

Annex B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

P01 WLAN2.4G_802.11b_Rear Face_0mm_Ch6_Ant 0

DUT: P21070045

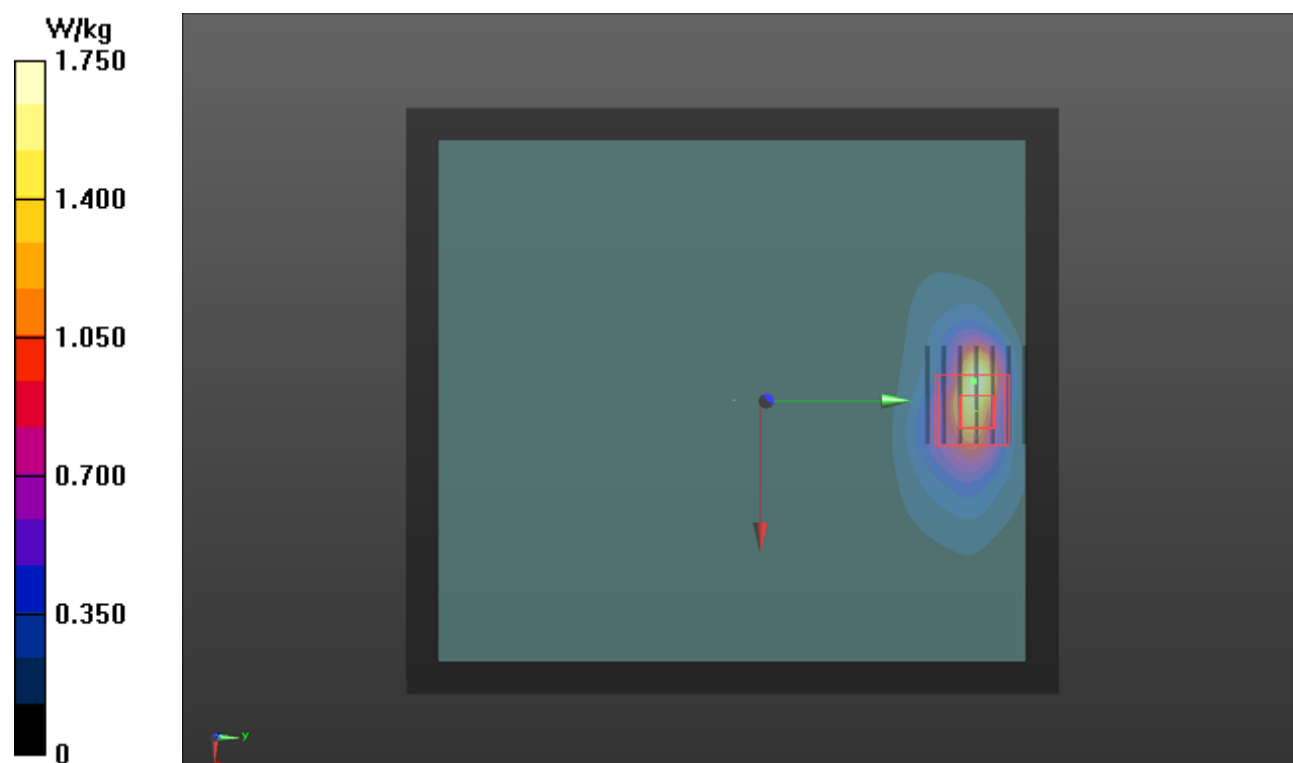
Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: H19T27N1_0806 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.885$ S/m;
 $\epsilon_r = 38.326$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2437 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (151x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.36 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.381 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 35.8%
Maximum value of SAR (measured) = 2.01 W/kg



P02 WLAN5.2_802.11ac VHT40_Rear Face_0mm_Ch46_Ant 0

DUT: P21070045

Communication System: UID 10534 - AAC, IEEE 802.11ac WiFi (40MHz, MCS0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0806 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.651$ S/m; $\epsilon_r = 36.741$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.71, 4.71, 4.71) @ 5230 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (161x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.379 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.545 V/m; Power Drift = -0.17 dB

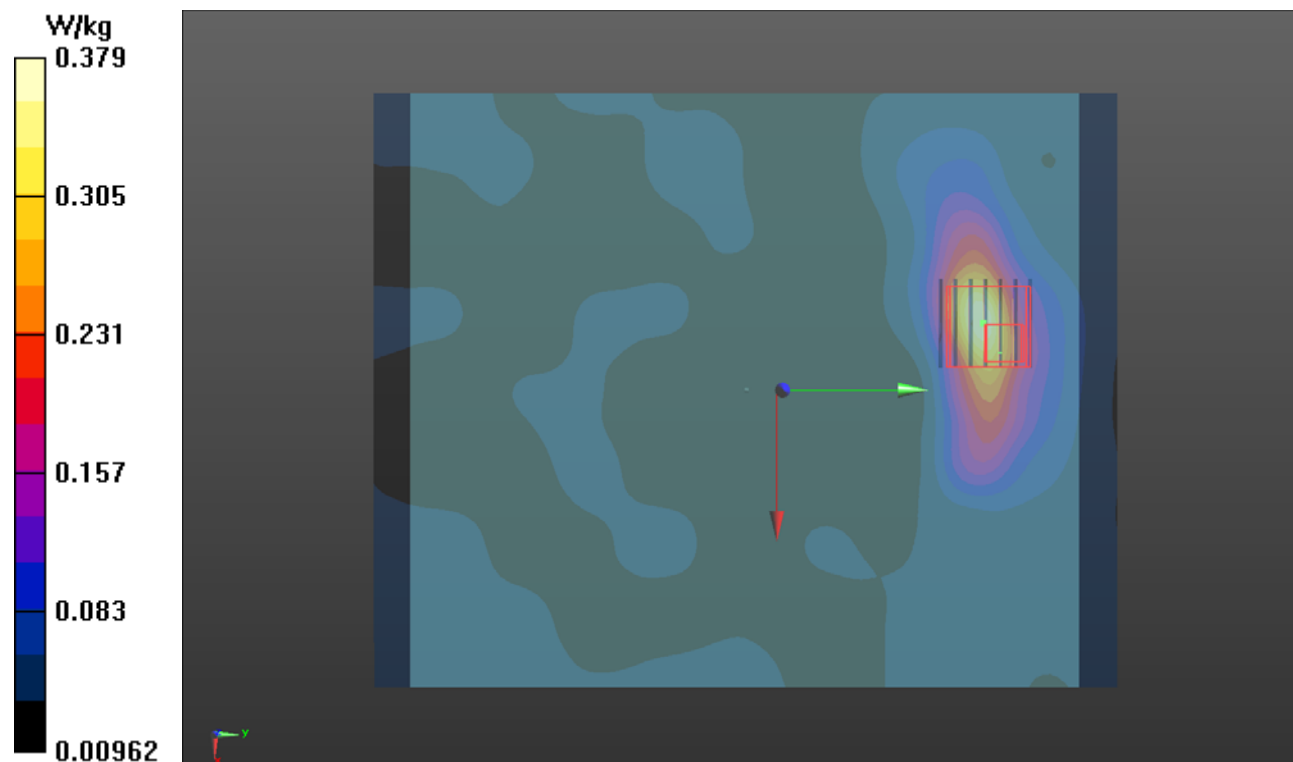
Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.143 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 1.07 W/kg



P03 WLAN5.8_802.11ac VHT80_Rear Face_0mm_Ch155_Ant 0

DUT: P21070045

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0806 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.1$ S/m; $\epsilon_r = 36.276$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.36, 4.36, 4.36) @ 5775 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (161x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.72 V/m; Power Drift = -0.06 dB

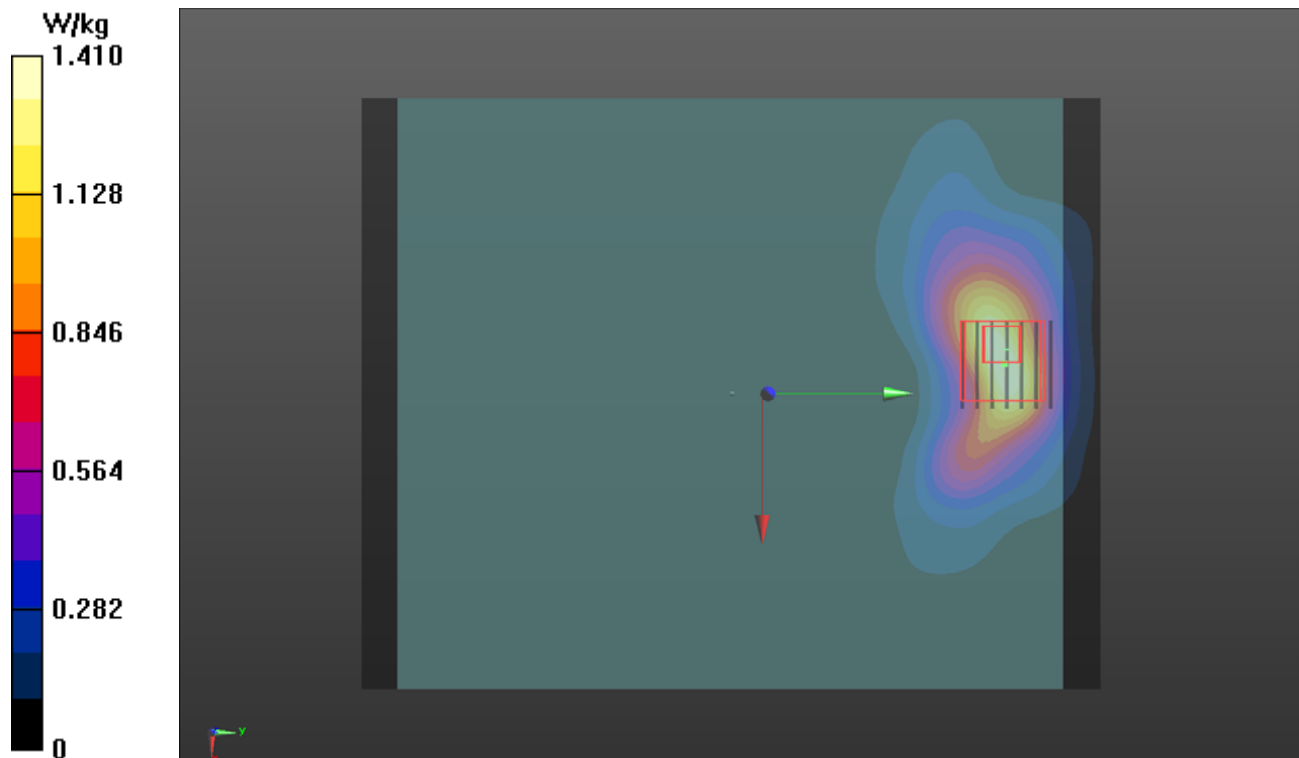
Peak SAR (extrapolated) = 6.00 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.358 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 3.36 W/kg



P04 BT_BDR_Rear Face_0mm_Ch39_Ant 0

DUT: P21070045

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.31

Medium: H19T27N1_0806 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 38.306$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2441 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (151x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.439 W/kg

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

Reference Value = 9.792 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.089 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 34.4%

Maximum value of SAR (measured) = 0.510 W/kg

