

Date: 2024-12-20

**01\_WLAN6GHz\_802.11be-EHT320 MCS0\_Left Cheek\_0mm\_Ch95**

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)  
Frequency: 6425.000MHz; Duty Cycle: 1:1.004  
Medium: HSL Medium parameters used:  $f= 6425.000$  MHz;  $\sigma= 6.07$  S/m;  $\epsilon_r = 34.7$   
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- 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 204.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.782 W/kg; SAR (10g) = 0.253 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

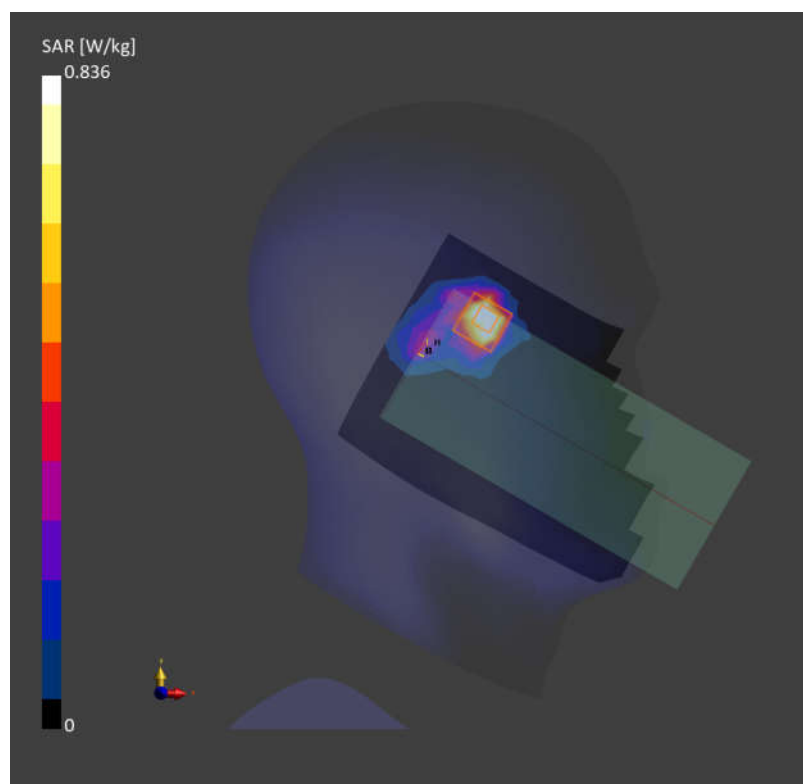
Power Drift = -0.11 dB

SAR (1g) = 0.836 W/kg; SAR (10g) = 0.285 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.4 %

psAPD (4.0cm<sup>2</sup>, sq) = 6.37 [W/m<sup>2</sup>]



Date: 2024-12-20

**02\_WLAN6GHz\_802.11be-EHT320 MCS0\_Back\_5mm\_Ch31**

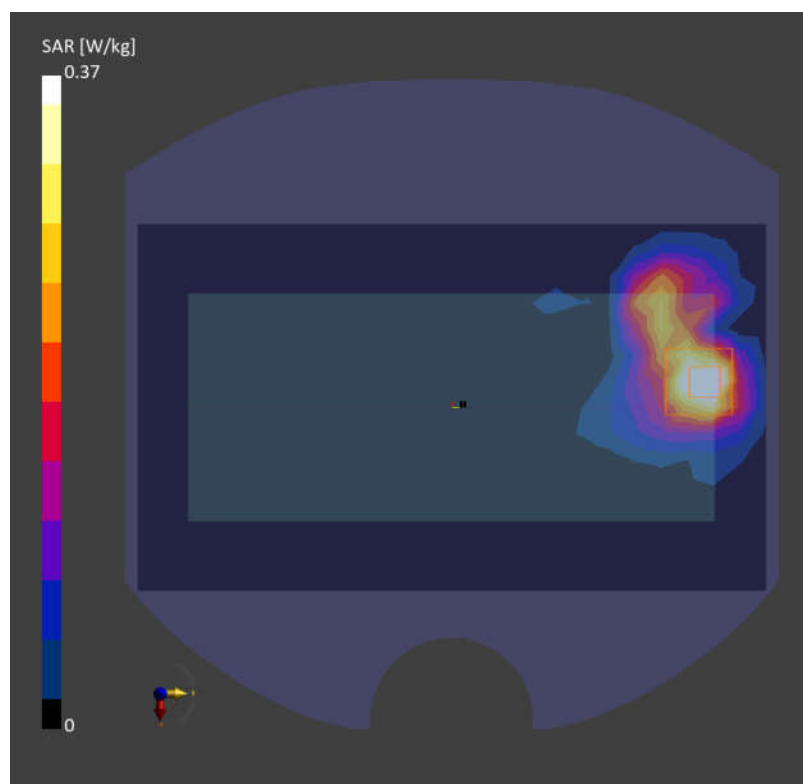
Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)  
Frequency: 6105.000MHz; Duty Cycle: 1:1.004  
Medium: HSL Medium parameters used:  $f= 6105.000$  MHz;  $\sigma= 5.68$  S/m;  $\epsilon_r = 35.3$   
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- 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) = 0.342 W/kg; SAR (10g) = 0.121 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) = 0.370 W/kg; SAR (10g) = 0.126 W/kg  
Smallest distance from peaks to all points 3 dB below = 8.9 mm  
Ratio of SAR at M2 to SAR at M1 = 52.3 %  
psAPD (4.0cm<sup>2</sup>, sq) = 2.83 [W/m<sup>2</sup>]



Date: 2024-12-20

**03\_WLAN6GHz\_802.11be-EHT320 MCS0\_Top Side\_0mm\_Ch31**

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)  
Frequency: 6105.000MHz; Duty Cycle: 1:1.004  
Medium: HSL Medium parameters used:  $f= 6105.000$  MHz;  $\sigma= 5.68$  S/m;  $\epsilon_r = 35.3$   
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- 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 (48.0 mm x 119.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.797 W/kg; SAR (10g) = 0.218 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

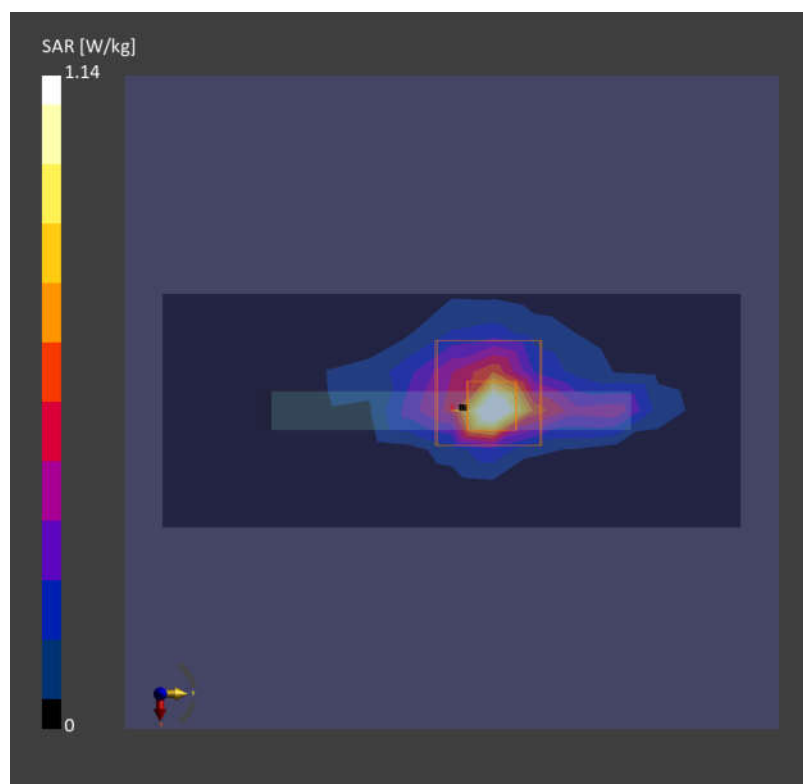
Power Drift = -0.03 dB

SAR (1g) = 1.14 W/kg; SAR (10g) = 0.266 W/kg

Smallest distance from peaks to all points 3 dB below = 3.5 mm

Ratio of SAR at M2 to SAR at M1 = 51.4 %

psAPD (4.0cm<sup>2</sup>, sq) = 6.20 [W/m<sup>2</sup>]



01\_WLAN6GHz\_802.11be-EHT320 MCS0\_Front\_2mm\_Ch159

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	170.0 x 76.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 2.00	U-NII-7	WLAN, 11026-AAA	6745.0, 159	1.0

Hardware Setup

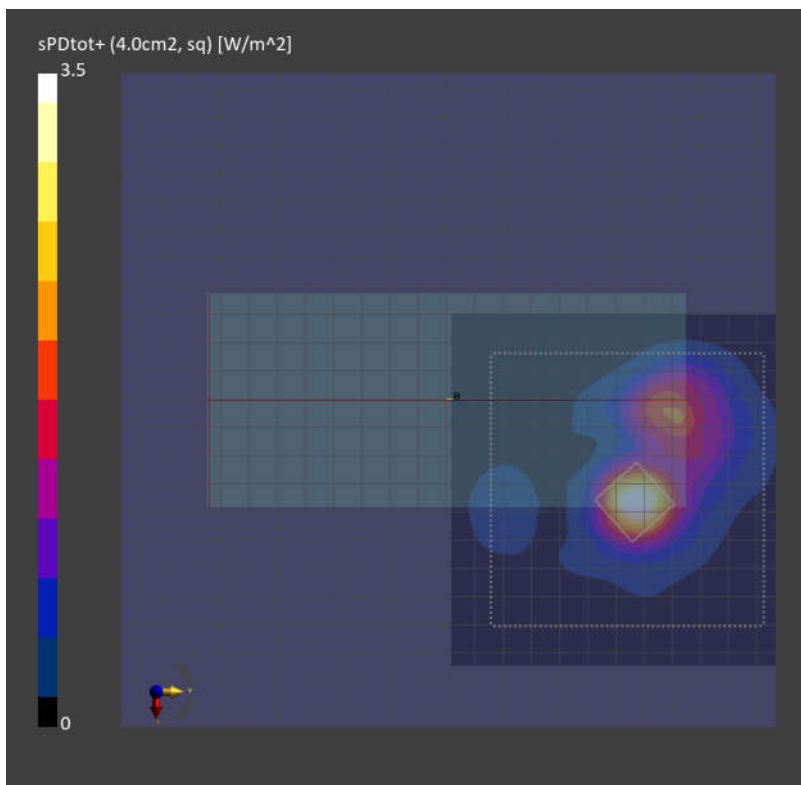
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2024-11-15	DAE4 Sn1650, 2024-11-25

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	2024-12-31
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.52
psPDtot+ [W/m <sup>2</sup> ]	3.50
psPDmod+ [W/m <sup>2</sup> ]	3.92
E <sub>max</sub> [V/m]	59.5
Power Drift [dB]	0.12



02\_WLAN6GHz\_802.11be-EHT320 MCS0\_Bottom Side\_2mm\_Ch31

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	87.0 x 76.0 x 15.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE BOTTOM, 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	2024-12-31
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.60
psPDtot+ [W/m <sup>2</sup> ]	3.20
psPDmod+ [W/m <sup>2</sup> ]	4.95
E <sub>max</sub> [V/m]	69.2
Power Drift [dB]	-0.13

