Date: 2023-05-27

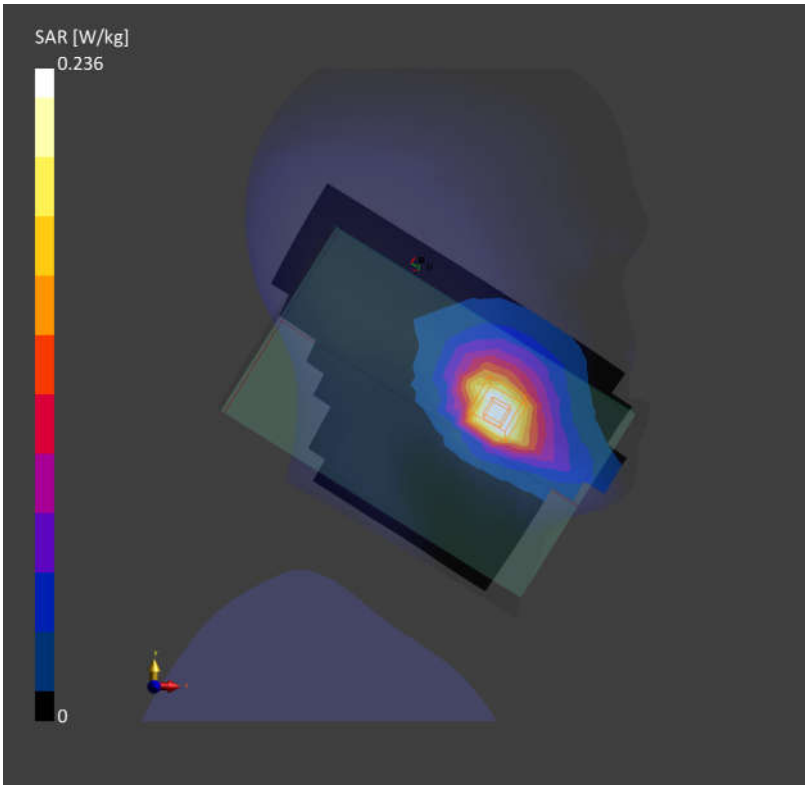
01_WLAN2.4GHz_802.11b 1Mbps_InnerSurface_0mm_Ch6;Right Ant

Communication System: WLAN 2.4GHz; Frequency: 2437.0
Medium: HSL. Medium parameters used: f= 2437.0 MHz; σ= 1.80 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.25, 8.25); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (144.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.218 W/kg; SAR (10g) = 0.117 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm
Power Drift = -0.13 dB
SAR (1g) = 0.236 W/kg; SAR (10g) = 0.135 W/kg;



Date: 2023-05-27

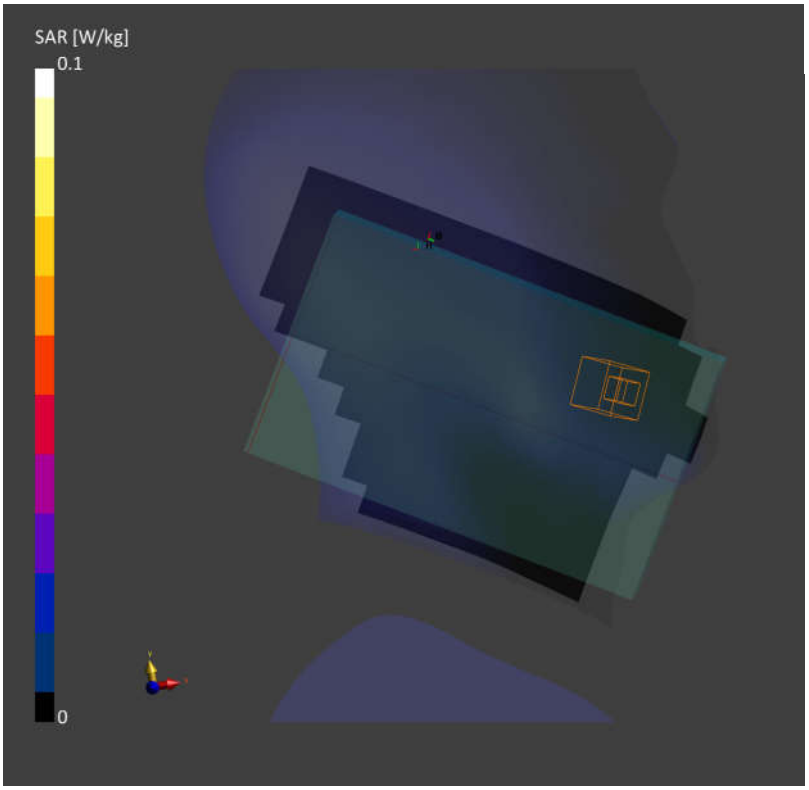
02_nRF_InnerSurface_0mm_Ch0;nRF Ant

Communication System: ISM 2.4 GHz Band; Frequency: 2402.0
Medium: HSL. Medium parameters used: f= 2402.0 MHz; σ= 1.78 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.25, 8.25); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (144.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.004 W/kg; SAR (10g) = 0.002 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm
Power Drift = -0.04 dB
SAR (1g) = 0.002 W/kg; SAR (10g) = 0.002 W/kg;



Date: 2023-05-27

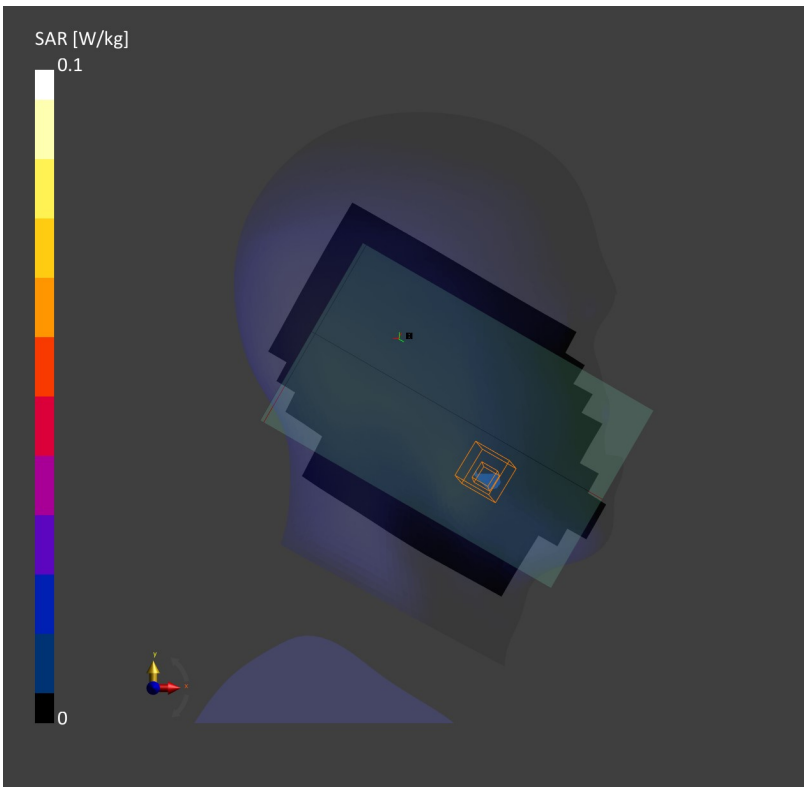
03_Bluetooth_1Mbps_Inner Surface 0mm_Ch39;Right Ant

Communication System: ISM 2.4 GHz Band; Frequency: 2441.0
Medium: HSL. Medium parameters used: f= 2441.0 MHz; σ= 1.80 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.25, 8.25); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (144.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.008 W/kg; SAR (10g) = 0.004 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm
Power Drift = 0.01 dB
SAR (1g) = 0.008 W/kg; SAR (10g) = 0.004 W/kg;



Date: 2023-05-28

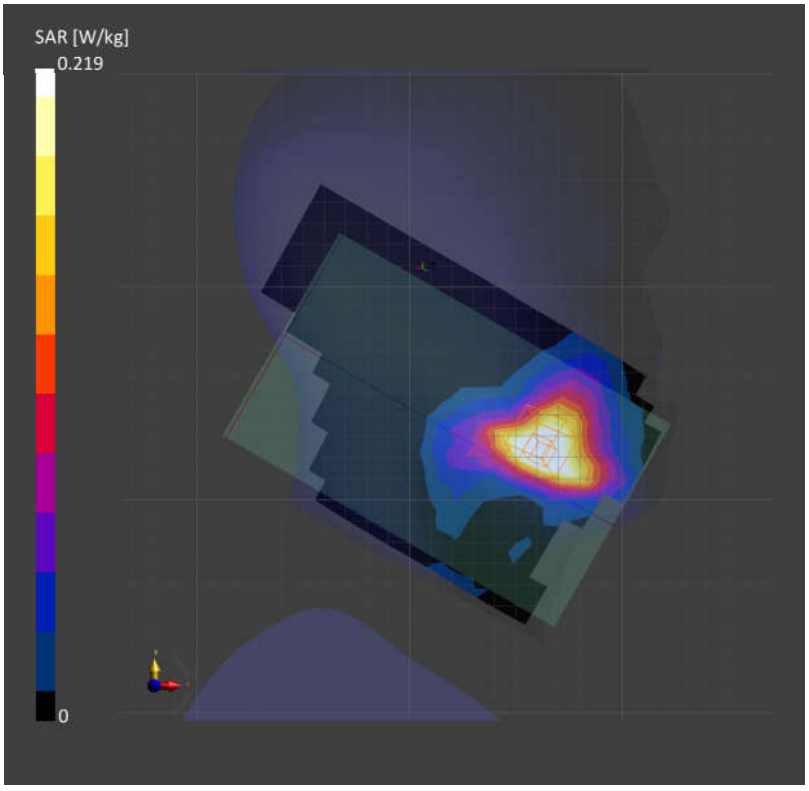
05_WLAN5GHz_802.11ac-VHT80 MCS0_InnerSurface_0mm_Ch58;Right Ant

Communication System: WLAN 5GHz; Frequency: 5290.0
Medium: HSL. Medium parameters used: f= 5290.0 MHz; σ= 4.62 S/m; ε_r = 36.3
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (140.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.215 W/kg; SAR (10g) = 0.090 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.08 dB
SAR (1g) = 0.219 W/kg; SAR (10g) = 0.087 W/kg;



Date: 2023-05-29

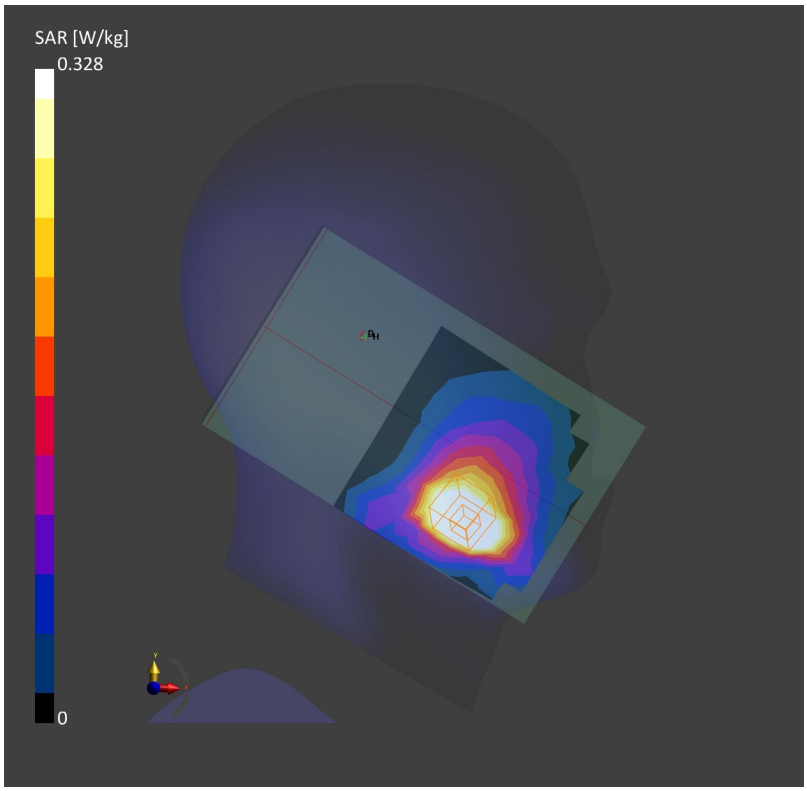
06_WLAN5GHz_802.11ac-VHT80 MCS0_Inner Surface 0mm_Ch122;Right Ant

Communication System: WLAN 5GHz; Frequency: 5610.0
Medium: HSL. Medium parameters used: f= 5610.0 MHz; σ= 4.97 S/m; ε_r = 35.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(4.9, 4.9, 4.9); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.321 W/kg; SAR (10g) = 0.152 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.05 dB
SAR (1g) = 0.328 W/kg; SAR (10g) = 0.165 W/kg;



Date: 2023-05-30

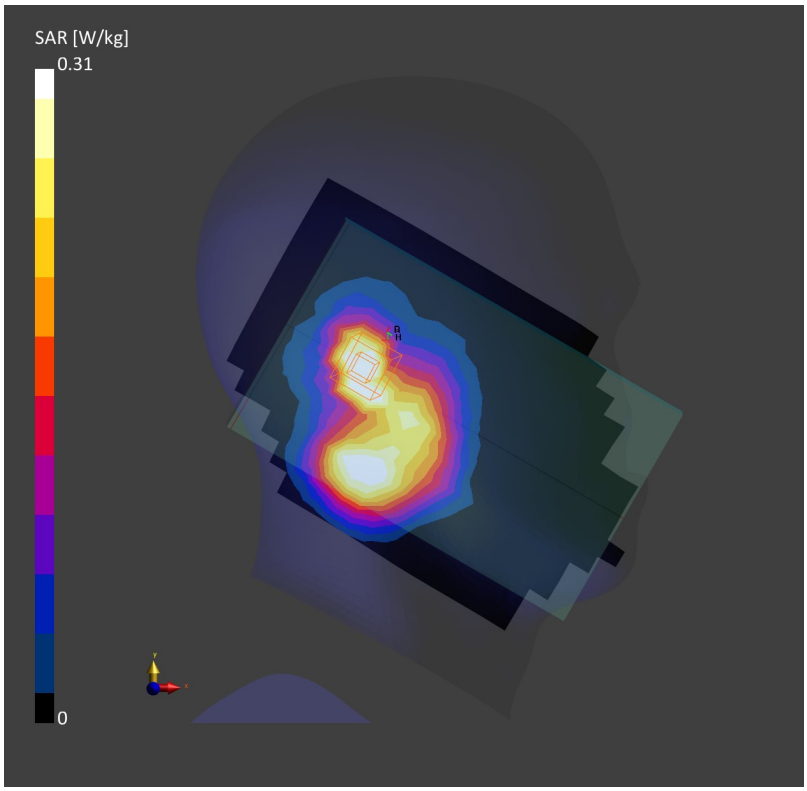
07_WLAN5GHz_802.11a 6Mbps_Inner Surface 0mm_Ch165;Left Ant

Communication System: WLAN 5GHz; Frequency: 5825.0
Medium: HSL. Medium parameters used: f= 5825.0 MHz; σ= 5.23 S/m; ε_r = 35.4
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.1, 5.1, 5.1); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (140.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.318 W/kg; SAR (10g) = 0.118 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.04 dB
SAR (1g) = 0.310 W/kg; SAR (10g) = 0.116 W/kg;



Date: 2023-06-29

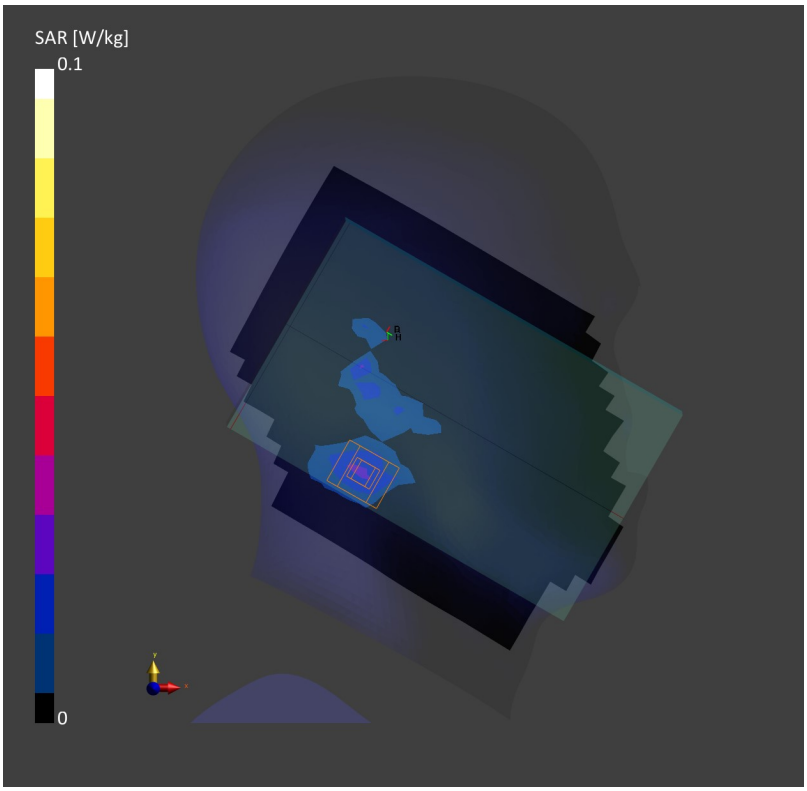
08_WLAN6GHz_802.11ax-HE160 MCS0_InnerSurface_0mm_Ch111;Left Ant

Communication System: U-NII-6; Frequency: 6505.0
Medium: HSL. Medium parameters used: f= 6505.0 MHz; σ= 6.08 S/m; ε_r = 34.4
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (153.0 mm x 221.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.039 W/kg; SAR (10g) = 0.015 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.05 dB
SAR (1g) = 0.039 W/kg; SAR (10g) = 0.015 W/kg;
psAPD (4.0cm2, sq) = 0.332 [W/m2];



01_WLAN6GHz_802.11ax-HE160 MCS0_InnerSurface_2mm_Ch111;Left Ant

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	185.0 x 104.0 x 60.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2022-09-09	DAE4 Sn1356, 2022-06-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	90.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-06-29
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	0.632
psPDtot+ [W/m^2]	0.742
psPDmod+ [W/m^2]	0.782
E_{max} [V/m]	18.5
Power Drift [dB]	0.07