

System Check_Head_2450MHz

DUT: D2450V2 - SN736

Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1

Medium: HSL_2450_240419 Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.58 W/kg; SAR (10g) = 1.19 W/kg;

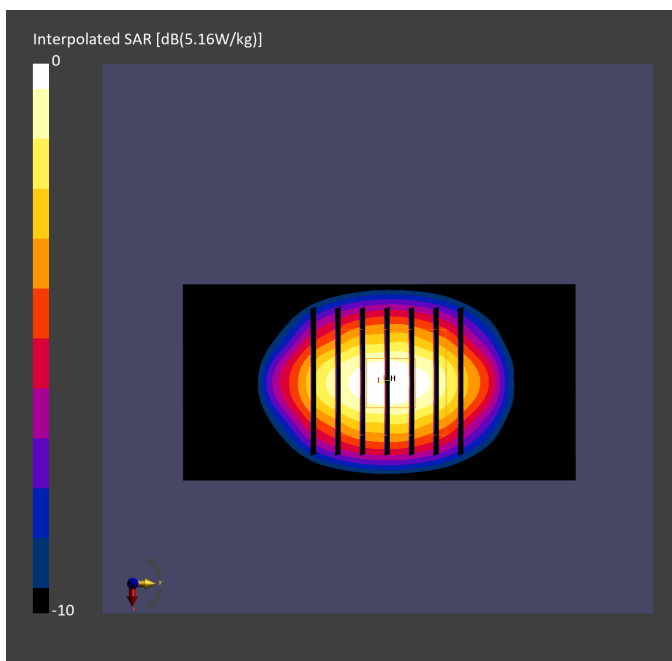
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.00 dB

SAR (1g) = 2.55 W/kg; SAR (8g) = 1.32 W/kg; SAR (10g) = 1.20 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 80.7 %



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1006

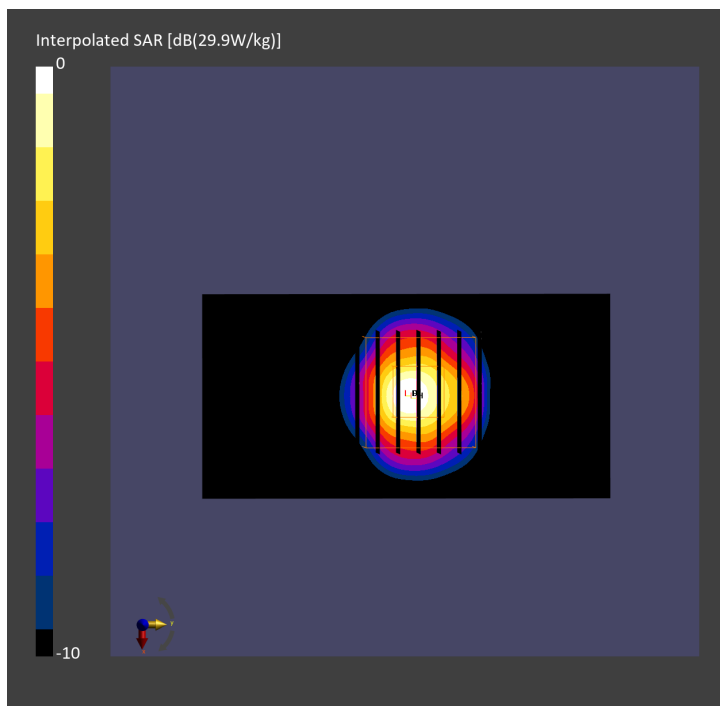
Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_240421 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.77$ S/m; $\epsilon_r = 37.2$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.25 W/kg; SAR (10g) = 2.11 W/kg;

Pin=20.0dBm/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 = -0.00 dB
SAR (1g) = 7.83 W/kg; SAR (8g) = 2.63 W/kg; SAR (10g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.1 %



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1006

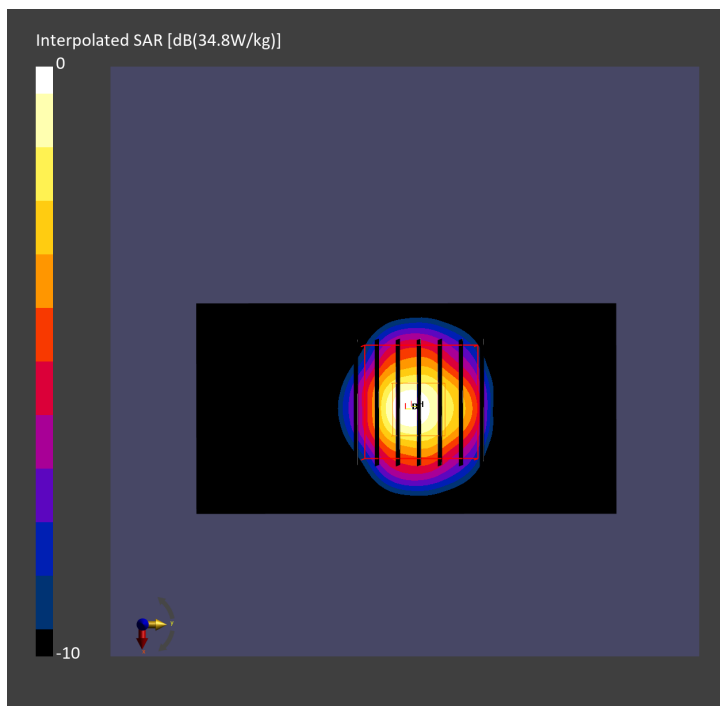
Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_240421 Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.13$ S/m; $\epsilon_r = 36.6$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.93 W/kg; SAR (10g) = 2.29 W/kg;

Pin=20.0dBm/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 = -0.00 dB
SAR (1g) = 8.56 W/kg; SAR (8g) = 2.86 W/kg; SAR (10g) = 2.45 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.6 %



System Check_Head_5750MHz

DUT: D5GHzV2 - SN1006

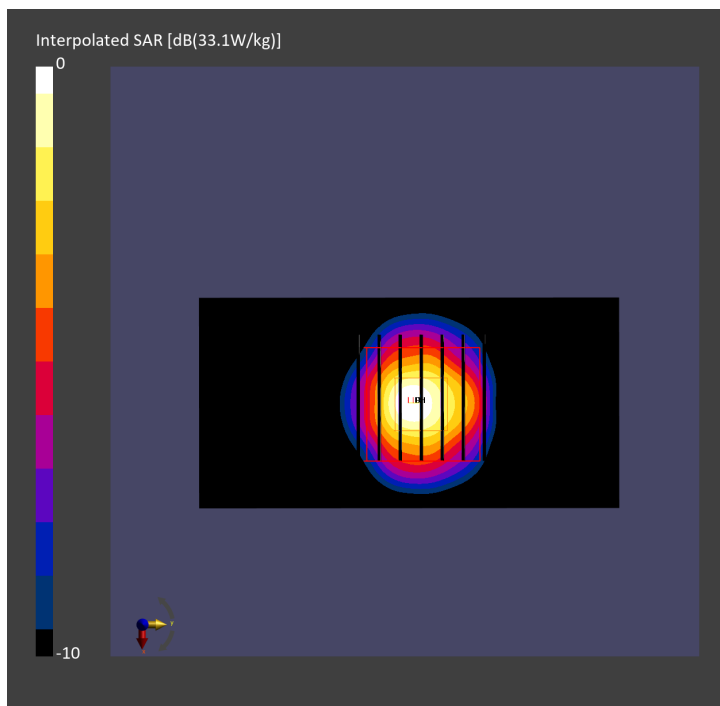
Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_240421 Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.29$ S/m; $\epsilon_r = 36.4$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.31 W/kg; SAR (10g) = 2.11 W/kg;

Pin=20.0dBm/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 = 0.02 dB
SAR (1g) = 7.92 W/kg; SAR (8g) = 2.63 W/kg; SAR (10g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.3 %



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1

Medium: HSL_6500_240420 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.13$ S/m; $\epsilon_r = 34.7$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 25.9 W/kg; SAR (10g) = 5.21 W/kg;

Pin=20.0dBm/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

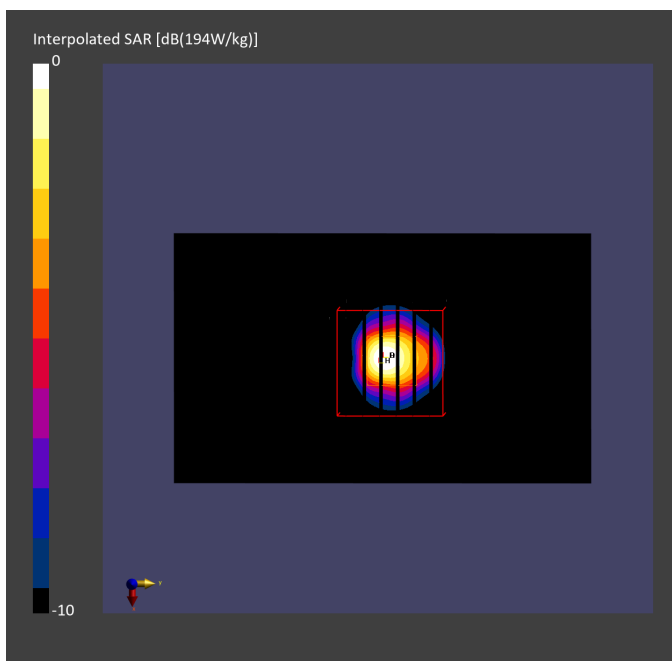
Power Drift = -0.03 dB

SAR (1g) = 30.4 W/kg; SAR (8g) = 6.87 W/kg; SAR (10g) = 5.64 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.0 %

psAPD (1.0cm², sq) = 304 [W/m²]; psAPD (4.0cm², sq) = 137 [W/m²]



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	190.0 x 130.0 x 9.5	Validation Source

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	DEFAULT, 10.00	D2450	CW	2450.000, 50	1.82	39.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1022	HSL-2450, 2024-Apr-19	EX3DV4 - SN7785, 2023-11-23	DAE4 Sn1707, 2023-12-06

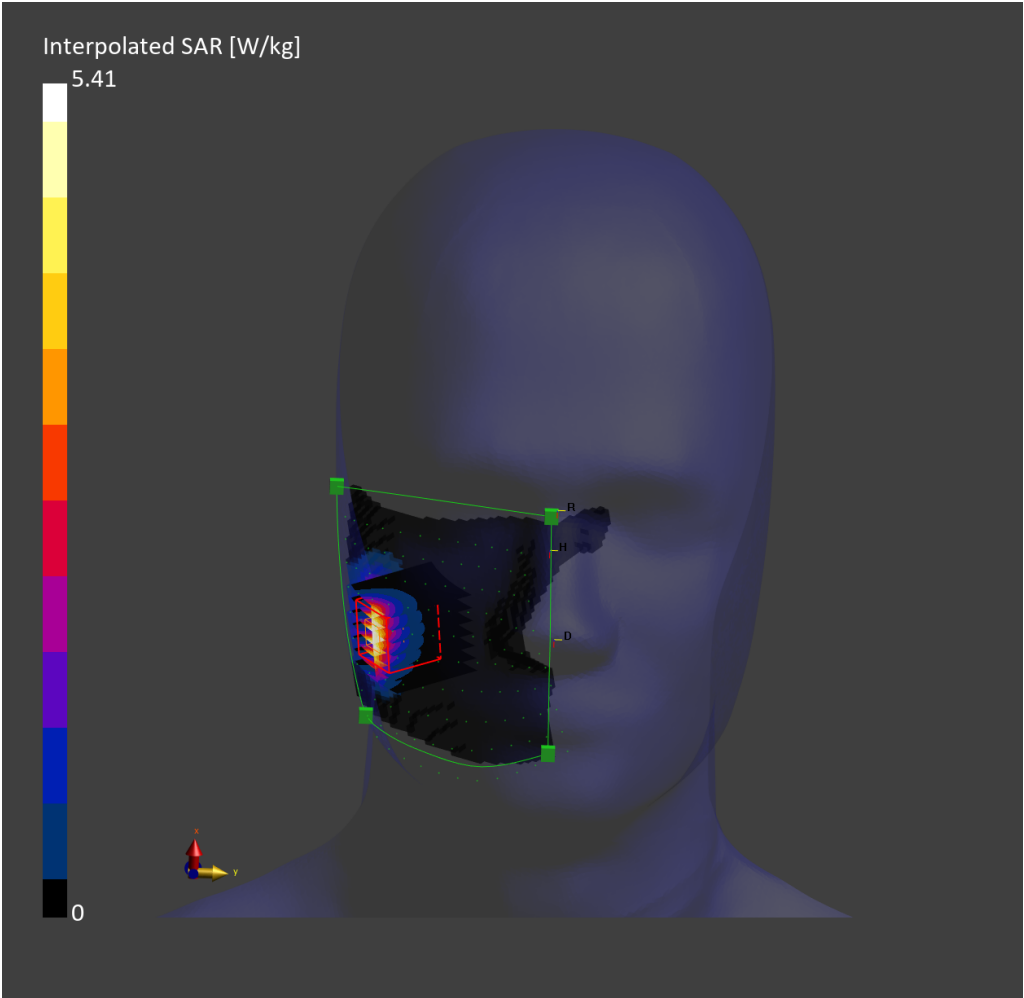
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	97.2 x 80.5	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-19	2024-04-19
psSAR1g [W/Kg]	2.45	2.73
psSAR10g [W/Kg]	1.21	1.23
Power Drift [dB]	0.07	-0.07
M2/M1 [%]		83.1
Dist 3dB Peak [mm]		8.4

SAR Pattern



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	190.0 x 130.0 x 9.5	ValidationSource

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	DEFAULT, 10.00	D2450	CW	2450.000, 50	1.82	39.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1022	HSL-2450, 2024-Apr-19	EX3DV4 - SN7785, 2023-11-23	DAE4 Sn1707, 2023-12-06

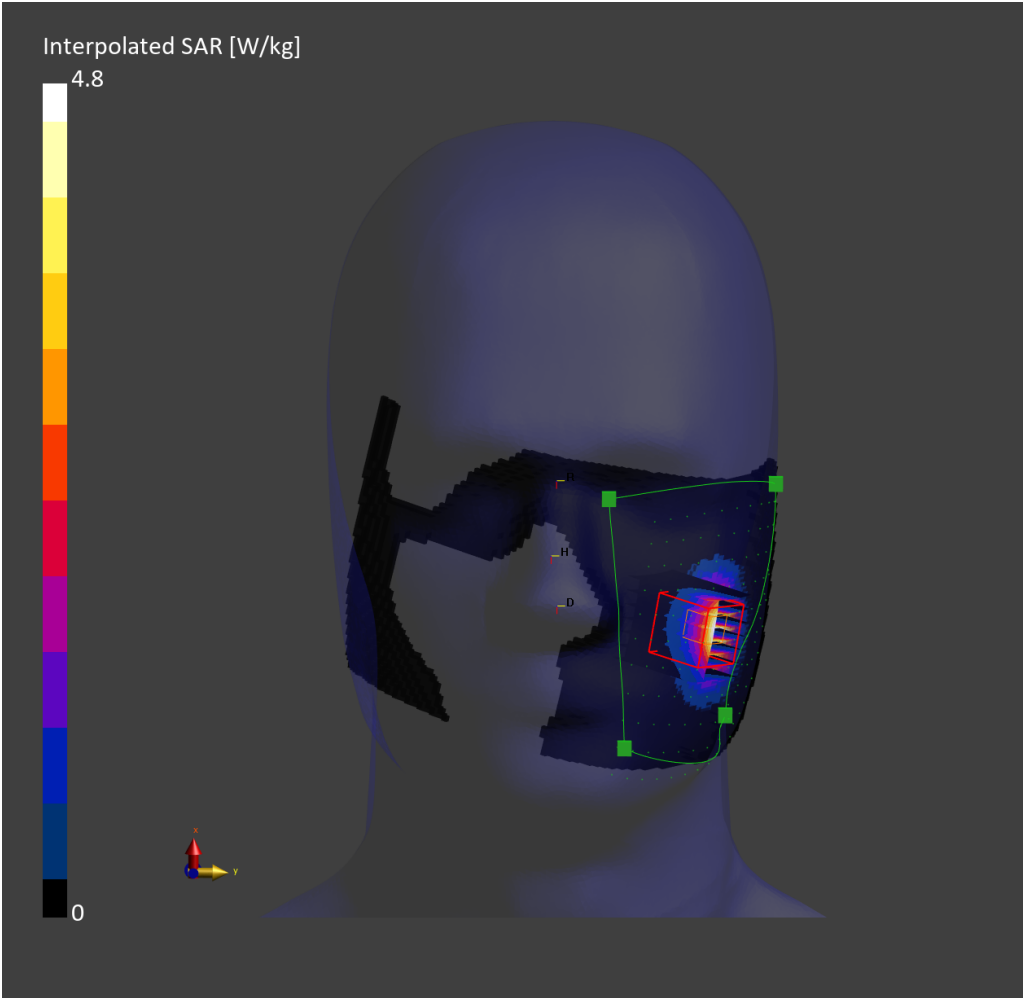
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	106.6 x 103.1	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-19	2024-04-19
psSAR1g [W/Kg]	2.12	2.55
psSAR10g [W/Kg]	0.983	1.14
Power Drift [dB]	0.16	-0.05
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		9.1

SAR Pattern



System Check_Right Face_Point I_5.8GHz

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	190.0 x 130.0 x 9.5	Validation Source

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	DEFAULT, 10.00	D5GHz	CW	5800.000, 80	5.34	36.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 – 1022	HSL-5G, 2024-Apr-21	EX3DV4 – SN7785, 2023-11-23	DAE4 Sn1707, 2023-12-06

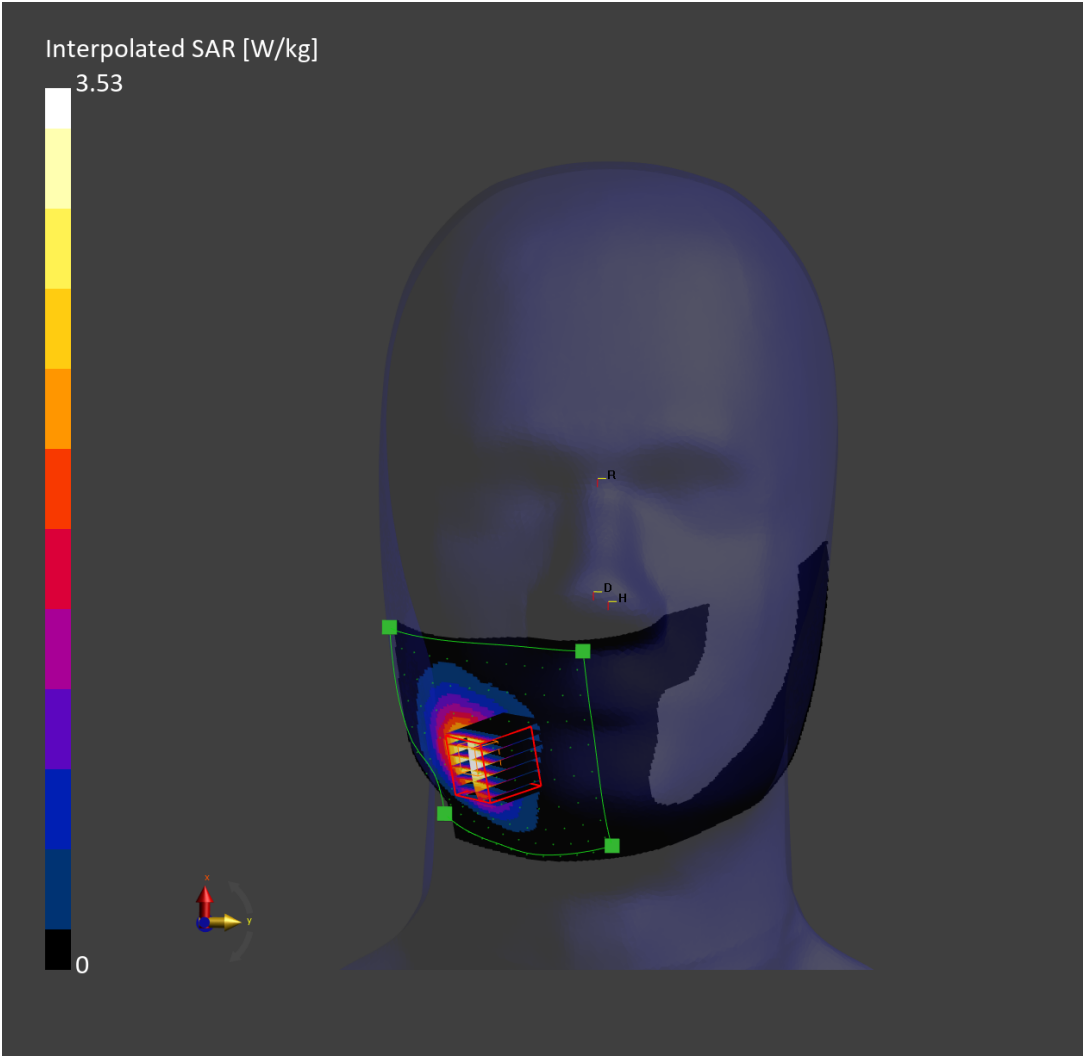
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	107.8 x 82.6	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-21	2024-04-21
psSAR1g [W/Kg]	1.56	1.36
psSAR10g [W/Kg]	0.555	0.505
Power Drift [dB]	0.11	0.03
M2/M1 [%]		66.8
Dist 3dB Peak [mm]		11.7

SAR Pattern



System Check_Left Face_Point I_5.8GHz

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	190.0 x 130.0 x 9.5	ValidationSource

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	DEFAULT, 10.00	D5GHz	CW	5800.000, 80	5.34	36.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 – 1022	HSL-5G, 2024-Apr-21	EX3DV4 – SN7785, 2023-11-23	DAE4 Sn1707, 2023-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	85.1 x 79.1	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-21	2024-04-21
psSAR1g [W/Kg]	0.592	0.664
psSAR10g [W/Kg]	0.208	0.254
Power Drift [dB]	0.02	-0.03
M2 /M1 [%]		64.0
Dist 3dB Peak [mm]		1.2

SAR Pattern

