



REPORT No. : SZ18010104S01

## Annex D Plots of Maximum SAR Test Results

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### WLAN 2.4GHz\_802.11 b 1Mbps\_Bottom Face\_0mm\_Ch1

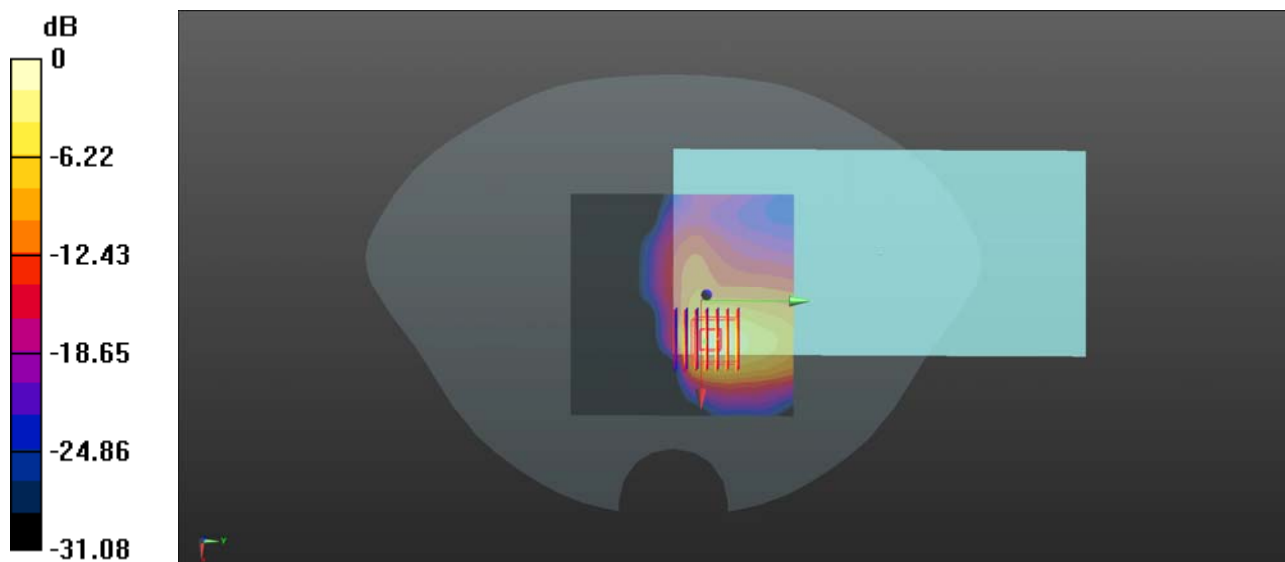
Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450\_180112 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.97$  S/m;  $\epsilon_r = 52.292$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.915 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.153 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 2.07 W/kg  
**SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.324 W/kg**  
Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.915 W/kg

### WLAN 2.4GHz\_802.11 g 6Mbps\_Bottom Face\_0mm\_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450\_180112 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.97$  S/m;  $\epsilon_r = 52.292$ ;  $\rho = 1000$  kg/m<sup>3</sup>

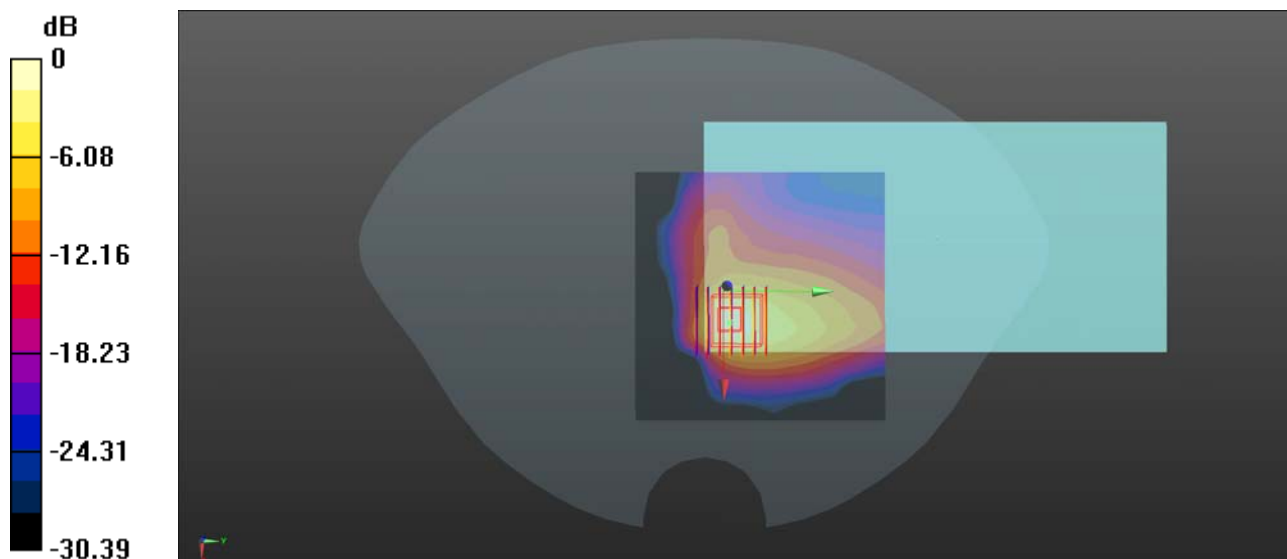
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.947 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.097 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 1.95 W/kg  
**SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.310 W/kg**  
Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 0.947 W/kg

## WLAN 2.4GHz\_802.11 b 1Mbps\_Bottom Face\_0mm\_Ch11\_Repeat SAR

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2462 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450\_180112 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.058$  S/m;  $\epsilon_r = 51.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

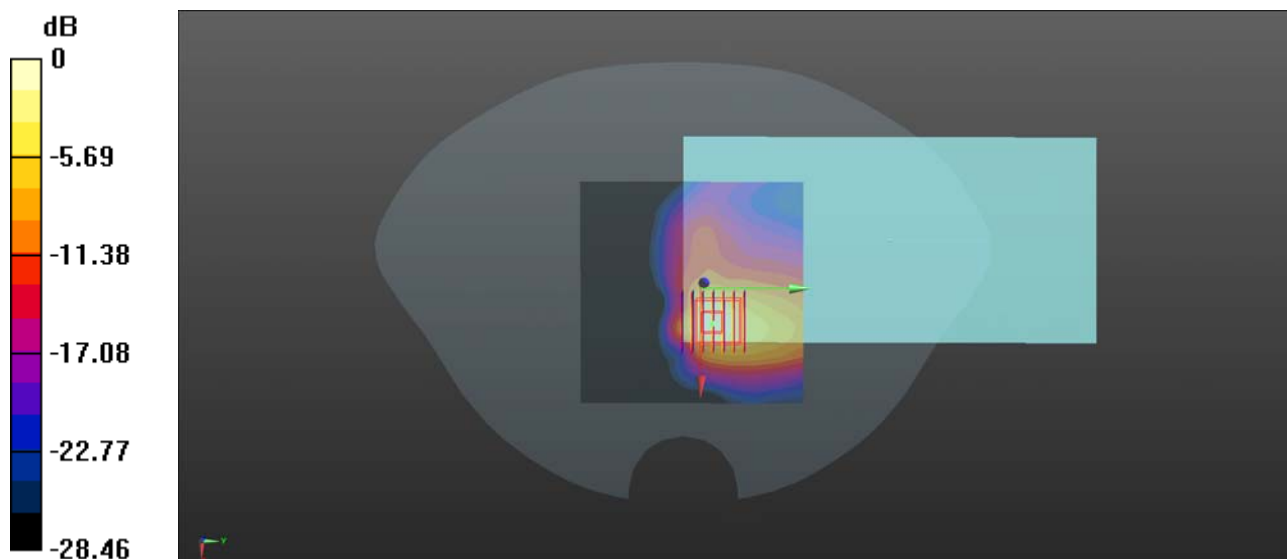
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.788 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 0.805 W/kg



0 dB = 0.909 W/kg