

Custom Band: Pulse Waveform (200Hz, 80%), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.1
Frequency [MHz] Channel Number	2010.000 2010000	TSL Conductivity [S/m]	1.39
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	10.00

Hardware Setup

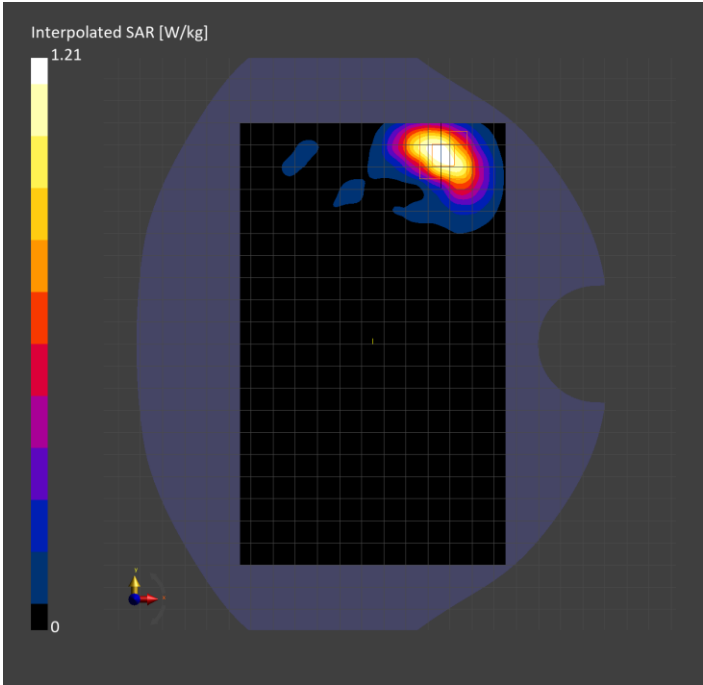
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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
Graded Grid	N/A	Yes
M2/M1 [%]		85.0
Dist 3dB Peak [mm]		8.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.21 [6.0, 84.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.663	0.678
psSAR10g [W/Kg]	0.341	0.340
Power Drift [dB]	N/A	-0.02



Custom Band: Pulse Waveform (200Hz, 80%), EDGE LEFT

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.1
Frequency [MHz] Channel Number	2010.000 2010000	TSL Conductivity [S/m]	1.39
Group UID	CW 10662-AAB	Phantom Section TSL	Flat HSL
Conversion Factor	8.19	Test Distance [mm]	0.00

Hardware Setup

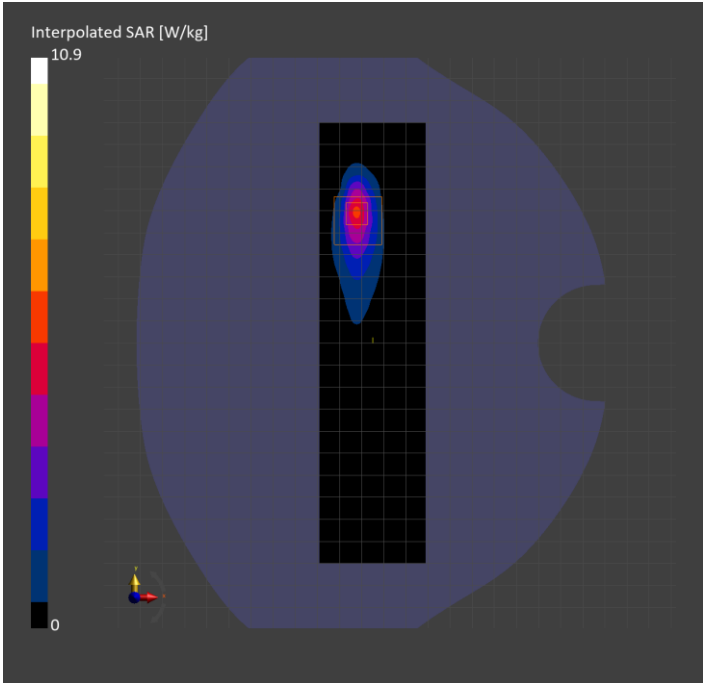
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		71.0
Dist 3dB Peak [mm]		5.8
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	10.9 [-31.6, 59.4, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.96	3.81
psSAR10g [W/Kg]	1.66	1.51
Power Drift [dB]	N/A	-0.01



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

Exposure Conditions

Band	PCS 1900	TSL Permittivity	39.3
Frequency [MHz] Channel Number	1880.000 661	TSL Conductivity [S/m]	1.40
Group UID	GSM 10028-DAC	Phantom Section TSL	Flat HSL
Conversion Factor	7.06	Test Distance [mm]	10.00

Hardware Setup

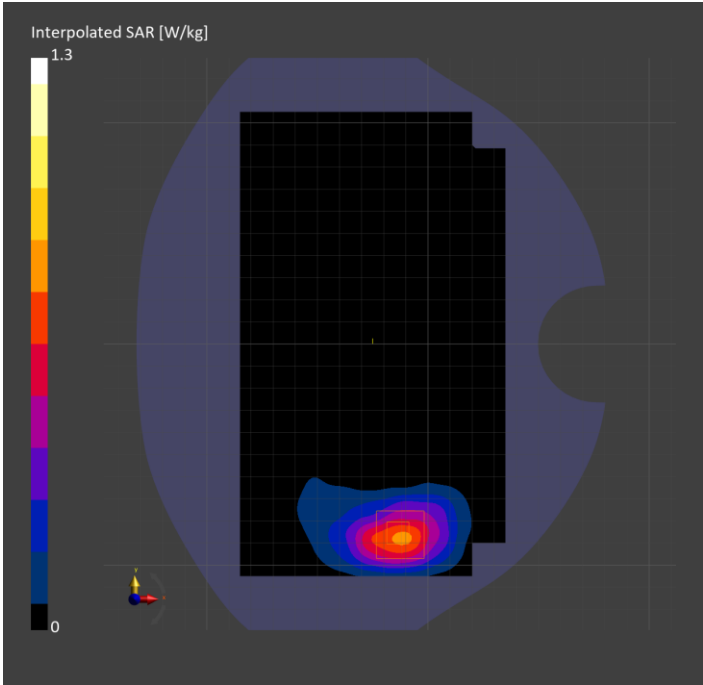
Probe Calibration Date	EX3DV4 - SN3686 2024-01-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1258 2024-03-12	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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
Graded Grid	N/A	Yes
M2/M1 [%]		83.6
Dist 3dB Peak [mm]		9.6
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.30 [-11.9, -84.9, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.636	0.733
psSAR10g [W/Kg]	0.348	0.388
Power Drift [dB]	N/A	0.07



Band n7: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:Low
AntennaCfg:SISO, EDGE BOTTOM

Exposure Conditions

Band	Band n7	TSL Permittivity	38.7
Frequency [MHz] Channel Number	2535.000 507000	TSL Conductivity [S/m]	1.81
Group UID	5G NR FR1 FDD 10935-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	7.64	Test Distance [mm]	0.00

Hardware Setup

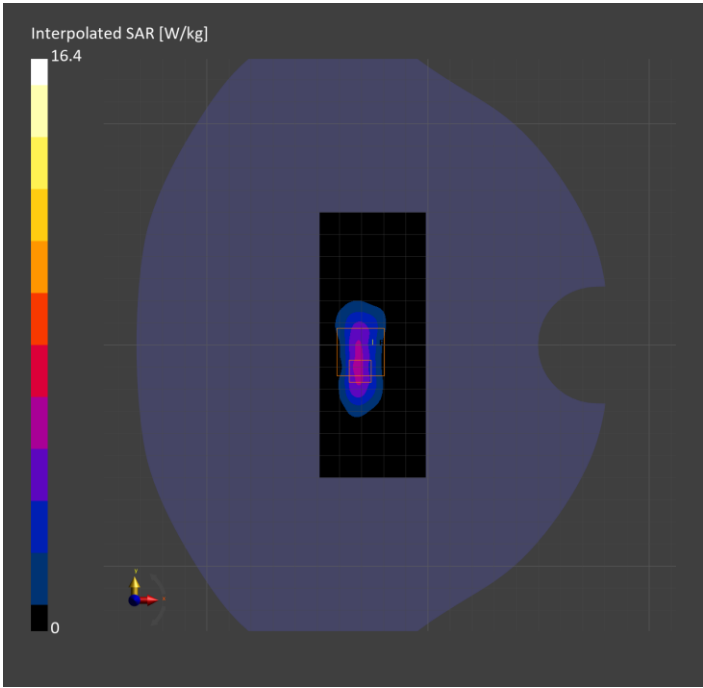
Probe Calibration Date	EX3DV4 - SN3885 2023-10-12	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1787 2023-05-03	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		64.8
Dist 3dB Peak [mm]		5.4
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	16.4 [-30.3, -11.1, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.26	4.58
psSAR10g [W/Kg]	1.79	1.72
Power Drift [dB]	N/A	0.05



Band n48: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid

AntennaCfg:SISO, CHEEK

Exposure Conditions

Band	Band n48	TSL Permittivity	40.3
Frequency [MHz] Channel Number	3643.315 642888	TSL Conductivity [S/m]	2.85
Group UID	5G NR FR1 TDD 10913-AAD	Phantom Section TSL	RightHead HSL
Conversion Factor	6.89	Test Distance [mm]	0.00

Hardware Setup

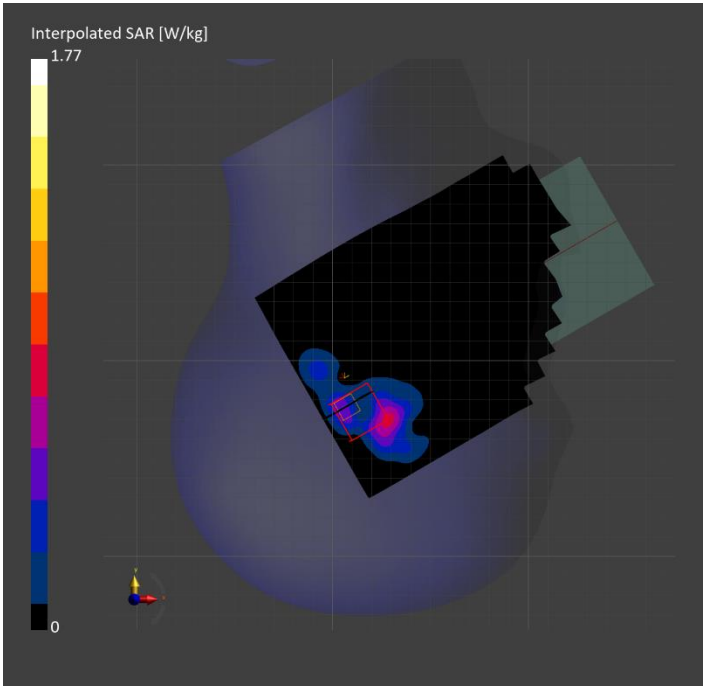
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	2.8 x 2.8 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		4.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.77 [7.1, -322.5, -173.5]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.548	0.548
psSAR10g [W/Kg]	0.215	0.169
Power Drift [dB]	N/A	-0.02



WLAN 2.4GHz: IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble), CHEEK

Exposure Conditions

Band	WLAN 2.4GHz	TSL Permittivity	39.8
Frequency [MHz] Channel Number	2437.000 6	TSL Conductivity [S/m]	1.71
Group UID	WLAN 10419-AAA	Phantom Section TSL	LeftHead HSL
Conversion Factor	7.1	Test Distance [mm]	0.00

Hardware Setup

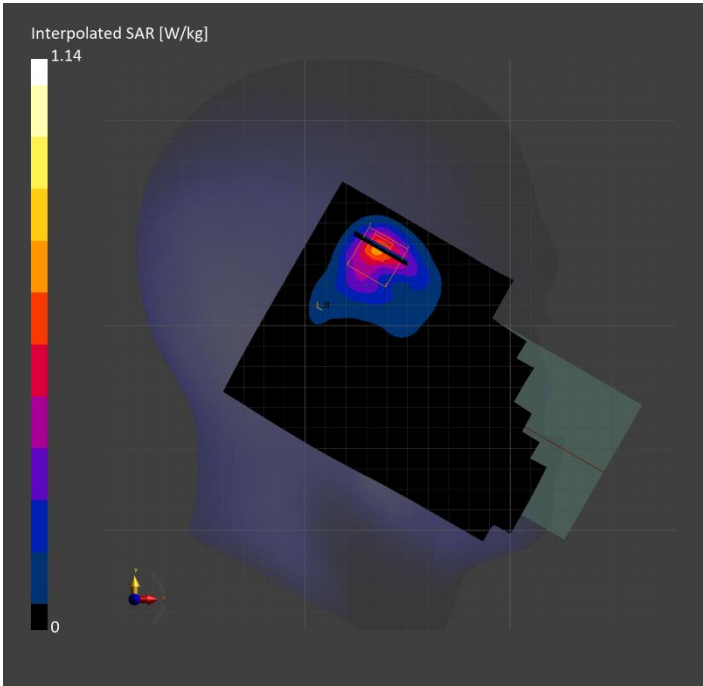
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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
Graded Grid	N/A	Yes
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		5.9
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.14 [37.4, 340.1, -173.6]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.513	0.525
psSAR10g [W/Kg]	0.242	0.239
Power Drift [dB]	N/A	0.03



Custom Band: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), BACK

Exposure Conditions

Band	Custom Band	TSL Permittivity	38.1
Frequency [MHz] Channel Number	5835.000 5835000	TSL Conductivity [S/m]	5.49
Group UID	CW 10114-CAE	Phantom Section TSL	Flat HSL
Conversion Factor	5.16	Test Distance [mm]	10.00

Hardware Setup

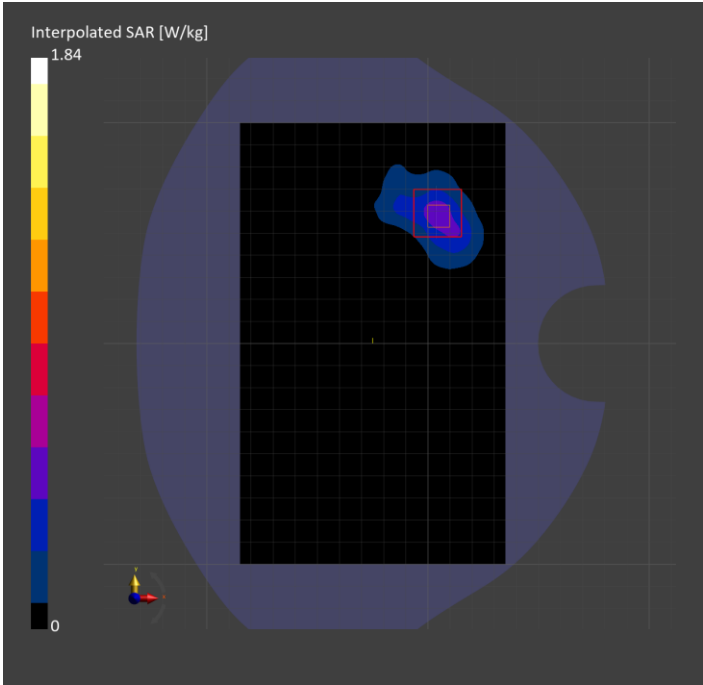
Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

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
Graded Grid	N/A	Yes
M2/M1 [%]		57.7
Dist 3dB Peak [mm]		9.7
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.84 [3.5, 59.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.430	0.450
psSAR10g [W/Kg]	0.160	0.164
Power Drift [dB]	N/A	-0.03



WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), EDGE LEFT

Exposure Conditions

Band	WLAN 5GHz	TSL Permittivity	37.0
Frequency [MHz] Channel Number	5610.000 122	TSL Conductivity [S/m]	4.85
Group UID	WLAN 10544-AAD	Phantom Section TSL	Flat HSL
Conversion Factor	4.7	Test Distance [mm]	0.00

Hardware Setup

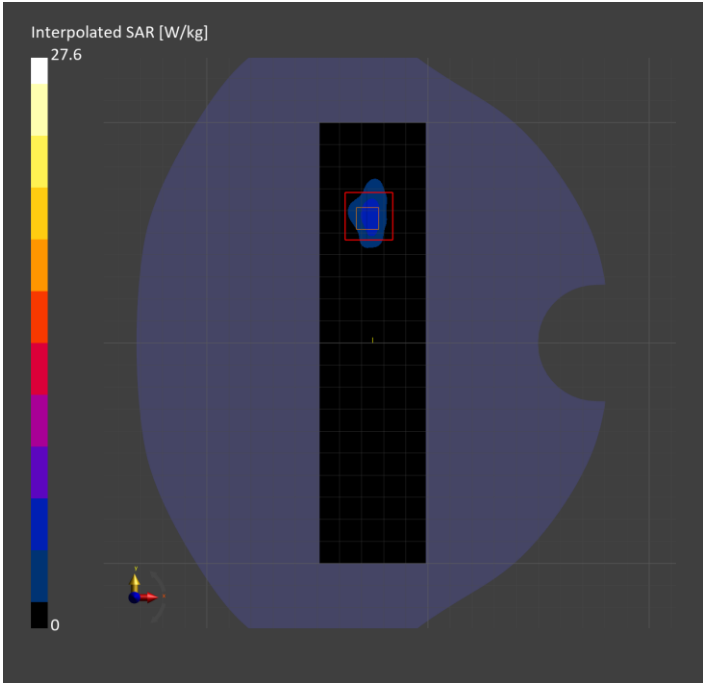
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 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 [%]		58.0
Dist 3dB Peak [mm]		5.1
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	27.7 [-27.0, 57.7, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.10	5.53
psSAR10g [W/Kg]	1.24	1.44
Power Drift [dB]	N/A	-0.13



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

Exposure Conditions

Band	ISM 2.4 GHz Band	TSL Permittivity	39.8
Frequency [MHz] Channel Number	2441.000 39	TSL Conductivity [S/m]	1.71
Group UID	Bluetooth 10032-CAA	Phantom Section TSL	Flat HSL
Conversion Factor	7.1	Test Distance [mm]	10.00

Hardware Setup

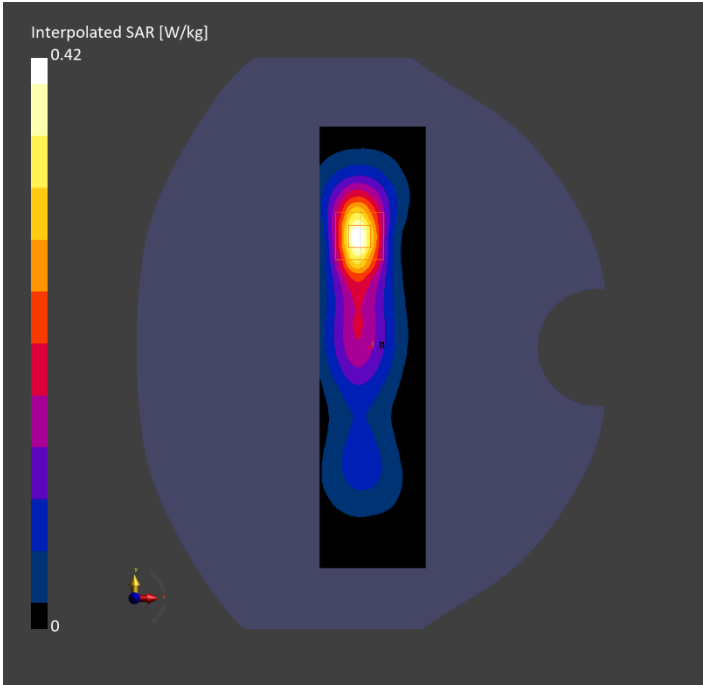
Probe Calibration Date	EX3DV4 - SN3990 2024-02-28	Phantom	Twin-SAM V5.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1239 2024-03-06	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 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]		8.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.420 [-30.7, 49.5, -207.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.206	0.210
psSAR10g [W/Kg]	0.097	0.096
Power Drift [dB]	N/A	0.10



Custom Band: NFC, BACK

Exposure Conditions

Band	NFC	TSL Permittivity	56.1
Frequency [MHz] Channel Number	13.600 13600	TSL Conductivity [S/m]	0.764
Group UID	CW 0--	Phantom Section TSL	Flat HSL
Conversion Factor	18.85	Test Distance [mm]	0.00

Hardware Setup

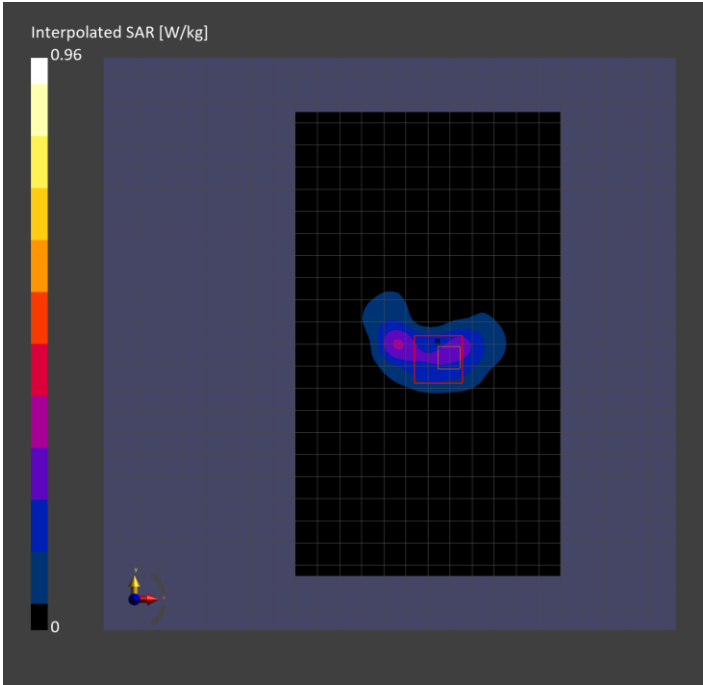
Probe Calibration Date	EX3DV4 - SN3989 2024-01-09	Phantom	ELI V8.0 (20deg probe tilt)
DAE Calibration Date	DAE4 Sn1674 2023-05-11	TSL Type	HBBL4-250V3
Software Version	16.2.4.2524		

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	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		62.9
Dist 3dB Peak [mm]		7.0
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	0.960 [11.0, -5.6, -177.0]

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.281	0.307
psSAR10g [W/Kg]	0.193	0.133
Power Drift [dB]	N/A	-0.03



U-NII-6: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), CHEEK

Exposure Conditions

Band	U-NII-6	TSL Permittivity	35.1
Frequency [MHz] Channel Number	6505.000 111	TSL Conductivity [S/m]	5.78
Group UID	WLAN 10755-AAC	Phantom Section TSL	RightHead HSL
Conversion Factor	5.59	Test Distance [mm]	0.00

Hardware Setup

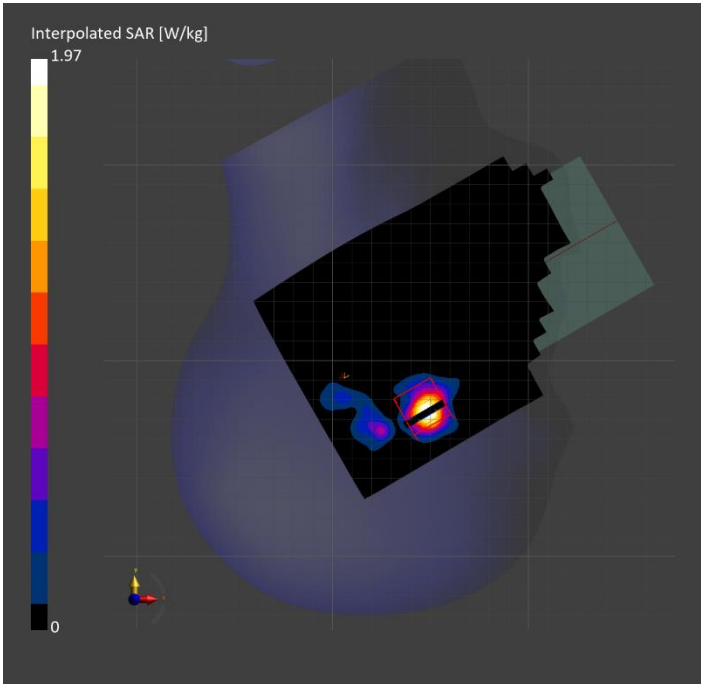
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DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	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 [%]		55.0
Dist 3dB Peak [mm]		6.2
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	1.97 [48.2, -329.3, -174.2]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.340	0.425	N/A
psSAR8g [W/Kg]	0.115	0.138	N/A
psSAR10g [W/Kg]	0.10	0.118	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	2.76
Power Drift [dB]	N/A	-0.11	-0.11



U-NII-7: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), FRONT

Exposure Conditions

Band	U-NII-7	TSL Permittivity	35.0
Frequency [MHz] Channel Number	6665.000 143	TSL Conductivity [S/m]	6.14
Group UID	WLAN 10755-AAC	Phantom Section TSL	Flat HSL
Conversion Factor	5.59	Test Distance [mm]	0.00

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7657 2023-05-30	Phantom	Twin-SAM V8.0 (30deg probe tilt)
DAE Calibration Date	DAE4 Sn1545 2024-02-09	TSL Type	HBBL-600-10000
Software Version	16.2.4.2524		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.9 x 2.9 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
M2/M1 [%]		48.4
Dist 3dB Peak [mm]		4.5
Peak SAR [W/kg] SAR Peak Location [mm]	N/A	3.15 [-62.8, 50.8, -207.0]

Measurement Results

	Area Scan	Zoom Scan	APD
psSAR1g [W/Kg]	0.509	0.549	N/A
psSAR8g [W/Kg]	0.174	0.168	N/A
psSAR10g [W/Kg]	0.150	0.141	N/A
psAPD (4.0cm², sq.) [W/m²]	N/A	N/A	3.35
Power Drift [dB]	N/A	-0.05	-0.05

