

01_WLAN6GHz_802.11ax-HE160 MCS0_On the Front of the Face_Ch207

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.2 x 77.9 x 8.0		Other

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Headstand, HSL	DEFAULT, 0.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	5.45	6.37	32.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 – 1024	HBBL-600-10000 , --	EX3DV4 – SN7641, 2024-06-03	DAE4 Sn1210, 2024-12-17

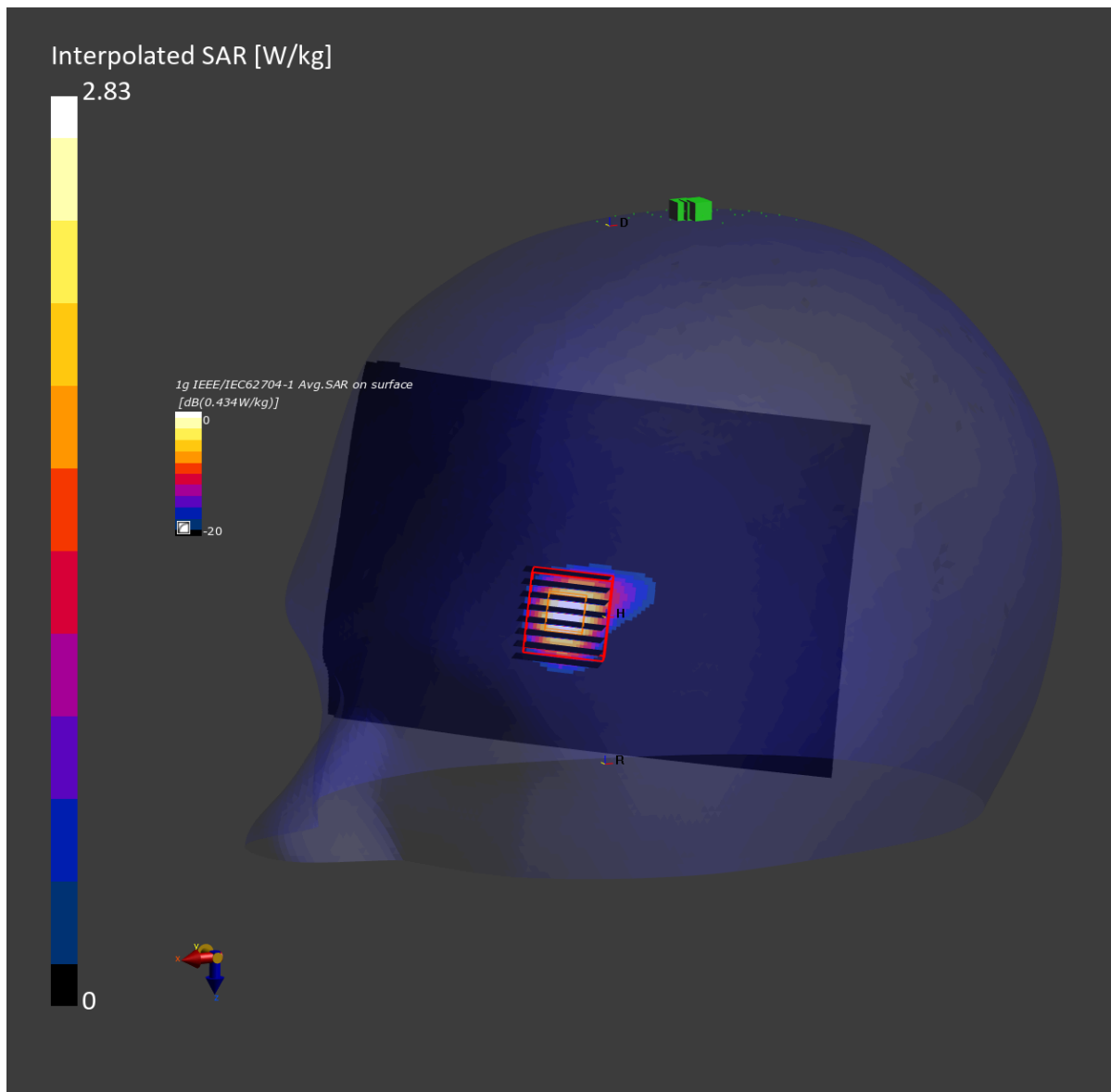
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	140.2 x 95.3	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	3.0
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
Scan Method	Measured	Measured

SAR Pattern

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-03-10, 12:06	2025-03-10, 12:16
psSAR1g [W/Kg]	0.434	0.484
psSAR10g [W/Kg]	0.101	0.106
Power Drift [dB]	0.07	0.11
psAPD (1.0cm2, sq) [W/m2]		4.84
psAPD (4.0cm2, sq) [W/m2]		2.57



02_WLAN6GHz_802.11ax-HE160 MCS0_On of the head_Ch207

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.2 x 77.9 x 8.0		Other

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Headstand, HSL	DEFAULT, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.45	6.37	32.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 – 1024	HBBL-600-10000 , --	EX3DV4 – SN7641, 2024-06-03	DAE4 Sn1210, 2024-12-17

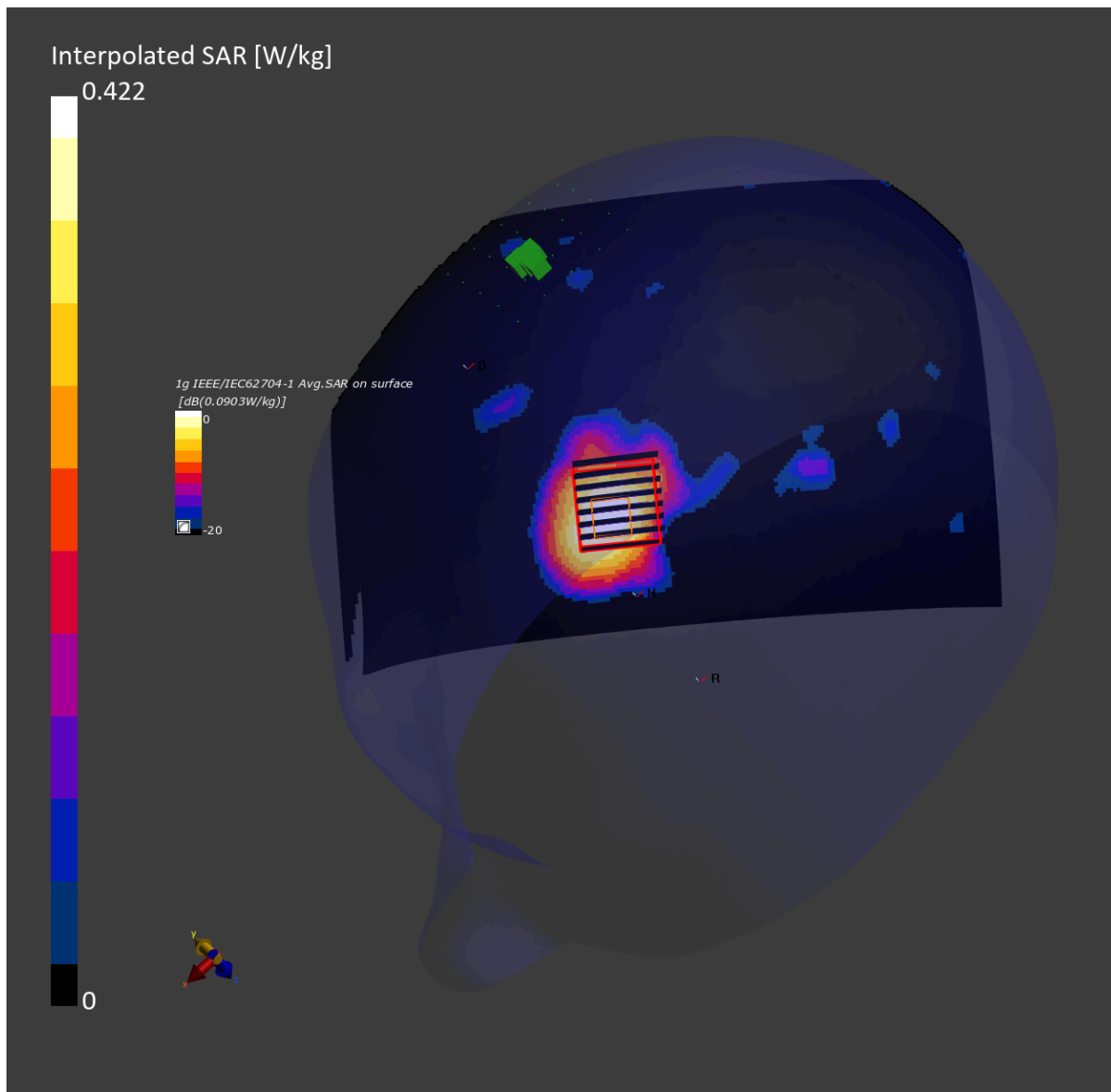
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	172.8 x 117.6	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	3.0
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
Scan Method	Measured	Measured

SAR Pattern

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-03-10, 12:31	2025-03-10, 12:58
psSAR1g [W/Kg]	0.090	0.103
psSAR10g [W/Kg]	0.029	0.029
Power Drift [dB]	0.05	0.02
psAPD (1.0cm2, sq) [W/m2]		1.03
psAPD (4.0cm2, sq) [W/m2]		0.691



03_WLAN6GHz_802.11ax-HE160 MCS0_Left Temple Arm Outer Edge Touching Phantom_0mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6025.0 MHz;

Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6025.0$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 35.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10743-AAC

Area Scan (51.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.247 W/kg; SAR (10g) = 0.046 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 2.6 mm x 2.6 mm x 1.2 mm

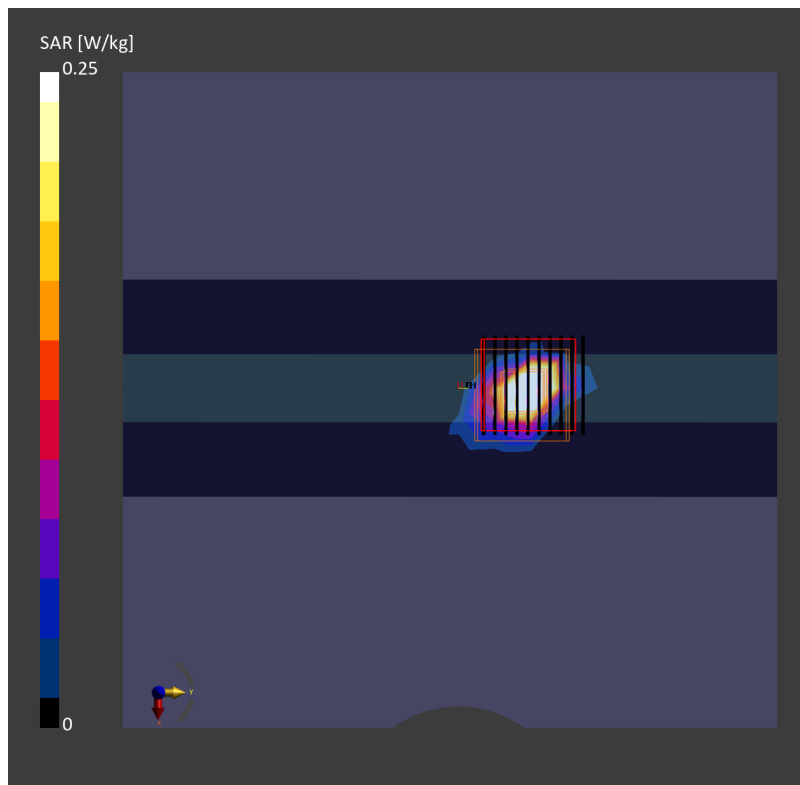
Power Drift = 0.01 dB

SAR (1g) = 0.250 W/kg; SAR (10g) = 0.040 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.0 %

psAPD (4.0cm², sq) = 0.981 [W/m²]



Date: 2025-4-13

04_WLAN6GHz_802.11ax-HE160 MCS0_Left Lens Kept 5mm Distance from Phantom_5mm_Ch207

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6985.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6985.0$ MHz; $\sigma = 6.84$ S/m; $\epsilon_r = 33.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10755-AAC

Area Scan (85.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.006 W/kg; SAR (10g) = 0.002 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

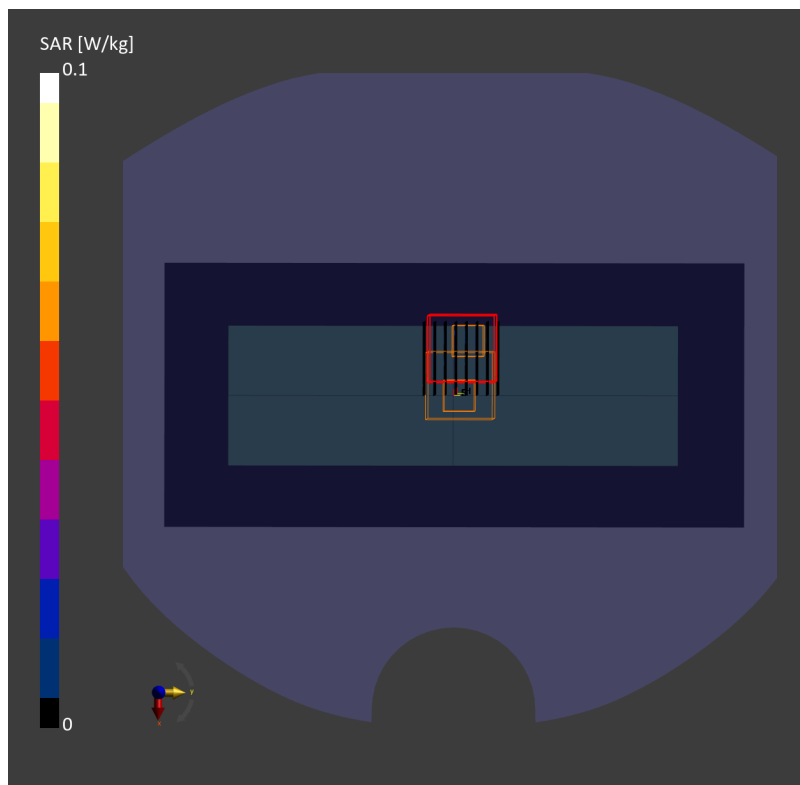
Power Drift = -0.15 dB

SAR (1g) = 0.007 W/kg; SAR (10g) = 0.002 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.2 %

psAPD (4.0cm², sq) = 0.051 [W/m²]



05_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_5mm_Ch207

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6985.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6985.0$ MHz; $\sigma = 6.84$ S/m; $\epsilon_r = 33.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10743-AAC

Area Scan (102.0 mm x 221.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.455 W/kg; SAR (10g) = 0.170 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

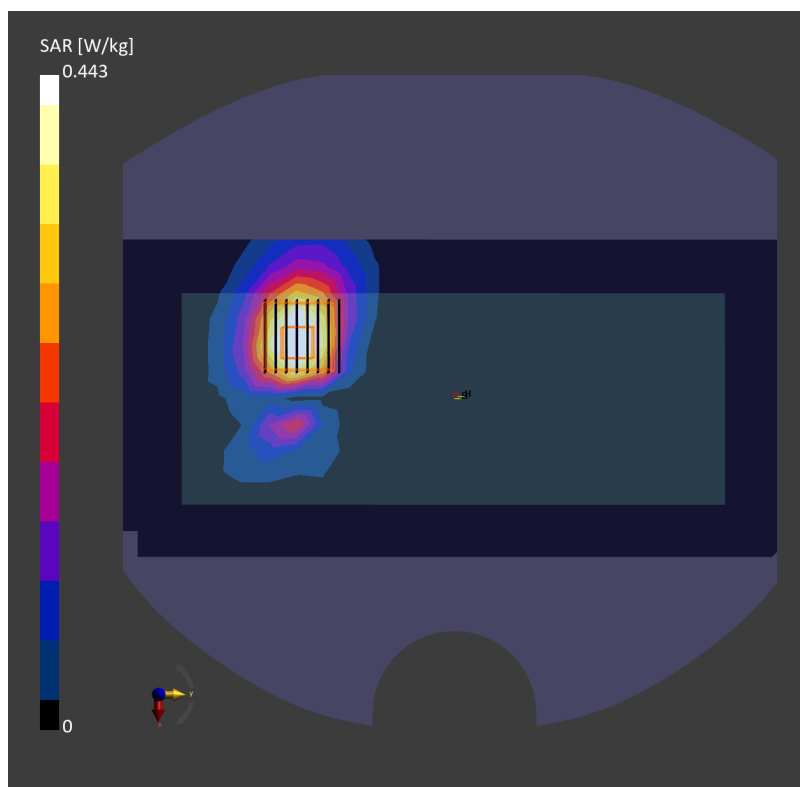
Power Drift = 0.09 dB

SAR (1g) = 0.443 W/kg; SAR (10g) = 0.167 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.8 %

psAPD (4.0cm², sq) = 3.74 [W/m²]



Date: 2025-4-13

06_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_0mm_Ch111

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency:6505.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6505.0$ MHz; $\sigma = 6.27$ S/m; $\epsilon_r = 34.7$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38,5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10743-AAC

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.257 W/kg; SAR (10g) = 0.107 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

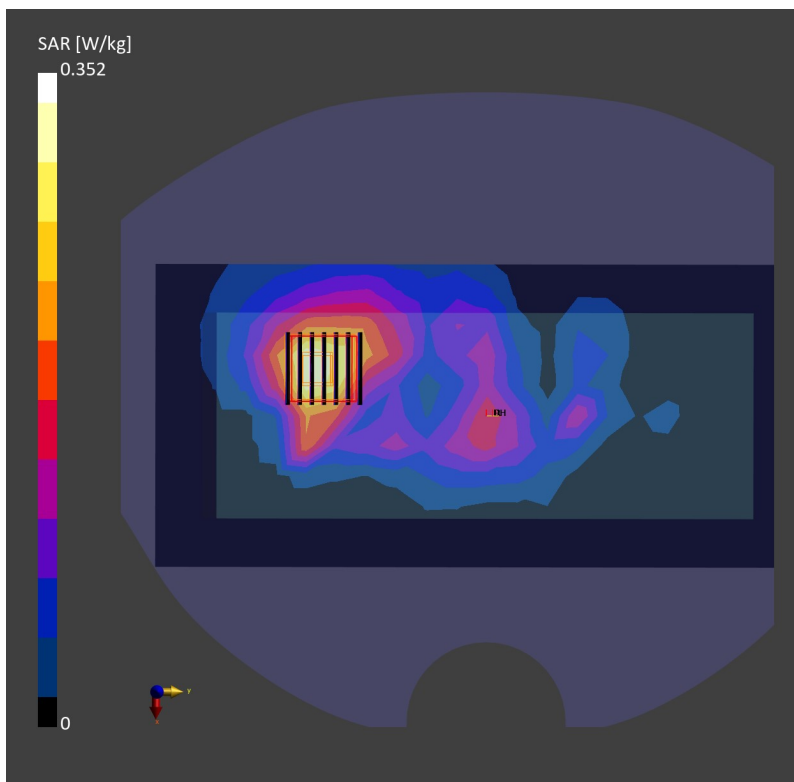
Power Drift = 0.14 dB

SAR (1g) = 0.352 W/kg; SAR (10g) = 0.163 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.1 %

psAPD (4.0cm², sq) = 3.72 [W/m²]



04_WLAN6GHz_802.11ax-HE160 MCS0_Inner Edge_3mm_Ch207

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	140.0 x 40.0 x 50.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	Inner Edge, 3.00	U-NII-8	WLAN, 10636-AAE	6985.0, 207	1.0

Hardware Setup

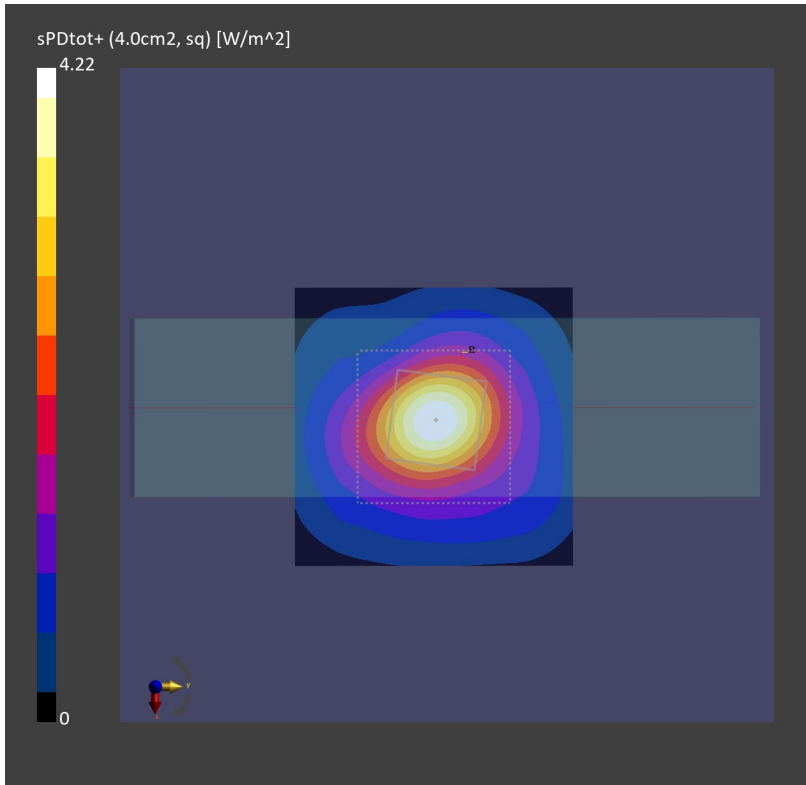
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1696, 2025-09-10

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	3.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-11-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.65
psPDtot+ [W/m ²]	4.22
psPDmod+ [W/m ²]	4.64
E _{max} [V/m]	59.3
Power Drift [dB]	-0.05



01_WLAN6GHz_802.11ax-HE160 MCS0_Left Temple Arm Outer Edge Touching Phantom (B)_2mm_Ch111

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	143.0 x 46.0 x 34.0		Other

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 2.00	U-NII-6	WLAN, 10554-AAE	6505.0, 111	1.0

Hardware Setup

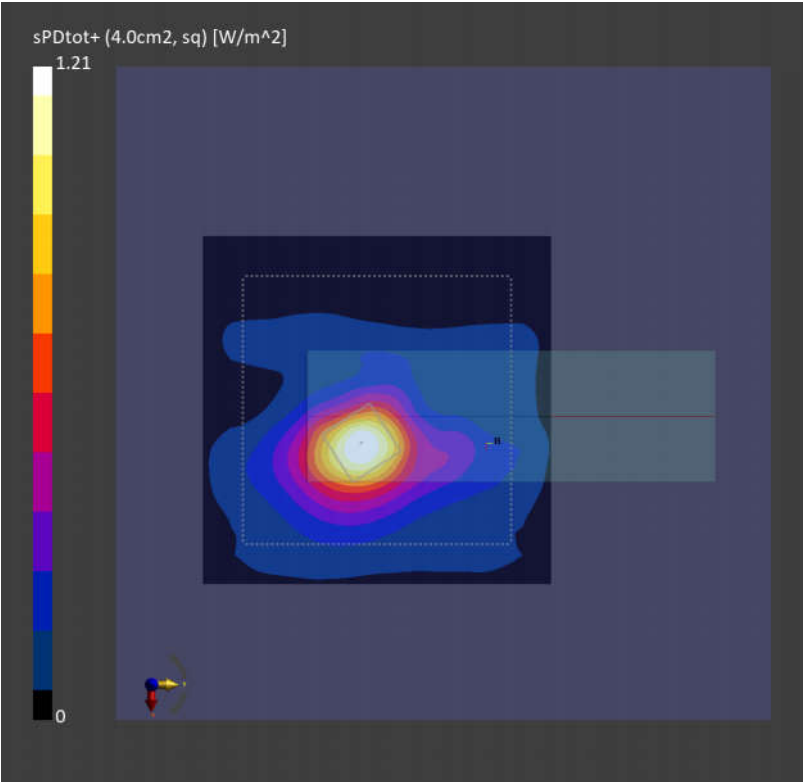
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-04-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.16
psPDtot+ [W/m ²]	1.21
psPDmod+ [W/m ²]	1.48
E _{max} [V/m]	32.1
Power Drift [dB]	0.09



02_WLAN6GHz_802.11ax-HE160 MCS0_Left Lens Kept 5mm Distance from Phantom (B)_5mm_Ch111

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	143.0 x 46.0 x 34.0		Other

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 5.00	U-NII-6	WLAN, 10554-AAE	6505.0, 111	1.0

Hardware Setup

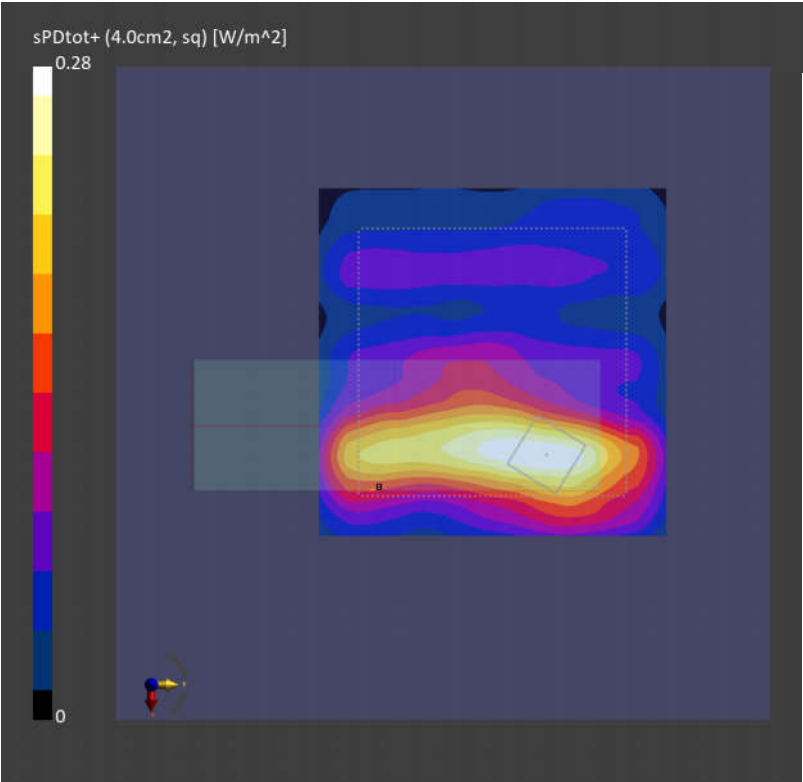
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	5.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-04-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.267
psPDtot+ [W/m ²]	0.280
psPDmod+ [W/m ²]	0.301
E _{max} [V/m]	11.9
Power Drift [dB]	-0.08



03_WLAN6GHz_802.11ax-HE160 MCS0_Left Side (C)_2mm_Ch47

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	175.0 x 65.0 x 68.0		Other

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	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-04-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.43
psPDtot+ [W/m ²]	4.68
psPDmod+ [W/m ²]	4.79
E _{max} [V/m]	51.6
Power Drift [dB]	-0.05

