Test Laboratory: BTL Inc. Date: 2018/12/18

T01_GSM 850_GSM_CH190_Right Cheek

DUT: Mobile Phone;

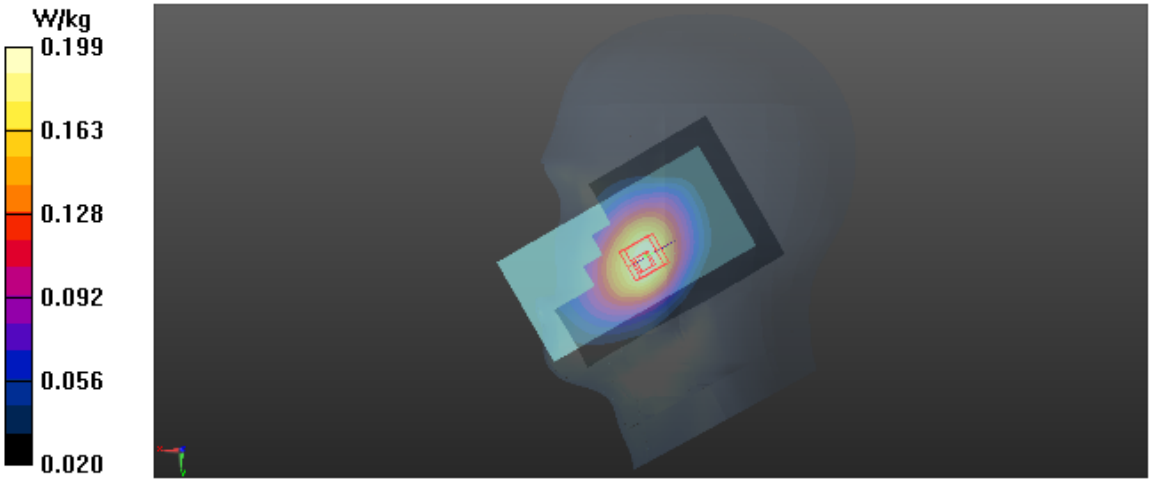
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.915 S/m; ε_r = 42.507; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.13, 6.13, 6.13) @ 836.6 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.276 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.199 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/19

T09_GSM 1900_GSM_CH661_Left Cheek

DUT: Mobile Phone;

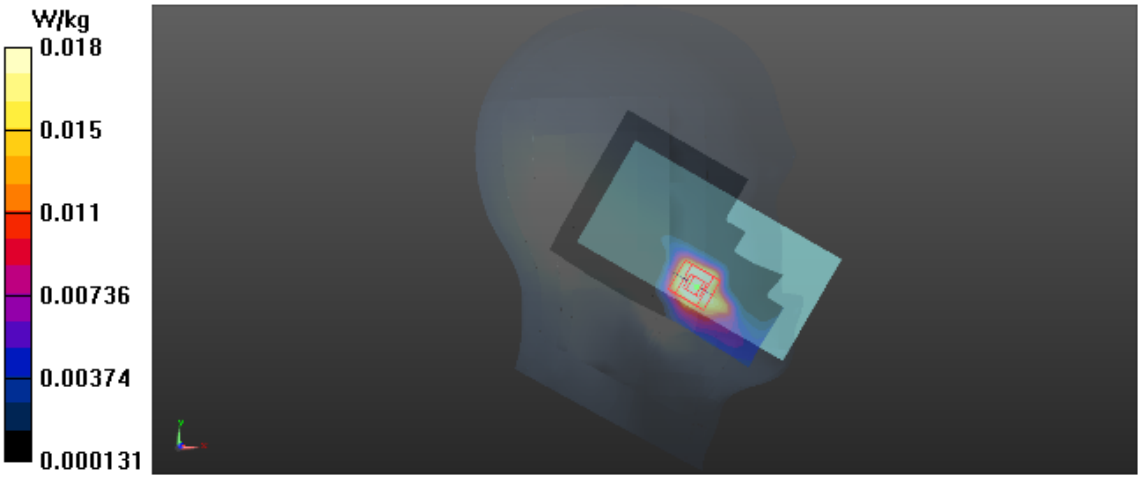
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.423 S/m; ε_r = 38.61; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.13, 5.13, 5.13) @ 1880 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0223 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00987 W/kg
Maximum value of SAR (measured) = 0.0182 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/19

T15_UMTS B2_RMC12.2K_CH9400_Left Cheek

DUT: Mobile Phone;

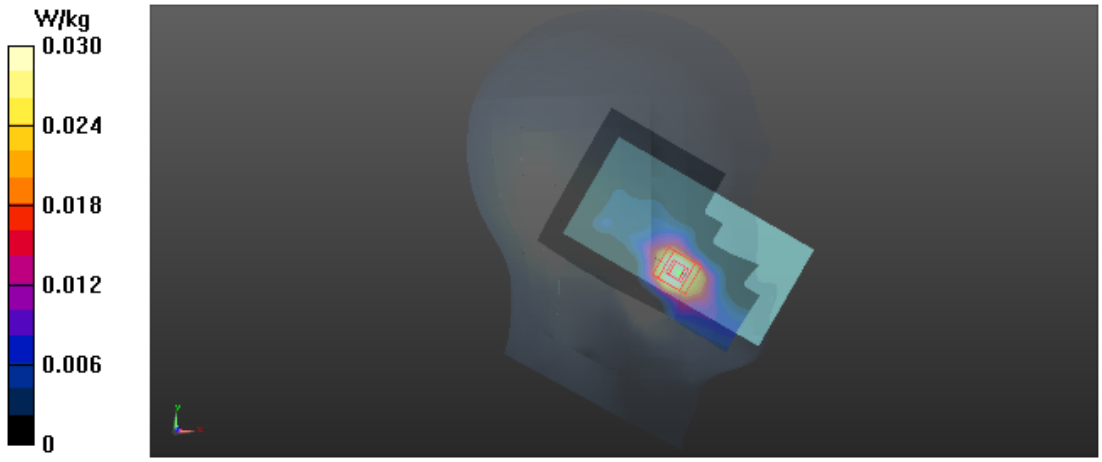
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.423 S/m; ε_r = 38.61; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.13, 5.13, 5.13) @ 1880 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0335 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0300 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/18

T21_UMTS B4_RMC12.2K_CH1413_Left Cheek

DUT: Mobile Phone;

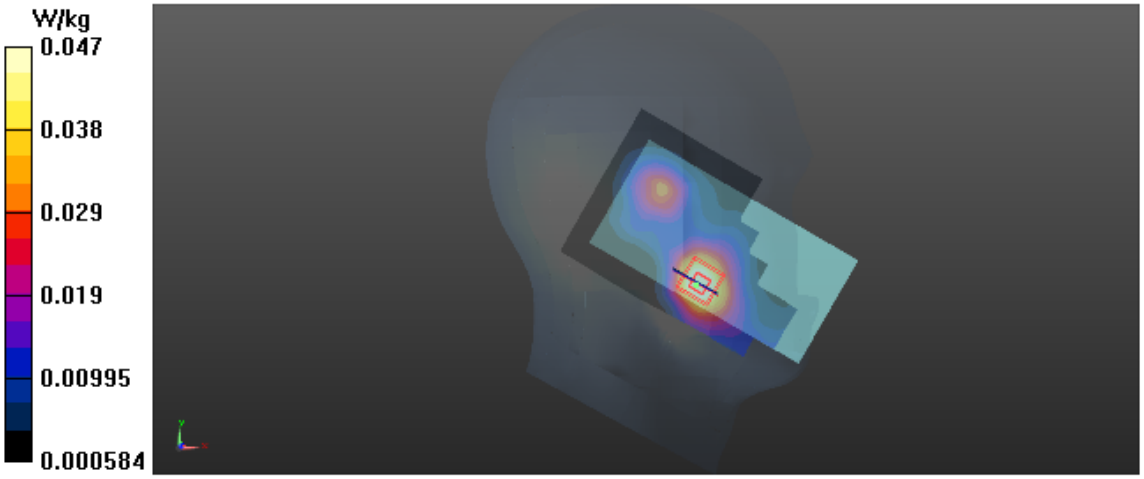
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.331 S/m; ε_r = 38.941; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.33, 5.33, 5.33) @ 1732.6 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0493 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.059 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0670 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0474 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/18

T25_UMTS B5_RMC12.2K_CH4182_Right Cheek

DUT: Mobile Phone;

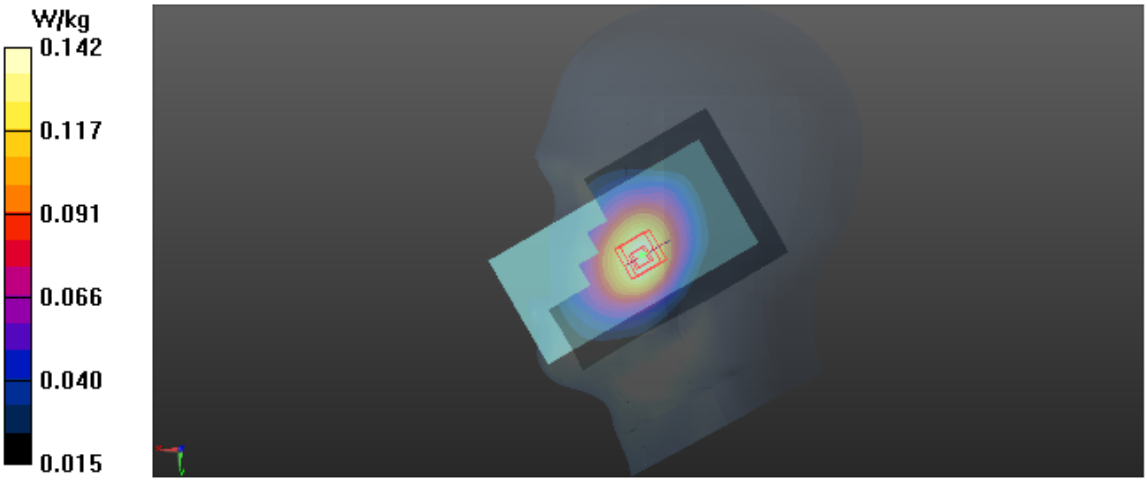
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.914 S/m; ε_r = 42.514; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.13, 6.13, 6.13) @ 836.4 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.142 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.142 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.142 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/19

T33_LTE B2_QPSK20M_CH18700_1RB_Left Cheek

DUT: Mobile Phone;

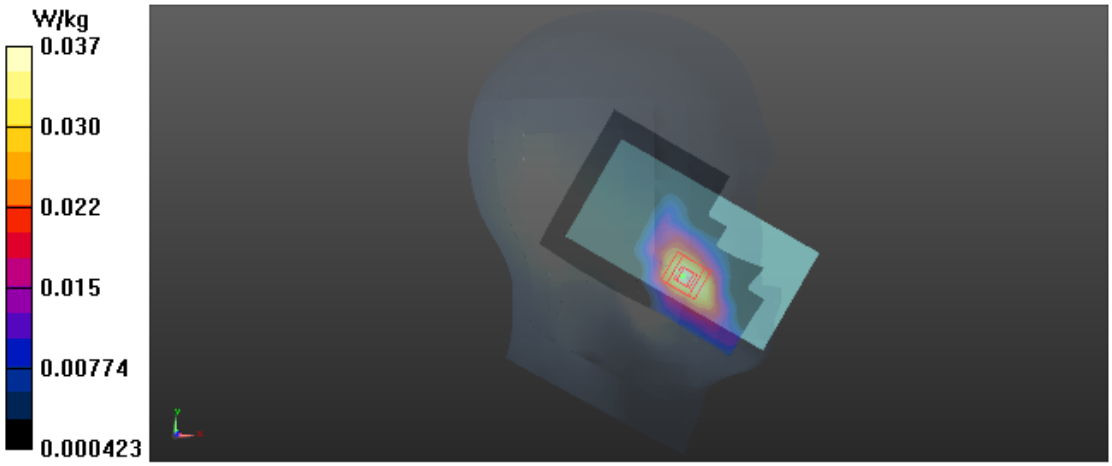
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.4 S/m; ε_r = 38.716; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.13, 5.13, 5.13) @ 1860 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0367 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0550 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0370 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/18

T43_LTE B7_QPSK20M_CH21350_1RB_Left Cheek

DUT: Mobile Phone;

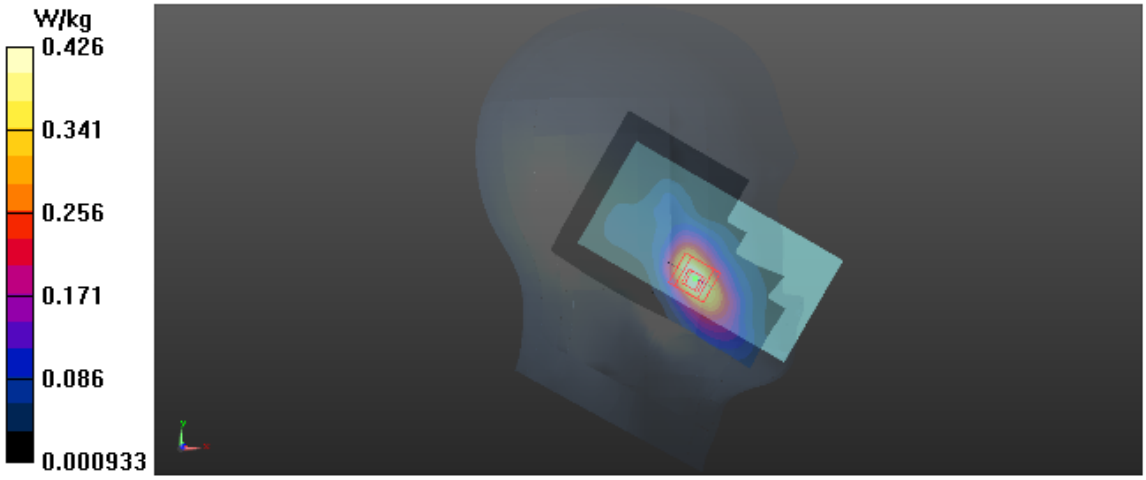
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 1.979 S/m; ε_r = 38.798; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.63, 4.63, 4.63) @ 2560 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.486 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.208 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.772 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.426 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/18

T59_LTE B12_QPSK10M_CH23060_1RB_Left Cheek_SIM 2

DUT: Mobile Phone;

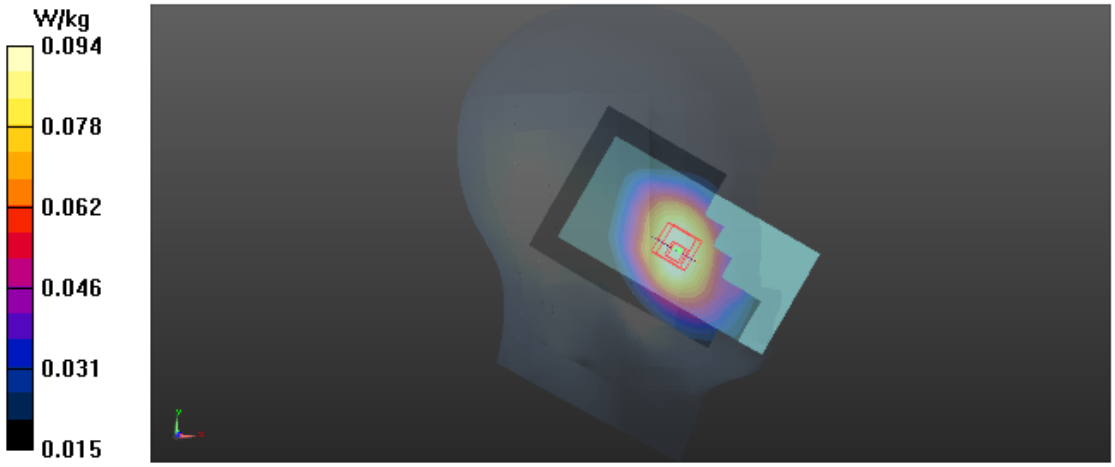
Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 704 MHz; Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.87 S/m; ε_r = 41.137; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.37, 6.37, 6.37) @ 704 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0951 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.335 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.0936 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/18

T63_LTE B66_QPSK20M_CH132072_1RB_Left Cheek

DUT: Mobile Phone;

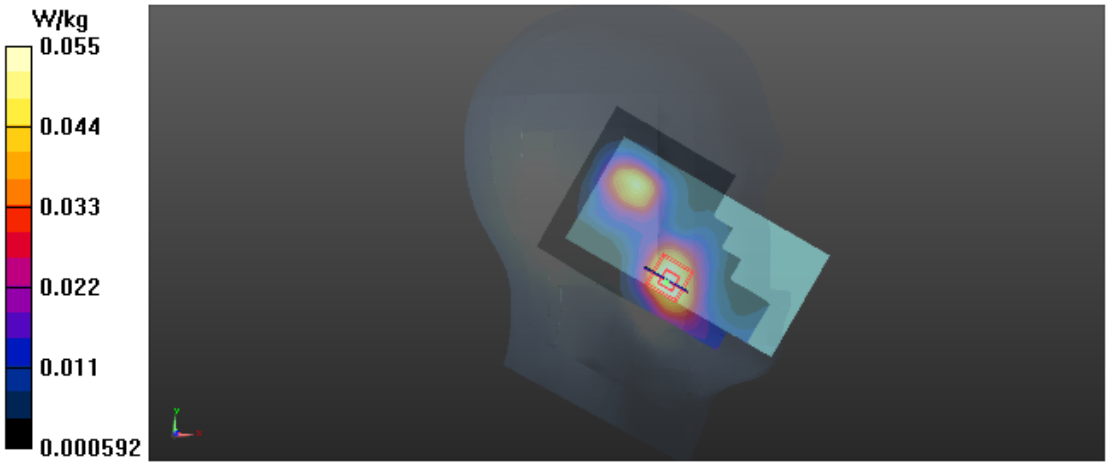
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.319 S/m; ε_r = 38.999; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(5.33, 5.33, 5.33) @ 1720 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0580 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.162 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0750 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0548 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/22

T73_802.11b_CH11_Left Tilted

DUT: Mobile Phone;

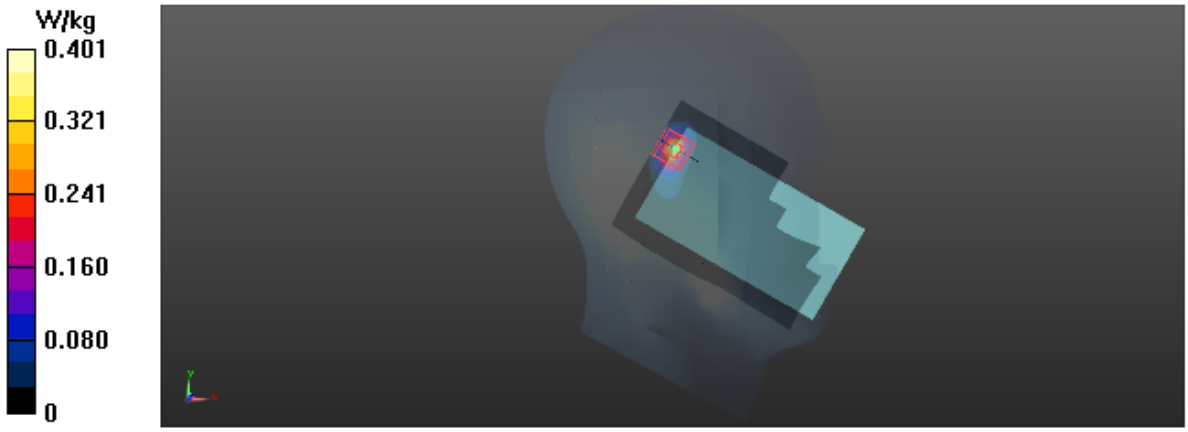
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.881 S/m; ε_r = 39.143; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.74, 4.74, 4.74) @ 2462 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.397 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.370 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.824 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.401 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/22

T77_802.11a_CH56_Left Tilted

DUT: Mobile Phone;

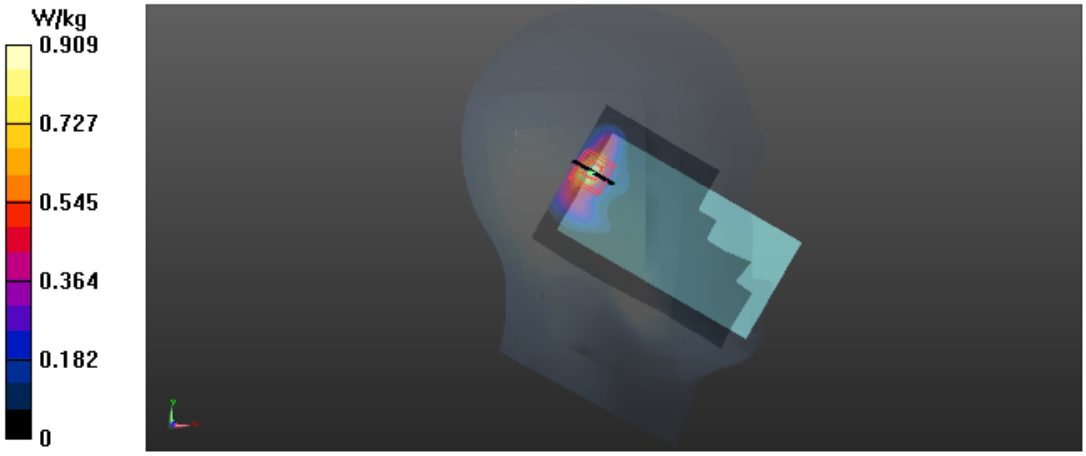
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.902 S/m; ε_r = 35.439; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.35, 5.35, 5.35) @ 5280 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x18x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.958 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.73 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 4.86 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.909 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/22

T85_802.11a_CH104_Left Tilted

DUT: Mobile Phone;

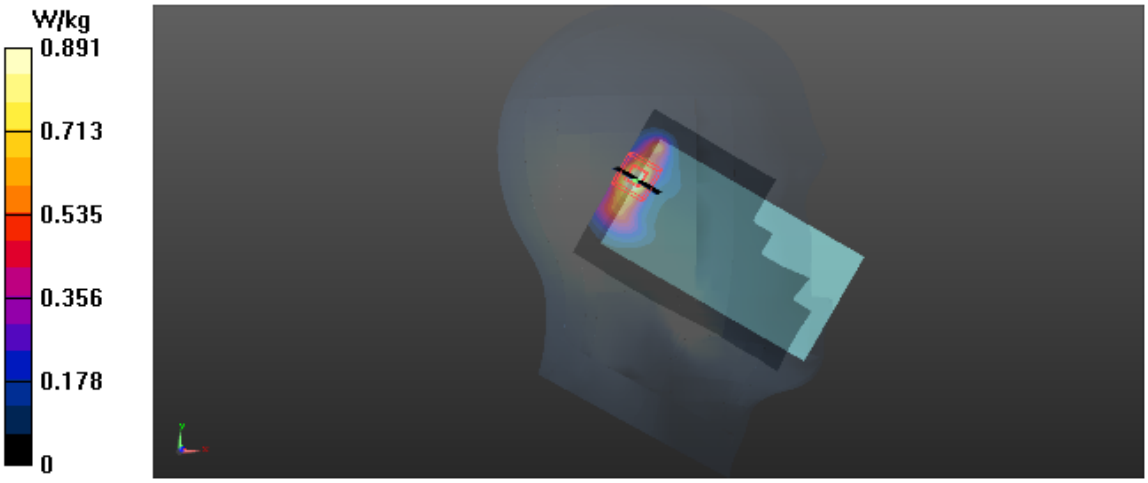
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5520 MHz; σ = 5.176 S/m; ε_r = 35.027; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.94, 4.94, 4.94) @ 5520 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x18x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.987 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.19 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.73 W/kg
SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.340 W/kg
Maximum value of SAR (measured) = 0.891 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/22

T96_802.11a_CH149_Left Tilted

DUT: Mobile Phone;

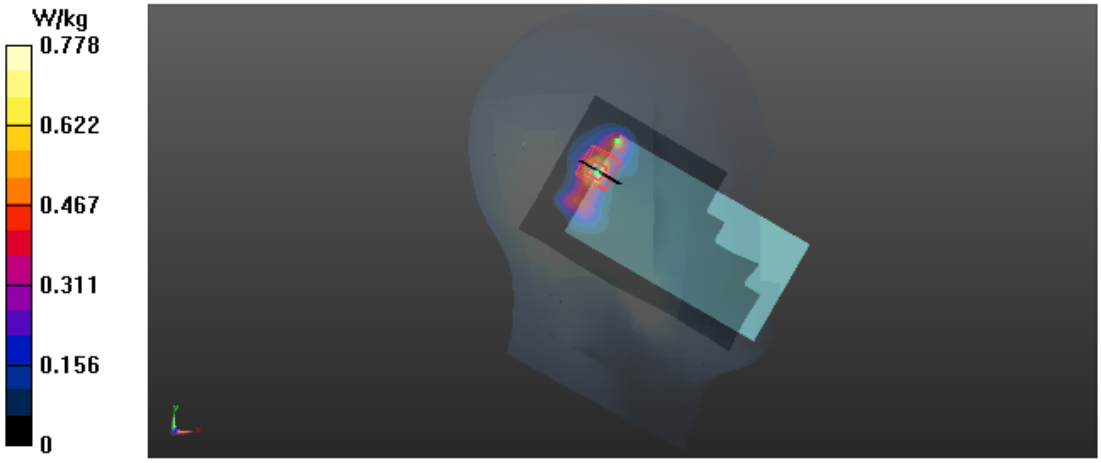
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.431 S/m; ε_r = 34.635; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05) @ 5745 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x19x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.887 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.367 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.778 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/19

T106_GSM 850_GPRS 2TX_CH190_Rear Face_1.0cm

DUT: Mobile Phone;

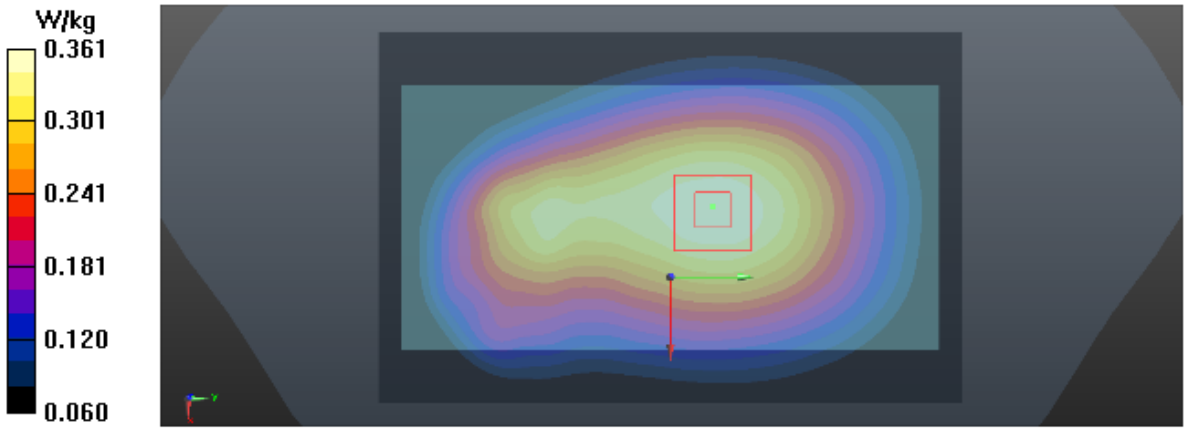
Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: f = 837 MHz; σ = 0.963 S/m; ε_r = 56.985; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.29, 6.29, 6.29) @ 836.6 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.361 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.33 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.361 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/21

T116_GSM 1900_GPRS 2TX_CH661_Rear Face_1.0cm

DUT: Mobile Phone;

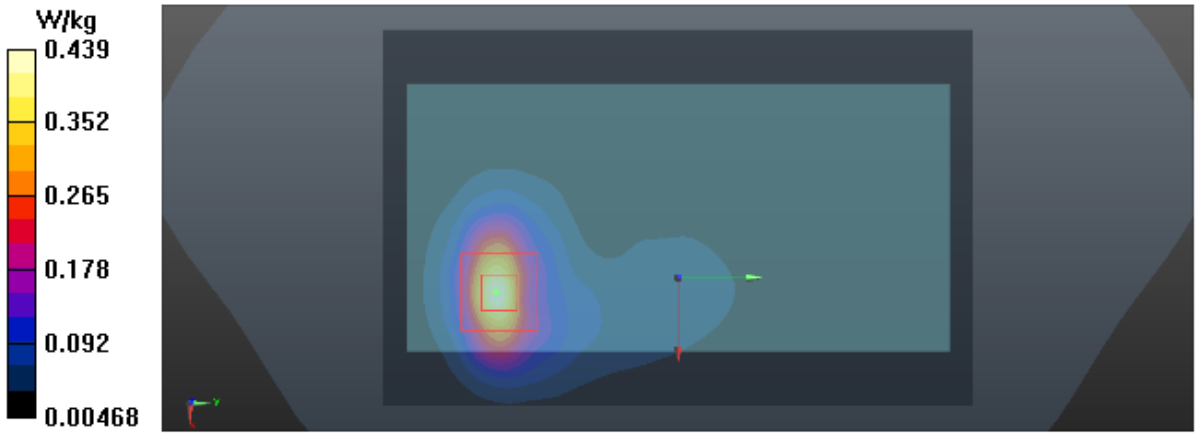
Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium parameters used: f = 1880 MHz; σ = 1.491 S/m; ε_r = 51.084; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8) @ 1880 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.431 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.419 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.679 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.439 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/21

T129_UMTS B2_RMC12.2K_CH9400_Rear Face_1.0cm_SIM 2

DUT: Mobile Phone;

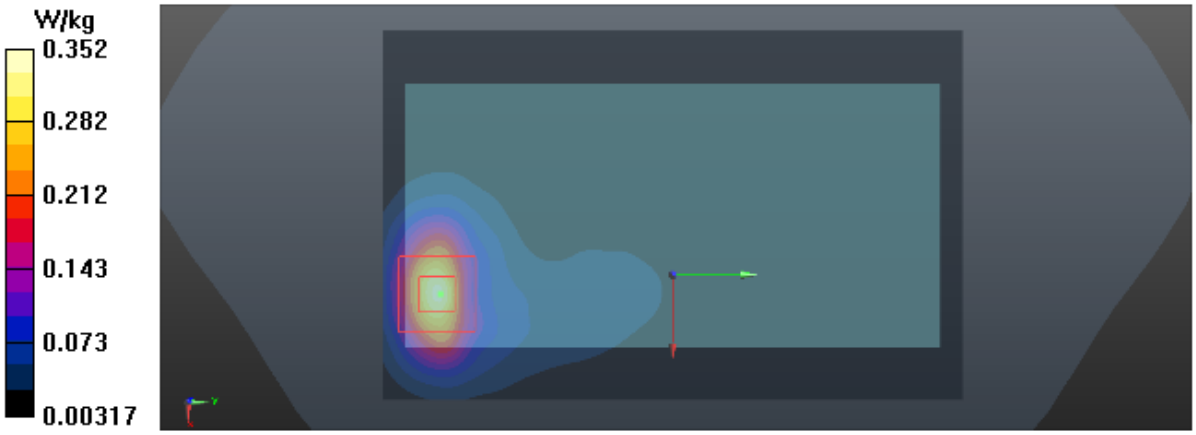
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.491 S/m; ε_r = 51.084; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8) @ 1880 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.339 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.122 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.352 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/20

T139_UMTS B4_RMC12.2K_CH1312_Rear Face_1.0cm

DUT: Mobile Phone;

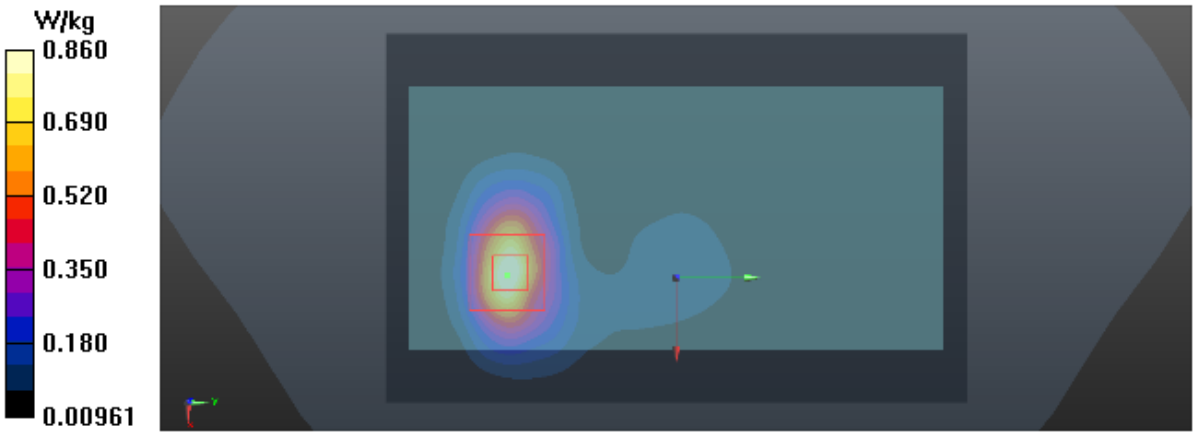
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.488 S/m; ε_r = 51.714; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.99, 4.99, 4.99) @ 1712.4 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.888 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.044 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.860 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/19

T149_UMTS B5_RMC12.2K_CH4182_Rear Face_1.0cm_SIM 2

DUT: Mobile Phone;

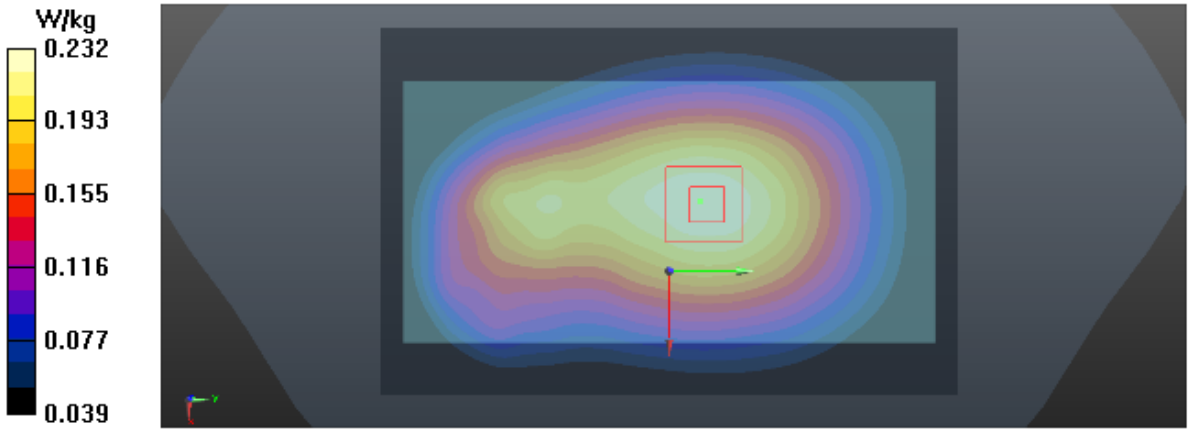
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.962 S/m; ε_r = 56.991; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.29, 6.29, 6.29) @ 836.4 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.36 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.232 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/21

T158_LTE B2_QPSK20M_CH18700_1RB_Rear Face_1.0cm

DUT: Mobile Phone;

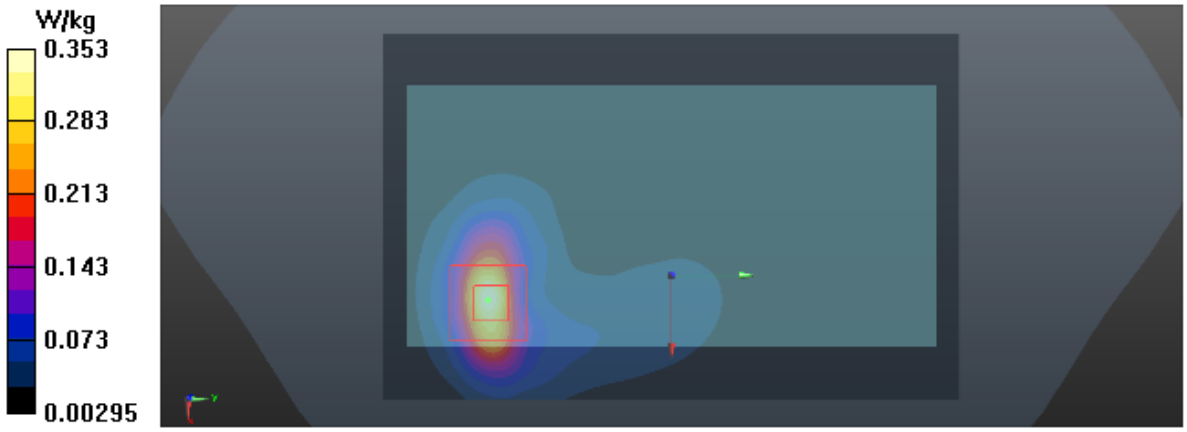
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.471 S/m; ε_r = 51.119; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8) @ 1860 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.486 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.353 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/20

T174_LTE B7_QPSK20M_CH21350_1RB_Rear Face_1.0cm

DUT: Mobile Phone;

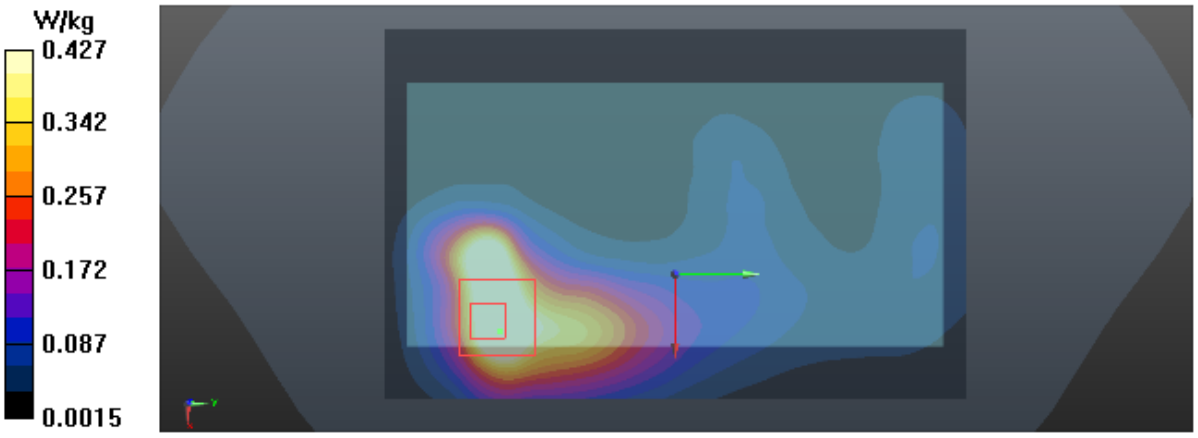
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.165 S/m; ε_r = 51.307; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.28, 4.28, 4.28) @ 2560 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.575 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.541 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.427 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/19

T190_LTE B12_QPSK10M_CH23060_1RB_Rear Face_1.0cm

DUT: Mobile Phone;

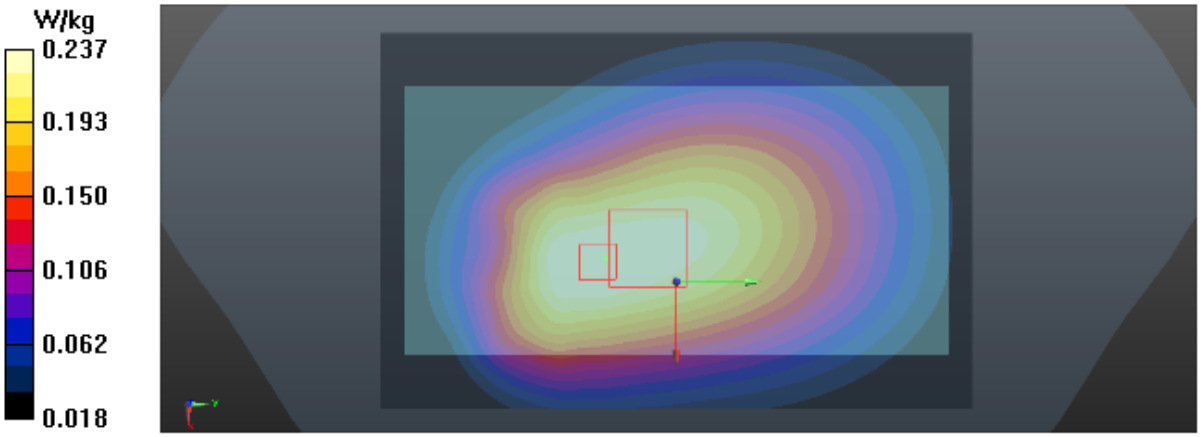
Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 704 MHz; Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.93 S/m; ε_r = 55.593; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(6.43, 6.43, 6.43) @ 704 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.77 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.237 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/20

T206_LTE B66_QPSK20M_CH132072_1RB_Rear Face_1.0cm

DUT: Mobile Phone;

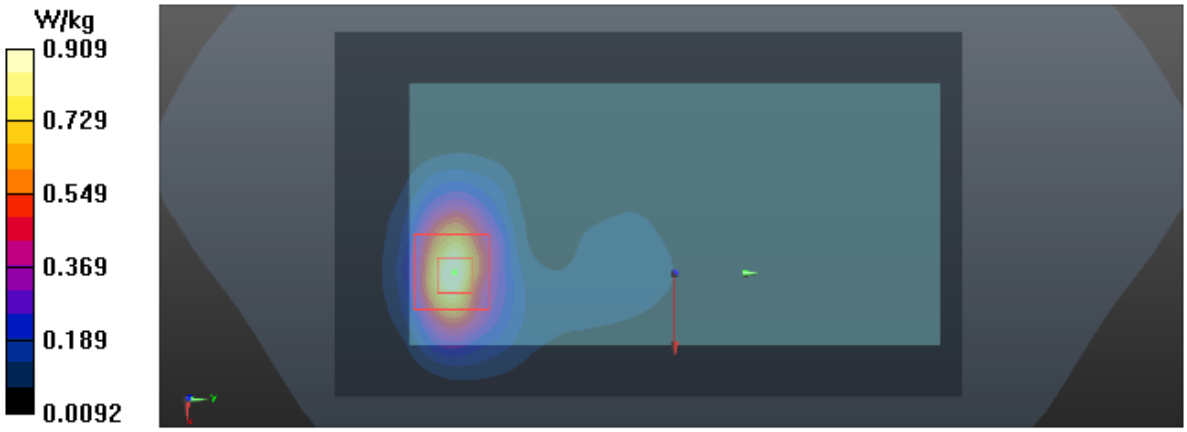
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.496 S/m; ε_r = 51.689; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.99, 4.99, 4.99) @ 1720 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.916 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.154 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 0.909 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/22

T224_802.11b_CH11_Front Face_1.0cm

DUT: Mobile Phone;

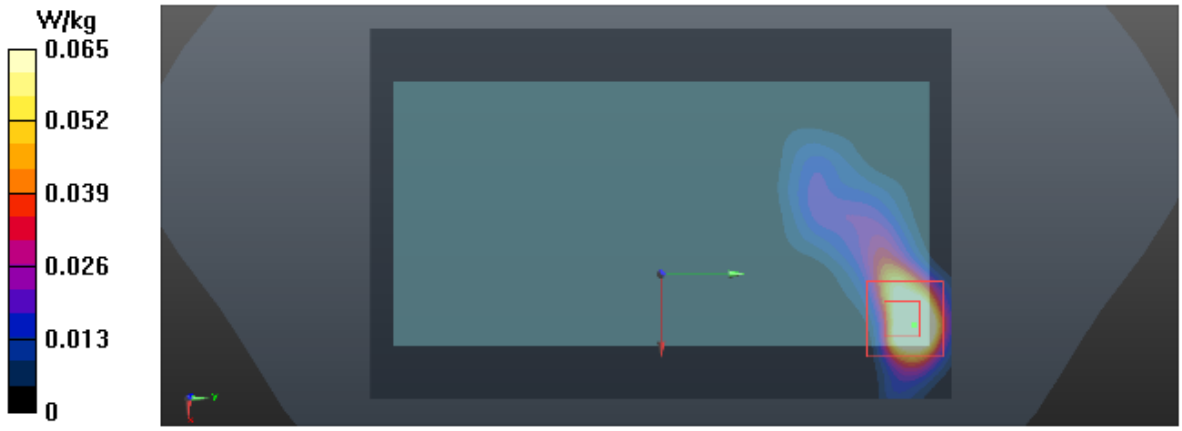
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.992 S/m; ε_r = 53.167; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3240; ConvF(4.57, 4.57, 4.57) @ 2462 MHz; Calibrated: 2018/3/28
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.110 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.6630 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0648 W/kg



Test Laboratory: BTL Inc. Date: 2019/1/18

T235_802.11a_CH40_Top Side_1.0cm

DUT: Mobile Phone;

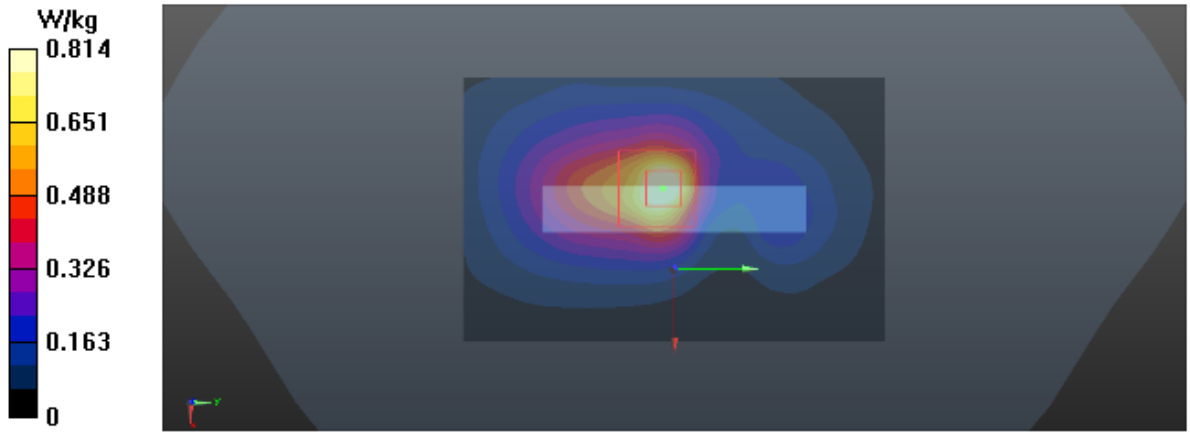
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.366 S/m; ε_r = 47.841; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.3, 5.3, 5.3) @ 5200 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.885 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.274 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.814 W/kg



Test Laboratory: BTL Inc. Date: 2018/12/22

T251_802.11a_CH149_Rear Face_1.0cm

DUT: Mobile Phone;

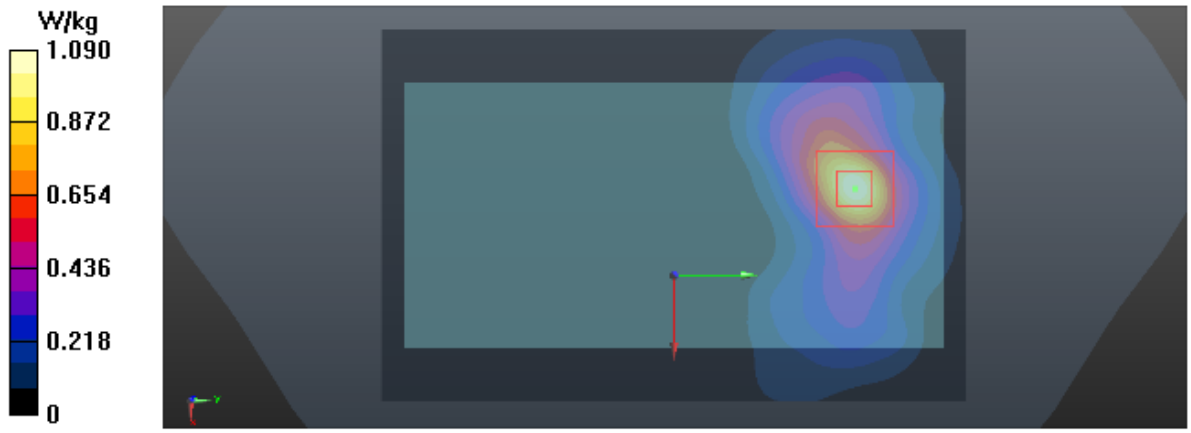
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.109 S/m; ε_r = 46.509; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5) @ 5745 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (12x18x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



Test Laboratory: BTL Inc. Date: 2019/1/18

T239_802.11a_CH56_Top Side_0cm

DUT: Mobile Phone;

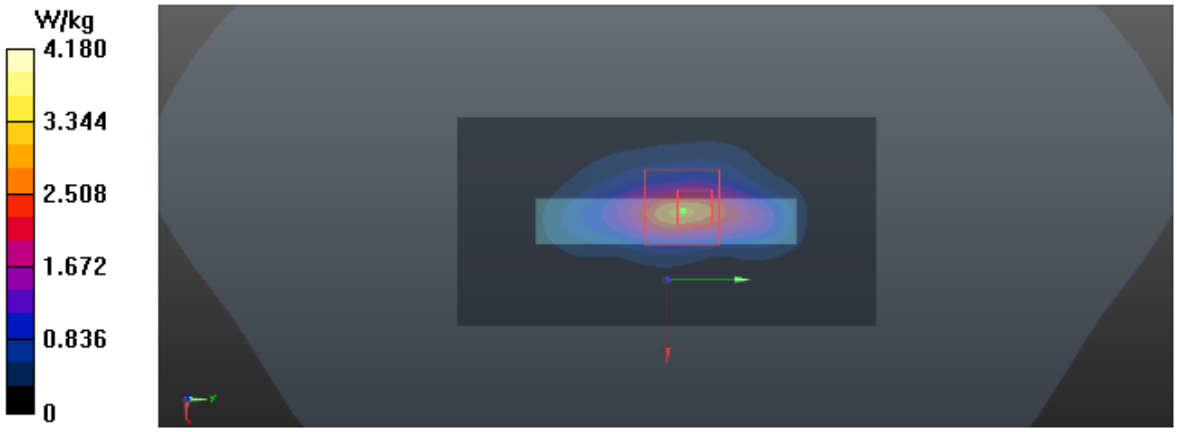
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 5.472 S/m; ε_r = 47.635; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05) @ 5280 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.87 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.37 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 1.97 W/kg; SAR(10 g) = 0.599 W/kg
Maximum value of SAR (measured) = 4.18 W/kg



Test Laboratory: BTL Inc. Date: 2019/1/18

T245_802.11a_CH104_Top Side_0cm

DUT: Mobile Phone;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5520 MHz; σ = 5.817 S/m; ε_r = 47.173; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.38, 4.38, 4.38) @ 5520 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 6.79 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.36 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 2.92 W/kg; SAR(10 g) = 0.788 W/kg
Maximum value of SAR (measured) = 7.09 W/kg