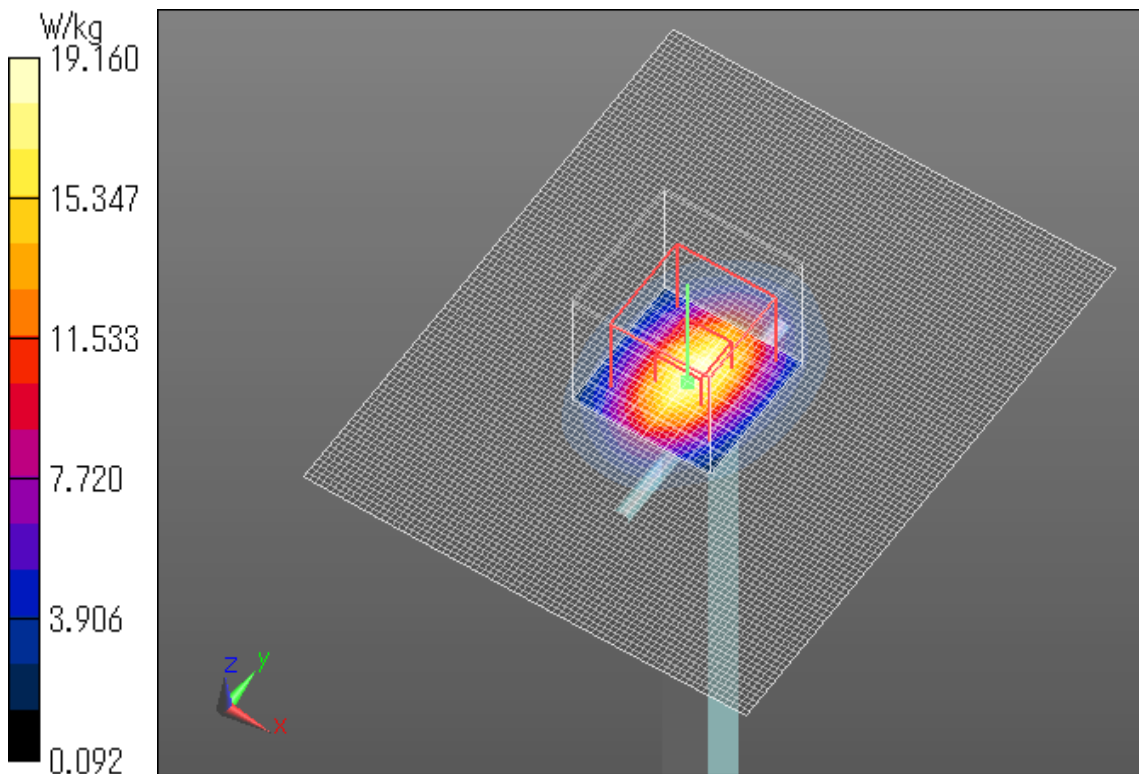


**SystemPerformanceCheck-D2450 20141026**

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz);  
Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.882$  S/m;  $\epsilon_r = 50.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3917; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/05/14;  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1369; Calibrated: 2014/05/14  
Phantom: ELI v5.0 SN1203; Type: QDOVA002AA; Serial: TP:1203  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 19.9 W/kg

**Configuration/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:**  
Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 103.5 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 26.7 W/kg  
**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.65 W/kg**  
Maximum value of SAR (measured) = 19.2 W/kg





**SystemPerformanceCheck-D2450\_2014116**

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz);

Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.929$  S/m;  $\epsilon_r = 50.311$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(7.23, 7.23, 7.23); Calibrated: 2013/12/13;  $\{$ Probe: Calibration Date $\}$
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASY52, Version 52.8 (8);

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm**

**(EX-Probe)/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 20.7 W/kg

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm**

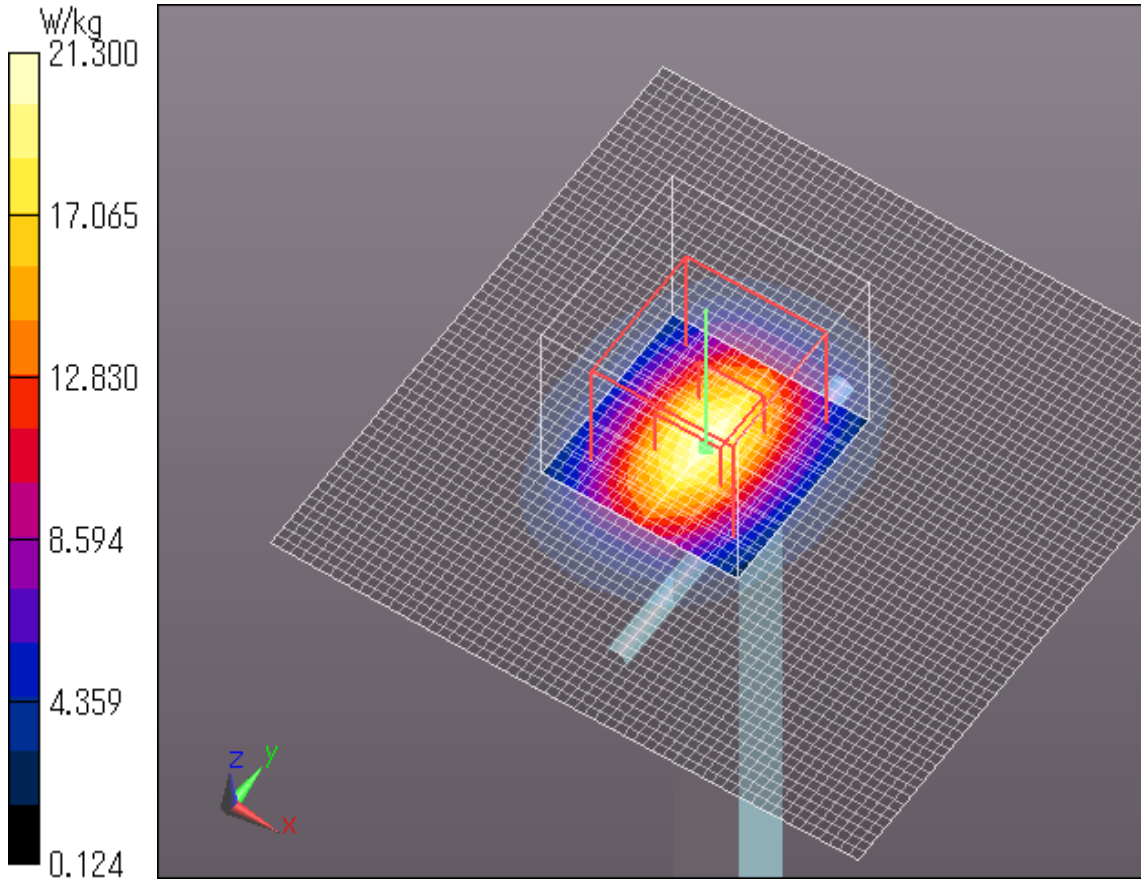
**(EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 102.0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 29.2 W/kg

**SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.37 W/kg**

Maximum value of SAR (measured) = 21.3 W/kg



**SystemPerformanceCheck-5200\_100mw\_20141027**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.162$  S/m;  $\epsilon_r = 48.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;  $\{\text{Probe: Calibration Date}\}$
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASY52, Version 52.8 (8);

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200**

**MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.4 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200**

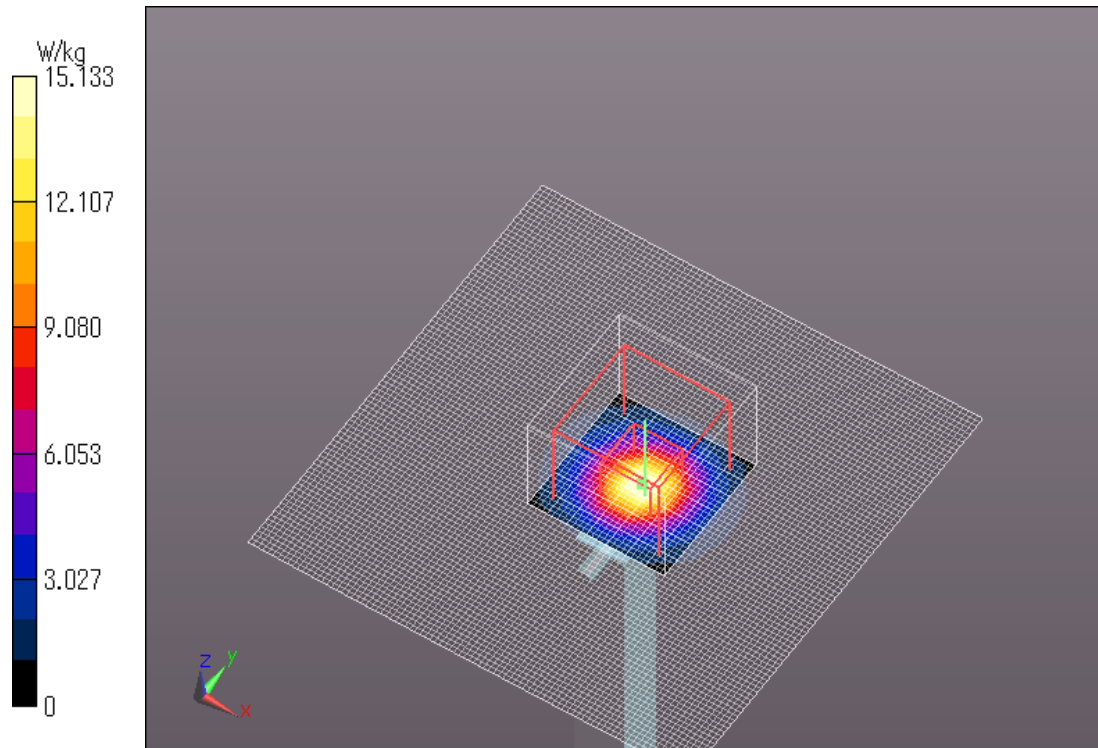
**MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.03 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.5 W/kg

**SAR(1 g) = 7.63 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 15.1 W/kg



**SystemPerformanceCheck-5300\_100mw\_20141027**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.57$  S/m;  $\epsilon_r = 48.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;  $\{$ Probe: Calibration Date $\}$
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASY52, Version 52.8 (8);

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=53200 MHz 2/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.8 W/kg

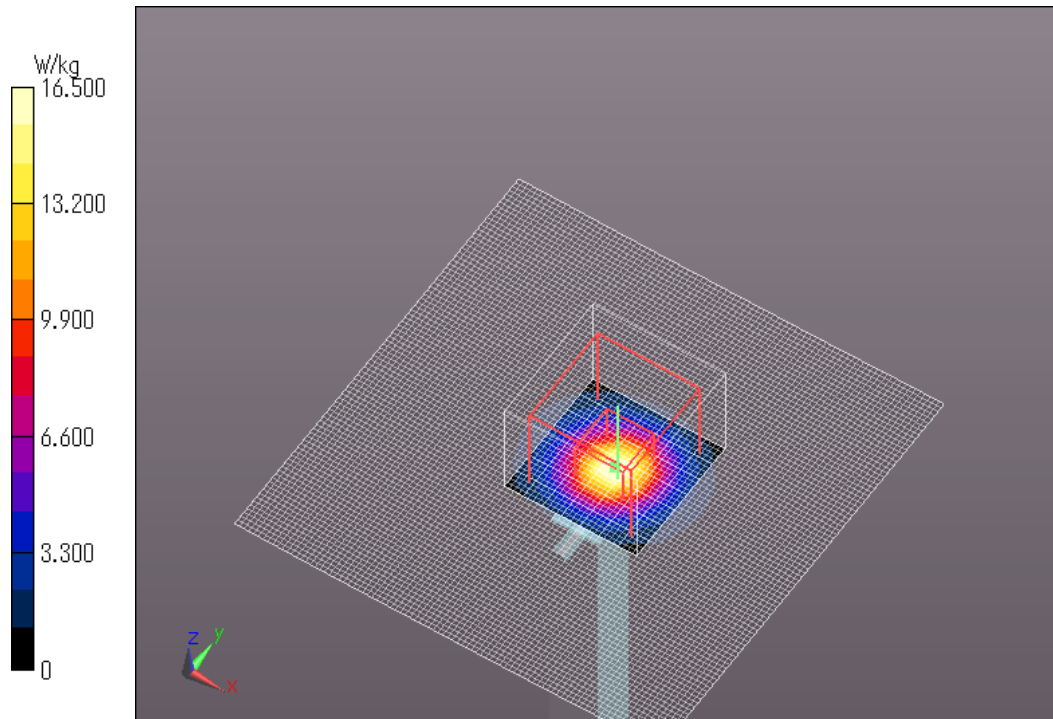
**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=53200 MHz 2/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.50 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 33.7 W/kg

**SAR(1 g) = 8.24 W/kg; SAR(10 g) = 2.24 W/kg**

Maximum value of SAR (measured) = 16.5 W/kg



**SystemPerformanceCheck-5200 100mw\_20141028**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.14$  S/m;  $\epsilon_r = 48.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;  $\{\text{Probe: Calibration Date}\}$
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASY52, Version 52.8 (8);

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200**

**MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.5 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200**

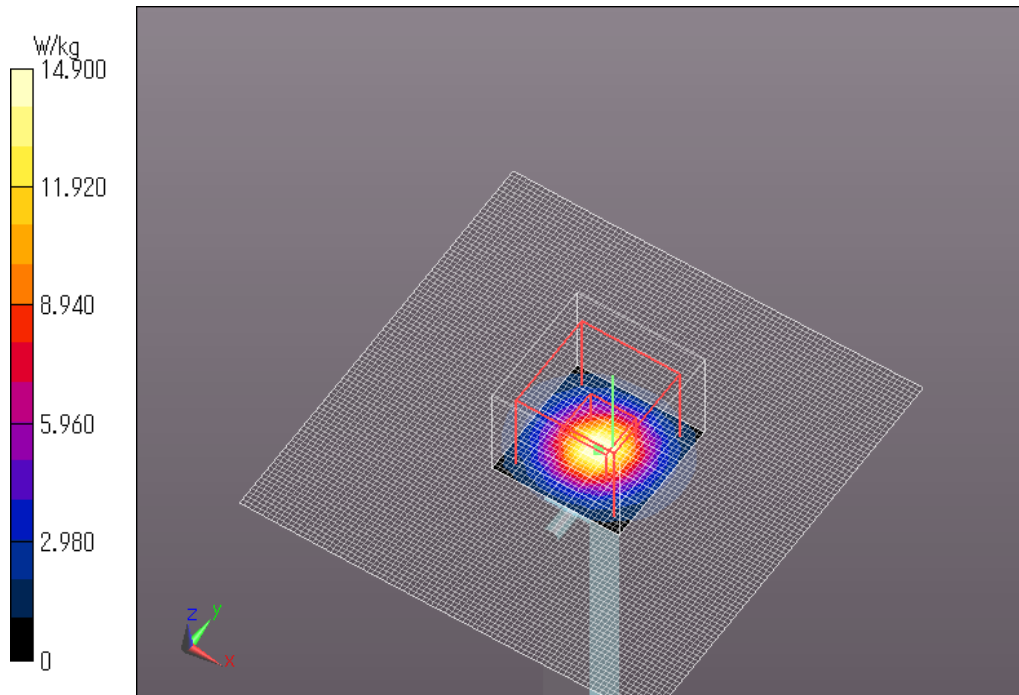
**MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 65.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 29.8 W/kg

**SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 14.9 W/kg



**SystemPerformanceCheck-5300 W52 W53\_100mw\_20141028**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.51$  S/m;  $\epsilon_r = 48.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13; Calibration Date}
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASY52, Version 52.8 (8);

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300**

**MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.6 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300**

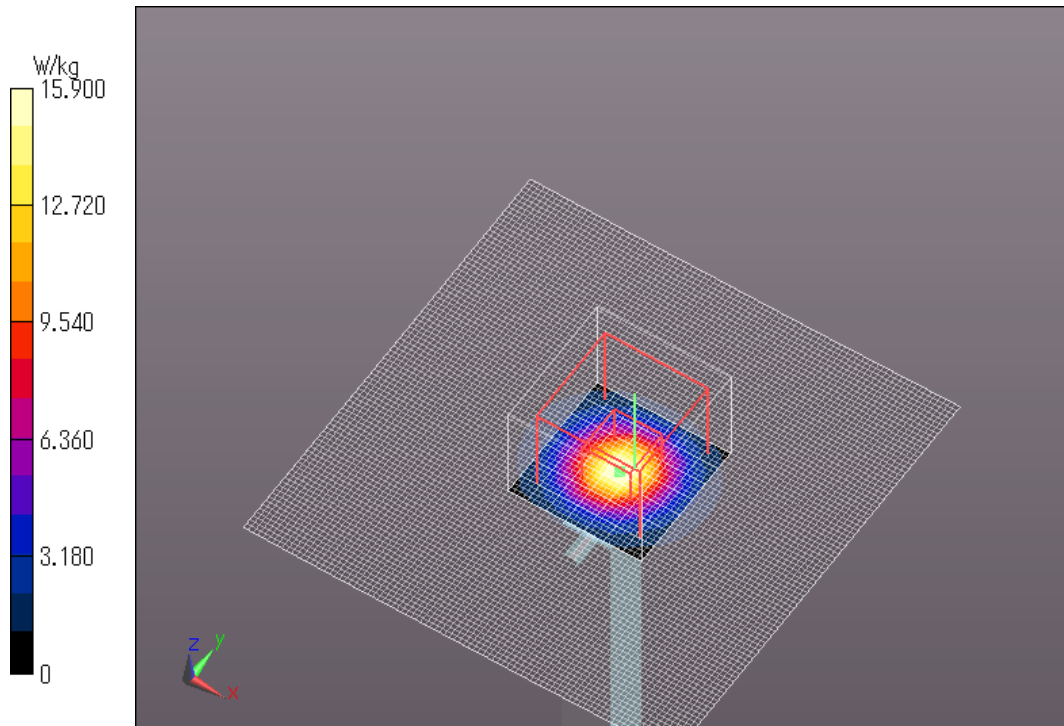
**MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 64.69 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 31.8 W/kg

**SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.2 W/kg**

Maximum value of SAR (measured) = 15.9 W/kg



**SystemPerformanceCheck-5600MHz\_100mw\_20141029**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.911$  S/m;  $\epsilon_r = 46.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/13;  $\{\text{Probe: Calibration Date}\}$
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASY52, Version 52.8 (8);

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600**

**MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.9 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600**

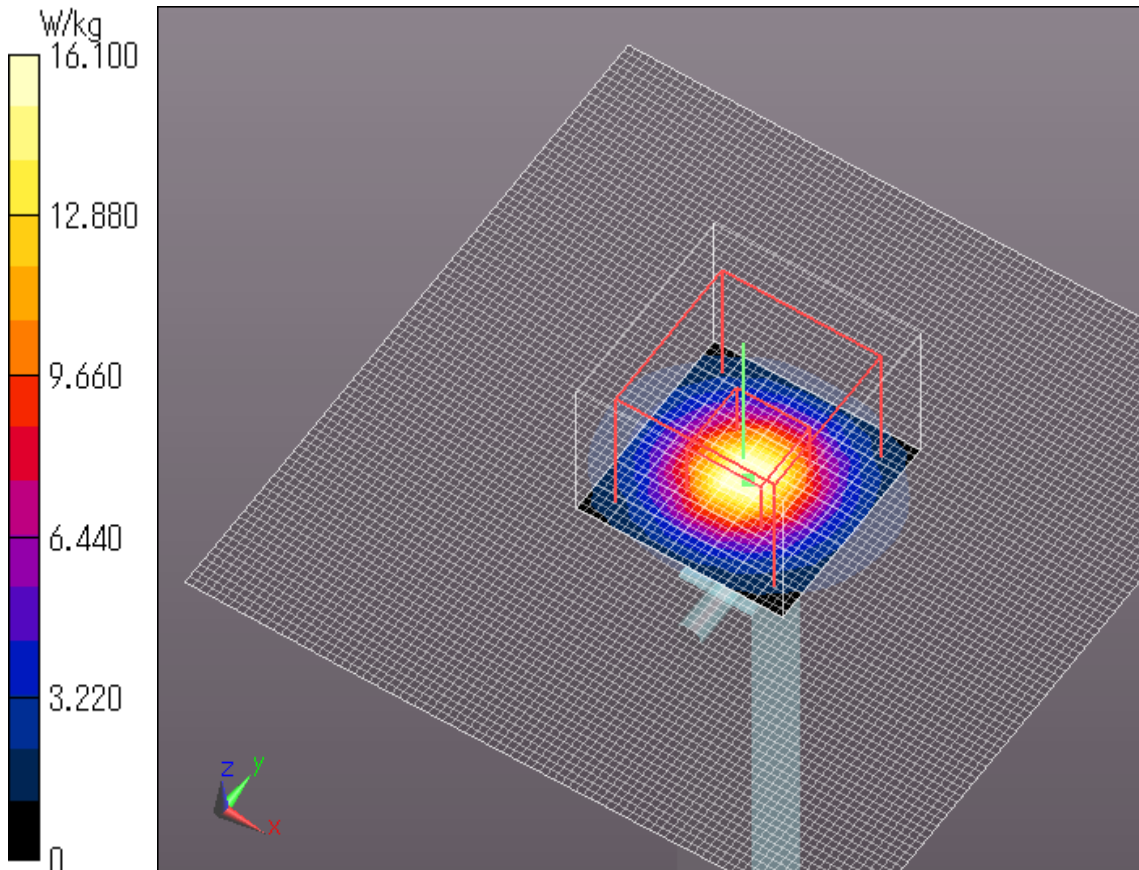
**MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 65.84 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 33.6 W/kg

**SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.2 W/kg**

Maximum value of SAR (measured) = 16.1 W/kg



**SystemPerformanceCheck-5800MHz\_100mw\_20141029**

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.147$  S/m;  $\epsilon_r = 47.026$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration

- Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13; Calibration Date;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn509; Calibrated: 2014/07/28
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045
- Measurement SW: DASYS2, Version 52.8 (8);

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800**

**MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.5 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800**

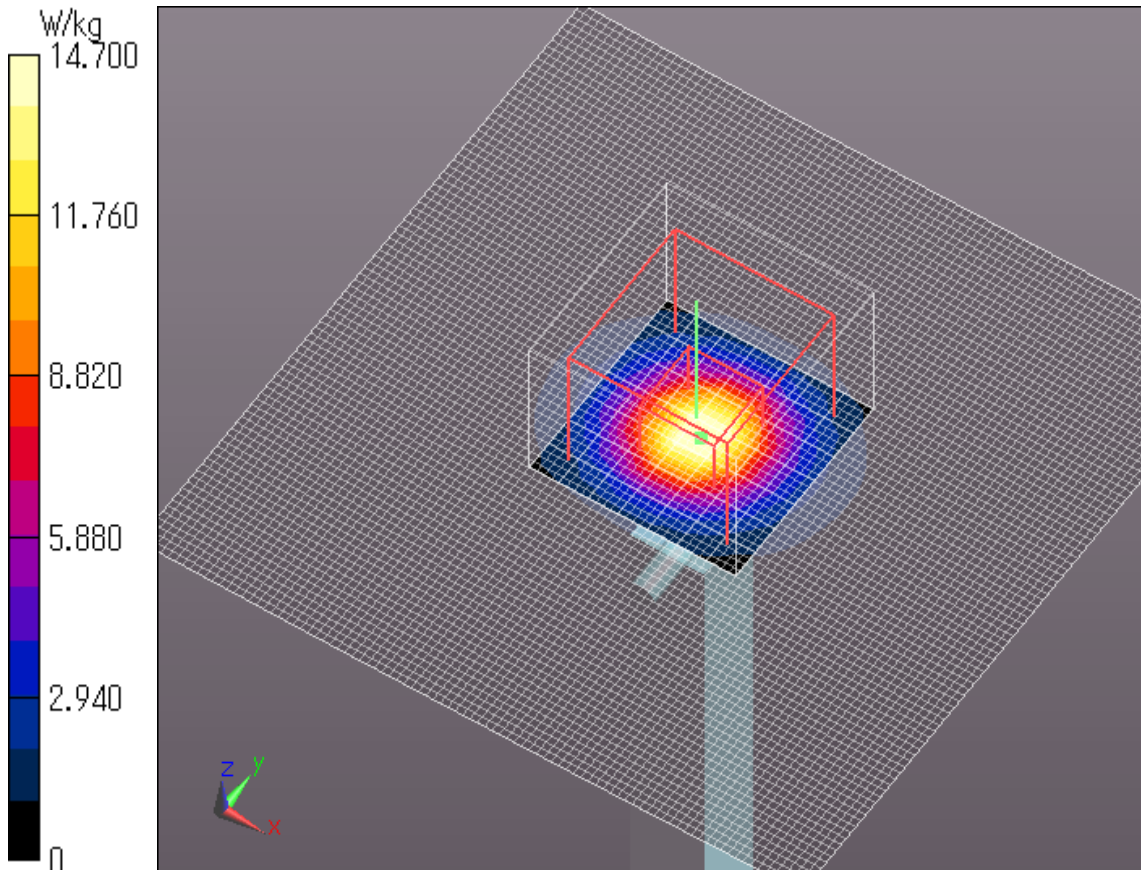
**MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 62.20 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 31.6 W/kg

**SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.01 W/kg**

Maximum value of SAR (measured) = 14.7 W/kg

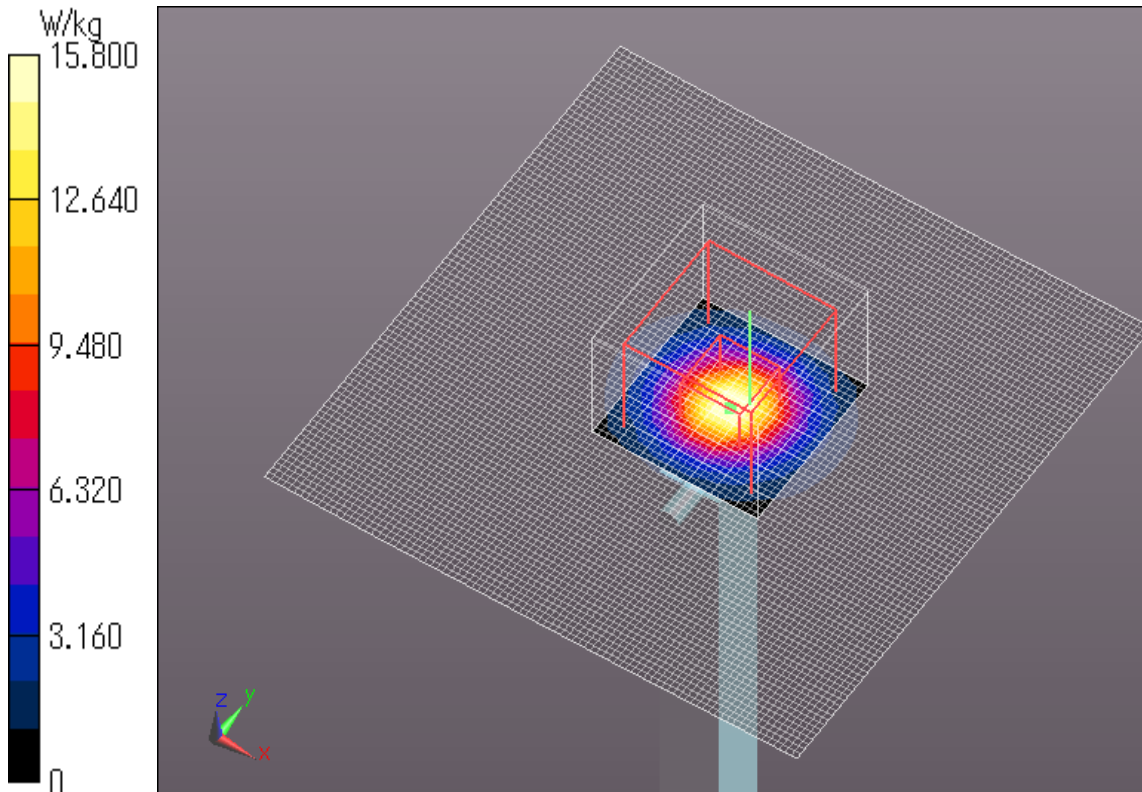


**SystemPerformanceCheck-5200MHz\_100mw\_20141117**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);  
Frequency: 5200 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.418$  S/m;  $\epsilon_r = 48.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;  $\{\text{Probe: Calibration Date}\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn509; Calibrated: 2014/07/28  
Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 17.4 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 65.38 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 31.4 W/kg  
**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.2 W/kg**  
Maximum value of SAR (measured) = 15.8 W/kg





**SystemPerformanceCheck-5300\_100mw\_20141117**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);

Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.639$  S/m;  $\epsilon_r = 47.986$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;  $\{\text{Probe: Calibration Date}\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2014/07/28

Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.0 W/kg

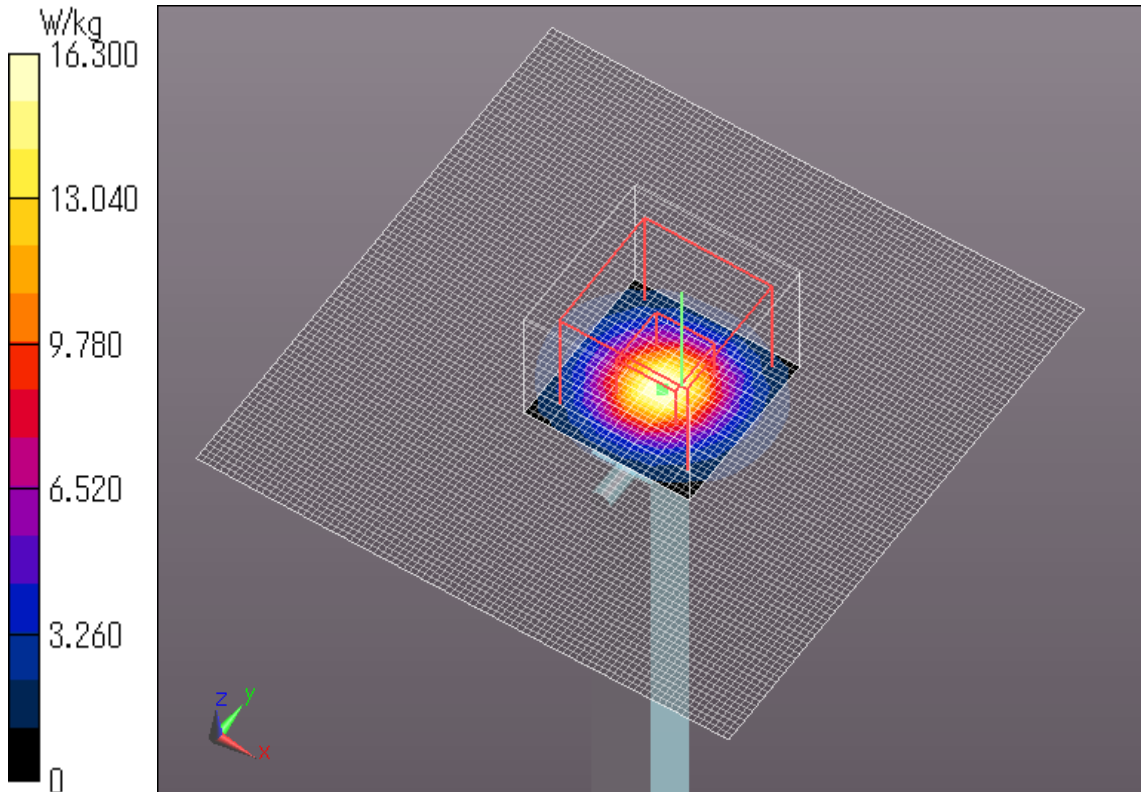
**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 64.69 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 32.5 W/kg

**SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.25 W/kg**

Maximum value of SAR (measured) = 16.3 W/kg

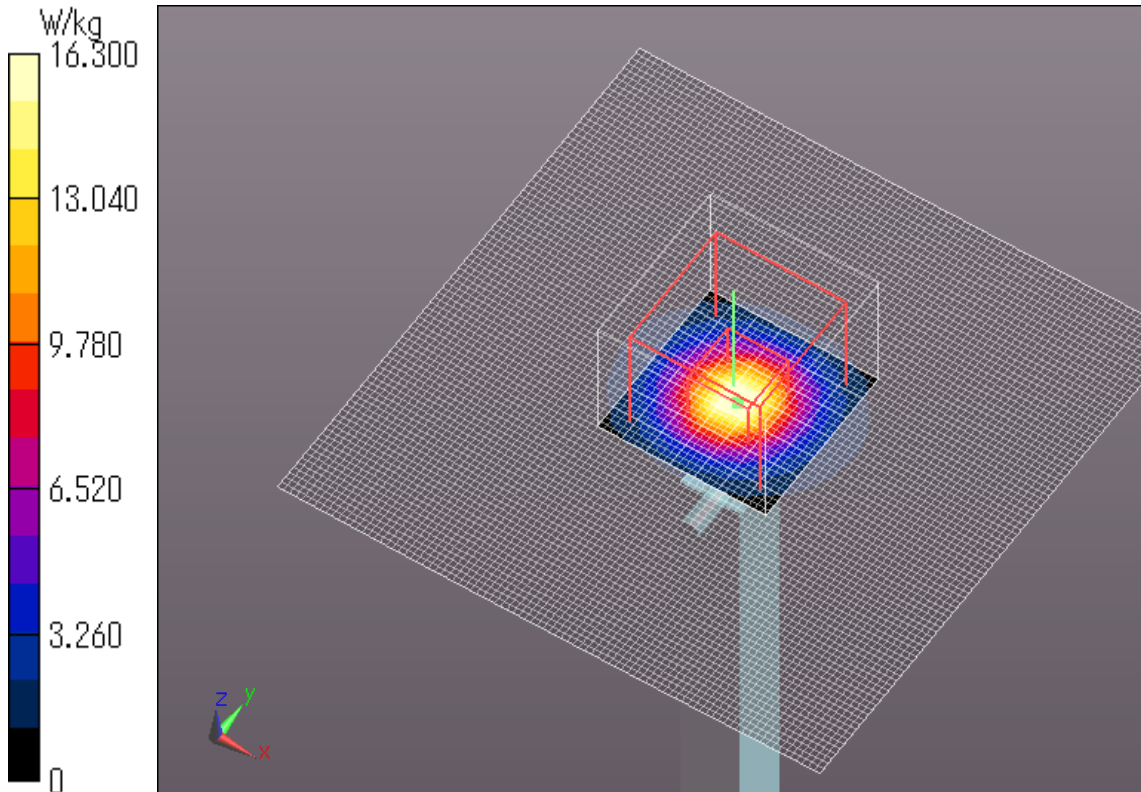


**SystemPerformanceCheck-5600MHz\_100mw\_20141117**

Communication System: UID 0, CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz);  
Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.977$  S/m;  $\epsilon_r = 47.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3825; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn509; Calibrated: 2014/07/28  
Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600 MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 17.1 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600 MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 65.84 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 34.0 W/kg  
**SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.22 W/kg**  
Maximum value of SAR (measured) = 16.3 W/kg



**SystemPerformanceCheck-5800MHz\_100mw\_20141117**

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz);  
Frequency: 5800 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.216$  S/m;  $\epsilon_r = 47.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration  
Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;  $\{Probe: Calibration Date\}$   
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn509; Calibrated: 2014/07/28  
Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1045  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 15.7 W/kg

**System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (8x8x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 62.20 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 32.0 W/kg  
**SAR(1 g) = 7.44 W/kg; SAR(10 g) = 2.04 W/kg**  
Maximum value of SAR (measured) = 14.9 W/kg

