Test Laboratory: BTL Inc. Date: 2020/01/13

T17_802.11b_CH11_Horizontal Down-0°-1_0.5cm_Ant 1

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

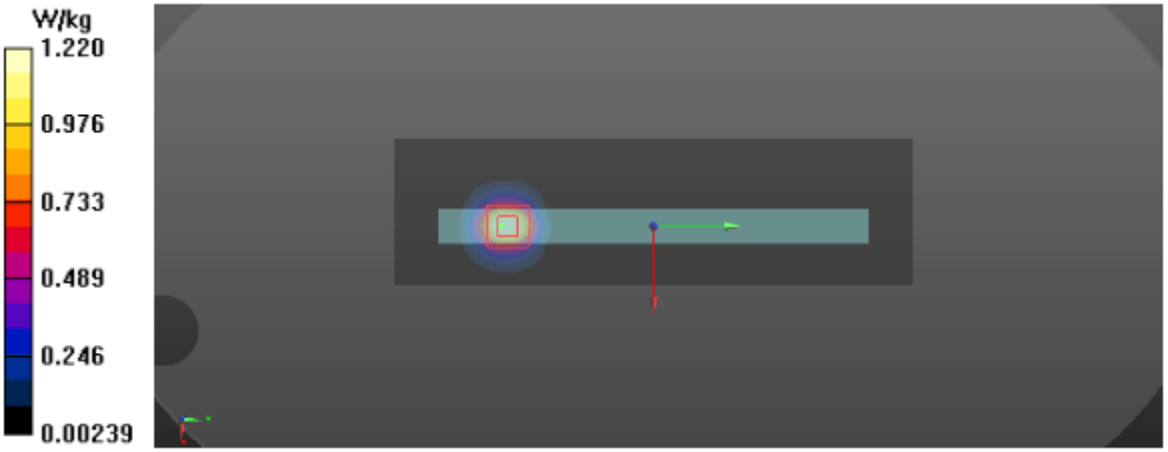
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.887 S/m; ε_r = 38.247; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.58, 7.58, 7.58) @ 2462 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x23x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/13

T19_802.11n40_CH3_Horizontal Down-0°-1_0.5cm_Ant 1+2

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

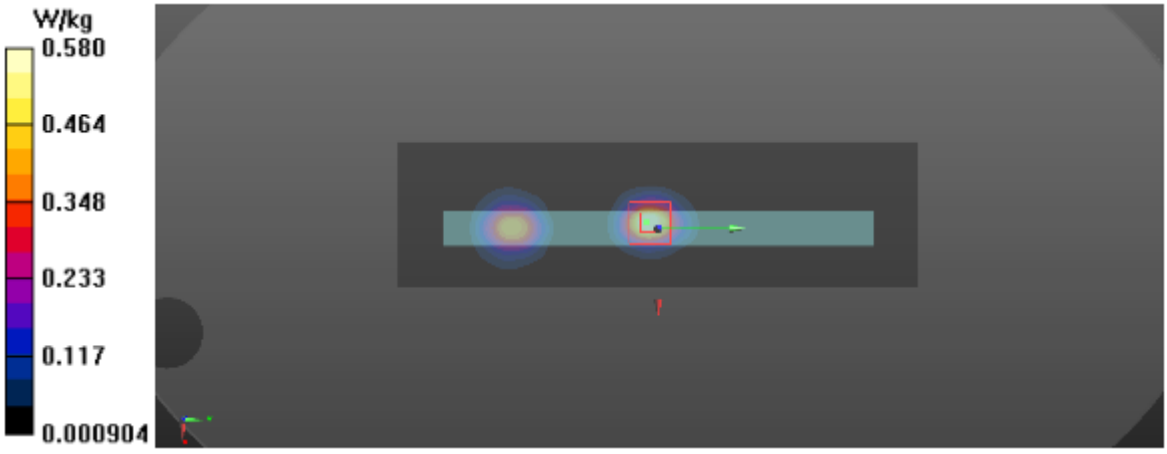
Communication System: UID 0, IEEE 802.11n(HT40,13.5Mbps,BPSK) (0); Frequency: 2422 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.842 S/m; ε_r = 38.39; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.58, 7.58, 7.58) @ 2422 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x23x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.655 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.88 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.580 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/10

T52_802.11a_CH52_Vertical Back-0°-3_0.5cm_Ant 1

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

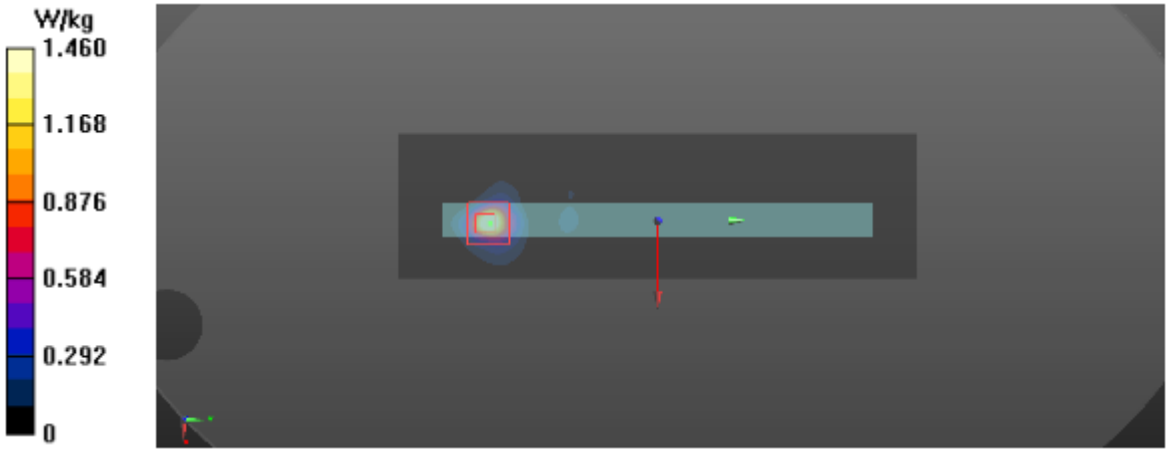
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.76 S/m; ε_r = 36.059; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.21, 5.21, 5.21) @ 5260 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x28x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.78 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8730 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.26 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/11

T71_802.11a_CH140_Horizontal Down-0°-1_0.5cm_Ant 1

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

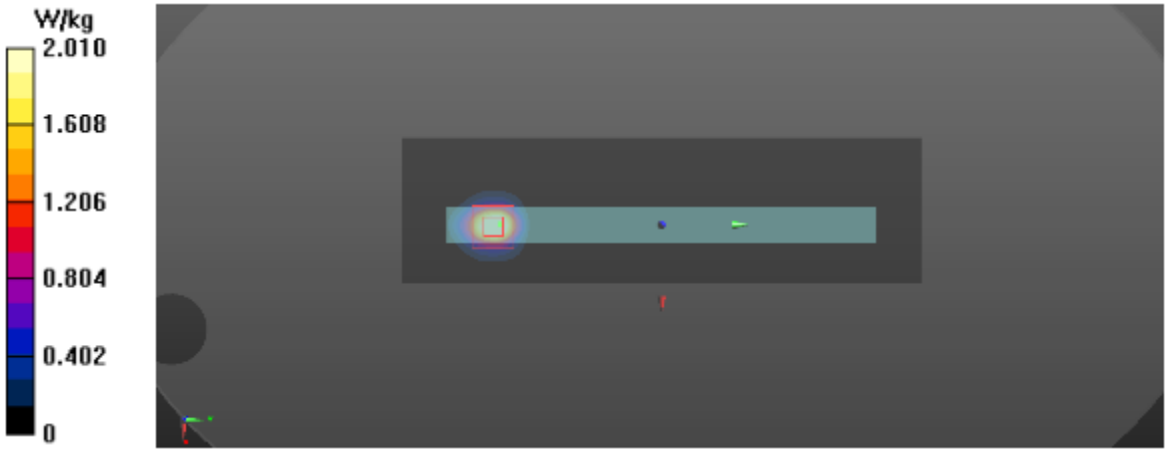
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5700 MHz; σ = 5.282 S/m; ε_r = 35.023; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.81, 4.81, 4.81) @ 5700 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x28x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.37 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.576 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.348 W/kg
Maximum value of SAR (measured) = 2.01 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/12

T88_802.11a_CH149_Vertical Front-0°-2_0.5cm_Ant 1

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

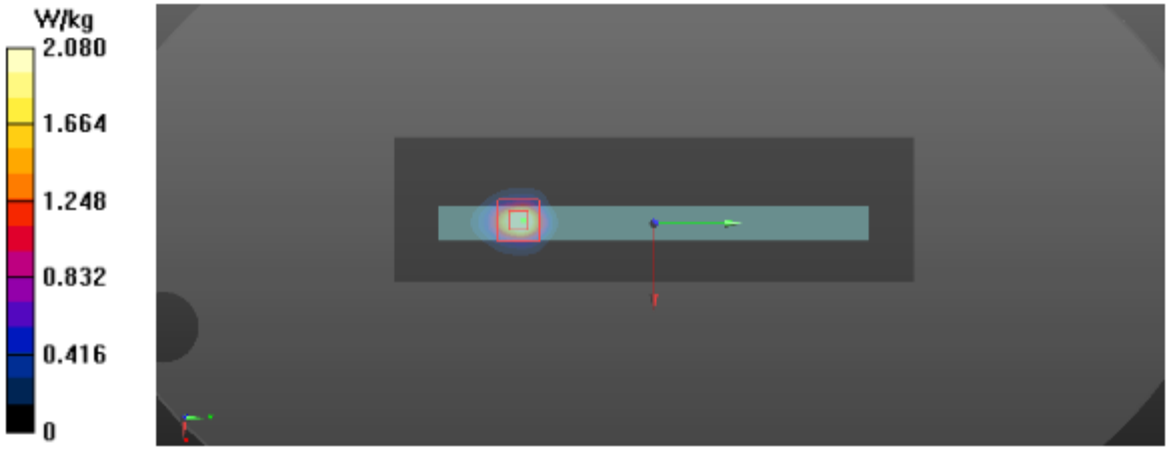
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.334 S/m; ε_r = 34.867; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.75, 4.75, 4.75) @ 5745 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x28x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7780 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 6.14 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.340 W/kg
Maximum value of SAR (measured) = 2.08 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/10

T95_802.11ac80_CH58_Horizontal Up-90°-2_0.5cm_Ant 1+2

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

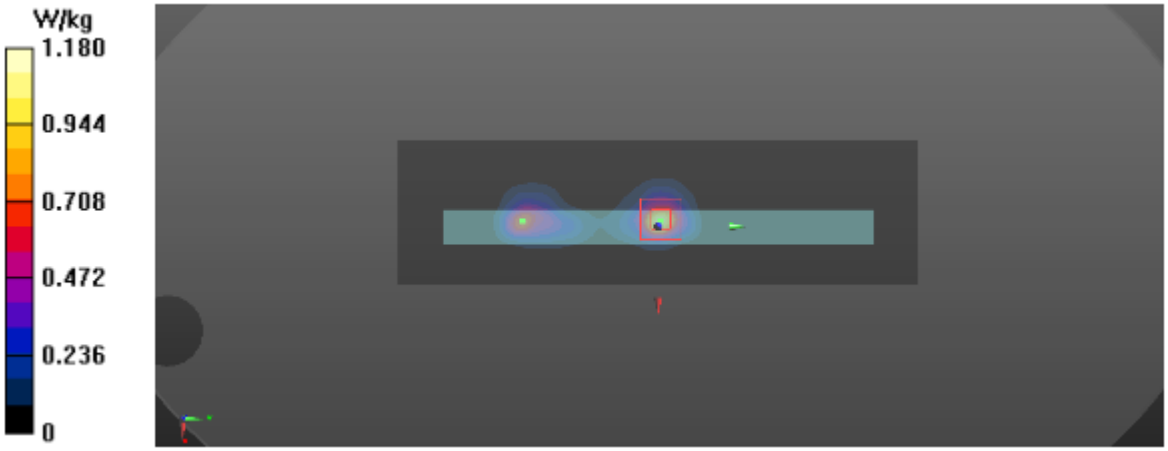
Communication System: UID 0, IEEE 802.11ac WIFI (80MHz,64-QAM,99pc duty cycle) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.8 S/m; ε_r = 35.957; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.21, 5.21, 5.21) @ 5290 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x28x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.58 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/11

T107_802.11ac80_CH106_Horizontal Down-0°-1_0.5cm_Ant 1+2

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

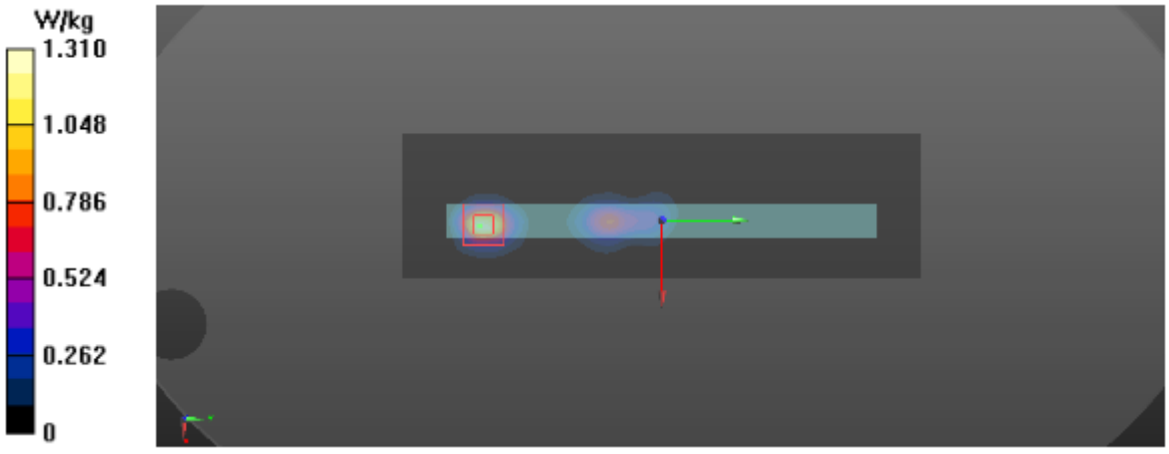
Communication System: UID 0, IEEE 802.11ac WIFI (80MHz,64-QAM,99pc duty cycle) (0); Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5530 MHz; σ = 5.088 S/m; ε_r = 35.367; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.95, 4.95, 4.95) @ 5530 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x28x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.816 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



Test Laboratory: BTL Inc. Date: 2020/01/12

T133_802.11ac80_CH155_Vertical Front-0°-2_0.5cm_Ant 1+2

DUT: AC1300 High Gain Wireless Dual Band USB Adapter;

Communication System: UID 0, IEEE 802.11ac WIFI (80MHz,64-QAM,99pc duty cycle) (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.394 S/m; ε_r = 34.829; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.75, 4.75, 4.75) @ 5775 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x28x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.96 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 5.30 W/kg
SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.295 W/kg
Maximum value of SAR (measured) = 1.83 W/kg