

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

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	40.5
Frequency [MHz] / Channel Number	836.6 / 190	TSL Conductivity [S/m]	0.982
Group / UID	GSM / 10024-DAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.15	Test Distance [mm]	0.00

DASY Configuration

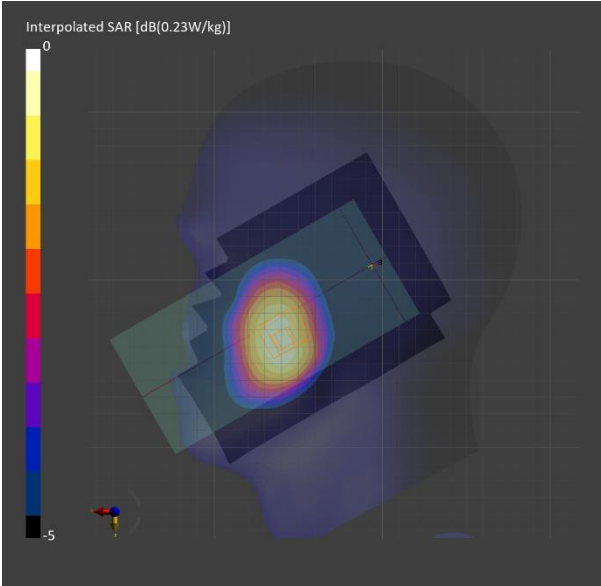
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.182	0.194
psSAR10g [W/Kg]	0.126	0.155
Power Drift [dB]		0.11
Dist 3dB Peak [mm]		21.4
M2/M1 [%]		95.1



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

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

Exposure Conditions

Band	GSM 850	TSL Permittivity	42.9
Frequency [MHz] / Channel Number	848.800 / 251	TSL Conductivity [S/m]	0.947
Group / UID	GSM / 10024-DAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.15	Test Distance [mm]	5.00

DASY Configuration

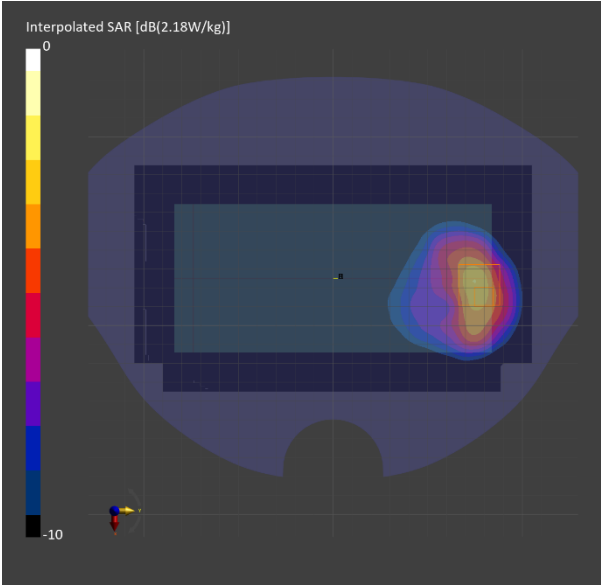
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.02	1.05
psSAR10g [W/Kg]	0.634	0.576
Power Drift [dB]		0.02
Dist 3dB Peak [mm]		8.4
M2/M1 [%]		77.2



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), TILT

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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.0
Frequency [MHz] / Channel Number	1880.0 / 661	TSL Conductivity [S/m]	1.39
Group / UID	GSM / 10028-DAC	Phantom Section / TSL	LeftHead / HSL
Conversion Factor	7.85	Test Distance [mm]	0.00

DASY Configuration

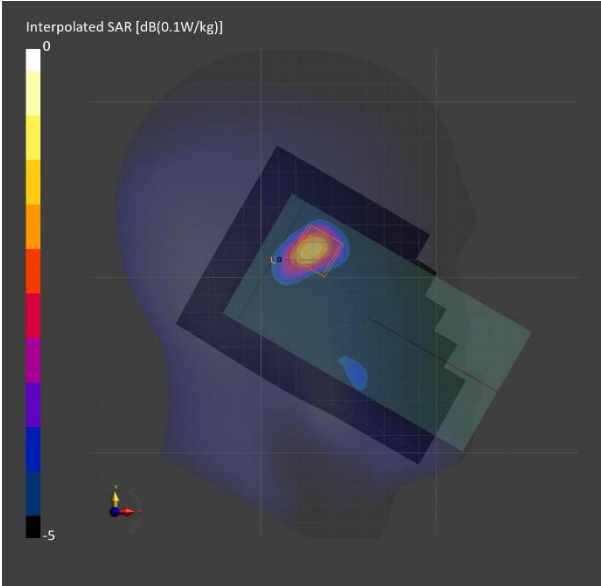
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.059	0.059
psSAR10g [W/Kg]	0.033	0.039
Power Drift [dB]		-0.06
Dist 3dB Peak [mm]		12.4
M2/M1 [%]		95.6



PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1), BACK
Room Ambient Temperature: 23.0°C, Liquid Temperature: 22.0°C

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.7
Frequency [MHz] / Channel Number	1850.2 / 512	TSL Conductivity [S/m]	1.35
Group / UID	GSM / 10024-DAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.61	Test Distance [mm]	5.00

DASY Configuration

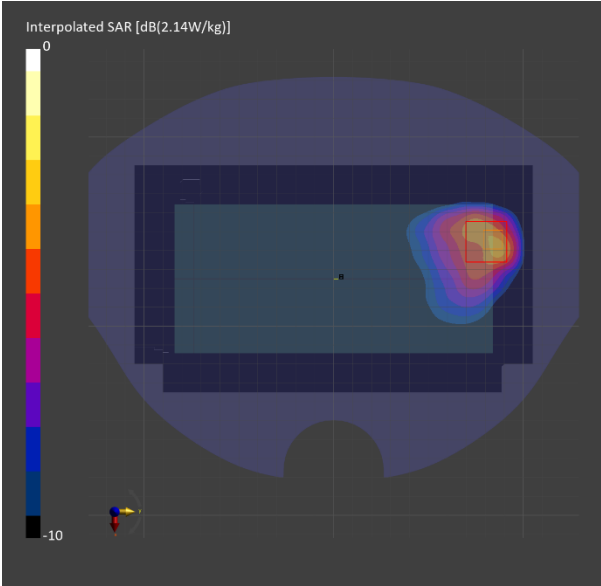
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.863	1.05
psSAR10g [W/Kg]	0.498	0.534
Power Drift [dB]		0.00
Dist 3dB Peak [mm]		8.1
M2/M1 [%]		79.0



Band 5: UMTS-FDD (WCDMA), CHEEK

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

Exposure Conditions

Band	Band 5	TSL Permittivity	43.2
Frequency [MHz] / Channel Number	836.600 / 4183	TSL Conductivity [S/m]	0.873
Group / UID	WCDMA / 10011-CAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.15	Test Distance [mm]	0.00

DASY Configuration

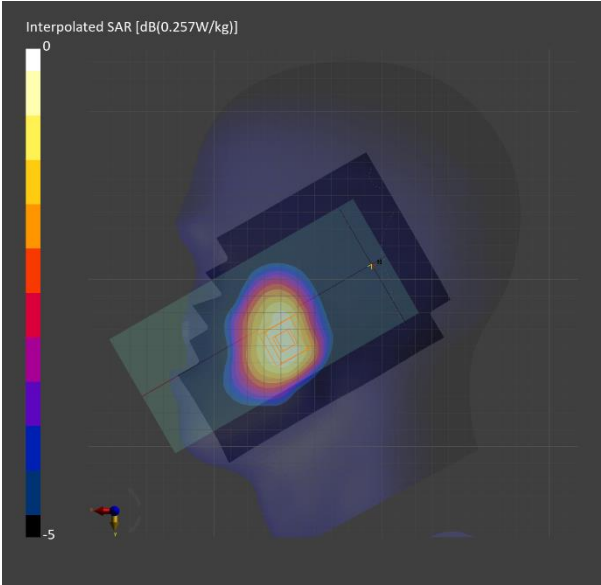
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.204	0.210
psSAR10g [W/Kg]	0.142	0.166
Power Drift [dB]		0.05
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		94.0



Band 5: UMTS-FDD (WCDMA), BACK

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

Exposure Conditions

Band	Band 5	TSL Permittivity	42.4
Frequency [MHz] / Channel Number	846.600 / 4233	TSL Conductivity [S/m]	0.942
Group / UID	WCDMA / 10011-CAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.15	Test Distance [mm]	5.00

DASY Configuration

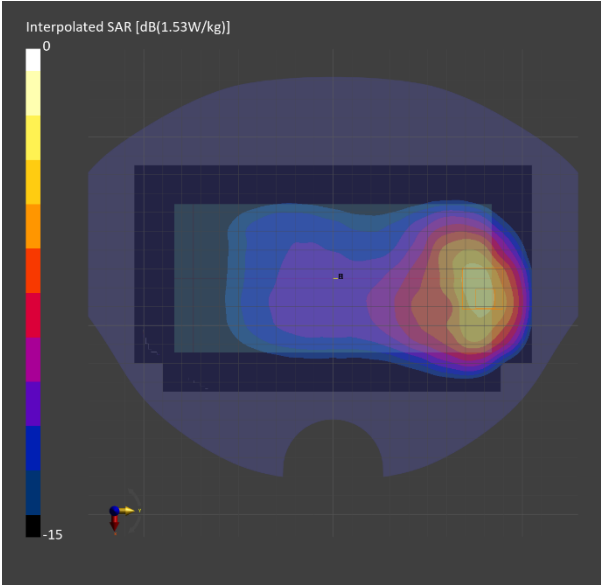
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.696	0.739
psSAR10g [W/Kg]	0.435	0.402
Power Drift [dB]		0.17
Dist 3dB Peak [mm]		8.4
M2/M1 [%]		79.3



Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK), CHEEK

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

Exposure Conditions

Band	Band 2	TSL Permittivity	41.7
Frequency [MHz] / Channel Number	1880.000 / 18900	TSL Conductivity [S/m]	1.43
Group / UID	LTE-FDD / 10169-CAF	Phantom Section / TSL	RightHead / HSL
Conversion Factor	7.61	Test Distance [mm]	0.00

DASY Configuration

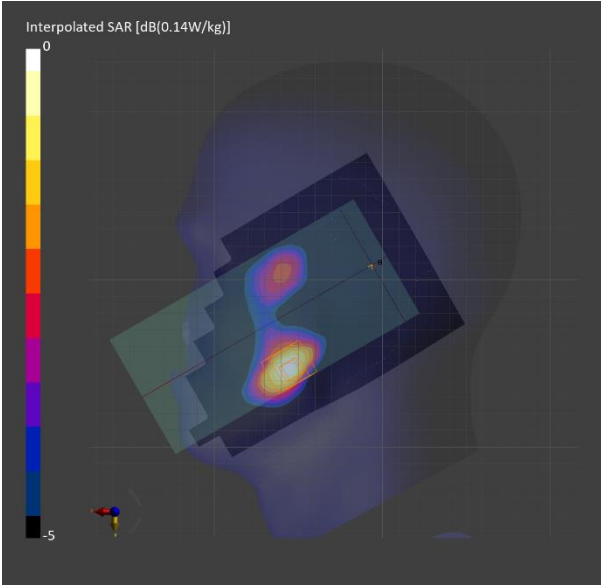
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.108	0.100
psSAR10g [W/Kg]	0.059	0.065
Power Drift [dB]		-0.10
Dist 3dB Peak [mm]		9.6
M2/M1 [%]		92.3



Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK), BACK

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

Exposure Conditions

Band	Band 2	TSL Permittivity	40.7
Frequency [MHz] / Channel Number	1900.000 / 19100	TSL Conductivity [S/m]	1.41
Group / UID	LTE-FDD / 10169-CAF	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.61	Test Distance [mm]	5.00

DASY Configuration

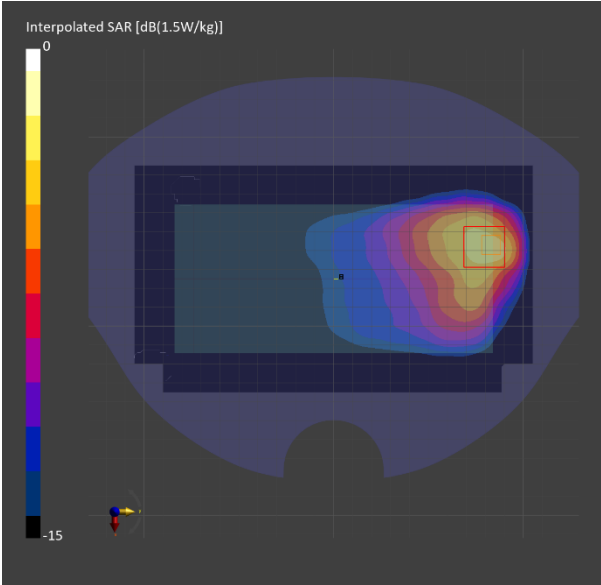
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DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.607	0.763
psSAR10g [W/Kg]	0.359	0.394
Power Drift [dB]		-0.06
Dist 3dB Peak [mm]		8.1
M2/M1 [%]		80.3



Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), BACK

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

Exposure Conditions

Band	Band 5	TSL Permittivity	43.2
Frequency [MHz] / Channel Number	836.500 / 20525	TSL Conductivity [S/m]	0.889
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.15	Test Distance [mm]	5.00

DASY Configuration

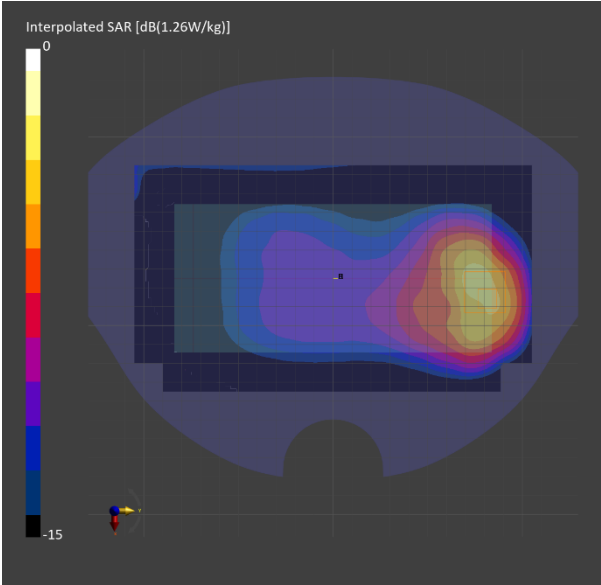
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DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.563	0.611
psSAR10g [W/Kg]	0.357	0.334
Power Drift [dB]		0.10
Dist 3dB Peak [mm]		8.8
M2/M1 [%]		79.7



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), CHEEK

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

Exposure Conditions

Band	Band 12	TSL Permittivity	40.4
Frequency [MHz] / Channel Number	707.500 / 23095	TSL Conductivity [S/m]	0.873
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.36	Test Distance [mm]	0.00

DASY Configuration

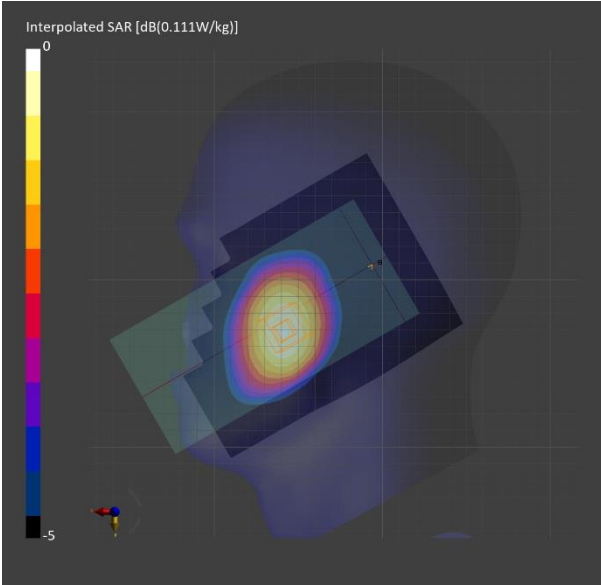
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.089	0.096
psSAR10g [W/Kg]	0.063	0.077
Power Drift [dB]		-0.03
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		97.2



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK), BACK

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

Exposure Conditions

Band	Band 12	TSL Permittivity	40.4
Frequency [MHz] / Channel Number	707.500 / 23095	TSL Conductivity [S/m]	0.873
Group / UID	LTE-FDD / 10175-CAH	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.36	Test Distance [mm]	5.00

DASY Configuration

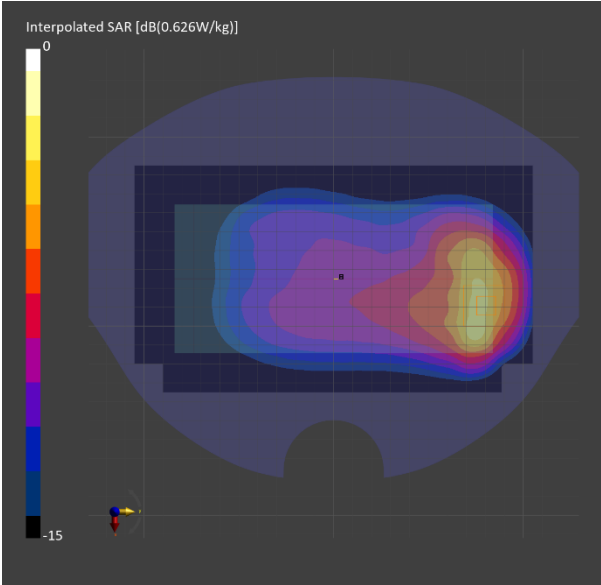
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DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.253	0.280
psSAR10g [W/Kg]	0.164	0.149
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		8.4
M2/M1 [%]		74.2



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

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

Exposure Conditions

Band	Band 26	TSL Permittivity	43.2
Frequency [MHz] / Channel Number	831.500 / 26865	TSL Conductivity [S/m]	0.871
Group / UID	LTE-FDD / 10181-CAF	Phantom Section / TSL	RightHead / HSL
Conversion Factor	9.15	Test Distance [mm]	0.00

DASY Configuration

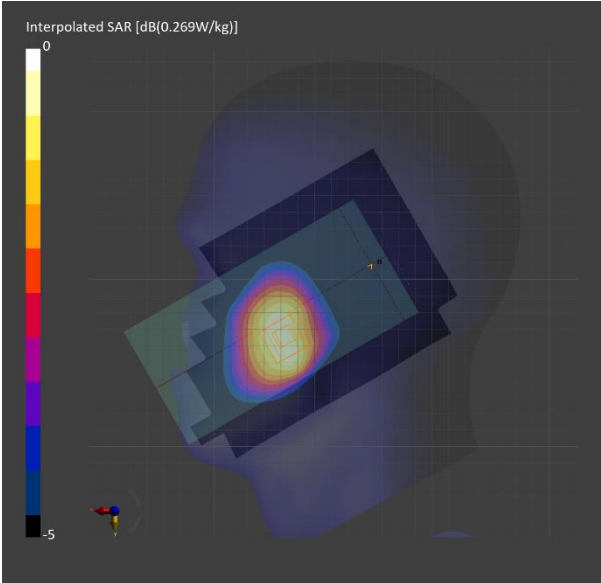
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DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.212	0.220
psSAR10g [W/Kg]	0.146	0.175
Power Drift [dB]		0.05
Dist 3dB Peak [mm]		> 15.0
M2/M1 [%]		94.0



Band 26: LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK), BACK

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

Exposure Conditions

Band	Band 26	TSL Permittivity	43.2
Frequency [MHz] / Channel Number	831.500 / 26865	TSL Conductivity [S/m]	0.887
Group / UID	LTE-FDD / 10160-CAF	Phantom Section / TSL	Flat / HSL
Conversion Factor	9.15	Test Distance [mm]	5.00

DASY Configuration

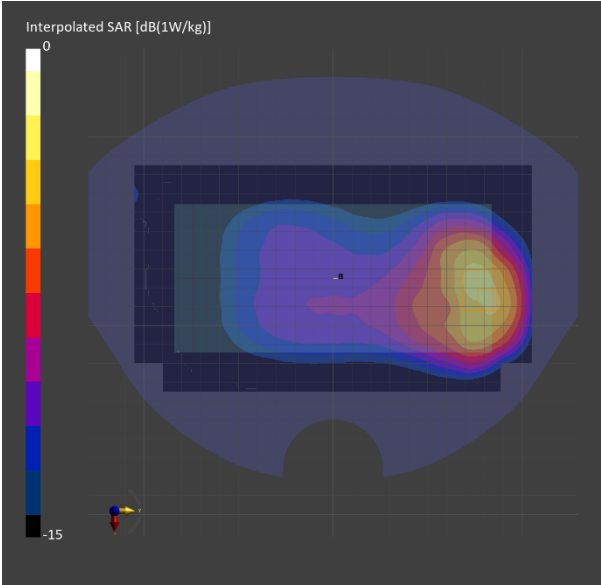
Probe Calibration Date	EX3DV4 - SN3871 2024-09-04	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1468 2024-08-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.451	0.486
psSAR10g [W/Kg]	0.286	0.265
Power Drift [dB]		0.13
Dist 3dB Peak [mm]		8.1
M2/M1 [%]		79.6



Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9), CHEEK

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

Exposure Conditions

Band	Band 41	TSL Permittivity	38.2
Frequency [MHz] / Channel Number	2593.000 / 40620	TSL Conductivity [S/m]	1.96
Group / UID	LTE-TDD / 10435-AAG	Phantom Section / TSL	LeftHead / HSL
Conversion Factor	7.28	Test Distance [mm]	0.00

DASY Configuration

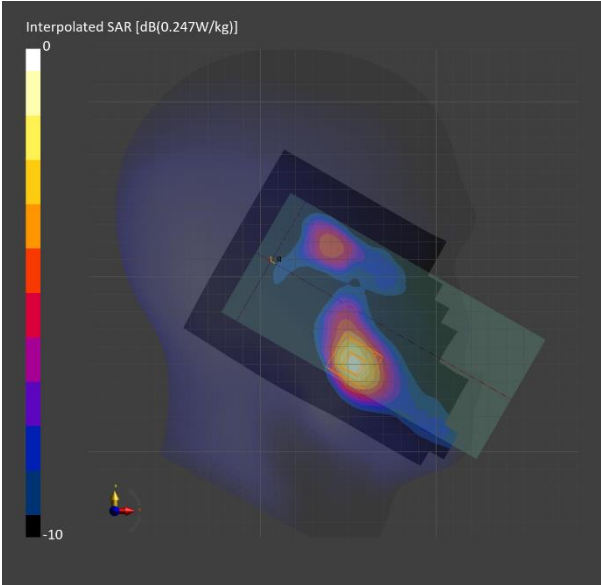
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.149	0.148
psSAR10g [W/Kg]	0.073	0.076
Power Drift [dB]		0.04
Dist 3dB Peak [mm]		10.6
M2/M1 [%]		84.3



Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid
AntennaCfg:SISO, BACK

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

Exposure Conditions

Band	Band 41	TSL Permittivity	39.0
Frequency [MHz] / Channel Number	2680.000 / 41490	TSL Conductivity [S/m]	2.02
Group / UID	LTE-TDD / 10435-AAG	Phantom Section / TSL	Flat / Head Simulating Liquid
Conversion Factor	7.28	Test Distance [mm]	5.00

DASY Configuration

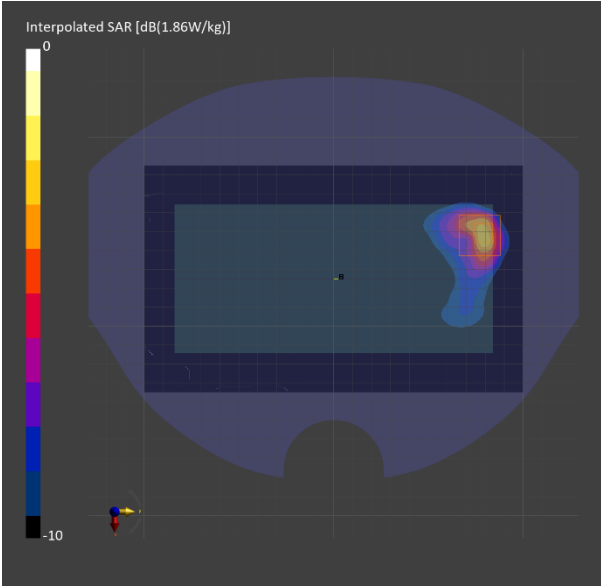
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DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.716	0.757
psSAR10g [W/Kg]	0.321	0.314
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		7.1
M2/M1 [%]		75.6



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK), CHEEK

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

Exposure Conditions

Band	Band 66	TSL Permittivity	42.0
Frequency [MHz] / Channel Number	1720.000 / 132072	TSL Conductivity [S/m]	1.33
Group / UID	LTE-FDD / 10169-CAF	Phantom Section / TSL	RightHead / HSL
Conversion Factor	7.94	Test Distance [mm]	0.00

DASY Configuration

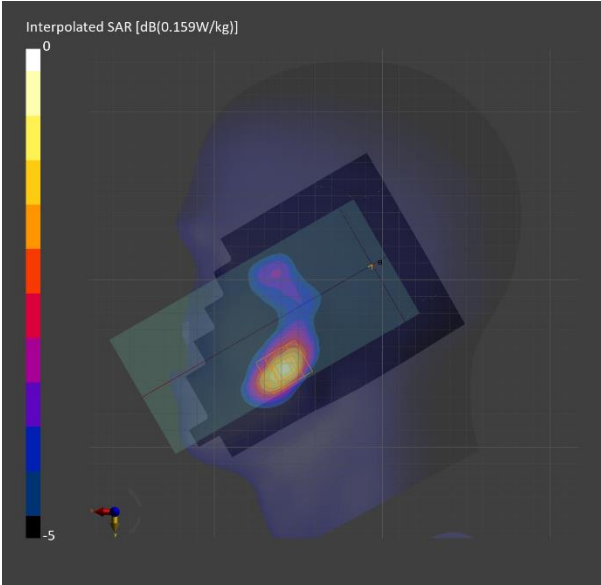
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.107	0.113
psSAR10g [W/Kg]	0.061	0.071
Power Drift [dB]		-0.13
Dist 3dB Peak [mm]		11.8
M2/M1 [%]		90.1



Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK), BACK

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

Exposure Conditions

Band	Band 66	TSL Permittivity	41.9
Frequency [MHz] / Channel Number	1770.000 / 132572	TSL Conductivity [S/m]	1.36
Group / UID	LTE-FDD / 10169-CAF	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.94	Test Distance [mm]	5.00

DASY Configuration

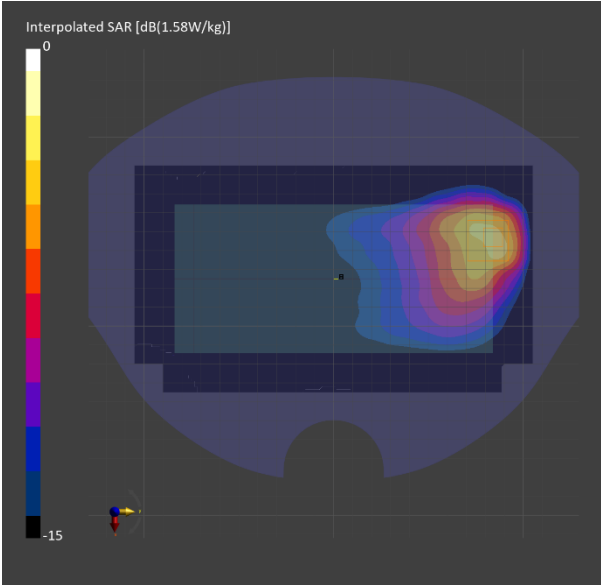
Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.642	0.786
psSAR10g [W/Kg]	0.374	0.400
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		7.3
M2/M1 [%]		79.4



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

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

Exposure Conditions

Band	Band n5	TSL Permittivity	41.6
Frequency [MHz] / Channel Number	836.500 / 167300	TSL Conductivity [S/m]	0.921
Group / UID	5G NR FR1 FDD / 10939-AAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	8.47	Test Distance [mm]	0.00

DASY Configuration

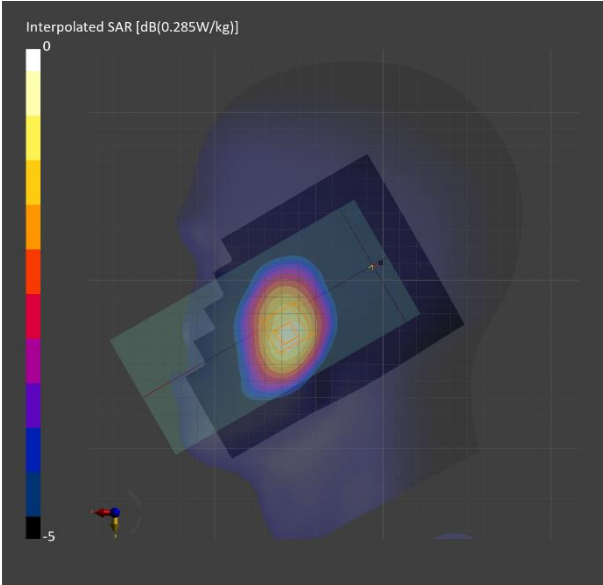
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	3.5 x 3.5 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.218	0.227
psSAR10g [W/Kg]	0.149	0.174
Power Drift [dB]		-0.00
Dist 3dB Peak [mm]		22.1
M2/M1 [%]		95.9



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

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

Exposure Conditions

Band	Band n5	TSL Permittivity	41.1
Frequency [MHz] / Channel Number	836.500 / 167300	TSL Conductivity [S/m]	0.931
Group / UID	5G NR FR1 FDD / 10939-AAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	8.47	Test Distance [mm]	5.00

DASY Configuration

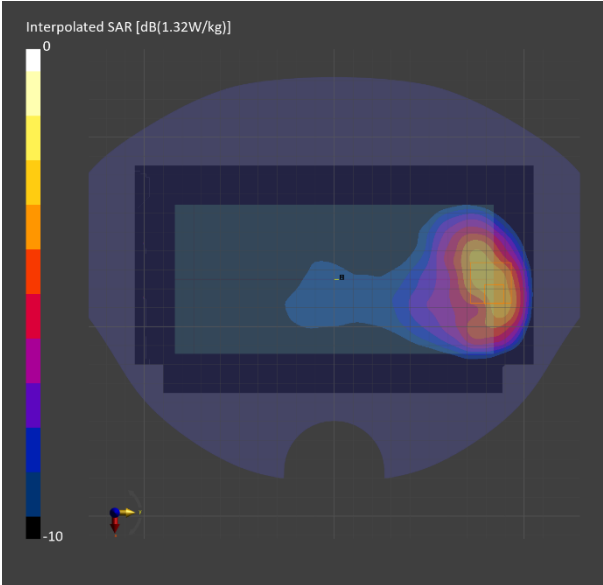
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.610	0.666
psSAR10g [W/Kg]	0.403	0.369
Power Drift [dB]		-0.04
Dist 3dB Peak [mm]		9.6
M2/M1 [%]		79.9



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

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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.6
Frequency [MHz] / Channel Number	2437.000 / 6	TSL Conductivity [S/m]	1.83
Group / UID	WLAN / 10415-AAA	Phantom Section / TSL	RightHead / HSL
Conversion Factor	7.48	Test Distance [mm]	0.00

DASY Configuration

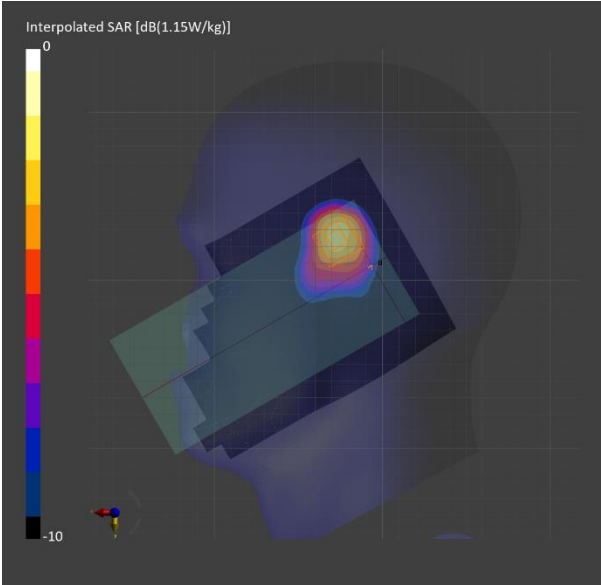
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.598	0.615
psSAR10g [W/Kg]	0.319	0.318
Power Drift [dB]		0.01
Dist 3dB Peak [mm]		13.4
M2/M1 [%]		82.6



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

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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.6
Frequency [MHz] / Channel Number	2437.000 / 6	TSL Conductivity [S/m]	1.83
Group / UID	WLAN / 10415-AAA	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.48	Test Distance [mm]	5.00

DASY Configuration

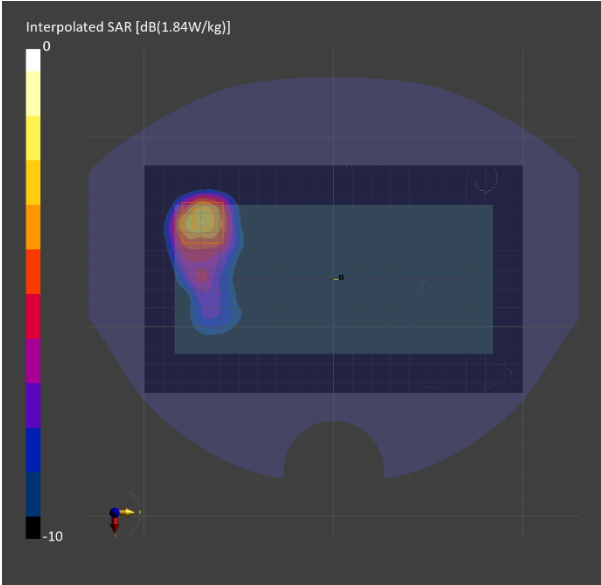
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.821	0.840
psSAR10g [W/Kg]	0.413	0.400
Power Drift [dB]		-0.05
Dist 3dB Peak [mm]		9.5
M2/M1 [%]		77.5



U-NII-1, U-NII-2A: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), CHEEK

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

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	35.6
Frequency [MHz] / Channel Number	5290.000 / 58	TSL Conductivity [S/m]	4.69
Group / UID	WLAN / 10626-AAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	5.0	Test Distance [mm]	0.00

DASY Configuration

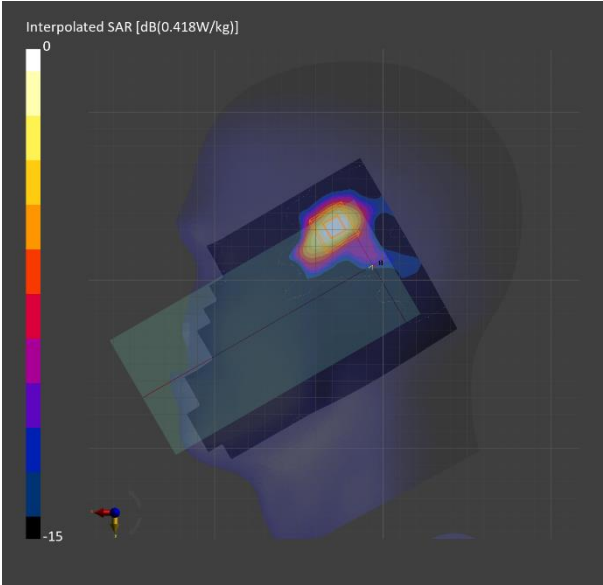
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.265	0.292
psSAR10g [W/Kg]	0.086	0.086
Power Drift [dB]		-0.06
Dist 3dB Peak [mm]		7.2
M2/M1 [%]		64.9



U-NII-1, U-NII-2A: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle), BACK

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

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	35.6
Frequency [MHz] / Channel Number	5300.0 / 60	TSL Conductivity [S/m]	4.70
Group / UID	WLAN / 10583-AAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	5.0	Test Distance [mm]	5.00

DASY Configuration

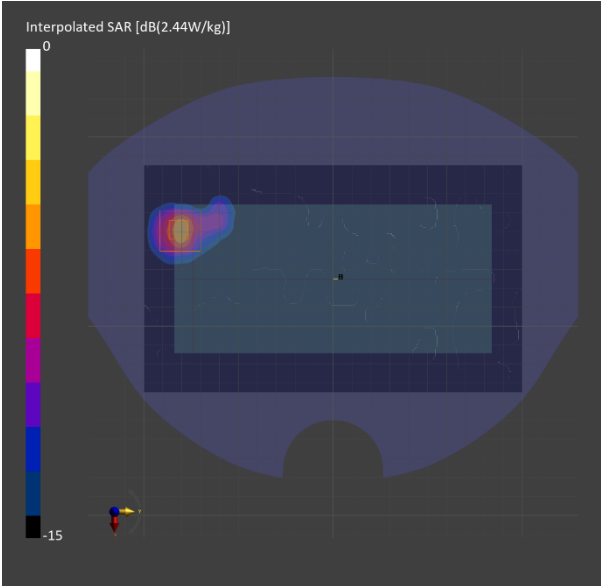
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DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.487	0.578
psSAR10g [W/Kg]	0.159	0.163
Power Drift [dB]		-0.17
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		60.2



U-NII-2C < 5.65 GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), CHEEK

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

Exposure Conditions

Band	U-NII-2C < 5.65 GHz	TSL Permittivity	35.1
Frequency [MHz] / Channel Number	5610.000 / 122	TSL Conductivity [S/m]	5.02
Group / UID	WLAN / 10626-AAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	4.5	Test Distance [mm]	0.00

DASY Configuration

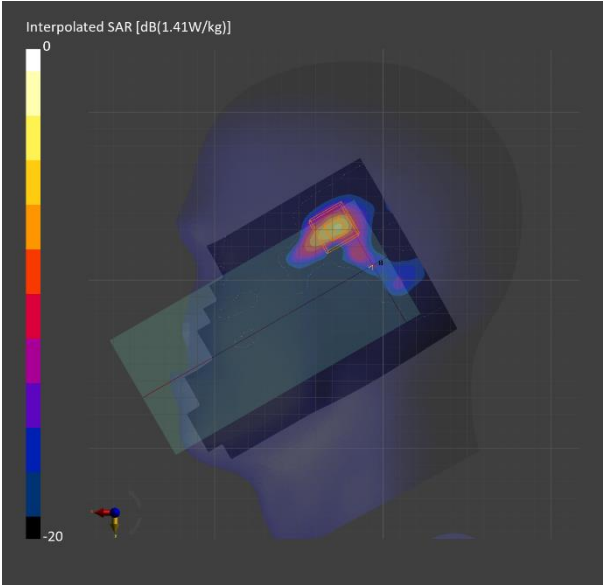
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.284	0.326
psSAR10g [W/Kg]	0.083	0.085
Power Drift [dB]		-0.05
Dist 3dB Peak [mm]		6.1
M2/M1 [%]		62.8



U-NII-2C < 5.65 GHz: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle), BACK

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

Exposure Conditions

Band	U-NII-2C < 5.65 GHz	TSL Permittivity	35.4
Frequency [MHz] / Channel Number	5500.0 / 100	TSL Conductivity [S/m]	4.94
Group / UID	WLAN / 10583-AAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	4.5	Test Distance [mm]	5.00

DASY Configuration

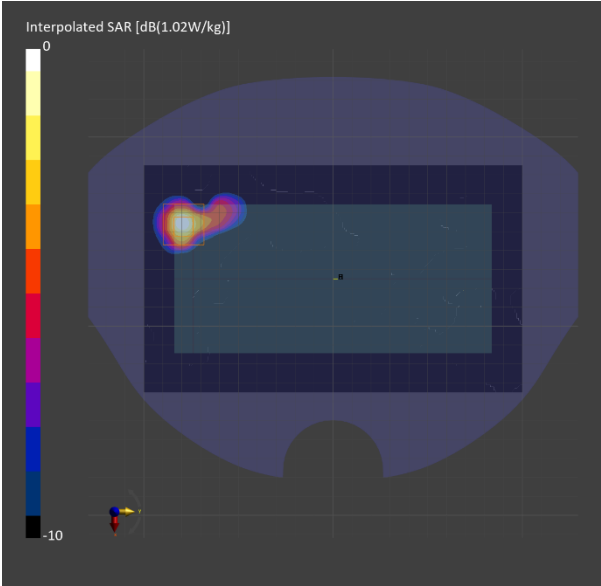
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.635	0.730
psSAR10g [W/Kg]	0.182	0.194
Power Drift [dB]		-0.17
Dist 3dB Peak [mm]		6.5
M2/M1 [%]		58.3



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

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

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	34.8
Frequency [MHz] / Channel Number	5775.0 / 155	TSL Conductivity [S/m]	5.29
Group / UID	WLAN / 10626-AAC	Phantom Section / TSL	RightHead / HSL
Conversion Factor	4.47	Test Distance [mm]	0.00

DASY Configuration

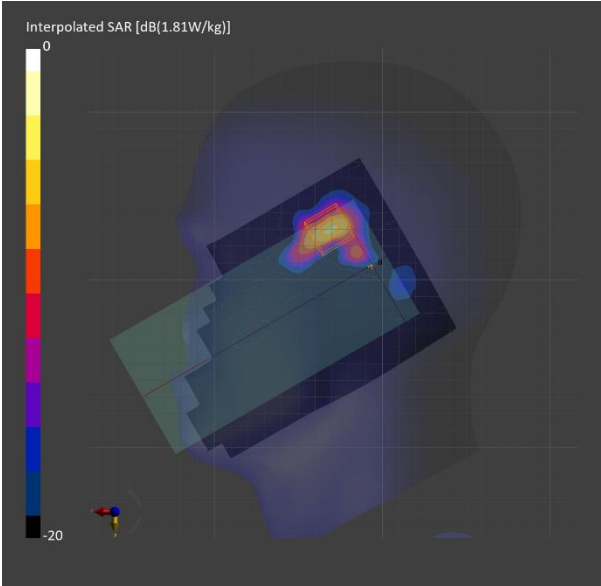
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DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.383	0.431
psSAR10g [W/Kg]	0.120	0.122
Power Drift [dB]		-0.06
Dist 3dB Peak [mm]		4.8
M2/M1 [%]		61.7



U-NII-2C, U-NII-3: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle), BACK

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

Exposure Conditions

Band	U-NII-2C, U-NII-3	TSL Permittivity	34.8
Frequency [MHz] / Channel Number	5785.0 / 157	TSL Conductivity [S/m]	5.28
Group / UID	WLAN / 10583-AAC	Phantom Section / TSL	Flat / HSL
Conversion Factor	4.49	Test Distance [mm]	5.00

DASY Configuration

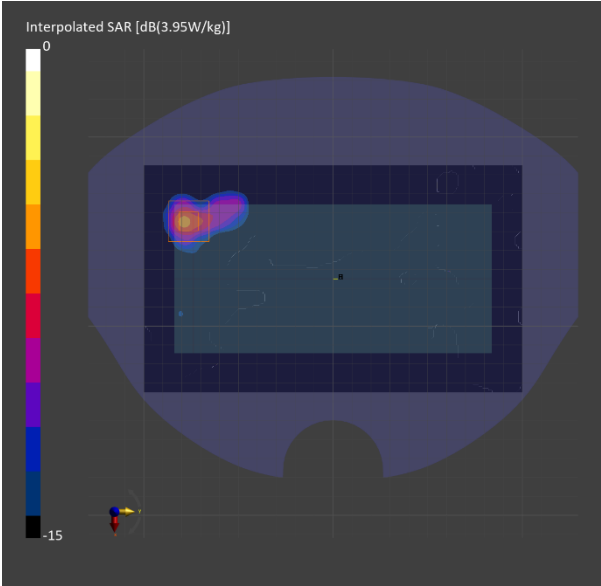
Probe Calibration Date	EX3DV4 - SN7545 2024-09-03	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1671 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.2.2.1588		

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.679	0.839
psSAR10g [W/Kg]	0.204	0.219
Power Drift [dB]		-0.07
Dist 3dB Peak [mm]		6.9
M2/M1 [%]		57.5



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), CHEEK

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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	37.2
Frequency [MHz] / Channel Number	2480.000 / 78	TSL Conductivity [S/m]	1.89
Group / UID	Bluetooth / 10032-CAA	Phantom Section / TSL	RightHead / HSL
Conversion Factor	7.48	Test Distance [mm]	0.00

DASY Configuration

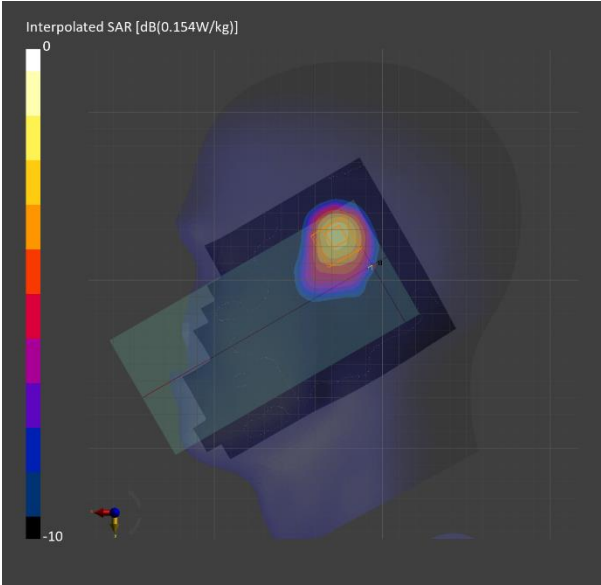
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DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.079	0.077
psSAR10g [W/Kg]	0.042	0.039
Power Drift [dB]		-0.02
Dist 3dB Peak [mm]		11.7
M2/M1 [%]		81.5



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), BACK

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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	38.4
Frequency [MHz] / Channel Number	2480.000 / 78	TSL Conductivity [S/m]	1.86
Group / UID	Bluetooth / 10032-CAA	Phantom Section / TSL	Flat / HSL
Conversion Factor	7.48	Test Distance [mm]	5.00

DASY Configuration

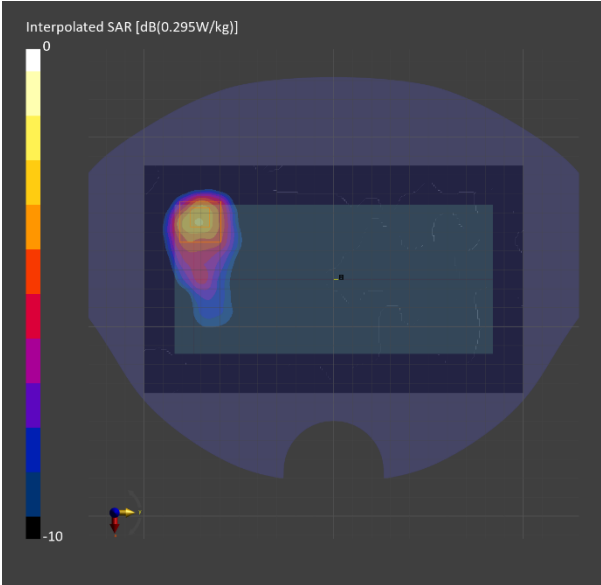
Probe Calibration Date	EX3DV4 - SN7314 2024-05-23	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1668 2024-04-18	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.134	0.135
psSAR10g [W/Kg]	0.067	0.064
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		9.5
M2/M1 [%]		77.3



Custom Band: CW, BACK

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

Exposure Conditions

Band	Custom Band	TSL Permittivity	55.8
Frequency [MHz] / Channel Number	13.600 / 13600	TSL Conductivity [S/m]	0.775
Group / UID	CW / 0--	Phantom Section / TSL	Flat / HSL
Conversion Factor	16.85	Test Distance [mm]	5.00

DASY Configuration

Probe Calibration Date	EX3DV4 - SN7646 2024-03-15	Phantom	ELI V6.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1670 2024-05-15	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.056	0.047
psSAR10g [W/Kg]	0.043	0.017
Power Drift [dB]		-0.07
Dist 3dB Peak [mm]		5.9
M2/M1 [%]		57.9

