

01_WLAN6GHz_802.11ax-HE80 MCS0_Left Tilted_0mm_Ch119

Communication System: IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle); Frequency: 6545.000 MHz; Duty Cycle: 1:1.138

Medium: Head Simulating Liquid Medium parameters used: $f = 6545.000$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY8 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
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10731-AAC

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

SAR (1g) = 0.554 W/kg; SAR (10g) = 0.153 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

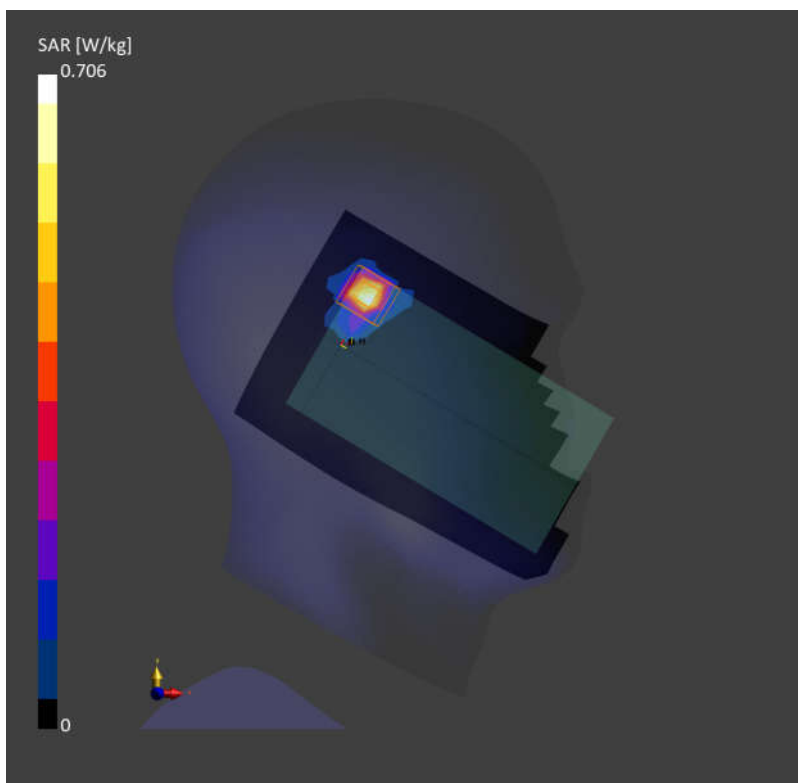
Power Drift = 0.05 dB

SAR (1g) = 0.706 W/kg; SAR (10g) = 0.176 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.5 %

psAPD (4.0cm², sq) = 3.72 [W/m²]



02_WLAN6GHz_802.11ax-HE80 MCS0_Back_5mm_Ch119

Communication System: IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle); Frequency: 6545.000 MHz; Duty Cycle: 1:1.138

Medium: Head Simulating Liquid Medium parameters used: $f = 6545.000$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY8 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
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10719-AAC

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

SAR (1g) = 0.106 W/kg; SAR (10g) = 0.031 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

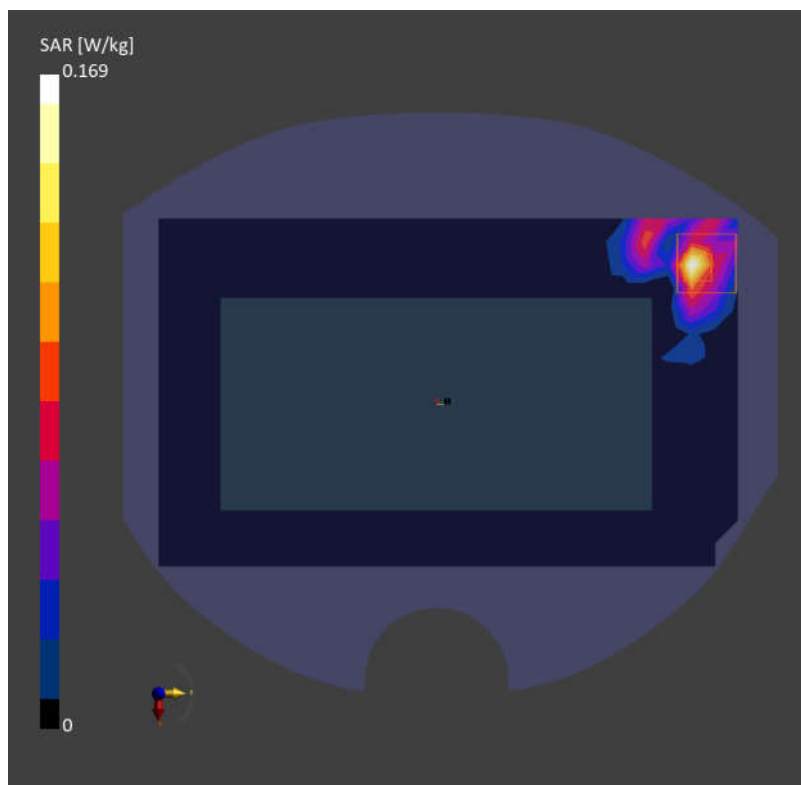
Power Drift = -0.02 dB

SAR (1g) = 0.169 W/kg; SAR (10g) = 0.039 W/kg

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.9 %

psAPD (4.0cm², sq) = 1.09 [W/m²]



03_WLAN6GHz_802.11ax-HE80 MCS0_Top Side_0mm_Ch119

Communication System: IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle); Frequency: 6545.000 MHz; Duty Cycle: 1:1.138

Medium: Head Simulating Liquid Medium parameters used: $f = 6545.000$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY8 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
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10731-AAC

Area Scan (48.0 mm x 119.0 mm): Measurement Grid: 8.0 mm x 8.5 mm

SAR (1g) = 0.794 W/kg; SAR (10g) = 0.180 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

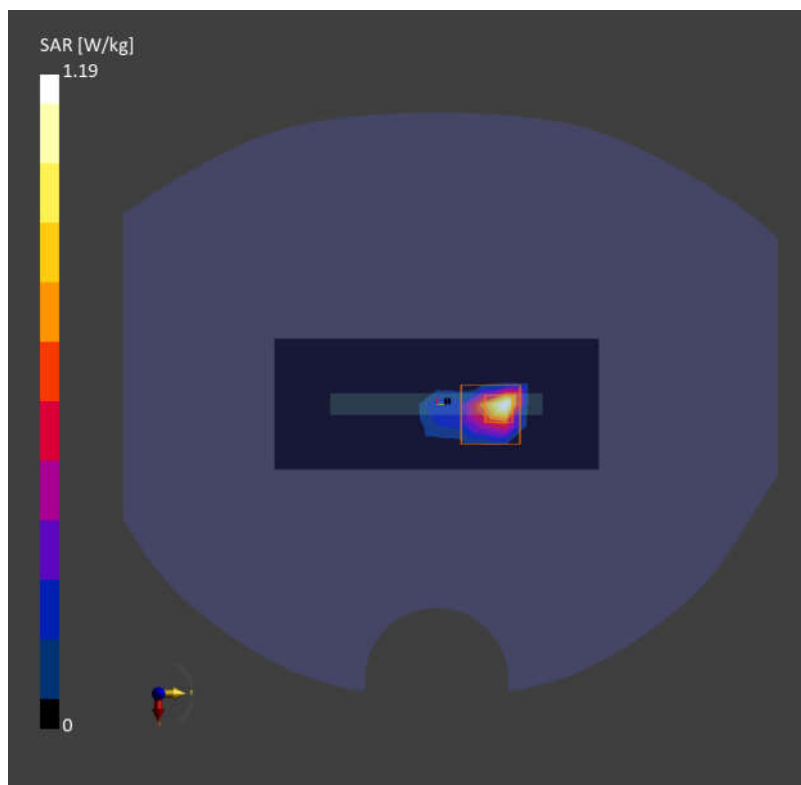
Power Drift = -0.02 dB

SAR (1g) = 1.19 W/kg; SAR (10g) = 0.207 W/kg

Smallest distance from peaks to all points 3 dB below = 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.8 %

psAPD (4.0cm², sq) = 5.03 [W/m²]



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	160.0 x 73.0 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 2.00	U-NII-5	WLAN, 10731-AAC	5985.0, 7	1.0

Hardware Setup

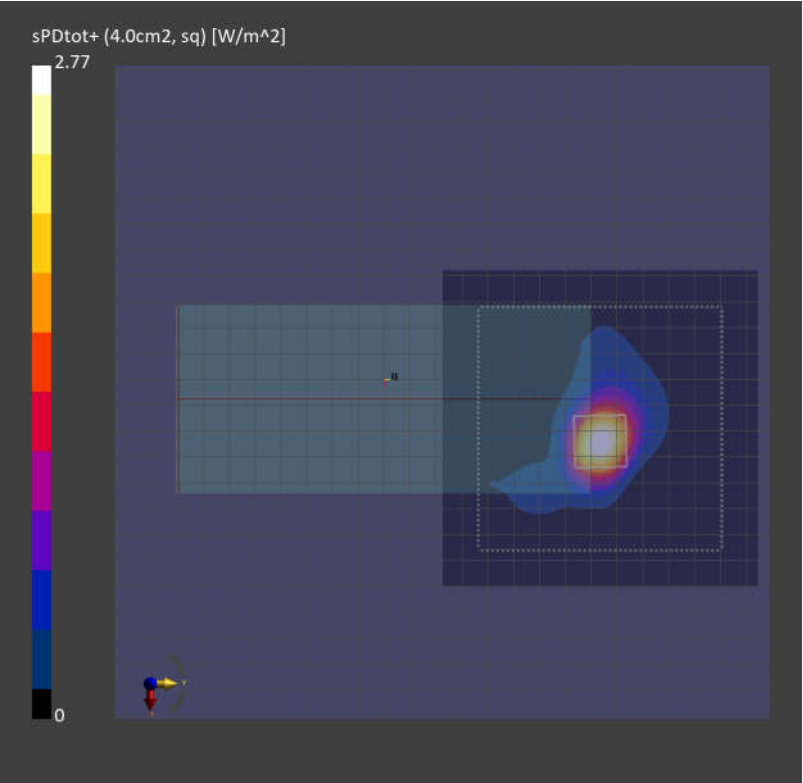
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1065	Air –	EUmmWV4 – SN9553_F1-55GHz, 2024-11-15	DAE4 Sn1650, 2024-11-25

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	2025-02-09
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.06
psPDtot+ [W/m ²]	2.77
psPDmod+ [W/m ²]	4.20
E _{max} [V/m]	51.5
Power Drift [dB]	0.01



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	160.0 x 73.0 x 8.0		Phone

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, 10731-AAC	5985.0, 7	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	2025-02-09
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.59
psPDtot+ [W/m ²]	3.12
psPDmod+ [W/m ²]	5.16
E _{max} [V/m]	60.6
Power Drift [dB]	0.11

