

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch6;Ant B**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_140124 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch6/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.48 W/kg

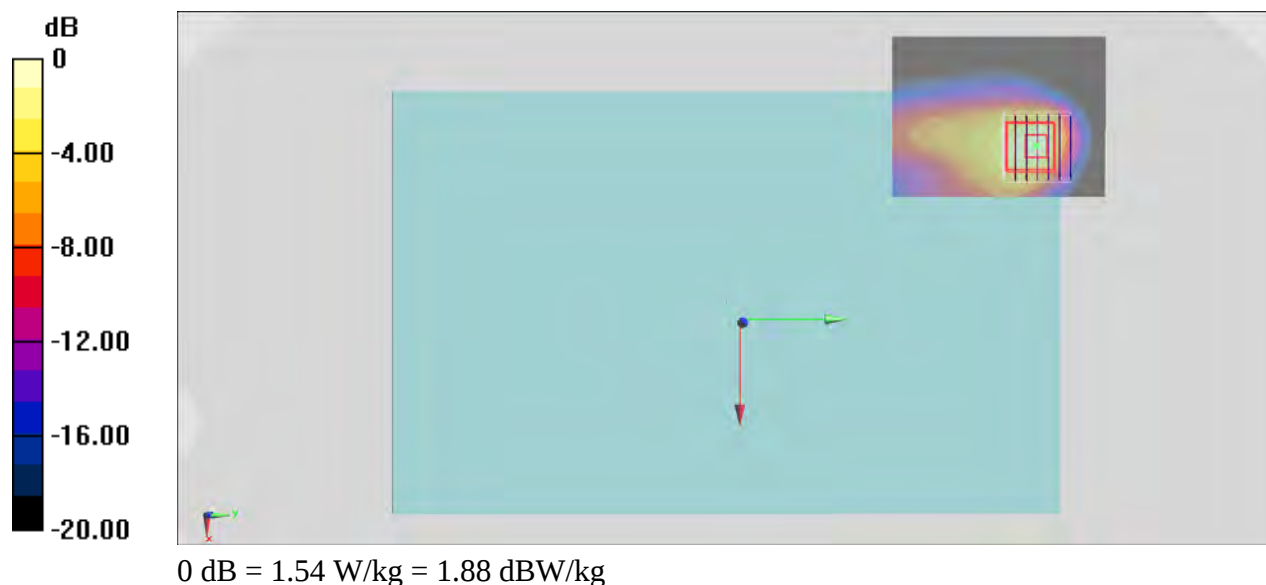
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.080 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.20 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.423 W/kg**

Maximum value of SAR (measured) = 1.54 W/kg



**#02\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch1;Ant A+B**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_131228 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.931$  S/m;  $\epsilon_r = 52.782$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch1/Area Scan (181x271x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.846 W/kg

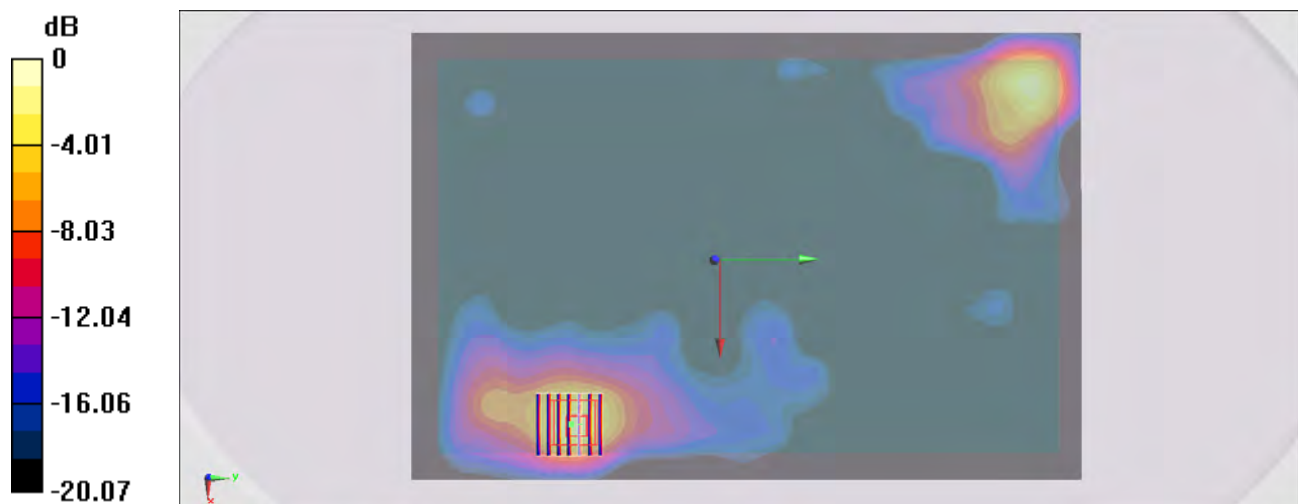
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.116 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.392 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

**#03\_WLAN5GHz\_802.11a 6Mbps\_Slant of Edge 3\_0cm\_Ch149;Ant B**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.009

Medium: MSL\_5G\_140122 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.188$  S/m;  $\epsilon_r = 46.932$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(4.08, 4.08, 4.08); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch149/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.635 W/kg

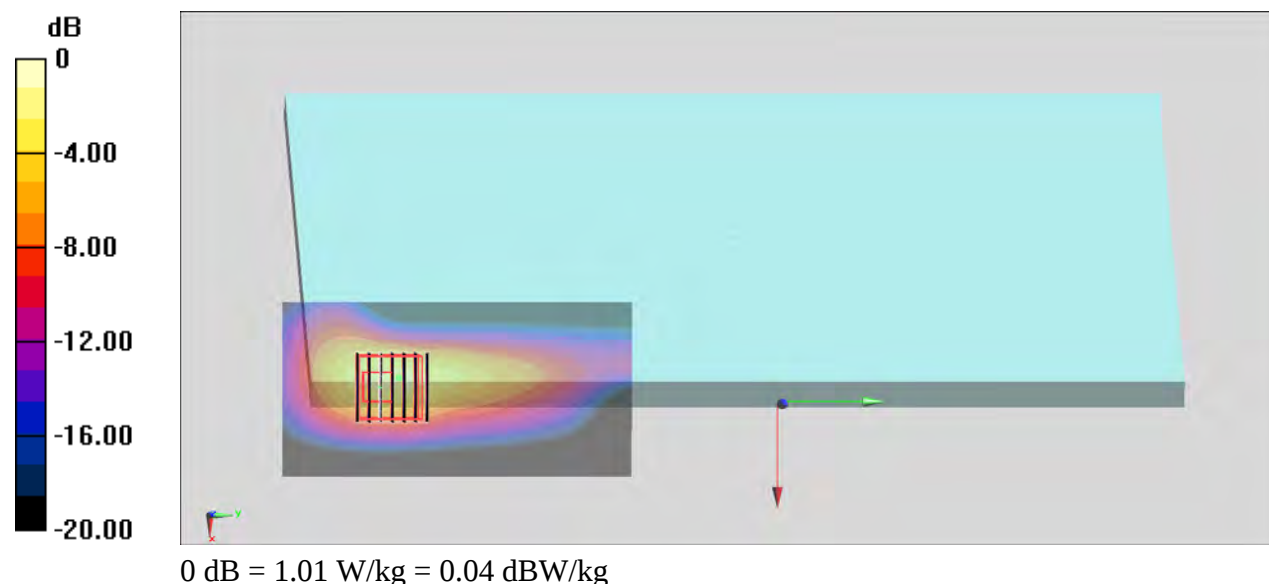
**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.708 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.131 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Slant of Edge3\_0cm\_Ch151;Ant A+B**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.024

Medium: MSL\_5G\_140103 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 6.189$  S/m;  $\epsilon_r = 46.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3661; ConvF(3.97, 3.97, 3.97); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch151/Area Scan (61x341x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.10 W/kg

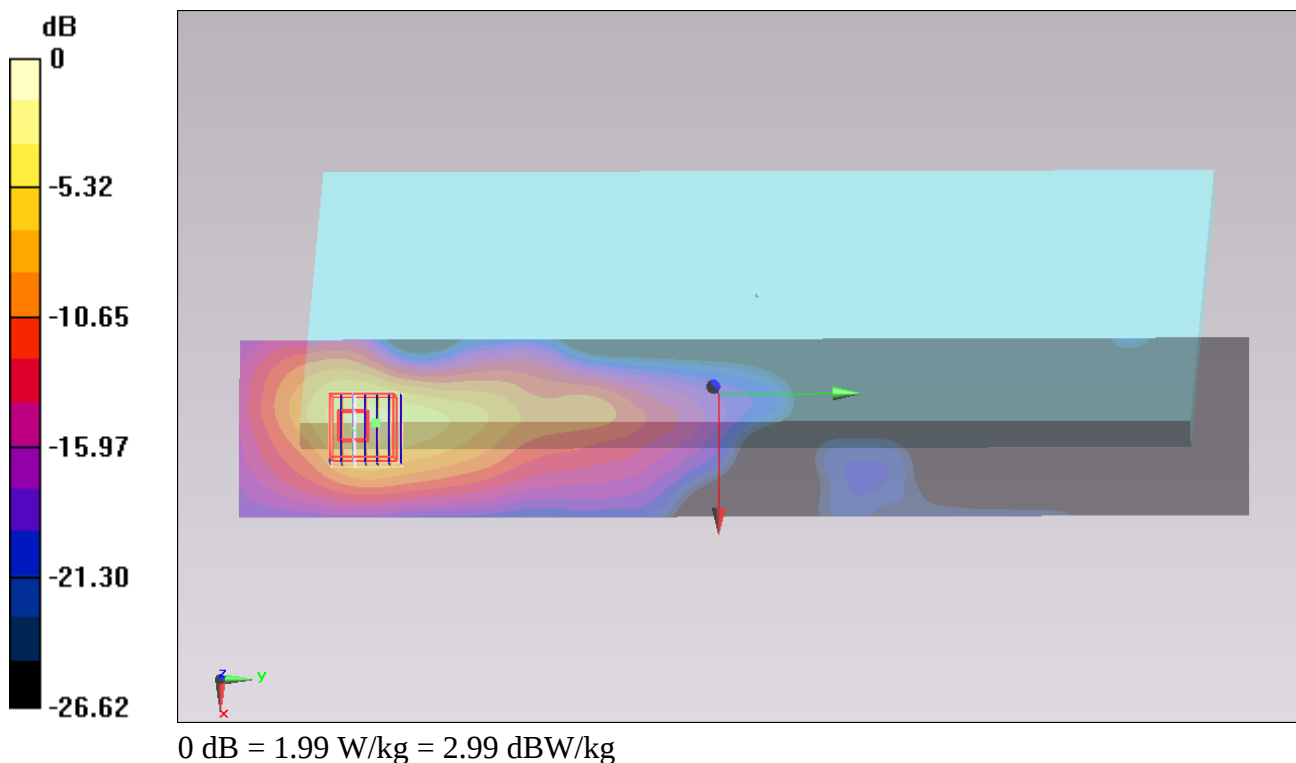
**Configuration/Ch151/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.763 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.46 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 1.99 W/kg



**#05\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch48;Ant B**

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1.009

Medium: MSL\_5G\_140122 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.518$  S/m;  $\epsilon_r = 47.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.64, 4.64, 4.64); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch48/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.684 W/kg

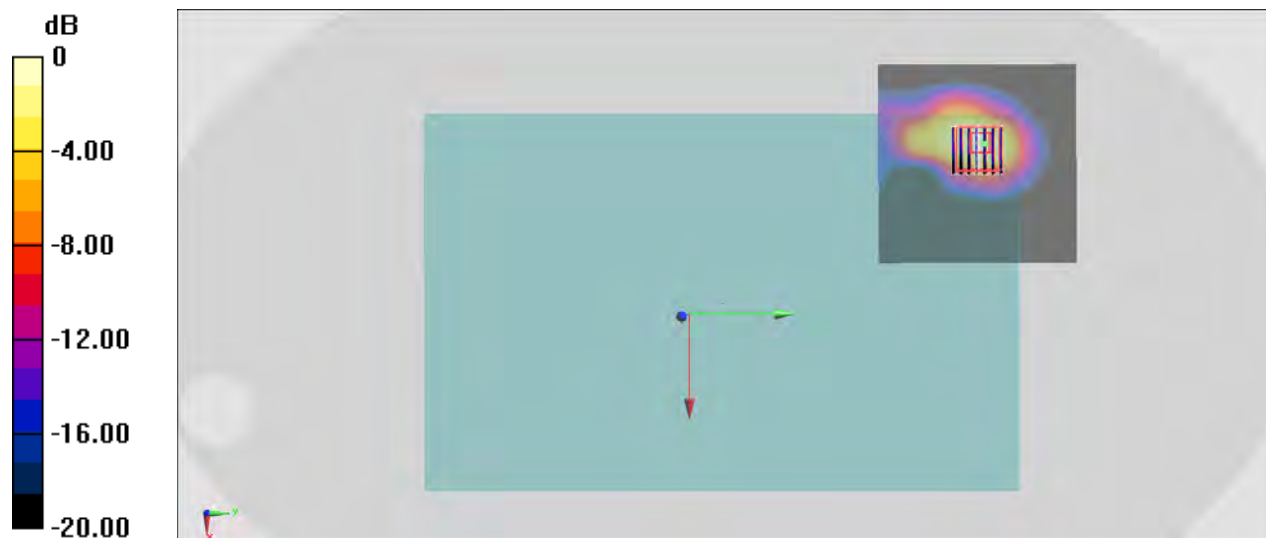
**Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.466 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

**#06\_WLAN5GHz\_802.11a 6Mbps\_Slant of Edge3\_0cm\_Ch52;Ant B**

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.009

Medium: MSL\_5G\_140122 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 5.548$  S/m;  $\epsilon_r = 47.655$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.36, 4.36, 4.36); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.10 W/kg

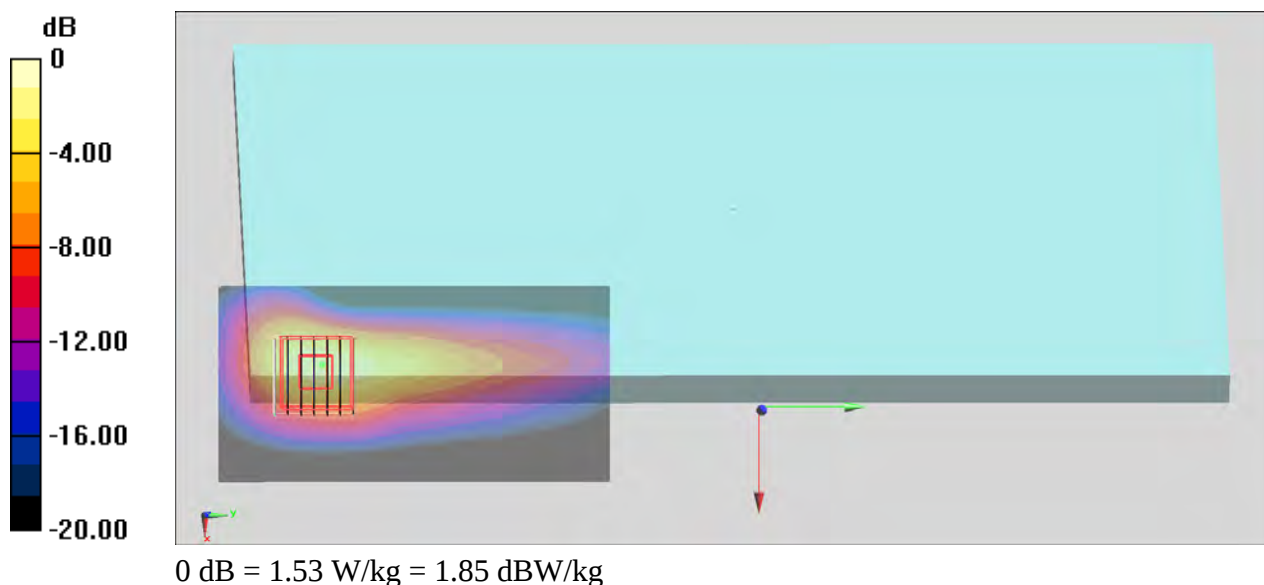
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.463 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg



**#07\_WLAN5GHz\_802.11a 6Mbps\_Slant of Edge3\_0cm\_Ch132;Ant B**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.009

Medium: MSL\_5G\_140125 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.914$  S/m;  $\epsilon_r = 46.714$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(3.97, 3.97, 3.97); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch132/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.27 W/kg

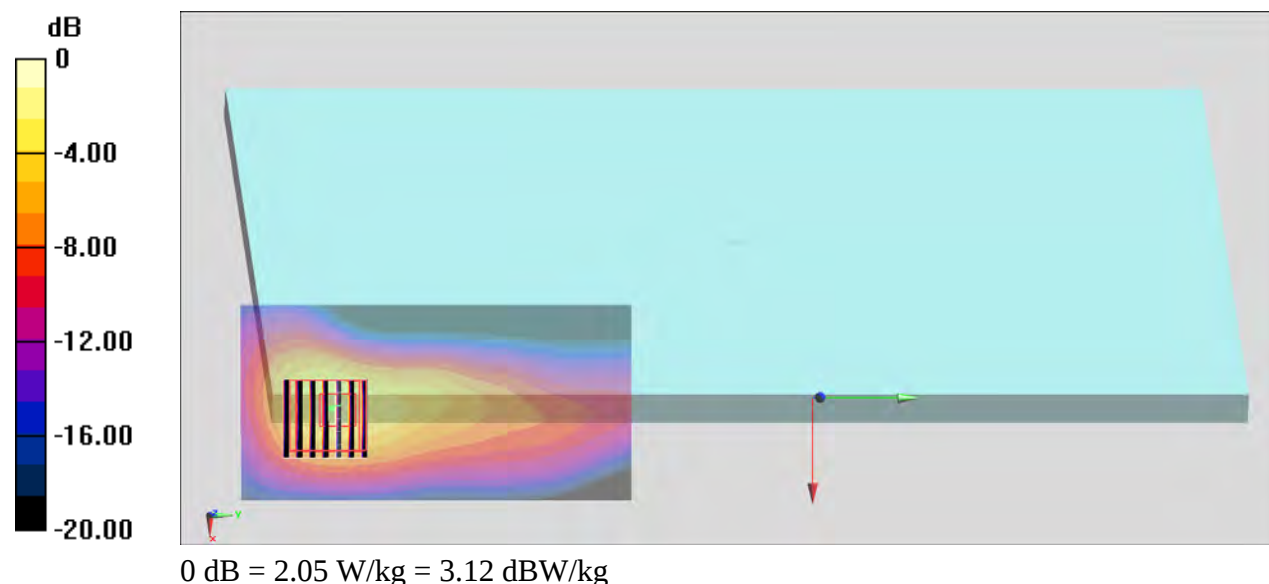
**Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.224 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.74 W/kg

**SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 2.05 W/kg



**#08\_WLAN5GHz\_802.11n-HT40 MCS0\_Slant of Edge3\_0cm\_Ch46;Ant A+B**

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.024

Medium: MSL\_5G\_140103 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 5.348$  S/m;  $\epsilon_r = 47.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3661; ConvF(4.46, 4.46, 4.46); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch46/Area Scan (61x341x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.763 W/kg

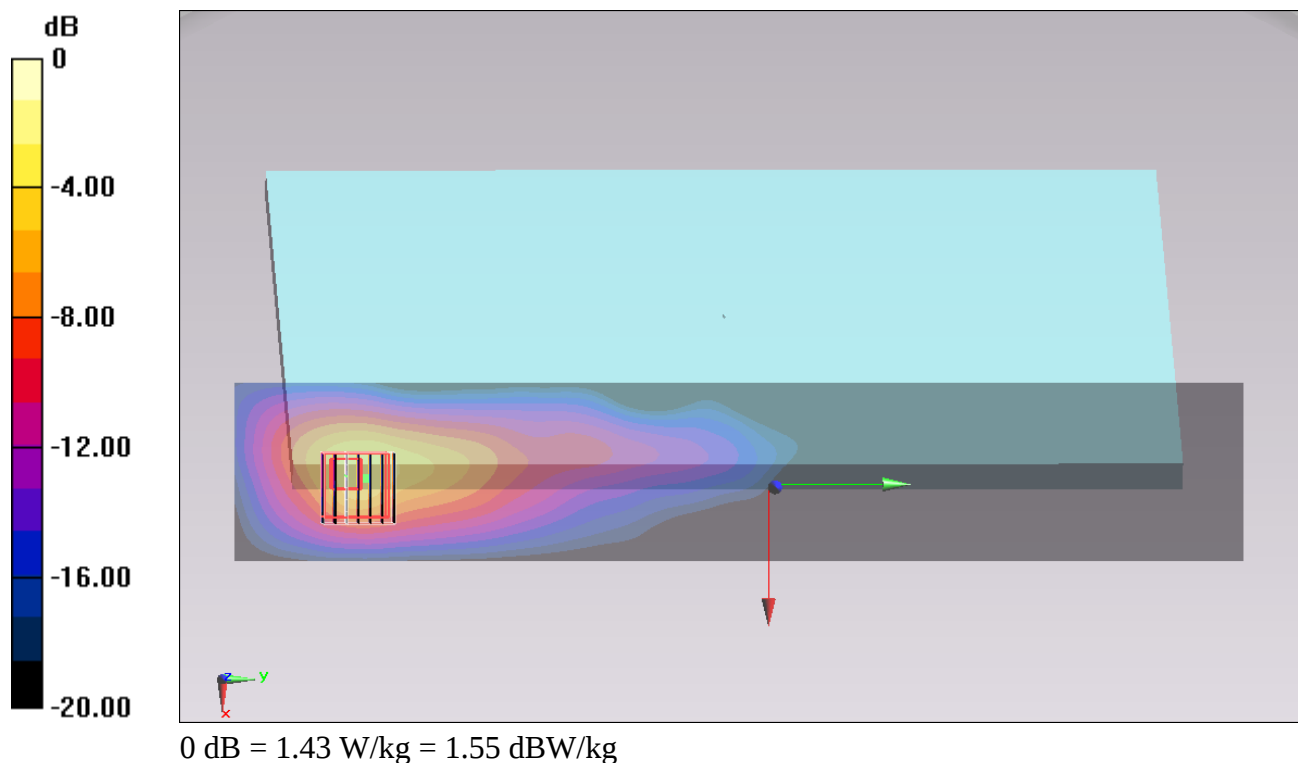
**Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.872 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.202 W/kg**

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



**#165\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch52;Ant A+B**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.009

Medium: MSL\_5G\_140122 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.548$  S/m;  $\epsilon_r = 47.655$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.36, 4.36, 4.36); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (221x321x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

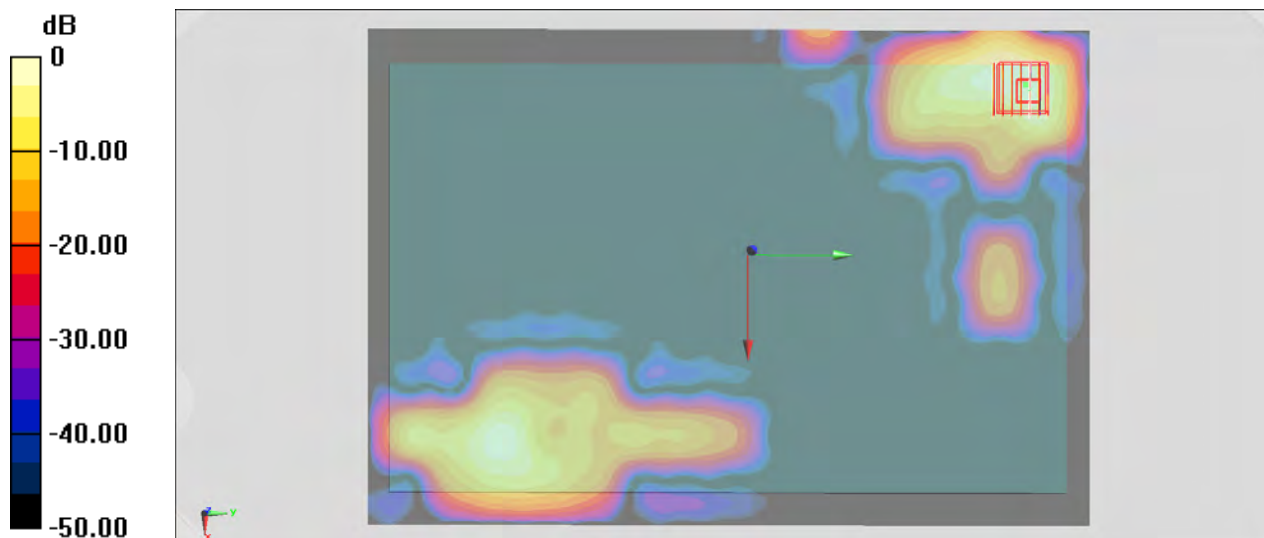
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.013 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.76 W/kg

**SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 1.75 W/kg



**#10\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 3\_0cm\_Ch126;Ant A+B**

Communication System: 802.11n; Frequency: 5630 MHz; Duty Cycle: 1:1.024

Medium: MSL\_5G\_131230 Medium parameters used:  $f = 5630$  MHz;  $\sigma = 5.705$  S/m;  $\epsilon_r = 47.006$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(3.97, 3.97, 3.97); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch126/Area Scan (61x341x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.62 W/kg

**Configuration/Ch126/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.123 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.14 W/kg

**SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 2.20 W/kg

