

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 40.64$; $\rho = 1000$ 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 Sn1343; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7651; ConvF(10, 10, 10) @ 836.6 MHz; Calibrated: 2022-05-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

RHS/Touch GPRS 2 slot ch.190/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.389 W/kg

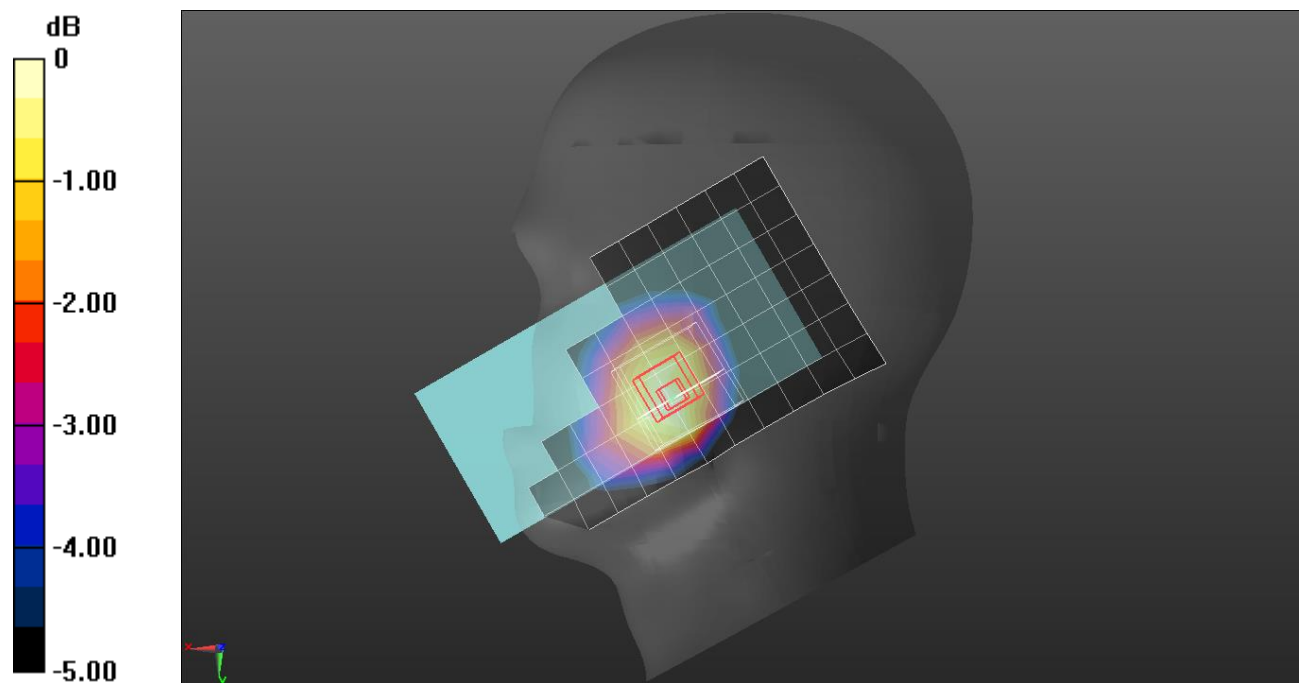
RHS/Touch GPRS 2 slot ch.190/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.11 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg = -4.16 dBW/kg

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	Rear, 15.00	GSM 850	GSM, 10024-DAC	836.6, 190	10.0	0.899	40.6

Hardware Setup

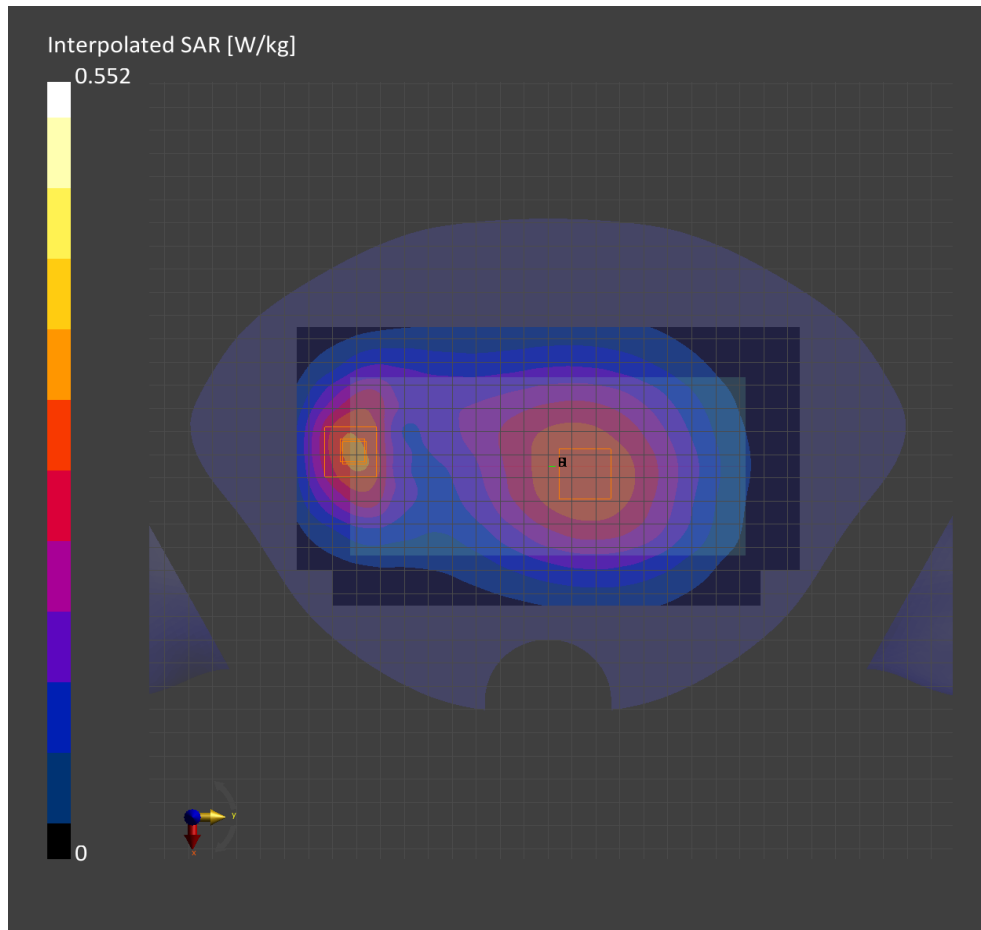
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-06	2022-10-06
psSAR1g [W/kg]	0.296	0.319
psSAR10g [W/kg]	0.201	0.192
Power Drift [dB]		0.01



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	Rear, 10.00	GSM 850	GSM, 10024-DAC	848.8, 251	10.0	0.905	40.5

Hardware Setup

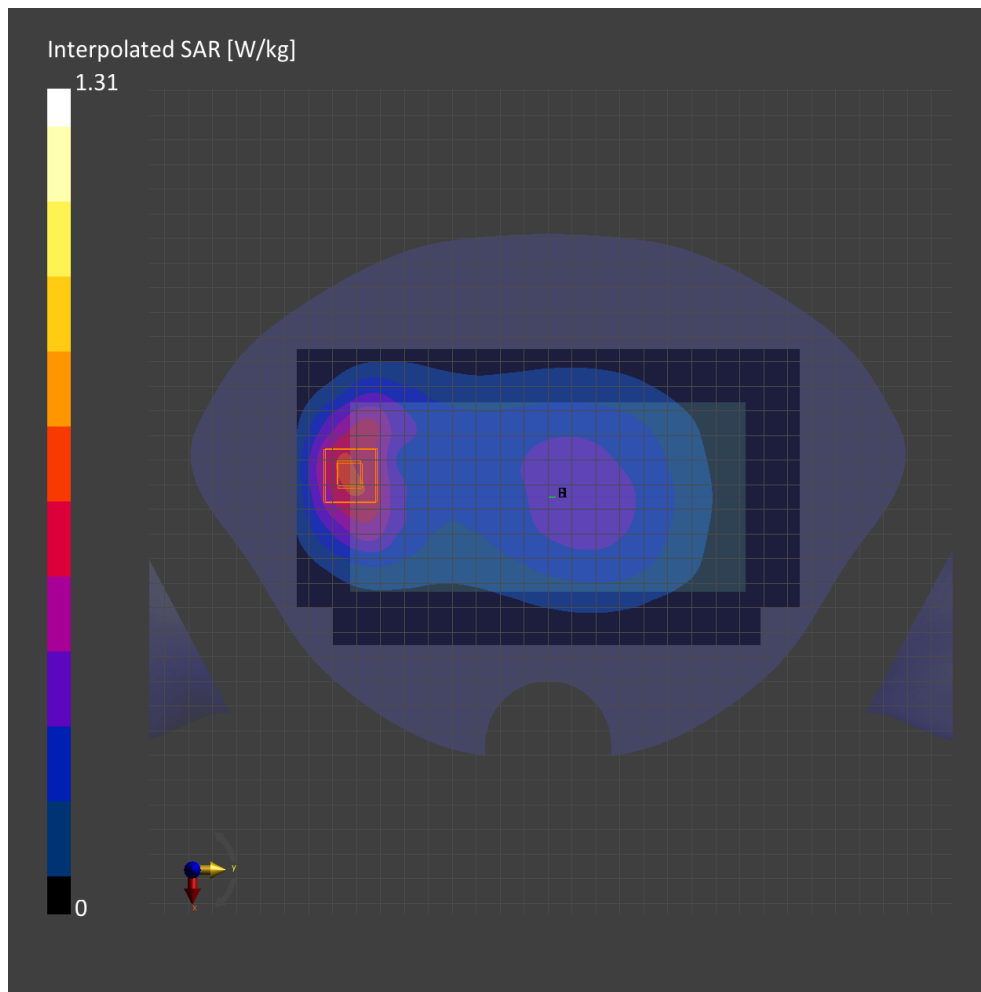
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-06	2022-10-06
psSAR1g [W/kg]	0.596	0.683
psSAR10g [W/kg]	0.399	0.388
Power Drift [dB]		-0.00



Measurement Report for Device, Left Touch, GSM 1900, UID 10024 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	Left Touch, 0.00	GSM 1900	GSM, 10024-DAC	1880.0, 661	8.02	1.41	38.3

Hardware Setup

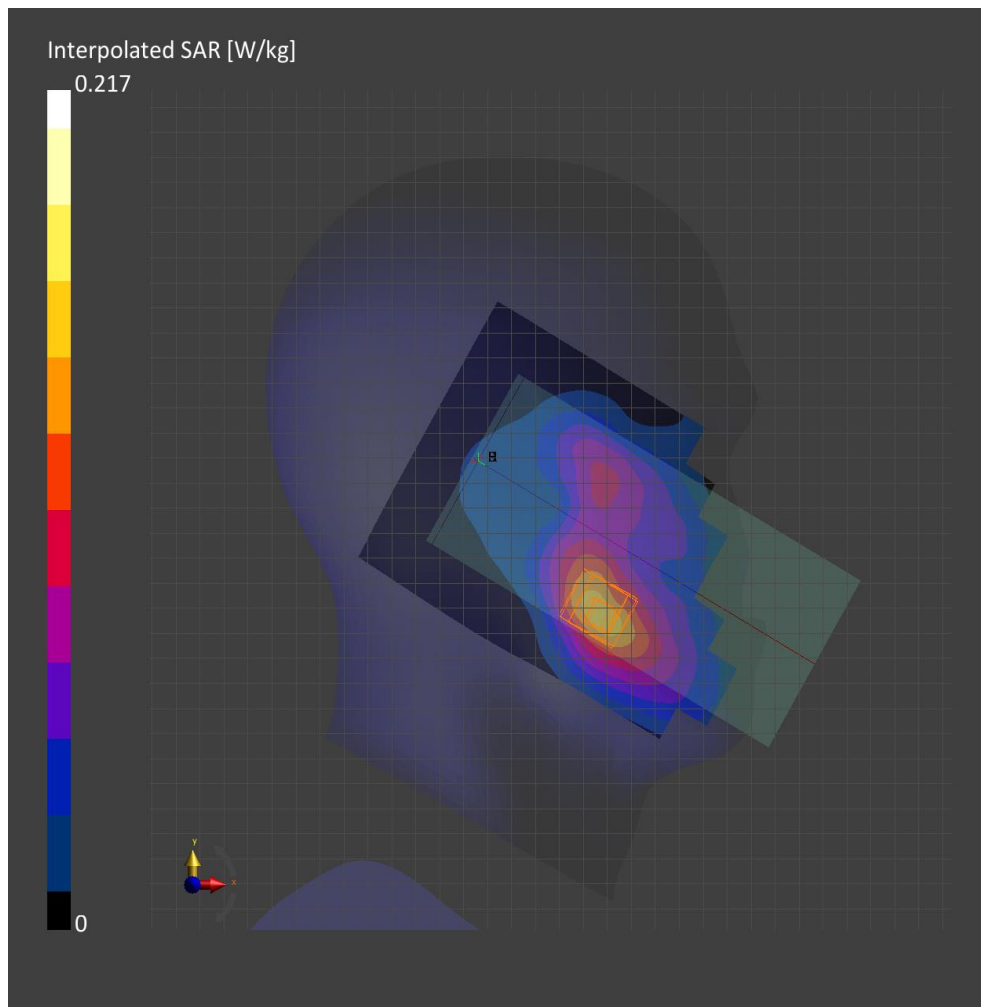
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-19	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

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	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.129	0.137
psSAR10g [W/kg]	0.077	0.086
Power Drift [dB]		0.06



Measurement Report for Device, Rear, GSM 1900, UID 10024 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	Rear, 15.00	GSM 1900	GSM, 10024-DAC	1880.0, 661	8.51	1.41	39.8

Hardware Setup

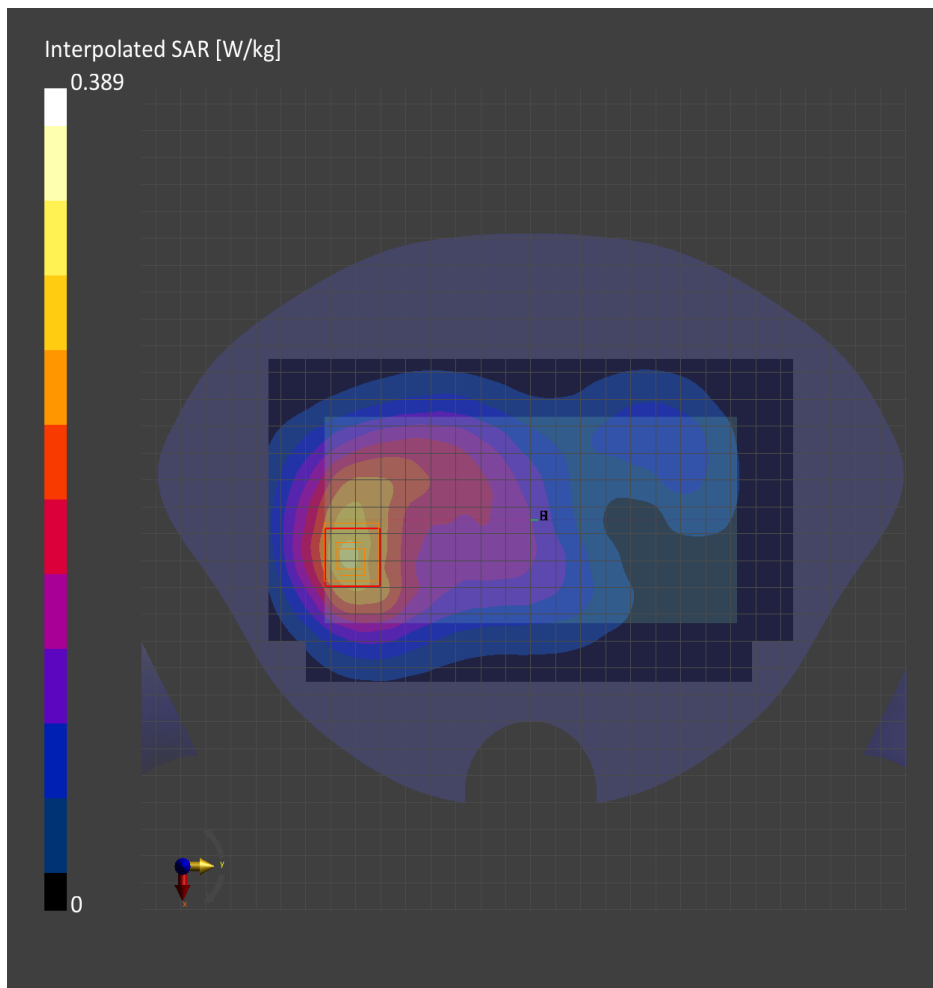
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-18	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1494, 2022-07-18

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	2022-10-18	2022-10-18
psSAR1g [W/kg]	0.249	0.241
psSAR10g [W/kg]	0.151	0.146
Power Drift [dB]		-0.13



Measurement Report for Device, Rear, GSM 1900, UID 10028 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	Rear, 10.00	GSM 1900	GSM, 10028-DAC	1880.0, 661	8.51	1.41	39.8

Hardware Setup

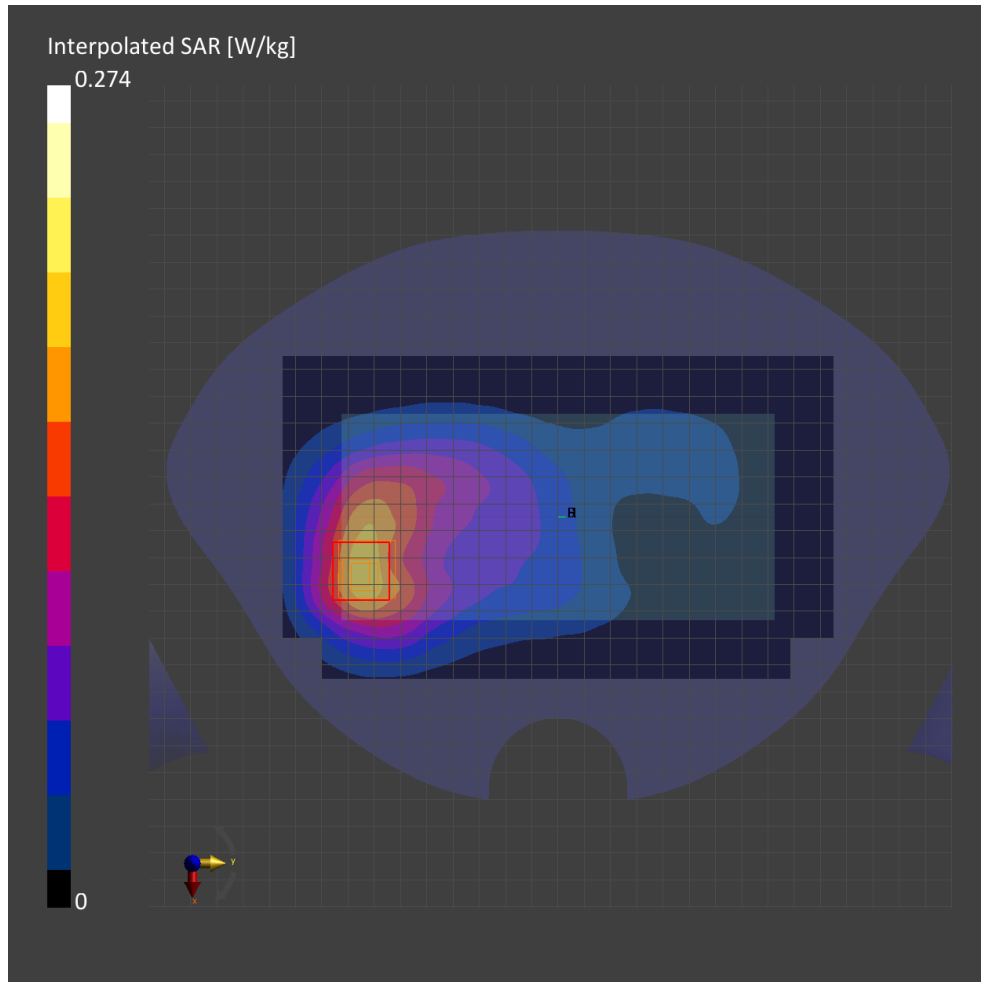
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-18	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1494, 2022-07-18

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	2022-10-18	2022-10-18
psSAR1g [W/kg]	0.167	0.166
psSAR10g [W/kg]	0.101	0.097
Power Drift [dB]		-0.02



Measurement Report for Device, Edge 3, GSM 1900, UID 10028 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	EDGE 3, 10.00	GSM 1900	GSM, 10028-DAC	1880.0, 661	8.51	1.41	39.8

Hardware Setup

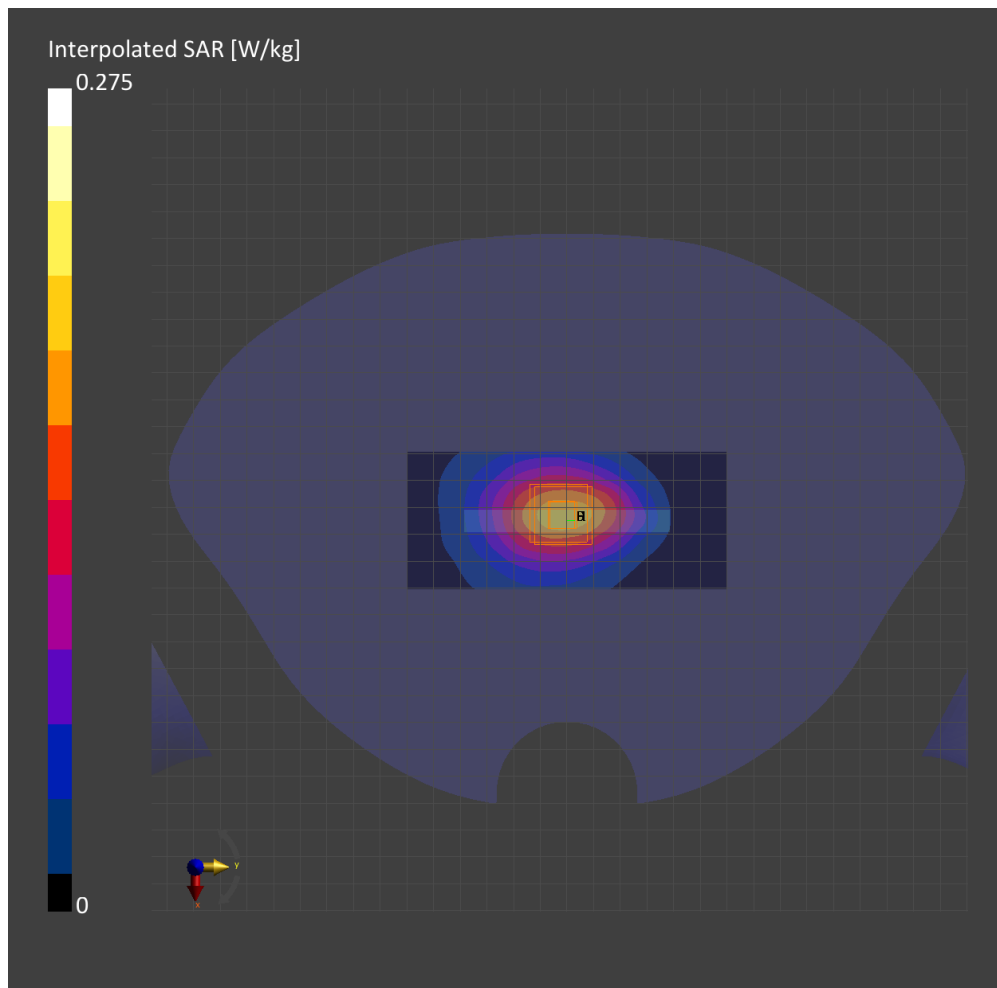
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-18	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1494, 2022-07-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.18 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.53 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	2022-10-18	2022-10-18
psSAR1g [W/kg]	0.166	0.166
psSAR10g [W/kg]	0.098	0.095
Power Drift [dB]		-0.02



Measurement Report for Device, Left 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	Left Touch, 0.00	Band 2, UTRA/FDD	WCDMA, 10011-CAB	1880.0, 9400	8.51	1.41	39.8

Hardware Setup

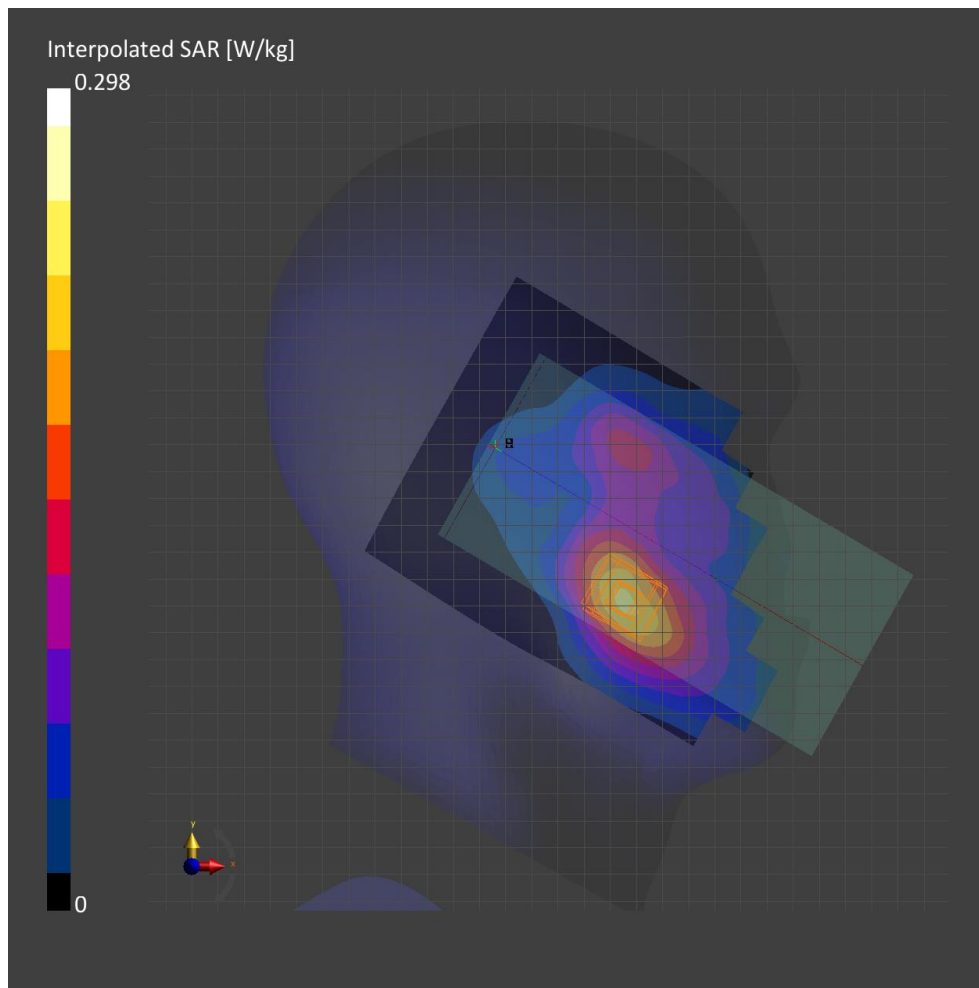
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-18	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1494, 2022-07-18

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	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.189	0.195
psSAR10g [W/kg]	0.113	0.119
Power Drift [dB]		-0.04



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	Rear, 15.00	Band 2, UTRA/FDD	WCDMA, 10011-CAB	1880.0, 9400	8.51	1.41	39.8

Hardware Setup

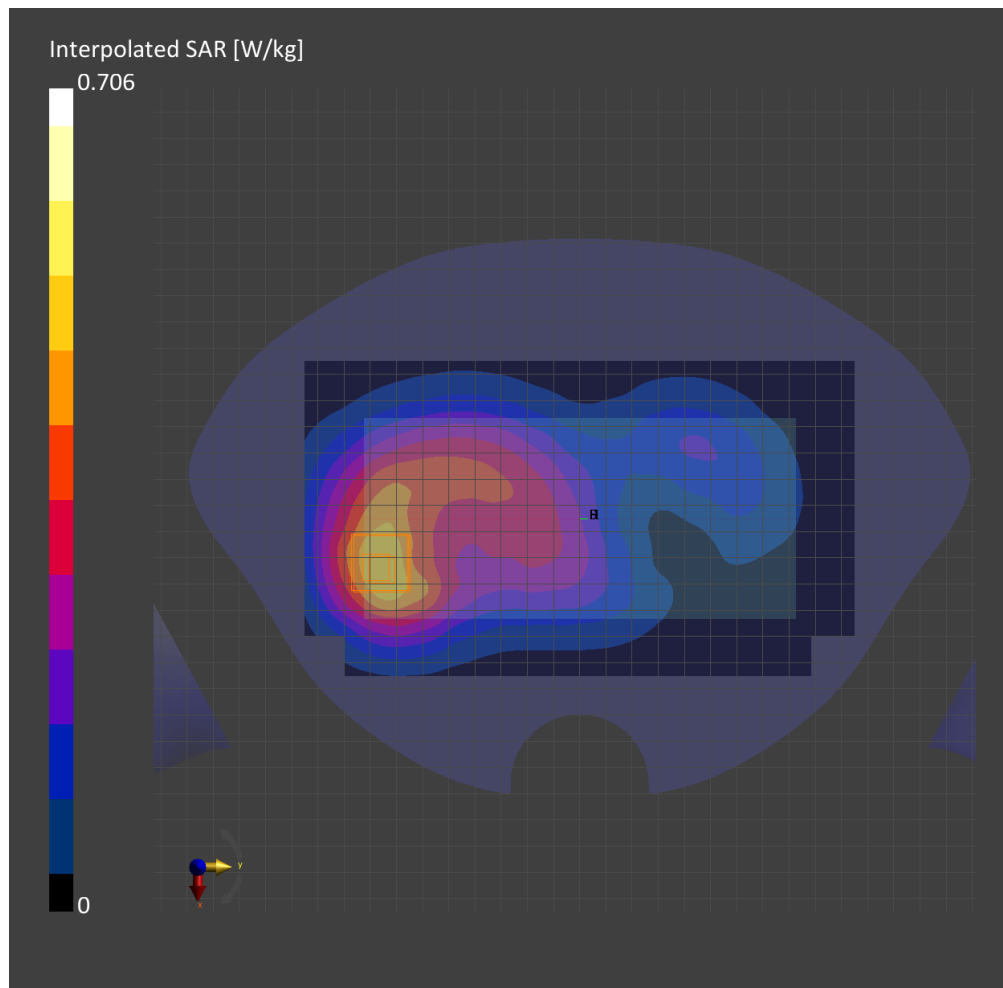
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-18	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1494, 2022-07-18

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	2022-10-18	2022-10-18
psSAR1g [W/kg]	0.442	0.438
psSAR10g [W/kg]	0.271	0.261
Power Drift [dB]		-0.01



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	Rear, 10.00	Band 2, UTRA/FDD	WCDMA, 10011-CAB	1880.0, 9400	8.51	1.41	39.8

Hardware Setup

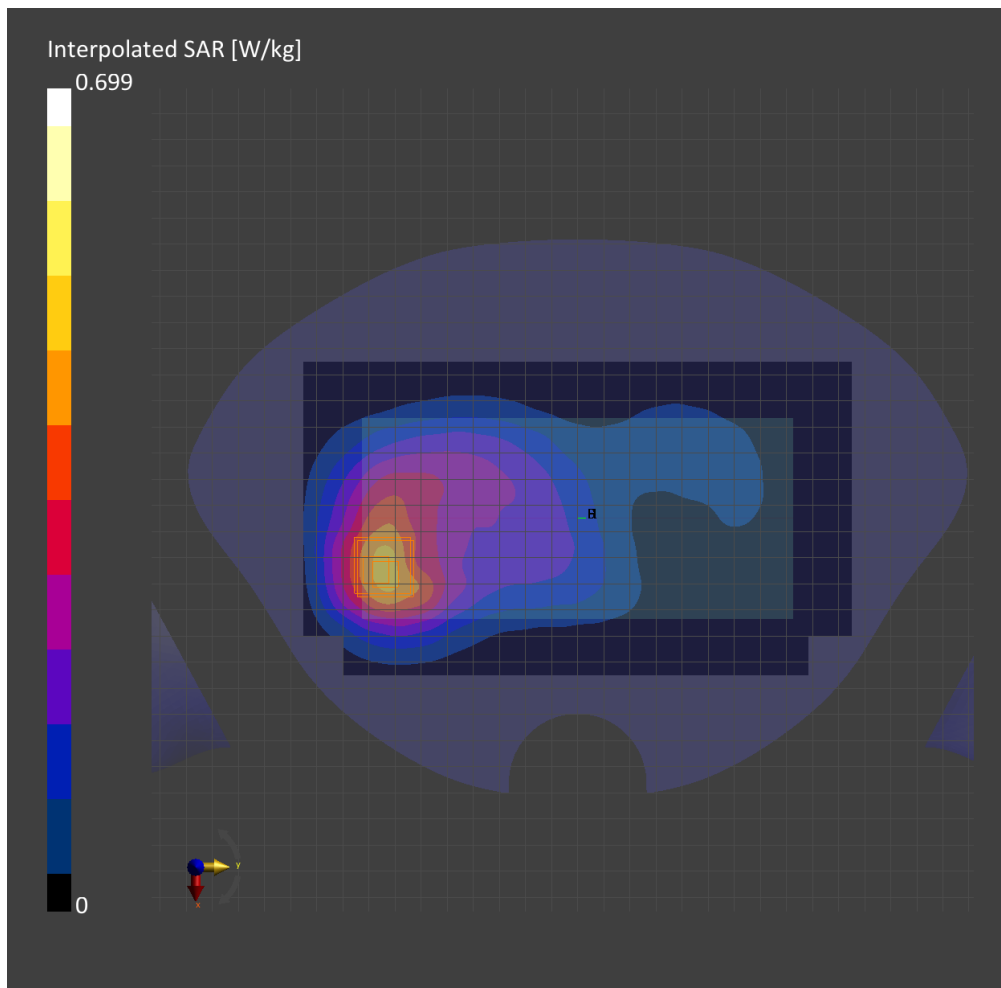
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-18	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1494, 2022-07-18

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	2022-10-18	2022-10-18
psSAR1g [W/kg]	0.411	0.420
psSAR10g [W/kg]	0.247	0.240
Power Drift [dB]		-0.02



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	Right Touch, 0.00	Band 5, UTRA/FDD	WCDMA, 10457-AAA	836.6, 4183	10.0	0.899	40.6

Hardware Setup

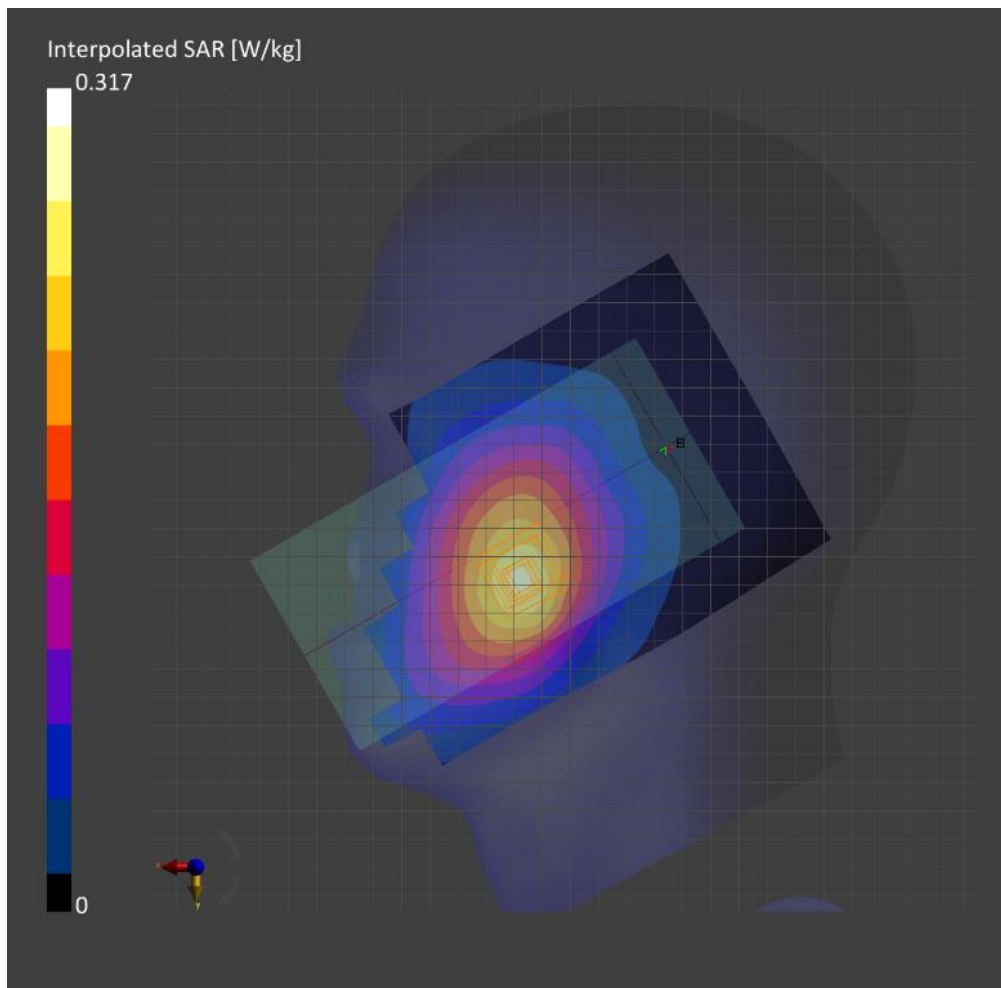
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-06	2022-10-06
psSAR1g [W/kg]	0.235	0.239
psSAR10g [W/kg]	0.159	0.180
Power Drift [dB]		-0.04



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	Rear, 15.00	Band 5, UTRA/FDD	WCDMA, 10457-AAA	836.6, 4183	10.0	0.899	40.6

Hardware Setup

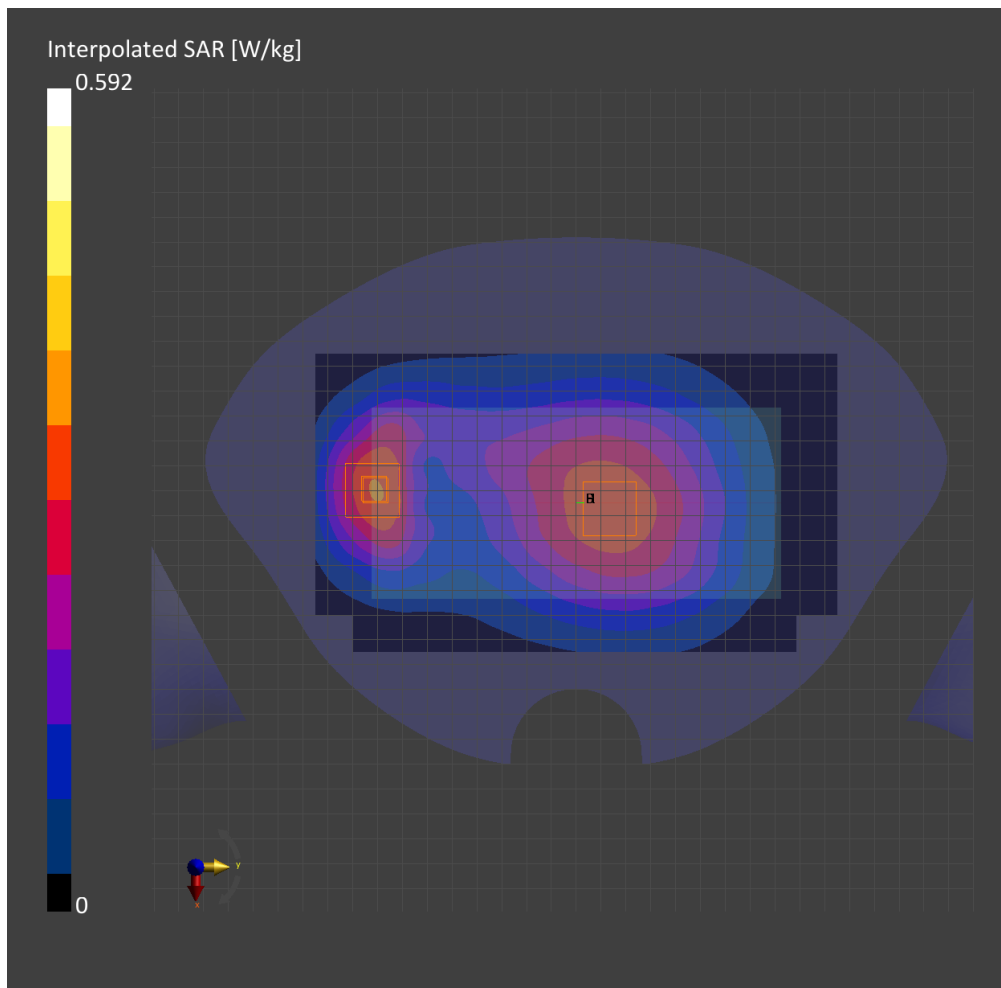
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Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-06	2022-10-06
psSAR1g [W/kg]	0.308	0.335
psSAR10g [W/kg]	0.207	0.199
Power Drift [dB]		-0.01



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	Rear, 10.00	Band 5, UTRA/FDD	WCDMA, 10457-AAA	836.6, 4183	10.0	0.899	40.6

Hardware Setup

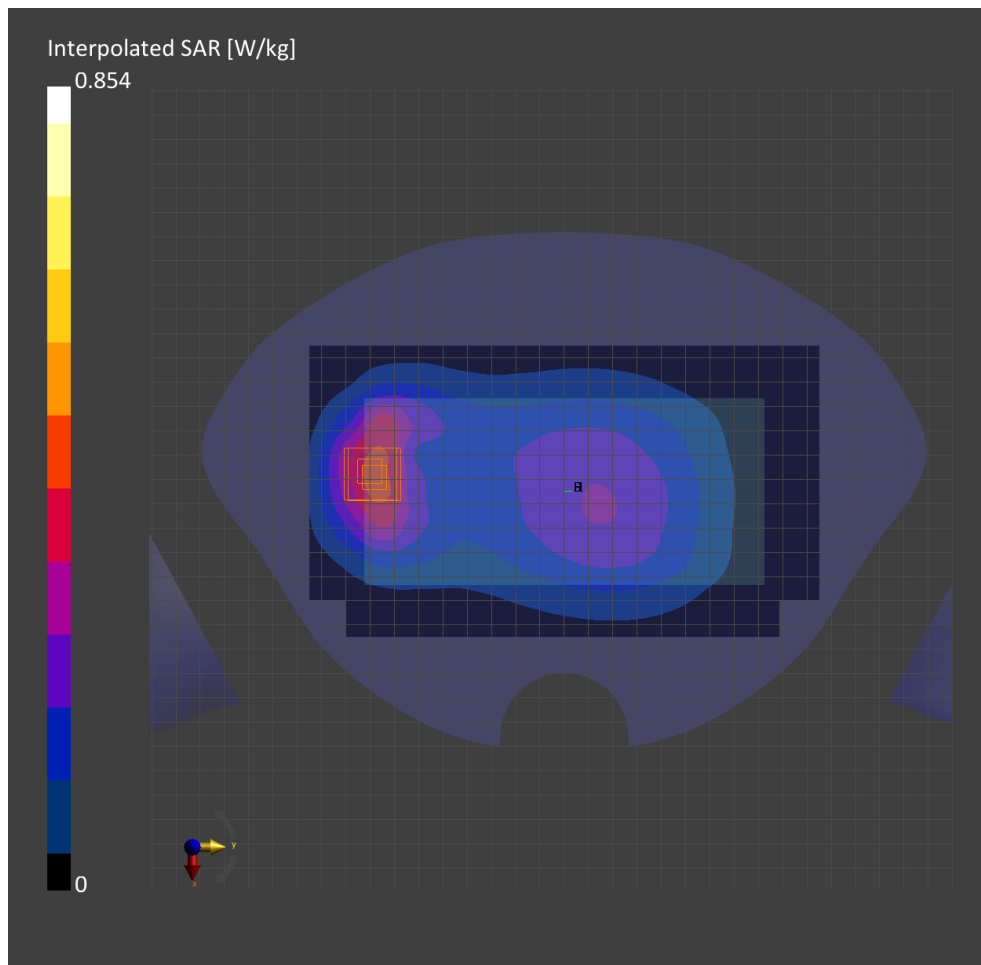
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Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-06	2022-10-06
psSAR1g [W/kg]	0.397	0.437
psSAR10g [W/kg]	0.262	0.249
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	Left Touch, 0.00	Band 2, E-UTRA/FDD	LTE-FDD, 10169-CAE	1900.0, 19100	8.02	1.41	41.2

Hardware Setup

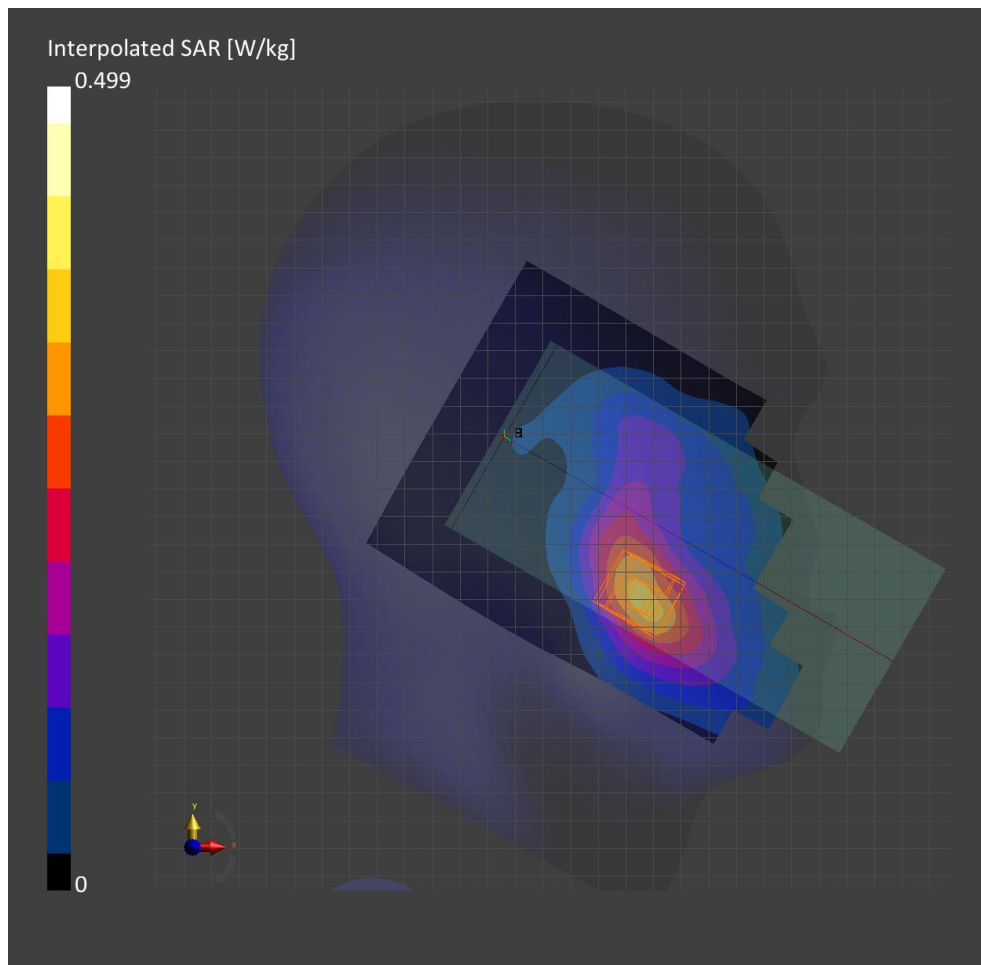
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

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	2022-10-26	2022-10-26
psSAR1g [W/kg]	0.288	0.299
psSAR10g [W/kg]	0.170	0.178
Power Drift [dB]		-0.07



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	Rear, 15.00	Band 2, E-UTRA/FDD	LTE-FDD, 10169-CAE	1900.0, 19100	8.02	1.41	41.2

Hardware Setup

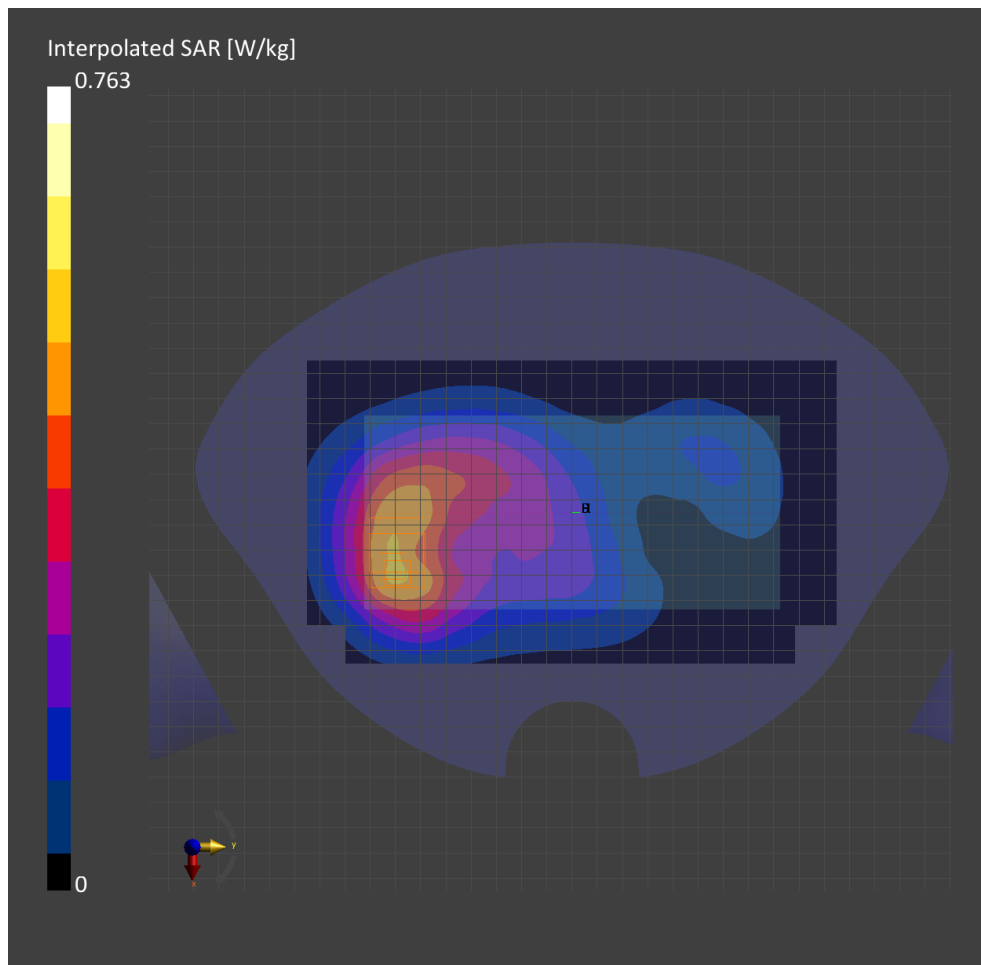
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

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	2022-10-26	2022-10-26
psSAR1g [W/kg]	0.440	0.442
psSAR10g [W/kg]	0.270	0.268
Power Drift [dB]		-0.01



Measurement Report for Device, Edge 3, 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	Edge 3, 10.00	Band 2, E-UTRA/FDD	LTE-FDD, 10297-AAD	1900.0, 19100	8.02	1.41	41.2

Hardware Setup

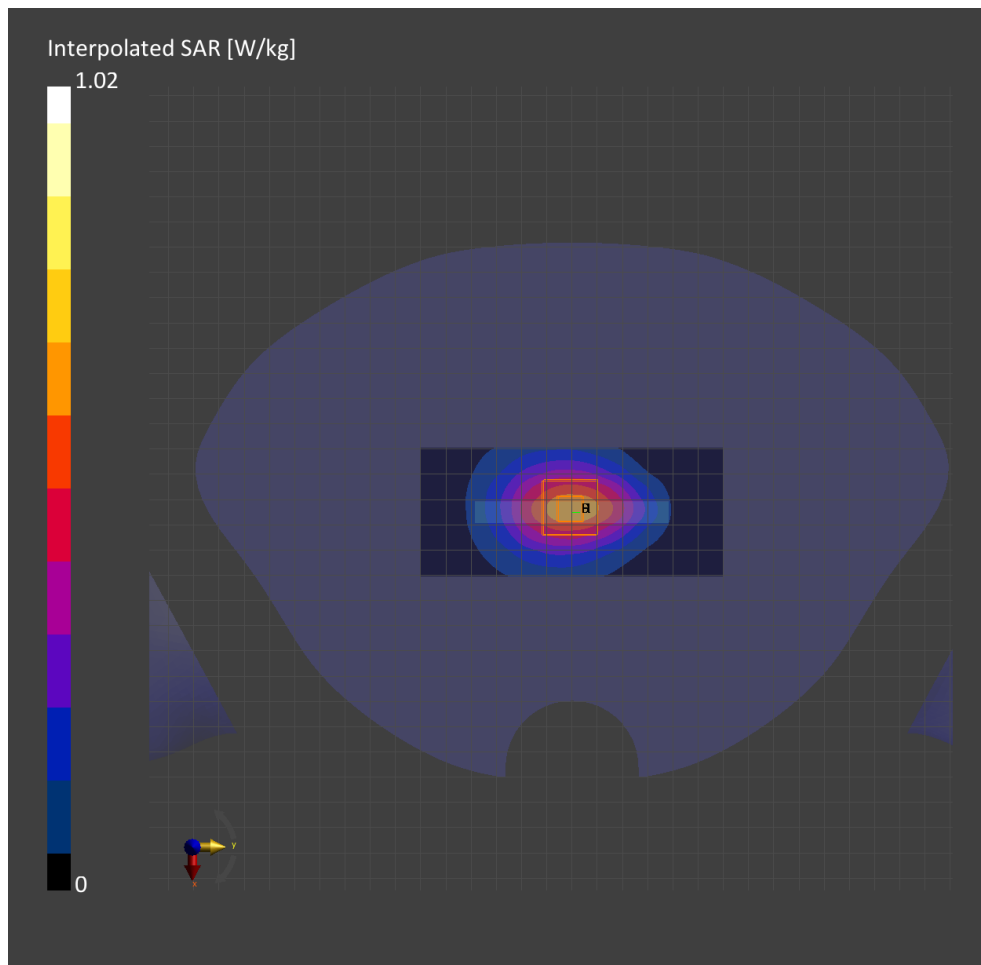
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Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.18 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.53 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	2022-10-26	2022-10-26
psSAR1g [W/kg]	0.545	0.556
psSAR10g [W/kg]	0.315	0.312
Power Drift [dB]		-0.02



Measurement Report for Device, Edge 3, 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	Edge 3, 0.00	Band 2, E-UTRA/FDD	LTE-FDD, 10169-CAE	1900.0, 19100	8.02	1.41	41.2

Hardware Setup

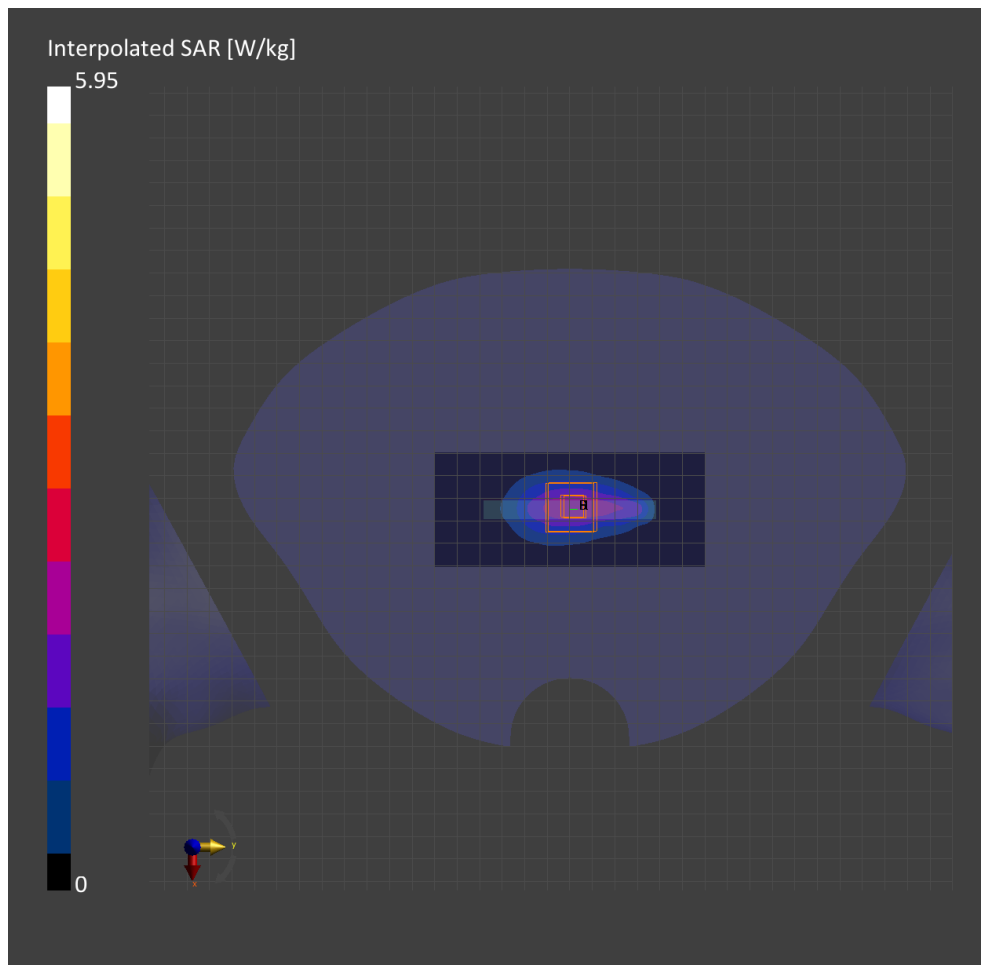
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.18 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.53 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	2022-10-26	2022-10-26
psSAR1g [W/kg]	1.95	1.92
psSAR10g [W/kg]	1.02	0.967
Power Drift [dB]		-0.05



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	Right Touch, 0.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	10.0	0.899	40.6

Hardware Setup

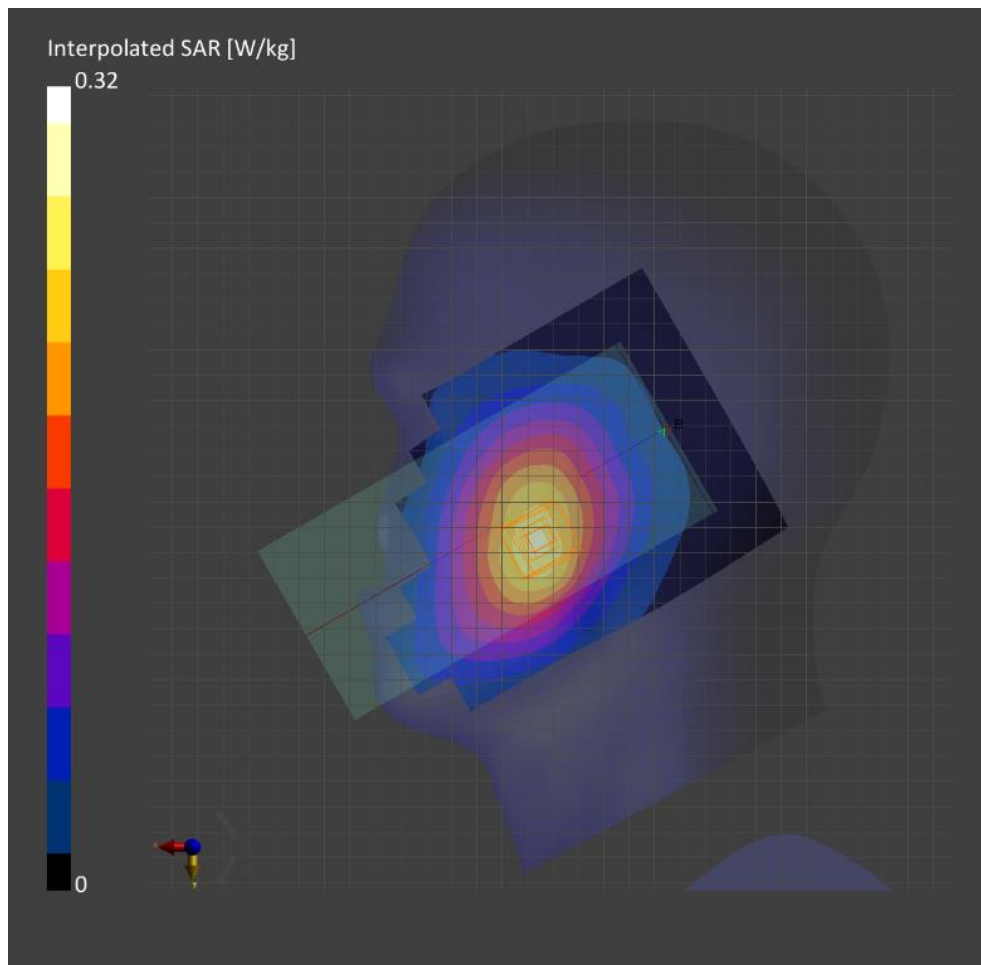
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-05	2022-10-05
psSAR1g [W/kg]	0.237	0.244
psSAR10g [W/kg]	0.161	0.183
Power Drift [dB]		-0.06



Measurement Report for Device, Front, 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	Front, 15.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	10.0	0.899	40.6

Hardware Setup

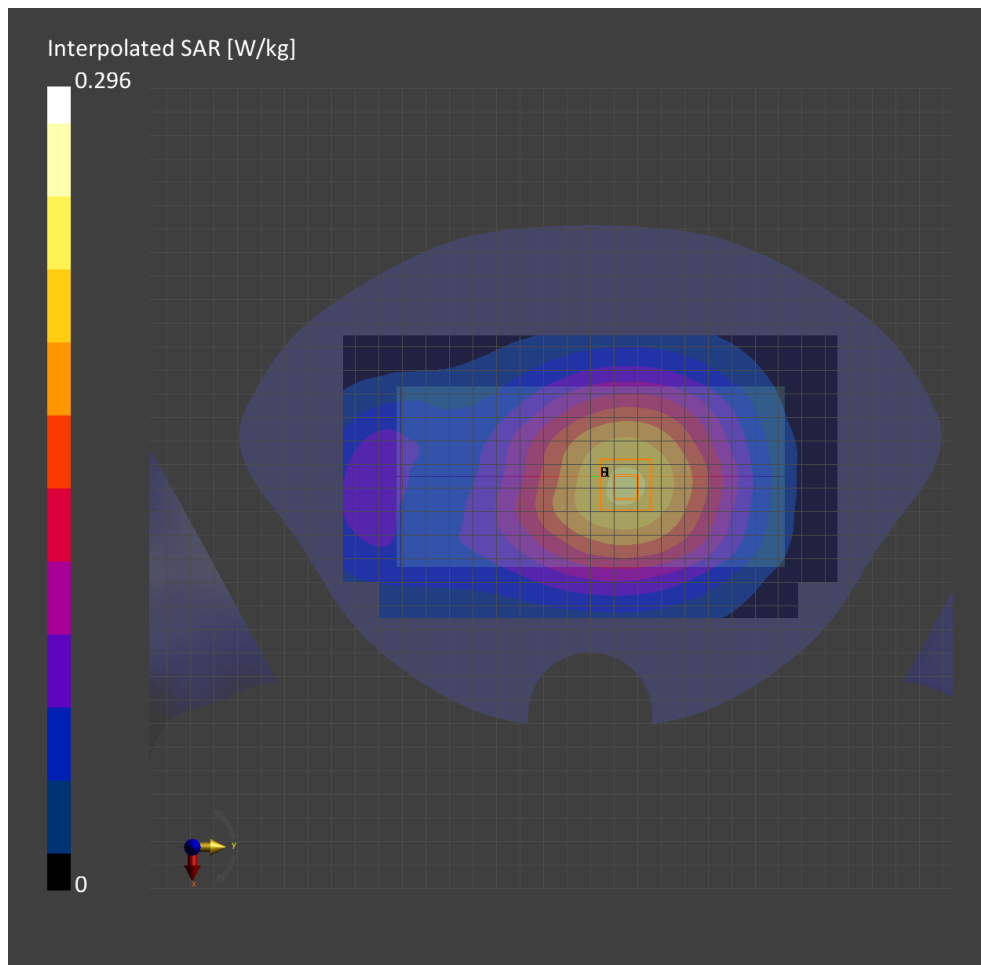
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-05	2022-10-05
psSAR1g [W/kg]	0.200	0.214
psSAR10g [W/kg]	0.142	0.162
Power Drift [dB]		0.01



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	Rear, 10.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	10.0	0.899	40.6

Hardware Setup

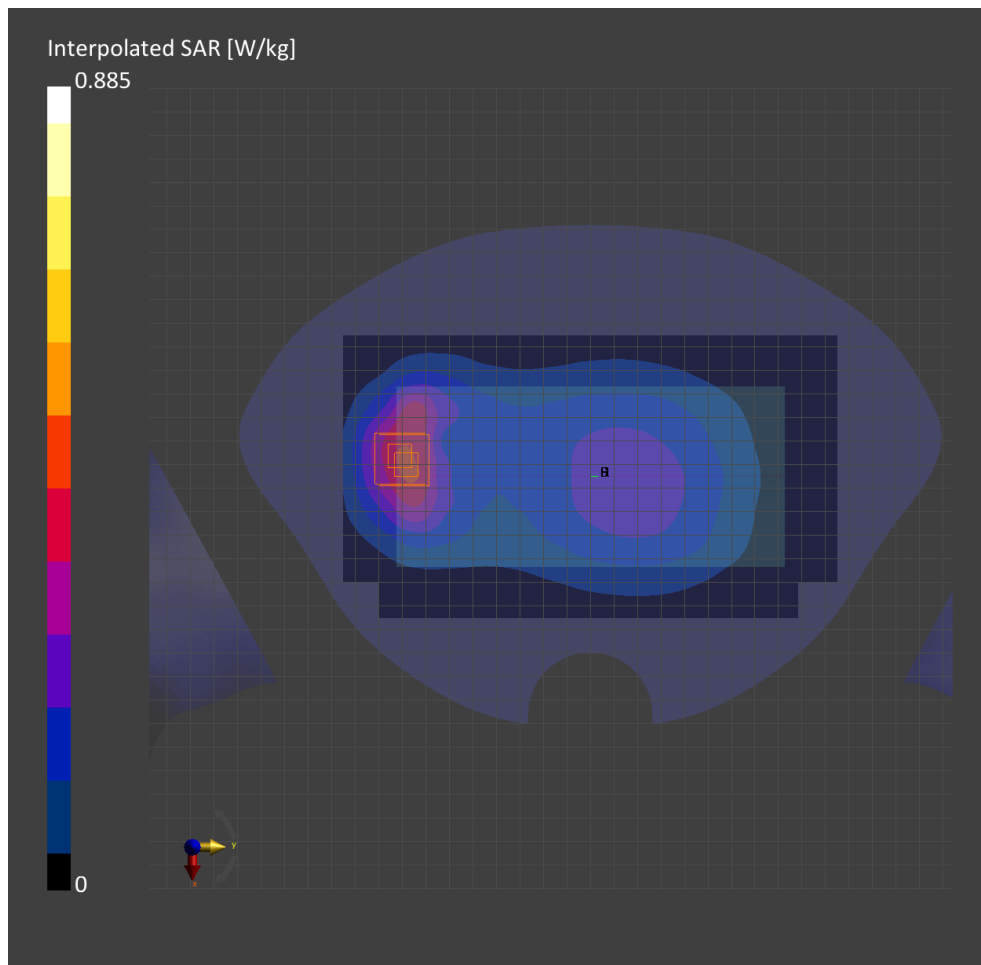
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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]		1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-05	2022-10-05
psSAR1g [W/kg]	0.401	0.446
psSAR10g [W/kg]	0.264	0.252
Power Drift [dB]		-0.00



LTE Band 7

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 38.935$; $\rho = 1000$ 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 Sn1667; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.85, 7.85) @ 2560 MHz; Calibrated: 2022-01-28
- 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 RB 1/99 ch.21350/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.547 W/kg

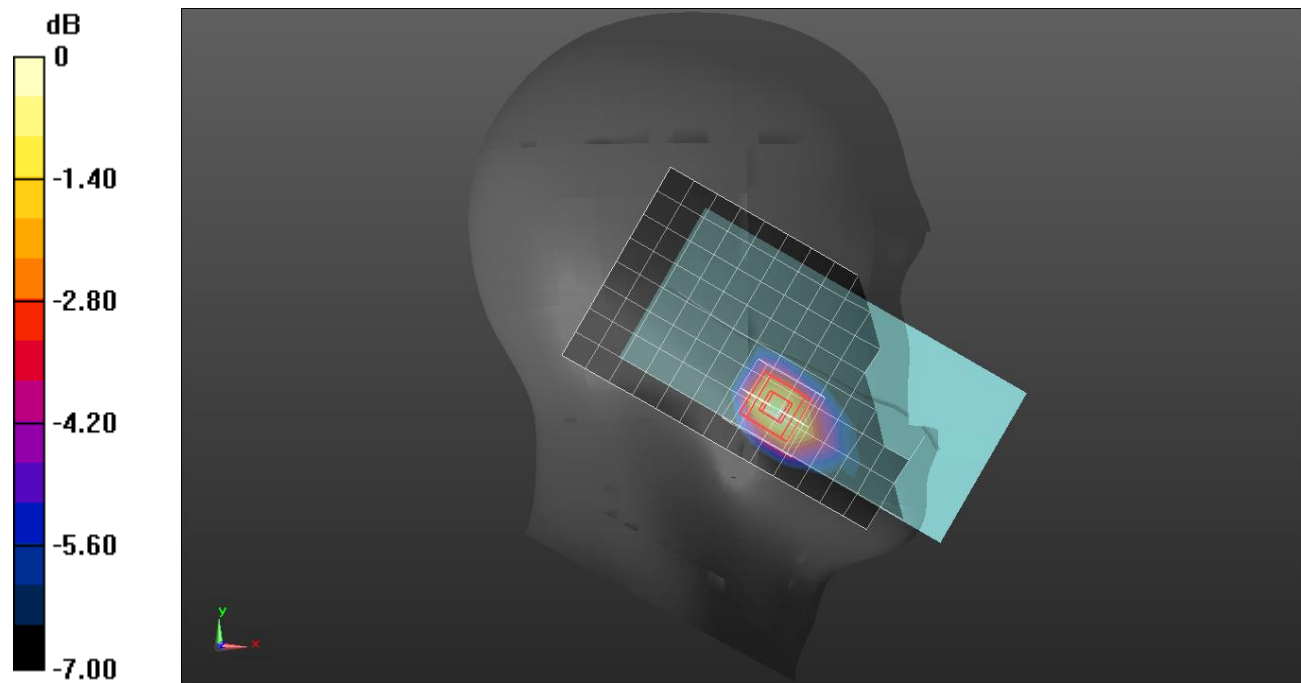
LHS/Touch QPSK RB 1/99 ch.21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.07 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.539 W/kg = -2.68 dBW/kg

LTE Band 7

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 38.935$; $\rho = 1000$ 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 Sn1667; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.85, 7.85) @ 2560 MHz; Calibrated: 2022-01-28
- 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.21350/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.609 W/kg

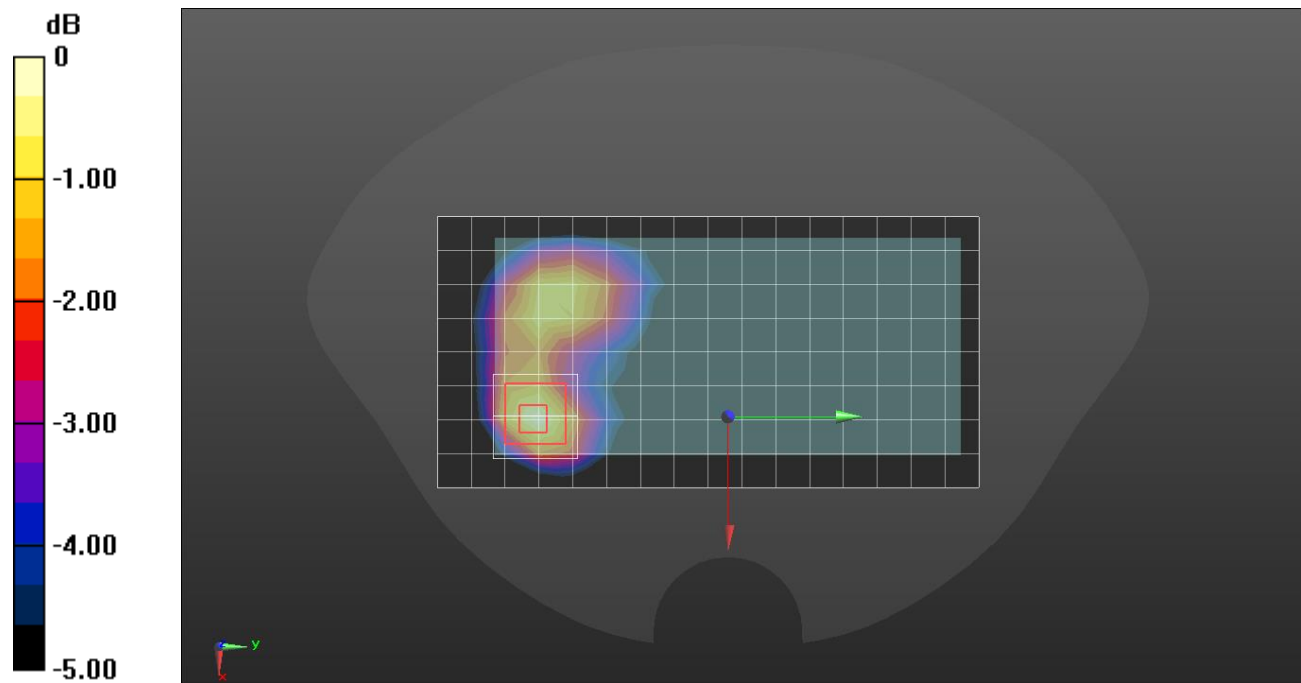
Rear/QPSK RB 1/99 ch.21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.39 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

LTE Band 7

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 38.935$; $\rho = 1000$ 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 Sn1667; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.85, 7.85) @ 2560 MHz; Calibrated: 2022-01-28
- 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 100/0 ch.21350/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.14 W/kg

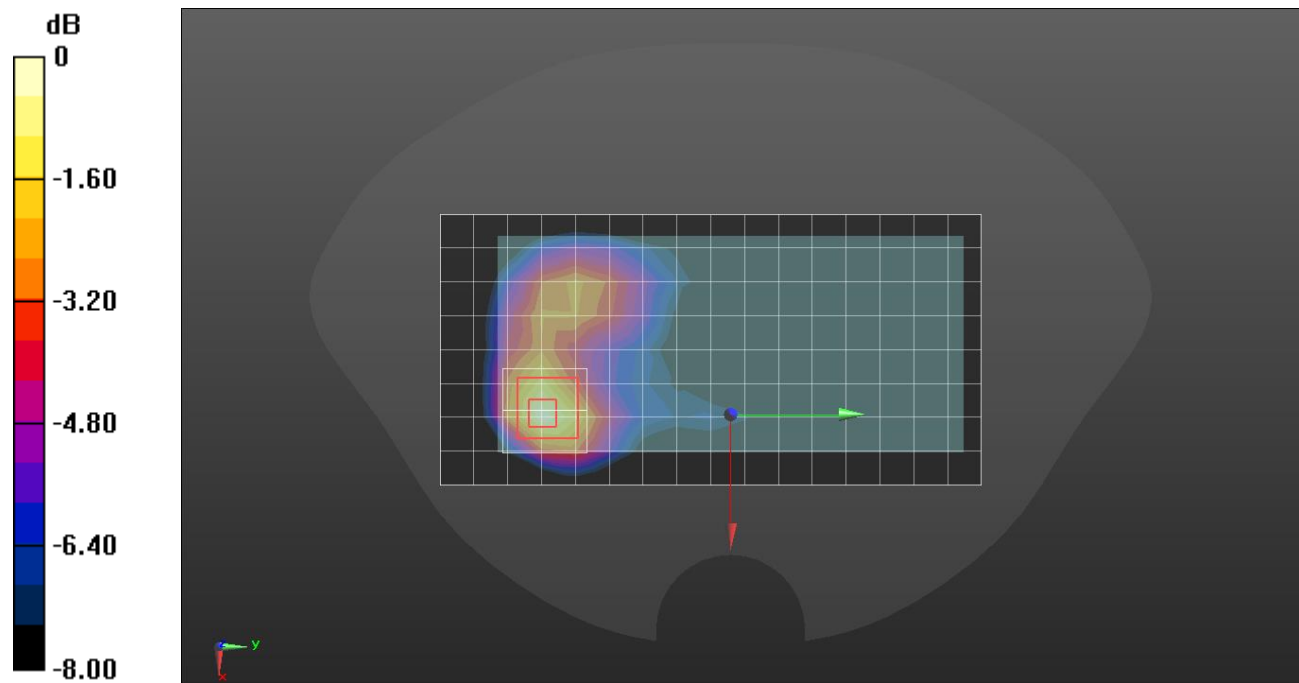
Rear/QPSK RB 100/0 ch.21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.38 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.348 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

LTE Band 7

Frequency: 2510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 40.297$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1668; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7646; ConvF(8.16, 8.16, 8.16) @ 2510 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

Rear/QPSK RB 1/99 ch.20850/Area Scan (9x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 6.66 W/kg

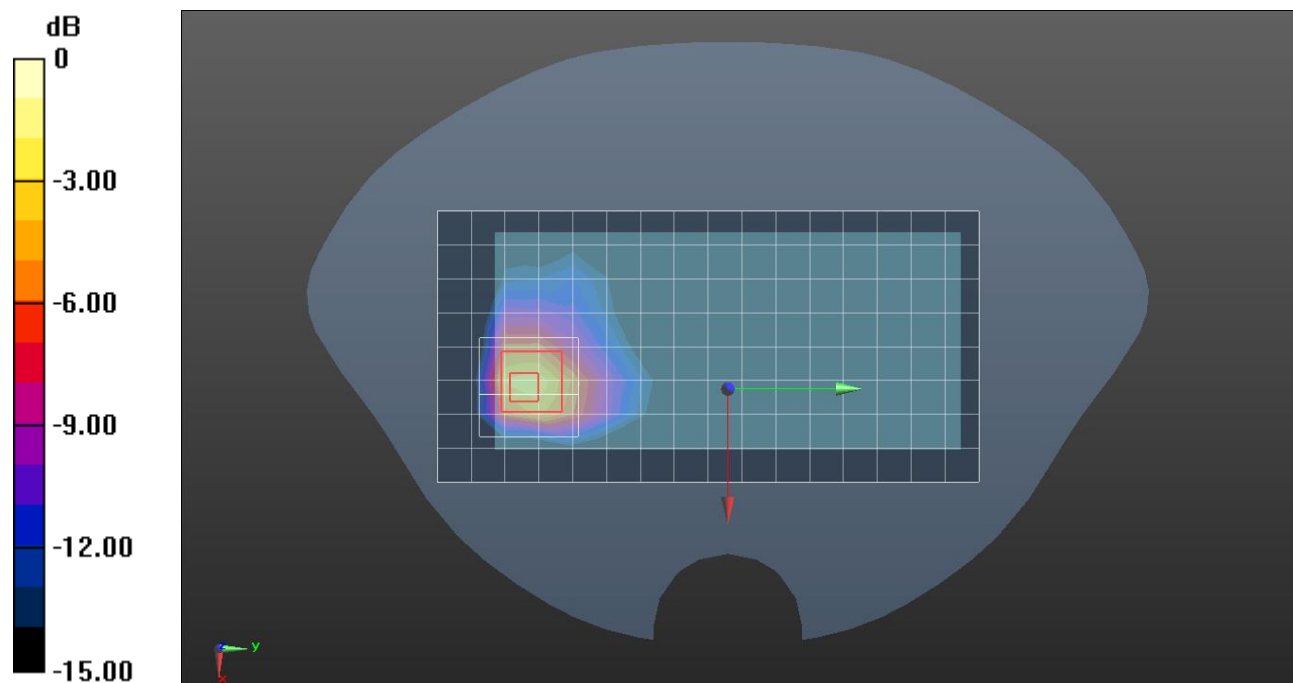
Rear/QPSK RB 1/99 ch.20850/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 55.87 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 5.41 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

Measurement Report for Device, Right Touch, 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
Right Head, HSL	Right Touch, 0.00	Band 12, E-UTRA/FDD	LTE-FDD, 10175-CAG	707.5, 23095	10.23	0.889	40.9

Hardware Setup

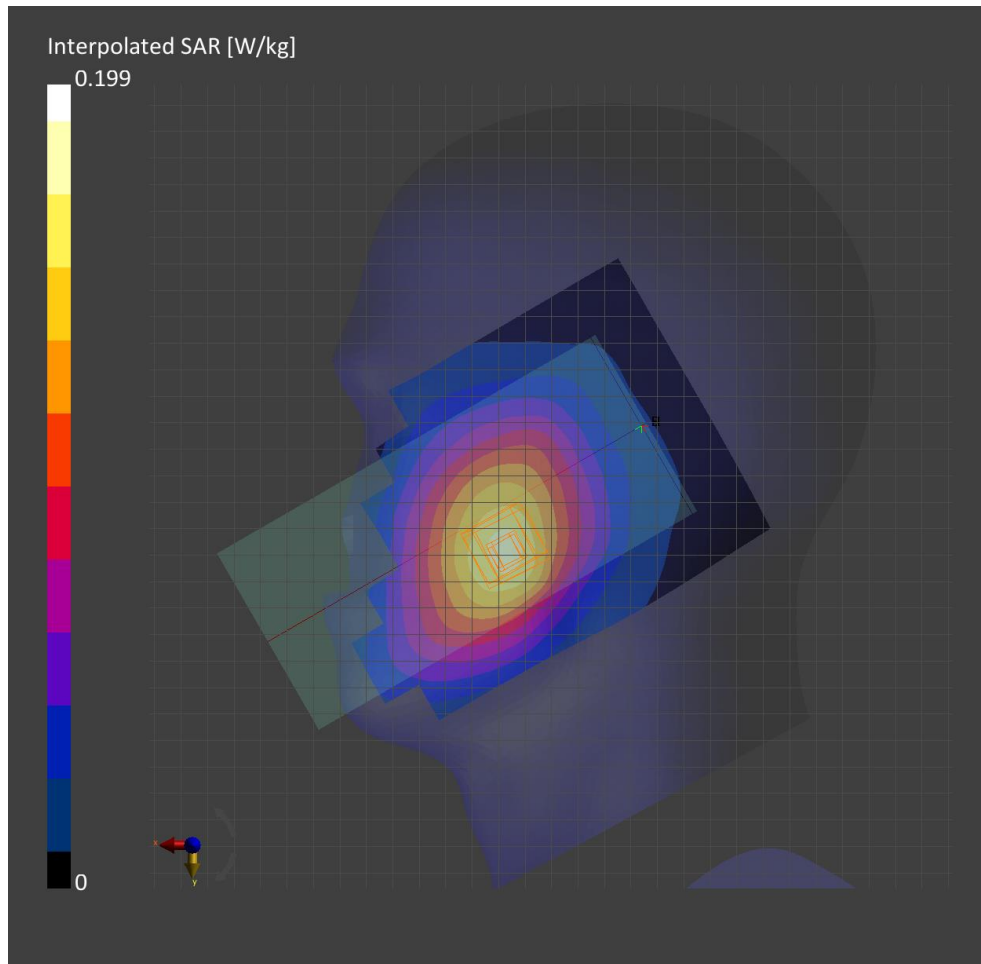
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-04	2022-10-04
psSAR1g [W/kg]	0.152	0.153
psSAR10g [W/kg]	0.106	0.118
Power Drift [dB]		-0.09



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	Rear, 15.00	Band 12, E-UTRA/FDD	LTE-FDD, 10175-CAG	707.5, 23095	10.23	0.895	40.3

Hardware Setup

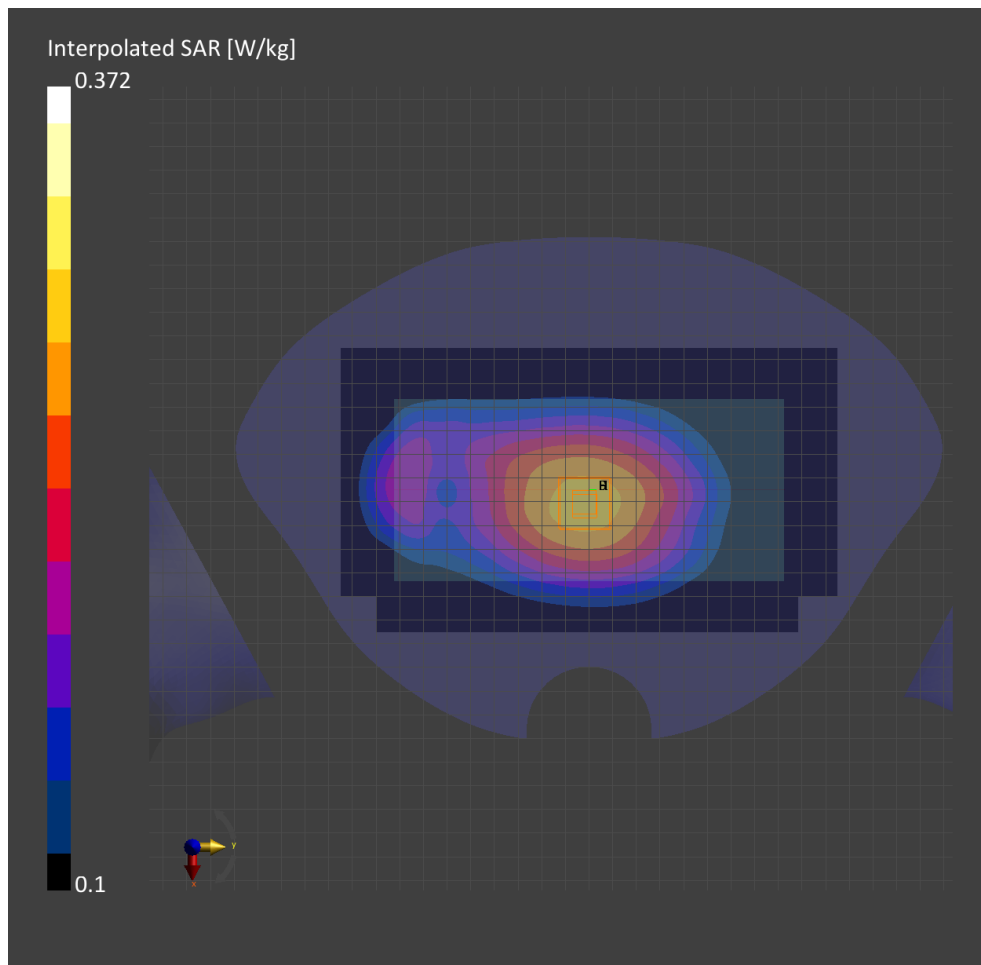
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Sep-28	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-09-29	2022-09-29
psSAR1g [W/kg]	0.262	0.274
psSAR10g [W/kg]	0.188	0.210
Power Drift [dB]		-0.04



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	Rear, 10.00	Band 12, E-UTRA/FDD	LTE-FDD, 10175-CAG	707.5, 23095	10.23	0.895	40.3

Hardware Setup

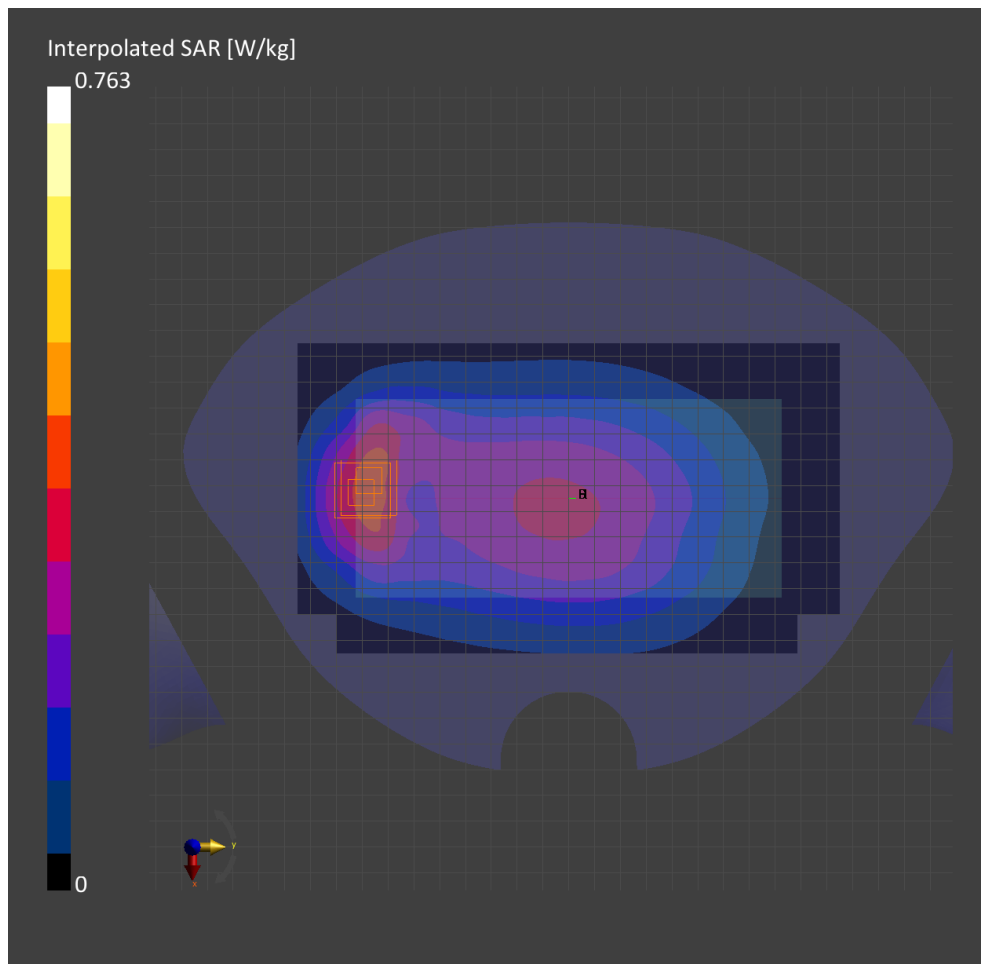
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Sep-28	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-09-29	2022-09-29
psSAR1g [W/kg]	0.360	0.392
psSAR10g [W/kg]	0.245	0.228
Power Drift [dB]		-0.04



Measurement Report for Device, Right Touch, LTE Band 13, E-UTRA/FDD, UID 10175 CAG, Channel 23230 (782.0MHz)

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	Right Touch, 0.00	Band 13, E-UTRA/FDD	LTE-FDD, 10175-CAG	782.0, 23230	10.23	0.897	41.1

Hardware Setup

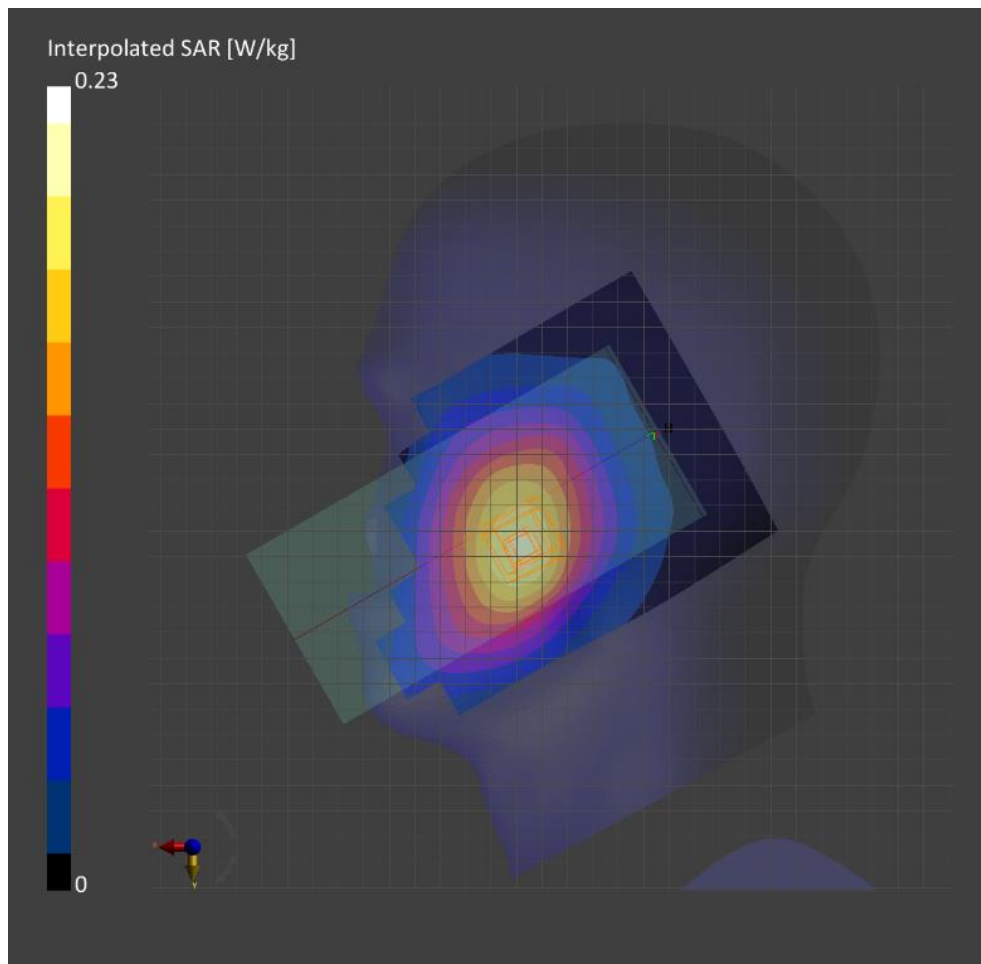
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-04	2022-10-04
psSAR1g [W/kg]	0.176	0.180
psSAR10g [W/kg]	0.121	0.139
Power Drift [dB]		-0.09



Measurement Report for Device, Rear, LTE Band 13, E-UTRA/FDD, UID 10175 CAG, Channel 23230 (782.0MHz)

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	Rear, 15.00	Band 13, E-UTRA/FDD	LTE-FDD, 10175-CAG	782.0, 23230	10.23	0.897	41.1

Hardware Setup

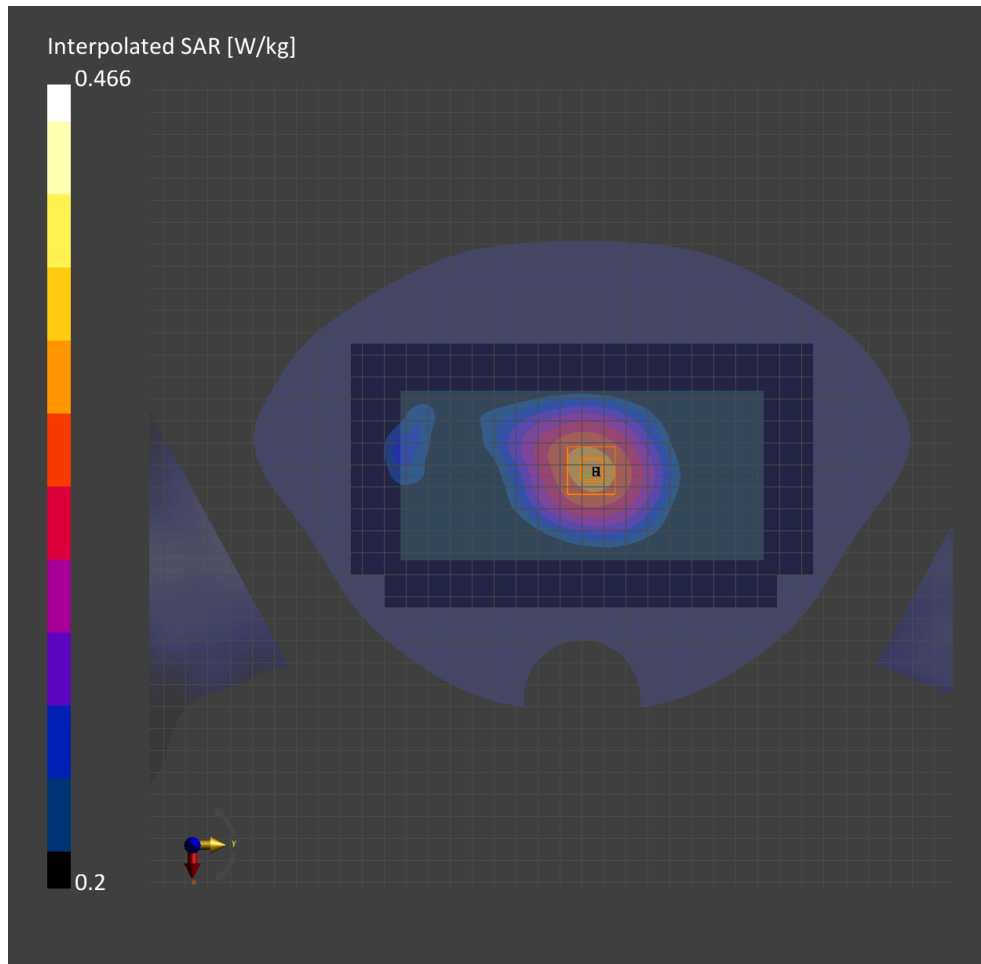
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-04	2022-10-04
psSAR1g [W/kg]	0.324	0.337
psSAR10g [W/kg]	0.231	0.256
Power Drift [dB]		-0.06



Measurement Report for Device, Rear, LTE Band 13, E-UTRA/FDD, UID 10175 CAG, Channel 23230 (782.0MHz)

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	Rear, 10.00	Band 13, E-UTRA/FDD	LTE-FDD, 10175-CAG	782.0, 23230	10.23	0.897	41.1

Hardware Setup

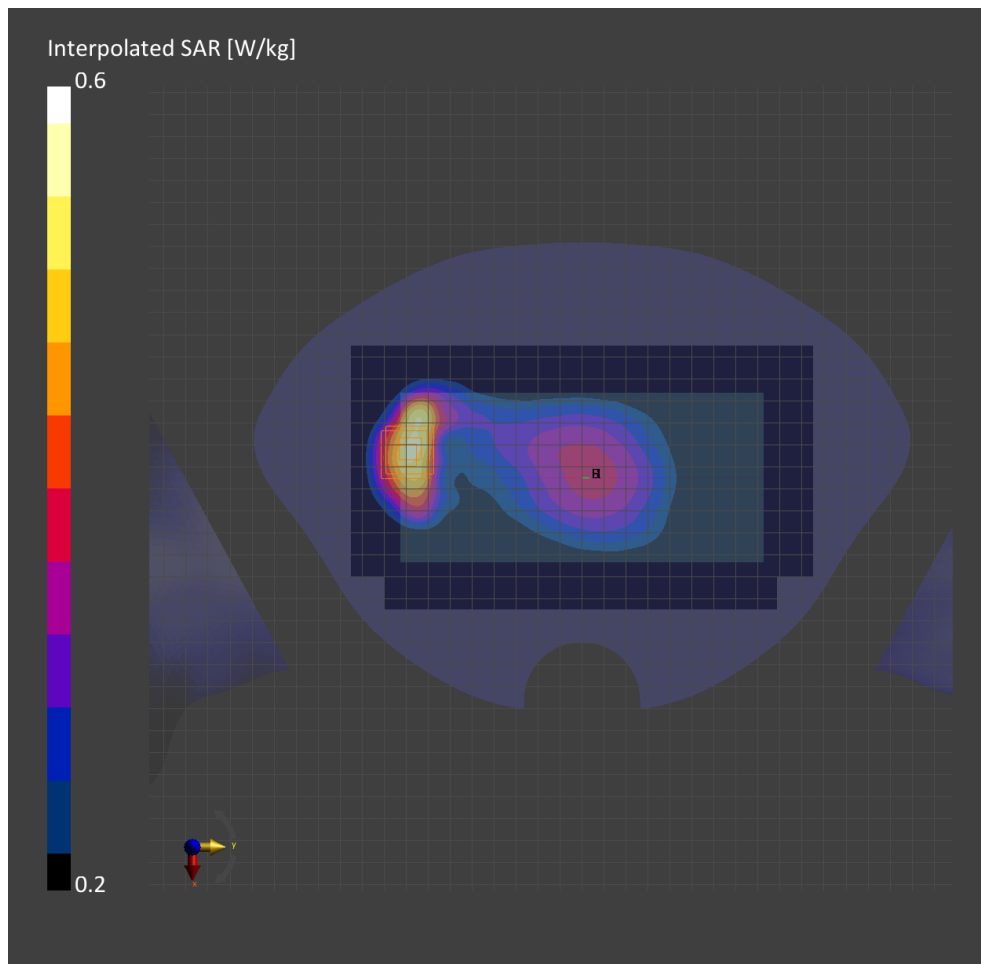
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-04	EX3DV4 - SN7651, 2022-05-30	DAE4 Sn1591, 2022-03-24

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	2022-10-05	2022-10-05
psSAR1g [W/kg]	0.477	0.529
psSAR10g [W/kg]	0.316	0.294
Power Drift [dB]		-0.02



LTE Band 48

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 2.994$ S/m; $\epsilon_r = 38.305$; $\rho = 1000$ 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 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7376; ConvF(7.05, 7.05, 7.05) @ 3646.7 MHz; Calibrated: 2022-07-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

RHS/Touch QPSK RB 50/0 ch.56207/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.456 W/kg

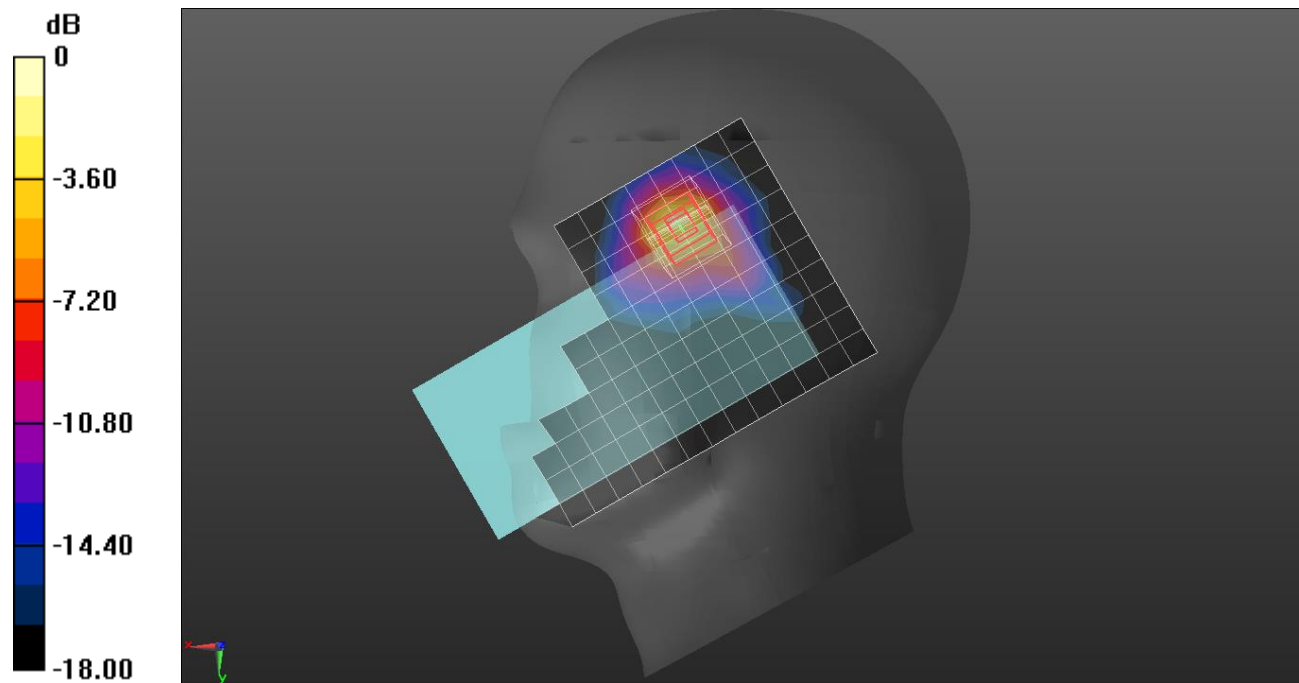
RHS/Touch QPSK RB 50/0 ch.56207/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 11.73 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

LTE Band 48

Frequency: 3646.7 MHz; Duty Cycle: 1:2.30675; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 3.05$ S/m; $\epsilon_r = 37.811$; $\rho = 1000$ 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 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7376; ConvF(7.05, 7.05, 7.05) @ 3646.7 MHz; Calibrated: 2022-07-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 50/0 ch.56207/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.330 W/kg

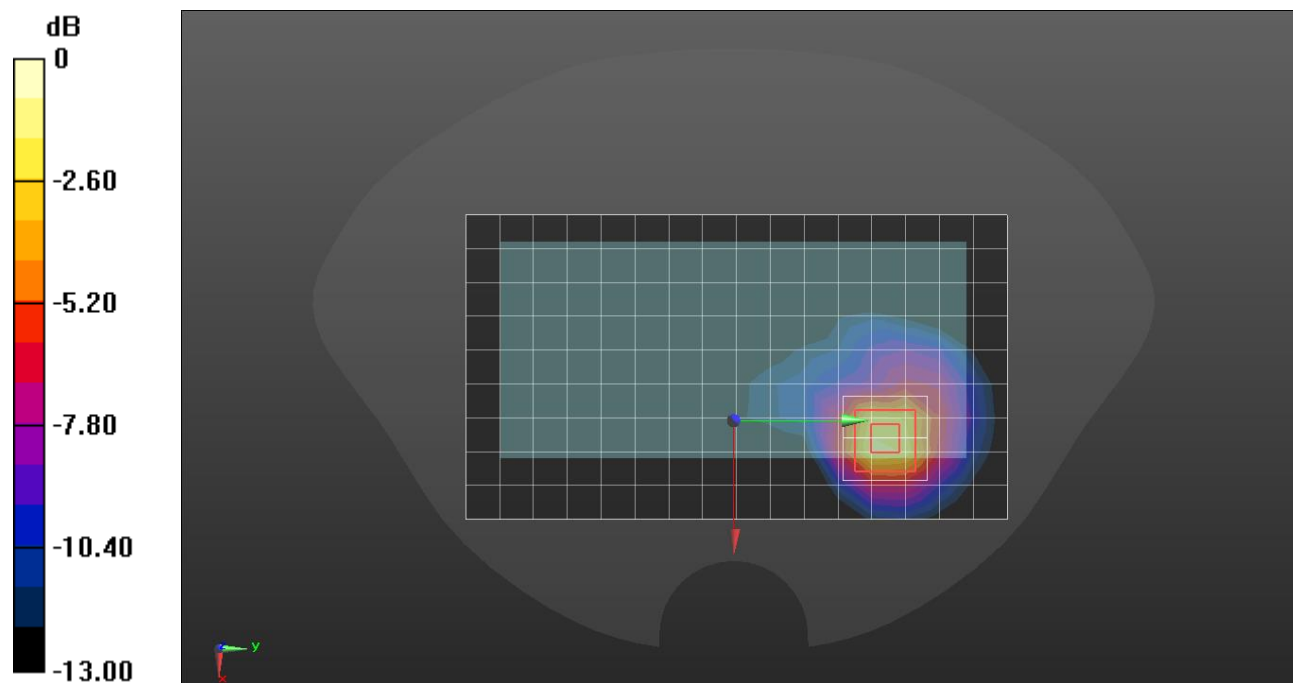
Rear/QPSK RB 50/0 ch.56207/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 9.836 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.447 W/kg = -3.50 dBW/kg

LTE Band 48

Frequency: 3646.7 MHz; Duty Cycle: 1:2.30675; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 3.05$ S/m; $\epsilon_r = 37.811$; $\rho = 1000$ 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 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7376; ConvF(7.05, 7.05, 7.05) @ 3646.7 MHz; Calibrated: 2022-07-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 4/QPSK RB 1/0 ch.56207/Area Scan (17x5x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.802 W/kg

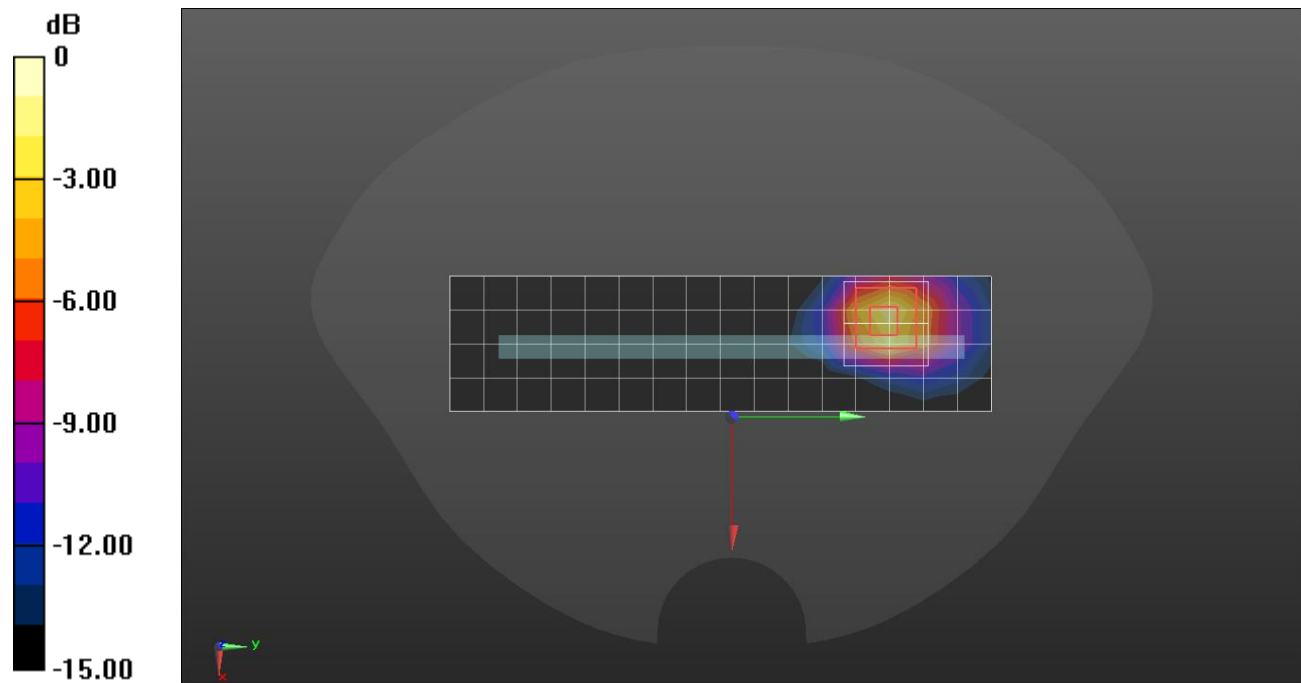
Edge 4/QPSK RB 1/0 ch.56207/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 17.47 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

LTE Band 66

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.635$; $\rho = 1000$ 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 Sn1468; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7652; ConvF(9.14, 9.14, 9.14) @ 1720 MHz; Calibrated: 2022-04-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

RHS/Touch QPSK RB 50/24 ch.132072/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.222 W/kg

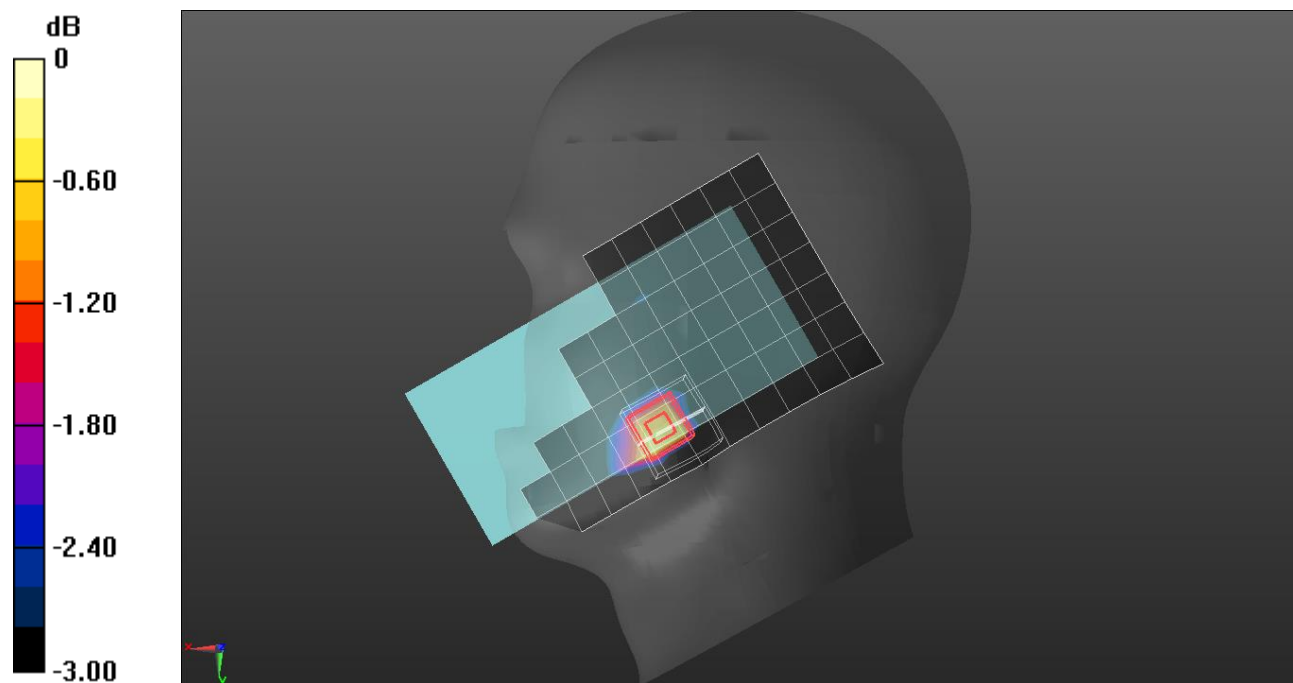
RHS/Touch QPSK RB 50/24 ch.132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.93 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

LTE Band 66

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.635$; $\rho = 1000$ 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 Sn1468; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7652; ConvF(9.14, 9.14, 9.14) @ 1720 MHz; Calibrated: 2022-04-28
- 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 50/24 ch.132072/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.531 W/kg

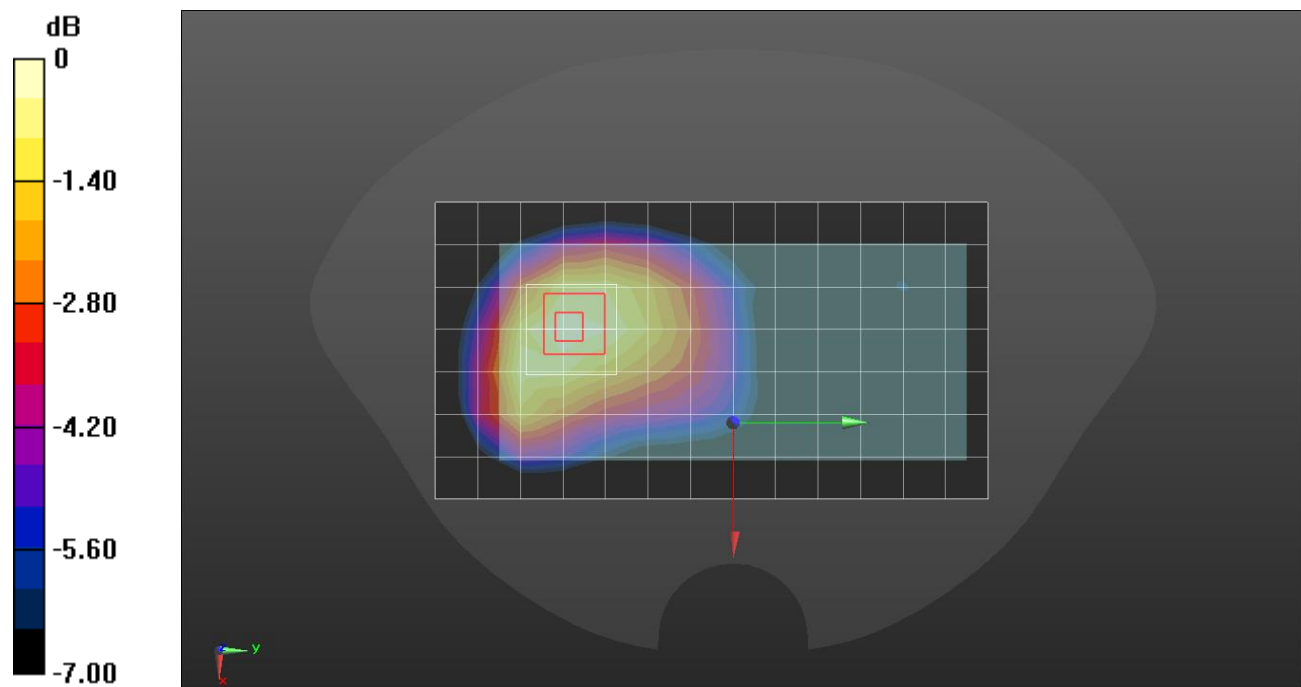
Rear/QPSK RB 50/24 ch.132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.98 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



$$0 \text{ dB} = 0.529 \text{ W/kg} = -2.77 \text{ dBW/kg}$$

LTE Band 66

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.635$; $\rho = 1000$ 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 Sn1468; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7652; ConvF(9.14, 9.14, 9.14) @ 1720 MHz; Calibrated: 2022-04-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Edge 3/QPSK RB 50/24 ch.132072/Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.681 W/kg

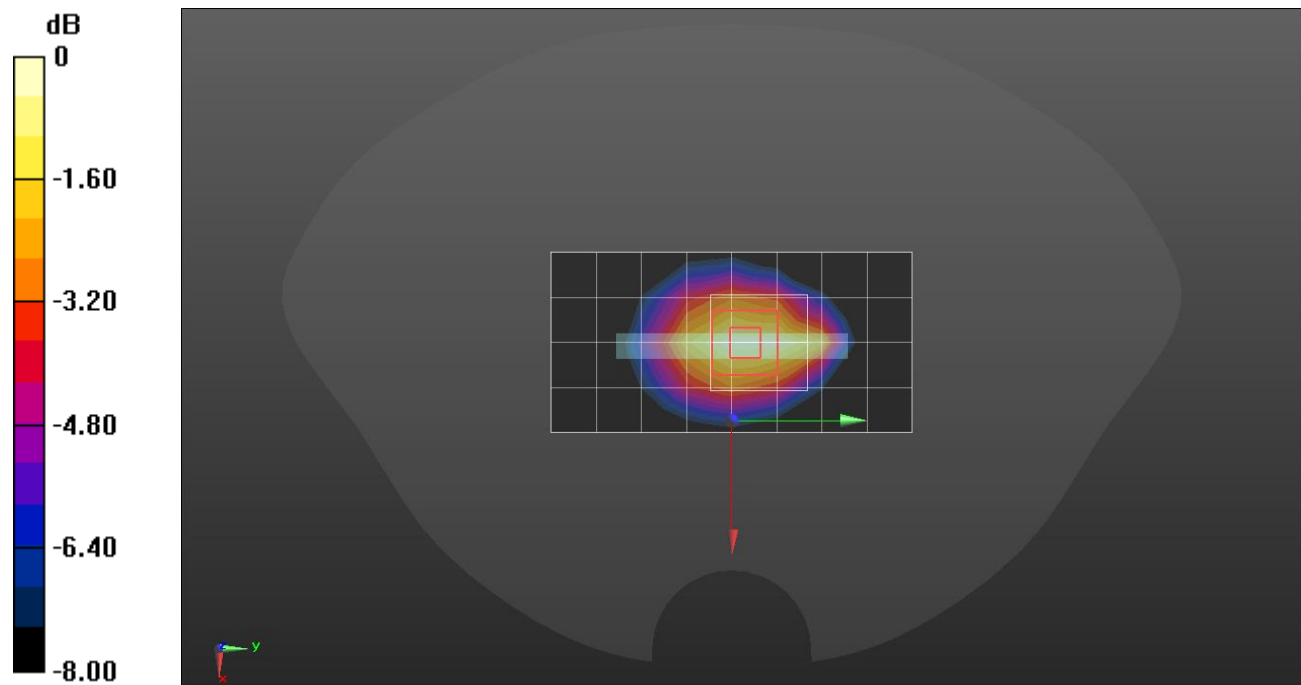
Edge 3/QPSK RB 50/24 ch.132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.70 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.694 W/kg



0 dB = 0.694 W/kg = -1.59 dBW/kg

Measurement Report for Device, Left Touch, NR Band n2, UID 10939 AAB, Channel 382000 (1910.0MHz)

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	Left Touch, 0.00	Band n2	5G NR FR1 FDD, 10939-AAB	1910.0, 382000	8.18	1.44	40.7

Hardware Setup

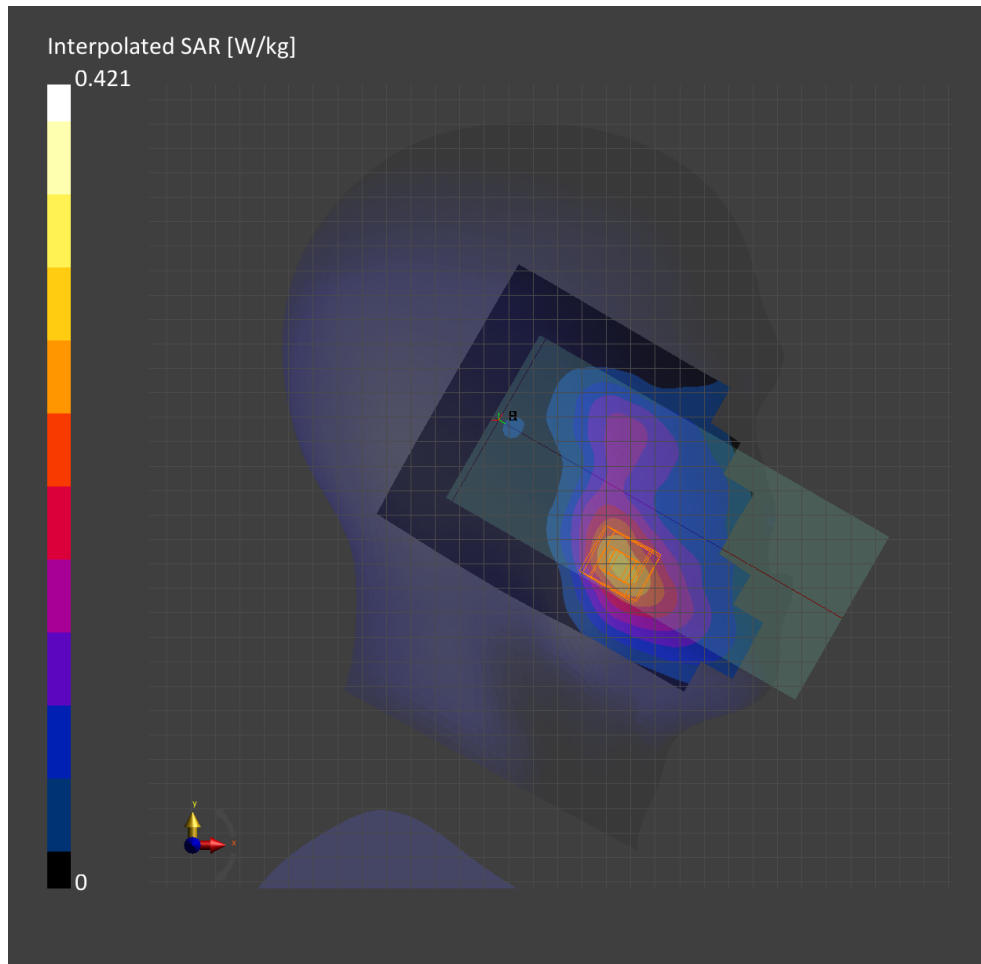
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-20	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1494, 2022-07-18

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	2022-10-21	2022-10-21
psSAR1g [W/kg]	0.239	0.255
psSAR10g [W/kg]	0.141	0.156
Power Drift [dB]		0.00



Measurement Report for Device, Rear, NR Band n2, UID 10939 AAB, Channel 380000 (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	Rear, 15.00	Band n2	5G NR FR1 FDD, 10939-AAB	1900.0, 380000	8.18	1.44	40.7

Hardware Setup

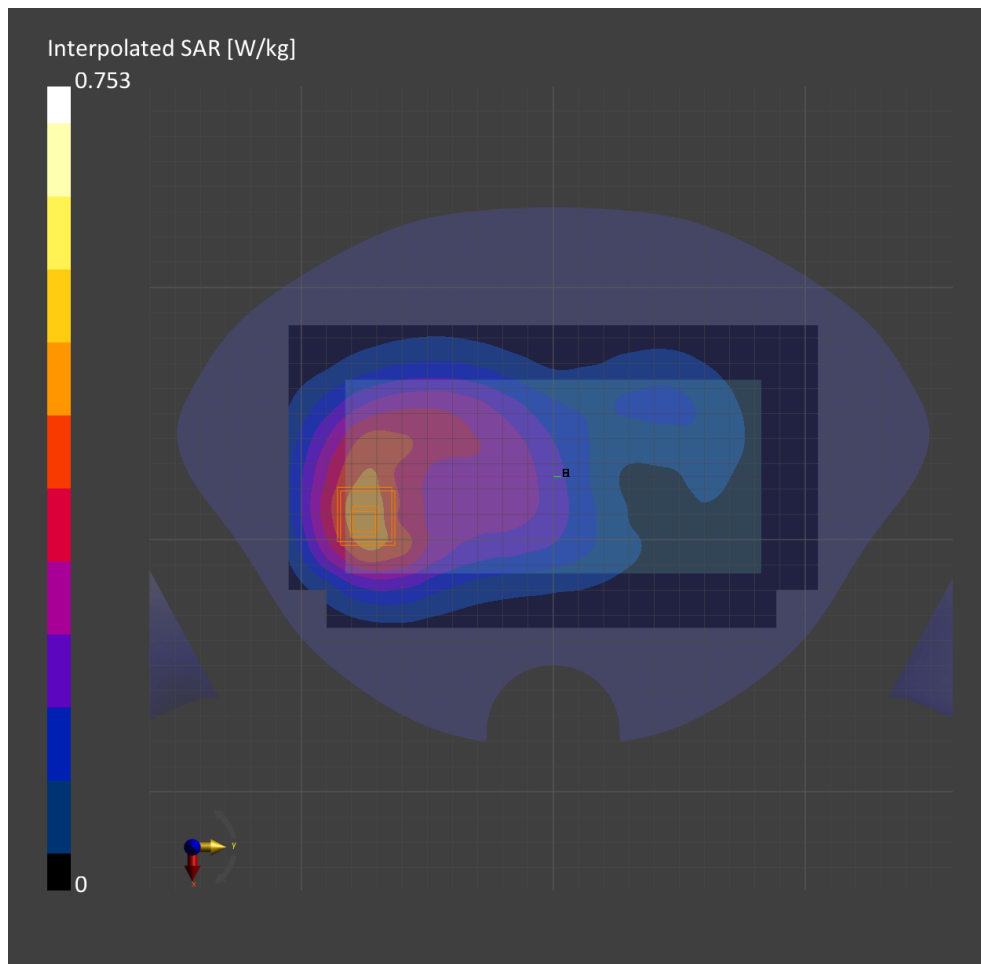
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-20	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1494, 2022-07-18

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	2022-10-22	2022-10-22
psSAR1g [W/kg]	0.403	0.417
psSAR10g [W/kg]	0.248	0.246
Power Drift [dB]		-0.02



Measurement Report for Device, Edge 3, NR Band n2, UID 10939 AAB, Channel 380000 (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	Edge 3, 10.00	Band n2	5G NR FR1 FDD, 10939-AAB	1900.0, 380000	8.18	1.44	40.7

Hardware Setup

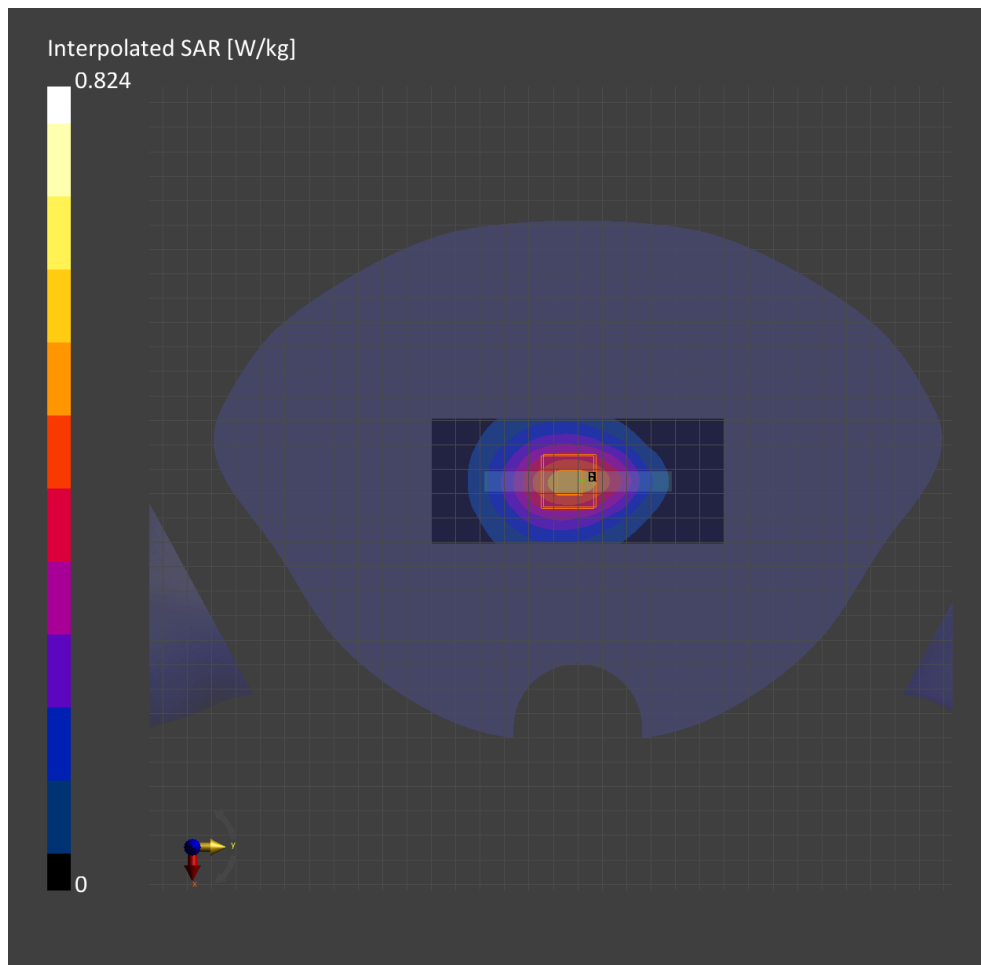
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-20	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1494, 2022-07-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.18 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.53 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	2022-10-21	2022-10-21
psSAR1g [W/kg]	0.437	0.445
psSAR10g [W/kg]	0.253	0.251
Power Drift [dB]		-0.02



NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 40.64$; $\rho = 1000$ 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 Sn1343; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7651; ConvF(10, 10, 10) @ 836.5 MHz; Calibrated: 2022-05-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

RHS/Touch QPSK RB 50/28 ch.167300/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.253 W/kg

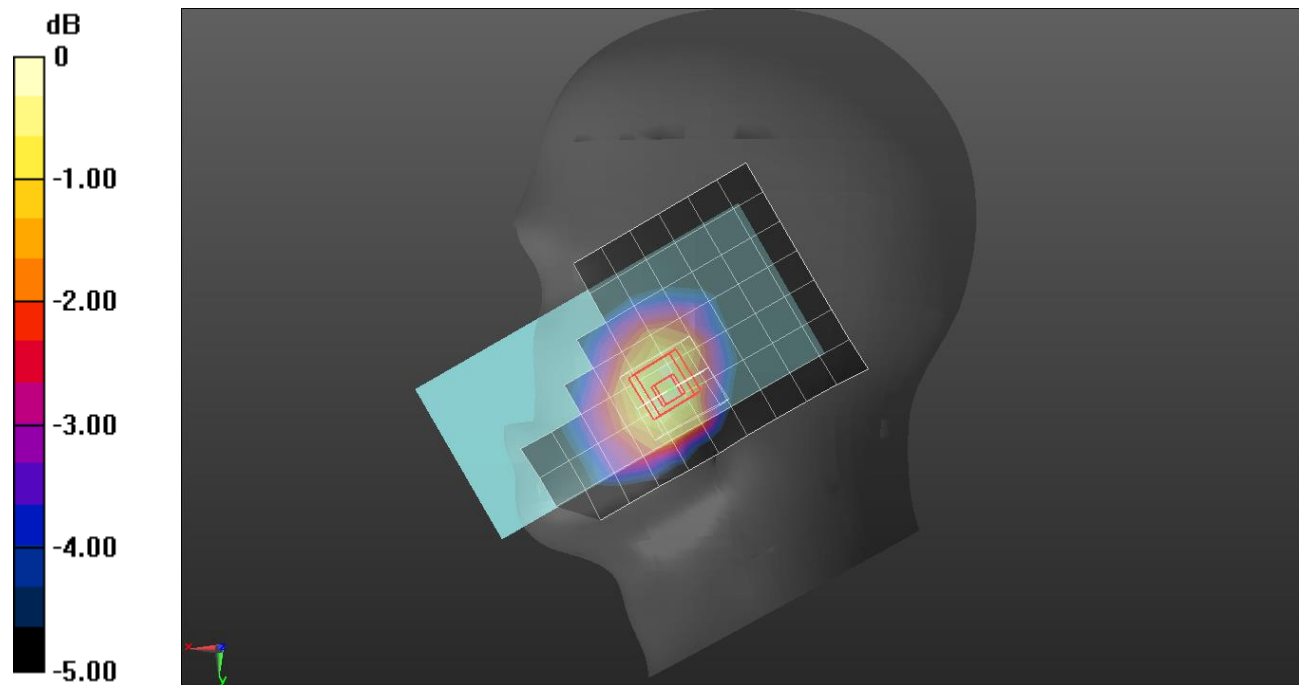
RHS/Touch QPSK RB 50/28 ch.167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.49 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.106$; $\rho = 1000$ 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 Sn1468; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7652; ConvF(10.39, 10.39, 10.39) @ 836.5 MHz; Calibrated: 2022-04-28
- 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 1/104 ch.167300/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.409 W/kg

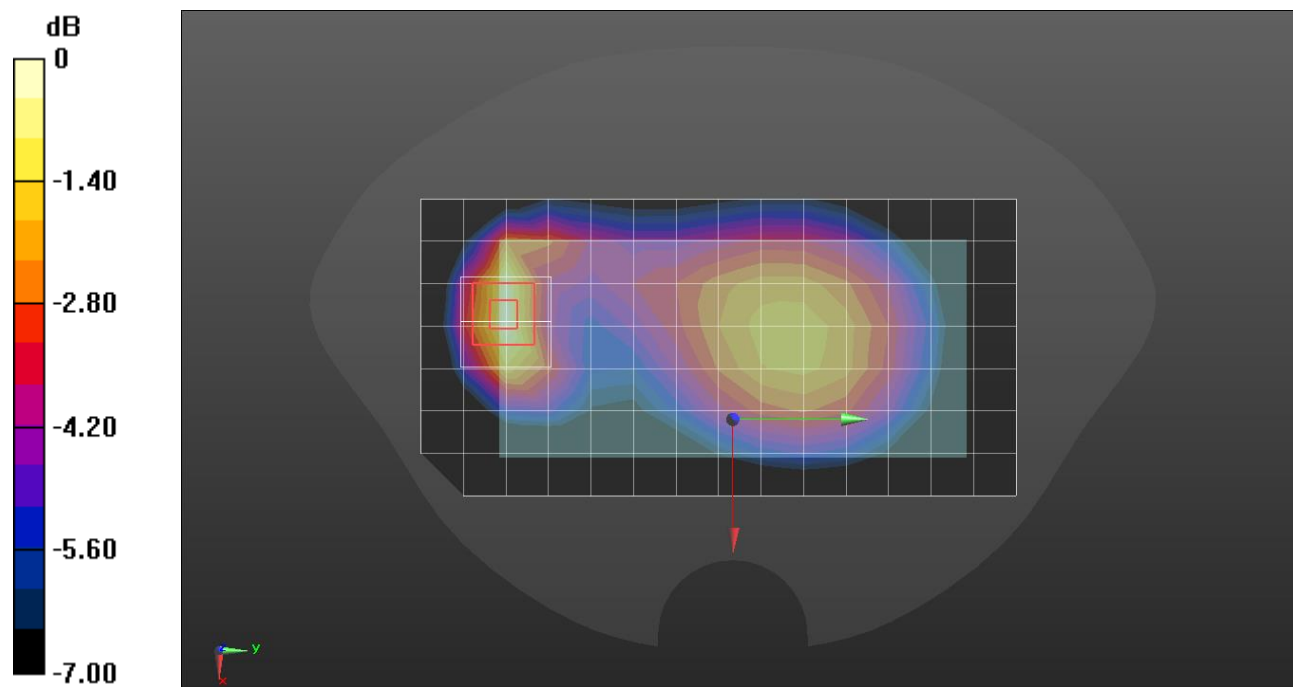
Rear/QPSK RB 1/104 ch.167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.27 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



$$0 \text{ dB} = 0.418 \text{ W/kg} = -3.79 \text{ dBW/kg}$$

NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.106$; $\rho = 1000$ 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 Sn1468; Calibrated: 2022-08-18
- Probe: EX3DV4 - SN7652; ConvF(10.39, 10.39, 10.39) @ 836.5 MHz; Calibrated: 2022-04-28
- 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 1/104 ch.167300/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.748 W/kg

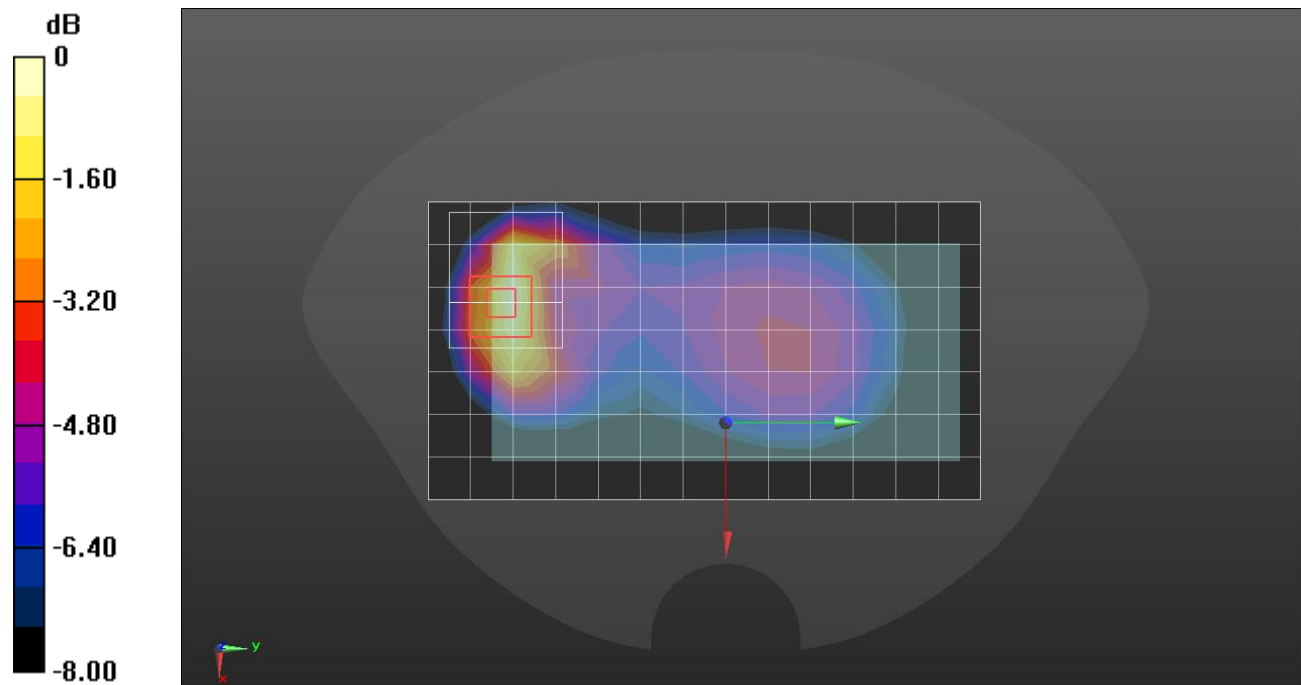
Rear/QPSK RB 1/104 ch.167300/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.46 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.774 W/kg = -1.11 dBW/kg

Measurement Report for Device, Left Touch, NR Band n66, UID 10934 AAB, 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	Left Touch, 0.00	Band n66	5G NR FR1 FDD, 10934-AAB	1745.0, 349000	8.38	1.33	41.4

Hardware Setup

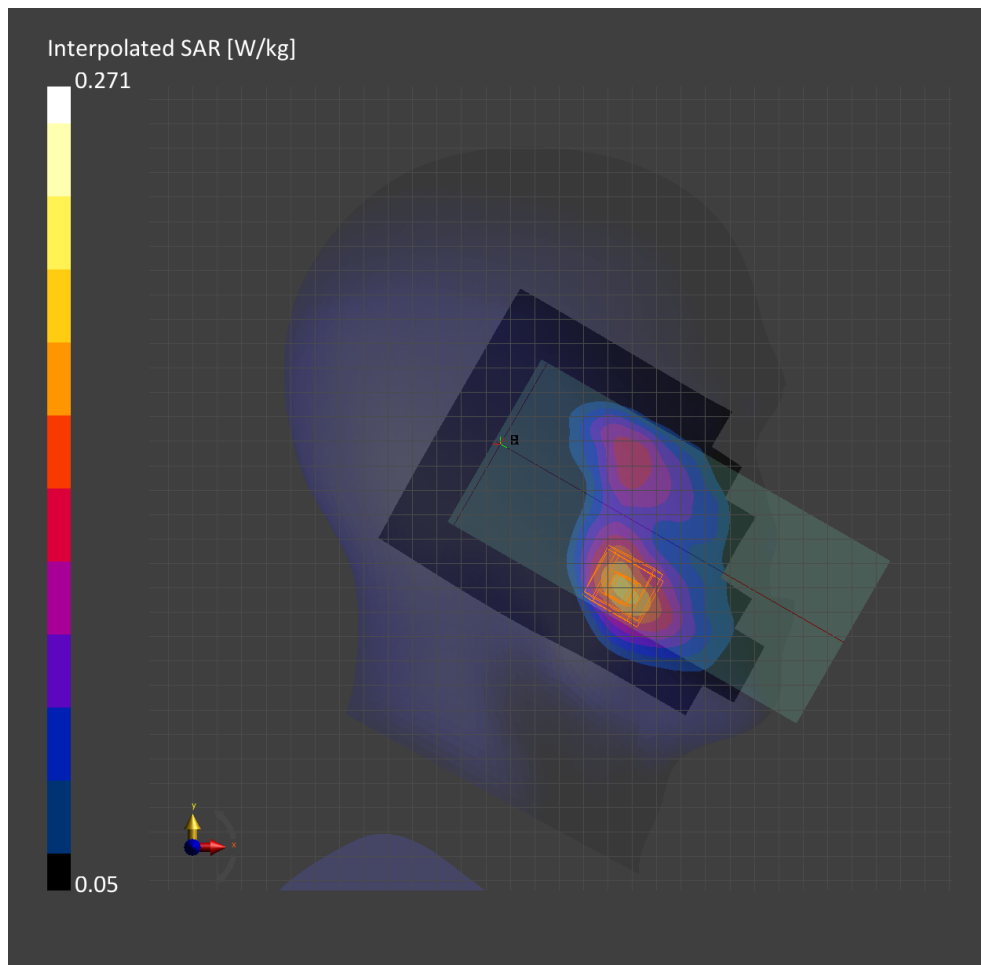
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

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	2022-10-26	2022-10-26
psSAR1g [W/kg]	0.168	0.178
psSAR10g [W/kg]	0.102	0.114
Power Drift [dB]		-0.03



Measurement Report for Device, Rear, NR Band n66, UID 10934 AAB, 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
Flat, HSL	Rear, 15.00	Band n66	5G NR FR1 FDD, 10934-AAB	1745.0, 349000	8.38	1.33	41.4

Hardware Setup

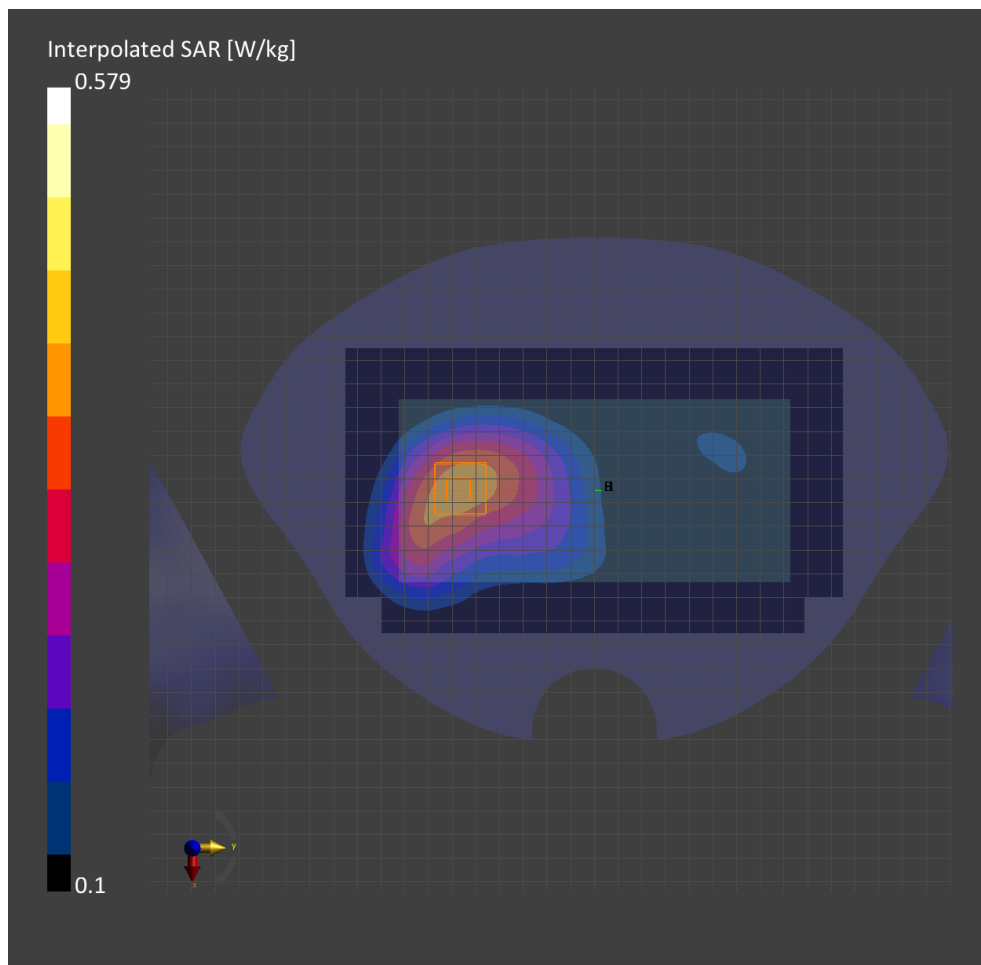
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

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	2022-10-25	2022-10-25
psSAR1g [W/kg]	0.353	0.357
psSAR10g [W/kg]	0.224	0.231
Power Drift [dB]		-0.03



Measurement Report for Device, Edge 3, NR Band n66, UID 10934 AAB, 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
Flat, HSL	Edge 3, 10.00	Band n66	5G NR FR1 FDD, 10934-AAB	1745.0, 349000	8.38	1.33	41.4

Hardware Setup

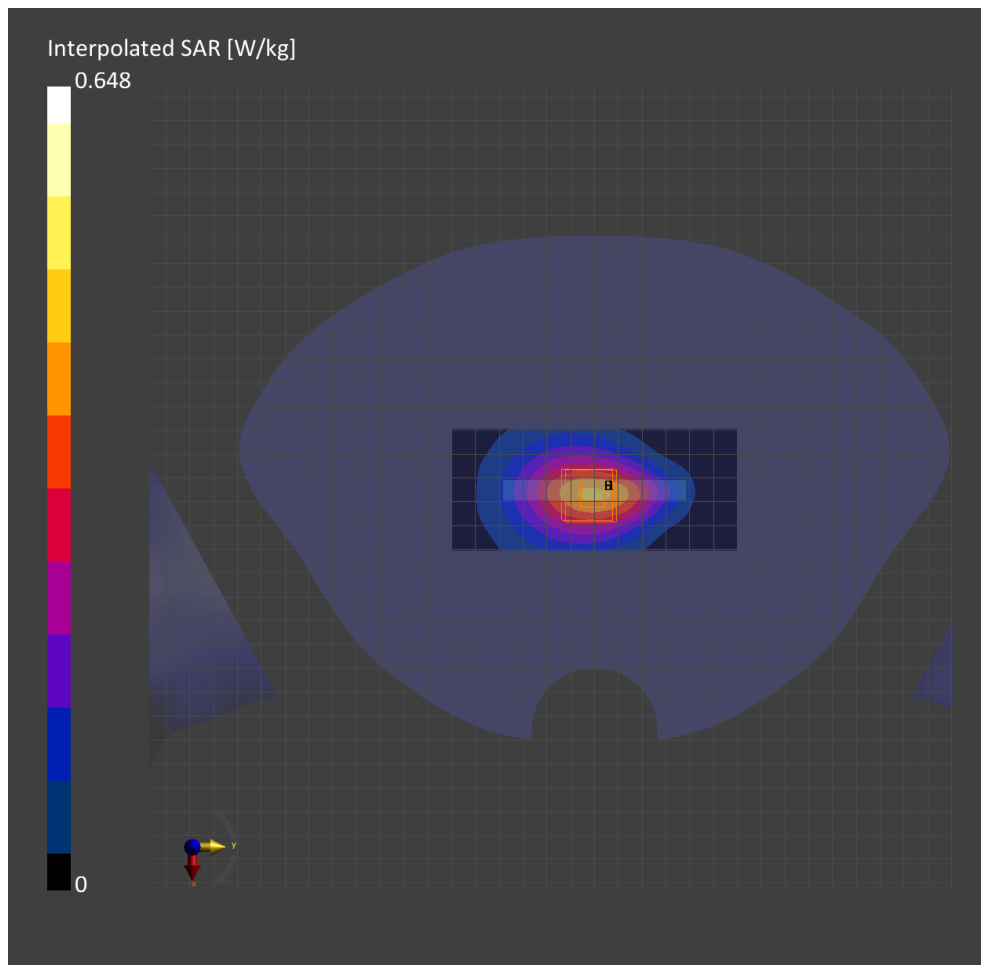
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2043	HBBL-600-10000, 2022-Oct-24	EX3DV4 - SN7545, 2022-08-19	DAE4 Sn1494, 2022-07-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.18 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.53 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	2022-10-25	2022-10-25
psSAR1g [W/kg]	0.369	0.375
psSAR10g [W/kg]	0.218	0.221
Power Drift [dB]		-0.04



Measurement Report for Device, Right Touch, NR Band n77(Voice/ Data/ SRS0), UID 10917 AAB, Channel 650000 (3750.0MHz)

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	Right Touch, 0.00	Band n77	5G NR FR1 TDD, 10917-AAB	3750.0, 650000	6.88	3.08	38.0

Hardware Setup

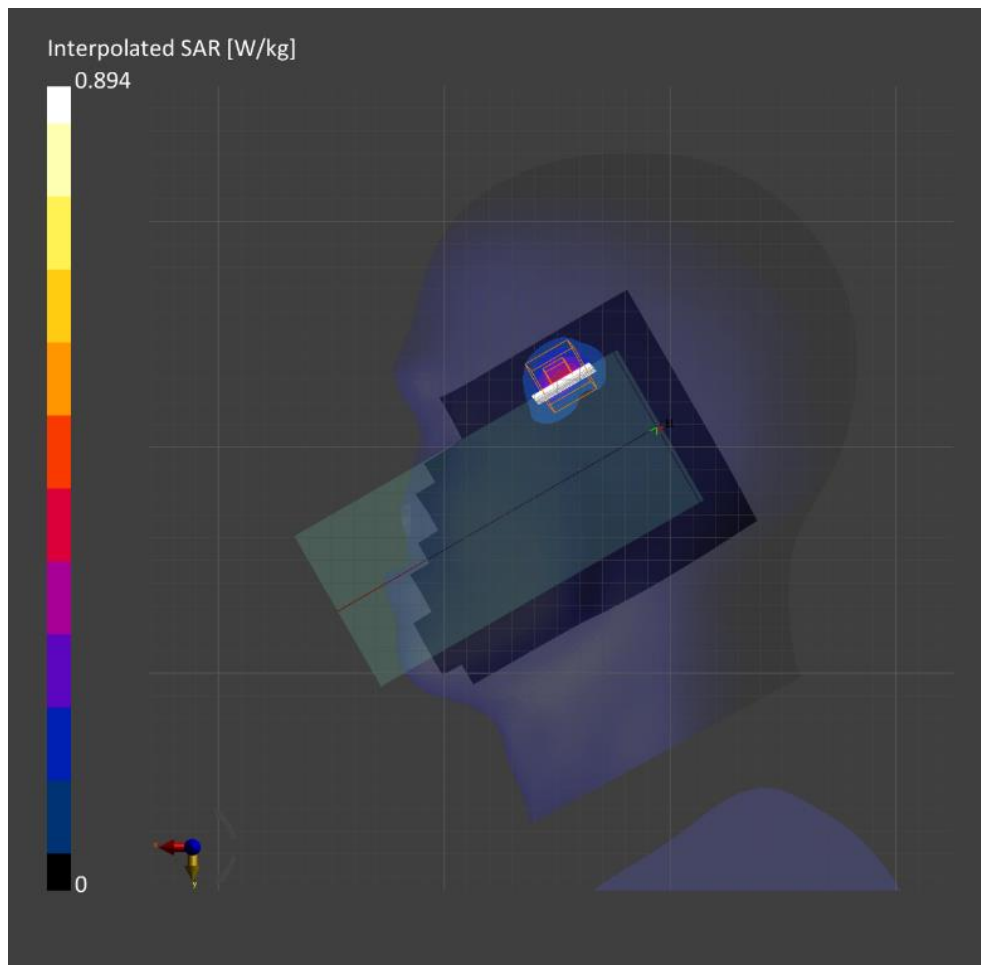
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-25	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.9 x 4.9 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-26	2022-10-26
psSAR1g [W/kg]	0.278	0.310
psSAR10g [W/kg]	0.105	0.103
Power Drift [dB]		0.04



Measurement Report for Device, Rear, Band n77(Voice/ Data/ SRS0), UID 10917 AAB, Channel 650000 (3750.0MHz)

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	Rear, 15.00	Band n77	5G NR FR1 TDD, 10917-AAB	3750.0, 650000	6.88	3.08	38.0

Hardware Setup

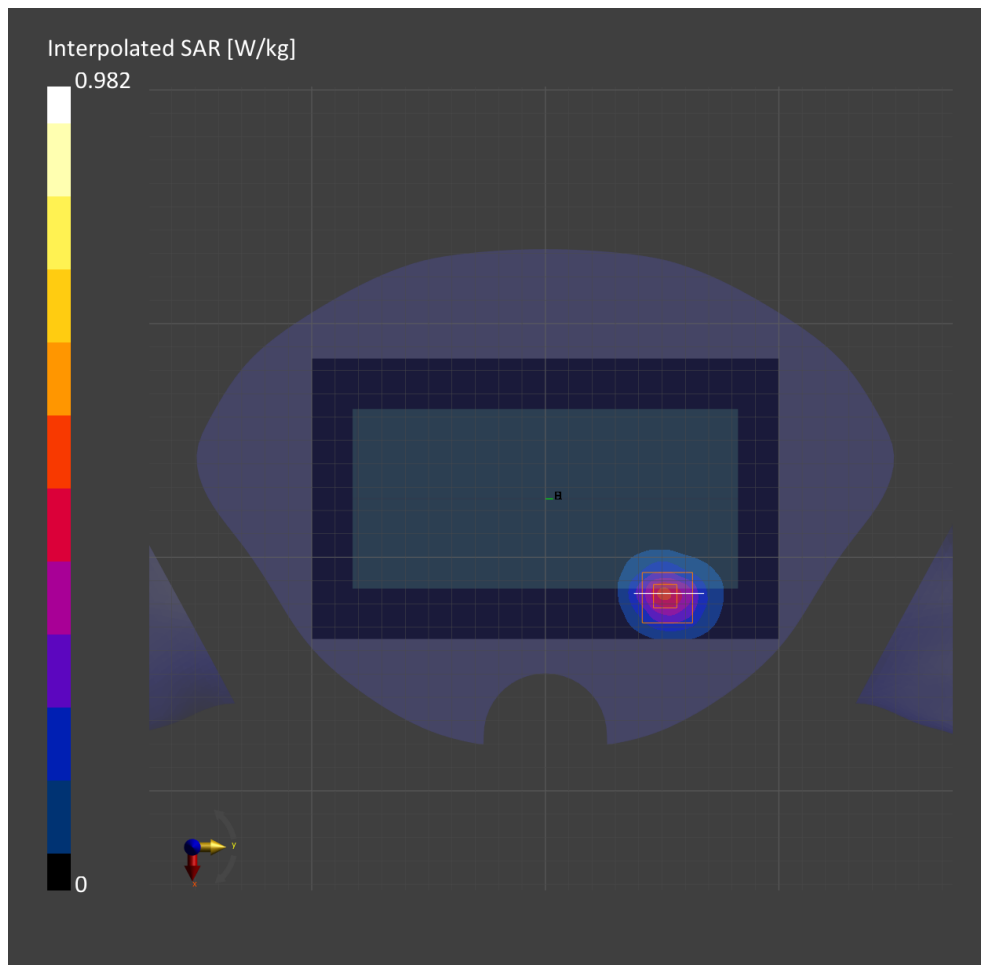
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Oct-25	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-26	2022-10-26
psSAR1g [W/kg]	0.370	0.380
psSAR10g [W/kg]	0.148	0.150
Power Drift [dB]		-0.07



NR Band n77 (Voice/ Data/ SRS0)

Frequency: 3750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 36.663$; $\rho = 1000$ 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 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7313; ConvF(6.88, 6.88, 6.88) @ 3750 MHz; Calibrated: 2022-03-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 135/138 ch.650000/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.11 W/kg

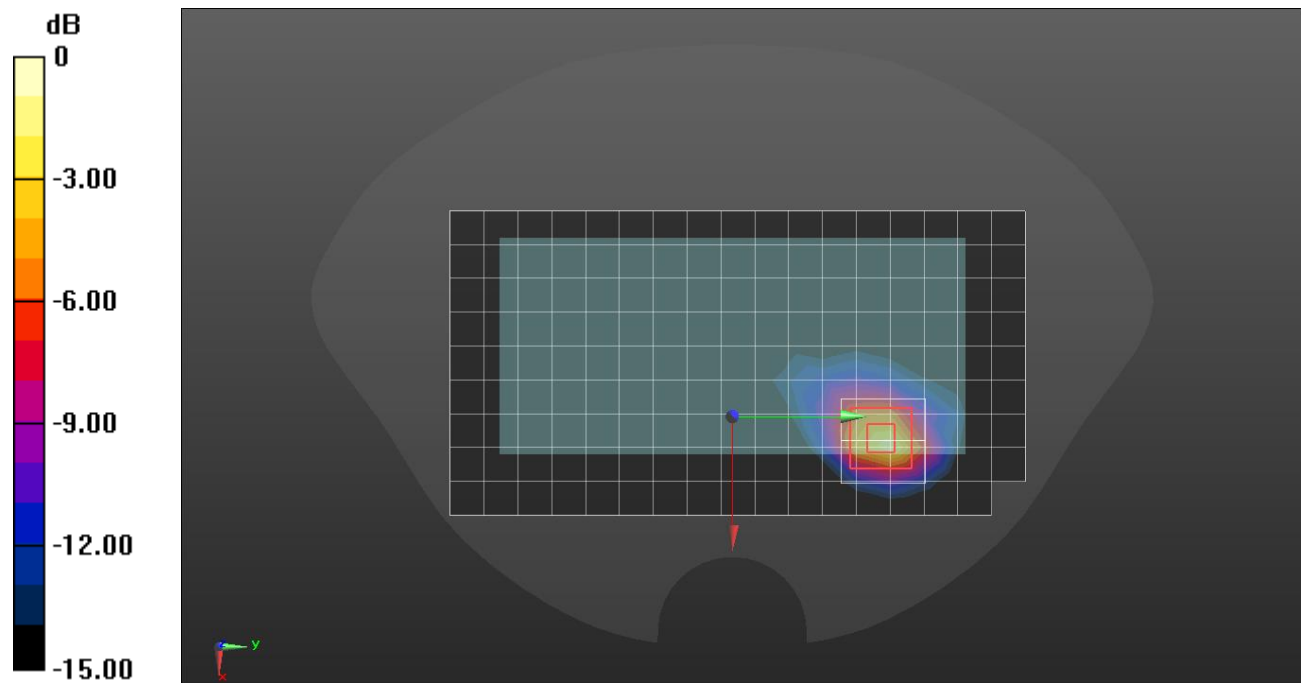
Rear/QPSK RB 135/138 ch.650000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 17.29 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Measurement Report for Device, Right Tilt, NR Band n77(SRS1/ SRS2/ SRS3), UID 0 -, Channel 3750000 (3750.0MHz)

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	Right Tilt, 0.00	Band n77	CW, 0--	3750.0, 3750000	7.05	3.13	39.0

Hardware Setup

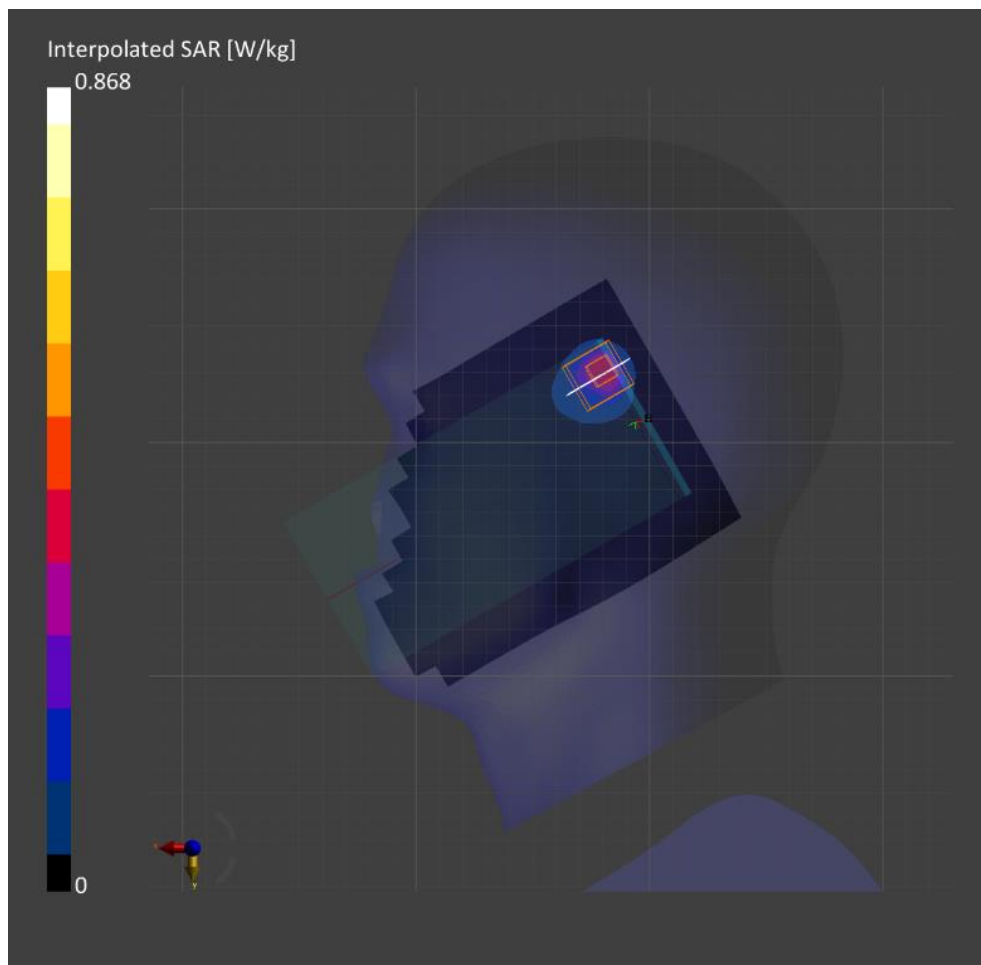
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Nov-01	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-01	2022-11-01
psSAR1g [W/kg]	0.292	0.314
psSAR10g [W/kg]	0.109	0.107
Power Drift [dB]		0.06



Measurement Report for Device, Rear, NR Band n77(SRS1/ SRS2/ SRS3), UID 0 -, Channel 662000 (3930.0MHz)

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	Rear, 15.00	Band n77	CW, 0--	3930.0, 662000	6.75	3.37	38.0

Hardware Setup

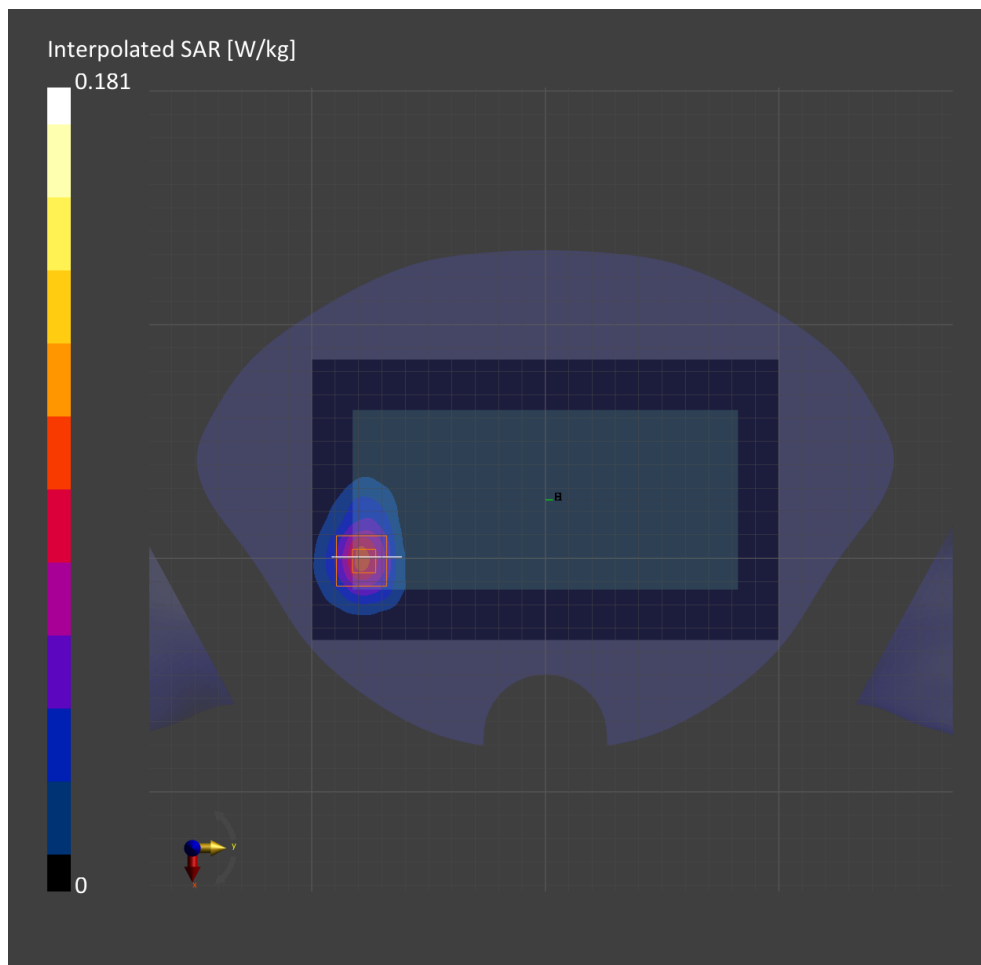
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Nov-09	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-09	2022-11-09
psSAR1g [W/kg]	0.072	0.075
psSAR10g [W/kg]	0.030	0.029
Power Drift [dB]		0.04



NR Band n77 (SRS1/ SRS2/ SRS3)

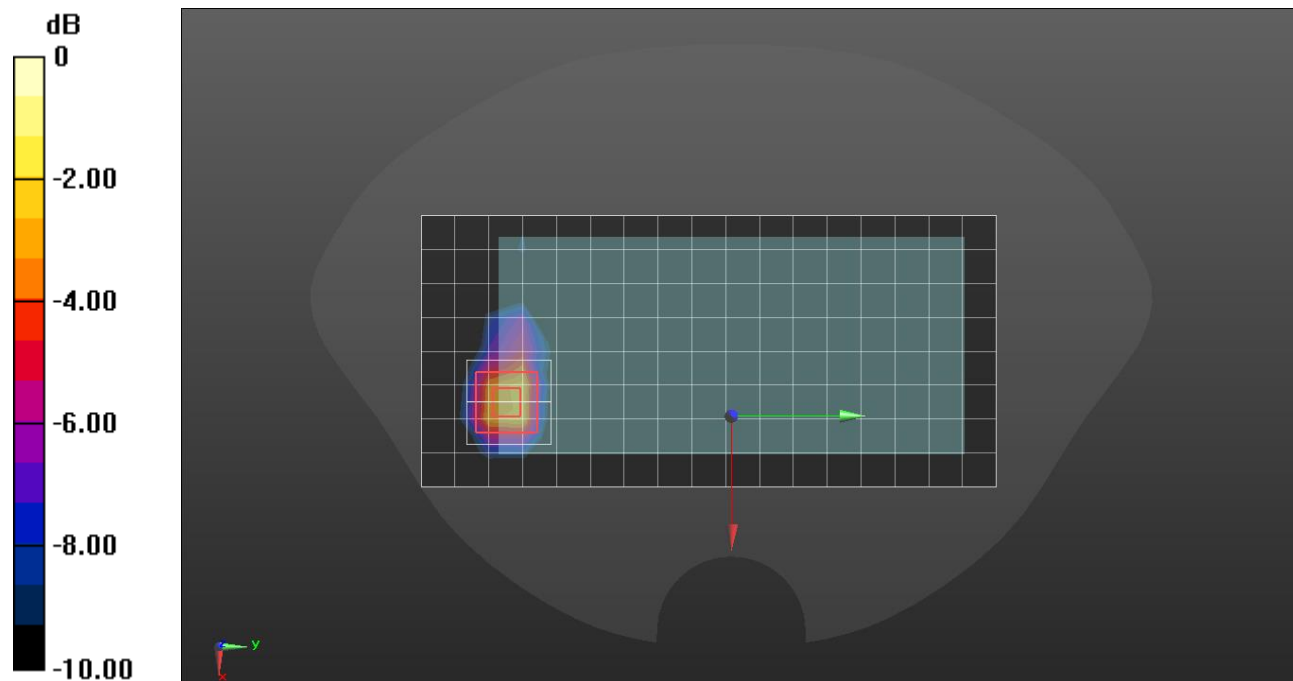
Frequency: 3930 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 3930$ MHz; $\sigma = 3.285$ S/m; $\epsilon_r = 36.181$; $\rho = 1000$ kg/m³

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 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7313; ConvF(6.47, 6.47, 6.47) @ 3930 MHz; Calibrated: 2022-03-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/CW ch.662000/Area Scan (9x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.208 W/kg

Rear/CW ch.662000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
 Reference Value = 9.540 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 0.468 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.056 W/kg
 Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

Measurement Report for Device, Right Touch, LTE Band 48, E-UTRA/TDD, UID 10172 CAG, Channel 56207 (3646.7MHz)

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	Right Touch, 0.00	Band 48, E-UTRA/TDD	LTE-TDD, 10172-CAG	3646.7, 56207	7.05	3.02	39.2

Hardware Setup

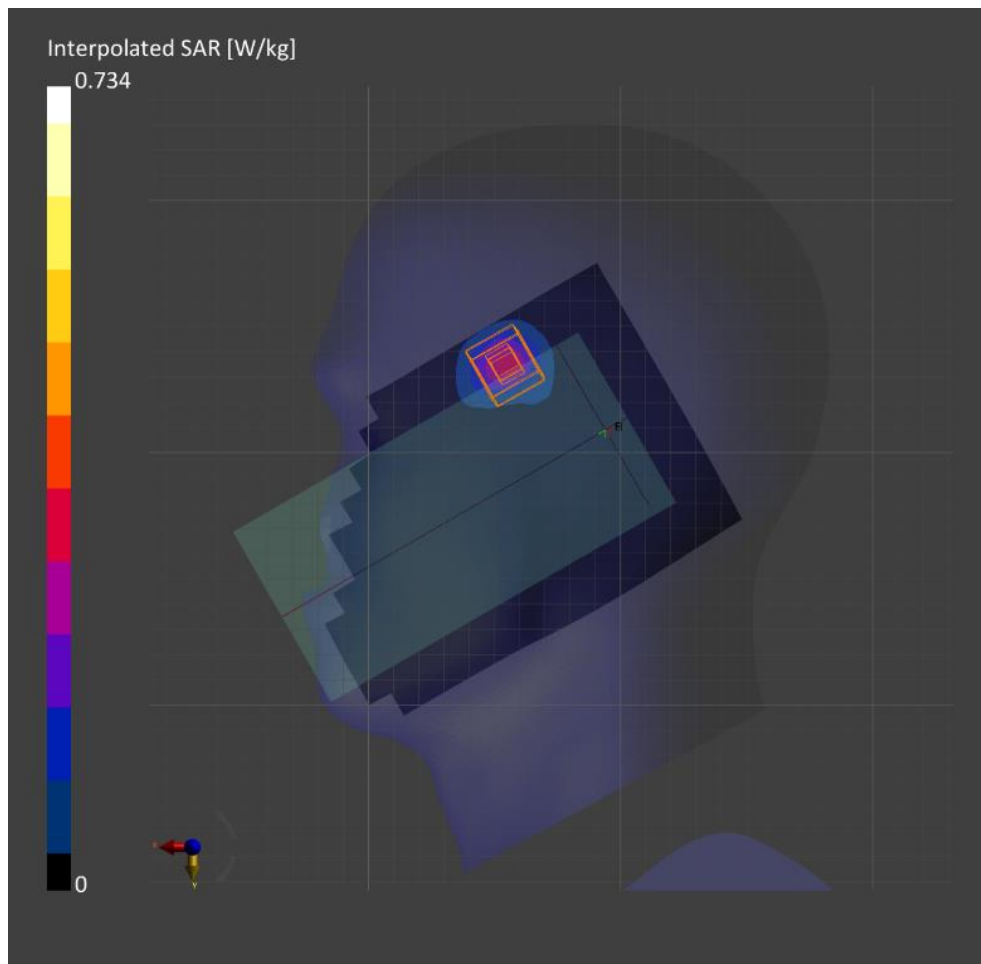
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Nov-01	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-02	2022-11-02
psSAR1g [W/kg]	0.244	0.282
psSAR10g [W/kg]	0.097	0.099
Power Drift [dB]		0.03



Measurement Report for Device, Rear, LTE Band 48, E-UTRA/TDD, UID 10172 CAG, Channel 56207 (3646.7MHz)

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	Rear, 15.00	Band 48, E-UTRA/TDD	LTE-TDD, 10172-CAG	3646.7, 56207	7.05	3.02	39.2

Hardware Setup

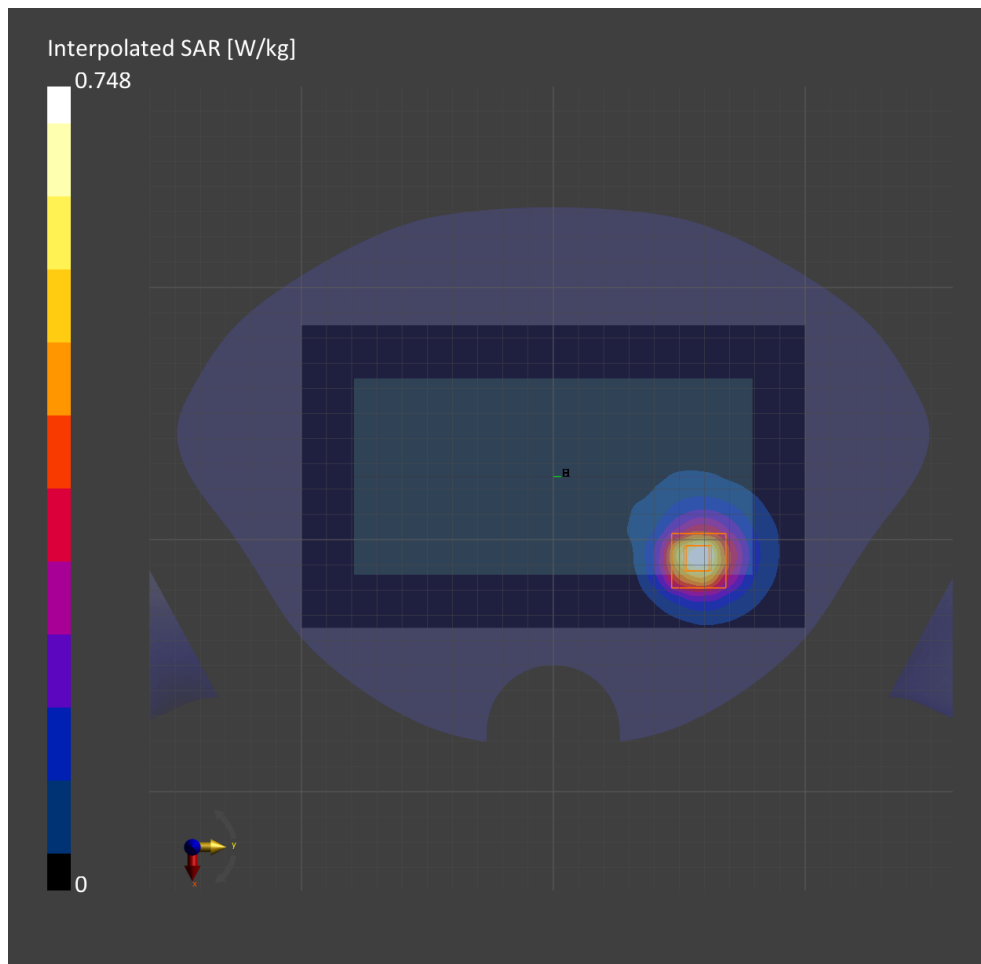
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Nov-01	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-02	2022-11-02
psSAR1g [W/kg]	0.321	0.328
psSAR10g [W/kg]	0.134	0.133
Power Drift [dB]		-0.00



Measurement Report for Device, Edge 4, LTE Band 48, E-UTRA/TDD, UID 10172 CAG, Channel 56207 (3646.7MHz)

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 4, 10.00	Band 48, E-UTRA/TDD	LTE-TDD, 10172-CAG	3646.7, 56207	7.05	3.02	39.2

Hardware Setup

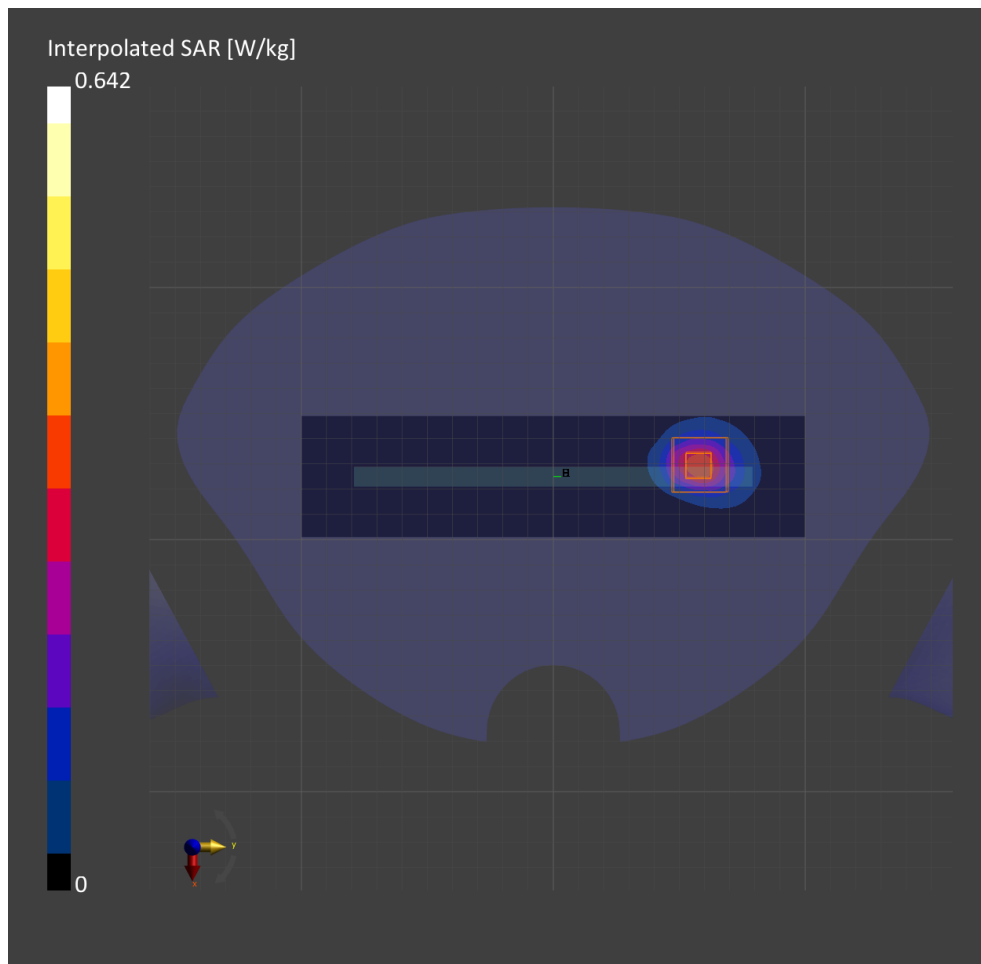
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2039	HBBL-600-10000, 2022-Nov-01	EX3DV4 - SN7376, 2022-07-27	DAE4 Sn1591, 2022-03-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-02	2022-11-02
psSAR1g [W/kg]	0.267	0.275
psSAR10g [W/kg]	0.105	0.105
Power Drift [dB]		0.14



Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 40.388$; $\rho = 1000$ 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 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7646; ConvF(8.34, 8.34, 8.34) @ 2437 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

RHS/Tilt 802.11 b mode ch.6 SISO Ant.1/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0480 W/kg

RHS/Tilt 802.11 b mode ch.6 SISO Ant.1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

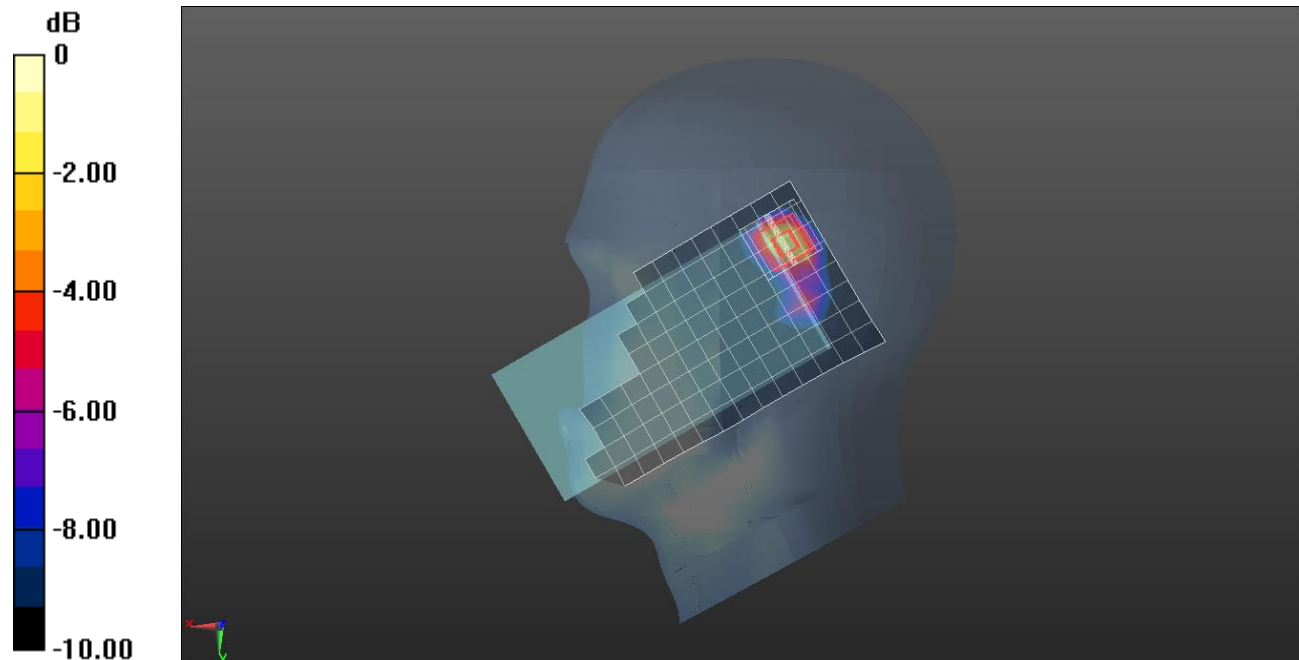
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.206 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0637 W/kg



0 dB = 0.0637 W/kg = -11.96 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 40.397$; $\rho = 1000$ 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 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7646; ConvF(8.34, 8.34, 8.34) @ 2437 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

Rear/802.11 b mode ch.6 SISO Ant.1/Area Scan (17x9x1): Measurement grid: dx=

12mm, dy=12mm

Maximum value of SAR (measured) = 0.306 W/kg

Rear/802.11 b mode ch.6 SISO Ant.1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm,

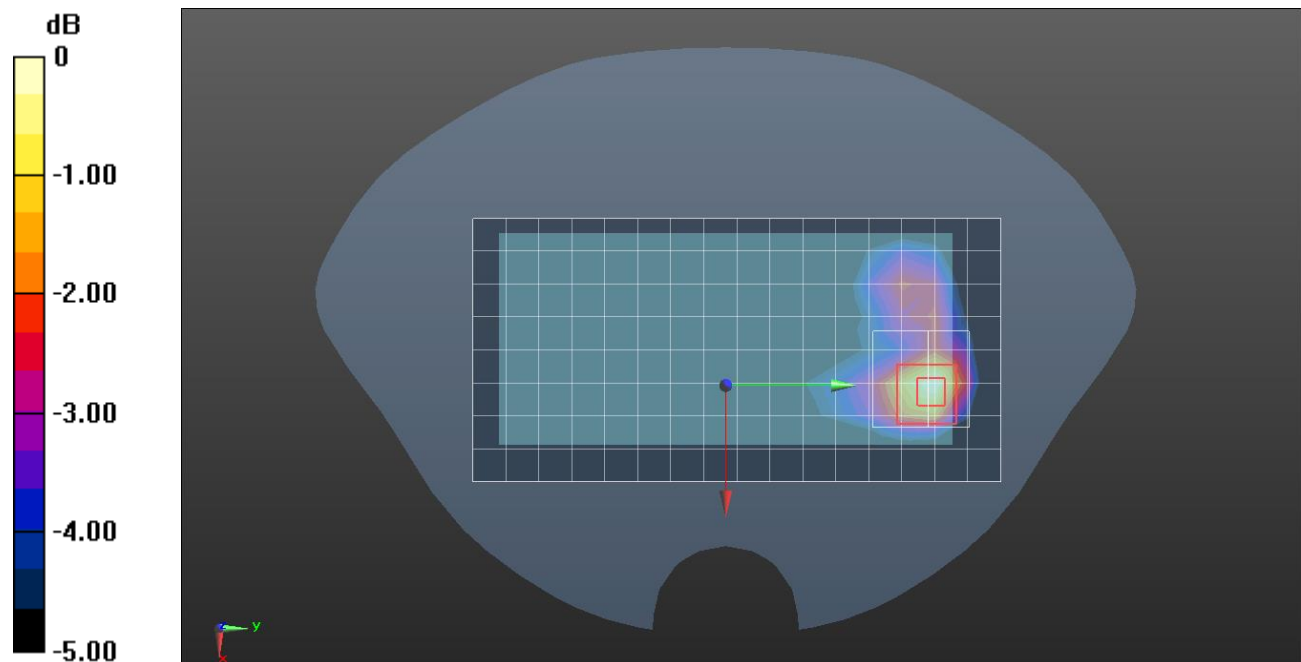
dy=5mm, dz=5mm

Reference Value = 11.65 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 40.397$; $\rho = 1000$ 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 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7646; ConvF(8.34, 8.34, 8.34) @ 2437 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

Rear/802.11 b mode ch.6 SISO Ant.1/Area Scan (17x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.731 W/kg

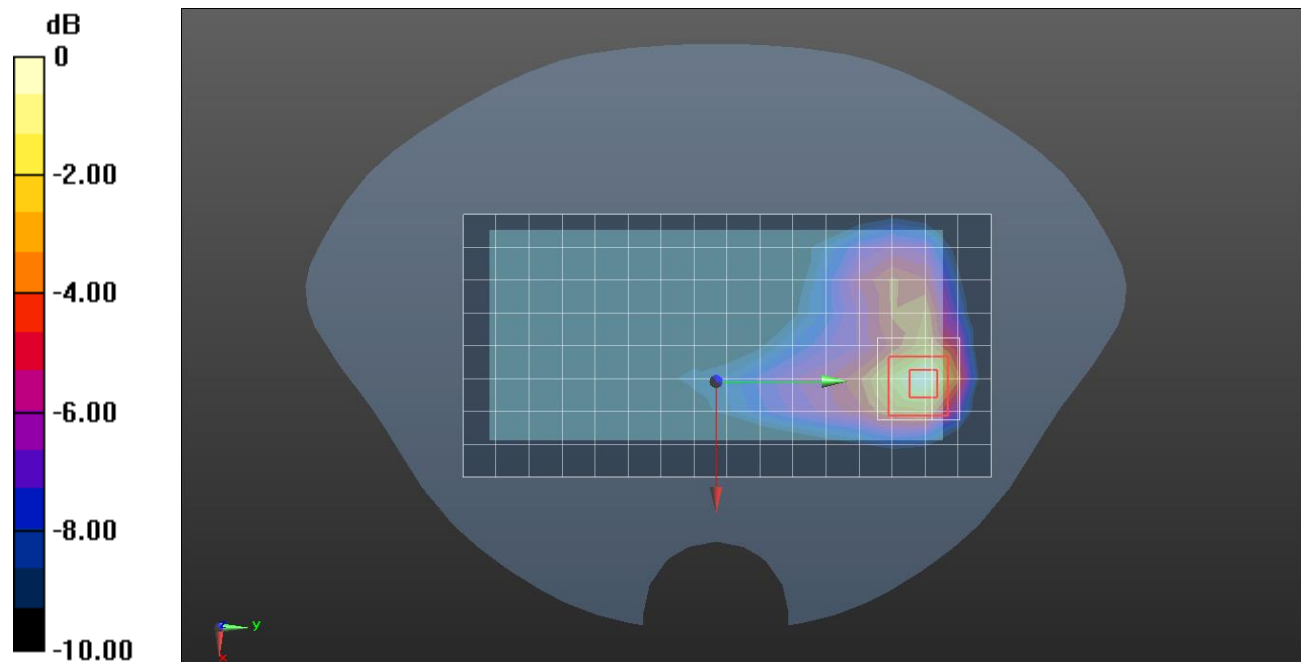
Rear/802.11 b mode ch.6 SISO Ant.1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.10 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.700 W/kg



0 dB = 0.700 W/kg = -1.55 dBW/kg

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 (interpolated): $f = 5290$ MHz; $\sigma = 4.785$ S/m; $\epsilon_r = 36.27$; $\rho = 1000$ 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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(5.34, 5.34, 5.34) @ 5290 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

LHS/Tilt 802.11 ac mode ch.58 SISO Ant.1/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.634 W/kg

LHS/Tilt 802.11 ac mode ch.58 SISO Ant.1/Zoom Scan (8x8x7)/Cube 0: Measurement grid:

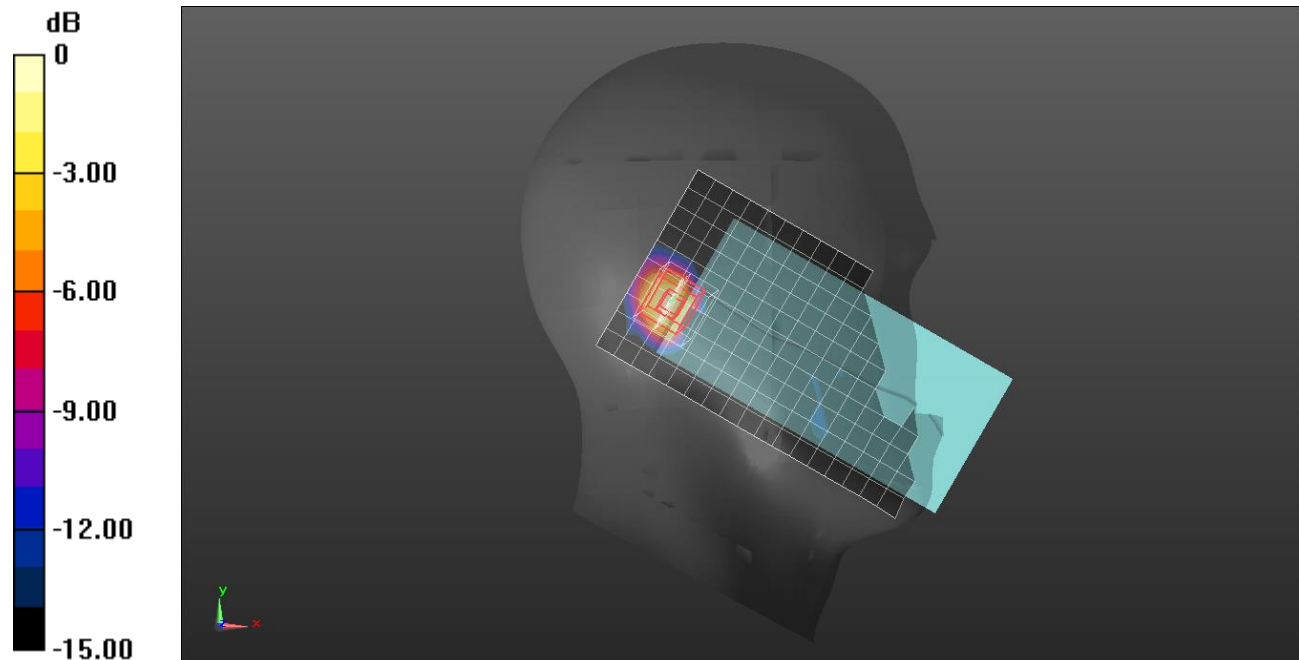
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.03 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.779$ S/m; $\epsilon_r = 36.383$; $\rho = 1000$ 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 Sn1667; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7330; ConvF(5.34, 5.34, 5.34) @ 5260 MHz; Calibrated: 2022-01-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/802.11 a mode ch.52 SISO Ant.1/Area Scan (20x11x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.850 W/kg

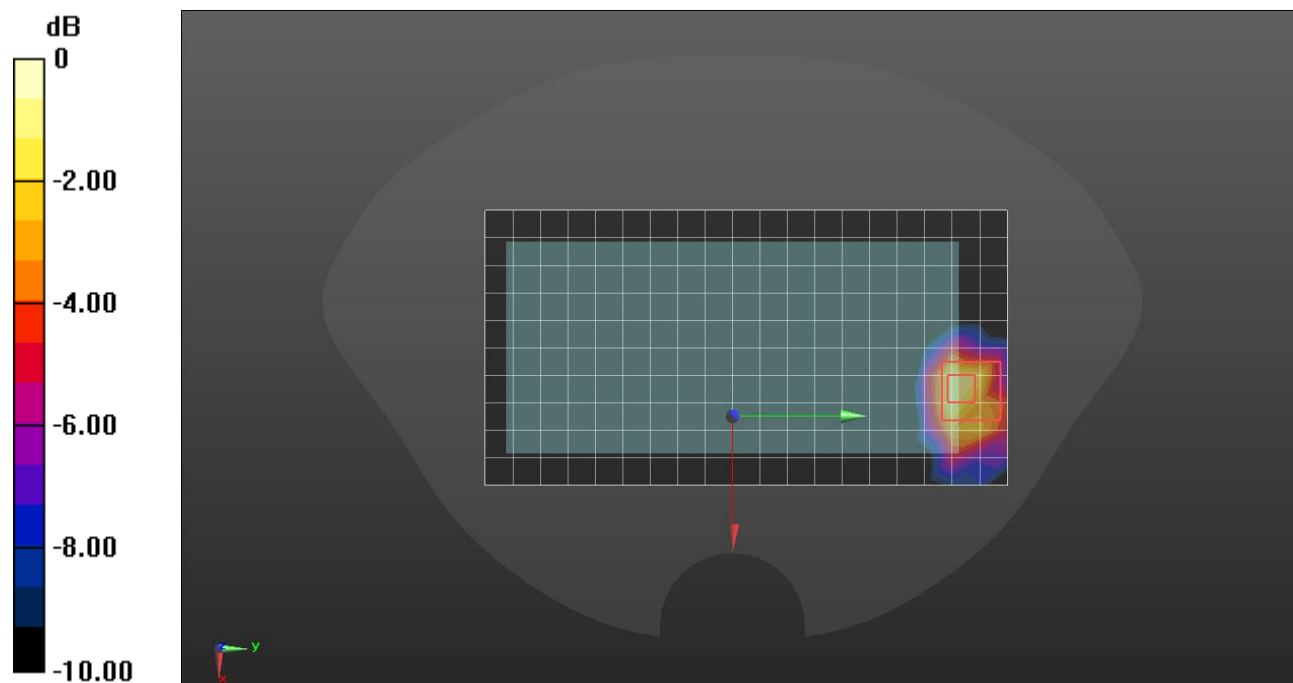
Rear/802.11 a mode ch.52 SISO Ant.1/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.38 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Wi-Fi 5.3 GHz

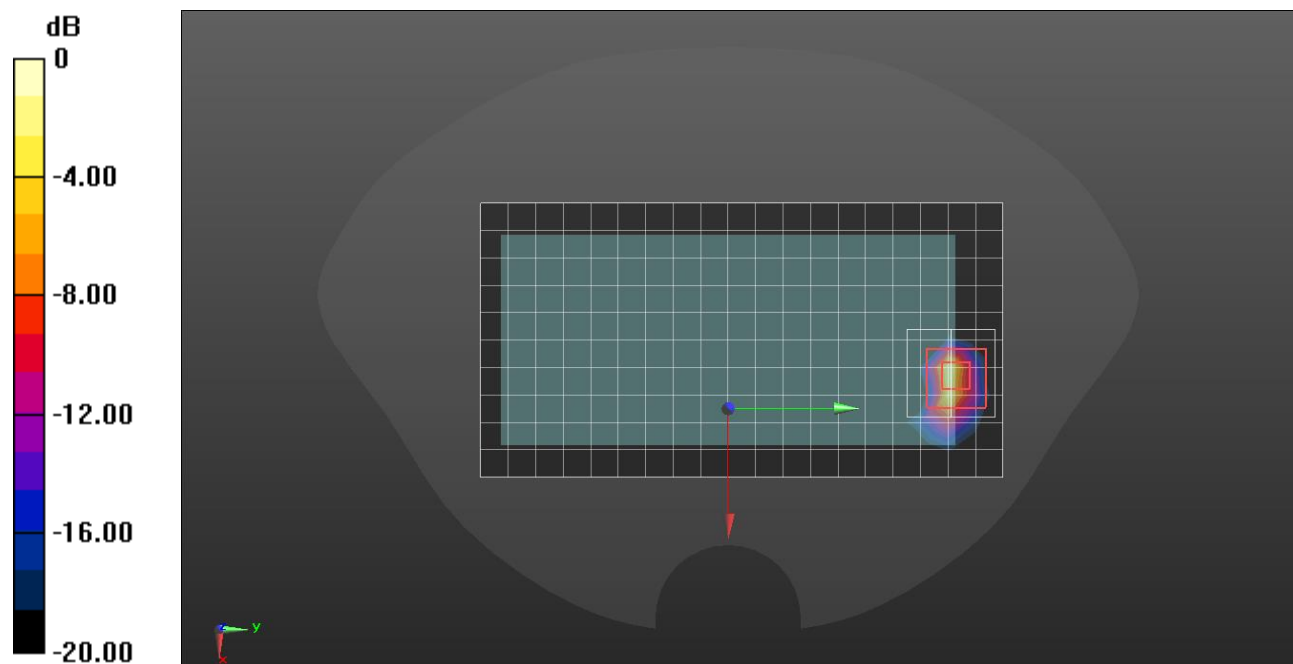
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.779 \text{ S/m}$; $\epsilon_r = 36.383$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(5.34, 5.34, 5.34) @ 5260 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/802.11 a mode ch.52 SISO Ant.1/Area Scan (20x11x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 16.0 W/kg

Rear/802.11 a mode ch.52 SISO Ant.1/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 64.70 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 66.4 W/kg
SAR(1 g) = 6.66 W/kg; SAR(10 g) = 1.24 W/kg
 Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

Wi-Fi 5.5 GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 5610$ MHz; $\sigma = 5.136$ S/m; $\epsilon_r = 35.657$; $\rho = 1000$ 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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(4.95, 4.95, 4.95) @ 5610 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

LHS/Tilt 802.11 ac mode ch.122 SISO Ant.1/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.06 W/kg

LHS/Tilt 802.11 ac mode ch.122 SISO Ant.1/Zoom Scan (8x8x7)/Cube 0: Measurement grid:

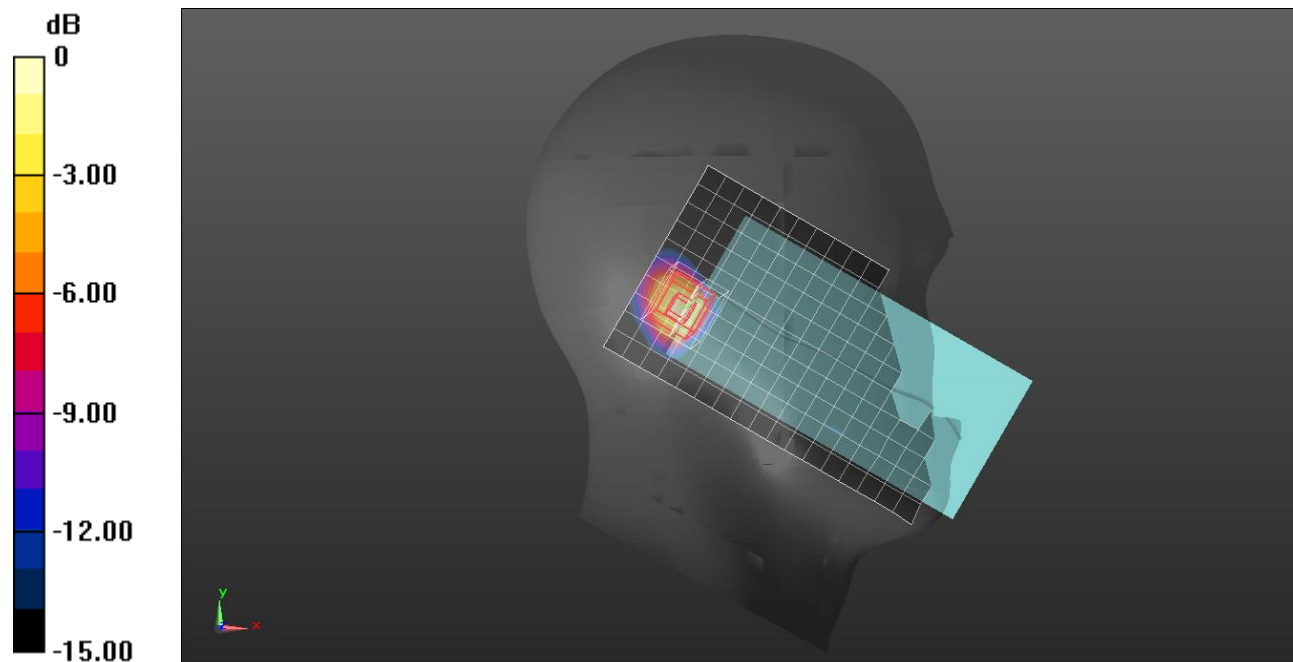
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.43 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.269 \text{ S/m}$; $\epsilon_r = 35.554$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(4.85, 4.85, 4.85) @ 5720 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/802.11 a mode ch.144 SISO Ant.1/Area Scan (20x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.533 W/kg

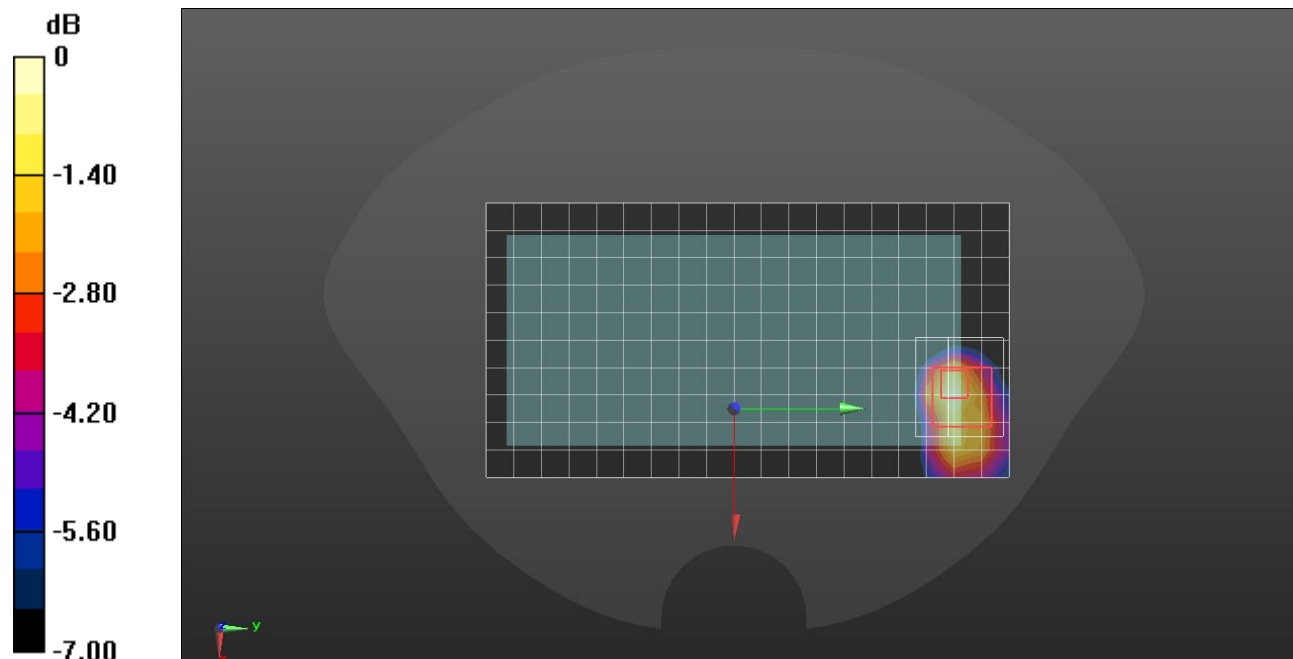
Rear/802.11 a mode ch.144 SISO Ant.1/Zoom Scan (10x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 10.67 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.524 W/kg = -2.81 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.269 \text{ S/m}$; $\epsilon_r = 35.554$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(4.85, 4.85, 4.85) @ 5720 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/802.11 a mode ch.144 SISO Ant.1/Area Scan (20x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 9.96 W/kg

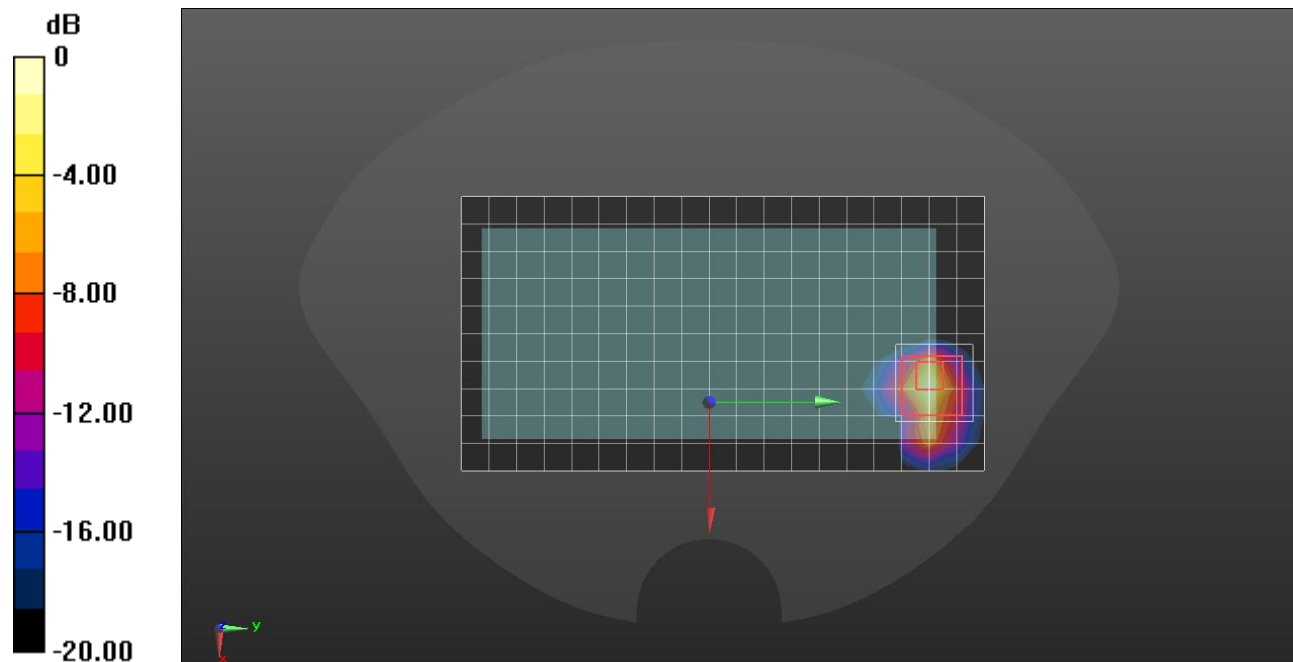
Rear/802.11 a mode ch.144 SISO Ant.1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 42.41 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 3.5 W/kg; SAR(10 g) = 0.798 W/kg

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

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: $f = 5775 \text{ MHz}$; $\sigma = 5.33 \text{ S/m}$; $\epsilon_r = 35.427$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

RHS/Tilt 802.11 ac mode ch.155 SISO Ant.1/Area Scan (11x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.35 W/kg

RHS/Tilt 802.11 ac mode ch.155 SISO Ant.1/Zoom Scan (9x9x7)/Cube 0: Measurement grid:

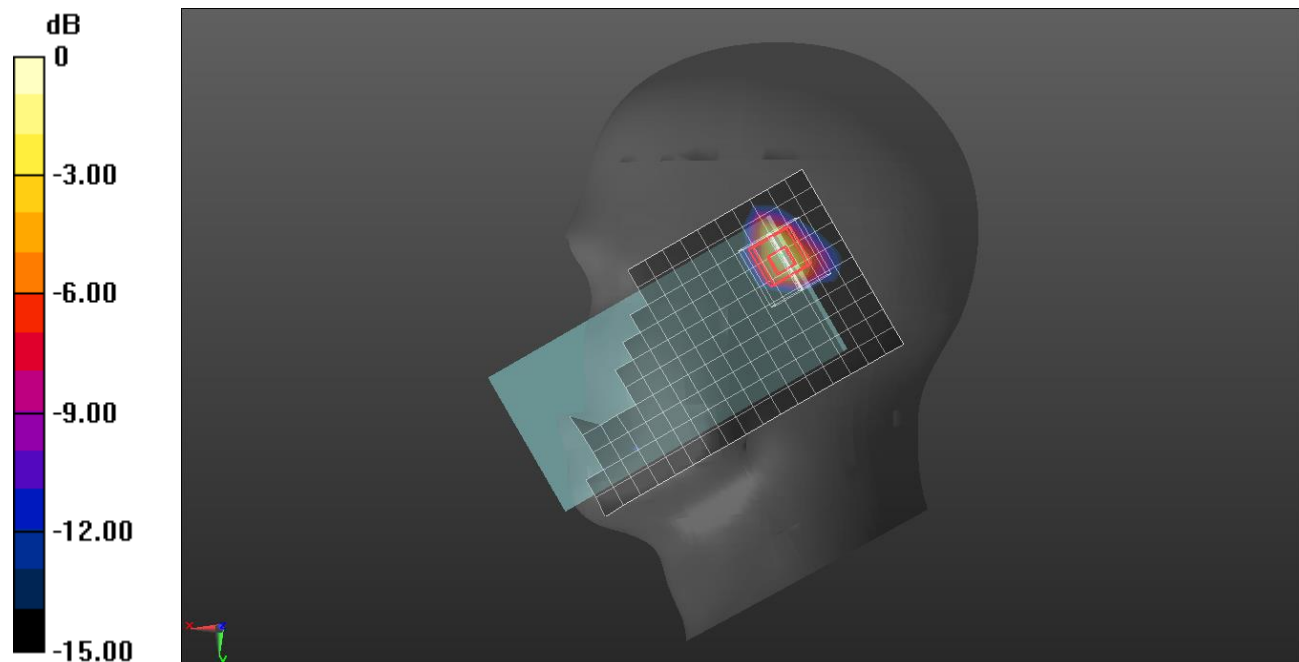
$dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 17.19 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 5.375 \text{ S/m}$; $\epsilon_r = 35.487$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(4.85, 4.85, 4.85) @ 5825 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Rear/802.11 a mode ch.165 SISO Ant.1/Area Scan (20x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.389 W/kg

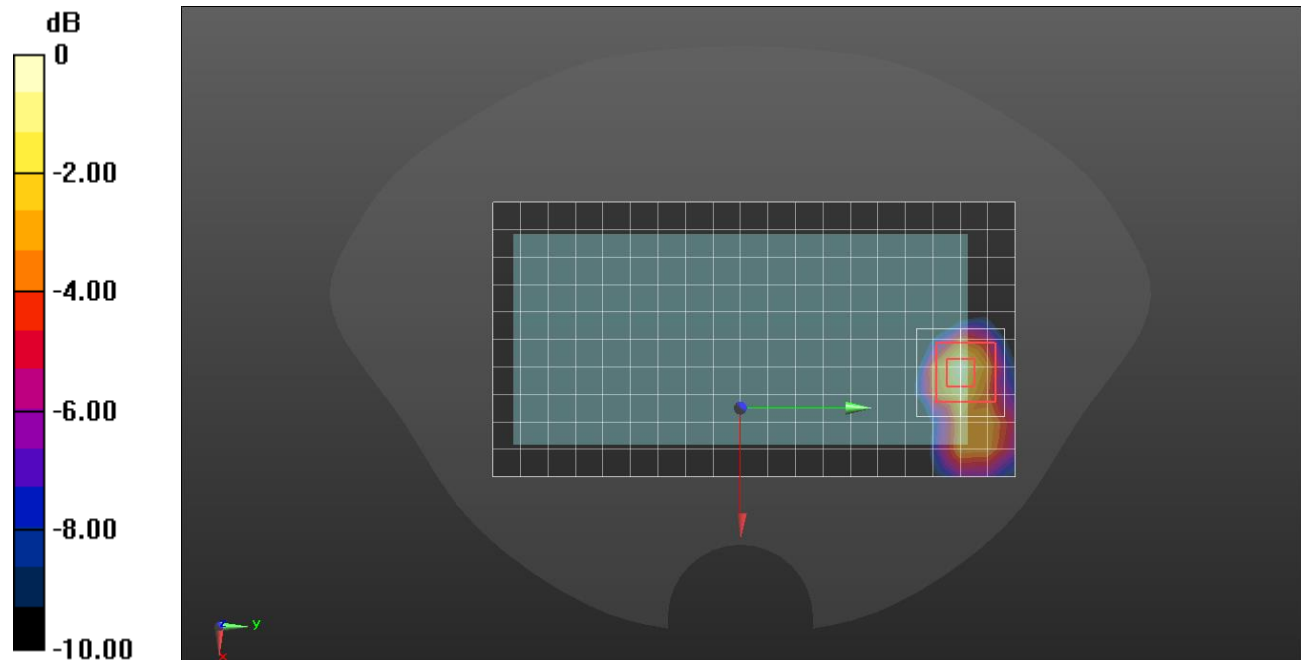
Rear/802.11 a mode ch.165 SISO Ant.1/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.562 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 5745 \text{ MHz}$; $\sigma = 5.292 \text{ S/m}$; $\epsilon_r = 35.493$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1667; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7330; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Edge 1/802.11 a mode ch.149 SISO Ant.1/Area Scan (12x6x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.81 W/kg

Edge 1/802.11 a mode ch.149 SISO Ant.1/Zoom Scan (9x9x7)/Cube 0: Measurement grid:

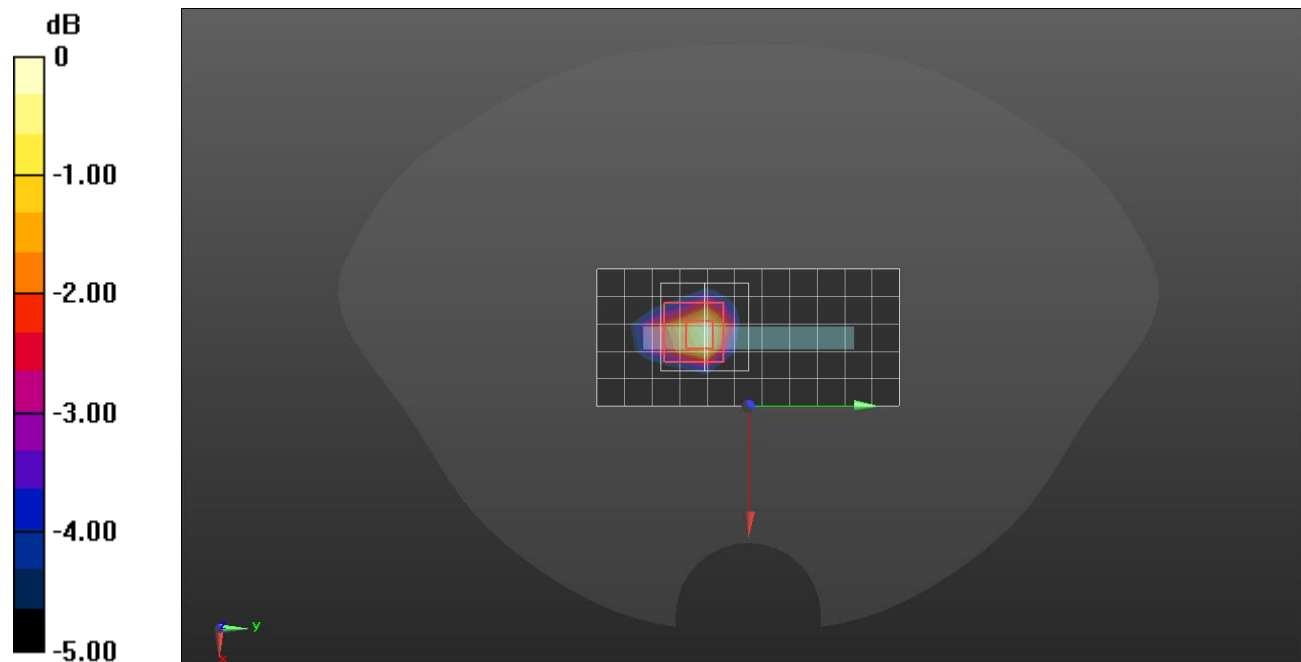
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.75 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

Bluetooth

Frequency: 2402 MHz; Duty Cycle: 1:1.17625; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.461$; $\rho = 1000$ 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 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7646; ConvF(8.34, 8.34, 8.34) @ 2402 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

RHS/Tilt GFSK ch.0 Ant.1/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.160 W/kg

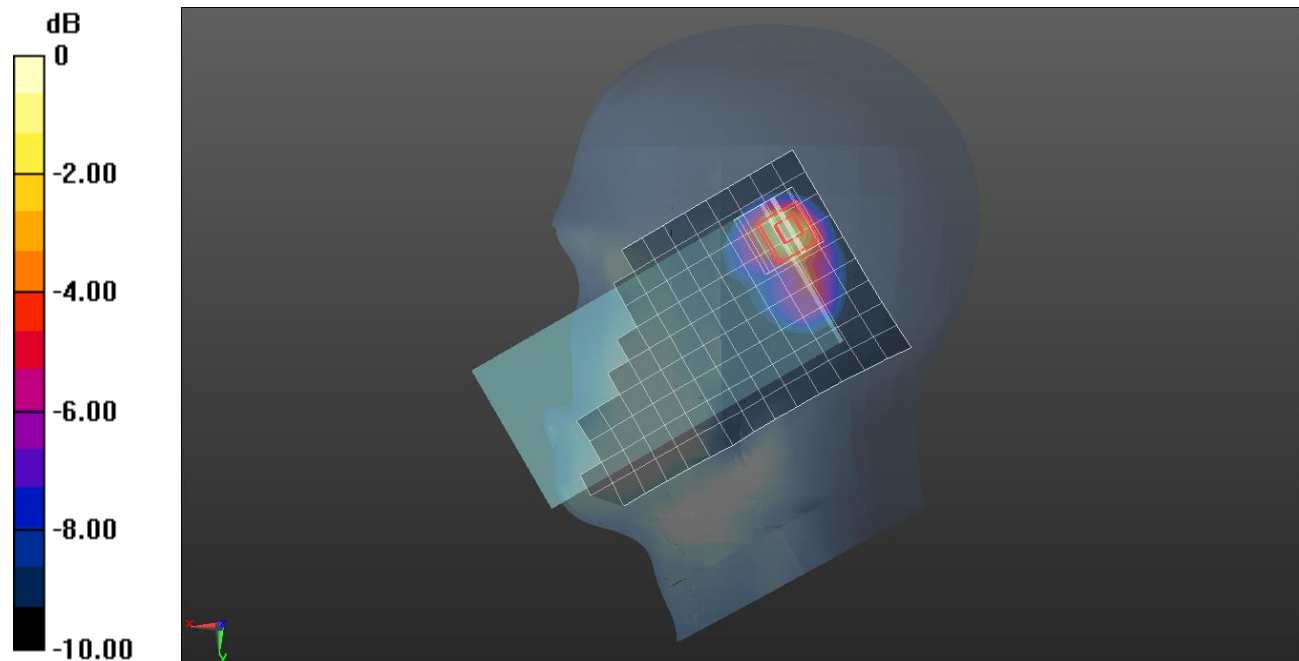
RHS/Tilt GFSK ch.0 Ant.1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.829 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

Bluetooth

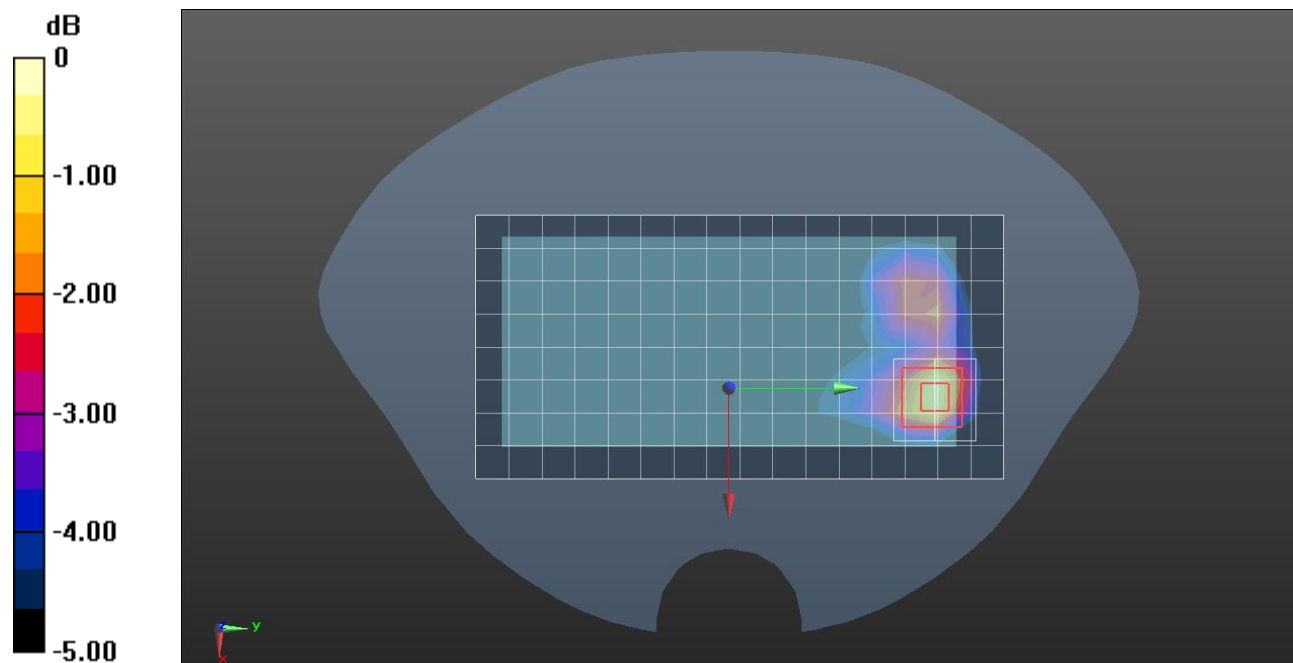
Frequency: 2402 MHz; Duty Cycle: 1:1.17625; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.461$; $\rho = 1000$ kg/m³

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 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7646; ConvF(8.34, 8.34, 8.34) @ 2402 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

Rear/GFSK ch.0 Ant.1/Area Scan (17x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.0497 W/kg

Rear/GFSK ch.0 Ant.1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 5.151 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.017 W/kg
 Maximum value of SAR (measured) = 0.0557 W/kg



0 dB = 0.0557 W/kg = -12.54 dBW/kg

Bluetooth

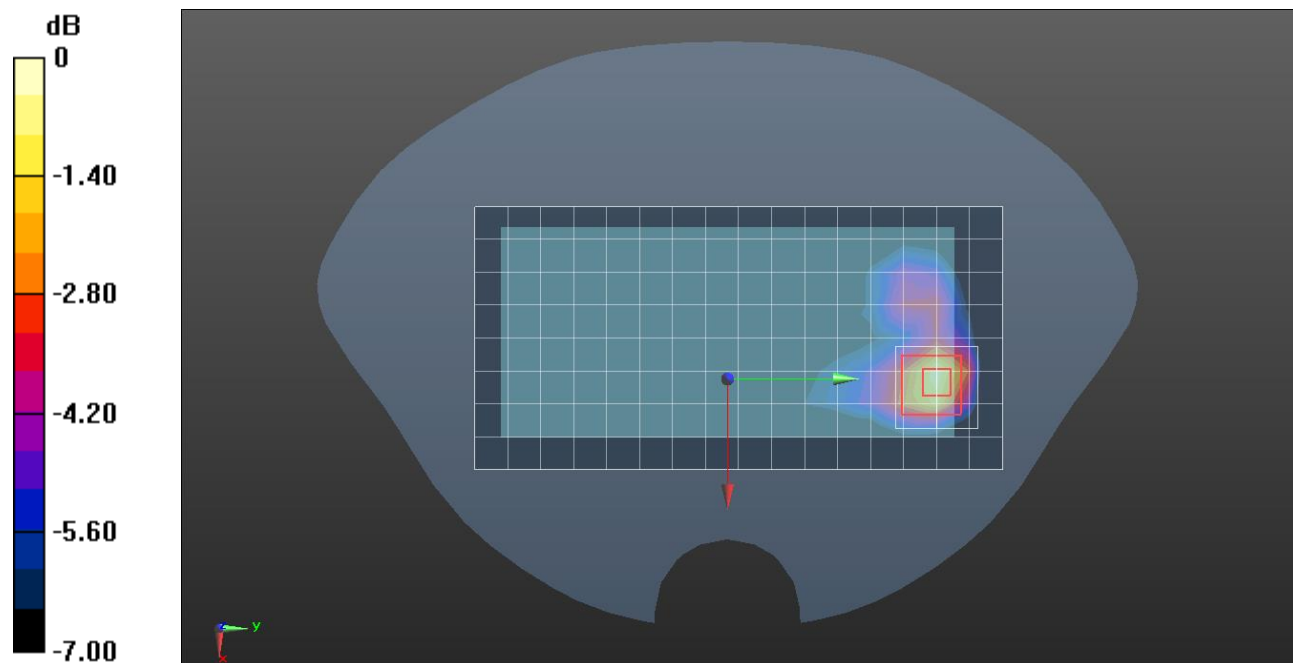
Frequency: 2402 MHz; Duty Cycle: 1:1.17625; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.461$; $\rho = 1000$ kg/m³

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 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7646; ConvF(8.34, 8.34, 8.34) @ 2402 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

Rear/GFSK ch.0 Ant.1/Area Scan (17x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.128 W/kg

Rear/GFSK ch.0 Ant.1//Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.134 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.040 W/kg
 Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Measurement Report for Device, Rear, NFC, UID 0 -, Channel 13600 (13.6MHz)

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	Rear, 0.00	Custom Band	CW, 0--	13.6, 13600	17.91	0.752	56.2

Hardware Setup

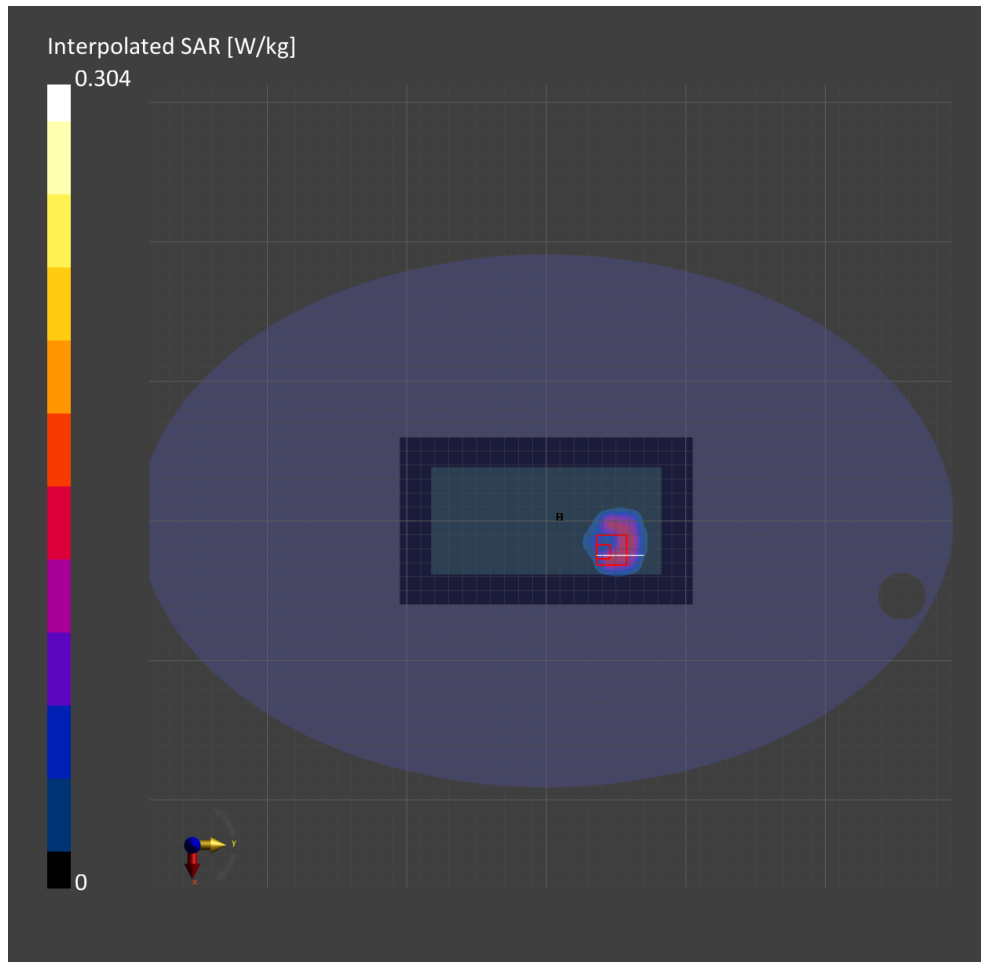
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V6.0 (20deg probe tilt) - 2005	HBBL-600-10000, 2022-Oct-19	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1591, 2022-03-24

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	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.045	0.051
psSAR10g [W/kg]	0.033	0.018
Power Drift [dB]		-0.07



Measurement Report for Device, Rear, NFC, UID 0 -, Channel 13600 (13.6MHz)

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	Rear, 0.00	Custom Band	CW, 0--	13.6, 13600	17.91	0.752	56.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V6.0 (20deg probe tilt) - 2005	HBBL-600-10000, 2022-Oct-19	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1591, 2022-03-24

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	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.048	0.052
psSAR10g [W/kg]	0.033	0.018
Power Drift [dB]		0.04

