

Measurement Report for GSM 850, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	GSM 850	TSL Permittivity	40.3
Frequency [MHz] Channel Number	836.6 190	TSL Conductivity [S/m]	0.921
Group UID	GSM 10028-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.5	Test Distance [mm]	0.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)		

Hardware Setup

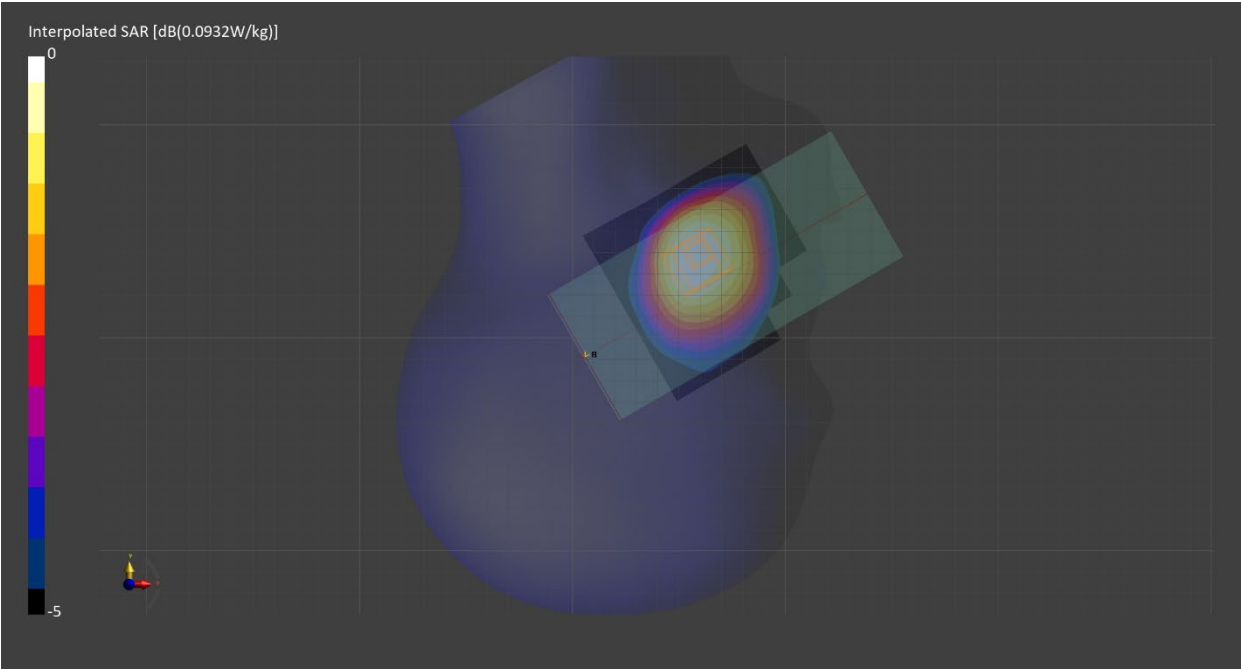
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2082
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		95.4
Dist 3dB Peak [mm]		22.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.081	0.085
psSAR10g [W/Kg]	0.056	0.066
Power Drift [dB]	n/a	-0.04



Measurement Report for GSM 850, BACK, Normal, CELL Main1

Exposure Conditions

Band	GSM 850	TSL Permittivity	40.3
Frequency [MHz] Channel Number	836.6 190	TSL Conductivity [S/m]	0.921
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	10.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)		

Hardware Setup

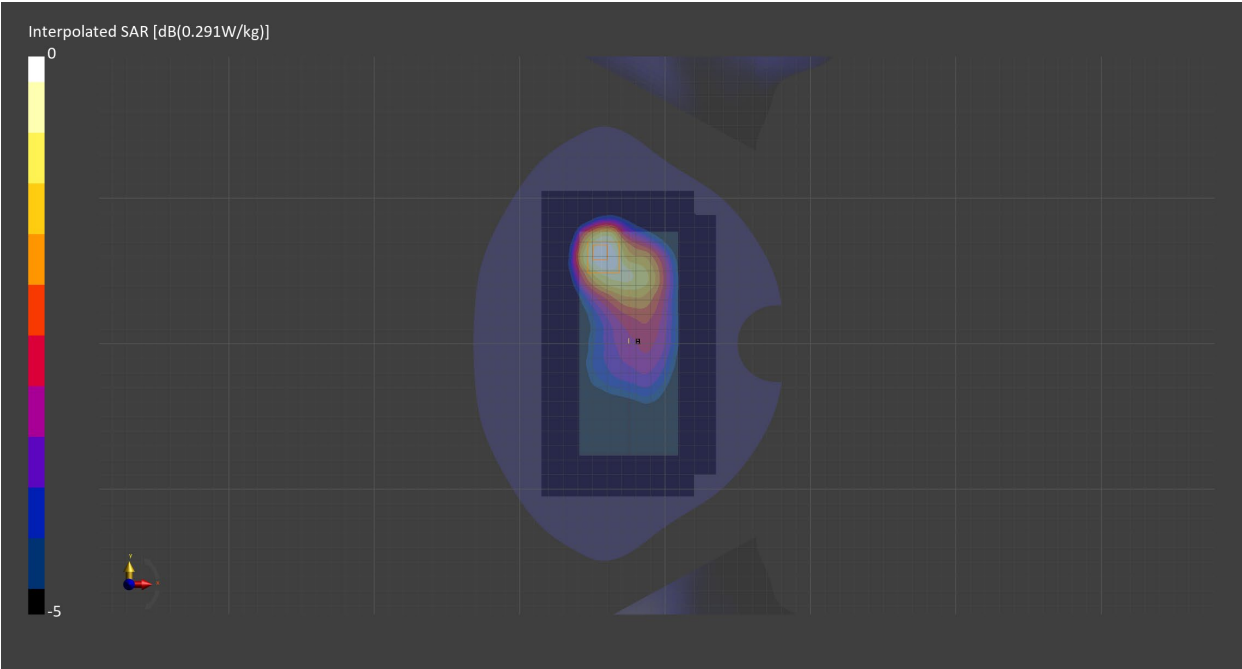
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans 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 [%]		84.3
Dist 3dB Peak [mm]		16.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.177	0.175
psSAR10g [W/Kg]	0.119	0.108
Power Drift [dB]	n/a	-0.04



Measurement Report for GSM 850, BACK, Normal, CELL Main1

Exposure Conditions

Band	GSM 850	TSL Permittivity	40.3
Frequency [MHz] Channel Number	836.6 190	TSL Conductivity [S/m]	0.921
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	10.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1)		

Hardware Setup

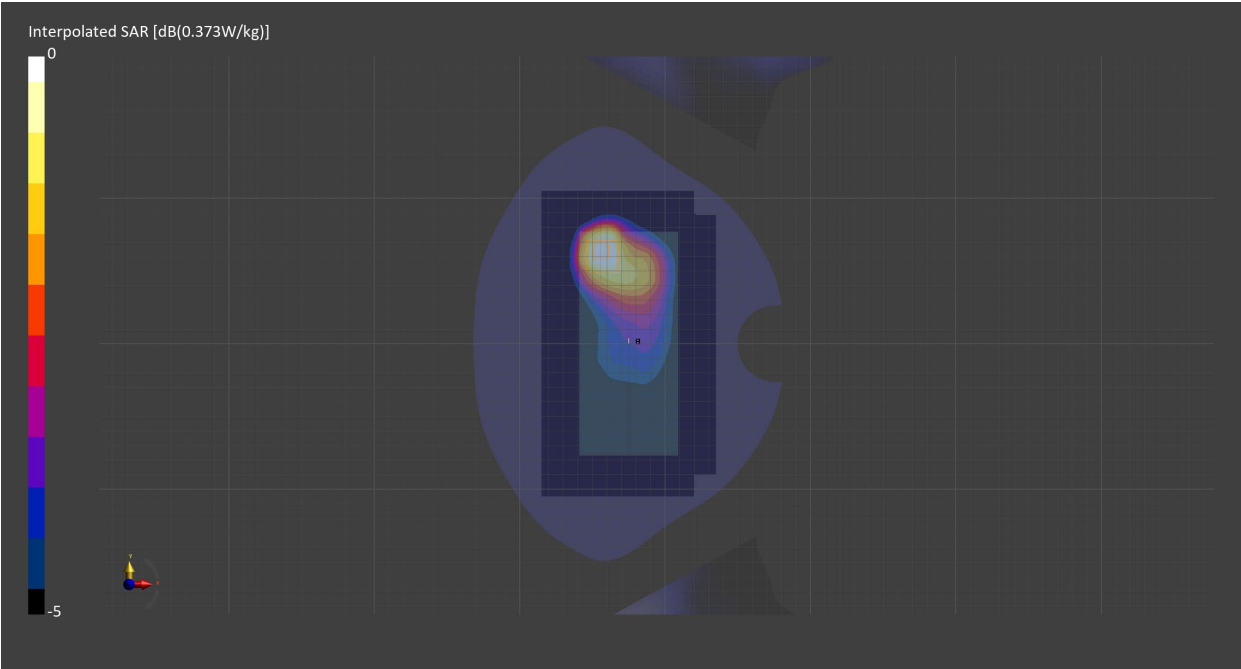
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans 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 [%]		84.2
Dist 3dB Peak [mm]		15.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.221	0.221
psSAR10g [W/Kg]	0.147	0.135
Power Drift [dB]	n/a	-0.01



Measurement Report for PCS 1900, CHEEK, Normal, CELL Main2

Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1909.8 810	TSL Conductivity [S/m]	1.43
Group UID	GSM 10028-DAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.18	Test Distance [mm]	0.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)		

Hardware Setup

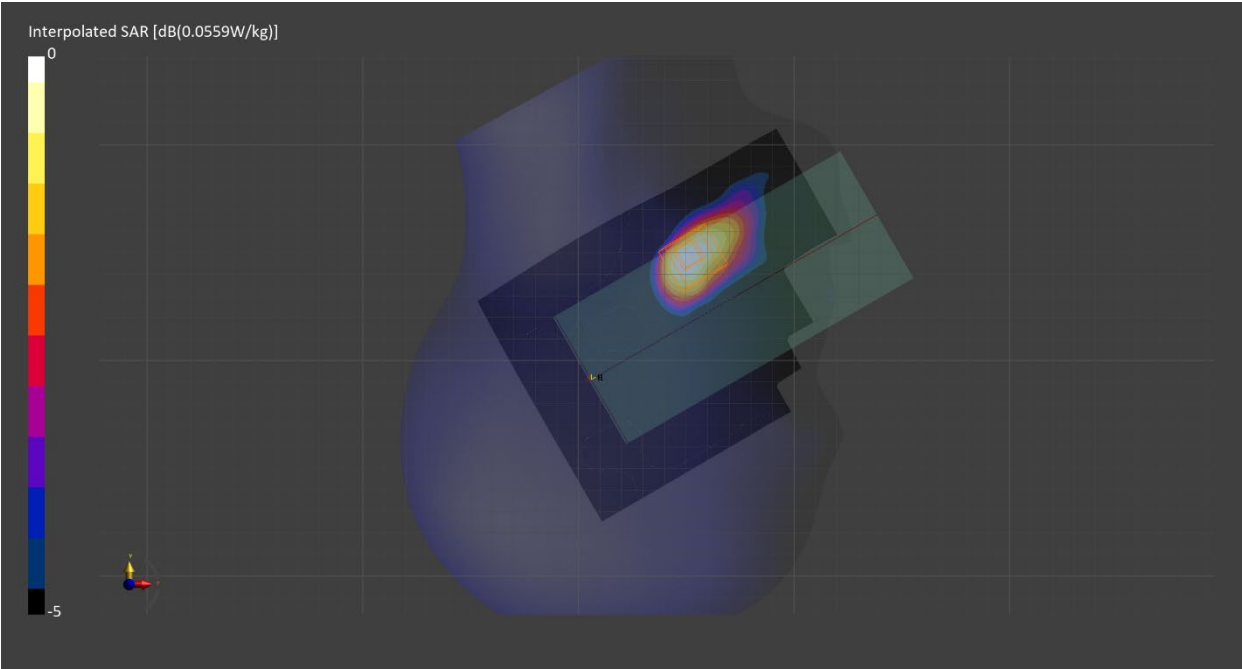
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans 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 [%]		91.0
Dist 3dB Peak [mm]		11.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.046	0.035
psSAR10g [W/Kg]	0.020	0.021
Power Drift [dB]	n/a	-0.00



Measurement Report for PCS 1900, BACK, Normal, CELL Main2

Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1909.8 810	TSL Conductivity [S/m]	1.43
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.18	Test Distance [mm]	10.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)		

Hardware Setup

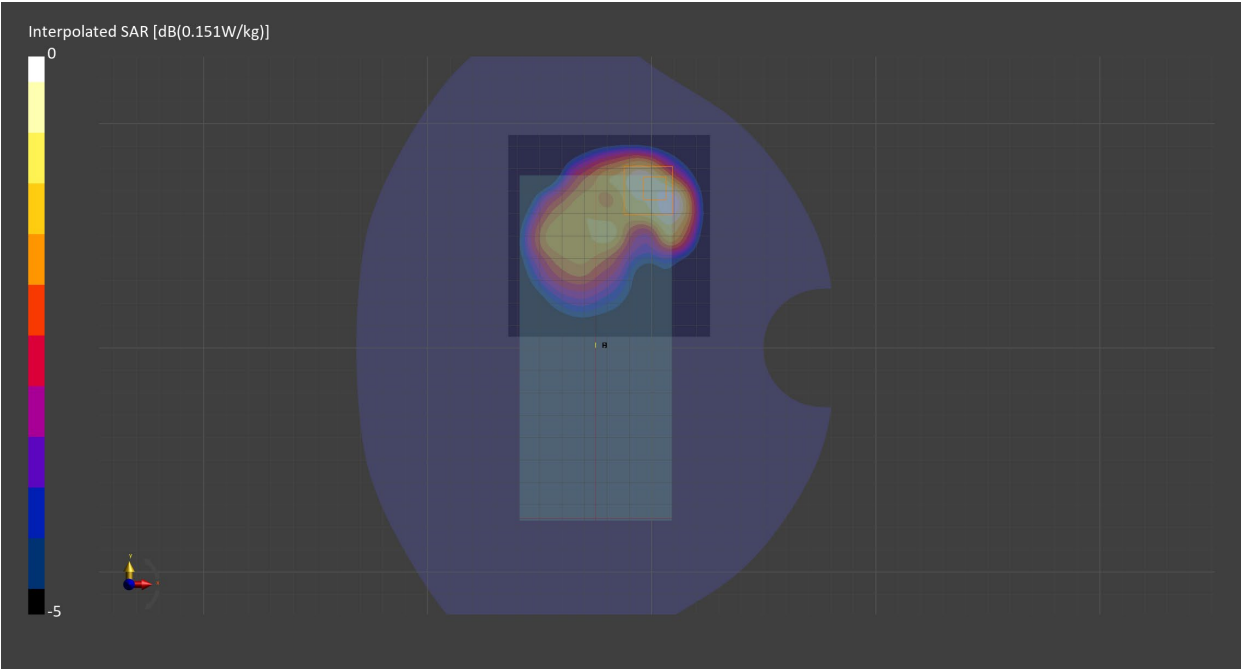
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		80.7
Dist 3dB Peak [mm]		11.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.123	0.129
psSAR10g [W/Kg]	0.071	0.073
Power Drift [dB]	n/a	-0.02



Measurement Report for PCS 1900, EDGE BOTTOM, Normal, CELL Main2

Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1909.8 810	TSL Conductivity [S/m]	1.43
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.18	Test Distance [mm]	10.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)		

Hardware Setup

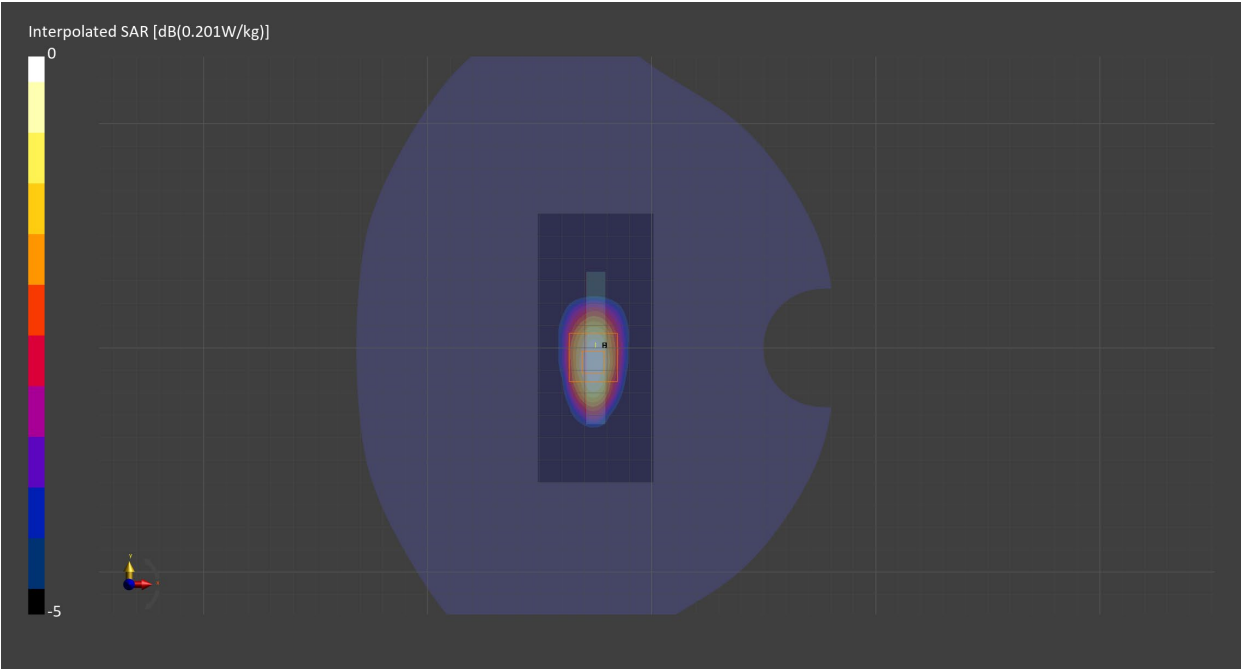
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.6 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 [%]		83.4
Dist 3dB Peak [mm]		12.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.162	0.163
psSAR10g [W/Kg]	0.089	0.091
Power Drift [dB]	n/a	-0.07



Measurement Report for PCS 1900, EDGE BOTTOM, Normal, CELL Main2

Exposure Conditions

Band	PCS 1900	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1909.8 810	TSL Conductivity [S/m]	1.43
Group UID	GSM 10024-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.18	Test Distance [mm]	10.00
Communication Configuration	GPRS-FDD (TDMA, GMSK, TN 0-1)		

Hardware Setup

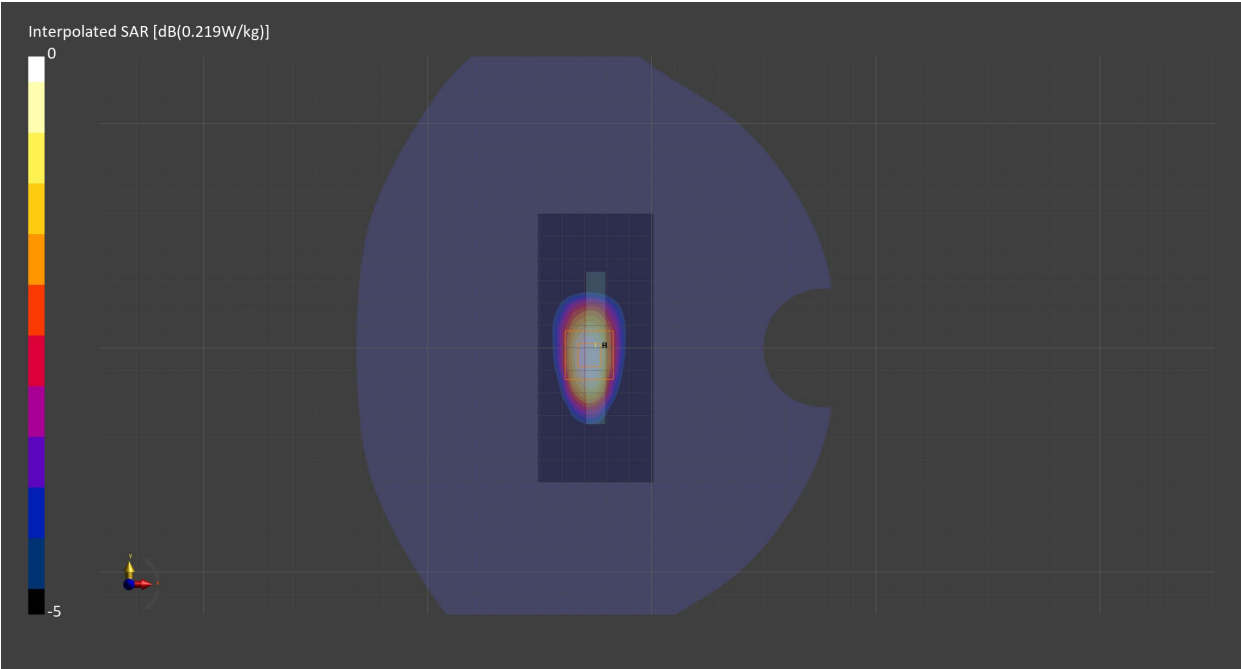
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.6 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 [%]		83.2
Dist 3dB Peak [mm]		11.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.178	0.179
psSAR10g [W/Kg]	0.099	0.100
Power Drift [dB]	n/a	-0.08



Measurement Report for Band 2, CHEEK, Normal, CELL Main2

Exposure Conditions

Band	Band 2	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1907.6 9538	TSL Conductivity [S/m]	1.43
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	8.18	Test Distance [mm]	0.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

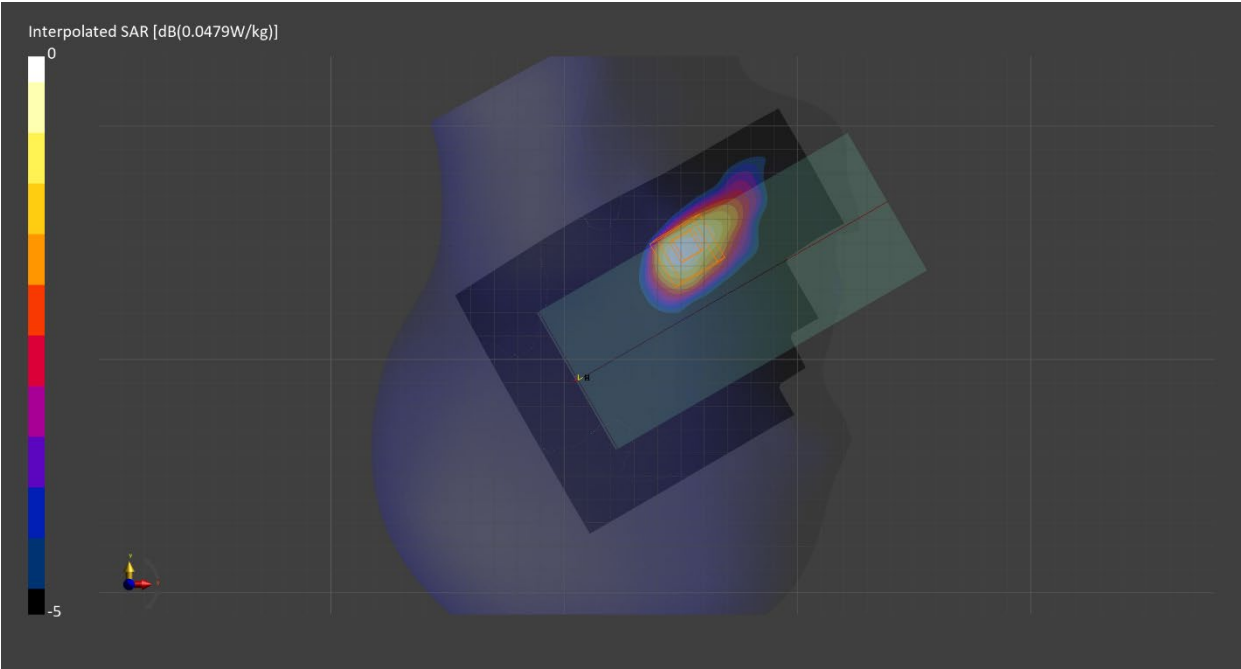
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans 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 [%]		90.9
Dist 3dB Peak [mm]		10.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.041	0.038
psSAR10g [W/Kg]	0.022	0.023
Power Drift [dB]	n/a	0.06



Measurement Report for Band 2, BACK, Normal, CELL Main2

Exposure Conditions

Band	Band 2	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1907.6 9538	TSL Conductivity [S/m]	1.43
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.18	Test Distance [mm]	10.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

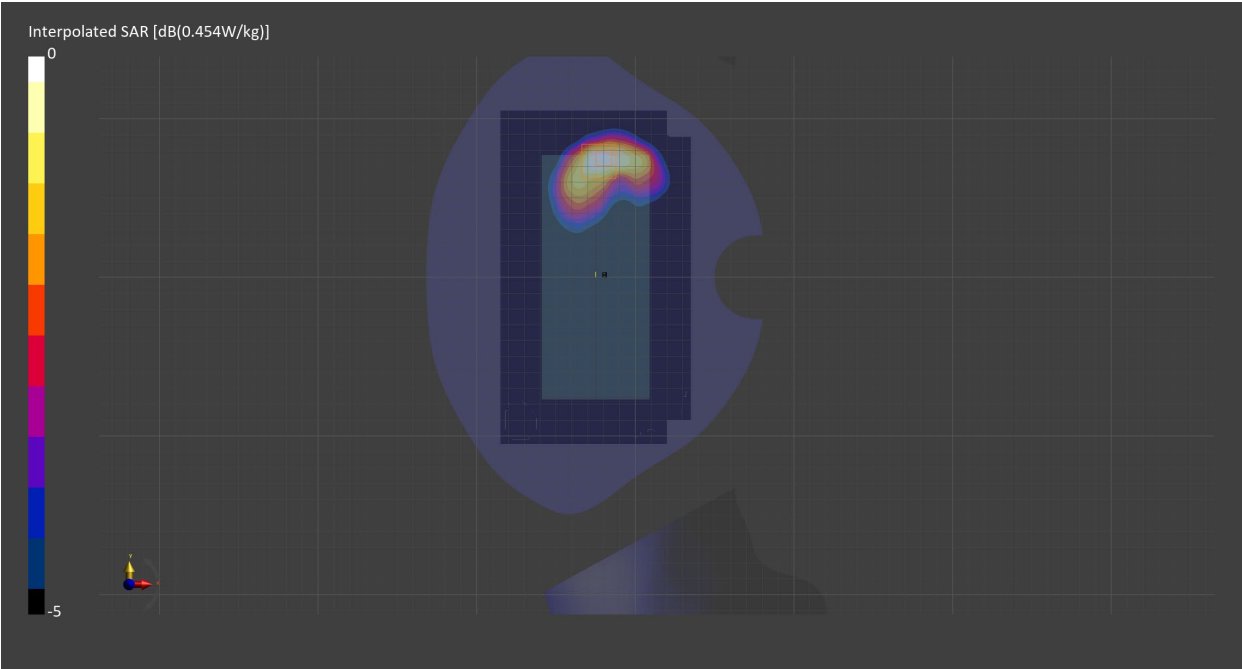
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans 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 [%]		84.4
Dist 3dB Peak [mm]		12.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.259	0.272
psSAR10g [W/Kg]	0.148	0.160
Power Drift [dB]	n/a	-0.01



Measurement Report for Band 2, EDGE BOTTOM, Normal, CELL Main2

Exposure Conditions

Band	Band 2	TSL Permittivity	38.3
Frequency [MHz] Channel Number	1907.6 9538	TSL Conductivity [S/m]	1.43
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.18	Test Distance [mm]	10.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

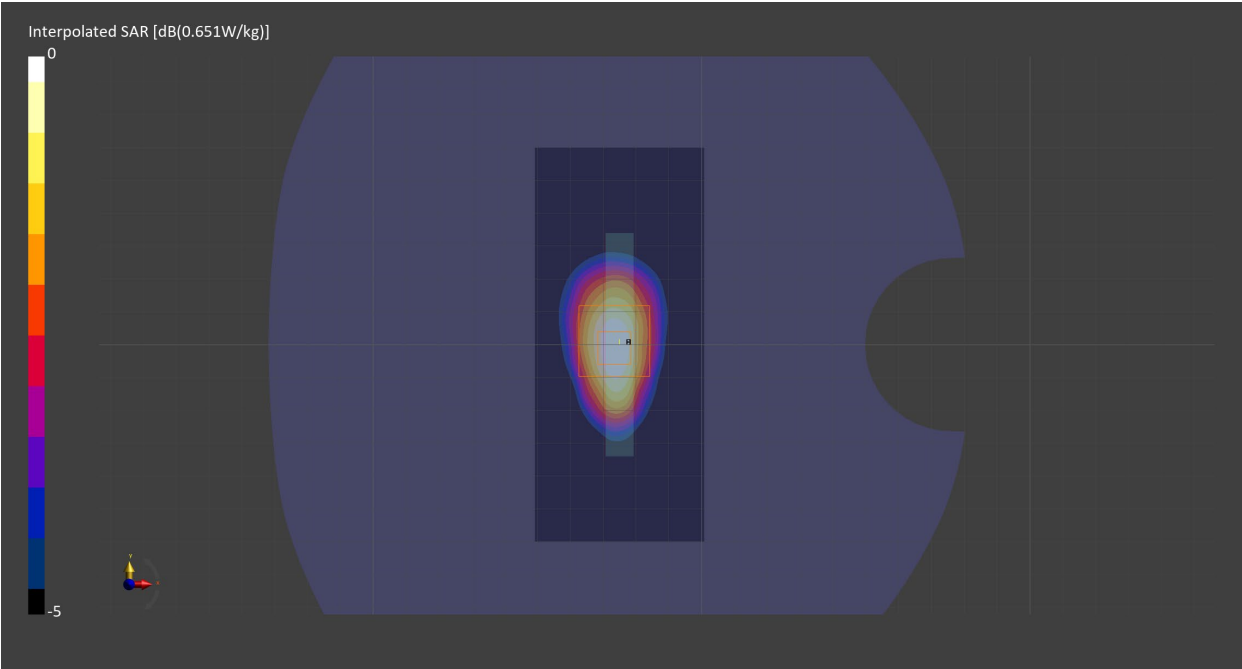
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.6 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 [%]		83.2
Dist 3dB Peak [mm]		11.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.361	0.373
psSAR10g [W/Kg]	0.199	0.209
Power Drift [dB]	n/a	0.01



Measurement Report for Band 4, CHEEK, Normal, CELL Main2

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.6 1413	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	9.11	Test Distance [mm]	0.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

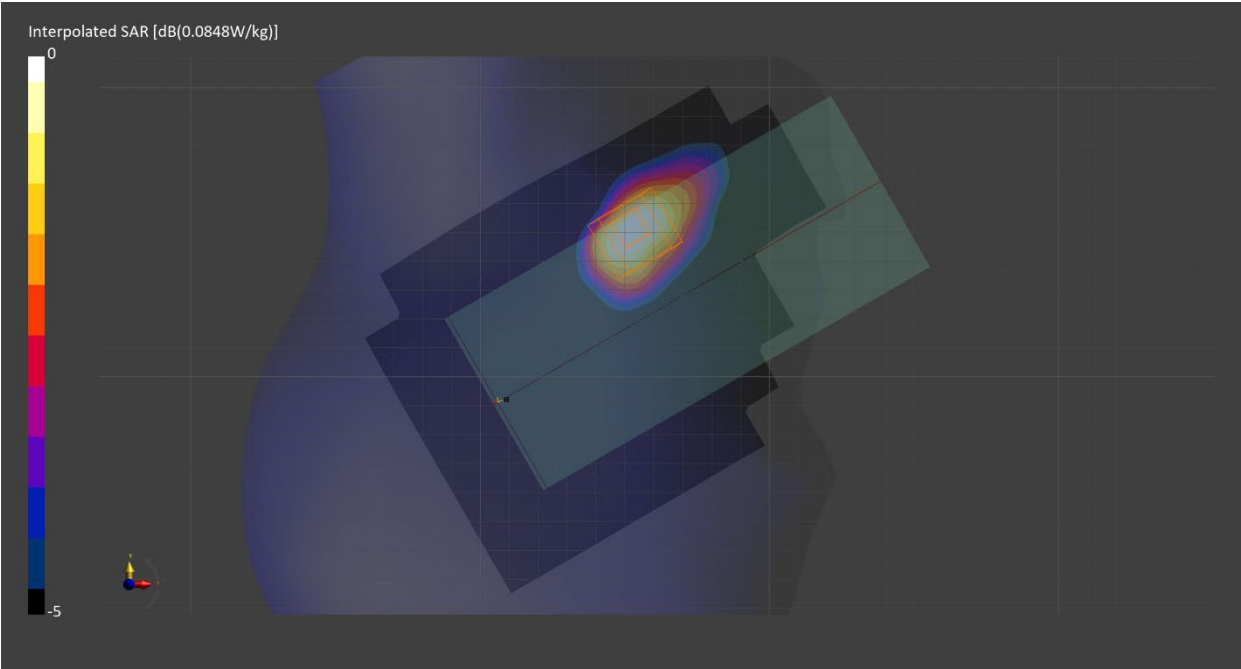
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans 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 [%]		91.6
Dist 3dB Peak [mm]		12.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.050	0.054
psSAR10g [W/Kg]	0.029	0.033
Power Drift [dB]	n/a	-0.07



Measurement Report for Band 4, BACK, Normal, CELL Main2

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.6 1413	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.11	Test Distance [mm]	10.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

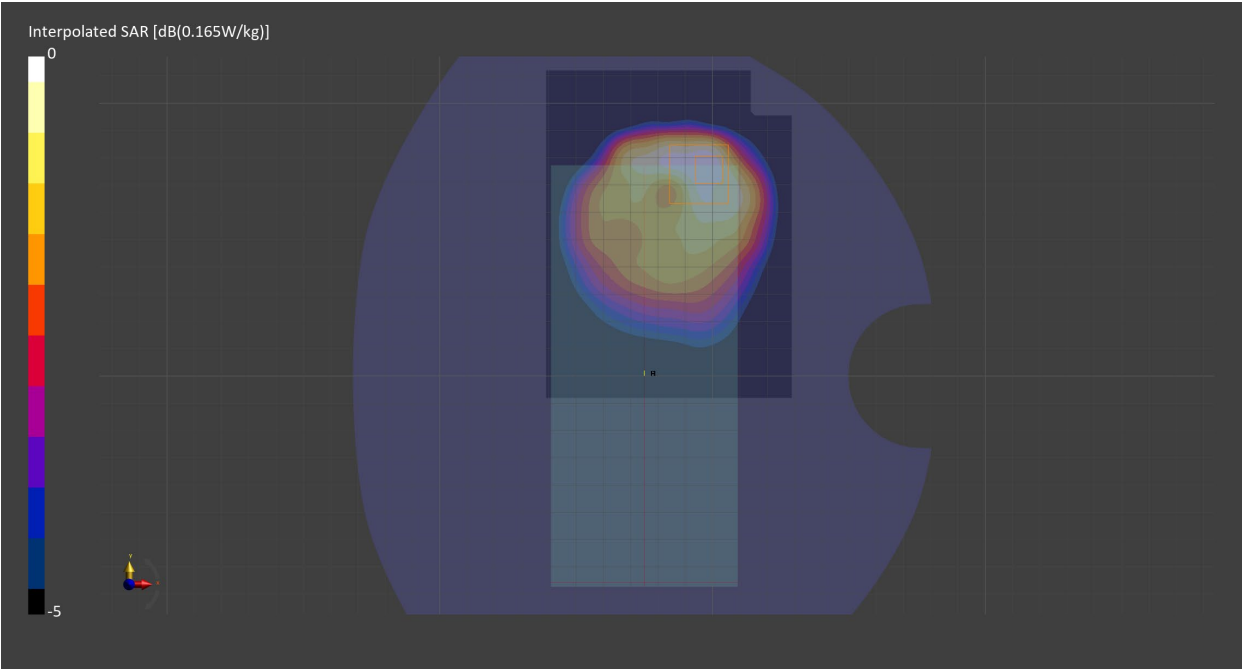
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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 [%]		82.4
Dist 3dB Peak [mm]		12.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.137	0.143
psSAR10g [W/Kg]	0.083	0.084
Power Drift [dB]	n/a	-0.02



Measurement Report for Band 4, EDGE BOTTOM, Normal, CELL Main2

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.6 1413	TSL Conductivity [S/m]	1.37
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	9.11	Test Distance [mm]	10.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

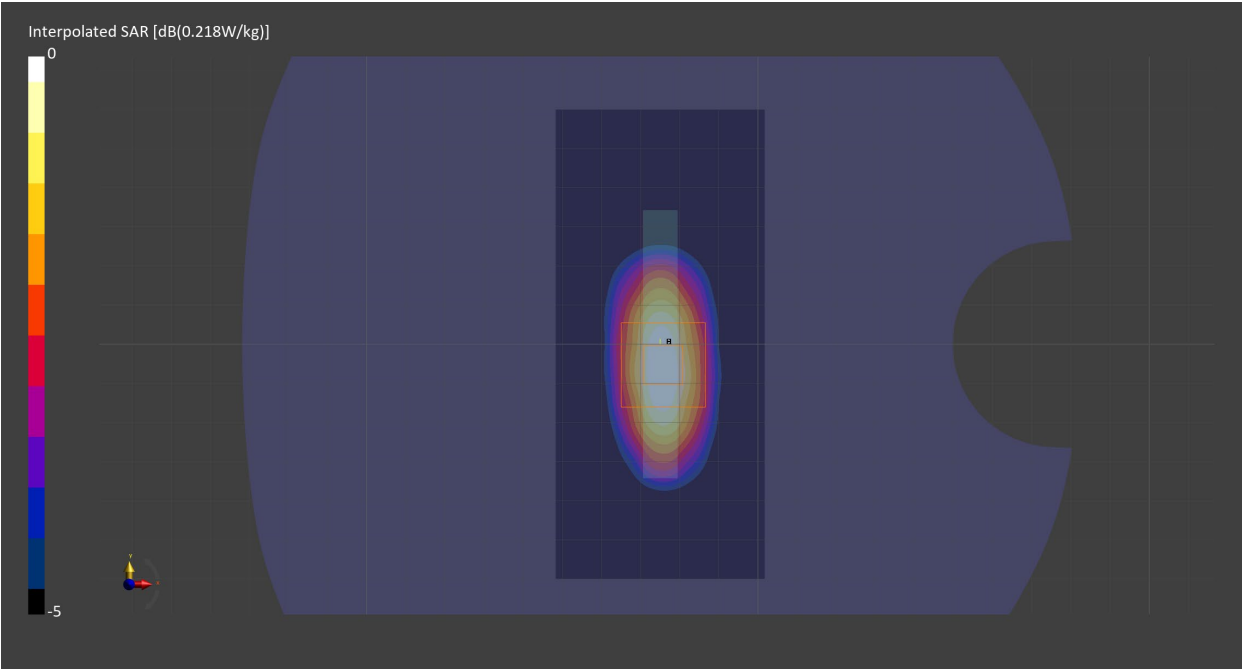
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	53.4 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.9 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 [%]		81.8
Dist 3dB Peak [mm]		11.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.178	0.180
psSAR10g [W/Kg]	0.099	0.101
Power Drift [dB]	n/a	0.02



Measurement Report for Band 5, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	Band 5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	836.6 4183	TSL Conductivity [S/m]	0.948
Group UID	WCDMA 10011-CAC	Phantom Section TSL	RightHead HSL
Conversion Factor	10.14	Test Distance [mm]	0.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

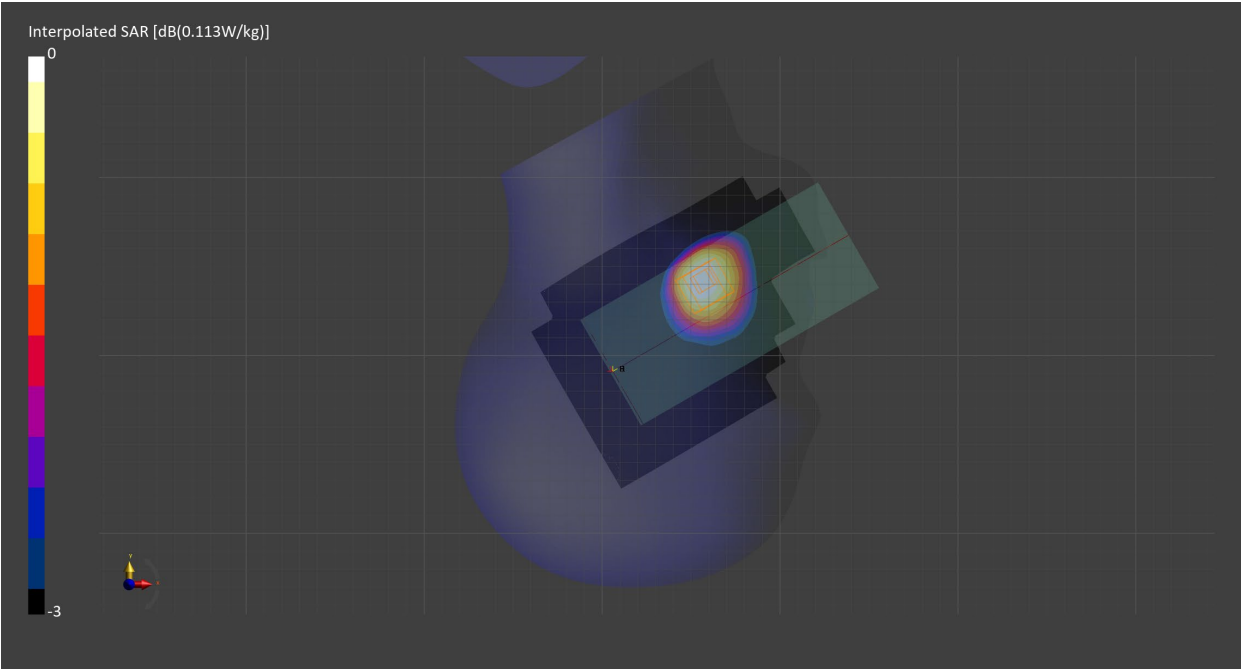
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans 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 [%]		93.6
Dist 3dB Peak [mm]		20.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.086	0.089
psSAR10g [W/Kg]	0.059	0.068
Power Drift [dB]	n/a	-0.04



Measurement Report for Band 5, BACK, Normal, CELL Main1

Exposure Conditions

Band	Band 5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	836.6 4183	TSL Conductivity [S/m]	0.948
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	10.14	Test Distance [mm]	10.00
Communication Configuration	UMTS-FDD (WCDMA)		

Hardware Setup

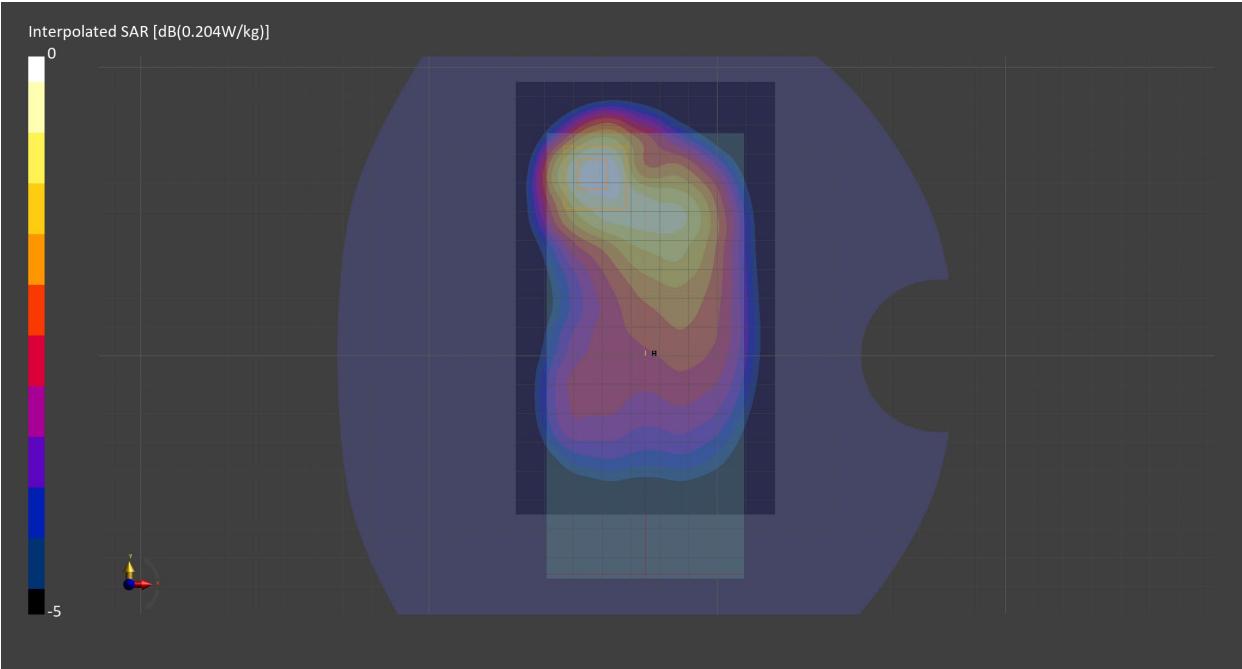
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	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]		16.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.175	0.176
psSAR10g [W/Kg]	0.116	0.105
Power Drift [dB]	n/a	-0.00



Measurement Report for Band 4, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.5 20175	TSL Conductivity [S/m]	1.37
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	RightHead HSL
Conversion Factor	9.11	Test Distance [mm]	0.00
Communication Configuration	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

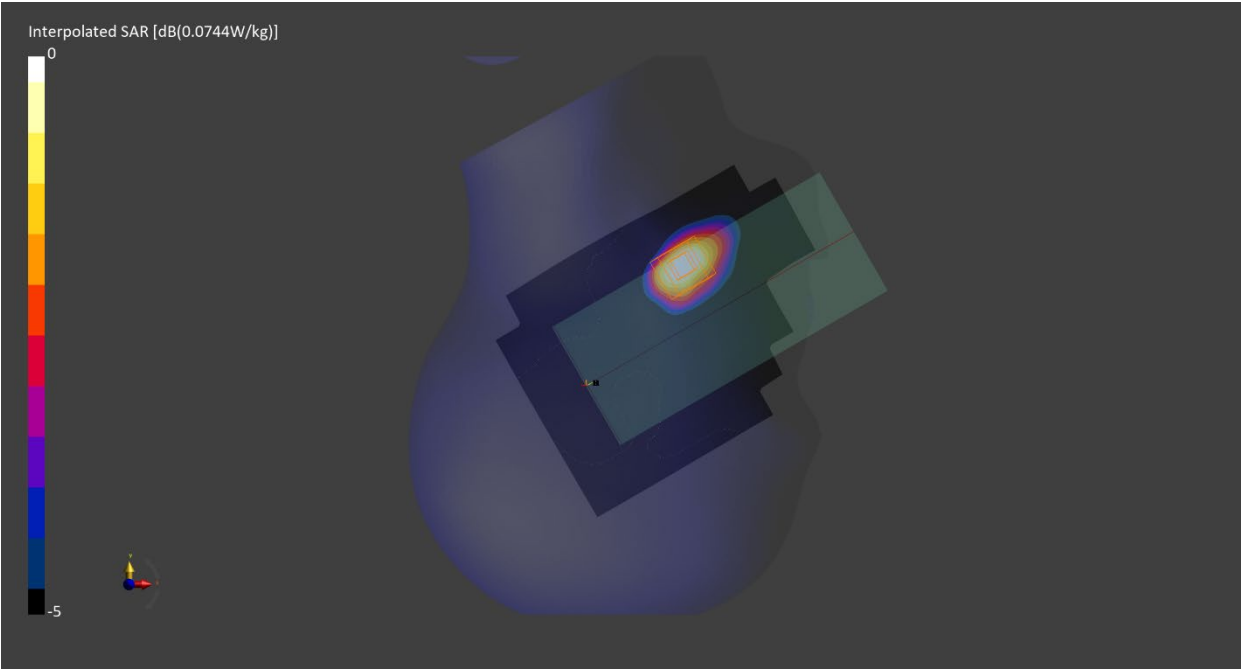
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans 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 [%]		93.7
Dist 3dB Peak [mm]		11.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.046	0.048
psSAR10g [W/Kg]	0.026	0.029
Power Drift [dB]	n/a	-0.05



Measurement Report for Band 4, BACK, Normal, CELL Main1

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.5 20175	TSL Conductivity [S/m]	1.37
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	9.11	Test Distance [mm]	10.00
Communication Configuration	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

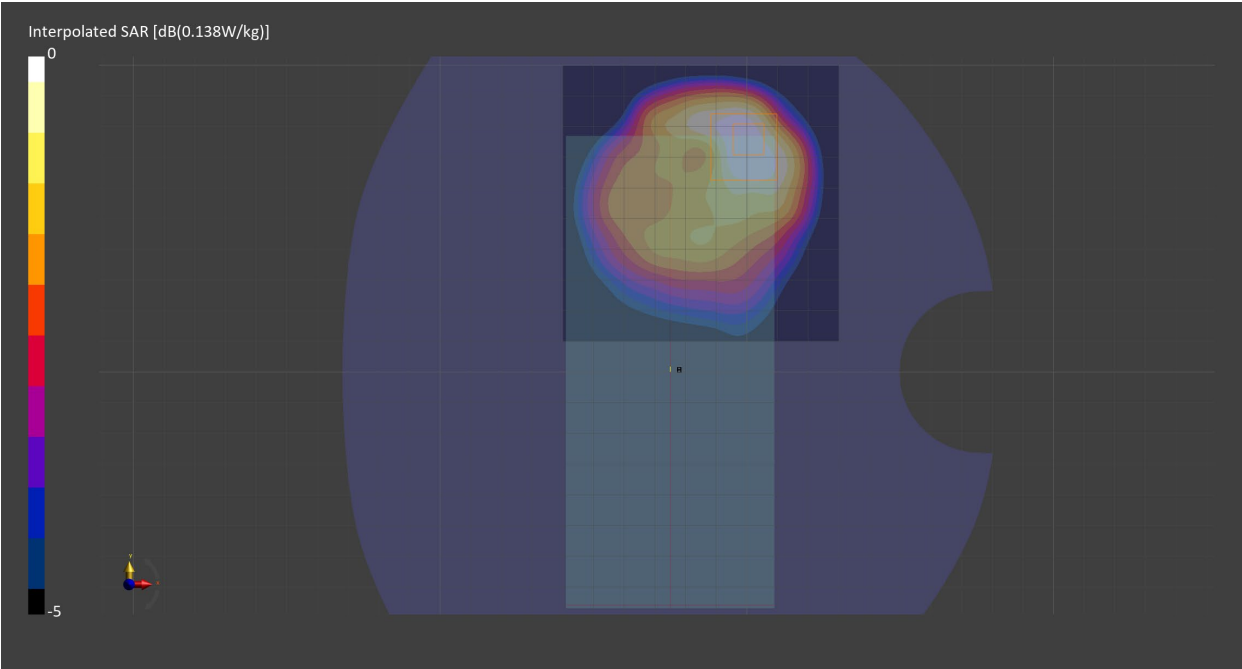
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2084
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		81.3
Dist 3dB Peak [mm]		11.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.116	0.126
psSAR10g [W/Kg]	0.071	0.073
Power Drift [dB]	n/a	-0.00



Measurement Report for Band 4, EDGE BOTTOM, Normal, CELL Main1

Exposure Conditions

Band	Band 4	TSL Permittivity	39.1
Frequency [MHz] Channel Number	1732.5 20175	TSL Conductivity [S/m]	1.37
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	9.11	Test Distance [mm]	10.00
Communication Configuration	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

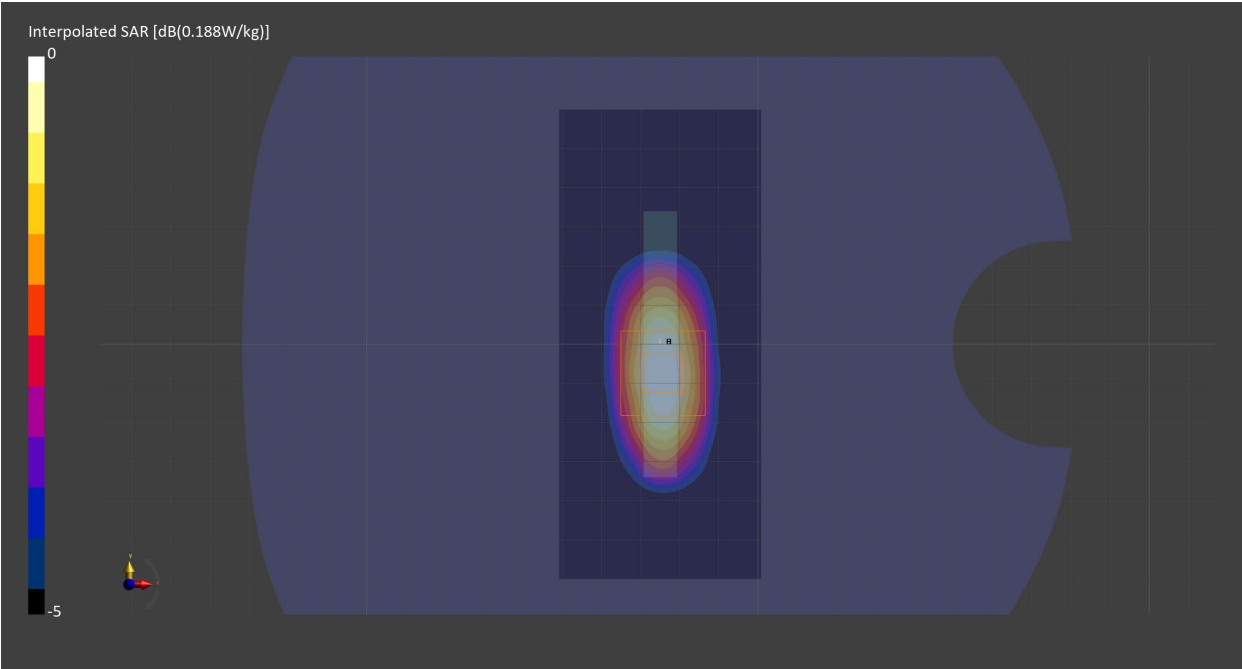
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.6 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 [%]		80.9
Dist 3dB Peak [mm]		12.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.153	0.155
psSAR10g [W/Kg]	0.085	0.087
Power Drift [dB]	n/a	-0.00



Measurement Report for Band 5, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	Band 5	TSL Permittivity	40.9
Frequency [MHz] Channel Number	836.5 20525	TSL Conductivity [S/m]	0.948
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	10.14	Test Distance [mm]	0.00
Communication Configuration	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO		

Hardware Setup

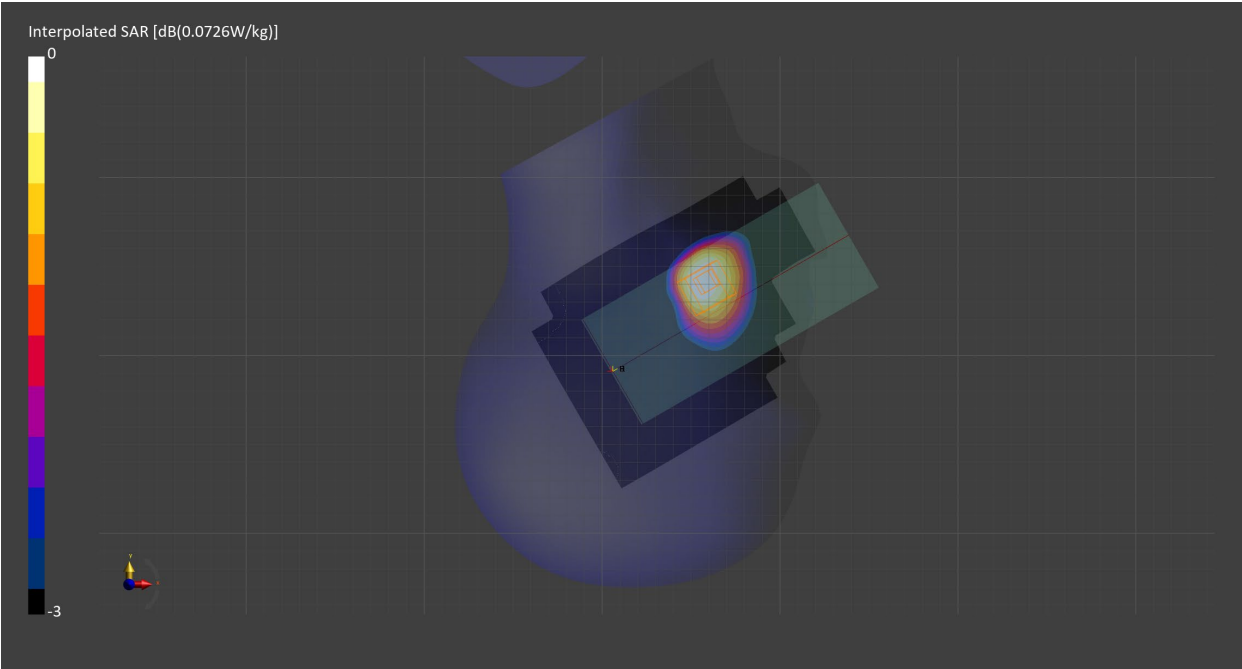
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2084
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans 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 [%]		95.3
Dist 3dB Peak [mm]		20.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.056	0.058
psSAR10g [W/Kg]	0.039	0.045
Power Drift [dB]	n/a	-0.00



Measurement Report for Band 5, BACK, Normal, CELL Main1

Exposure Conditions

Band	Band 5	TSL Permittivity	40.3
Frequency [MHz] Channel Number	836.5 20525	TSL Conductivity [S/m]	0.921
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	9.5	Test Distance [mm]	10.00
Communication Configuration	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO		

Hardware Setup

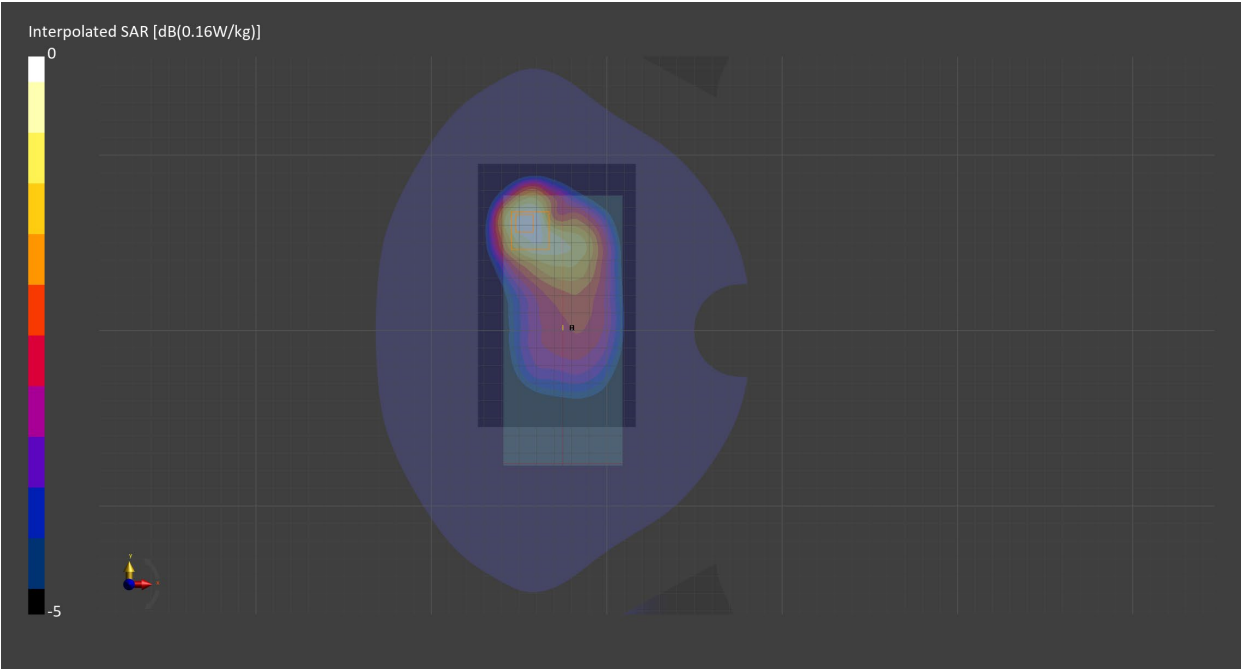
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	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 [%]		83.6
Dist 3dB Peak [mm]		15.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.138	0.141
psSAR10g [W/Kg]	0.092	0.086
Power Drift [dB]	n/a	0.03



Measurement Report for Band 12, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	Band 12	TSL Permittivity	41.3
Frequency [MHz] Channel Number	707.5 23095	TSL Conductivity [S/m]	0.897
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	10.65	Test Distance [mm]	0.00
Communication Configuration LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO			

Hardware Setup

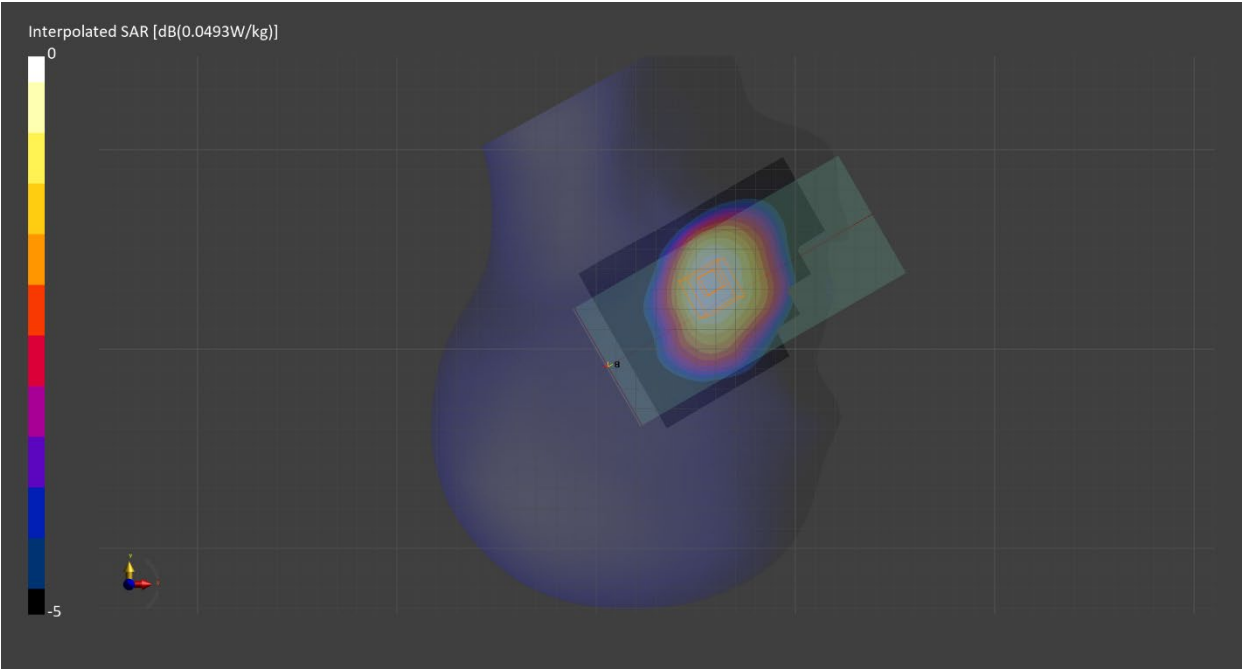
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2084
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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 [%]		94.0
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.043	0.046
psSAR10g [W/Kg]	0.030	0.035
Power Drift [dB]	n/a	0.01



Measurement Report for Band 12, BACK, Normal, CELL Main1

Exposure Conditions

Band	Band 12	TSL Permittivity	41.3
Frequency [MHz] Channel Number	707.5 23095	TSL Conductivity [S/m]	0.897
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.65	Test Distance [mm]	10.00
Communication Configuration	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

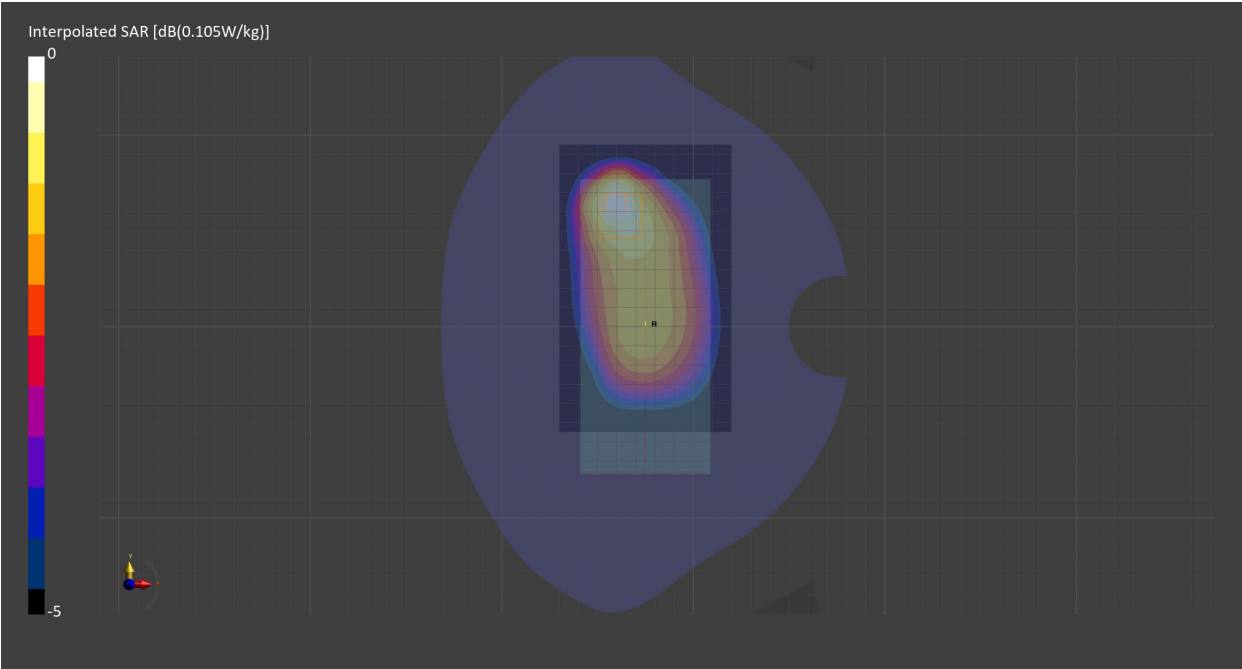
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	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]		16.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.090	0.088
psSAR10g [W/Kg]	0.060	0.056
Power Drift [dB]	n/a	-0.00



Measurement Report for Band 12, EDGE LEFT, Normal, CELL Main1

Exposure Conditions

Band	Band 12	TSL Permittivity	41.3
Frequency [MHz] Channel Number	707.5 23095	TSL Conductivity [S/m]	0.897
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.65	Test Distance [mm]	10.00
Communication Configuration	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

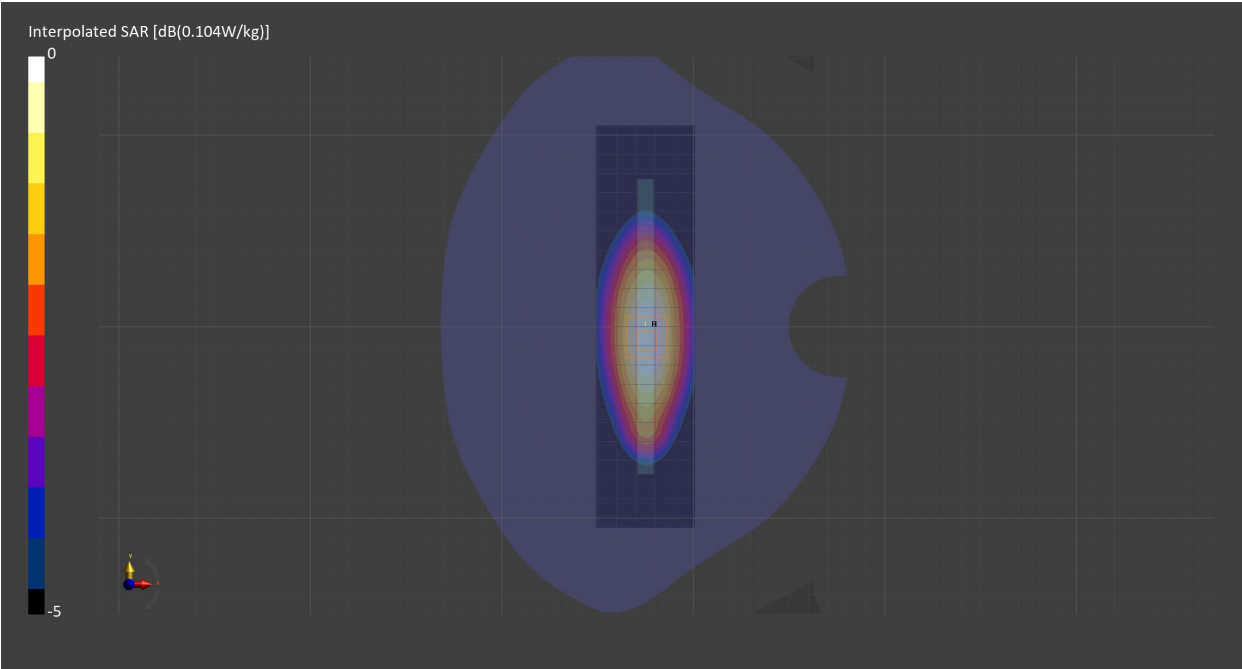
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.6 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 [%]		84.2
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.091	0.094
psSAR10g [W/Kg]	0.062	0.064
Power Drift [dB]	n/a	0.03



Measurement Report for Band 13, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	Band 13	TSL Permittivity	41.1
Frequency [MHz] Channel Number	782.0 23230	TSL Conductivity [S/m]	0.925
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	RightHead HSL
Conversion Factor	10.65	Test Distance [mm]	0.00
Communication Configuration	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

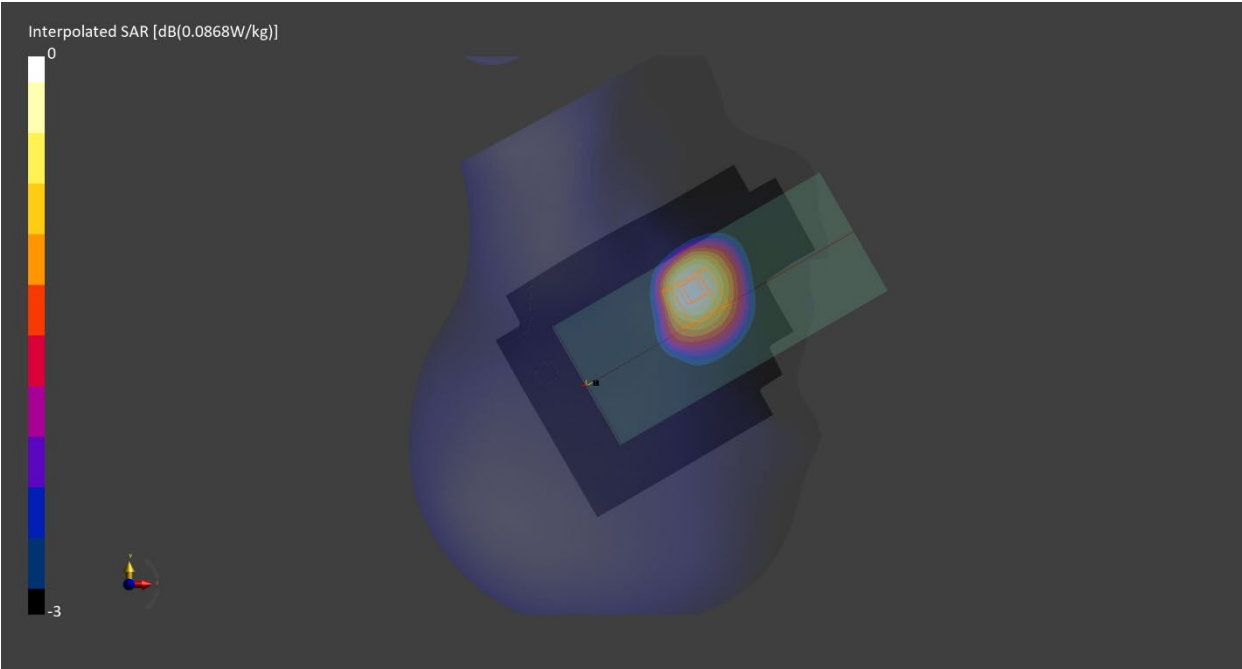
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans 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 [%]		93.8
Dist 3dB Peak [mm]		20.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.067	0.069
psSAR10g [W/Kg]	0.046	0.053
Power Drift [dB]	n/a	-0.01



Measurement Report for Band 13, BACK, Normal, CELL Main1

Exposure Conditions

Band	Band 13	TSL Permittivity	41.1
Frequency [MHz] Channel Number	782.0 23230	TSL Conductivity [S/m]	0.925
Group UID	LTE-FDD 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.65	Test Distance [mm]	10.00
Communication Configuration	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO		

Hardware Setup

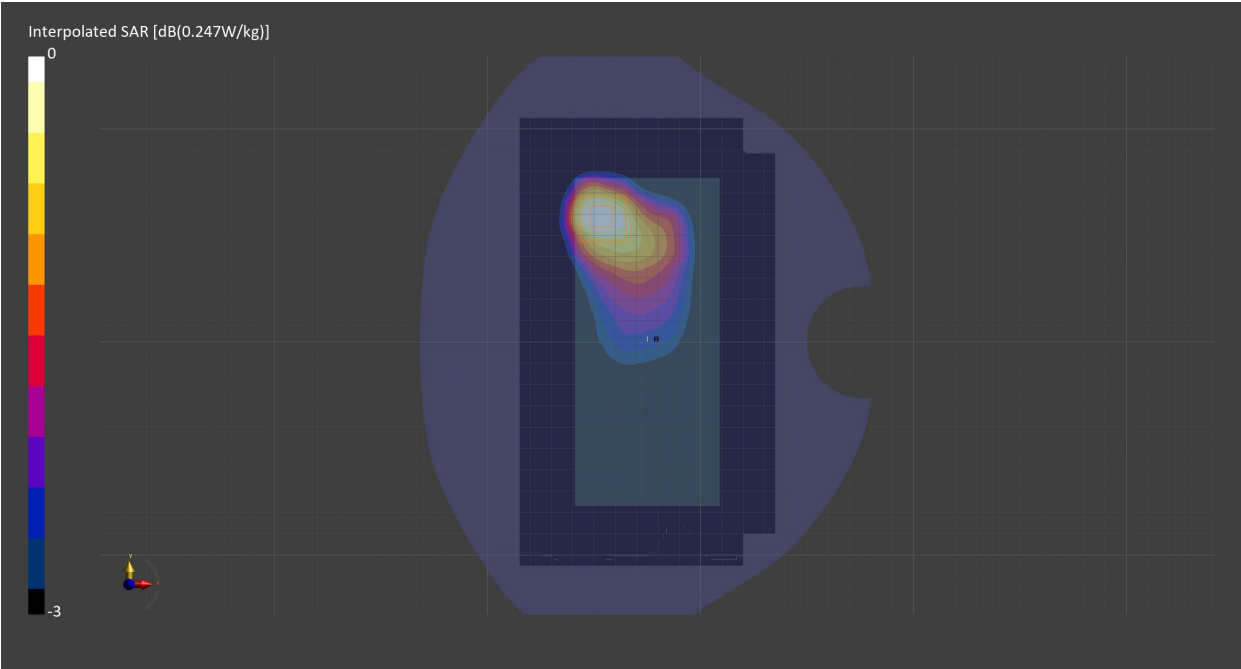
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DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Jul-10

Scans 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 [%]		83.3
Dist 3dB Peak [mm]		20.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.149	0.150
psSAR10g [W/Kg]	0.101	0.095
Power Drift [dB]	n/a	-0.01



Measurement Report for Band 41, CHEEK, Normal, CELL Main1

Exposure Conditions

Band	Band 41	TSL Permittivity	38.0
Frequency [MHz] Channel Number	2506.0 39750	TSL Conductivity [S/m]	1.85
Group UID	LTE-TDD 10435-AAG	Phantom Section TSL	RightHead HSL
Conversion Factor	7.67	Test Distance [mm]	0.00
Communication Configuration	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO		

Hardware Setup

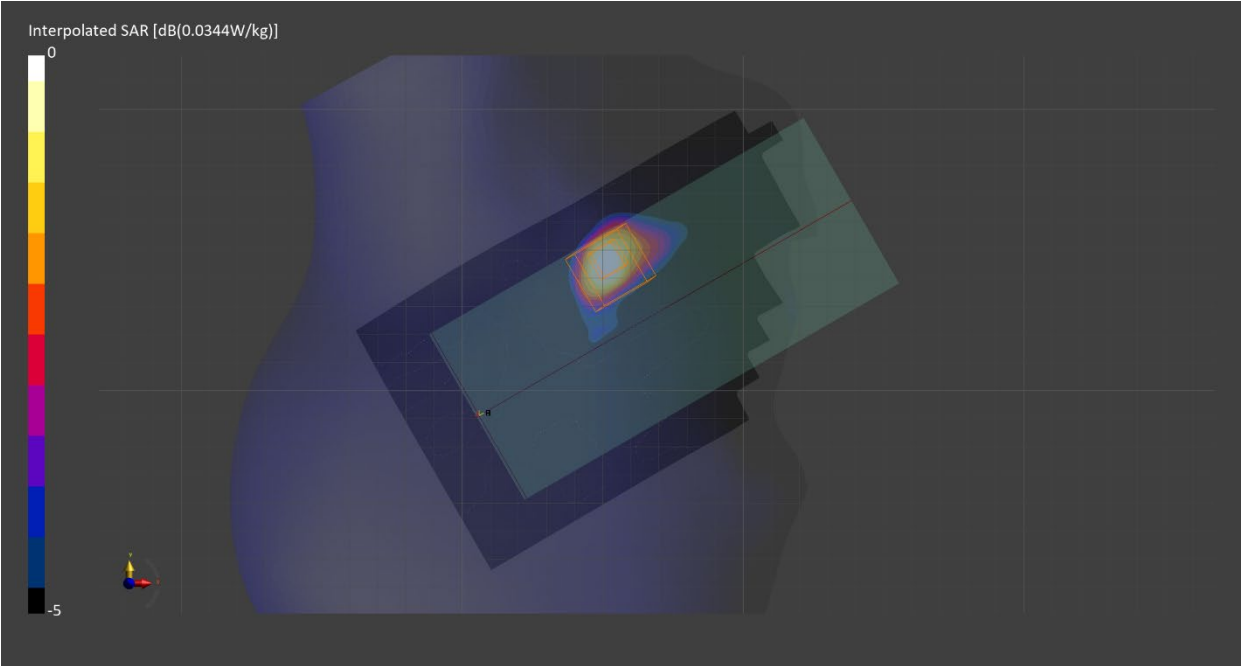
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2082
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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 [%]		86.3
Dist 3dB Peak [mm]		6.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.027	0.026
psSAR10g [W/Kg]	0.013	0.012
Power Drift [dB]	n/a	-0.12



Measurement Report for Band 41, BACK, Normal, CELL Main1

Exposure Conditions

Band	Band 41	TSL Permittivity	38.0
Frequency [MHz] Channel Number	2506.0 39750	TSL Conductivity [S/m]	1.85
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.67	Test Distance [mm]	10.00
Communication Configuration	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO		

Hardware Setup

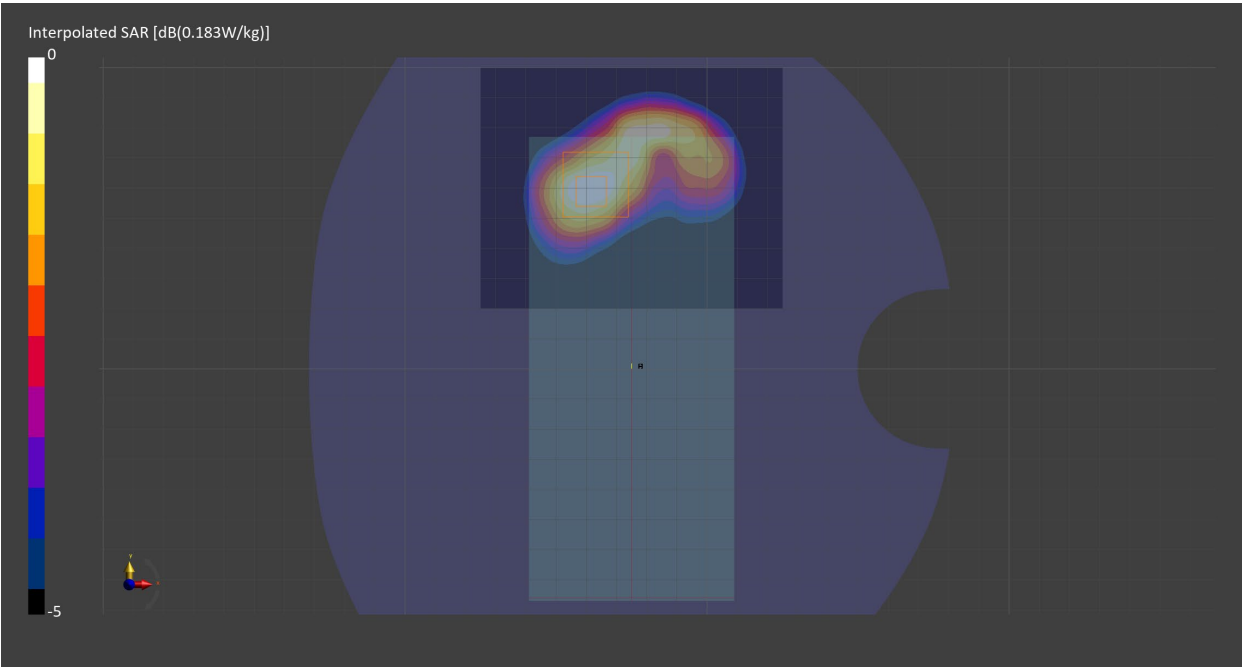
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 80.0	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]		14.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.147	0.149
psSAR10g [W/Kg]	0.078	0.082
Power Drift [dB]	n/a	-0.00



Measurement Report for Band 41, EDGE BOTTOM, Normal, CELL Main1

Exposure Conditions

Band	Band 41	TSL Permittivity	38.0
Frequency [MHz] Channel Number	2506.0 39750	TSL Conductivity [S/m]	1.85
Group UID	LTE-TDD 10494-AAG	Phantom Section TSL	Flat HSL
Conversion Factor	7.67	Test Distance [mm]	10.00
Communication Configuration	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO		

Hardware Setup

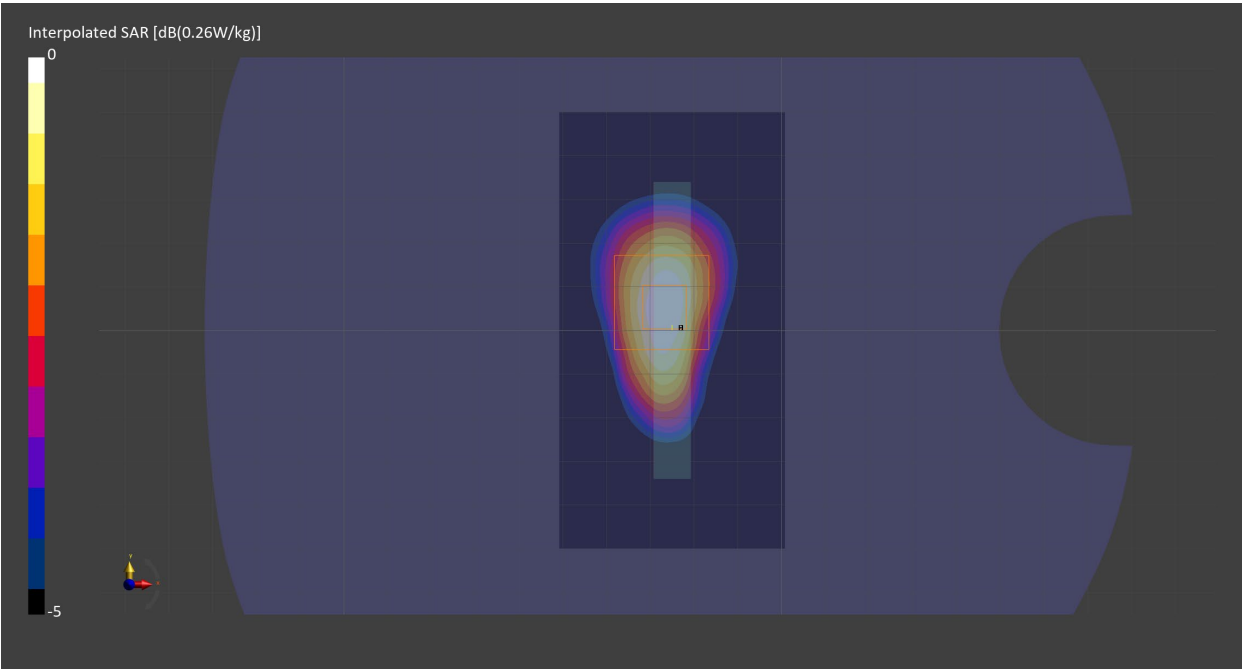
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.6 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]		11.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.203	0.206
psSAR10g [W/Kg]	0.105	0.107
Power Drift [dB]	n/a	-0.02



Measurement Report for WLAN 2.4GHz, CHEEK, Normal, WiFi Main

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.1
Frequency [MHz] Channel Number	2412.0 1	TSL Conductivity [S/m]	1.78
Group UID	WLAN 10012-CAB	Phantom Section TSL	RightHead HSL
Conversion Factor	7.97	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)		

Hardware Setup

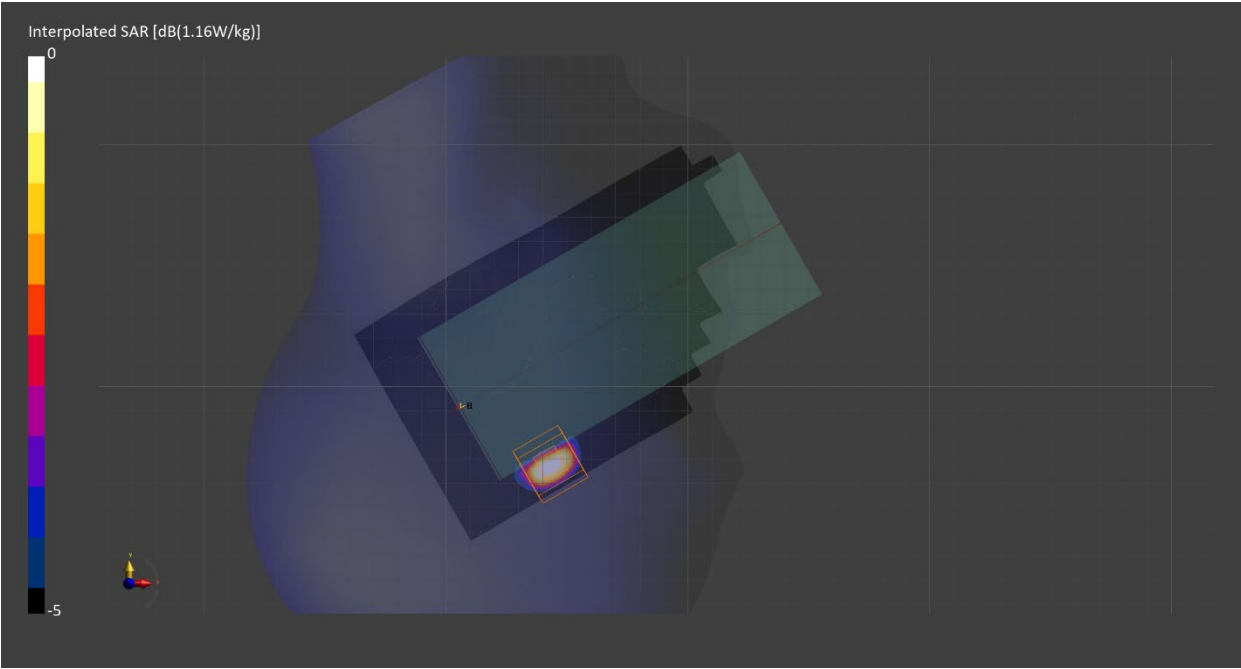
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		73.3
Dist 3dB Peak [mm]		4.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.418	0.437
psSAR10g [W/Kg]	0.159	0.158
Power Drift [dB]	n/a	-0.00



Measurement Report for WLAN 5GHz, EDGE LEFT, Normal, WiFi Main

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.4
Frequency [MHz] Channel Number	5795.0 159	TSL Conductivity [S/m]	5.18
Group UID	WLAN 10114-CAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.4	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)		

Hardware Setup

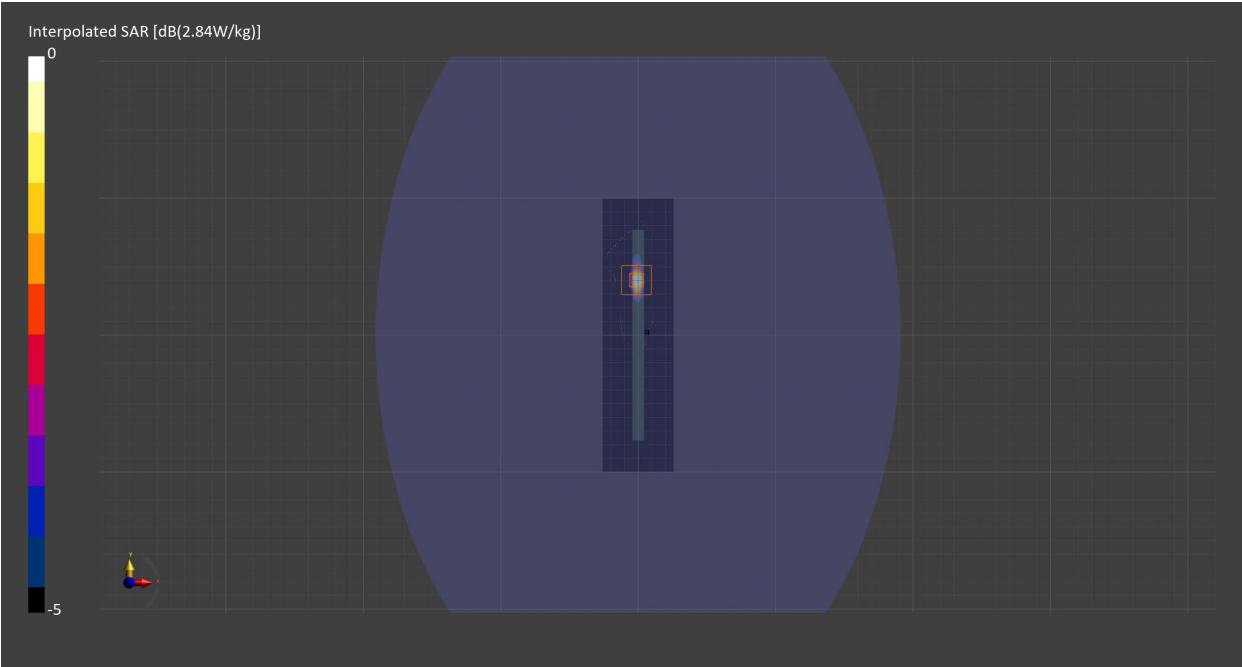
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DAE Calibration Date	DAE4 Sn1714 2022-11-23	TSL Meas. Date	HBBL-600-10000 2023-Jul-24

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.6 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.6 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		48.4
Dist 3dB Peak [mm]		4.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.62	1.80
psSAR10g [W/Kg]	0.398	0.396
Power Drift [dB]	n/a	-0.00



Measurement Report for ISM 2.4 GHz Band, CHEEK, Normal, WiFi Main

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	38.0
Frequency [MHz] Channel Number	2480.0 78	TSL Conductivity [S/m]	1.83
Group UID	Bluetooth 10030-CAA	Phantom Section TSL	RightHead HSL
Conversion Factor	7.97	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.15.1 Bluetooth (GFSK, DH1)		

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2082
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Jul-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		79.4
Dist 3dB Peak [mm]		4.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.250	0.257
psSAR10g [W/Kg]	0.093	0.092
Power Drift [dB]	n/a	-0.12

