

01_WLAN6GHz_802.11ax-HE160 MCS0_Right Check_0mm_Ch175

Communication System: U-NII-7; Frequency: 6825.0

Medium: HSL. Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.39$ S/m; $\epsilon_r = 33.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.55, 5.55, 5.55); Calibrated: 2022-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn690; Calibrated: 2022-06-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644; Section: RightHead
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAC

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

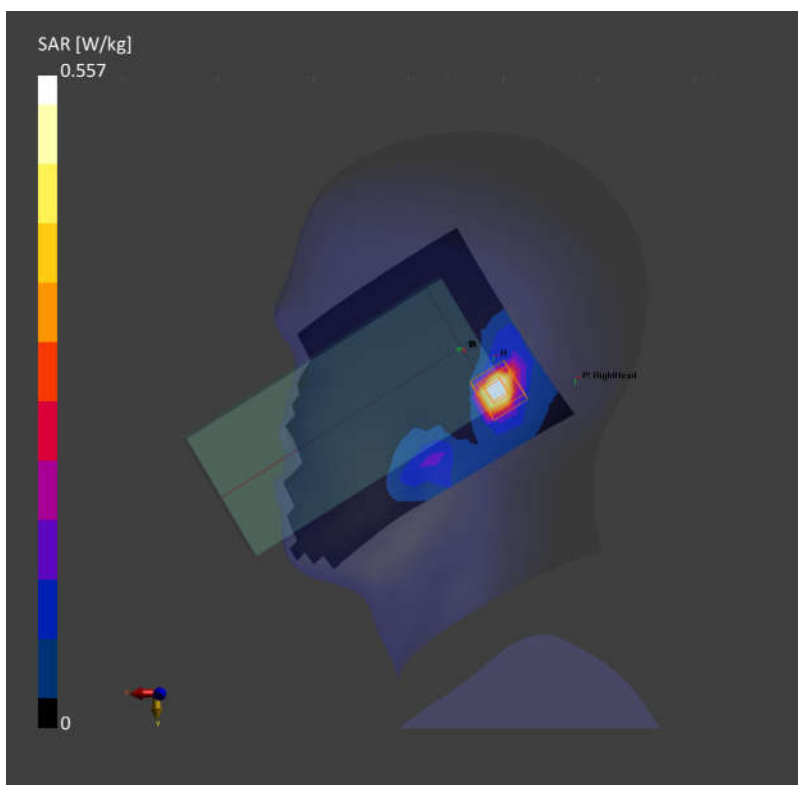
SAR (1g) = 0.524 W/kg; SAR (10g) = 0.231 W/kg;

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 = 0.04 dB

SAR (1g) = 0.557 W/kg; SAR (10g) = 0.237 W/kg;

psAPD (4.0cm², sq) = 3.86 [W/m²];



02_WLAN6GHz_802.11ax-HE160 MCS0_Back_15mm_Ch15

Communication System: U-NII-5; Frequency: 6025.0

Medium: HSL. Medium parameters used: $f = 6025.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.55, 5.55, 5.55); Calibrated: 2022-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn690; Calibrated: 2022-06-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAC

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

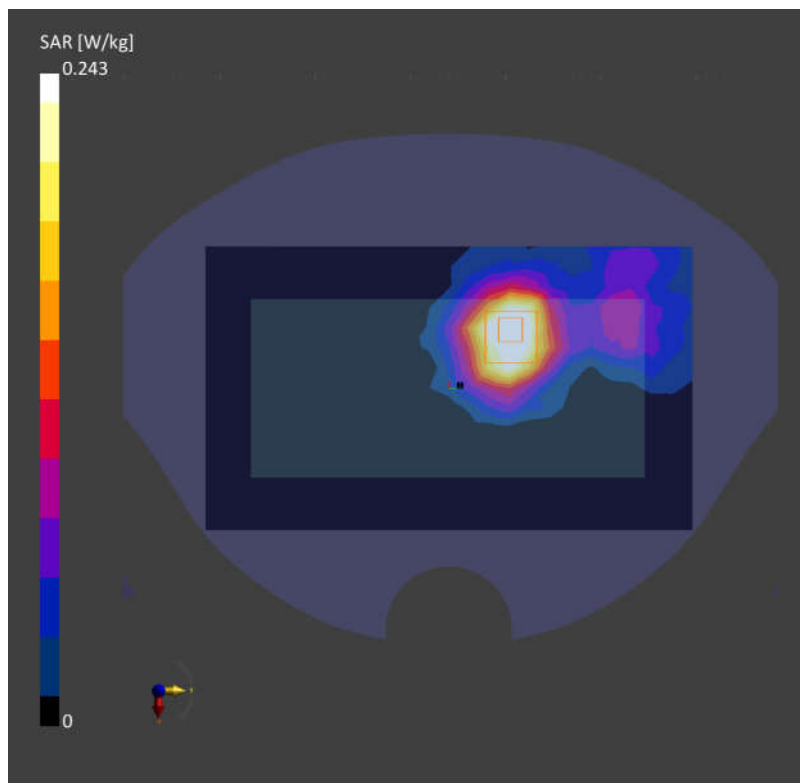
SAR (1g) = 0.208 W/kg; SAR (10g) = 0.074 W/kg;

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 = 0.08 dB

SAR (1g) = 0.243 W/kg; SAR (10g) = 0.079 W/kg;

psAPD (4.0cm², sq) = 2.19 [W/m²];



03_WLAN6GHz_802.11ax-HE160 MCS0_Back_0mm_Ch15

Communication System: U-NII-5; Frequency: 6025.0

Medium: HSL. Medium parameters used: $f = 6025.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.55, 5.55, 5.55); Calibrated: 2022-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn690; Calibrated: 2022-06-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAC

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

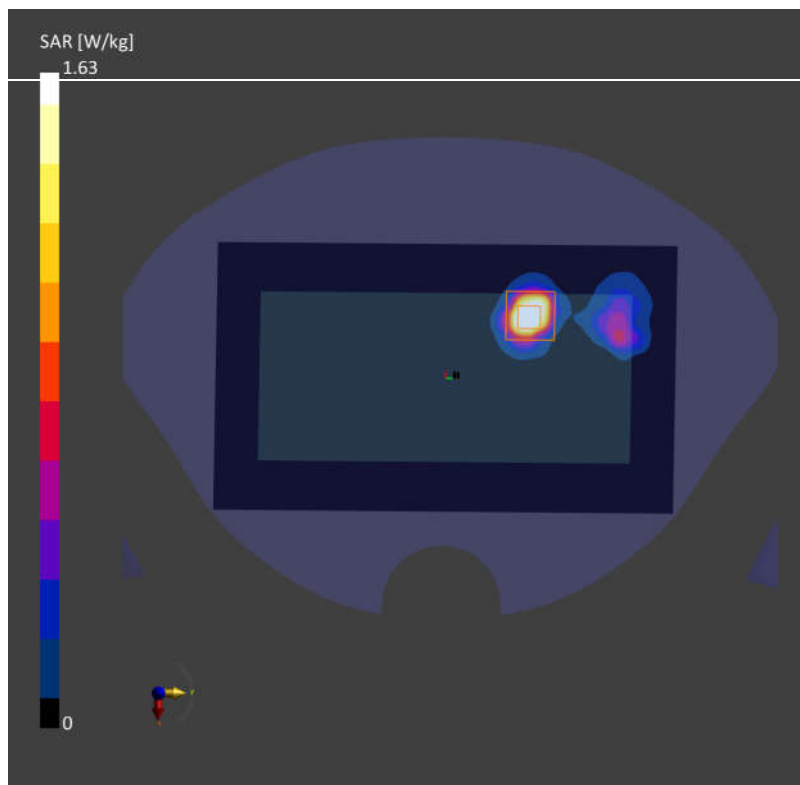
SAR (1g) = 1.53 W/kg; SAR (10g) = 0.534 W/kg;

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) = 1.63 W/kg; SAR (10g) = 0.555 W/kg;

psAPD (4.0cm², sq) = 13.1 [W/m²];



01_WLAN6GHz_802.11ax-HE160 MCS0_Back_2mm_Ch207

Device UnderTest Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	166.0 x 76.0 x 18.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1065	Air –	EUmmWV4 – SN9553_F1-55GHz, 2022-09-09	DAE4 Sn690, 2022-06-15

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	2023-03-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.73
psPDtot+ [W/m ²]	4.54
psPDmod+ [W/m ²]	5.26
E _{max} [V/m]	58.9
Power Drift [dB]	0.15

