



REPORT No. : SZ19030444S01

## Annex D Plots of Maximum SAR Test Results

### WLAN2.4GHz\_802.11b 1Mbps\_Back Side\_10mm\_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.024  
Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon_r = 38.374$ ;  $\rho = 1000$  kg/m<sup>3</sup>

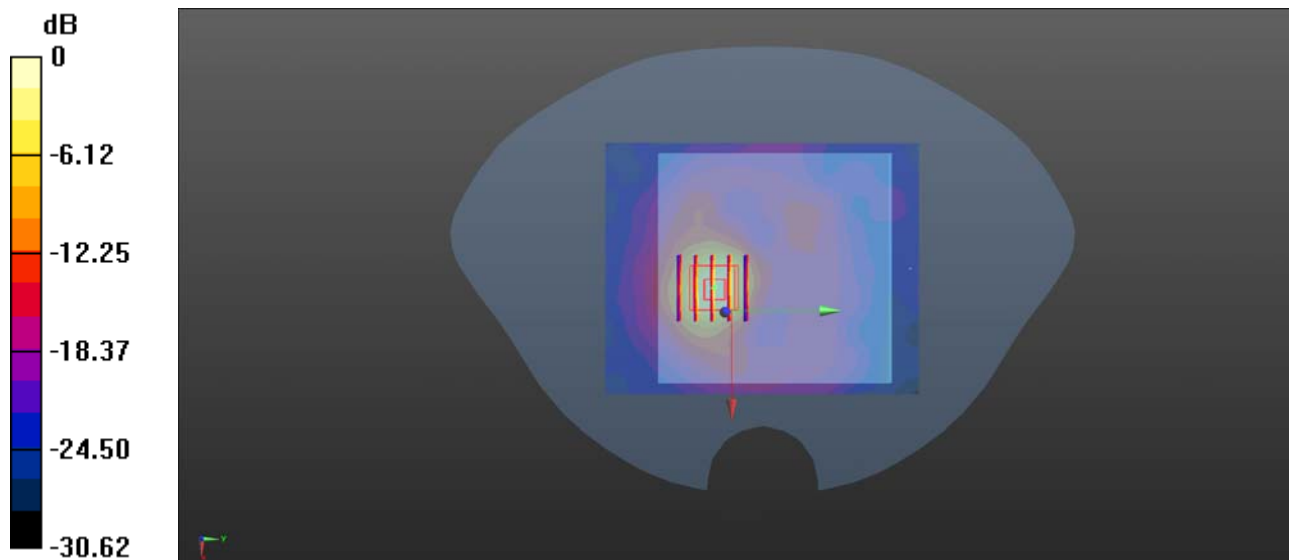
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.78 W/kg

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 4.371 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.32 W/kg  
**SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.268 W/kg**  
Maximum value of SAR (measured) = 0.78W/kg



0 dB = 0.78 W/kg

## WLAN2.4GHz\_802.11b 1Mbps\_Back Side\_5mm\_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 52.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- 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 (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.28 W/kg

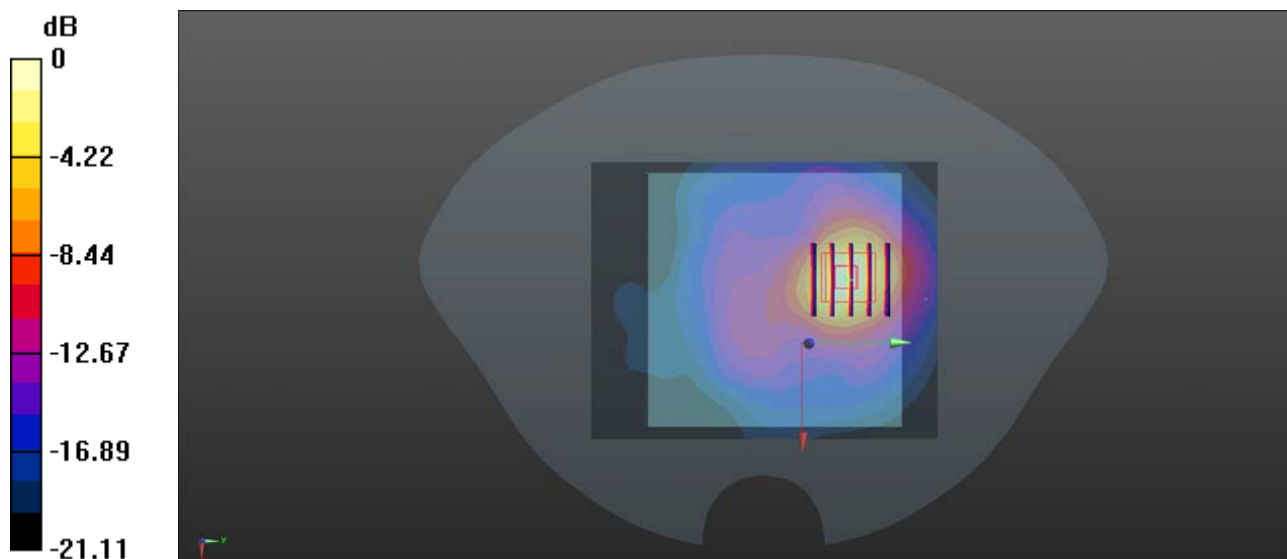
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.893 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.477 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.28 W/kg

## WLAN2.4GHz\_802.11b 1Mbps\_Back Side\_5mm\_Ch1\_Repeated

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 52.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- 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 (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

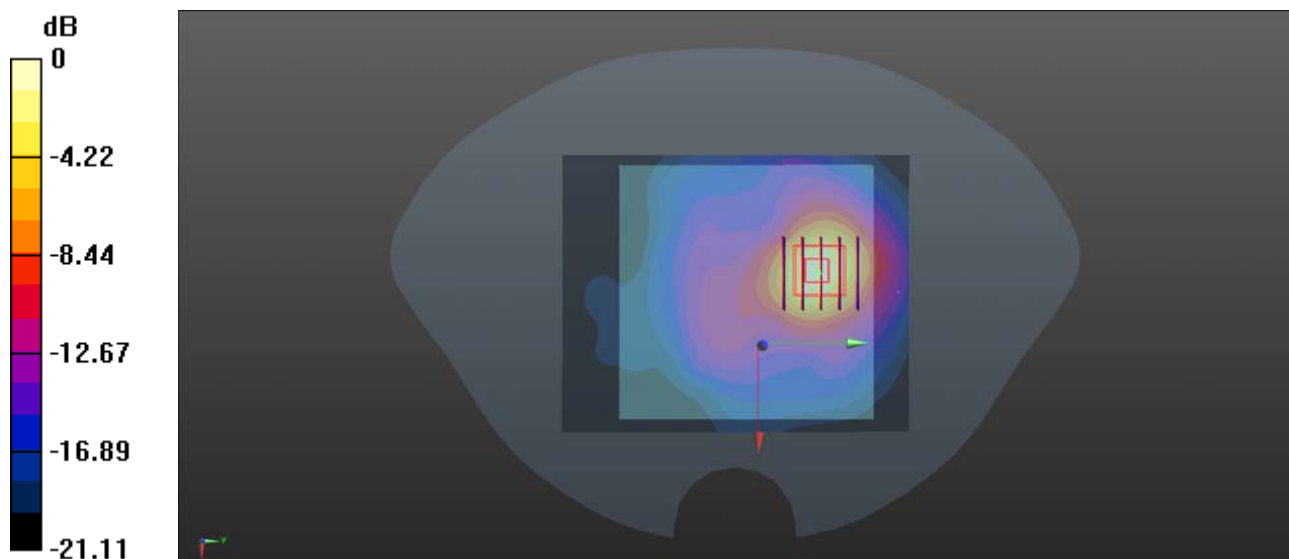
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.893 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2 W/kg

**SAR(1 g) = 1.00 W/kg; SAR(10 g) = 0.476 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.26 W/kg

### WLAN2.4GHz\_802.11b 1Mbps\_Back Side\_0mm\_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.024  
Medium: MSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.818$  S/m;  $\epsilon_r = 53.137$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.16 W/kg

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.198 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.35 W/kg

**SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.657 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg

