

PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), CHEEK

Exposure Conditions

Band	PCS 1900	TSL Permittivity	41.3
Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.49
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.8	Test Distance [mm]	0.00

Hardware Setup

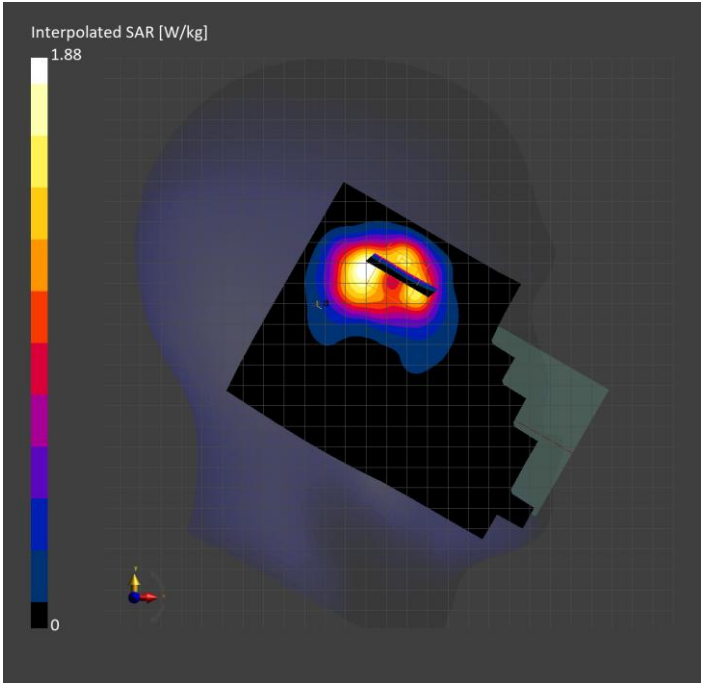
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		80.3
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		6.0
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.88, 49.7, 326.0, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.863
psSAR10g [W/Kg]	0.350	0.409
Power Drift [±0.2 dB]	N/A	-0.02



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	43.1
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.25
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

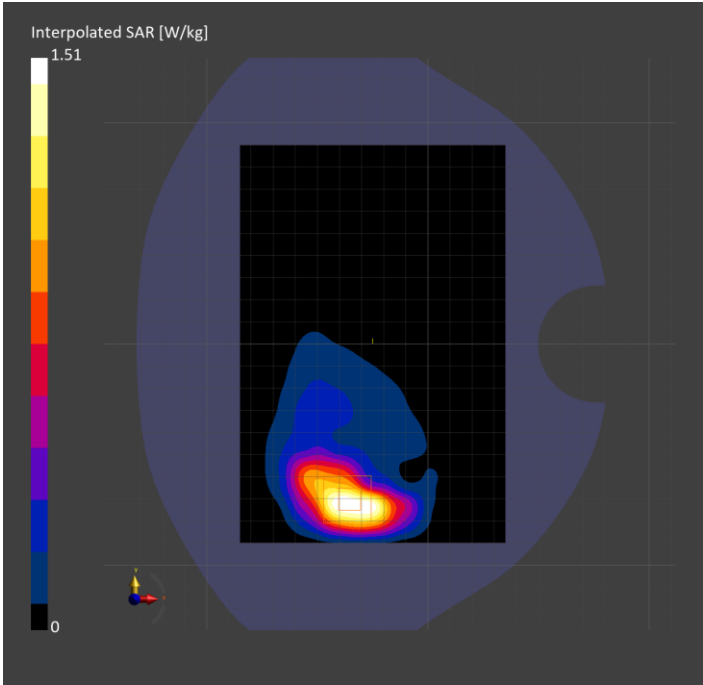
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [> 30%]		82.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		7.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.51, -35.4, -70.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.692	0.812
psSAR10g [W/Kg]	0.376	0.418
Power Drift [±0.2 dB]	N/A	0.00



Band n25: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n25	TSL Permittivity	42.9
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.33
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	10.00

Hardware Setup

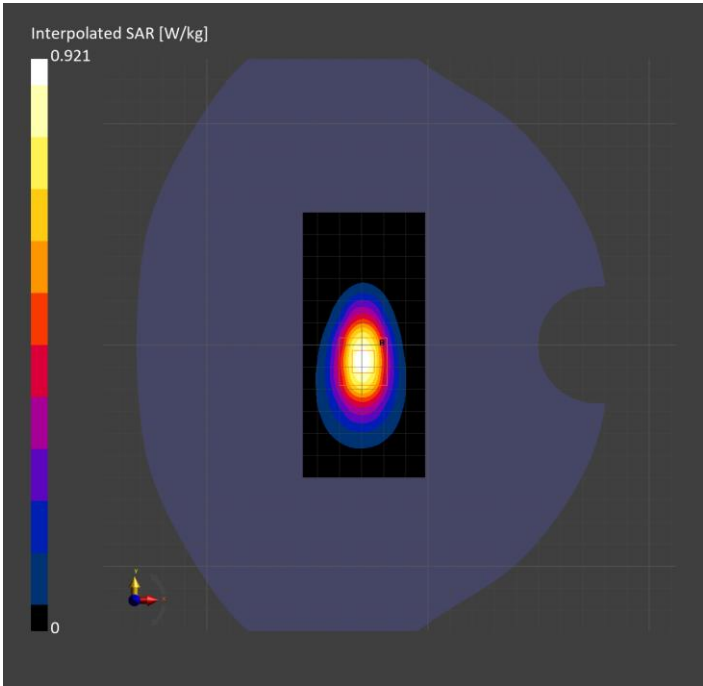
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 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 [> 30%]		86.0
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.921, -29.3, -7.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.515	0.532
psSAR10g [W/Kg]	0.265	0.279
Power Drift [±0.2 dB]	N/A	0.01



Custom Band: CW, FRONT

Exposure Conditions

Band	Custom Band	TSL Permittivity	43.2
Frequency [MHz] Channel Number	1610.200 1610200	TSL Conductivity [S/m]	1.18
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	8.8	Test Distance [mm]	0.00

Hardware Setup

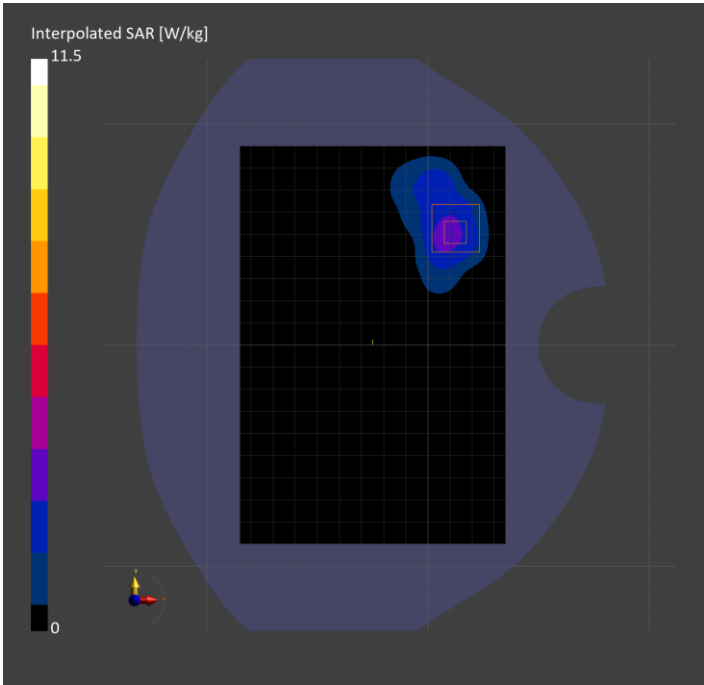
Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	31.5 x 31.5 x 31.2
Grid Steps [mm]	15.0 x 15.0	3.5 x 3.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		70.6
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		4.2
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	11.5, 12.3, 50.9, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.73	4.09
psSAR10g [W/Kg]	1.59	1.82
Power Drift [±0.2 dB]	N/A	-0.02



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Frequency [MHz] Channel Number	1909.800 810	TSL Conductivity [S/m]	1.49
Group UID	GSM 10024-DAC	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.8	Test Distance [mm]	0.00

Hardware Setup

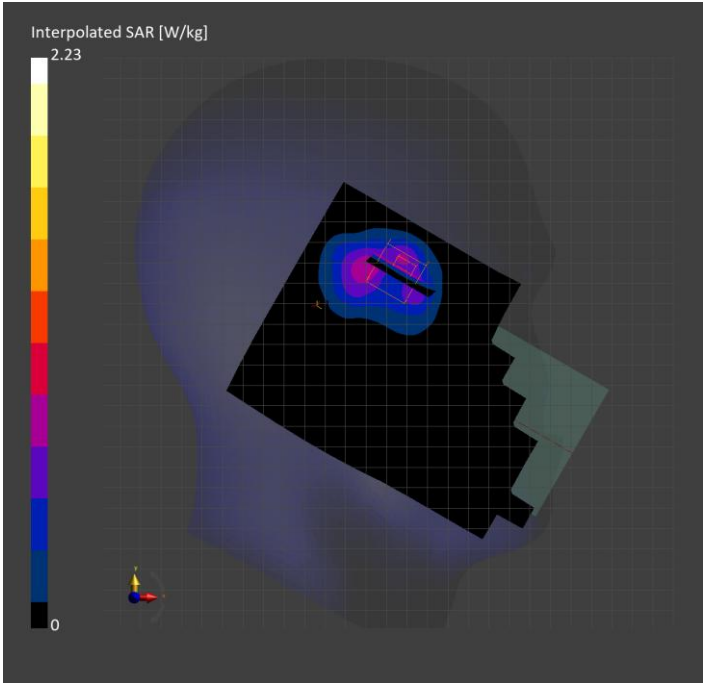
Probe Calibration Date	EX3DV4 - SN7656 2025-05-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1673 2025-05-12	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	35.7 x 35.7 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [> 30%]		78.4
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		5.3
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	2.23, 48.2, 327.3, -169.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.692	0.985
psSAR10g [W/Kg]	0.379	0.461
Power Drift [±0.2 dB]	N/A	-0.04



Band 4: UMTS-FDD (WCDMA), BACK

Exposure Conditions

Band	Band 4	TSL Permittivity	43.1
Frequency [MHz] Channel Number	1732.600 1413	TSL Conductivity [S/m]	1.25
Group UID	WCDMA 10011-CAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.67	Test Distance [mm]	5.00

Hardware Setup

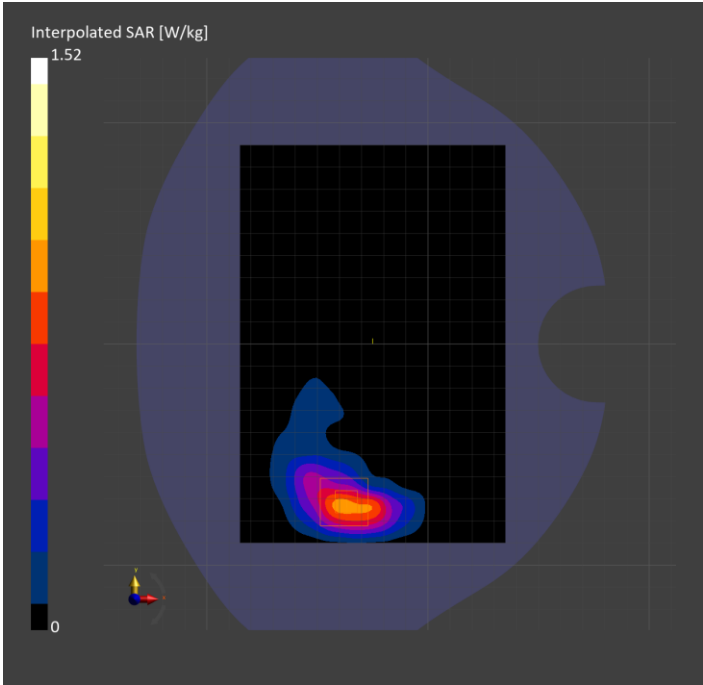
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DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 31.2
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 [> 30%]		85.8
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		8.1
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.53, -36.9, -71.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.765	0.855
psSAR10g [W/Kg]	0.409	0.453
Power Drift [±0.2 dB]	N/A	0.00



Band n25: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low

AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n25	TSL Permittivity	42.9
Frequency [MHz] Channel Number	1882.500 376500	TSL Conductivity [S/m]	1.33
Group UID	5G NR FR1 FDD 10934-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	8.27	Test Distance [mm]	10.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7356 2025-03-10	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2025-03-10	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	47.4 x 120.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	7.9 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 [> 30%]		85.5
Dist 3dB Peak [> Grid Steps Δx, Δy mm]		9.6
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	1.06, -31.1, -6.5, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.603	0.626
psSAR10g [W/Kg]	0.311	0.334
Power Drift [±0.2 dB]	N/A	0.07

