



REPORT No.: SZ20070154S01

## Annex D Plots of Maximum SAR Test Results

**WLAN2.4G\_802.11b 1Mbps\_Front Side\_5mm\_Ch1**

Communication System: UID 0, WiFi (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  S/m;  $\epsilon_r = 39.04$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.298 W/kg

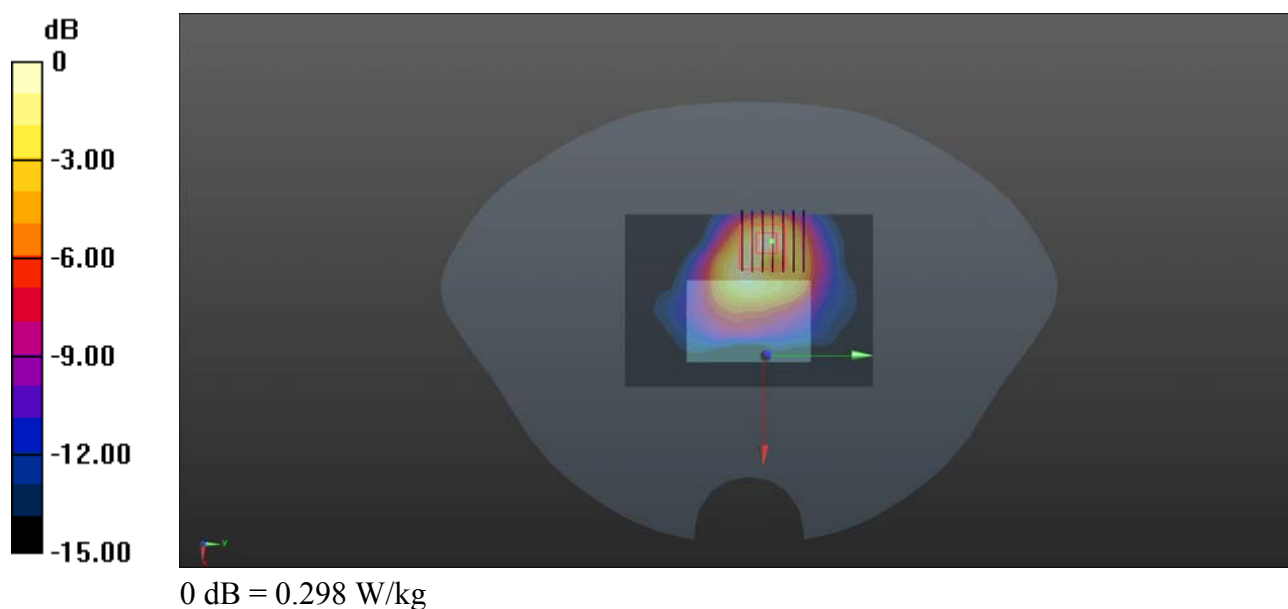
**CH1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.485 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.440 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.312 W/kg



## Bluetooth\_DH5 1Mbps\_Front Side\_5mm\_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:3.1492

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 : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.11 (7439)

**Ch39/Area Scan (61x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0112 W/kg

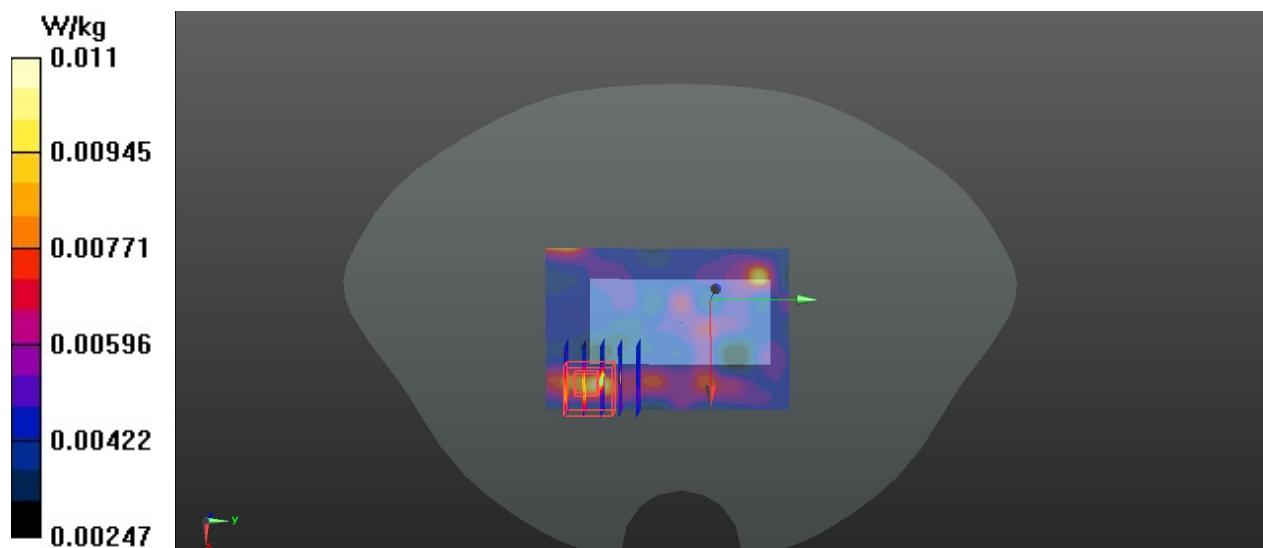
**Ch39/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.419 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0510 W/kg

**SAR(1 g) = 0.02663 W/kg; SAR(10 g) = 0.00658 W/kg**

Maximum value of SAR (measured) = 0.0509 W/kg



**WLAN2.4G\_802.11b 1Mbps\_Back Side\_0mm\_Ch1**

Communication System: UID 0, WiFi (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  S/m;  $\epsilon_r = 39.04$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0475 W/kg

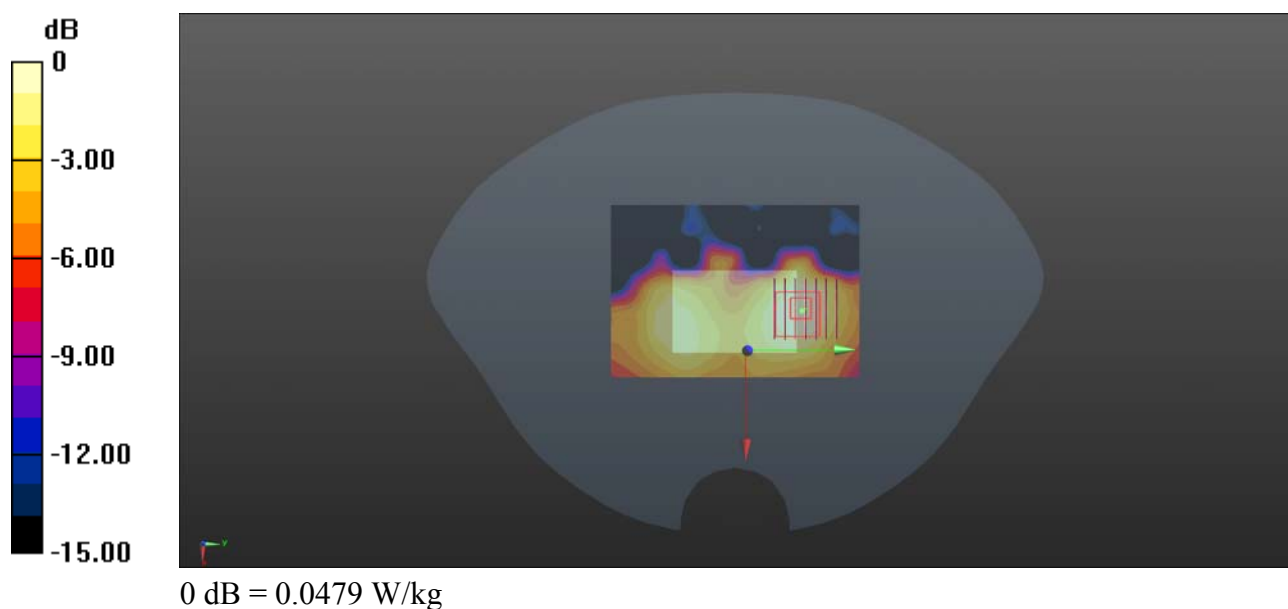
**CH1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.192 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0630 W/kg

**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0479 W/kg



## Bluetooth\_DH5 1Mbps\_Back Side\_0mm\_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:3.1492

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 : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.11 (7439)

**Ch39/Area Scan (61x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0144 W/kg

**Ch39/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.8090 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0170 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.0093 W/kg**

Maximum value of SAR (measured) = 0.0129 W/kg

