

Measurement Report for WLAN 2.4GHz, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	38.2
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.73
Group UID	WLAN 10315-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.05	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)		

Hardware Setup

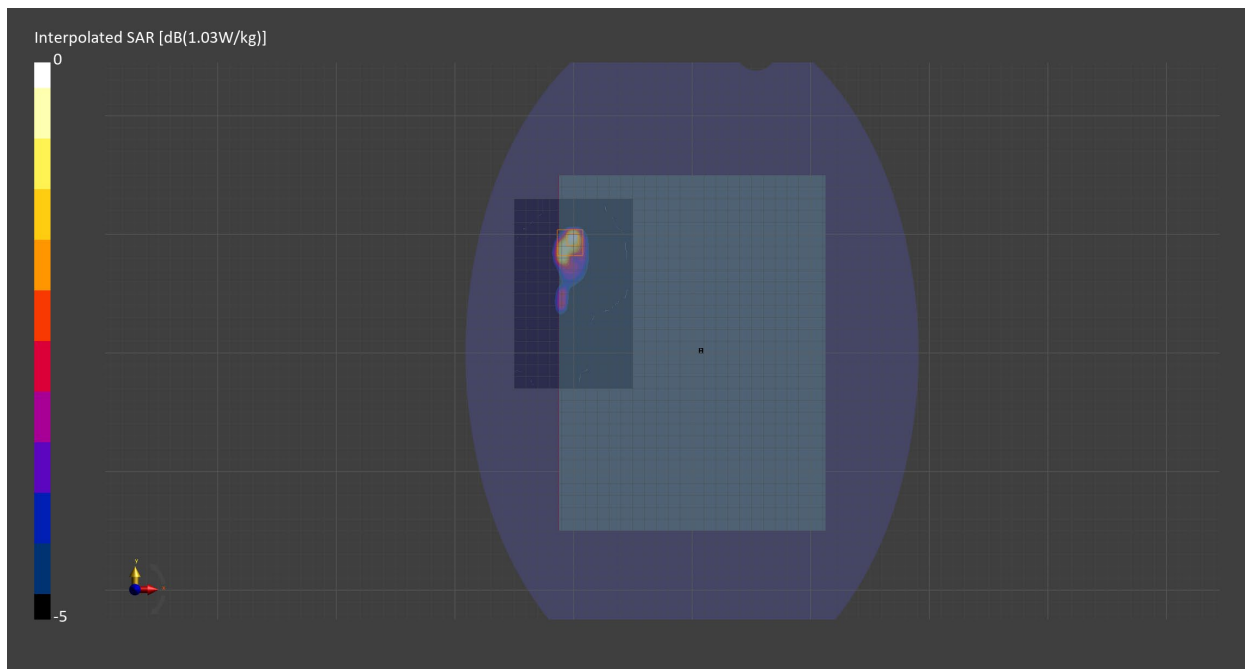
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL-600-10000 2023-Dec-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 160.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		73.2
Dist 3dB Peak [mm]		7.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.401	0.407
psSAR10g [W/Kg]	0.202	0.187
Power Drift [dB]	N/A	0.11



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Group UID	WLAN 10315-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.05	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)		

Hardware Setup

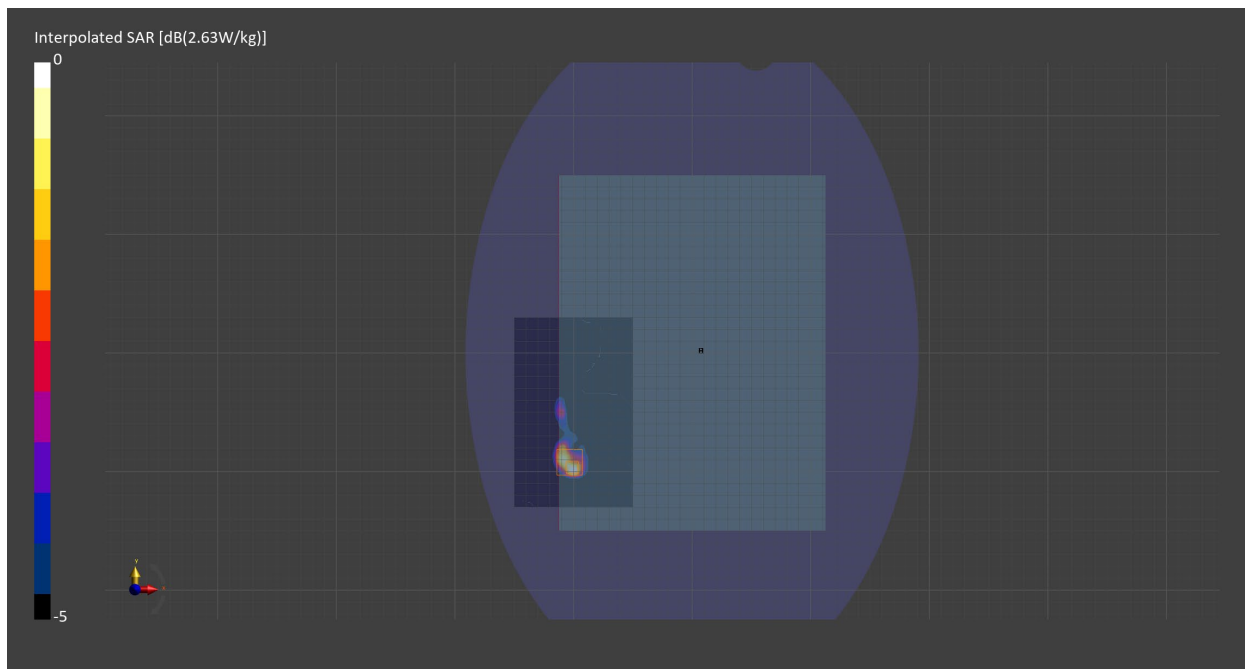
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL-600-10000 2023-Dec-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 160.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		72.1
Dist 3dB Peak [mm]		6.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.982	0.976
psSAR10g [W/Kg]	0.474	0.438
Power Drift [dB]	N/A	0.04



Measurement Report for U-NII-1, U-NII-2A, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	35.3
Frequency [MHz] Channel Number	5250.000 50	TSL Conductivity [S/m]	4.61
Group UID	WLAN 10636-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.2	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)		

Hardware Setup

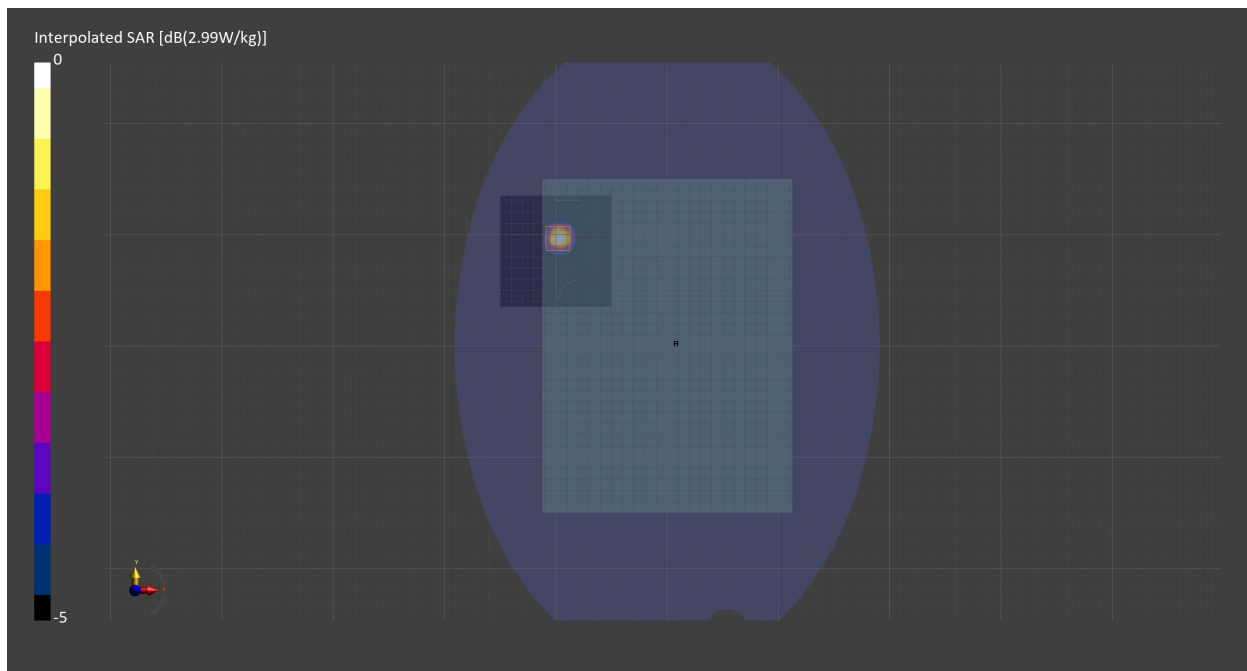
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	ELI V5.0 (20deg probe tilt) - SN1196
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL-600-10000 2023-Dec-27

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		9.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.744	0.805
psSAR10g [W/Kg]	0.273	0.281
Power Drift [dB]	N/A	0.18



Measurement Report for U-NII-1, U-NII-2A, EDGE BOTTOM, Chain 1

Exposure Conditions

Band	U-NII-1, U-NII-2A	TSL Permittivity	35.3
Frequency [MHz] Channel Number	5250.000 50	TSL Conductivity [S/m]	4.57
Group UID	WLAN 10636-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	6.01	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)		

Hardware Setup

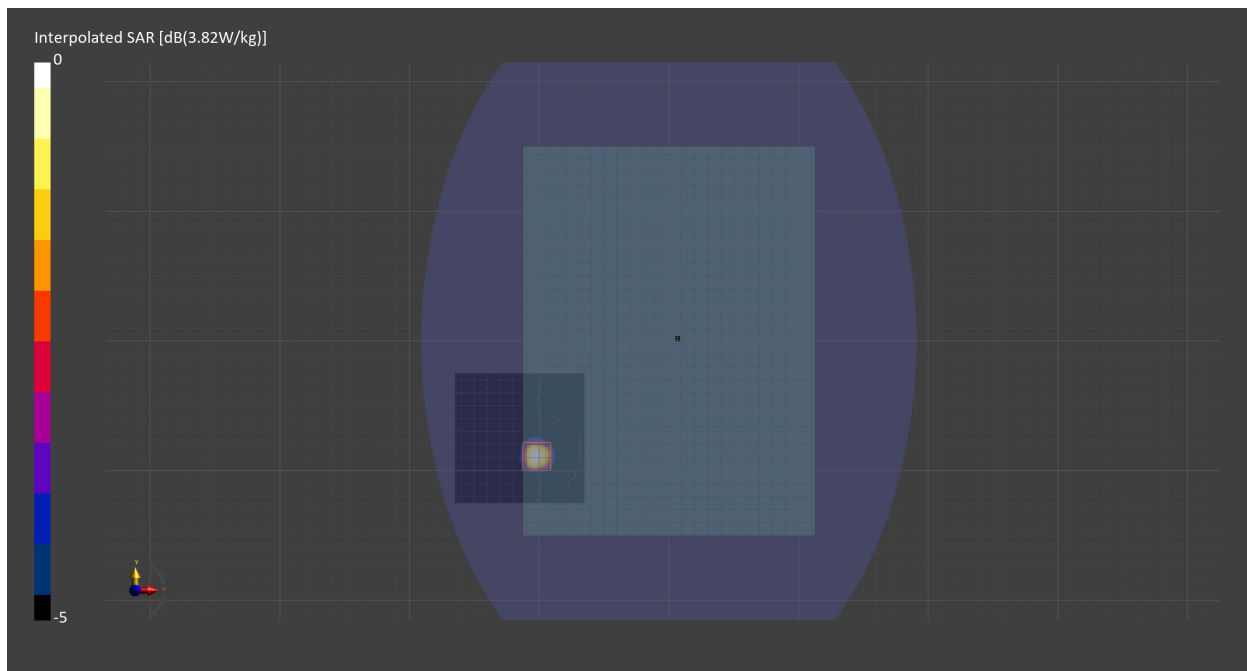
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	ELI V5.0 (20deg probe tilt) - SN1196
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Dec-11

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		9.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.988	1.05
psSAR10g [W/Kg]	0.354	0.357
Power Drift [dB]	N/A	0.10



Measurement Report for U-NII-2C Standalone, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	34.2
Frequency [MHz] Channel Number	5570.000 114	TSL Conductivity [S/m]	4.83
Group UID	WLAN 10636-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.98	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)		

Hardware Setup

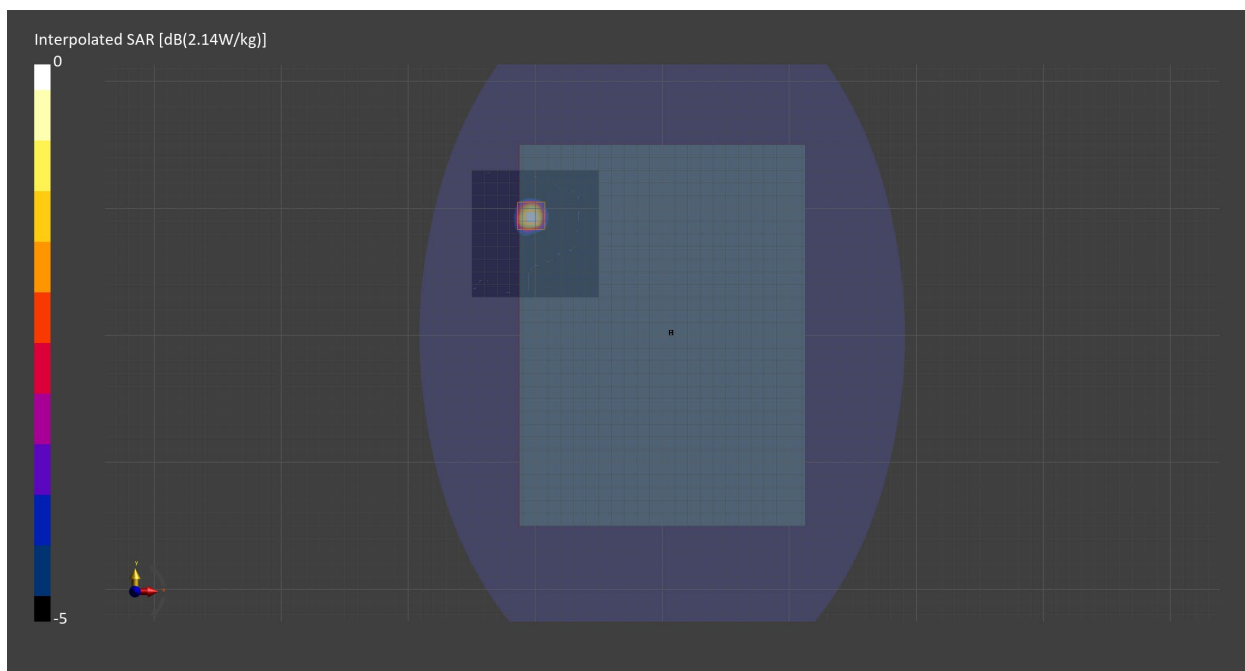
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Meas. Date	HBBL-600-10000 2024-Jan-08

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		63.4
Dist 3dB Peak [mm]		9.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.581	0.587
psSAR10g [W/Kg]	0.209	0.199
Power Drift [dB]	N/A	0.04



Measurement Report for U-NII-2C Standalone, EDGE BOTTOM, Chain 1

Exposure Conditions

Band	U-NII-2C Standalone	TSL Permittivity	34.2
Frequency [MHz] Channel Number	5570.000 114	TSL Conductivity [S/m]	4.83
Group UID	WLAN 10636-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.98	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)		

Hardware Setup

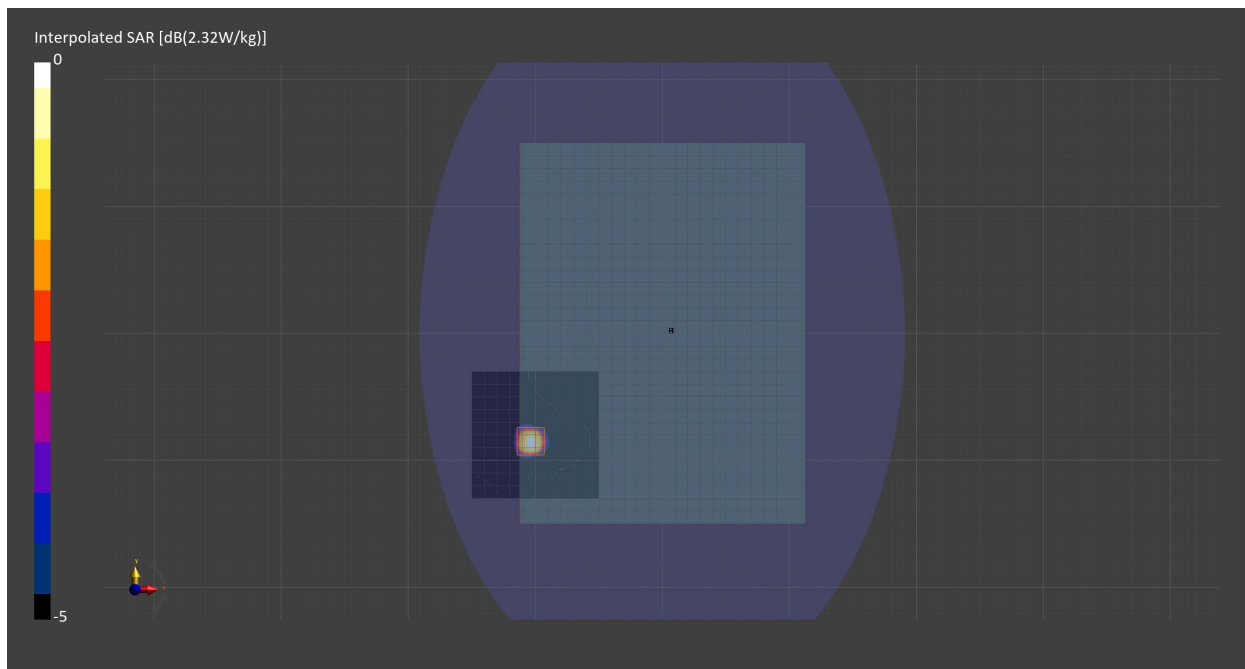
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Meas. Date	HBBL-600-10000 2024-Jan-08

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		8.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.595	0.632
psSAR10g [W/Kg]	0.215	0.209
Power Drift [dB]	N/A	-0.03



Measurement Report for Custom Band, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.7
Frequency [MHz] Channel Number	5815.000 5815000	TSL Conductivity [S/m]	5.12
Group UID	CW 10554-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.28	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)		

Hardware Setup

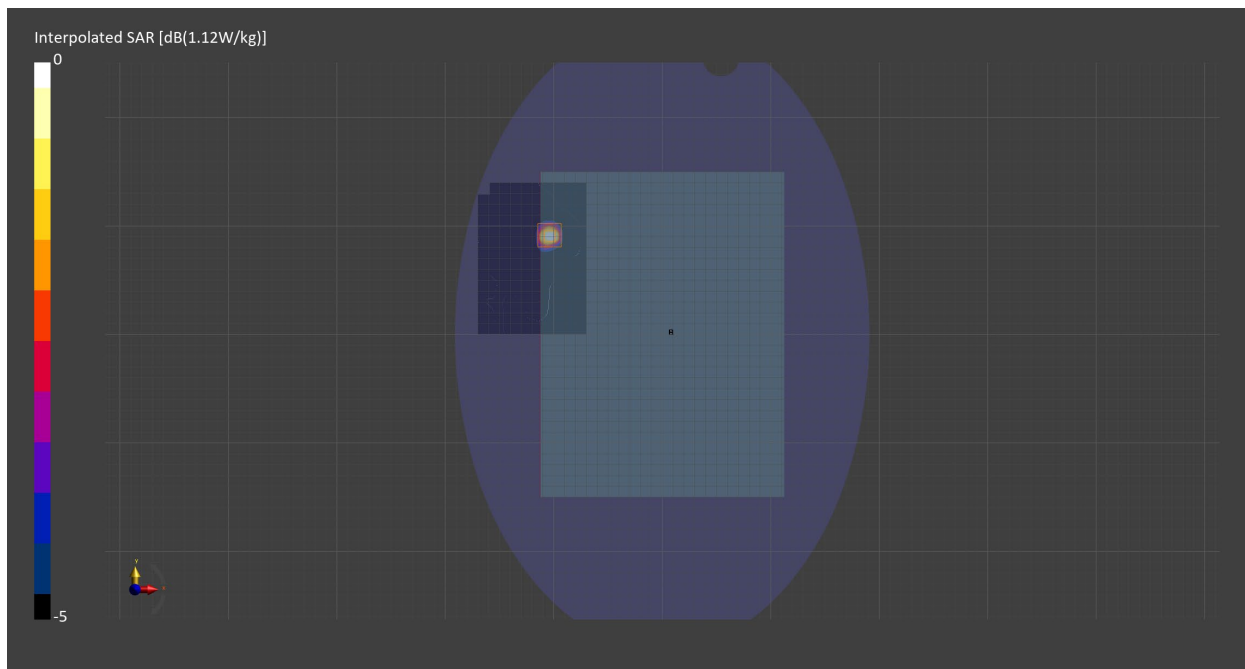
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2024-Jan-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 140.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		8.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.819	0.823
psSAR10g [W/Kg]	0.282	0.272
Power Drift [dB]	N/A	0.01



Measurement Report for Custom Band, EDGE BOTTOM, Chain 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.3
Frequency [MHz] Channel Number	5815.0 5815000	TSL Conductivity [S/m]	5.29
Group UID	CW 10554-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	5.28	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)		

Hardware Setup

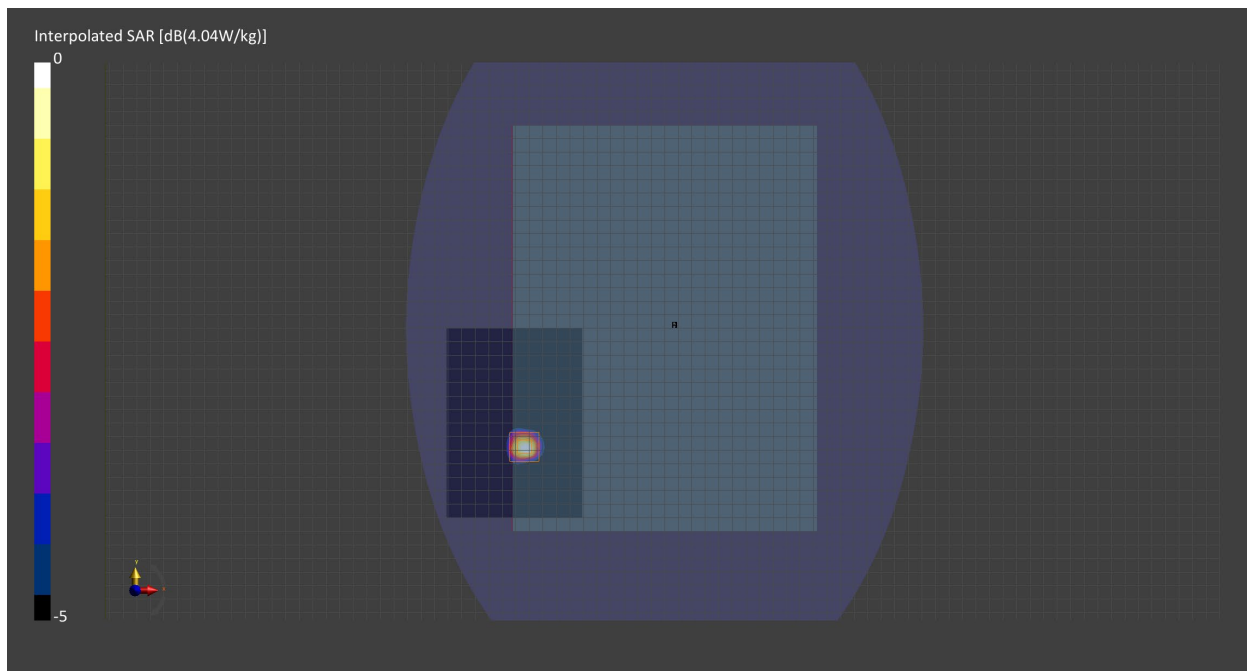
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	ELI V5.0 (20deg probe tilt) - SN1196
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2024-Jan-03

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 140.0	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
Graded Grid	Yes	Yes
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		8.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.977	1.03
psSAR10g [W/Kg]	0.342	0.344
Power Drift [dB]	n/a	0.45



Measurement Report for Custom Band, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	Custom Band	TSL Permittivity	34.3
Frequency [MHz] Channel Number	6105.000 6105000	TSL Conductivity [S/m]	5.63
Group UID	CW 11026-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.61	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)		

Hardware Setup

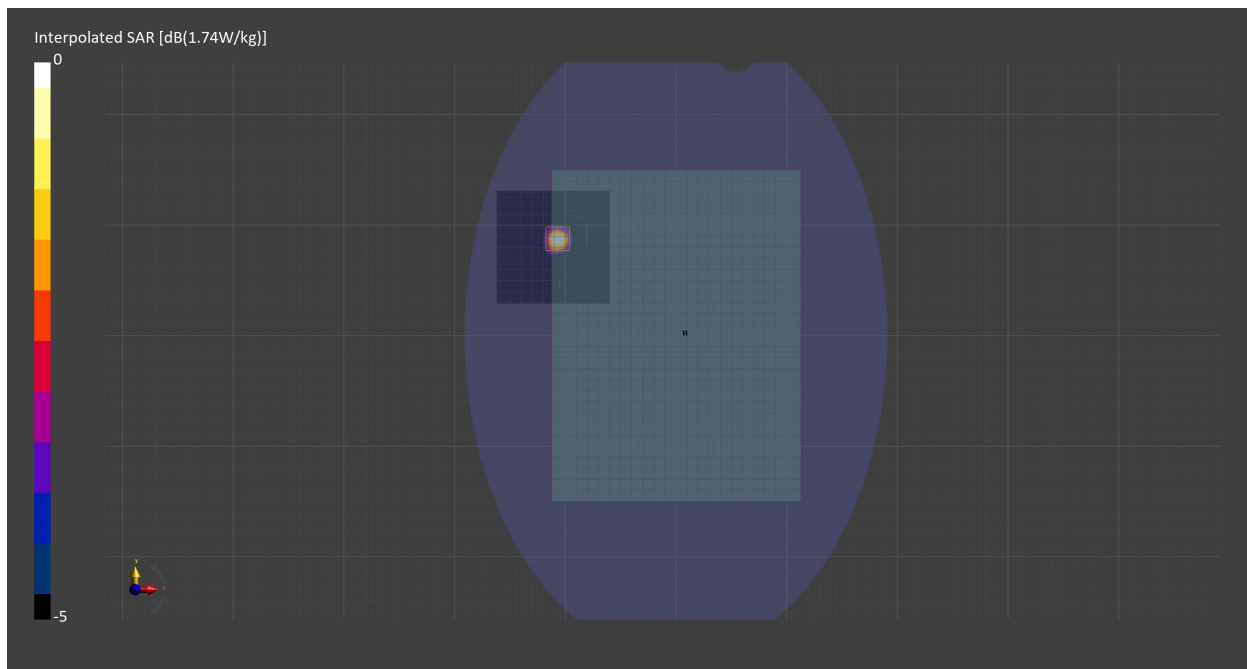
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	ELI V8.0 (20deg probe tilt) - SN2081
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL600-10000V6 2024-Jan-23

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 102.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		53.2
Dist 3dB Peak [mm]		8.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.391	0.401
psSAR10g [W/Kg]	0.133	0.132
Power Drift [dB]	N/A	0.10



Measurement Report for Custom Band, EDGE BOTTOM, Chain 1

Exposure Conditions

Band	Custom Band	TSL Permittivity	33.2
Frequency [MHz] Channel Number	6745.000 6745000	TSL Conductivity [S/m]	6.38
Group UID	CW 11026-AAA	Phantom Section TSL	Flat HSL
Conversion Factor	5.61	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)		

Hardware Setup

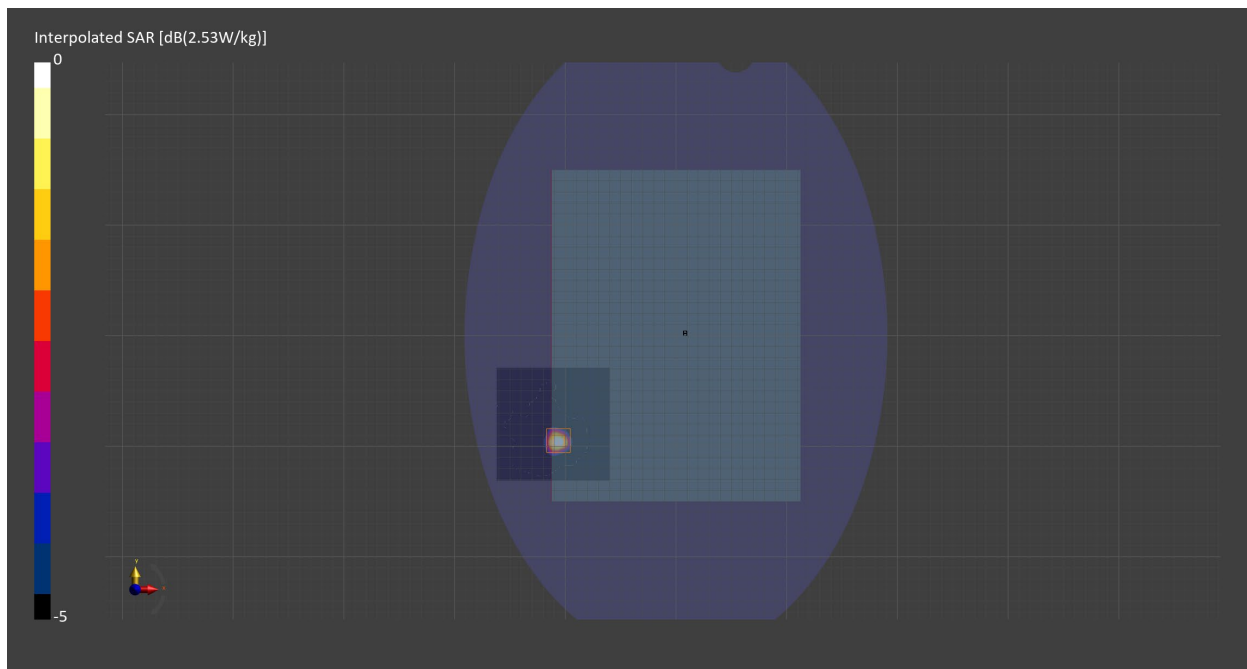
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DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL600-10000V6 2024-Jan-23

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 102.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		8.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.485	0.519
psSAR10g [W/Kg]	0.157	0.166
Power Drift [dB]	N/A	-0.01



Measurement Report for ISM 2.4 GHz Band, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.5
Frequency [MHz] Channel Number	2402.000 0	TSL Conductivity [S/m]	1.76
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.15.1 Bluetooth (GFSK, DH5)		

Hardware Setup

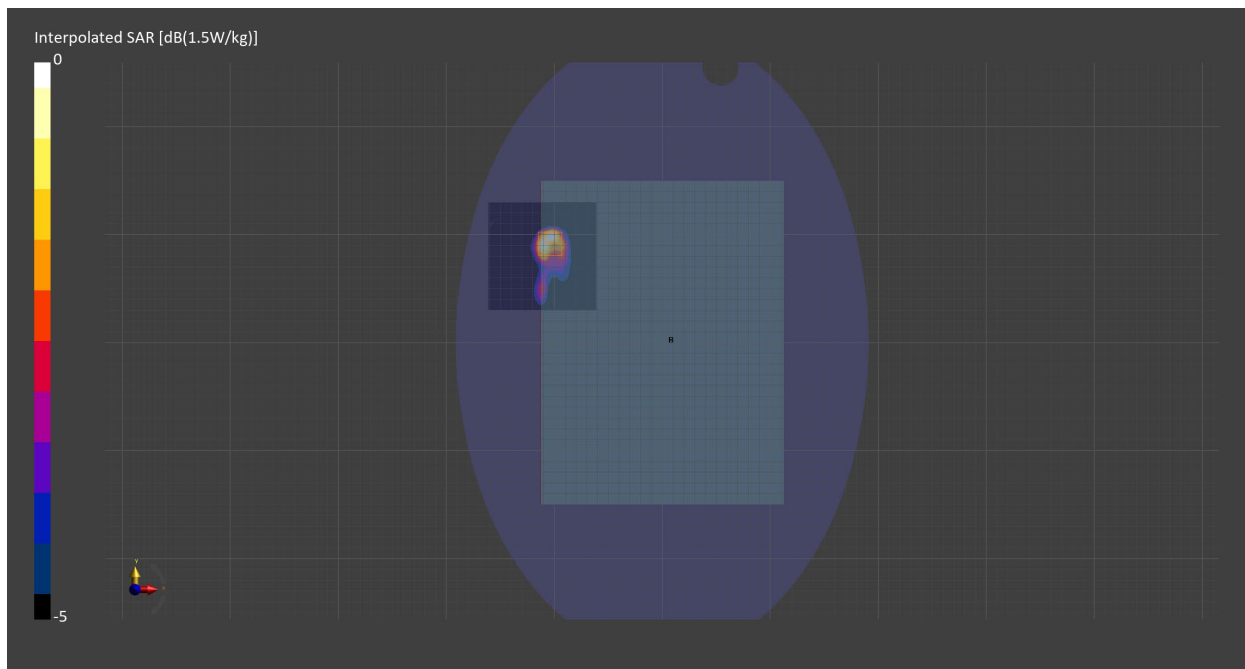
Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Meas. Date	HBBL-600-10000 2024-Jan-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		8.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.634	0.621
psSAR10g [W/Kg]	0.332	0.307
Power Drift [dB]	N/A	0.03



Measurement Report for ISM 2.4 GHz Band, EDGE BOTTOM, Chain 1

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.79
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.15.1 Bluetooth (GFSK, DH5)		

Hardware Setup

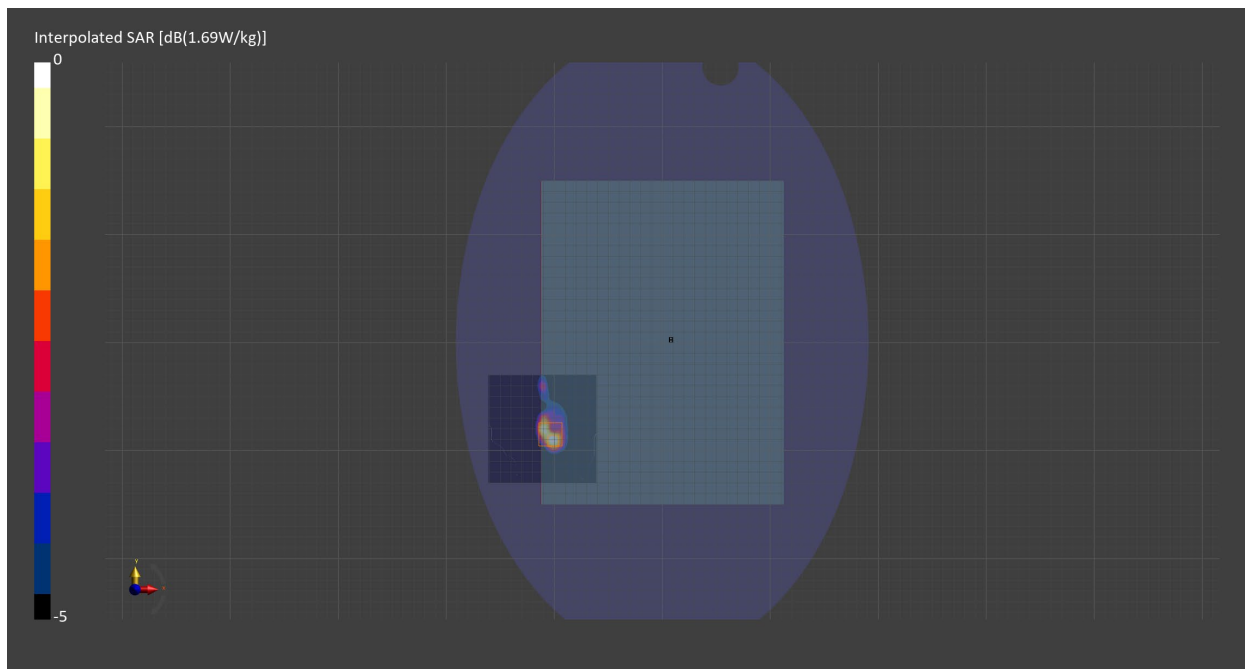
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DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Meas. Date	HBBL-600-10000 2024-Jan-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		72.8
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.545	0.636
psSAR10g [W/Kg]	0.263	0.282
Power Drift [dB]	N/A	-0.20



Measurement Report for ISM 2.4 GHz Band, EDGE BOTTOM, Chain 0

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.5
Frequency [MHz] Channel Number	2441.0 39	TSL Conductivity [S/m]	1.76
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.15.1 Bluetooth (GFSK, DH5)		

Hardware Setup

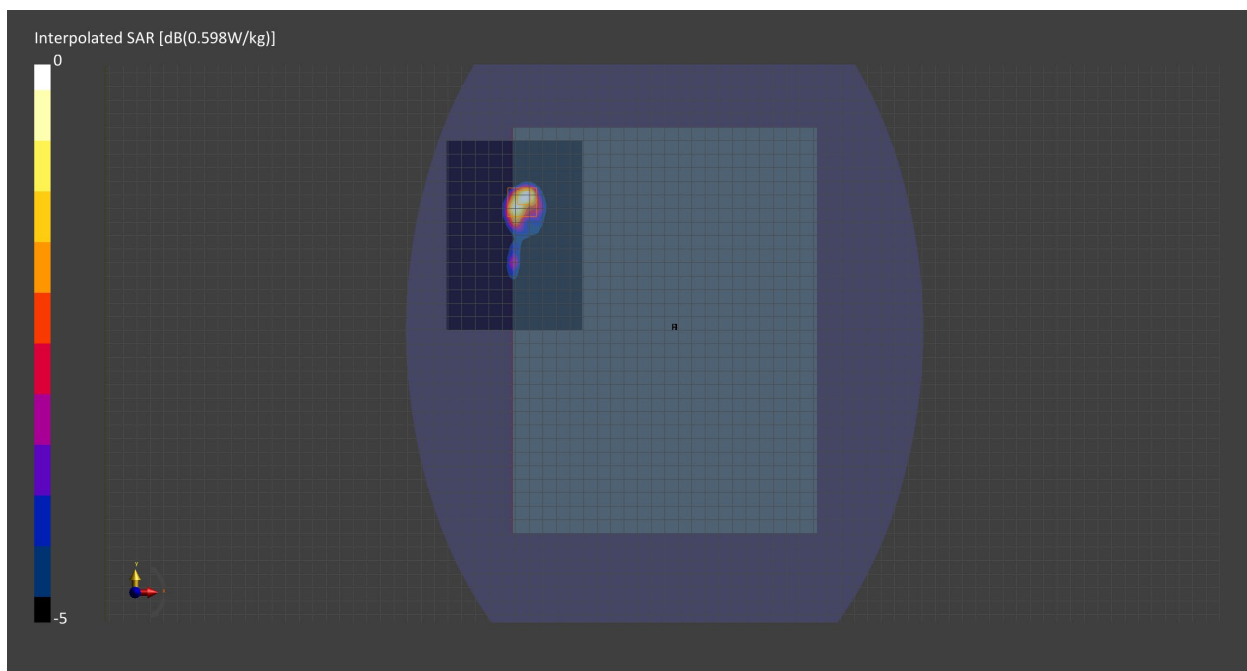
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DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Meas. Date	HBBL-600-10000 2024-Jan-08

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 140.0	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
Graded Grid	Yes	Yes
M2/M1 [%]		74.4
Dist 3dB Peak [mm]		8.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.244	0.252
psSAR10g [W/Kg]	0.121	0.118
Power Drift [dB]	n/a	-0.09



Measurement Report for ISM 2.4 GHz Band, EDGE BOTTOM, Chain 1

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	40.4
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.79
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.66	Test Distance [mm]	0.00
Communication Configuration	IEEE 802.15.1 Bluetooth (GFSK, DH5)		

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7709 2023-11-30	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1714 2023-11-22	TSL Meas. Date	HBBL-600-10000 2024-Jan-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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
Graded Grid	N/A	Yes
M2/M1 [%]		73.4
Dist 3dB Peak [mm]		7.1

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.283	0.258
psSAR10g [W/Kg]	0.133	0.117
Power Drift [dB]	N/A	0.02

