



REPORT No.: SZ22090340S01

## Annex D Plots of Maximum SAR Test Results

## WLAN 2.4GHz\_802.11b 1Mbps\_Edge 1\_0mm\_Ch13\_Ant 1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.834$  S/m;  $\epsilon_r = 38.696$ ;  $\rho = 1000$  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: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch13/Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.834 W/kg

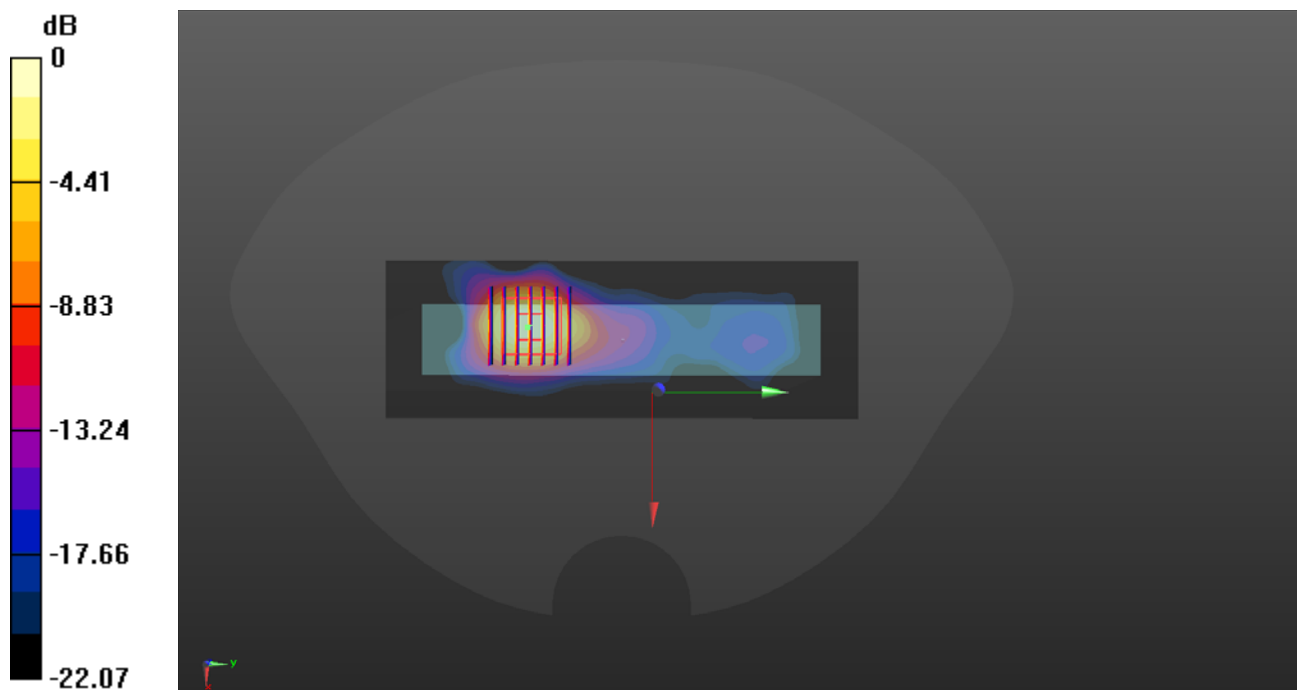
**Ch13/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.919 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.969 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.200 W/kg**

Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.714 W/kg

## WLAN 5.2GHz\_802.11ac-VHT20 MCS0\_Bottom Face\_0mm\_Ch48\_Ant 1

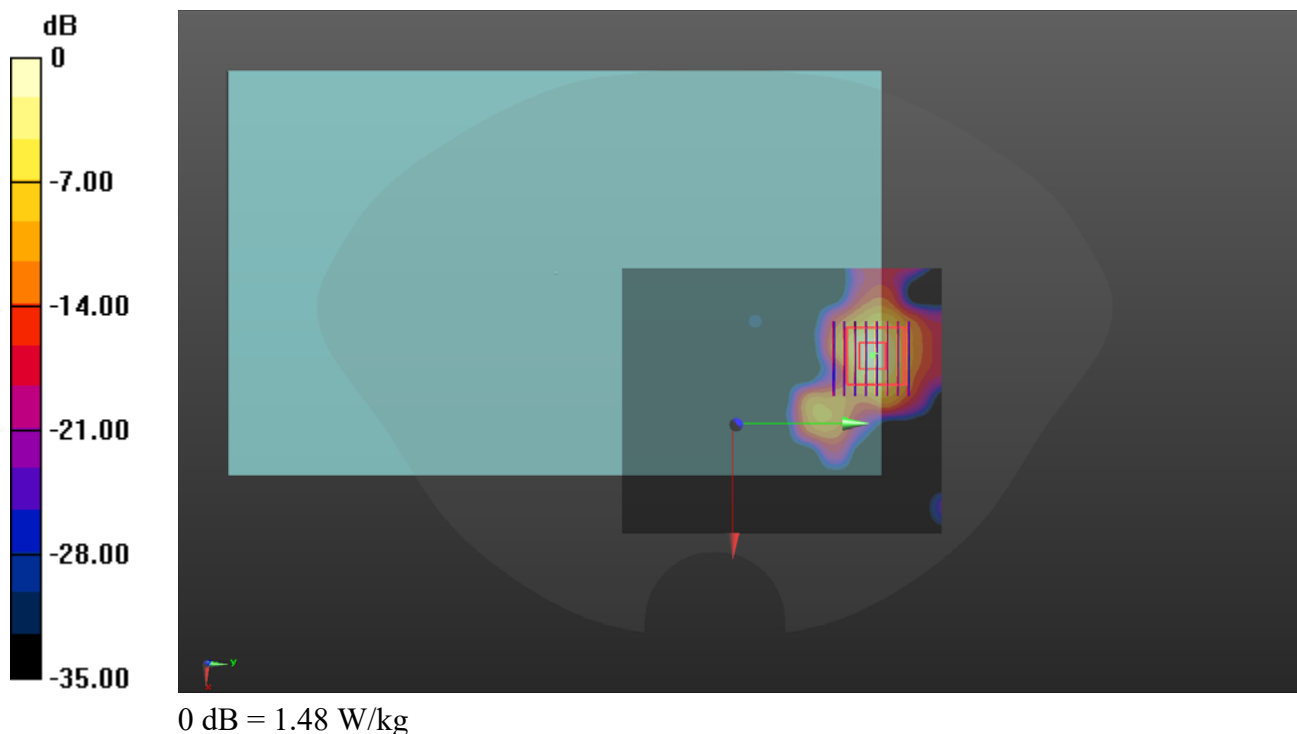
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1.030  
Medium: HSL\_5250 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.685$  S/m;  $\epsilon_r = 36.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### 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: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch48/Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.47 W/kg

**Ch48/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 3.00 W/kg  
**SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.181 W/kg**  
Maximum value of SAR (measured) = 1.48 W/kg



## WLAN 5.8GHz\_802.11a 6Mbps\_Edge 1\_0mm\_Ch149\_Ant 1

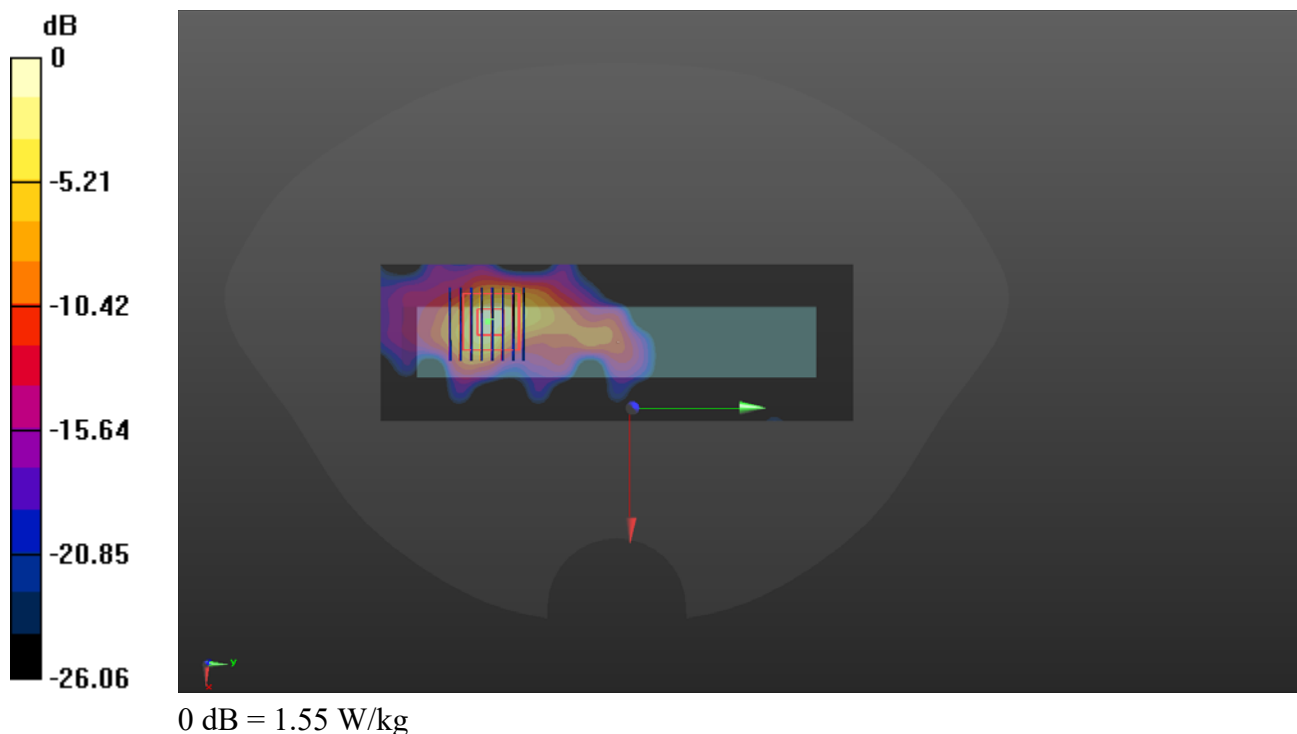
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.029  
Medium: HSL\_5750 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.291$  S/m;  $\epsilon_r = 35.168$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.45, 4.45, 4.45) @ 5750 MHz; Calibrated: 2022.03.04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch149/Area Scan (61x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.60 W/kg

**Ch149/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 2.497 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 3.14 W/kg  
**SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.195 W/kg**  
Maximum value of SAR (measured) = 1.55 W/kg



## Bluetooth\_DH5\_Edge 4\_0mm\_Ch39\_Ant 0

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.298  
Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 38.83$ ;  $\rho = 1000$  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) @ 2441 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch39/Area Scan (51x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.189 W/kg

**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.244 W/kg  
**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.049 W/kg**  
Maximum value of SAR (measured) = 0.177 W/kg

