

Date: 2025-05-13

01_WLAN6GHz_802.11be-EHT320 MCS0_Left Cheek_0mm_Ch95

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)

Frequency: 6425.000 MHz; Duty Cycle: 1:1.167

Medium: Head Simulating Liquid Medium parameters used: $f=6425.000$ MHz; $\sigma=5.91$ S/m; $\epsilon_r=34.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

Area Scan (119.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.518 W/kg; SAR (10g) = 0.145 W/kg;

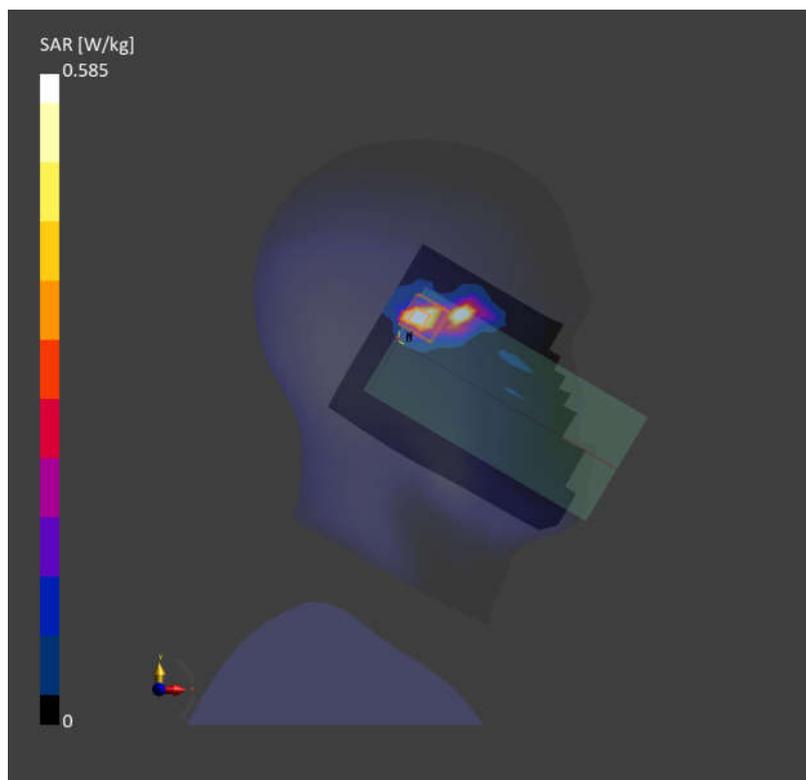
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 0.585 W/kg; SAR (10g) = 0.160 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.4 %

psAPD (4.0cm², sq) = 3.53 [W/m²]

Date: 2025-05-13

02_WLAN6GHz_802.11be-EHT320 MCS0_Front_5mm_Ch31

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)

Frequency: 6105.000 MHz; Duty Cycle: 1:1.167

Medium: Head Simulating Liquid Medium parameters used: $f=6105.000$ MHz; $\sigma=5.67$ S/m; $\epsilon_r=34.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat

- Measurement Software: 16.4.0.5005

- UID: WLAN, 11026-AAB

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.314 W/kg; SAR (10g) = 0.108 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

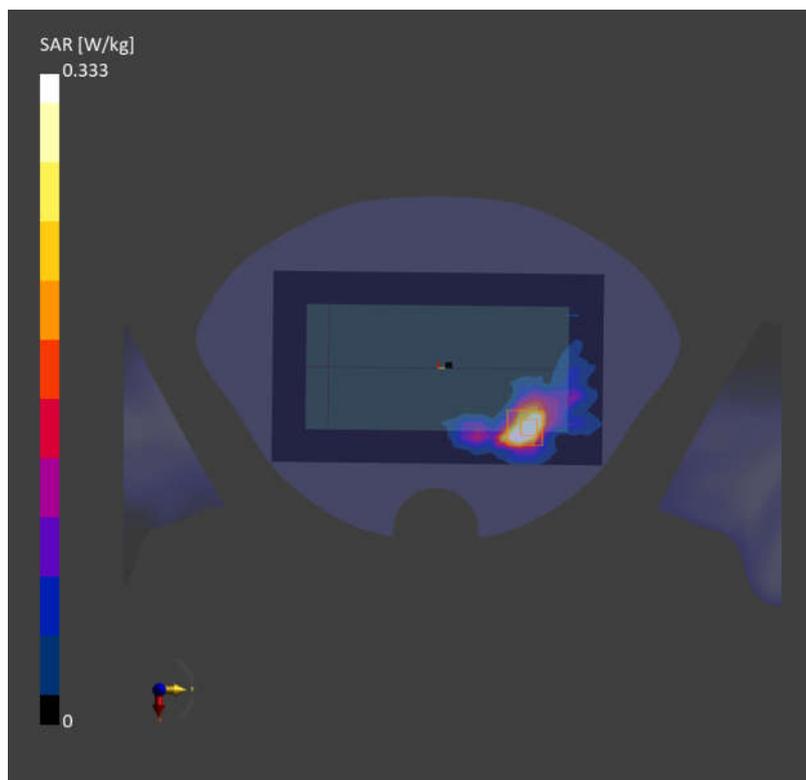
Power Drift = 0.07 dB

SAR (1g) = 0.333 W/kg; SAR (10g) = 0.113 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.1 %

psAPD (4.0cm², sq) = 2.55 [W/m²]



Date: 2025-05-13

03_WLAN6GHz_802.11be-EHT320 MCS0_Right Side_0mm_Ch31

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)

Frequency: 6105.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f=6105.000$ MHz; $\sigma=5.64$ S/m; $\epsilon_r=34.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

Area Scan (51.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 2.18 W/kg; SAR (10g) = 0.521 W/kg;

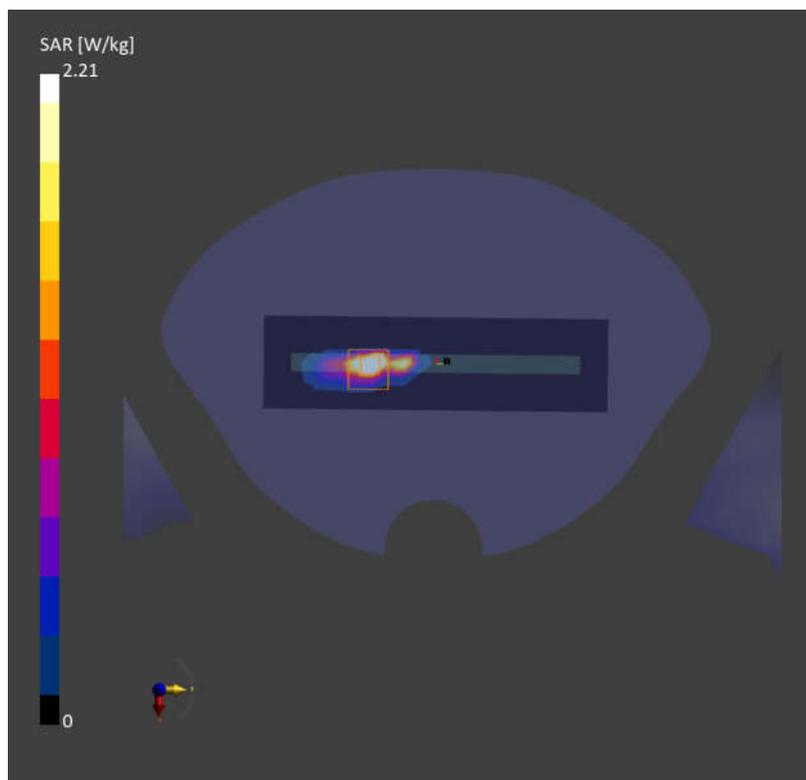
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 2.21 W/kg; SAR (10g) = 0.515 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.5 %

psAPD (4.0cm², sq) = 12.1 [W/m²]

01_WLAN6GHz_802.11be-EHT320 MCS0_Right

Side_2mm_Ch31 Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	164.0 x 78.0 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-5	WLAN, 11026-AAA	6105.0, 31	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2024-11-15	DAE4 Sn1650, 2024-11-25

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-06-04
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.65
psPDtot+ [W/m ²]	3.52
psPDmod+ [W/m ²]	6.45
E _{max} [V/m]	77.8
Power Drift [dB]	0.01

