

#01_WLAN2.4GHz_802.11g 6Mbps_Inner Surface_0mm_CH6

Device Under Test Properties

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

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, 0.00	WLAN 2.4GHz	WLAN, 10418-AAA	2437.000, 6	1.81	39.4

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

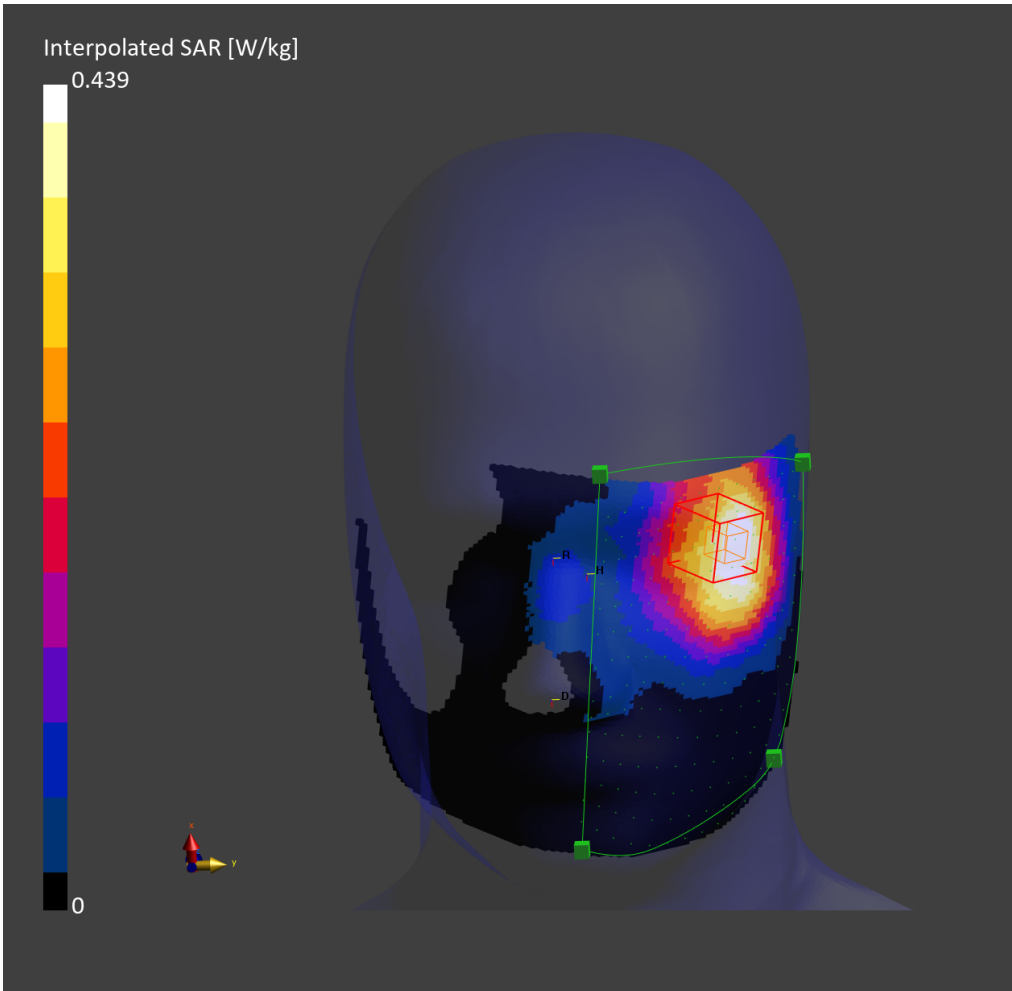
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	132.5 x 117.0	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	1.4

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-19	2024-04-19
psSAR1g [W/Kg]	0.246	0.220
psSAR10g [W/Kg]	0.153	0.143
Power Drift [dB]	0.06	-0.08
M2/M1 [%]		87.6
Dist 3dB Peak [mm]		19.4

SAR Pattern



Device Under Test Properties

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

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, 0.00	WLAN 5GHz	WLAN, 10599-AAD	5270.000, 54	4.79	37.1

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

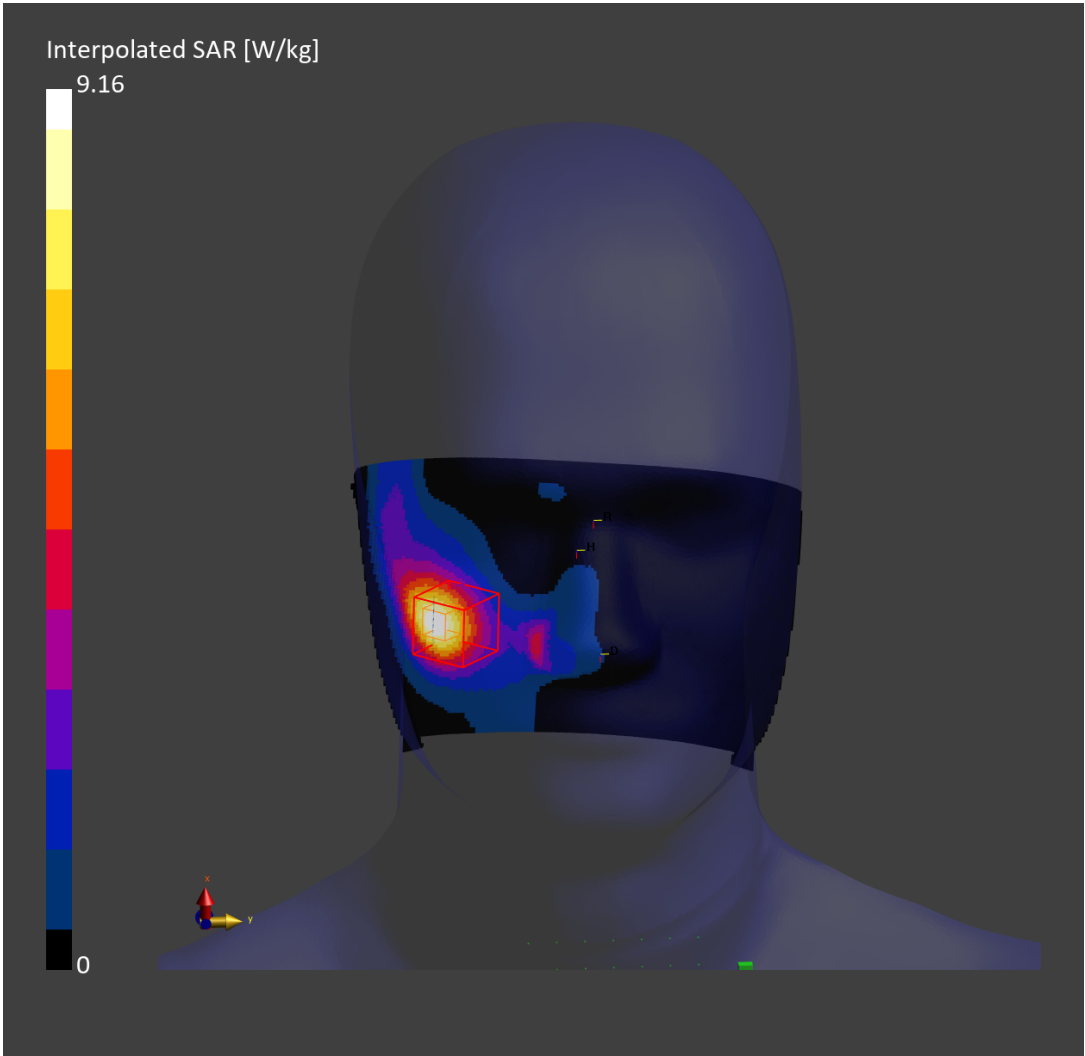
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	195.6 x 94.3	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	1.4

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-21	2024-04-21
psSAR1g [W/Kg]	0.558	0.424
psSAR10g [W/Kg]	0.230	0.148
Power Drift [dB]	0.10	-0.10
M2/M1 [%]		71.6
Dist 3dB Peak [mm]		8.1

SAR Pattern



Device Under Test Properties

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

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, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5690.000, 138	5.22	36.5

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

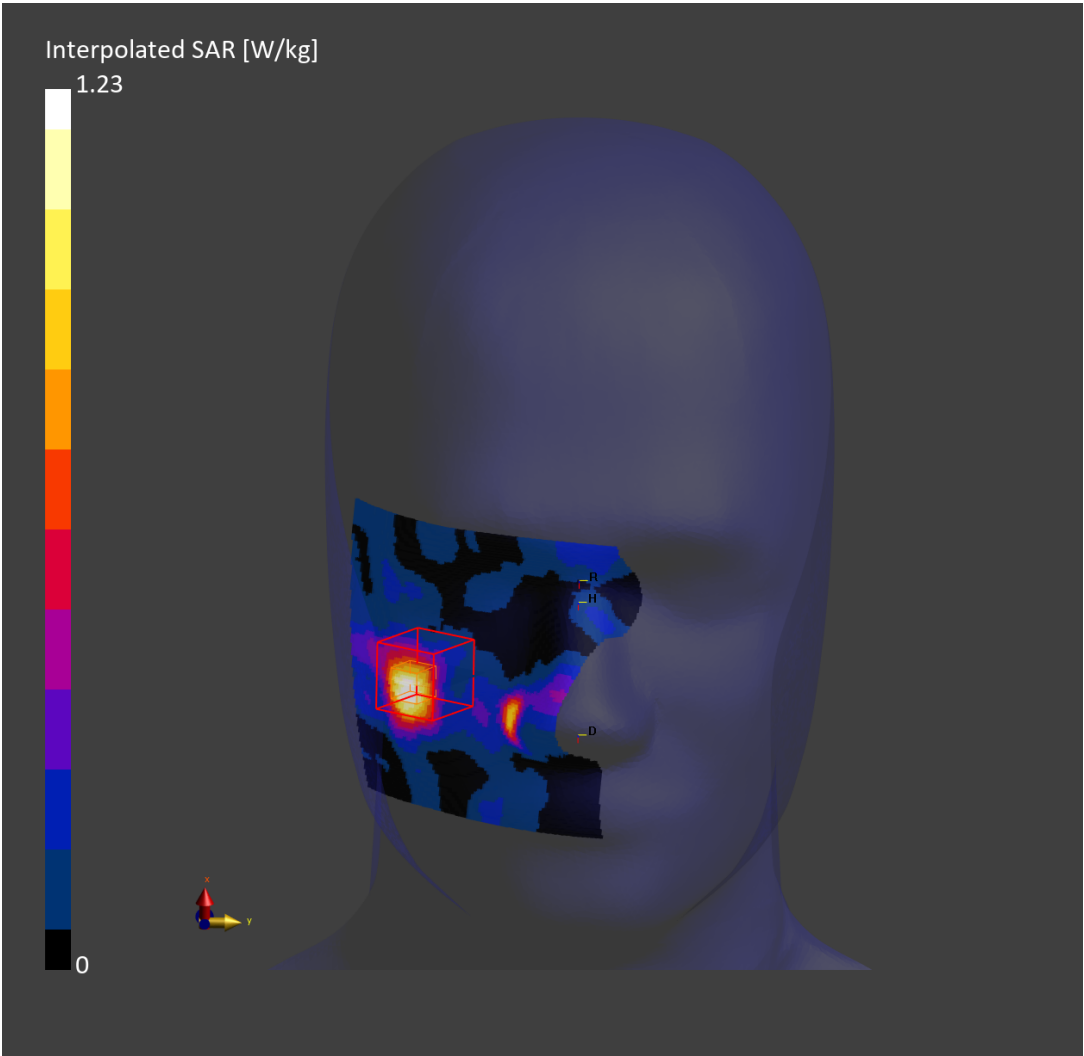
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	93.3 x 92.4	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]	0.660	0.374
psSAR10g [W/Kg]	0.218	0.126
Power Drift [dB]	-0.04	-0.07
M2/M1 [%]		66.1
Dist 3dB Peak [mm]		7.1

SAR Pattern



Device Under Test Properties

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

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, 0.00	WLAN 5GHz	WLAN, 10599-AAD	5795.000, 159	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

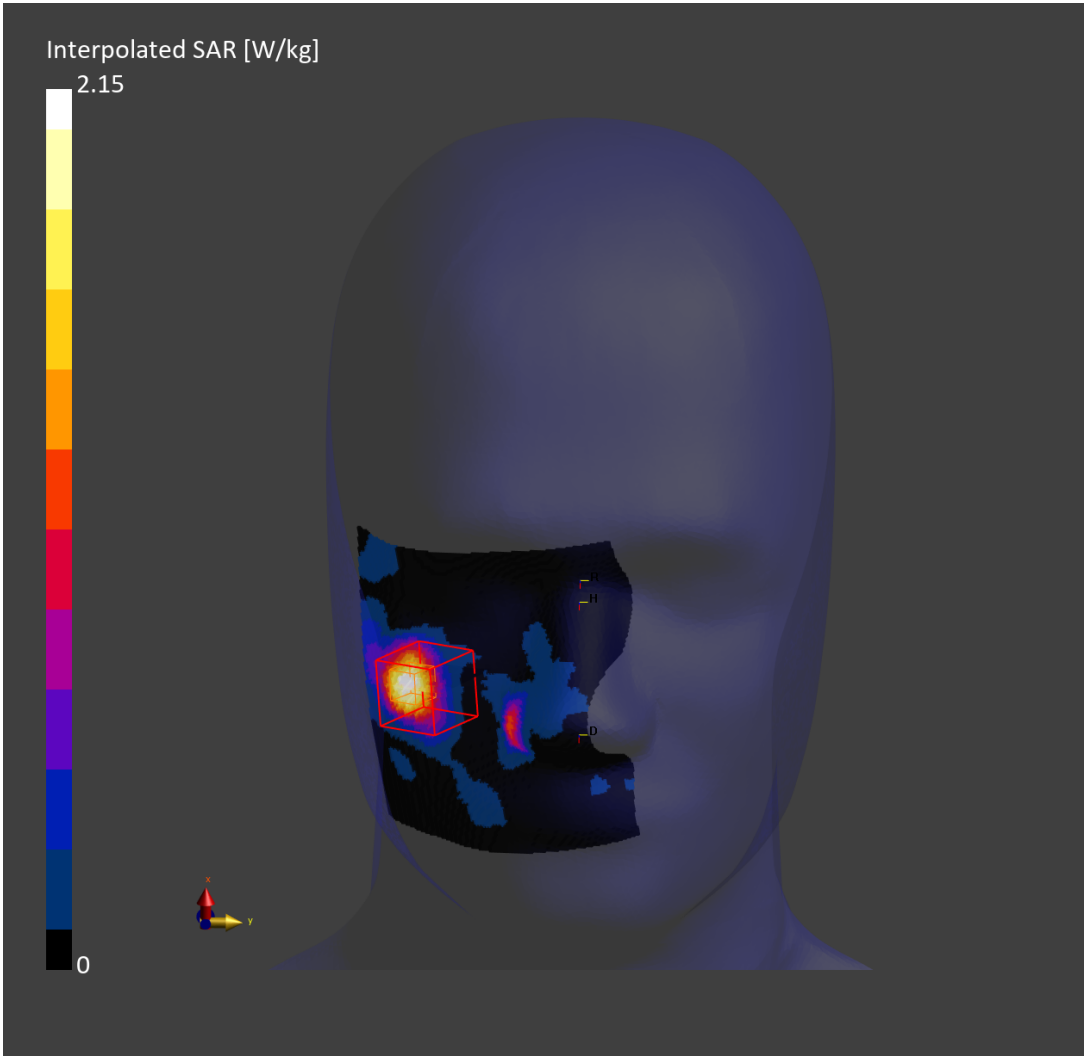
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	94.8 x 89.3	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]	1.47	0.656
psSAR10g [W/Kg]	0.439	0.218
Power Drift [dB]	0.01	0.05
M2/M1 [%]		67.1
Dist 3dB Peak [mm]		7.3

SAR Pattern



Device Under Test Properties

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

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	U-NII-5	WLAN, 10755-AAC	6025.000, 15	5.57	35.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1022	HSL-6G, 2024-Apr-20	EX3DV4 - SN7785, 2023-11-23	DAE4 Sn1707, 2023-12-06

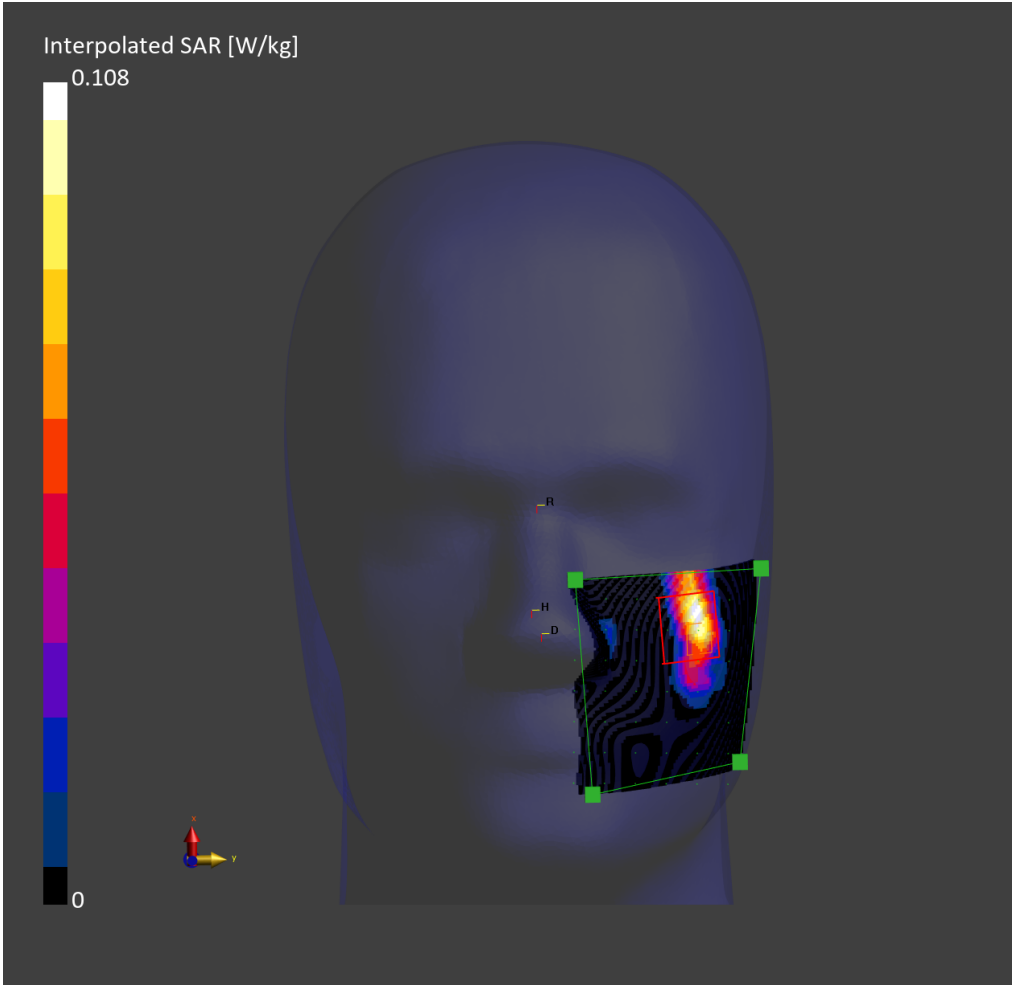
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	80.0 x 69.8	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

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2024-04-20	2024-04-20
psSAR1g [W/Kg]	0.029	0.027
psSAR10g [W/Kg]	0.007	0.010
Power Drift [dB]	0.01	0.02
M2/M1 [%]		65.1
Dist 3dB Peak [mm]		8.3
psAPD (1.0cm2, sq) [W/m2]		0.275
psAPD (4.0cm2, sq) [W/m2]		0.219

SAR Pattern



Device Under Test Properties

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

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, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2441.000, 39	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

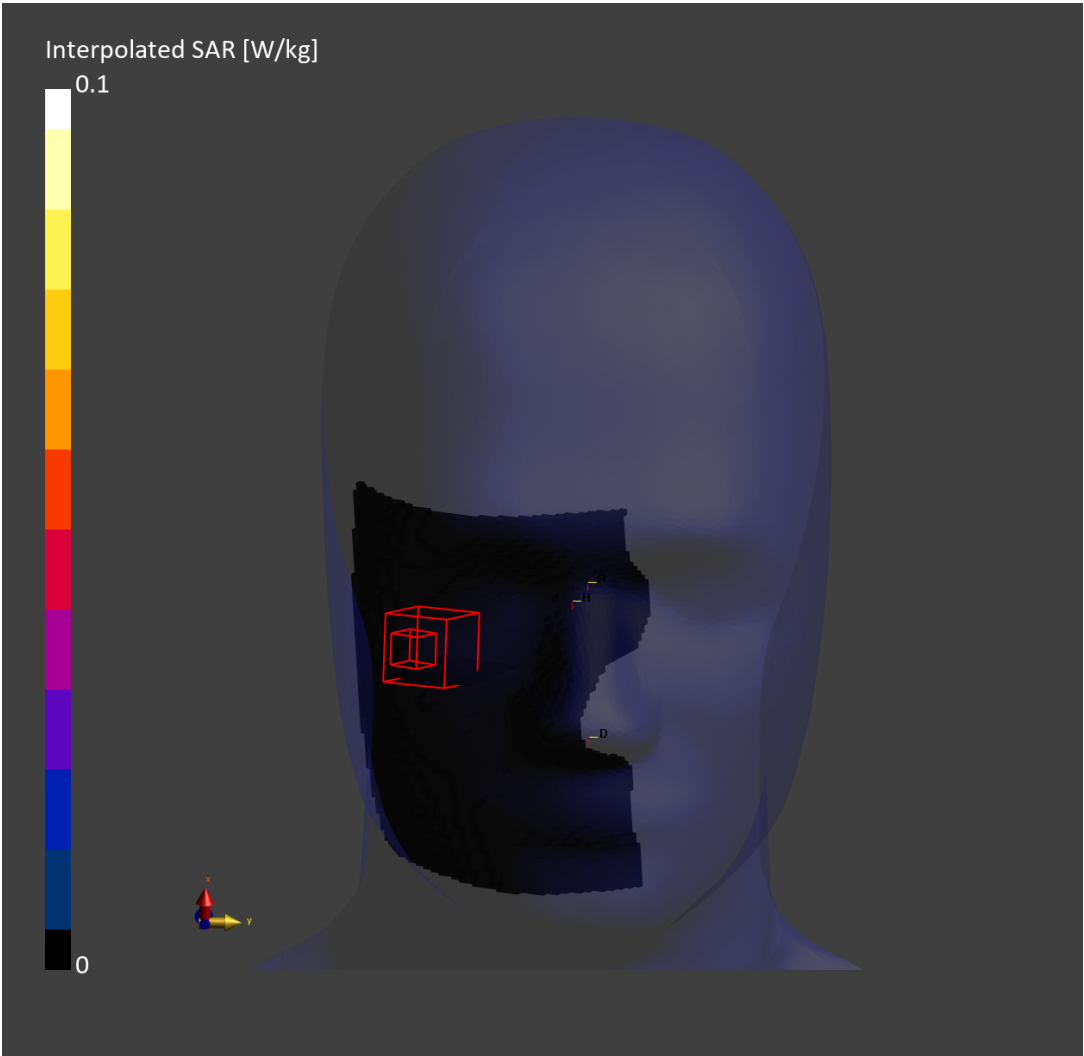
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	123.3 x 94.9	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]	0	0.004
psSAR10g [W/Kg]	0	0
Power Drift [dB]	-0.08	0.02
M2/M1 [%]		78.1
Dist 3dB Peak [mm]		5.8

SAR Pattern



Device Under Test Properties

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

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, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2440.000, 38	1.82	39.4

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]	131.7 x 121.5	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]	0	0
psSAR10g [W/Kg]	0	0
Power Drift [dB]	0.02	0.01
M2/M1 [%]		N/A
Dist 3dB Peak [mm]		> 15.0

SAR Pattern

