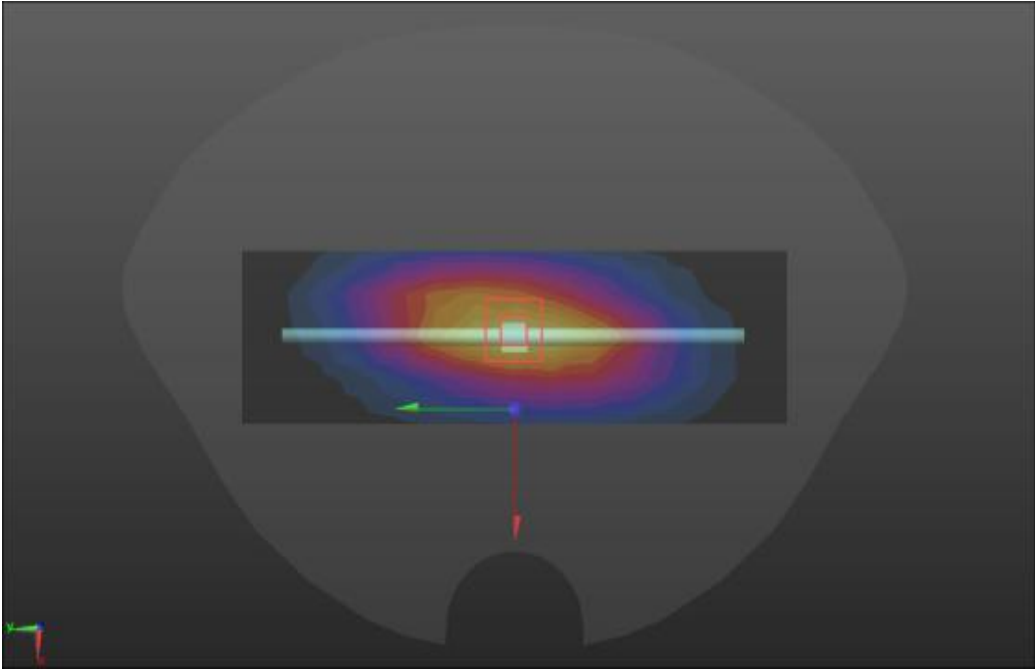
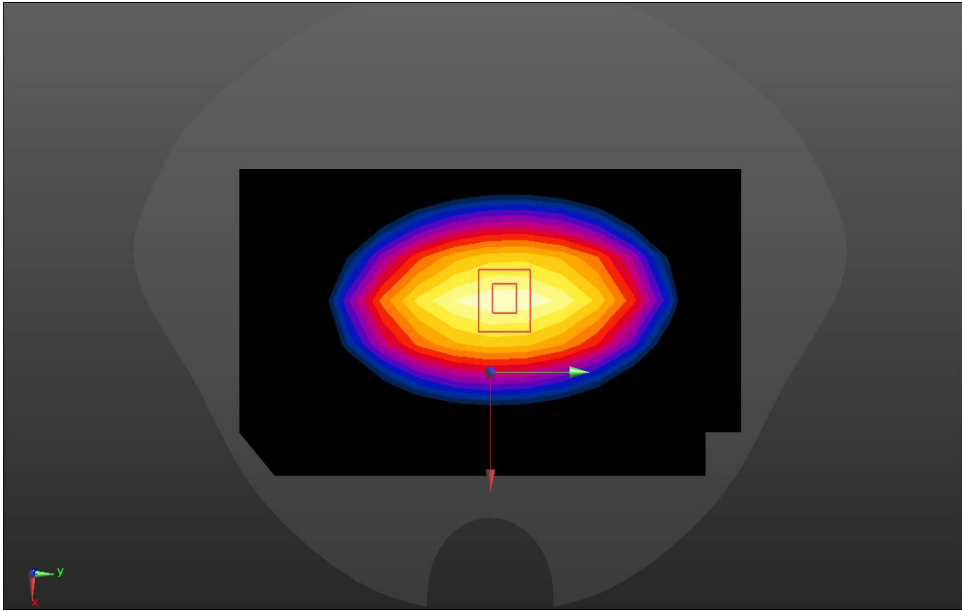


ANNEX A – TEST PLOTS

System check	750MHz 2021.07.01
<p>Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 40.77$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> • Probe: EX3DV4 - SN3708; ConvF(9.75, 9.75, 9.75) @ 750 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 (4); SEMCAD X Version 14.6.14 (7483) <p>D750/Dipole 750MHz/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 2.51 W/kg</p> <p>D750/Dipole 750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 55.69 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 2.87 W/kg SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.22 W/kg Maximum value of SAR (measured) = 2.53 W/kg</p> 	

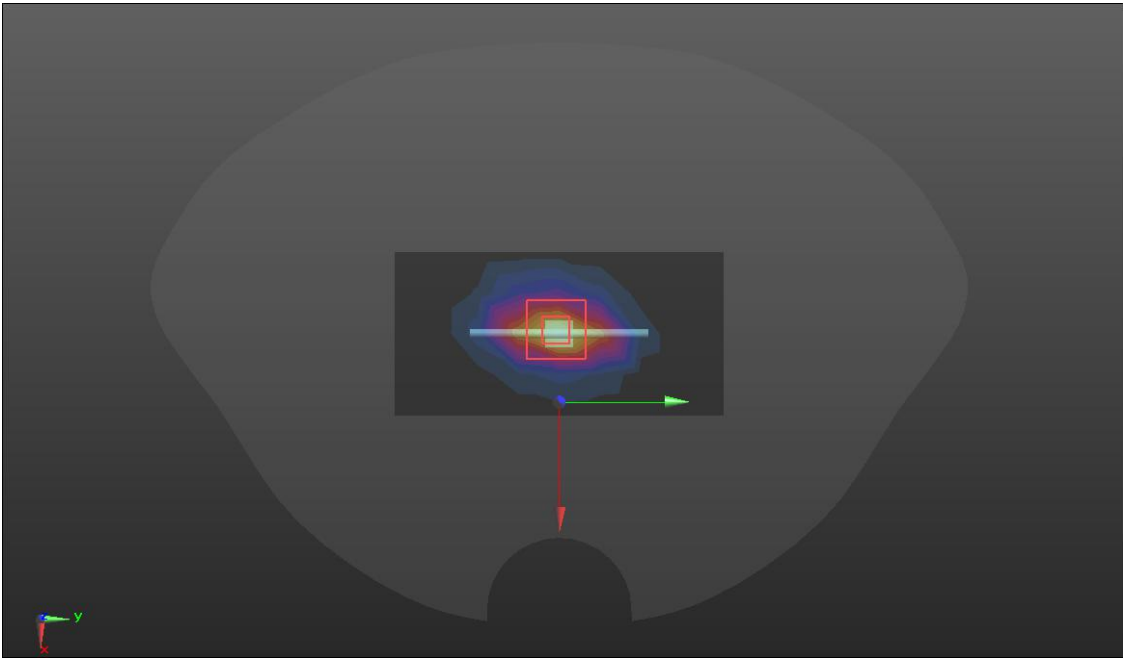
SRTC performed system check by using 250mw at antenna port

System check	835MHz 2021.07.10
<p>Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 42.7$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(9.48, 9.48, 9.48) @ 835 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 (4); SEMCAD X Version 14.6.14 (7483) <p>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</p> <p>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) = 2.26 W/kg; SAR(10 g) = 1.51 W/kg Maximum value of SAR (measured) = 2.75 W/kg</p> 	

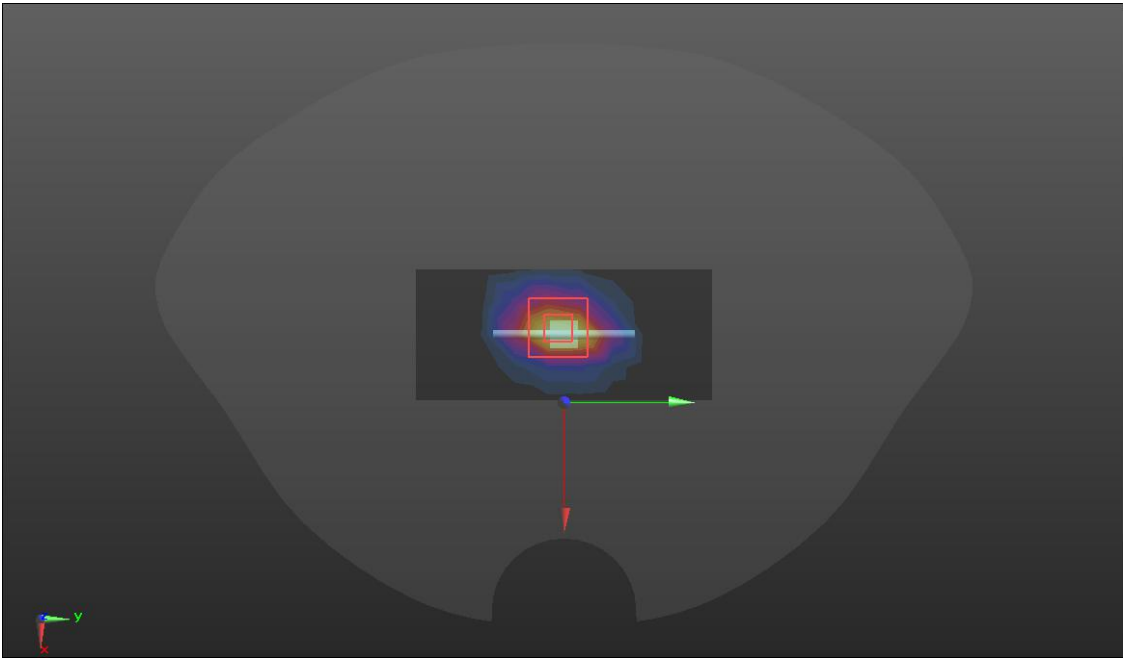
SRTC performed system check by using 250mw at antenna port

System check	1800MHz 2021.07.12
<p>Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.48 \text{ S/m}$; $\epsilon_r = 38.37$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(8.27, 8.27, 8.27) @ 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 (4); SEMCAD X Version 14.6.14 (7483) <p>D1800/Dipole 1800MHz/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 15.3 W/kg</p> <p>D1800/Dipole 1800MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 107.8 V/m; Power Drift = 0.05 dB Peak SAR (extrapolated) = 18.7 W/kg SAR(1 g) = 9.66 W/kg; SAR(10 g) = 5.21 W/kg Maximum value of SAR (measured) = 15.6 W/kg</p> 	

SRTC performed system check by using 250mw at antenna port

System check	2000MHz 2021.07.18
<p>Communication System: UID 0, CW (0); Frequency: 2000 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 2000 \text{ MHz}$; $\sigma = 1.43 \text{ S/m}$; $\epsilon_r = 39.65$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(7.94, 7.94, 7.94) @ 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 (4); SEMCAD X Version 14.6.14 (7483) <p>D2000/Dipole 2000MHz/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 15.2 W/kg</p> <p>D2000/Dipole 2000MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 107.6 V/m; Power Drift = 0.04 dB Peak SAR (extrapolated) = 18.9 W/kg SAR(1 g) = 10.23 W/kg; SAR(10 g) = 5.16W/kg Maximum value of SAR (measured) = 15.5 W/kg</p> 	

SRTC performed system check by using 250mw at antenna port

System check	2450MHz 2021.07.26
<p>Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 38.74$; $\rho = 1000$ kg/m³ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(7.48, 7.48, 7.48) @ 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 (4); SEMCAD X Version 14.6.14 (7483) <p>D2450/Dipole 2450MHz/Area Scan (5x10x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 18.1 W/kg</p> <p>D2450/Dipole 2450MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 107.6 V/m; Power Drift = 0.06 dB Peak SAR (extrapolated) = 25.1 W/kg SAR(1 g) = 13.58 W/kg; SAR(10 g) = 6.17 W/kg Maximum value of SAR (measured) = 20.3 W/kg</p> 	

SRTC performed system check by using 250mw at antenna port

System check	5200MHz 2021.08.15
<p>Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.52 \text{ S/m}$; $\epsilon_r = 35.87$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(5.57, 5.57, 5.57) @ 5200 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: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483) <p>D5GV2 20210423/D5200 SYSTEM CHECK 2 2/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 18.2 W/kg</p> <p>D5GV2 20210423/D5200 SYSTEM CHECK 2 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 68.10 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 30.7 W/kg SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.18 W/kg Maximum value of SAR (measured) = 18.9 W/kg</p> 	

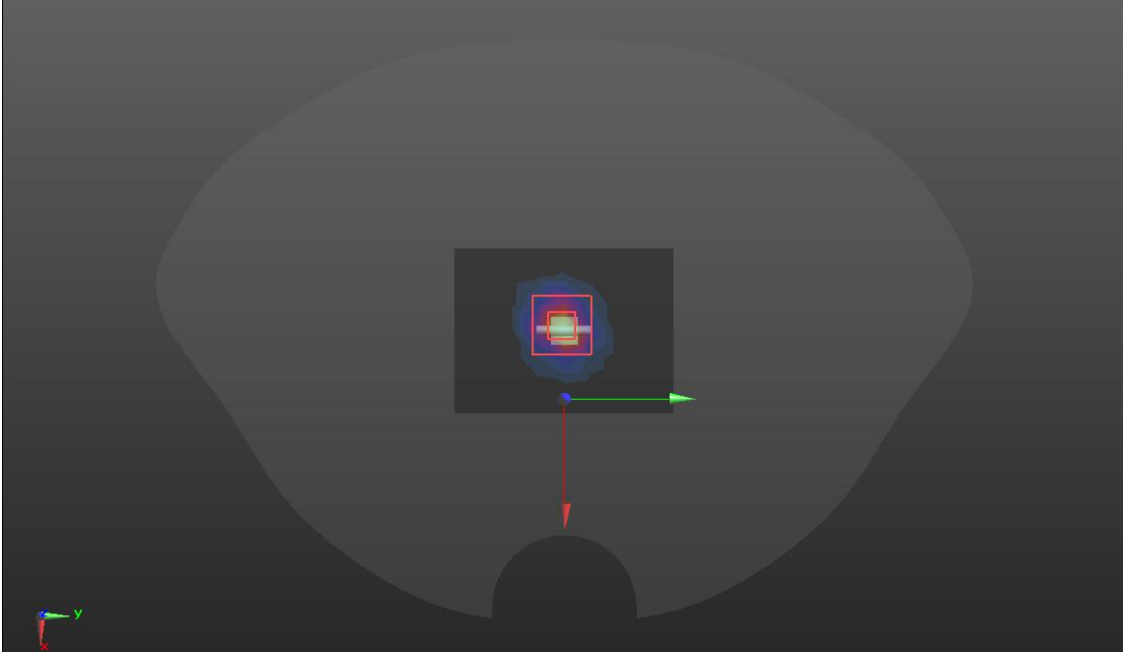
SRTC performed system check by using 100mw at antenna port

System check	5300MHz 2021.08.26
<p>Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.57 \text{ S/m}$; $\epsilon_r = 36.21$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(5.43, 5.43, 5.43) @ 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: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483) <p>D5GV2 20210423/D5300 SYSTEM CHECK/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 17.8 W/kg</p> <p>D5GV2 20210423/D5300 SYSTEM CHECK/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 66.76 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 30.5 W/kg SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.08 W/kg Maximum value of SAR (measured) = 18.4 W/kg</p> 	

SRTC performed system check by using 100mw at antenna port

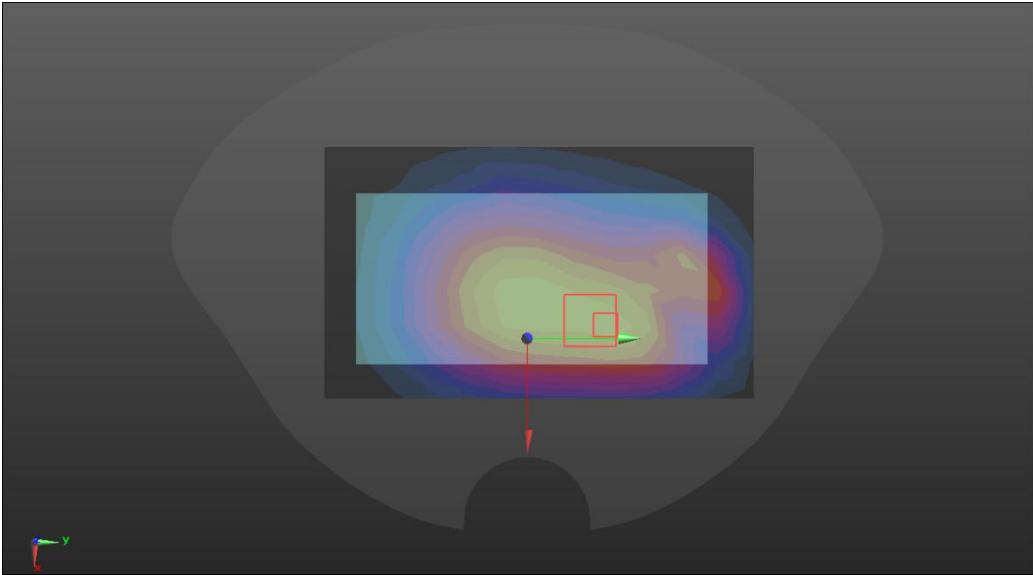
System check	5600MHz 2021.08.27
<p>Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.11$ S/m; $\epsilon_r = 35.66$; $\rho = 1000$ kg/m³ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(4.95, 4.95, 4.95) @ 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: 9/30/2020 Phantom: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483) <p>D5GV2 20210423/D5600 SYSTEM CHECK/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 19.5 W/kg</p> <p>D5GV2 20210423/D5600 SYSTEM CHECK/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 67.74 V/m; Power Drift = 0.15 dB Peak SAR (extrapolated) = 36.2 W/kg SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.21 W/kg Maximum value of SAR (measured) = 20.4 W/kg</p> 	

SRTC performed system check by using 100mw at antenna port

System check	5800MHz 2021.08.28
<p>Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 34.86$; $\rho = 1000$ kg/m³ Phantom section: Flat Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(5.12, 5.12, 5.12) @ 5800 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: Twin-SAM 1559; Type: QD 000 P40 CD; Serial: xxxx Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483) <p>D5GV2 20210423/D5800 SYSTEM CHECK 2/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 18.1 W/kg</p> <p>D5GV2 20210423/D5800 SYSTEM CHECK 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 64.34 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 34.5 W/kg SAR(1 g) = 7.94 W/kg; SAR(10 g) = 1.98 W/kg Maximum value of SAR (measured) = 18.9 W/kg</p> 	

SRTC performed system check by using 100mw at antenna port

GSM 850

Body-worn	Back 2021.07.10
<p>Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 4:8.30042 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</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(9.39, 9.39, 9.39) @ 836.6 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 (4); SEMCAD X Version 14.6.14 (7483) <p>SKU1 BACK/GSM 850/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.346 W/kg</p> <p>SKU1 BACK/GSM 850/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 19.38 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.486 W/kg SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.250 W/kg Maximum value of SAR (measured) = 0.435 W/kg</p> 	

GSM 1900

Body-worn

Back 2021.07.18

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 3:8.3002

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(7.94, 7.94, 7.94) @ 1880 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 (4); SEMCAD X Version 14.6.14 (7483)

BACK/GSM1900/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.163 W/kg

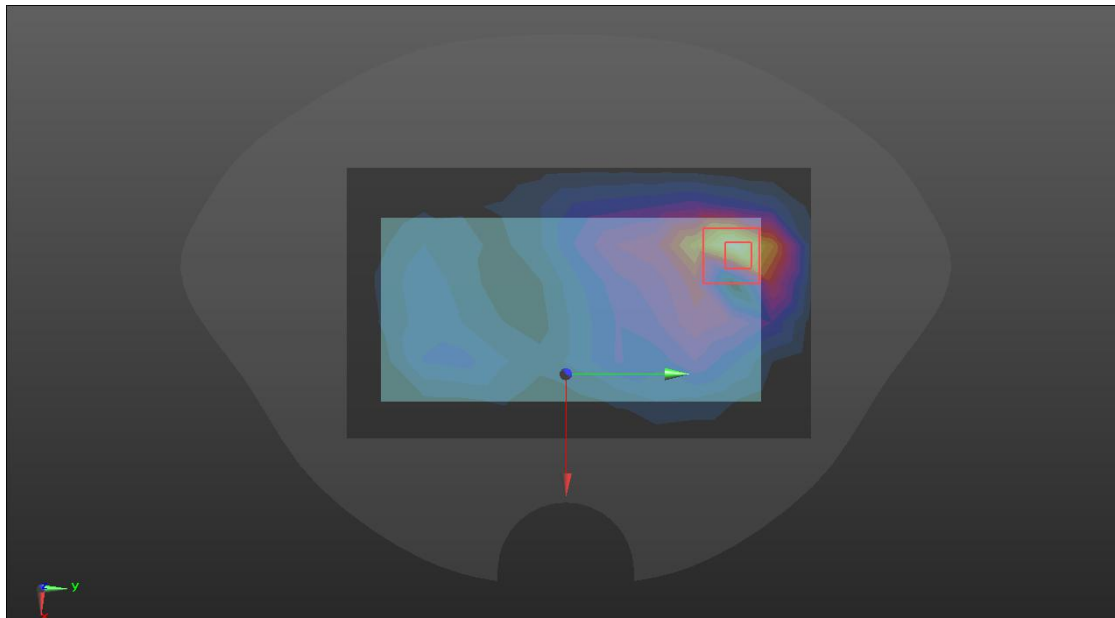
BACK/GSM1900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.397 V/m; Power Drift = -0.02 dB

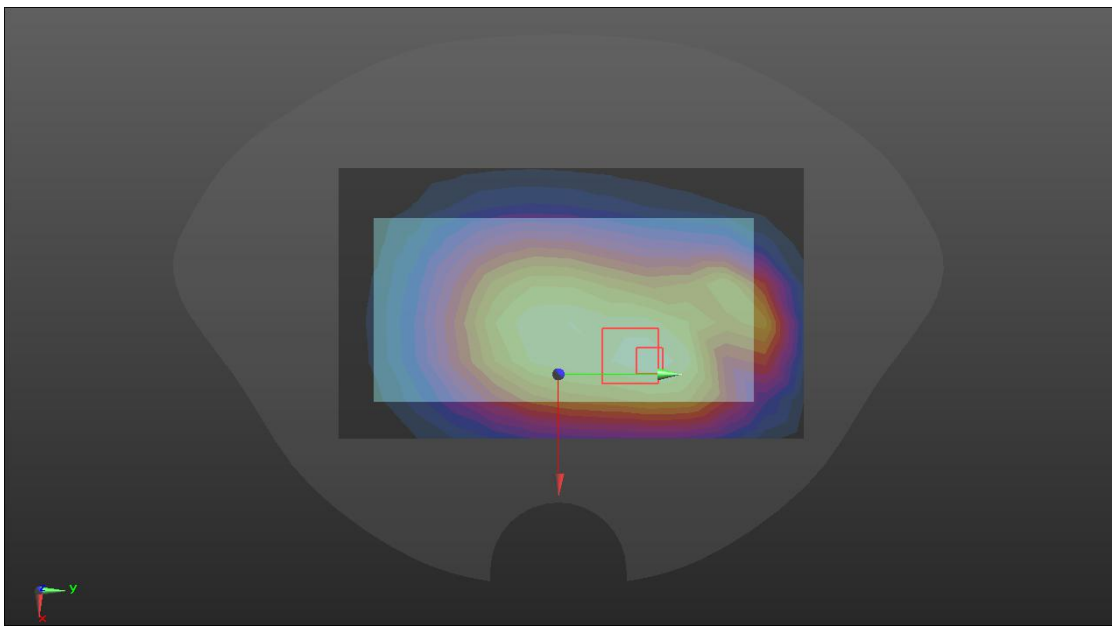
Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.171 W/kg



WCDMA BandV

Body-worn	Back 2021.07.10
<p>Communication System: UID 0, WCDMA 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</p>	
<p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(9.39, 9.39, 9.39) @ 836.6 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 (4); SEMCAD X Version 14.6.14 (7483) <p>SKU1 BACK/WCDMA B5/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.228 W/kg</p> <p>SKU1 BACK/WCDMA B5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 15.30 V/m; Power Drift = 0.16 dB Peak SAR (extrapolated) = 0.261 W/kg SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.132 W/kg Maximum value of SAR (measured) = 0.232 W/kg</p>	
	

LTE Band5

Body-worn	Back 2021.07.10
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Communication System: UID 0, LTE BAND05 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ 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) @ 836.5 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 (4); SEMCAD X Version 14.6.14 (7483)

SKU1 BACK/LTE 5/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.226 W/kg

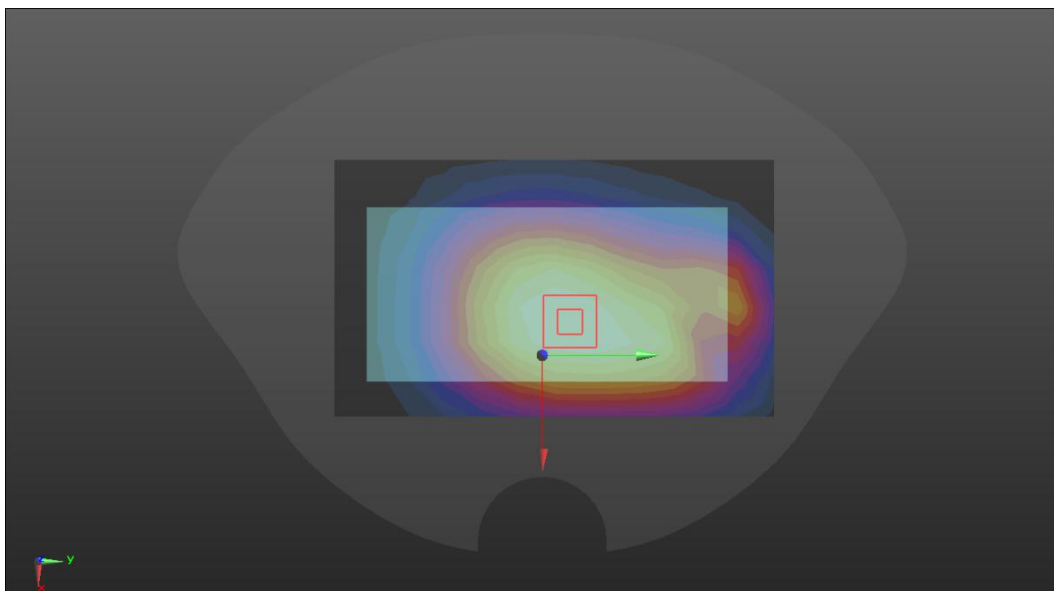
SKU1 BACK/LTE 5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.33 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



LTE Band12

Body-worn

Back 2021.07.01

Communication System: UID 0, LTE BAND12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 42.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(9.75, 9.75, 9.75) @ 707.5 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 (4); SEMCAD X Version 14.6.14 (7483)

SKU2 BACK/LTE12 2/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.352 W/kg

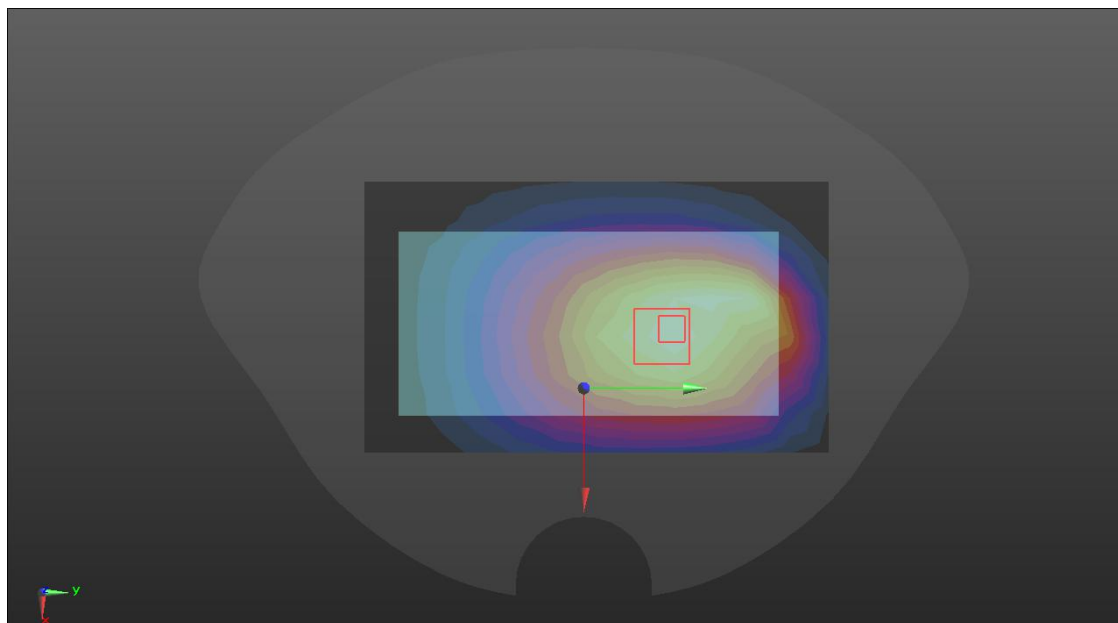
SKU2 BACK/LTE12 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.38 V/m; Power Drift = -0.11 dB

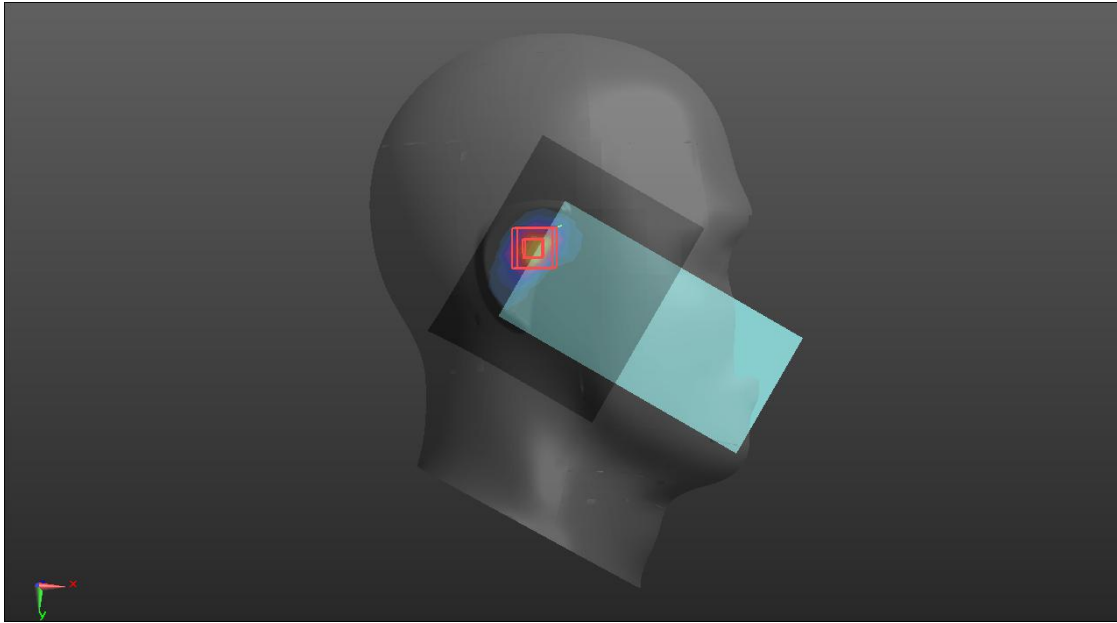
Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.350 W/kg



WiFi2.4GHz

Head	Right tilt 2021.07.26
<p>Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.00806 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.788$ S/m; $\epsilon_r = 39.219$; $\rho = 1000$ kg/m³ Phantom section: Right Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(7.48, 7.48, 7.48) @ 2437 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 (4); SEMCAD X Version 14.6.14 (7483) <p>RIGHT TILT/WIFI 2.4 2/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 1.01 W/kg</p> <p>RIGHT TILT/WIFI 2.4 2/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm Reference Value = 23.94 V/m; Power Drift = -0.05 dB Peak SAR (extrapolated) = 1.72 W/kg SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.274 W/kg Maximum value of SAR (measured) = 1.23 W/kg</p> 	

WIFI5GHz UNII-1

Body-worn

Back 2021.08.15

Communication System: UID 0, WIFI 5.3G (0); Frequency: 5220 MHz; Duty Cycle: 1:1.01796
Medium parameters used (interpolated): $f = 5220$ MHz; $\sigma = 4.68$ S/m; $\epsilon_r = 35.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.57, 5.57, 5.57) @ 5220 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 (4); SEMCAD X Version 14.6.14 (7483)

BACK/WIFI 5.2/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.613 W/kg

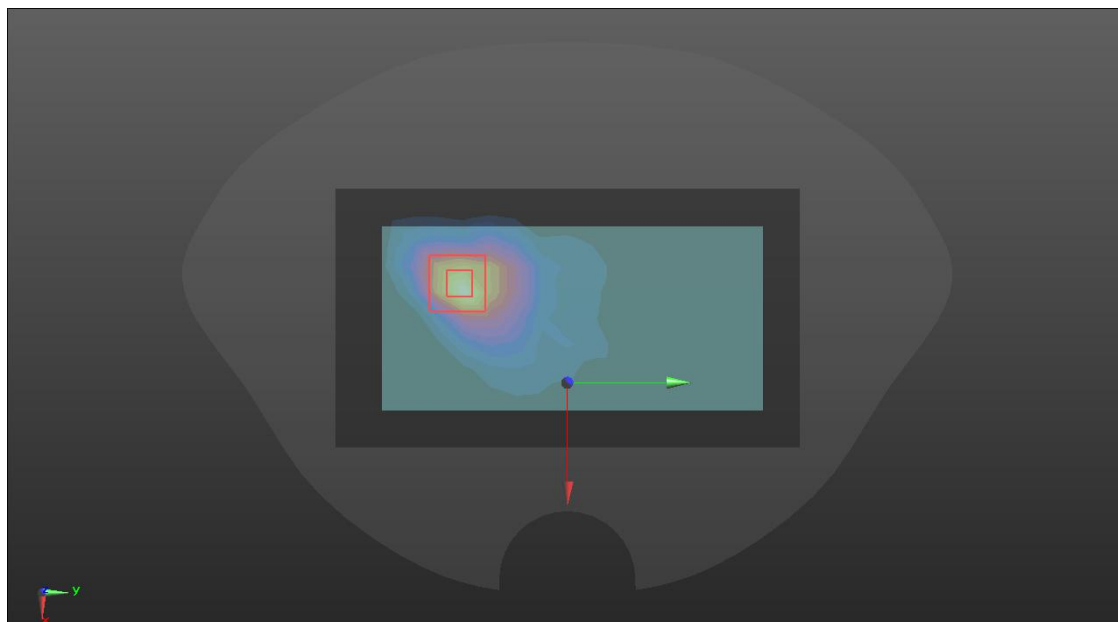
BACK/WIFI 5.2/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.480 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.629 W/kg



WIFI5GHz UNII-2A

Body-worn

Back 2021.08.26

Communication System: UID 0, WIFI 5.3G (0); Frequency: 5280 MHz; Duty Cycle: 1:1.01796
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 4.74$ S/m; $\epsilon_r = 35.92$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.43, 5.43, 5.43) @ 5280 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 (4); SEMCAD X Version 14.6.14 (7483)

BACK/WIFI 5.3/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.590 W/kg

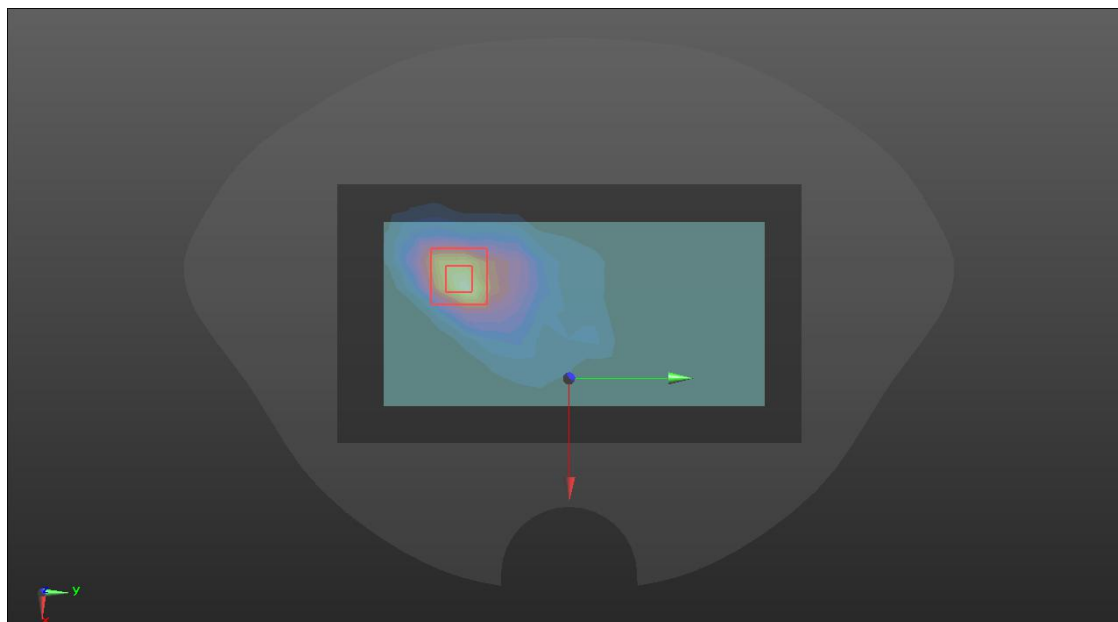
BACK/WIFI 5.3/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.478 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.625 W/kg



WIFI5GHz UNII-2C

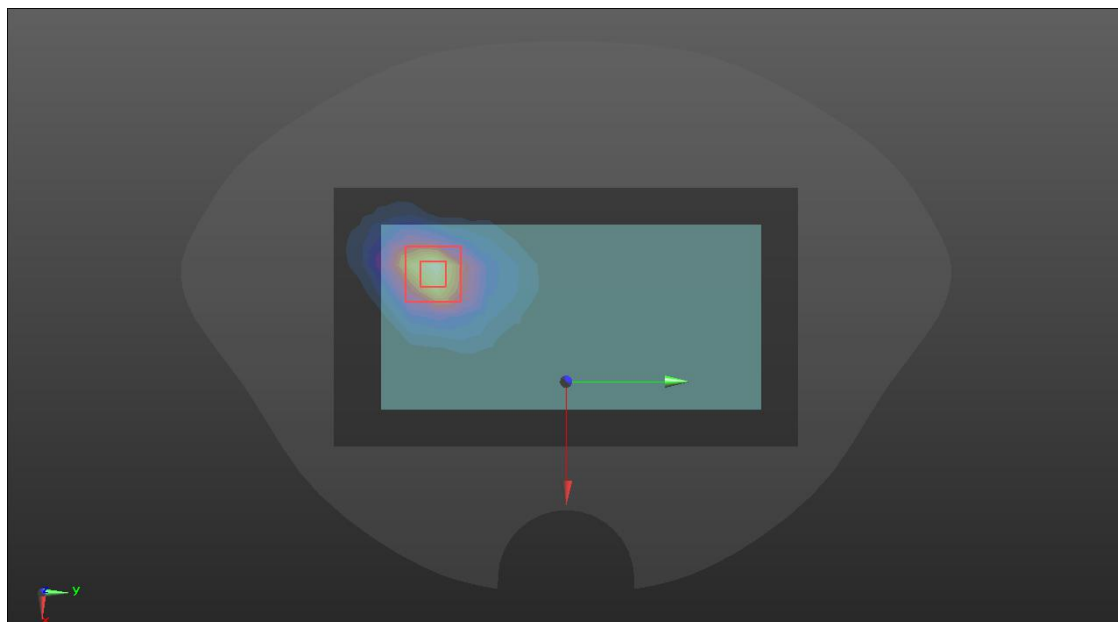
Body-worn

Back 2021.08.27

Communication System: UID 0, WIFI 5.6G (0); Frequency: 5580 MHz; Duty Cycle: 1:1.01796
Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.049$ S/m; $\epsilon_r = 35.526$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(4.95, 4.95, 4.95) @ 5580 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 (4); SEMCAD X Version 14.6.14 (7483)
- BACK/WIFI 5.5/Area Scan (11x19x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.485 W/kg
- BACK/WIFI 5.5/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.216 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.543 W/kg



WIFI5GHz UNII-3

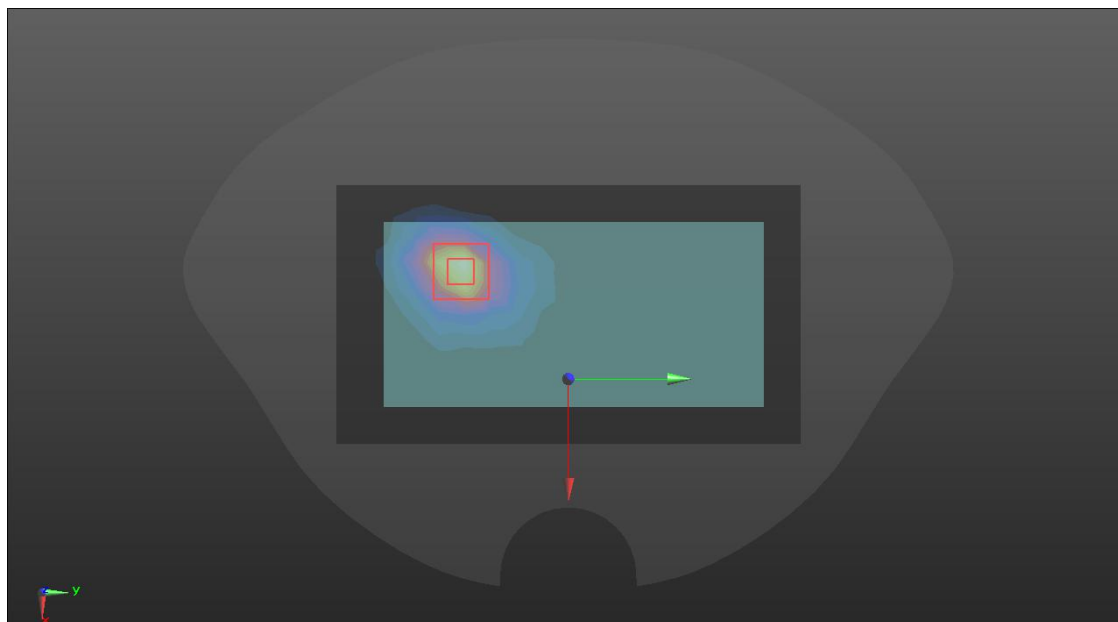
Body-worn

Back 2021.08.28

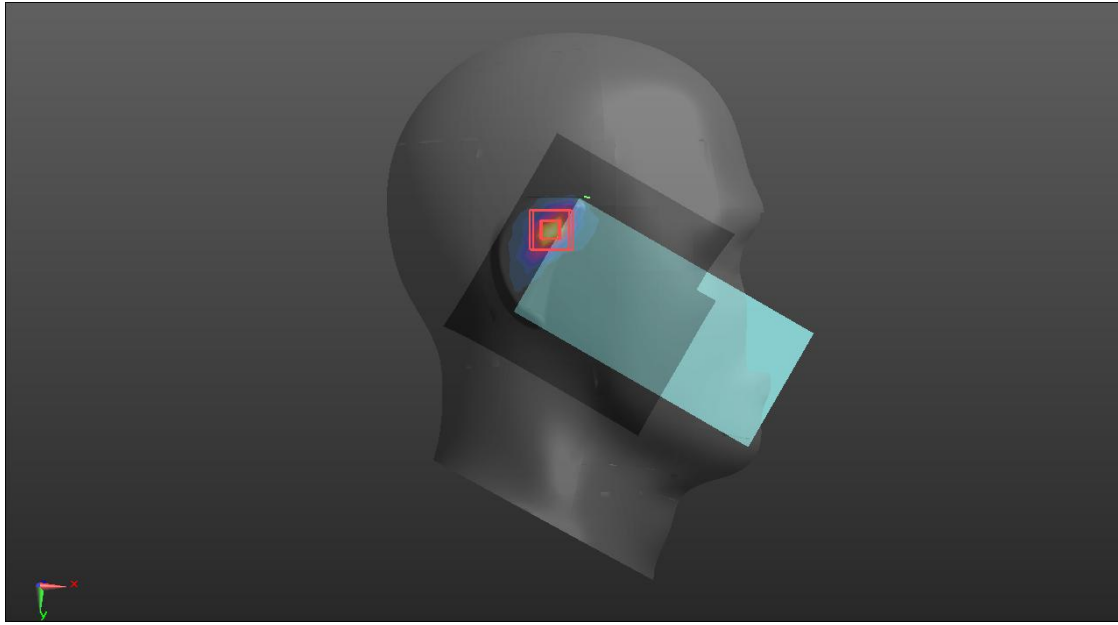
Communication System: UID 0, WIFI 5.8G (0); Frequency: 5785 MHz; Duty Cycle: 1:1.01796
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.255$ S/m; $\epsilon_r = 35.315$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3708; ConvF(5.12, 5.12, 5.12) @ 5785 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 (4); SEMCAD X Version 14.6.14 (7483)
- BACK/WIFI 5.8/Area Scan (11x19x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.503 W/kg
- BACK/WIFI 5.8/Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.351 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



BT

Head	Right tilt 2021.07.26
<p>Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29870 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 39.213$; $\rho = 1000$ kg/m³ Phantom section: Right Section</p> <p>DASY5 Configuration:</p> <ul style="list-style-type: none"> Probe: EX3DV4 - SN3708; ConvF(7.48, 7.48, 7.48) @ 2441 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 (4); SEMCAD X Version 14.6.14 (7483) <p>RIGHT TILT/BT/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.291 W/kg</p> <p>RIGHT TILT/BT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 5.925 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 0.386 W/kg SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.052 W/kg Maximum value of SAR (measured) = 0.279 W/kg</p> 	

Note: All the modulated signal with different PAR(refers to RF WWAN report) already take into account, but not mentioned in this inherent log file template.