

GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	GSM 850	TSL Permittivity	40.5
Frequency [MHz] / Channel Number	836.6 / 190	TSL Conductivity [S/m]	0.938
Group / UID	GSM / 10024-DAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.15	Test Distance [mm]	0.00

DASY Configuration

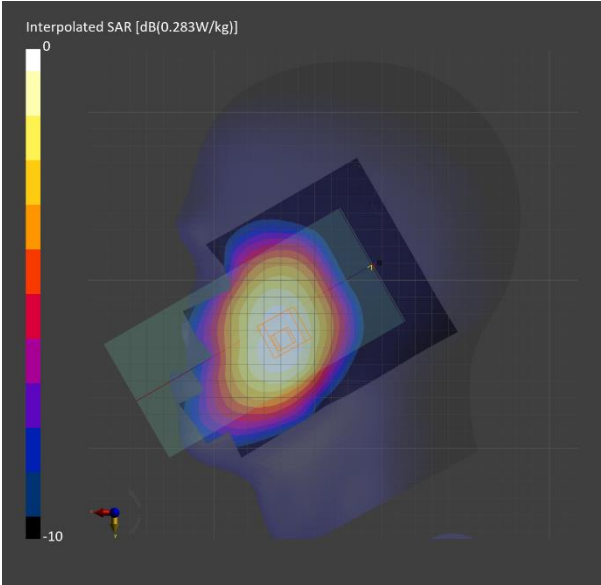
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.248	0.244
psSAR10g [W/Kg]	0.170	0.192
Power Drift [dB]		-0.15
Dist 3dB Peak [mm]		22.5
M2/M1 [%]		93.4



GSM 850: GPRS-FDD (TDMA, GMSK, TN 0), BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	GSM 850	TSL Permittivity	43.1
Frequency [MHz] / Channel Number	836.6 / 190	TSL Conductivity [S/m]	0.899
Group / UID	GSM / 10023-DAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.15	Test Distance [mm]	5.00

DASY Configuration

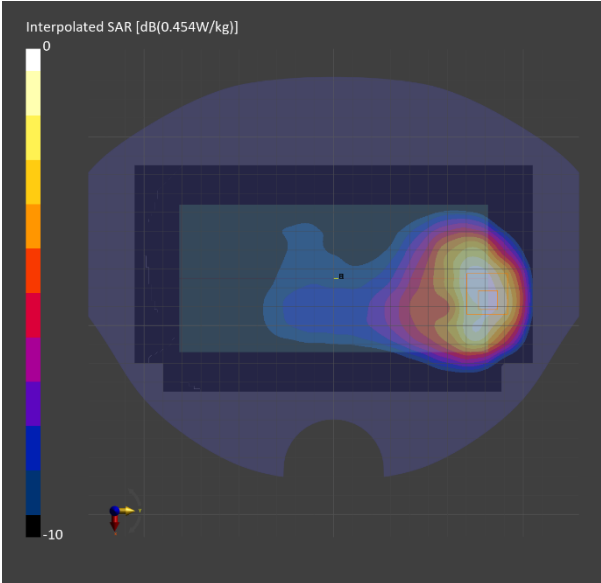
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.382	0.446
psSAR10g [W/Kg]	0.245	0.231
Power Drift [dB]		0.07
Dist 3dB Peak [mm]		8.4
M2/M1 [%]		79.5



GSM 1900

Frequency: 1880 MHz; Communication System Channel Number: 661; Duty Cycle: 1:2.60016

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 38.807$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1880 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Left Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LHS/Touch/GPRS 3 slots ch.661/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0844 W/kg

LHS/Touch/GPRS 3 slots ch.661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.597 V/m; Power Drift = 0.15 dB

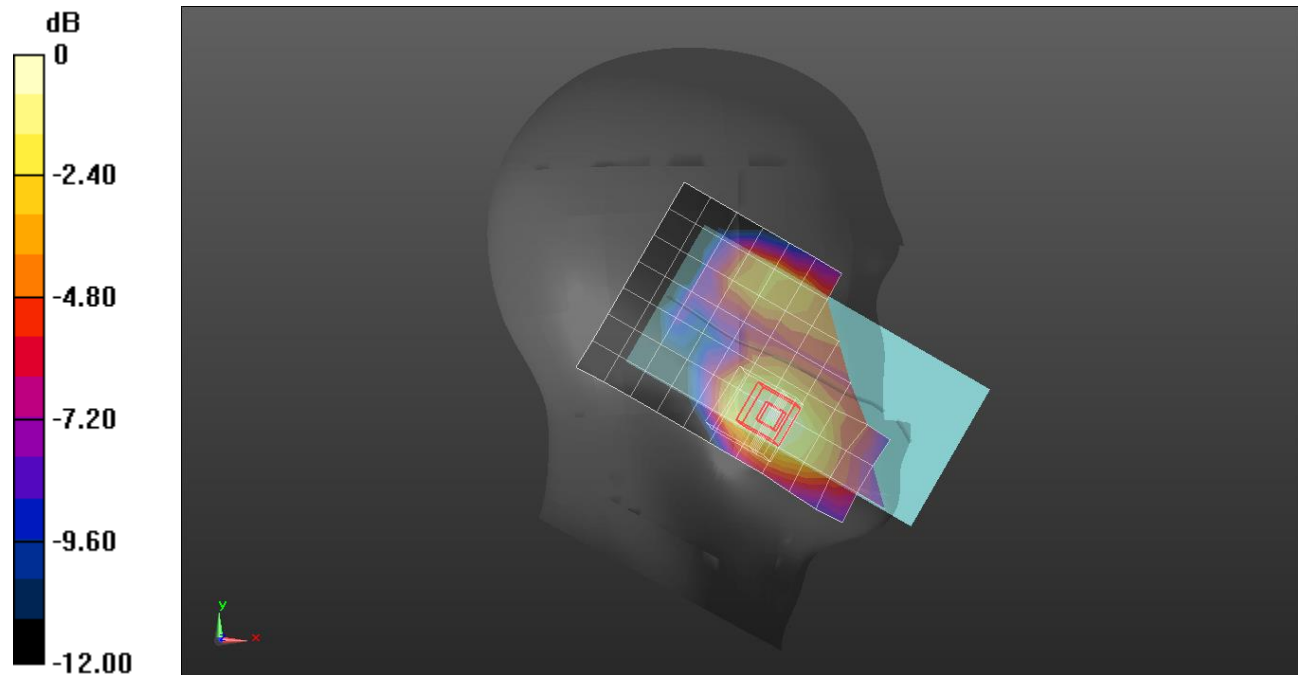
Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 0.0900 W/kg



0 dB = 0.0900 W/kg = -10.46 dBW/kg

GSM 1900

Frequency: 1880 MHz; Communication System Channel Number: 661; Duty Cycle: 1:1.99986

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 40.857$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1880 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/GPRS 4 slots ch.661/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.707 W/kg

Rear/GPRS 4 slots ch.661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.52 V/m; Power Drift = -0.01 dB

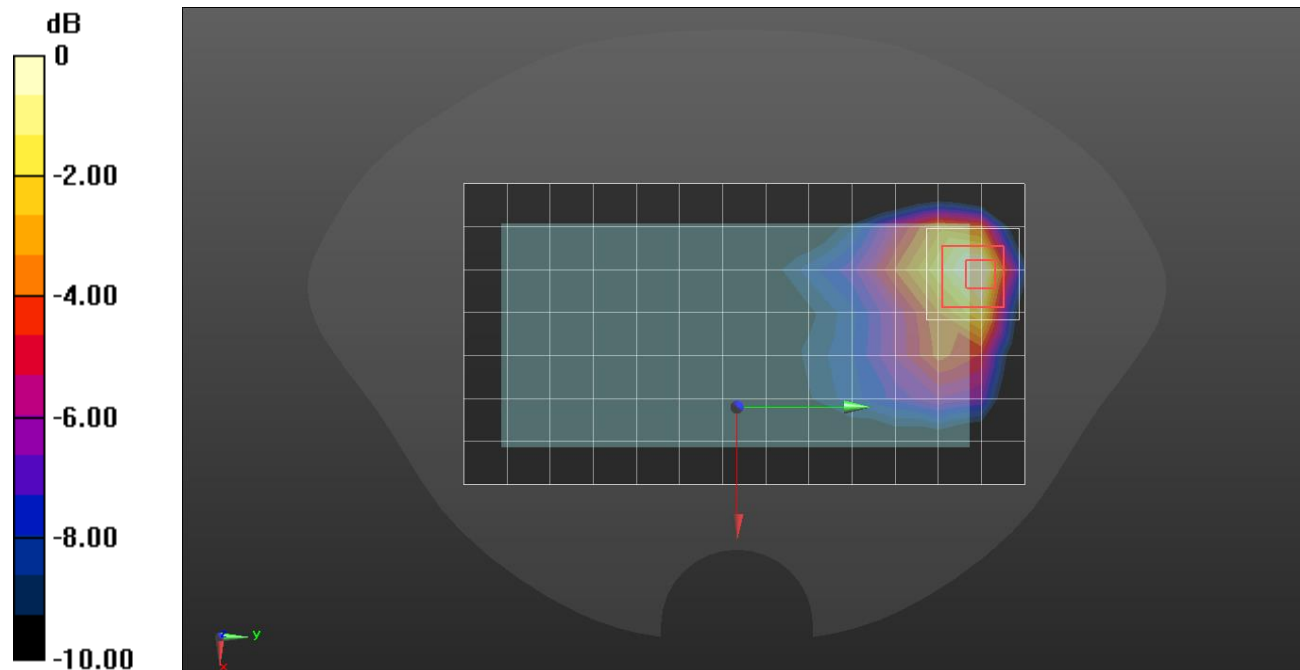
Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.210 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

WCDMA Band II

Frequency: 1880 MHz; Communication System Channel Number: 9400; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 38.807$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1880 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Left Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LHS/Touch/Rel.99 ch.9400/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0717 W/kg

LHS/Touch/Rel.99 ch.9400/Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.394 V/m; Power Drift = 0.07 dB

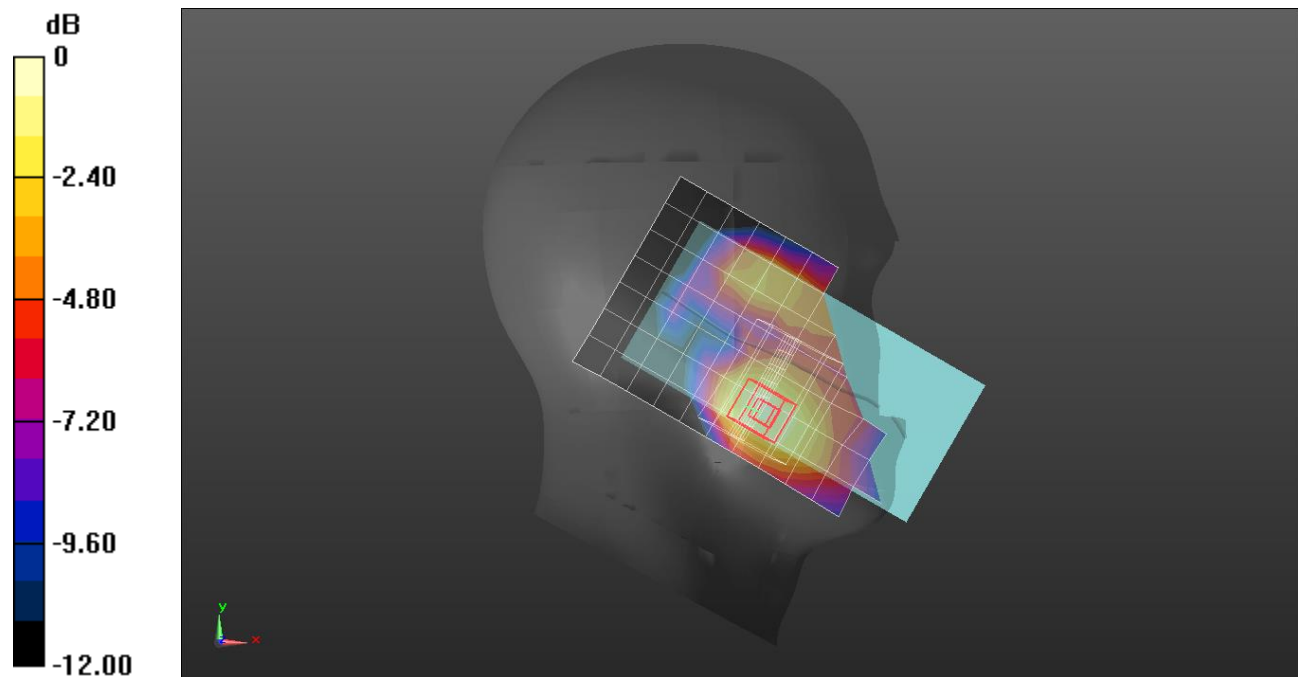
Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.038 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 20 mm)

Ratio of SAR at M2 to SAR at M1 = 68.3%

Maximum value of SAR (measured) = 0.0784 W/kg



0 dB = 0.0784 W/kg = -11.06 dBW/kg

WCDMA Band II

Frequency: 1907.6 MHz; Communication System Channel Number: 9538; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 40.05$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1907.6 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/Rel.99 ch.9538/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.858 W/kg

Rear/Rel.99 ch.9538/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.27 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.52 W/kg

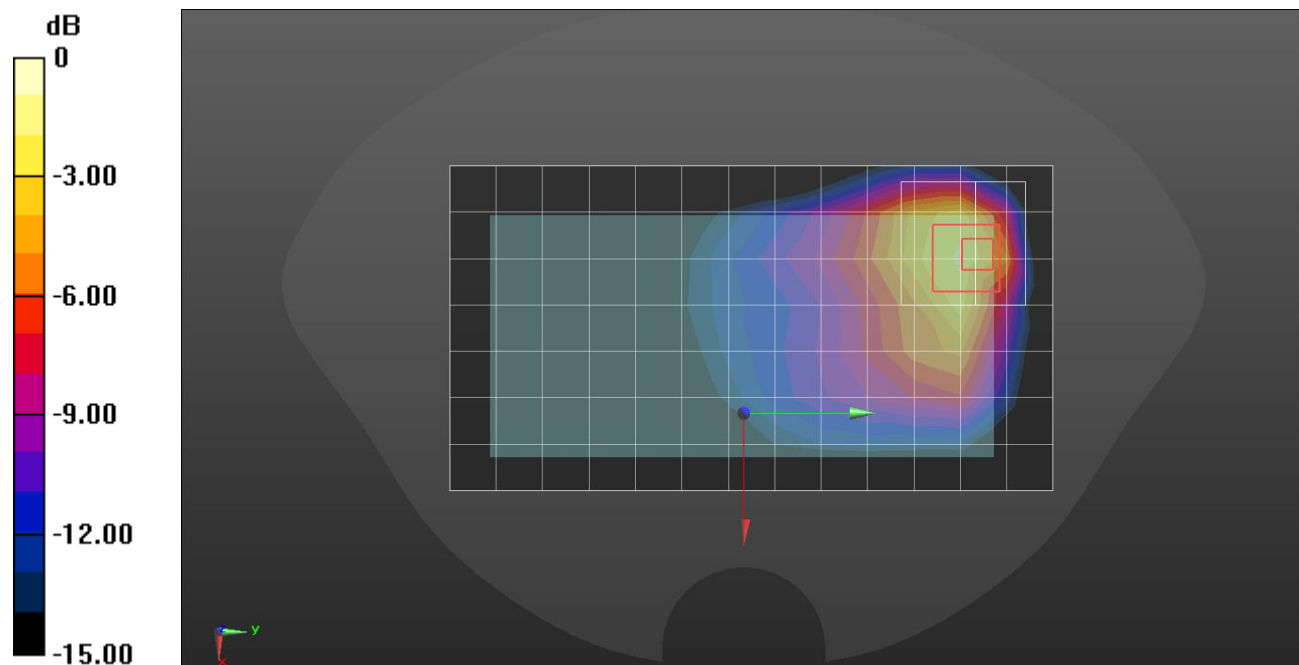
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.381 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.09 dBW/kg

WCDMA Band IV

Frequency: 1732.6 MHz; Communication System Channel Number: 1413; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 39.33$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1732.6 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Left Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LHS/Touch/Rel.99 ch.1413/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.112 W/kg

LHS/Touch/Rel.99 ch.1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.790 V/m; Power Drift = 0.12 dB

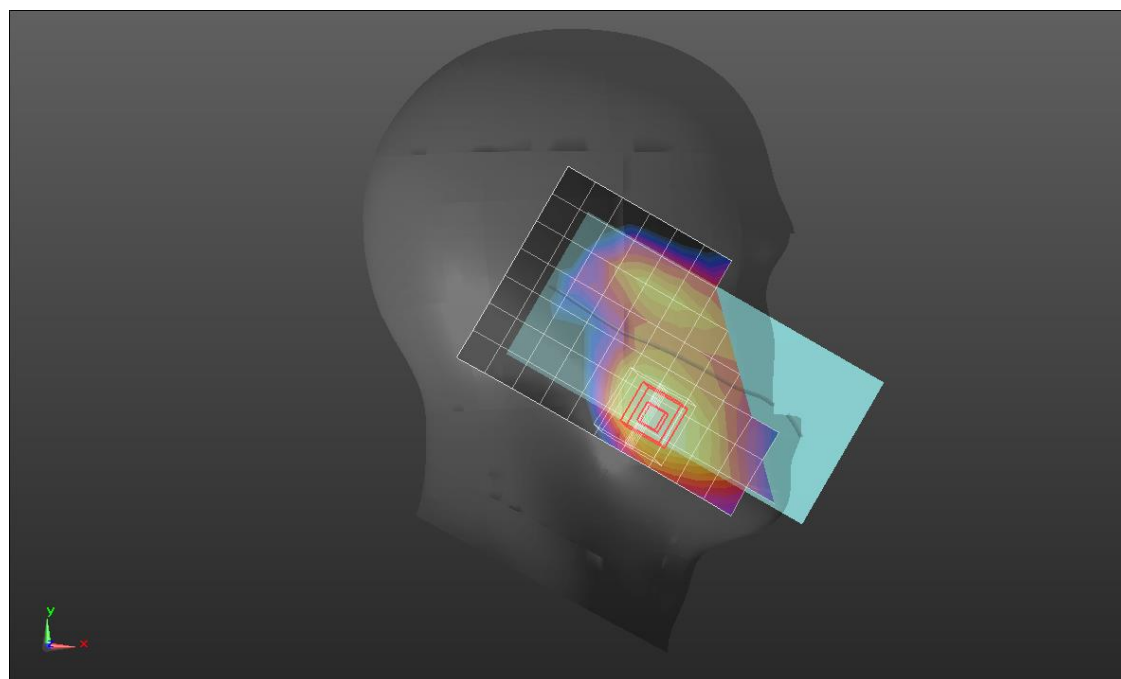
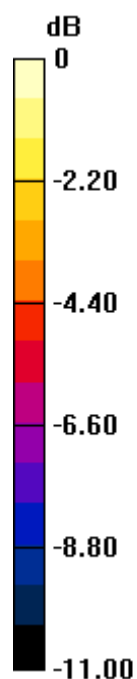
Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.062 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.6%

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

WCDMA Band IV

Frequency: 1752.6 MHz; Communication System Channel Number: 1513; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.331$ S/m; $\epsilon_r = 40.655$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1752.6 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/Rel.99 ch.1513/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.740 W/kg

Rear/Rel.99 ch.1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.42 V/m; Power Drift = -0.03 dB

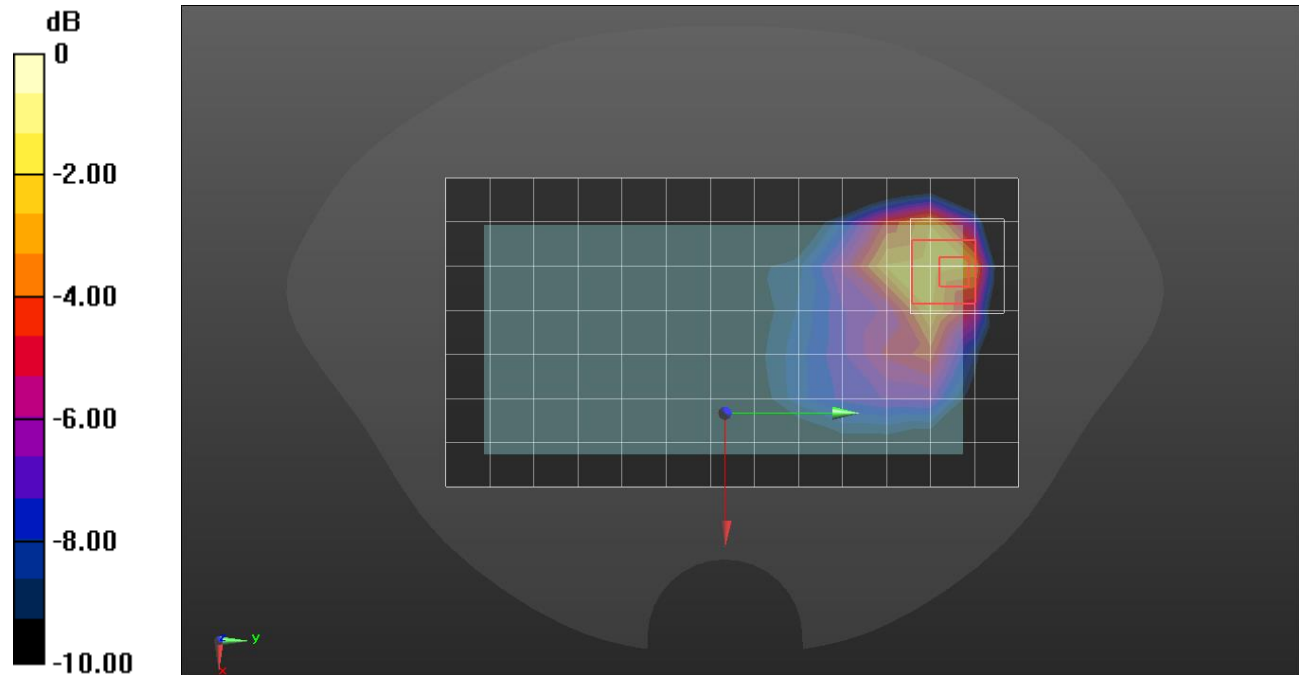
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.377 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Band 5: UMTS-FDD (WCDMA), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 5	TSL Permittivity	40.5
Frequency [MHz] / Channel Number	836.6 / 4183	TSL Conductivity [S/m]	0.938
Group / UID	WCDMA / 10011-CAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.15	Test Distance [mm]	0.00

DASY Configuration

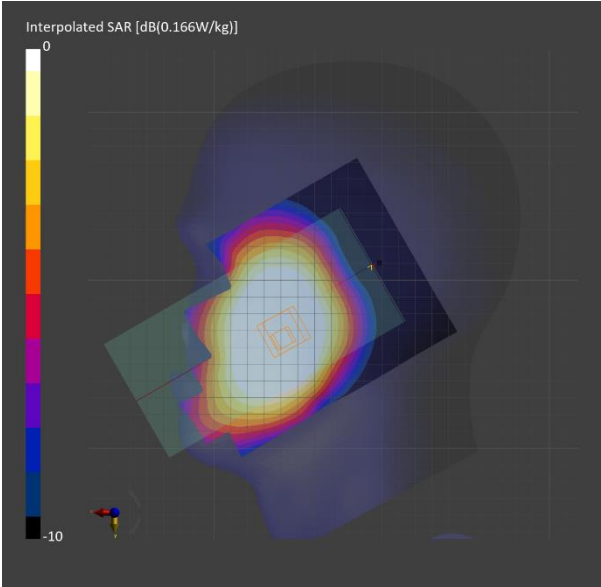
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.259	0.255
psSAR10g [W/Kg]	0.177	0.197
Power Drift [dB]		-0.12
Dist 3dB Peak [mm]		22.4
M2/M1 [%]		92.6



Band 5: UMTS-FDD (WCDMA), BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 5	TSL Permittivity	40.5
Frequency [MHz] / Channel Number	846.6 / 4233	TSL Conductivity [S/m]	0.942
Group / UID	WCDMA / 10011-CAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.15	Test Distance [mm]	5.00

DASY Configuration

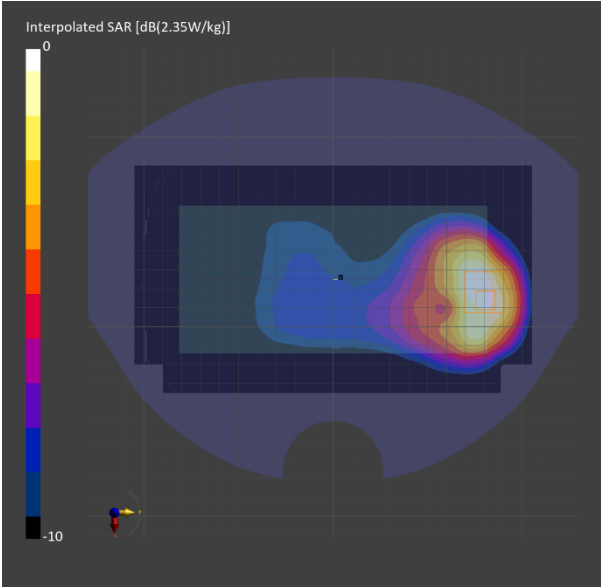
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	1.03	1.13
psSAR10g [W/Kg]	0.649	0.596
Power Drift [dB]		0.00
Dist 3dB Peak [mm]		7.3
M2/M1 [%]		78.8



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 71	TSL Permittivity	42.6
Frequency [MHz] / Channel Number	680.5 / 133297	TSL Conductivity [S/m]	0.856
Group / UID	LTE-FDD / 10169-CAF	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.17	Test Distance [mm]	0.00

DASY Configuration

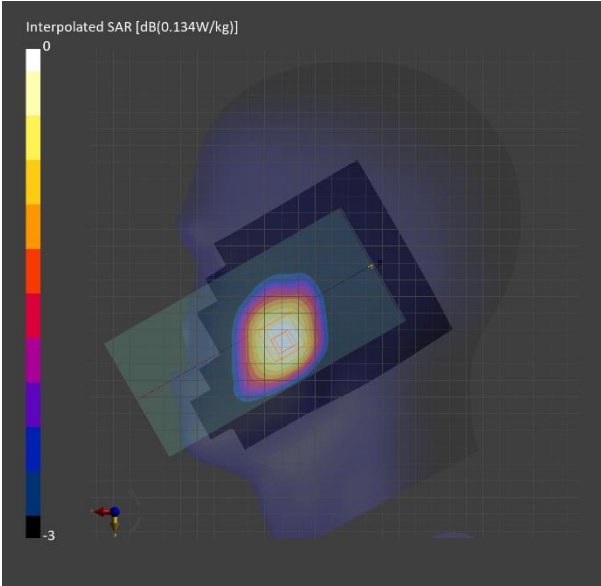
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.098	0.105
psSAR10g [W/Kg]	0.069	0.083
Power Drift [dB]		-0.00
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		90.9



Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK), EDGE RIGHT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 71	TSL Permittivity	42.6
Frequency [MHz] / Channel Number	680.5 / 133297	TSL Conductivity [S/m]	0.856
Group / UID	LTE-FDD / 10169-CAF	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.17	Test Distance [mm]	5.00

DASY Configuration

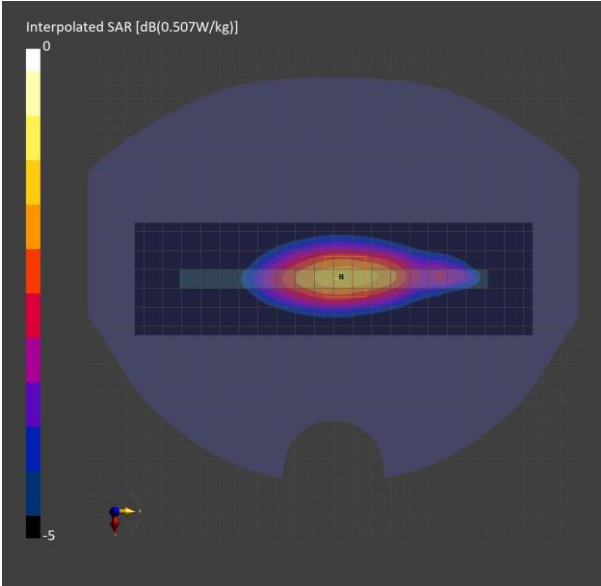
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	9.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.322	0.328
psSAR10g [W/Kg]	0.221	0.227
Power Drift [dB]		0.01
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		85.1



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 12	TSL Permittivity	42.5
Frequency [MHz] / Channel Number	707.5 / 23095	TSL Conductivity [S/m]	0.864
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.17	Test Distance [mm]	0.00

DASY Configuration

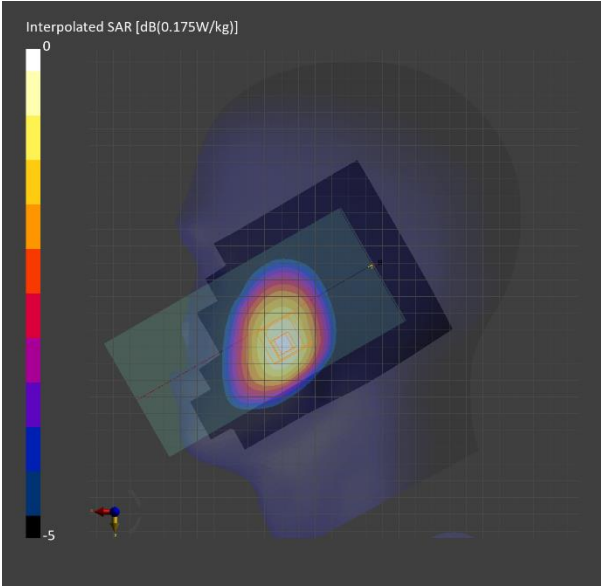
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.143	0.144
psSAR10g [W/Kg]	0.10	0.115
Power Drift [dB]		-0.09
Dist 3dB Peak [mm]		20.0
M2/M1 [%]		94.8



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), EDGE BOTTOM
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 12	TSL Permittivity	42.5
Frequency [MHz] / Channel Number	707.5 / 23095	TSL Conductivity [S/m]	0.864
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.17	Test Distance [mm]	5.00

DASY Configuration

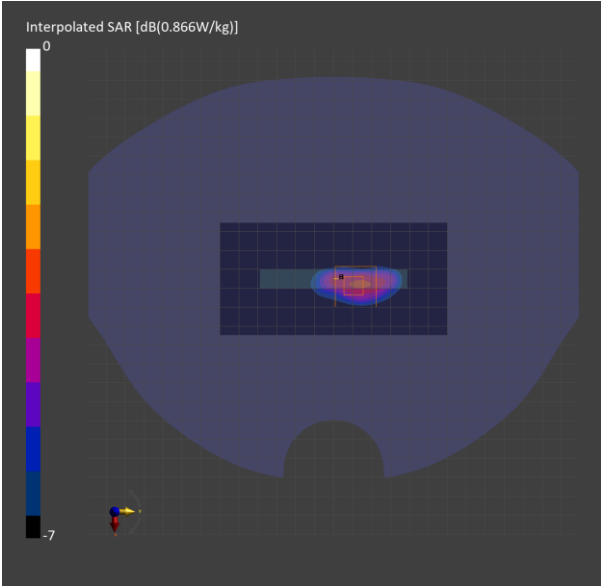
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	9.9 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.339	0.352
psSAR10g [W/Kg]	0.199	0.168
Power Drift [dB]		-0.03
Dist 3dB Peak [mm]		7.1
M2/M1 [%]		72.0



Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 13	TSL Permittivity	42.3
Frequency [MHz] / Channel Number	782.0 / 23230	TSL Conductivity [S/m]	0.888
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.17	Test Distance [mm]	0.00

DASY Configuration

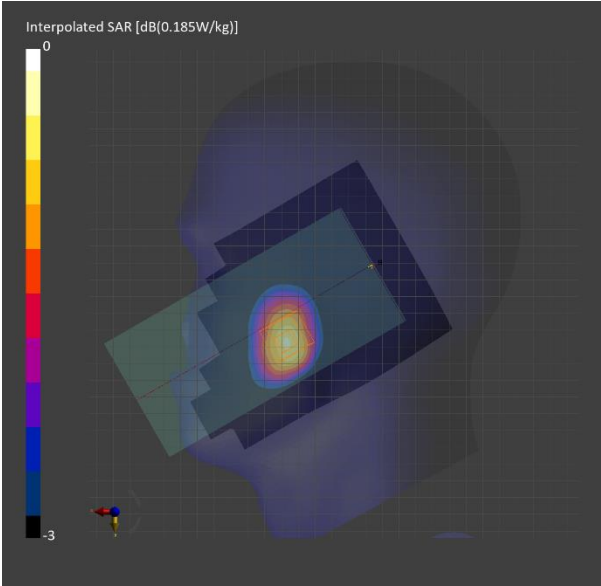
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.145	0.153
psSAR10g [W/Kg]	0.10	0.121
Power Drift [dB]		-0.07
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		95.8



Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), EDGE BOTTOM
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 13	TSL Permittivity	42.3
Frequency [MHz] / Channel Number	782.0 / 23230	TSL Conductivity [S/m]	0.888
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.17	Test Distance [mm]	5.00

DASY Configuration

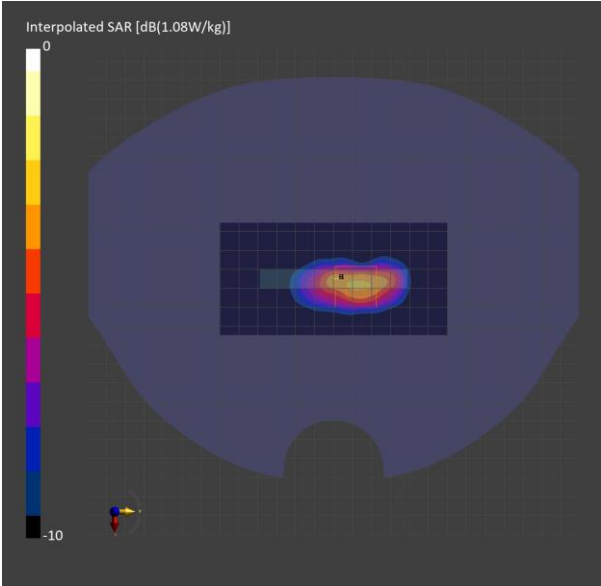
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	9.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.447	0.467
psSAR10g [W/Kg]	0.261	0.224
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		7.2
M2/M1 [%]		74.2



Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 14	TSL Permittivity	42.2
Frequency [MHz] / Channel Number	793.0 / 23330	TSL Conductivity [S/m]	0.887
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.17	Test Distance [mm]	0.00

DASY Configuration

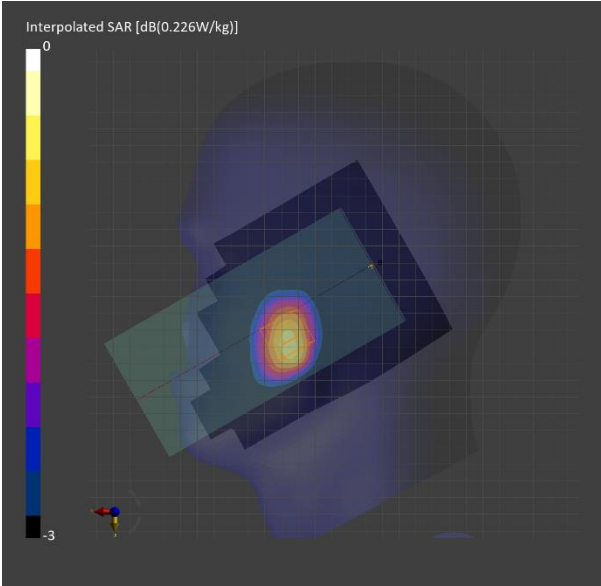
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.172	0.176
psSAR10g [W/Kg]	0.119	0.140
Power Drift [dB]		-0.09
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		95.7



Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), BACK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 14	TSL Permittivity	42.2
Frequency [MHz] / Channel Number	793.0 / 23330	TSL Conductivity [S/m]	0.887
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.17	Test Distance [mm]	5.00

DASY Configuration

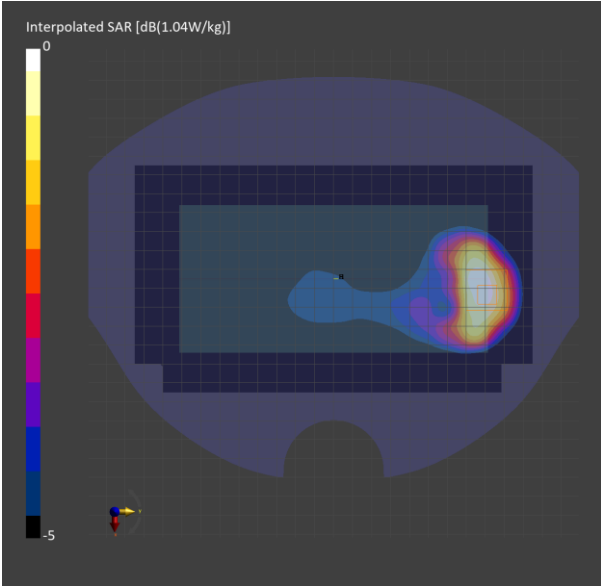
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.496	0.540
psSAR10g [W/Kg]	0.324	0.299
Power Drift [dB]		-0.02
Dist 3dB Peak [mm]		9.6
M2/M1 [%]		79.6



Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK), TILT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 26	TSL Permittivity	40.1
Frequency [MHz] / Channel Number	831.500 / 26865	TSL Conductivity [S/m]	0.896
Group / UID	LTE-FDD / 10181-CAF	Phantom Section / TSL	LeftHead / Head Simulating Liquid
Conversion Factor	9.21	Test Distance [mm]	0.00

DASY Configuration

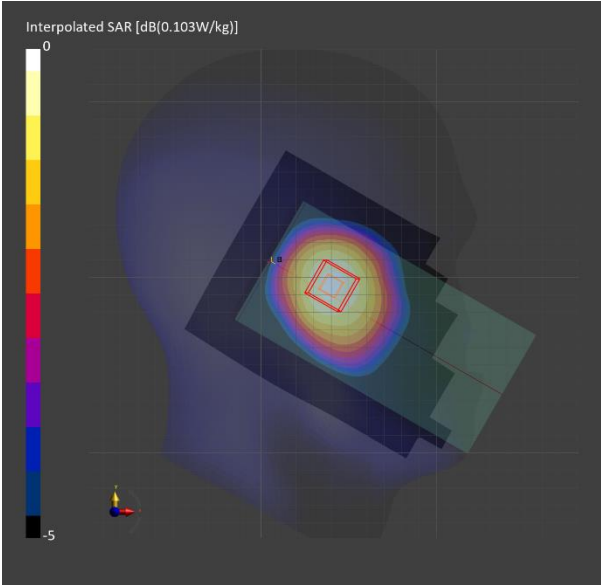
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.085	0.087
psSAR10g [W/Kg]	0.059	0.069
Power Drift [dB]		0.00
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		95.8



Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK), EDGE BOTTOM

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 26	TSL Permittivity	40.2
Frequency [MHz] / Channel Number	831.500 / 26865	TSL Conductivity [S/m]	0.891
Group / UID	LTE-FDD / 10181-CAF	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	9.21	Test Distance [mm]	5.00

DASY Configuration

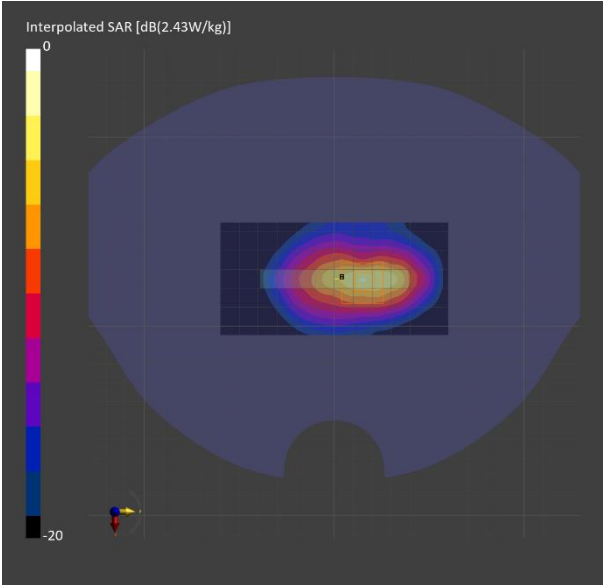
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	9.9 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.892	0.883
psSAR10g [W/Kg]	0.465	0.392
Power Drift [dB]		0.02
Dist 3dB Peak [mm]		5.8
M2/M1 [%]		73.0



LTE Band 66

Frequency: 1770 MHz; Communication System Channel Number: 132572; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 40.632$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1770 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/QPSK RB 50/0 ch.132572/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.23 W/kg

Rear/QPSK RB 50/0 ch.132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.82 V/m; Power Drift = -0.01 dB

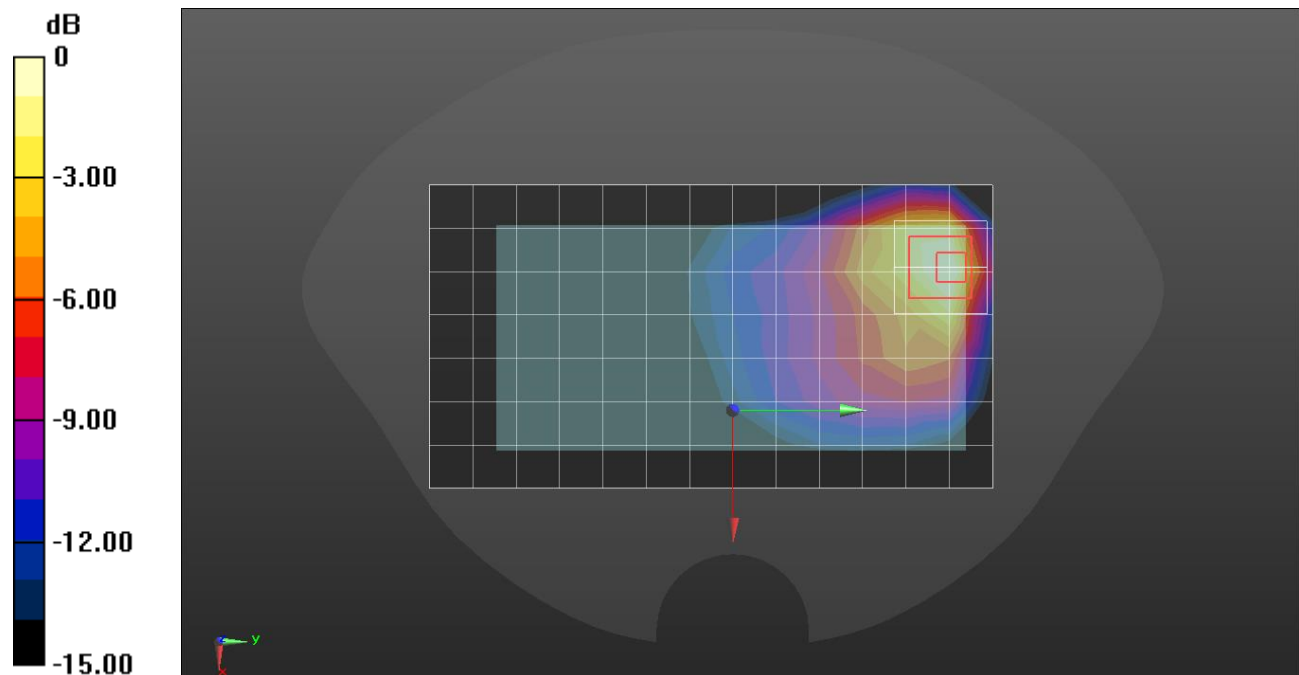
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.337 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.989 W/kg



0 dB = 0.989 W/kg = -0.05 dBW/kg

LTE Band 66

Frequency: 1720 MHz; Communication System Channel Number: 132072; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 40.702$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1720 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch/QPSK RB 1/0 ch.132072/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.786 W/kg

RHS/Touch/QPSK RB 1/0 ch.132072/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=5mm

Reference Value = 21.28 V/m; Power Drift = 0.07 dB

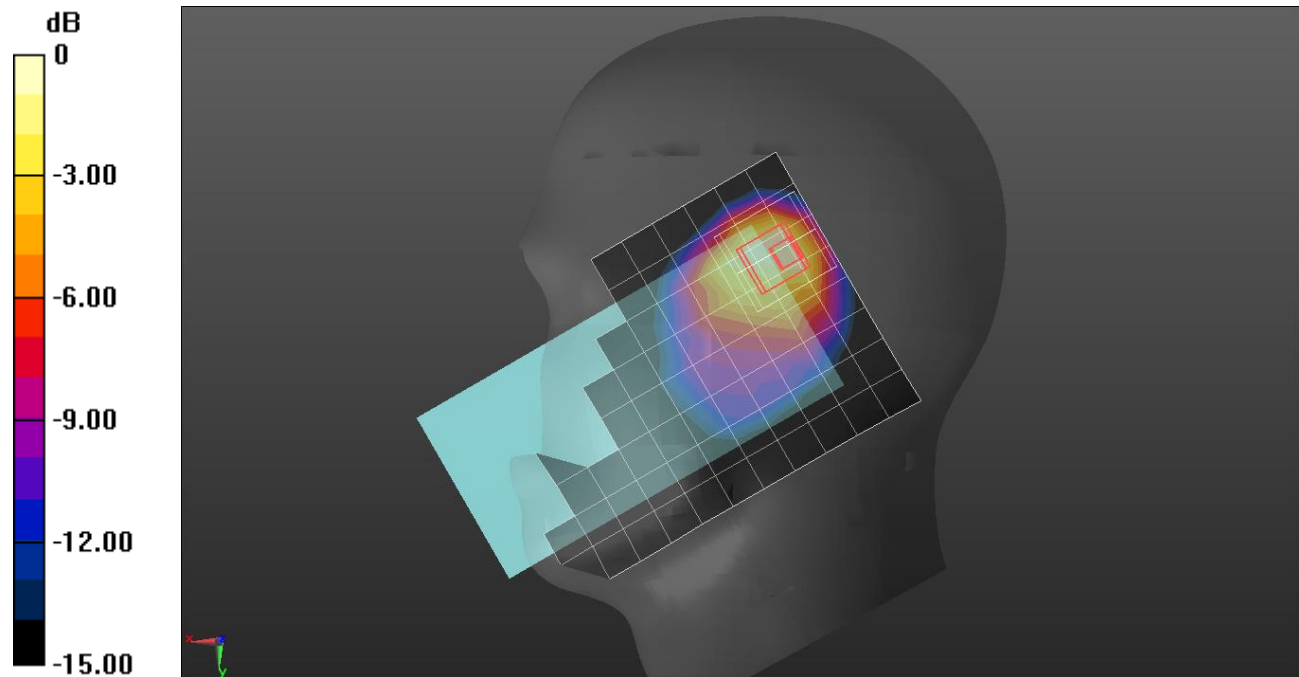
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.295 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 0.819 W/kg = -0.87 dBW/kg

LTE Band 25

Frequency: 1860 MHz; Communication System Channel Number: 26140; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1860 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Tilt/QPSK RB 1/49 ch.26140/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.618 W/kg

RHS/Tilt/QPSK RB 1/49 ch.26140/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 18.83 V/m; Power Drift = 0.09 dB

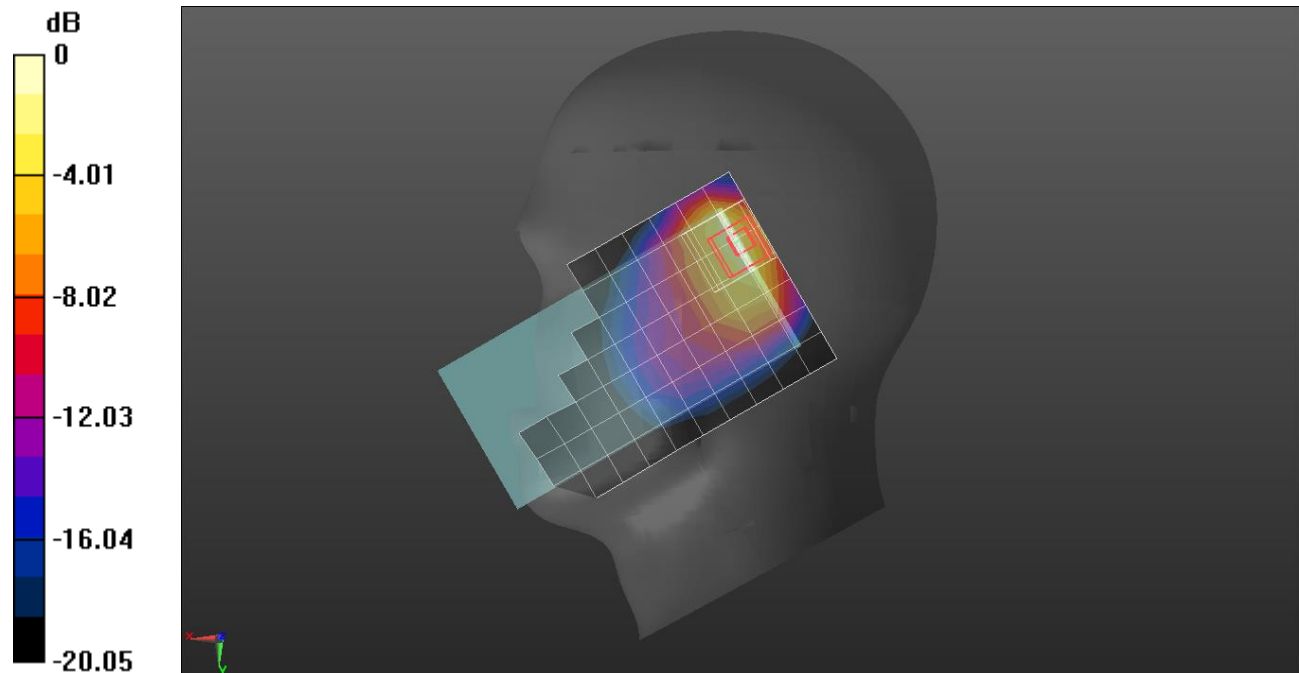
Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.204 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

LTE Band 25

Frequency: 1860 MHz; Communication System Channel Number: 26140; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 38.714$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1860 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Top/QPSK RB 1/49 ch.26140/Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.954 W/kg

Top/QPSK RB 1/49 ch.26140/Zoom Scan (10x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 23.88 V/m; Power Drift = 0.07 dB

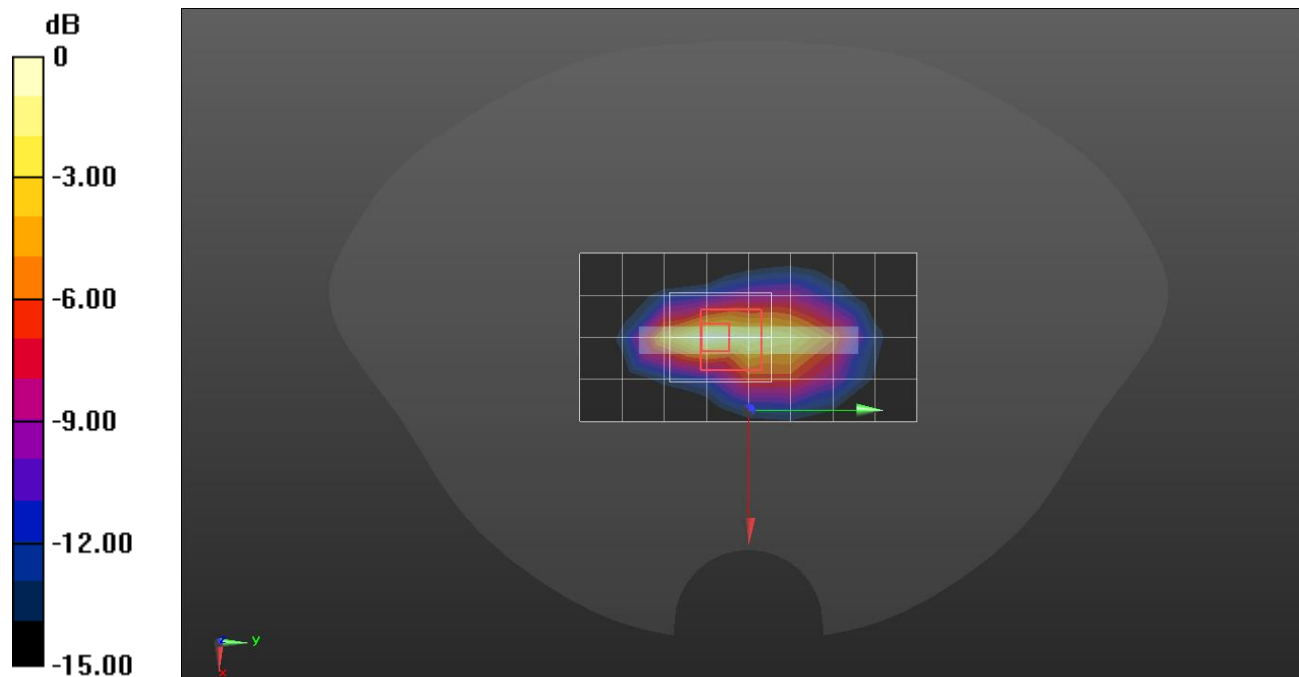
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.258 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.2%

Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 0.958 W/kg = -0.19 dBW/kg

Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 30	TSL Permittivity	40.3
Frequency [MHz] / Channel Number	2310.0 / 27710	TSL Conductivity [S/m]	1.61
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	LeftHead / HSL
Conversion Factor	7.36	Test Distance [mm]	0.00

DASY Configuration

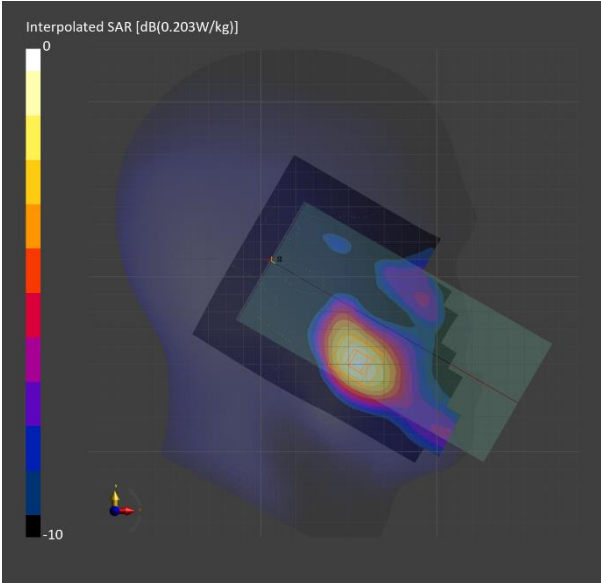
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.135	0.137
psSAR10g [W/Kg]	0.073	0.082
Power Drift [dB]		-0.11
Dist 3dB Peak [mm]		12.8
M2/M1 [%]		92.0



Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 30	TSL Permittivity	40.3
Frequency [MHz] / Channel Number	2310.0 / 27710	TSL Conductivity [S/m]	1.61
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

DASY Configuration

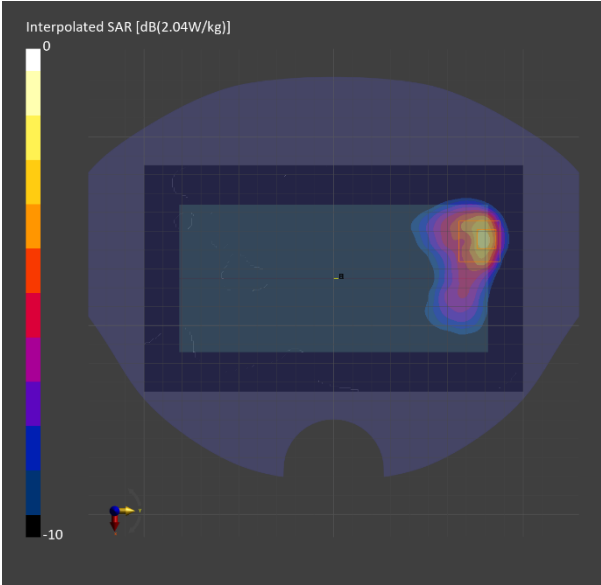
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.961	0.931
psSAR10g [W/Kg]	0.462	0.445
Power Drift [dB]		0.02
Dist 3dB Peak [mm]		7.7
M2/M1 [%]		78.2



Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 7	TSL Permittivity	40.3
Frequency [MHz] / Channel Number	2560.0 / 21350	TSL Conductivity [S/m]	1.91
Group / UID	LTE-FDD / 10297-AAE	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

DASY Configuration

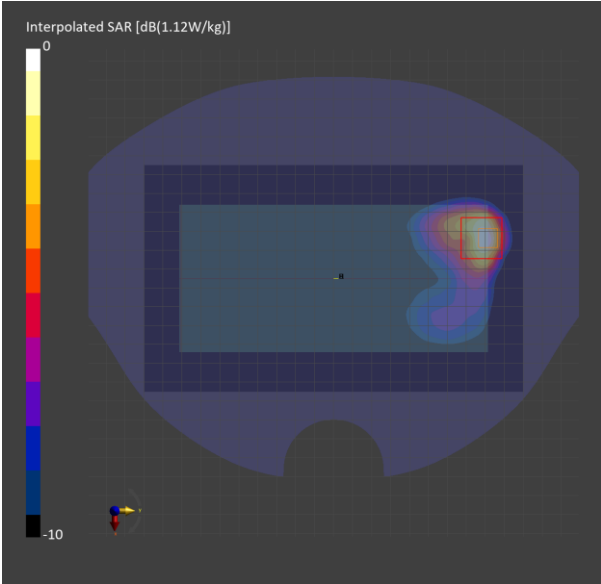
Probe Calibration Date	EX3DV4 - SN7651 2024-03-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1494 2024-07-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.793	0.774
psSAR10g [W/Kg]	0.345	0.319
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		6.5
M2/M1 [%]		75.9



Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK), TILT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 7	TSL Permittivity	39.9
Frequency [MHz] / Channel Number	2535.0 / 21100	TSL Conductivity [S/m]	1.90
Group / UID	LTE-FDD / 10297-AAE	Phantom Section / TSL	RightHead / HSL
Conversion Factor	7.11	Test Distance [mm]	0.00

DASY Configuration

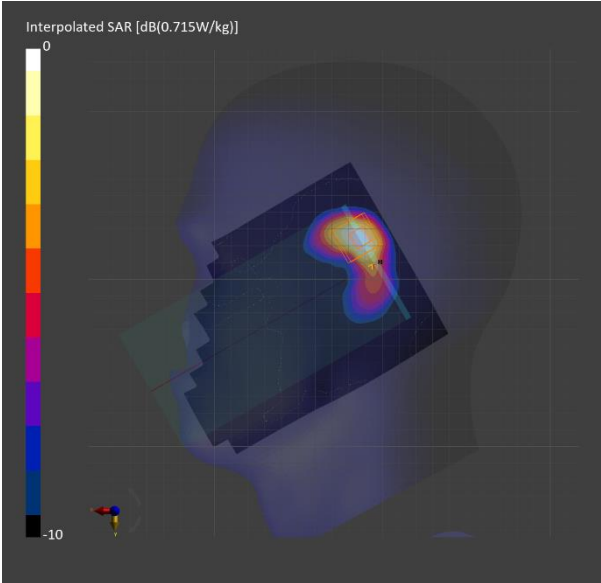
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.319	0.327
psSAR10g [W/Kg]	0.145	0.143
Power Drift [dB]		-0.15
Dist 3dB Peak [mm]		7.1
M2/M1 [%]		78.8



Band 41: LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)
AntennaCfg:SISO, BACK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 41	TSL Permittivity	39.7
Frequency [MHz] / Channel Number	2680.0 / 41490	TSL Conductivity [S/m]	2.02
Group / UID	LTE-TDD / 10512-AAG	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

DASY Configuration

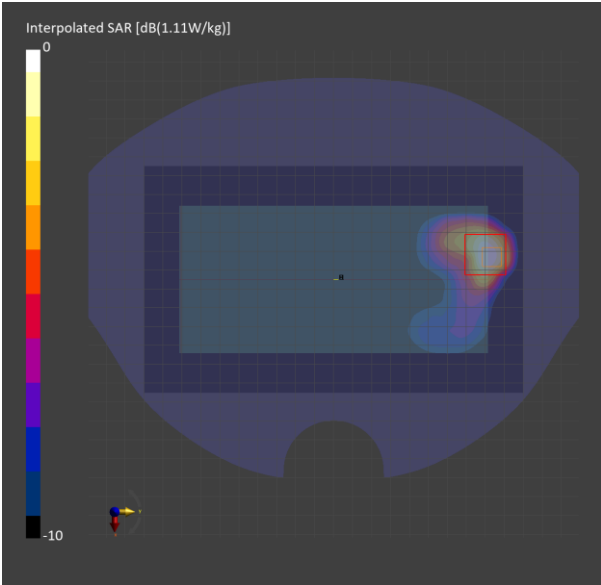
Probe Calibration Date	EX3DV4 - SN7651 2024-03-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1494 2024-07-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.840	0.912
psSAR10g [W/Kg]	0.370	0.368
Power Drift [dB]		0.00
Dist 3dB Peak [mm]		5.9
M2/M1 [%]		76.7



Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9), TILT
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 41	TSL Permittivity	39.9
Frequency [MHz] / Channel Number	2549.5 / 40185	TSL Conductivity [S/m]	1.92
Group / UID	LTE-TDD / 10494-AAG	Phantom Section / TSL	RightHead / HSL
Conversion Factor	7.11	Test Distance [mm]	0.00

DASY Configuration

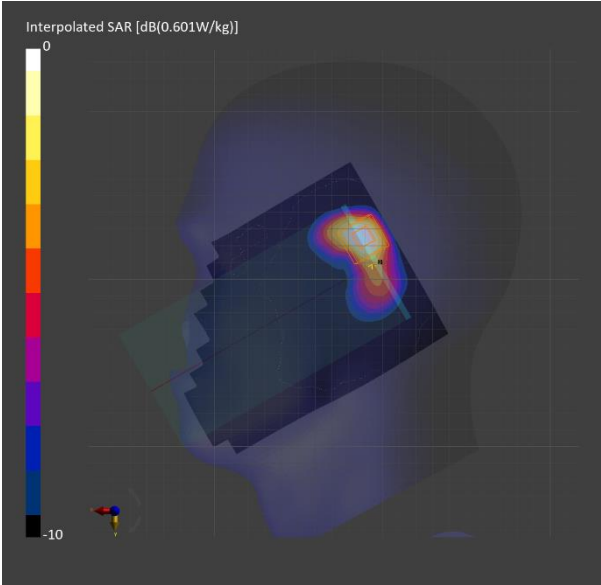
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.251	0.274
psSAR10g [W/Kg]	0.118	0.117
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		7.3
M2/M1 [%]		79.2



Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 48	TSL Permittivity	37.7
Frequency [MHz] / Channel Number	3560.0 / 55340	TSL Conductivity [S/m]	2.88
Group / UID	LTE-TDD / 10435-AAG	Phantom Section / TSL	RightHead / HSL
Conversion Factor	6.66	Test Distance [mm]	0.00

DASY Configuration

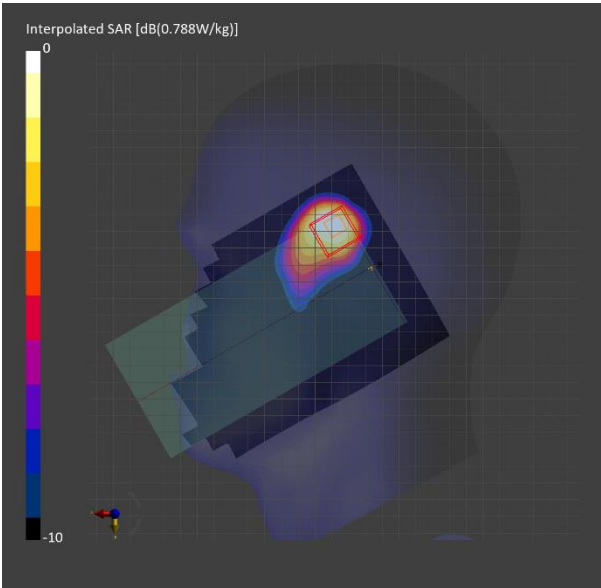
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.579	0.554
psSAR10g [W/Kg]	0.265	0.250
Power Drift [dB]		0.04
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		71.5



Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9), EDGE LEFT
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band 48	TSL Permittivity	37.7
Frequency [MHz] / Channel Number	3560.0 / 55340	TSL Conductivity [S/m]	2.87
Group / UID	LTE-TDD / 10435-AAG	Phantom Section / TSL	Flat / HSL
Conversion Factor	6.66	Test Distance [mm]	5.00

DASY Configuration

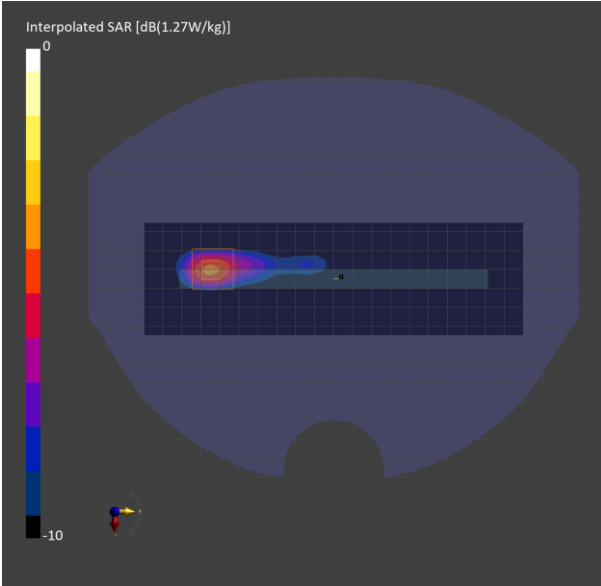
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	9.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.374	0.453
psSAR10g [W/Kg]	0.153	0.160
Power Drift [dB]		-0.08
Dist 3dB Peak [mm]		6.0
M2/M1 [%]		74.5



Band n71: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n71	TSL Permittivity	41.2
Frequency [MHz] / Channel Number	680.500 / 136100	TSL Conductivity [S/m]	0.867
Group / UID	5G NR FR1 FDD / 10939-AAC	Phantom Section / TSL	RightHead / Head Simulating Liquid
Conversion Factor	9.02	Test Distance [mm]	0.00

DASY Configuration

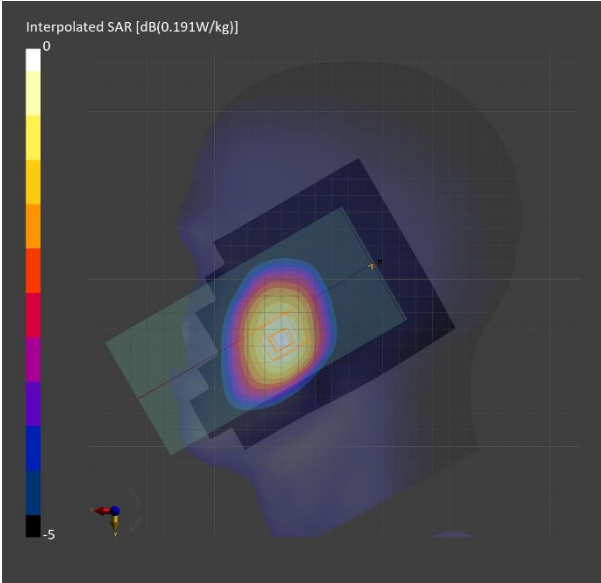
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.157	0.161
psSAR10g [W/Kg]	0.110	0.127
Power Drift [dB]		-0.04
Dist 3dB Peak [mm]		23.9
M2/M1 [%]		95.7



Band n71: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz), BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n71	TSL Permittivity	41.2
Frequency [MHz] / Channel Number	680.500 / 136100	TSL Conductivity [S/m]	0.867
Group / UID	5G NR FR1 FDD / 10939-AAC	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	9.02	Test Distance [mm]	5.00

DASY Configuration

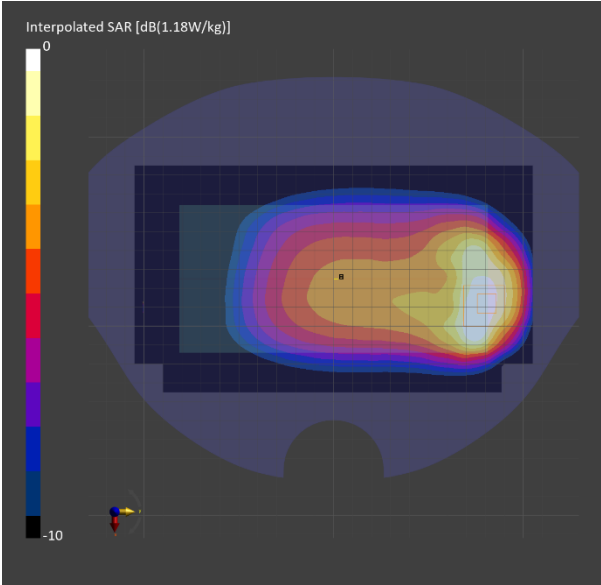
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.524	0.563
psSAR10g [W/Kg]	0.346	0.304
Power Drift [dB]		-0.03
Dist 3dB Peak [mm]		9.7
M2/M1 [%]		75.4



Band n5: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n5	TSL Permittivity	40.0
Frequency [MHz] / Channel Number	836.500 / 167300	TSL Conductivity [S/m]	0.898
Group / UID	5G NR FR1 FDD / 10939-AAC	Phantom Section / TSL	RightHead / Head Simulating Liquid
Conversion Factor	9.21	Test Distance [mm]	0.00

DASY Configuration

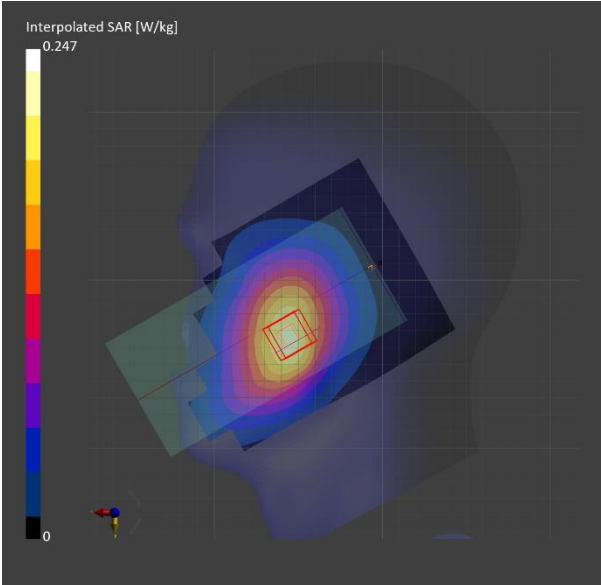
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.189	0.198
psSAR10g [W/Kg]	0.129	0.152
Power Drift [dB]		-0.04
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		94.7



Band n5: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz), BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n5	TSL Permittivity	40.2
Frequency [MHz] / Channel Number	836.500 / 167300	TSL Conductivity [S/m]	0.893
Group / UID	5G NR FR1 FDD / 10939-AAC	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	9.21	Test Distance [mm]	5.00

DASY Configuration

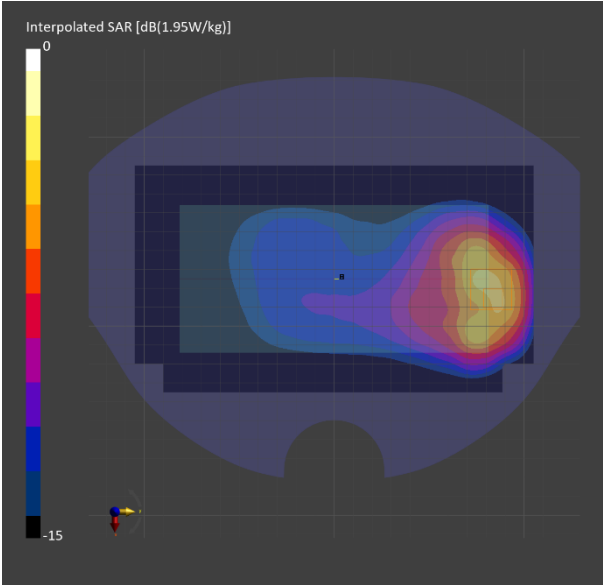
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.771	0.919
psSAR10g [W/Kg]	0.507	0.484
Power Drift [dB]		-0.02
Dist 3dB Peak [mm]		7.2
M2/M1 [%]		75.9



NR Band n70

Frequency: 1702.5 MHz; Communication System Channel Number: 340500; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.288$ S/m; $\epsilon_r = 38.874$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1702.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Tilt/QPSK RB 36/21 ch.340500/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.599 W/kg

RHS/Tilt/QPSK RB 36/21 ch.340500/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=5mm

Reference Value = 20.90 V/m; Power Drift = 0.02 dB

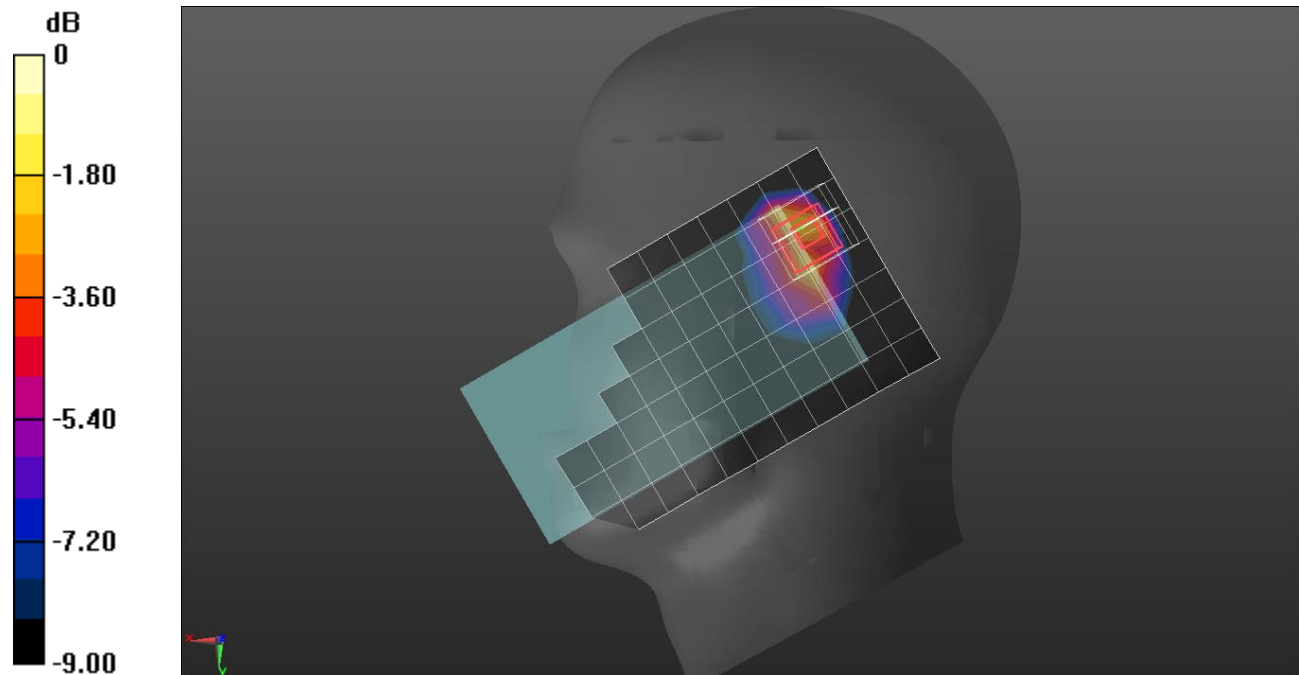
Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

NR Band n70

Frequency: 1702.5 MHz; Communication System Channel Number: 340500; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 40.57$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1702.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Top/QPSK RB 36/21 ch.340500/Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.961 W/kg

Top/QPSK RB 36/21 ch.340500/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.10 V/m; Power Drift = 0.05 dB

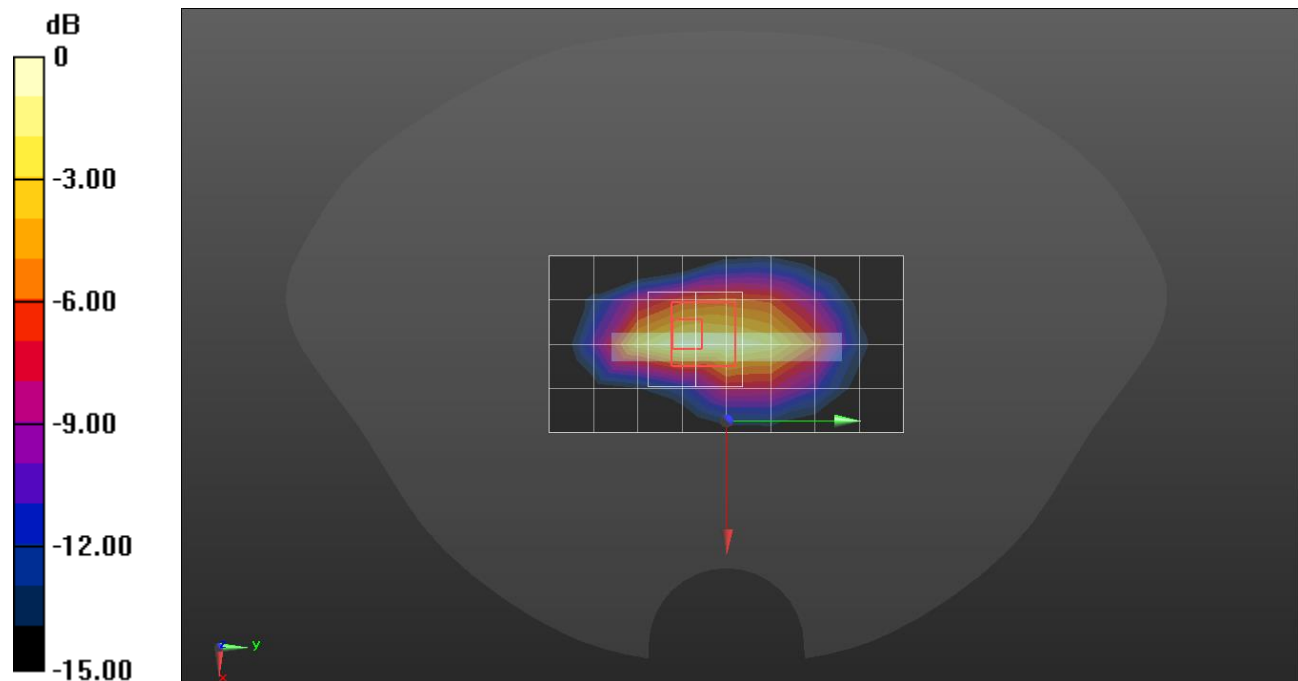
Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.330 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

NR Band n66

Frequency: 1745 MHz; Communication System Channel Number: 349000; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.666$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1745 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/QPSK RB 108/54 ch.349000/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.783 W/kg

Rear/QPSK RB 108/54 ch.349000/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.88 V/m; Power Drift = 0.09 dB

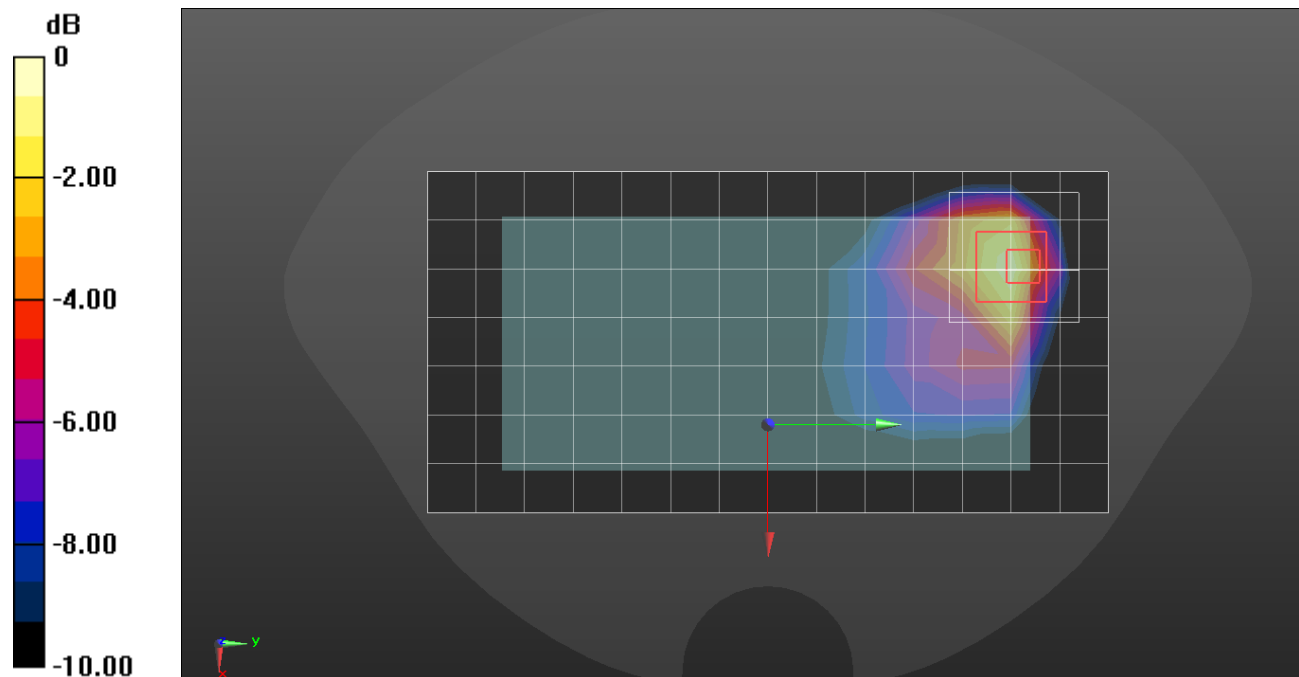
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.273 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.8%

Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.912 W/kg = -0.40 dBW/kg

NR Band n66

Frequency: 1745 MHz; Communication System Channel Number: 349000; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 38.788$; $\rho = 1000$ 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.74, 7.87, 7.65) @ 1745 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Tilt/QPSK RB 108/108 ch.349000/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

RHS/Tilt/QPSK RB 108/108 ch.349000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=6mm, dy=6mm, dz=5mm

Reference Value = 18.77 V/m; Power Drift = 0.08 dB

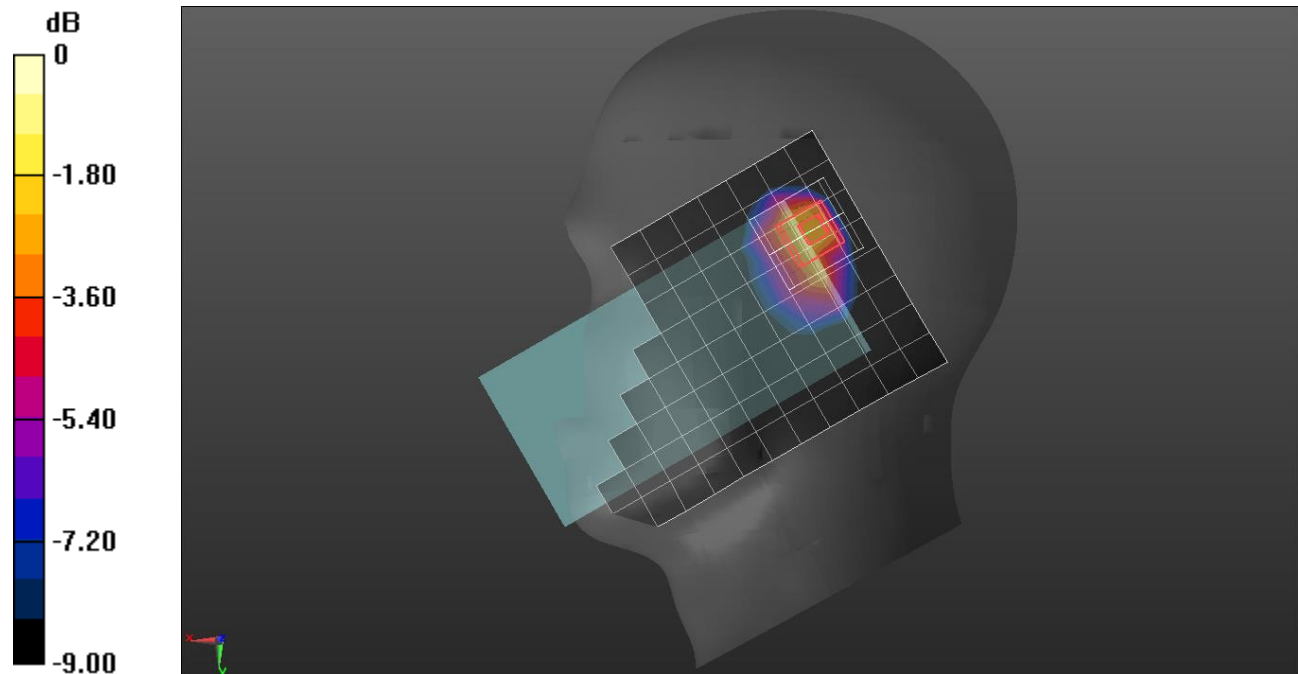
Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.244 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%.

Maximum value of SAR (measured) = 0.782 W/kg



0 dB = 0.782 W/kg = -1.07 dBW/kg

NR Band n25

Frequency: 1882.5 MHz; Communication System Channel Number: 376500; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.357$ S/m; $\epsilon_r = 40.857$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1882.5 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/QPSK RB 108/54 ch.376500/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Rear/QPSK RB 108/54 ch.376500/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.78 V/m; Power Drift = 0.01 dB

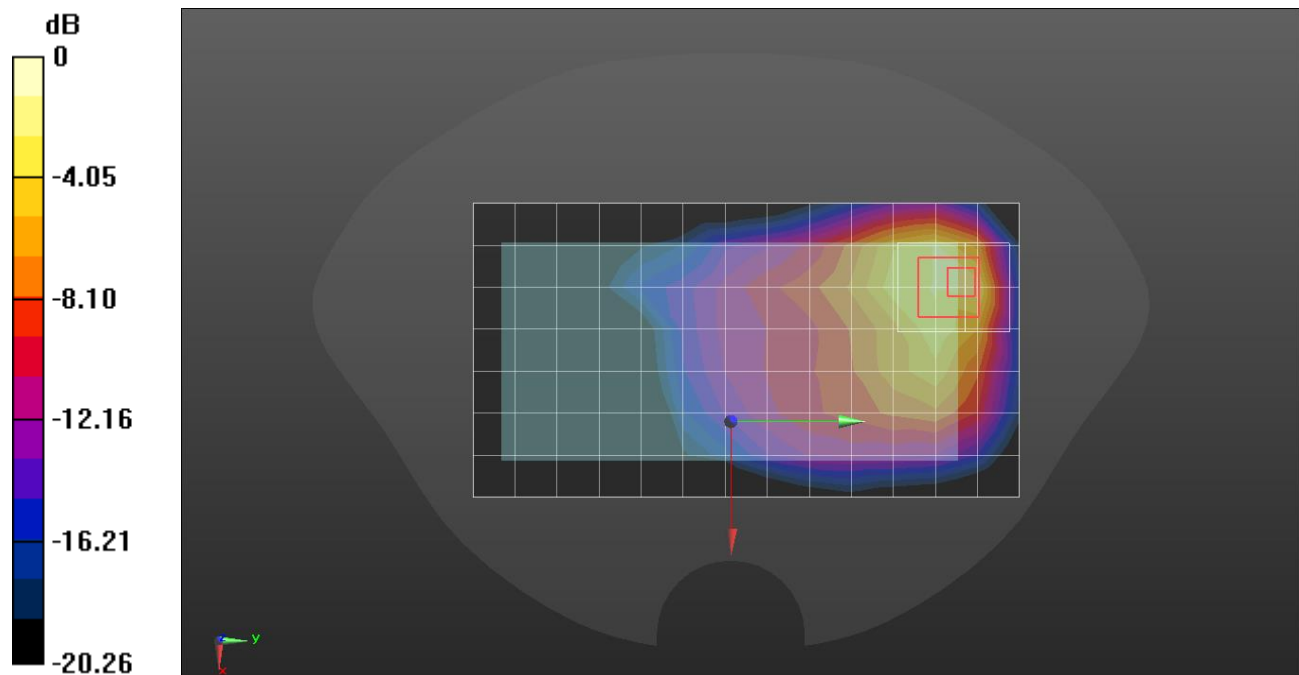
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.277 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923 W/kg = -0.35 dBW/kg

NR Band n25

Frequency: 1882.5 MHz; Communication System Channel Number: 376500; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.299$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1882.5 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch/QPSK RB 1/107 ch.376500/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.680 W/kg

RHS/Touch/QPSK RB 1/107 ch.376500/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.76 V/m; Power Drift = -0.09 dB

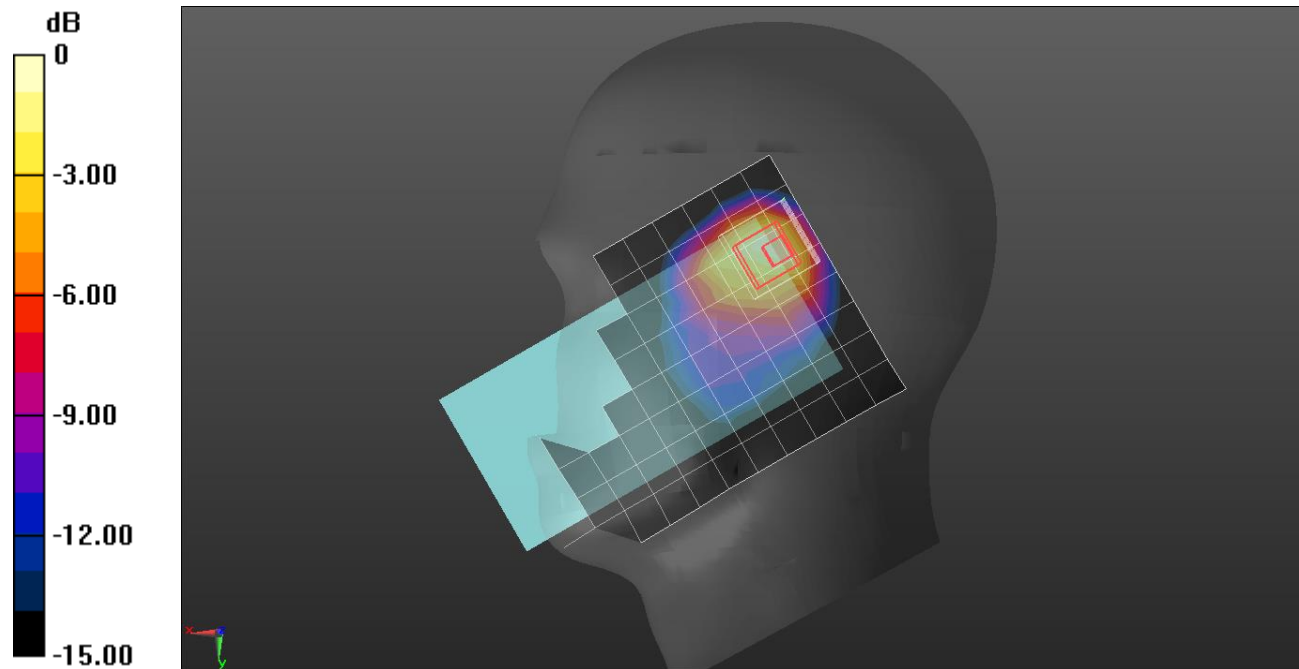
Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.253 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

Band n30: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) , CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n30	TSL Permittivity	40.3
Frequency [MHz] / Channel Number	2310.0 / 462000	TSL Conductivity [S/m]	1.61
Group / UID	5G NR FR1 FDD / 10937-AAD	Phantom Section / TSL	LeftHead / HSL
Conversion Factor	7.36	Test Distance [mm]	0.00

DASY Configuration

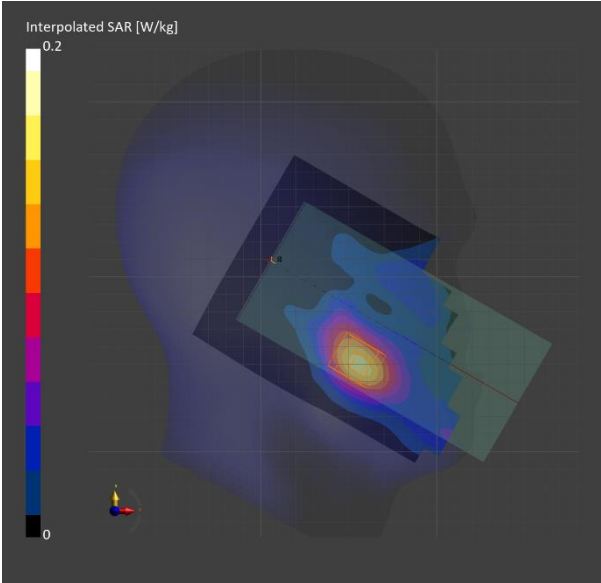
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.130	0.136
psSAR10g [W/Kg]	0.071	0.082
Power Drift [dB]		-0.08
Dist 3dB Peak [mm]		11.2
M2/M1 [%]		92.0



Band n30: 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz), BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n30	TSL Permittivity	40.3
Frequency [MHz] / Channel Number	2310.0 / 462000	TSL Conductivity [S/m]	1.61
Group / UID	5G NR FR1 FDD / 10945-AAD	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.36	Test Distance [mm]	5.00

DASY Configuration

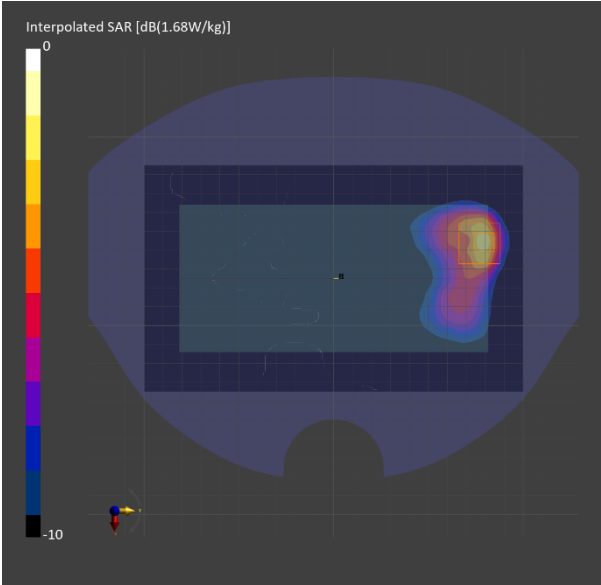
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.802	0.780
psSAR10g [W/Kg]	0.391	0.377
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		7.7
M2/M1 [%]		79.1



NR Band n41

Frequency: 2592.99 MHz; Communication System Channel Number: 518598; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 38.116$; $\rho = 1000$ 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: 2024-03-14
- Probe: EX3DV4 - SN7652; ConvF(7.6, 7.46, 7.88) @ 2592.99 MHz; Calibrated: 2024-04-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/QPSK RB 1/271 ch.518598 2/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.24 W/kg

Rear/QPSK RB 1/271 ch.518598 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.64 V/m; Power Drift = 0.05 dB

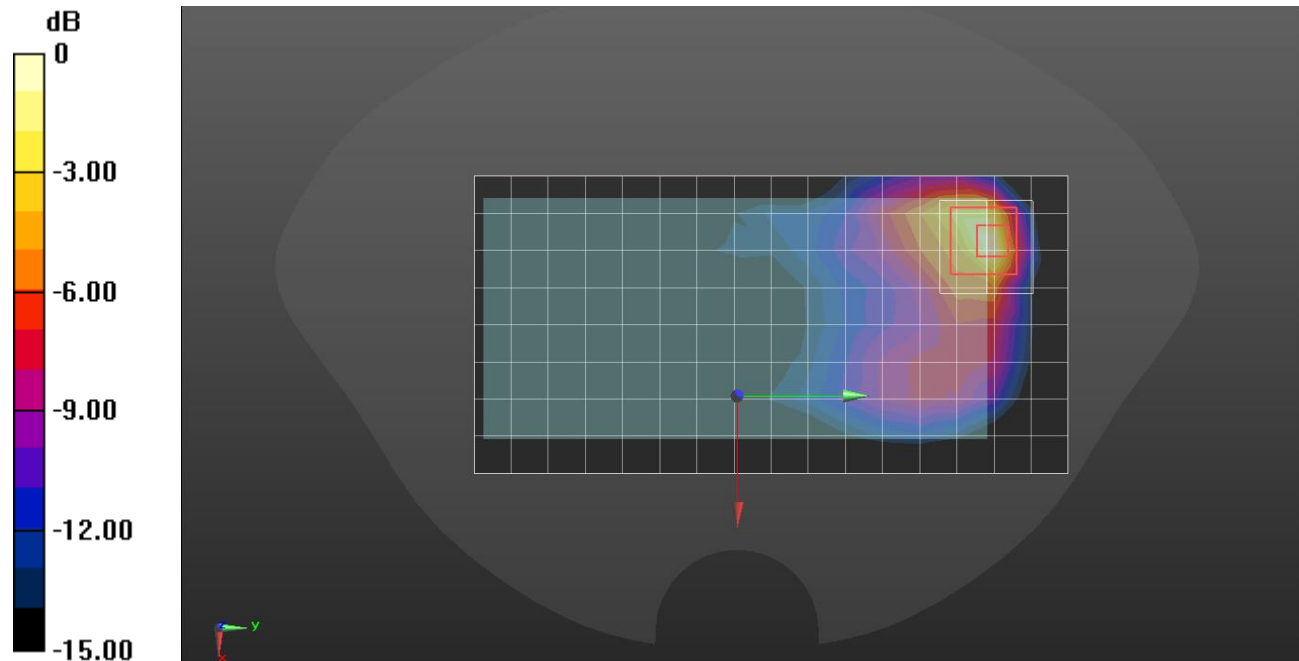
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.259 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 42.3%

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

NR Band n41

Frequency: 2592.99 MHz; Communication System Channel Number: 518598; Duty Cycle: 1:4.00037

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 39.231$; $\rho = 1000$ 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: 2024-03-14
- Probe: EX3DV4 - SN7652; ConvF(7.6, 7.46, 7.88) @ 2592.99 MHz; Calibrated: 2024-04-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch/QPSK RB 135/0 ch.518598/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.400 W/kg

RHS/Touch/QPSK RB 135/0 ch.518598/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.84 V/m; Power Drift = -0.10 dB

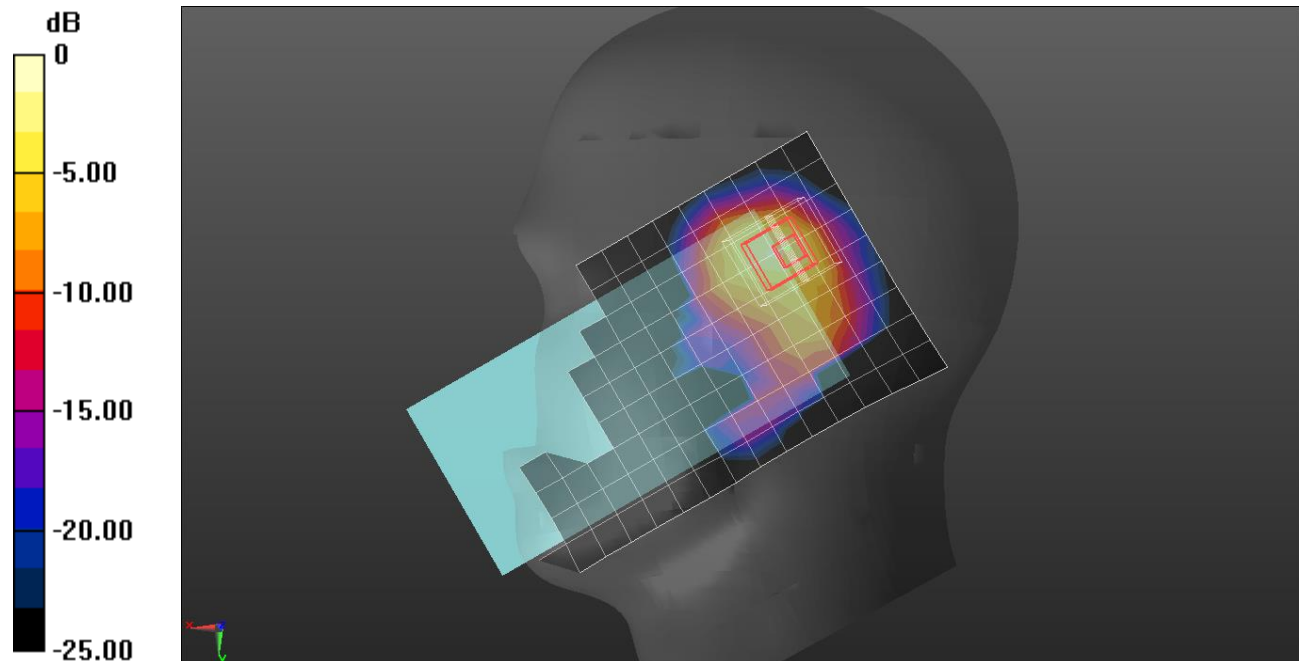
Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.118 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 41%

Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n48	TSL Permittivity	38.8
Frequency [MHz] / Channel Number	3625.0 / 641666	TSL Conductivity [S/m]	2.94
Group / UID	5G NR FR1 TDD / 10903-AAB	Phantom Section / TSL	RightHead / HSL
Conversion Factor	6.44	Test Distance [mm]	0.00

DASY Configuration

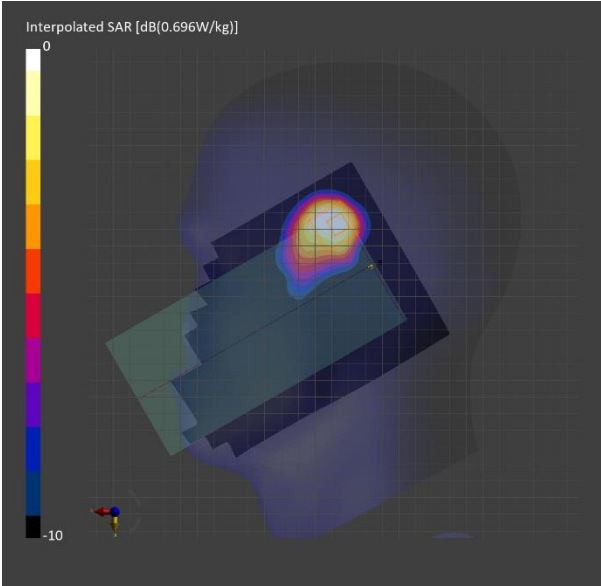
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.513	0.508
psSAR10g [W/Kg]	0.234	0.222
Power Drift [dB]		-0.11
Dist 3dB Peak [mm]		8.1
M2/M1 [%]		73.6



Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz), EDGE LEFT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n48	TSL Permittivity	38.8
Frequency [MHz] / Channel Number	3625.0 / 641666	TSL Conductivity [S/m]	2.94
Group / UID	5G NR FR1 TDD / 10903-AAB	Phantom Section / TSL	Flat / HSL
Conversion Factor	6.44	Test Distance [mm]	5.00

DASY Configuration

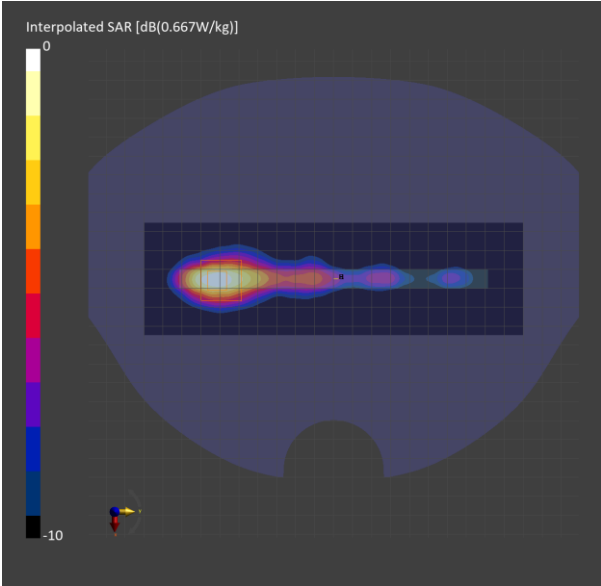
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	9.9 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.458	0.474
psSAR10g [W/Kg]	0.172	0.177
Power Drift [dB]		-0.09
Dist 3dB Peak [mm]		7.0
M2/M1 [%]		73.6



Custom Band: CW, BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.3
Frequency [MHz] / Channel Number	3680.0 / 3680000	TSL Conductivity [S/m]	3.11
Group / UID	CW / 0--	Phantom Section / TSL	Flat / HSL
Conversion Factor	6.44	Test Distance [mm]	5.00

DASY Configuration

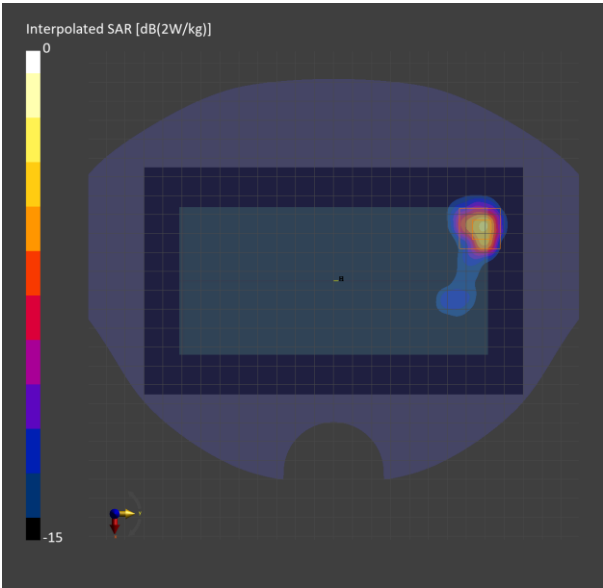
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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	4.4 x 4.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.610	0.653
psSAR10g [W/Kg]	0.196	0.197
Power Drift [dB]		-0.04
Dist 3dB Peak [mm]		5.2
M2/M1 [%]		72.8



Custom Band: CW, TILT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.3
Frequency [MHz] / Channel Number	3625.0 / 3625000	TSL Conductivity [S/m]	3.06
Group / UID	CW / 0--	Phantom Section / TSL	RightHead / HSL
Conversion Factor	6.44	Test Distance [mm]	0.00

DASY Configuration

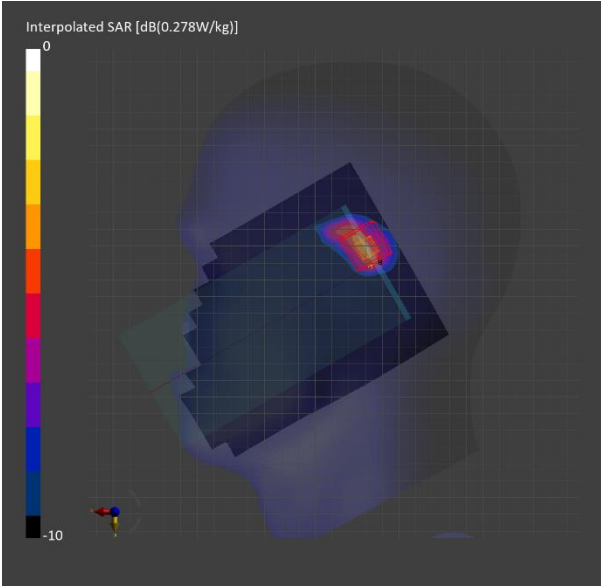
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.084	0.084
psSAR10g [W/Kg]	0.037	0.035
Power Drift [dB]		0.19
Dist 3dB Peak [mm]		8.6
M2/M1 [%]		77.2



Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz), CHEEK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Band n77	TSL Permittivity	38.7
Frequency [MHz] / Channel Number	3500.0 / 633334	TSL Conductivity [S/m]	2.87
Group / UID	5G NR FR1 TDD / 10917-AAB	Phantom Section / TSL	RightHead / HSL
Conversion Factor	6.66	Test Distance [mm]	0.00

DASY Configuration

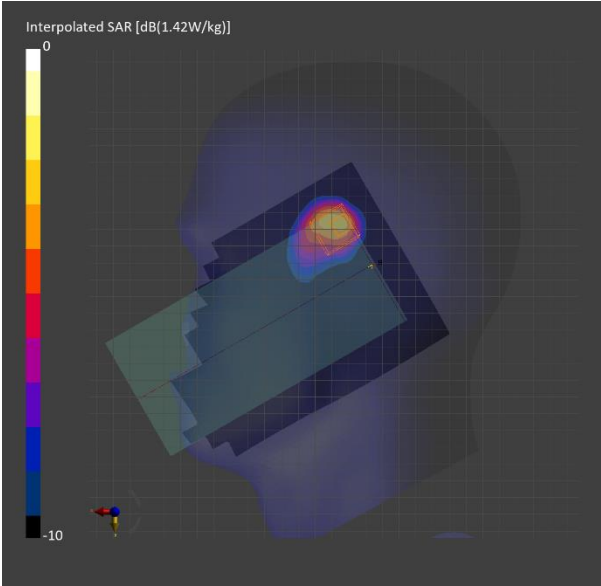
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.553	0.538
psSAR10g [W/Kg]	0.260	0.245
Power Drift [dB]		0.06
Dist 3dB Peak [mm]		8.1
M2/M1 [%]		74.8



NR Band n77

Frequency: 3500.01 MHz; Communication System Channel Number: 633334; Duty Cycle: 1:4.00037

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.964$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ 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: 2024-03-14
- Probe: EX3DV4 - SN7652; ConvF(6.81, 6.7, 7.06) @ 3500.01 MHz; Calibrated: 2024-04-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Left/QPSK RB 135/69 ch.633334/Area Scan (17x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.626 W/kg

Left/QPSK RB 135/69 ch.633334/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 13.89 V/m; Power Drift = -0.11 dB

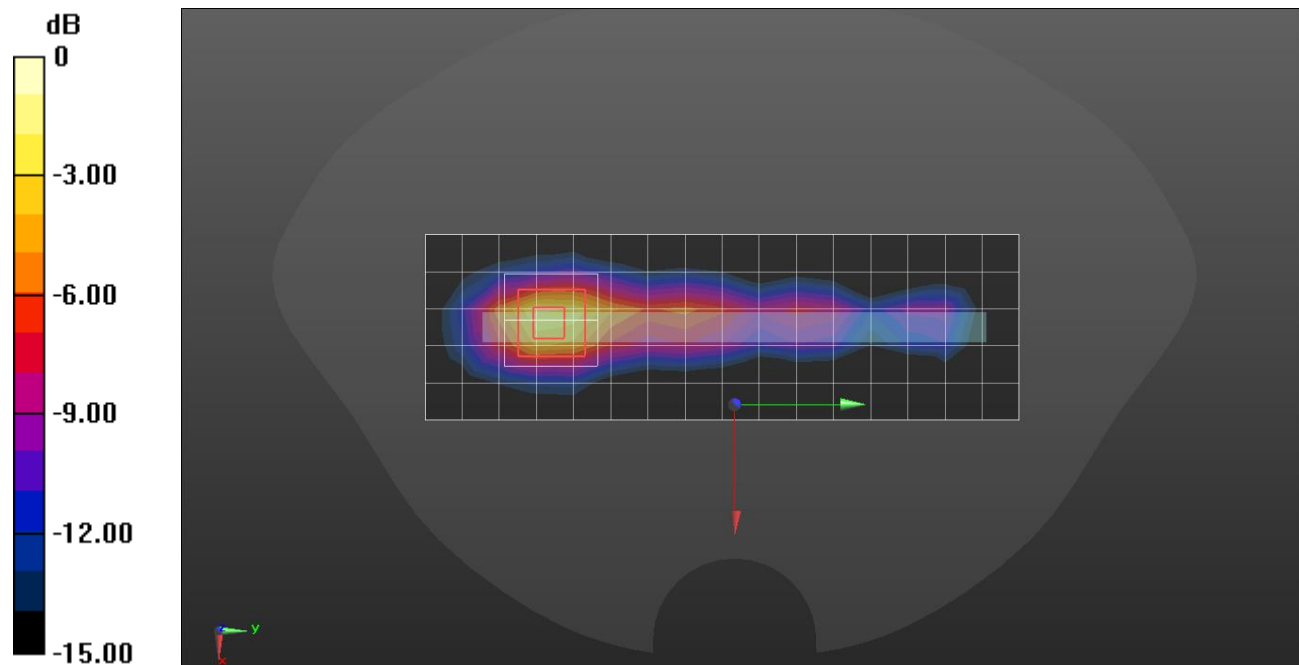
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.167 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 72.9%

Maximum value of SAR (measured) = 0.929 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

Custom Band: CW, BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.7
Frequency [MHz] / Channel Number	3500.0 / 3500000	TSL Conductivity [S/m]	2.87
Group / UID	CW / 0--	Phantom Section / TSL	Flat / HSL
Conversion Factor	6.66	Test Distance [mm]	5.00

DASY Configuration

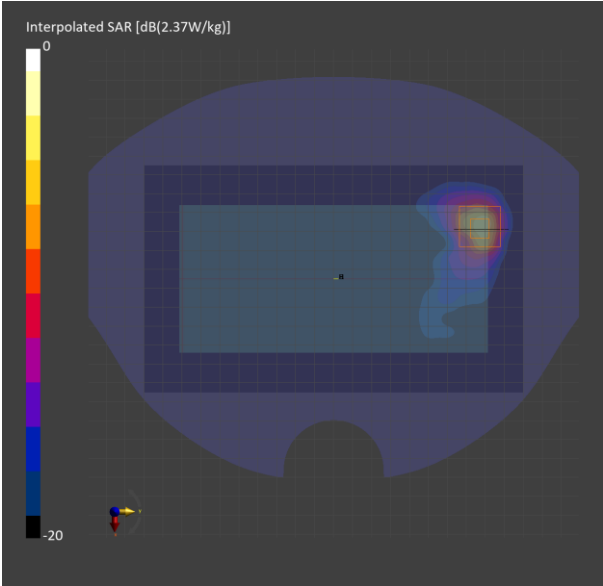
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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	4.8 x 4.8 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.686	0.771
psSAR10g [W/Kg]	0.227	0.234
Power Drift [dB]		0.02
Dist 3dB Peak [mm]		5.2
M2/M1 [%]		73.7



Custom Band: CW, TILT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.2
Frequency [MHz] / Channel Number	3750.0 / 3750000	TSL Conductivity [S/m]	3.18
Group / UID	CW / 0--	Phantom Section / TSL	RightHead / HSL
Conversion Factor	6.44	Test Distance [mm]	0.00

DASY Configuration

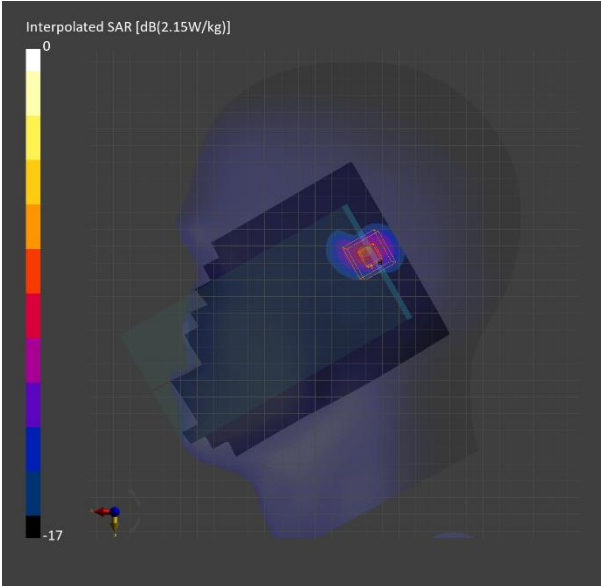
Probe Calibration Date	EX3DV4 - SN7313 2024-02-21	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1447 2024-03-13	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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
psSAR1g [W/Kg]	0.232	0.238
psSAR10g [W/Kg]	0.086	0.080
Power Drift [dB]		0.11
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		78.7



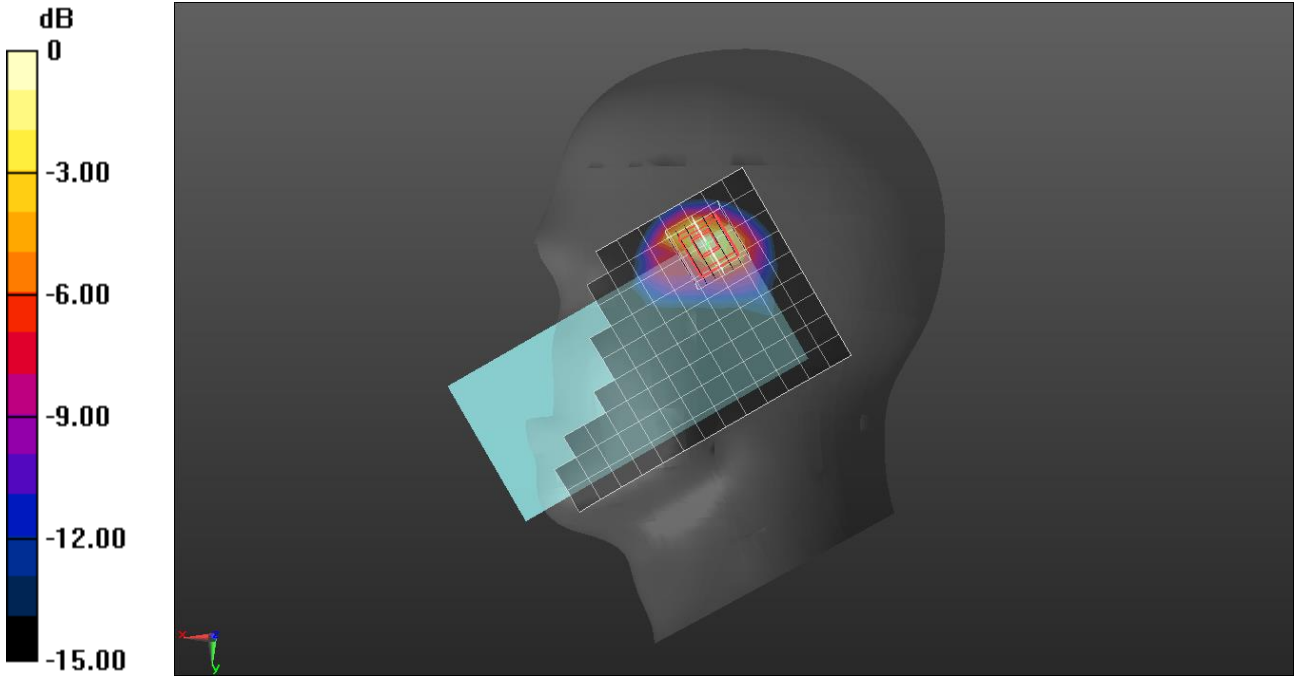
Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Communication System Channel Number: 11; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 1.784 \text{ S/m}$; $\epsilon_r = 39.828$; $\rho = 1000 \text{ kg/m}^3$

- 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 Sn1343; Calibrated: 2024-07-12
 - Probe: EX3DV4 - SN7376; ConvF(7.28, 7.47, 7.7) @ 2462 MHz; Calibrated: 2024-07-17
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Phantom: Twin-SAM V5.0 (Right); Phantom section: Right Section ; Type: QD 000 P40 CD
 - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch/802.11 b mode ch.11 SISO sub.4/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.455 W/kg

RHS/Touch/802.11 b mode ch.11 SISO sub.4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.31 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.122 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 43.9%
Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

Wi-Fi 2.4 GHz ant 1 1218

Frequency: 2462 MHz; Communication System Channel Number: 11; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 39.828$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.28, 7.47, 7.7) @ 2462 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Left/802.11 b mode ch 11 Ant.2 5mm/Area Scan (17x5x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.700 W/kg

Left/802.11 b mode ch 11 Ant.2 5mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.07 V/m; Power Drift = 0.19 dB

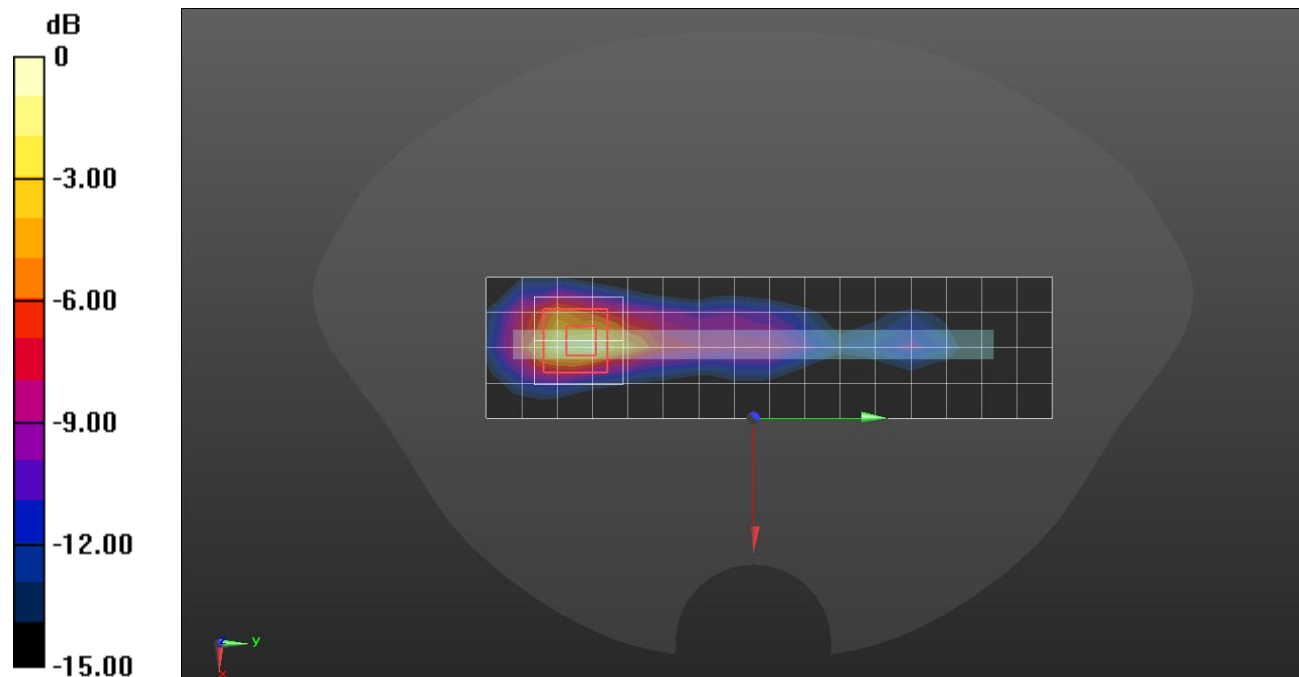
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.180 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%.

Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Communication System Channel Number: 11; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.282$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.28, 7.47, 7.7) @ 2462 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch/802.11 g mode ch.11 MIMO/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.489 W/kg

RHS/Touch/802.11 g mode ch.11 MIMO/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.46 V/m; Power Drift = 0.19 dB

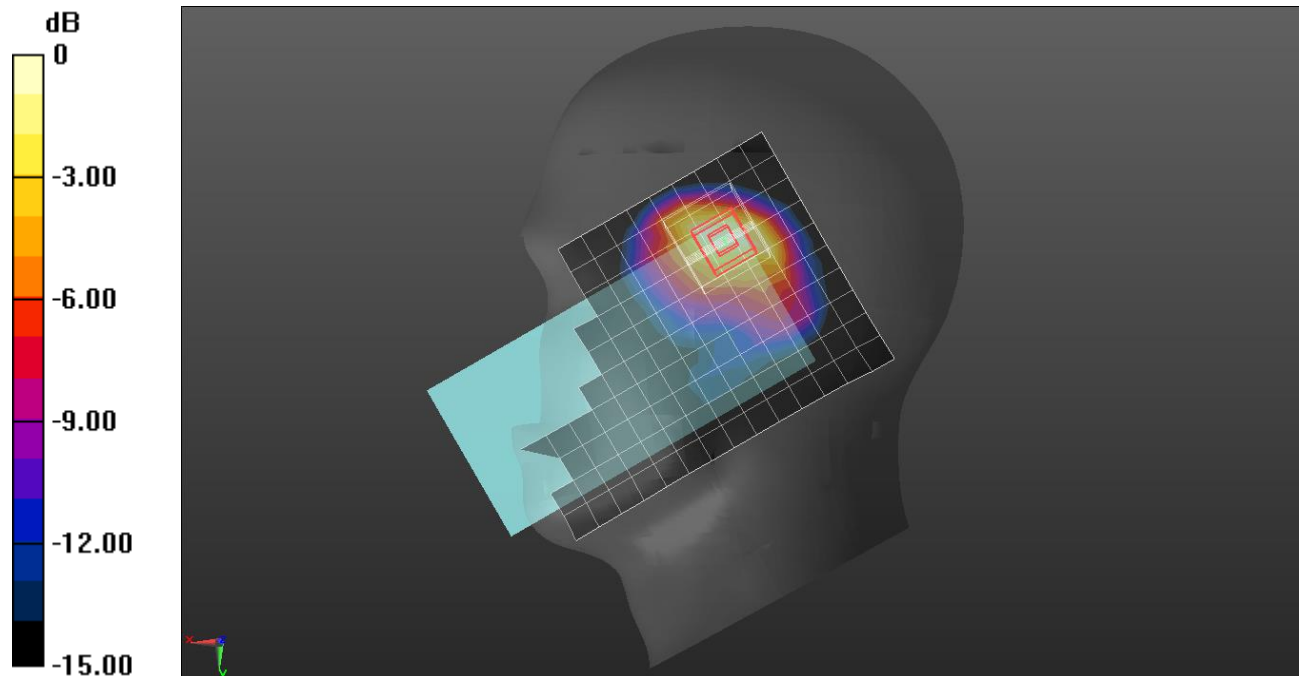
Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.169 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 dBW/kg

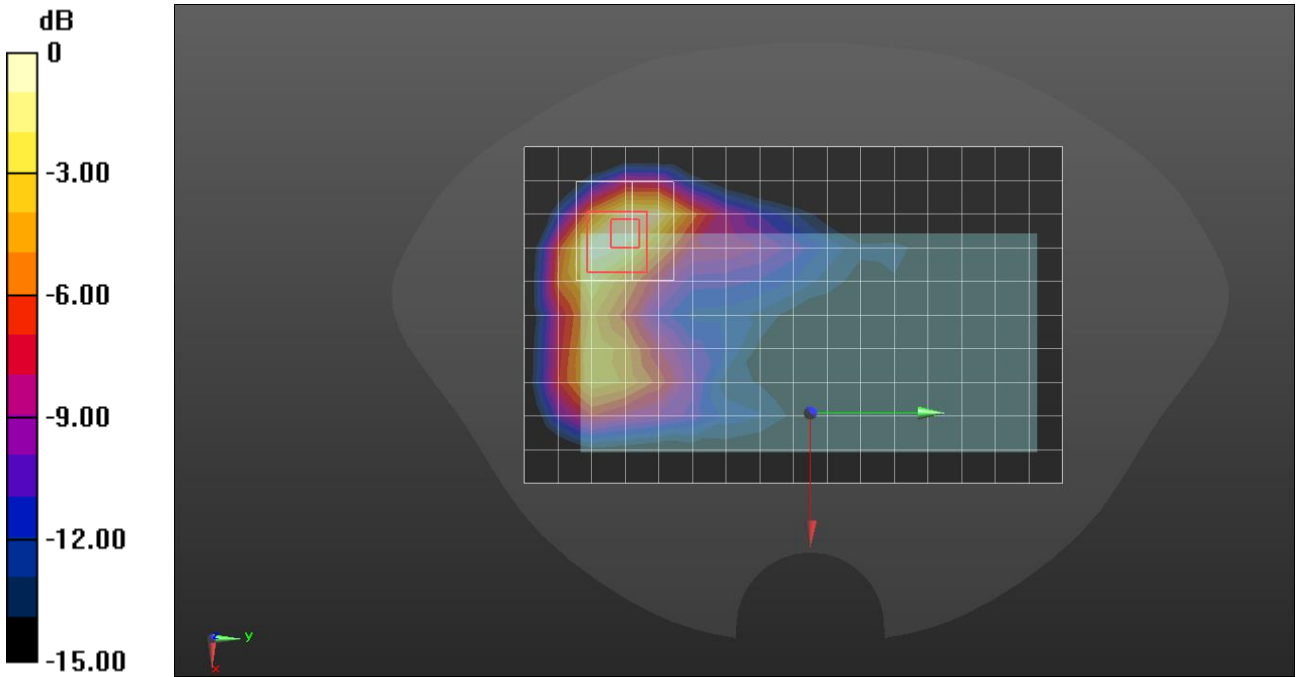
Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Communication System Channel Number: 11; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 39.282$; $\rho = 1000 \text{ kg/m}^3$

- 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 Sn1343; Calibrated: 2024-07-12
 - Probe: EX3DV4 - SN7376; ConvF(7.28, 7.47, 7.7) @ 2462 MHz; Calibrated: 2024-07-17
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
 - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/802.11 g mode ch.11 MIMO/Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.919 W/kg

Rear/802.11 g mode ch.11 MIMO/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.11 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.303 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.6
Frequency [MHz] / Channel Number	5290.000 / 58	TSL Conductivity [S/m]	4.59
Group / UID	WLAN / 10626-AAC	Phantom Section / TSL	RightHead / Head Simulating Liquid
Conversion Factor	5.0	Test Distance [mm]	0.00

DASY Configuration

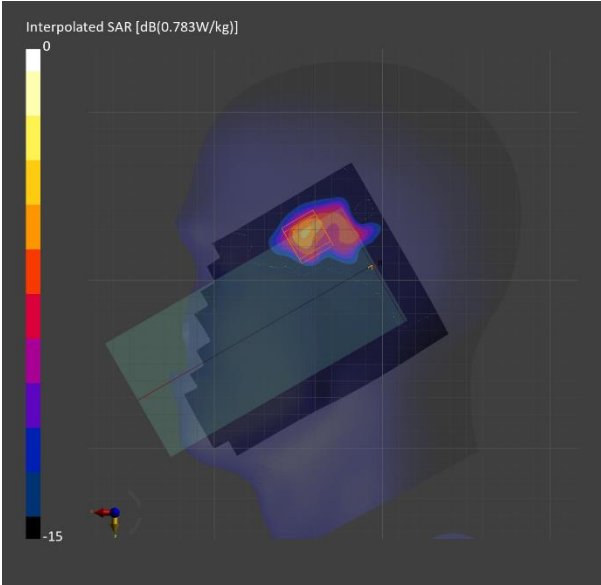
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.180	0.192
psSAR10g [W/Kg]	0.067	0.059
Power Drift [dB]		0.03
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		64.2



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), EDGE LEFT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.6
Frequency [MHz] / Channel Number	5290.000 / 58	TSL Conductivity [S/m]	4.59
Group / UID	WLAN / 10626-AAC	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	5.0	Test Distance [mm]	5.00

DASY Configuration

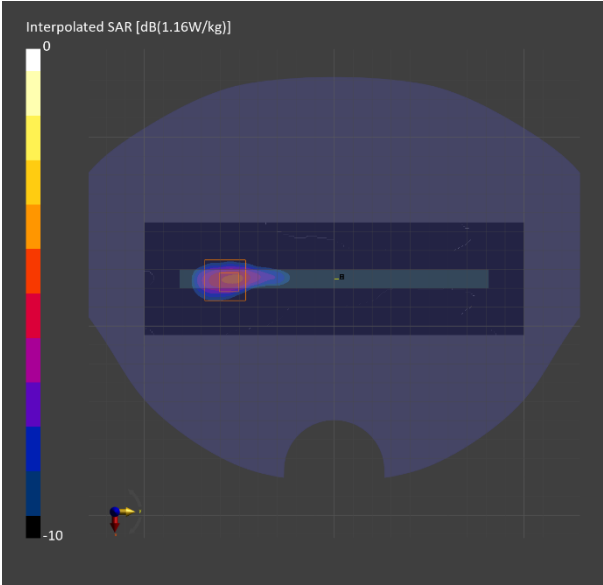
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	9.9 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.270	0.291
psSAR10g [W/Kg]	0.093	0.093
Power Drift [dB]		-0.07
Dist 3dB Peak [mm]		7.2
M2/M1 [%]		63.6



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.4
Frequency [MHz] / Channel Number	5530.000 / 106	TSL Conductivity [S/m]	4.87
Group / UID	WLAN / 10626-AAD	Phantom Section / TSL	RightHead / Head Simulating Liquid
Conversion Factor	4.94	Test Distance [mm]	0.00

DASY Configuration

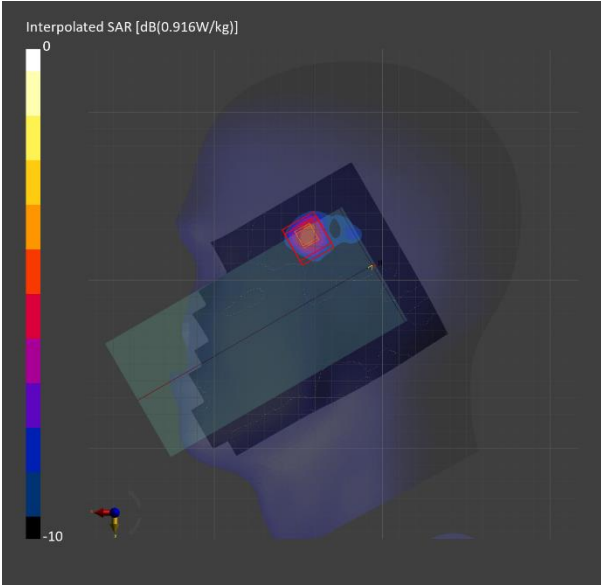
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.236	0.255
psSAR10g [W/Kg]	0.086	0.083
Power Drift [dB]		0.18
Dist 3dB Peak [mm]		7.7
M2/M1 [%]		63.2



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), EDGE LEFT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.4
Frequency [MHz] / Channel Number	5530.000 / 106	TSL Conductivity [S/m]	4.87
Group / UID	WLAN / 10626-AAD	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	4.94	Test Distance [mm]	5.00

DASY Configuration

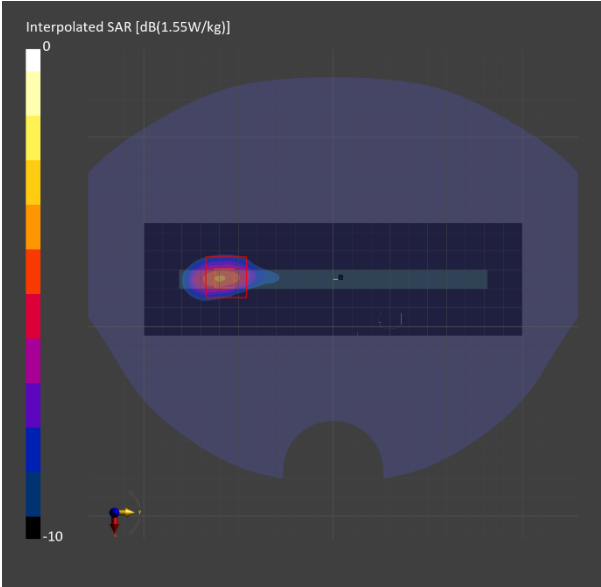
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	9.9 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.420	0.427
psSAR10g [W/Kg]	0.147	0.140
Power Drift [dB]		-0.07
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		65.0



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), CHEEK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.0
Frequency [MHz] / Channel Number	5775.000 / 155	TSL Conductivity [S/m]	5.16
Group / UID	WLAN / 10626-AAD	Phantom Section / TSL	RightHead / Head Simulating Liquid
Conversion Factor	5.12	Test Distance [mm]	0.00

DASY Configuration

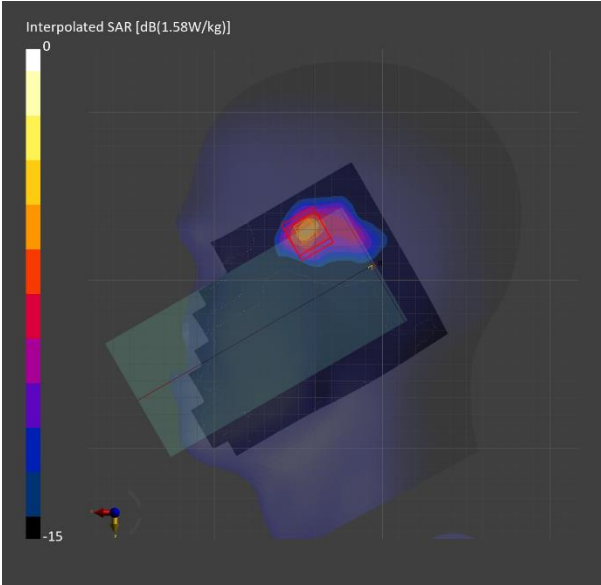
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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
psSAR1g [W/Kg]	0.329	0.381
psSAR10g [W/Kg]	0.117	0.118
Power Drift [dB]		0.06
Dist 3dB Peak [mm]		5.5
M2/M1 [%]		60.1



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), EDGE LEFT

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.0
Frequency [MHz] / Channel Number	5775.000 / 155	TSL Conductivity [S/m]	5.16
Group / UID	WLAN / 10626-AAD	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	5.12	Test Distance [mm]	5.00

DASY Configuration

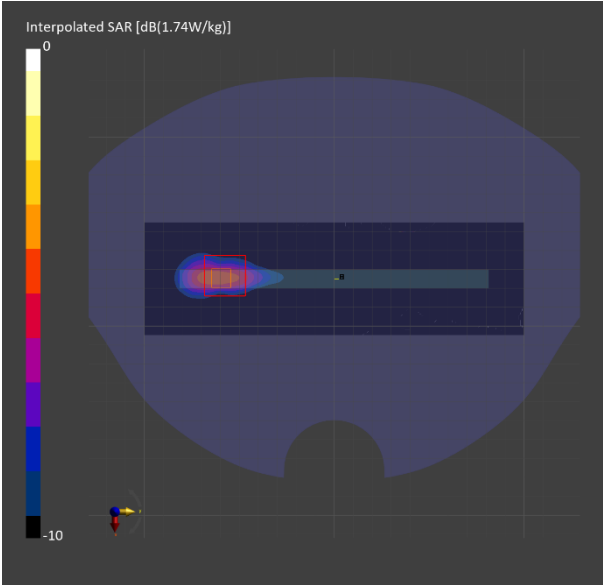
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	59.4 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	9.9 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.453	0.457
psSAR10g [W/Kg]	0.160	0.157
Power Drift [dB]		-0.08
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		62.2



Bluetooth

Frequency: 2441 MHz; Communication System Channel Number: 39; Duty Cycle: 1:1.17625

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 39.867$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.28, 7.47, 7.7) @ 2441 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch/Bluetooth GFSK ch.39 sub.4/Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.300 W/kg

RHS/Touch/Bluetooth GFSK ch.39 sub.4/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.84 V/m; Power Drift = -0.03 dB

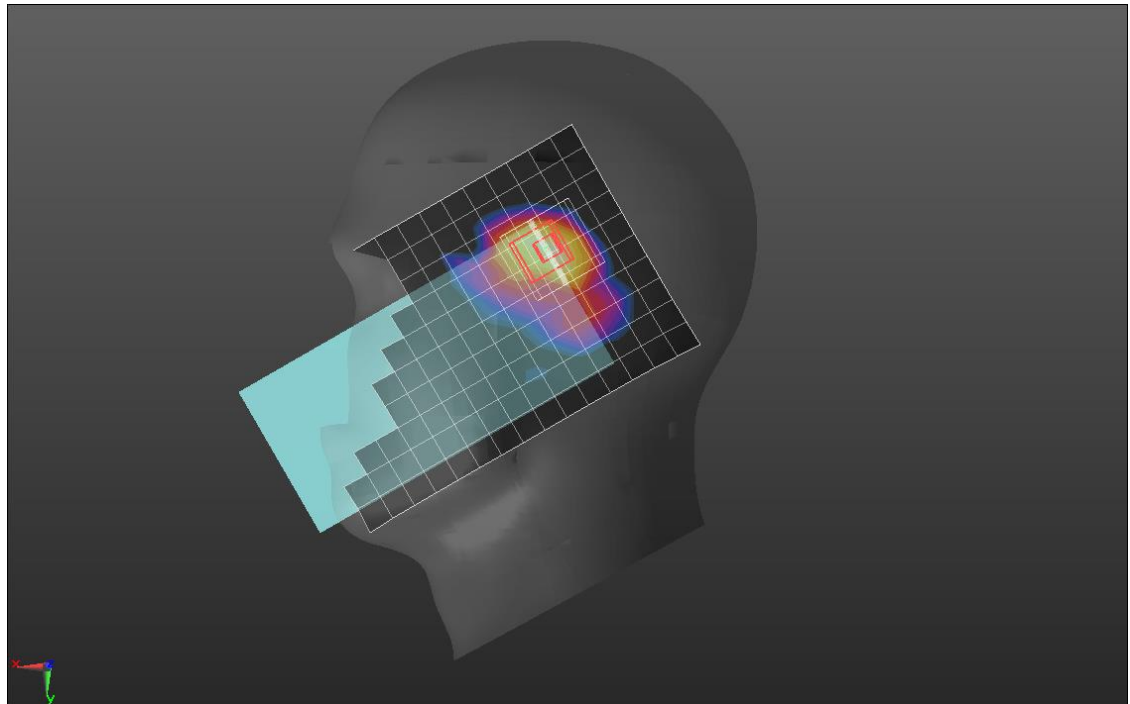
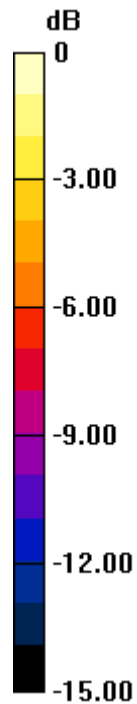
Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 7.7 mm

Ratio of SAR at M2 to SAR at M1 = 31%

Maximum value of SAR (measured) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

Bluetooth

Frequency: 2441 MHz; Communication System Channel Number: 39; Duty Cycle: 1:1.17625

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.307$; $\rho = 1000$ 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: 2024-07-12
- Probe: EX3DV4 - SN7376; ConvF(7.28, 7.47, 7.7) @ 2441 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Rear/Bluetooth GFSK ch.39 sub.4/Area Scan (18x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.350 W/kg

Rear/Bluetooth GFSK ch.39 sub.4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.34 V/m; Power Drift = -0.07 dB

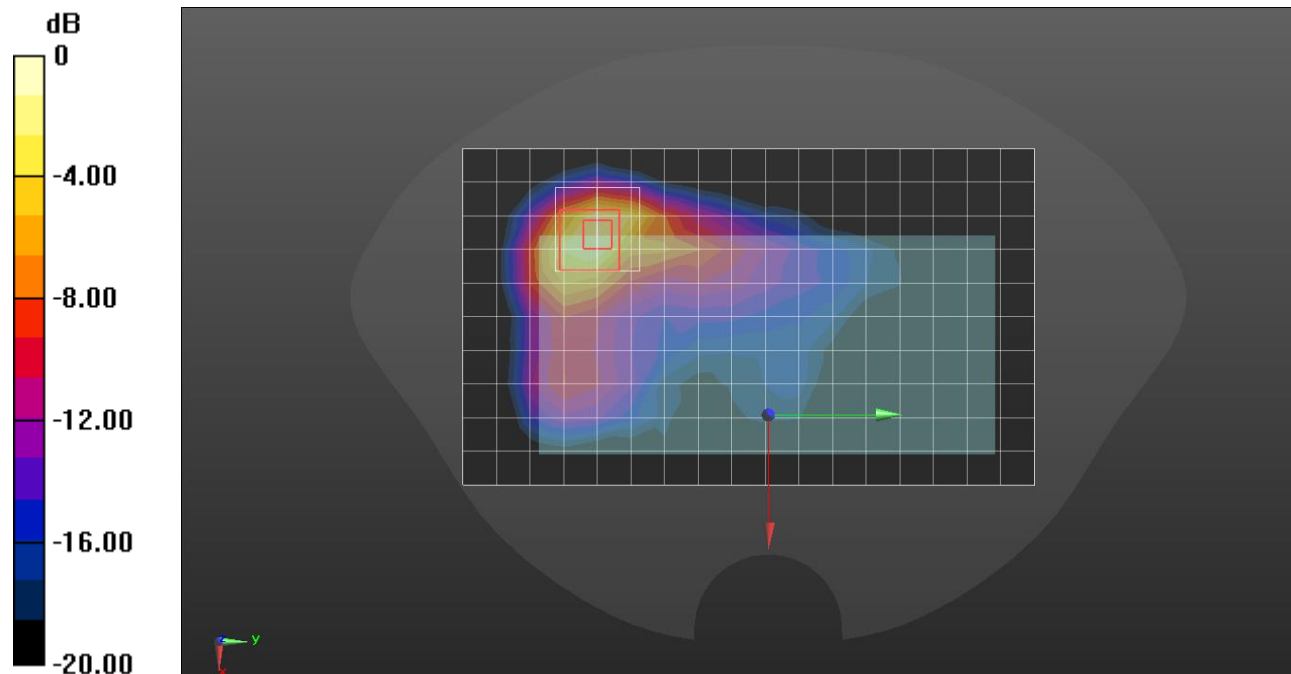
Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.117 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

Custom Band: CW, BACK

Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	Custom Band	TSL Permittivity	54.2
Frequency [MHz] / Channel Number	13.6 / 13600	TSL Conductivity [S/m]	0.765
Group / UID	CW / 0--	Phantom Section / TSL	Flat / HSL
Conversion Factor	16.85	Test Distance [mm]	5.00

DASY Configuration

Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	ELI V6.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.022	0.028
psSAR10g [W/Kg]	0.015	0.009
Power Drift [dB]		0.06
Dist 3dB Peak [mm]		5.0
M2/M1 [%]		54.9

