

Measurement Report for Device, Right Touch, GSM 850, UID 10024 DAC, Channel 251 (848.8MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	GSM 850	GSM, 10024-DAC	848.8, 251	10.54	0.924	43.1

Hardware Setup

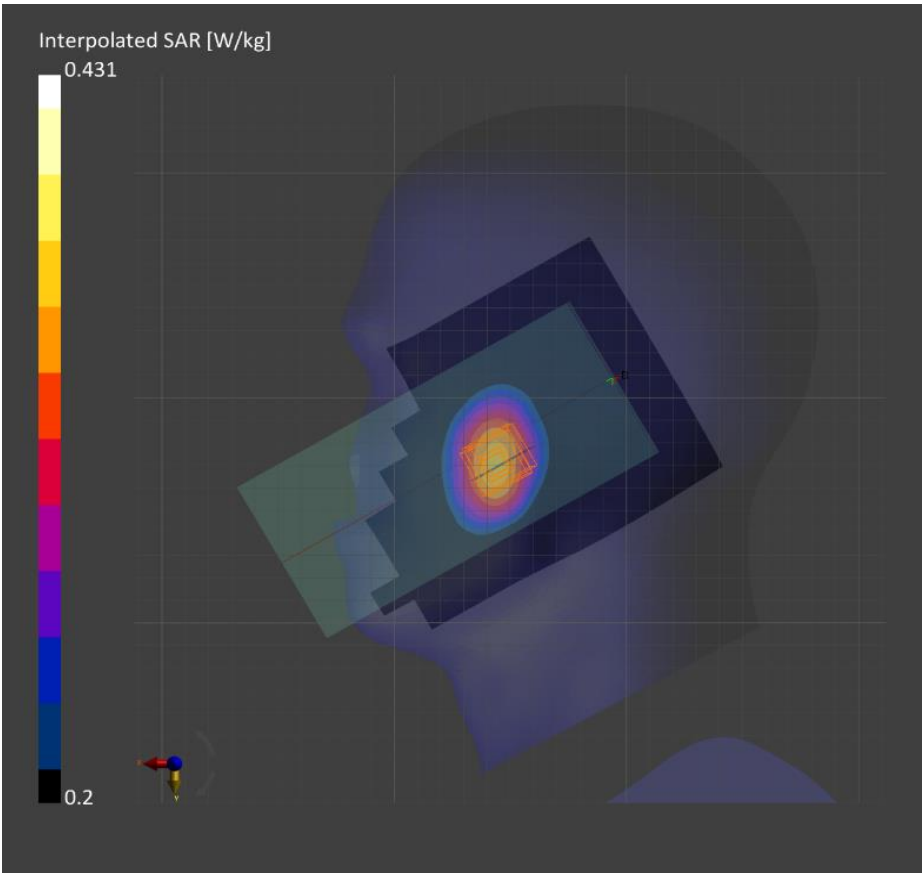
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-May-30	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-31	2022-05-31
psSAR1g [W/kg]	0.324	0.340
psSAR10g [W/kg]	0.223	0.263
Power Drift [dB]		0.16



Measurement Report for Device, Rear, GSM 850, UID 10024 DAC, Channel 251 (848.8MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	GSM 850	GSM, 10024-DAC	848.8, 251	10.54	0.924	43.1

Hardware Setup

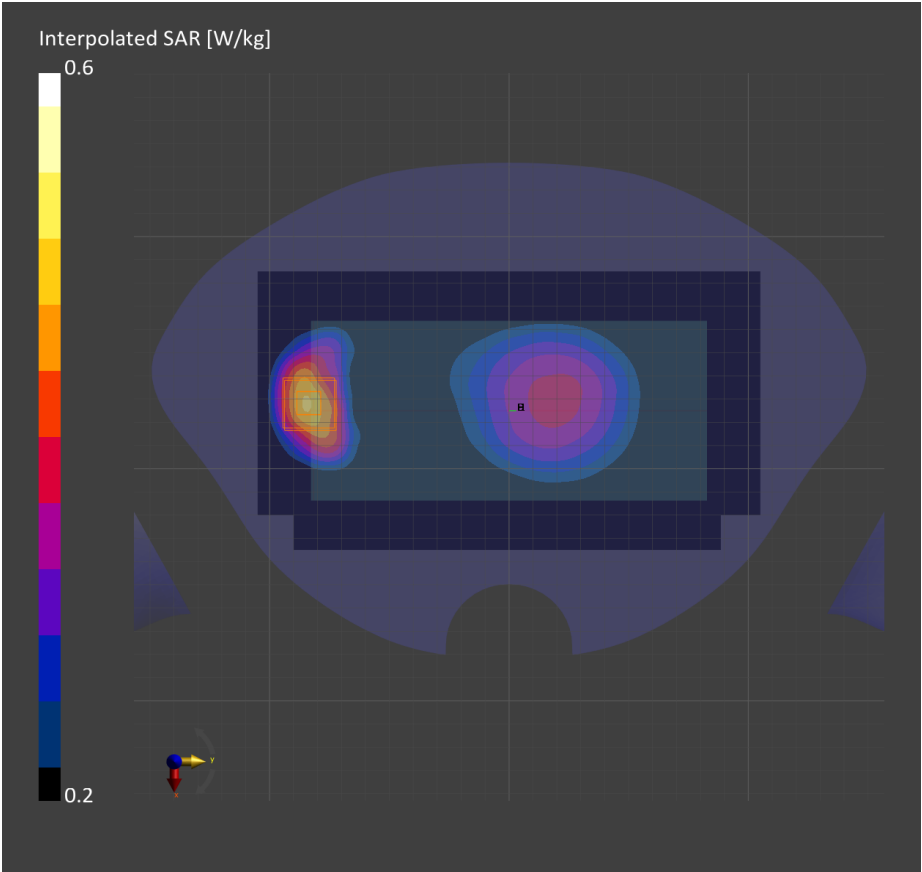
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-May-30	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-31	2022-05-31
psSAR1g [W/kg]	0.438	0.480
psSAR10g [W/kg]	0.289	0.283
Power Drift [dB]		-0.01



Measurement Report for Device, Rear, GSM 850, UID 10024 DAC, Channel 190 (836.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	GSM 850	GSM, 10024-DAC	836.6, 190	10.54	0.920	43.1

Hardware Setup

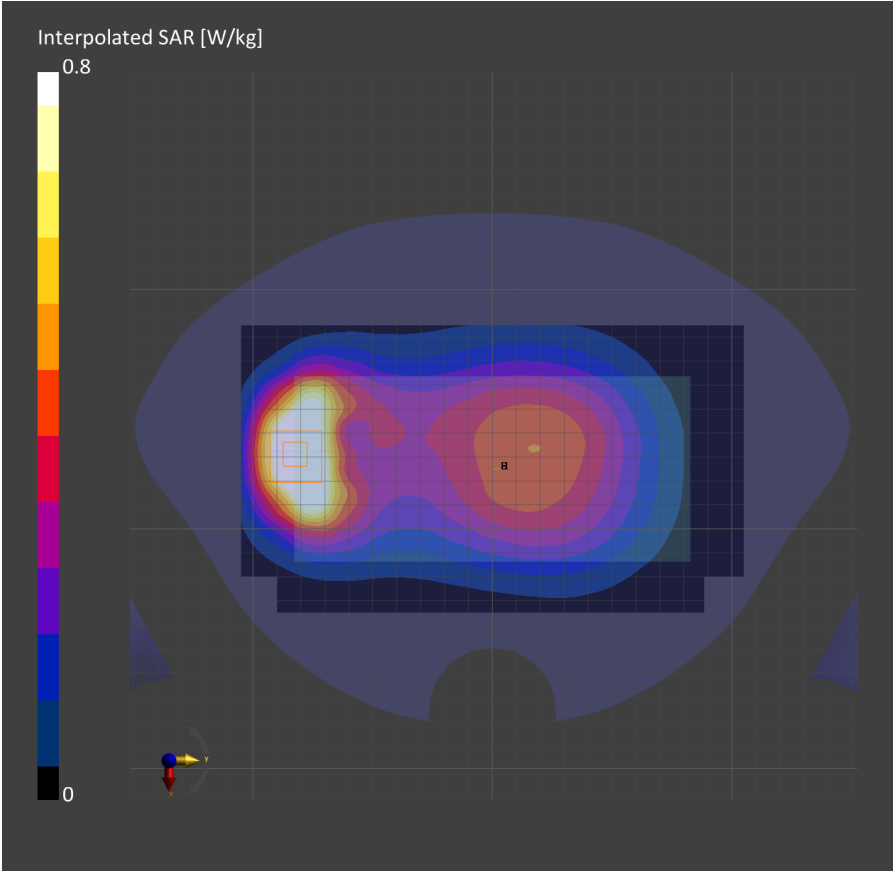
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-May-30	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-31	2022-05-31
psSAR1g [W/kg]	0.842	0.953
psSAR10g [W/kg]	0.555	0.529
Power Drift [dB]		-0.08



Measurement Report for Device, Right Touch, GSM 1900, UID 10027 DAC, Channel 661 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	PCS 1900	GSM, 10027-DAC	1880.0, 661	8.12	1.39	38.8

Hardware Setup

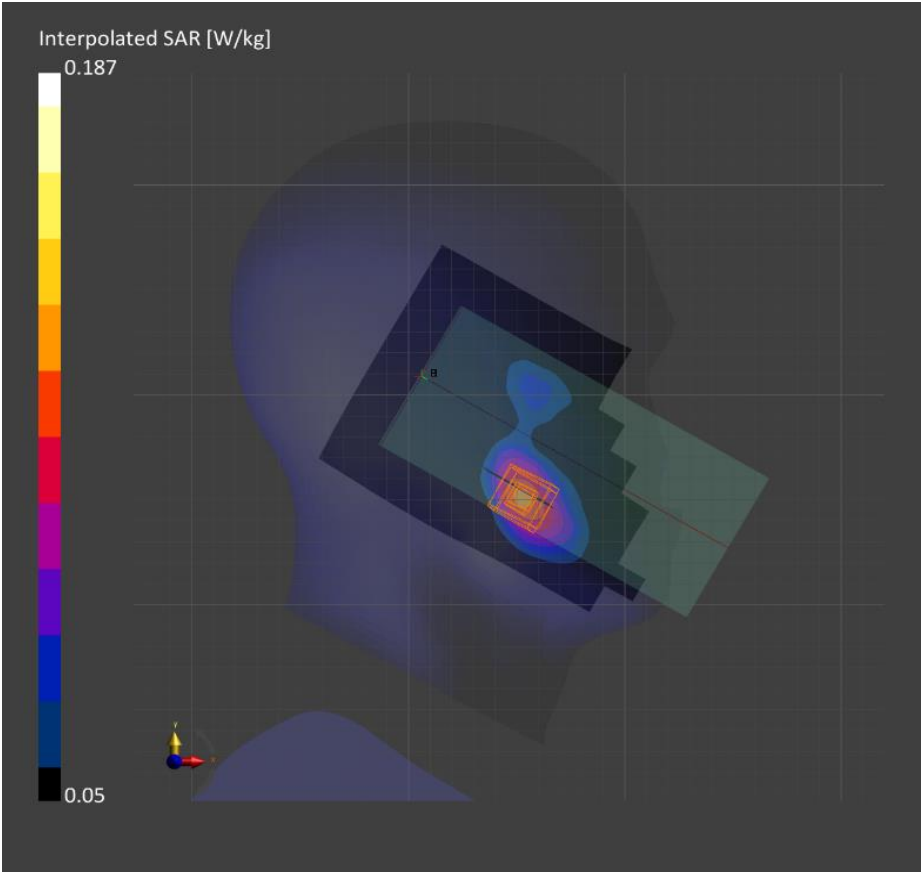
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-22	2022-06-22
psSAR1g [W/kg]	0.111	0.115
psSAR10g [W/kg]	0.065	0.073
Power Drift [dB]		0.05



Measurement Report for Device, Rear, GSM 1900, UID 10027 DAC, Channel 661 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	PCS 1900	GSM, 10027-DAC	1880.0, 661	8.12	1.39	38.8

Hardware Setup

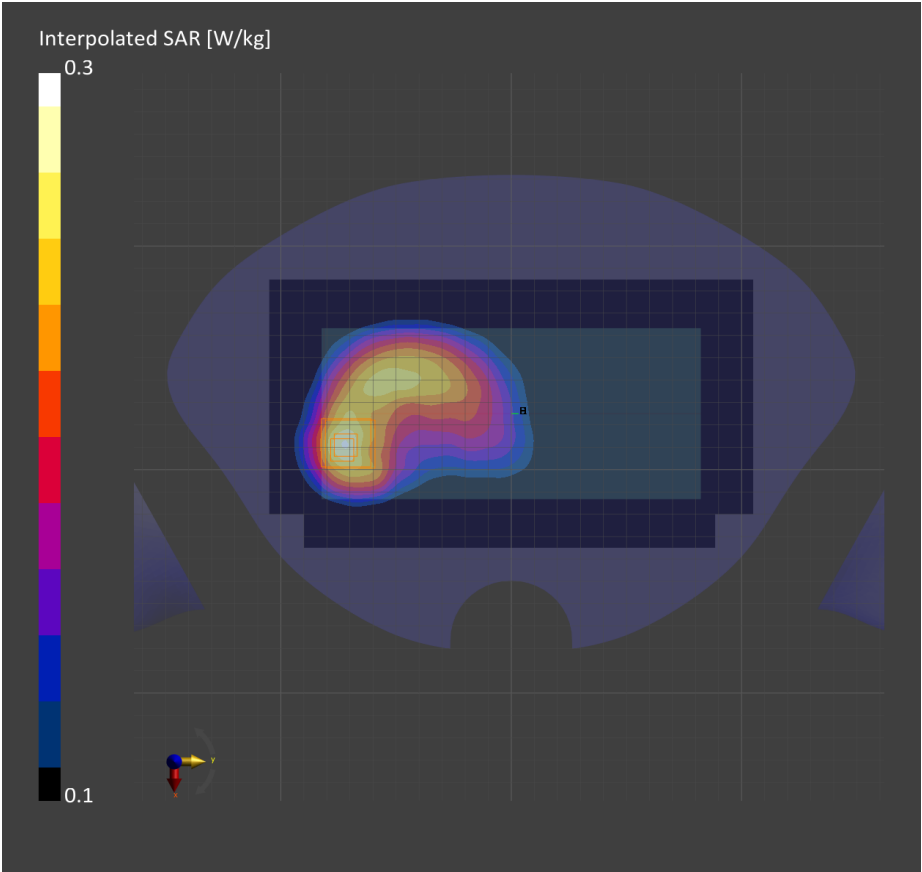
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-21	2022-06-21
psSAR1g [W/kg]	0.234	0.237
psSAR10g [W/kg]	0.142	0.143
Power Drift [dB]		-0.01



Measurement Report for Device, Front, GSM 1900, UID 10027 DAC, Channel 661 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	PCS 1900	GSM, 10027-DAC	1880.0, 661	8.12	1.39	38.8

Hardware Setup

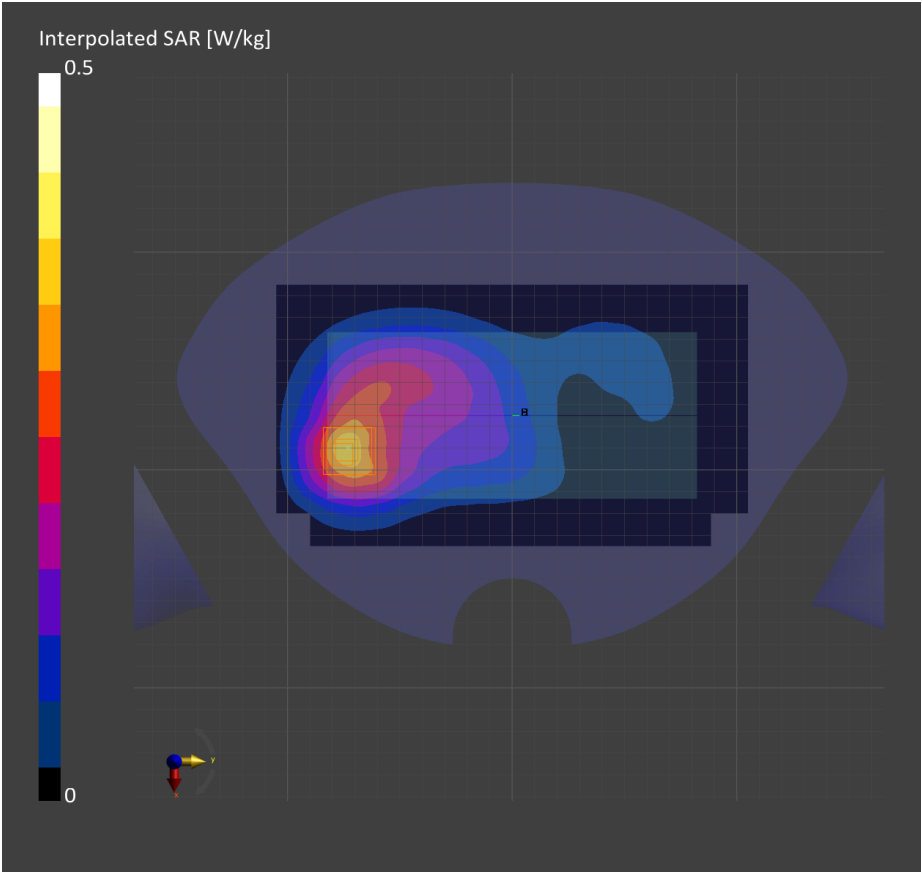
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-21	2022-06-21
psSAR1g [W/kg]	0.305	0.313
psSAR10g [W/kg]	0.179	0.180
Power Drift [dB]		0.10



Measurement Report for Device, Right Touch, WCDMA Band 2, UTRA/FDD, UID 10011 CAB, Channel 9400 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band 2, UTRA/FDD	WCDMA, 10011-CAB	1880.0, 9400	8.12	1.40	38.7

Hardware Setup

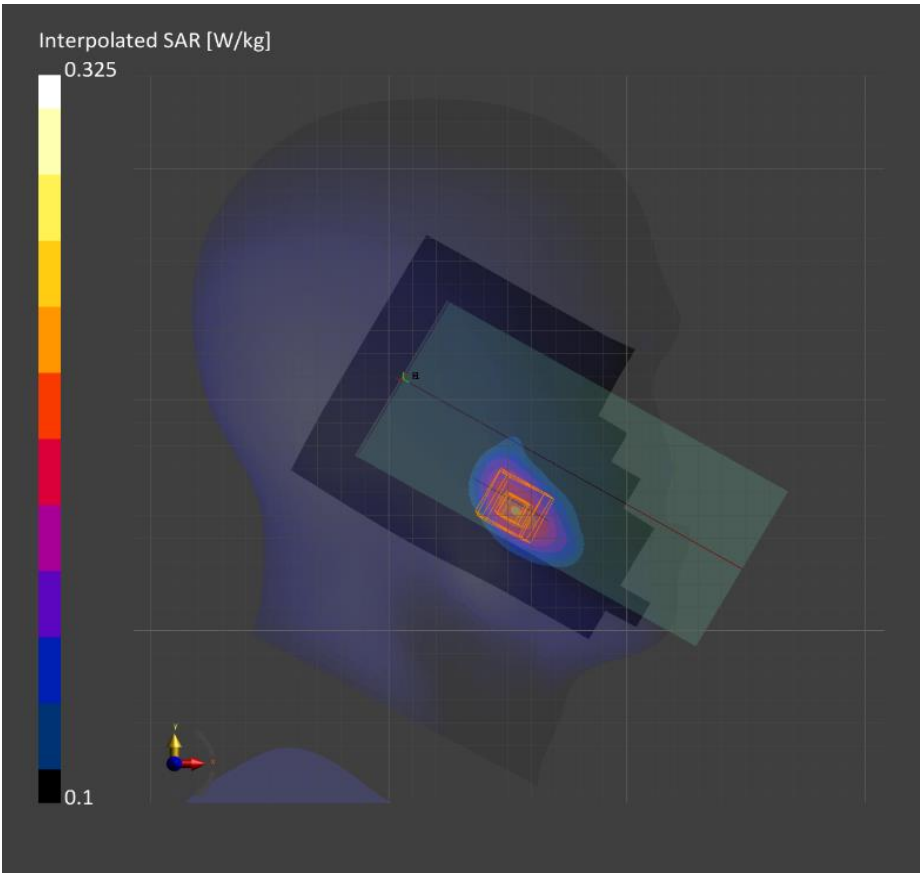
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-31	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-02	2022-06-02
psSAR1g [W/kg]	0.191	0.196
psSAR10g [W/kg]	0.112	0.122
Power Drift [dB]		0.02



Measurement Report for Device, Rear, WCDMA Band 2, UTRA/FDD, UID 10011 CAB, Channel 9400 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 2, UTRA/FDD	WCDMA, 10011-CAB	1880.0, 9400	8.12	1.40	38.7

Hardware Setup

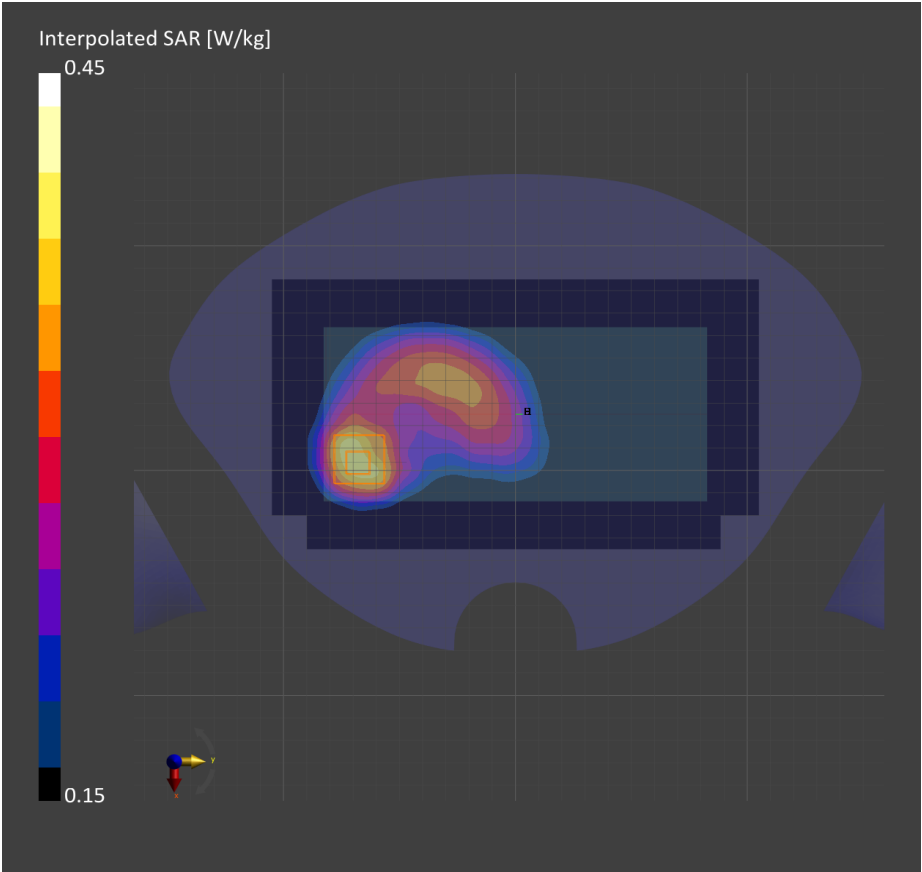
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-31	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-02	2022-06-02
psSAR1g [W/kg]	0.338	0.352
psSAR10g [W/kg]	0.205	0.206
Power Drift [dB]		-0.00



Measurement Report for Device, Rear, WCDMA Band 2, UTRA/FDD, UID 10011 CAB, Channel 9400 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 2, UTRA/FDD	WCDMA, 10011-CAB	1880.0, 9400	8.12	1.40	38.7

Hardware Setup

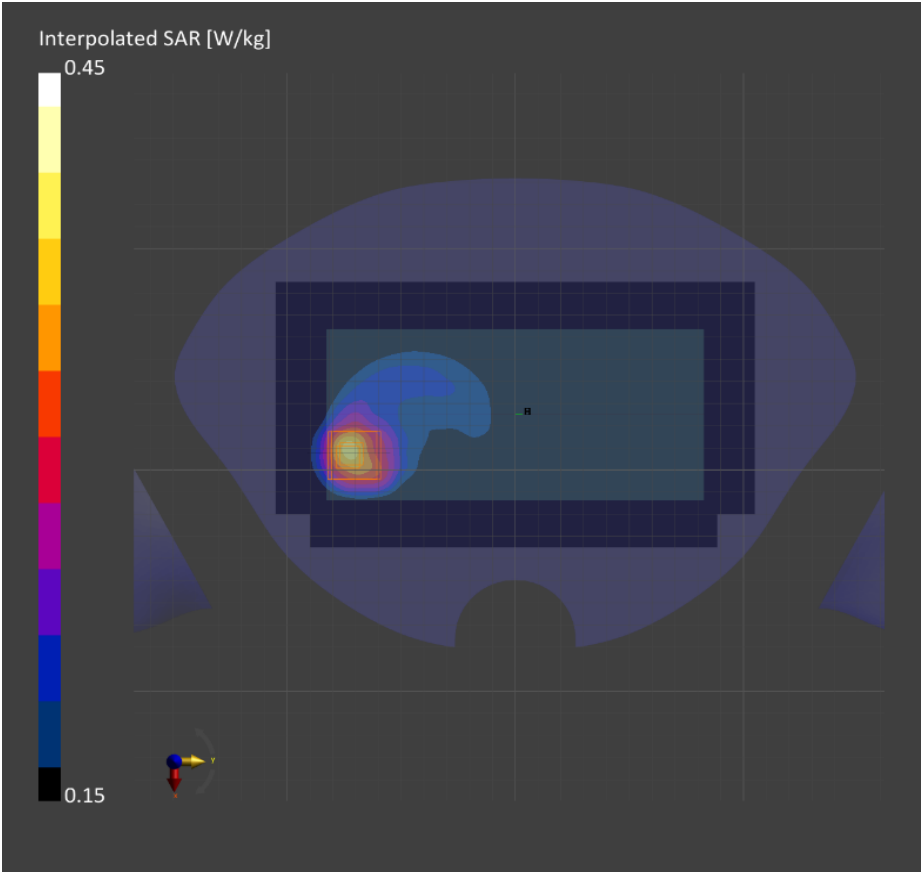
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-31	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-01	2022-06-01
psSAR1g [W/kg]	0.318	0.330
psSAR10g [W/kg]	0.185	0.185
Power Drift [dB]		-0.03



Measurement Report for Device, Right Touch, WCDMA Band 4, UTRA/FDD, UID 10011 CAB, Channel 1413 (1732.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	Band 4, UTRA/FDD	WCDMA, 10011-CAB	1732.6, 1413	8.37	1.31	39.5

Hardware Setup

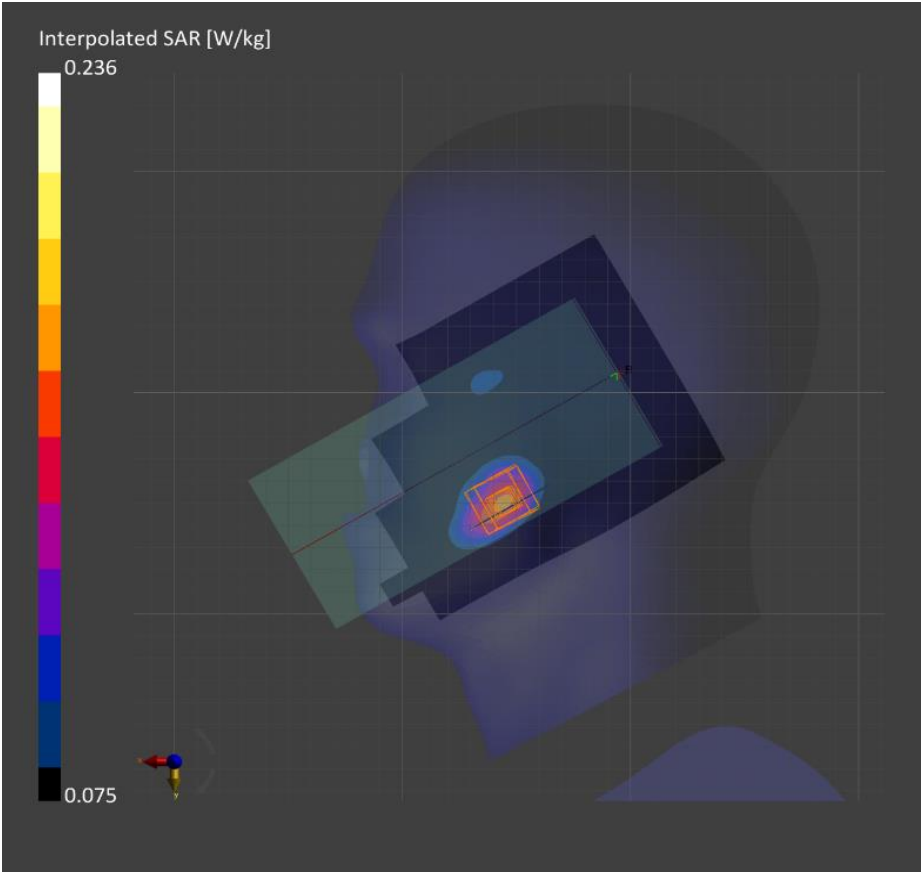
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-31	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-02	2022-06-02
psSAR1g [W/kg]	0.140	0.150
psSAR10g [W/kg]	0.083	0.094
Power Drift [dB]		0.03



Measurement Report for Device, Rear, WCDMA Band 4, UTRA/FDD, UID 10011 CAB, Channel 1413 (1732.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 4, UTRA/FDD	WCDMA, 10011-CAB	1732.6, 1413	8.37	1.31	39.5

Hardware Setup

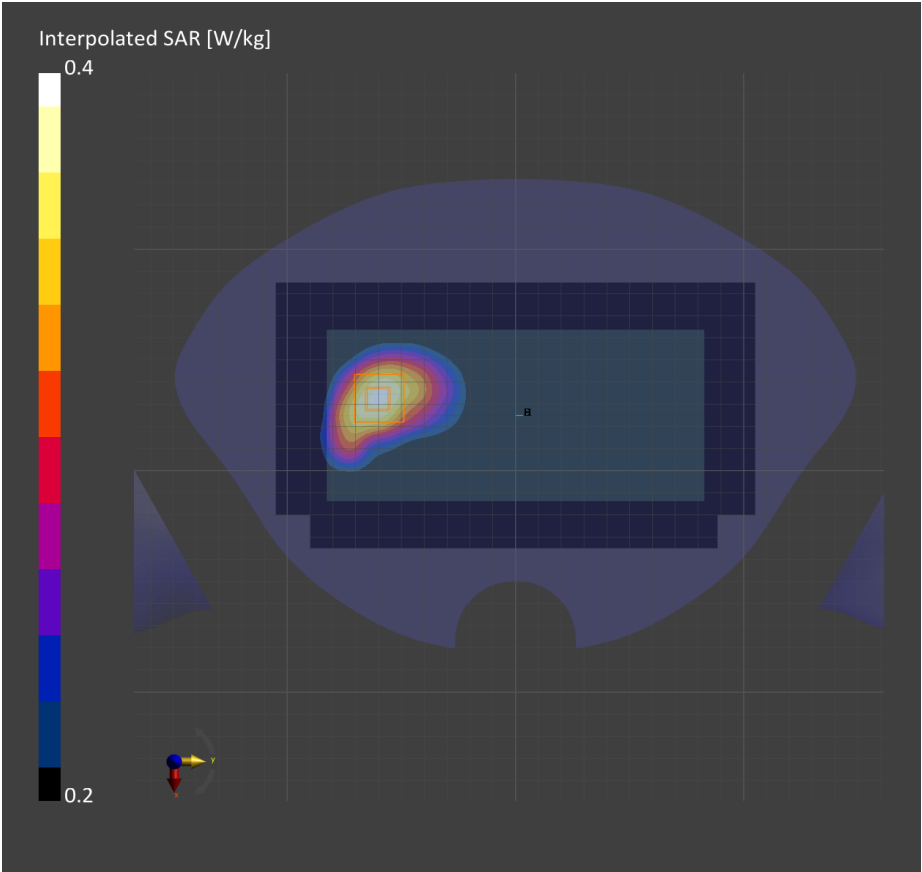
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-31	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-02	2022-06-02
psSAR1g [W/kg]	0.331	0.345
psSAR10g [W/kg]	0.208	0.222
Power Drift [dB]		-0.03



Measurement Report for Device, Rear, WCDMA Band 4, UTRA/FDD, UID 10011 CAB, Channel 1413 (1732.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 4, UTRA/FDD	WCDMA, 10011-CAB	1732.6, 1413	8.37	1.31	39.5

Hardware Setup

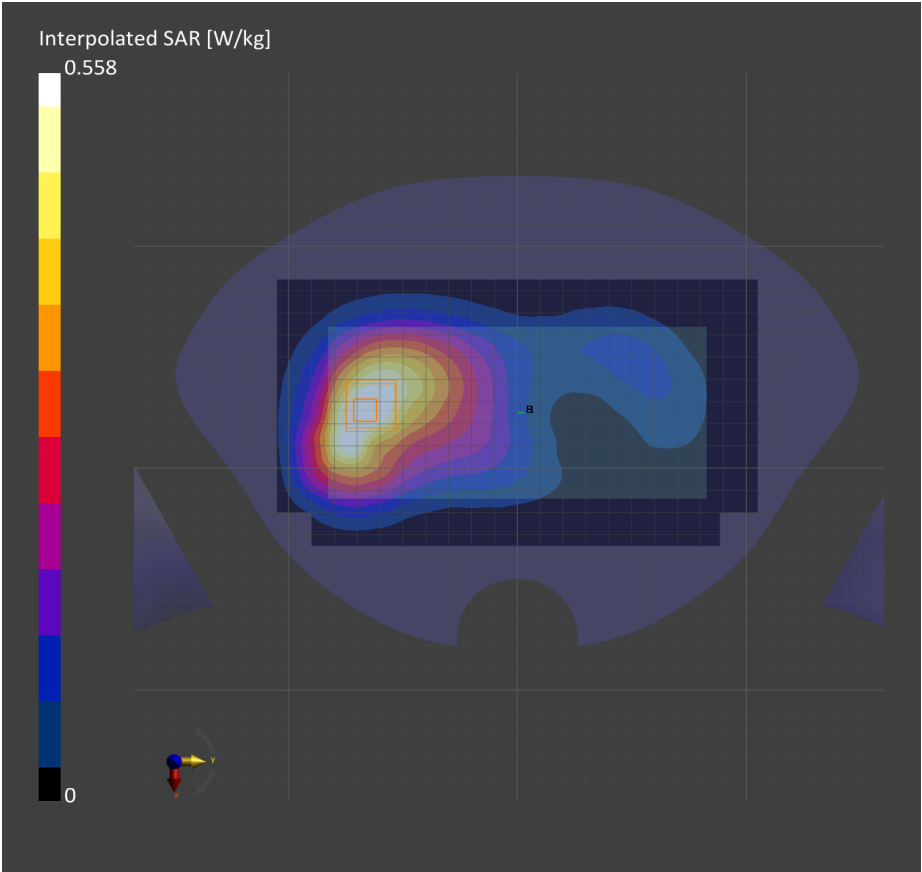
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Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-31	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-02	2022-06-02
psSAR1g [W/kg]	0.319	0.336
psSAR10g [W/kg]	0.199	0.213
Power Drift [dB]		-0.01



Measurement Report for Device, Right Touch, WCDMA Band 5, UTRA/FDD, UID 10457 AAA, Channel 4183 (836.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	Band 5, UTRA/FDD	WCDMA, 10457-AAA	836.6, 4183	10.54	0.920	43.1

Hardware Setup

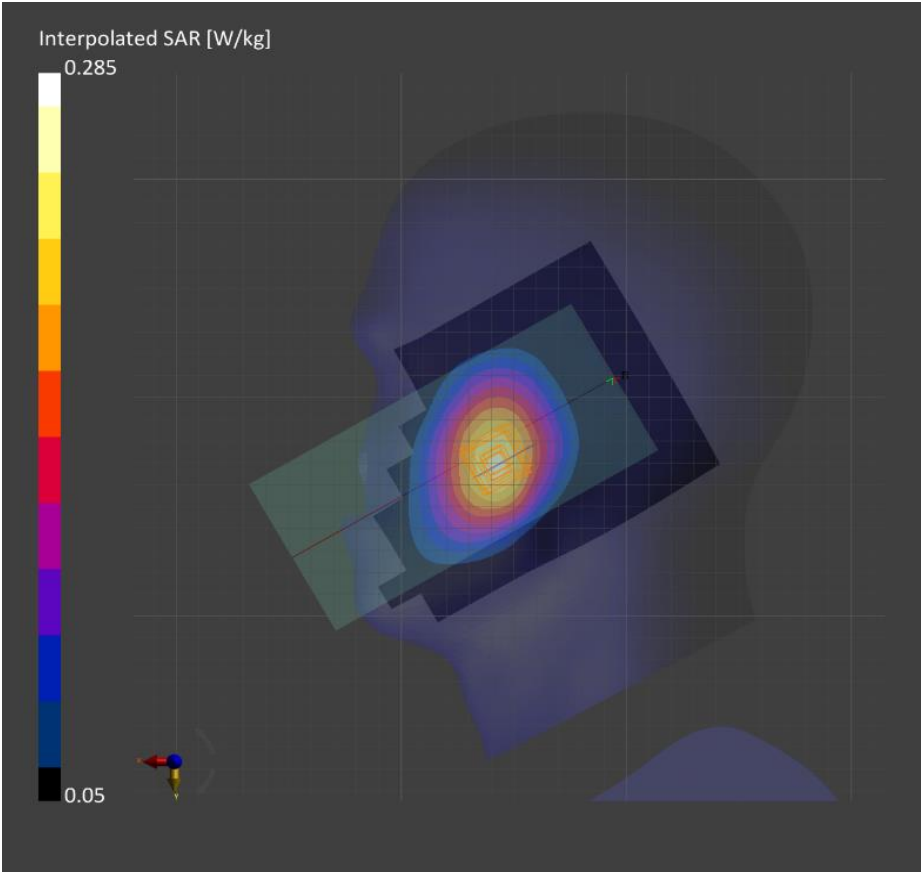
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-May-30	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-01	2022-06-01
psSAR1g [W/kg]	0.220	0.226
psSAR10g [W/kg]	0.150	0.174
Power Drift [dB]		-0.09



Measurement Report for Device, Rear, WCDMA Band 5, UTRA/FDD, UID 10457 AAA, Channel 4183 (836.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 5, UTRA/FDD	WCDMA, 10457-AAA	836.6, 4183	10.54	0.920	43.1

Hardware Setup

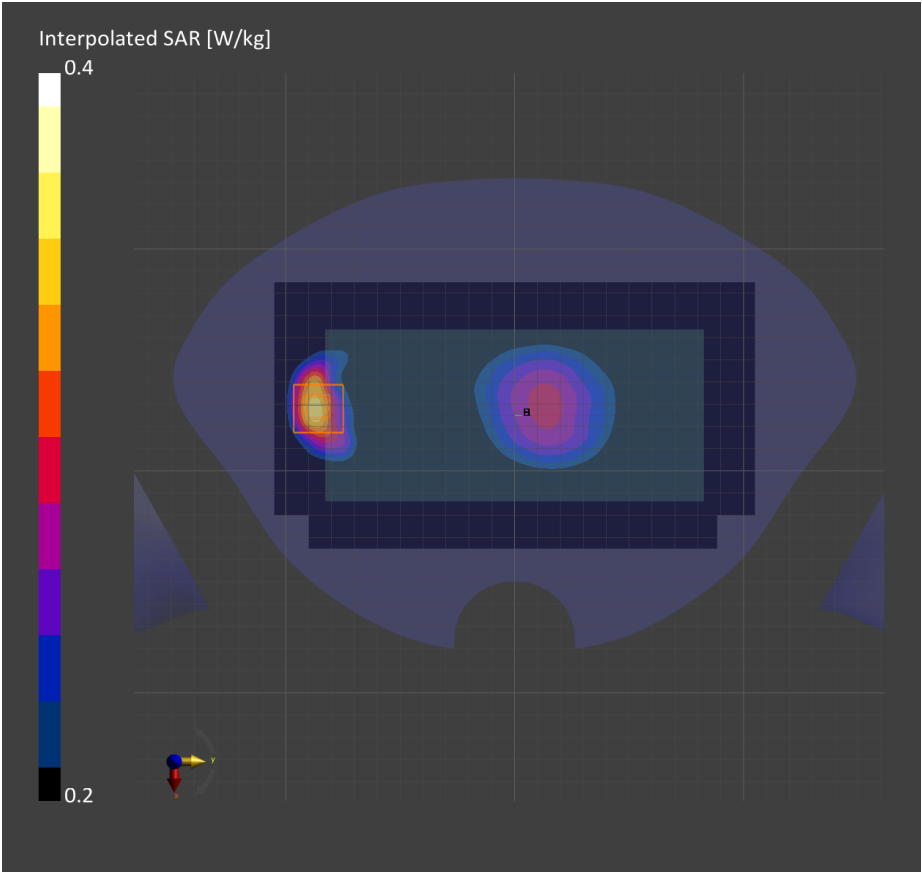
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-May-30	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-01	2022-06-01
psSAR1g [W/kg]	0.309	0.328
psSAR10g [W/kg]	0.199	0.194
Power Drift [dB]		0.06



Measurement Report for Device, Rear, WCDMA Band 5, UTRA/FDD, UID 10457 AAA, Channel 4183 (836.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 5, UTRA/FDD	WCDMA, 10457-AAA	836.6, 4183	10.54	0.920	43.1

Hardware Setup

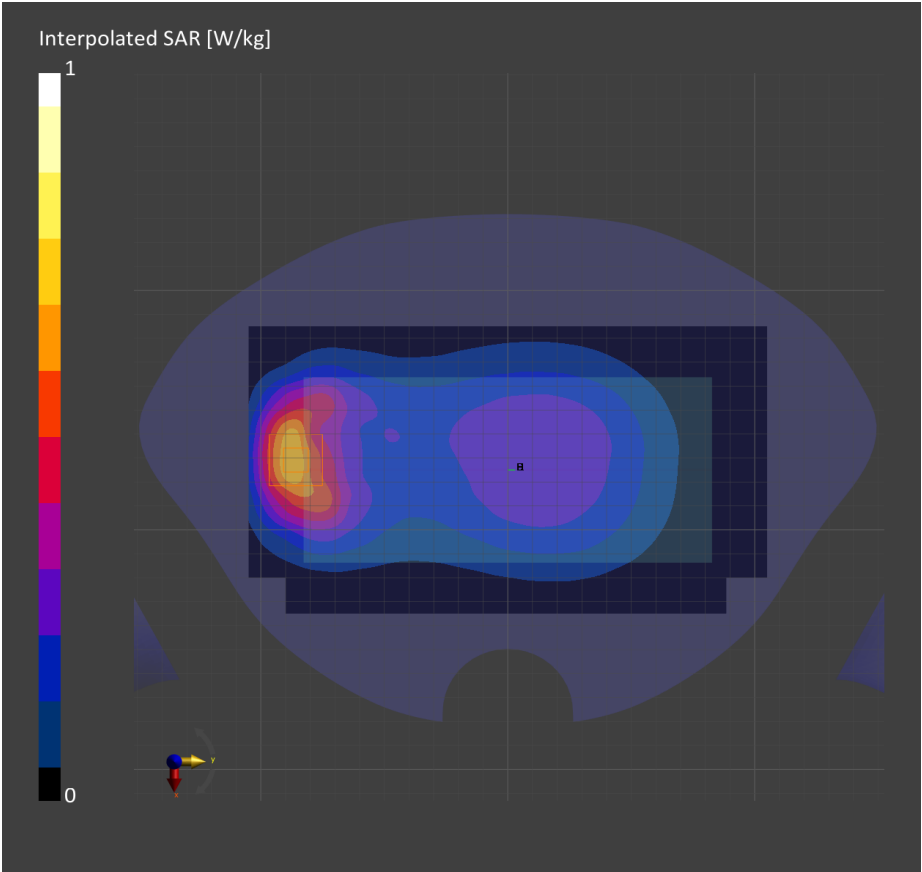
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-May-30	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-01	2022-06-01
psSAR1g [W/kg]	0.625	0.687
psSAR10g [W/kg]	0.398	0.383
Power Drift [dB]		-0.03



Measurement Report for Device, Left touch, LTE Band 2, E-UTRA/FDD, UID 10169 CAE, Channel 19100 (1900.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band 2, E-UTRA/FDD	LTE-FDD, 10169-CAE	1900.0, 19100	8.98	1.45	40.3

Hardware Setup

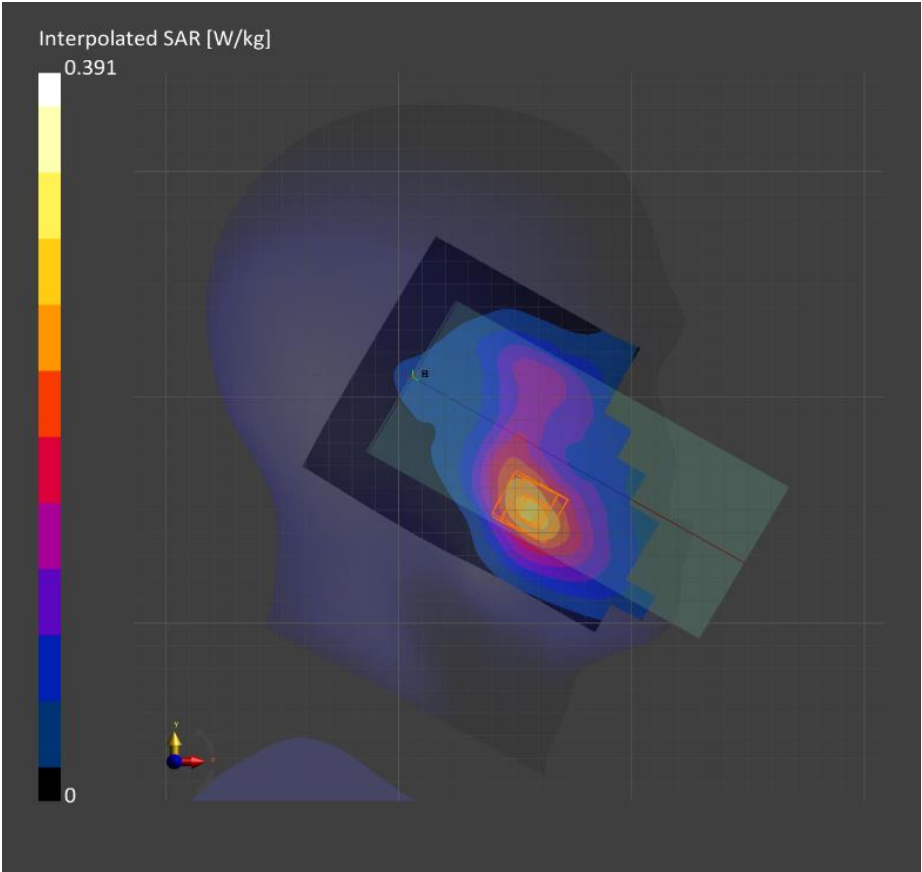
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-27	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-27	2022-06-27
psSAR1g [W/kg]	0.227	0.243
psSAR10g [W/kg]	0.134	0.152
Power Drift [dB]		0.06



Measurement Report for Device, Rear, LTE Band 2, E-UTRA/FDD, UID 10169 CAE, Channel 19100 (1900.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 2, E-UTRA/FDD	LTE-FDD, 10169-CAE	1900.0, 19100	8.98	1.44	40.0

Hardware Setup

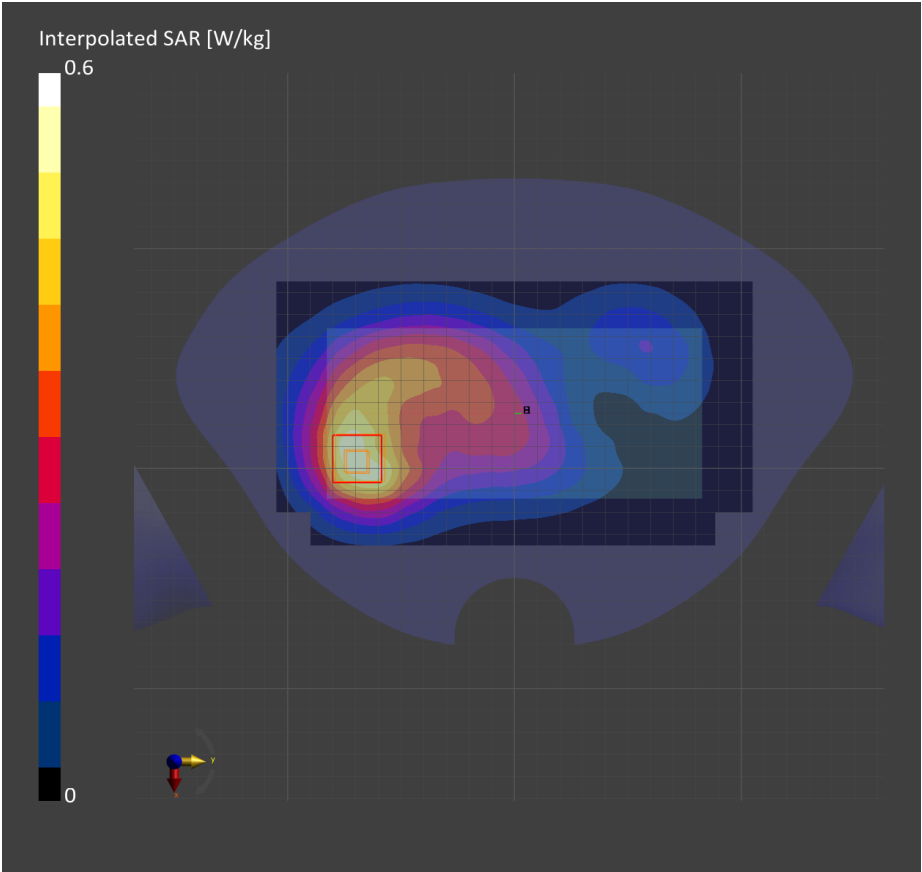
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-27	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-27	2022-06-27
psSAR1g [W/kg]	0.456	0.472
psSAR10g [W/kg]	0.278	0.282
Power Drift [dB]		-0.11



Measurement Report for Device, Rear, LTE Band 2, E-UTRA/FDD, UID 10297 AAD, Channel 19100 (1900.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 2, E-UTRA/FDD	LTE-FDD, 10297-AAD	1900.0, 19100	8.12	1.40	38.8

Hardware Setup

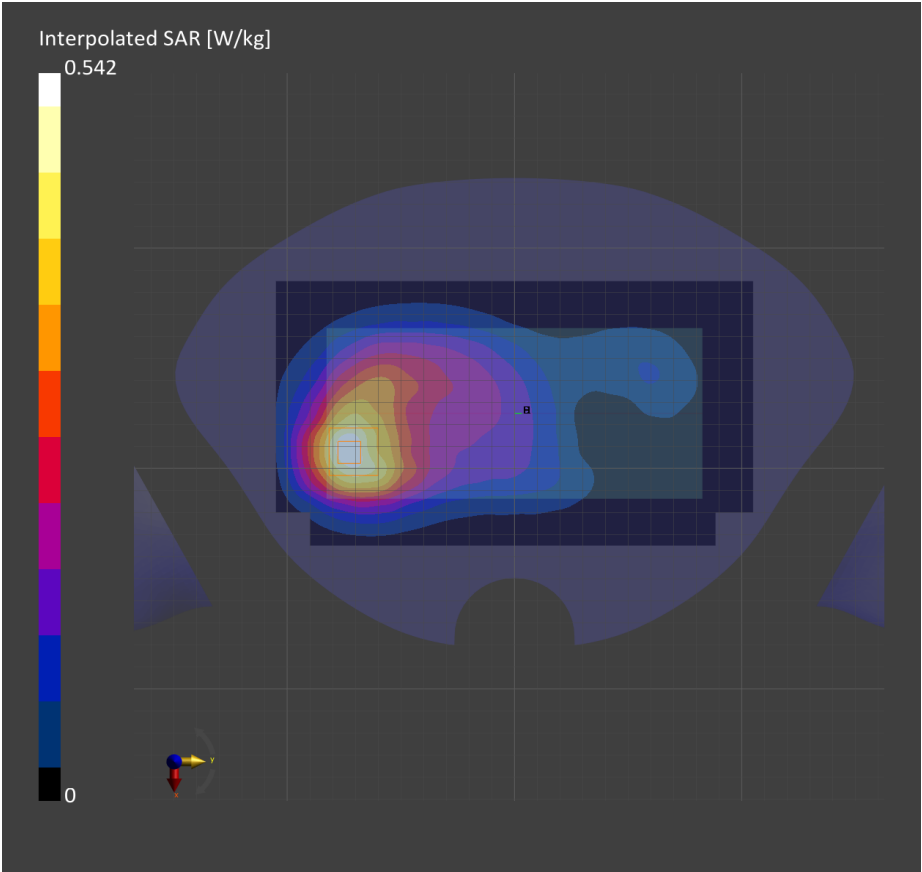
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-21	2022-06-21
psSAR1g [W/kg]	0.446	0.467
psSAR10g [W/kg]	0.264	0.271
Power Drift [dB]		0.03



Measurement Report for Device, Left Touch, LTE Band 2, E-UTRA/FDD, UID 10169 CAE, Channel 18900 (1880.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band 2, E-UTRA/FDD	LTE-FDD, 10169-CAE	1880.0, 18900	8.12	1.42	39.1

Hardware Setup

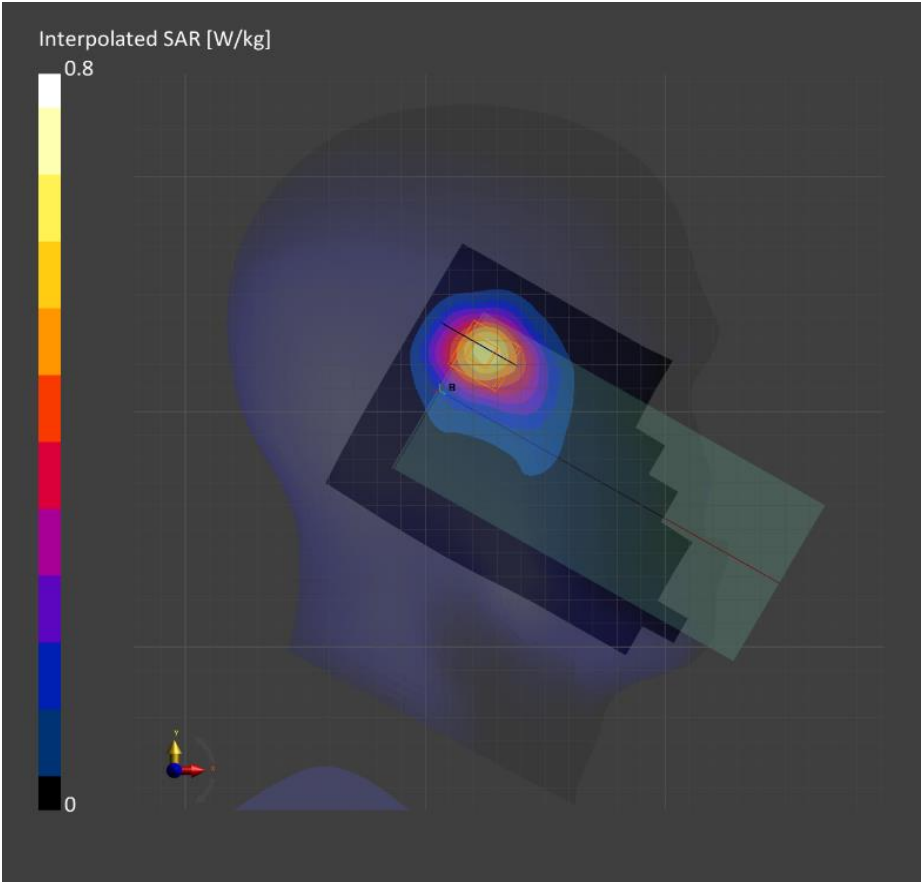
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-15	2022-06-15
psSAR1g [W/kg]	0.524	0.563
psSAR10g [W/kg]	0.297	0.302
Power Drift [dB]		-0.01



LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/22/2021
- Probe: EX3DV4 - SN7376; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 1/99 ch.18900/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.137 W/kg

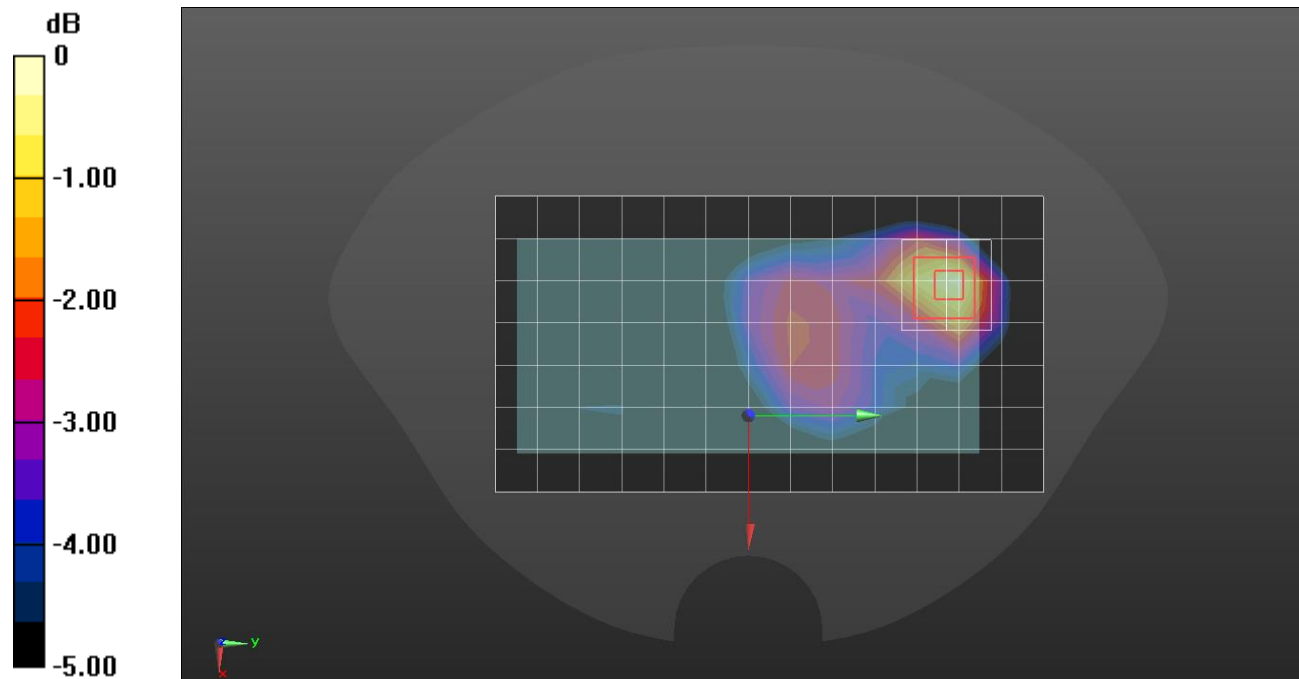
Rear/QPSK RB 1/99 ch.18900//Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.127 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/22/2021
- Probe: EX3DV4 - SN7376; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 1/99 ch.18900/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.276 W/kg

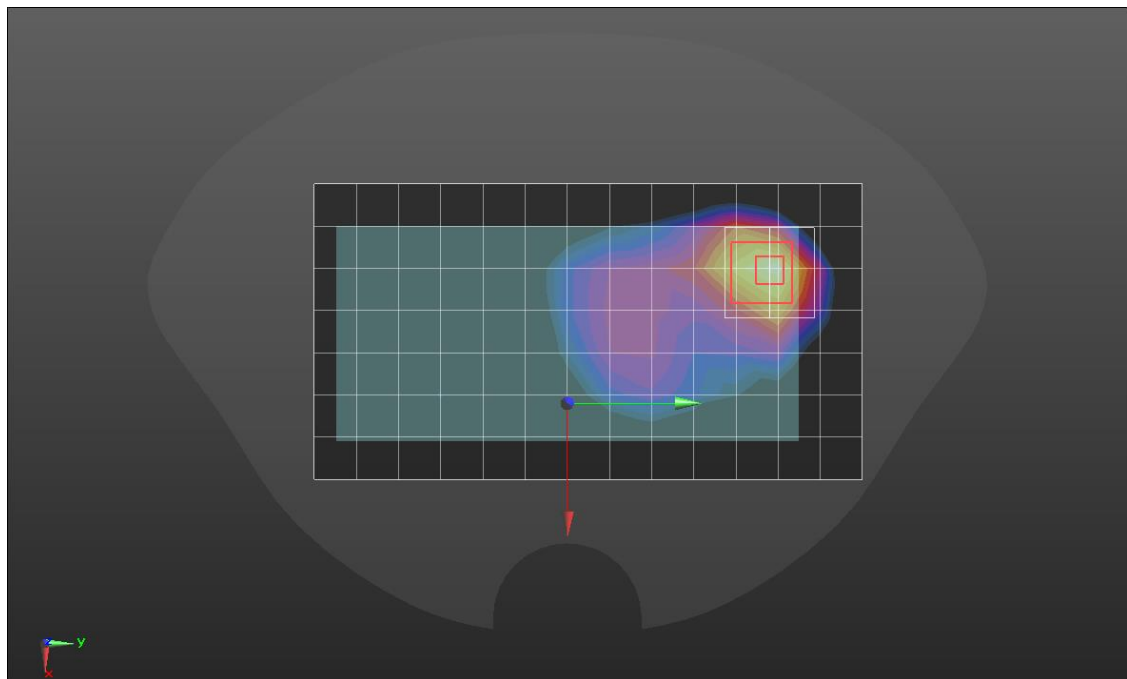
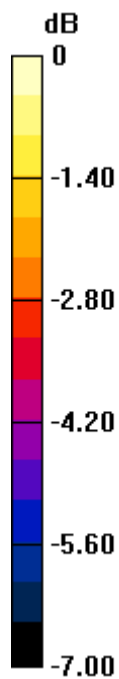
Rear/QPSK RB 1/99 ch.18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.93 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg

Measurement Report for Device, Right Touch, LTE Band 5, E-UTRA/FDD, UID 10175 CAG, Channel 20525 (836.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	9.19	0.910	41.5

Hardware Setup

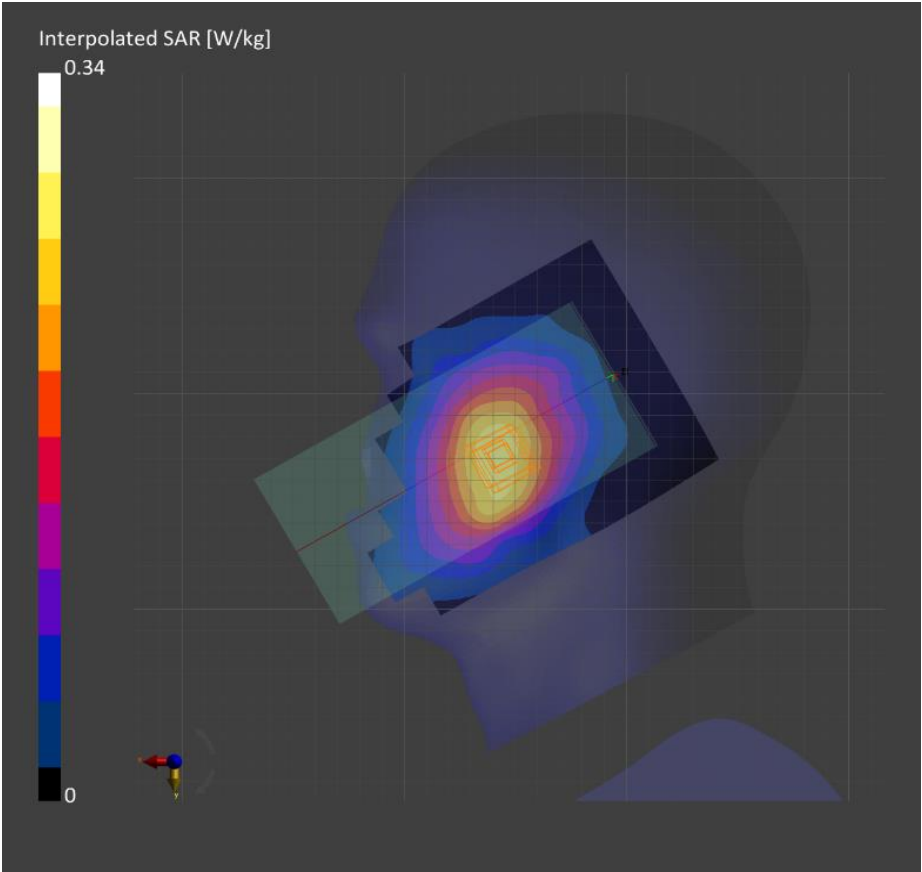
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Jun-07	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1494, 2021-07-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-08	2022-06-08
psSAR1g [W/kg]	0.246	0.263
psSAR10g [W/kg]	0.171	0.199
Power Drift [dB]		-0.06



Measurement Report for Device, Rear, LTE Band 5, E-UTRA/FDD, UID 10175 CAG, Channel 20525 (836.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	9.19	0.910	41.5

Hardware Setup

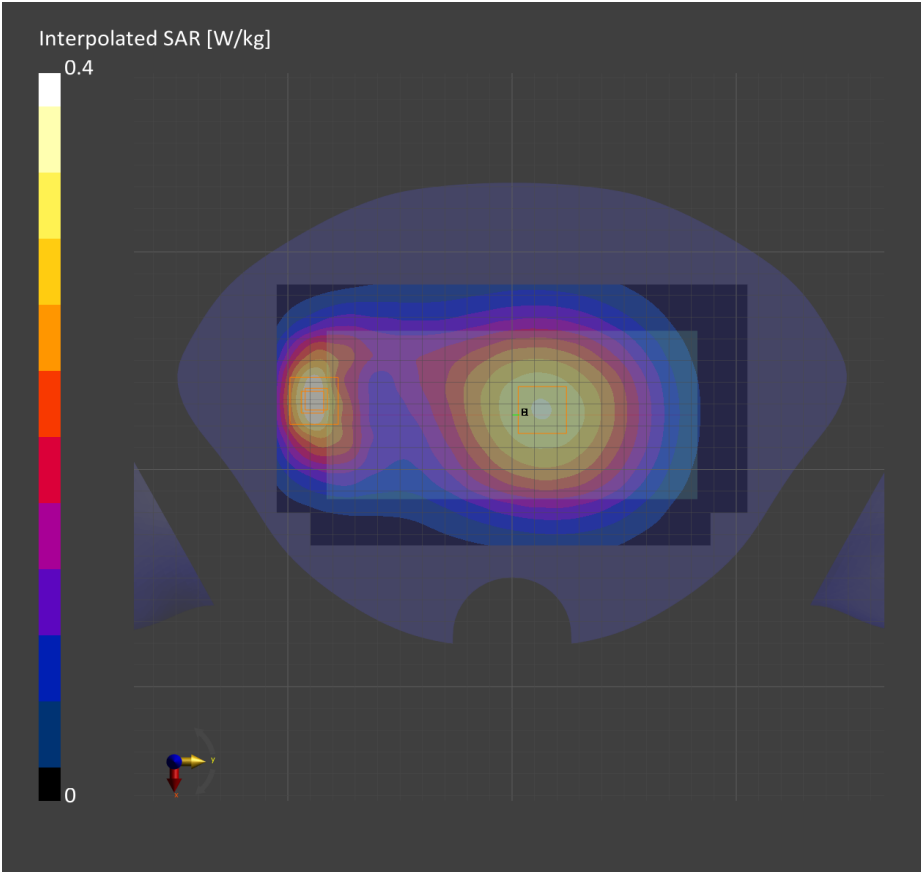
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Jun-07	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1494, 2021-07-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-07	2022-06-07
psSAR1g [W/kg]	0.312	0.312
psSAR10g [W/kg]	0.210	0.185
Power Drift [dB]		-0.05



Measurement Report for Device, Rear, LTE Band 5, E-UTRA/FDD, UID 10175 CAG, Channel 20525 (836.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	10.57	0.892	42.0

Hardware Setup

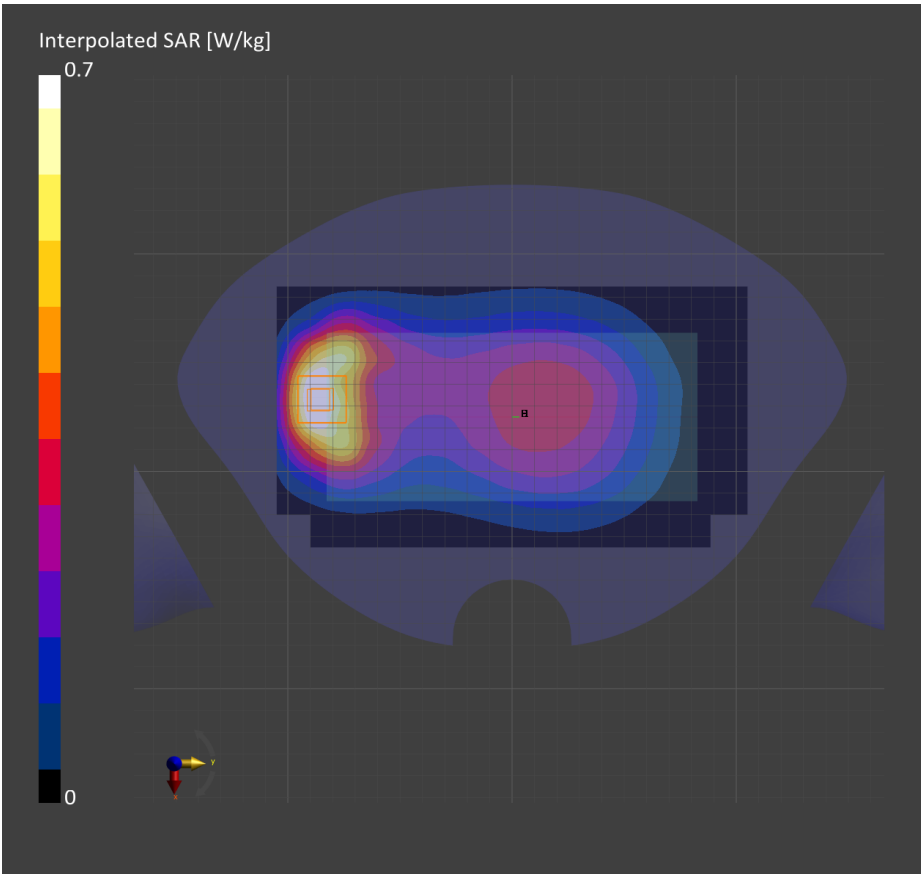
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7330, 2022-01-28	DAE4 Sn1494, 2021-07-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-21	2022-06-21
psSAR1g [W/kg]	0.637	0.707
psSAR10g [W/kg]	0.414	0.393
Power Drift [dB]		-0.00



Measurement Report for Device, Right Touch, Band 12, E-UTRA/FDD, UID 10175 CAG, Channel 23095 (707.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	Band 12, E-UTRA/FDD	LTE-FDD, 10175-CAG	707.5, 23095	9.51	0.855	42.2

Hardware Setup

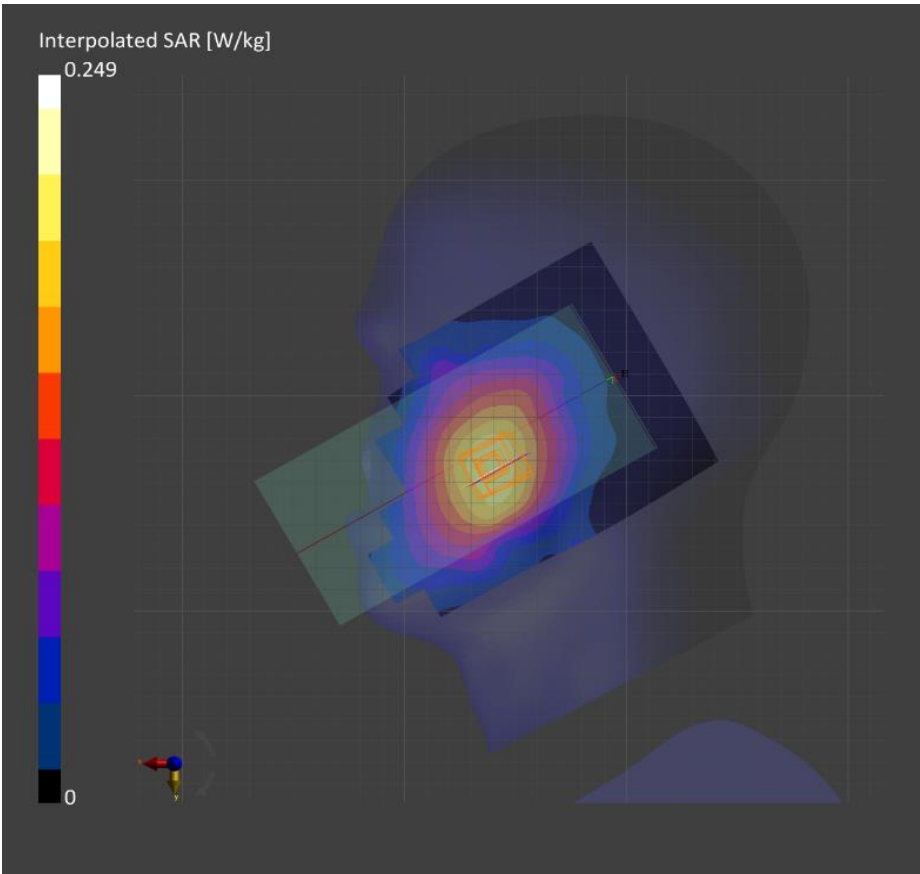
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Jun-08	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1494, 2021-07-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-09	2022-06-09
psSAR1g [W/kg]	0.182	0.202
psSAR10g [W/kg]	0.128	0.161
Power Drift [dB]		0.15



Measurement Report for Device, Rear, LTE Band 12, E-UTRA/FDD, UID 10175 CAG, Channel 23095 (707.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 12, E-UTRA/FDD	LTE-FDD, 10175-CAG	707.5, 23095	9.51	0.855	42.2

Hardware Setup

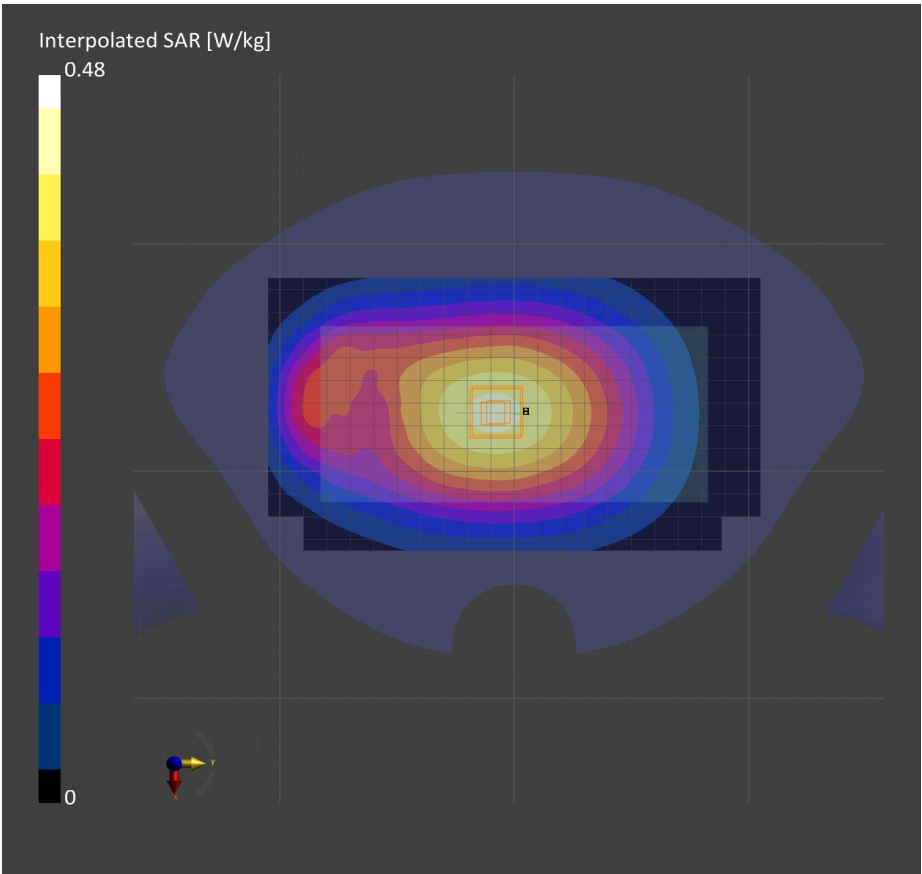
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Jun-08	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1494, 2021-07-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-08	2022-06-08
psSAR1g [W/kg]	0.366	0.383
psSAR10g [W/kg]	0.262	0.302
Power Drift [dB]		0.01



Measurement Report for Device, Rear, LTE Band 12, E-UTRA/FDD, UID 10175 CAG, Channel 23095 (707.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 12, E-UTRA/FDD	LTE-FDD, 10175-CAG	707.5, 23095	9.51	0.855	42.2

Hardware Setup

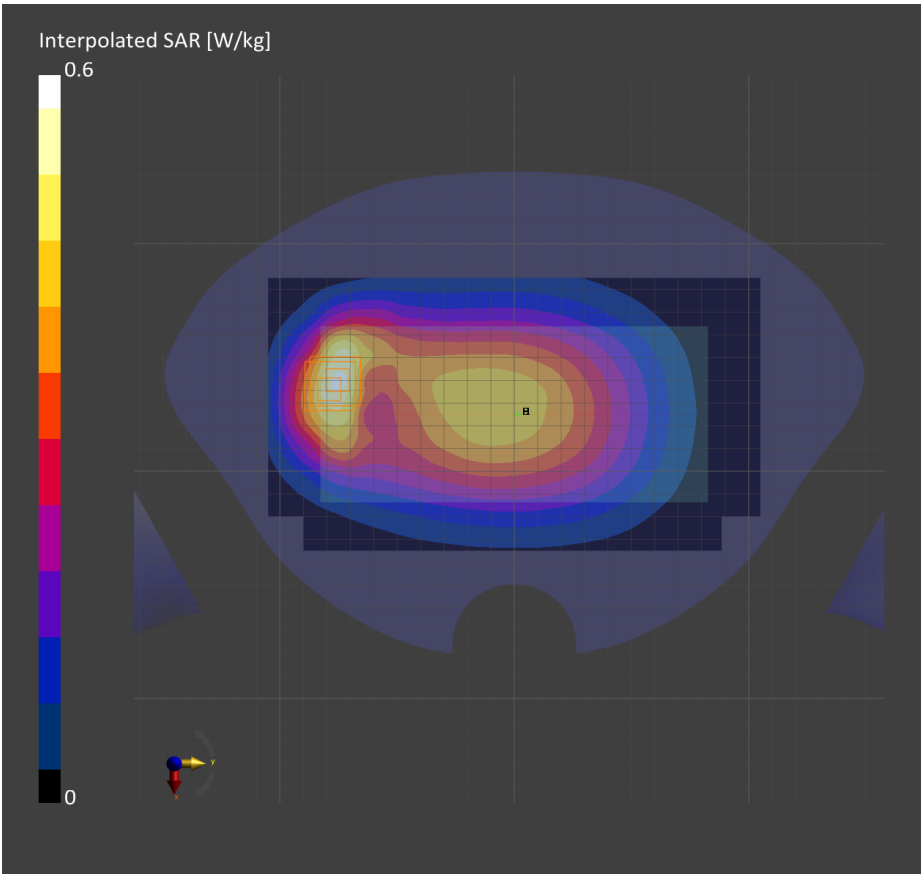
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Jun-08	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1494, 2021-07-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-08	2022-06-08
psSAR1g [W/kg]	0.484	0.504
psSAR10g [W/kg]	0.317	0.290
Power Drift [dB]		-0.01



Measurement Report for Device, Right Touch, LTE Band 26 E-UTRA/FDD, UID 10181 CAE, Channel 26865 (831.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	Band 26 E-UTRA/FDD	LTE-FDD, 10181-CAE	831.5, 26865	10.54	0.924	40.8

Hardware Setup

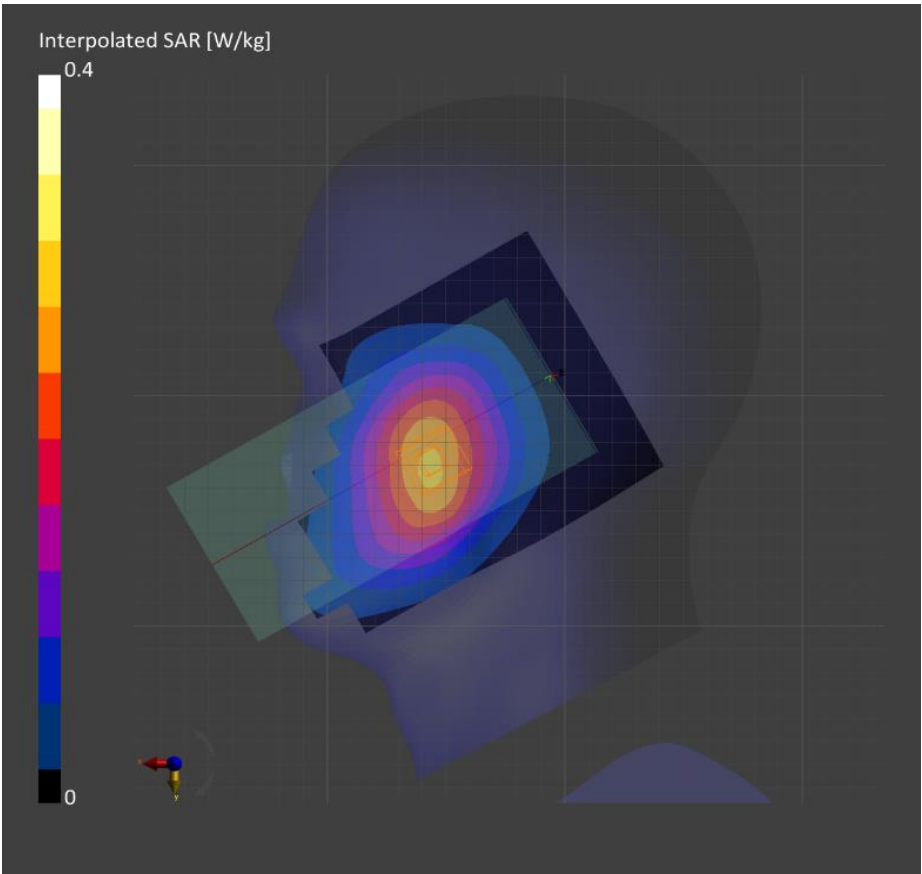
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-02	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-03	2022-06-03
psSAR1g [W/kg]	0.241	0.257
psSAR10g [W/kg]	0.166	0.201
Power Drift [dB]		0.03



Measurement Report for Device, Rear, LTE Band 26 E-UTRA/FDD, UID 10181 CAE, Channel 26865 (831.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 26 E-UTRA/FDD	LTE-FDD, 10181-CAE	831.5, 26865	9.7	0.929	40.3

Hardware Setup

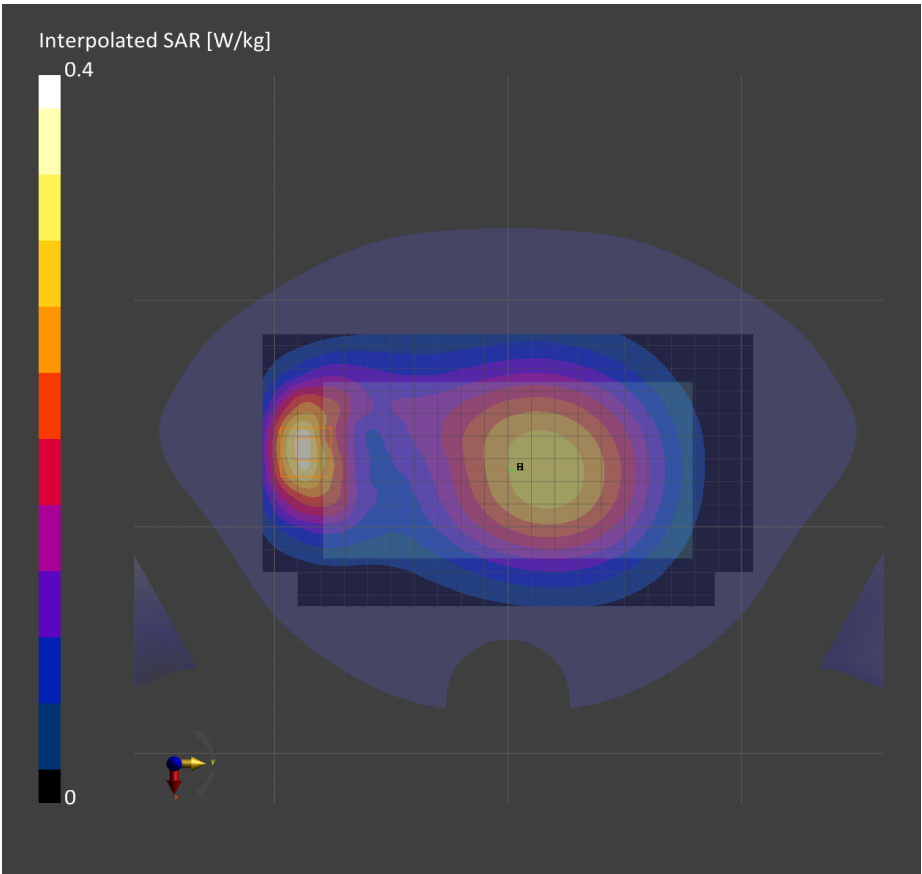
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-24	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-25	2022-05-25
psSAR1g [W/kg]	0.300	0.312
psSAR10g [W/kg]	0.193	0.182
Power Drift [dB]		-0.00



Measurement Report for Device, Rear, LTE Band 26 E-UTRA/FDD, UID 10181 CAE, Channel 26865 (831.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 26 E-UTRA/FDD	LTE-FDD, 10181-CAE	831.5, 26865	9.7	0.929	40.3

Hardware Setup

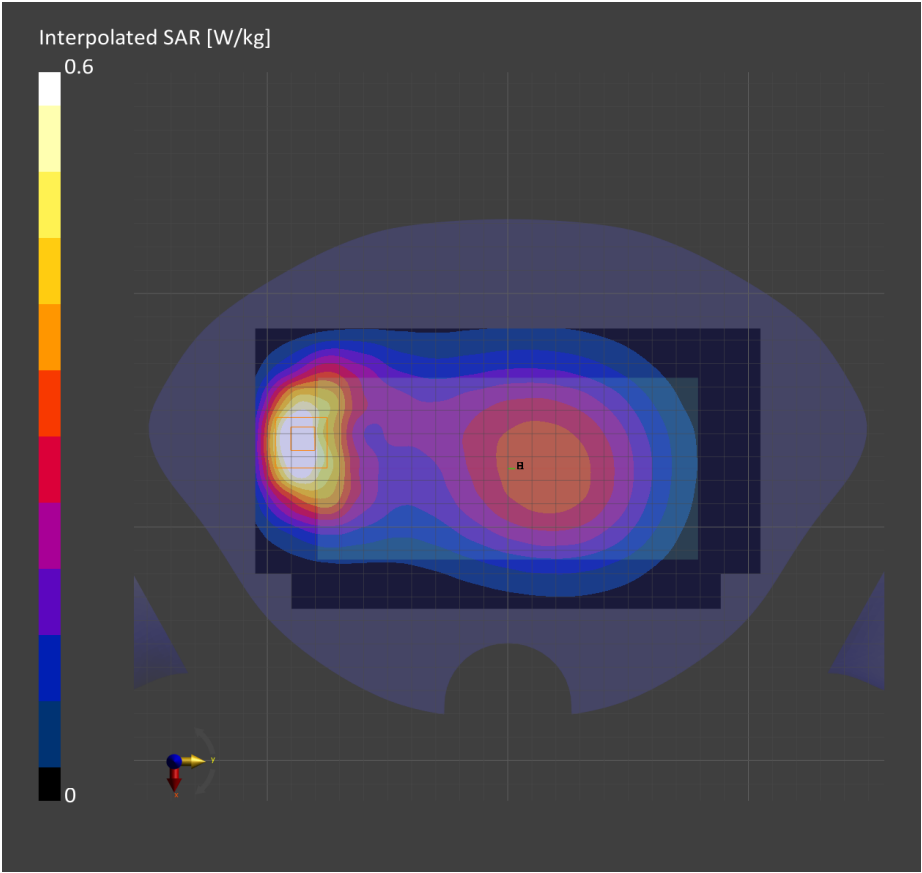
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-May-24	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-25	2022-05-25
psSAR1g [W/kg]	0.580	0.630
psSAR10g [W/kg]	0.370	0.347
Power Drift [dB]		-0.00



Measurement Report for Device, Right Touch, LTE Band 41, E-UTRA/TDD, UID 10172 CAG, Channel 39750 (2506.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band 41, E-UTRA/TDD	LTE-TDD, 10172-CAG	2506.0, 39750	8.05	1.84	39.4

Hardware Setup

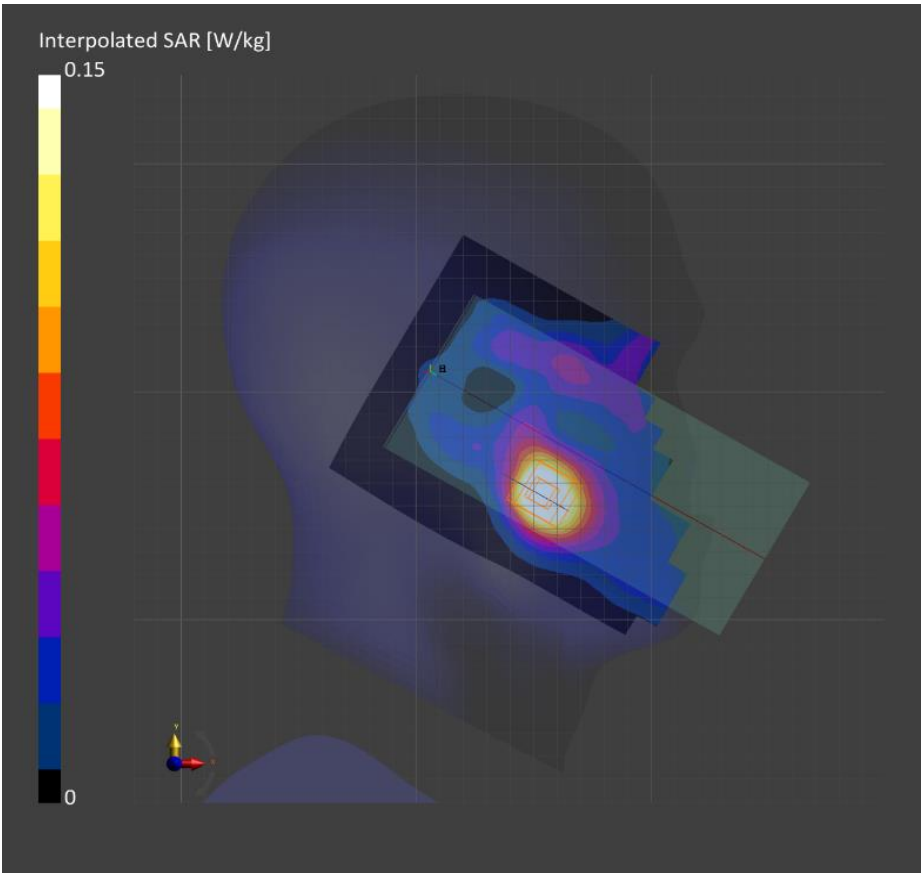
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-14	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-15	2022-06-15
psSAR1g [W/kg]	0.157	0.164
psSAR10g [W/kg]	0.080	0.085
Power Drift [dB]		0.06



Measurement Report for Device, Rear, LTE Band 41, E-UTRA/TDD, UID 10172 CAG, Channel 39750 (2506.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 41, E-UTRA/TDD	LTE-TDD, 10172-CAG	2506.0, 39750	7.3	1.86	38.8

Hardware Setup

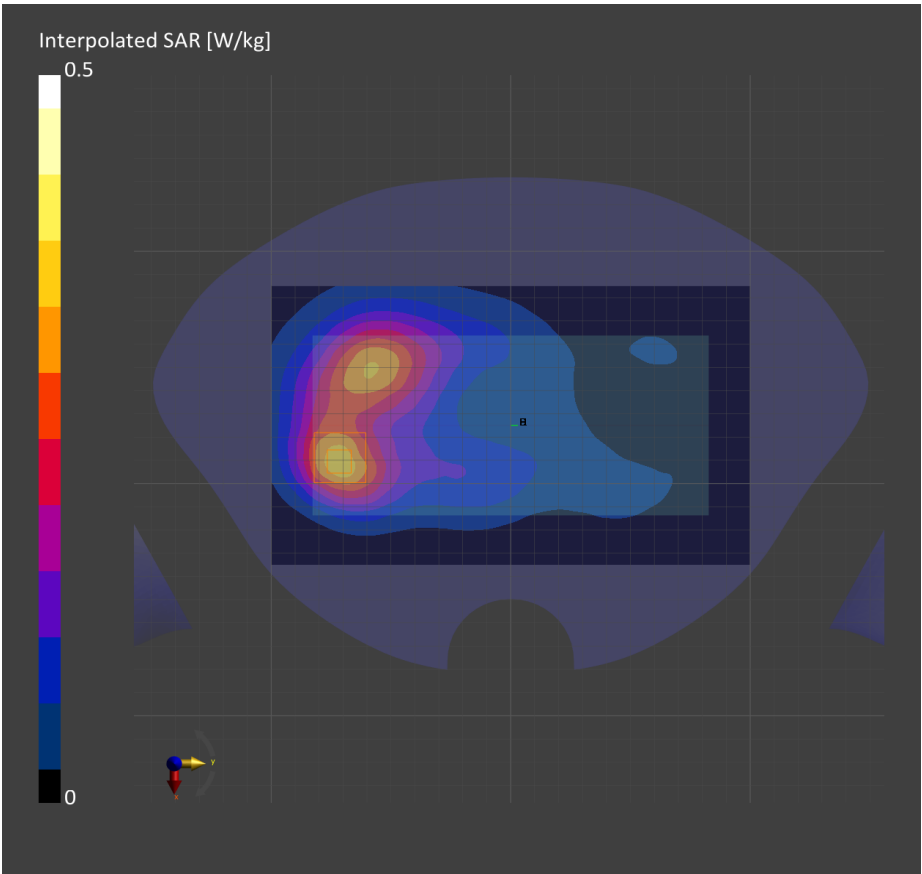
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-03	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-03	2022-06-03
psSAR1g [W/kg]	0.293	0.298
psSAR10g [W/kg]	0.159	0.157
Power Drift [dB]		0.02



Measurement Report for Device, Rear, LTE Band 41, E-UTRA/TDD, UID 10172 CAG, Channel 41490 (2680.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 41, E-UTRA/TDD	LTE-TDD, 10172-CAG	2680.0, 41490	7.3	1.99	38.5

Hardware Setup

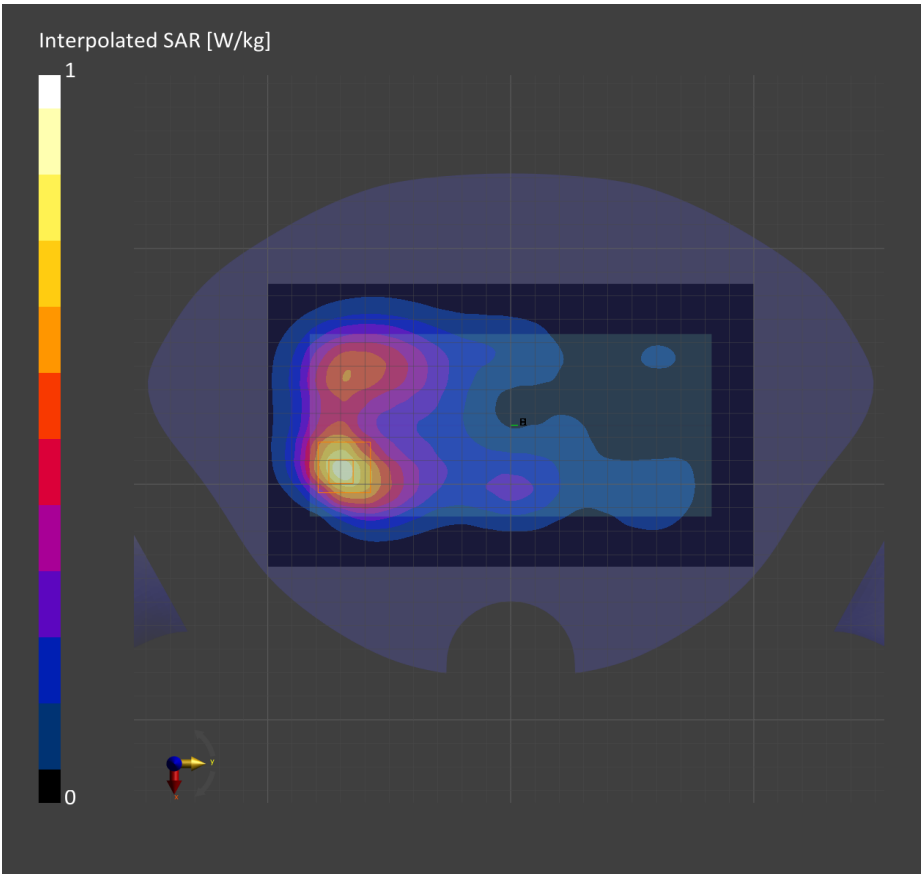
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-03	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-03	2022-06-03
psSAR1g [W/kg]	0.695	0.701
psSAR10g [W/kg]	0.355	0.350
Power Drift [dB]		-0.02



Measurement Report for Device, Left Touch, LTE Band 66, E-UTRA/FDD, UID 10169 CAE, Channel 132322 (1745.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band 66, E-UTRA/FDD	LTE-FDD, 10169-CAE	1745.0, 132322	9.23	1.36	40.3

Hardware Setup

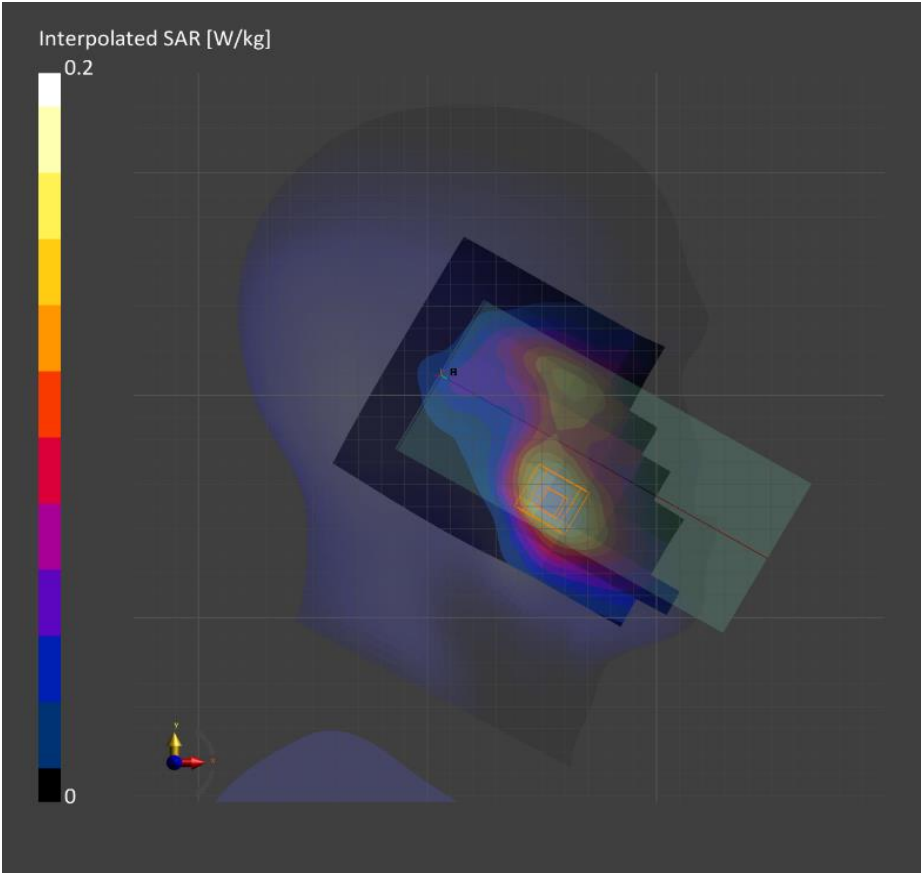
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-27	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-27	2022-06-27
psSAR1g [W/kg]	0.168	0.182
psSAR10g [W/kg]	0.100	0.117
Power Drift [dB]		0.04



Measurement Report for Device, Rear, LTE Band 66, E-UTRA/FDD, UID 10169 CAE, Channel 132322 (1745.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band 66, E-UTRA/FDD	LTE-FDD, 10169-CAE	1745.0, 132322	9.23	1.36	40.3

Hardware Setup

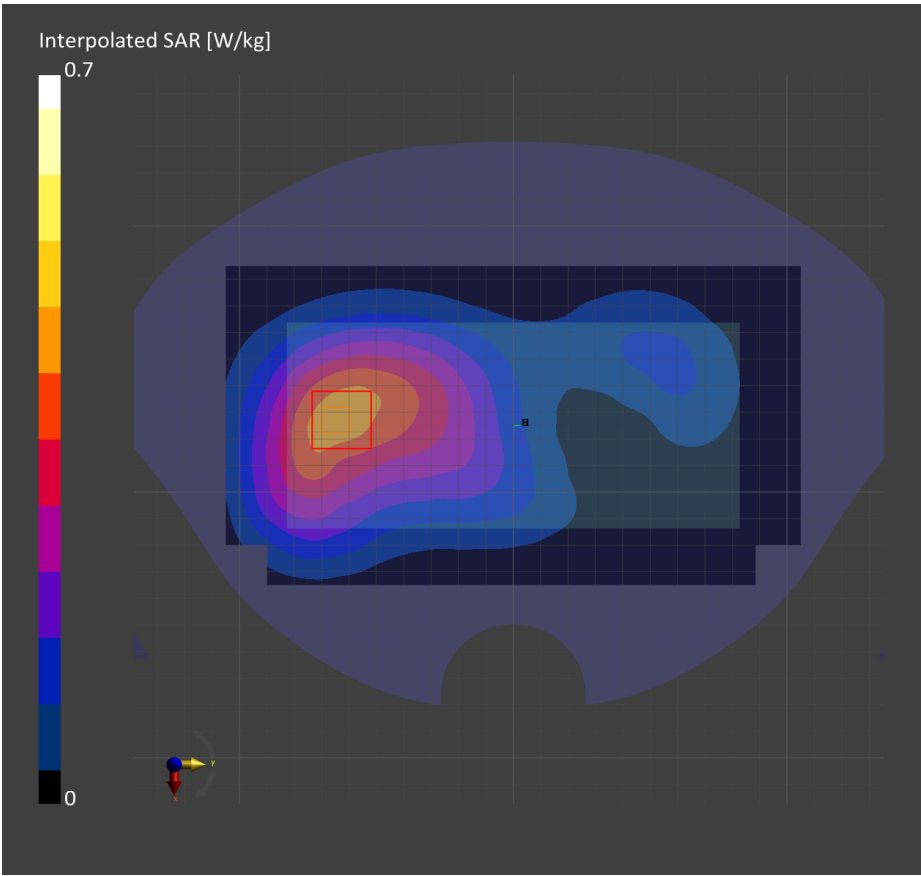
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-27	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-27	2022-06-27
psSAR1g [W/kg]	0.376	0.394
psSAR10g [W/kg]	0.239	0.258
Power Drift [dB]		-0.04



Measurement Report for Device, Rear, LTE Band 66, E-UTRA/FDD, UID 10297 AAD, Channel 132322 (1745.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band 66, E-UTRA/FDD	LTE-FDD, 10297-AAD	1745.0, 132322	9.23	1.36	40.3

Hardware Setup

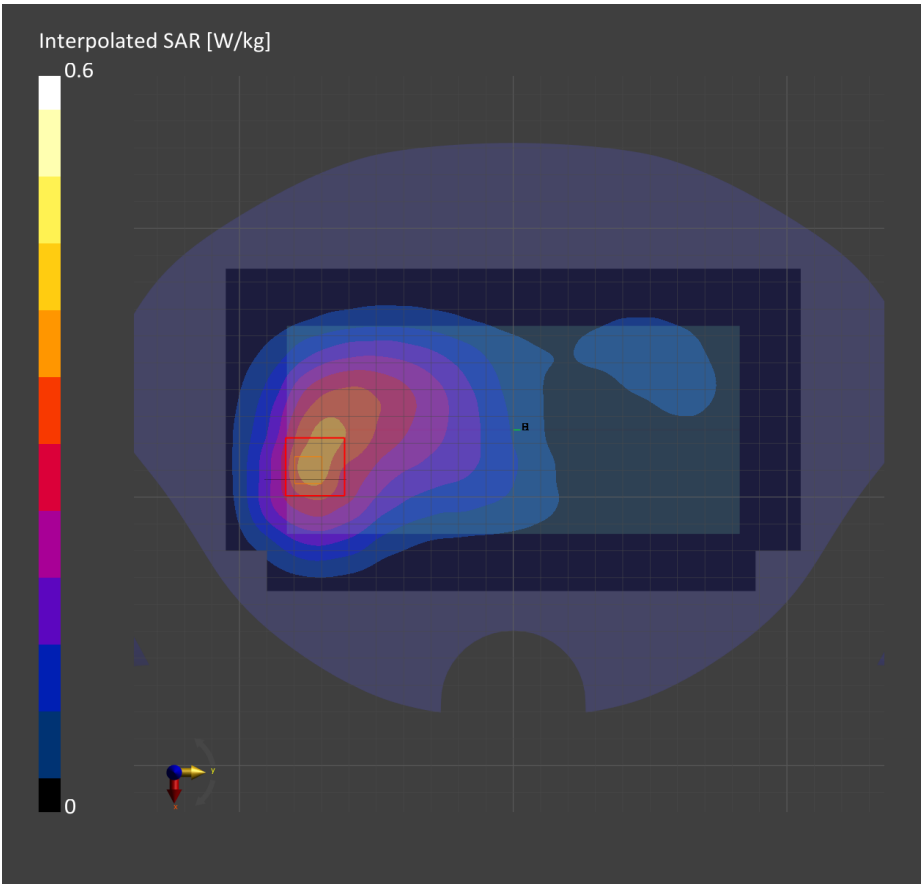
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-27	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-27	2022-06-27
psSAR1g [W/kg]	0.321	0.328
psSAR10g [W/kg]	0.197	0.202
Power Drift [dB]		-0.04



Measurement Report for Device, Right Touch, LTE Band 66, E-UTRA/FDD, UID 10169 CAE, Channel 132572 (1770.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band 66, E-UTRA/FDD	LTE-FDD, 10169-CAE	1770.0, 132572	9.23	1.36	40.0

Hardware Setup

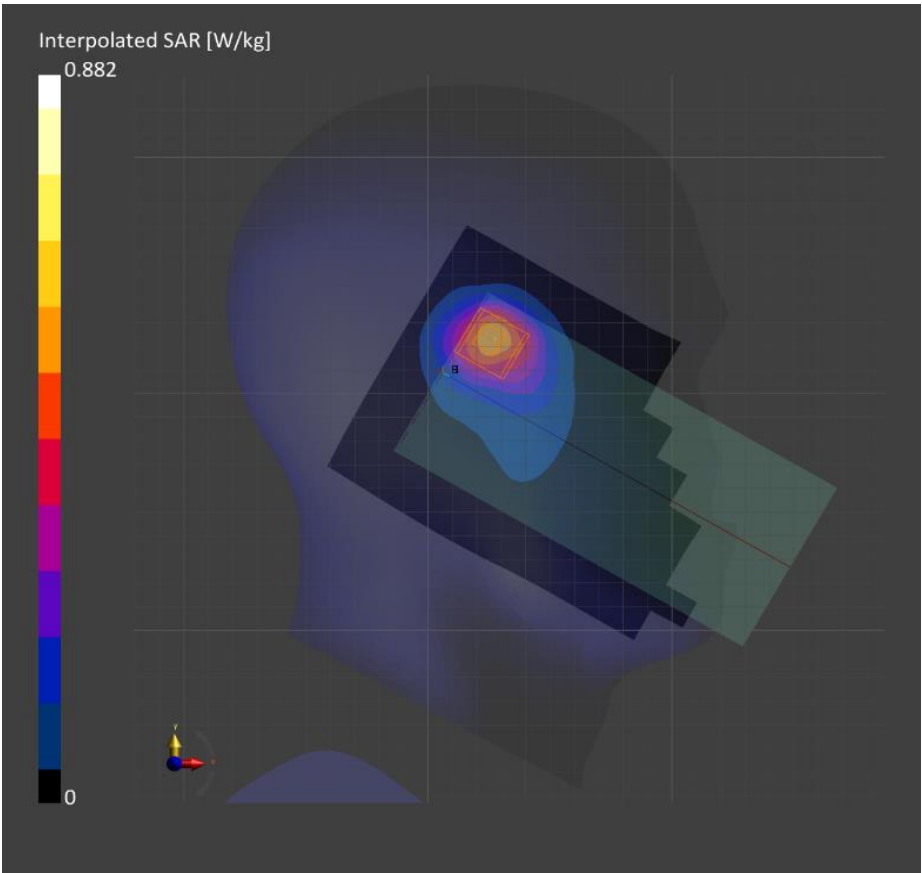
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-21	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-22	2022-06-22
psSAR1g [W/kg]	0.474	0.499
psSAR10g [W/kg]	0.270	0.277
Power Drift [dB]		0.07



LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 39.329$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 1/0 ch.132572/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.117 W/kg

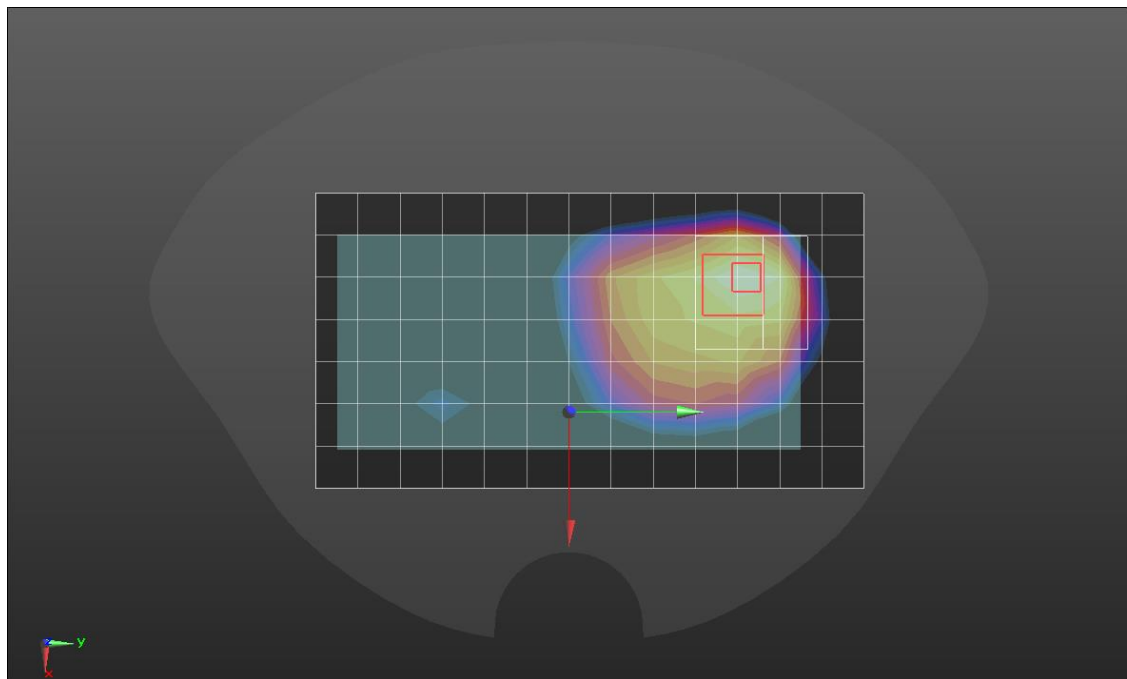
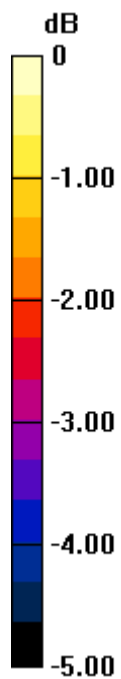
Rear/QPSK RB 1/0 ch.132572/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.528 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg

LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 39.329$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 1/0 ch.132572/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.210 W/kg

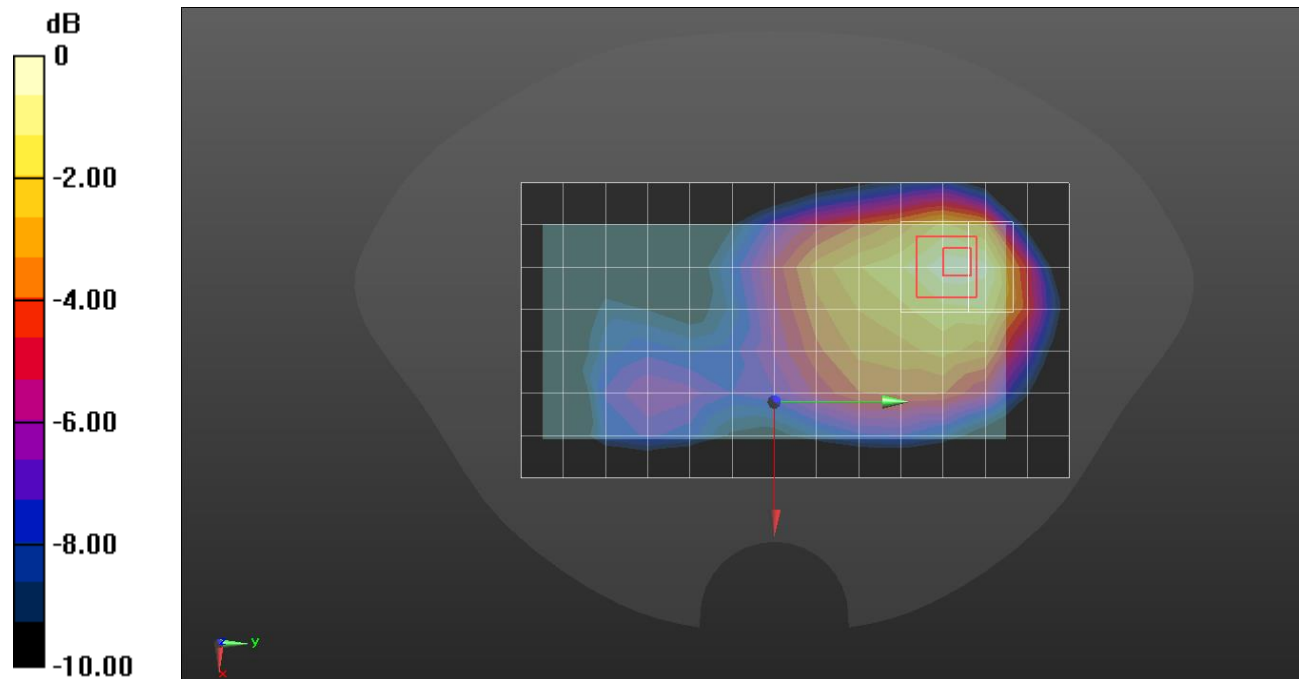
Rear/QPSK RB 1/0 ch.132572/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.57 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

Measurement Report for Device, Right Touch, NR Band n5, UID 10931 AAB, Channel 167300 (836.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	Band n5	5G NR FR1 FDD, 10931-AAB	836.5, 167300	10.54	0.926	40.8

Hardware Setup

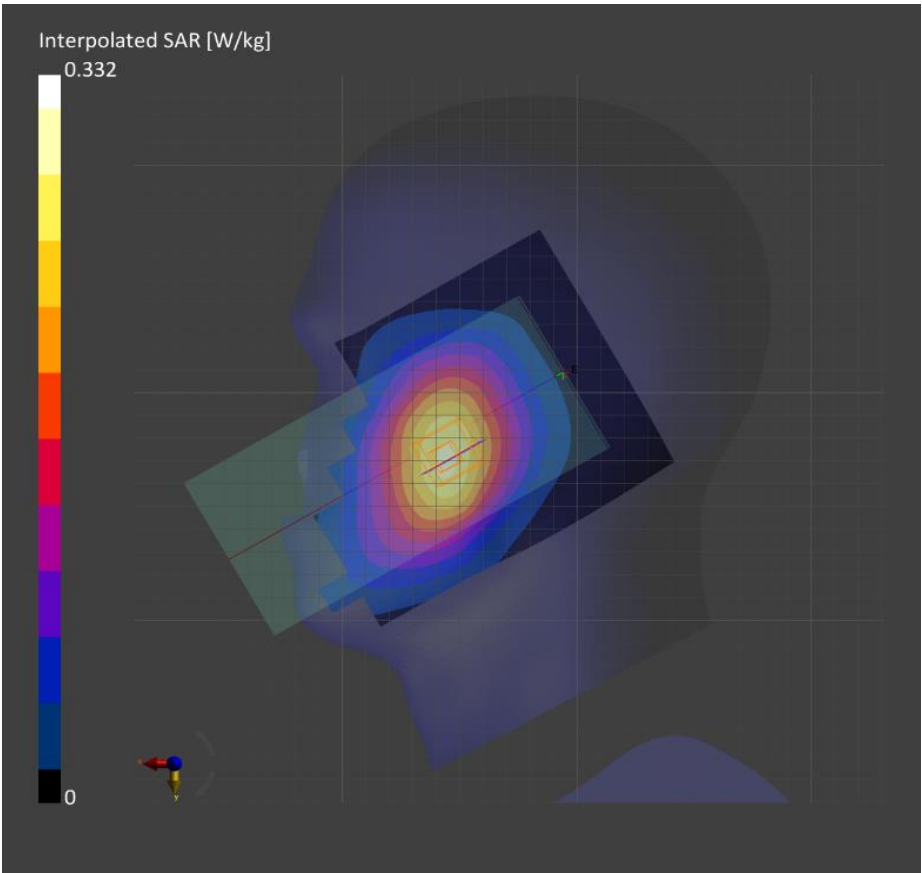
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-02	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-03	2022-06-03
psSAR1g [W/kg]	0.248	0.262
psSAR10g [W/kg]	0.171	0.202
Power Drift [dB]		-0.18



Measurement Report for Device, Rear, NR Band n5, UID 10939 AAB, Channel 167300 (836.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	Band n5	5G NR FR1 FDD, 10939-AAB	836.5, 167300	10.54	0.926	40.8

Hardware Setup

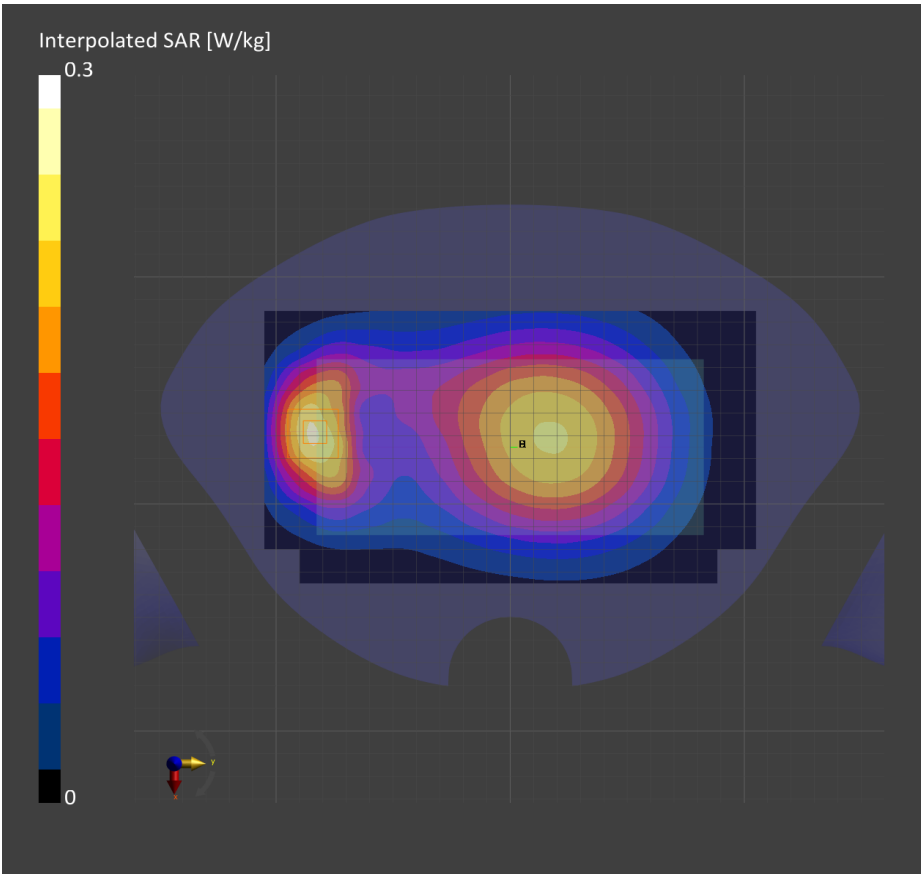
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-02	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-03, 14:18	2022-06-03, 14:24
psSAR1g [W/kg]	0.222	0.243
psSAR10g [W/kg]	0.146	0.143
Power Drift [dB]		-0.02



Measurement Report for Device, Rear, NR Band n5, UID 10931 AAB, Channel 167300 (836.5MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	Band n5	5G NR FR1 FDD, 10931-AAB	836.5, 167300	10.54	0.926	40.8

Hardware Setup

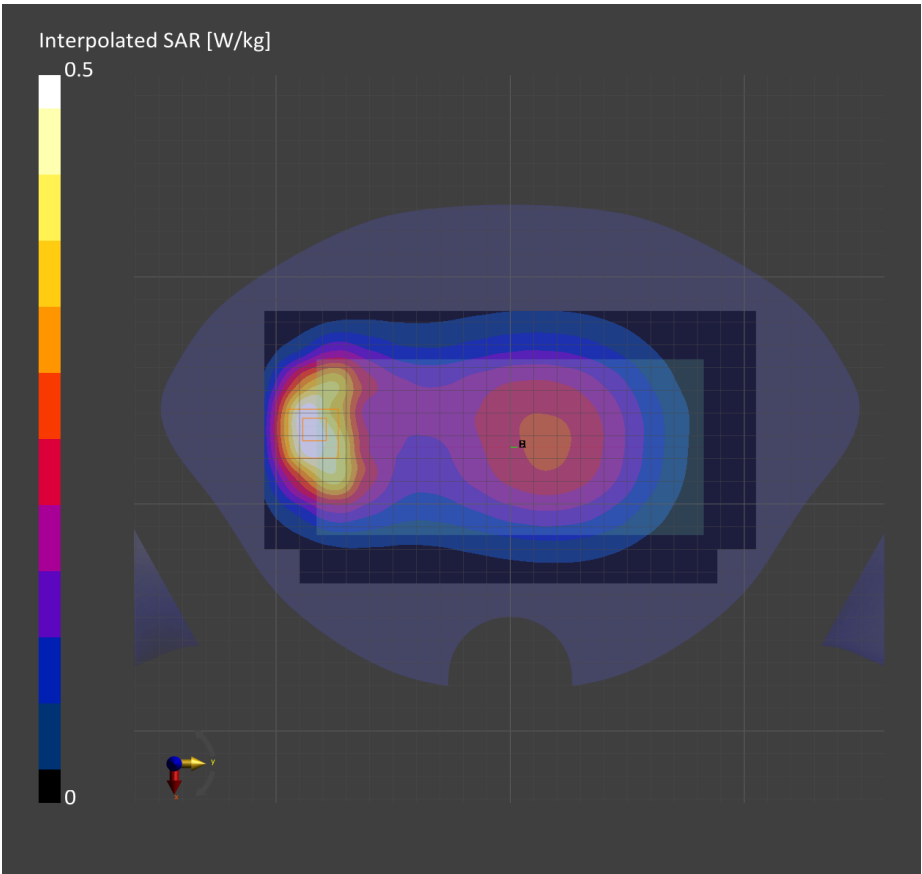
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-02	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-03, 13:57	2022-06-03, 14:03
psSAR1g [W/kg]	0.437	0.508
psSAR10g [W/kg]	0.287	0.280
Power Drift [dB]		-0.01



Measurement Report for Device, Left touch, NR Band n66, UID 10931 AAC, Channel 349000 (1745.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left Head, HSL	CHEEK, 0.00	Band n66	5G NR FR1 FDD, 10931-AAC	1745.0, 349000	8.58	1.35	39.5

Hardware Setup

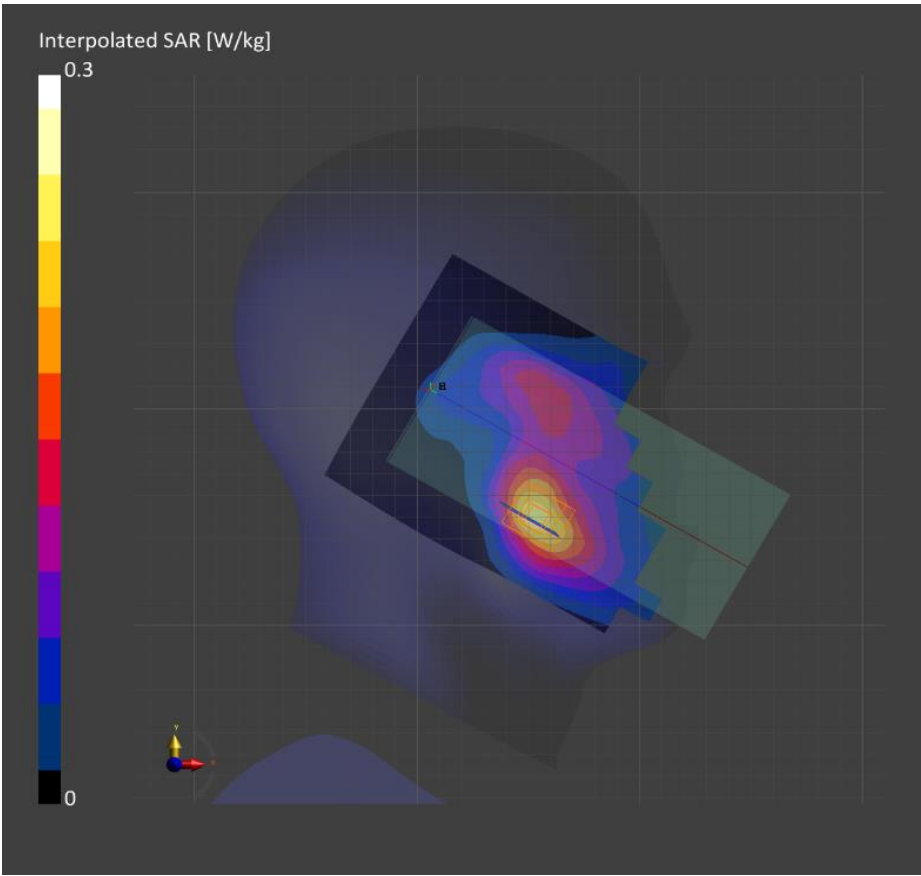
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-27	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-27	2022-06-27
psSAR1g [W/kg]	0.202	0.210
psSAR10g [W/kg]	0.119	0.133
Power Drift [dB]		0.01



NR Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.431$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/22/2021
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 50/28 ch.349000/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.355 W/kg

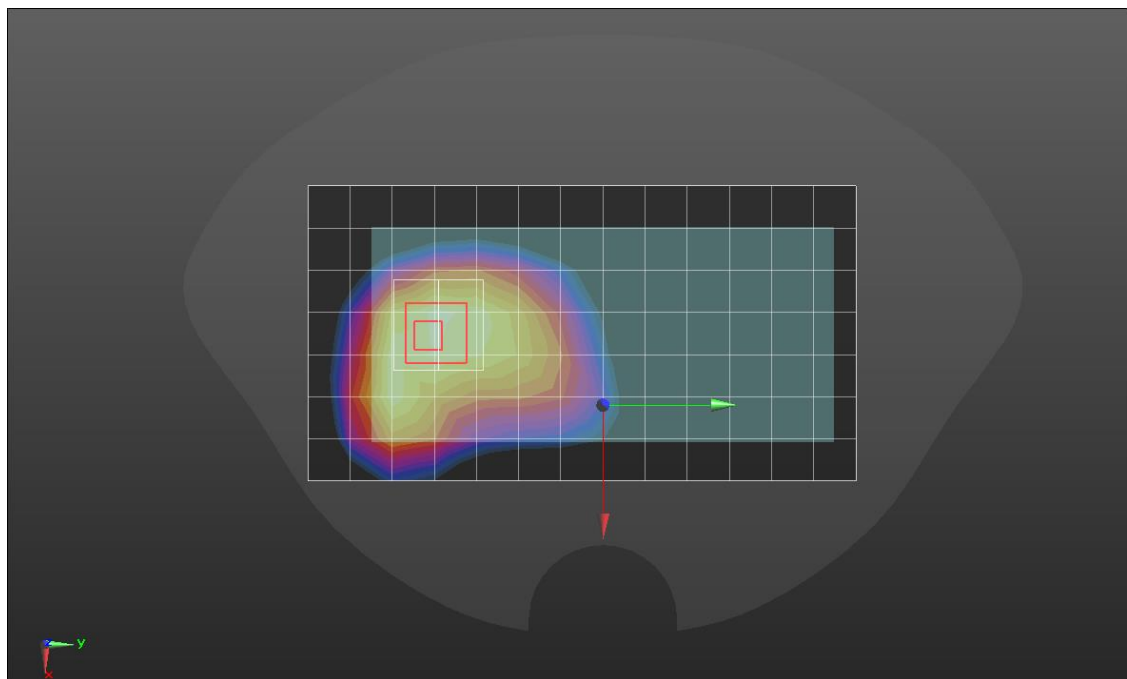
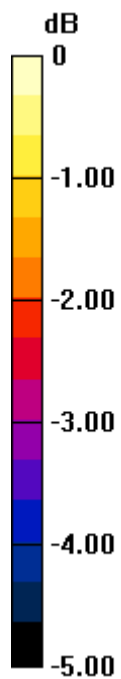
Rear/QPSK RB 50/28 ch.349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.37 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

NR Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.431$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/22/2021
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 50/28 ch.349000/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.03 W/kg

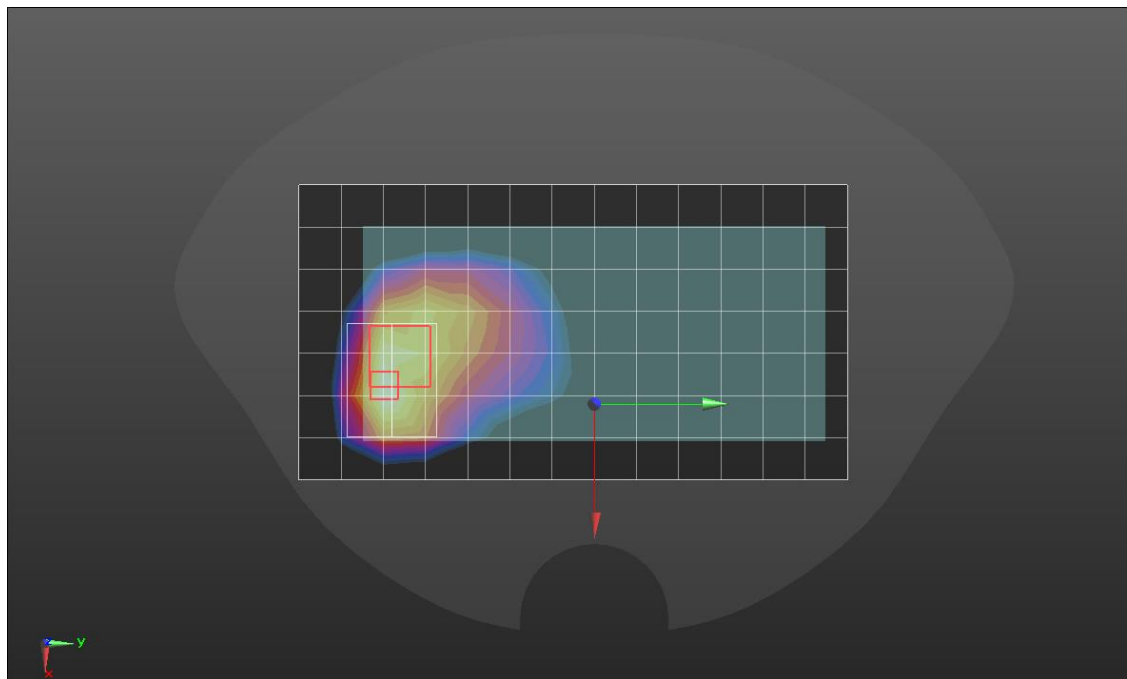
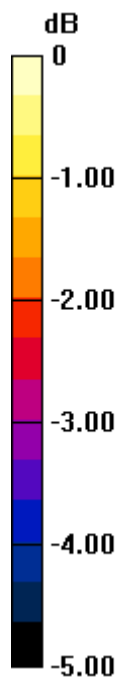
Rear/QPSK RB 50/28 ch.349000//Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.18 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

NR Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 39.329$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

LHS/Touch QPSK 1/53 ch.349000/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.697 W/kg

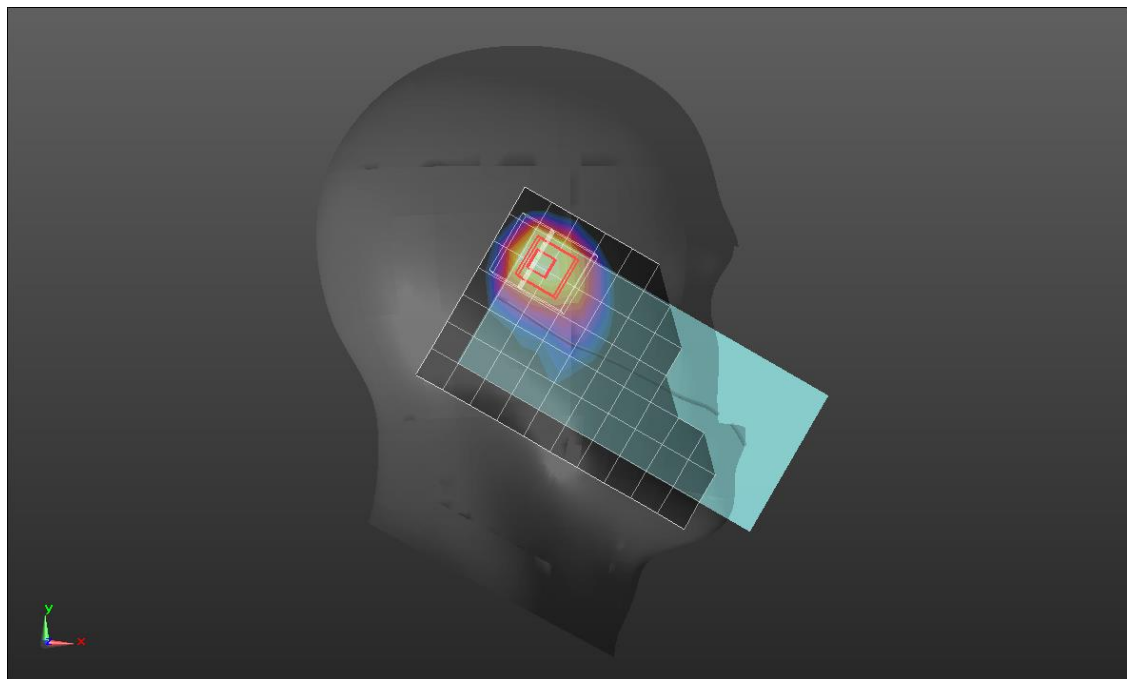
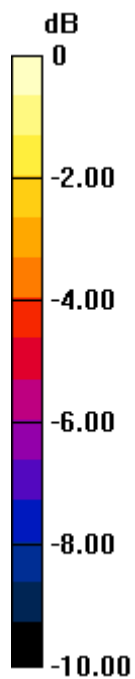
LHS/Touch QPSK 1/53 ch.349000/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.96 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.752 W/kg = -1.24 dBW/kg

NR Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.431$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/22/2021
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 1/53 ch.349000/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.631 W/kg

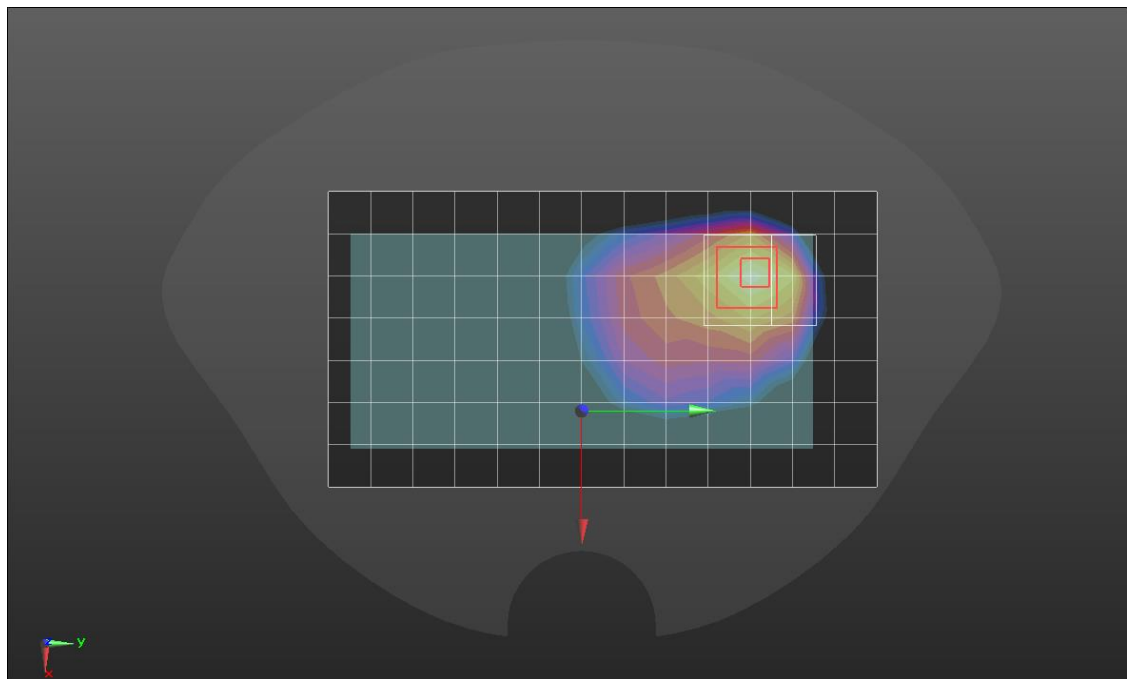
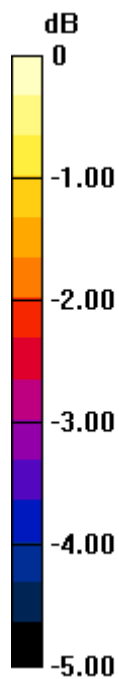
Rear/QPSK RB 1/53 ch.349000/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.45 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.647 W/kg = -1.89 dBW/kg

NR Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 39.329$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/QPSK RB 50/28 ch.349000/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.839 W/kg

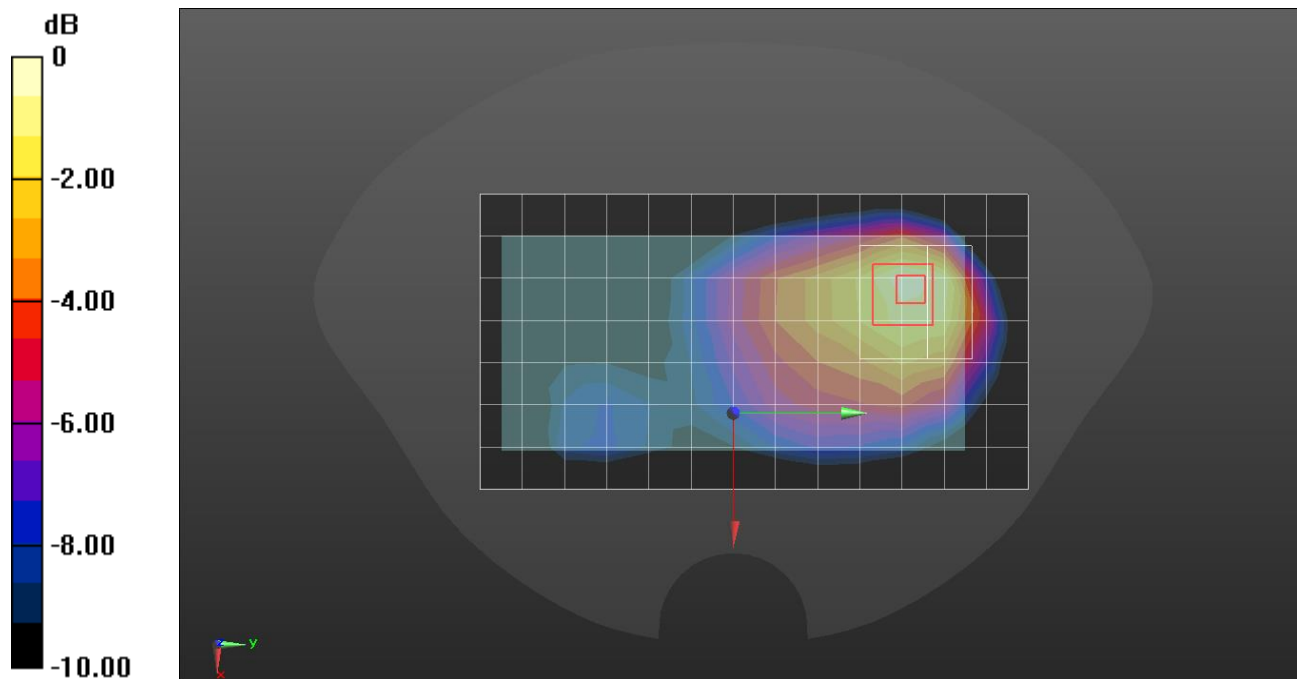
Rear/QPSK RB 50/28 ch.349000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.09 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

Measurement Report for Device, Right Touch, Wi-Fi 2.4GHz, UID 10415 AAA, Channel 11 (2462.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	CHEEK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2462.0, 11	8.25	1.85	38.0

Hardware Setup

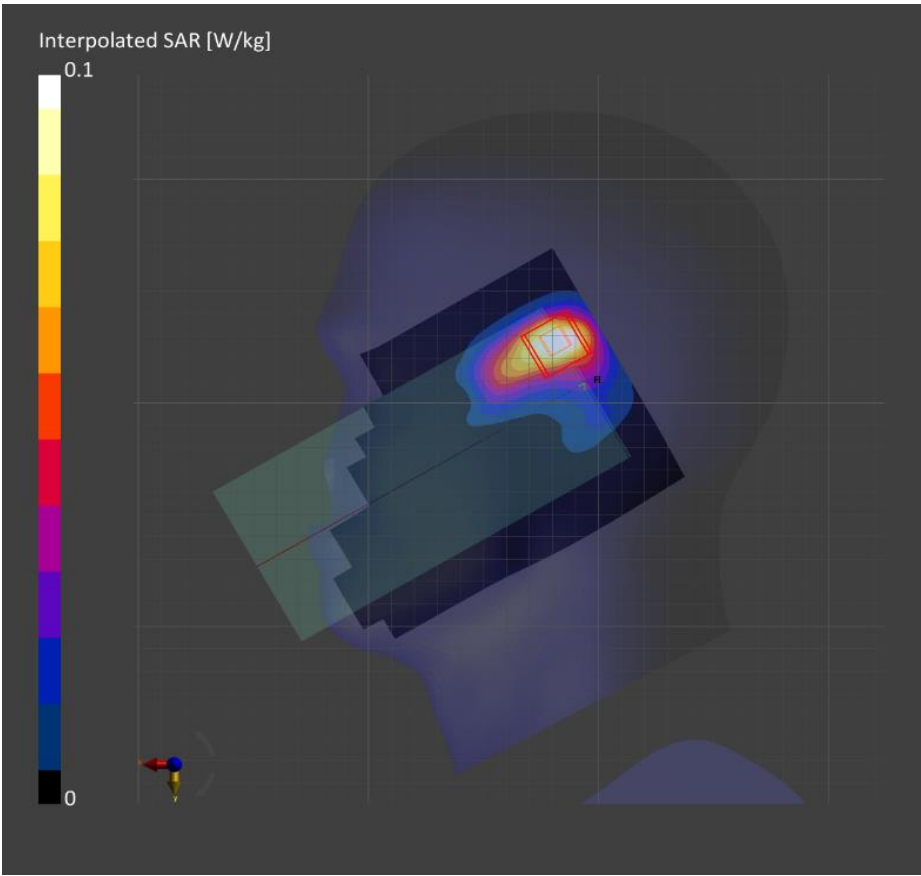
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2042	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7645, 2022-04-29	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-13	2022-06-13
psSAR1g [W/kg]	0.083	0.083
psSAR10g [W/kg]	0.041	0.039
Power Drift [dB]		0.04



Measurement Report for Device, Rear, Wi-Fi 2.4GHz, UID 10415 AAA, Channel 6 (2437.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	7.56	1.86	39.9

Hardware Setup

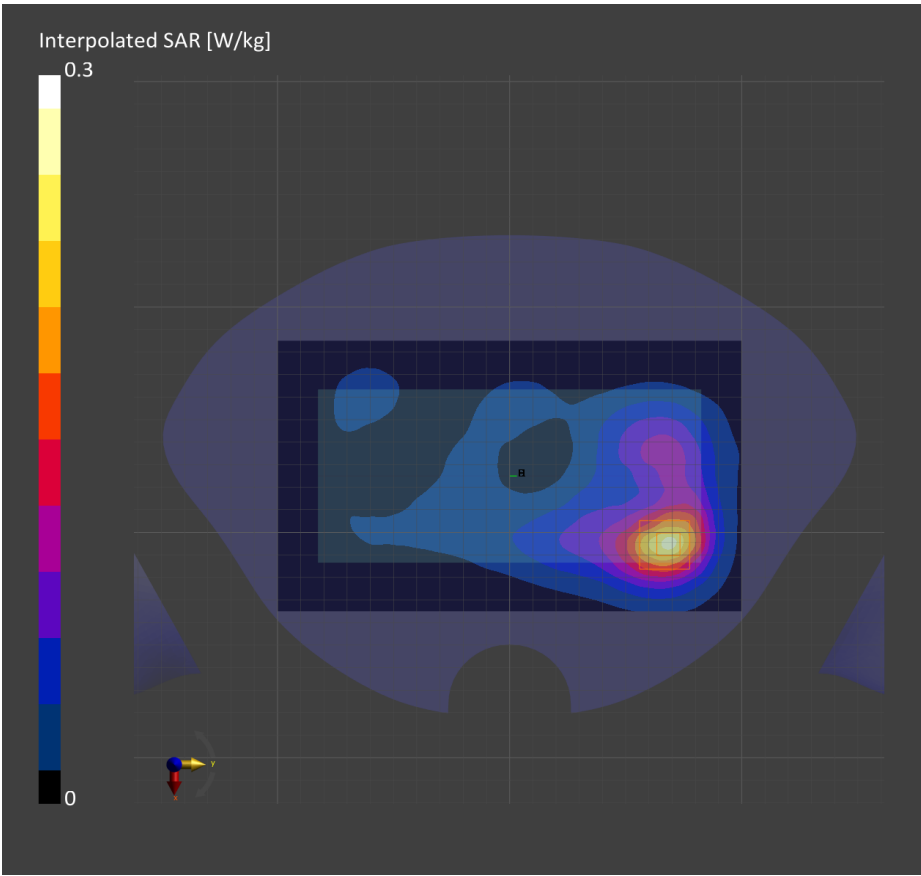
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-21	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-21	2022-06-21
psSAR1g [W/kg]	0.203	0.204
psSAR10g [W/kg]	0.104	0.103
Power Drift [dB]		0.05



Measurement Report for Device, Rear, Wi-Fi 2.4GHz, UID 10415 AAA, Channel 6 (2437.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	7.56	1.86	39.9

Hardware Setup

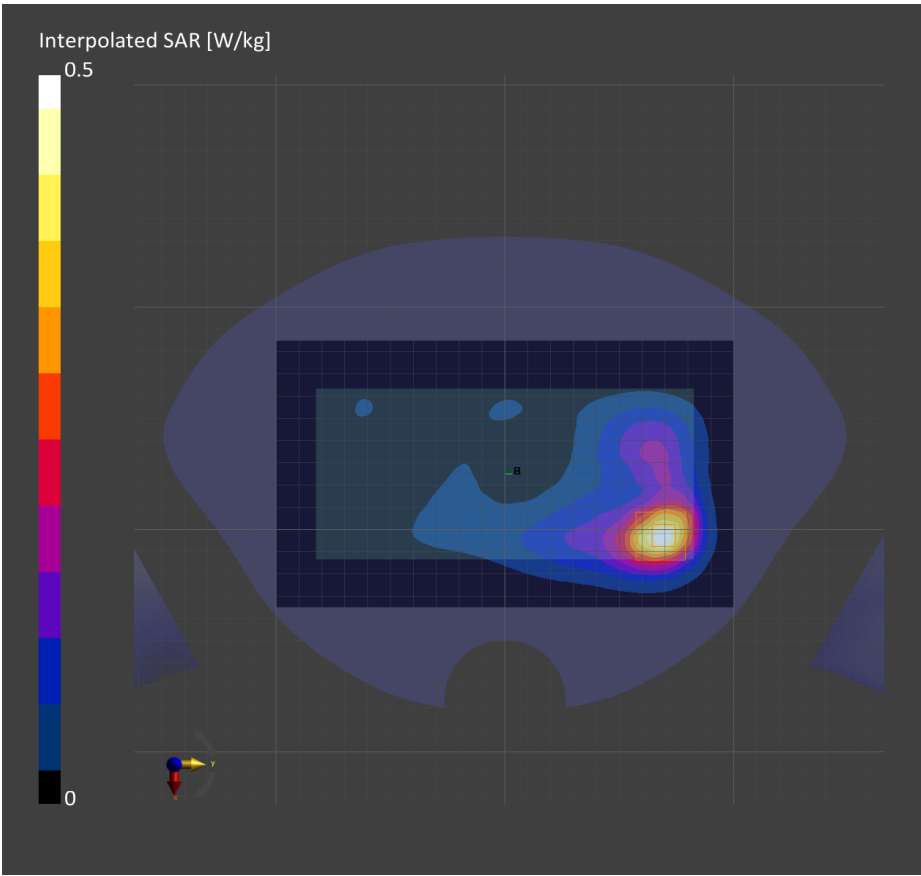
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-21	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-21	2022-06-21
psSAR1g [W/kg]	0.377	0.395
psSAR10g [W/kg]	0.185	0.184
Power Drift [dB]		0.01



Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.848$ S/m; $\epsilon_r = 36.744$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(5.09, 5.09, 5.09) @ 5290 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1877

LHS/Touch 802.11 ac mode VHT 80 ch.58/Area Scan (11x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.237 W/kg

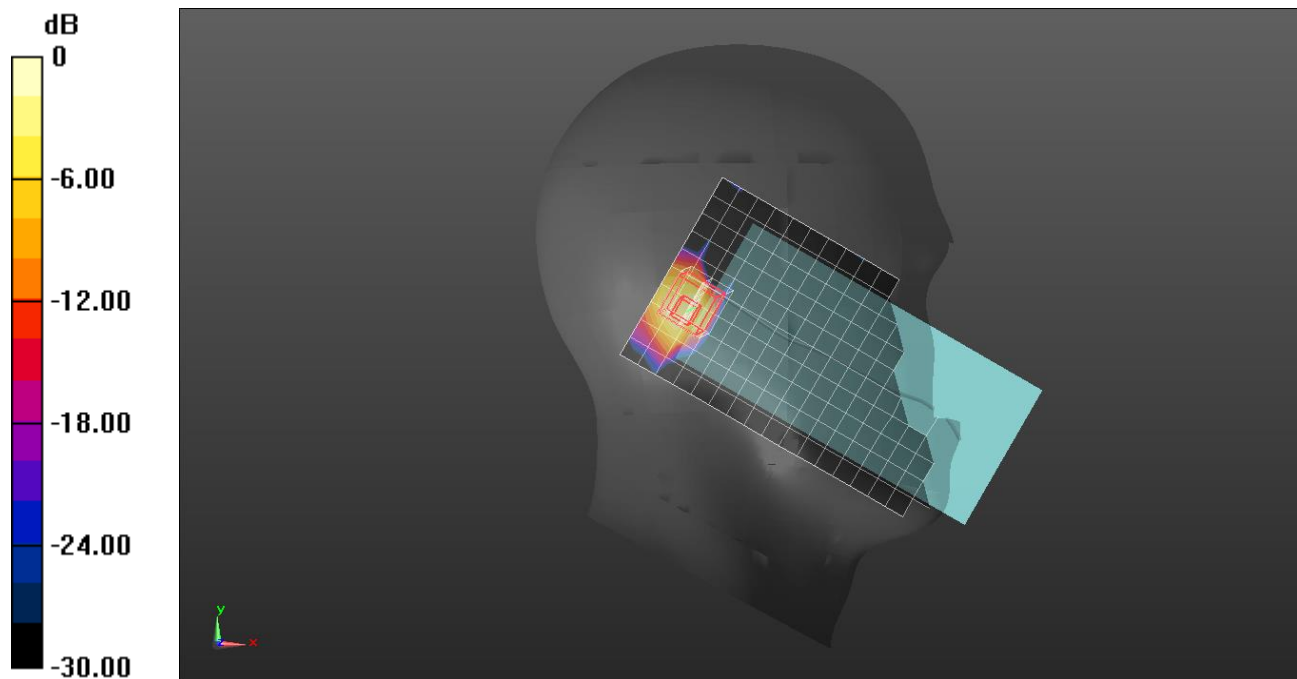
LHS/Touch 802.11 ac mode VHT 80 ch.58/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.109 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

Measurement Report for Device, Rear, U-NII-2A, UID 10583 AAC, Channel 52 (5260.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	U-NII-1, U-NII-2A	WLAN, 10583-AAC	5260.0, 52	5.24	4.74	35.9

Hardware Setup

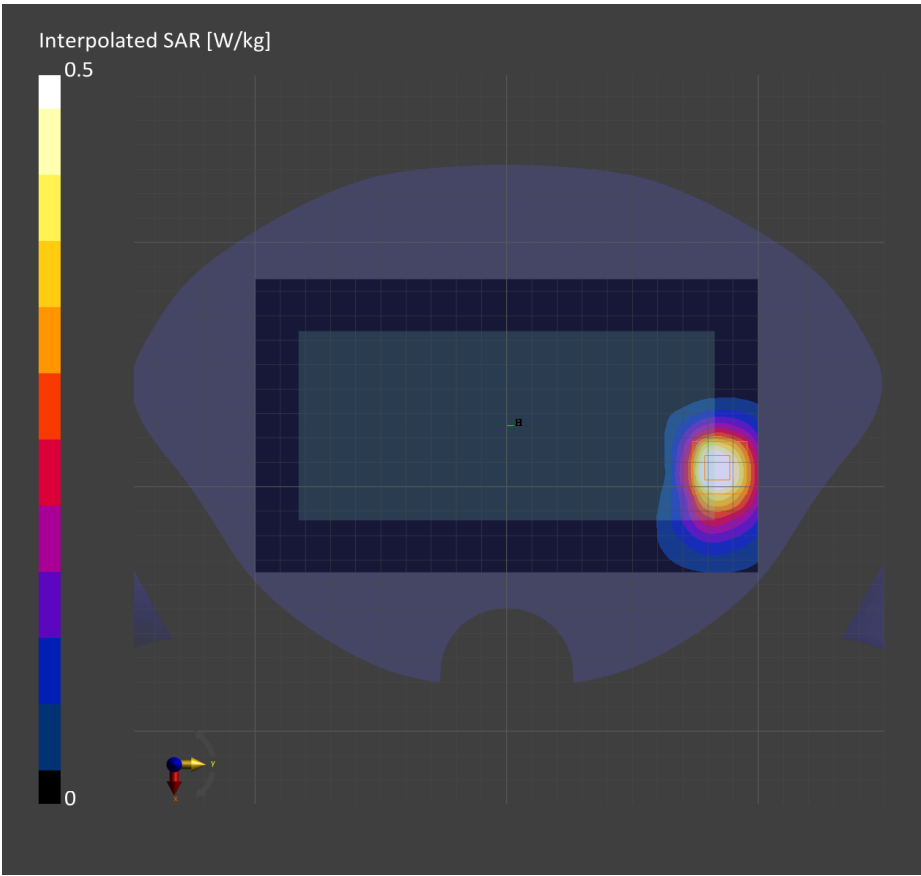
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-14	2022-06-14
psSAR1g [W/kg]	0.416	0.420
psSAR10g [W/kg]	0.164	0.160
Power Drift [dB]		-0.11



Measurement Report for Device, Edge 1, U-NII-2A, UID 10583 AAC, Channel 52 (5260.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	U-NII-1, U-NII-2A	WLAN, 10583-AAC	5260.0, 52	5.24	4.74	35.9

Hardware Setup

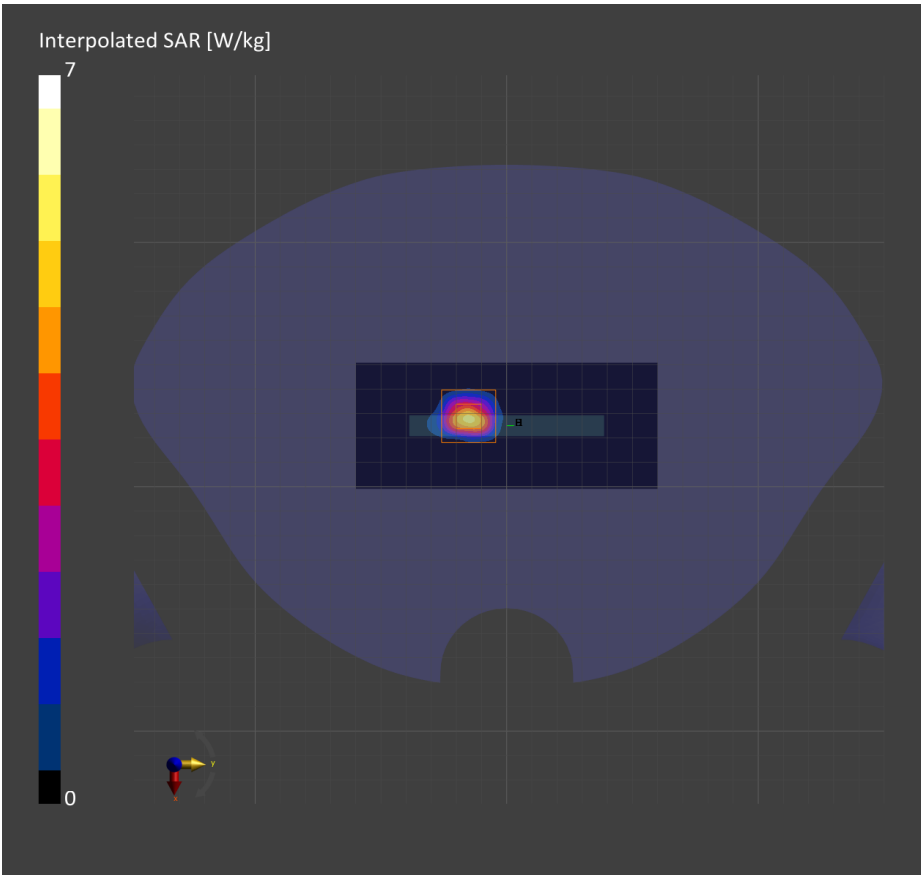
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.6 x 10.0	3.5 x 3.5 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-14	2022-06-14
psSAR1g [W/kg]	3.47	4.71
psSAR10g [W/kg]	0.929	1.02
Power Drift [dB]	-0.01	0.03



Wi-Fi 5.5 GHz

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.012$ S/m; $\epsilon_r = 36.641$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(4.47, 4.47, 4.47) @ 5530 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1877

LHS/Touch 802.11 ac mode VHT 80 ch.106 Ant 1/Area Scan (11x20x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.452 W/kg

LHS/Touch 802.11 ac mode VHT 80 ch.106 Ant 1/Zoom Scan (9x9x7)/Cube 0: Measurement

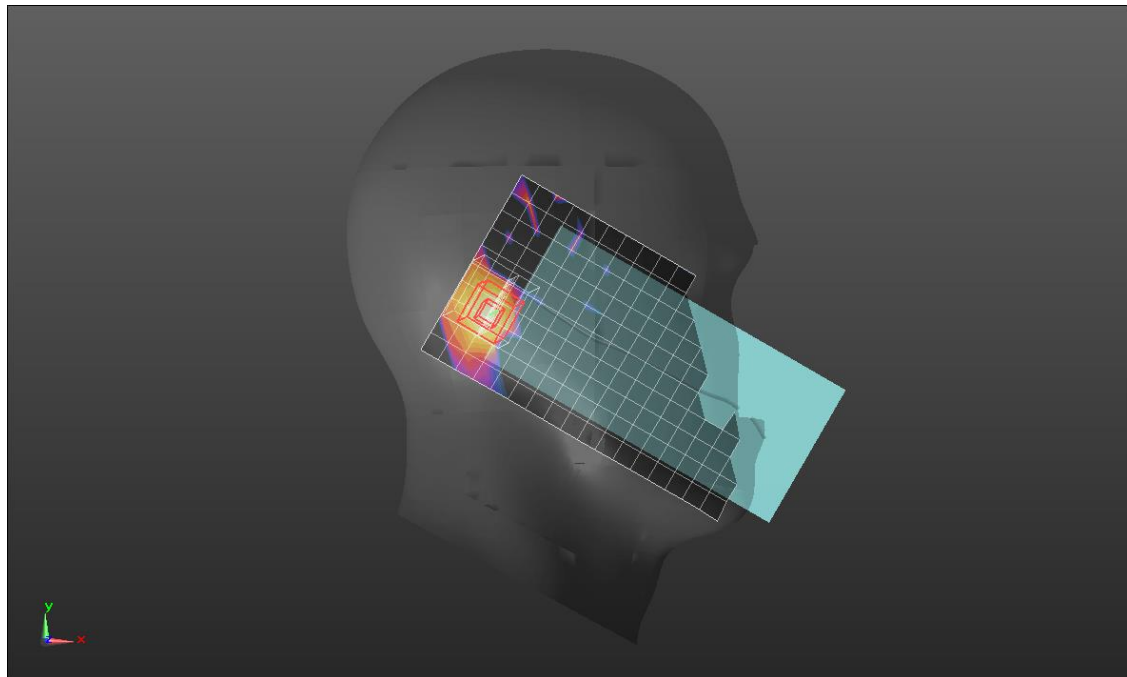
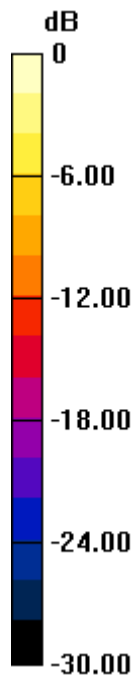
grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.600 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg

Measurement Report for Device, Rear, U-NII-2C Standalone, UID 10583 AAC, Channel 120 (5600.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	U-NII-2C Standalone	WLAN, 10583-AAC	5600.0, 120	4.66	5.11	35.2

Hardware Setup

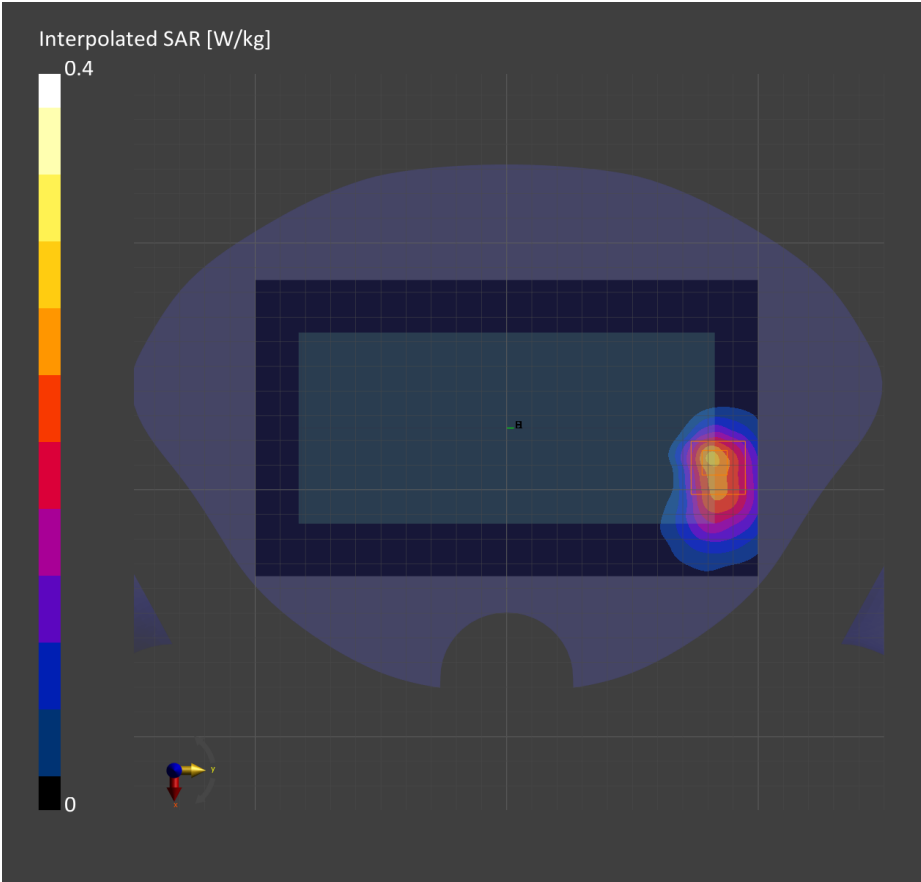
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-14	2022-06-14
psSAR1g [W/kg]	0.202	0.198
psSAR10g [W/kg]	0.083	0.073
Power Drift [dB]		-0.16



Measurement Report for Device, Edge 1, U-NII-2C Standalone, UID 10583 AAC, Channel 120 (5600.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	U-NII-2C Standalone	WLAN, 10583-AAC	5600.0, 120	4.66	5.11	35.2

Hardware Setup

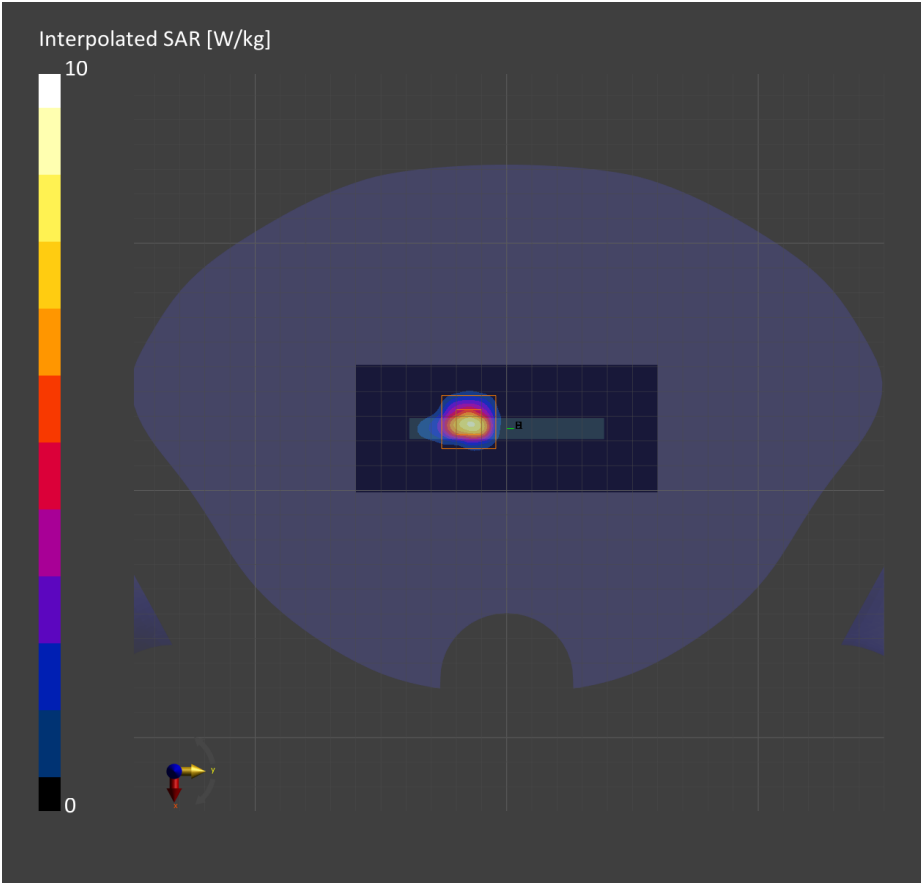
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.6 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-14	2022-06-14
psSAR1g [W/kg]	5.37	6.70
psSAR10g [W/kg]	1.42	1.52
Power Drift [dB]		0.02



Wi-Fi 5.8 GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.159$ S/m; $\epsilon_r = 36.272$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/24/2022
- Probe: EX3DV4 - SN7376; ConvF(4.45, 4.45, 4.45) @ 5775 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1877

LHS/Touch 802.11 ac mode VHT 80 ch.155 Ant 1/Area Scan (11x21x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.336 W/kg

LHS/Touch 802.11 ac mode VHT 80 ch.155 Ant 1/Zoom Scan (8x9x7)/Cube 0: Measurement

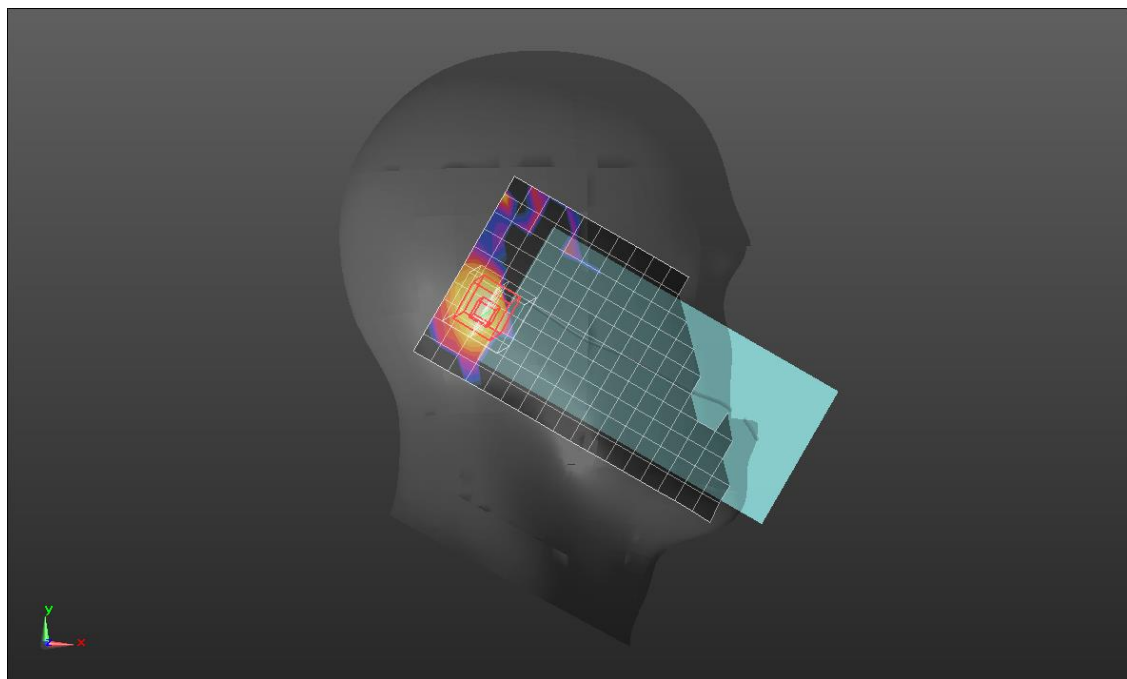
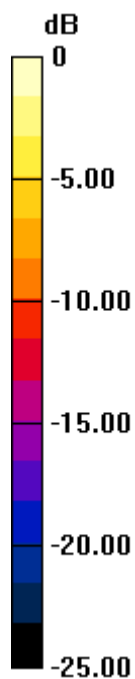
grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.511 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.363 W/kg = -4.40 dBW/kg

Measurement Report for Device, Front, U-NII-3 Standalone, UID 10583 AAC, Channel 157 (5785.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 15.00	U-NII-3 Standalone	WLAN, 10583-AAC	5785.0, 157	4.65	5.30	34.9

Hardware Setup

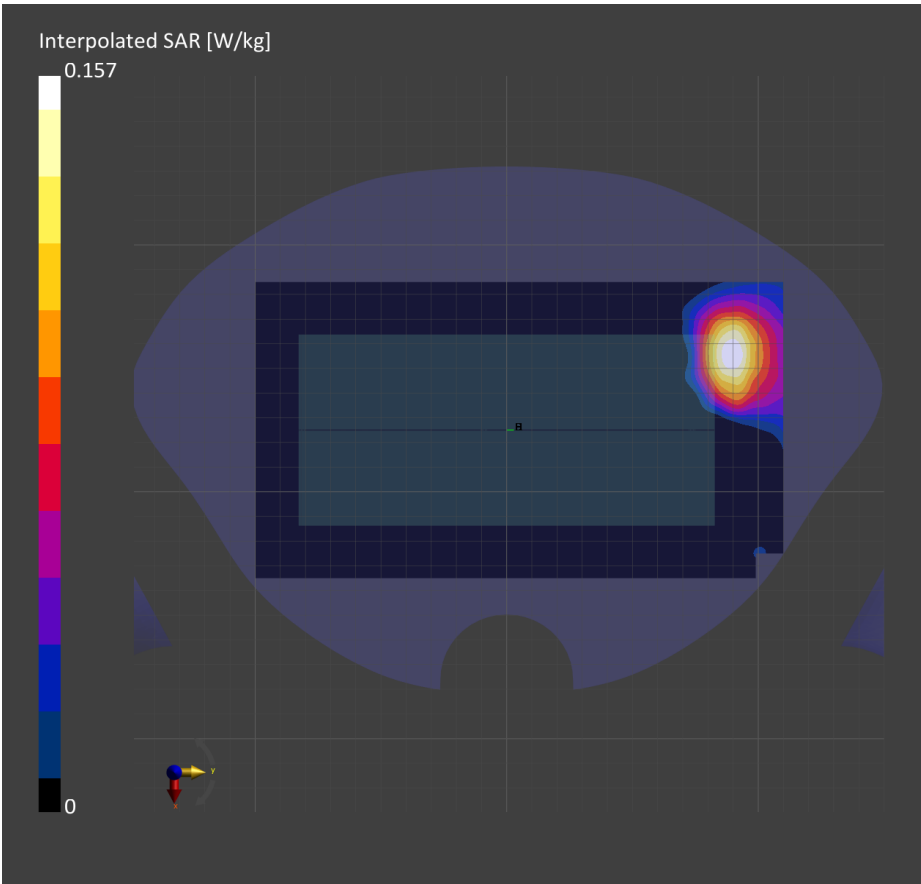
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-14	2022-06-14
psSAR1g [W/kg]	0.117	0.127
psSAR10g [W/kg]	0.047	0.046
Power Drift [dB]		0.03



Measurement Report for Device, Edge 1, U-NII-3 Standalone, UID 10583 AAC, Channel 149 (5745.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 10.00	U-NII-3 Standalone	WLAN, 10583-AAC	5745.0, 149	4.65	5.26	34.9

Hardware Setup

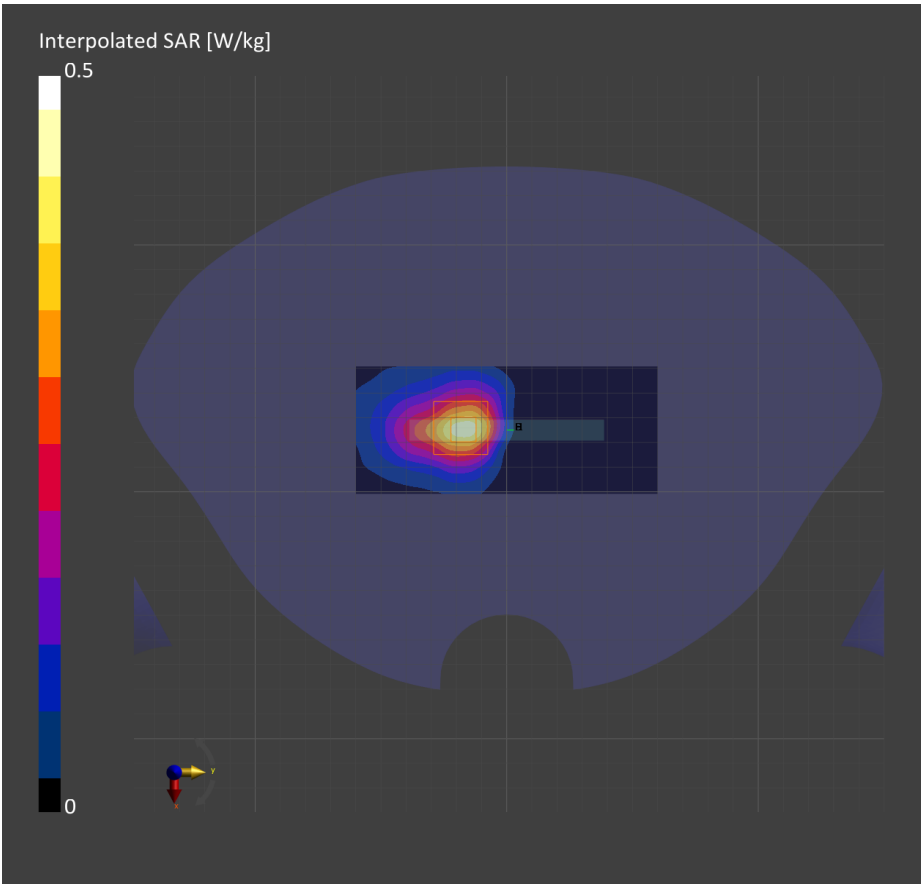
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2037	HBBL-600-10000, 2022-Jun-13	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1343, 2021-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.6 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-06-14	2022-06-14
psSAR1g [W/kg]	0.326	0.344
psSAR10g [W/kg]	0.125	0.124
Power Drift [dB]		-0.06



Measurement Report for Device, Right Tilt, Bluetooth 2.4 GHz Band, UID 10032 CAA, Channel 78 (2480.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right Head, HSL	TILT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	7.56	1.89	39.8

Hardware Setup

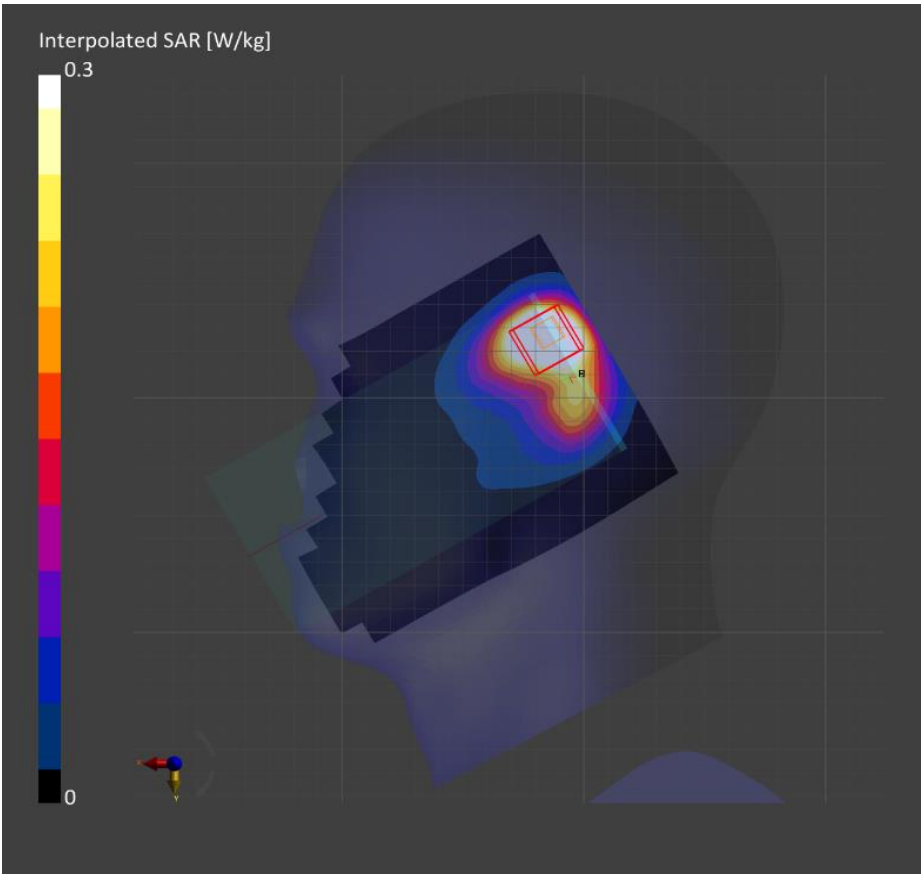
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000 Charge, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-20	2022-06-20
psSAR1g [W/kg]	0.402	0.408
psSAR10g [W/kg]	0.198	0.192
Power Drift [dB]		0.02



Measurement Report for Device, Rear, Bluetooth 2.4 GHz Band, UID 10032 CAA, Channel 78 (2480.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 15.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	7.56	1.89	39.8

Hardware Setup

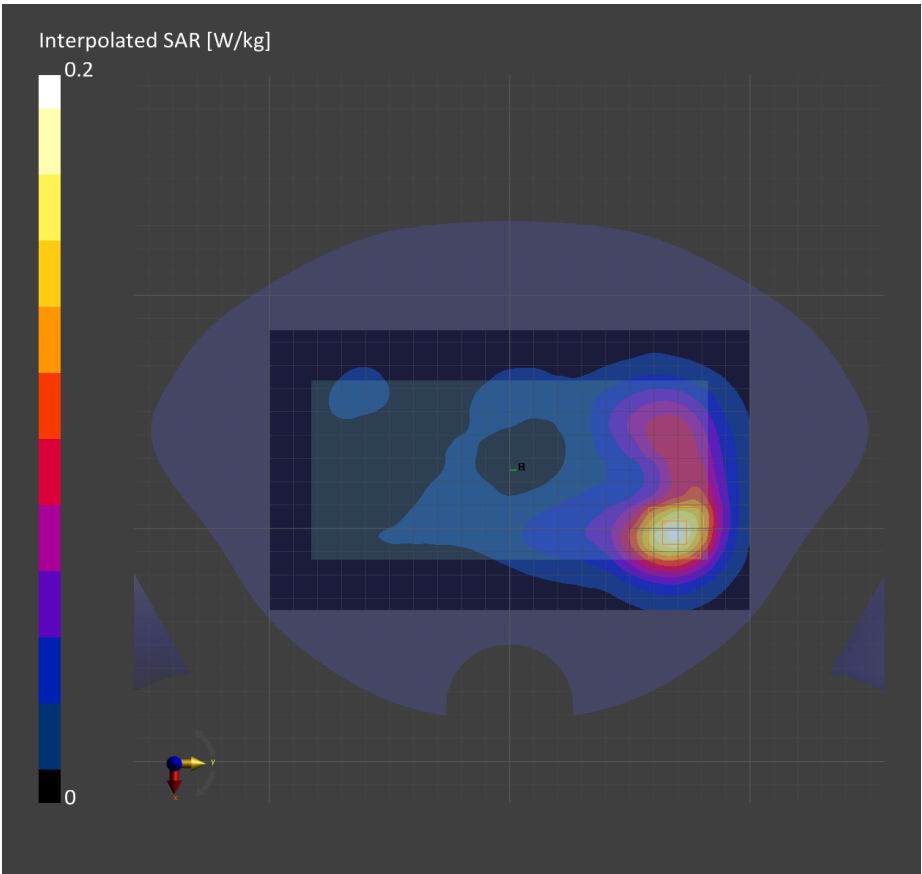
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-20	2022-06-20
psSAR1g [W/kg]	0.149	0.152
psSAR10g [W/kg]	0.079	0.077
Power Drift [dB]		-0.13



Measurement Report for Device, Rear, Bluetooth 2.4GHz Band, UID 10032 CAA, Channel 78 (2480.0MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.0, 78	7.56	1.89	39.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Jun-20	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1667, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

	Area Scan	Zoom Scan
Date	2022-06-20	2022-06-20
psSAR1g [W/kg]	0.308	0.318
psSAR10g [W/kg]	0.159	0.154
Power Drift [dB]		0.00

