

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

AntennaCfg:SISO Channel 18700, FRONT, Strap 1

Exposure Conditions

Band	Band 2	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1860.000 18700	TSL Conductivity [S/m]	1.27
Group UID	LTE-FDD 10169-CAF	Phantom Section TSL	Flat HSL
Conversion Factor	8.34	Test Distance [mm]	10.00

Hardware Setup

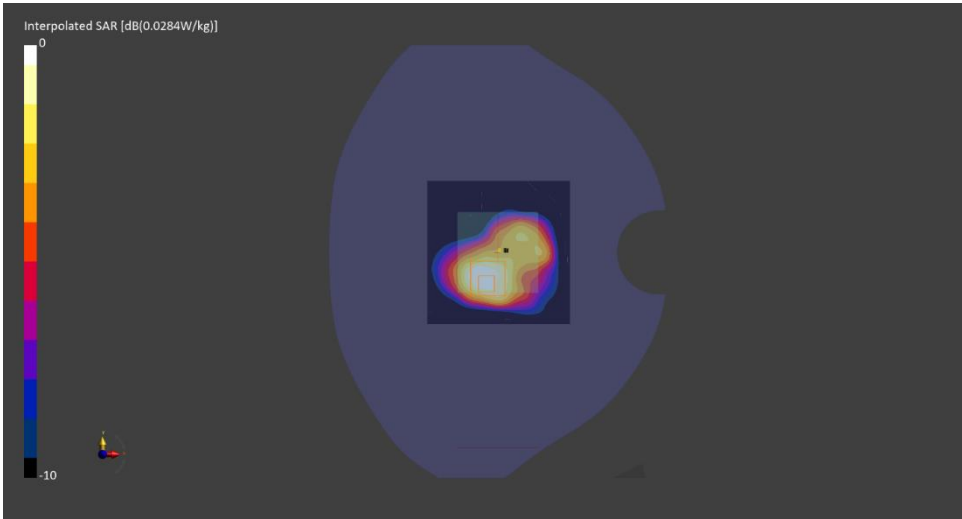
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	32.4 x 32.4 x 31.2
Grid Steps [mm]	15.0 x 15.0	2.7 x 2.7 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		90.1
Dist 3dB Peak [mm]		6.6
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.028, -32.8, -19.6, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.015	0.017
psSAR10g [W/Kg]	0.008	0.009
Power Drift [dB]	-0.12	0.04



Band 2: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:High

AntennaCfg:SISO Channel 18900, BACK, Strap 3

Exposure Conditions

Band	Band 2	TSL Permittivity	41.4
Frequency [MHz] Channel Number	1880.000 18900	TSL Conductivity [S/m]	1.29
Group UID	LTE-FDD 10297-AAE	Phantom Section TSL	Flat HSL
Conversion Factor	8.34	Test Distance [mm]	0.00

Hardware Setup

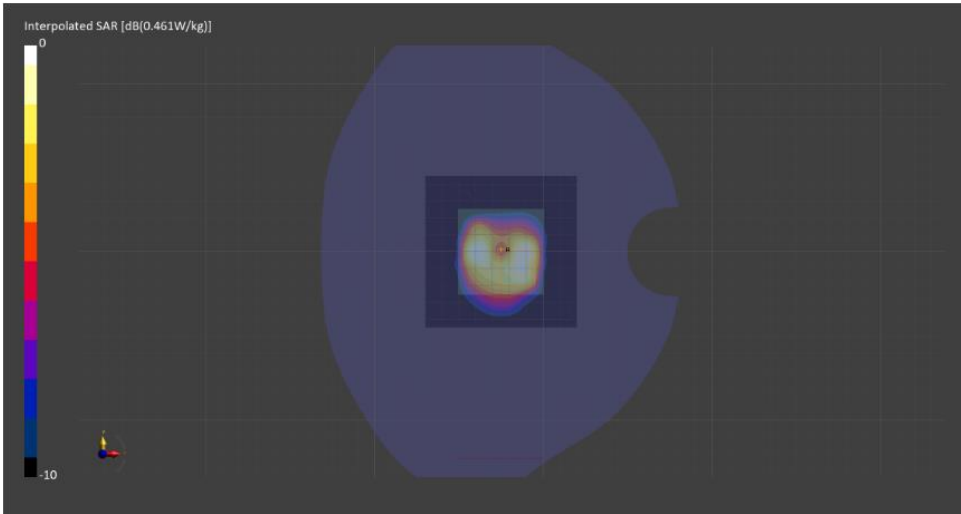
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	34.3 x 34.3 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.9 x 4.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		85.1
Dist 3dB Peak [mm]		5.8
MAIA	Y	Y
TSL Correction	Positive only	Positive only

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.194	0.233
psSAR10g [W/Kg]	0.098	0.106
Power Drift [dB]	0.17	-0.20



Band 4: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO Channel 20175, FRONT

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]	10.00

Hardware Setup

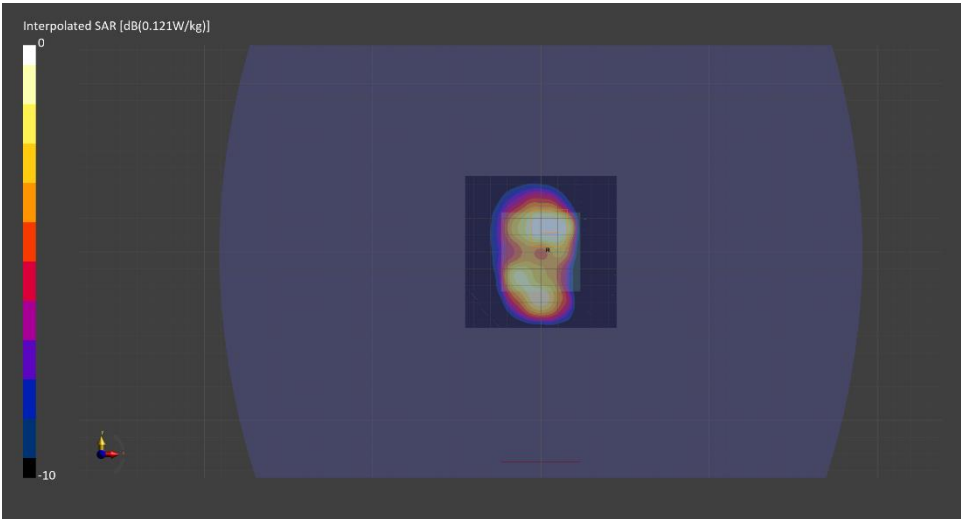
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.0 x 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 [%]		80.1
Dist 3dB Peak [mm]		4.8
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.121, 4.9, 16.2, -172.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.062	0.069
psSAR10g [W/Kg]	0.032	0.034
Power Drift [dB]	0.14	-0.05



Band 4: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO Channel 20175, BACK, 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]	0.00

Hardware Setup

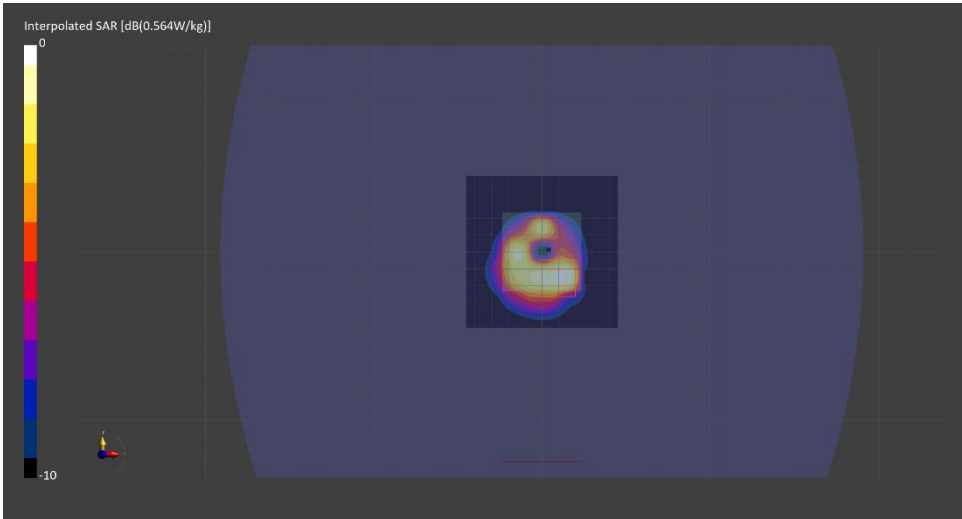
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DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	31.5 x 31.5 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 [%]		84.2
Dist 3dB Peak [mm]		4.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.564, 9.1, -15.7, -172.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.253	0.293
psSAR10g [W/Kg]	0.122	0.132
Power Drift [dB]	0.04	-0.04



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

AntennaCfg:SISO Channel 23095, FRONT, Strap 1

Exposure Conditions

Band	Band 12	TSL Permittivity	45.4
Frequency [MHz] Channel Number	707.500 23095	TSL Conductivity [S/m]	0.821
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.11	Test Distance [mm]	10.00

Hardware Setup

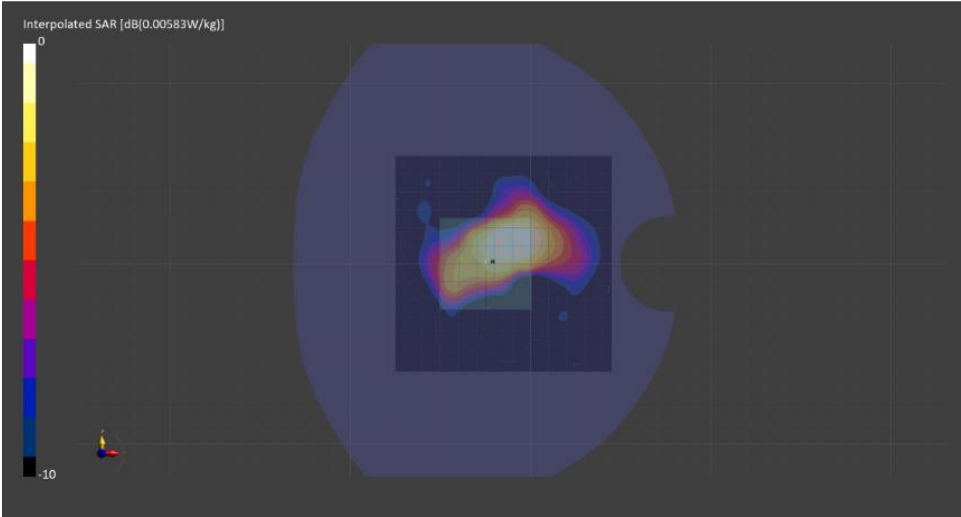
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	36.0 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 [%]		95.7
Dist 3dB Peak [mm]		9.7
MAIA	Y	Y
TSL Correction	Positive only	Positive only

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.004	0.004
psSAR10g [W/Kg]	0.003	0.003
Power Drift [dB]	-0.35	-0.07



Band 12: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO Channel 23095, BACK, Strap 1

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 10154-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.3	Test Distance [mm]	0.00

Hardware Setup

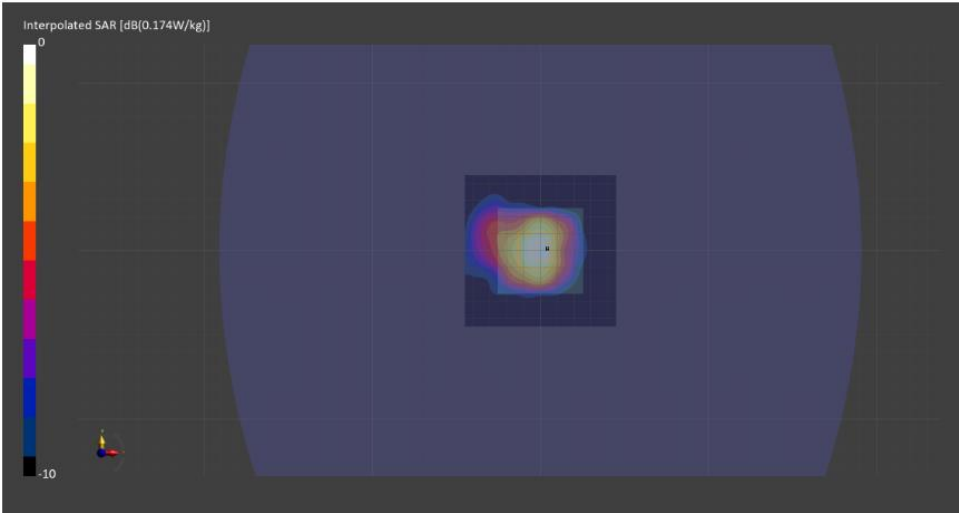
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	36.0 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 [%]		52.1
Dist 3dB Peak [mm]		7.0
MAIA	Y	Y
TSL Correction	Positive only	Positive only

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.046	0.047
psSAR10g [W/Kg]	0.028	0.023
Power Drift [dB]	0.02	-0.17



Custom Band: LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO Channel 2019900, FRONT, Strap 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.7
Frequency [MHz] Channel Number	2019.900 2019900	TSL Conductivity [S/m]	1.40
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.42	Test Distance [mm]	10.00

Hardware Setup

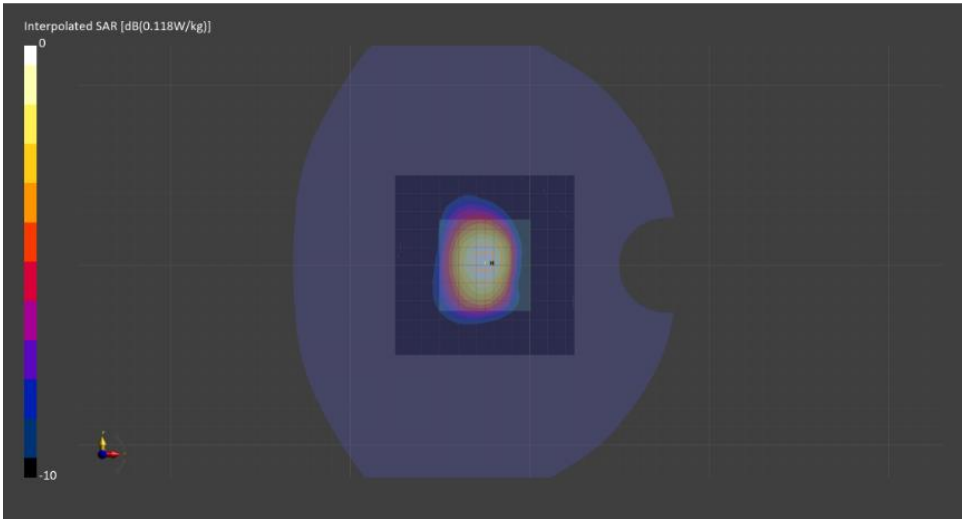
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DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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 [%]		83.0
Dist 3dB Peak [mm]		12.0
MAIA	Y	Y
TSL Correction	Positive only	Positive only

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.097	0.101
psSAR10g [W/Kg]	0.052	0.058
Power Drift [dB]	0.02	-0.02



Custom Band: LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 2000100, BACK, Strap 2

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.7
Frequency [MHz] Channel Number	2000.100 2000100	TSL Conductivity [S/m]	1.39
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.42	Test Distance [mm]	0.00

Hardware Setup

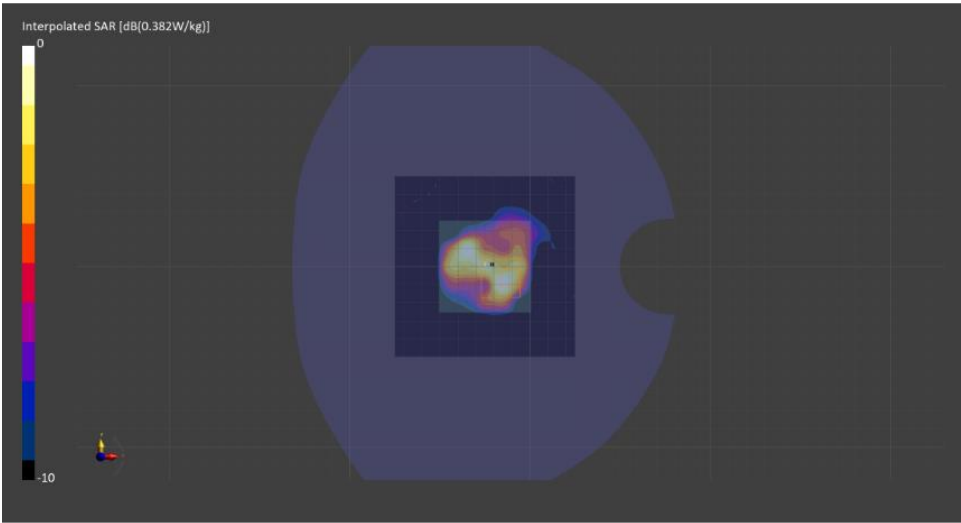
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DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	35.0 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 [%]		77.3
Dist 3dB Peak [mm]		5.1
MAIA	N/A	N/A
TSL Correction	Positive only	Positive only

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.146	0.149
psSAR10g [W/Kg]	0.069	0.066
Power Drift [dB]	0.03	-0.12



Custom Band: LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low

AntennaCfg:SISO Channel 1660400, FRONT, Strap 3

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.8
Frequency [MHz] Channel Number	1660.400 1660400	TSL Conductivity [S/m]	1.20
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.28	Test Distance [mm]	10.00

Hardware Setup

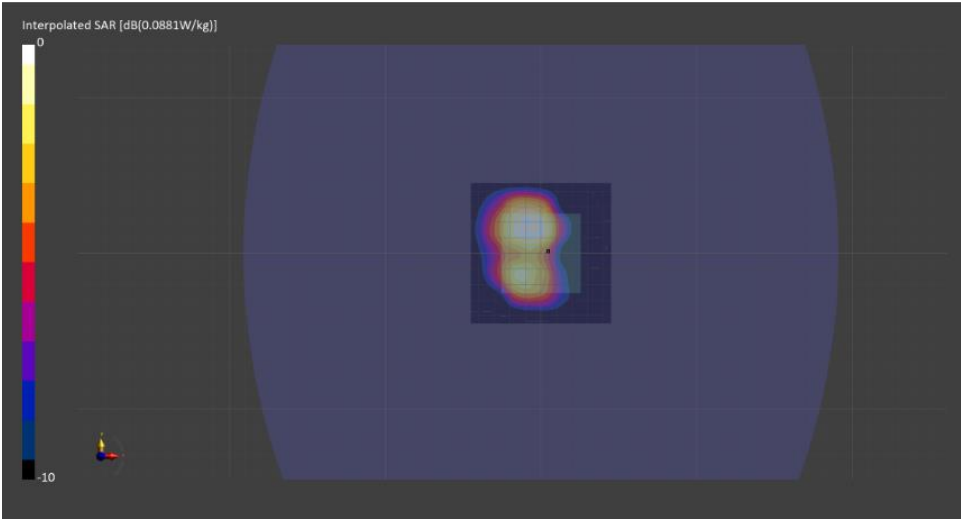
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		82.1
Dist 3dB Peak [mm]		8.4
MAIA	Y	Y
TSL Correction	No correction	No correction

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.074	0.084
psSAR10g [W/Kg]	0.042	0.046
Power Drift [dB]	0.01	-0.09



Custom Band: LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low
AntennaCfg:SISO Channel 1660400, BACK, Strap 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	40.8
Frequency [MHz] Channel Number	1660.400 1660400	TSL Conductivity [S/m]	1.20
Group UID	CW 10187-CAG	Phantom Section TSL	Flat HSL
Conversion Factor	8.28	Test Distance [mm]	0.00

Hardware Setup

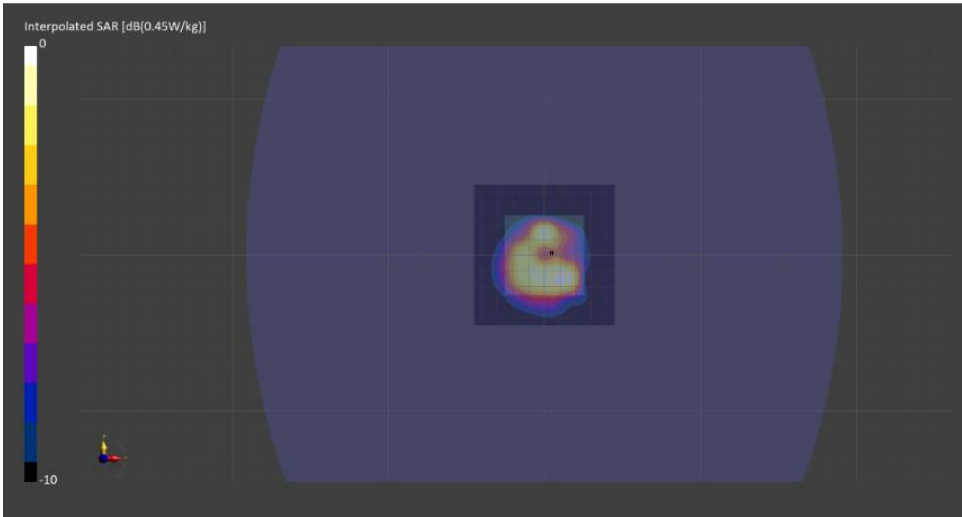
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DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	39.2 x 39.2 x 31.2
Grid Steps [mm]	15.0 x 15.0	5.6 x 5.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		82.6
Dist 3dB Peak [mm]		6.8
MAIA	N/A	N/A
TSL Correction	No correction	No correction

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.200	0.223
psSAR10g [W/Kg]	0.103	0.103
Power Drift [dB]	-0.09	-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	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]	10.00

Hardware Setup

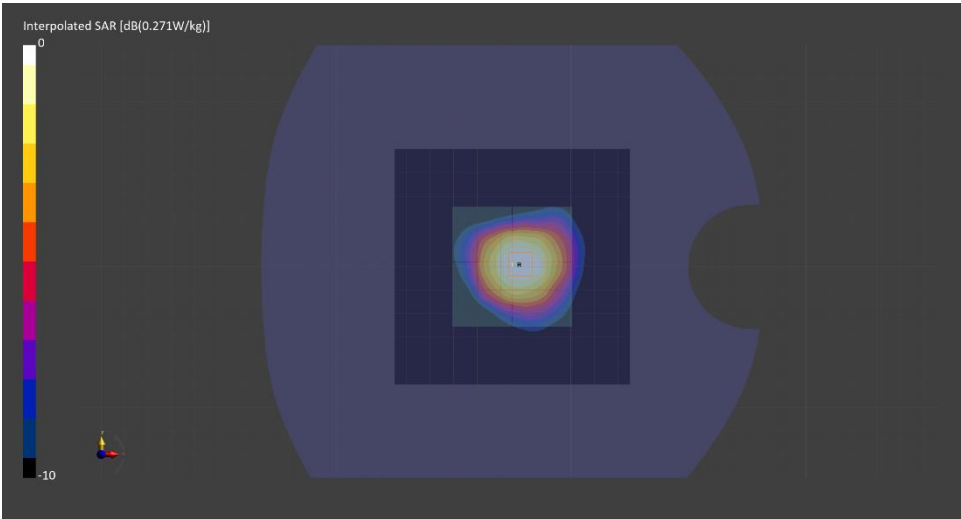
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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 [%]		85.3
Dist 3dB Peak [mm]		13.7
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.373, -21.5, 1.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.216	0.222
psSAR10g [W/Kg]	0.109	0.114
Power Drift [dB]	0.01	-0.03



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

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.7
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	7.9	Test Distance [mm]	0.00

Hardware Setup

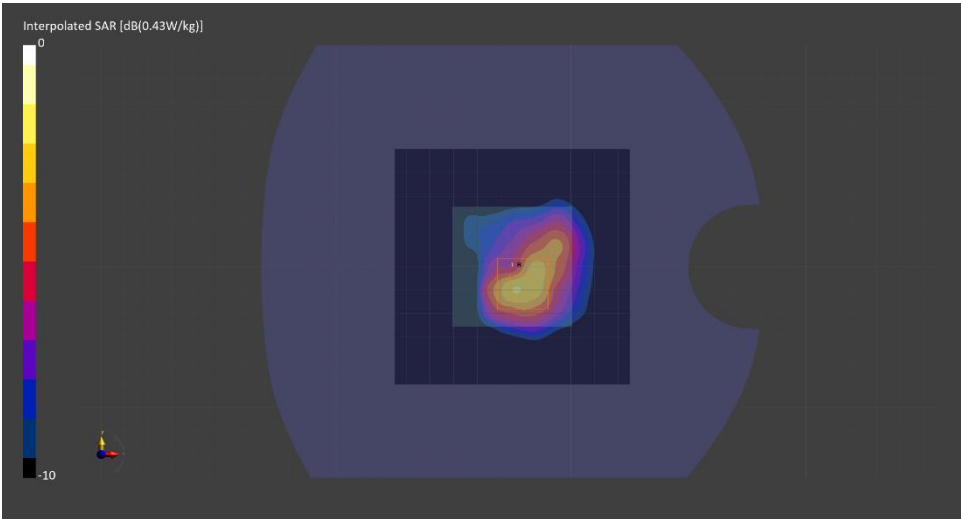
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DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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 [%]		76.4
Dist 3dB Peak [mm]		6.0
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.430, -21.2, -8.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.189	0.188
psSAR10g [W/Kg]	0.097	0.091
Power Drift [dB]	-0.11	-0.11



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	39.0
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.87
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.9	Test Distance [mm]	10.00

Hardware Setup

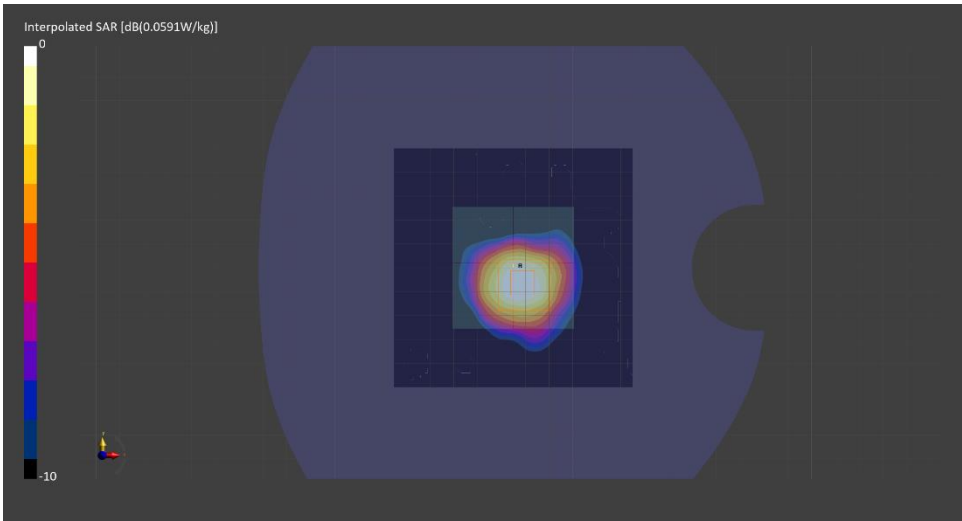
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DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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 [%]		83.4
Dist 3dB Peak [mm]		11.7
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.079, -21.1, -6.3, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.047	0.047
psSAR10g [W/Kg]	0.024	0.023
Power Drift [dB]	-0.24	-0.14



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	39.0
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.87
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]	100.0 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 [%]		81.1
Dist 3dB Peak [mm]		7.0
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.081, -17.6, -10.4, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.038	0.033
psSAR10g [W/Kg]	0.018	0.015
Power Drift [dB]	-1.02	0.08

