

### FCC 2.4G System Validation-D2450V2\_SN926-20140507

Communication System: CW ; Frequency: 2450 MHz ; Duty Cycle: 1:1

Medium: MSL\_2.4G; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.976$  S/m;  $\epsilon_r = 51.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.4, 7.4, 7.4); Calibrated: 2014/02/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 right; Type: QDOVA001BB; Serial: TP:1232
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.8 W/kg

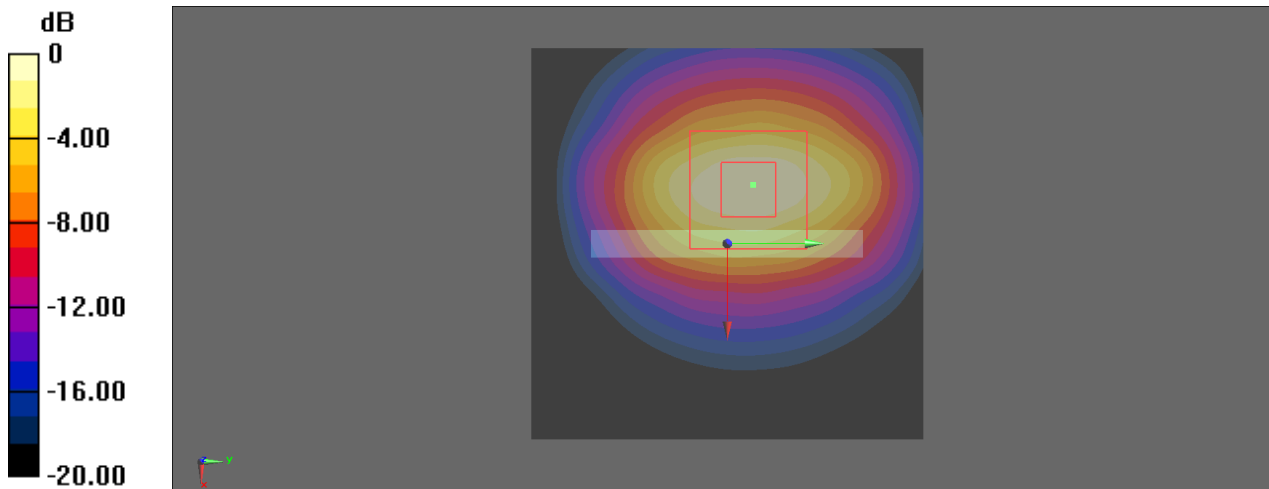
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.3 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 25.8 W/kg

**SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.91 W/kg**

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

### FCC 2.4G System Validation-D2450V2\_SN926-20140512

Communication System: CW ; Frequency: 2450 MHz ; Duty Cycle: 1:1

Medium: MSL\_2.4G; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.979$  S/m;  $\epsilon_r = 51.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.4, 7.4, 7.4); Calibrated: 2014/02/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 right; Type: QDOVA001BB; Serial: TP:1232
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.8 W/kg

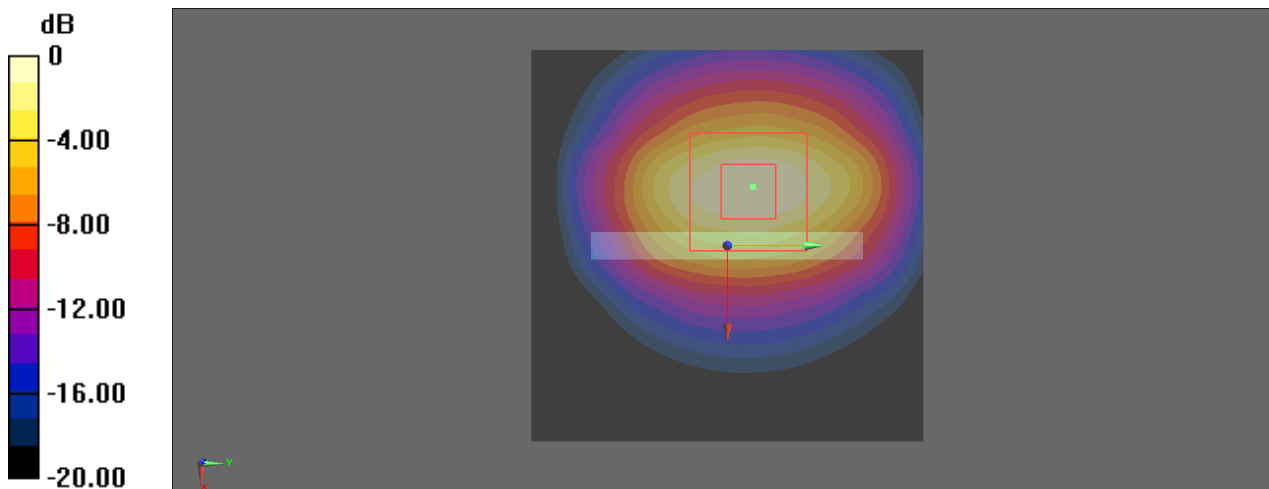
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.0 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 25.7 W/kg

**SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.88 W/kg**

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

### FCC 2.4G System Validation-D2450V2\_SN926-20140515

Communication System: CW ; Frequency: 2450 MHz ; Duty Cycle: 1:1

Medium: MSL\_2.4G; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 50.839$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.4, 7.4, 7.4); Calibrated: 2014/02/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 right; Type: QDOVA001BB; Serial: TP:1232
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 18.8 W/kg

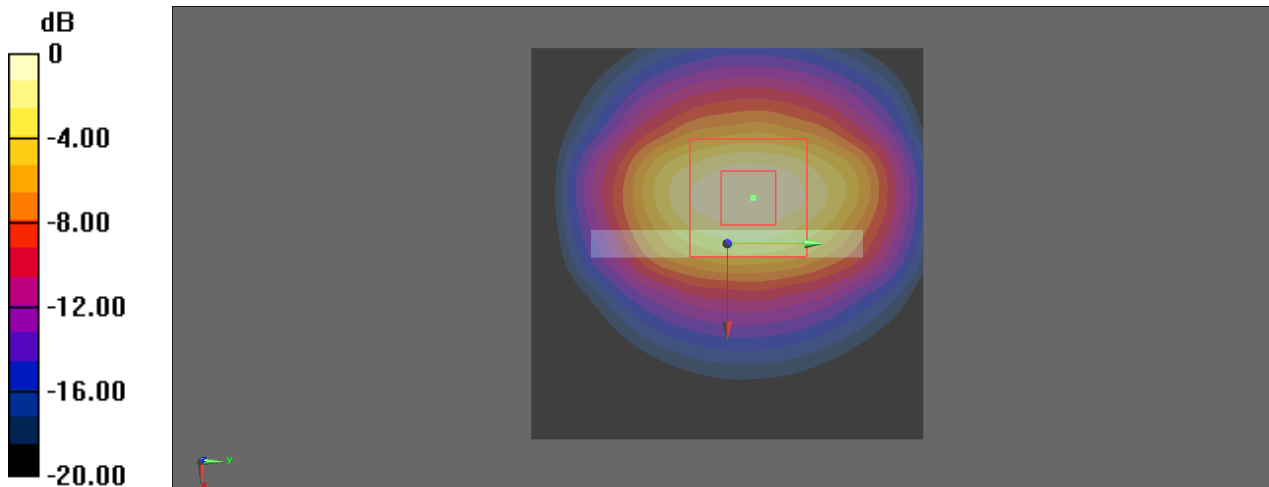
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.133 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 24.5 W/kg

**SAR(1 g) = 12 W/kg; SAR(10 g) = 5.63 W/kg**

Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.3 W/kg = 12.62 dBW/kg

### FCC 5.2G System Validation-D5GHzV2\_SN1171-20140507

Communication System: CW ; Frequency: 5200 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.401$  S/m;  $\epsilon_r = 47.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.61, 4.61, 4.61); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.2 W/kg

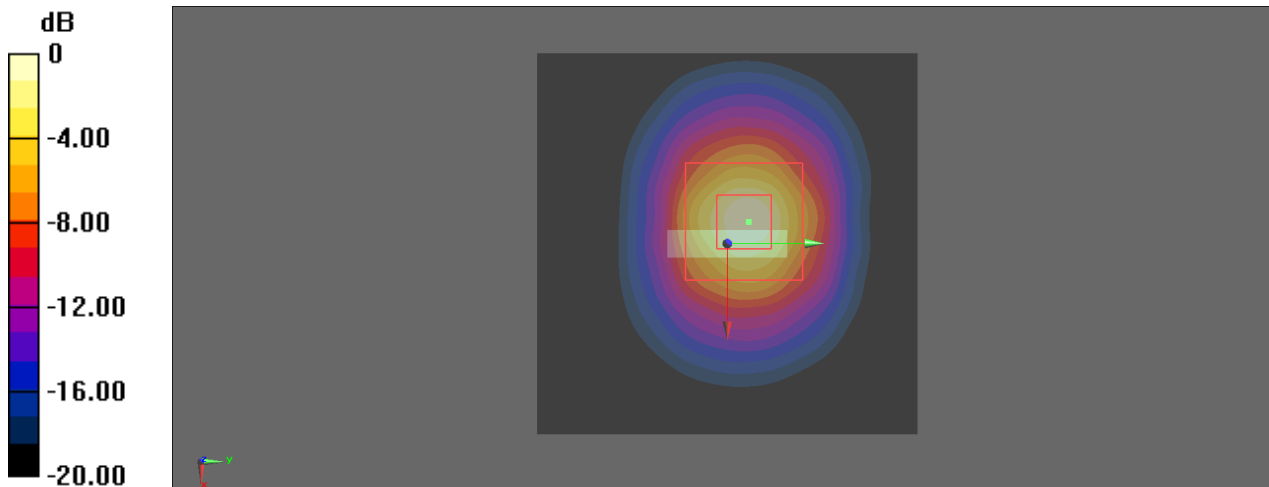
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.340 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 29.1 W/kg

**SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

### FCC 5.2G System Validation-D5GHzV2\_SN1171-20140512

Communication System: CW ; Frequency: 5200 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.371$  S/m;  $\epsilon_r = 47.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.61, 4.61, 4.61); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 18.0 W/kg

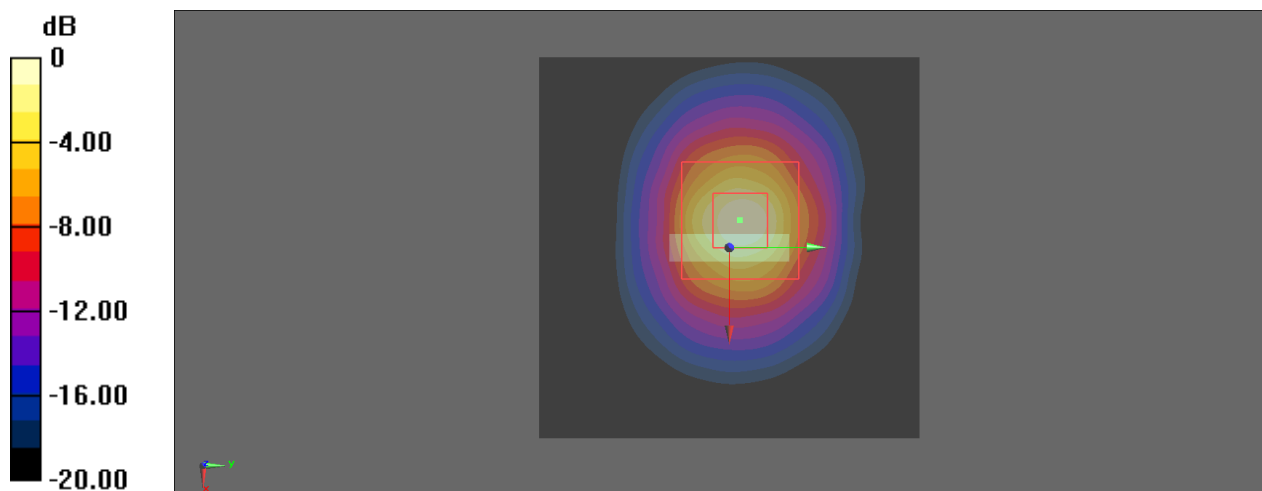
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.334 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 29.3 W/kg

**SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.04 W/kg**

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

### FCC 5.2G System Validation-D5GHzV2\_SN1171-20140515

Communication System: CW ; Frequency: 5200 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.387$  S/m;  $\epsilon_r = 47.398$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.61, 4.61, 4.61); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.3 W/kg

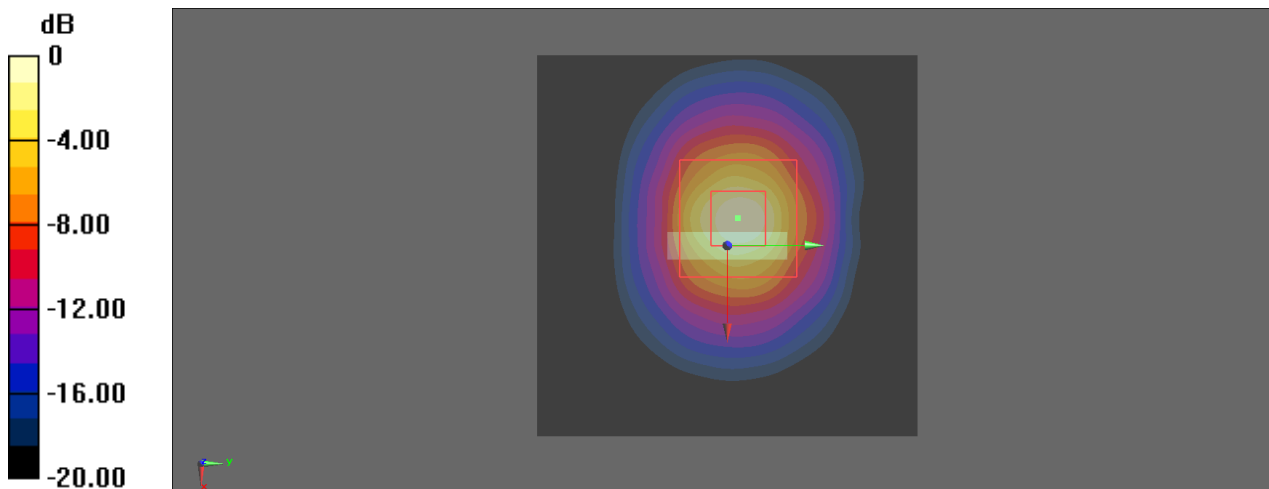
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.005 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 30.1 W/kg

**SAR(1 g) = 7.41 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.0 W/kg = 12.79 dBW/kg

### FCC 5.3G System Validation-D5GHzV2\_SN1171-20140507

Communication System: CW ; Frequency: 5300 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.528$  S/m;  $\epsilon_r = 46.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.39, 4.39, 4.39); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.2 W/kg

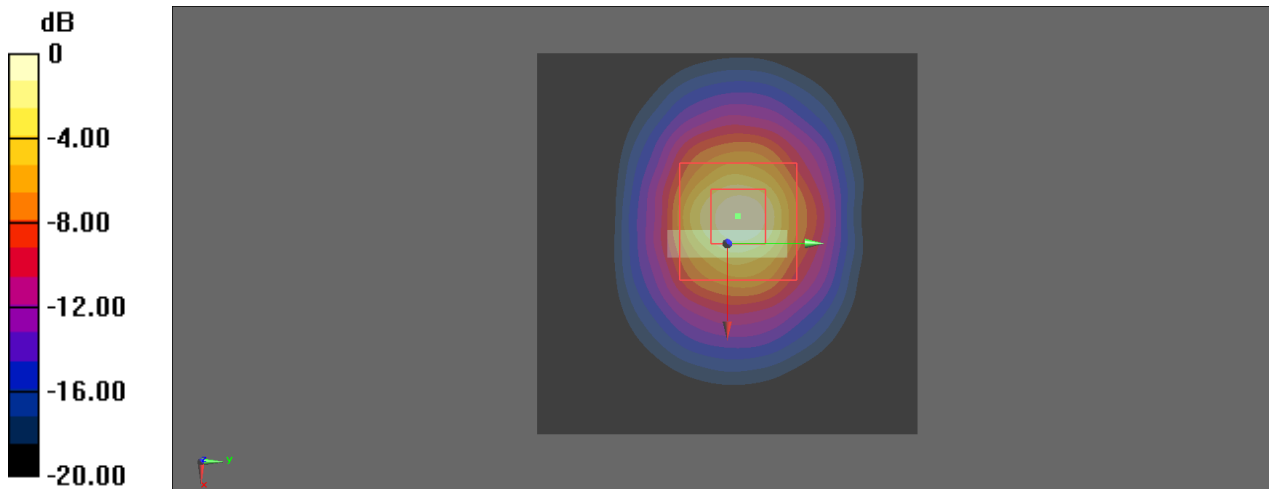
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.125 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 30.4 W/kg

**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.06 W/kg**

Maximum value of SAR (measured) = 18.9 W/kg



0 dB = 18.9 W/kg = 12.76 dBW/kg

### FCC 5.3G System Validation-D5GHzV2\_SN1171-20140512

Communication System: CW ; Frequency: 5300 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.509 \text{ S/m}$ ;  $\epsilon_r = 47.051$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.39, 4.39, 4.39); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 18.6 W/kg

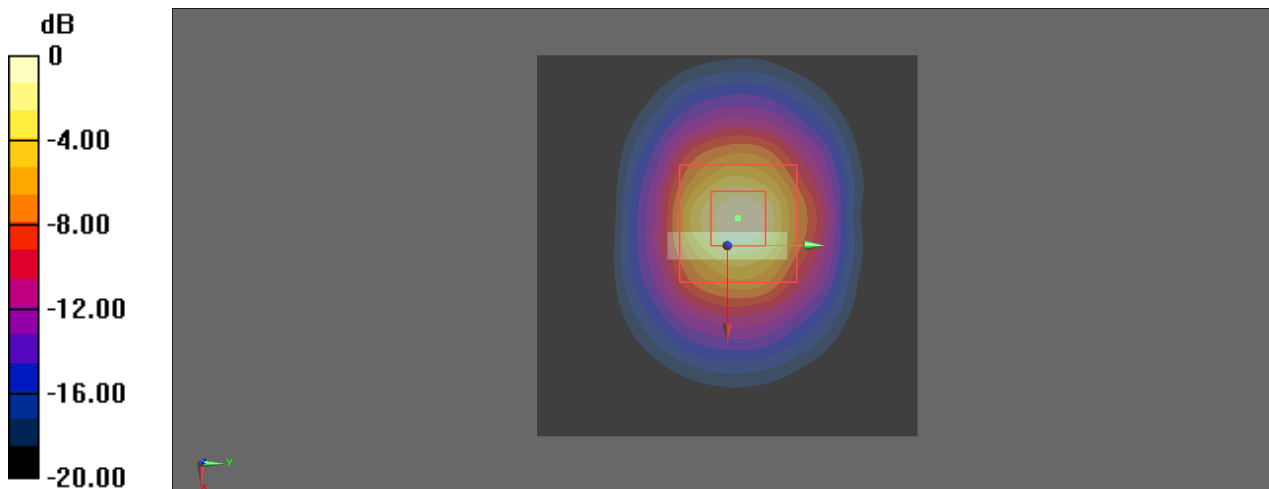
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 66.745 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 30.7 W/kg

**SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.1 W/kg**

Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg



### FCC 5.3G System Validation-D5GHzV2\_SN1171-20140515

Communication System: CW ; Frequency: 5300 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.524$  S/m;  $\epsilon_r = 47.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.39, 4.39, 4.39); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.2 W/kg

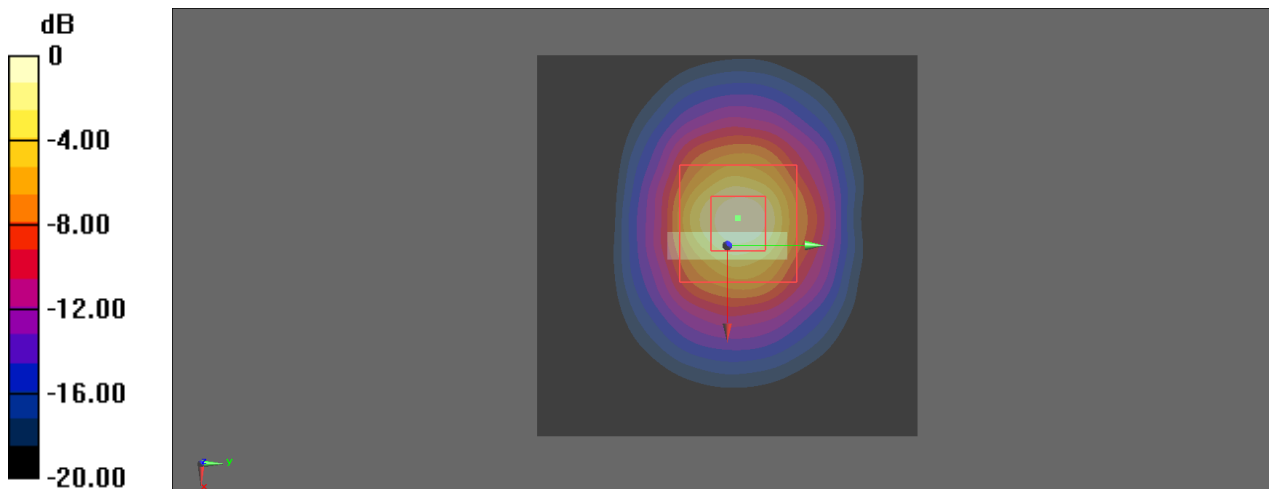
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.892 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 31.9 W/kg

**SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.17 W/kg**

Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg = 12.97 dBW/kg

### FCC 5.6G System Validation-D5GHzV2\_SN1171-20140507

Communication System: CW ; Frequency: 5600 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.928$  S/m;  $\epsilon_r = 46.403$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(3.69, 3.69, 3.69); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.2 W/kg

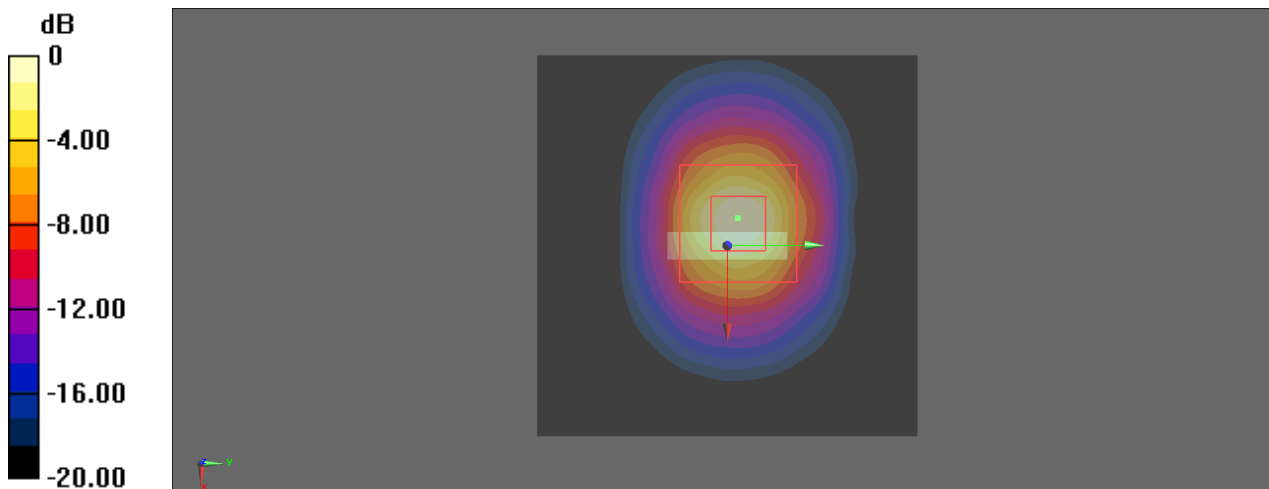
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.192 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 31.9 W/kg

**SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.24 W/kg**

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



0 dB = 20.7 W/kg = 13.16 dBW/kg

### FCC 5.6G System Validation-D5GHzV2\_SN1171-20140512

Communication System: CW ; Frequency: 5600 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.887$  S/m;  $\epsilon_r = 46.554$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(3.69, 3.69, 3.69); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.9 W/kg

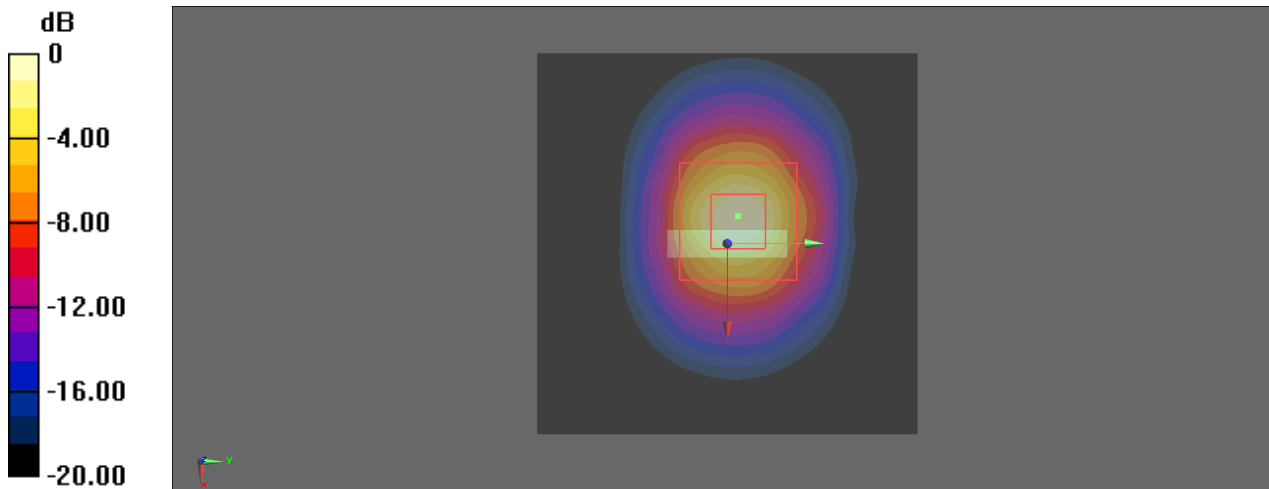
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.050 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 31.8 W/kg

**SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.2 W/kg**

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg = 13.12 dBW/kg

### FCC 5.6G System Validation-D5GHzV2\_SN1171-20140515

Communication System: CW ; Frequency: 5600 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.917$  S/m;  $\epsilon_r = 46.658$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(3.69, 3.69, 3.69); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.8 W/kg

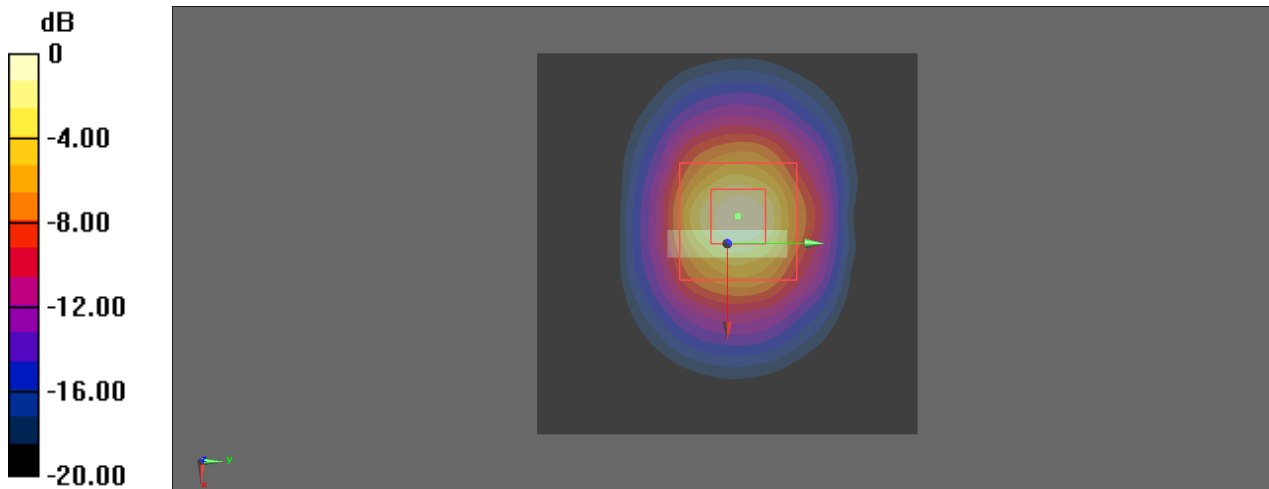
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.195 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 33.1 W/kg

**SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.3 W/kg**

Maximum value of SAR (measured) = 21.4 W/kg



0 dB = 21.4 W/kg = 13.30 dBW/kg

### FCC 5.8G System Validation-D5GHzV2\_SN1171-20140507

Communication System: CW ; Frequency: 5800 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.198 \text{ S/m}$ ;  $\epsilon_r = 46.042$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) = 19.3 W/kg

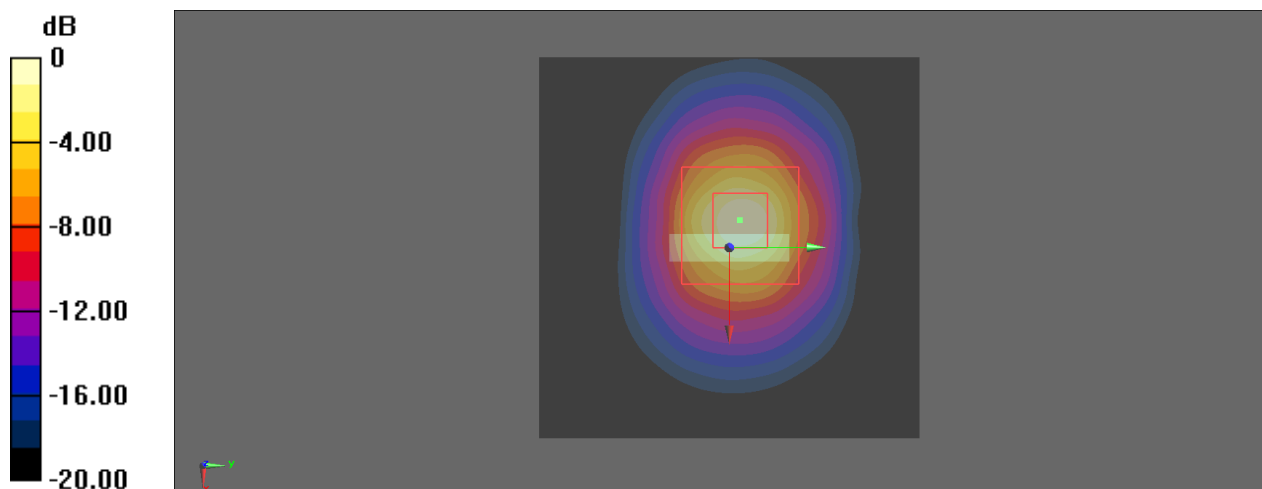
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 65.007 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 33.7 W/kg

**SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.07 W/kg**

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg

### FCC 5.8G System Validation-D5GHzV2\_SN1171-20140512

Communication System: CW ; Frequency: 5800 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.18$  S/m;  $\epsilon_r = 46.239$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 18.7 W/kg

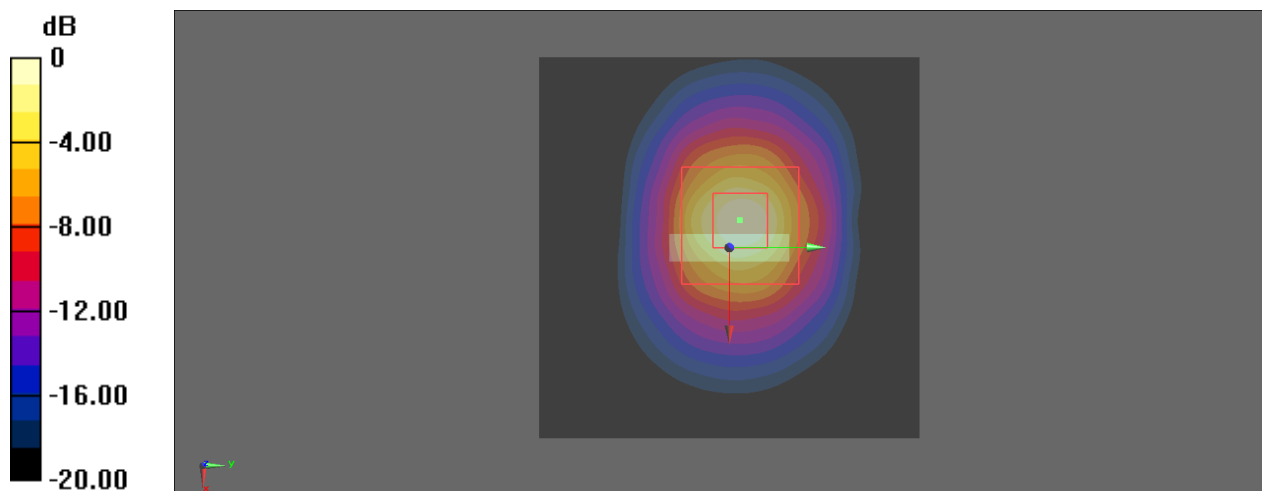
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.191 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.7 W/kg

**SAR(1 g) = 7.25 W/kg; SAR(10 g) = 2.03 W/kg**

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

### FCC 5.8G System Validation-D5GHzV2\_SN1171-20140515

Communication System: CW ; Frequency: 5800 MHz ; Duty Cycle: 1:1

Medium: MSL\_5G; Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.207$  S/m;  $\epsilon_r = 46.421$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/02/17;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10(7164)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.2 W/kg

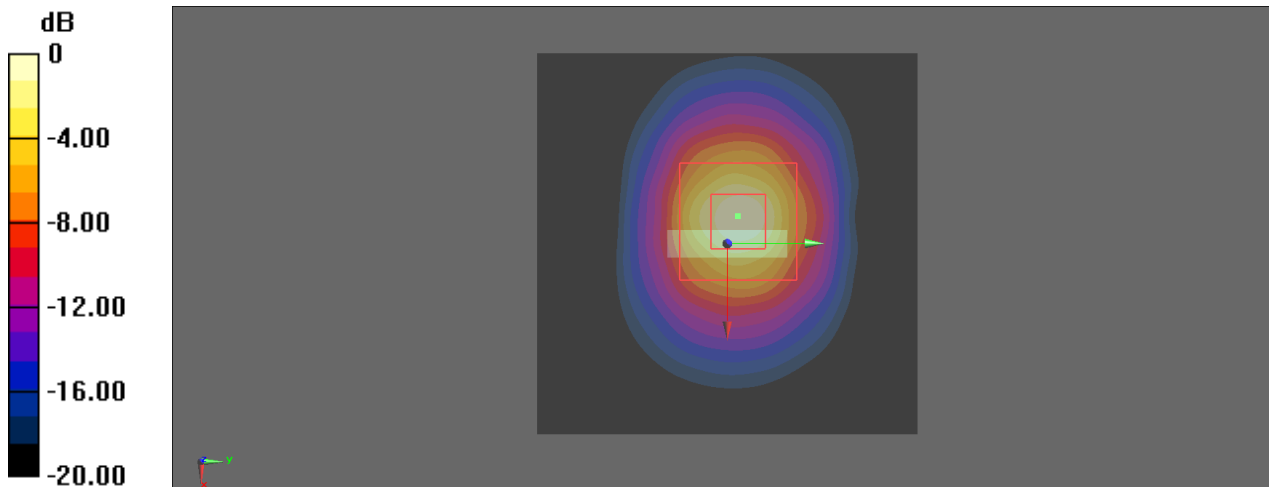
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.893 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 34.2 W/kg

**SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.08 W/kg**

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

## System Check\_B2450\_140701

### DUT: Dipole 2450 MHz\_SN:926

Communication System: CW ; Frequency: 2450 MHz;Duty Cycle: 1:1

Medium: B2450\_140701 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.943$  S/m;  $\epsilon_r = 50.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.6, 7.6, 7.6); Calibrated: 12/09/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 12/02/2013
- Phantom: ELI v4.0 right; Type: QDOVA001BB; Serial: TP:1232
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.2 W/kg

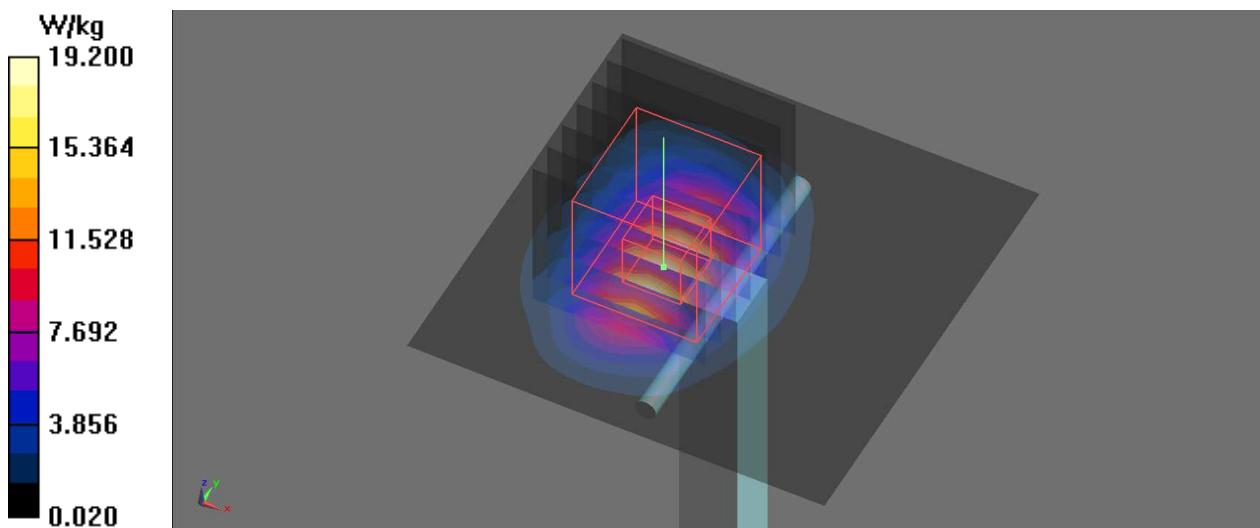
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.36 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 25.0 W/kg

**SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.89 W/kg**

Maximum value of SAR (measured) = 18.8 W/kg





## System Check\_B5200\_140701

### DUT: Dipole D5GHzV2\_SN:1167

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G\_140701 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.32$  S/m;  $\epsilon_r = 47.85$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 2013/12/09/;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2013/12/02/
- Phantom: ELI v4.0 front; Type: QDOVA001BB; Serial: TP:1233
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.8 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.65 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 29.6 W/kg

**SAR(1 g) = 7.17 W/kg; SAR(10 g) = 2.04 W/kg**

Maximum value of SAR (measured) = 18.2 W/kg

