

# Measurement Report for GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), EDGE RIGHT

## Exposure Conditions

Band	GSM 850	TSL Permittivity	42.1
Frequency [MHz]   Channel Number	836.600   190	TSL Conductivity [S/m]	0.898
Group   UID	GSM   10024-DAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

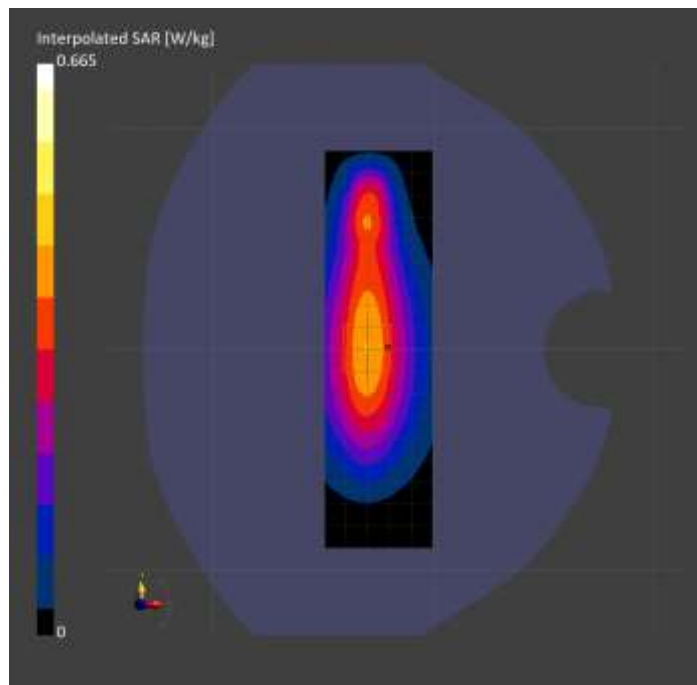
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.6
Dist 3dB Peak [mm]		15.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.386	<b>0.387</b>
psSAR10g [W/Kg]	0.254	<b>0.252</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), CHEEK

## Exposure Conditions

Band	GSM 850	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	836.600   190	TSL Conductivity [S/m]	0.869
Group   UID	GSM   10024-DAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

## Hardware Setup

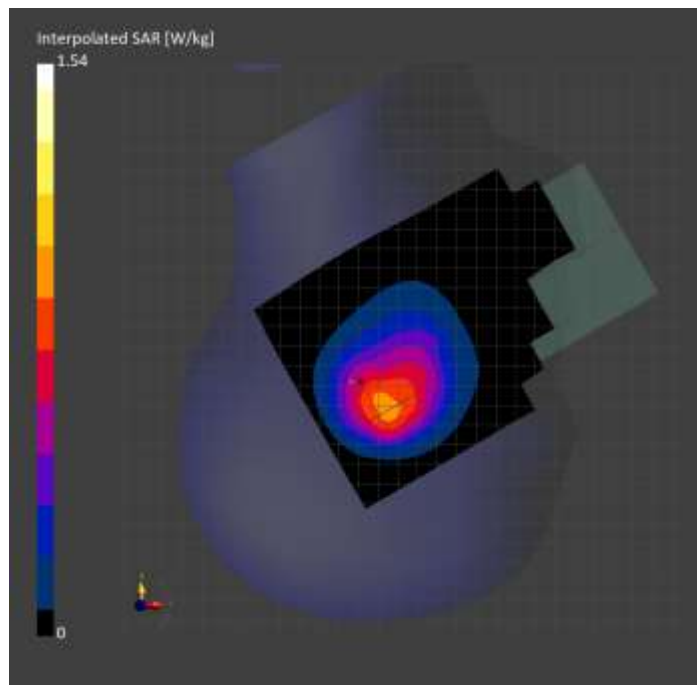
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		15.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.828	<b>0.807</b>
psSAR10g [W/Kg]	0.551	<b>0.547</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), BACK

## Exposure Conditions

Band	GSM 850	TSL Permittivity	40.7
Frequency [MHz]   Channel Number	836.600   190	TSL Conductivity [S/m]	0.869
Group   UID	GSM   10024-DAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.83	Test Distance [mm]	5.00

## Hardware Setup

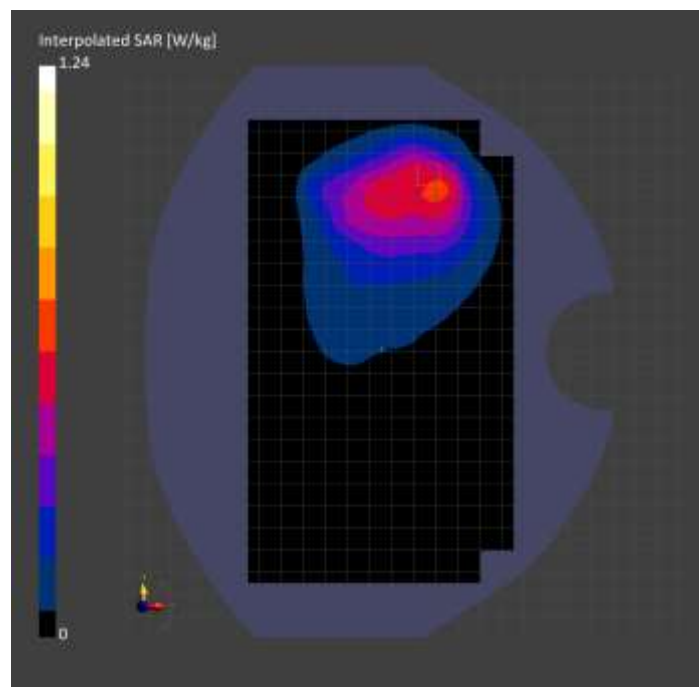
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.7
Dist 3dB Peak [mm]		10.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.567	<b>0.586</b>
psSAR10g [W/Kg]	0.376	<b>0.354</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), CHEEK

## Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.2
Frequency [MHz]   Channel Number	1880.000   661	TSL Conductivity [S/m]	1.42
Group   UID	GSM   10024-DAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.53	Test Distance [mm]	0.00

## Hardware Setup

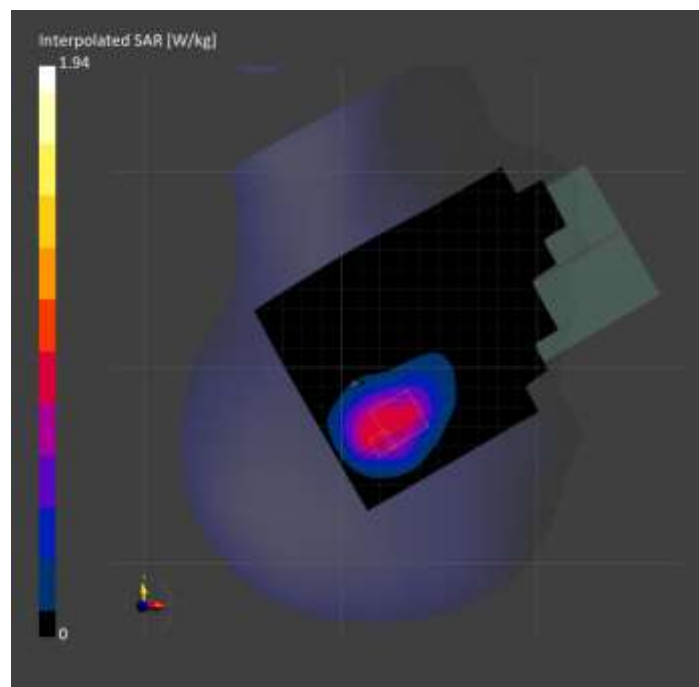
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		71.6
Dist 3dB Peak [mm]		6.9

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.753	<b>0.829</b>
psSAR10g [W/Kg]	0.458	<b>0.484</b>
Power Drift [dB]	N/A	0.00



# Measurement Report for PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), BACK

## Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.1
Frequency [MHz]   Channel Number	1909.800   810	TSL Conductivity [S/m]	1.44
Group   UID	GSM   10024-DAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.53	Test Distance [mm]	5.00

## Hardware Setup

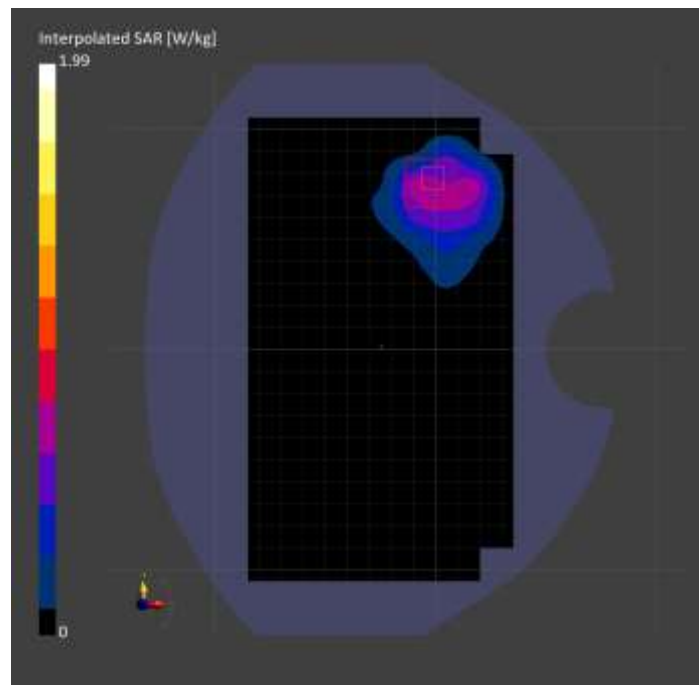
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.7
Dist 3dB Peak [mm]		6.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.645	<b>0.802</b>
psSAR10g [W/Kg]	0.384	<b>0.362</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), EDGE LEFT

## Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	1880.000   661	TSL Conductivity [S/m]	1.41
Group   UID	GSM   10024-DAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

## Hardware Setup

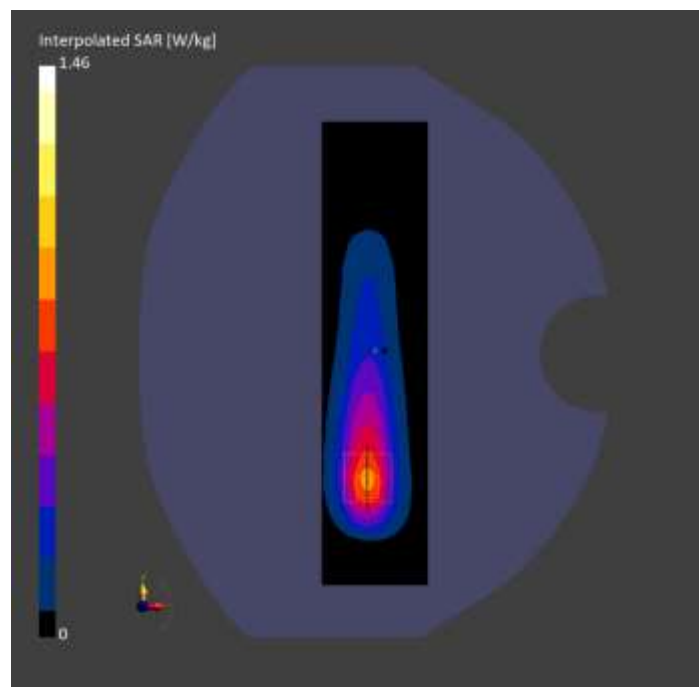
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		9.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.720	<b>0.726</b>
psSAR10g [W/Kg]	0.378	<b>0.369</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for Band 2: UMTS-FDD (WCDMA), CHEEK

## Exposure Conditions

Band	Band 2	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	1907.600   9538	TSL Conductivity [S/m]	1.43
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.43	Test Distance [mm]	0.00

## Hardware Setup

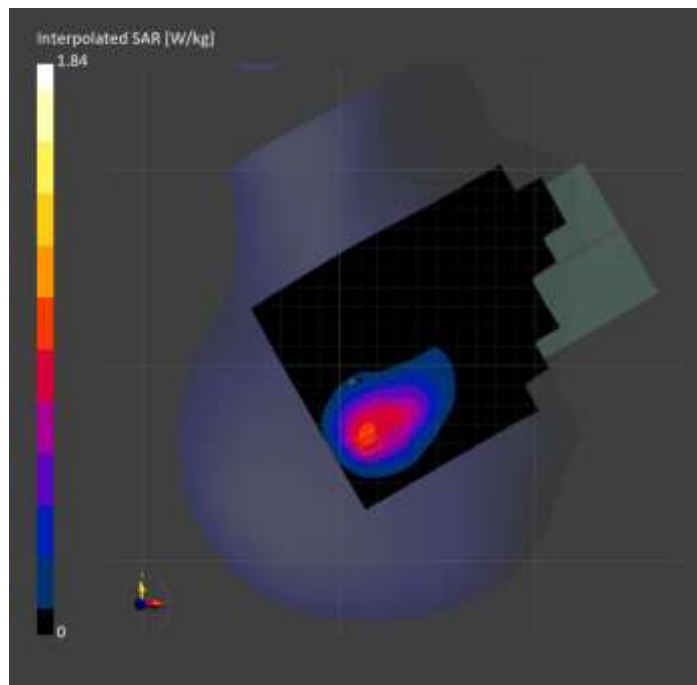
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		72.5
Dist 3dB Peak [mm]		7.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.789	<b>0.753</b>
psSAR10g [W/Kg]	0.453	<b>0.421</b>
Power Drift [dB]	N/A	0.01



# Measurement Report for Band 2: UMTS-FDD (WCDMA), BACK

## Exposure Conditions

Band	Band 2	TSL Permittivity	38.1
Frequency [MHz]   Channel Number	1907.600   9538	TSL Conductivity [S/m]	1.41
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.53	Test Distance [mm]	5.00

## Hardware Setup

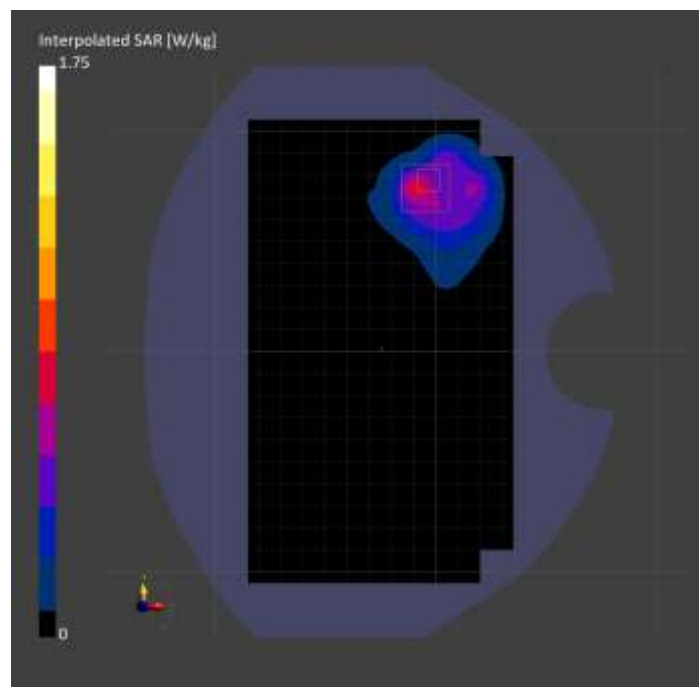
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.6
Dist 3dB Peak [mm]		7.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	<b>0.739</b>
psSAR10g [W/Kg]	0.325	<b>0.336</b>
Power Drift [dB]	N/A	-0.02





# Measurement Report for Band 2: UMTS-FDD (WCDMA), EDGE RIGHT

## Exposure Conditions

Band	Band 2	TSL Permittivity	39.9
Frequency [MHz]   Channel Number	1907.600   9538	TSL Conductivity [S/m]	1.44
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

## Hardware Setup

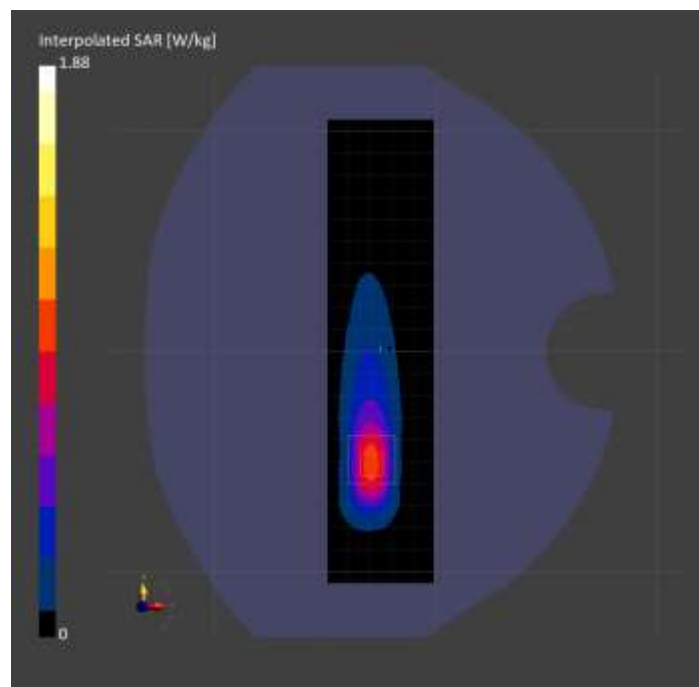
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		6.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.832	<b>0.906</b>
psSAR10g [W/Kg]	0.396	<b>0.409</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 4: UMTS-FDD (WCDMA), CHEEK

## Exposure Conditions

Band	Band 4	TSL Permittivity	40.1
Frequency [MHz]   Channel Number	1752.600   1513	TSL Conductivity [S/m]	1.34
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

## Hardware Setup

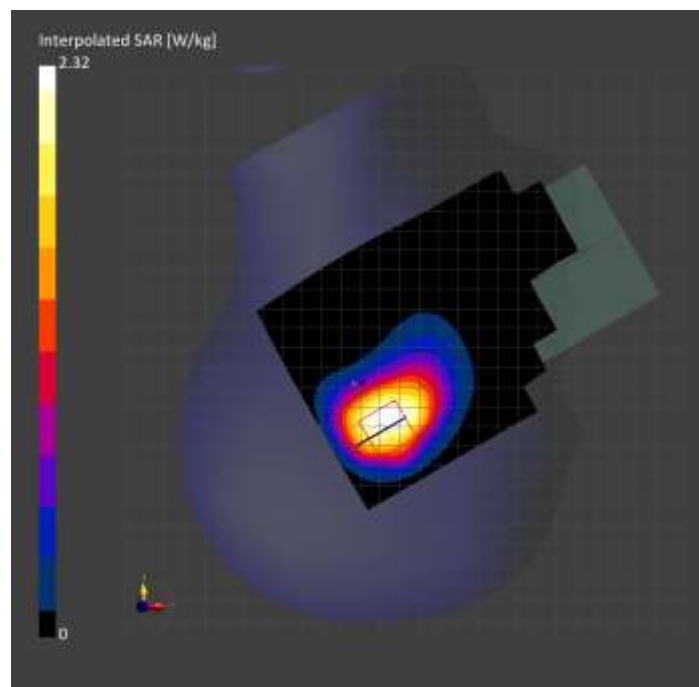
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		70.1
Dist 3dB Peak [mm]		7.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.876	<b>0.917</b>
psSAR10g [W/Kg]	0.534	<b>0.528</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for Band 4: UMTS-FDD (WCDMA), FRONT

## Exposure Conditions

Band	Band 4	TSL Permittivity	41.4
Frequency [MHz]   Channel Number	1752.600   1513	TSL Conductivity [S/m]	1.31
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

## Hardware Setup

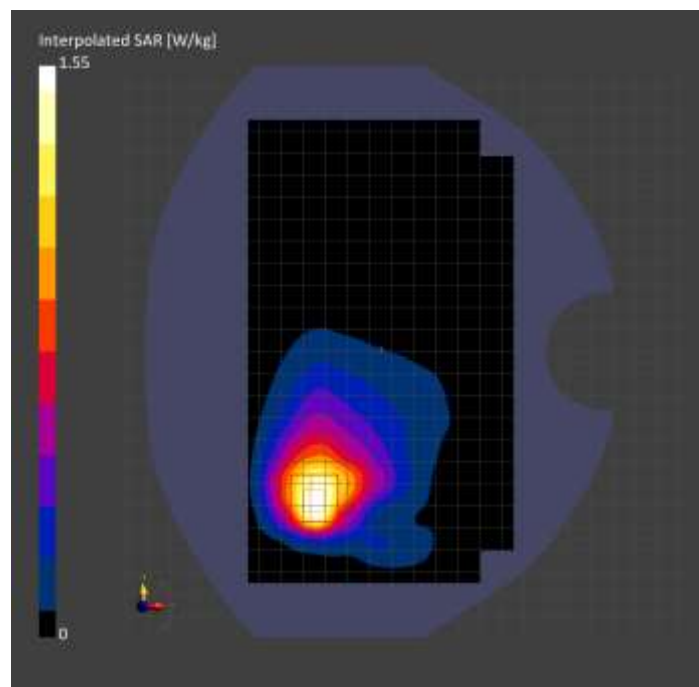
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		9.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.852	<b>0.904</b>
psSAR10g [W/Kg]	0.484	<b>0.498</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band 4: UMTS-FDD (WCDMA), EDGE RIGHT

## Exposure Conditions

Band	Band 4	TSL Permittivity	38.2
Frequency [MHz]   Channel Number	1752.600   1513	TSL Conductivity [S/m]	1.32
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

## Hardware Setup

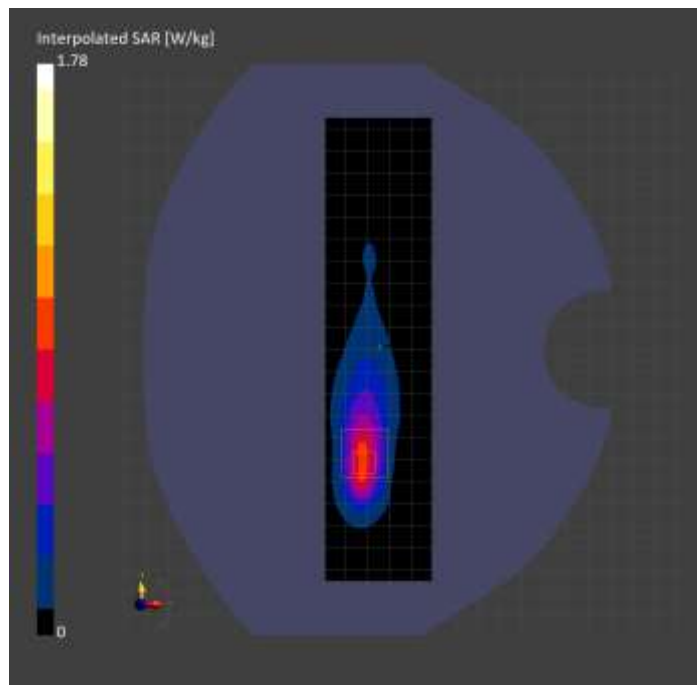
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.747	<b>0.799</b>
psSAR10g [W/Kg]	0.362	<b>0.371</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band 5: UMTS-FDD (WCDMA), BACK

## Exposure Conditions

Band	Band 5	TSL Permittivity	41.2
Frequency [MHz]   Channel Number	836.600   4183	TSL Conductivity [S/m]	0.868
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

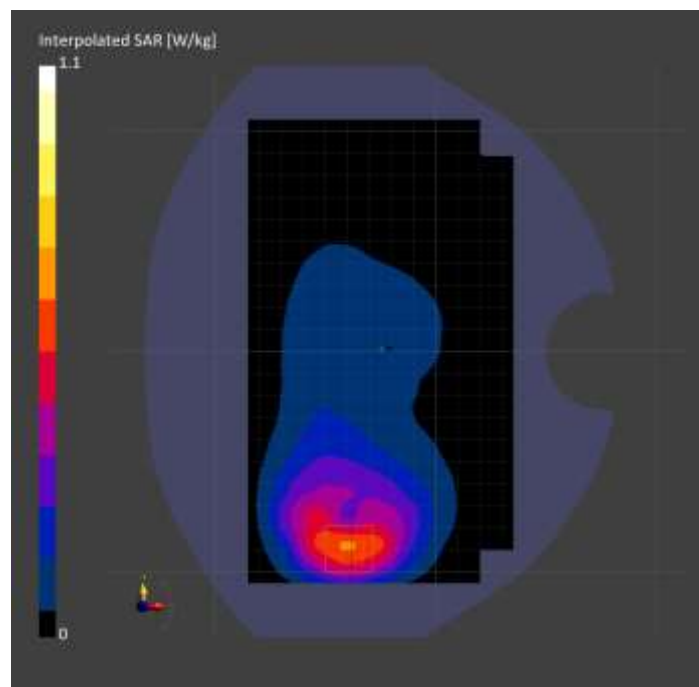
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		77.6
Dist 3dB Peak [mm]		10.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.550	<b>0.527</b>
psSAR10g [W/Kg]	0.354	<b>0.290</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for Band 5: UMTS-FDD (WCDMA), EDGE BOTTOM

## Exposure Conditions

Band	Band 5	TSL Permittivity	41.2
Frequency [MHz]   Channel Number	836.600   4183	TSL Conductivity [S/m]	0.868
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

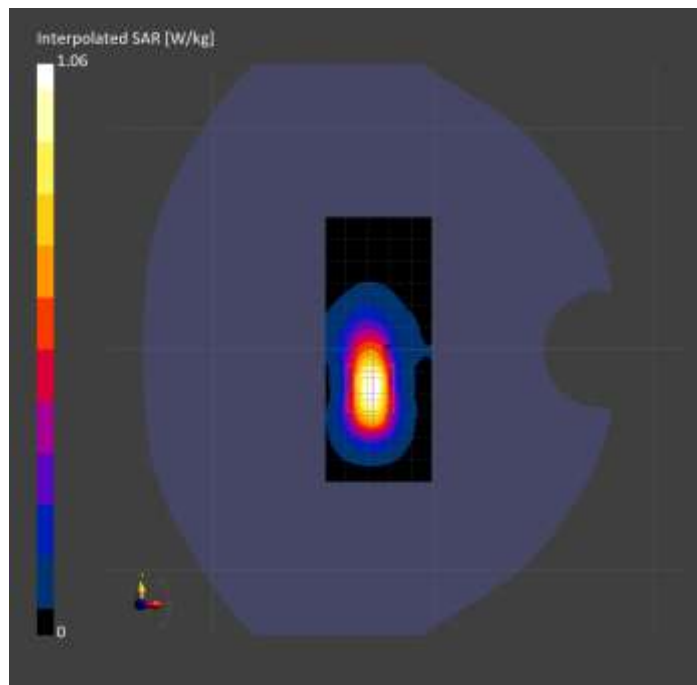
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.4
Dist 3dB Peak [mm]		7.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.398	<b>0.409</b>
psSAR10g [W/Kg]	0.214	<b>0.182</b>
Power Drift [dB]	N/A	-0.07



# Measurement Report for Band 5: UMTS-FDD (WCDMA), CHEEK

## Exposure Conditions

Band	Band 5	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	836.600   4183	TSL Conductivity [S/m]	0.869
Group   UID	WCDMA   10011-CAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

## Hardware Setup

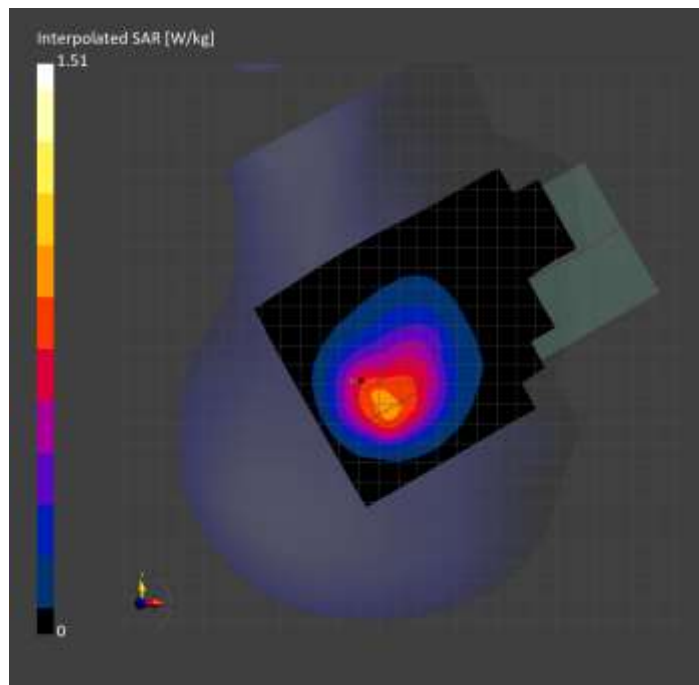
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		16.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.817	<b>0.809</b>
psSAR10g [W/Kg]	0.547	<b>0.552</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 5	TSL Permittivity	41.2
Frequency [MHz]   Channel Number	836.500   20525	TSL Conductivity [S/m]	0.868
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

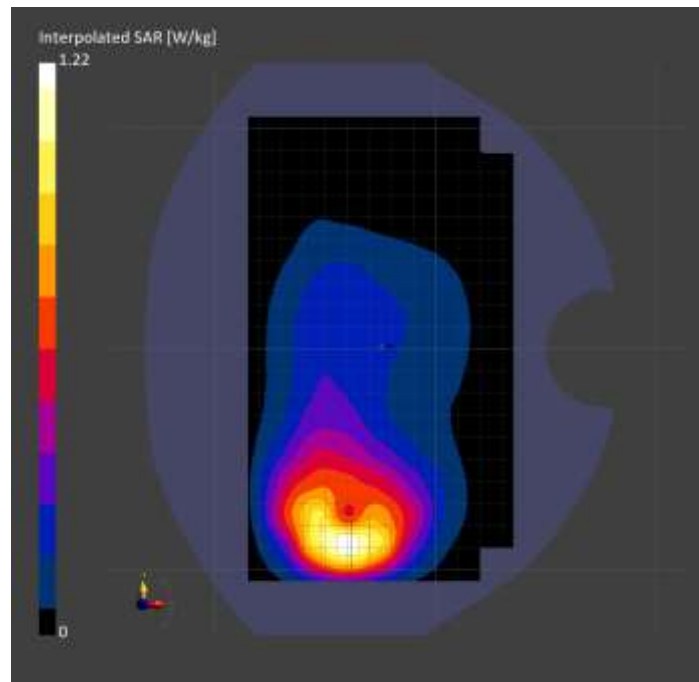
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.3
Dist 3dB Peak [mm]		9.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.603	<b>0.581</b>
psSAR10g [W/Kg]	0.379	<b>0.313</b>
Power Drift [dB]	N/A	-0.07





# Measurement Report for Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

## Exposure Conditions

Band	Band 5	TSL Permittivity	41.2
Frequency [MHz]   Channel Number	836.500   20525	TSL Conductivity [S/m]	0.868
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

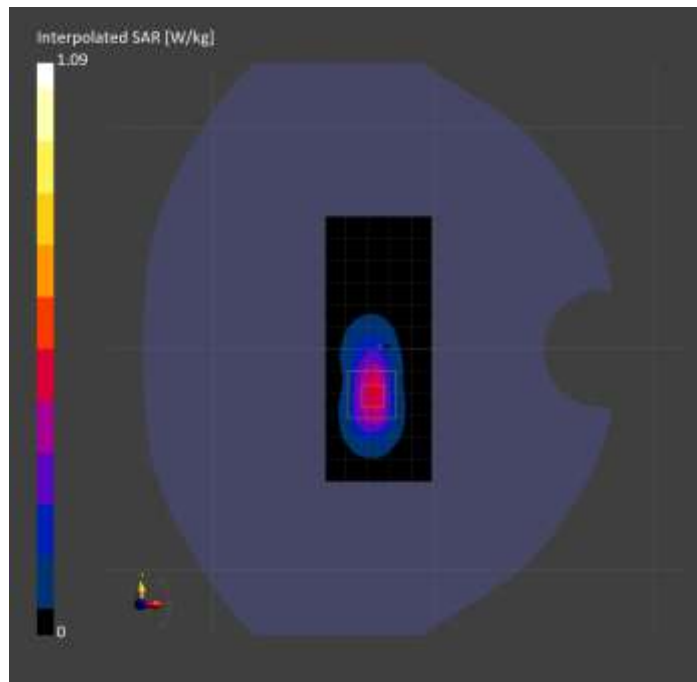
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.6
Dist 3dB Peak [mm]		7.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.416	<b>0.420</b>
psSAR10g [W/Kg]	0.224	<b>0.188</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 5	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	836.500   20525	TSL Conductivity [S/m]	0.869
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

## Hardware Setup

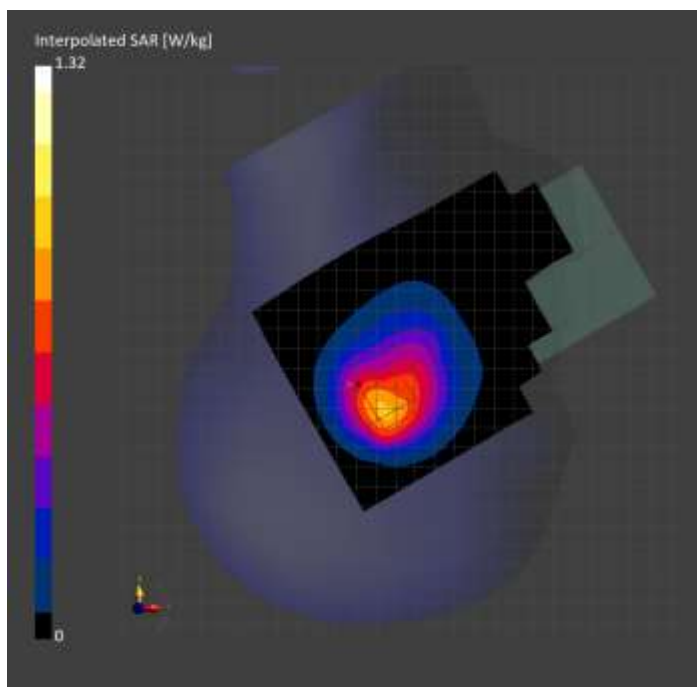
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		81.7
Dist 3dB Peak [mm]		11.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.776	<b>0.746</b>
psSAR10g [W/Kg]	0.512	<b>0.505</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE TOP

## Exposure Conditions

Band	Band 7	TSL Permittivity	39.4
Frequency [MHz]   Channel Number	2510.000   20850	TSL Conductivity [S/m]	1.88
Group   UID	LTE-FDD   10169-CAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

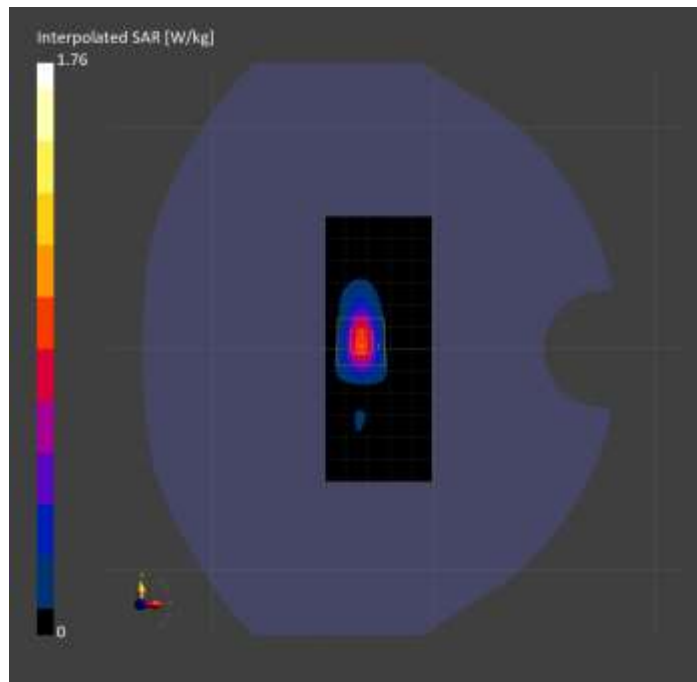
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	<b>0.734</b>
psSAR10g [W/Kg]	0.265	<b>0.276</b>
Power Drift [dB]	N/A	0.08



# Measurement Report for Band 7: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, FRONT

## Exposure Conditions

Band	Band 7	TSL Permittivity	40.2
Frequency [MHz]   Channel Number	2535.000   21100	TSL Conductivity [S/m]	1.85
Group   UID	LTE-FDD   10297-AAE	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

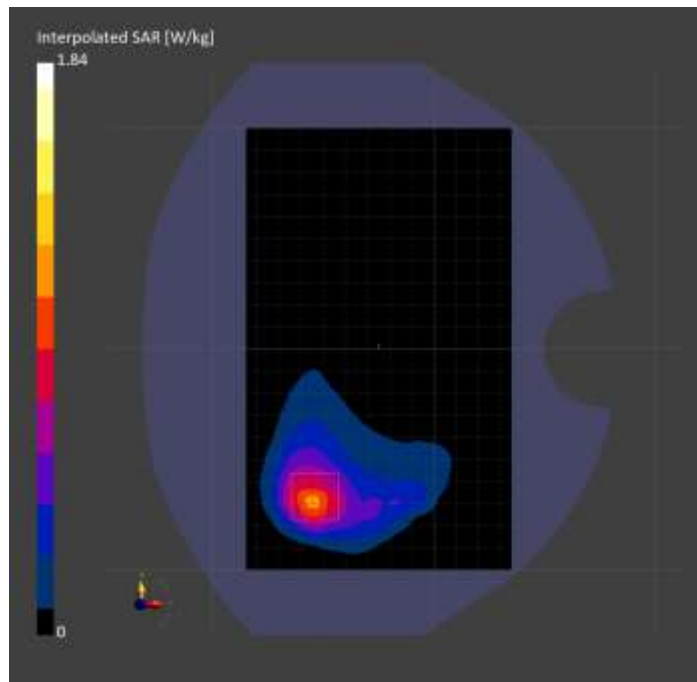
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		77.5
Dist 3dB Peak [mm]		9.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.868	<b>0.879</b>
psSAR10g [W/Kg]	0.430	<b>0.431</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band 7: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 7	TSL Permittivity	40.5
Frequency [MHz]   Channel Number	2535.000   21100	TSL Conductivity [S/m]	1.84
Group   UID	LTE-FDD   10169-CAF	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

## Hardware Setup

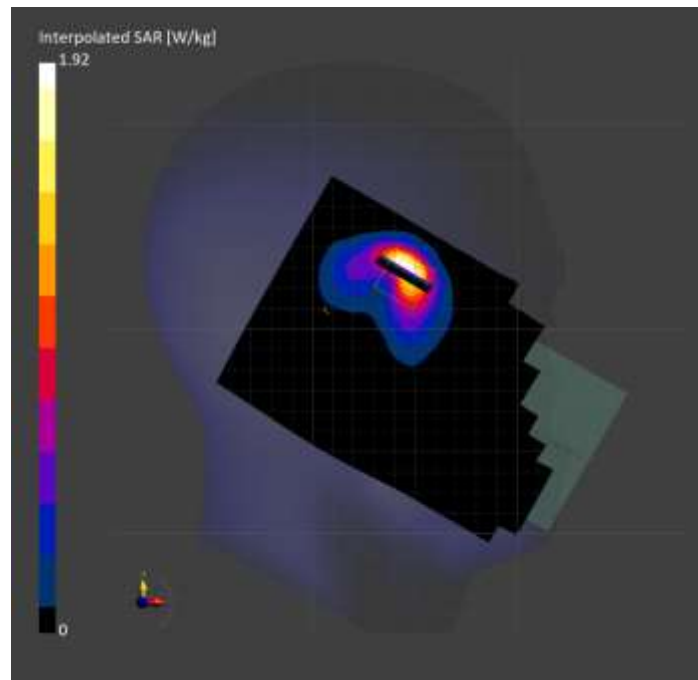
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		73.0
Dist 3dB Peak [mm]		6.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.707	<b>0.732</b>
psSAR10g [W/Kg]	0.308	<b>0.316</b>
Power Drift [dB]	N/A	-0.07



# Measurement Report for Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 12	TSL Permittivity	41.9
Frequency [MHz]   Channel Number	707.500   23095	TSL Conductivity [S/m]	0.857
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

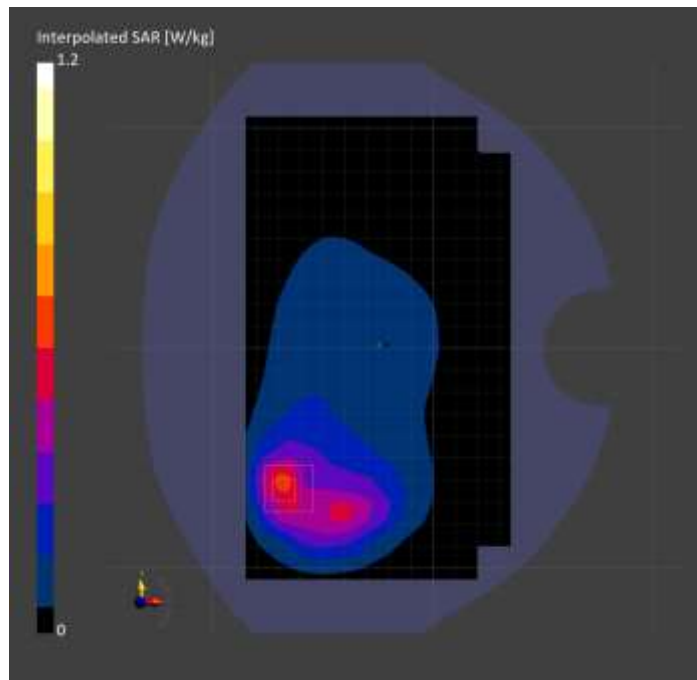
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		72.7
Dist 3dB Peak [mm]		9.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.519	<b>0.515</b>
psSAR10g [W/Kg]	0.322	<b>0.273</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 12	TSL Permittivity	41.9
Frequency [MHz]   Channel Number	707.500   23095	TSL Conductivity [S/m]	0.857
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

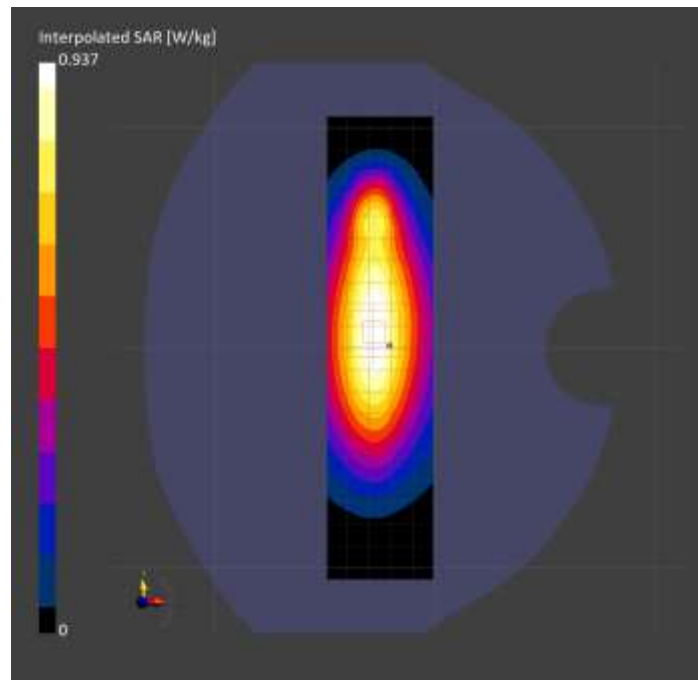
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.7
Dist 3dB Peak [mm]		> 15.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.583	<b>0.590</b>
psSAR10g [W/Kg]	0.393	<b>0.398</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 12	TSL Permittivity	41.0
Frequency [MHz]   Channel Number	707.500   23095	TSL Conductivity [S/m]	0.860
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

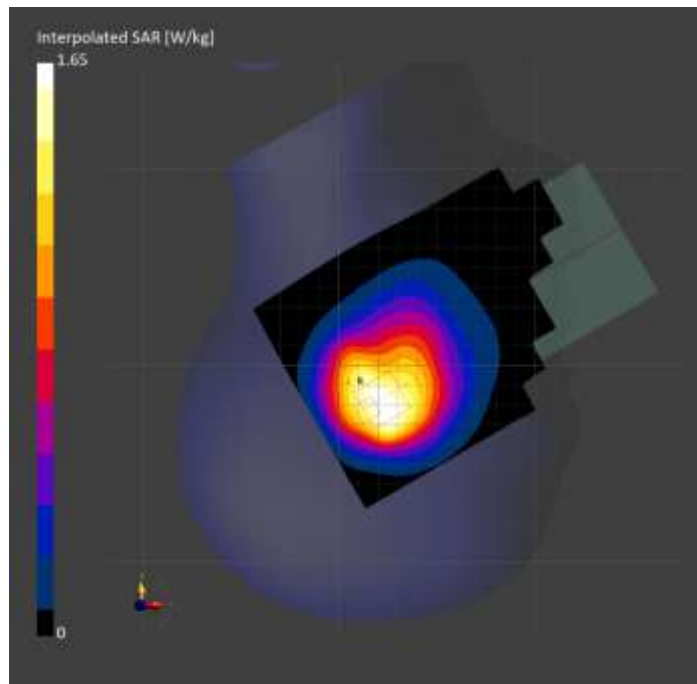
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		10.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.739	<b>0.791</b>
psSAR10g [W/Kg]	0.509	<b>0.486</b>
Power Drift [dB]	N/A	-0.02





# Measurement Report for Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 13	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	782.000   23230	TSL Conductivity [S/m]	0.884
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

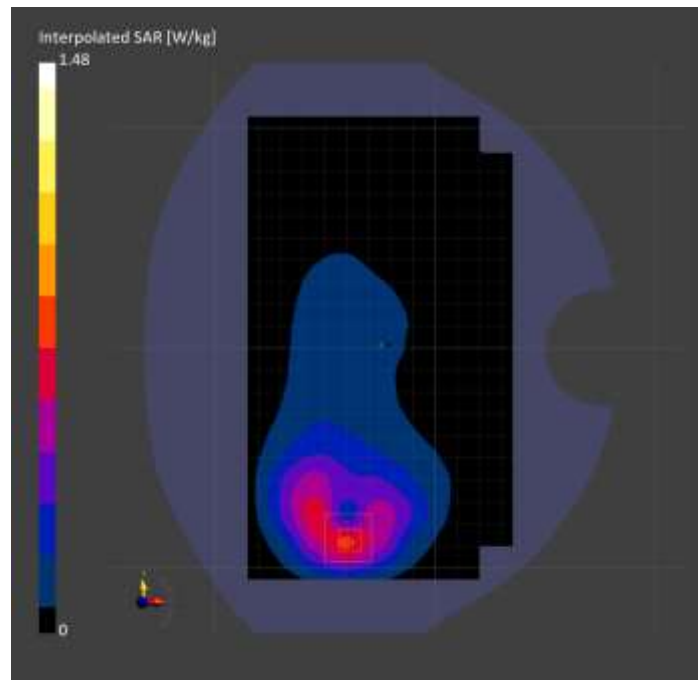
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		8.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.617	<b>0.663</b>
psSAR10g [W/Kg]	0.388	<b>0.347</b>
Power Drift [dB]	N/A	0.08



# Measurement Report for Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 13	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	782.000   23230	TSL Conductivity [S/m]	0.884
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

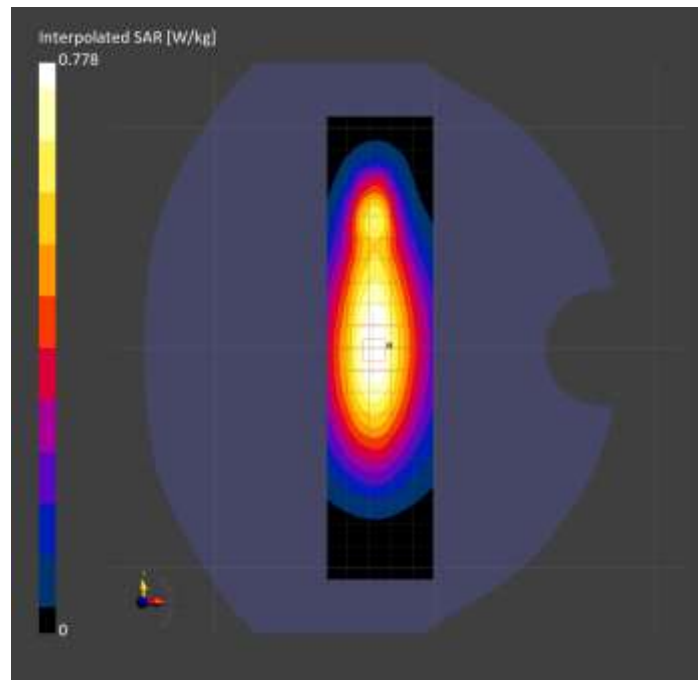
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.0
Dist 3dB Peak [mm]		> 15.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.483	<b>0.491</b>
psSAR10g [W/Kg]	0.323	<b>0.328</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 13	TSL Permittivity	42.9
Frequency [MHz]   Channel Number	782.000   23230	TSL Conductivity [S/m]	0.884
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

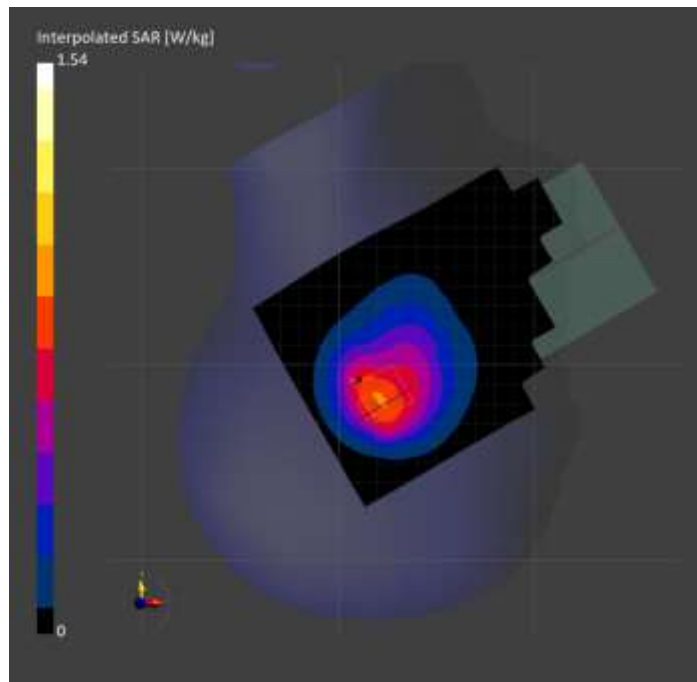
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.1
Dist 3dB Peak [mm]		11.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.786	<b>0.788</b>
psSAR10g [W/Kg]	0.524	<b>0.515</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 14	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	793.000   23330	TSL Conductivity [S/m]	0.887
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

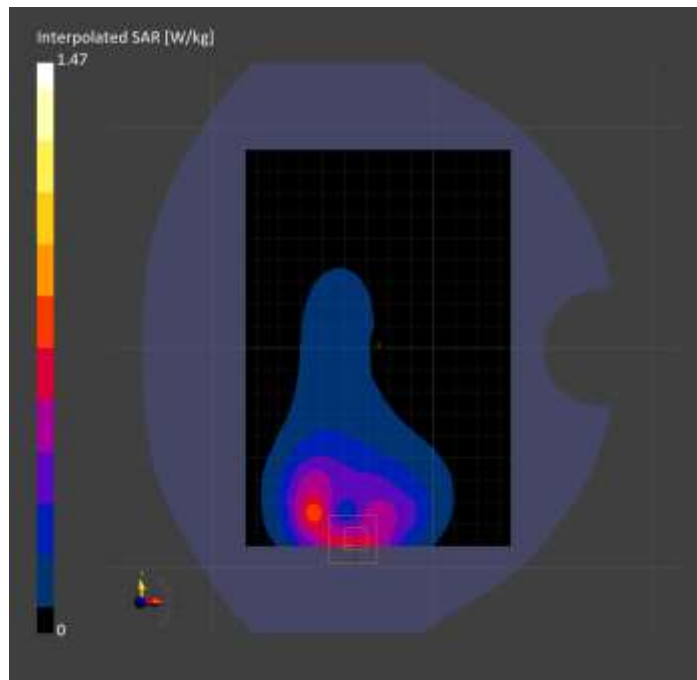
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		75.3
Dist 3dB Peak [mm]		7.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	<b>0.651</b>
psSAR10g [W/Kg]	0.374	<b>0.336</b>
Power Drift [dB]	N/A	-0.06



# Measurement Report for Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 14	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	793.000   23330	TSL Conductivity [S/m]	0.887
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

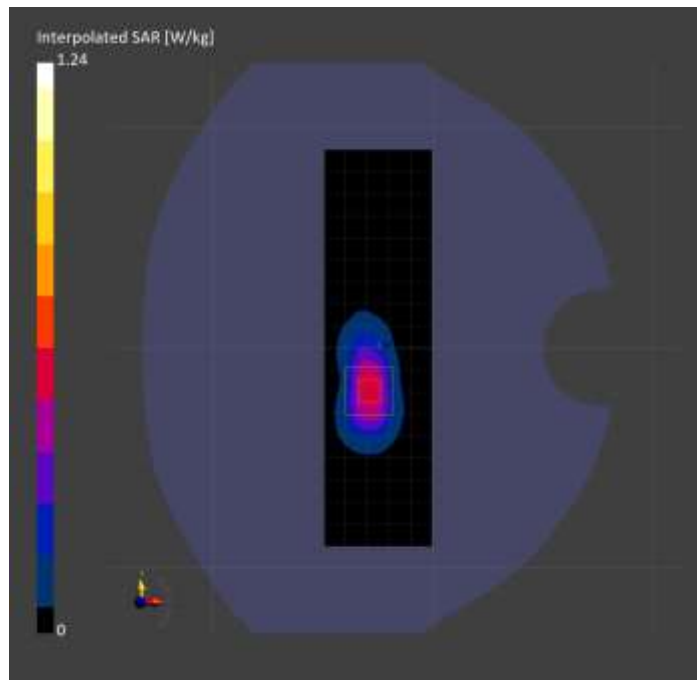
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.6 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.1 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.6
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.493	<b>0.503</b>
psSAR10g [W/Kg]	0.268	<b>0.225</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 14: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 14	TSL Permittivity	42.8
Frequency [MHz]   Channel Number	793.000   23330	TSL Conductivity [S/m]	0.888
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

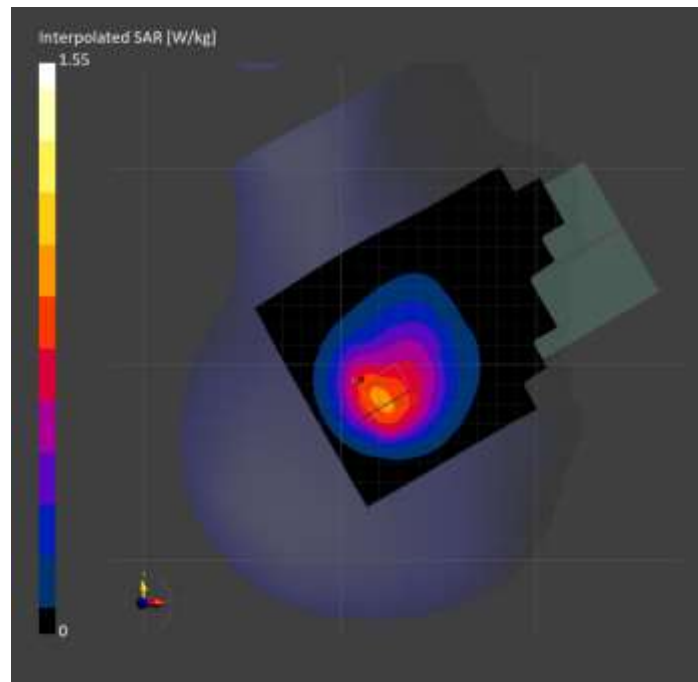
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		11.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.818	<b>0.809</b>
psSAR10g [W/Kg]	0.546	<b>0.529</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band 25: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 25	TSL Permittivity	40.8
Frequency [MHz]   Channel Number	1882.500   26365	TSL Conductivity [S/m]	1.36
Group   UID	LTE-FDD   10100-CAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

## Hardware Setup

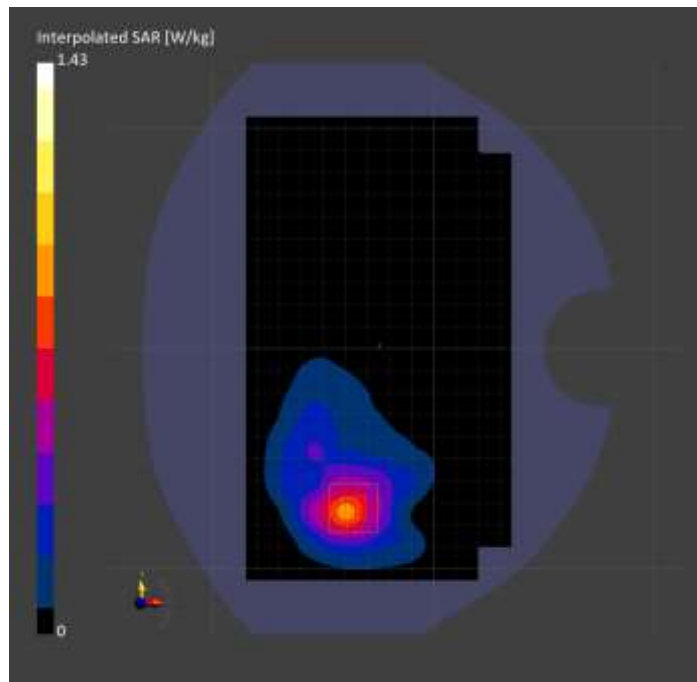
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		81.7
Dist 3dB Peak [mm]		10.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.699	<b>0.746</b>
psSAR10g [W/Kg]	0.375	<b>0.377</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 25	TSL Permittivity	39.9
Frequency [MHz]   Channel Number	1905.000   26590	TSL Conductivity [S/m]	1.45
Group   UID	LTE-FDD   10297-AAE	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.53	Test Distance [mm]	0.00

## Hardware Setup

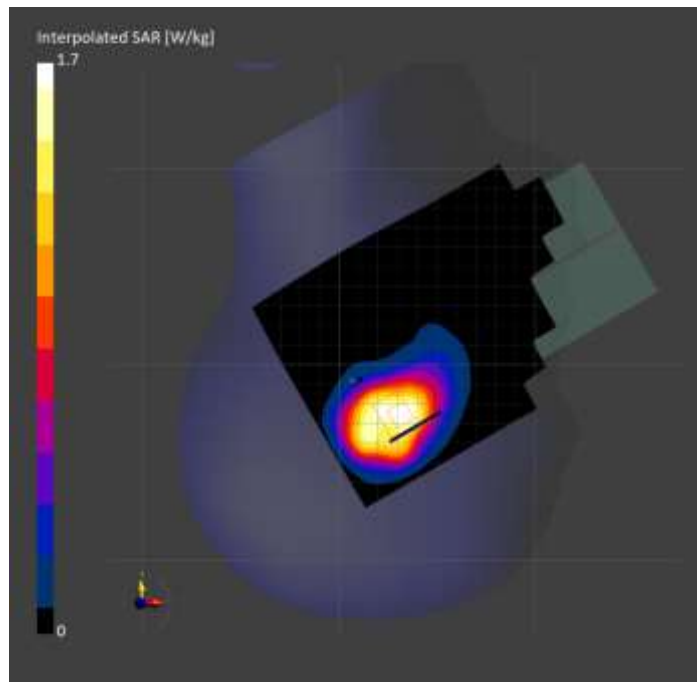
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		11.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.712	<b>0.800</b>
psSAR10g [W/Kg]	0.425	<b>0.466</b>
Power Drift [dB]	N/A	-0.00





# Measurement Report for Band 25: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 25	TSL Permittivity	40.0
Frequency [MHz]   Channel Number	1860.000   26140	TSL Conductivity [S/m]	1.42
Group   UID	LTE-FDD   10297-AAE	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

## Hardware Setup

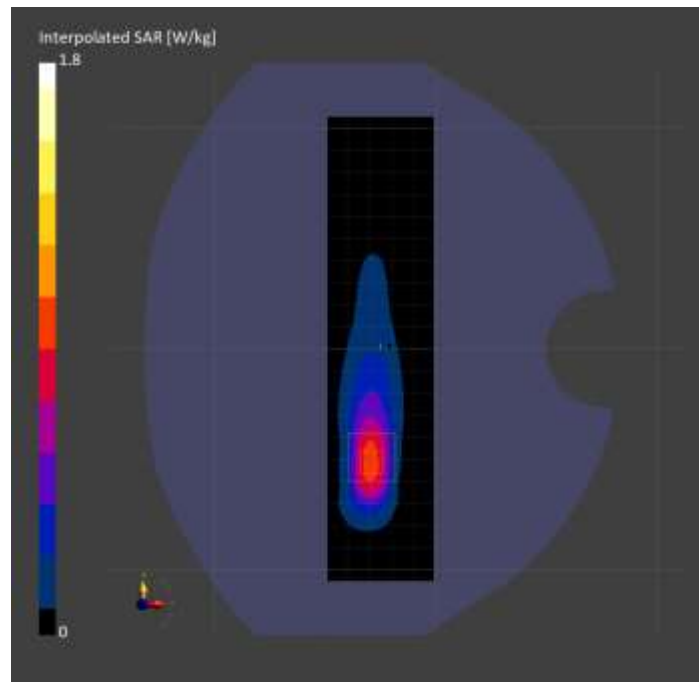
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.9
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.805	<b>0.879</b>
psSAR10g [W/Kg]	0.386	<b>0.401</b>
Power Drift [dB]	N/A	0.01



# Measurement Report for Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 26	TSL Permittivity	41.2
Frequency [MHz]   Channel Number	831.500   26865	TSL Conductivity [S/m]	0.867
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

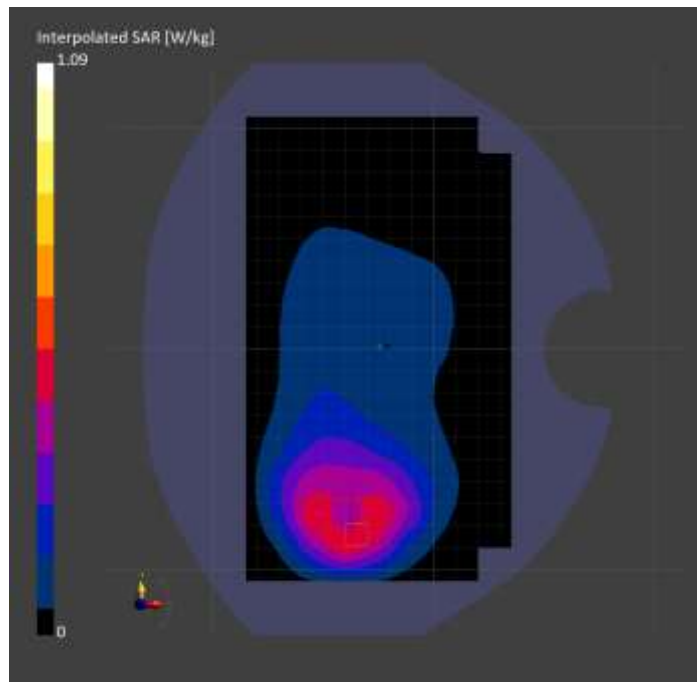
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.5
Dist 3dB Peak [mm]		11.9

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.453	<b>0.514</b>
psSAR10g [W/Kg]	0.302	<b>0.285</b>
Power Drift [dB]	N/A	0.01



# Measurement Report for Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 26	TSL Permittivity	41.2
Frequency [MHz]   Channel Number	831.500   26865	TSL Conductivity [S/m]	0.867
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

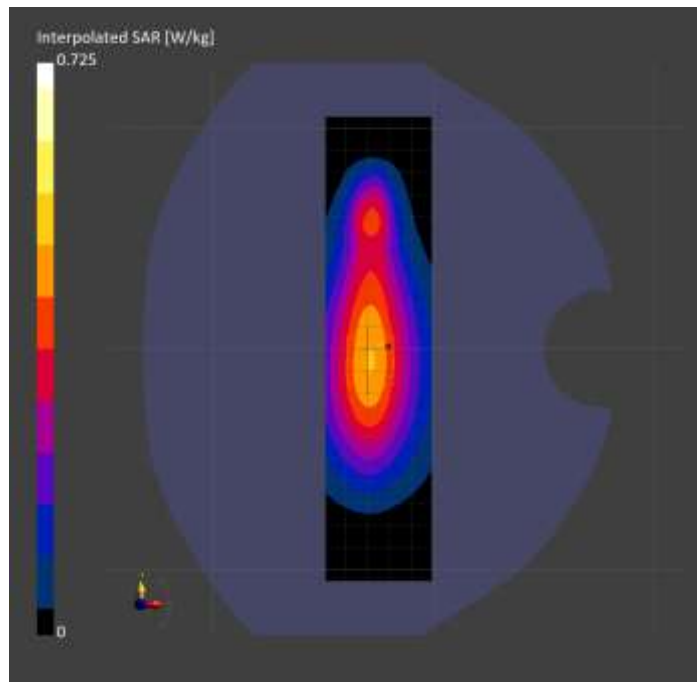
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.9
Dist 3dB Peak [mm]		18.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.424	<b>0.431</b>
psSAR10g [W/Kg]	0.281	<b>0.282</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band 26: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 26	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	831.500   26865	TSL Conductivity [S/m]	0.867
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

## Hardware Setup

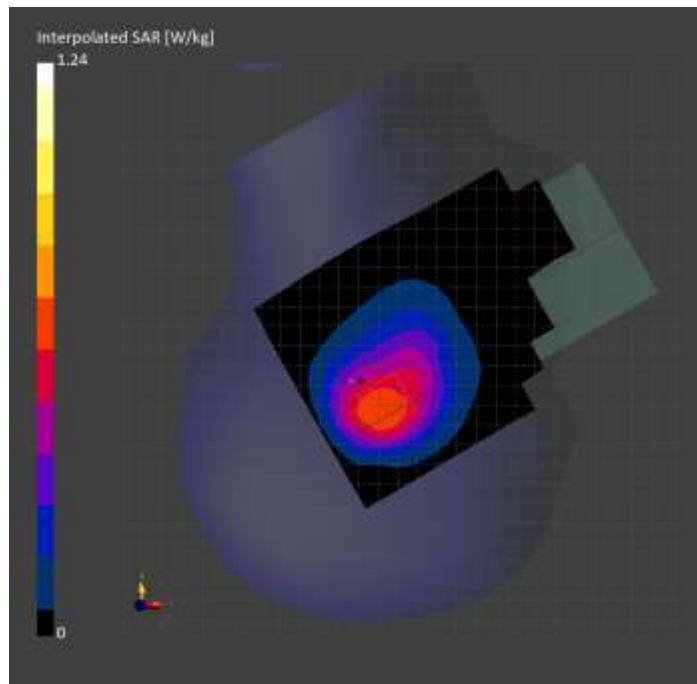
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.9
Dist 3dB Peak [mm]		8.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.616	<b>0.648</b>
psSAR10g [W/Kg]	0.416	<b>0.429</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for Band 30: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 30	TSL Permittivity	38.1
Frequency [MHz]   Channel Number	2310.000   27710	TSL Conductivity [S/m]	1.62
Group   UID	LTE-FDD   10175-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

## Hardware Setup

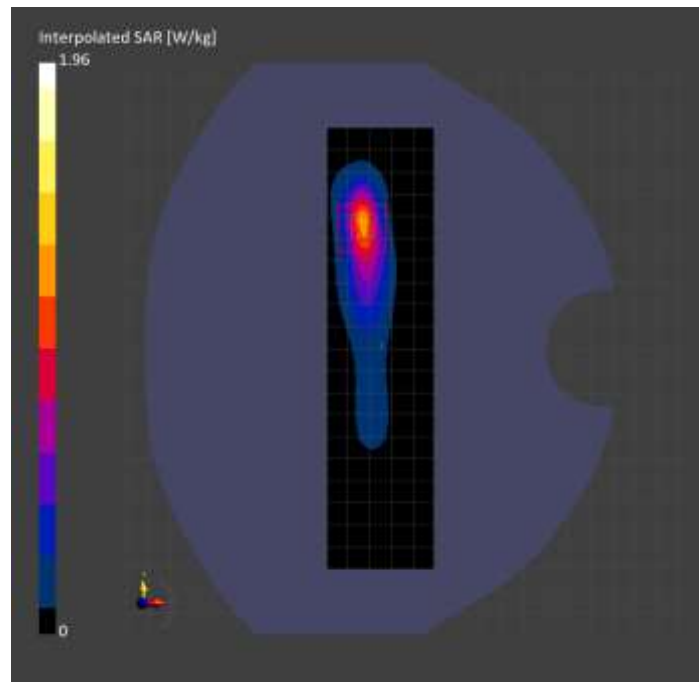
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		6.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.890	<b>0.898</b>
psSAR10g [W/Kg]	0.385	<b>0.389</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 30: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, TILT

## Exposure Conditions

Band	Band 30	TSL Permittivity	38.4
Frequency [MHz]   Channel Number	2310.000   27710	TSL Conductivity [S/m]	1.66
Group   UID	LTE-FDD   10154-CAH	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.31	Test Distance [mm]	0.00

## Hardware Setup

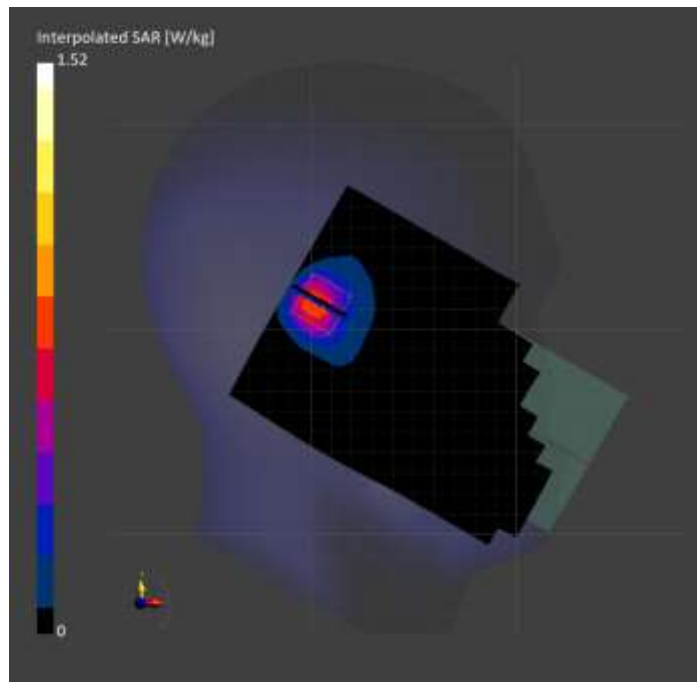
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		8.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.675	<b>0.737</b>
psSAR10g [W/Kg]	0.330	<b>0.341</b>
Power Drift [dB]	N/A	0.00



# Measurement Report for Band 30: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) AntennaCfg:SISO, FRONT

## Exposure Conditions

Band	Band 30	TSL Permittivity	38.4
Frequency [MHz]   Channel Number	2310.000   27710	TSL Conductivity [S/m]	1.66
Group   UID	LTE-FDD   10108-CAH	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.31	Test Distance [mm]	5.00

## Hardware Setup

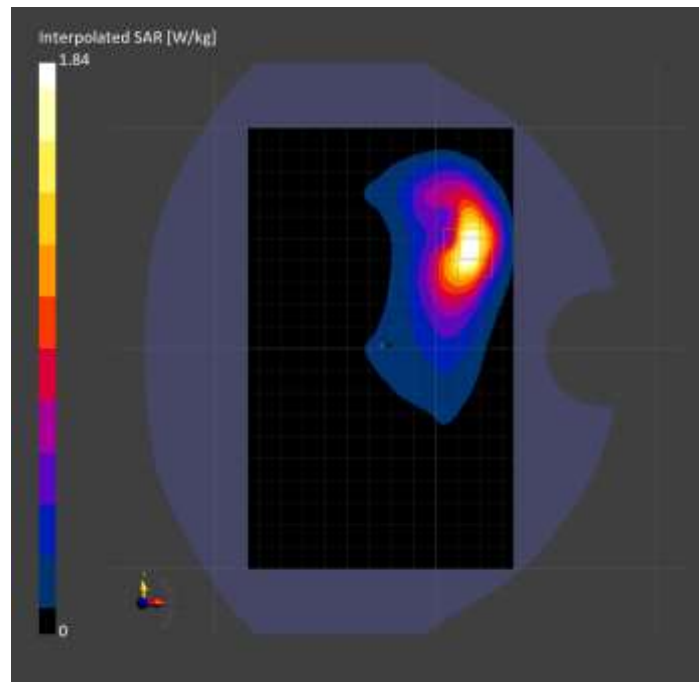
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.6
Dist 3dB Peak [mm]		7.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.841	<b>0.869</b>
psSAR10g [W/Kg]	0.405	<b>0.419</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, FRONT

## Exposure Conditions

Band	Band 41	TSL Permittivity	40.1
Frequency [MHz]   Channel Number	2593.000   40620	TSL Conductivity [S/m]	1.90
Group   UID	LTE-TDD   10494-AAG	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

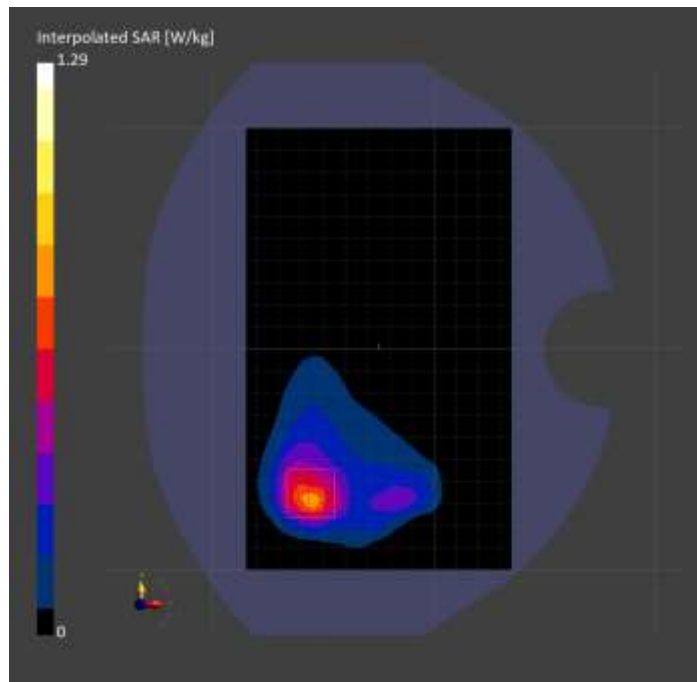
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		80.4
Dist 3dB Peak [mm]		9.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.619	<b>0.627</b>
psSAR10g [W/Kg]	0.302	<b>0.302</b>
Power Drift [dB]	N/A	-0.01





# Measurement Report for Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

## Exposure Conditions

Band	Band 41	TSL Permittivity	39.9
Frequency [MHz]   Channel Number	2680.000   41490	TSL Conductivity [S/m]	1.97
Group   UID	LTE-TDD   10494-AAG	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

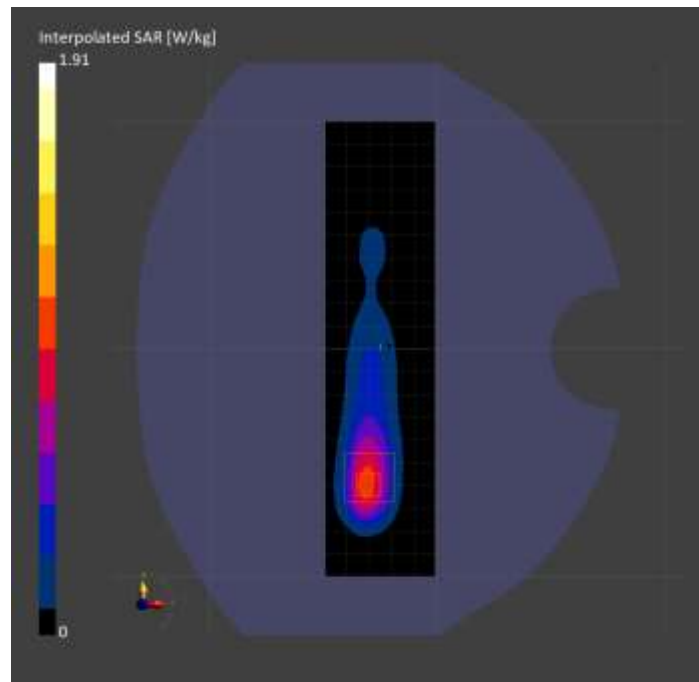
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.6
Dist 3dB Peak [mm]		7.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.808	<b>0.827</b>
psSAR10g [W/Kg]	0.359	<b>0.366</b>
Power Drift [dB]	N/A	0.04



# Measurement Report for Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 41	TSL Permittivity	38.2
Frequency [MHz]   Channel Number	2680.000   41490	TSL Conductivity [S/m]	1.94
Group   UID	LTE-TDD   10494-AAG	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

## Hardware Setup

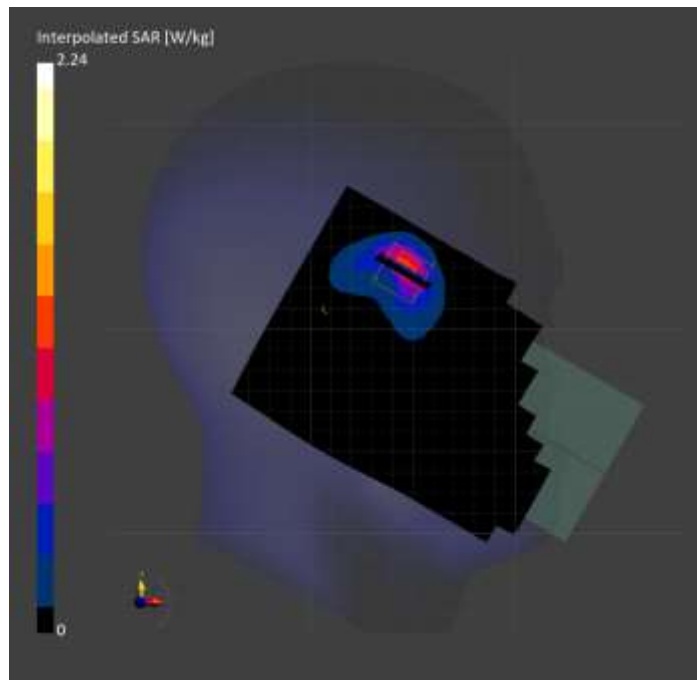
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		6.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.875	<b>0.895</b>
psSAR10g [W/Kg]	0.377	<b>0.371</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 48	TSL Permittivity	38.9
Frequency [MHz]   Channel Number	3646.700   56207	TSL Conductivity [S/m]	2.97
Group   UID	LTE-TDD   10435-AAG	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.92	Test Distance [mm]	5.00

## Hardware Setup

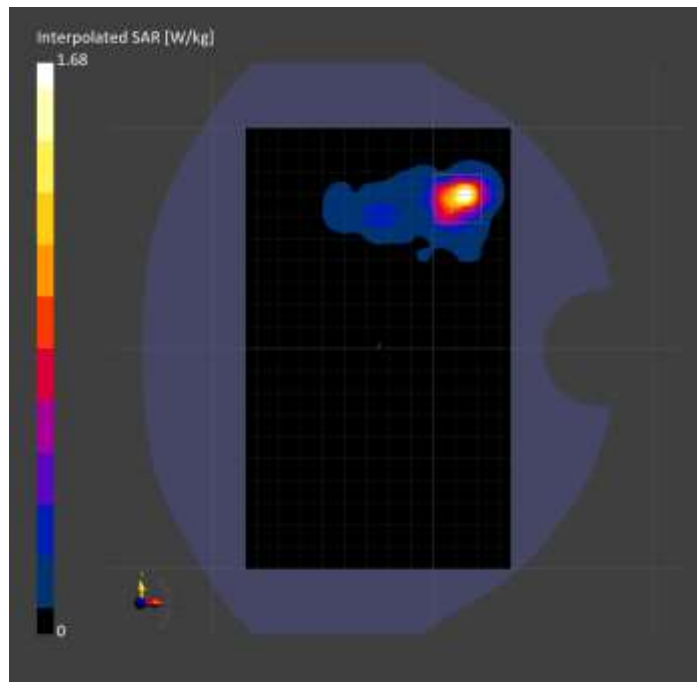
Probe   Calibration Date	EX3DV4 - SN7335   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4ip Sn1619   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.1
Dist 3dB Peak [mm]		5.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.488	<b>0.561</b>
psSAR10g [W/Kg]	0.167	<b>0.173</b>
Power Drift [dB]	N/A	-0.10



# Measurement Report for Band 48: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

## Exposure Conditions

Band	Band 48	TSL Permittivity	39.0
Frequency [MHz]   Channel Number	3560.000   55340	TSL Conductivity [S/m]	3.05
Group   UID	LTE-TDD   10435-AAG	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

## Hardware Setup

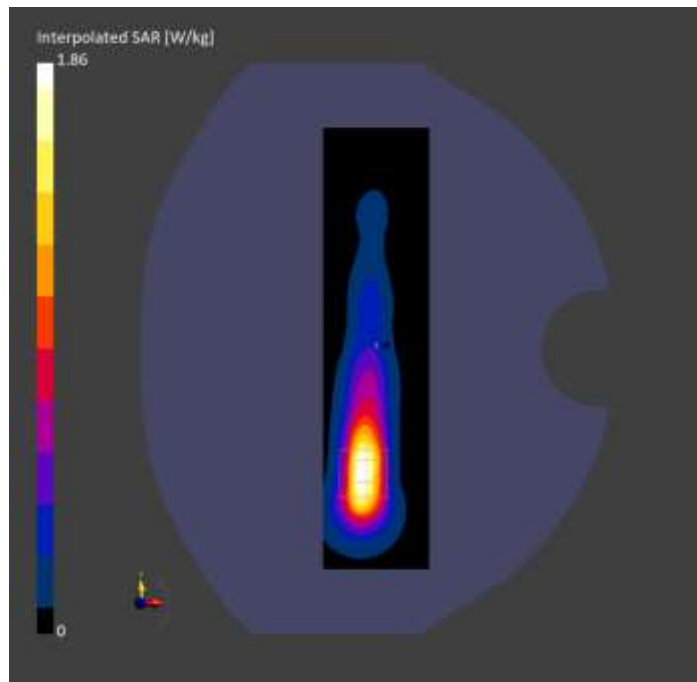
Probe   Calibration Date	EX3DV4 - SN7335   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4ip Sn1619   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.7
Dist 3dB Peak [mm]		7.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.670	<b>0.703</b>
psSAR10g [W/Kg]	0.273	<b>0.272</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band 48: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 48	TSL Permittivity	39.0
Frequency [MHz]   Channel Number	3560.000   55340	TSL Conductivity [S/m]	2.97
Group   UID	LTE-TDD   10494-AAG	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	6.79	Test Distance [mm]	0.00

## Hardware Setup

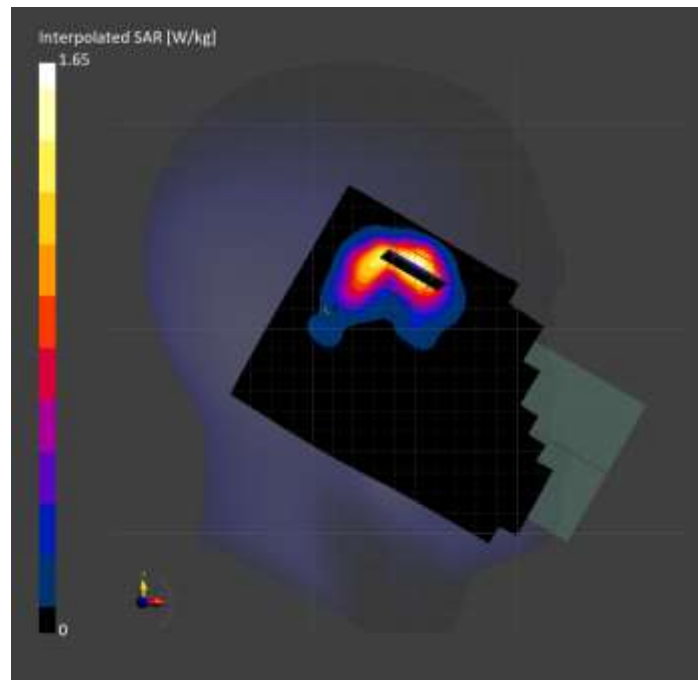
Probe   Calibration Date	EX3DV4 - SN3990   2023-02-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1545   2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		74.2
Dist 3dB Peak [mm]		5.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.522	<b>0.593</b>
psSAR10g [W/Kg]	0.218	<b>0.228</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for Band 53: LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) AntennaCfg:SISO, TILT

## Exposure Conditions

Band	Band 53	TSL Permittivity	37.9
Frequency [MHz]   Channel Number	2489.200   60197	TSL Conductivity [S/m]	1.86
Group   UID	LTE-TDD   10506-AAG	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

## Hardware Setup

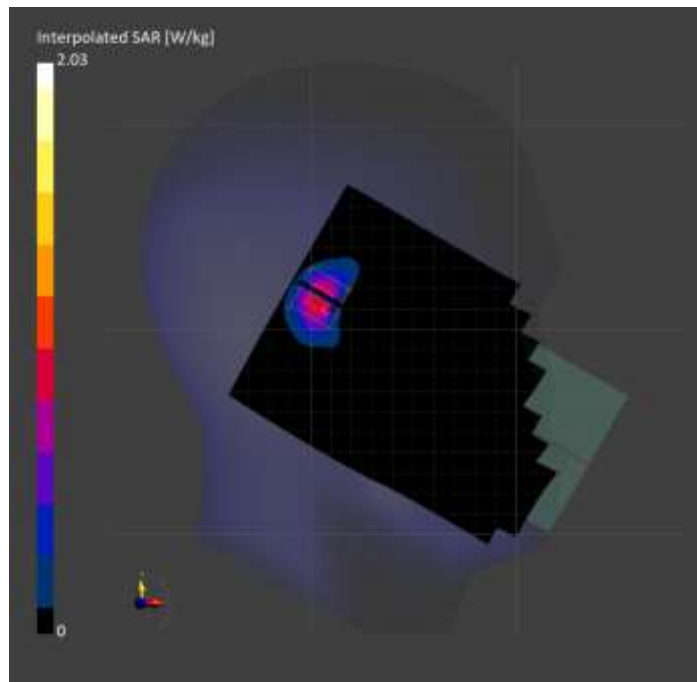
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		77.6
Dist 3dB Peak [mm]		5.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.751	<b>0.860</b>
psSAR10g [W/Kg]	0.340	<b>0.341</b>
Power Drift [dB]	N/A	0.04



# Measurement Report for Band 53: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 53	TSL Permittivity	37.5
Frequency [MHz]   Channel Number	2489.200   60197	TSL Conductivity [S/m]	1.86
Group   UID	LTE-TDD   10470-AAG	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

## Hardware Setup

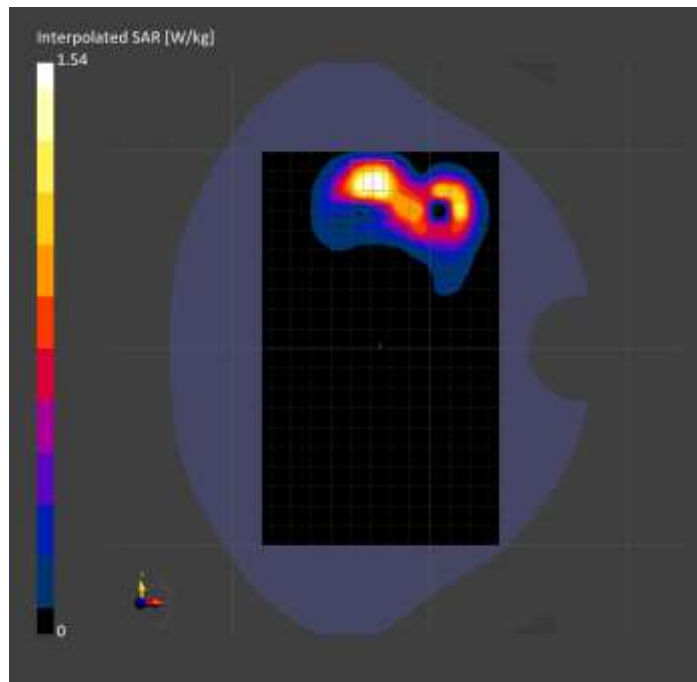
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		79.0
Dist 3dB Peak [mm]		6.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.585	<b>0.674</b>
psSAR10g [W/Kg]	0.267	<b>0.268</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 53: LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, EDGE TOP

## Exposure Conditions

Band	Band 53	TSL Permittivity	37.5
Frequency [MHz]   Channel Number	2489.200   60197	TSL Conductivity [S/m]	1.86
Group   UID	LTE-TDD   10488-AAG	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

## Hardware Setup

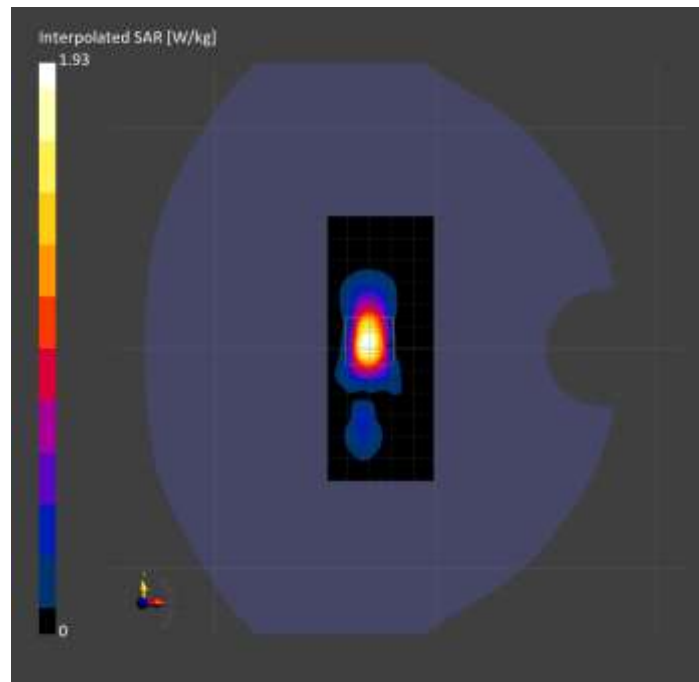
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.719	<b>0.772</b>
psSAR10g [W/Kg]	0.278	<b>0.288</b>
Power Drift [dB]	N/A	0.01





# Measurement Report for Band 66: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 66	TSL Permittivity	40.1
Frequency [MHz]   Channel Number	1745.000   132322	TSL Conductivity [S/m]	1.34
Group   UID	LTE-FDD   10297-AAE	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

## Hardware Setup

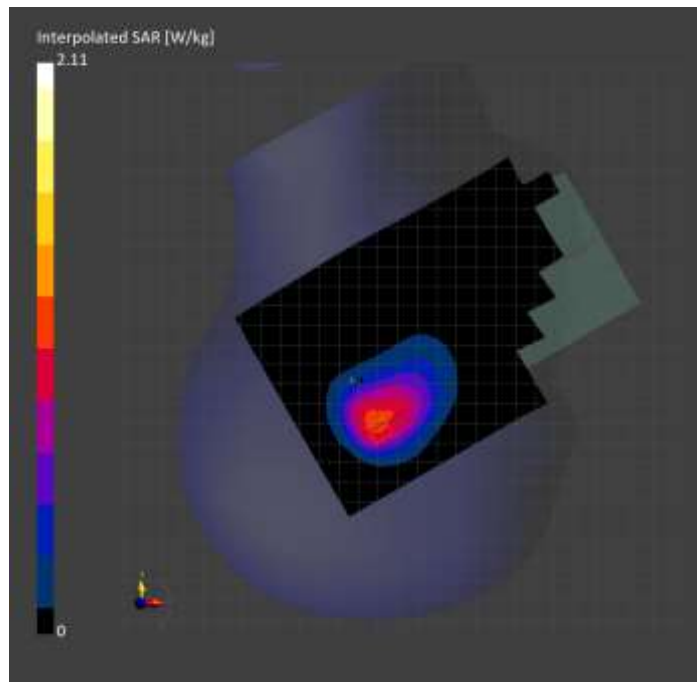
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		70.9
Dist 3dB Peak [mm]		6.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.940	<b>0.883</b>
psSAR10g [W/Kg]	0.554	<b>0.521</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band 66: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 66	TSL Permittivity	41.8
Frequency [MHz]   Channel Number	1770.000   132572	TSL Conductivity [S/m]	1.36
Group   UID	LTE-FDD   10297-AAE	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

## Hardware Setup

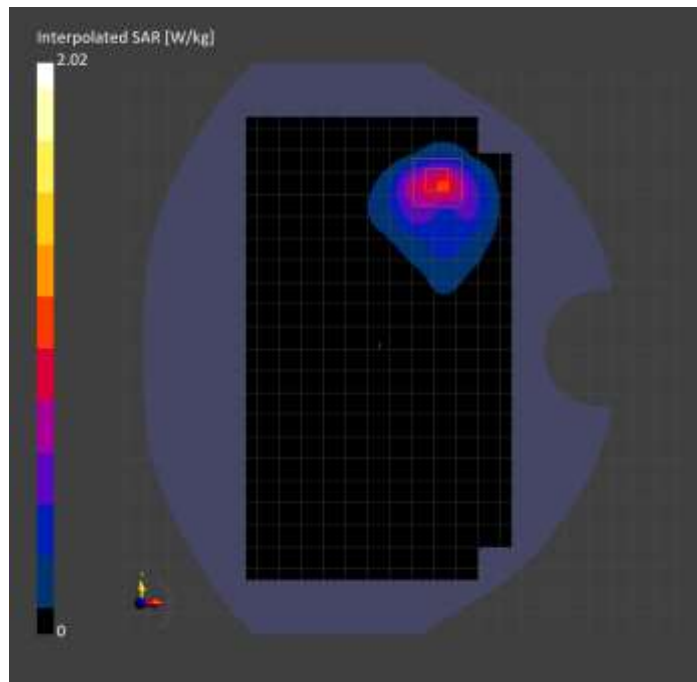
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.2
Dist 3dB Peak [mm]		7.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.811	<b>0.845</b>
psSAR10g [W/Kg]	0.435	<b>0.392</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 66	TSL Permittivity	41.7
Frequency [MHz]   Channel Number	1770.000   132572	TSL Conductivity [S/m]	1.35
Group   UID	LTE-FDD   10169-CAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.66	Test Distance [mm]	5.00

## Hardware Setup

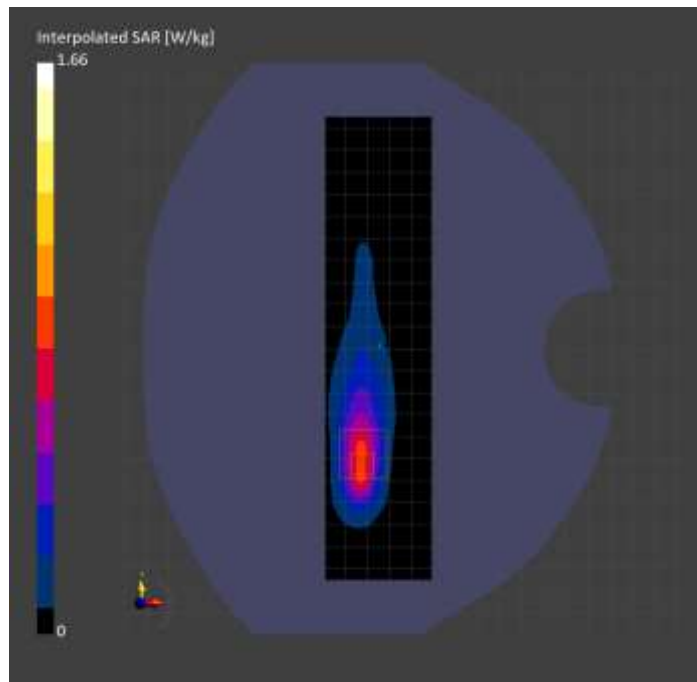
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		72.3
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.699	<b>0.747</b>
psSAR10g [W/Kg]	0.334	<b>0.344</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band 71	TSL Permittivity	41.8
Frequency [MHz]   Channel Number	680.500   133297	TSL Conductivity [S/m]	0.851
Group   UID	LTE-FDD   10169-CAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

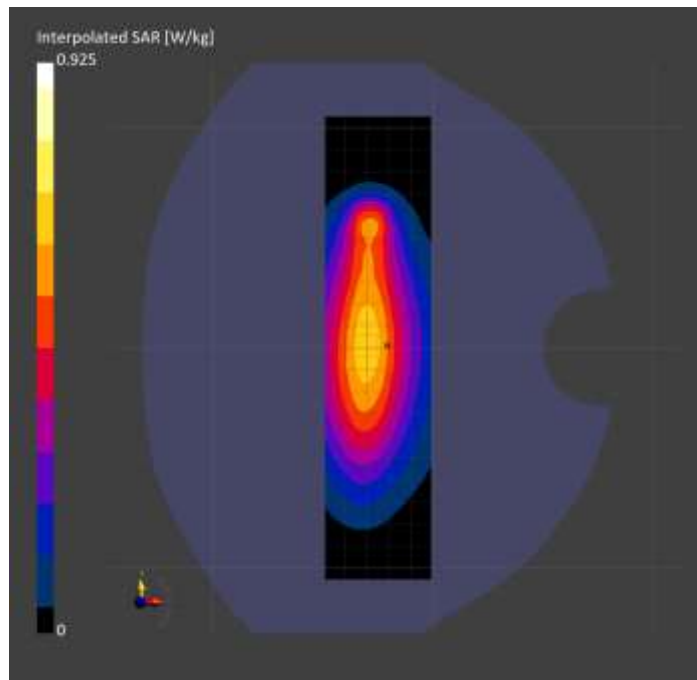
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.3
Dist 3dB Peak [mm]		> 15.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.584	<b>0.584</b>
psSAR10g [W/Kg]	0.394	<b>0.391</b>
Power Drift [dB]	N/A	0.00



# Measurement Report for Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band 71	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	680.500   133297	TSL Conductivity [S/m]	0.852
Group   UID	LTE-FDD   10169-CAF	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

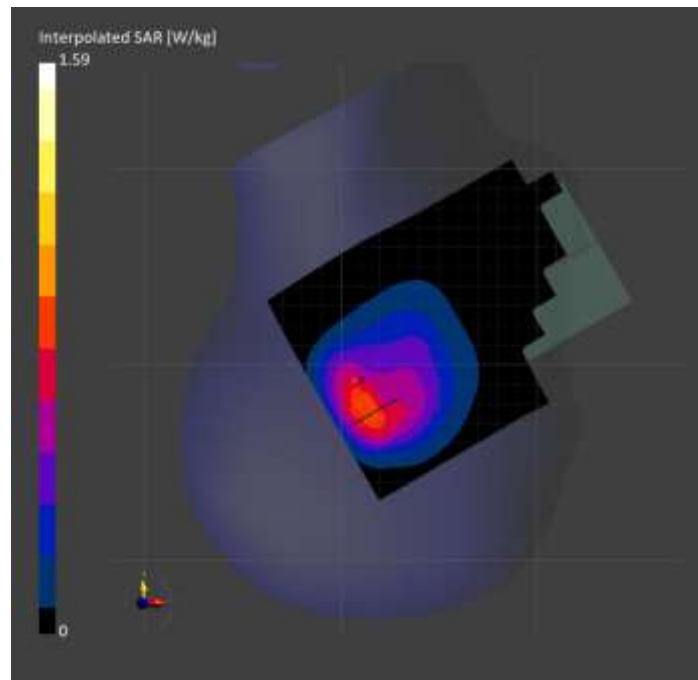
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		9.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.776	<b>0.707</b>
psSAR10g [W/Kg]	0.506	<b>0.412</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for Band 71: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band 71	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	680.500   133297	TSL Conductivity [S/m]	0.852
Group   UID	LTE-FDD   10169-CAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

## Hardware Setup

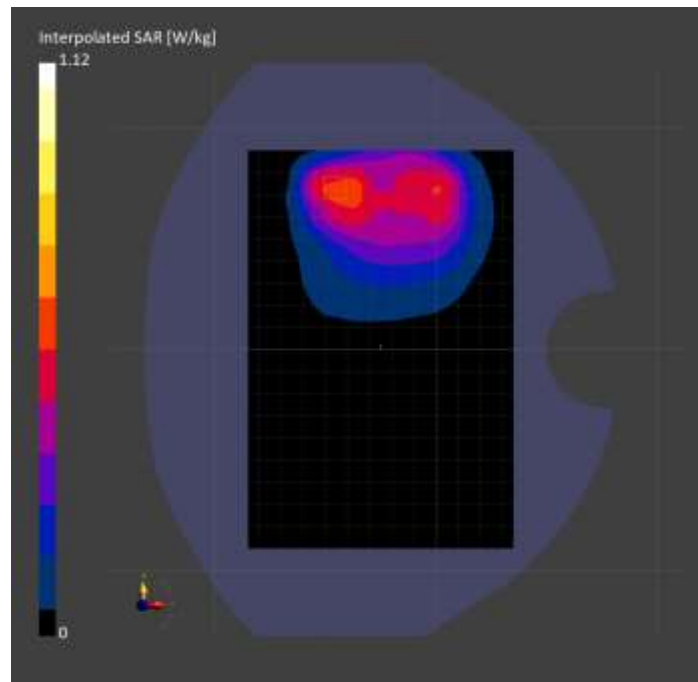
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		73.3
Dist 3dB Peak [mm]		7.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.543	<b>0.509</b>
psSAR10g [W/Kg]	0.356	<b>0.297</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band n5: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n5	TSL Permittivity	39.9
Frequency [MHz]   Channel Number	836.500   167300	TSL Conductivity [S/m]	0.870
Group   UID	5G NR FR1 FDD   10939-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

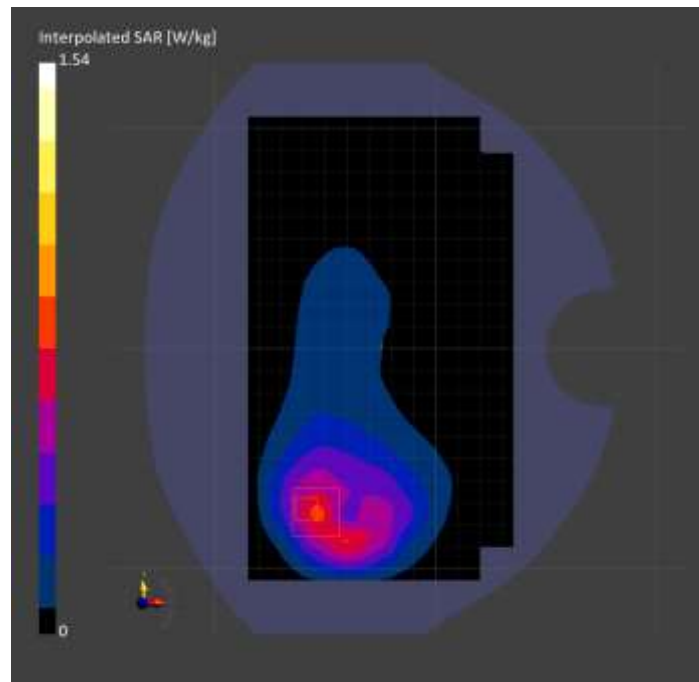
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		8.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.660	<b>0.683</b>
psSAR10g [W/Kg]	0.420	<b>0.382</b>
Power Drift [dB]	N/A	-0.10



# Measurement Report for Band n5: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

## Exposure Conditions

Band	Band n5	TSL Permittivity	42.1
Frequency [MHz]   Channel Number	836.500   167300	TSL Conductivity [S/m]	0.898
Group   UID	5G NR FR1 FDD   10931-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

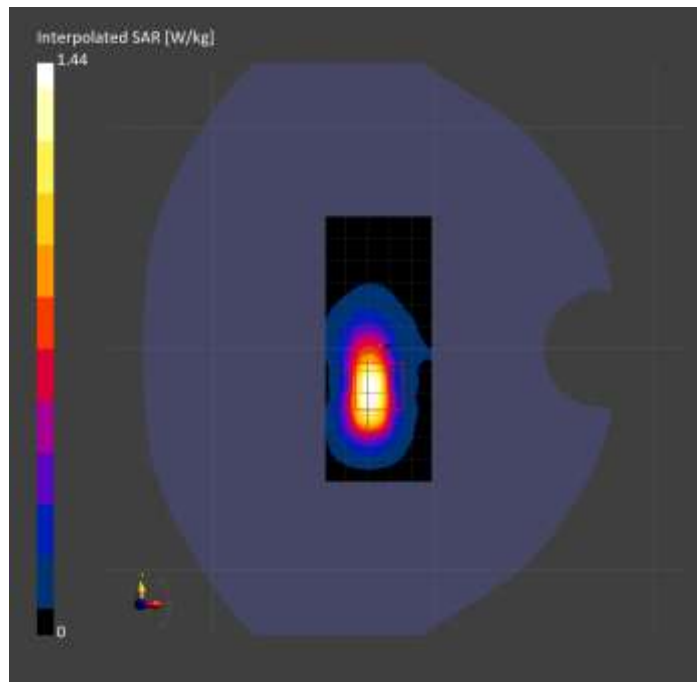
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		69.4
Dist 3dB Peak [mm]		4.9

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.473	<b>0.474</b>
psSAR10g [W/Kg]	0.255	<b>0.158</b>
Power Drift [dB]	N/A	N/A





# Measurement Report for Band n5: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n5	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	836.500   167300	TSL Conductivity [S/m]	0.869
Group   UID	5G NR FR1 FDD   10939-AAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

## Hardware Setup

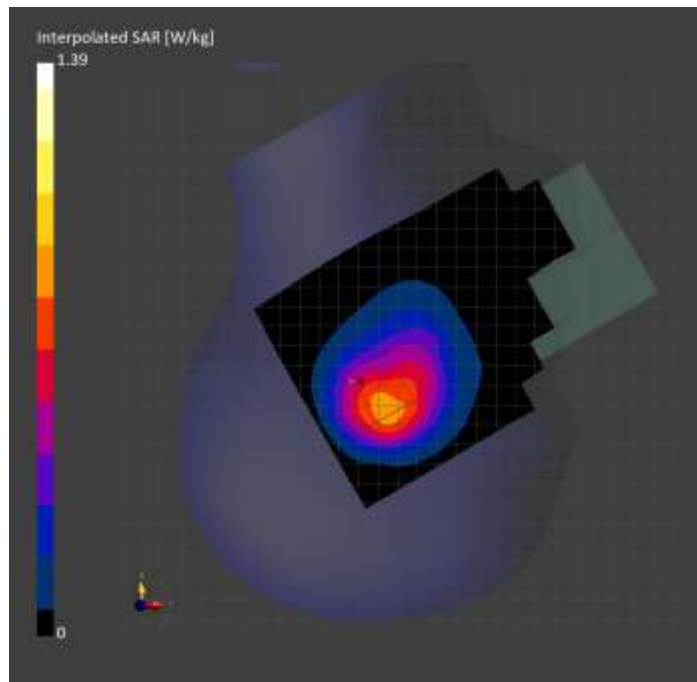
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		82.8
Dist 3dB Peak [mm]		12.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.764	<b>0.760</b>
psSAR10g [W/Kg]	0.511	<b>0.515</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band n7: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n7	TSL Permittivity	38.7
Frequency [MHz]   Channel Number	2535.000   507000	TSL Conductivity [S/m]	1.78
Group   UID	5G NR FR1 FDD   10934-AAC	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

## Hardware Setup

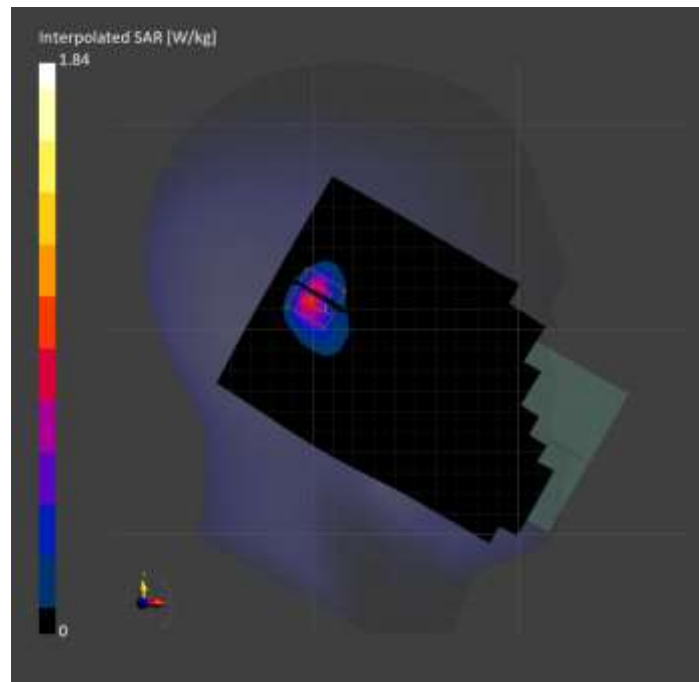
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		5.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.668	<b>0.796</b>
psSAR10g [W/Kg]	0.284	<b>0.315</b>
Power Drift [dB]	N/A	0.03



# Measurement Report for Band n7: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE TOP

## Exposure Conditions

Band	Band n7	TSL Permittivity	39.8
Frequency [MHz]   Channel Number	2535.000   507000	TSL Conductivity [S/m]	1.85
Group   UID	5G NR FR1 FDD   10942-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.64	Test Distance [mm]	5.00

## Hardware Setup

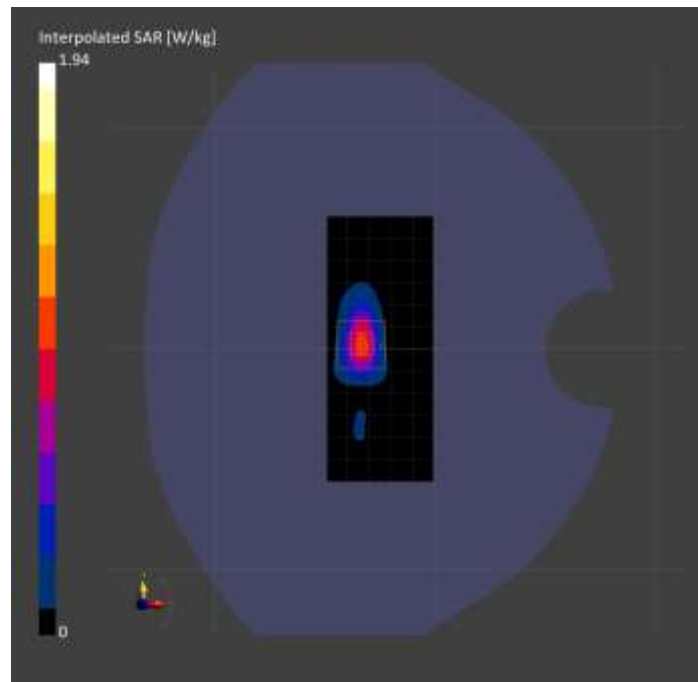
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.7
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.767	<b>0.794</b>
psSAR10g [W/Kg]	0.292	<b>0.305</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band n7: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, FRONT

## Exposure Conditions

Band	Band n7	TSL Permittivity	40.2
Frequency [MHz]   Channel Number	2535.000   507000	TSL Conductivity [S/m]	1.85
Group   UID	5G NR FR1 FDD   10942-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

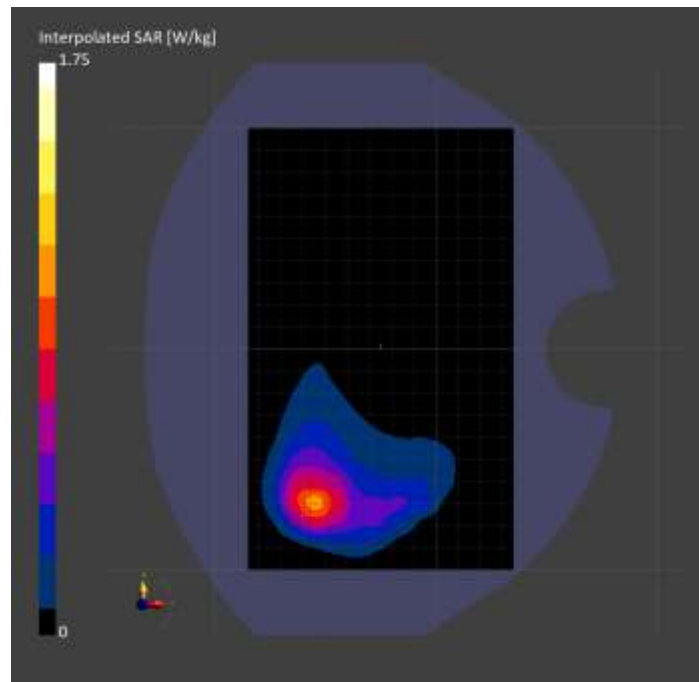
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.9
Dist 3dB Peak [mm]		10.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.839	<b>0.860</b>
psSAR10g [W/Kg]	0.418	<b>0.423</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band n12: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n12	TSL Permittivity	41.9
Frequency [MHz]   Channel Number	707.500   141500	TSL Conductivity [S/m]	0.857
Group   UID	5G NR FR1 FDD   10930-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

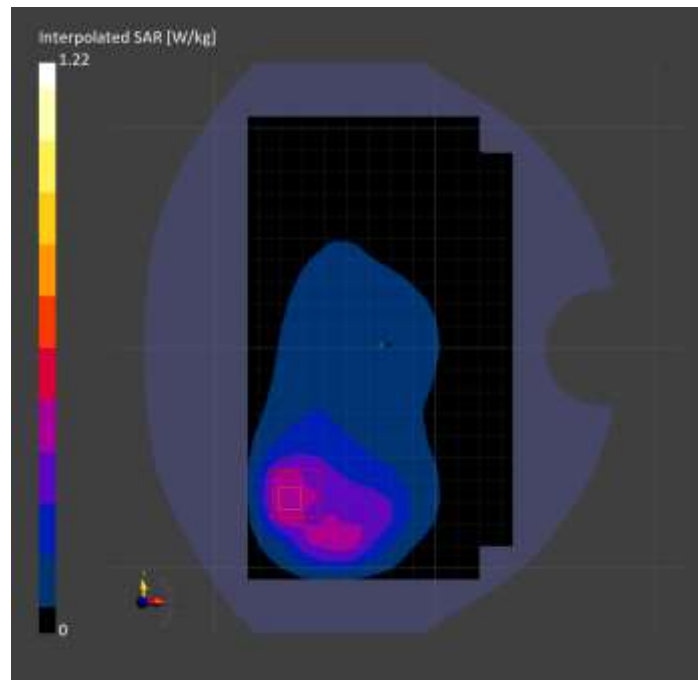
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		71.2
Dist 3dB Peak [mm]		9.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.435	<b>0.520</b>
psSAR10g [W/Kg]	0.286	<b>0.275</b>
Power Drift [dB]	N/A	-0.06



# Measurement Report for Band n12: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n12	TSL Permittivity	41.9
Frequency [MHz]   Channel Number	707.500   141500	TSL Conductivity [S/m]	0.857
Group   UID	5G NR FR1 FDD   10930-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

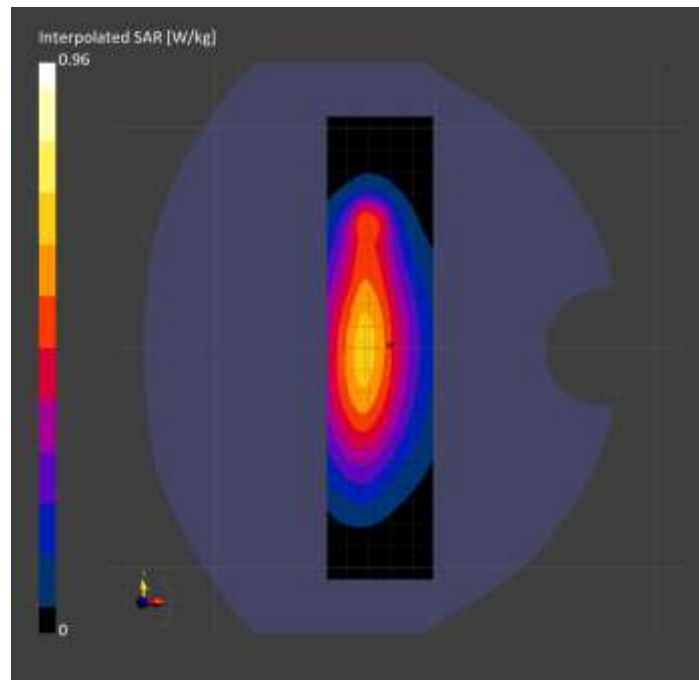
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.9
Dist 3dB Peak [mm]		> 15.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.593	<b>0.602</b>
psSAR10g [W/Kg]	0.399	<b>0.405</b>
Power Drift [dB]	N/A	0.04



# Measurement Report for Band n12: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n12	TSL Permittivity	42.9
Frequency [MHz]   Channel Number	707.500   141500	TSL Conductivity [S/m]	0.854
Group   UID	5G NR FR1 FDD   10938-AAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

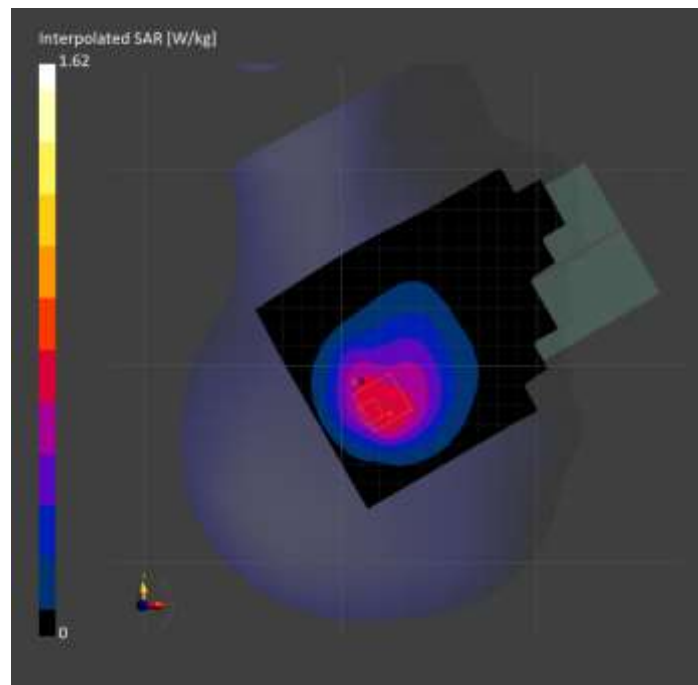
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.6
Dist 3dB Peak [mm]		9.7

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	<b>0.758</b>
psSAR10g [W/Kg]	0.481	<b>0.458</b>
Power Drift [dB]	N/A	-0.09



# Measurement Report for Band n14: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n14	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	793.000   158600	TSL Conductivity [S/m]	0.887
Group   UID	5G NR FR1 FDD   10929-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

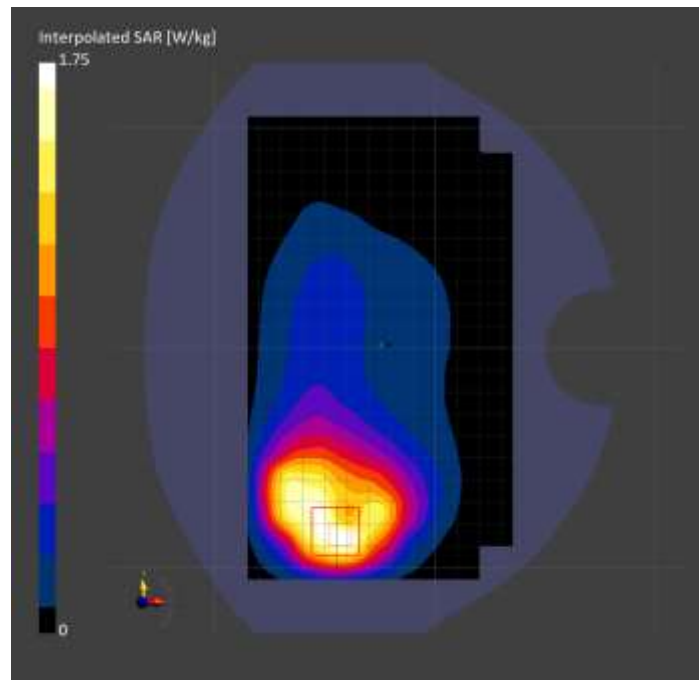
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		73.8
Dist 3dB Peak [mm]		8.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.631	<b>0.738</b>
psSAR10g [W/Kg]	0.426	<b>0.381</b>
Power Drift [dB]	N/A	0.01





# Measurement Report for Band n14: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n14	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	793.000   158600	TSL Conductivity [S/m]	0.887
Group   UID	5G NR FR1 FDD   10937-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

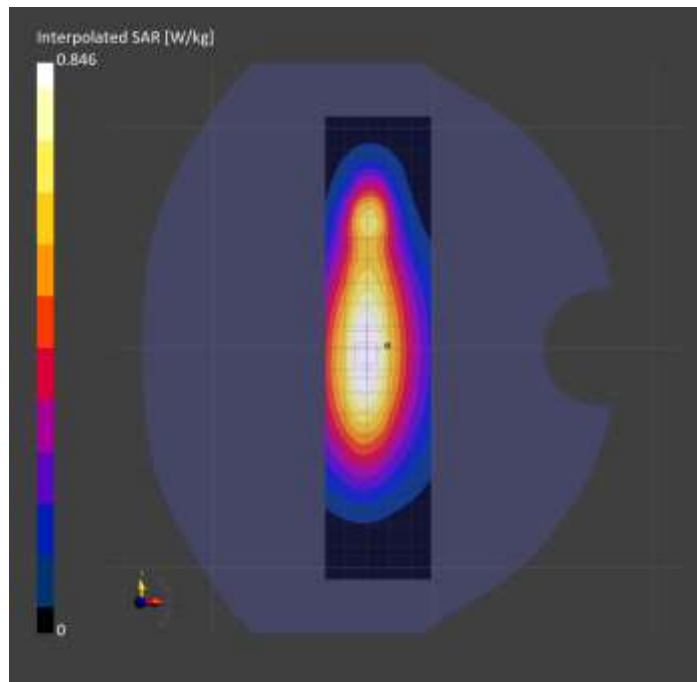
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		83.3
Dist 3dB Peak [mm]		17.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.508	<b>0.519</b>
psSAR10g [W/Kg]	0.338	<b>0.345</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for Band n14: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n14	TSL Permittivity	40.8
Frequency [MHz]   Channel Number	793.000   158600	TSL Conductivity [S/m]	0.891
Group   UID	5G NR FR1 FDD   10937-AAD	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

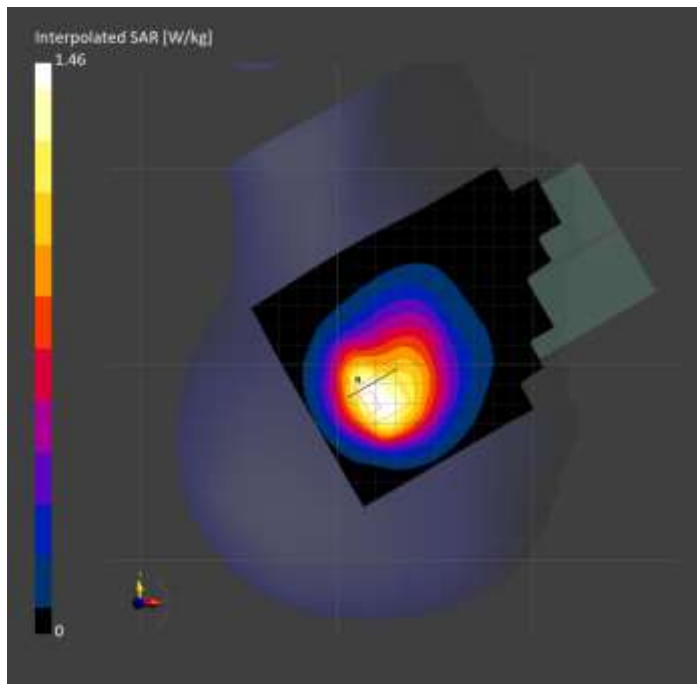
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		12.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.778	<b>0.772</b>
psSAR10g [W/Kg]	0.520	<b>0.507</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for Band n25: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n25	TSL Permittivity	40.8
Frequency [MHz]   Channel Number	1882.500   376500	TSL Conductivity [S/m]	1.36
Group   UID	5G NR FR1 FDD   10942-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

## Hardware Setup

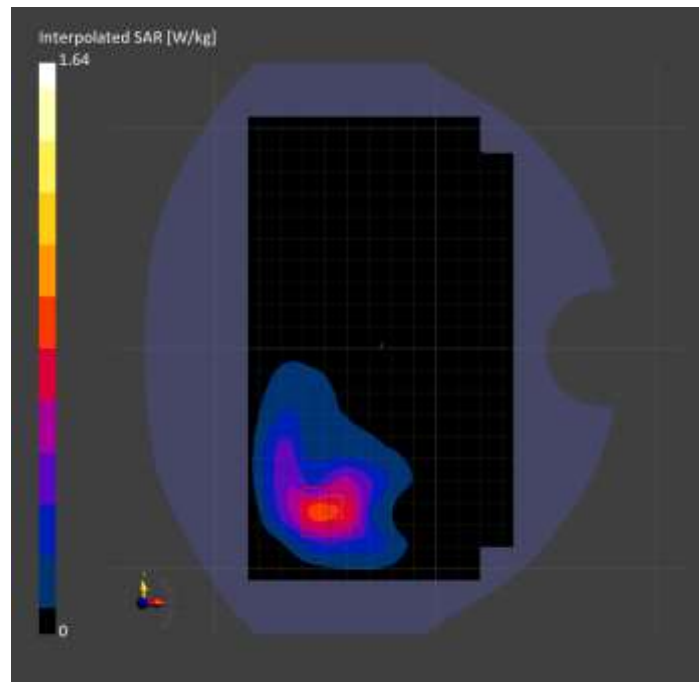
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		11.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.714	<b>0.856</b>
psSAR10g [W/Kg]	0.401	<b>0.433</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for Band n25: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n25	TSL Permittivity	41.7
Frequency [MHz]   Channel Number	1882.500   376500	TSL Conductivity [S/m]	1.41
Group   UID	5G NR FR1 FDD   10942-AAC	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	8.43	Test Distance [mm]	0.00

## Hardware Setup

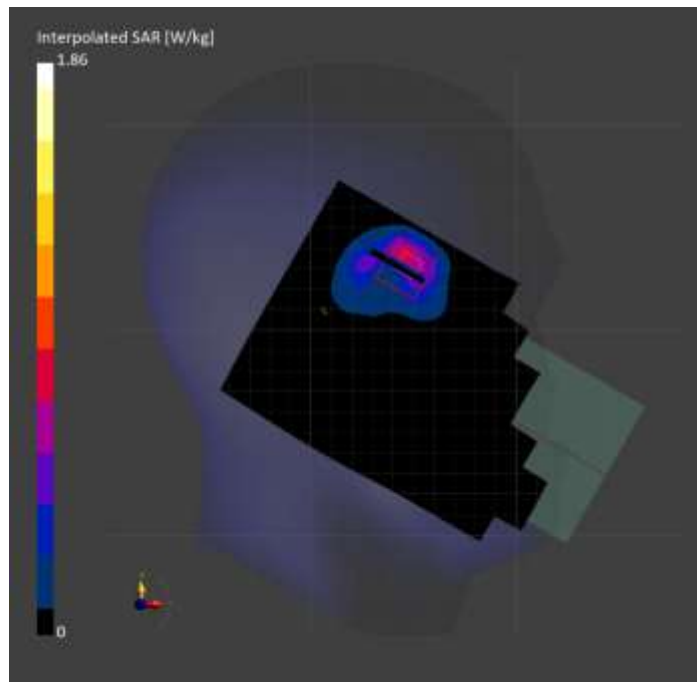
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		73.9
Dist 3dB Peak [mm]		4.9

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.603	<b>0.753</b>
psSAR10g [W/Kg]	0.309	<b>0.331</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band n25: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n25	TSL Permittivity	40.0
Frequency [MHz]   Channel Number	1882.500   376500	TSL Conductivity [S/m]	1.43
Group   UID	5G NR FR1 FDD   10934-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.43	Test Distance [mm]	5.00

## Hardware Setup

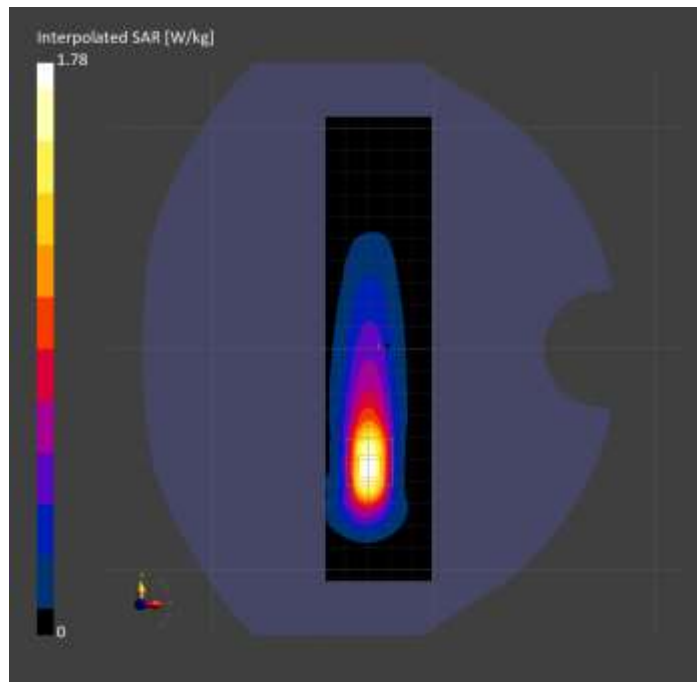
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.773	<b>0.849</b>
psSAR10g [W/Kg]	0.371	<b>0.387</b>
Power Drift [dB]	N/A	-0.11



# Measurement Report for Band n26: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n26	TSL Permittivity	39.9
Frequency [MHz]   Channel Number	831.500   166300	TSL Conductivity [S/m]	0.868
Group   UID	5G NR FR1 FDD   10939-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

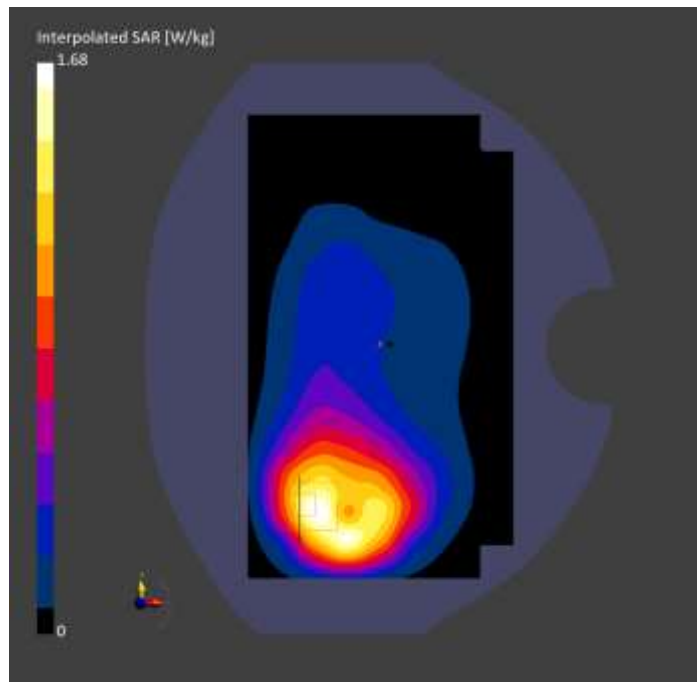
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		70.0
Dist 3dB Peak [mm]		8.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.648	<b>0.703</b>
psSAR10g [W/Kg]	0.419	<b>0.392</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band n26: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n26	TSL Permittivity	42.1
Frequency [MHz]   Channel Number	831.500   166300	TSL Conductivity [S/m]	0.897
Group   UID	5G NR FR1 FDD   10931-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.76	Test Distance [mm]	5.00

## Hardware Setup

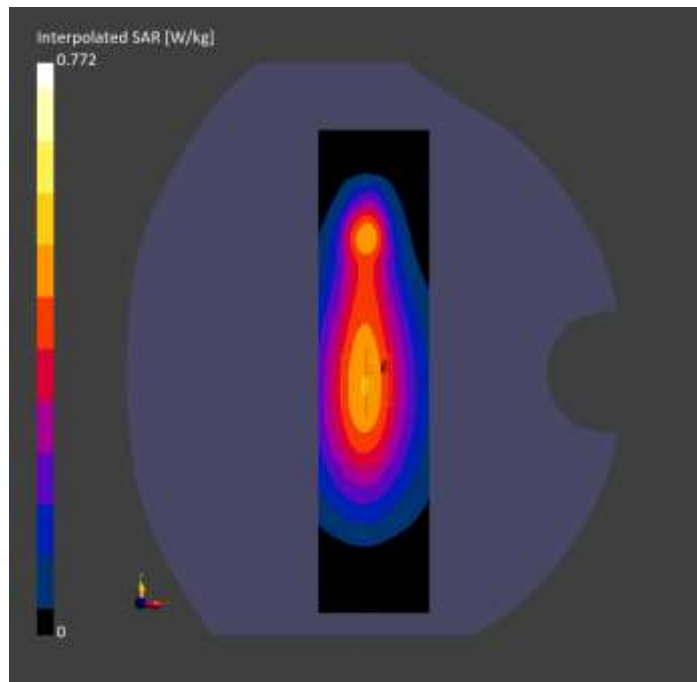
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		16.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.450	<b>0.453</b>
psSAR10g [W/Kg]	0.298	<b>0.296</b>
Power Drift [dB]	N/A	-0.07



# Measurement Report for Band n26: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n26	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	831.500   166300	TSL Conductivity [S/m]	0.867
Group   UID	5G NR FR1 FDD   10931-AAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	7.83	Test Distance [mm]	0.00

## Hardware Setup

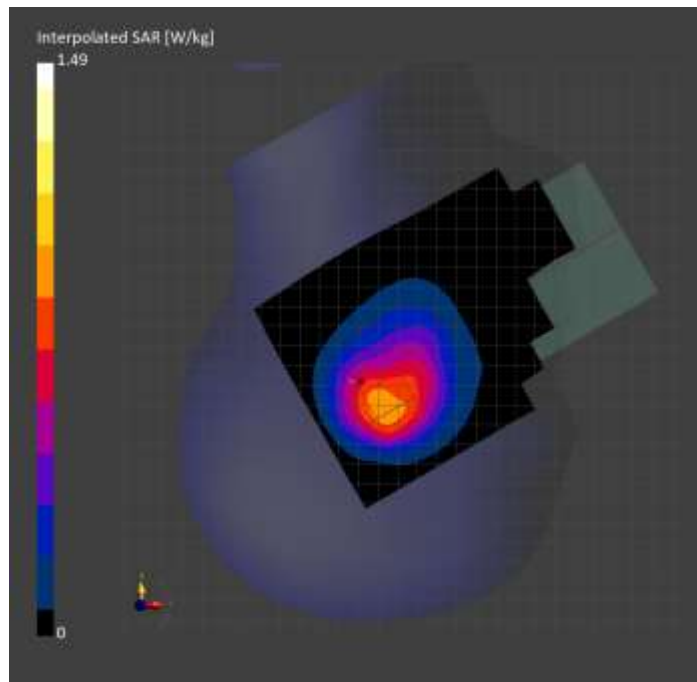
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		82.2
Dist 3dB Peak [mm]		12.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.841	<b>0.831</b>
psSAR10g [W/Kg]	0.560	<b>0.563</b>
Power Drift [dB]	N/A	-0.02





# Measurement Report for Band n30: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n30	TSL Permittivity	38.1
Frequency [MHz]   Channel Number	2310.000   462000	TSL Conductivity [S/m]	1.62
Group   UID	5G NR FR1 FDD   10937-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

## Hardware Setup

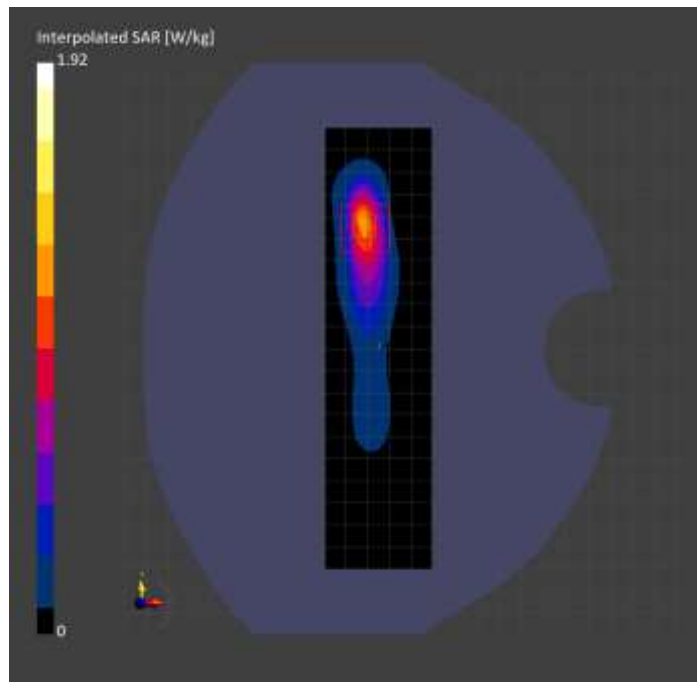
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1357   2023-01-27	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.3
Dist 3dB Peak [mm]		6.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.903	<b>0.898</b>
psSAR10g [W/Kg]	0.397	<b>0.393</b>
Power Drift [dB]	N/A	0.05



# Measurement Report for Band n30: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, TILT

## Exposure Conditions

Band	Band n30	TSL Permittivity	41.3
Frequency [MHz]   Channel Number	2310.000   462000	TSL Conductivity [S/m]	1.70
Group   UID	5G NR FR1 FDD   10929-AAD	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.31	Test Distance [mm]	0.00

## Hardware Setup

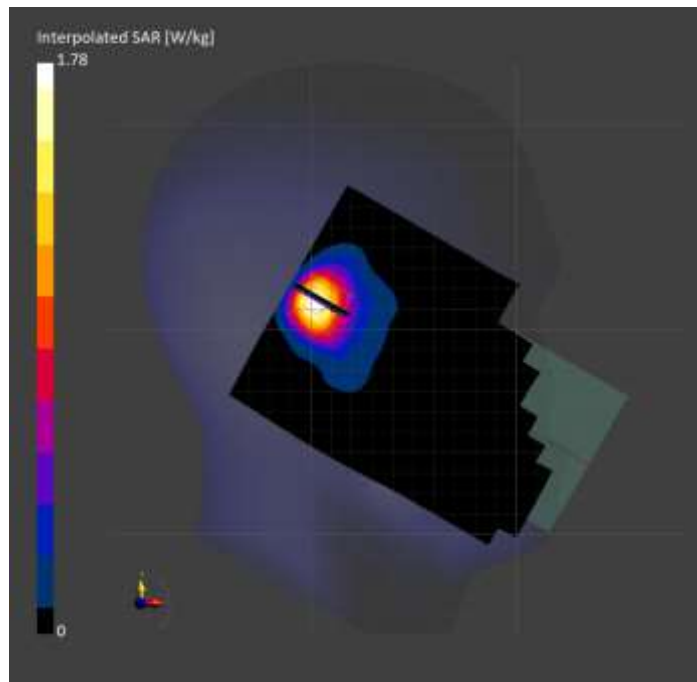
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		8.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.762	<b>0.857</b>
psSAR10g [W/Kg]	0.374	<b>0.389</b>
Power Drift [dB]	N/A	0.05



# Measurement Report for Band n30: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, FRONT

## Exposure Conditions

Band	Band n30	TSL Permittivity	40.9
Frequency [MHz]   Channel Number	2310.000   462000	TSL Conductivity [S/m]	1.66
Group   UID	5G NR FR1 FDD   10937-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.31	Test Distance [mm]	5.00

## Hardware Setup

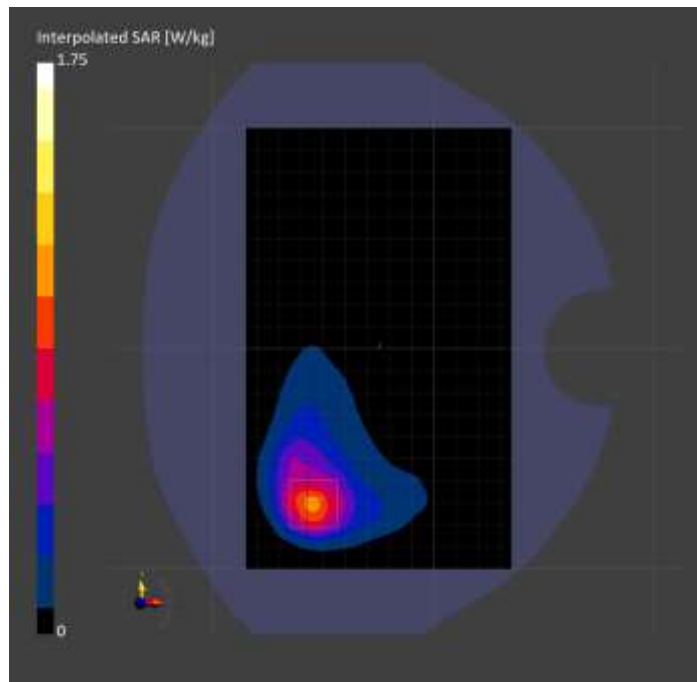
Probe   Calibration Date	EX3DV4 - SN7806   2023-04-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		9.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.845	<b>0.864</b>
psSAR10g [W/Kg]	0.429	<b>0.425</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band n41: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n41	TSL Permittivity	40.1
Frequency [MHz]   Channel Number	2592.990   518598	TSL Conductivity [S/m]	1.90
Group   UID	5G NR FR1 TDD   10917-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

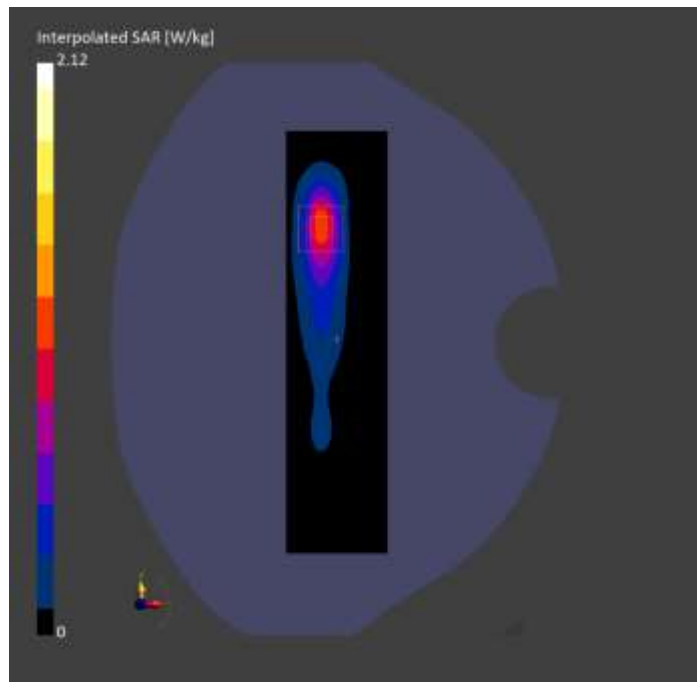
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.6
Dist 3dB Peak [mm]		7.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.891	<b>0.888</b>
psSAR10g [W/Kg]	0.380	<b>0.375</b>
Power Drift [dB]	N/A	-0.07



# Measurement Report for Band n41: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, FRONT

## Exposure Conditions

Band	Band n41	TSL Permittivity	40.1
Frequency [MHz]   Channel Number	2592.990   518598	TSL Conductivity [S/m]	1.90
Group   UID	5G NR FR1 TDD   10917-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.55	Test Distance [mm]	5.00

## Hardware Setup

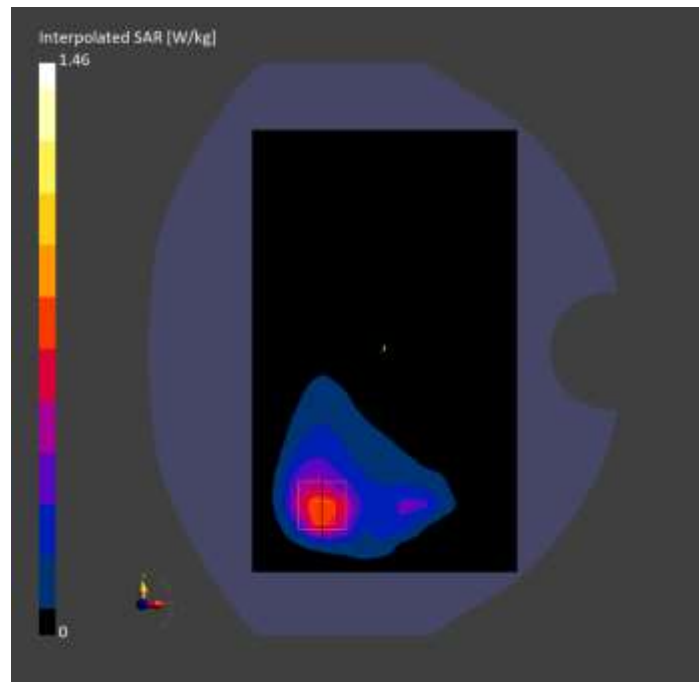
Probe   Calibration Date	EX3DV4 - SN3991   2022-09-22	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1674   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		9.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.665	<b>0.693</b>
psSAR10g [W/Kg]	0.328	<b>0.330</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band n41: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n41	TSL Permittivity	40.4
Frequency [MHz]   Channel Number	2592.990   518598	TSL Conductivity [S/m]	1.89
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

## Hardware Setup

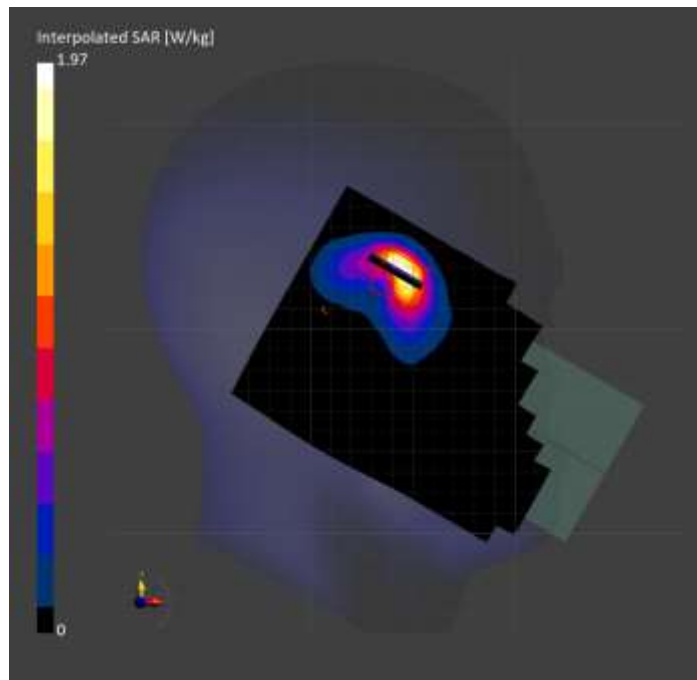
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.4
Dist 3dB Peak [mm]		6.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.735	<b>0.793</b>
psSAR10g [W/Kg]	0.332	<b>0.332</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n48	TSL Permittivity	37.7
Frequency [MHz]   Channel Number	3643.315   642888	TSL Conductivity [S/m]	3.07
Group   UID	5G NR FR1 TDD   10903-AAD	Phantom Section   TSL	RightHead   HSL
Conversion Factor	6.66	Test Distance [mm]	0.00

## Hardware Setup

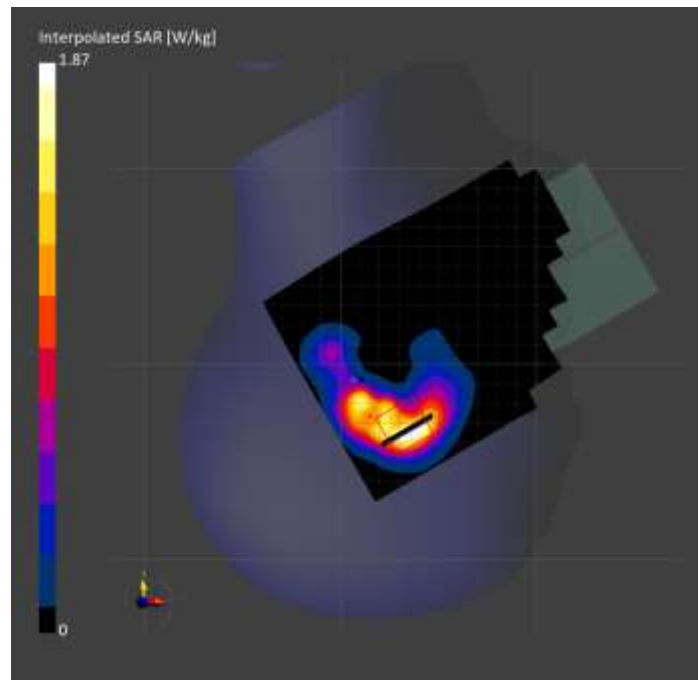
Probe   Calibration Date	EX3DV4 - SN3990   2023-02-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1545   2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		70.9
Dist 3dB Peak [mm]		6.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.671	<b>0.673</b>
psSAR10g [W/Kg]	0.301	<b>0.298</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band n48: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n48	TSL Permittivity	38.9
Frequency [MHz]   Channel Number	3643.315   642888	TSL Conductivity [S/m]	2.96
Group   UID	5G NR FR1 TDD   10913-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.92	Test Distance [mm]	5.00

## Hardware Setup

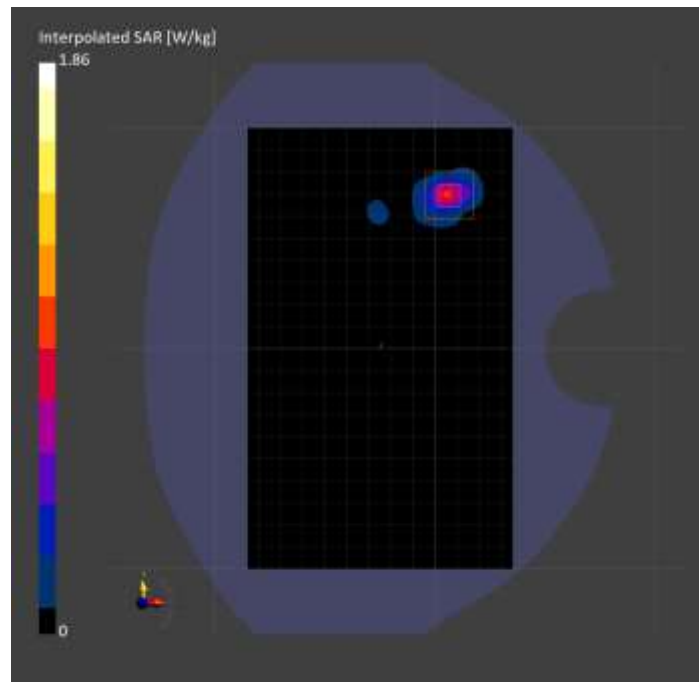
Probe   Calibration Date	EX3DV4 - SN7335   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4ip Sn1619   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		5.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.591	<b>0.622</b>
psSAR10g [W/Kg]	0.188	<b>0.192</b>
Power Drift [dB]	N/A	0.10





# Measurement Report for Band n48: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

## Exposure Conditions

Band	Band n48	TSL Permittivity	38.7
Frequency [MHz]   Channel Number	3643.315   642888	TSL Conductivity [S/m]	2.94
Group   UID	5G NR FR1 TDD   10903-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.92	Test Distance [mm]	5.00

## Hardware Setup

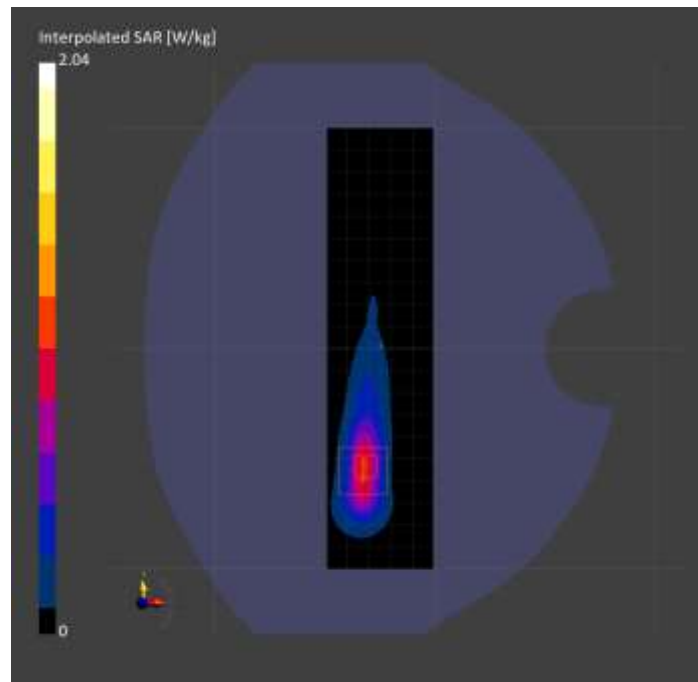
Probe   Calibration Date	EX3DV4 - SN7335   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4ip Sn1619   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.5
Dist 3dB Peak [mm]		7.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.736	<b>0.754</b>
psSAR10g [W/Kg]	0.284	<b>0.284</b>
Power Drift [dB]	N/A	0.05



# Measurement Report for Band n53: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n53	TSL Permittivity	37.7
Frequency [MHz]   Channel Number	2489.200   497840	TSL Conductivity [S/m]	1.90
Group   UID	5G NR FR1 TDD   10898-AAC	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.04	Test Distance [mm]	0.00

## Hardware Setup

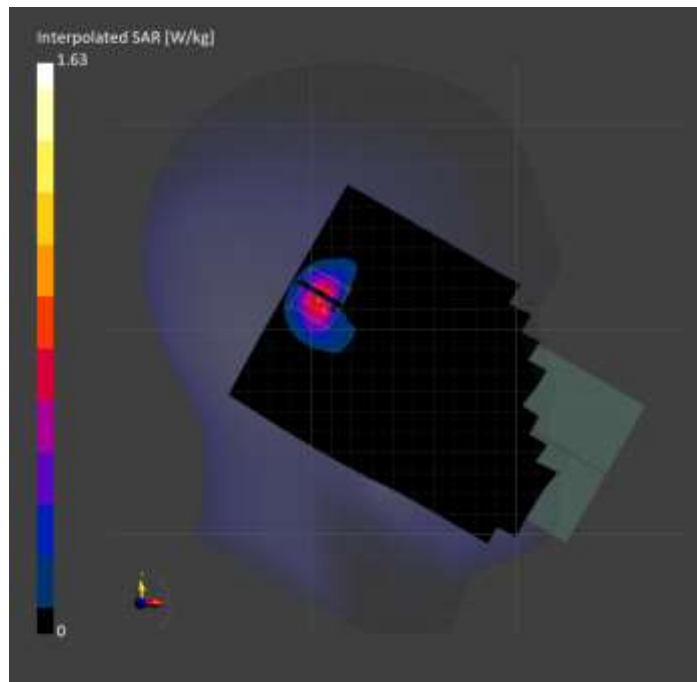
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.2
Dist 3dB Peak [mm]		6.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.629	<b>0.711</b>
psSAR10g [W/Kg]	0.288	<b>0.290</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band n53: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n53	TSL Permittivity	37.7
Frequency [MHz]   Channel Number	2489.200   497840	TSL Conductivity [S/m]	1.90
Group   UID	5G NR FR1 TDD   10898-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

## Hardware Setup

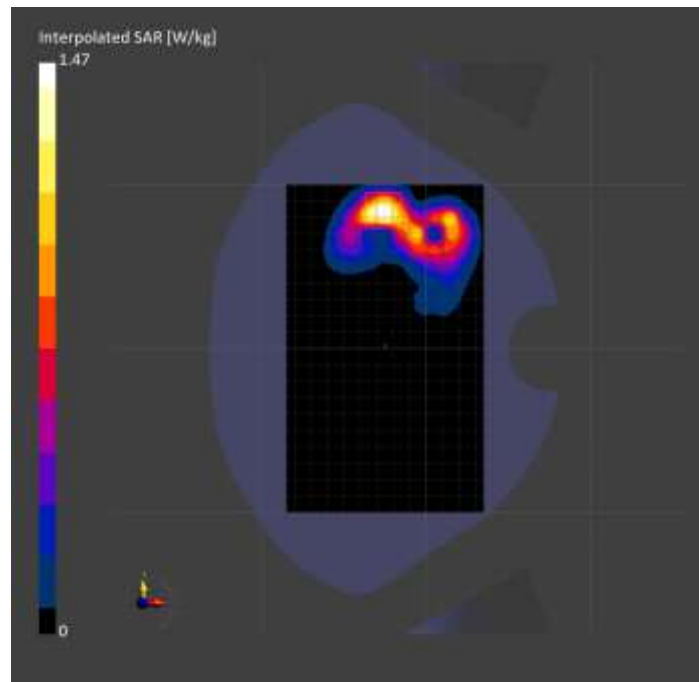
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		77.7
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.578	<b>0.650</b>
psSAR10g [W/Kg]	0.262	<b>0.266</b>
Power Drift [dB]	N/A	-0.14



# Measurement Report for Band n53: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE TOP

## Exposure Conditions

Band	Band n53	TSL Permittivity	37.7
Frequency [MHz]   Channel Number	2489.200   497840	TSL Conductivity [S/m]	1.90
Group   UID	5G NR FR1 TDD   10908-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.04	Test Distance [mm]	5.00

## Hardware Setup

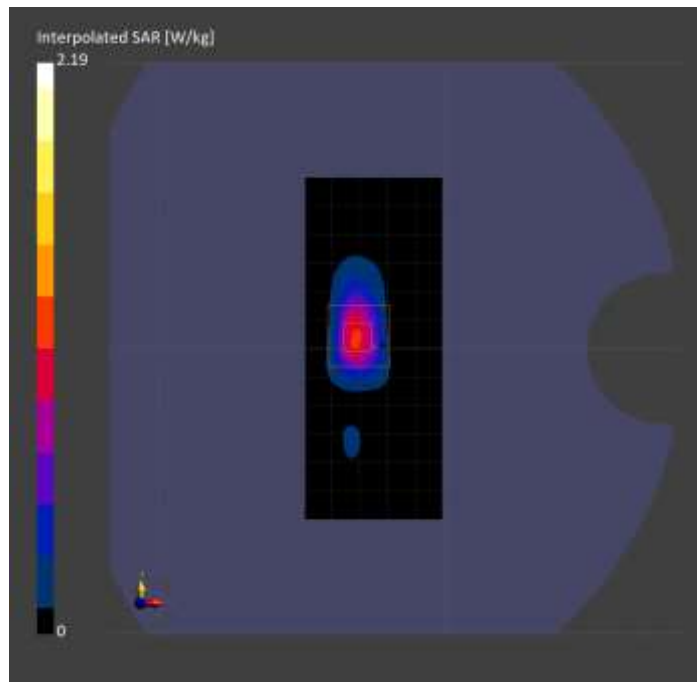
Probe   Calibration Date	EX3DV4 - SN7807   2023-04-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1799   2023-04-04	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		75.7
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.816	<b>0.875</b>
psSAR10g [W/Kg]	0.317	<b>0.328</b>
Power Drift [dB]	N/A	0.01



# Measurement Report for Band n66: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

## Exposure Conditions

Band	Band n66	TSL Permittivity	40.0
Frequency [MHz]   Channel Number	1745.000   349000	TSL Conductivity [S/m]	1.31
Group   UID	5G NR FR1 FDD   10934-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

## Hardware Setup

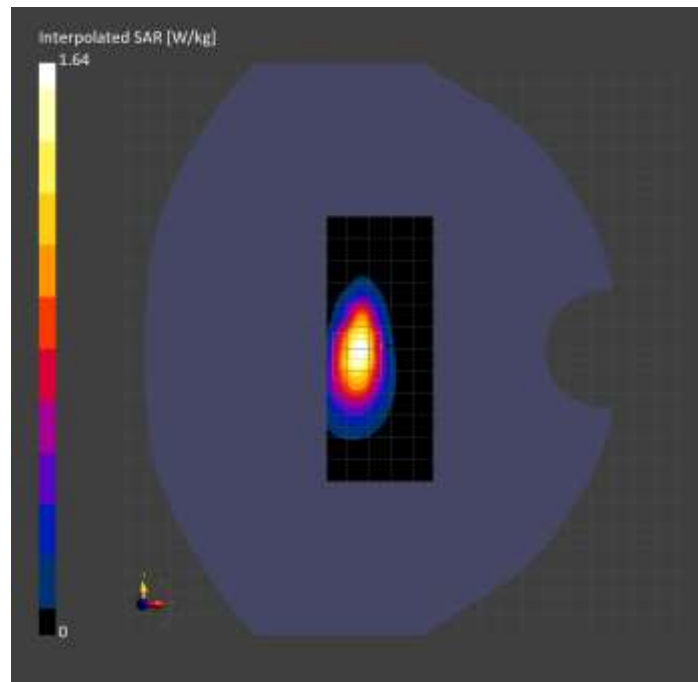
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.814	<b>0.828</b>
psSAR10g [W/Kg]	0.400	<b>0.398</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for Band n66: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n66	TSL Permittivity	40.1
Frequency [MHz]   Channel Number	1745.000   349000	TSL Conductivity [S/m]	1.34
Group   UID	5G NR FR1 FDD   10934-AAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

## Hardware Setup

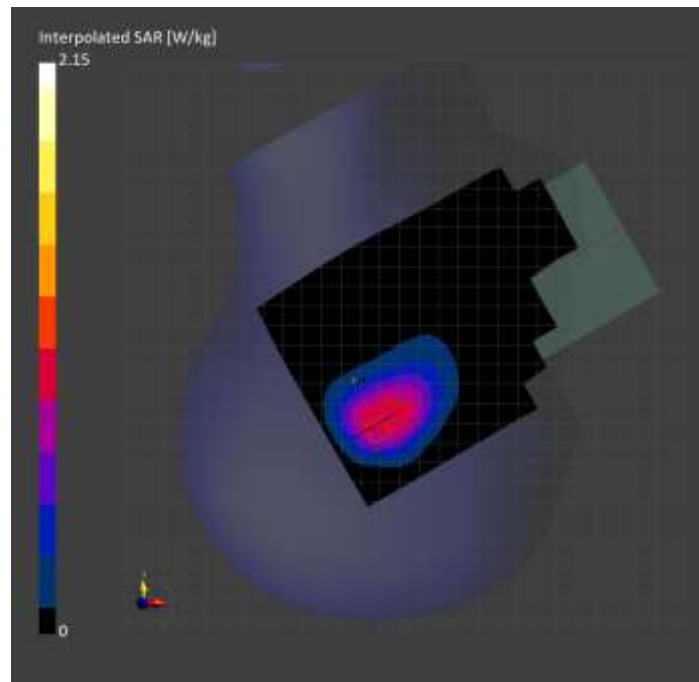
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		71.9
Dist 3dB Peak [mm]		8.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.880	<b>0.910</b>
psSAR10g [W/Kg]	0.530	<b>0.517</b>
Power Drift [dB]	N/A	0.01



# Measurement Report for Band n66: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n66	TSL Permittivity	41.4
Frequency [MHz]   Channel Number	1745.000   349000	TSL Conductivity [S/m]	1.31
Group   UID	5G NR FR1 FDD   10934-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

## Hardware Setup

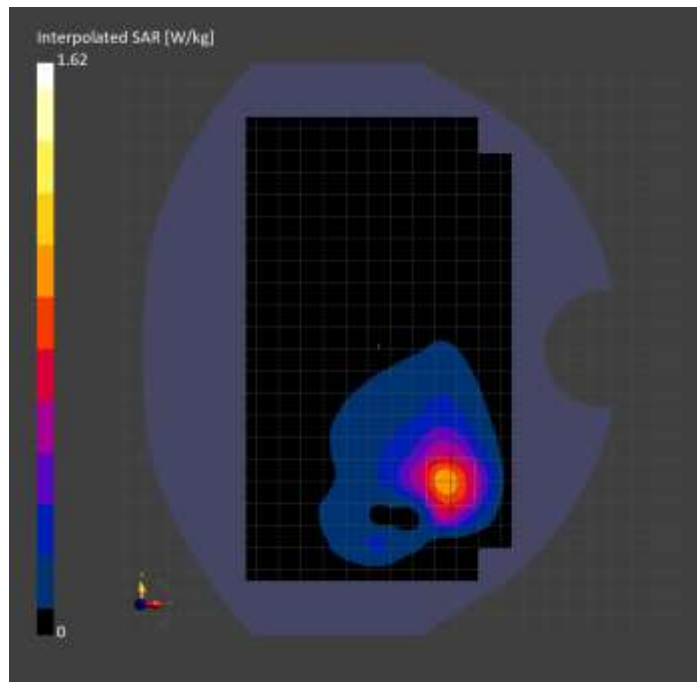
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		85.4
Dist 3dB Peak [mm]		11.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.866	<b>0.910</b>
psSAR10g [W/Kg]	0.473	<b>0.494</b>
Power Drift [dB]	N/A	-0.15



# Measurement Report for Band n70: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

## Exposure Conditions

Band	Band n70	TSL Permittivity	41.4
Frequency [MHz]   Channel Number	1702.500   340500	TSL Conductivity [S/m]	1.28
Group   UID	5G NR FR1 FDD   10930-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

## Hardware Setup

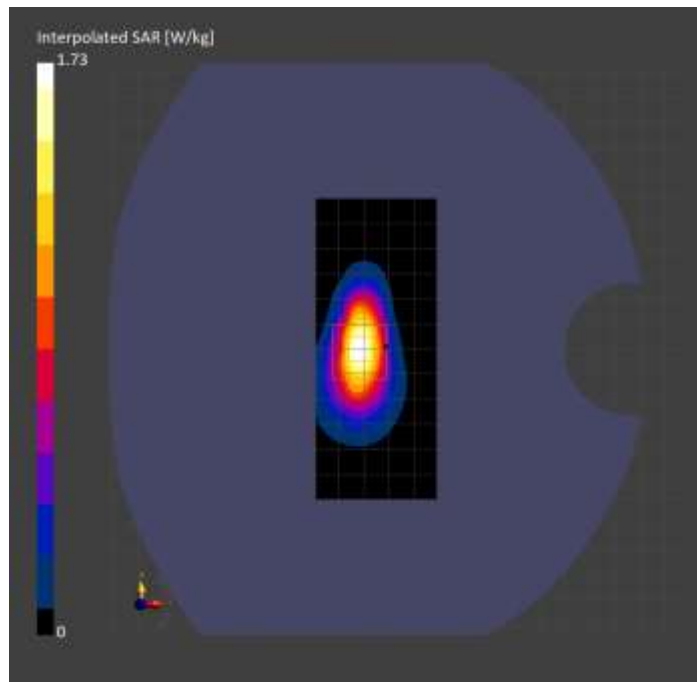
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		81.1
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.882	<b>0.872</b>
psSAR10g [W/Kg]	0.430	<b>0.424</b>
Power Drift [dB]	N/A	0.00





# Measurement Report for Band n70: 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n70	TSL Permittivity	41.4
Frequency [MHz]   Channel Number	1702.500   340500	TSL Conductivity [S/m]	1.28
Group   UID	5G NR FR1 FDD   10938-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.98	Test Distance [mm]	5.00

## Hardware Setup

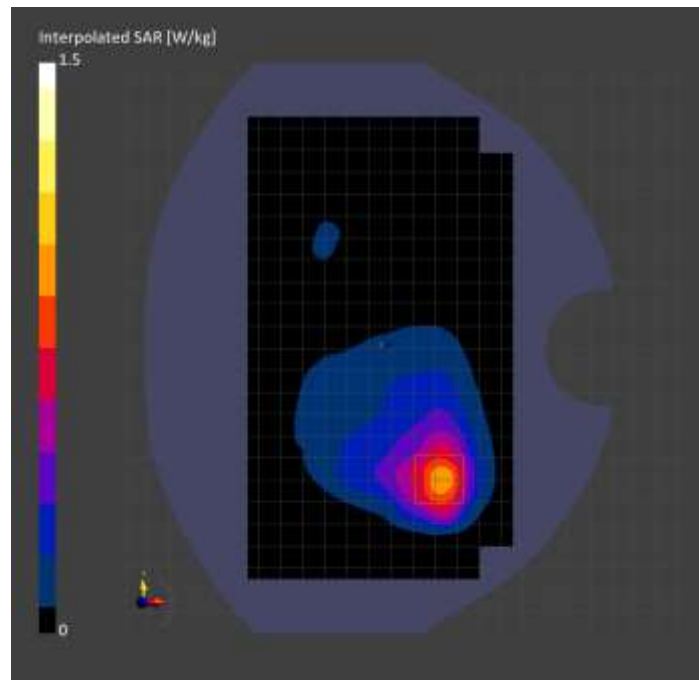
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		81.9
Dist 3dB Peak [mm]		10.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	<b>0.791</b>
psSAR10g [W/Kg]	0.447	<b>0.441</b>
Power Drift [dB]	N/A	-0.18



# Measurement Report for Band n70: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n70	TSL Permittivity	40.4
Frequency [MHz]   Channel Number	1702.500   340500	TSL Conductivity [S/m]	1.31
Group   UID	5G NR FR1 FDD   10930-AAC	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	8.66	Test Distance [mm]	0.00

## Hardware Setup

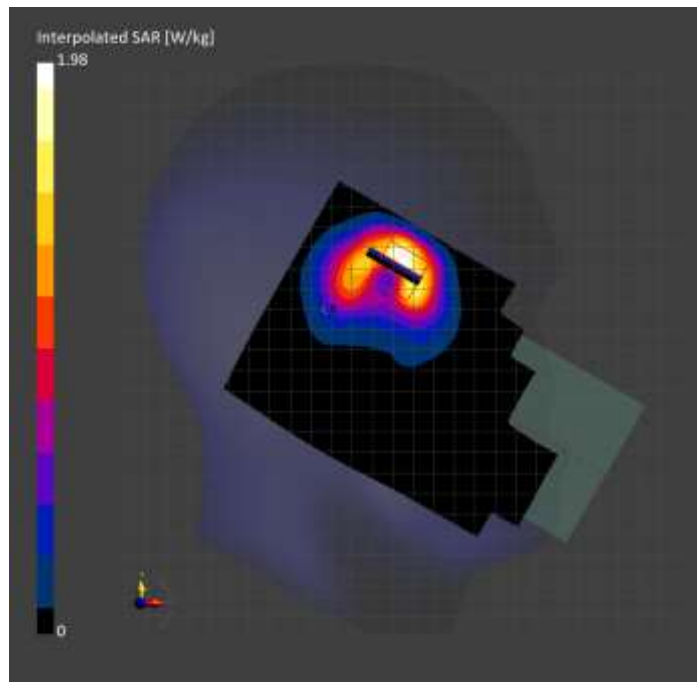
Probe   Calibration Date	EX3DV4 - SN7569   2023-04-18	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.593	<b>0.835</b>
psSAR10g [W/Kg]	0.320	<b>0.396</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band n71: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n71	TSL Permittivity	41.8
Frequency [MHz]   Channel Number	680.500   136100	TSL Conductivity [S/m]	0.851
Group   UID	5G NR FR1 FDD   10931-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	10.62	Test Distance [mm]	5.00

## Hardware Setup

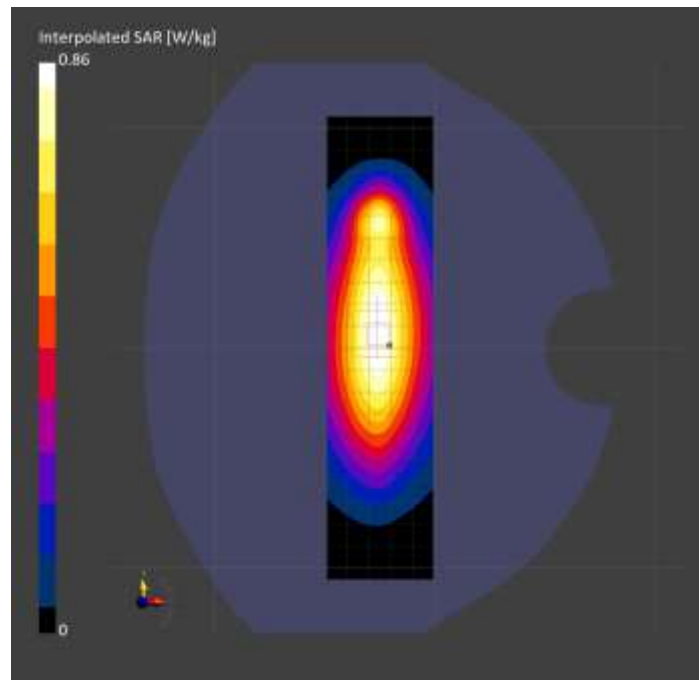
Probe   Calibration Date	EX3DV4 - SN7589   2023-04-18	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1544   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		86.9
Dist 3dB Peak [mm]		> 15.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.554	<b>0.560</b>
psSAR10g [W/Kg]	0.374	<b>0.378</b>
Power Drift [dB]	N/A	0.03



# Measurement Report for Band n71: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n71	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	680.500   136100	TSL Conductivity [S/m]	0.852
Group   UID	5G NR FR1 FDD   10939-AAC	Phantom Section   TSL	RightHead   HSL
Conversion Factor	8.93	Test Distance [mm]	0.00

## Hardware Setup

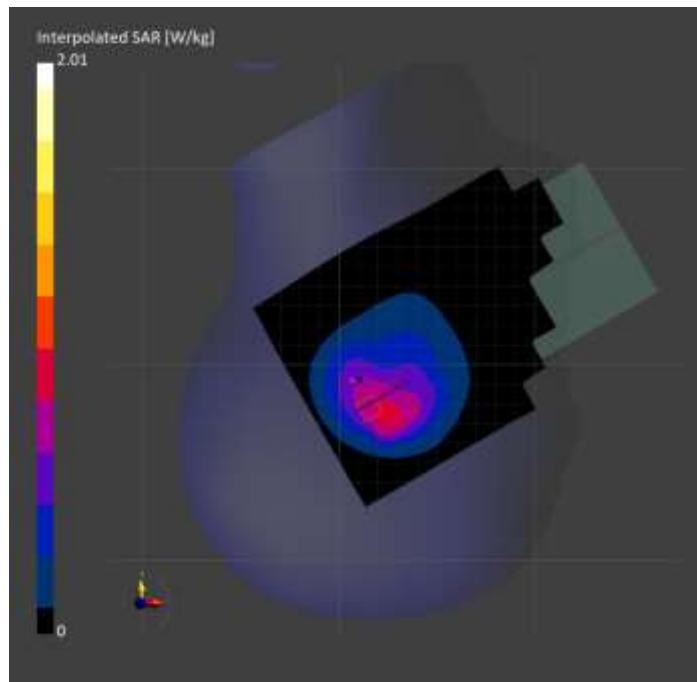
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		70.9
Dist 3dB Peak [mm]		9.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.794	<b>0.813</b>
psSAR10g [W/Kg]	0.524	<b>0.455</b>
Power Drift [dB]	N/A	-0.05



# Measurement Report for Band n71: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n71	TSL Permittivity	41.1
Frequency [MHz]   Channel Number	680.500   136100	TSL Conductivity [S/m]	0.852
Group   UID	5G NR FR1 FDD   10939-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.93	Test Distance [mm]	5.00

## Hardware Setup

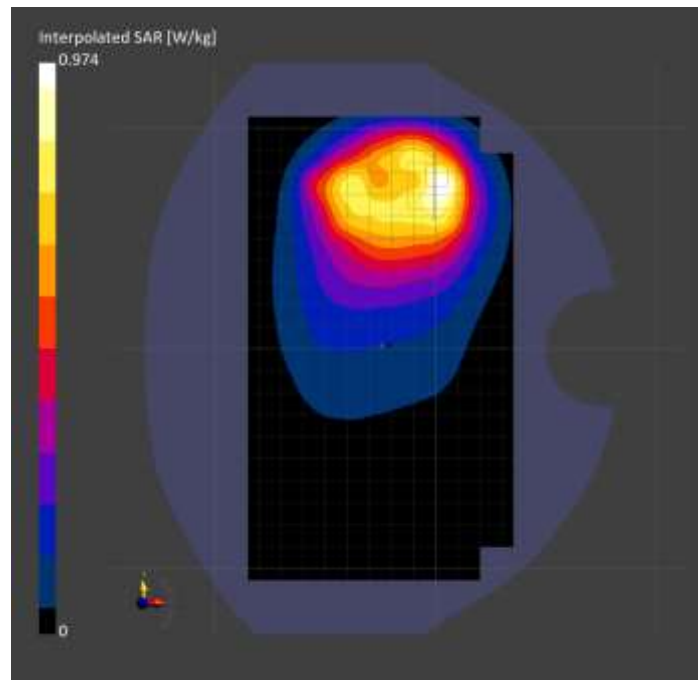
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		78.3
Dist 3dB Peak [mm]		11.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.506	<b>0.494</b>
psSAR10g [W/Kg]	0.332	<b>0.290</b>
Power Drift [dB]	N/A	-0.02



# Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

## Exposure Conditions

Band	Band n77	TSL Permittivity	39.2
Frequency [MHz]   Channel Number	3499.980   633332	TSL Conductivity [S/m]	2.98
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.87	Test Distance [mm]	5.00

## Hardware Setup

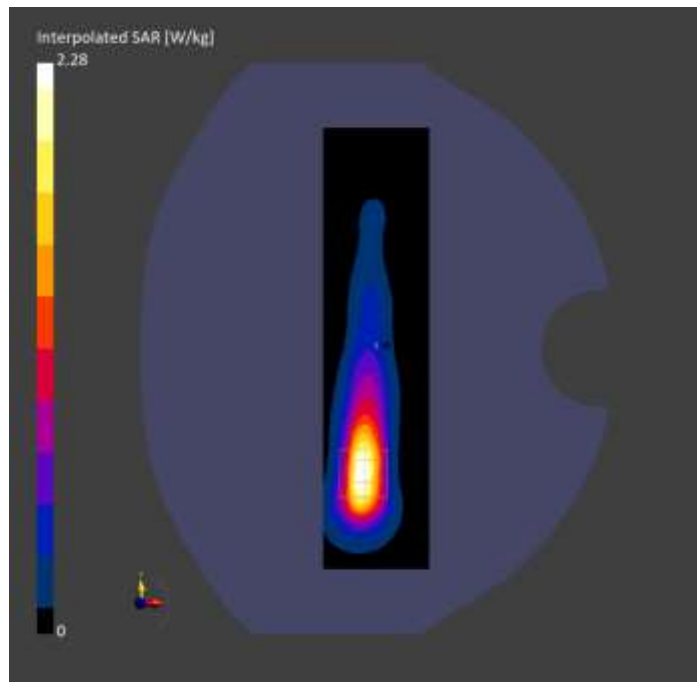
Probe   Calibration Date	EX3DV4 - SN7335   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4ip Sn1619   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		72.8
Dist 3dB Peak [mm]		7.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.829	<b>0.854</b>
psSAR10g [W/Kg]	0.336	<b>0.333</b>
Power Drift [dB]	N/A	-0.00



# Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n77	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	3499.980   633332	TSL Conductivity [S/m]	2.88
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	6.79	Test Distance [mm]	0.00

## Hardware Setup

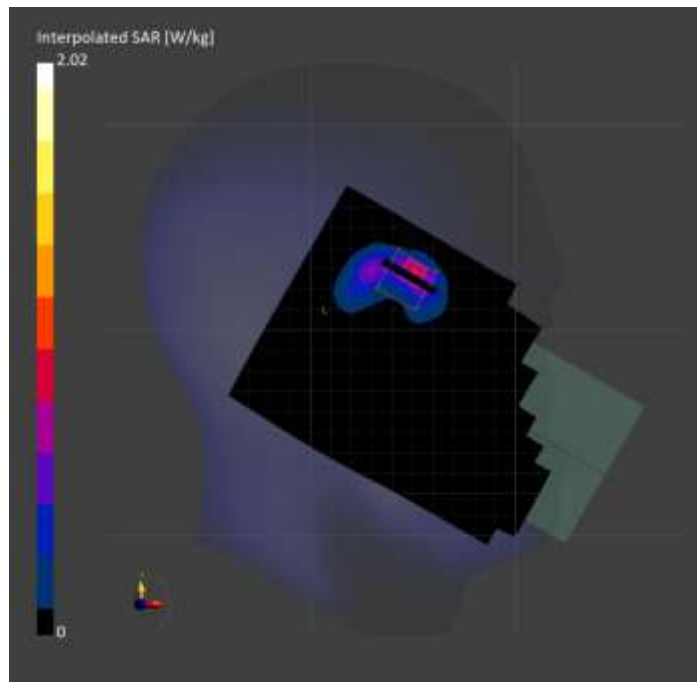
Probe   Calibration Date	EX3DV4 - SN3990   2023-02-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1545   2023-02-14	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		73.0
Dist 3dB Peak [mm]		6.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.680	<b>0.699</b>
psSAR10g [W/Kg]	0.254	<b>0.259</b>
Power Drift [dB]	N/A	0.01



# Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n77	TSL Permittivity	37.6
Frequency [MHz]   Channel Number	3499.980   633332	TSL Conductivity [S/m]	2.93
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.21	Test Distance [mm]	5.00

## Hardware Setup

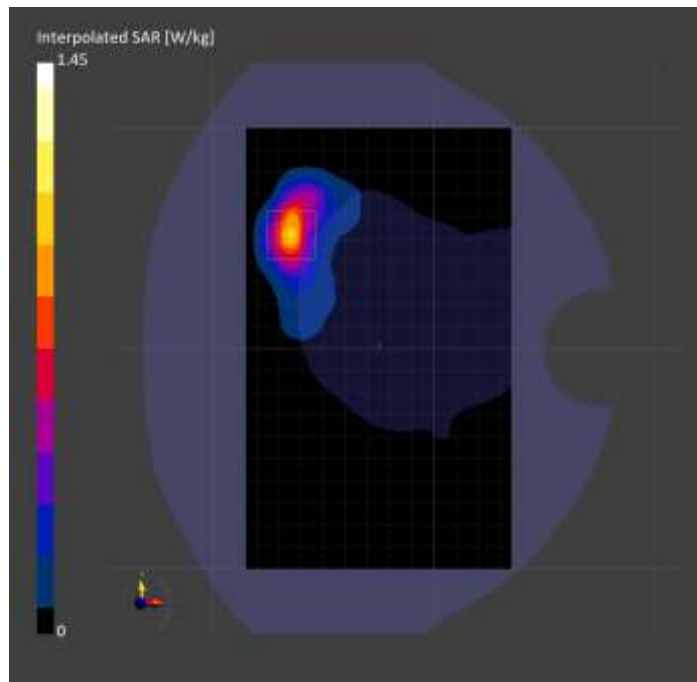
Probe   Calibration Date	EX3DV4 - SN7463   2023-04-19	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1673   2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		6.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.733	<b>0.633</b>
psSAR10g [W/Kg]	0.294	<b>0.264</b>
Power Drift [dB]	N/A	-0.17





# Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

Band	Band n77	TSL Permittivity	37.9
Frequency [MHz]   Channel Number	3858.000   657200	TSL Conductivity [S/m]	3.13
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	RightHead   HSL
Conversion Factor	6.15	Test Distance [mm]	0.00

## Hardware Setup

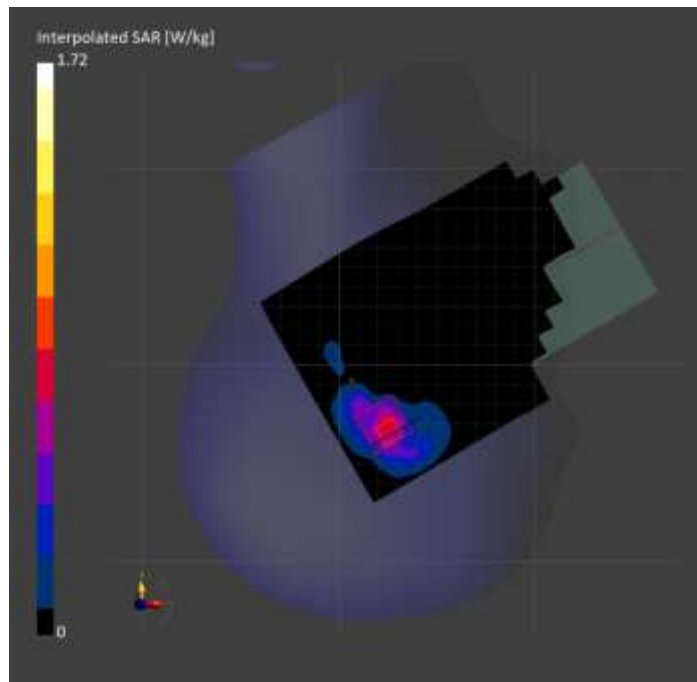
Probe   Calibration Date	EX3DV4 - SN7463   2023-04-19	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1673   2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.4
Dist 3dB Peak [mm]		6.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.590	<b>0.603</b>
psSAR10g [W/Kg]	0.246	<b>0.243</b>
Power Drift [dB]	N/A	-0.06



# Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

Band	Band n77	TSL Permittivity	38.7
Frequency [MHz]   Channel Number	3858.000   657200	TSL Conductivity [S/m]	3.25
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.15	Test Distance [mm]	5.00

## Hardware Setup

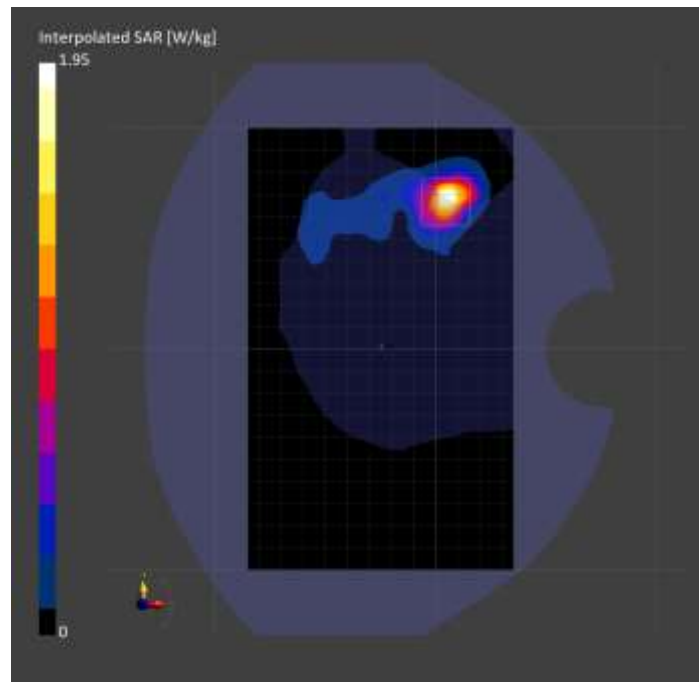
Probe   Calibration Date	EX3DV4 - SN7463   2023-04-19	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1673   2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		77.3
Dist 3dB Peak [mm]		6.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	<b>0.712</b>
psSAR10g [W/Kg]	0.209	<b>0.243</b>
Power Drift [dB]	N/A	0.03



# Measurement Report for Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE LEFT

## Exposure Conditions

Band	Band n77	TSL Permittivity	37.9
Frequency [MHz]   Channel Number	3858.000   657200	TSL Conductivity [S/m]	3.13
Group   UID	5G NR FR1 TDD   10917-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.15	Test Distance [mm]	5.00

## Hardware Setup

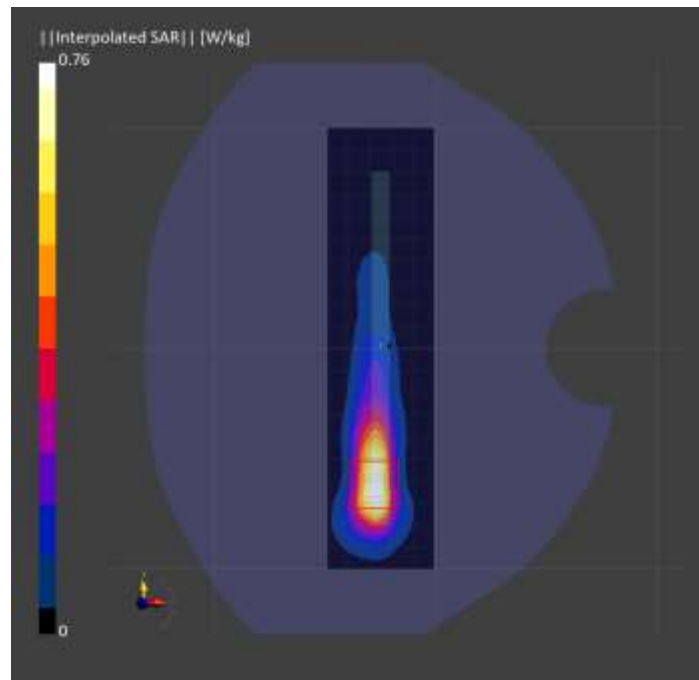
Probe   Calibration Date	EX3DV4 - SN7463   2023-04-19	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1673   2023-05-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		74.5
Dist 3dB Peak [mm]		7.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.538	<b>0.581</b>
psSAR10g [W/Kg]	0.209	<b>0.234</b>
Power Drift [dB]	N/A	-0.05



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# Measurement Report for WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), CHEEK

## Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	37.9
Frequency [MHz]   Channel Number	2412.000   1	TSL Conductivity [S/m]	1.78
Group   UID	WLAN   10415-AAA	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

## Hardware Setup

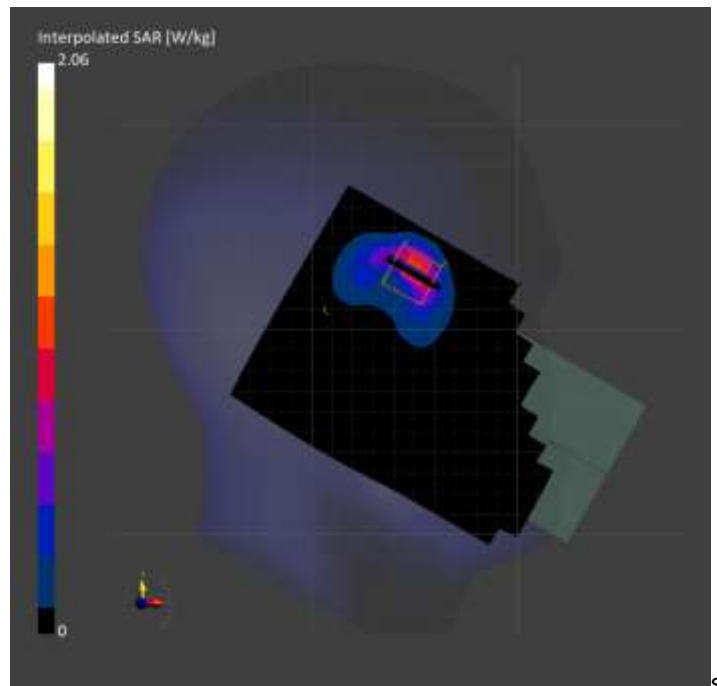
Probe   Calibration Date	EX3DV4 - SN3772   2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1359   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		6.5

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.839	<b>0.896</b>
psSAR10g [W/Kg]	0.375	<b>0.375</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.0
Frequency [MHz]   Channel Number	2412.000   1	TSL Conductivity [S/m]	1.79
Group   UID	WLAN   10415-AAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

## Hardware Setup

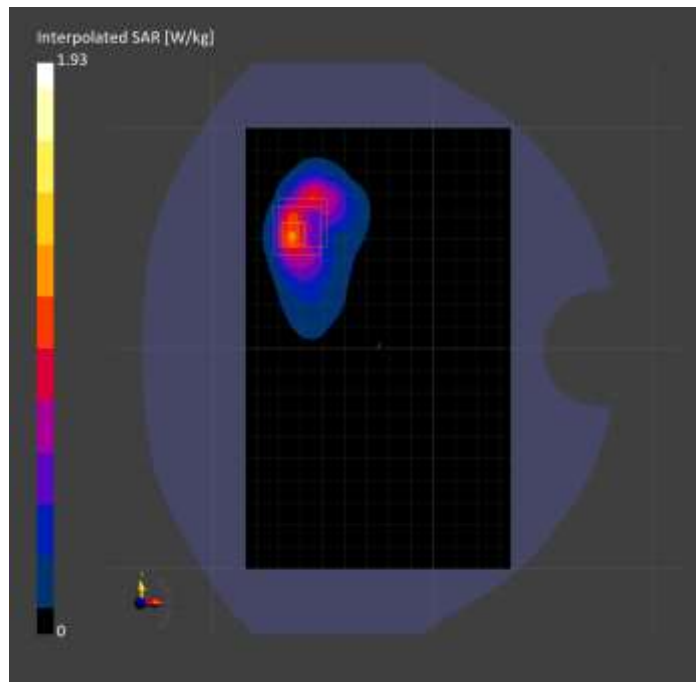
Probe   Calibration Date	EX3DV4 - SN3772   2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1359   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		79.3	79.4
Dist 3dB Peak [mm]		7.0	7.0

## Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.844	<b>0.873</b>	<b>0.865</b>
psSAR10g [W/Kg]	0.397	<b>0.385</b>	<b>0.382</b>
Power Drift [dB]	N/A	-0.28	-0.04



# Measurement Report for WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), EDGE RIGHT

## Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	37.4
Frequency [MHz]   Channel Number	2412.000   1	TSL Conductivity [S/m]	1.75
Group   UID	WLAN   10415-AAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

## Hardware Setup

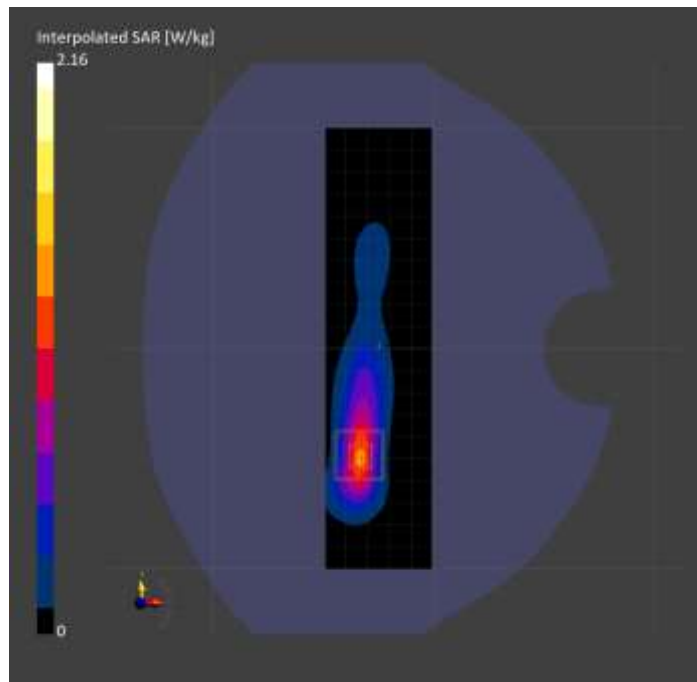
Probe   Calibration Date	EX3DV4 - SN3772   2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1359   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.0
Dist 3dB Peak [mm]		6.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.955	<b>0.979</b>
psSAR10g [W/Kg]	0.412	<b>0.416</b>
Power Drift [dB]	N/A	-0.08



# Measurement Report for WLAN 5GHz: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), BACK

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.6
Frequency [MHz]   Channel Number	5230.000   46	TSL Conductivity [S/m]	4.48
Group   UID	WLAN   10114-CAE	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.59	Test Distance [mm]	5.00

## Hardware Setup

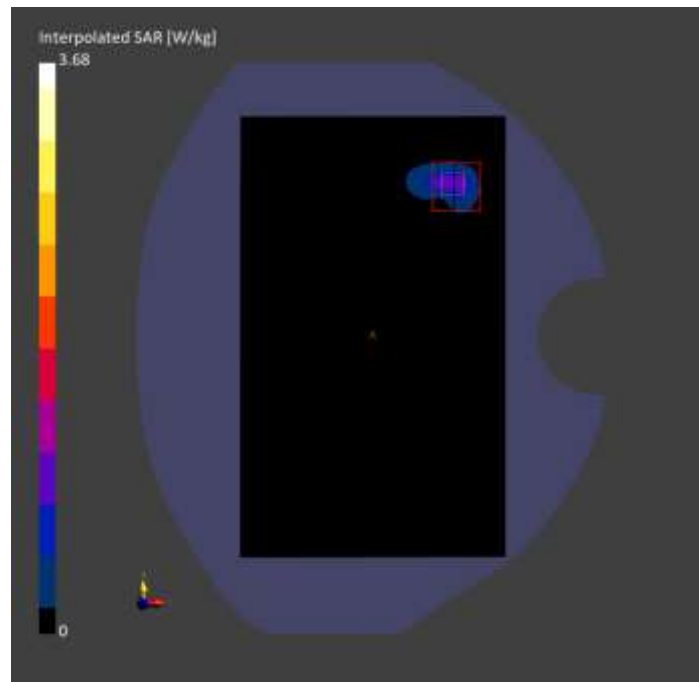
Probe   Calibration Date	EX3DV4 - SN3929   2023-04-26	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1675   2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		64.5
Dist 3dB Peak [mm]		4.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.753	<b>0.868</b>
psSAR10g [W/Kg]	0.235	<b>0.224</b>
Power Drift [dB]	N/A	-0.16



# Measurement Report for WLAN 5GHz: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), EDGE LEFT

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.2
Frequency [MHz]   Channel Number	5230.000   46	TSL Conductivity [S/m]	4.55
Group   UID	WLAN   10114-CAE	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.14	Test Distance [mm]	5.00

## Hardware Setup

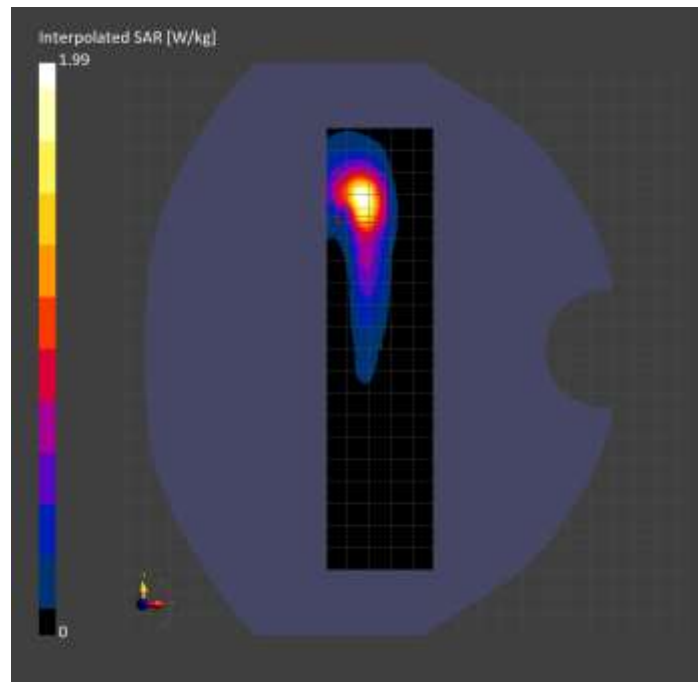
Probe   Calibration Date	EX3DV4 - SN3773   2023-02-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1258   2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.2
Dist 3dB Peak [mm]		7.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.525	<b>0.531</b>
psSAR10g [W/Kg]	0.175	<b>0.175</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for U-NII-1, U-NII-2A: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), CHEEK

## Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	35.8
Frequency [MHz]   Channel Number	5270.000   54	TSL Conductivity [S/m]	4.70
Group   UID	WLAN   10114-CAE	Phantom Section   TSL	RightHead   HSL
Conversion Factor	5.14	Test Distance [mm]	0.00

## Hardware Setup

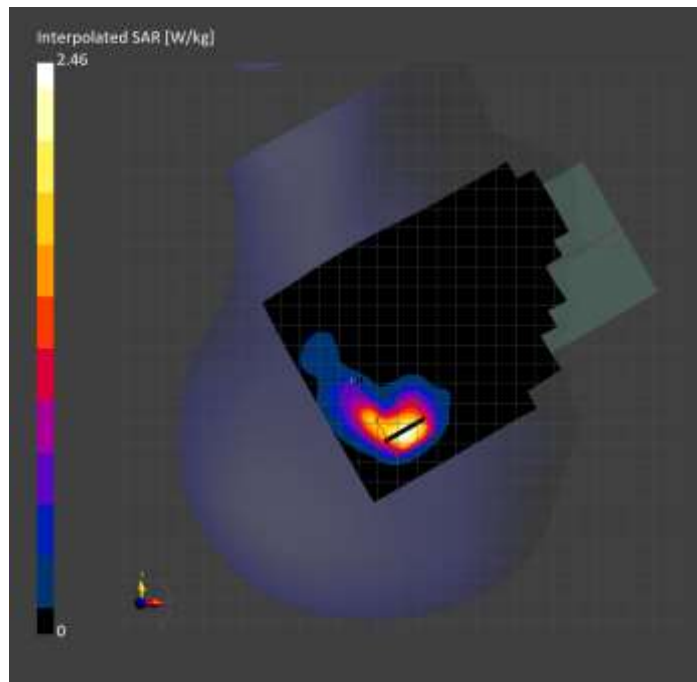
Probe   Calibration Date	EX3DV4 - SN3773   2023-02-13	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1258   2023-03-16	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		59.3
Dist 3dB Peak [mm]		5.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.568	<b>0.572</b>
psSAR10g [W/Kg]	0.207	<b>0.201</b>
Power Drift [dB]	N/A	-0.09



# Measurement Report for WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), CHEEK

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.7
Frequency [MHz]   Channel Number	5610.000   122	TSL Conductivity [S/m]	4.88
Group   UID	WLAN   10544-AAD	Phantom Section   TSL	RightHead   HSL
Conversion Factor	4.98	Test Distance [mm]	0.00

## Hardware Setup

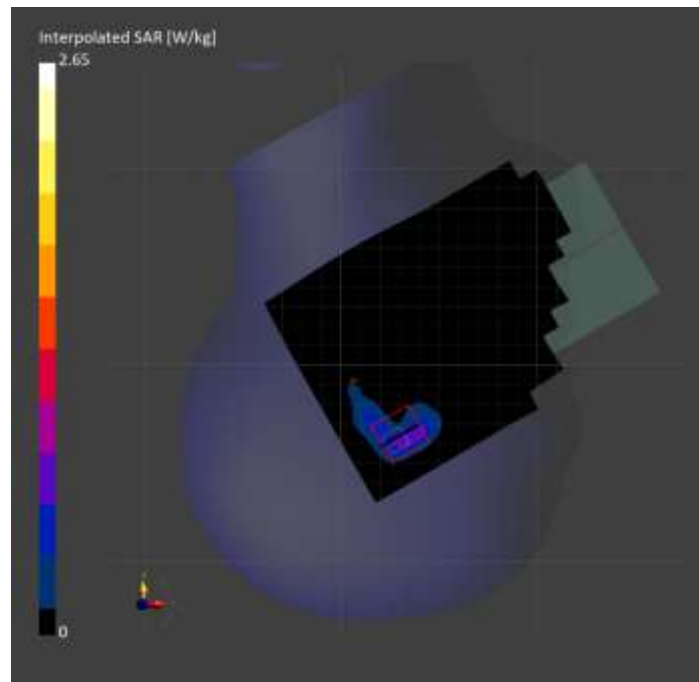
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		60.2
Dist 3dB Peak [mm]		5.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.518	<b>0.586</b>
psSAR10g [W/Kg]	0.185	<b>0.179</b>
Power Drift [dB]	N/A	0.35





# Measurement Report for WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.7
Frequency [MHz]   Channel Number	5690.000   138	TSL Conductivity [S/m]	4.95
Group   UID	WLAN   10544-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

## Hardware Setup

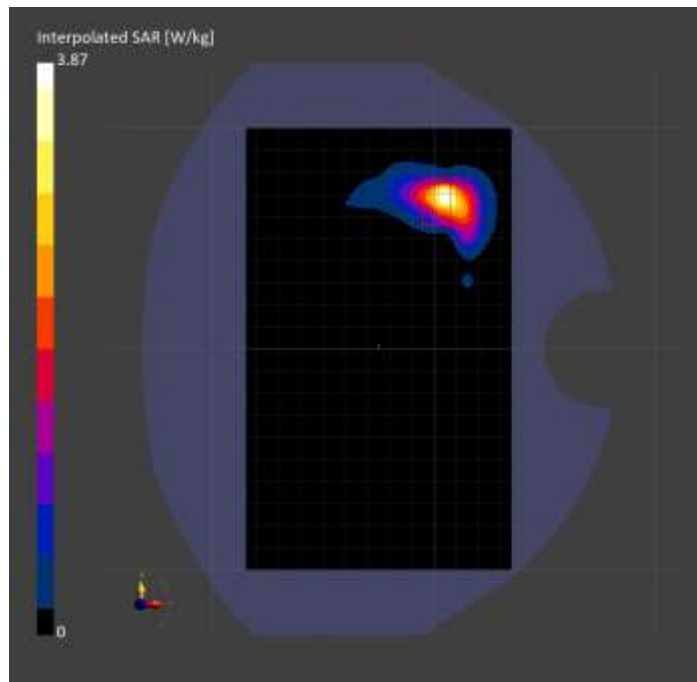
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		5.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	<b>0.858</b>
psSAR10g [W/Kg]	0.195	<b>0.214</b>
Power Drift [dB]	N/A	0.13



# Measurement Report for WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), EDGE LEFT

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.7
Frequency [MHz]   Channel Number	5610.000   122	TSL Conductivity [S/m]	4.88
Group   UID	WLAN   10544-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	4.98	Test Distance [mm]	5.00

## Hardware Setup

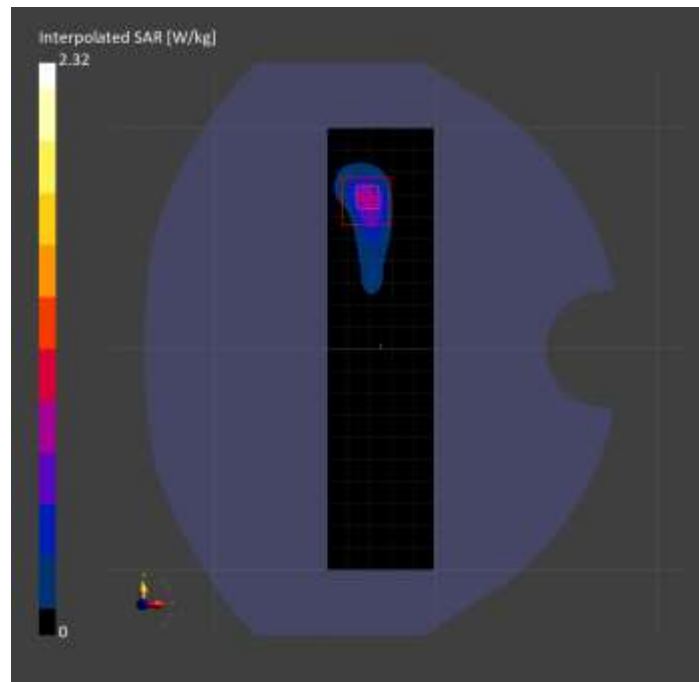
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.9
Dist 3dB Peak [mm]		6.6

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.620	<b>0.588</b>
psSAR10g [W/Kg]	0.197	<b>0.181</b>
Power Drift [dB]	N/A	-0.14



# Measurement Report for WLAN 5GHz: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), CHEEK

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.0
Frequency [MHz]   Channel Number	5825.000   165	TSL Conductivity [S/m]	5.14
Group   UID	WLAN   10417-AAD	Phantom Section   TSL	RightHead   HSL
Conversion Factor	5.15	Test Distance [mm]	0.00

## Hardware Setup

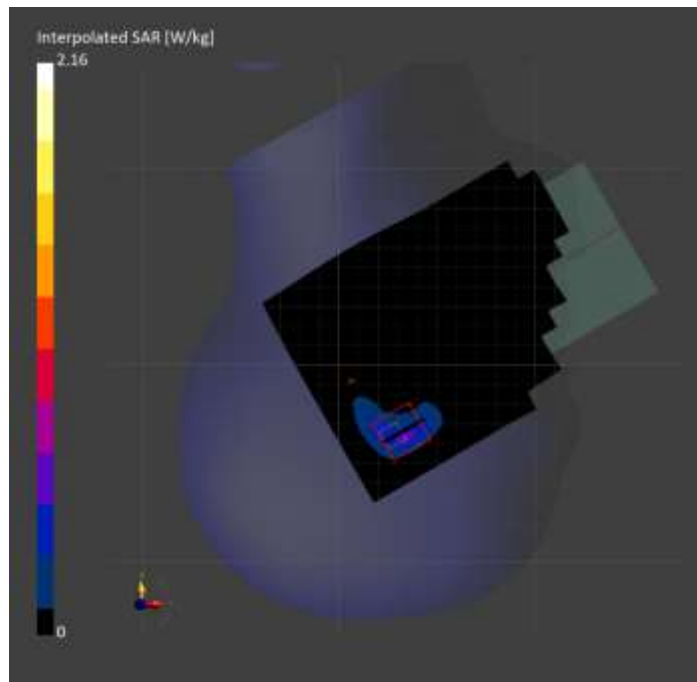
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		60.2
Dist 3dB Peak [mm]		4.8

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.394	<b>0.480</b>
psSAR10g [W/Kg]	0.144	<b>0.135</b>
Power Drift [dB]	N/A	0.08



# Measurement Report for WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), BACK

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	35.4
Frequency [MHz]   Channel Number	5775.000   155	TSL Conductivity [S/m]	5.38
Group   UID	WLAN   10544-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

## Hardware Setup

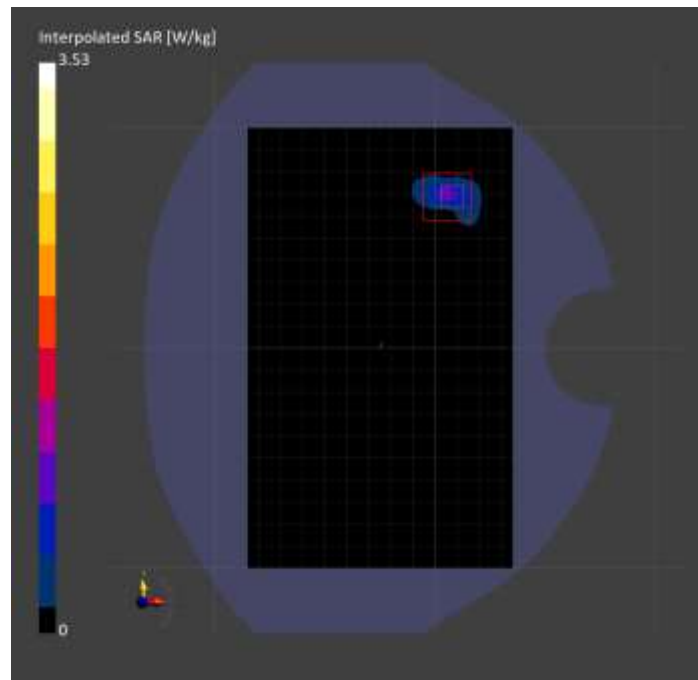
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		4.9

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.671	<b>0.790</b>
psSAR10g [W/Kg]	0.196	<b>0.204</b>
Power Drift [dB]	N/A	-0.03



# Measurement Report for WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), EDGE LEFT

## Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	36.0
Frequency [MHz]   Channel Number	5775.000   155	TSL Conductivity [S/m]	5.13
Group   UID	WLAN   10544-AAD	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

## Hardware Setup

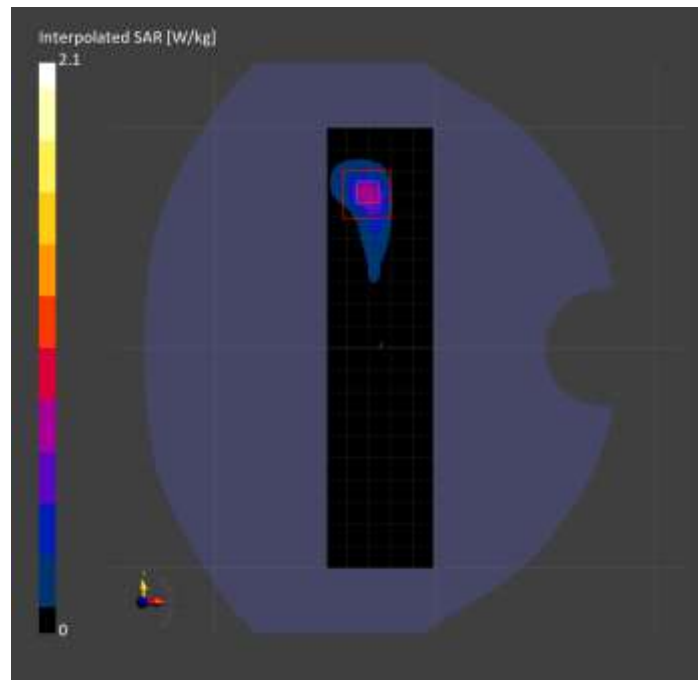
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		7.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.553	<b>0.532</b>
psSAR10g [W/Kg]	0.173	<b>0.161</b>
Power Drift [dB]	N/A	0.17



# Measurement Report for ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), CHEEK

## Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.4
Frequency [MHz]   Channel Number	2441.000   39	TSL Conductivity [S/m]	1.82
Group   UID	Bluetooth   10032-CAA	Phantom Section   TSL	LeftHead   HSL
Conversion Factor	7.33	Test Distance [mm]	0.00

## Hardware Setup

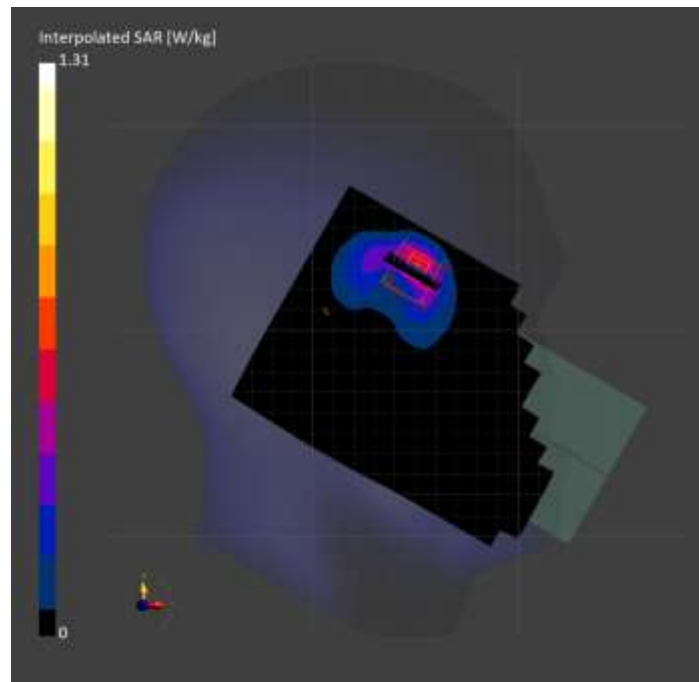
Probe   Calibration Date	EX3DV4 - SN3772   2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1359   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		6.3

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.513	<b>0.574</b>
psSAR10g [W/Kg]	0.237	<b>0.237</b>
Power Drift [dB]	N/A	0.02



# Measurement Report for ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), BACK

## Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.4
Frequency [MHz]   Channel Number	2441.000   39	TSL Conductivity [S/m]	1.82
Group   UID	Bluetooth   10032-CAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

## Hardware Setup

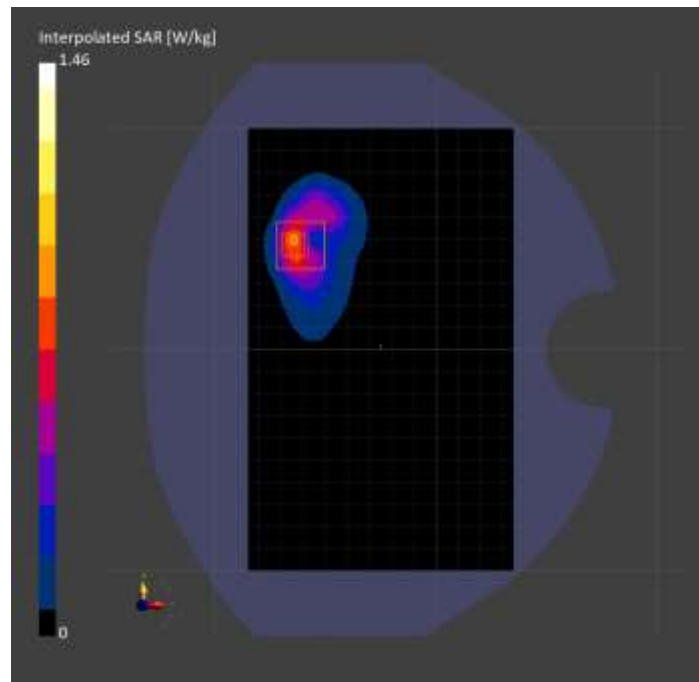
Probe   Calibration Date	EX3DV4 - SN3772   2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1359   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		6.4

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.633	<b>0.651</b>
psSAR10g [W/Kg]	0.288	<b>0.280</b>
Power Drift [dB]	N/A	-0.04



# Measurement Report for ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), EDGE RIGHT

## Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.4
Frequency [MHz]   Channel Number	2441.000   39	TSL Conductivity [S/m]	1.82
Group   UID	Bluetooth   10032-CAA	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.33	Test Distance [mm]	5.00

## Hardware Setup

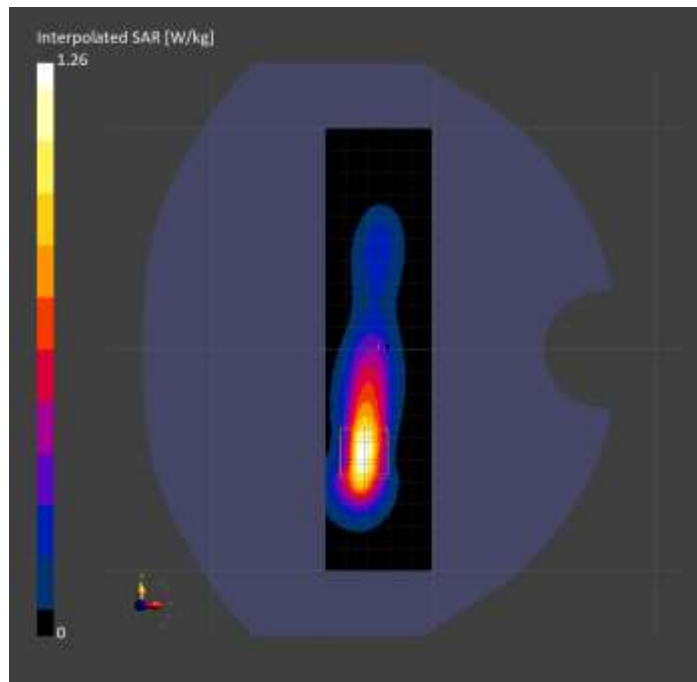
Probe   Calibration Date	EX3DV4 - SN3772   2023-02-13	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1359   2023-01-24	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		7.0

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.594	<b>0.595</b>
psSAR10g [W/Kg]	0.259	<b>0.253</b>
Power Drift [dB]	N/A	0.10





# Measurement Report for Custom Band: CW, BACK

## Exposure Conditions

Band	Custom Band	TSL Permittivity	41.6
Frequency [MHz]   Channel Number	1617.600   1617600	TSL Conductivity [S/m]	1.24
Group   UID	CW   0--	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.86	Test Distance [mm]	5.00

## Hardware Setup

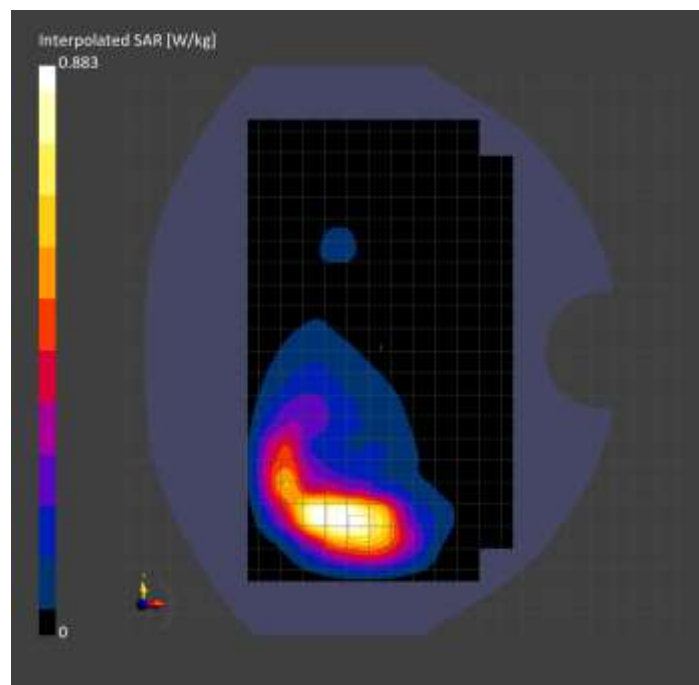
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## 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
Graded Grid	N/A	Yes
M2/M1 [%]		85.6
Dist 3dB Peak [mm]		9.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.474	<b>0.519</b>
psSAR10g [W/Kg]	0.274	<b>0.296</b>
Power Drift [dB]	N/A	-0.09



# Measurement Report for Custom Band: CW, EDGE RIGHT

## Exposure Conditions

Band	Custom Band	TSL Permittivity	39.7
Frequency [MHz]   Channel Number	1625.100   1625100	TSL Conductivity [S/m]	1.27
Group   UID	CW   0--	Phantom Section   TSL	Flat   HSL
Conversion Factor	8.86	Test Distance [mm]	5.00

## Hardware Setup

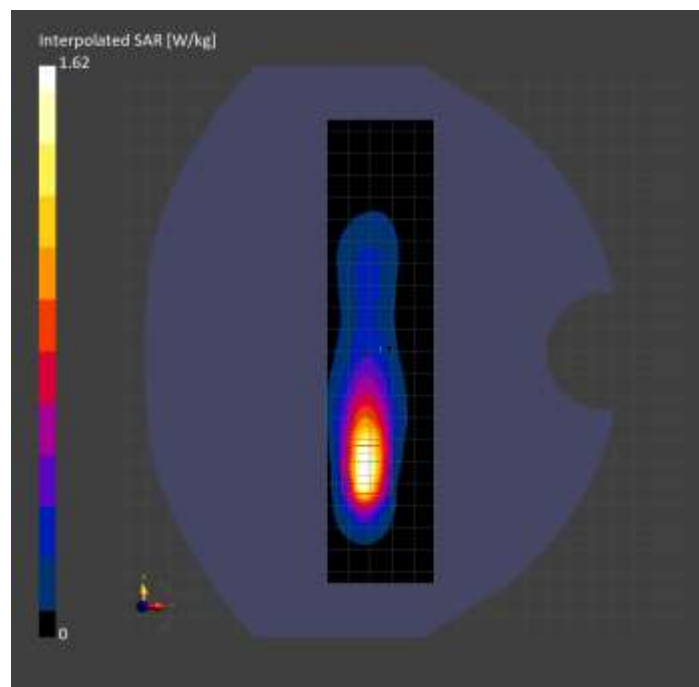
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.5
Dist 3dB Peak [mm]		7.2

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.908	<b>0.902</b>
psSAR10g [W/Kg]	0.437	<b>0.421</b>
Power Drift [dB]	N/A	-0.01



# Measurement Report for 802.15.4ab: Pulse Waveform (200Hz, 10%), CHEEK

## Exposure Conditions

Band	802.15.4ab	TSL Permittivity	35.5
Frequency [MHz]   Channel Number	5786.300   18	TSL Conductivity [S/m]	5.33
Group   UID	CW   10658-AAB	Phantom Section   TSL	RightHead   HSL
Conversion Factor	5.15	Test Distance [mm]	0.00

## Hardware Setup

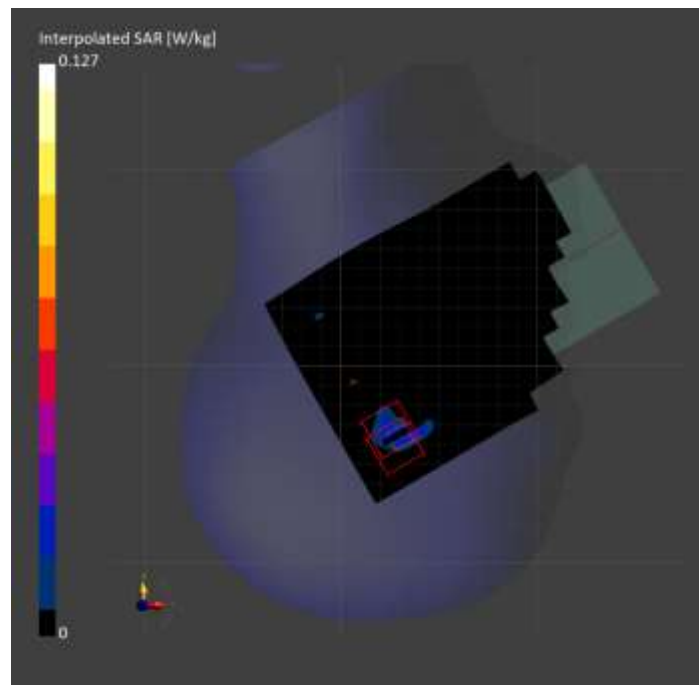
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		57.2	54.0
Dist 3dB Peak [mm]		5.4	5.7

## Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.021	<b>0.021</b>	<b>0.022</b>
psSAR10g [W/Kg]	0.007	<b>0.001</b>	<b>0.002</b>
Power Drift [dB]	N/A	1.74	-0.54



# Measurement Report for 802.15.4ab: Pulse Waveform (200Hz, 10%), BACK

## Exposure Conditions

Band	802.15.4ab	TSL Permittivity	35.5
Frequency [MHz]   Channel Number	5786.300   18	TSL Conductivity [S/m]	5.33
Group   UID	CW   10658-AAB	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

## Hardware Setup

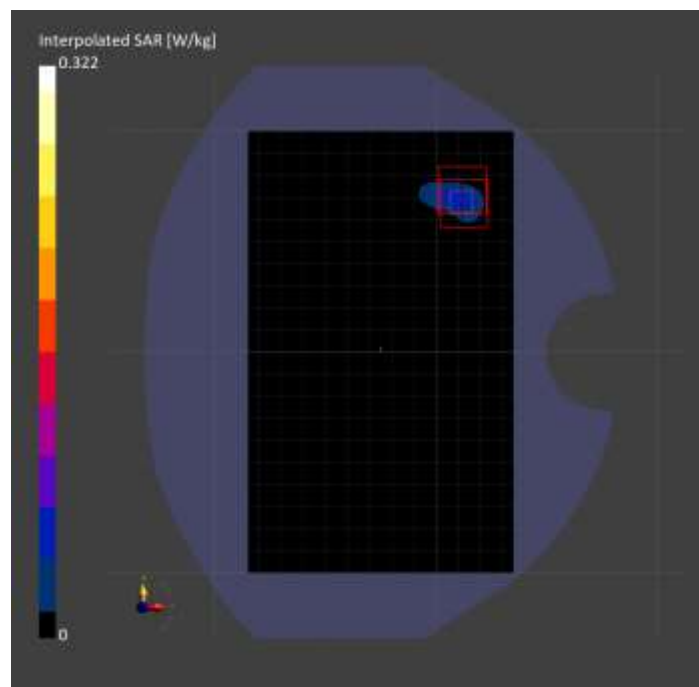
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		54.6	58.0
Dist 3dB Peak [mm]		4.8	4.8

## Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.052	<b>0.055</b>	<b>0.062</b>
psSAR10g [W/Kg]	0.015	<b>0.005</b>	<b>0.012</b>
Power Drift [dB]	N/A	0.36	0.70



# Measurement Report for 802.15.4ab: Pulse Waveform (200Hz, 10%), EDGE LEFT

## Exposure Conditions

Band	802.15.4ab	TSL Permittivity	34.0
Frequency [MHz]   Channel Number	5786.300   18	TSL Conductivity [S/m]	5.04
Group   UID	CW   10658-AAB	Phantom Section   TSL	Flat   HSL
Conversion Factor	5.15	Test Distance [mm]	5.00

## Hardware Setup

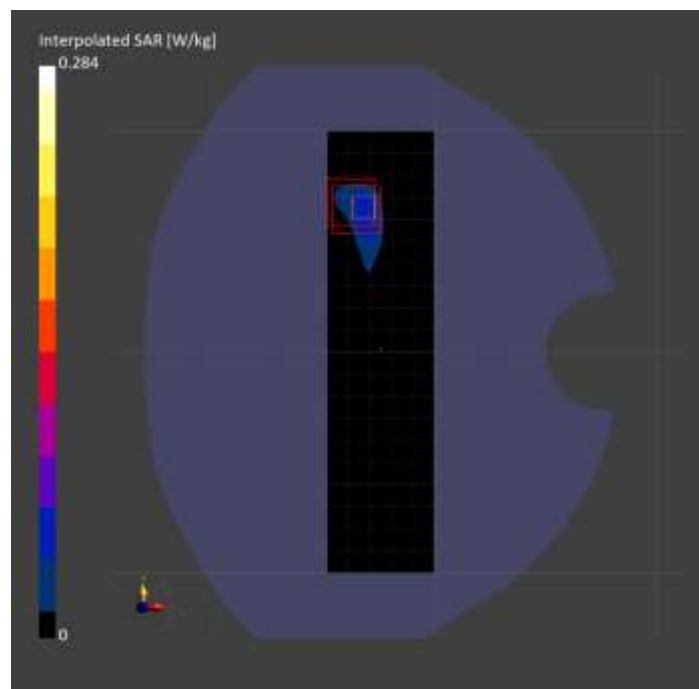
Probe   Calibration Date	EX3DV4 - SN3902   2023-03-17	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1797   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan	Secondary Zoom Scan
Grid Extents [mm]	48.0 x 200.0	24.0 x 24.0 x 22.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
M2/M1 [%]		26.4	53.2
Dist 3dB Peak [mm]		1.2	6.5

## Measurement Results

	Area Scan	Zoom Scan	Secondary Zoom Scan
psSAR1g [W/Kg]	0.047	<b>0.037</b>	<b>0.036</b>
psSAR10g [W/Kg]	0.015	<b>0.004</b>	<b>0.003</b>
Power Drift [dB]	N/A	2.41	-0.22



# Measurement Report for Custom Band: CW, EDGE TOP

## Exposure Conditions

Band	Custom Band	TSL Permittivity	55.4
Frequency [MHz]   Channel Number	13.600   13600	TSL Conductivity [S/m]	0.718
Group   UID	CW   0--	Phantom Section   TSL	Flat   HSL
Conversion Factor	19.03	Test Distance [mm]	0.00

## Hardware Setup

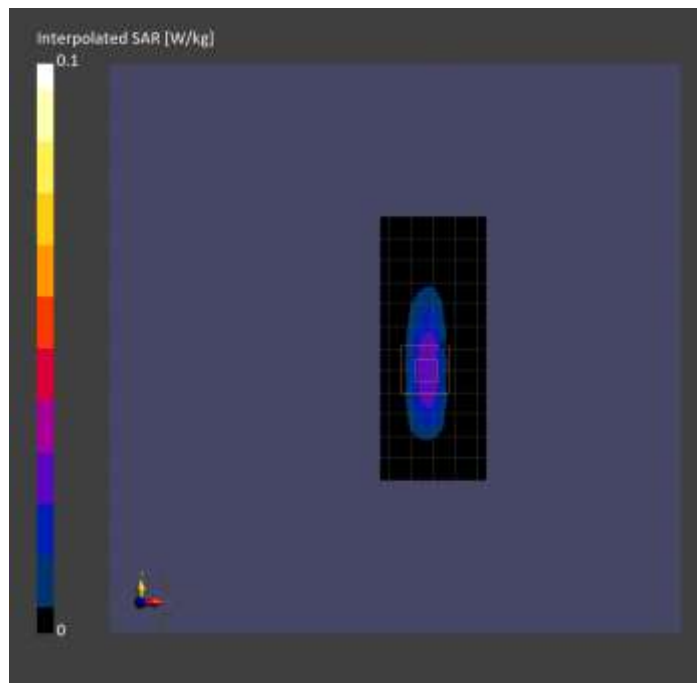
Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	ELI V8.0 (20deg probe tilt)
DAE   Calibration Date	DAE4 Sn1257   2022-09-20	TSL Type	HBBL4-250V3
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		59.7
Dist 3dB Peak [mm]		6.1

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.029	<b>0.027</b>
psSAR10g [W/Kg]	0.017	<b>0.01</b>
Power Drift [dB]	N/A	0.01



**Band n26: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

Band	Band n26	TSL Permittivity	43.3
Frequency [MHz]   Channel Number	831.500   166300	TSL Conductivity [S/m]	0.876
Group   UID	5G NR FR1 FDD   10939-AAC	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.83	Test Distance [mm]	25.00

**Hardware Setup**

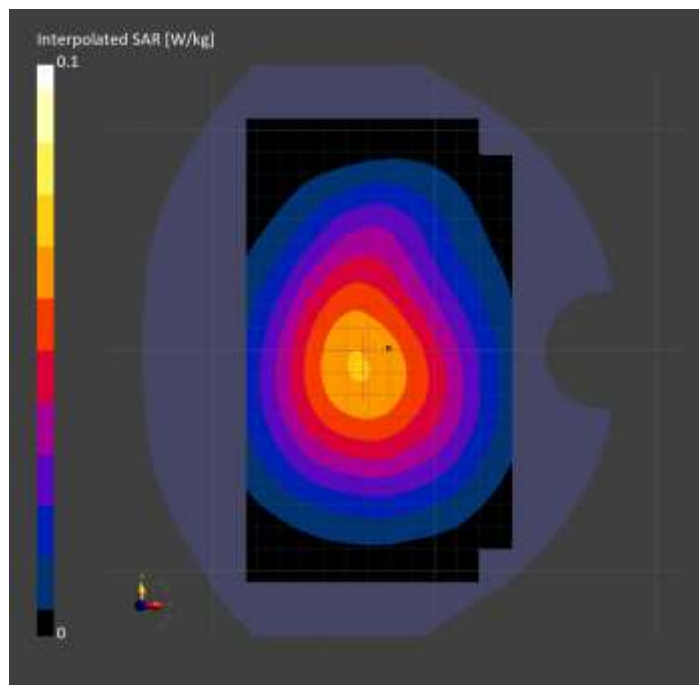
Probe   Calibration Date	EX3DV4 - SN3749   2023-01-27	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1784   2023-04-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

**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
Graded Grid	N/A	Yes
M2/M1 [%]		93.9
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg]   SAR Peak Location [mm]	N/A	0.078   [-32.2, -15.3, -207.0]

**Measurement Results**

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.060	<b>0.063</b>
psSAR10g [W/Kg]	0.042	<b>0.048</b>
Power Drift [dB]	N/A	-0.01



# Band n41: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, EDGE RIGHT

## Exposure Conditions

Band	Band n41	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	2592.990   518598	TSL Conductivity [S/m]	1.93
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	7.39	Test Distance [mm]	25.00

## Hardware Setup

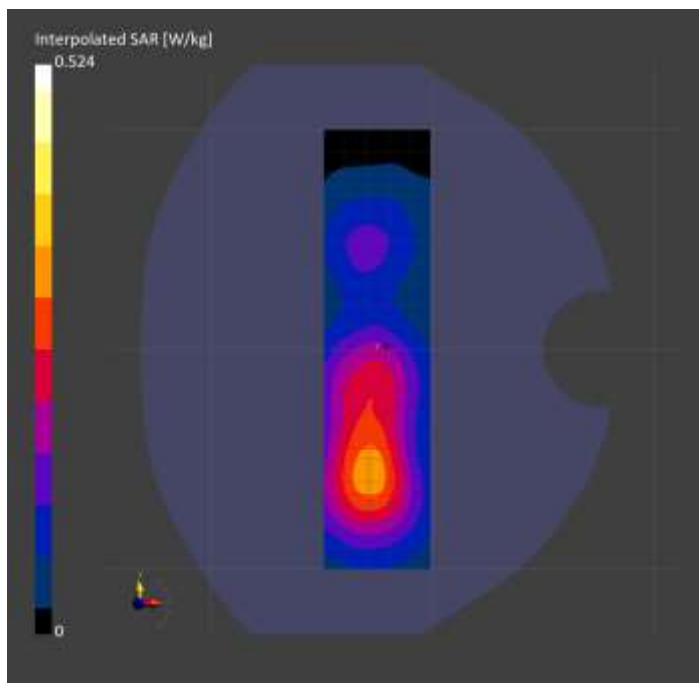
Probe   Calibration Date	EX3DV4 - SN7448   2023-02-14	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1472   2023-01-23	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg]   SAR Peak Location [mm]	N/A	0.524   [-28.2, -55.0, -207.0]

## Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.273	<b>0.284</b>
psSAR10g [W/Kg]	0.153	<b>0.157</b>
Power Drift [dB]	N/A	0.03





**Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, EDGE LEFT**

**Exposure Conditions**

Band	Band n77	TSL Permittivity	39.6
Frequency [MHz]   Channel Number	3499.980   633332	TSL Conductivity [S/m]	2.79
Group   UID	5G NR FR1 TDD   10866-AAF	Phantom Section   TSL	Flat   HSL
Conversion Factor	6.78	Test Distance [mm]	25.00

**Hardware Setup**

Probe   Calibration Date	EX3DV4 - SN3989   2023-01-26	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE   Calibration Date	DAE4 Sn1547   2023-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 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
Graded Grid	N/A	Yes
M2/M1 [%]		77.1
Dist 3dB Peak [mm]		> 15.0
Peak SAR [W/kg]   SAR Peak Location [mm]	N/A	1.21   [-25.0, -66.0, -207.0]

**Measurement Results**

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.550	<b>0.564</b>
psSAR10g [W/Kg]	0.281	<b>0.291</b>
Power Drift [dB]	N/A	-0.03

