

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 3\_0mm\_Ch11;Ant Main

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.012

Medium: MSL\_2450\_150321 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.946 \text{ S/m}$ ;  $\epsilon_r = 51.454$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch11/Area Scan (51x91x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.880 \text{ W/kg}$

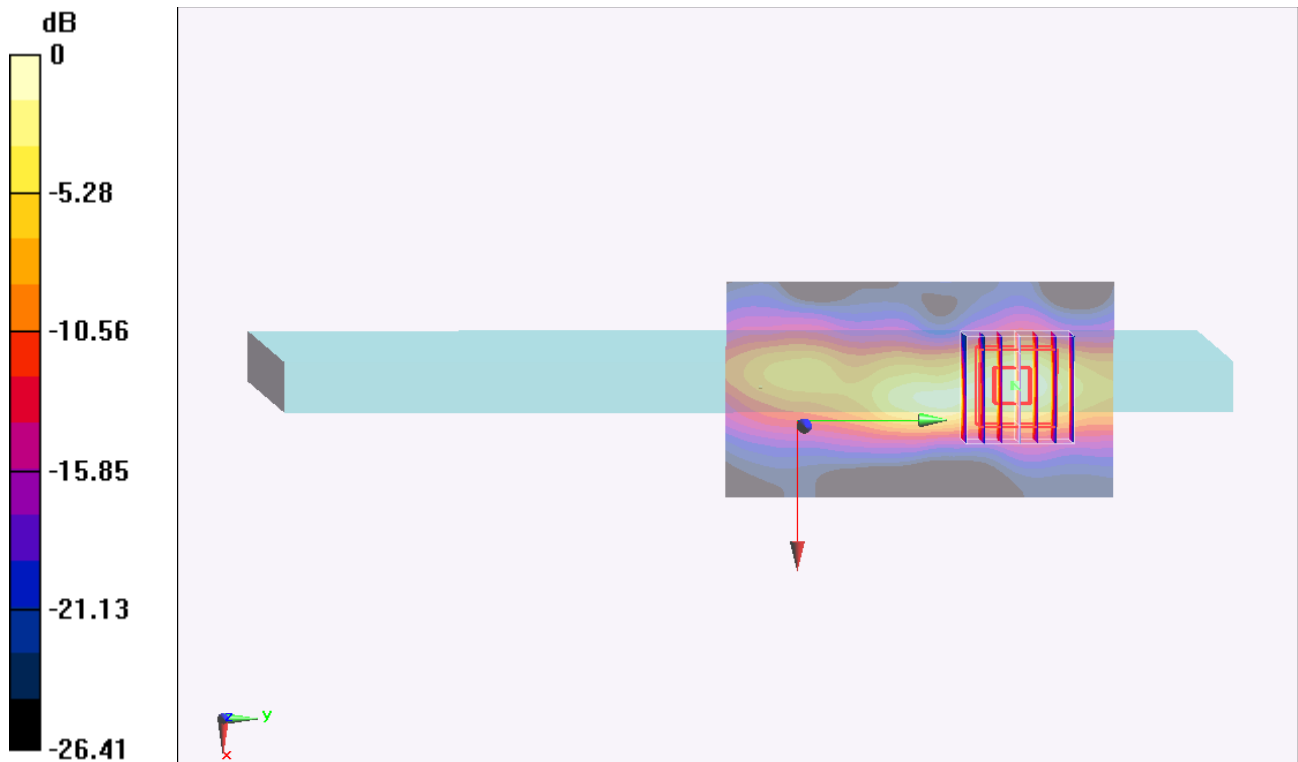
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.408 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $1.42 \text{ W/kg}$

**SAR(1 g) =  $0.476 \text{ W/kg}$ ; SAR(10 g) =  $0.184 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.844 \text{ W/kg}$



0 dB =  $0.844 \text{ W/kg}$  =  $-0.74 \text{ dBW/kg}$

## #02\_WLAN5GHz\_802.11a 6Mbps\_Edge 3\_0mm\_Ch36;Ant Main

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.046

Medium: MSL\_5G\_150323 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.43$  S/m;  $\epsilon_r = 47.943$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.61, 4.61, 4.61); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.838 W/kg

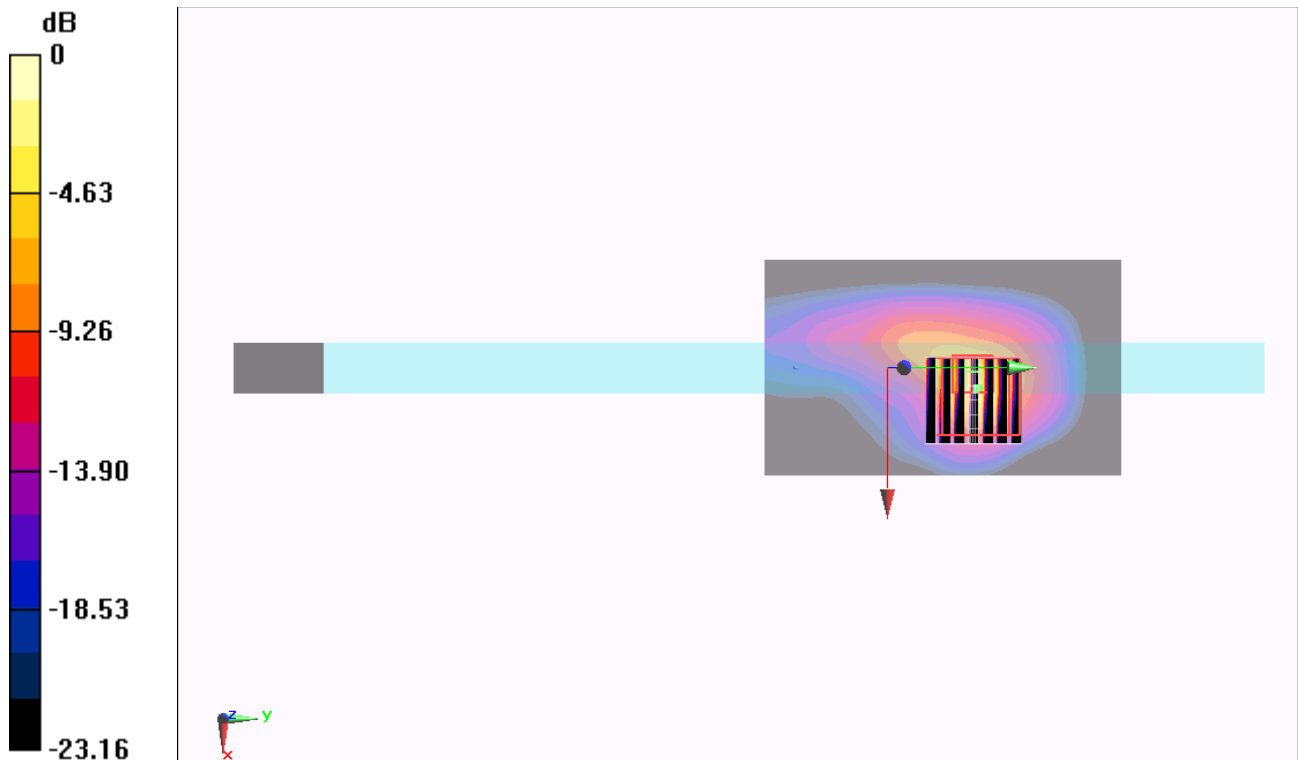
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.617 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.76 W/kg

**SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.169 W/kg**

Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

### #03\_WLAN5GHz\_802.11a 6Mbps\_Edge 3\_0mm\_Ch56;Ant Main

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.046

Medium: MSL\_5G\_150323 Medium parameters used :  $f = 5280$  MHz;  $\sigma = 5.564$  S/m;  $\epsilon_r = 47.77$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch56/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.448 W/kg

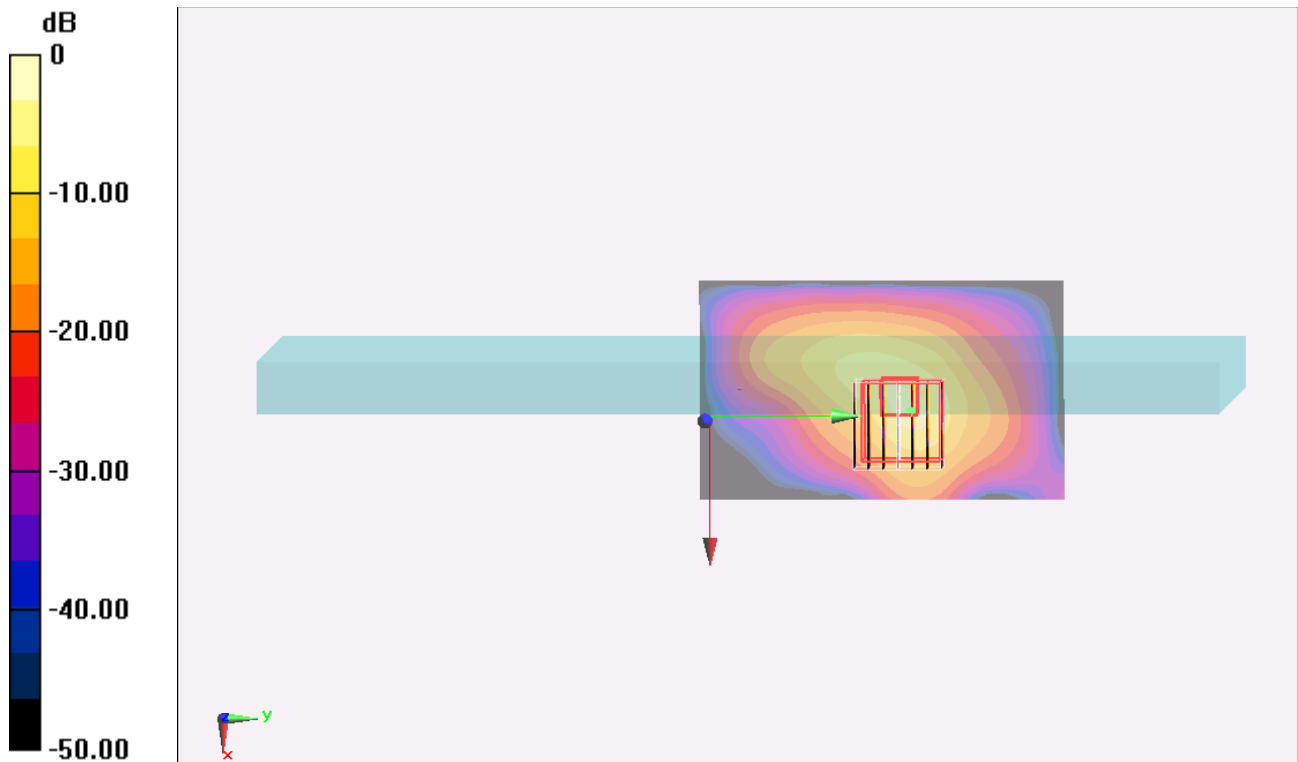
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.668 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.88 W/kg

**SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

### #04\_WLAN5GHz\_802.11a 6Mbps\_Edge 3\_0mm\_Ch140;Ant Aux

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.046

Medium: MSL\_5G\_150324 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.82$  S/m;  $\epsilon_r = 46.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch140/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.662 W/kg

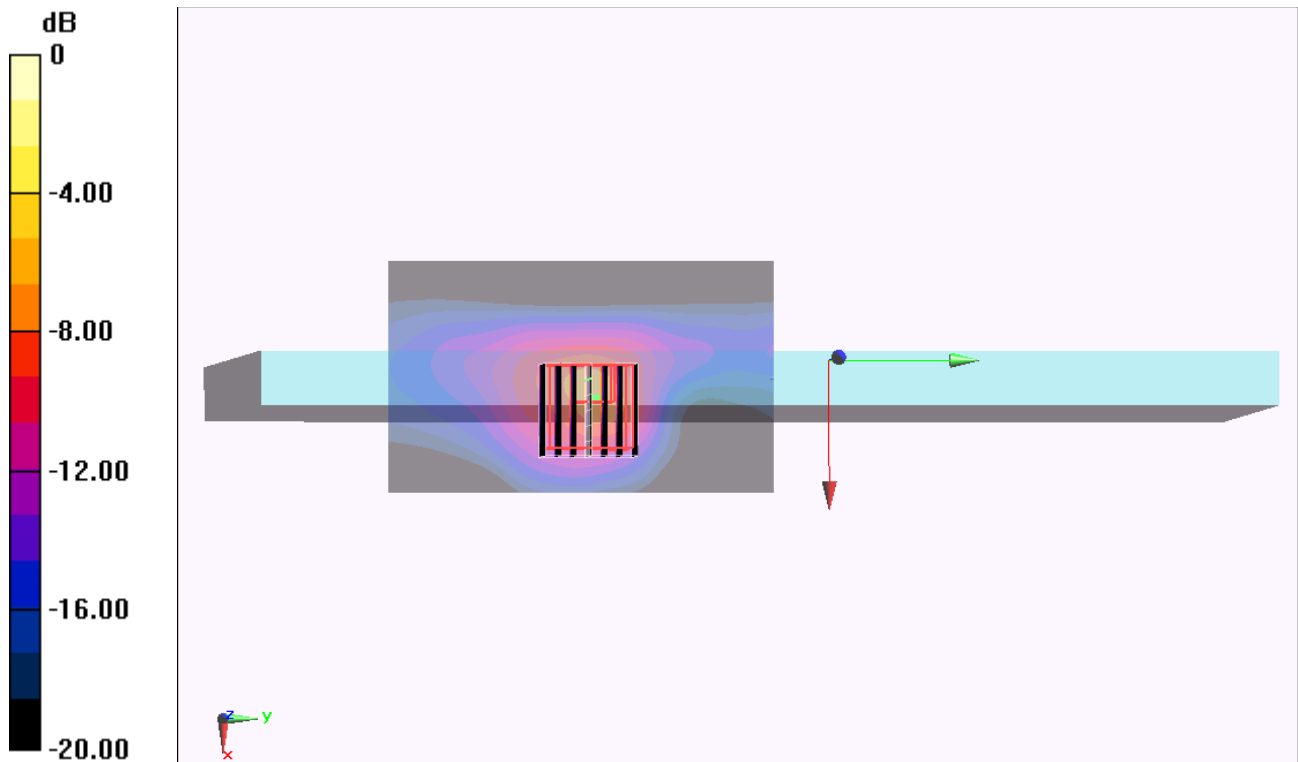
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.123 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.65 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 3.33 W/kg



0 dB = 3.33 W/kg = 5.22 dBW/kg

### #05\_WLAN5GHz\_802.11a 6Mbps\_Edge 3\_0mm\_Ch157;Ant Aux

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.046

Medium: MSL\_5G\_150325 Medium parameters used :  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.082 \text{ S/m}$ ;  $\epsilon_r = 46.937$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch157/Area Scan (61x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.671 \text{ W/kg}$

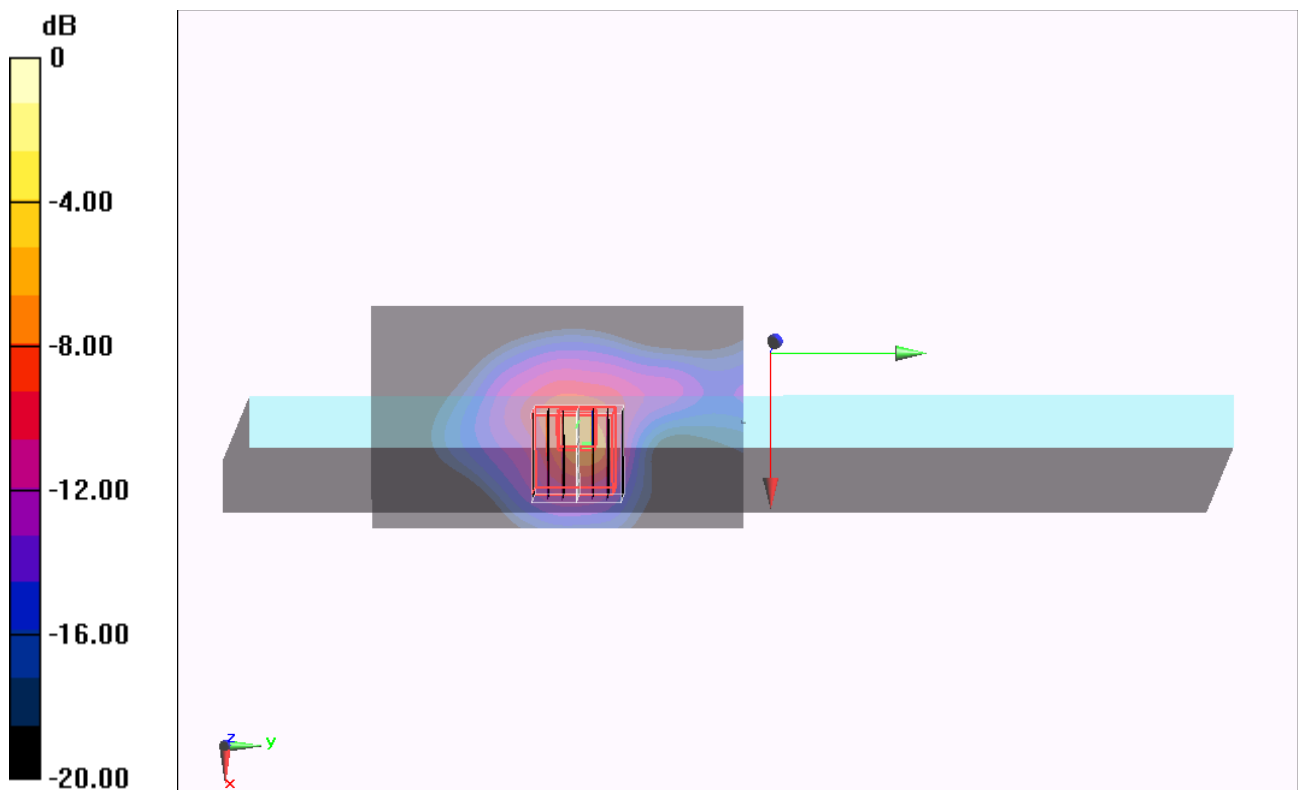
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $11.389 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

Peak SAR (extrapolated) =  $6.14 \text{ W/kg}$

**SAR(1 g) =  $1.05 \text{ W/kg}$ ; SAR(10 g) =  $0.184 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.17 \text{ W/kg}$



0 dB =  $3.17 \text{ W/kg}$  =  $5.01 \text{ dBW/kg}$

## #06\_Bluetooth\_1Mbps\_Edge 3\_0mm\_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL\_2450\_150326 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 51.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch78/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.254 W/kg

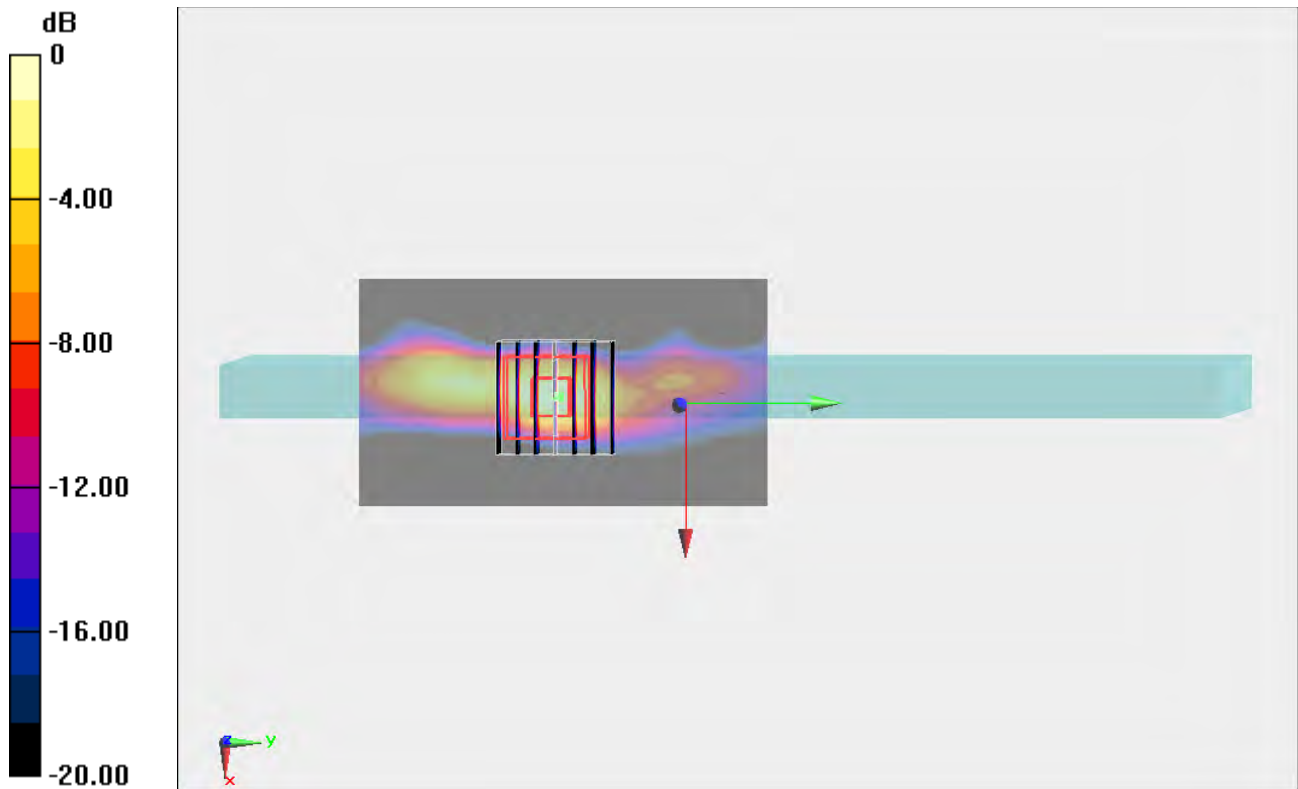
**Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.424 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.216 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg