

Date: 2025-02-17

01_WLAN6GHz_802.11ax-HE160 MCS0_Left Tilted_0mm_Ch111

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)

Frequency: 6505.000MHz; Duty Cycle: 1:1.084

Medium: HSL Medium parameters used: $f = 6505.000$ MHz; $\sigma = 6.17$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°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, 10755-AAC

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

SAR (1g) = 0.489 W/kg; SAR (10g) = 0.165 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

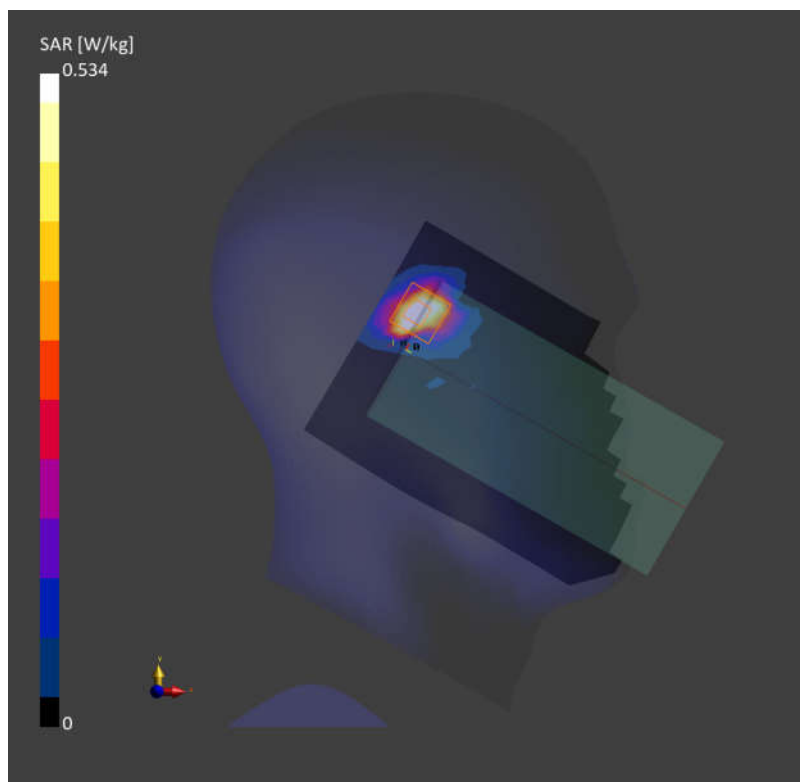
Power Drift = -0.18 dB

SAR (1g) = 0.534 W/kg; SAR (10g) = 0.174 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 53.4 %

psAPD (4.0cm², sq) = 3.93 [W/m²]



Date: 2025-02-17

02_WLAN6GHz_802.11ax-HE160 MCS0_Back_5mm_Ch207

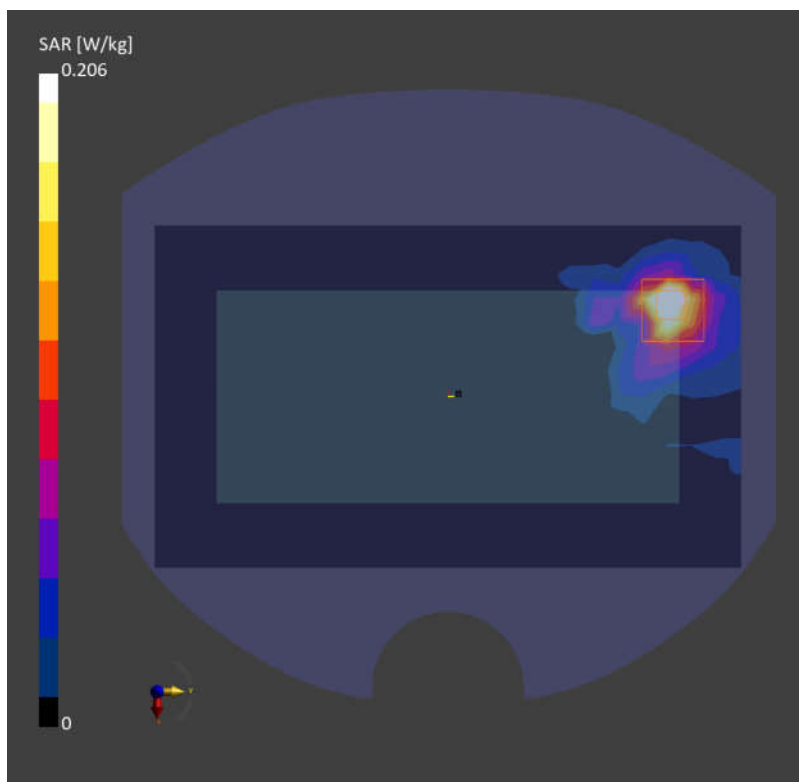
Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)
Frequency: 6985.000MHz; Duty Cycle: 1:1.084
Medium: HSL Medium parameters used: $f = 6985.000$ MHz; $\sigma = 6.75$ S/m; $\epsilon_r = 33.7$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

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, 10755-AAC

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.210 W/kg; SAR (10g) = 0.063 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) = 0.206 W/kg; SAR (10g) = 0.062 W/kg
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.3 %
psAPD (4.0cm², sq) = 1.42 [W/m²]



Date: 2025-02-17

03_WLAN6GHz_802.11ax-HE160 MCS0_Top Side_0mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)

Frequency: 6025.000MHz; Duty Cycle: 1:1.084

Medium: HSL Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 35.4$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°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, 10755-AAC

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

SAR (1g) = 0.944 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

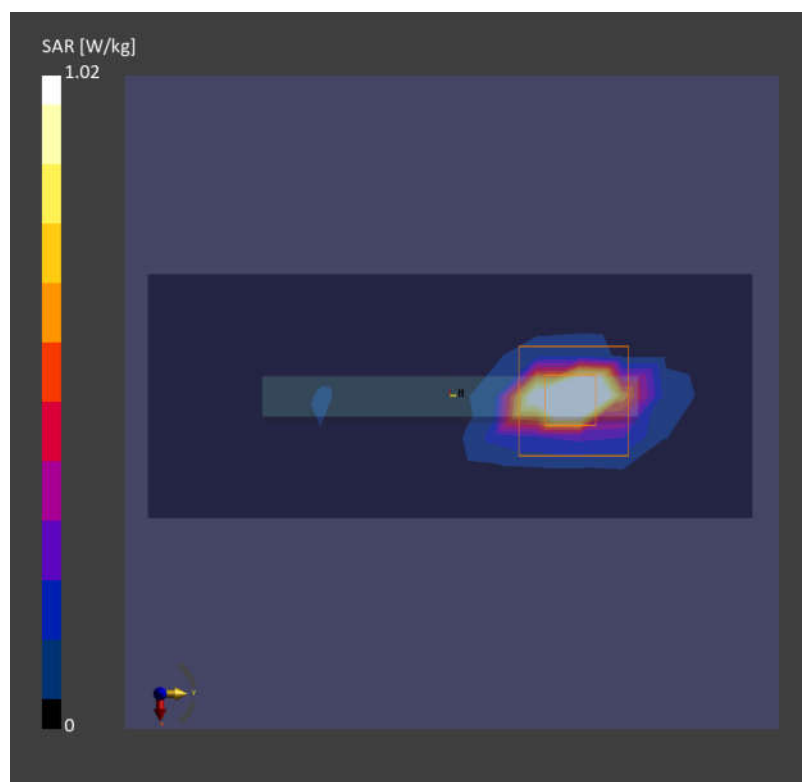
Power Drift = -0.01 dB

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.247 W/kg

Smallest distance from peaks to all points 3 dB below = 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.2 %

psAPD (4.0cm², sq) = 5.76 [W/m²]



01_WLAN6E_802.11ax-HE160 MCS0_Top Side_2mm_Ch143

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-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

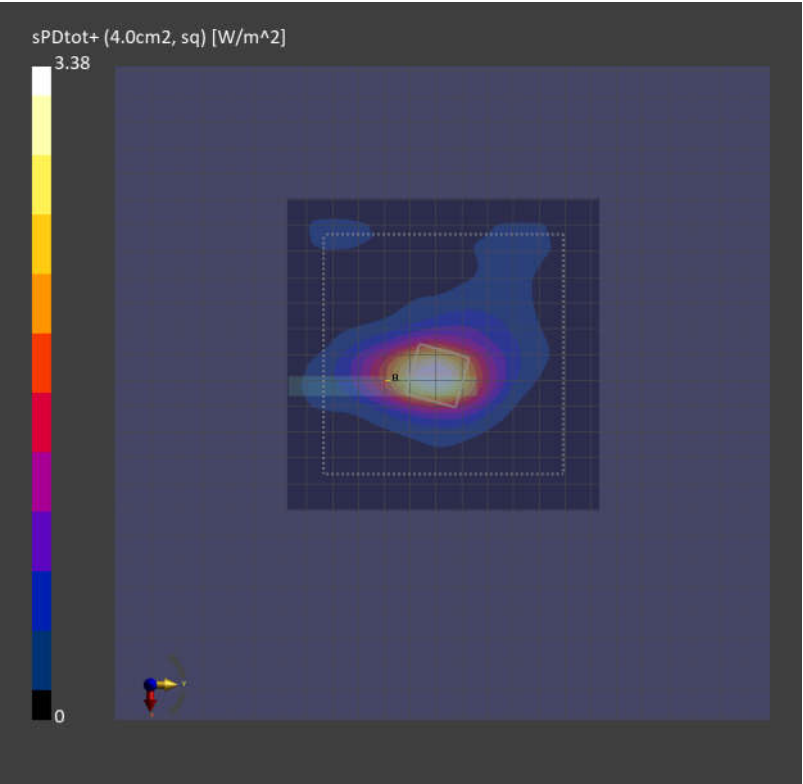
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2024-11-15	DAE4 Sn1650, 2024-11-25

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]	2.57
psPDtot+ [W/m ²]	3.38
psPDmod+ [W/m ²]	4.30
E _{max} [V/m]	53.2
Power Drift [dB]	0.02



02_WLAN6E_802.11ax-HE160 MCS0_Front_2mm_Ch47

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, 10755-AAC	6185.0, 47	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]	2.67
psPDtot+ [W/m ²]	3.17
psPDmod+ [W/m ²]	4.88
E _{max} [V/m]	58.9
Power Drift [dB]	0.08

