

**Band 2: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO Channel 18900, FRONT, Strap 2**

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]	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		

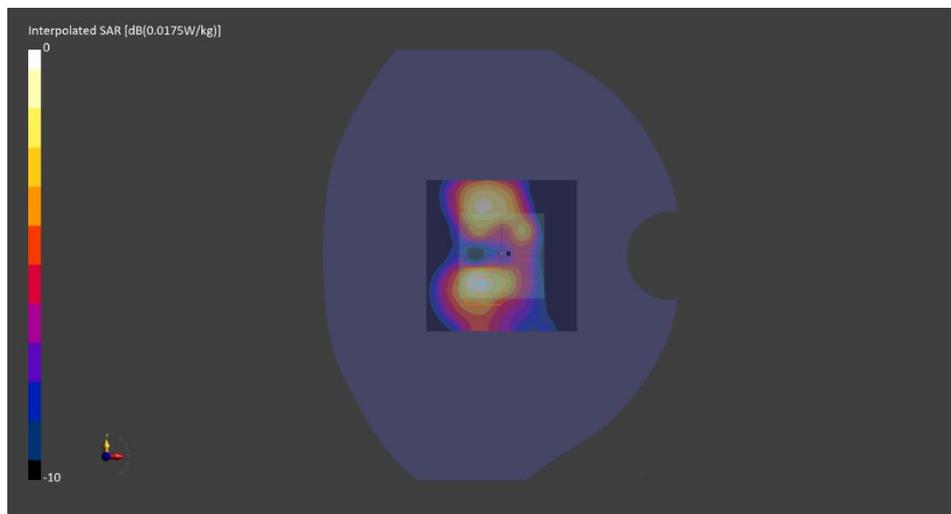
Scan Setup

	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 [%]		79.4
Dist 3dB Peak [mm]		7.3
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.017, -36.5, -17.5, -202.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.009	0.009
psSAR10g [W/Kg]	0.004	0.004
Power Drift [dB]	3.91	-0.53

Power Drift verified via second zoom scan.



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

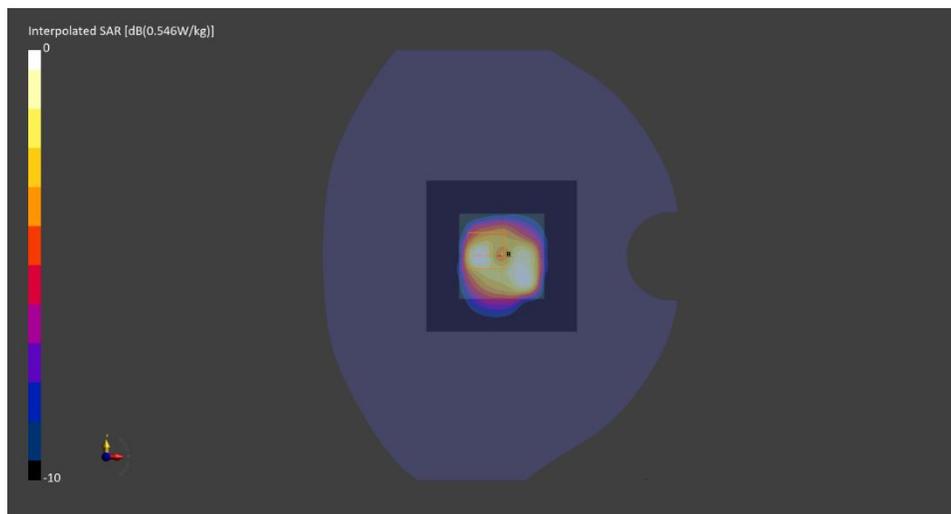
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL600-10000V6
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	34.4 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 [%]		83.6
Dist 3dB Peak [mm]		5.3
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.546, -36.8, 5.4, -202.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.237	0.257
psSAR10g [W/Kg]	0.120	0.111
Power Drift [dB]	-0.01	-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

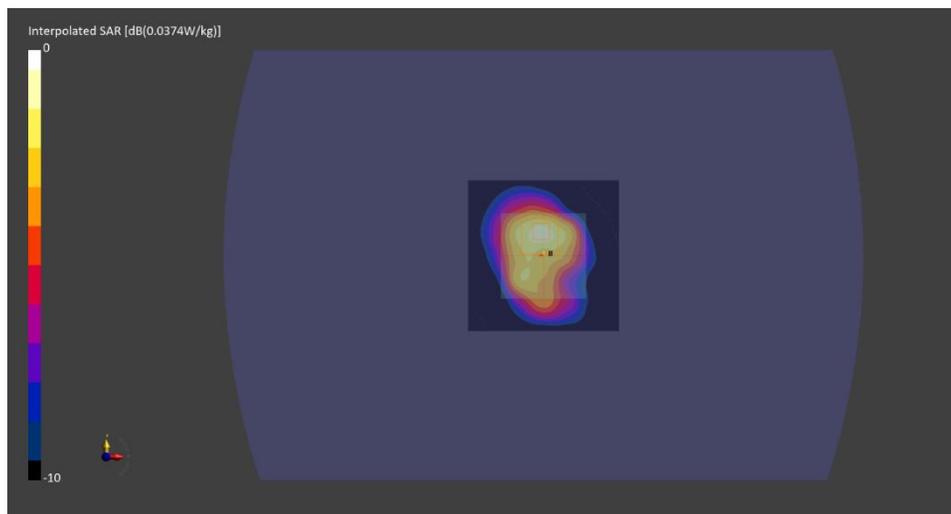
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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 [%]		83.2
Dist 3dB Peak [mm]		11.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.037, -1.5, 14.5, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.025	0.025
psSAR10g [W/Kg]	0.014	0.015
Power Drift [dB]	0.04	0.06



**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

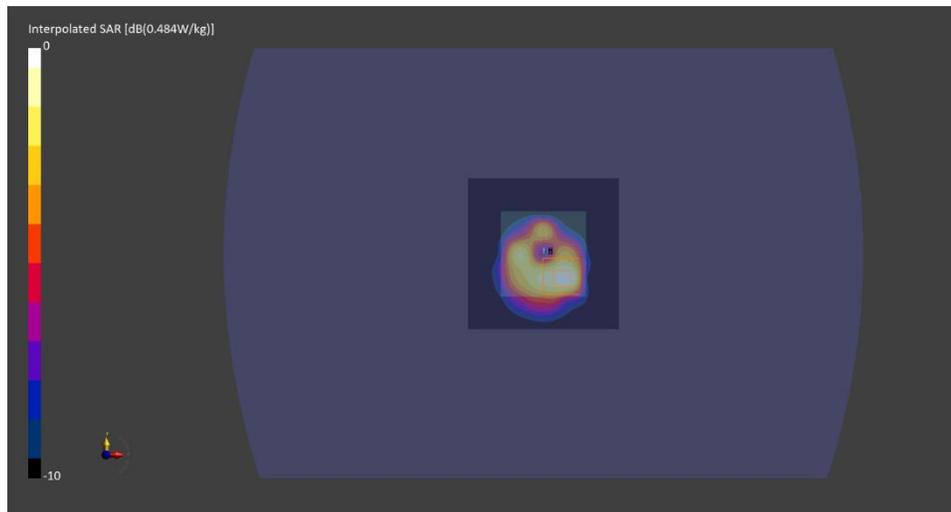
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	38.4 x 38.4 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.8 x 4.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		84.0
Dist 3dB Peak [mm]		5.2
MAIA	N/A	N/A
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.484, 10.9, -15.1, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.221	0.249
psSAR10g [W/Kg]	0.108	0.114
Power Drift [dB]	-0.00	-0.00



**Band 12: LTE-FDD (SC-FDMA, 1 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]	0.813
Group UID	LTE-FDD 10175-CAH	Phantom Section TSL	Flat HSL
Conversion Factor	10.3	Test Distance [mm]	0.00

Hardware Setup

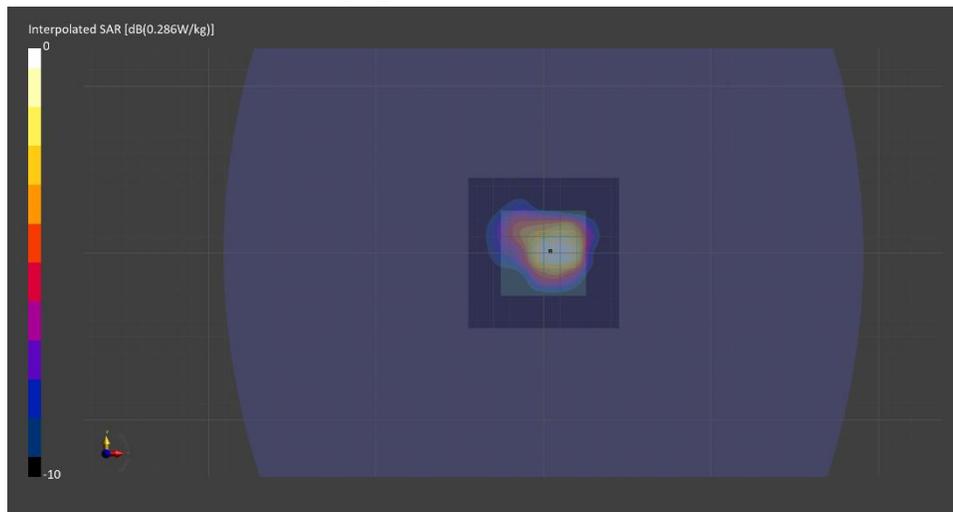
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	42.3 x 42.3 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 [%]		45.5
Dist 3dB Peak [mm]		4.7
MAIA	Y	N/A
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.059	0.064
psSAR10g [W/Kg]	0.035	0.026
Power Drift [dB]	0.14	0.04



**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

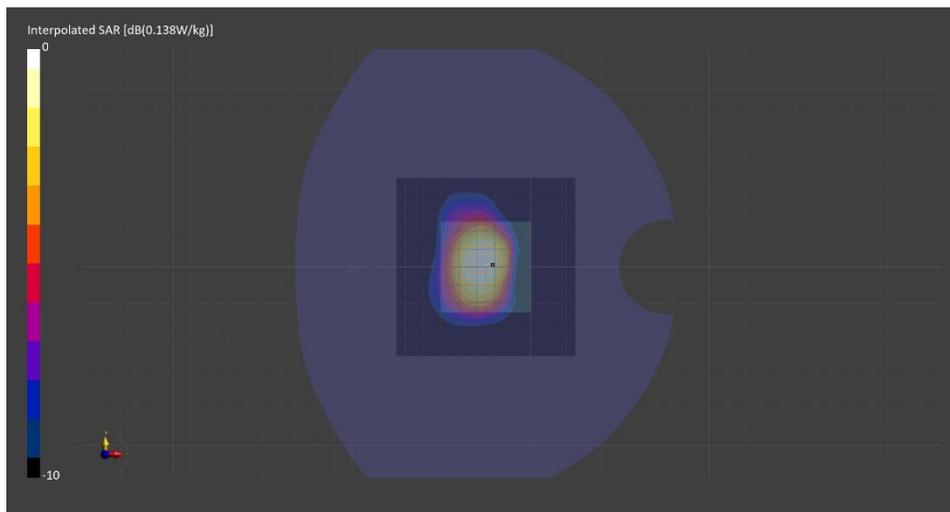
Probe Calibration Date	EX3DV4 - SN7709 2024-11-11	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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 [%]		84.7
Dist 3dB Peak [mm]		13.0
MAIA	Y	Y
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.083	0.086
psSAR10g [W/Kg]	0.045	0.048
Power Drift [dB]	-0.03	0.00



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

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

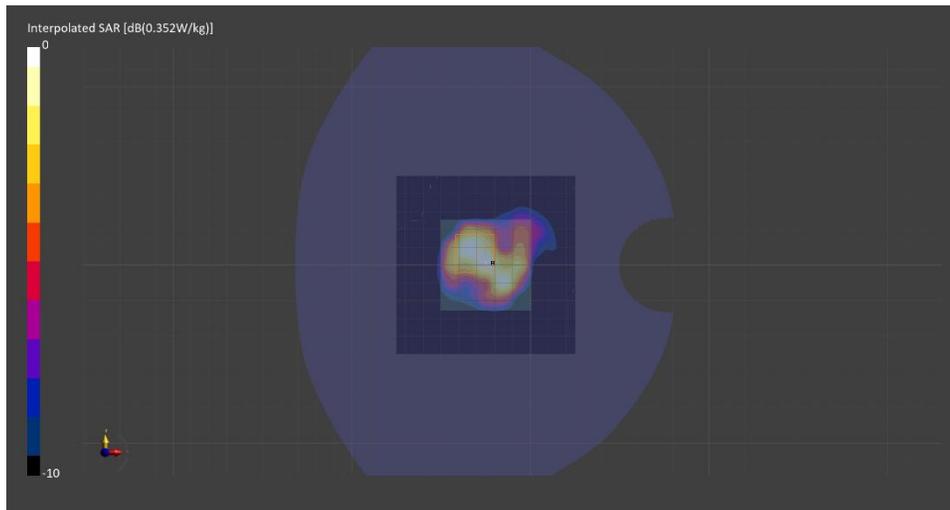
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DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	33.8 x 33.8 x 31.2
Grid Steps [mm]	10.0 x 10.0	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		76.7
Dist 3dB Peak [mm]		3.8
MAIA	Y	Y
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.120	0.125
psSAR10g [W/Kg]	0.062	0.063
Power Drift [dB]	-0.04	0.06



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

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

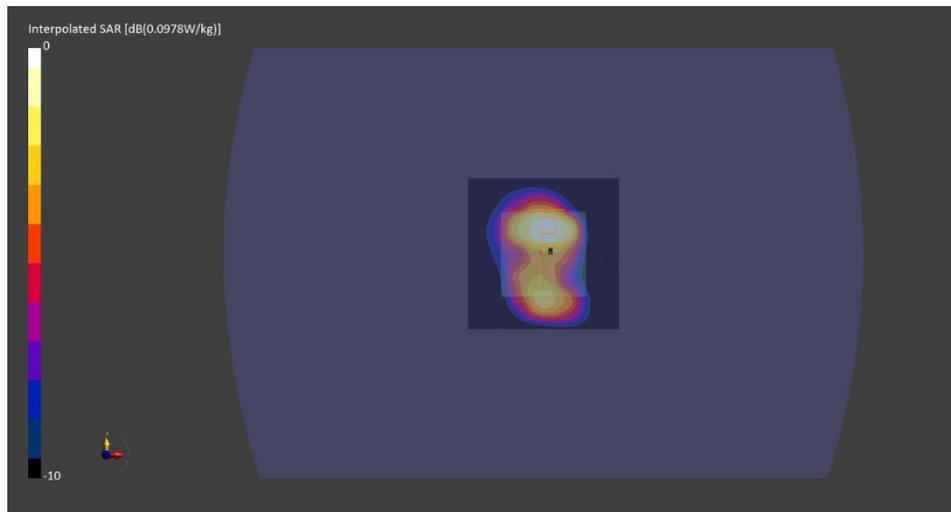
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

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 [%]		80.8
Dist 3dB Peak [mm]		8.4
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.098, 2.2, 17.0, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.054	0.055
psSAR10g [W/Kg]	0.028	0.029
Power Drift [dB]	0.09	0.03



**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

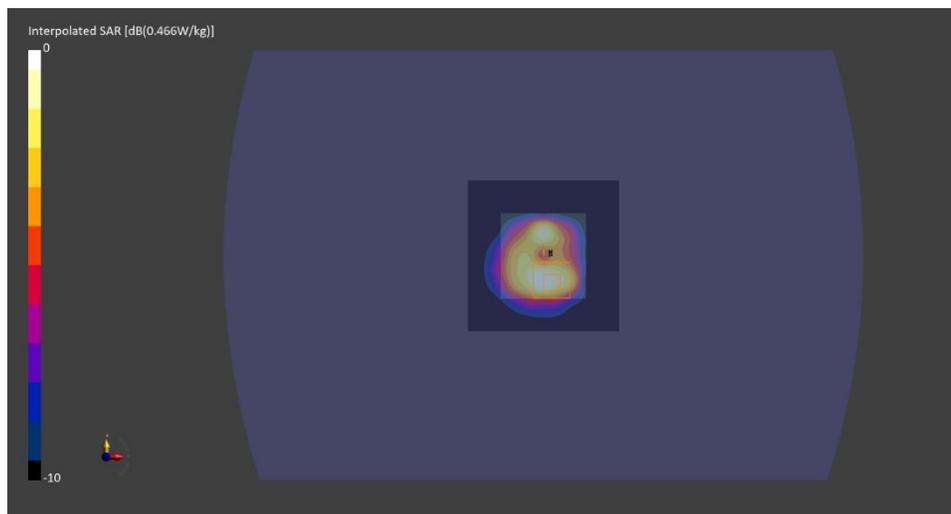
Probe Calibration Date	EX3DV4 - SN7711 2025-03-10	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1714 2024-11-06	TSL Type	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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 [%]		77.3
Dist 3dB Peak [mm]		7.9
MAIA	N/A	N/A
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.466, 5.1, -16.2, -172.0
TSL Correction	Positive	Positive

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.212	0.227
psSAR10g [W/Kg]	0.108	0.104
Power Drift [dB]	-0.09	-0.05



WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) Channel 6, FRONT, Strap 2

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

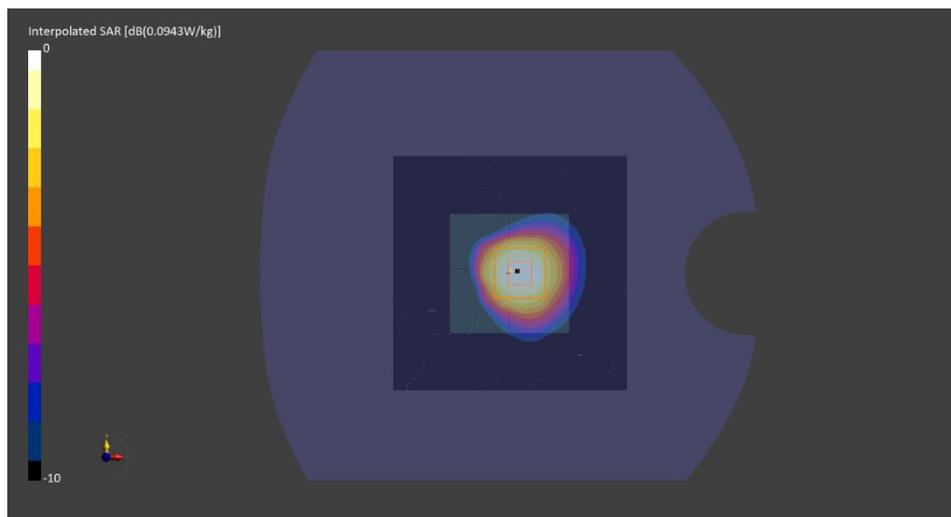
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

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 [%]		84.4
Dist 3dB Peak [mm]		13.7
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.196, -20.9, 0.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.075	0.116
psSAR10g [W/Kg]	0.038	0.060
Power Drift [dB]	1.90	-0.04



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

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		

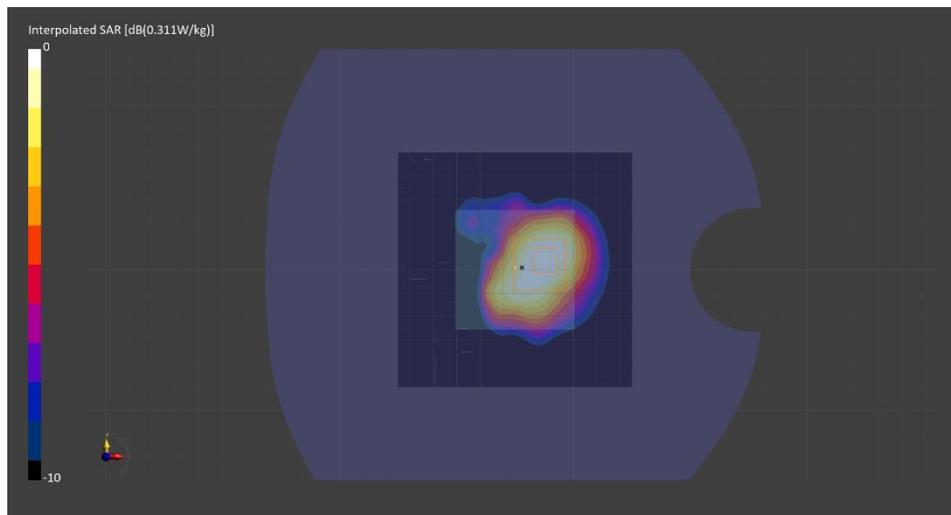
Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	40.0 x 40.0 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 [%]		73.1
Dist 3dB Peak [mm]		7.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.311, -12.3, 4.1, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.109	0.154
psSAR10g [W/Kg]	0.058	0.080
Power Drift [dB]	-0.05	-0.33

Power Drift verified via second zoom scan.



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5) Channel 39, FRONT, Strap 1

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]	10.00

Hardware Setup

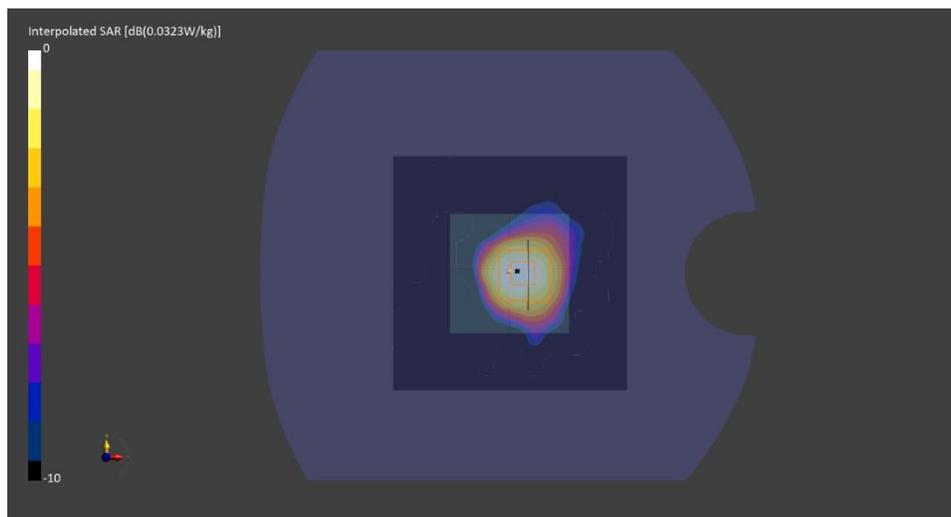
Probe Calibration Date	EX3DV4 - SN7710 2025-01-14	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1715 2025-01-13	TSL Type	HBBL1900-3800V3
Software Version	16.4.0.5005		

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 [%]		89.1
Dist 3dB Peak [mm]		9.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.032, -19.6, 0.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.019	0.019
psSAR10g [W/Kg]	0.01	0.009
Power Drift [dB]	-0.10	-0.10



ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5) Channel 39, BACK, Strap 1

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]	100.0 x 100.0	40.0 x 40.0 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 [%]		84.3
Dist 3dB Peak [mm]		9.9
MAIA	Y	Y
Peak SAR [W/kg], SAR Peak Location [mm]	N/A	0.069, -11.5, 1.0, -202.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.034	0.034
psSAR10g [W/Kg]	0.019	0.018
Power Drift [dB]	0.01	-0.19

