



REPORT No.: SZ22090321S01

## Annex D Plots of Maximum SAR Test Results

**WLAN 2.4GHz\_802.11b 1Mbps\_Bottom Surface 0mm\_Ch1**

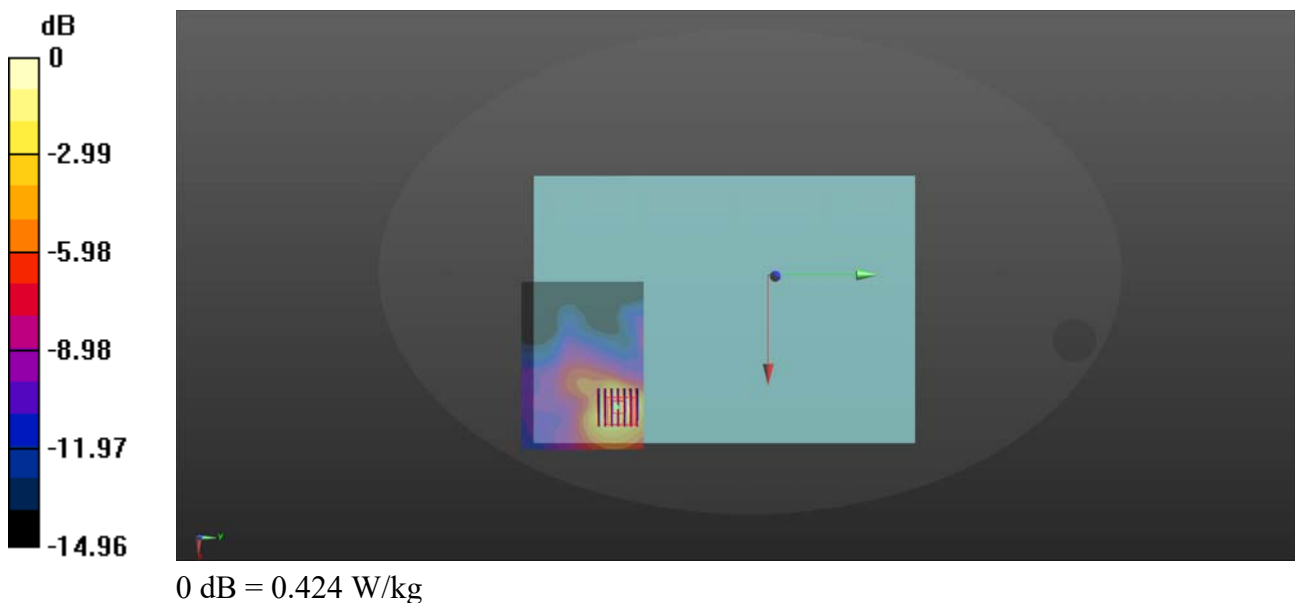
Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1.024  
Medium: HSL\_2450 Medium parameters used (interpolated):  $f = 2442$  MHz;  $\sigma = 1.808$  S/m;  $\epsilon_r = 38.829$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2450 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1/Area Scan (111x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.424 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.496 W/kg  
**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.154 W/kg**  
Maximum value of SAR (measured) = 0.381 W/kg



## WLAN 5.2GHz\_802.11a MCS 0\_Bottom Surface 0mm\_Ch48

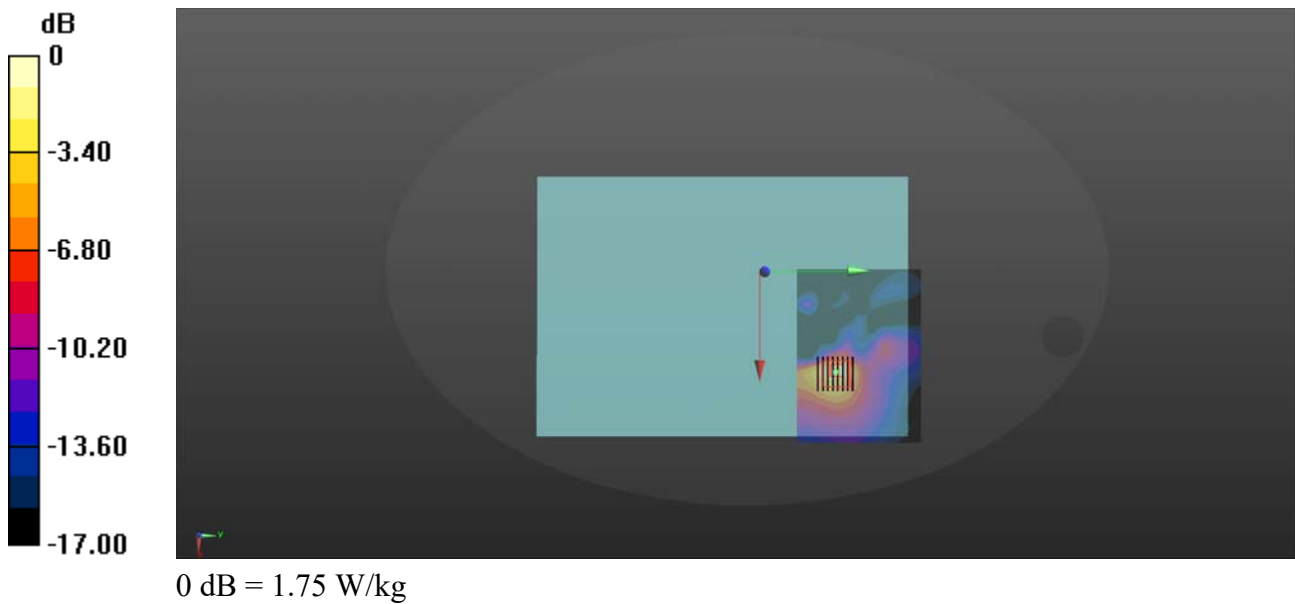
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.142  
Medium: HSL\_5250 Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.685 \text{ S/m}$ ;  $\epsilon_r = 36.07$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5250 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch48/Area Scan (141x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
Maximum value of SAR (interpolated) =  $1.75 \text{ W/kg}$

**Ch48/Zoom Scan (8x8x15)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$   
Reference Value =  $0 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$   
Peak SAR (extrapolated) =  $2.84 \text{ W/kg}$   
**SAR(1 g) =  $0.806 \text{ W/kg}$ ; SAR(10 g) =  $0.300 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $1.46 \text{ W/kg}$



## WLAN 5.3GHz\_802.11a MCS 0\_Bottom Surface 0mm\_Ch64

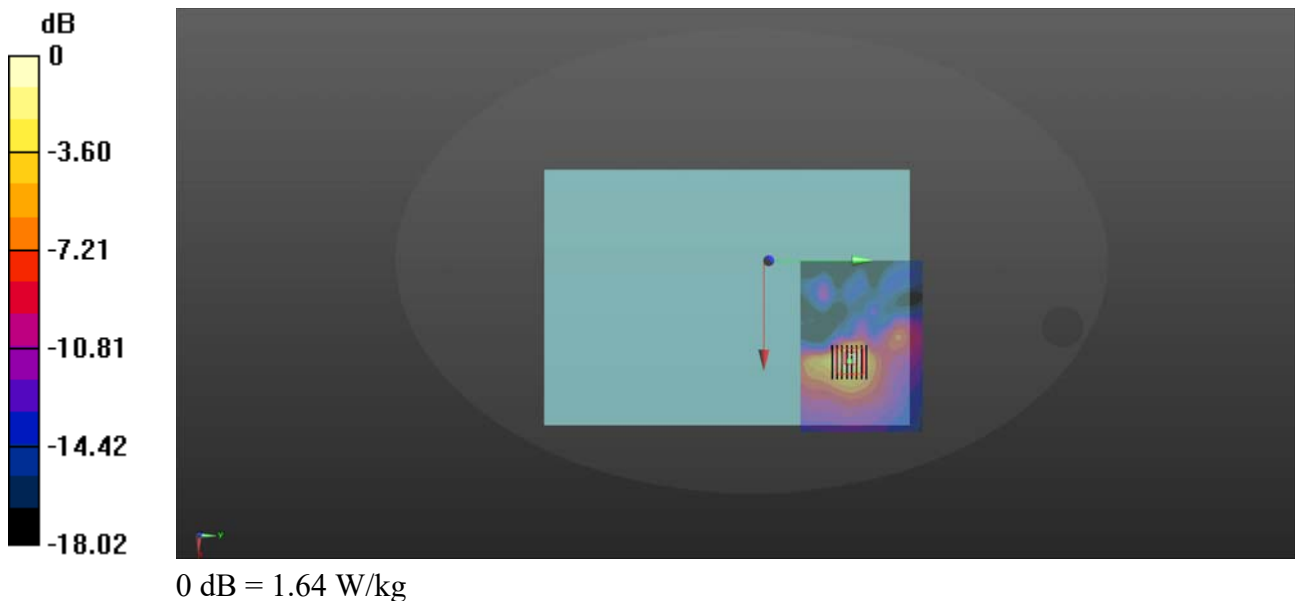
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5320 MHz; Duty Cycle: 1:1.142  
 Medium: HSL\_5250 Medium parameters used:  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.787 \text{ S/m}$ ;  $\epsilon_r = 35.947$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5250 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch64/Area Scan (141x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $1.64 \text{ W/kg}$

**Ch64/Zoom Scan (8x8x15)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$   
 Reference Value =  $1.487 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$   
 Peak SAR (extrapolated) =  $3.12 \text{ W/kg}$   
**SAR(1 g) =  $0.847 \text{ W/kg}$ ; SAR(10 g) =  $0.313 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.60 \text{ W/kg}$



## WLAN 5.5GHz\_802.11a MCS 0\_Bottom Surface 0mm\_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.142  
 Medium: HSL\_5600 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.007$  S/m;  $\epsilon_r = 35.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.74, 4.74, 4.74) @ 5600 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch100/Area Scan (141x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.66 W/kg

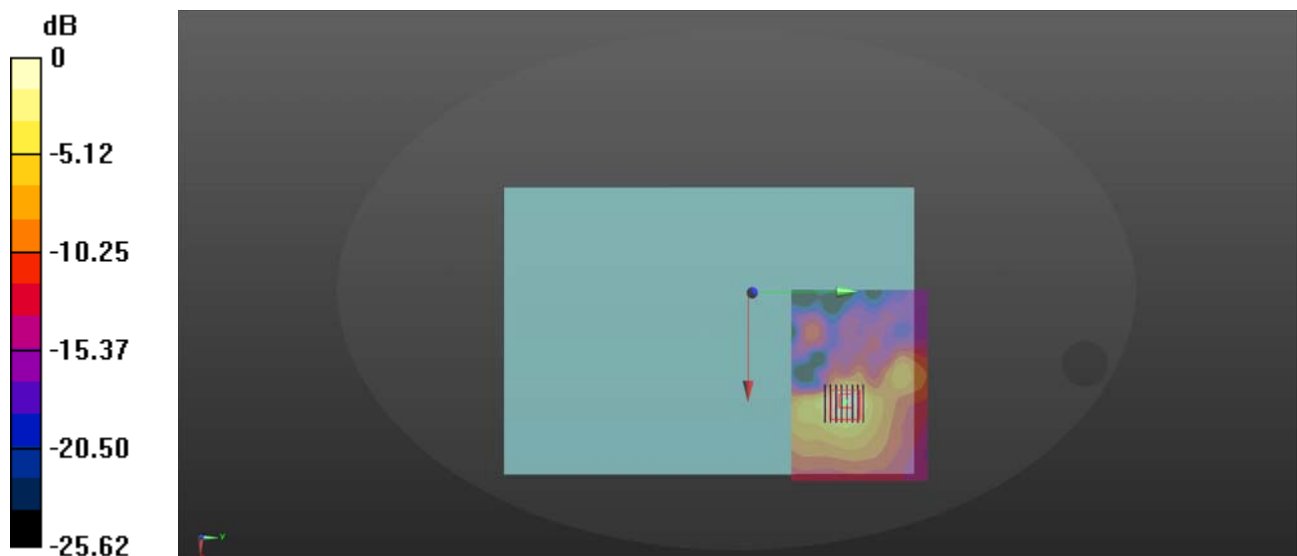
**Ch100/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.90 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.300 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.66 W/kg

## WLAN 5.8GHz\_802.11a MCS 0\_Bottom Surface 0mm\_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5750 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.388$  S/m;  $\epsilon_r = 35.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.61, 4.61, 4.61) @ 5825 MHz; Calibrated: 2022.03.04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch165/Area Scan (141x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

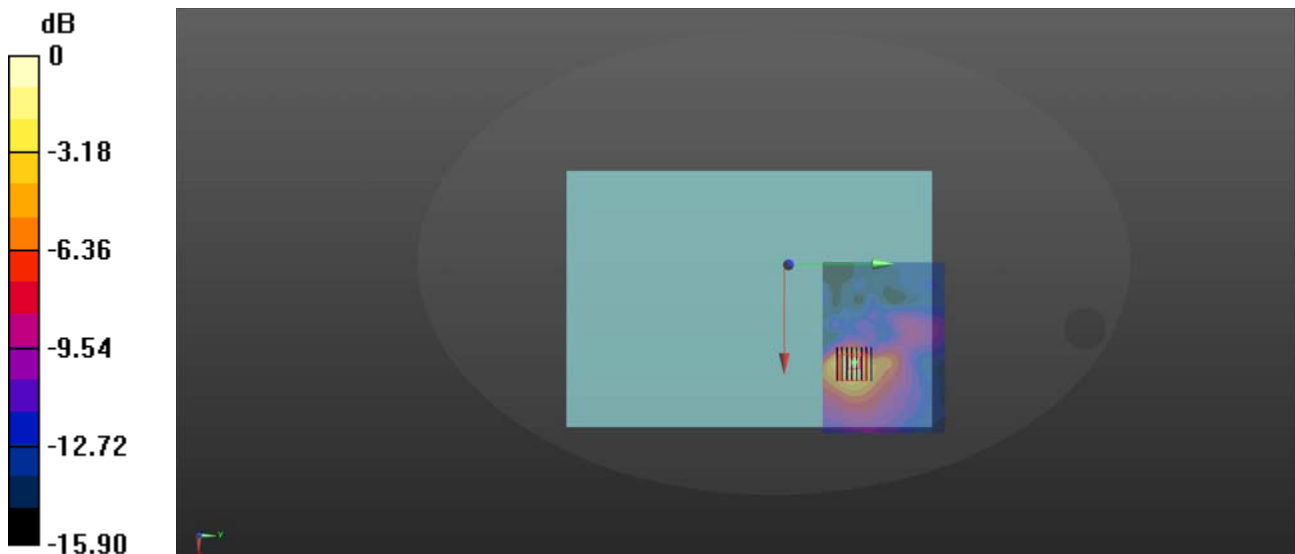
**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.466 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.37 W/kg

**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.273 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.42 W/kg