

Appendix B

Detailed Test Results

Bluetooth for Body
WIFI 2.4G for Body
WIFI 5G for Body
WIFI 6G for Body
PD test for Body



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SGS-SAR LabDate: 2024-09-14

DT323RP Bluetooth DH5 78CH Back side 0mm Ant1

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

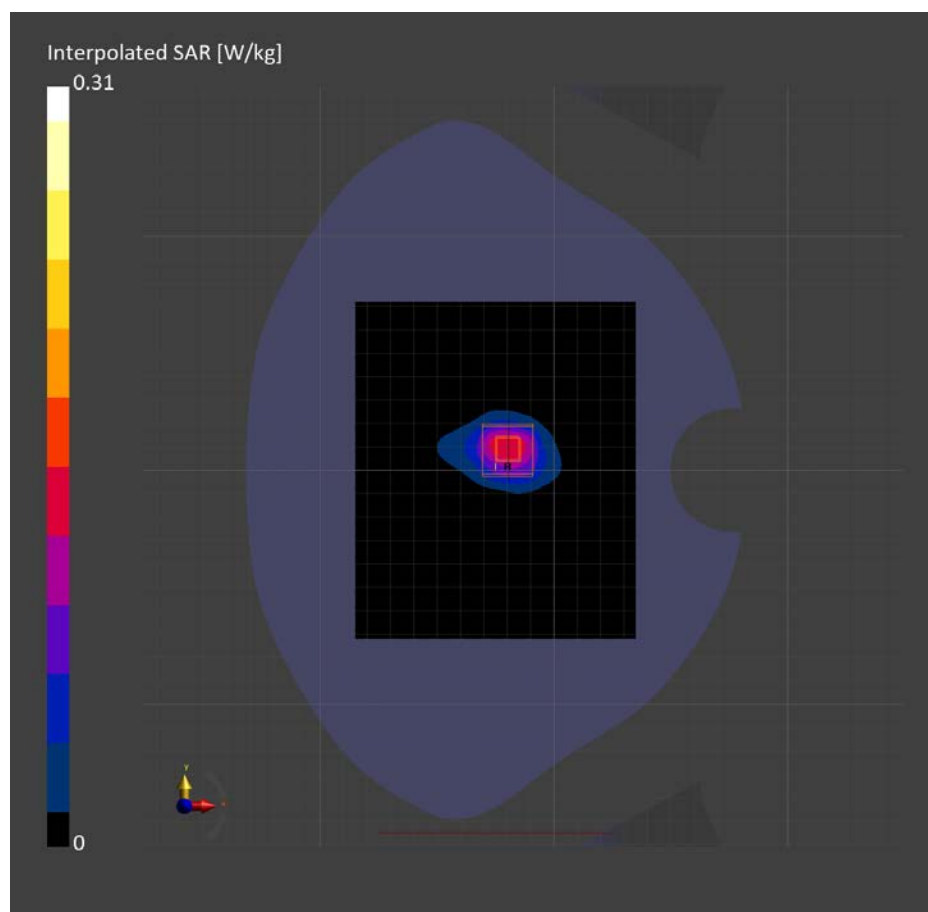
Area Scan (120.0 mm x 144.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.120 W/kg; SAR (10g) = 0.057 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 = -0.17 dB

SAR (1g) = 0.127 W/kg; SAR (10g) = 0.051 W/kg;



SGS-SAR LabDate: 2024-09-14

DT323RP WIFI 2.4G 802.11b 1CH Back side 0mm Ant1

Communication System: WLAN 2.4GHz; Frequency: 2412.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

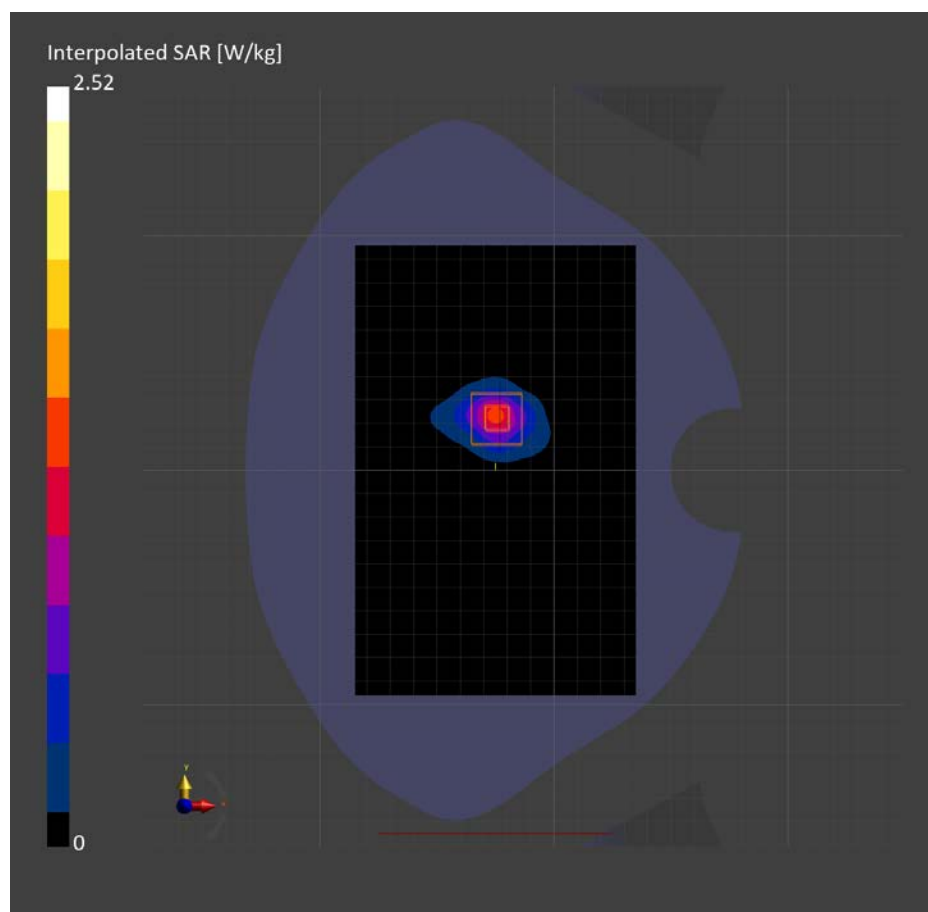
Area Scan (120.0 mm x 170.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.433 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 = -0.06 dB

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.437 W/kg;



SGS-SAR LabDate: 2024-09-15

DT323RP WIFI 5G 802.11ac 160M 50CH Top side 0mm Ant2

Communication System: WLAN 5GHz; Frequency: 5250.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.66$ S/m; $\epsilon_r = 36.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.6, 5.6, 5.6); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

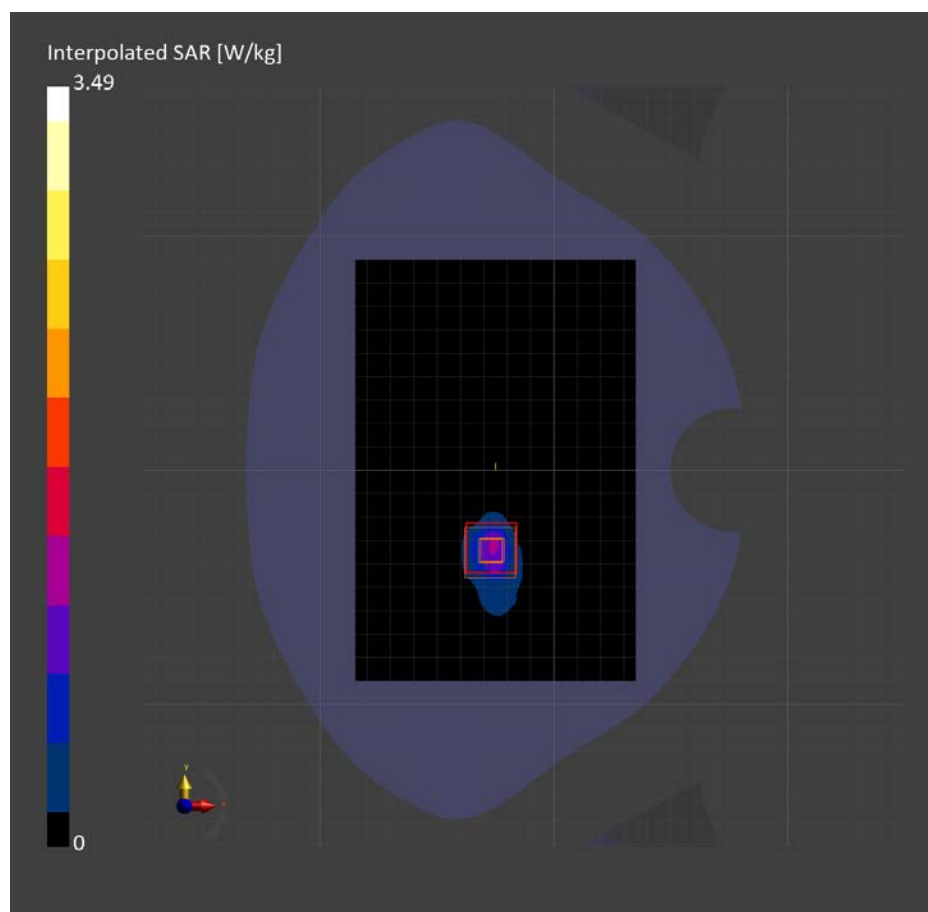
Area Scan (120.0 mm x 170.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.866 W/kg; SAR (10g) = 0.284 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 = 0.01 dB

SAR (1g) = 0.989 W/kg; SAR (10g) = 0.295 W/kg;



SGS-SAR LabDate: 2024-08-06

DT323RP WIFI 6E 802.11ac 160M 47CH Right side 0mm Ant1

Communication System: U-NII-5; Frequency: 6185.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 6185.000$ MHz; $\sigma = 5.83$ S/m; $\epsilon_r = 35.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.07, 4.99, 5.15); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

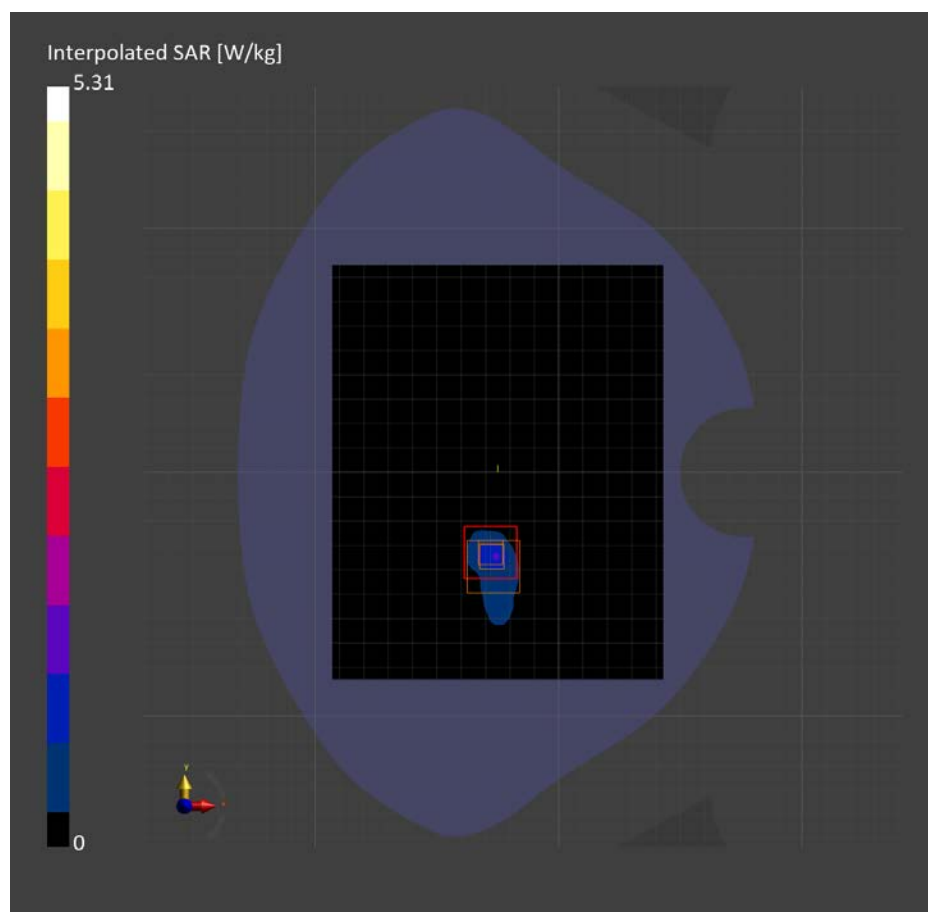
Area Scan (120.0 mm x 170.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.900 W/kg; SAR (10g) = 0.273 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 = -0.01 dB

SAR (1g) = 1.04 W/kg; SAR (10g) = 0.257 W/kg;



Test Laboratory:SGS-SAR Lab

DT323RP WIFI 6E 11ac 160M 47CH Top side 2mm

Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
DT323RP	228.0 x 335.0 x 23.0	023RW24250846	Rugged Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 2.00	U-NII-5	WLAN, 10743-AAC	6185.0, 47	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1777	Air -	EUmmWV4 - SN9533_F1-55GHz, 2023-08-18	DAE4 Sn896, 2024-03-18

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	90.0 x 90.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-08-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	6.41
psPDtot+ [W/m ²]	8.44
psPDmod+ [W/m ²]	8.85
E _{max} [V/m]	65.9
Power Drift [dB]	0.01

