

**Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 18900, FRONT, Strap 3**

Exposure Conditions

Band	Band 2	TSL Permittivity	41.7
Frequency [MHz] Channel Number	1880.000 18900	TSL Conductivity [S/m]	1.28
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.34	Test Distance [mm]	10.00

Hardware Setup

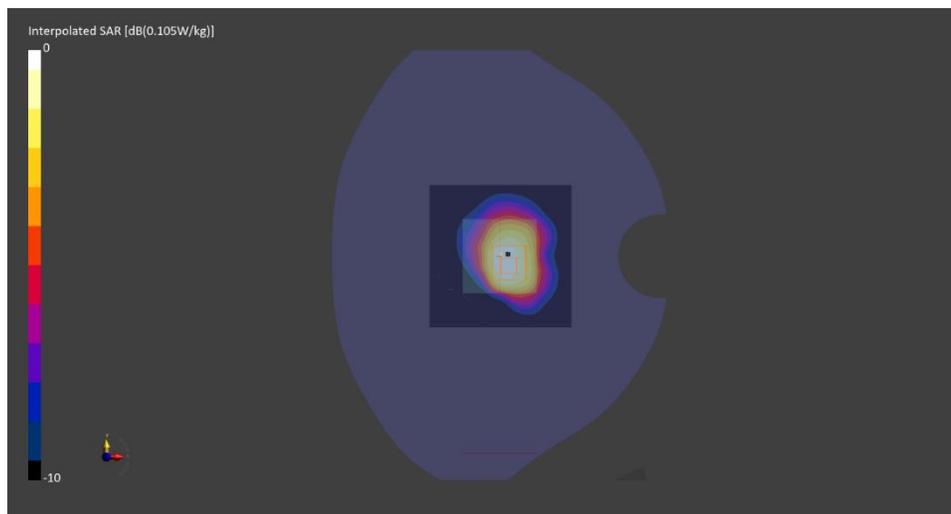
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		91.0
Dist 3dB Peak [mm]		10.4
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.105, -19.9, -6.3, -202.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.066	0.080
psSAR10g [W/Kg]	0.037	0.046
Power Drift [dB]	0.02	-0.00



**Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 18900, BACK, Strap 3**

Exposure Conditions

Band	Band 2	TSL Permittivity	41.7
Frequency [MHz] Channel Number	1880.000 18900	TSL Conductivity [S/m]	1.28
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.34	Test Distance [mm]	0.00

Hardware Setup

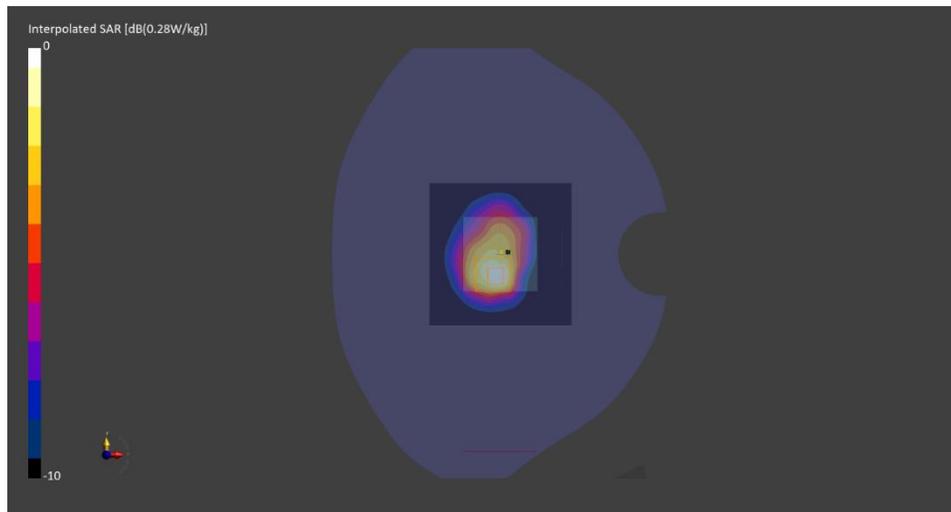
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		91.6
Dist 3dB Peak [mm]		8.7
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.280, -28.2, -14.0, -202.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.178	0.182
psSAR10g [W/Kg]	0.090	0.093
Power Drift [dB]	0.11	-0.04



**Band 4: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 20175, FRONT, Strap 3**

Exposure Conditions

Band	Band 4	TSL Permittivity	42.2
Frequency [MHz] Channel Number	1732.500 20175	TSL Conductivity [S/m]	1.24
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.63	Test Distance [mm]	10.00

Hardware Setup

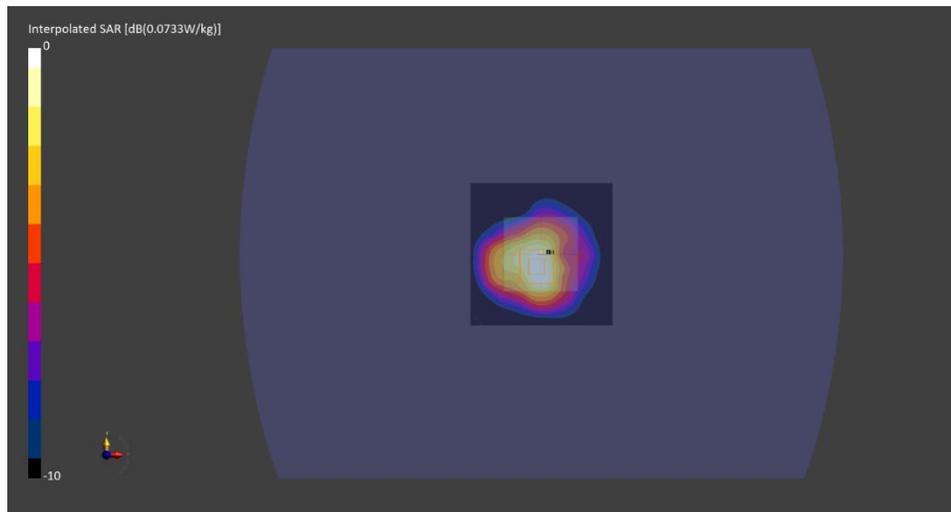
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.0 x 36.0 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 [%]		89.9
Dist 3dB Peak [mm]		12.6
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.073, -3.3, -7.8, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.050	0.059
psSAR10g [W/Kg]	0.028	0.035
Power Drift [dB]	0.02	-0.06



**Band 4: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 20175, BACK, Strap 2**

Exposure Conditions

Band	Band 4	TSL Permittivity	42.2
Frequency [MHz] Channel Number	1732.500 20175	TSL Conductivity [S/m]	1.24
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.63	Test Distance [mm]	0.00

Hardware Setup

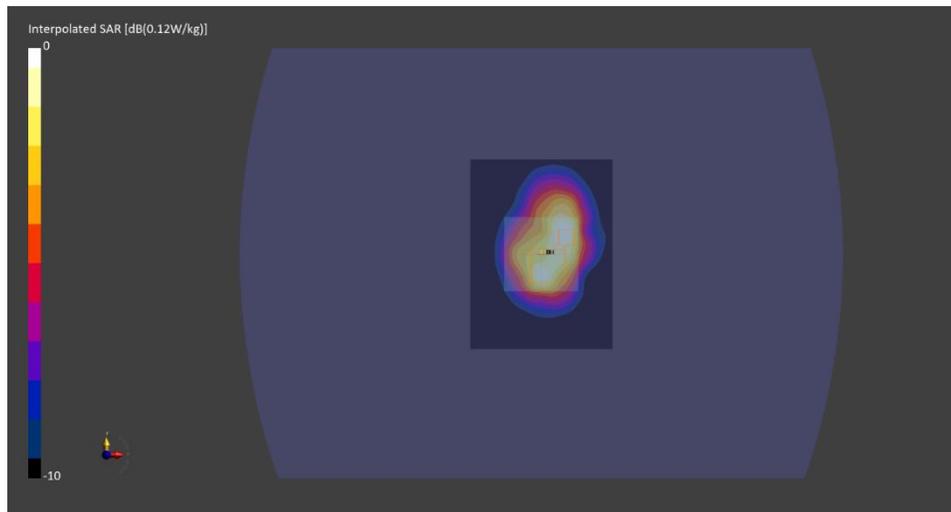
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	40.5 x 40.5 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.5 x 4.5 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		5.1
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.221, 15.7, 10.5, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.100	0.105
psSAR10g [W/Kg]	0.054	0.057
Power Drift [dB]	-0.15	0.02



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO Channel 23095, FRONT, Strap 2

Exposure Conditions

Band	Band 12	TSL Permittivity	42.4
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.814
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.3	Test Distance [mm]	10.00

Hardware Setup

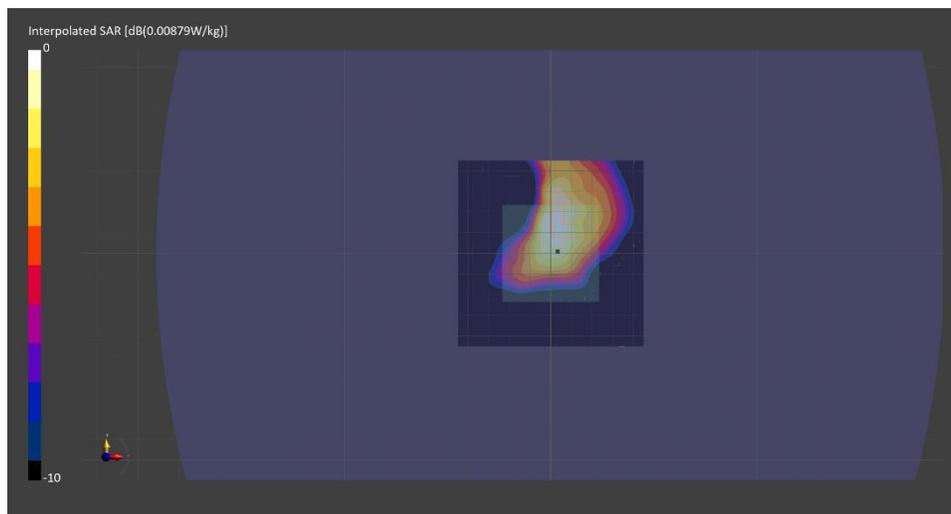
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	32.9 x 32.9 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		100.0
Dist 3dB Peak [mm]		3.4
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.009, 11.2, 18.8, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.005	0.004
psSAR10g [W/Kg]	0.003	0.002
Power Drift [dB]	0.81	-2.29



Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO Channel 23095, BACK, Strap 2

Exposure Conditions

Band	Band 12	TSL Permittivity	42.4
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.814
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.3	Test Distance [mm]	0.00

Hardware Setup

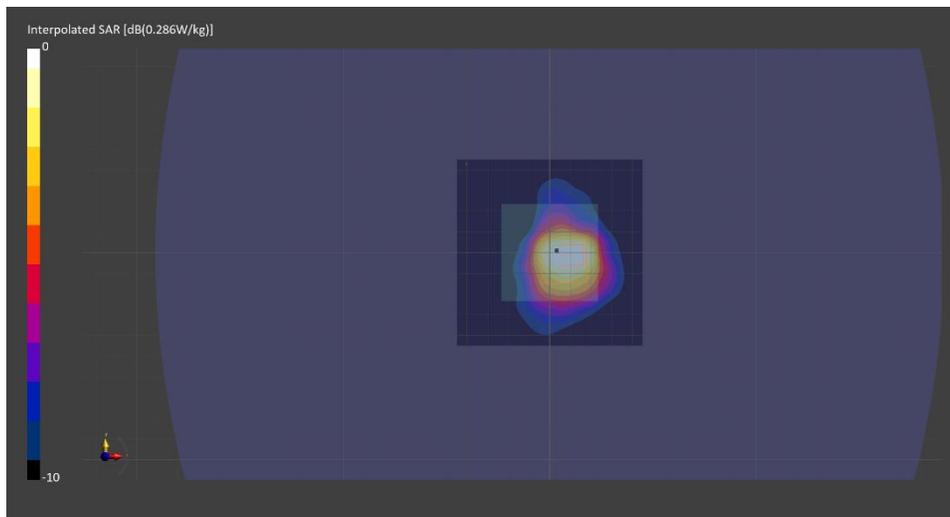
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	34.4 x 34.4 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.3 x 4.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		4.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.286, 11.1, -1.1, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.077	0.076
psSAR10g [W/Kg]	0.044	0.033
Power Drift [dB]	-0.56	-0.16



Custom Band: NB-NTN n23 RBPosition:Low AntennaCfg:SISO Channel 2000100, FRONT, Strap 3

Exposure Conditions

Band	Custom Band	TSL Permittivity	41.6
Frequency [MHz] Channel Number	2000.100 2000100	TSL Conductivity [S/m]	1.42
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.29	Test Distance [mm]	10.00

Hardware Setup

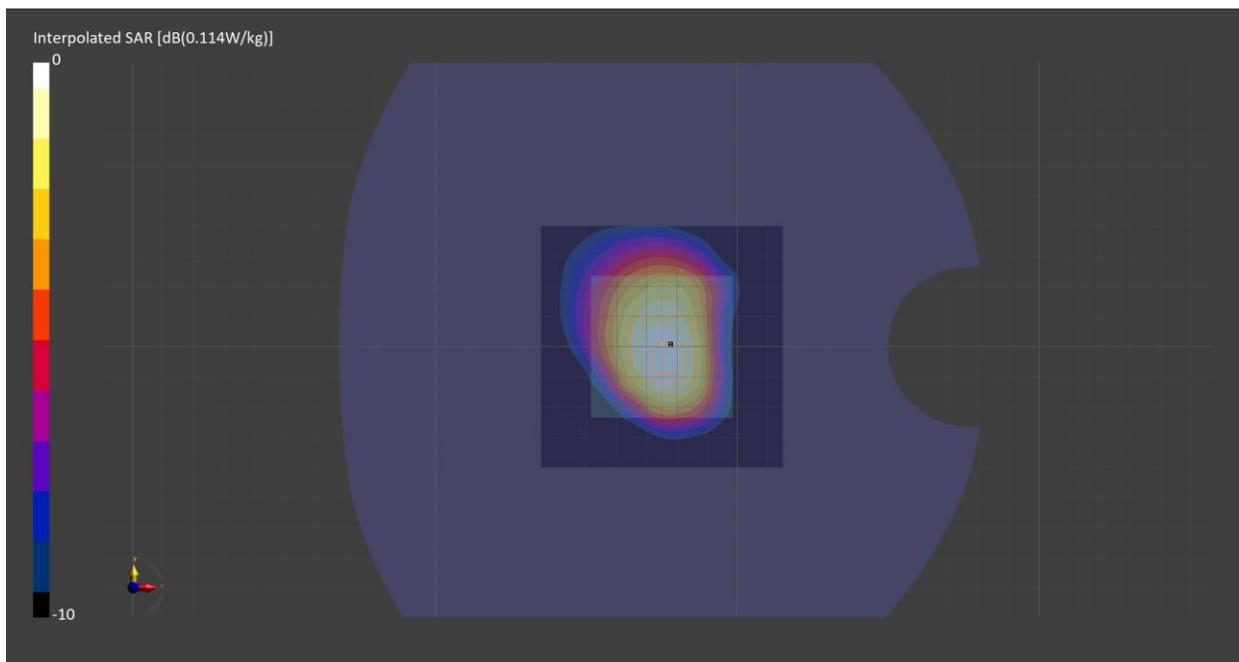
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 35.0 x 31.2
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 [%]		90.9
Dist 3dB Peak [mm]		10.7
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.114, -23.5, -4.2, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.070	0.073
psSAR10g [W/Kg]	0.039	0.044
Power Drift [dB]	0.07	-0.02



Custom Band: NB-NTN n23 RBPosition:Low AntennaCfg:SISO Channel 2010000, BACK, Strap 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	42.0
Frequency [MHz] Channel Number	2010.000 2010000	TSL Conductivity [S/m]	1.45
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.29	Test Distance [mm]	0.00

Hardware Setup

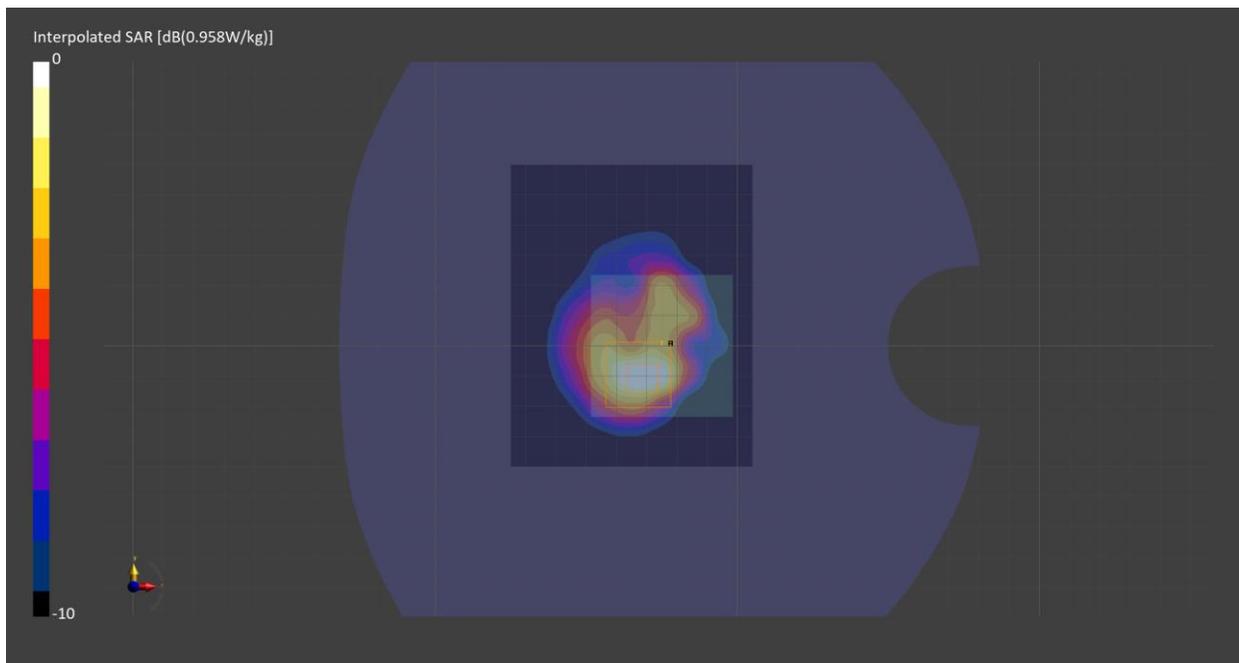
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	30.0 x 30.0 x 31.2
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 [%]		82.8
Dist 3dB Peak [mm]		7.7
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.958, -31.4, -10.9, -200.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.480	0.485
psSAR10g [W/Kg]	0.227	0.229
Power Drift [dB]	0.00	0.02



Custom Band: LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO Channel 1643500, FRONT, Strap 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.8
Frequency [MHz] Channel Number	1643.500 1643500	TSL Conductivity [S/m]	1.19
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.28	Test Distance [mm]	10.00

Hardware Setup

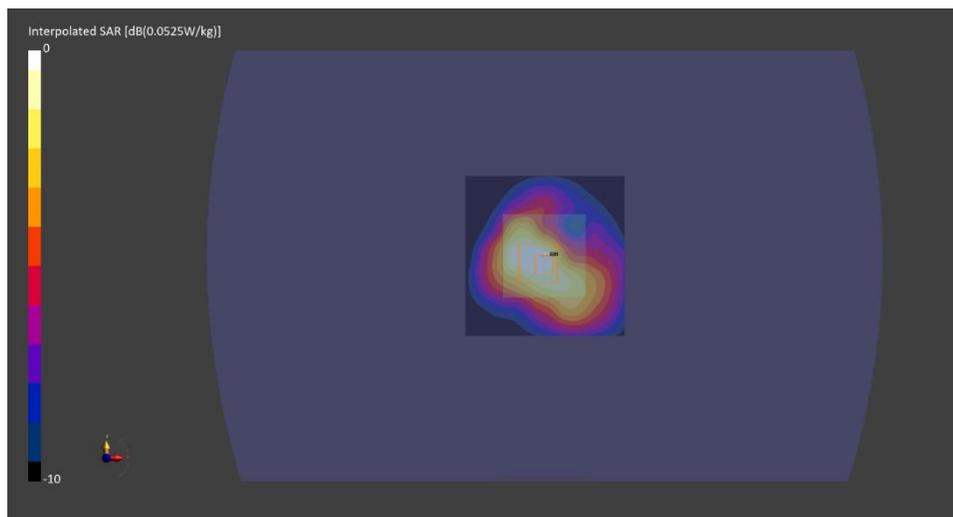
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	42.0 x 42.0 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 [%]		92.7
Dist 3dB Peak [mm]		12.6
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.052, -0.6, -5.1, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.035	0.037
psSAR10g [W/Kg]	0.020	0.023
Power Drift [dB]	0.02	-0.08



**Custom Band: LTE-FDD NTN n255 (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 1643500, BACK, Strap 1**

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.8
Frequency [MHz] Channel Number	1643.500 1643500	TSL Conductivity [S/m]	1.19
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.28	Test Distance [mm]	0.00

Hardware Setup

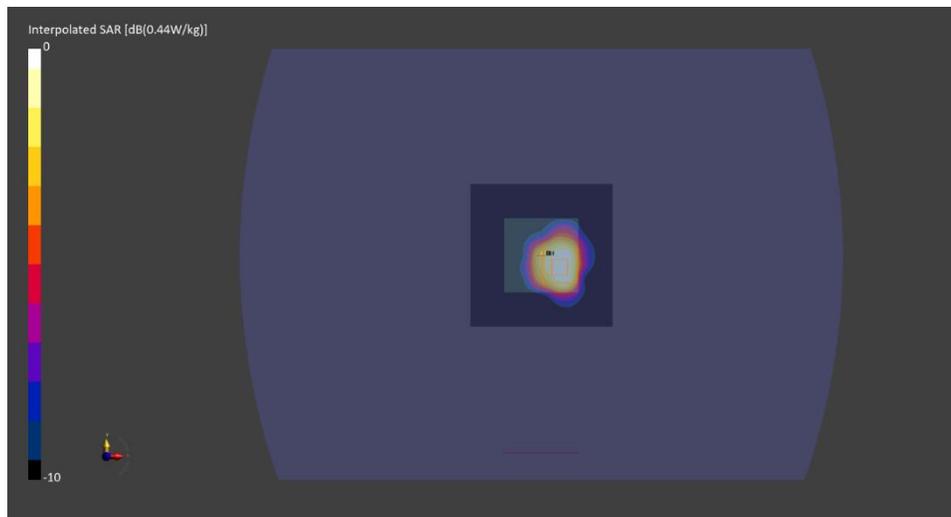
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		97.3
Dist 3dB Peak [mm]		11.9
MAIA	N/A	N/A
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.440, 11.4, -7.6, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.325	0.390
psSAR10g [W/Kg]	0.171	0.216
Power Drift [dB]	0.01	-0.02



WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) Channel 6, FRONT

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.72
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.9	Test Distance [mm]	10.00

Hardware Setup

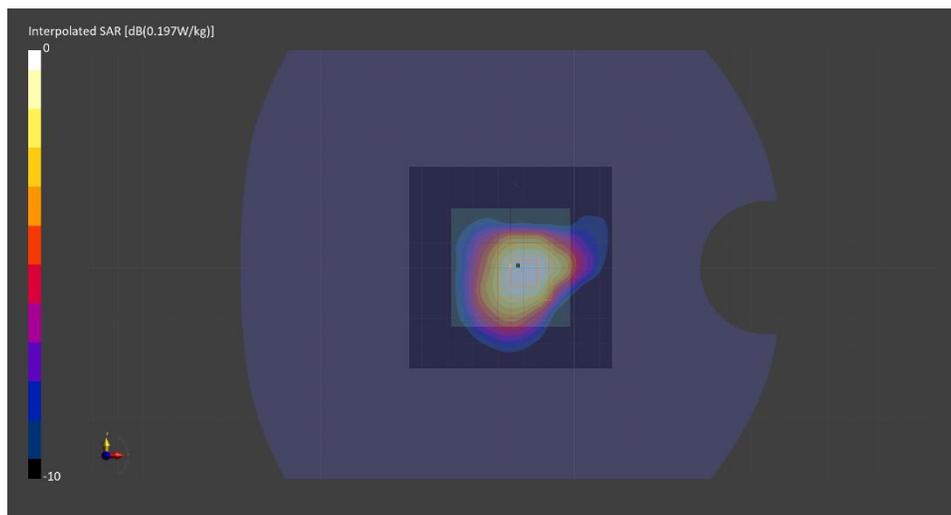
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 31.2
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 [%]		87.1
Dist 3dB Peak [mm]		12.1
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.197, -19.7, -2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.122	0.125
psSAR10g [W/Kg]	0.061	0.066
Power Drift [dB]	-0.07	0.02



WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) Channel 6, BACK, STRAP 3

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	40.0
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.88
Group UID	WLAN 10415-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.9	Test Distance [mm]	0.00

Hardware Setup

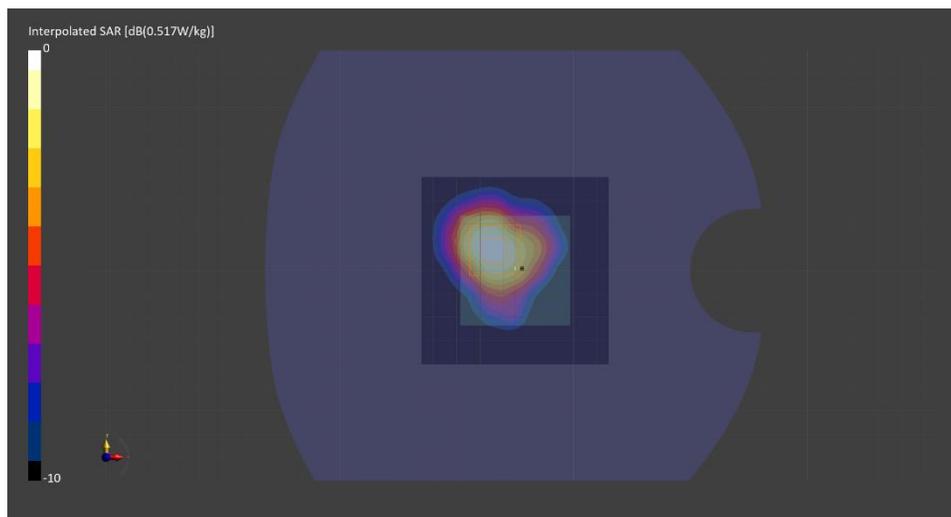
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 31.2
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 [%]		72.0
Dist 3dB Peak [mm]		8.5
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.517, -33.7, 8.7, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.252	0.223
psSAR10g [W/Kg]	0.122	0.106
Power Drift [dB]	-0.10	-0.18



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5) Channel 39, FRONT

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	41.0
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.72
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.9	Test Distance [mm]	10.00

Hardware Setup

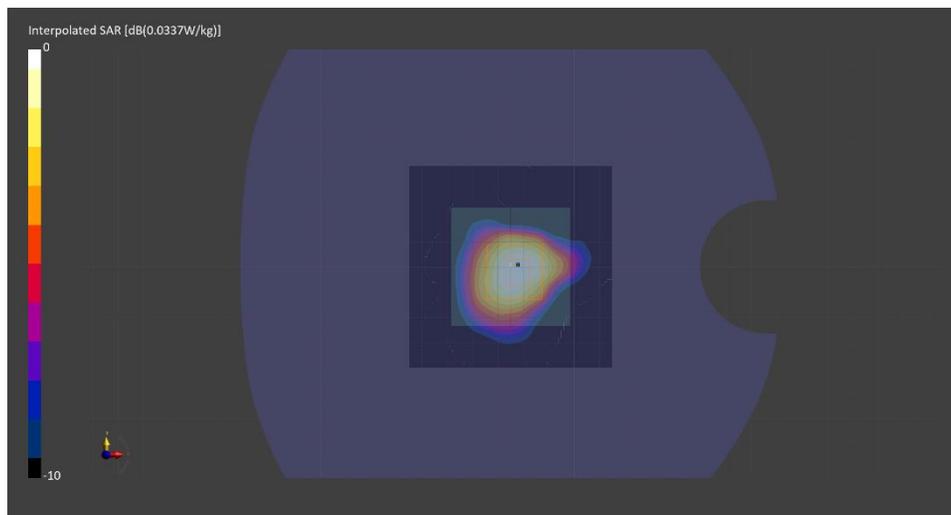
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 31.2
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 [%]		83.0
Dist 3dB Peak [mm]		11.4
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.046, -22.2, -2.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.027	0.028
psSAR10g [W/Kg]	0.013	0.015
Power Drift [dB]	0.06	0.01



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5) Channel 39, BACK

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.0
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.89
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.9	Test Distance [mm]	0.00

Hardware Setup

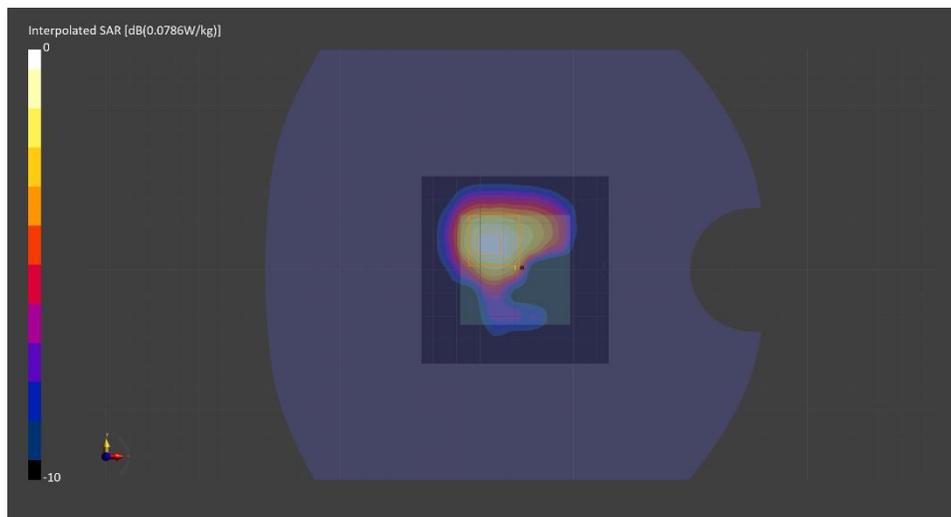
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	30.0 x 30.0 x 31.2
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 [%]		78.3
Dist 3dB Peak [mm]		10.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.079, -36.3, 11.0, -200.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.041	0.039
psSAR10g [W/Kg]	0.020	0.018
Power Drift [dB]	0.84	0.07



Custom Band: CW Channel 13600, BACK, Strap 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	54.1
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.728
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	16.92	Test Distance [mm]	0.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL4-250V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	N/A
Grid Steps [mm]	15.0 x 15.0	N/A
Sensor Surface [mm]	3.0	N/A
Graded Grid	N/A	N/A
M2/M1 [%]		N/A
Dist 3dB Peak [mm]		N/A
MAIA	Y	N/A

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0	N/A
psSAR10g [W/Kg]	0	N/A
Power Drift [dB]	-1.62	N/A

