

01_WLAN6GHz_802.11ax-HE160 MCS0_On the Front of the Face_Ch15

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-5	WLAN, 10755-AAC	6025.0, 15	5.45	5.37	34.3

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

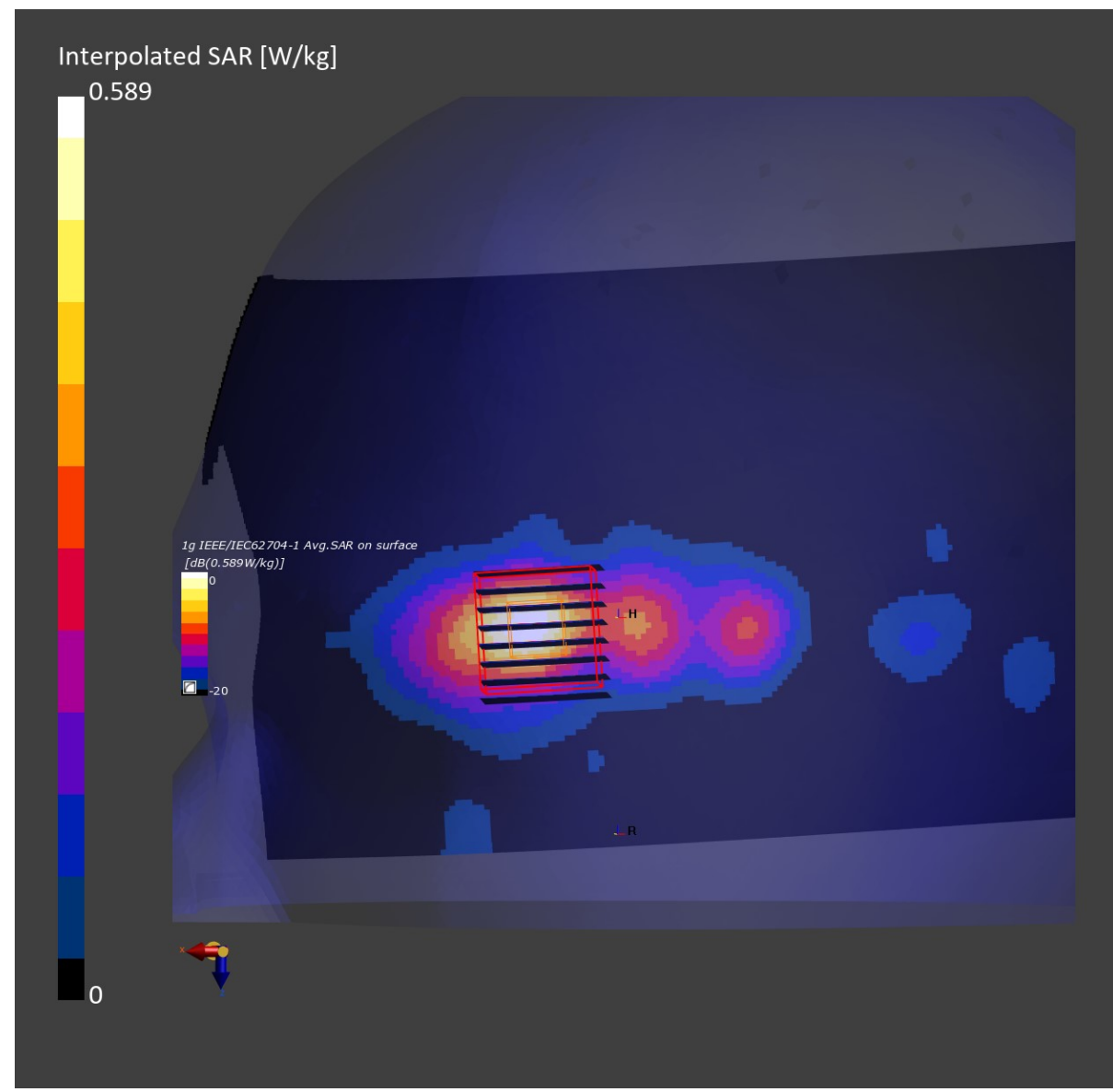
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	179.9 x 106.8	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

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-05-18, 18:17	2025-05-18, 18:46
psSAR1g [W/Kg]	0.161	0.135
psSAR10g [W/Kg]	0.049	0.037
Power Drift [dB]	0.07	0.05
psAPD (1.0cm2, sq) [W/m2]		1.35
psAPD (4.0cm2, sq) [W/m2]		0.872

SAR Pattern



02_WLAN6GHz_802.11ax-HE160 MCS0_On of the head_Ch15

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-5	WLAN, 10743-AAC	6025.0, 15	5.45	5.37	34.3

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

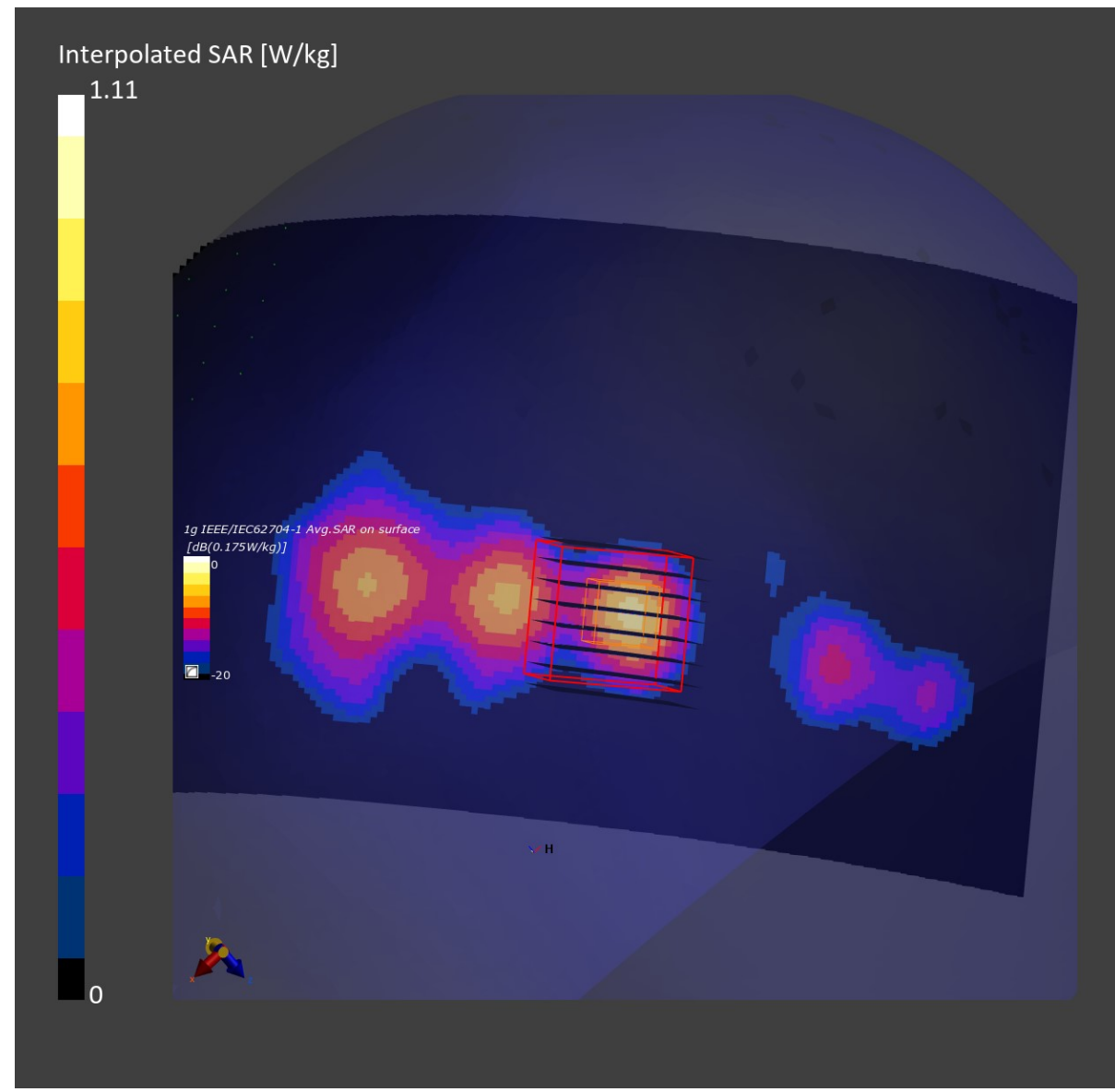
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	162.5 x 98.7	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

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-05-19, 11:58	2025-05-19, 12:10
psSAR1g [W/Kg]	0.105	0.103
psSAR10g [W/Kg]	0.029	0.019
Power Drift [dB]	0.05	0.03
psAPD (1.0cm2, sq) [W/m2]		1.07
psAPD (4.0cm2, sq) [W/m2]		0.517

SAR Pattern



03_WLAN6GHz_802.11ax-HE160 MCS0_On of the head_Ch111

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-6	WLAN, 10744-AAC	6505.0, 111	5.45	5.93	33.5

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

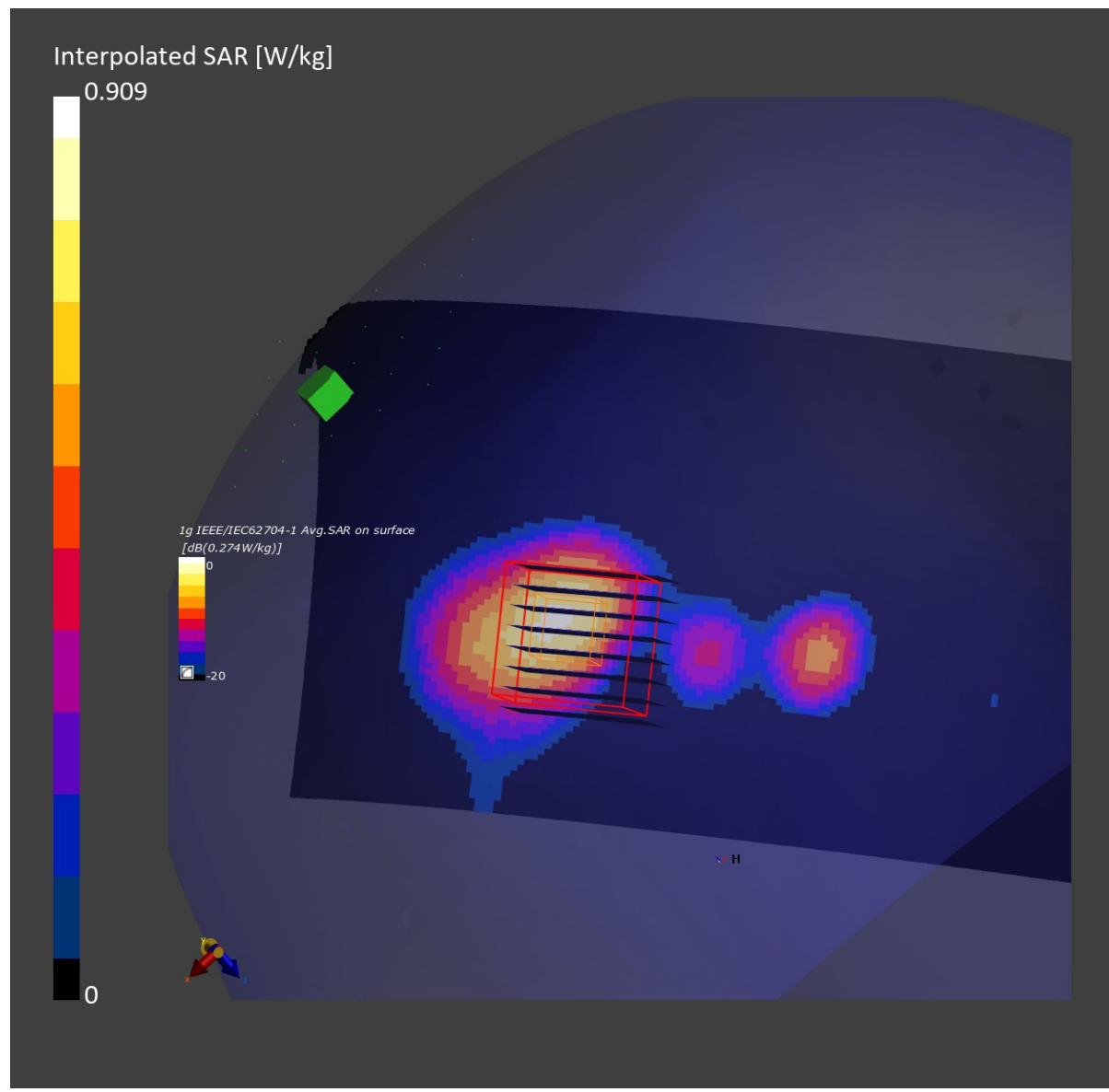
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	144.3 x 83.2	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

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-05-19, 05:54	2025-05-19, 06:05
psSAR1g [W/Kg]	0.094	0.081
psSAR10g [W/Kg]	0.033	0.032
Power Drift [dB]	0.05	-0.14
psAPD (1.0cm2, sq) [W/m2]		1.51
psAPD (4.0cm2, sq) [W/m2]		0.71

SAR Pattern



Date: 2025/5/14

04_WLAN6GHz_802.11ax-HE160 MCS0_Left Temple Arm Outer Edge Touching Phantom_0mm_Ch175

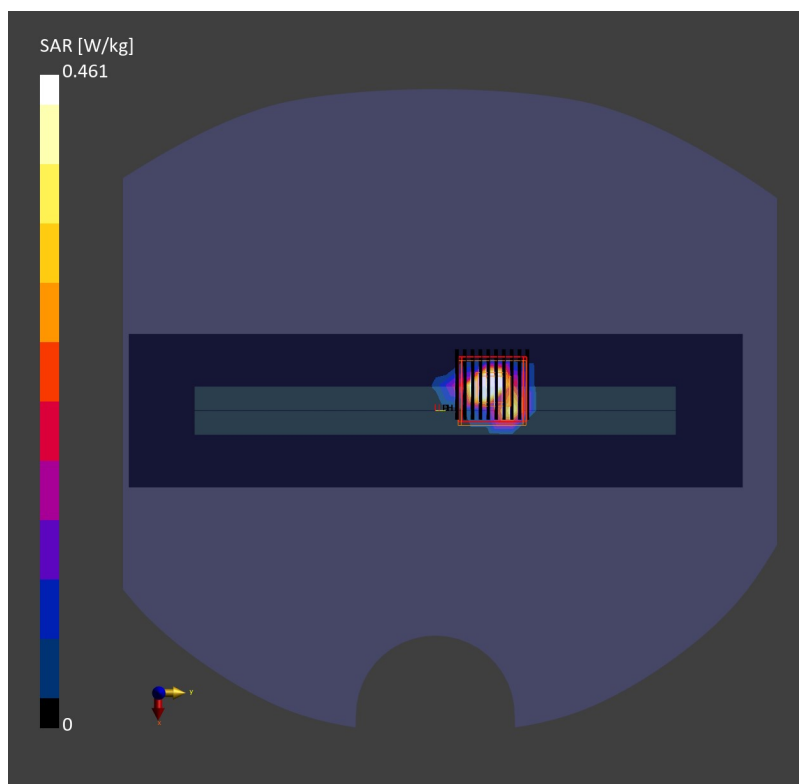
Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6825.0 MHz; Duty Cycle: 1:1.011
Medium: HSL Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 33.3$
Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

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) = 0.433 W/kg; SAR (10g) = 0.098 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 = 0.06 dB
SAR (1g) = 0.461 W/kg; SAR (10g) = 0.088 W/kg
Smallest distance from peaks to all points 3 dB below = 3.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.9 %
psAPD (4.0cm², sq) = 2.15 [W/m²]



Date: 2025/5/14

05_WLAN6GHz_802.11ax-HE160 MCS0_Left Lens Kept 5mm Distance from Phantom_5mm_Ch175

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6825.0 MHz; Duty Cycle: 1:1.011

Medium: HSL Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 33.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°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 (85.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.040 W/kg; SAR (10g) = 0.009 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

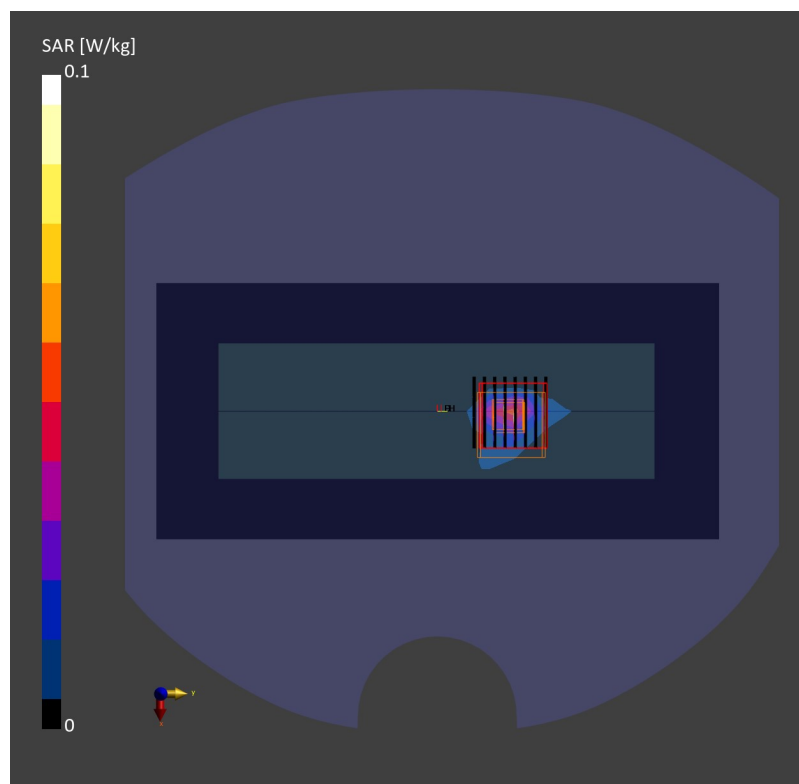
Power Drift = 0.03 dB

SAR (1g) = 0.037 W/kg; SAR (10g) = 0.009 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.5 %

psAPD (4.0cm², sq) = 0.207 [W/m²]



Date: 2025/5/14

06_WLAN6GHz_802.11ax-HE160 MCS0_Bottom Edge Kept 5mm Distance from Phantom_5mm_Ch207

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6985.0 MHz; Duty Cycle: 1:1.011

Medium: HSL Medium parameters used: $f = 6985.0$ MHz; $\sigma = 6.39$ S/m; $\epsilon_r = 33.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°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 (85.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.190 W/kg; SAR (10g) = 0.062 W/kg;

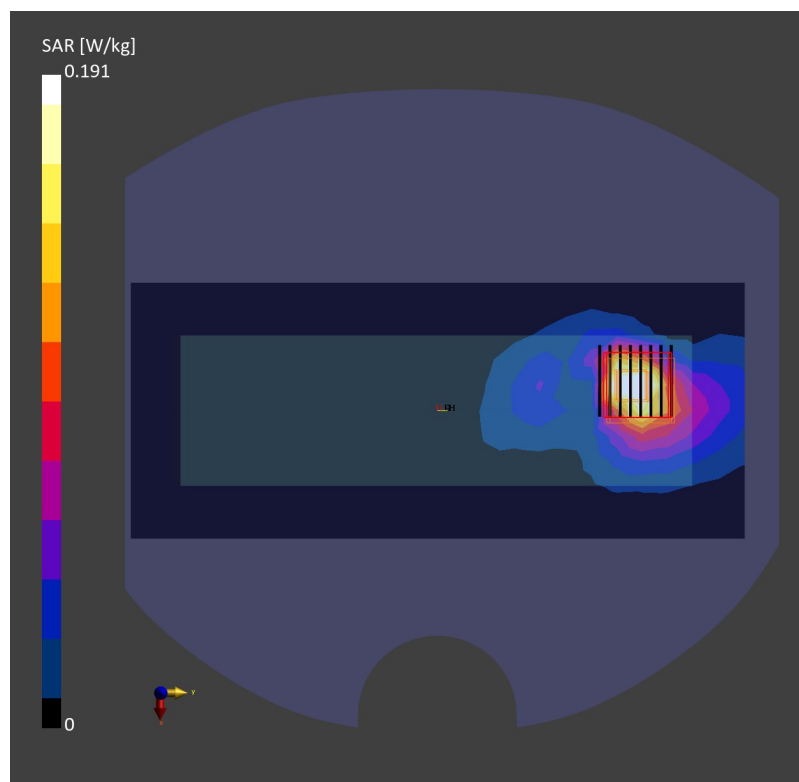
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.06 dB

SAR (1g) = 0.191 W/kg; SAR (10g) = 0.058 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50.6 %

psAPD (4.0cm², sq) = 1.34 [W/m²]



Date: 2025/5/14

07_WLAN6GHz_802.11ax-HE160 MCS0_Back_0mm_Ch207

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle); Frequency: 6985.0 MHz; Duty Cycle: 1:1.011

Medium: HSL Medium parameters used: $f = 6985.0$ MHz; $\sigma = 6.39$ S/m; $\epsilon_r = 33.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°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 (85.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.474 W/kg; SAR (10g) = 0.166 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 = 0.13 dB

SAR (1g) = 0.472 W/kg; SAR (10g) = 0.163 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 49.7 %

psAPD (4.0cm², sq) = 3.70 [W/m²]

