Appendix 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_Ch11_Ant 2_Keyboard_w_o

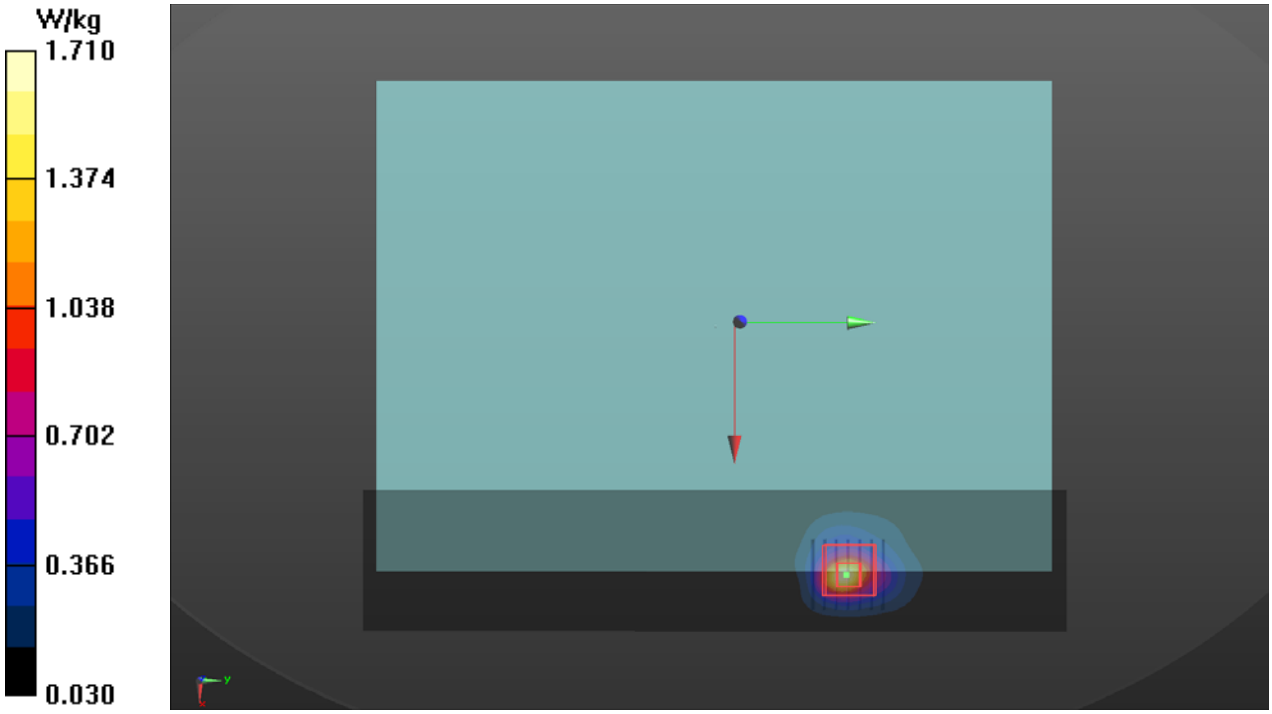
DUT: BEDV-WTW-P21031191

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);
Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: H19T27N1_0510 Medium parameters used: f = 2462 MHz; σ = 1.895 S/m; ε_r = 39.249; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2462 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x251x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.50 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.490 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 42.5%
Maximum value of SAR (measured) = 2.19 W/kg



P02 WLAN5.2G_802.11ac VHT80_Top Side_0mm_Ch42_Ant 1_Keyboard_w_o

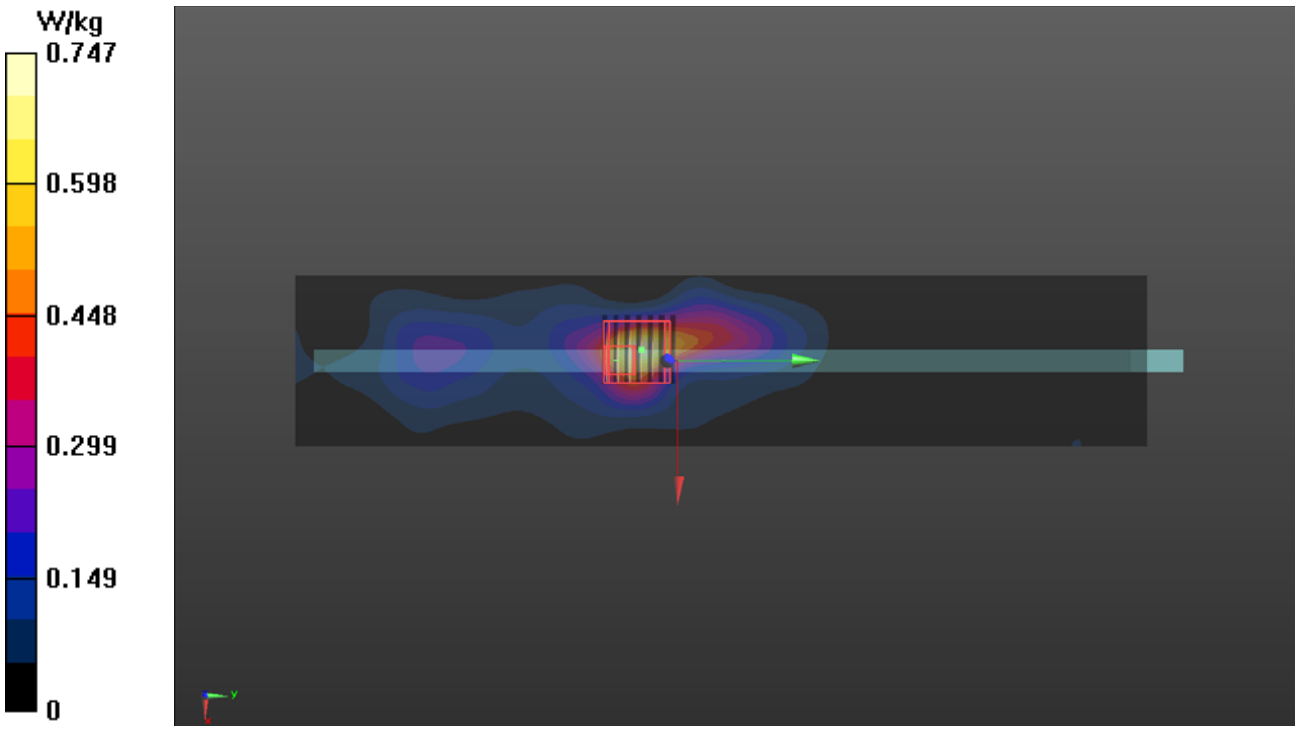
DUT: BEDV-WTW-P21031191

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5210 MHz;Duty Cycle: 1:1.07
Medium: H34T60N1_0628 Medium parameters used (interpolated): f = 5210 MHz; σ = 4.486 S/m; ε_r = 37.152; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3887; ConvF(4.71, 4.71, 4.71) @ 5210 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_1043_P1aP2a; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.747 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.97 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 5.84 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.214 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 = 63.2%
Maximum value of SAR (measured) = 3.39 W/kg



P03 WLAN5.3G_802.11ac VHT80_Top Side_0mm_Ch58_Ant 1_Keyboard_w_o

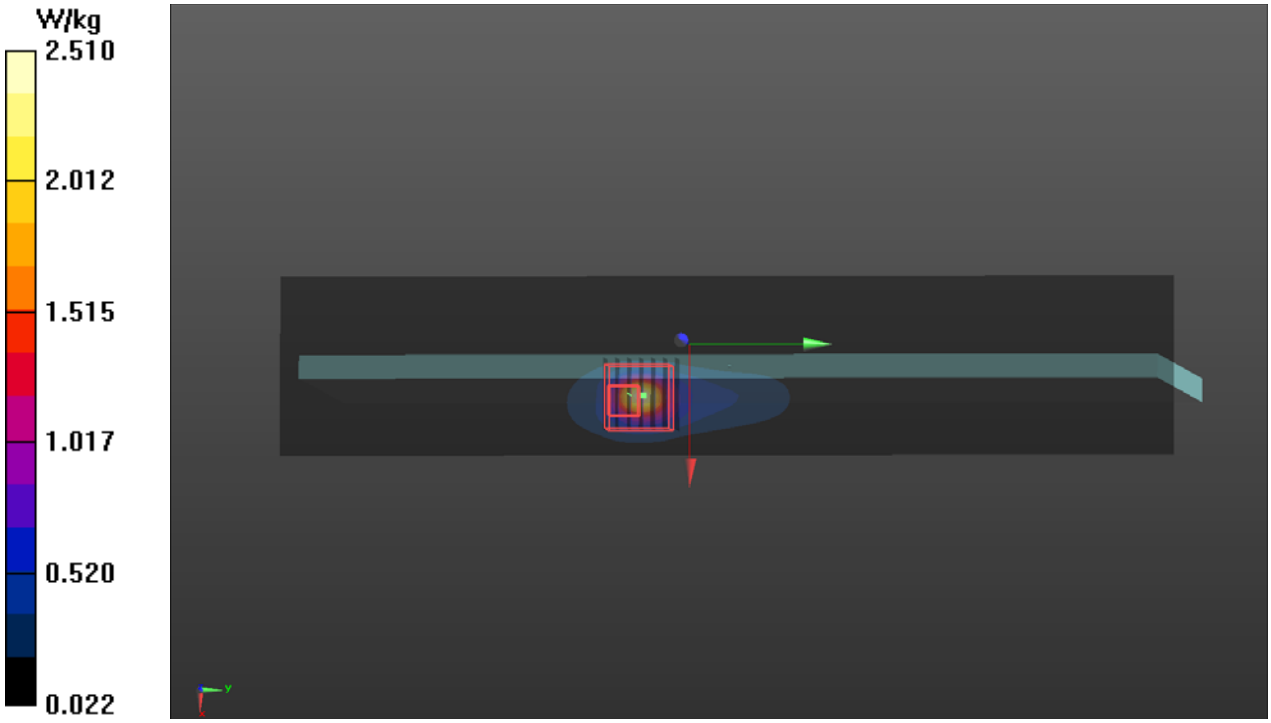
DUT: BEDV-WTW-P21031191

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5290 MHz;Duty Cycle: 1:1.07
Medium: H34T60N1_0518 Medium parameters used: f = 5290 MHz; σ = 4.754 S/m; ε_r = 36.198; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(5.2, 5.2, 5.2) @ 5290 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.51 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.22 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 5.82 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.275 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 64.2%
Maximum value of SAR (measured) = 2.95 W/kg



P04 WLAN5.6G_802.11ac VHT80_Top Side_0mm_Ch138_Ant 1_Keyboard_w

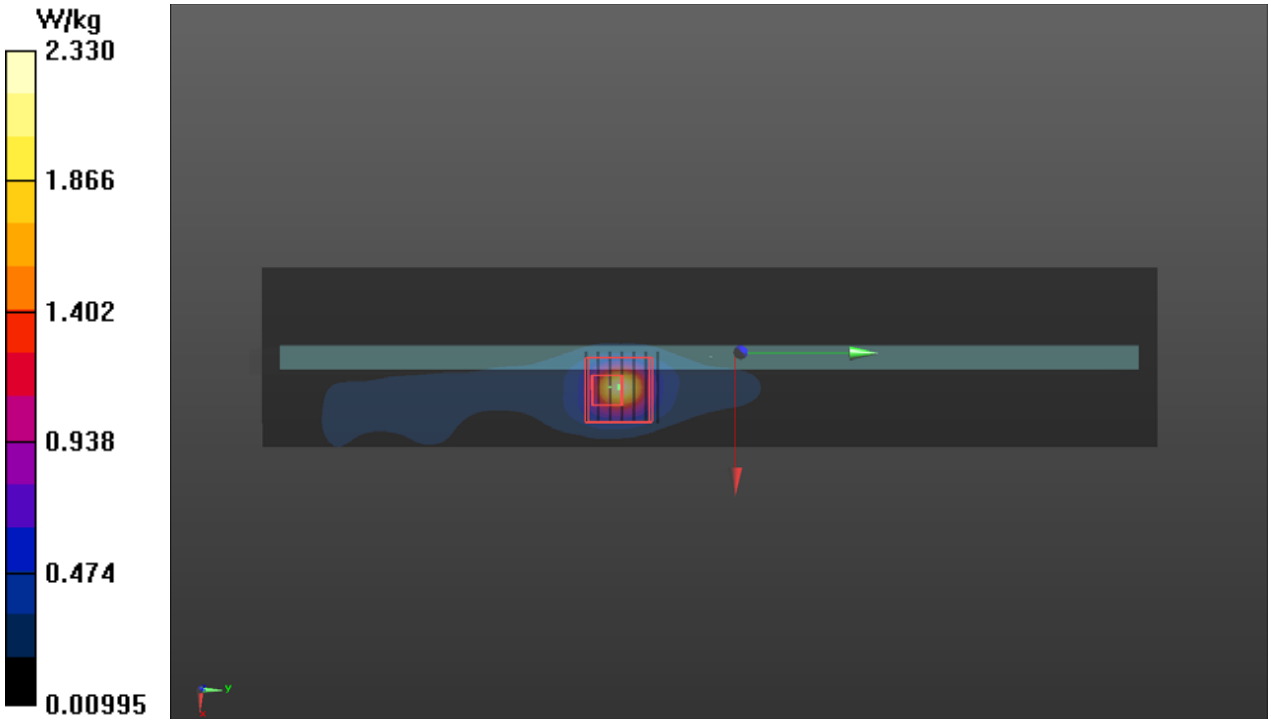
DUT: BEDV-WTW-P21031191

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5690 MHz;Duty Cycle: 1:1.07
Medium: H34T60N1_0518 Medium parameters used: f = 5690 MHz; σ = 5.224 S/m; ε_r = 35.502; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(4.95, 4.95, 4.95) @ 5690 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.33 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.53 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 5.91 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.242 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 3.16 W/kg



P05 WLAN5.8G_802.11ac VHT80_Top Side_0mm_Ch155_Ant 1_Keyboard_w_o

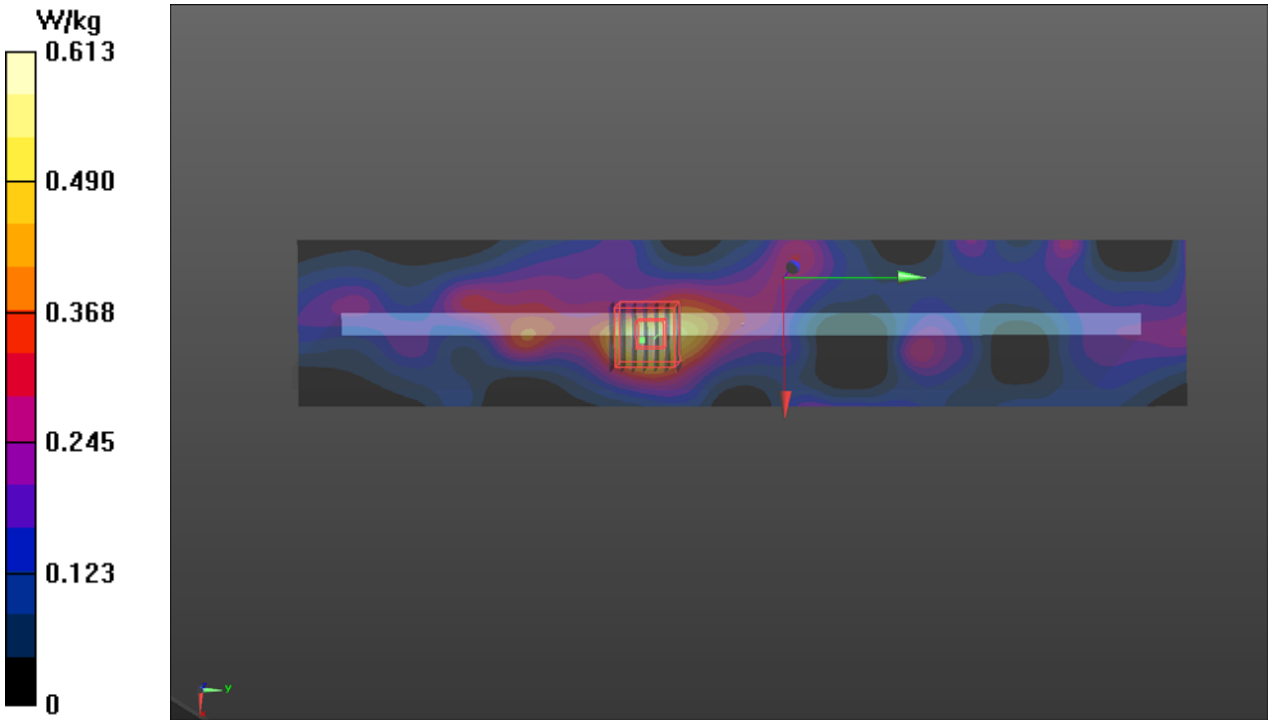
DUT: BEDV-WTW-P21031191

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz;Duty Cycle: 1:1.07
Medium: H34T60N1_0611 Medium parameters used: f = 5775 MHz; σ = 5.038 S/m; ε_r = 33.736; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃ ; Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.613 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.64 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.23 W/kg
SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.184 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 59.1%
Maximum value of SAR (measured) = 2.56 W/kg



P06 BT_BDR_Rear Face_0mm_Ch78_Ant 1_Keyboard_w_o

DUT: BEDV-WTW-P21031191

Communication System: UID 10035 - CAA, IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5);
Frequency: 2480 MHz;Duty Cycle: 1:1.3
Medium: H19T27N1_0512 Medium parameters used: f = 2480 MHz; σ = 1.907 S/m; ε_r = 38.828; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.69, 7.69, 7.69) @ 2480 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/03/23
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x251x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.224 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.27 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 38.6%
Maximum value of SAR (measured) = 0.352 W/kg