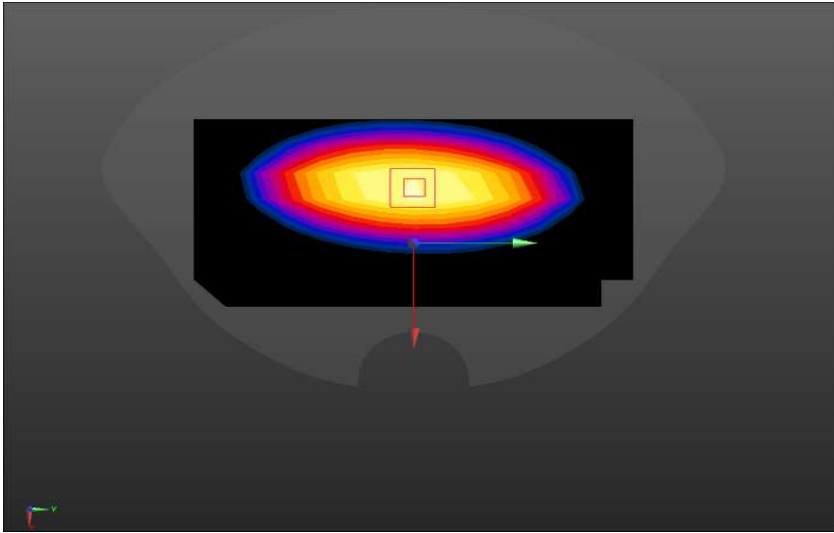
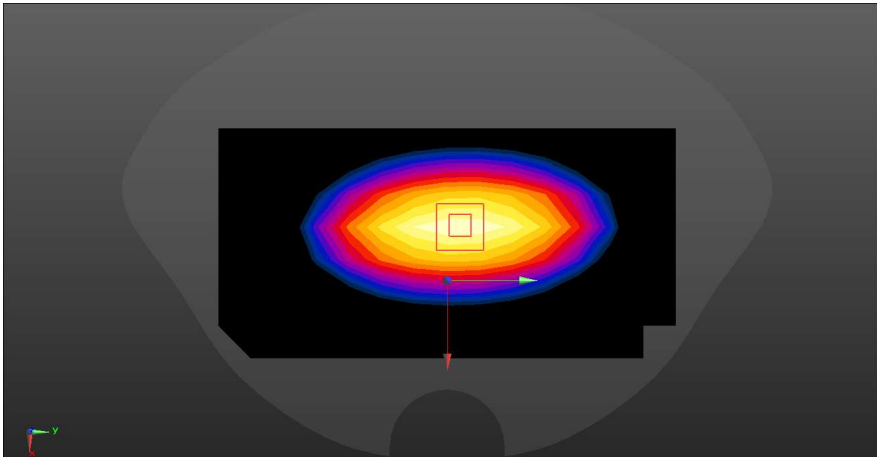
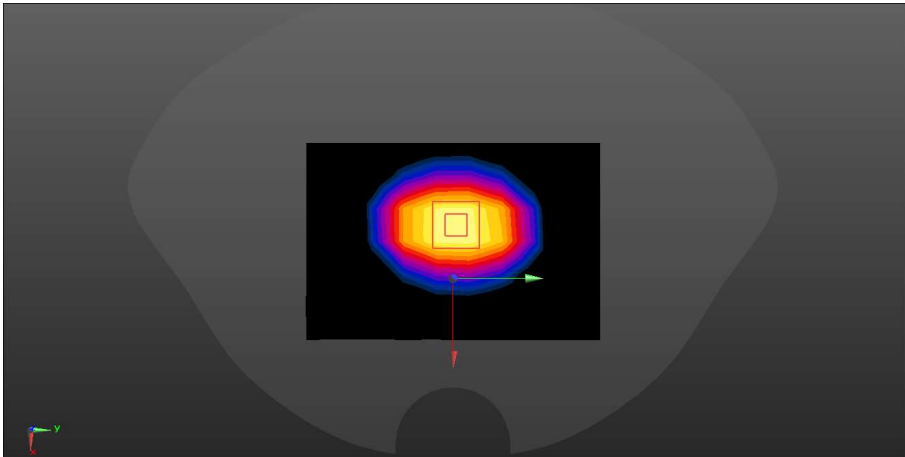
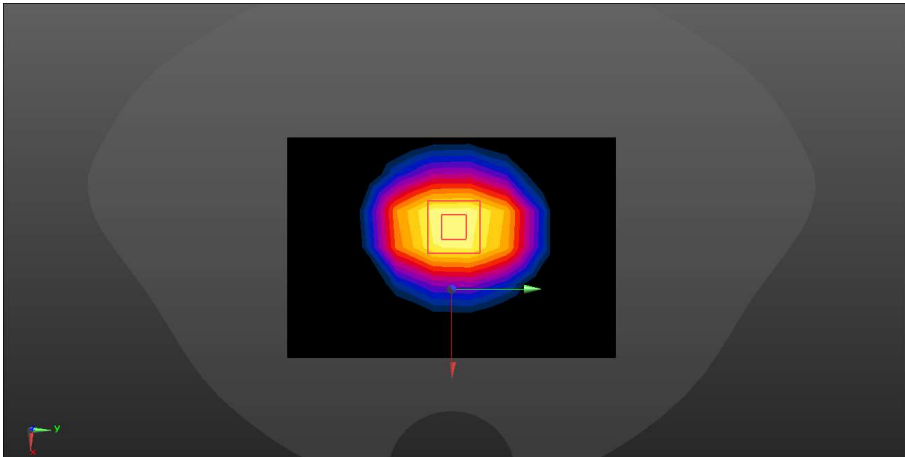


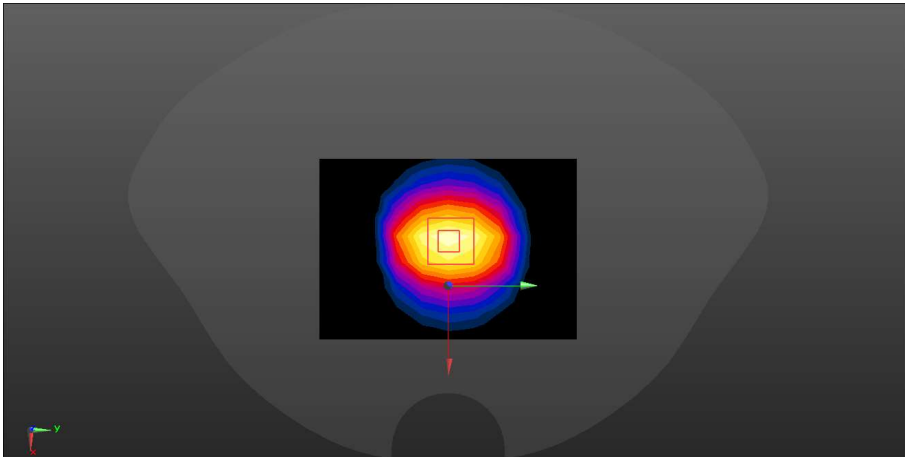
ANNEX A – TEST PLOTS

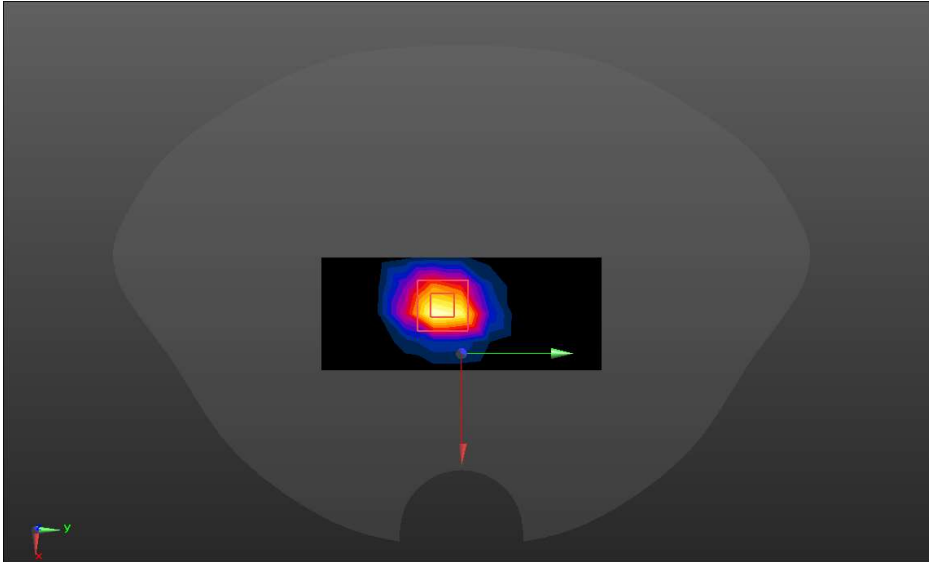
System check	750MHz
Communication System: UID 0, CW (0) Frequency: 750 MHz; Duty cycle:1:1 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 41.352$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.63, 9.63, 9.63) @ 750MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) System Performance Check at Frequencies 750MHz/d=15mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 2.16 W/kg System Performance Check at Frequencies 750MHz/d=15mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 41.00 V/m; Power Drift = 0.13 dB Peak SAR (extrapolated) = 3.26 W/kg SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.45 W/kg Maximum value of SAR (measured) = 2.49 W/kg	
	

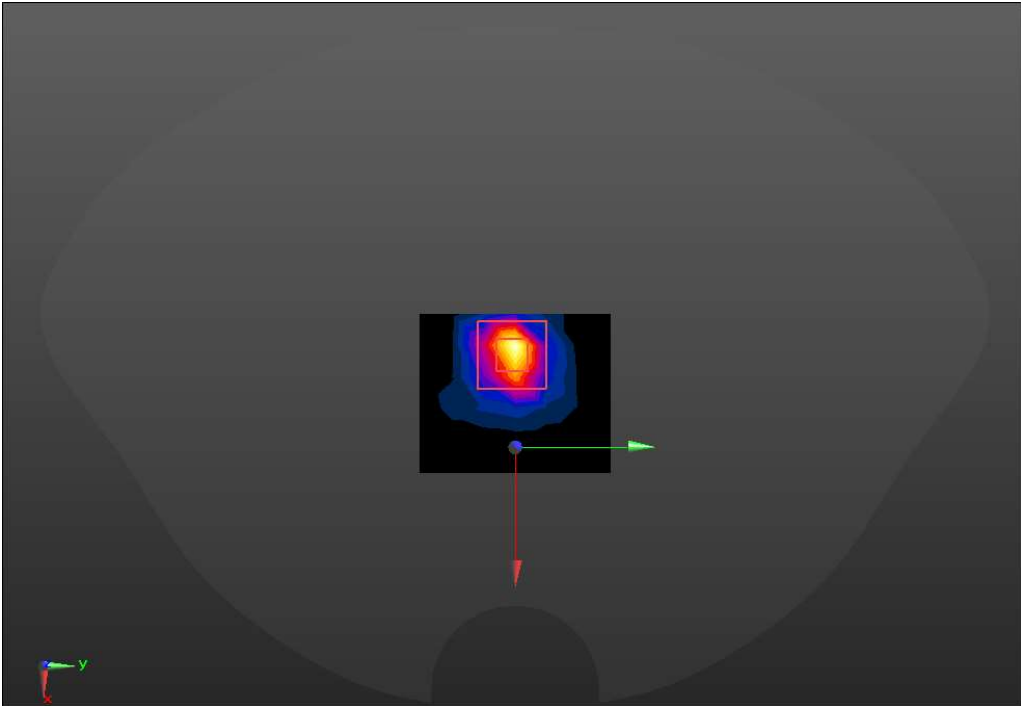
System check	835MHz
Communication System: UID 0, CW (0); Frequency: 835 MHz Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 40.266$ $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.48, 9.48, 9.48) @ 835 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) Configuration 835/835/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 2.72 W/kg Configuration 835/835/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 51.67 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 3.58 W/kg SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.51 W/kg Maximum value of SAR (measured) = 2.75 W/kg 	

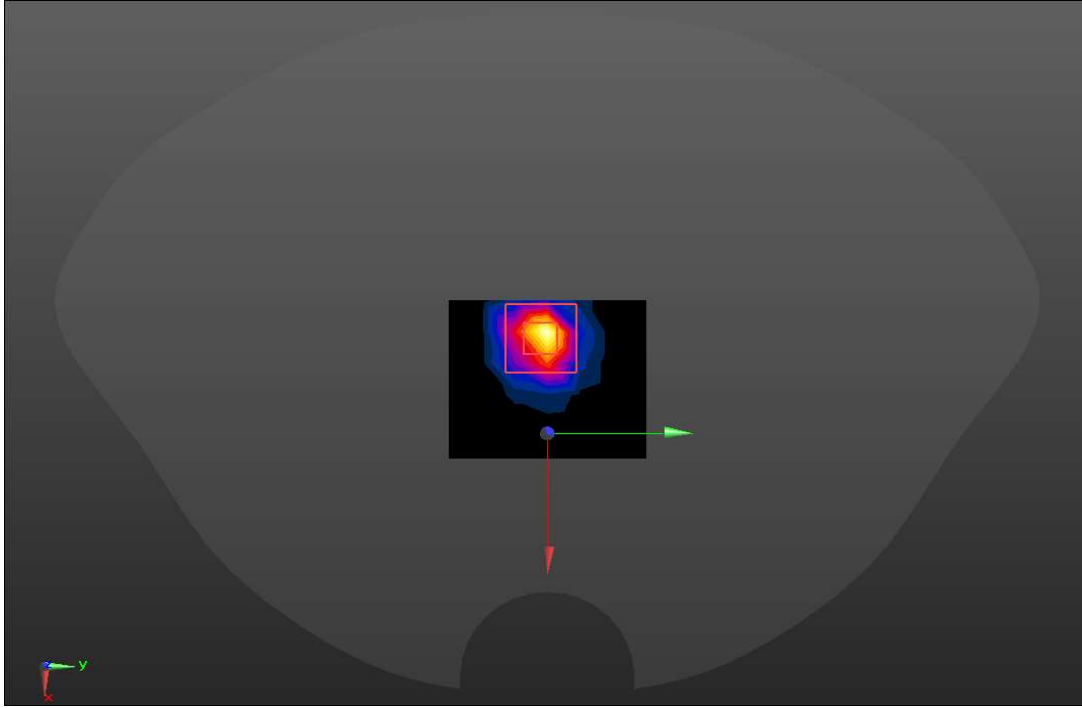
System check	1800MHz
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty cycle:1:1 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.418 \text{ S/m}$; $\epsilon_r = 40.688$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(8.41, 8.41, 8.41) @ 1800 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) Configuration 1800/1800/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 8.31 W/kg Configuration 1800/1800/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 76.60 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 17.5 W/kg SAR(1 g) = 9.53 W/kg; SAR(10 g) = 4.97 W/kg Maximum value of SAR (measured) = 12.1 W/kg	
	

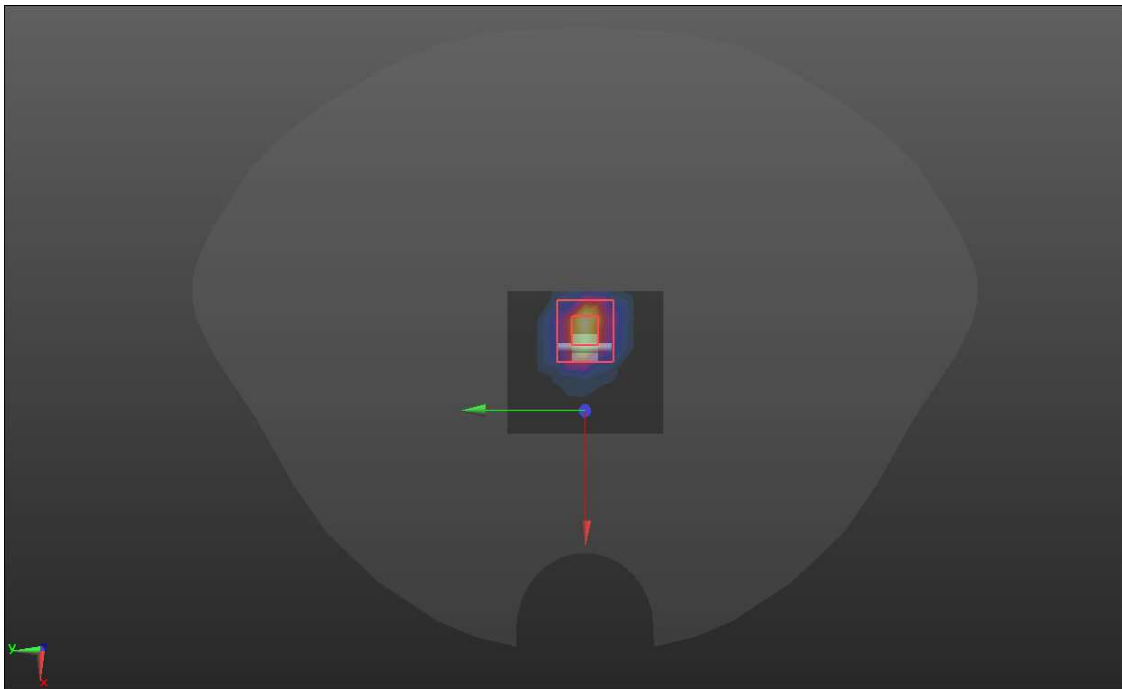
System check	2000MHz
Communication System: UID 0, CW (0); Frequency: 2000 MHz; Duty cycle:1:1 Medium parameters used: $f = 2000 \text{ MHz}$; $\sigma = 1.427 \text{ S/m}$; $\epsilon_r = 39.844$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(8.09, 8.09, 8.09) @ 2000 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) Configuration 2000/2000/Area Scan (7x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 8.40 W/kg Configuration 2000/2000/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 76.22 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 18.7 W/kg SAR(1 g) = 9.71 W/kg; SAR(10 g) = 4.96 W/kg Maximum value of SAR (measured) = 12.9 W/kg	
	

System check	2450MHz
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty cycle:1:1 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.866 \text{ S/m}$; $\epsilon_r = 38.343$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) System Performance Check at Frequencies 2450 MHz/2450/Area Scan (8x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 21.2 W/kg System Performance Check at Frequencies 2450 MHz/2450/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 108.3 V/m; Power Drift = 0.19 dB Peak SAR (extrapolated) = 28.2 W/kg SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.14 W/kg Maximum value of SAR (measured) = 22.6 W/kg 	

System check	2600MHz
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1 Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 1.951 \text{ S/m}$; $\epsilon_r = 39.672$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.37, 7.37, 7.37) @ 2600 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) SYSTEM CHECK 2600/Area Scan (5x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 22.7 W/kg SYSTEM CHECK 2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 102.2 V/m; Power Drift = 0.11 dB Peak SAR (extrapolated) = 33.7 W/kg SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.52 W/kg Maximum value of SAR (measured) = 26.6 W/kg 	

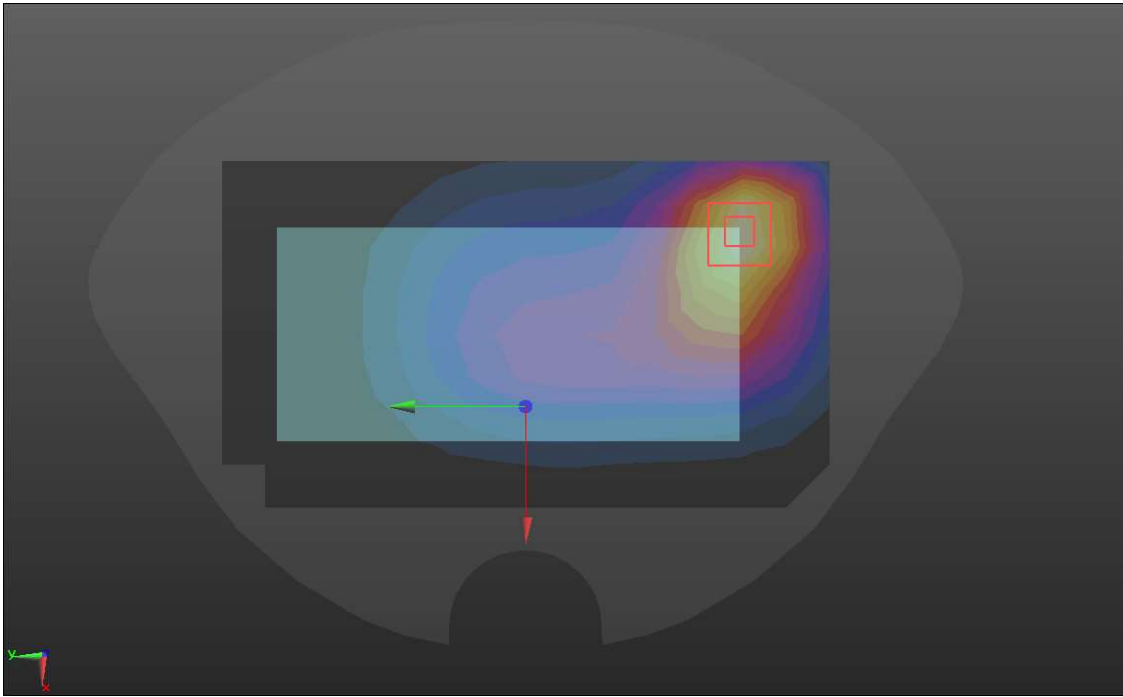
System check	5200MHz
Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.72 \text{ S/m}$; $\epsilon_r = 36.811$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(5.63, 5.63, 5.63) @ 5200 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface:1. 4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450) Configuration 4/SYSTEM CHECK 5200MHz/Area Scan (6x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 1.85 W/kg Configuration 4/SYSTEM CHECK 5200MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 11.17 V/m; Power Drift = 0.02 dB Peak SAR (extrapolated) = 3.42 W/kg SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.234 W/kg Maximum value of SAR (measured) = 2.16 W/kg 	

System check	5300MHz
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.65 \text{ S/m}$; $\epsilon_r = 35.42$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section - Probe: EX3DV4 - SN3708; ConvF(5.46, 5.46, 5.46); @ 5300 MHz Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 9/30/2020 - Phantom: 1660; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Configuration 4/SYSTEM CHECK 5300MHz/Area Scan (6x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 1.77 W/kg Configuration 4/SYSTEM CHECK 5300MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 10.42 V/m; Power Drift = 0.11 dB Peak SAR (extrapolated) = 3.85 W/kg SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.244 W/kg Maximum value of SAR (measured) = 2.19 W/kg 	

System check	5600MHz
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1 Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.2 \text{ S/m}$; $\epsilon_r = 36.18$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(5.05, 5.05, 5.05) @ 5600 MHz; Calibrated: 10/30/2020 - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used) Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn720; Calibrated: 2019/10/2 - Phantom: 1660; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7450) Configuration 4/SYSTEM CHECK 5600MHz /Area Scan (6x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 1.71 W/kg Configuration 4/SYSTEM CHECK 5600MHz /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 12.13 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 3.87 W/kg SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.246 W/kg Maximum value of SAR (measured) = 2.34 W/kg 	

Main supply

GSM850

Hotspot	Back
Communication System: UID 10024 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 836.6 MHz;Duty Cycle: 1:4.52898 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.528$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.39, 9.39, 9.39); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) Back/GPRS850/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.378 W/kg Back/GPRS850/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 13.46 V/m; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.448 W/kg SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.177 W/kg Maximum value of SAR (measured) = 0.387 W/kg	
	

GSM1900

Hotspot

Bottom

Communication System: UID 10027 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 1880 MHz; Duty Cycle: 1:3.01995

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/10/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 2020/11/11
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Bottom/GPRS1900/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.561 W/kg

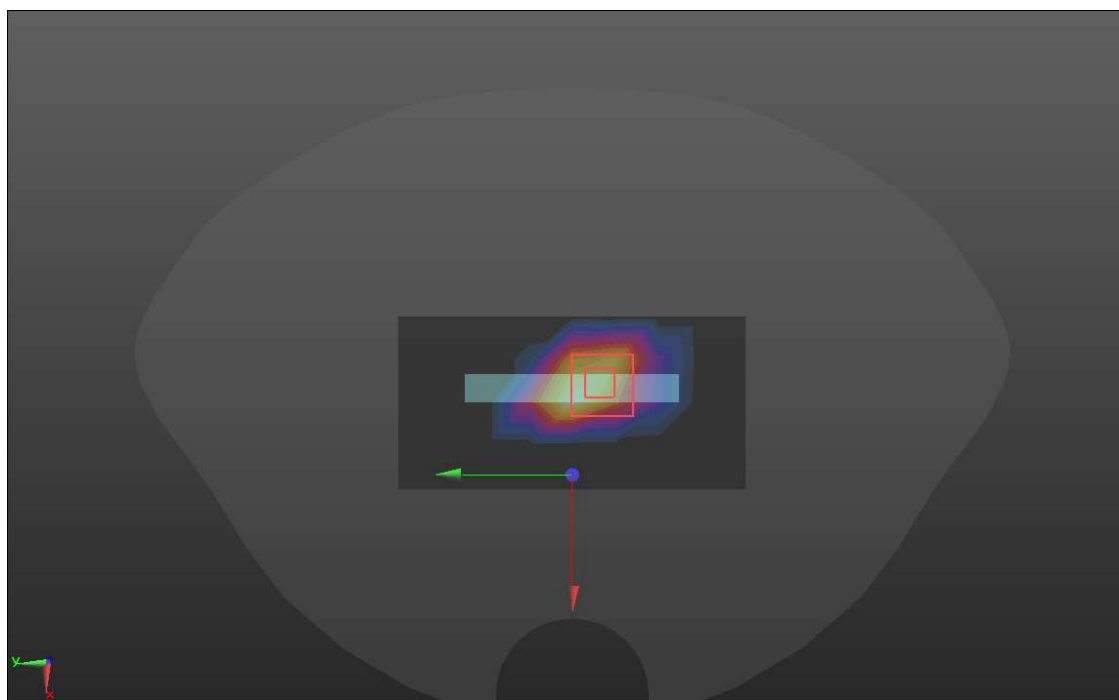
Bottom/GPRS1900/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.56 V/m; Power Drift = 0.17 dB

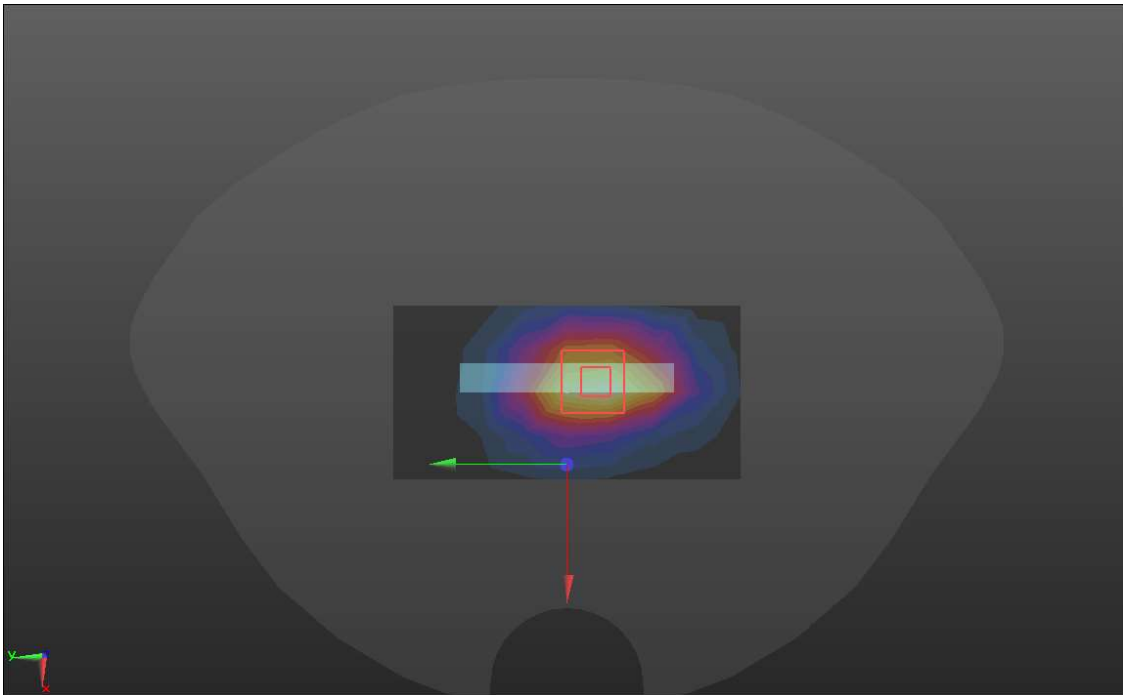
Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.202 W/kg

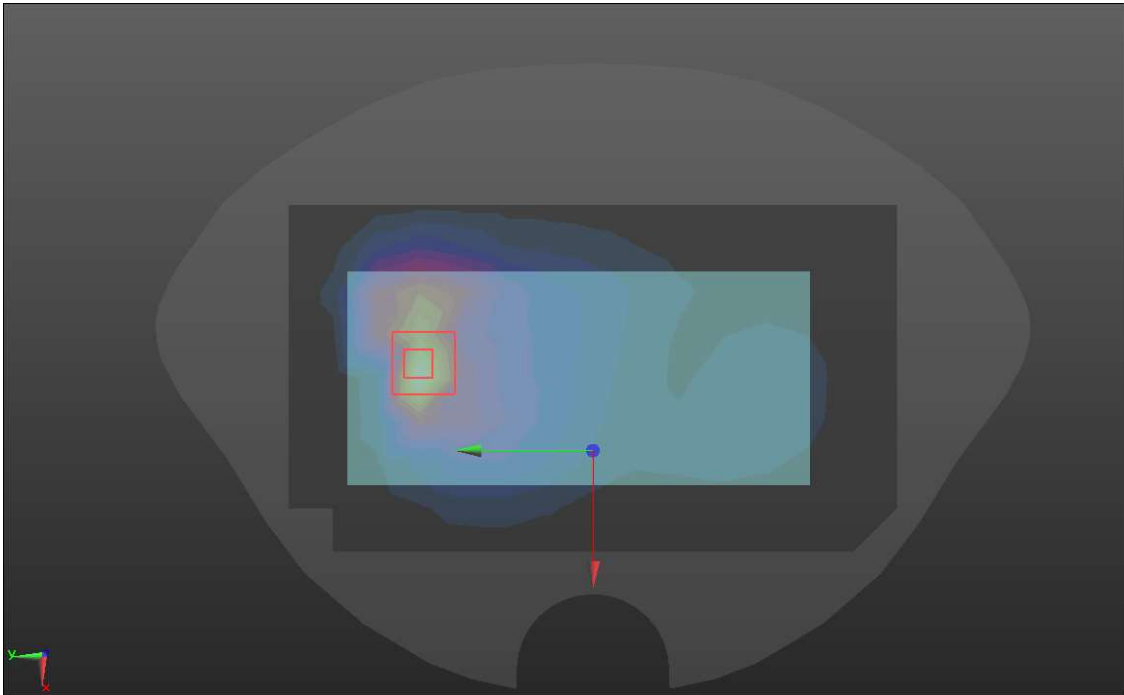
Maximum value of SAR (measured) = 0.526 W/kg



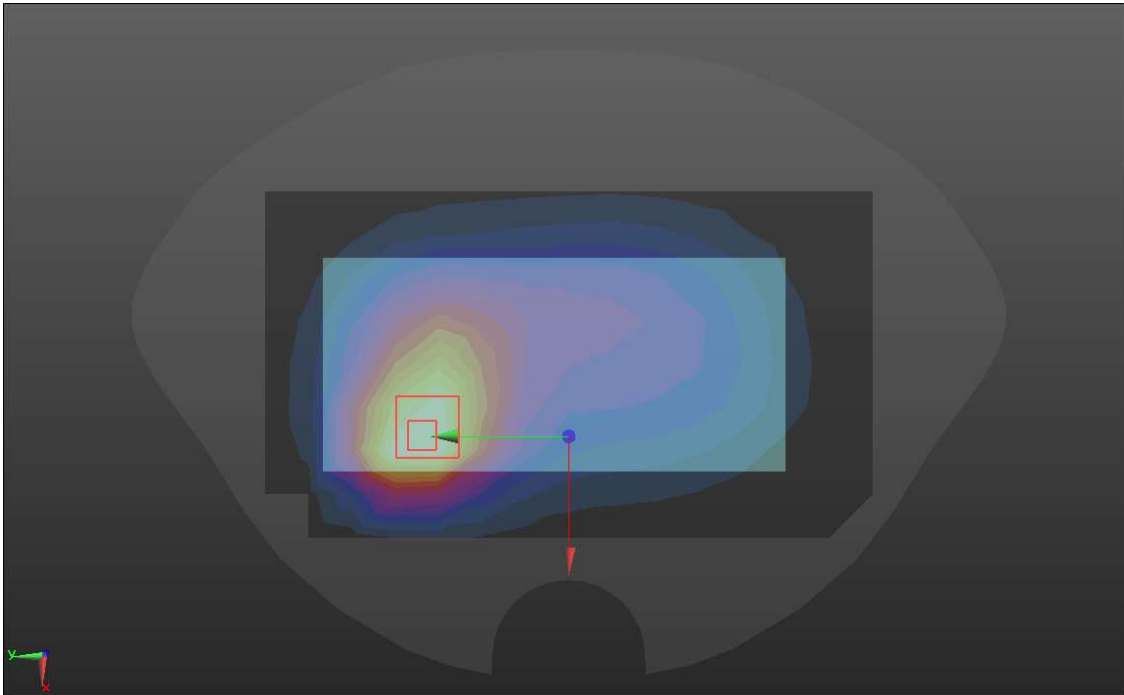
WCDMA Band II

Hotspot	Bottom
Communication System: UID 0, WCDMA BAND2 (0); Frequency: 1880 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Bottom/WCDMA Band2/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.06 W/kg Bottom/WCDMA Band2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 27.45 V/m; Power Drift = 0.00 dB Peak SAR (extrapolated) = 1.35 W/kg SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.436 W/kg Maximum value of SAR (measured) = 1.13 W/kg	
	

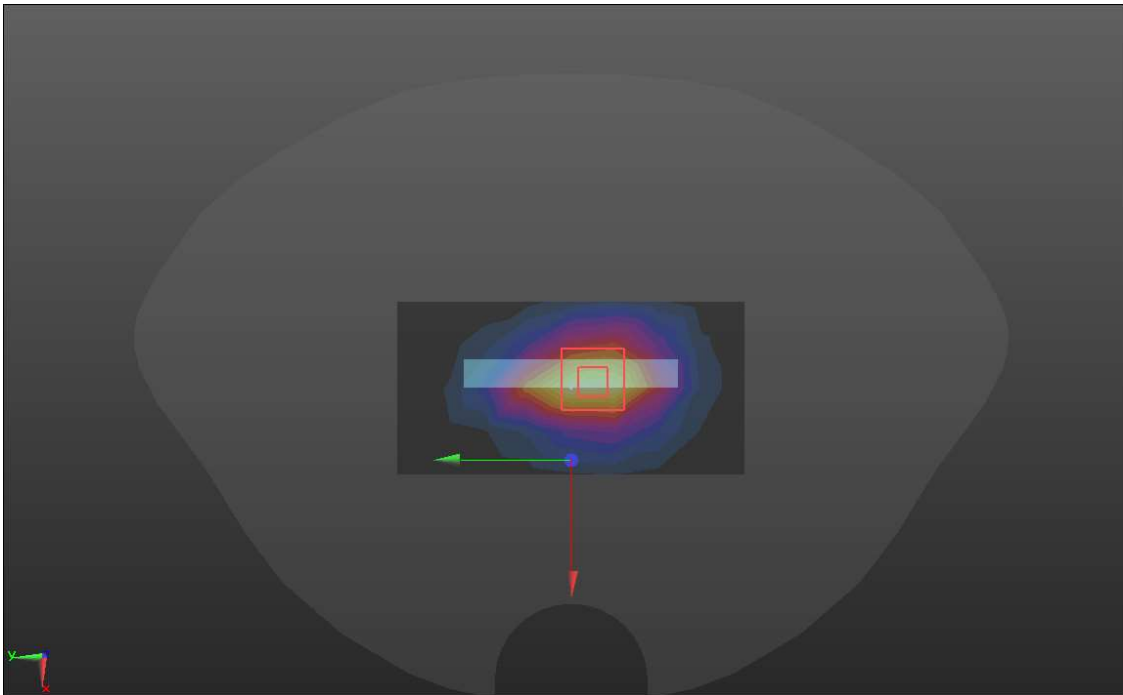
WCDMA Band IV

Hotspot	Back
Communication System: UID 0, WCDMA BAND4 (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 40.07$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(8.27, 8.27, 8.27); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) Back/WCDMA Band4/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.823 W/kg Back/WCDMA Band4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 11.20 V/m; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.961 W/kg SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.341 W/kg Maximum value of SAR (measured) = 0.823 W/kg 	

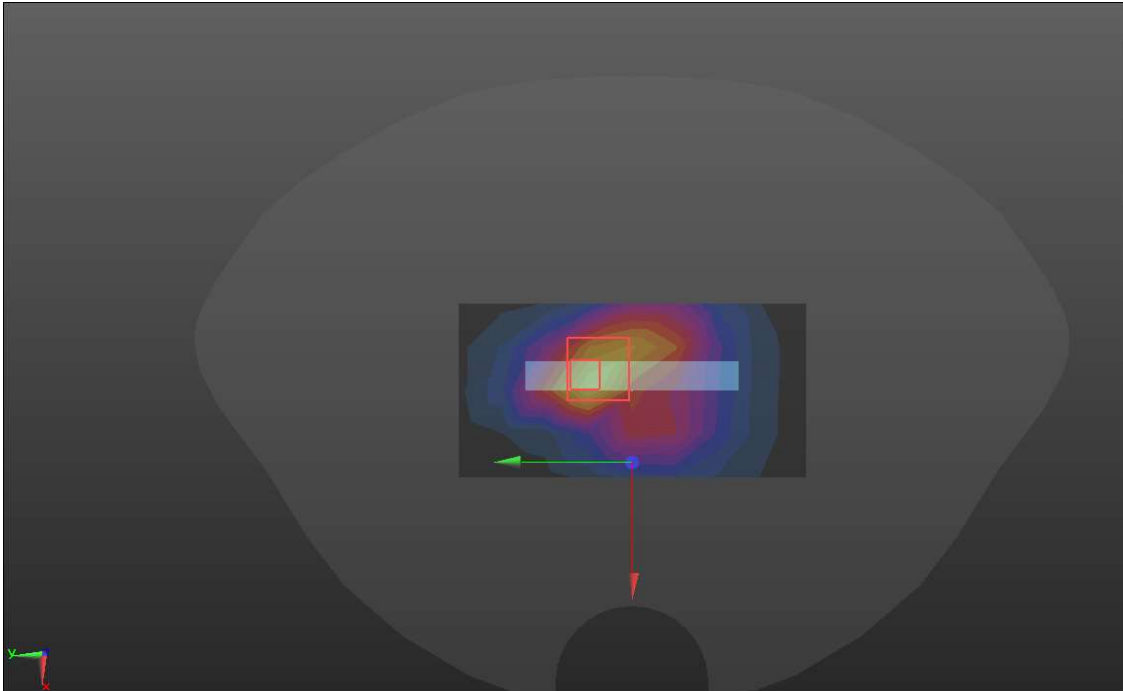
WCDMA Band V

Hotspot	Back
Communication System: UID 0, WCDMA BAND 5 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.528$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.39, 9.39, 9.39); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) Back/WCDMA Band5/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.444 W/kg Back/WCDMA Band5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 13.41 V/m; Power Drift = -0.07 dB Peak SAR (extrapolated) = 0.569 W/kg SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.219 W/kg Maximum value of SAR (measured) = 0.490 W/kg 	

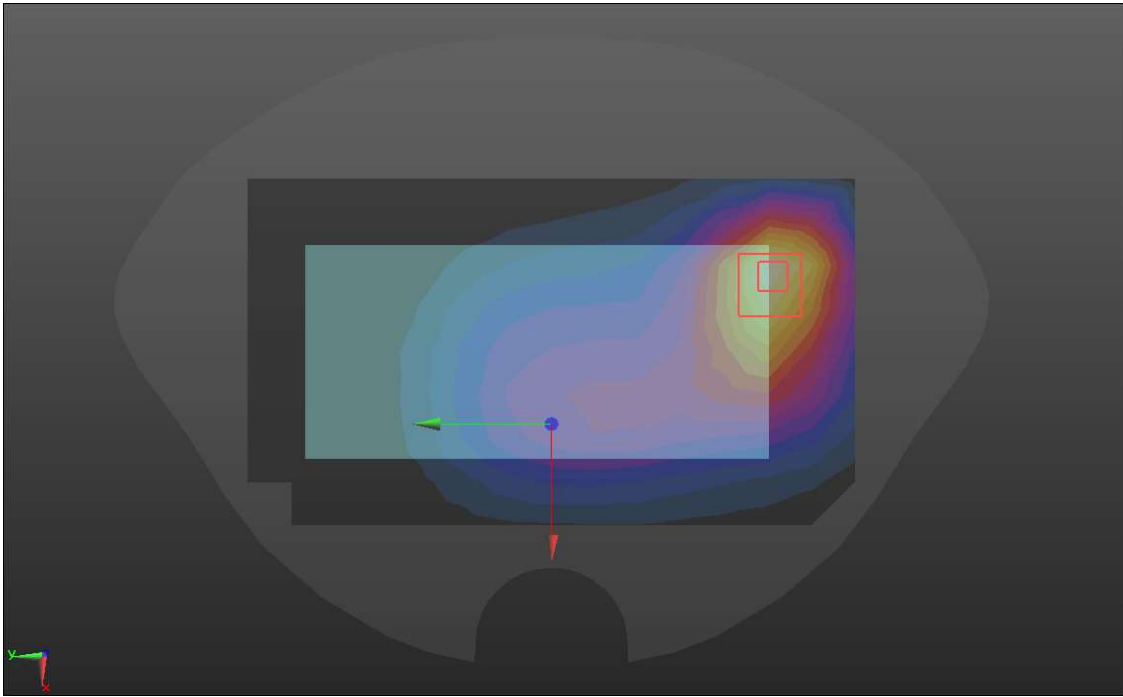
LTE Band2

Hotspot	Bottom
Communication System: UID 0, LTE band 02 (0); Frequency: 1880 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Bottom/LTE B2/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.17 W/kg Bottom/LTE B2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 29.80 V/m; Power Drift = 0.05 dB Peak SAR (extrapolated) = 1.46 W/kg SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.474 W/kg Maximum value of SAR (measured) = 1.22 W/kg 	

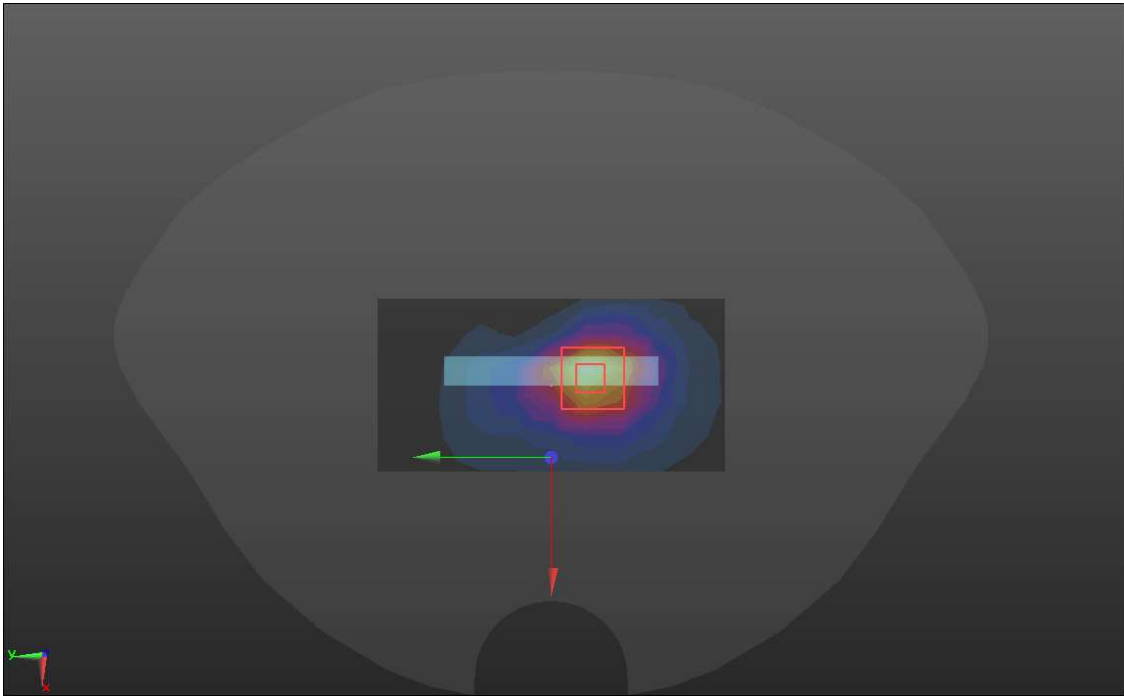
LTE Band4

Hotspot	Bottom
Communication System: UID 0, LTE BAND4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 1732.5 \text{ MHz}$; $\sigma = 1.375 \text{ S/m}$; $\epsilon_r = 40.07$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(8.27, 8.27, 8.27); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Bottom/LTE B4/Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.835 W/kg Bottom/LTE B4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 22.84 V/m; Power Drift = -0.13 dB Peak SAR (extrapolated) = 0.453 W/kg SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.351 W/kg Maximum value of SAR (measured) = 0.857 W/kg 	

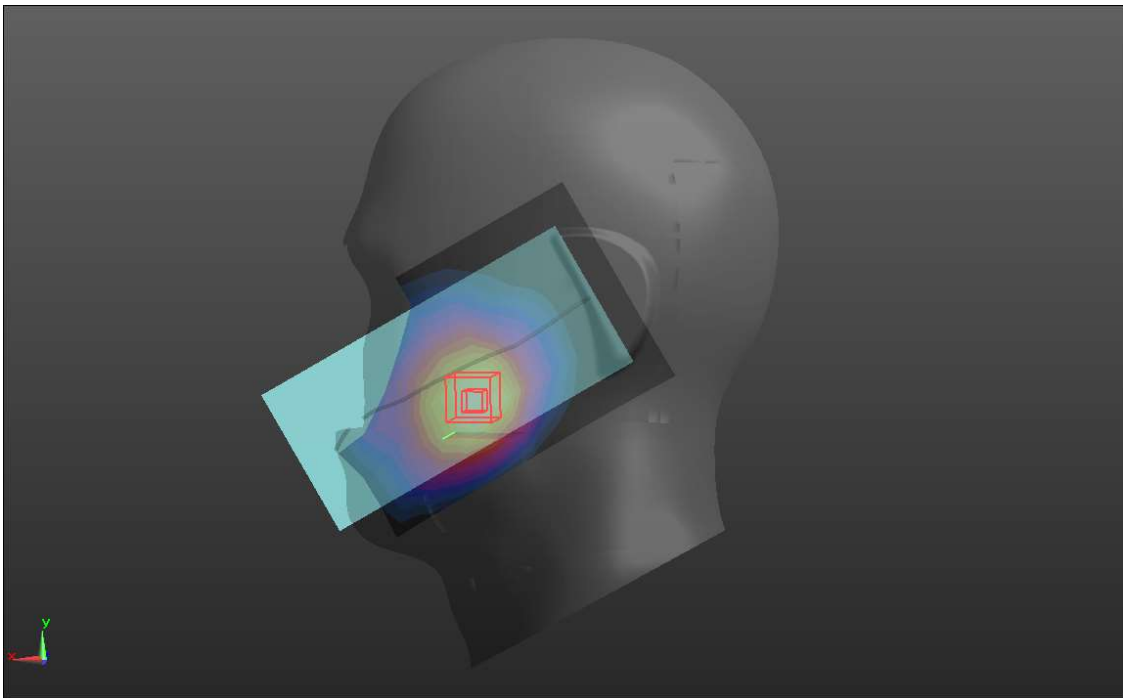
LTE Band5

Hotspot	Back
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz;Duty Cycle: 1:3.7325 Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.905 \text{ S/m}$; $\epsilon_r = 41.528$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.39, 9.39, 9.39); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) Back/LTE B5/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.278 W/kg Back/LTE B5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 10.76 V/m; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.322 W/kg SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.132 W/kg Maximum value of SAR (measured) = 0.281 W/kg	
	

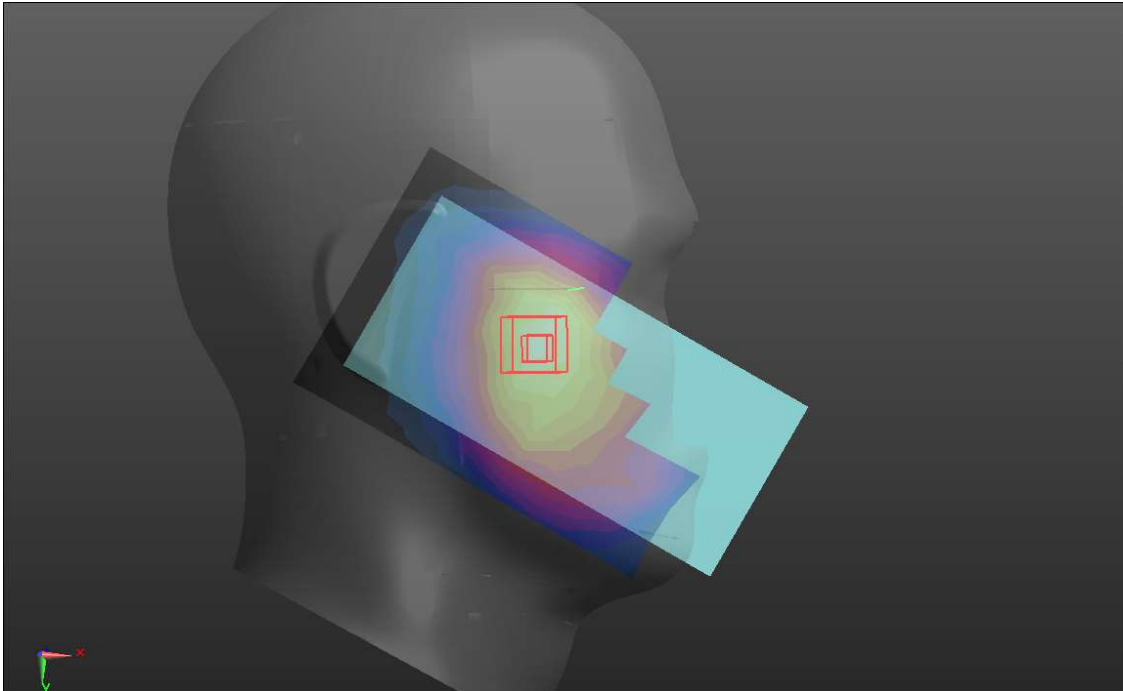
LTE Band7

Hotspot	Bottom
Communication System: UID 0, LTE Band 7 (0); Frequency: 2535 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 39.084$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.37, 7.37, 7.37); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Bottom/LTE B7/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.688 W/kg Bottom/LTE B7/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 15.71 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 0.911 W/kg SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.219 W/kg Maximum value of SAR (measured) = 0.734 W/kg 	

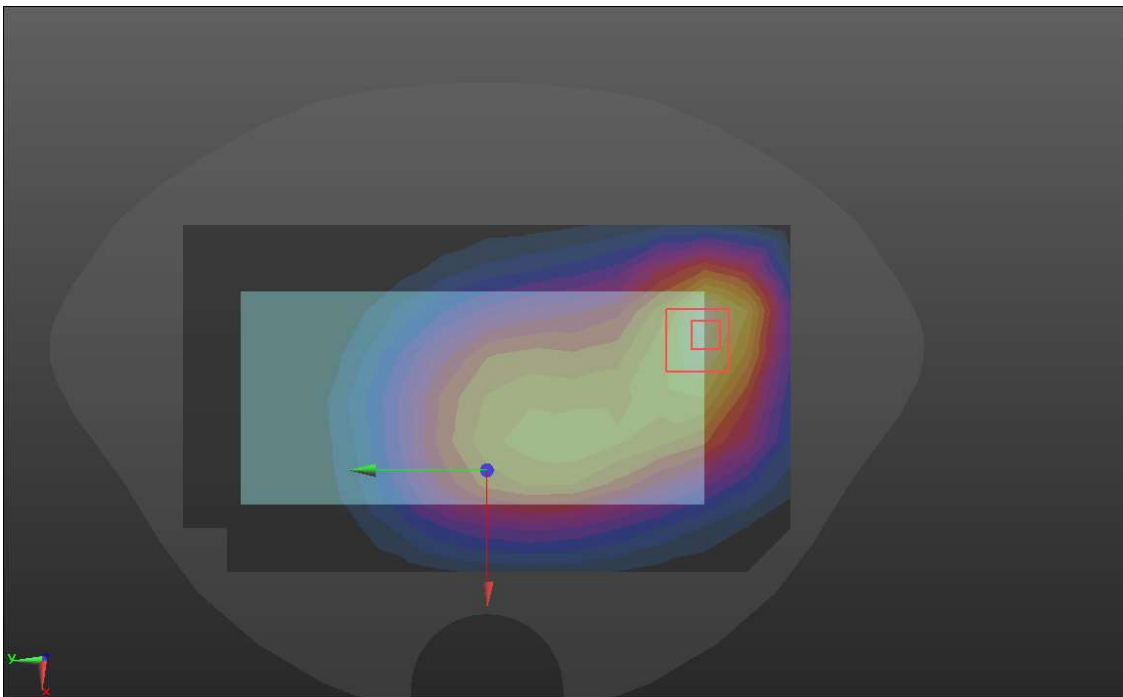
LTE Band12

Head	Left Cheek
Communication System: UID 0, LTE BAND12 (0); Frequency: 707.5 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 42.115$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Left Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.75, 9.75, 9.75); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) LC/LTE B12/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.0924 W/kg LC/LTE B12/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 2.844 V/m; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.103 W/kg SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.041 W/kg Maximum value of SAR (measured) = 0.0874 W/kg 	

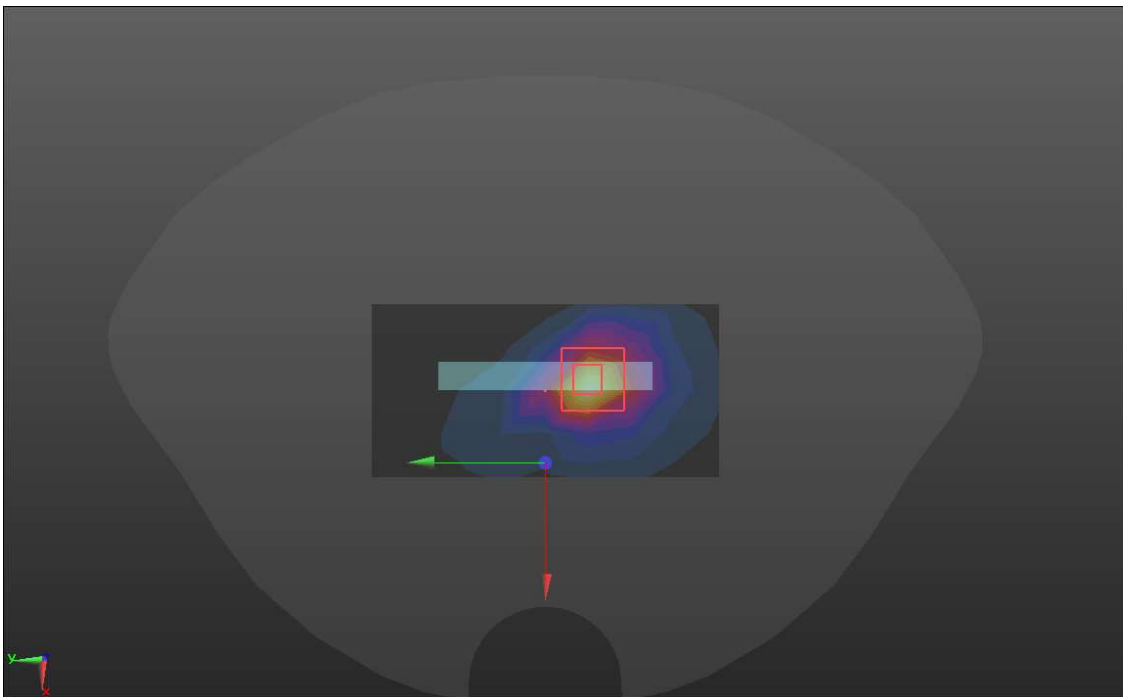
LTE Band13

Head	Right Cheek
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz;Duty Cycle: 1:3.73594 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 41.712$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Right Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.75, 9.75, 9.75); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) RC/LTE B13/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.0989 W/kg RC/LTE B13/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 2.852 V/m; Power Drift = -0.17 dB Peak SAR (extrapolated) = 0.104 W/kg SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.065 W/kg Maximum value of SAR (measured) = 0.0965 W/kg 	

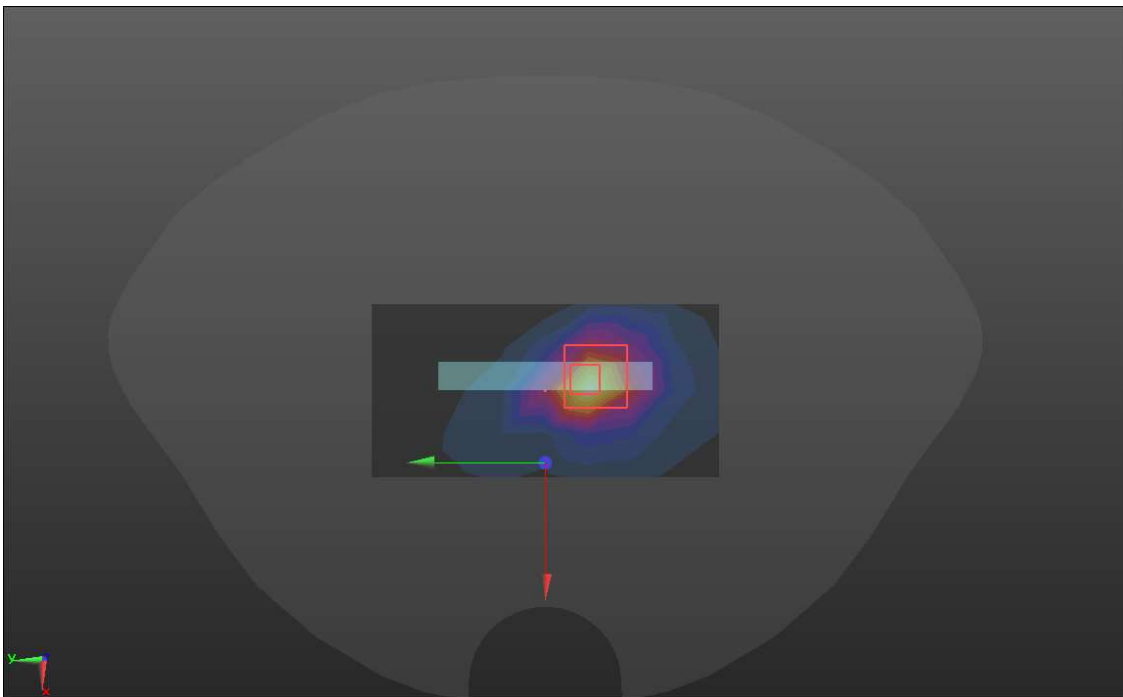
LTE Band17

Hotspot	Back
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 704 MHz;Duty Cycle: 1:3.7325 Medium parameters used (interpolated): $f = 704 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 42.133$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(9.75, 9.75, 9.75); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) Back/LTE B17/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.107 W/kg Back/LTE B17/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 9.458 V/m; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.122 W/kg SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.054 W/kg Maximum value of SAR (measured) = 0.102 W/kg 	

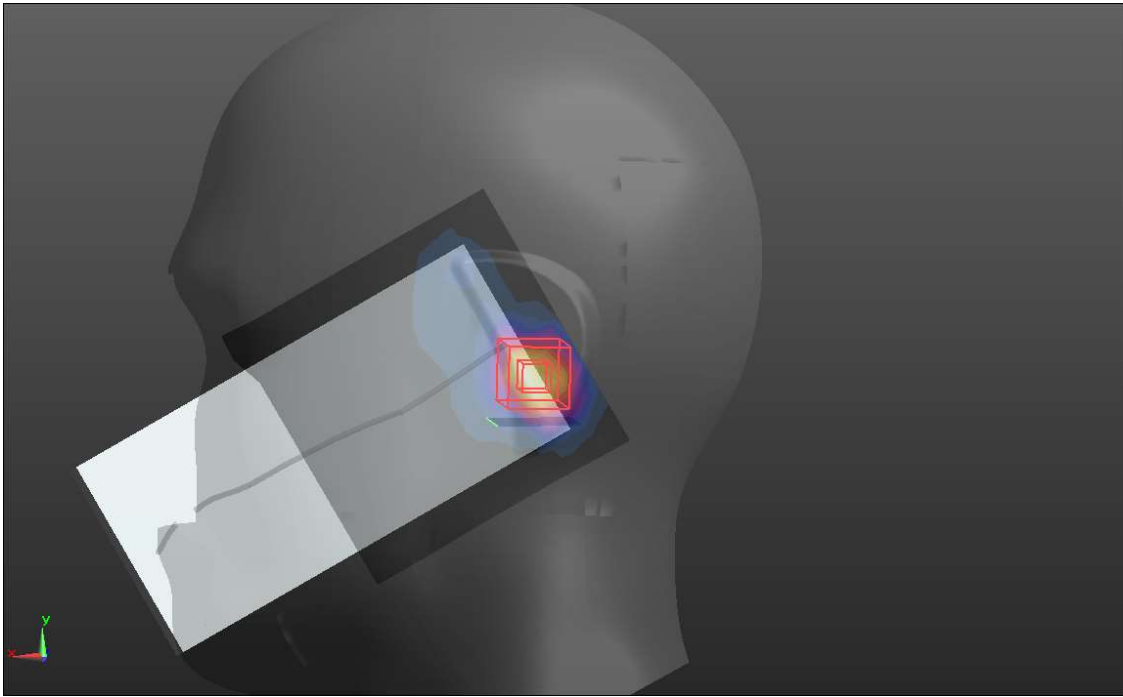
LTE Band38

Hotspot	Bottom
Communication System: UID 0, LTE BAND38 (0); Frequency: 2595 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 39.006$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.37, 7.37, 7.37); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Bottom/LTE B38/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.315 W/kg Bottom/LTE B38/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 8.849 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.437 W/kg SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.093 W/kg Maximum value of SAR (measured) = 0.345 W/kg 	

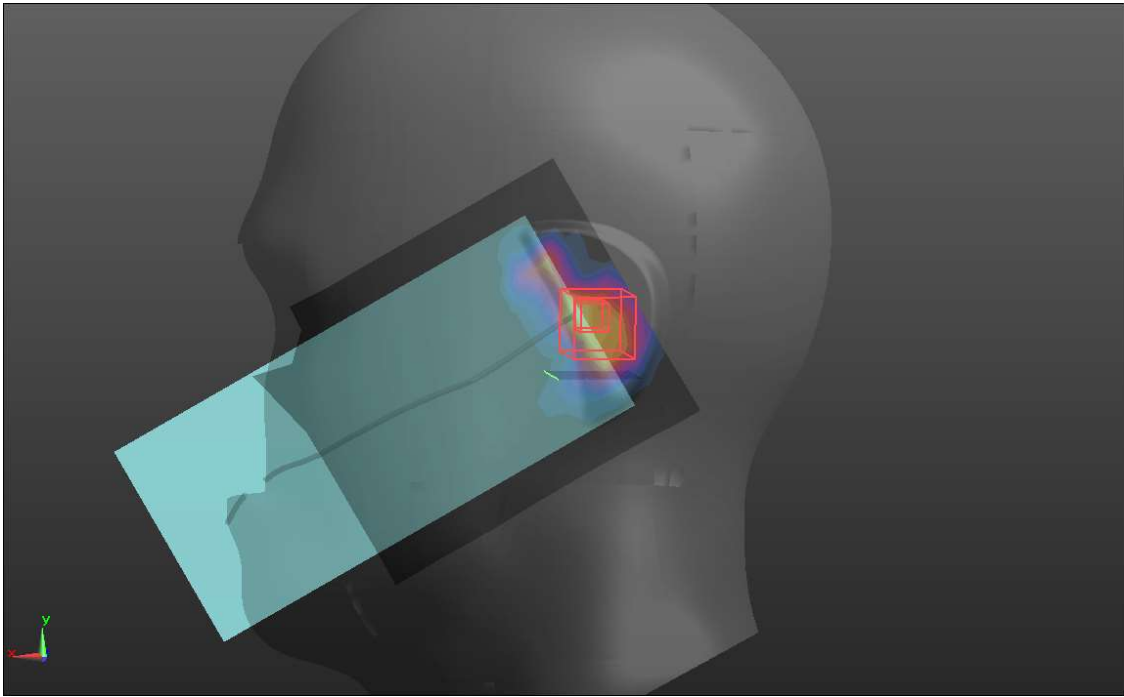
LTE Band41

Hotspot	Bottom
Communication System: UID 0, LTE BAND41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 39.009$; $\rho = 1000$ kg/m³ Phantom section: Flat Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.37, 7.37, 7.37); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373) Bottom/LTE B41/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.371 W/kg Bottom/LTE B41/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 9.664 V/m; Power Drift = 0.20 dB Peak SAR (extrapolated) = 0.717 W/kg SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.112 W/kg Maximum value of SAR (measured) = 0.397 W/kg 	

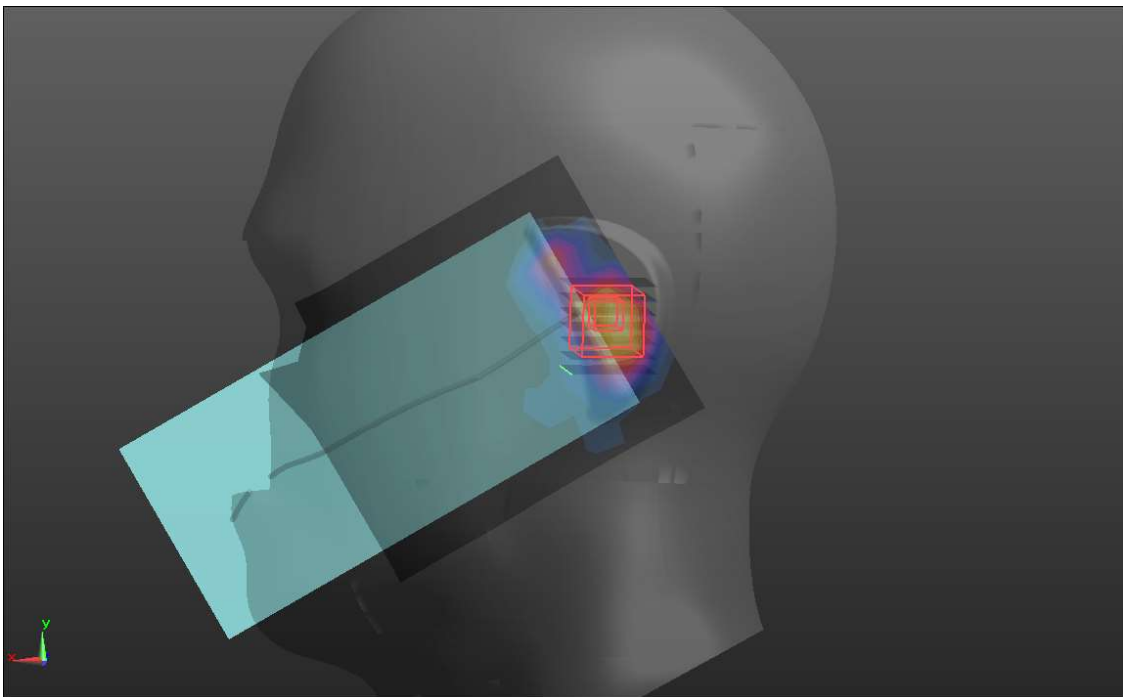
WIFI 2.4GHz MIMO

Head	Left Tilt
Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz;Duty Cycle: 1:1.53886 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.788$ S/m; $\epsilon_r = 39.219$; $\rho = 1000$ kg/m³ Phantom section: Left Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(7.48, 7.48, 7.48); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) LT/2.4G MIMO/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 0.302 W/kg LT/2.4G MIMO/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm Reference Value = 7.519 V/m; Power Drift = -0.13 dB Peak SAR (extrapolated) = 0.354 W/kg SAR(1 g) = 0.266W/kg; SAR(10 g) = 0.142 W/kg Maximum value of SAR (measured) = 0.281 W/kg	
	

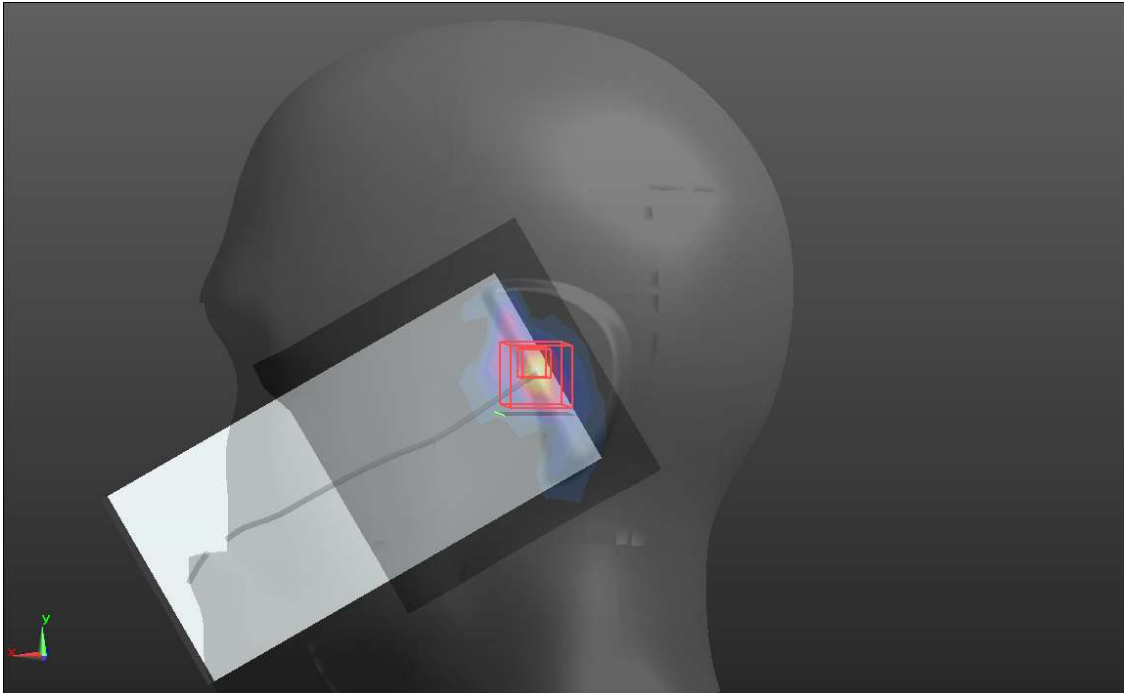
WIFI 5GHz UNII-1 MIMO

Head	Left Cheek
Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5220 MHz;Duty Cycle: 1:7.37564 Medium parameters used (interpolated): $f = 5220 \text{ MHz}$; $\sigma = 4.68 \text{ S/m}$; $\epsilon_r = 35.98$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Left Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(5.57, 5.57, 5.57); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) LC/5.2G MIMO/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$Maximum value of SAR (measured) = 0.289 W/kg LC/5.2G MIMO/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2\text{mm}$ Reference Value = 9.246 V/m; Power Drift = -0.14 dB Peak SAR (extrapolated) = 0.612W/kg SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.123 W/kg - Maximum value of SAR (measured) = 0.243 W/kg	
	

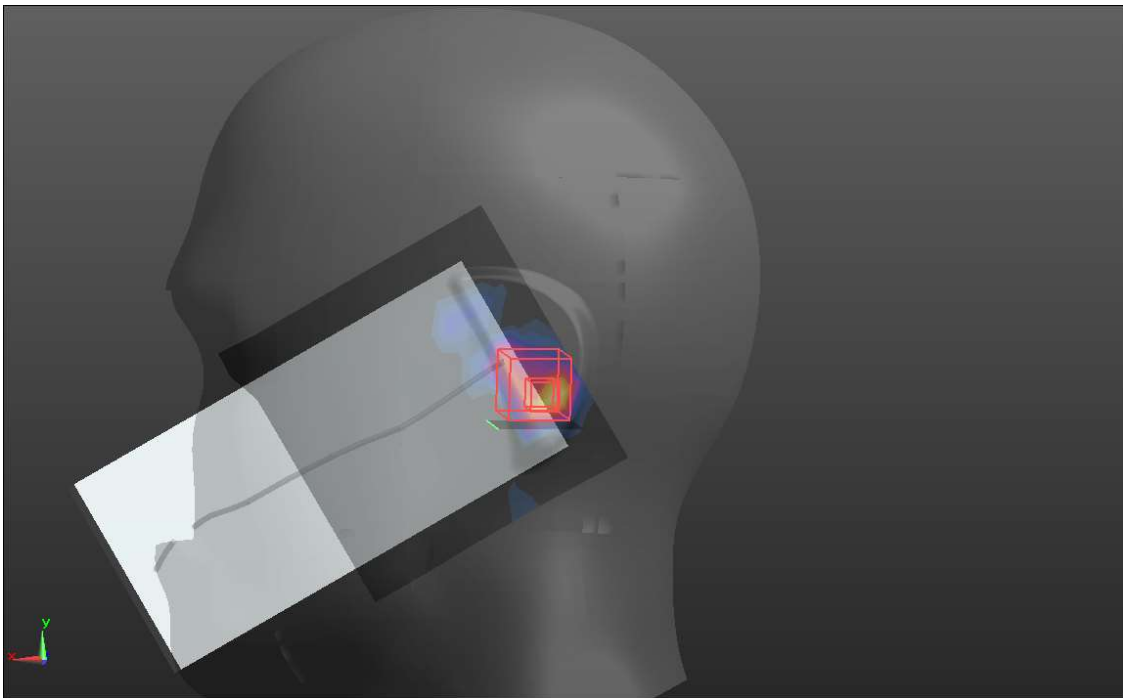
WIFI 5GHz UNII-2A MIMO

Head	Left Cheek
Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz;Duty Cycle: 1:7.37564 Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 4.74$ S/m; $\epsilon_r = 35.92$; $\rho = 1000$ kg/m³ Phantom section: Left Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(5.43, 5.43, 5.43); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) LC/5.3G MIMO/Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 0.274 W/kg LC/5.3G MIMO/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm Reference Value = 7.315 V/m; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.515 W/kg SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.038 W/kg Maximum value of SAR (measured) = 0.355 W/kg	
	

WIFI 5GHz UNII-2C MIMO

Head	Left Tilt
Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5580 MHz;Duty Cycle: 1:7.37564 Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.049$ S/m; $\epsilon_r = 35.526$; $\rho = 1000$ kg/m³ Phantom section: Left Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(4.95, 4.95, 4.95); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) LT/5.5G MIMO/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 0.253 W/kg LT/5.5G MIMO/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm Reference Value = 7.135 V/m; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.448 W/kg SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.113 W/kg Maximum value of SAR (measured) = 0.231 W/kg 	

WIFI 5GHz UNII-3 MIMO

Head	Left Tilt
Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5785 MHz;Duty Cycle: 1:7.37564 Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.255 \text{ S/m}$; $\epsilon_r = 35.315$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Left Section DASY5 Configuration: - Probe: EX3DV4 - SN3708; ConvF(5.12, 5.12, 5.12); Calibrated: 2020/10/30; - Sensor-Surface: 1.4mm (Mechanical Surface Detection) - Electronics: DAE4 Sn546; Calibrated: 2020/11/11 - Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373) LT/5.8G MIMO/Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.474 W/kg LT/5.8G MIMO/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2\text{mm}$ Reference Value = 6.628 V/m; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.512 W/kg SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.183 W/kg Maximum value of SAR (measured) = 0.413 W/kg 	

Bluetooth

Head

Left Tilt

Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 39.213$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(7.48, 7.48, 7.48); Calibrated: 2020/10/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn546; Calibrated: 2020/11/11
- Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7373)

LT/BT/Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.198 W/kg

LT/BT/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.721 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.151 W/kg

