

Appendix B

Detailed Test Results

WIFI 6E for Head, Body worn, Hotspot & Product specific 10gSAR
WIFI 6E for Power Density

SRM955 WIFI 6E 802.11ax 160M 207CH Left tilted Ant6

Communication System: U-NII-8; Frequency: 6985.000

Medium: HSL. Medium parameters used: $f = 6985.000$ MHz; $\sigma = 6.69$ S/m; $\epsilon_r = 33.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(5.08, 5.15, 5.33); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

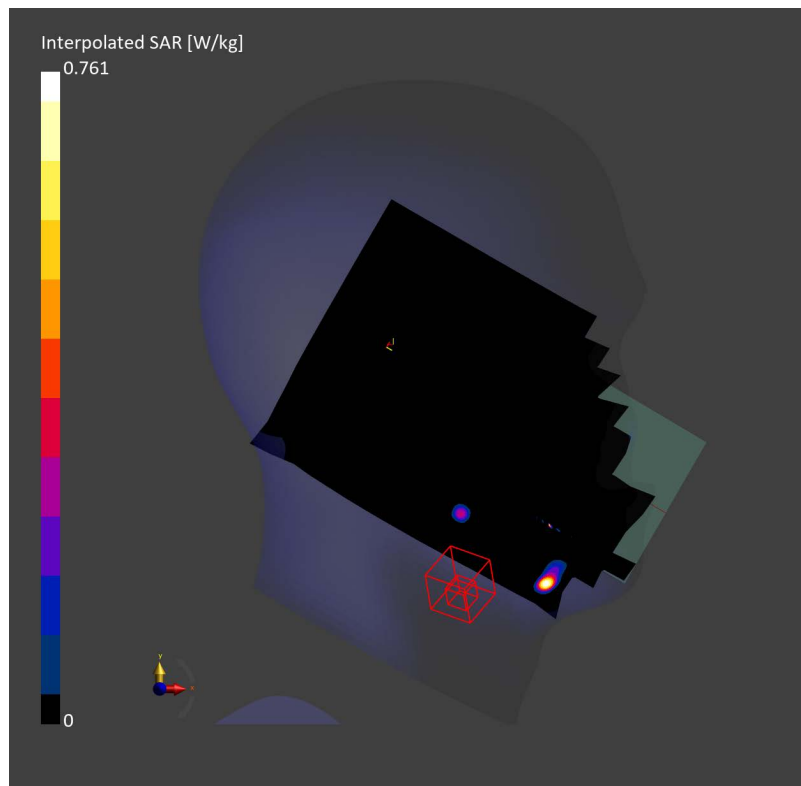
Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.166 W/kg; SAR (10g) = 0.031 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 2.0 mm

Power Drift = 0.04 dB

SAR (1g) = 0.109 W/kg; SAR (10g) = 0.018 W/kg;



SRM955 WIFI 6E 802.11ax 160M 175CH Back side 15mm MIMO

Communication System: U-NII-7; Frequency: 6825.000

Medium: HSL. Medium parameters used: $f = 6825.000$ MHz; $\sigma = 6.63$ S/m; $\epsilon_r = 33.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(5.08, 5.15, 5.33); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

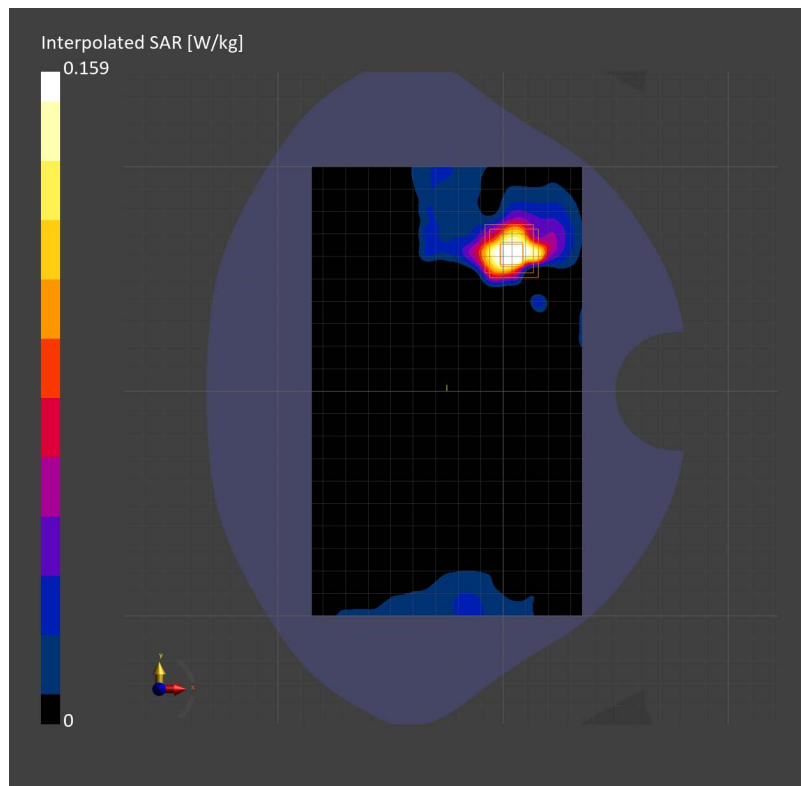
Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.153 W/kg; SAR (10g) = 0.048 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 2.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.161 W/kg; SAR (10g) = 0.057 W/kg;



SRM955 WIFI 6E 802.11ax 160M 175CH Back side 10mm MIMO

Communication System: U-NII-7; Frequency: 6825.000

Medium: HSL. Medium parameters used: $f = 6825.000$ MHz; $\sigma = 6.63$ S/m; $\epsilon_r = 33.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(5.08, 5.15, 5.33); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

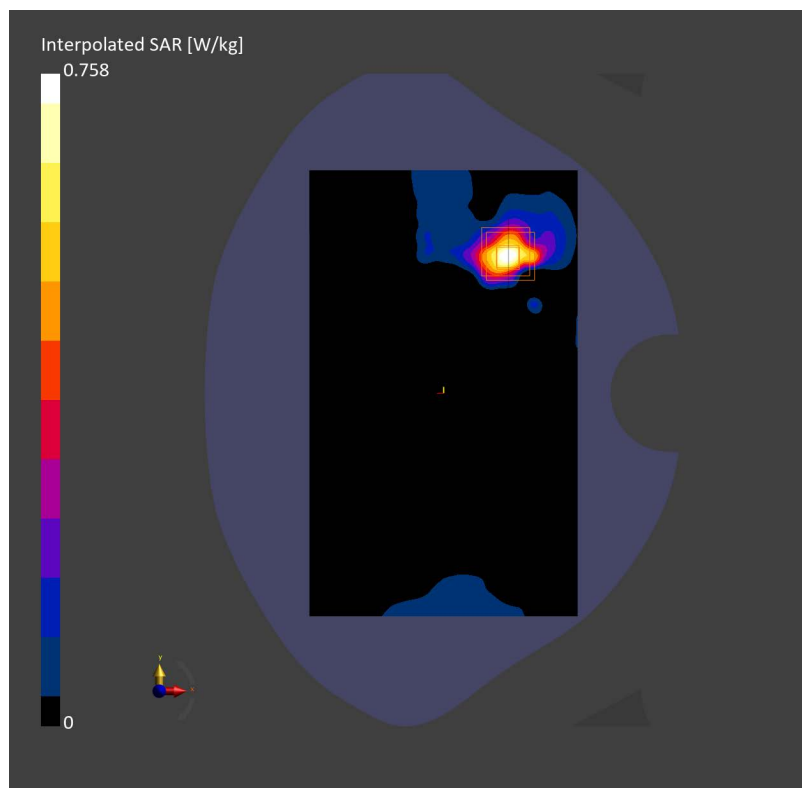
Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.265 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 2.0 mm

Power Drift = 0.06 dB

SAR (1g) = 0.302 W/kg; SAR (10g) = 0.105 W/kg;



SRM955 WIFI 6E 802.11ax 160M 175CH Back side 0mm Ant7

Communication System: U-NII-7; Frequency: 6825.000

Medium: HSL. Medium parameters used: $f = 6825.000$ MHz; $\sigma = 6.69$ S/m; $\epsilon_r = 33.5$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.07, 4.99, 5.15); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 Module SAR V16.2.4.2448

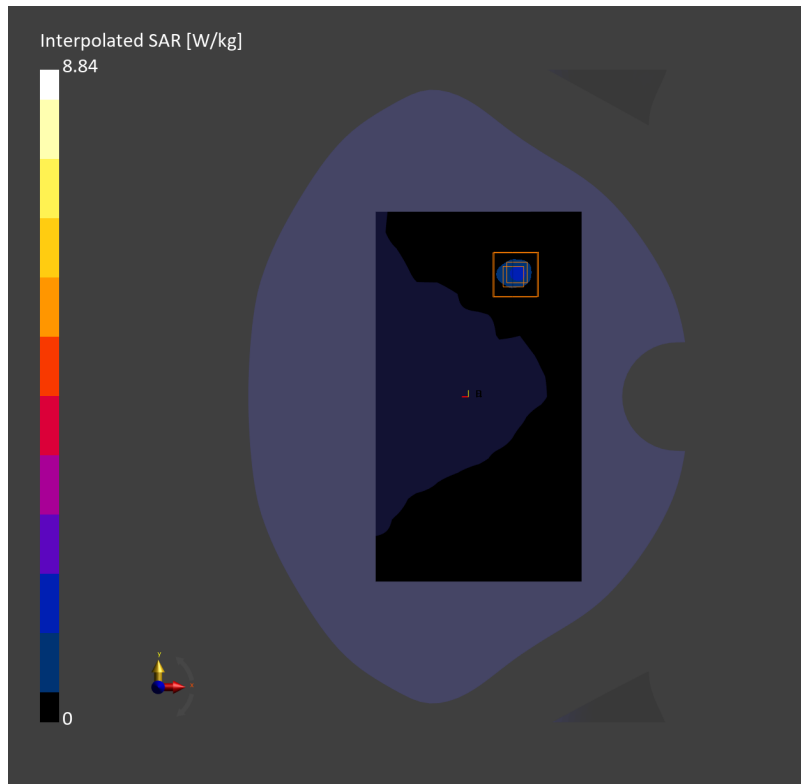
Area Scan (100.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.26 W/kg; SAR (10g) = 0.309 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 2.0 mm

Power Drift = 0.00 dB

SAR (1g) = 1.50 W/kg; SAR (10g) = 0.336 W/kg;



Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	70.0 x 170.0 x 18.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-7	6825.0, 175	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air –	EUmmWV4 – SN9533_F1–55GHz, 2023–08–18	DAE4 Sn896, 2024–03–18

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024–06–01, 14:24
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	3.05
psPDtot+ [W/m2]	5.10
psPDmod+ [W/m2]	6.15
E _{max} [V/m]	66.8
Power Drift [dB]	0.02

