

Test Laboratory: BTL Inc.

Date: 2021/12/13

L05_LTE B48_QPSK20M_CH56640_50RB_Top Side_0cm_Ant 0**DUT: Tablet;**

Communication System: UID 0, LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK) (0);

Frequency: 3690 MHz; Duty Cycle: 1:1.58

Medium parameters used (interpolated): $f = 3690$ MHz; $\sigma = 3.171$ S/m; $\epsilon_r = 37.596$; $\rho = 996$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(6.44, 6.44, 6.44) @ 3690 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.27 W/kg

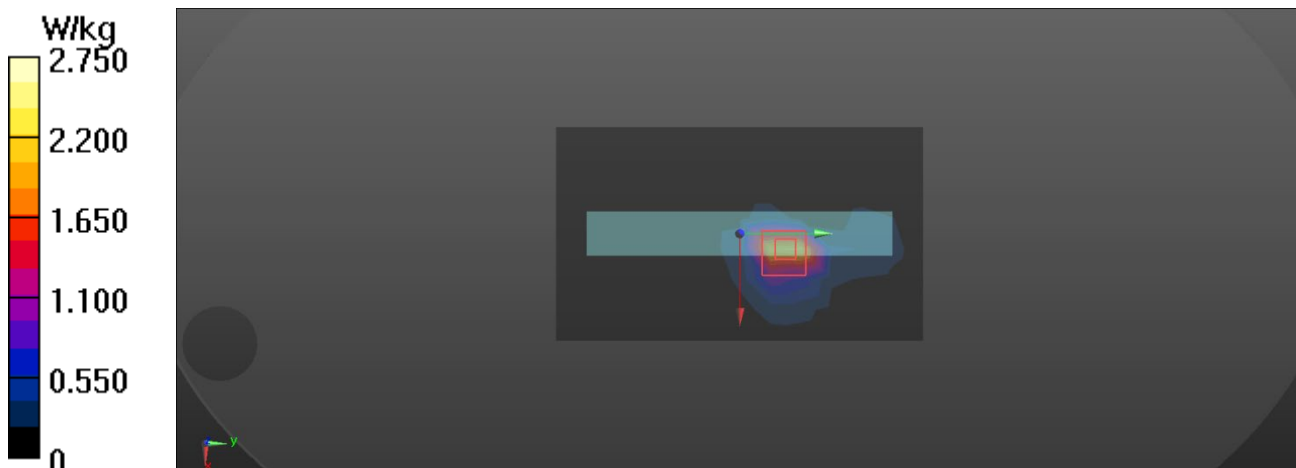
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=6$ mm, $dy=6$ mm, $dz=4$ mm

Reference Value = 9.482 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.57 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.509 W/kg

Maximum value of SAR (measured) = 2.75 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/3

W01_802.11b_CH11_Rear Face_0cm_Ant 1

DUT: Tablet;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 39.797$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2462 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.327 W/kg

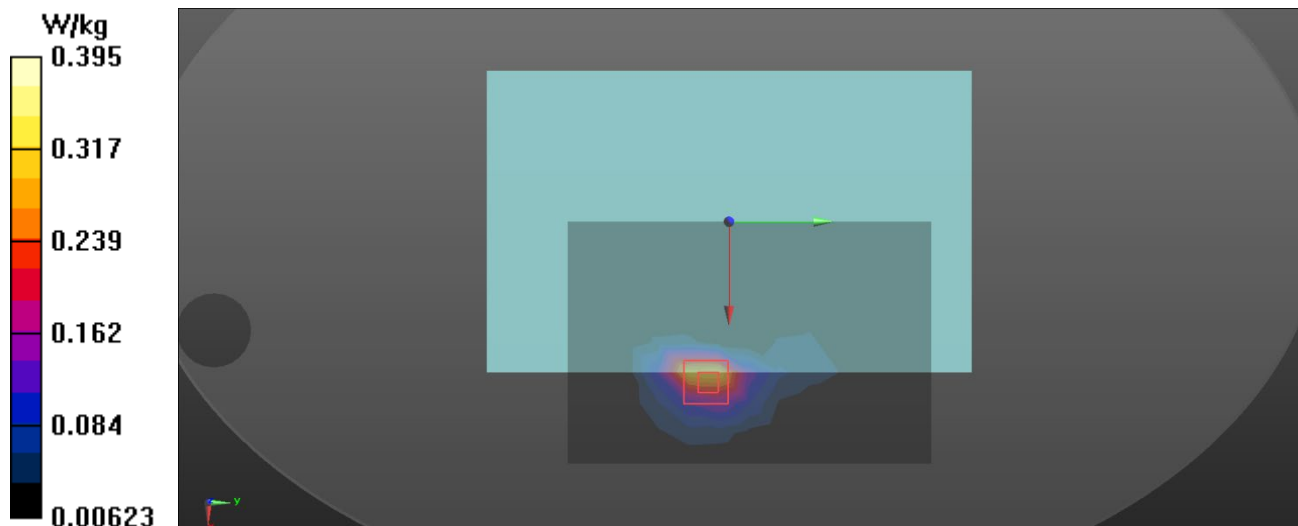
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.414 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



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Date: 2021/12/3

W05_802.11b_CH6_Rear Face_0cm_Ant 2**DUT: Tablet;**

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.795$ S/m; $\epsilon_r = 39.895$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2437 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.313 W/kg

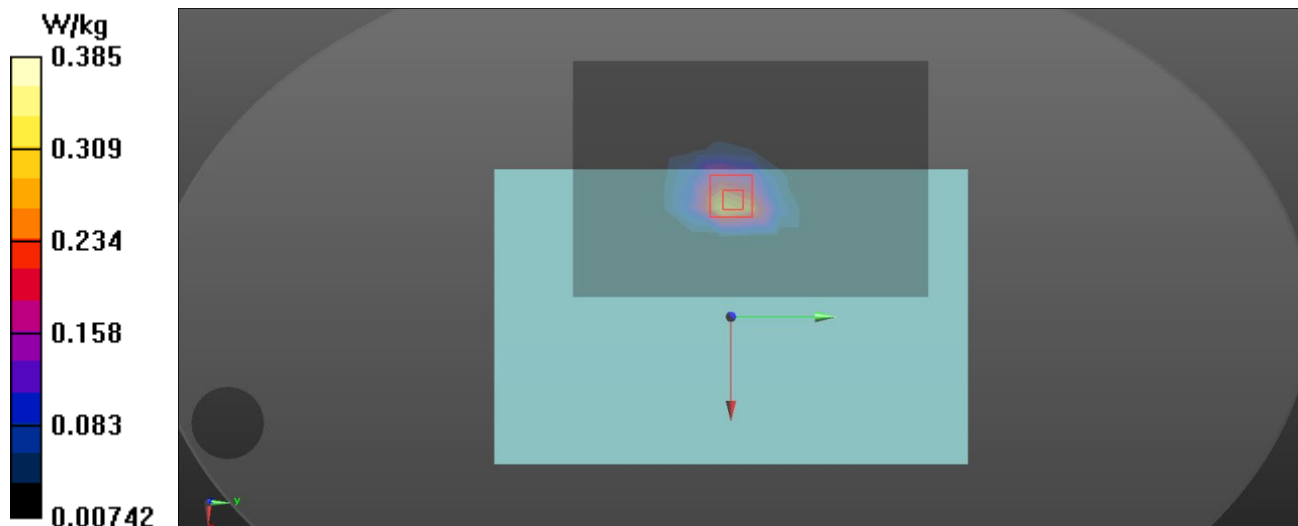
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.277 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.385 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/3

W07_BT DH5_CH0_Rear Face_0cm_Ant 1

DUT: Tablet;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.795$ S/m; $\epsilon_r = 39.895$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2437 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0661 W/kg

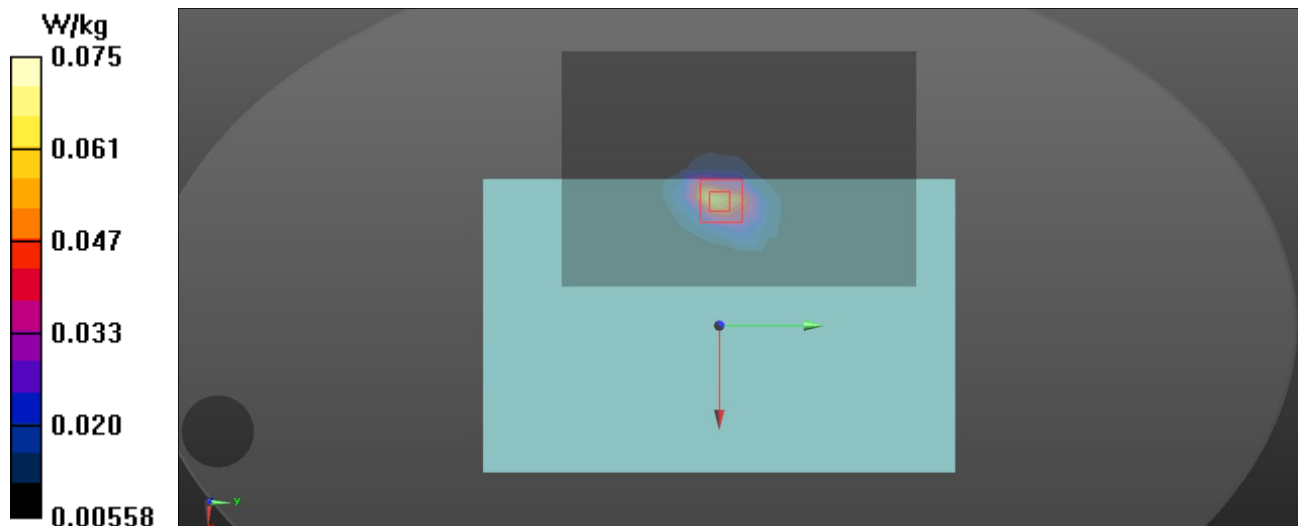
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.399 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0753 W/kg



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W10_802.11a_CH36_Rear Face_0cm_Ant 1**DUT: Tablet;**

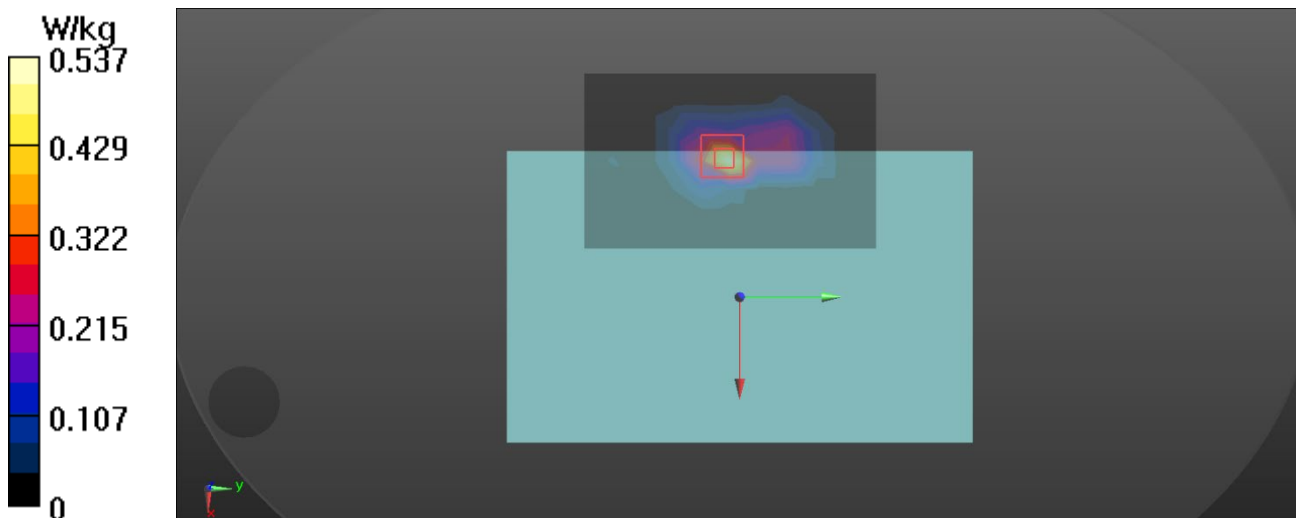
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0);
Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 4.744$ S/m; $\epsilon_r = 35.957$; $\rho = 996$ kg/m³
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5180 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.537 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.933 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.582 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/3

W13_802.11a_CH36_Rear Face_0cm_Ant 2**DUT: Tablet;**

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0);

Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.718$ S/m; $\epsilon_r = 35.872$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5180 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.416 W/kg

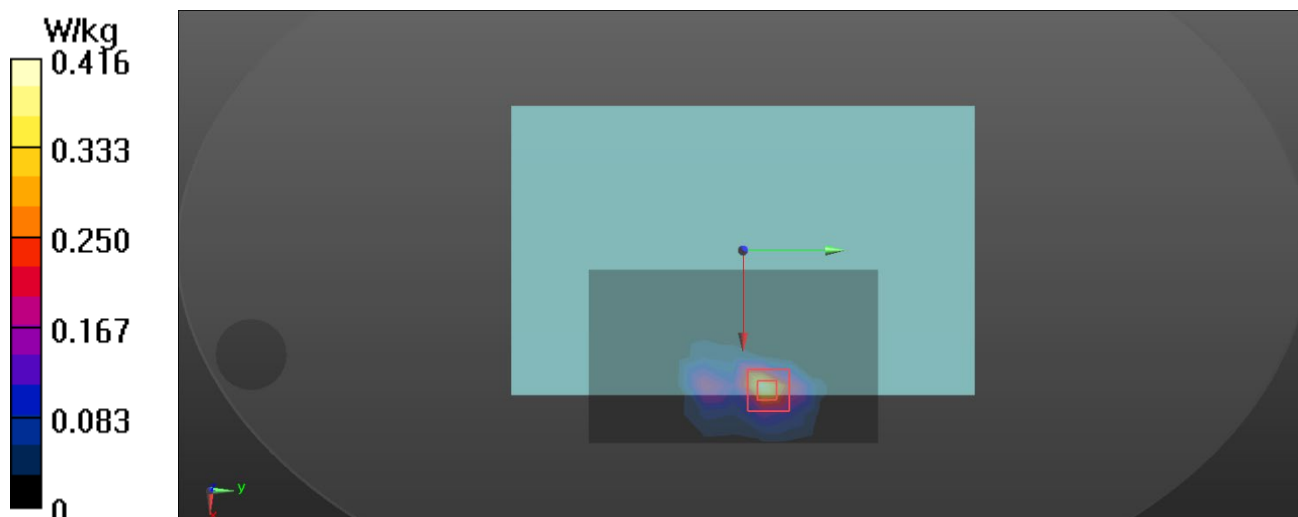
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.056 W/kg

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



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W17_802.11n HT40_CH151_Left Side_0cm_Ant 1**DUT: Tablet;**

Communication System: UID 0, IEEE 802.11n WiFi 5G(HT40, 6.5 Mbps,) (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.437$ S/m; $\epsilon_r = 34.398$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.08 W/kg

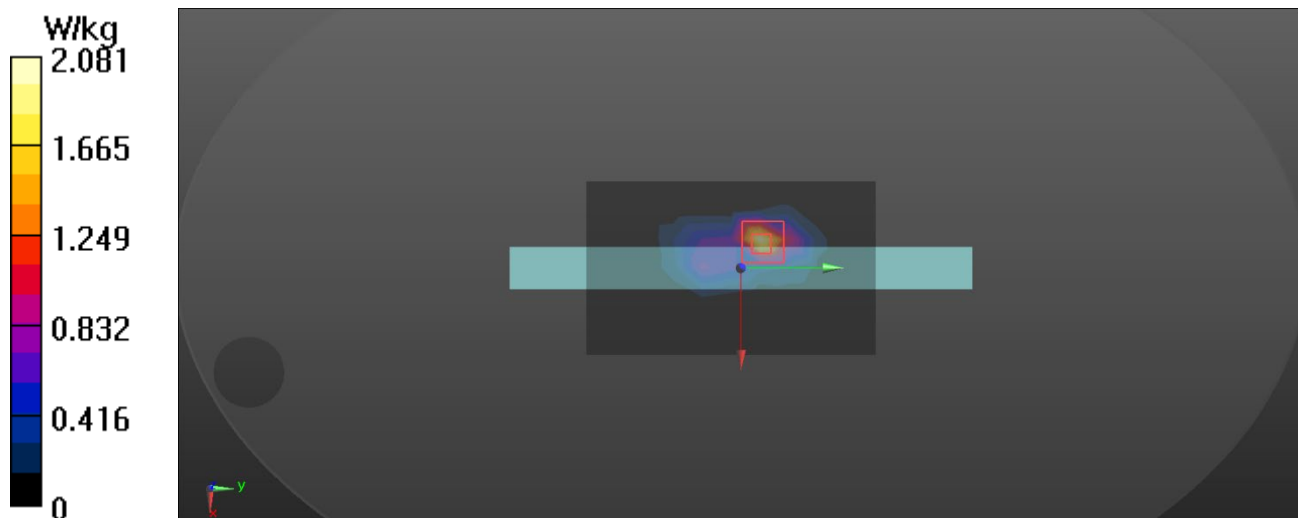
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.675 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.81 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



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Date: 2021/12/3

W19_802.11n HT40_CH151_Rear Face_0cm_Ant 2**DUT: Tablet;**

Communication System: UID 0, IEEE 802.11n WiFi 5G(HT40, 6.5 Mbps,) (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.437$ S/m; $\epsilon_r = 34.398$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.609 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 1.02 W/kg

