

Appendix B. – SAR Test Plots

EUT Type: Mobile Phone
Ambient Temperature: 21.2 °C
Liquid Temperature: 21.1 °C
Test Date: 04/10/2026
Band: GSM850 Head_Ant.A
Plot No.: A1

Measurement Report for Device, CHEEK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1-2), Channel 190 (836.600 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	GSM 850	GSM, 10027	836.600, 190	9.8	0.937	42.7

Hardware Setup

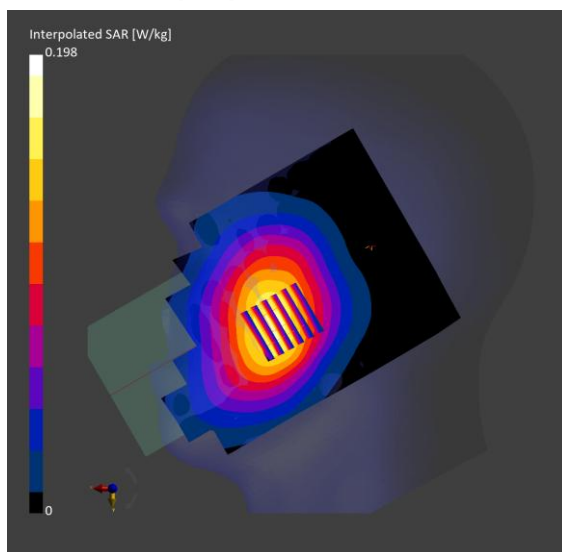
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.151	0.158
psSAR10g [W/Kg]	0.103	0.122
Power Drift [dB]	0.07	0.08
M2/M1 [%]		92.6
Dist 3dB Peak [mm]		> 15.0



EUT Type: Mobile Phone
 Ambient Temperature: 21.2 °C
 Liquid Temperature: 21.1 °C
 Test Date: 04/10/2026
 Band: GSM850 Body_Ant.A
 Plot No.: A2
 Measurement Report for Device, BACK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 190 (836.600 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	GSM 850	GSM, 10024	836.600, 190	9.8	0.937	42.7

Hardware Setup

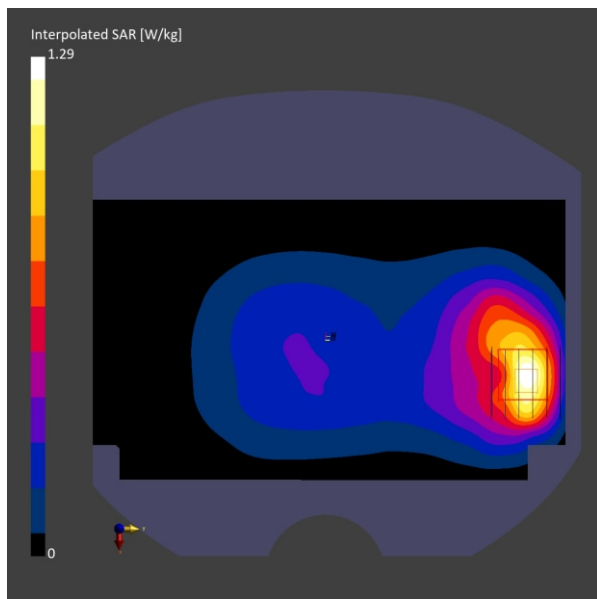
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.609	0.586
psSAR10g [W/Kg]	0.372	0.310
Power Drift [dB]	-0.05	-0.05
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		8.8



EUT Type: Mobile Phone
 Ambient Temperature: 21.1 °C
 Liquid Temperature: 21.0 °C
 Test Date: 04/09/2026
 Band: GSM1900 Head_Ant.A
 Plot No.: A3
 Measurement Report for Device, CHEEK, PCS 1900, GPRS-FDD (TDMA, GMSK, TN 0-1-2), Channel 661 (1880.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	PCS 1900	GSM, 10027	1880.000, 661	8.19	1.44	39.6

Hardware Setup

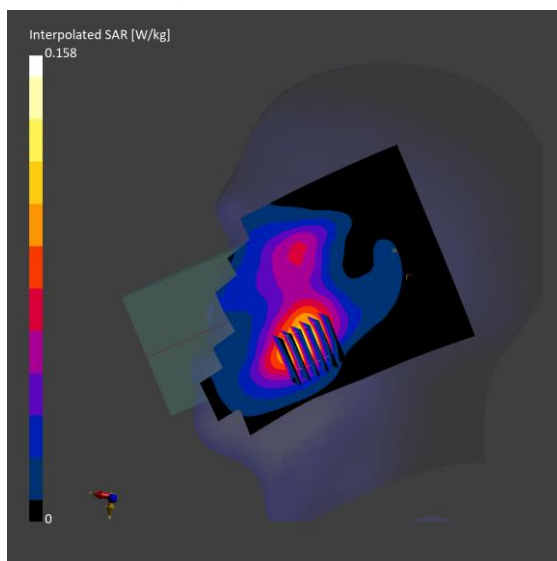
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.106	0.114
psSAR10g [W/Kg]	0.061	0.072
Power Drift [dB]	-0.19	-0.17
M2/M1 [%]		92.7
Dist 3dB Peak [mm]		15.8



EUT Type: Mobile Phone
 Ambient Temperature: 21.1 °C
 Liquid Temperature: 21.0 °C
 Test Date: 04/09/2026
 Band: GSM1900 Body_Ant.A
 Plot No.: A4
 Measurement Report for Device, BACK, PCS 1900, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 661 (1880.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	PCS 1900	GSM, 10024	1880.000, 661	8.19	1.44	39.6

Hardware Setup

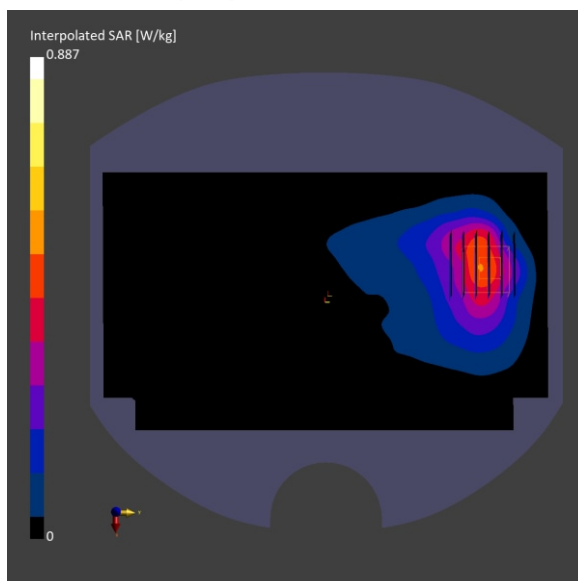
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.428	0.433
psSAR10g [W/Kg]	0.245	0.247
Power Drift [dB]	0.08	0.04
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		8.5



EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.7 °C
Test Date: 04/01/2026
Band: UMTS5 Head_Ant.A
Plot No.: A5
Measurement Report for Device, CHEEK, Band 5, UMTS-FDD: Rel. 99, RMC, QPSK, 5.0 MHz, Channel 4183 (836.600 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 5	UMTS-FDD, 10011	836.600, 4183	9.8	0.933	42.5

Hardware Setup

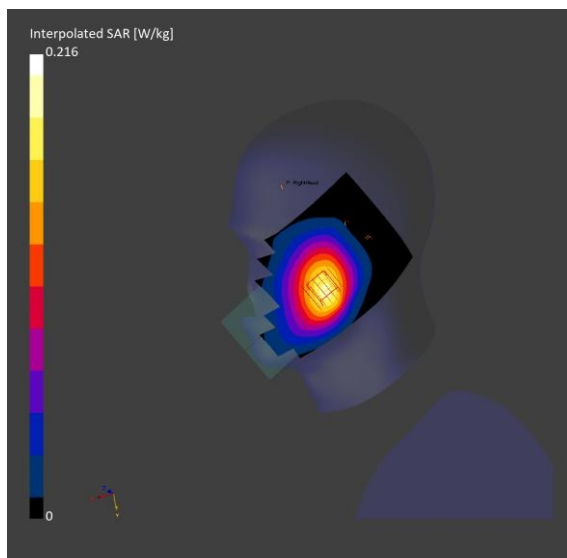
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.164	0.172
psSAR10g [W/Kg]	0.112	0.130
Power Drift [dB]	0.04	-0.04
M2/M1 [%]		92.6
Dist 3dB Peak [mm]		> 15.0



EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.7 °C
Test Date: 04/01/2026
Band: UMTS5 Body_Ant.A
Plot No.: A6
Measurement Report for Device, BACK, Band 5, UMTS-FDD: Rel. 99, RMC, QPSK, 5.0 MHz, Channel 4233 (846.600 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 5	UMTS-FDD, 10011	846.600, 4233	9.8	0.937	42.4

Hardware Setup

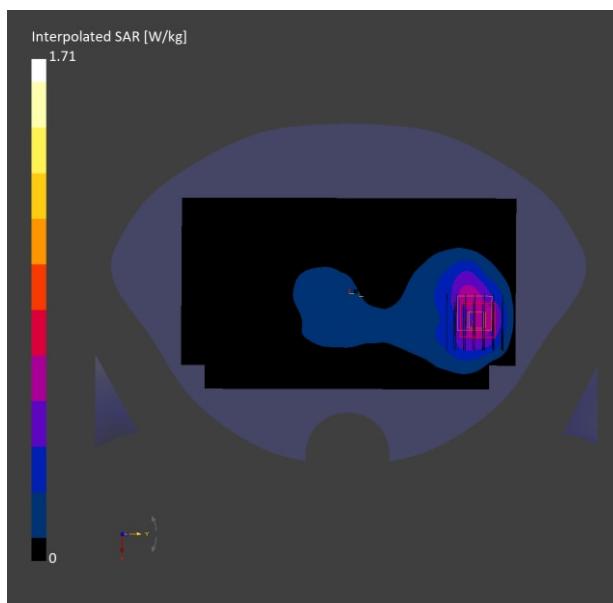
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.579	0.713
psSAR10g [W/Kg]	0.382	0.367
Power Drift [dB]	-0.01	-0.04
M2/M1 [%]		73.3
Dist 3dB Peak [mm]		8.3



EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.2 °C
Test Date: 04/08/2026
Band: UMTS4 Head_Ant.A
Plot No.: A7
Measurement Report for Device, CHEEK, Band 4, UMTS-FDD: Rel. 99, RMC, QPSK, 5.0 MHz, Channel 1413 (1732.600 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band 4	UMTS-FDD, 10011	1732.600, 1413	7.43	1.33	40.0

Hardware Setup

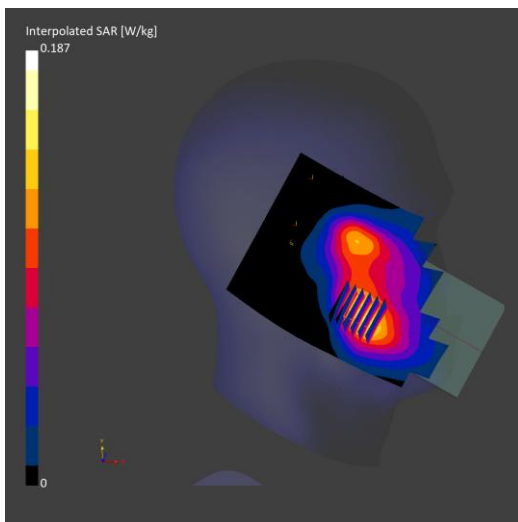
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.125	0.136
psSAR10g [W/Kg]	0.077	0.092
Power Drift [dB]	0.02	0.01
M2/M1 [%]		91.6
Dist 3dB Peak [mm]		14.3



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 04/08/2026
 Band: UMTS4 Body_Ant.A
 Plot No.: A8
 Measurement Report for Device, EDGE BOTTOM, Band 4, UMTS-FDD: Rel. 99, RMC, QPSK, 5.0 MHz,
 Channel 1413 (1732.600 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE BOTTOM, 10.00	Band 4	UMTS-FDD, 10011	1732.600, 1413	7.43	1.33	40.0

Hardware Setup

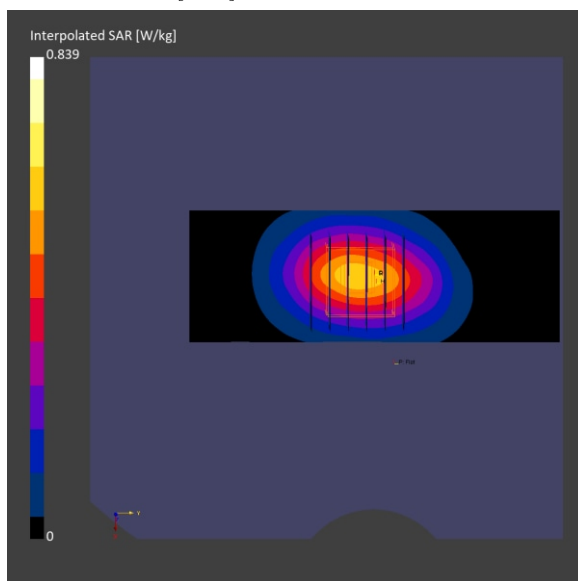
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.496	0.506
psSAR10g [W/Kg]	0.278	0.294
Power Drift [dB]	-0.11	-0.00
M2/M1 [%]		85.5
Dist 3dB Peak [mm]		11.9



EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.4 °C
 Test Date: 03/27/2026
 Band: UMTS2 Head_Ant.A
 Plot No.: A9
 Measurement Report for Device, CHEEK, Band 2, UMTS-FDD (WCDMA), Channel 9400 (1880.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 2	WCDMA, 10011	1880.000, 9400	7.24	1.44	39.6

Hardware Setup

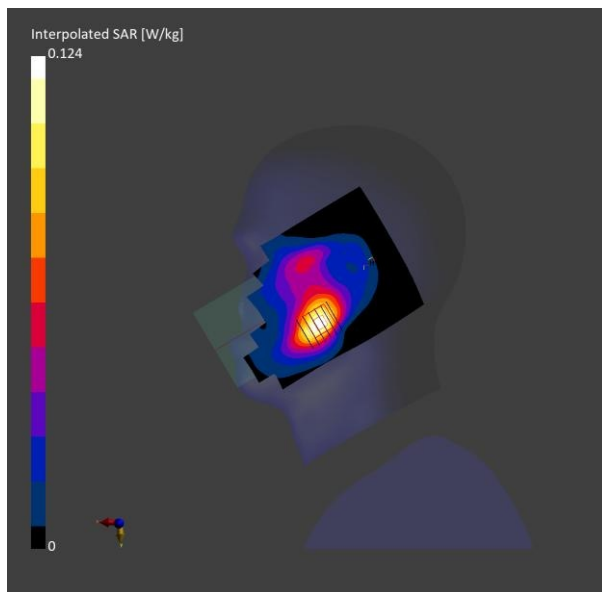
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.088	0.092
psSAR10g [W/Kg]	0.050	0.059
Power Drift [dB]	0.09	0.05
M2/M1 [%]		93.0
Dist 3dB Peak [mm]		13.6



EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.4 °C
 Test Date: 03/27/2026
 Band: UMTS2 Body_Ant.A
 Plot No.: A10
 Measurement Report for Device, BACK, Band 2, UMTS-FDD: Rel. 99, RMC, QPSK, 5.0 MHz, Channel 9400 (1880.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 2	UMTS-FDD, 10011	1880.000, 9400	7.24	1.44	39.6

Hardware Setup

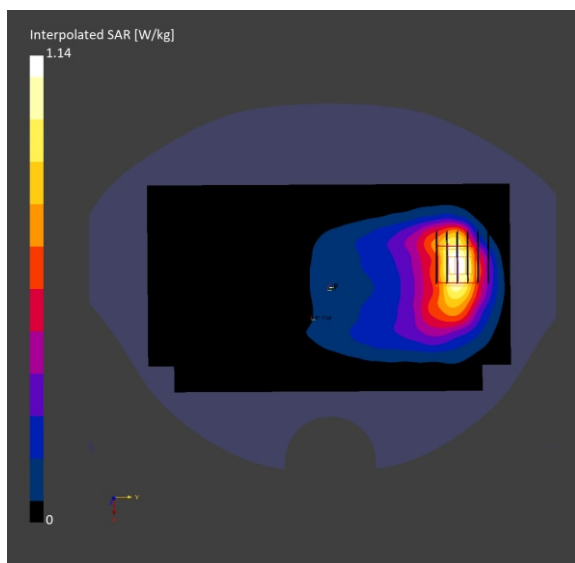
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.549	0.586
psSAR10g [W/Kg]	0.310	0.324
Power Drift [dB]	0.01	0.06
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		8.8



EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 21.0 °C
Test Date: 03/18/2026
Band: LTE12 Head_Ant.A
Plot No.: A11

Measurement Report for Device, CHEEK, Band 12, LTE-FDD: 10.0 MHz, QPSK, 1 RB (Low), Channel 23095 (707.500 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 12	LTE-FDD, 10175	707.500, 23095	10.06	0.873	43.1

Hardware Setup

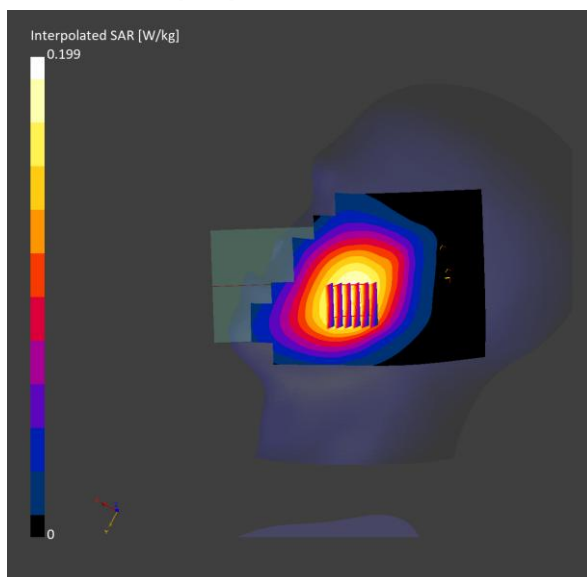
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.165	0.173
psSAR10g [W/Kg]	0.116	0.139
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		96.1
Dist 3dB Peak [mm]		> 15.0



EUT Type: Mobile Phone
 Ambient Temperature: 21.1 °C
 Liquid Temperature: 21.0 °C
 Test Date: 03/18/2026
 Band: LTE12 Body_Ant.A
 Plot No.: A12
 Measurement Report for Device, BACK, Band 12, LTE-FDD: 10.0 MHz, QPSK, 1 RB (Mid), Channel 23095 (707.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 12	LTE-FDD, 10175	707.500, 23095	10.06	0.873	43.1

Hardware Setup

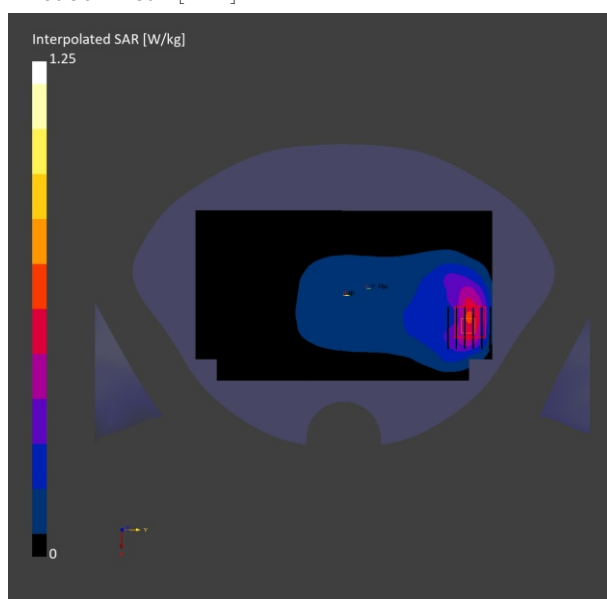
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.537	0.532
psSAR10g [W/Kg]	0.332	0.278
Power Drift [dB]	-0.00	-0.01
M2/M1 [%]		69.4
Dist 3dB Peak [mm]		7.3



EUT Type: Mobile Phone
 Ambient Temperature: 20.8 °C
 Liquid Temperature: 20.7 °C
 Test Date: 03/19/2026
 Band: LTE13 Head_Ant.A
 Plot No.: A13
 Measurement Report for Device, CHEEK, Band 13, LTE-FDD: 10.0 MHz, QPSK, 1 RB (Mid), Channel 23230 (782.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 13	LTE-FDD, 10175	782.000, 23230	10.06	0.904	42.9

Hardware Setup

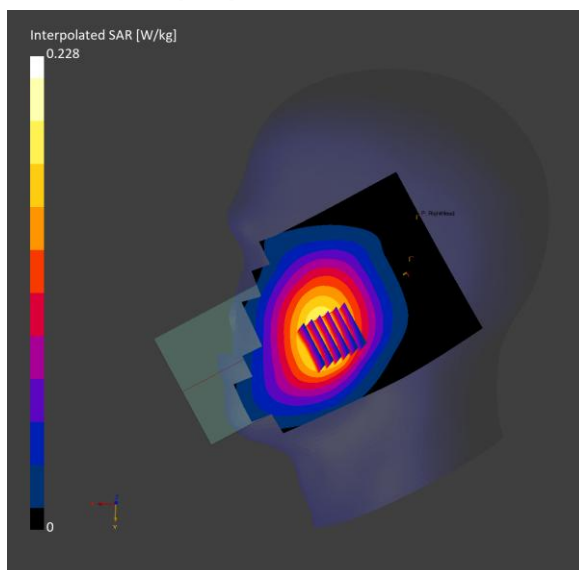
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.180	0.189
psSAR10g [W/Kg]	0.124	0.146
Power Drift [dB]	-0.10	0.18
M2/M1 [%]		96.0
Dist 3dB Peak [mm]		> 15.0



EUT Type: Mobile Phone
 Ambient Temperature: 20.8 °C
 Liquid Temperature: 20.7 °C
 Test Date: 03/19/2026
 Band: LTE13 Body_Ant.A
 Plot No.: A14
 Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
 RBPosition:Mid, Channel 23230 (782.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 13	LTE-FDD, 10175	782.000, 23230	10.06	0.904	42.9

Hardware Setup

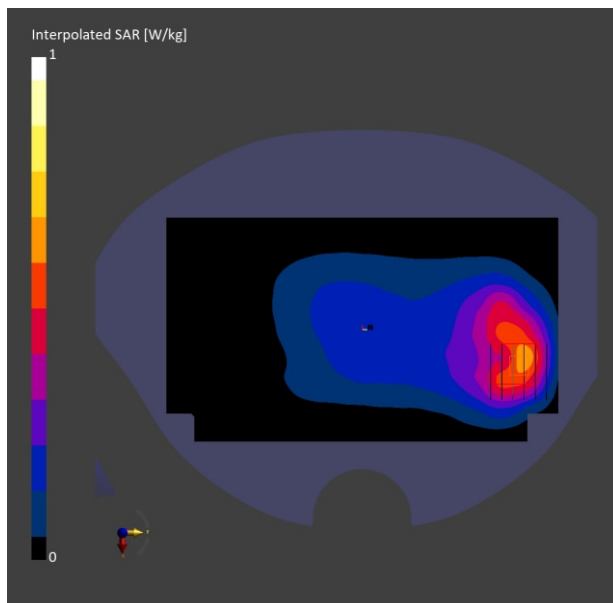
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.535	0.625
psSAR10g [W/Kg]	0.346	0.324
Power Drift [dB]	0.00	0.02
M2/M1 [%]		75.6
Dist 3dB Peak [mm]		8.4



EUT Type: Mobile Phone
Ambient Temperature: 20.3 °C
Liquid Temperature: 20.2 °C
Test Date: 04/02/2026
Band: LTE5 Head_Ant.A
Plot No.: A15
Measurement Report for Device, CHEEK, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
RBPosition:Mid AntennaCfg:SISO, Channel 20525 (836.500 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 5	LTE-FDD, 10175	836.500, 20525	9.8	0.937	42.7

Hardware Setup

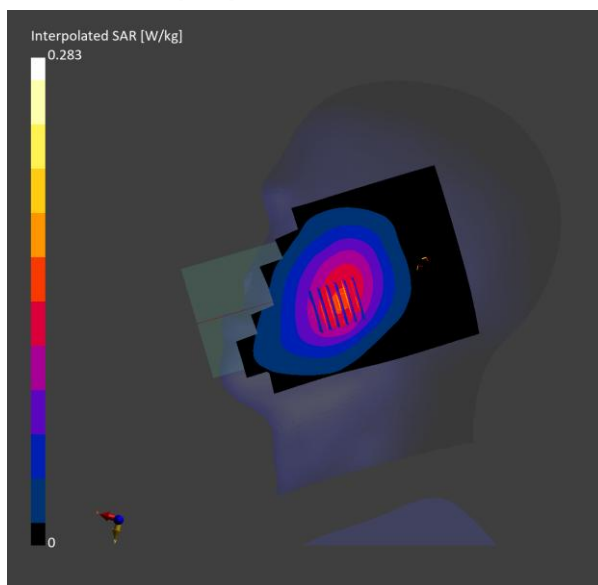
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.130	0.194
psSAR10g [W/Kg]	0.088	0.139
Power Drift [dB]	-0.11	0.19
M2/M1 [%]		95.4
Dist 3dB Peak [mm]		18.5



EUT Type: Mobile Phone
 Ambient Temperature: 20.3 °C
 Liquid Temperature: 20.2 °C
 Test Date: 04/02/2026
 Band: LTE5 Body_Ant.A
 Plot No.: A16
 Measurement Report for Device, BACK, Band 5, LTE-FDD: 10.0 MHz, QPSK, 1 RB (Mid), Channel 20525 (836.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 5	LTE-FDD, 10175	836.500, 20525	9.8	0.937	42.7

Hardware Setup

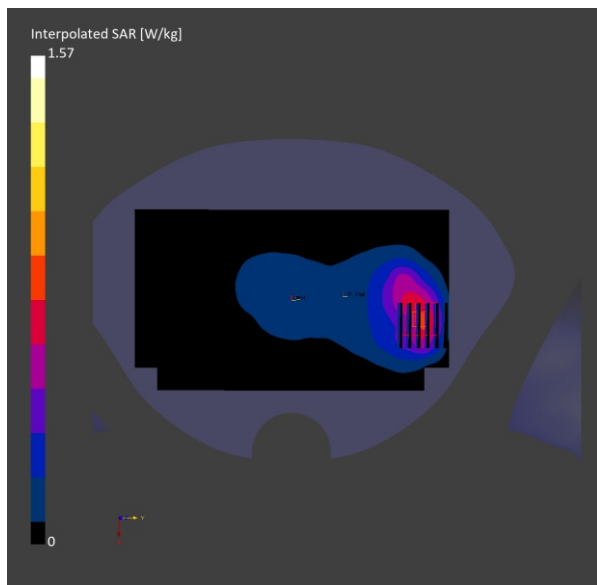
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.696	0.740
psSAR10g [W/Kg]	0.432	0.391
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		9.2



EUT Type: Mobile Phone
 Ambient Temperature: 20.9 °C
 Liquid Temperature: 20.8 °C
 Test Date: 04/03/2026
 Band: LTE26 Head_Ant.A
 Plot No.: A17
 Measurement Report for Device, CHEEK, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
 Antenna Cfg: SISO, Channel 26865 (831.500 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 26	LTE-FDD, 10181	831.500, 26865	9.8	0.929	42.7

Hardware Setup

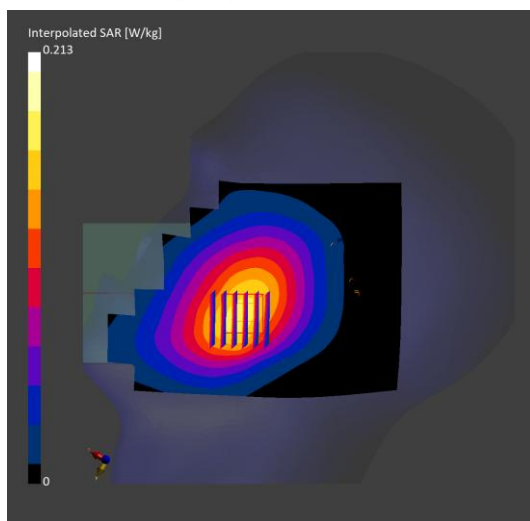
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.150	0.171
psSAR10g [W/Kg]	0.102	0.128
Power Drift [dB]	0.02	0.05
M2/M1 [%]		93.0
Dist 3dB Peak [mm]		> 15.0



EUT Type: Mobile Phone
Ambient Temperature: 20.9 °C
Liquid Temperature: 20.8 °C
Test Date: 04/03/2026
Band: LTE26 Body_Ant.A
Plot No.: A18
Measurement Report for Device, BACK, Band 26, LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)
RBPosition:Mid, Channel 26865 (831.500 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 26	LTE-FDD, 10160	831.500, 26865	9.8	0.929	42.7

Hardware Setup

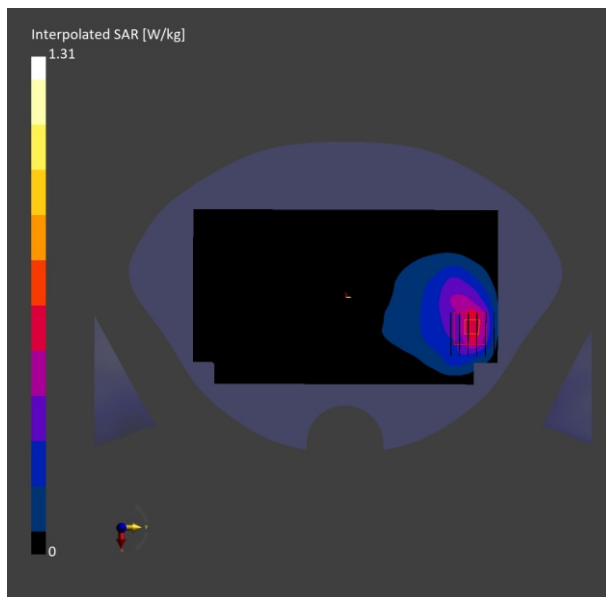
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.534	0.547
psSAR10g [W/Kg]	0.334	0.281
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		68.8
Dist 3dB Peak [mm]		7.3



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 04/14/2026
 Band: LTE66 Head_Ant.F
 Plot No.: A19
 Measurement Report for Device, CHEEK, Band 66, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
 RBPosition: Mid Antenna Cfg: SISO, Channel 132322 (1745.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 66	LTE-FDD, 10169	1745.000, 132322	7.43	1.33	39.9

Hardware Setup

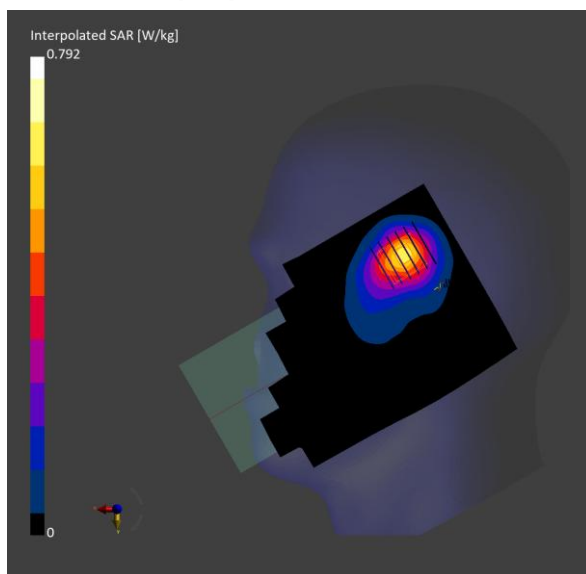
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.505	0.524
psSAR10g [W/Kg]	0.279	0.314
Power Drift [dB]	-0.05	-0.01
M2/M1 [%]		90.5
Dist 3dB Peak [mm]		10.2



EUT Type: Mobile Phone
Ambient Temperature: 21.2 °C
Liquid Temperature: 21.1 °C
Test Date: 04/07/2026
Band: LTE66 Body_Ant.A
Plot No.: A20
Measurement Report for Device, BACK, Band 66, LTE-FDD: 20.0 MHz, QPSK, 50% RB (Mid), Channel 132072 (1720.000 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 66	LTE-FDD, 10297	1720.000, 132072	7.43	1.31	40.0

Hardware Setup

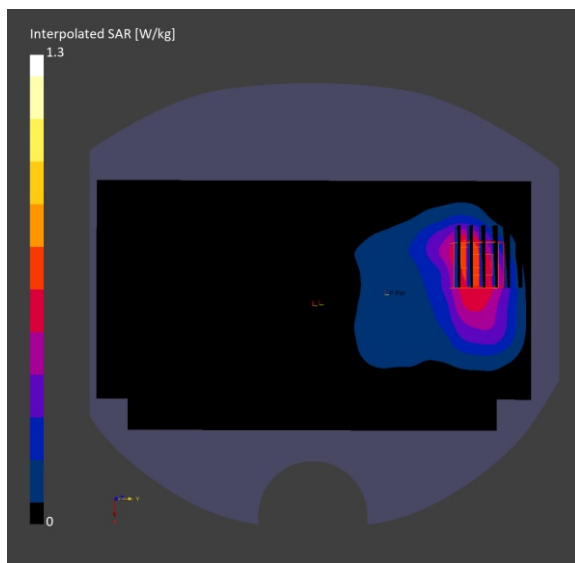
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.603	0.645
psSAR10g [W/Kg]	0.352	0.359
Power Drift [dB]	-0.01	0.05
M2/M1 [%]		83.8
Dist 3dB Peak [mm]		7.2



EUT Type: Mobile Phone
 Ambient Temperature: 20.8 °C
 Liquid Temperature: 20.6 °C
 Test Date: 03/18/2026
 Band: LTE2 Head_Ant.A
 Plot No.: A21

Measurement Report for Device, CHEEK, Band 2, LTE-FDD: 20.0 MHz, QPSK, 1 RB (Mid), Channel 18900 (1880.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 2	LTE-FDD, 10169	1880.000, 18900	7.24	1.43	39.7

Hardware Setup

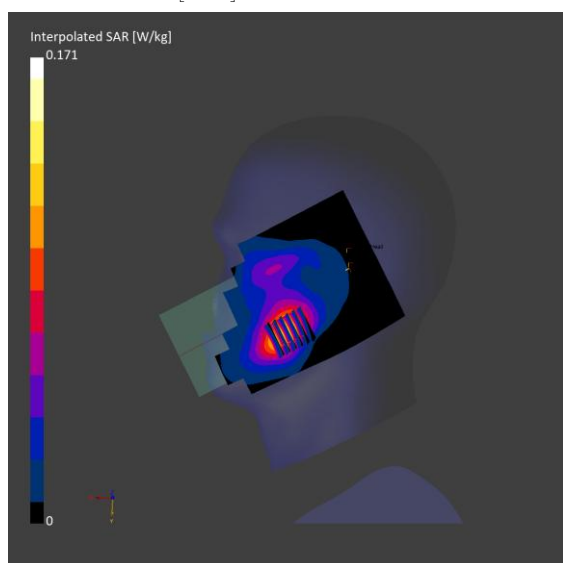
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.118	0.129
psSAR10g [W/Kg]	0.069	0.084
Power Drift [dB]	0.12	-0.01
M2/M1 [%]		95.1
Dist 3dB Peak [mm]		13.5



EUT Type: Mobile Phone
Ambient Temperature: 20.8 °C
Liquid Temperature: 20.6 °C
Test Date: 03/18/2026
Band: LTE2 Body_Ant.A
Plot No.: A22
Measurement Report for Device, BACK, Band 2, LTE-FDD: 20.0 MHz, QPSK, 50% RB (Mid), Channel 18700 (1860.000 MHz)
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 2	LTE-FDD, 10297	1860.000, 18700	7.24	1.41	39.8

Hardware Setup

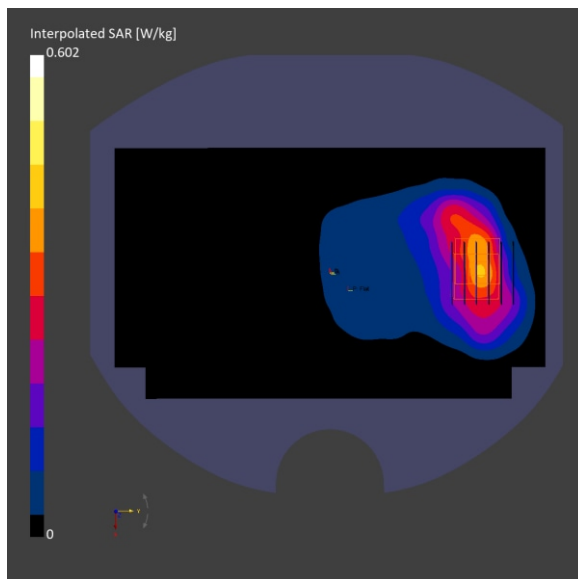
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.328	0.335
psSAR10g [W/Kg]	0.186	0.194
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		9.2



EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.1 °C
Test Date: 04/03/2026
Band: LTE41 Head_Ant.C
Plot No.: A23

Measurement Report for Device, CHEEK, Band 41, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, Channel 41490 (2680.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 41	LTE-TDD, 10494	2680.000, 41490	6.54	2.12	38.4

Hardware Setup

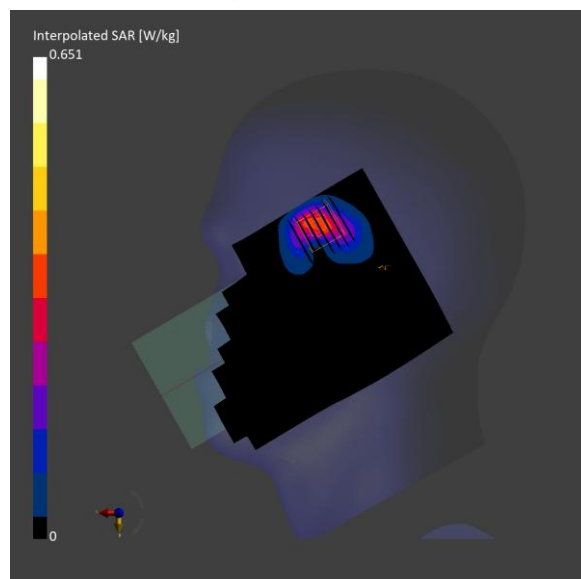
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.282	0.308
psSAR10g [W/Kg]	0.133	0.135
Power Drift [dB]	-0.12	0.03
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		5.9



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.1 °C
 Test Date: 04/03/2026
 Band: LTE41 Body_Ant.C
 Plot No.: A24
 Measurement Report for Device, BACK, Band 41, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) AntennaCfg:SISO, Channel 40620 (2593.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 41	LTE-TDD, 10512	2593.000, 40620	6.54	2.00	39.2

Hardware Setup

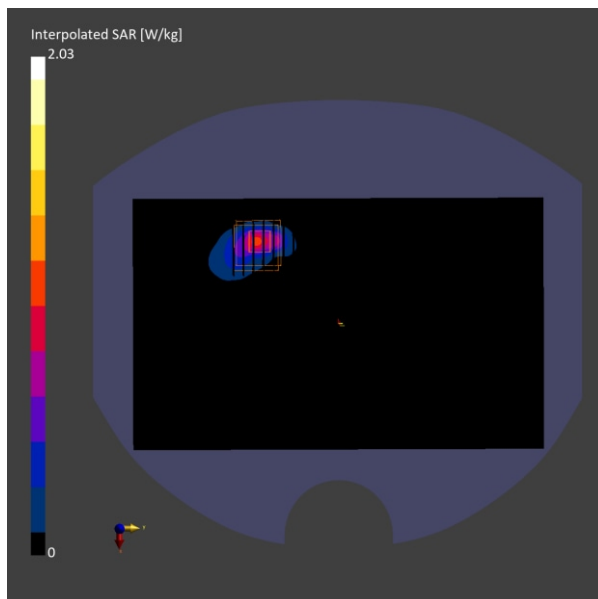
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.716	0.758
psSAR10g [W/Kg]	0.261	0.270
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		76.6
Dist 3dB Peak [mm]		4.9



EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.8 °C
 Test Date: 03/20/2026
 Band: NR n5 Head_Ant.A
 Plot No.: A25
 Measurement Report for Device, CHEEK, n5, NR FR1 FDD: DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 50%
 RB (Mid), Channel 167300 (836.500 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	n5	NR FR1 FDD, 10939	836.500, 167300	9.8	0.935	42.5

Hardware Setup

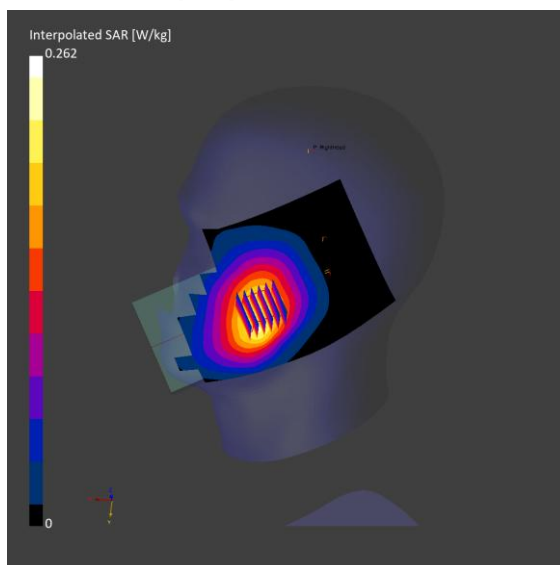
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.203	0.211
psSAR10g [W/Kg]	0.139	0.161
Power Drift [dB]	0.00	0.02
M2/M1 [%]		94.1
Dist 3dB Peak [mm]		> 15.0



EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.8 °C
 Test Date: 03/20/2026
 Band: NR n5 Body_Ant.A
 Plot No.: A26
 Measurement Report for Device, BACK, n5, NR FR1 FDD: DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 50%
 RB (Mid), Channel 167300 (836.500 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	n5	NR FR1 FDD, 10931	836.500, 167300	9.8	0.935	42.5

Hardware Setup

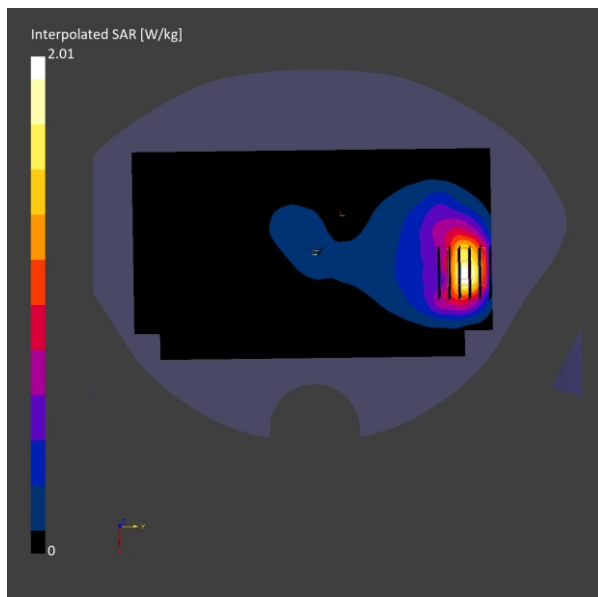
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.860	0.874
psSAR10g [W/Kg]	0.503	0.431
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		75.4
Dist 3dB Peak [mm]		7.2



EUT Type: Mobile Phone
 Ambient Temperature: 20.9 °C
 Liquid Temperature: 20.8 °C
 Test Date: 04/06/2026
 Band: NR n66 Head_Ant.F
 Plot No.: A27
 Measurement Report for Device, CHEEK, n66, NR FR1 FDD: DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 1 RB (Mid), Channel 349000 (1745.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	n66	NR FR1 FDD, 10934	1745.000, 349000	8.46	1.32	39.7

Hardware Setup

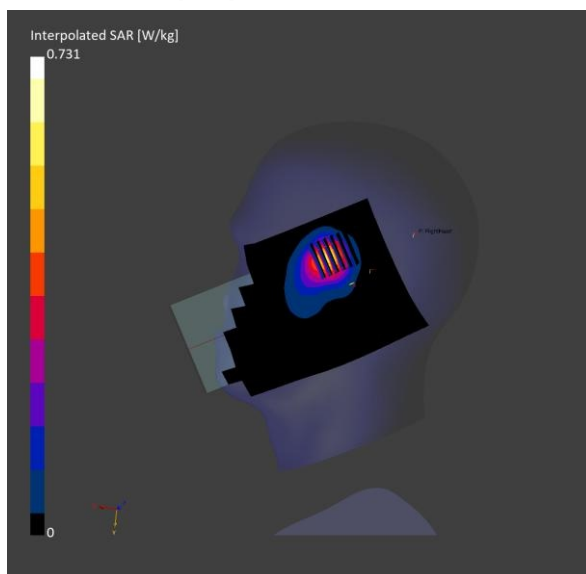
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.461	0.479
psSAR10g [W/Kg]	0.254	0.276
Power Drift [dB]	0.04	0.04
M2/M1 [%]		89.1
Dist 3dB Peak [mm]		12.9



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.1 °C
 Test Date: 04/06/2026
 Band: NR n66 Body_Ant.A
 Plot No.: A28
 Measurement Report for Device, BACK, n66, NR FR1 FDD: DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 50%
 RB (Mid), Channel 349000 (1745.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	n66	NR FR1 FDD, 10942	1745.000, 349000	7.43	1.33	40.2

Hardware Setup

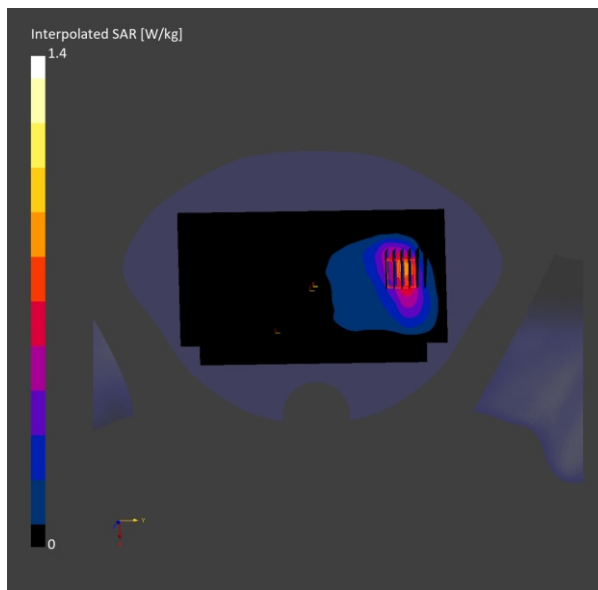
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.717	0.699
psSAR10g [W/Kg]	0.394	0.387
Power Drift [dB]	-0.09	-0.01
M2/M1 [%]		79.7
Dist 3dB Peak [mm]		9.2



EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 04/02/2026
Band: NR n41 Head_Ant.C(SRS2)
Plot No.: A29

Measurement Report for Device, CHEEK, Custom Band, CW, Channel 2593000 (2593.000 MHz) Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Custom Band	CW, 0	2593.000, 2593000	6.54	2.00	39.2

Hardware Setup

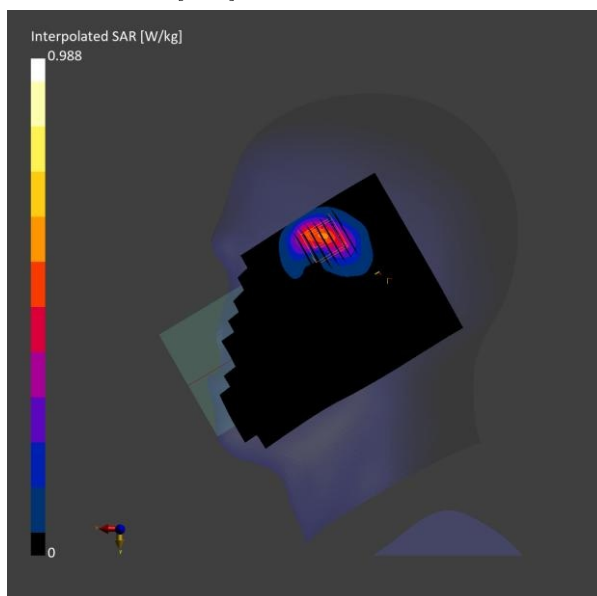
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.449	0.491
psSAR10g [W/Kg]	0.218	0.230
Power Drift [dB]	-0.06	0.12
M2/M1 [%]		84.1
Dist 3dB Peak [mm]		6.8



EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 04/02/2026
Band: NR n41 Body_Ant.C(SRS2)
Plot No.: A30

Measurement Report for Device, BACK, Custom Band, CW, Channel 2593000 (2593.000 MHz) Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Custom Band	CW, 0	2593.000, 2593000	6.54	2.00	39.2

Hardware Setup

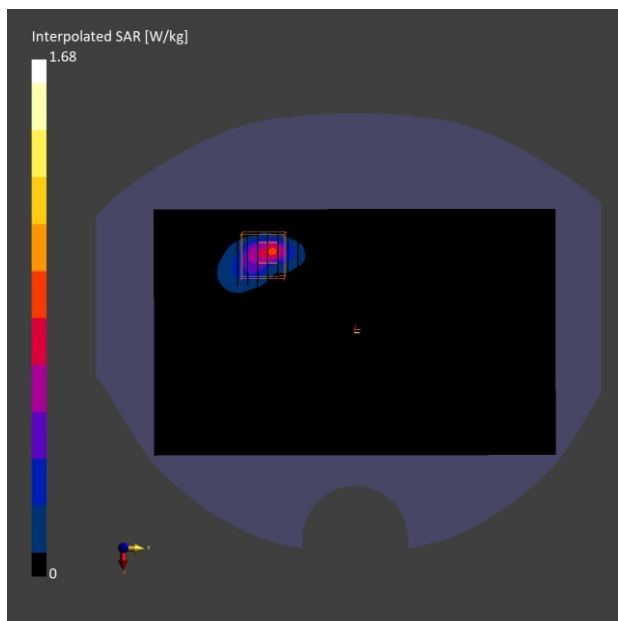
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.585	0.631
psSAR10g [W/Kg]	0.225	0.228
Power Drift [dB]	0.09	-0.04
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		5.1



EUT Type: Mobile Phone
Ambient Temperature: 21.6 °C
Liquid Temperature: 21.5 °C
Test Date: 04/15/2026
Band: NR n77 Head_Ant.D(SRS1)
Plot No.: A31

Measurement Report for Device, TILT, Custom, Custom: CW, Channel 3930000 (3930.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	TILT, 0.00	Custom	Custom, 1	3930.000, 3930000	6.62	3.39	37.8

Hardware Setup

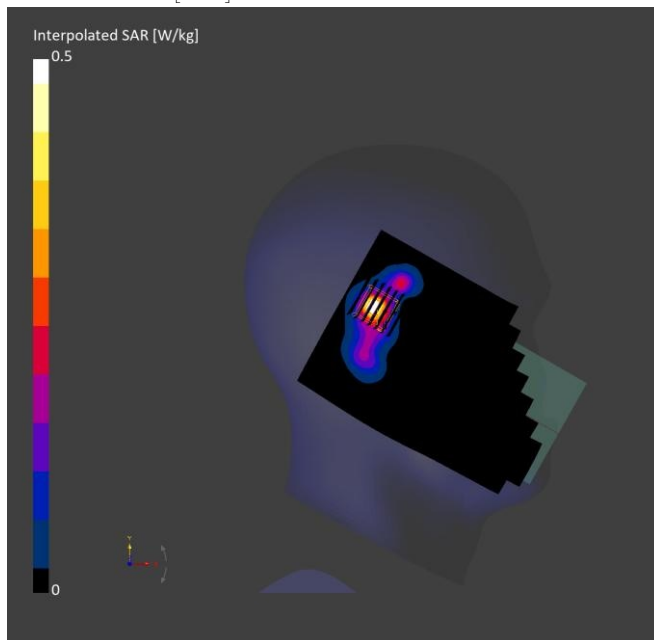
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7681, 2025-11-21	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	12.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.343	0.386
psSAR10g [W/Kg]	0.118	0.125
Power Drift [dB]	-0.12	0.02
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		7.1



EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.5 °C
 Test Date: 04/15/2026
 Band: NR n77 Body_ Ant.D(SRS1)
 Plot No.: A32
 Measurement Report for Device, BACK, Custom, Custom: CW, Channel 3930000 (3930.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Custom	Custom, 1	3930.000, 3930000	6.62	3.39	37.8

Hardware Setup

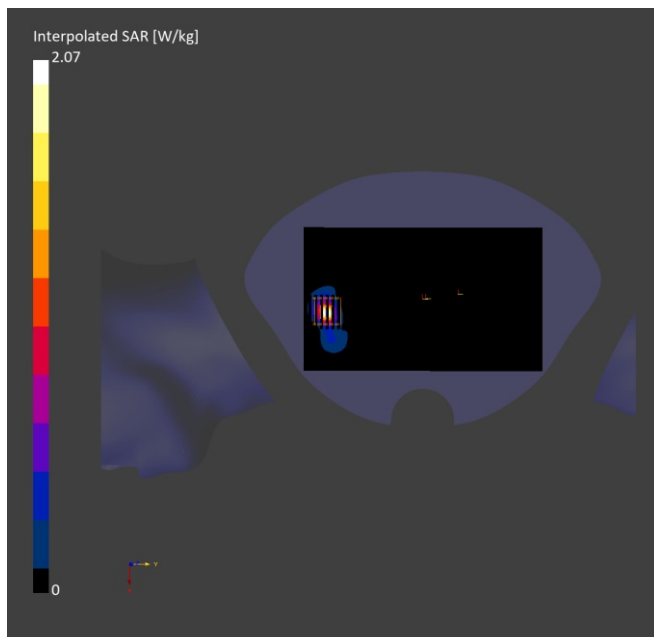
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7681, 2025-11-21	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	12.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.593	0.690
psSAR10g [W/Kg]	0.176	0.204
Power Drift [dB]	N/A	0.02
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		5.9



EUT Type: Mobile Phone
 Ambient Temperature: 20.7 °C
 Liquid Temperature: 20.6 °C
 Test Date: 04/15/2026
 Band: WLAN 2.4 GHz Head_Ant.J
 Plot No.: A33
 Measurement Report for Device, CHEEK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps),
 Channel 6 (2437.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	WLAN 2.4GHz	WLAN, 10012	2437.000, 6	7.52	1.83	39.3

Hardware Setup

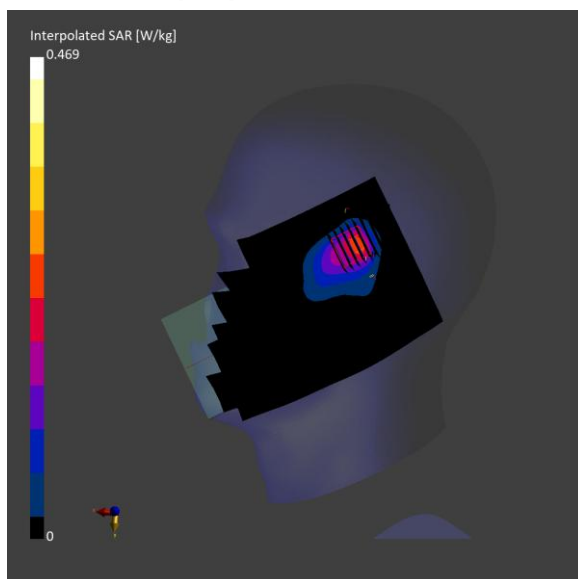
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.208	0.213
psSAR10g [W/Kg]	0.103	0.099
Power Drift [dB]	0.15	0.02
M2/M1 [%]		76.9
Dist 3dB Peak [mm]		8.7



EUT Type: Mobile Phone
 Ambient Temperature: 20.7 °C
 Liquid Temperature: 20.6 °C
 Test Date: 04/15/2026
 Band: WLAN 2.4 GHz Body_Ant.J
 Plot No.: A34
 Measurement Report for Device, EDGE TOP, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), Channel 6 (2437.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE TOP, 10.00	WLAN 2.4GHz	WLAN, 10012	2437.000, 6	7.52	1.83	39.3

Hardware Setup

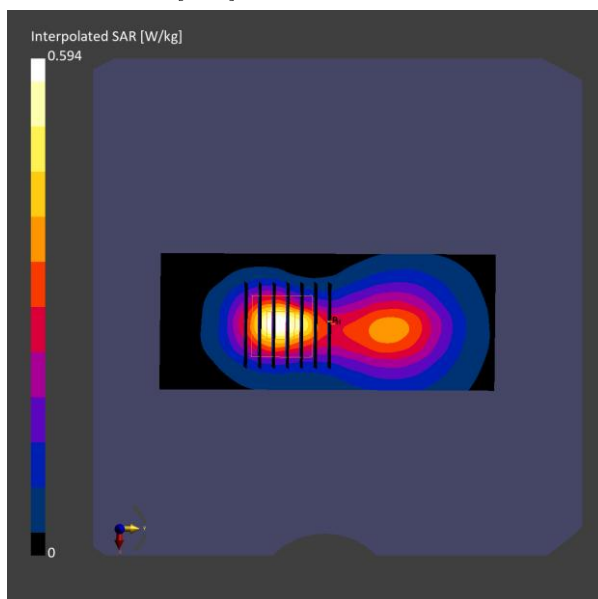
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans 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	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.255	0.255
psSAR10g [W/Kg]	0.114	0.108
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		8.0



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 21.9 °C
 Test Date: 04/09/2026
 Band: WLAN 5 GHz Head_Ant.J
 Plot No.: A35
 Measurement Report for Device, TILT, U-NII-1, U-NII-2A, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	TILT, 0.00	U-NII-1, U-NII-2A	WLAN, 10599	5270.000, 54	5.12	4.80	34.9

Hardware Setup

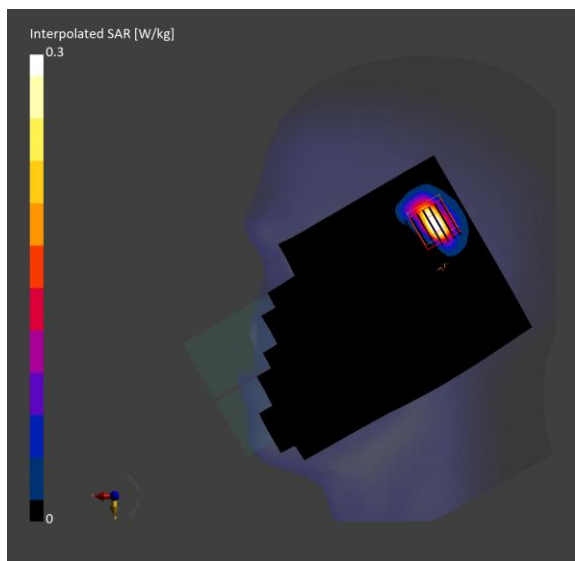
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.216	0.223
psSAR10g [W/Kg]	0.063	0.063
Power Drift [dB]	-0.08	-0.10
M2/M1 [%]		65.1
Dist 3dB Peak [mm]		5.6



EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.4 °C
 Test Date: 04/15/2026
 Band: WLAN 5 GHz Body_Ant.J
 Plot No.: A36
 Measurement Report for Device, EDGE TOP, U-NII-1, U-NII-2A, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps), Channel 40 (5200.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE TOP, 10.00	U-NII-1, U-NII-2A	WLAN, 10062	5200.000, 40	5.12	4.70	35.3

Hardware Setup

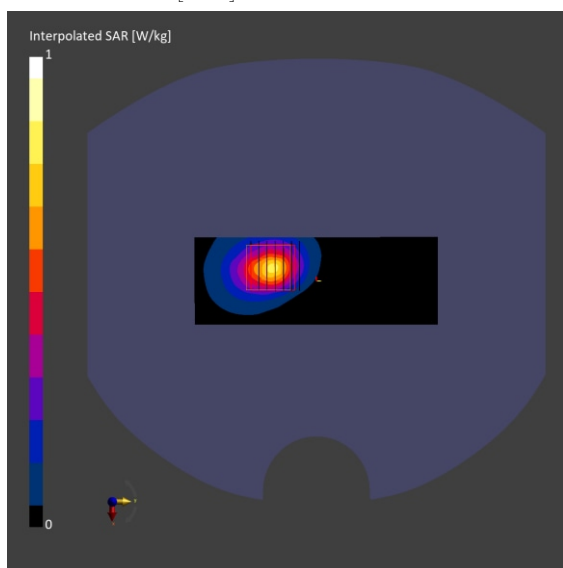
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.540	0.562
psSAR10g [W/Kg]	0.193	0.201
Power Drift [dB]	0.02	-0.09
M2/M1 [%]		65.4
Dist 3dB Peak [mm]		9.0



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.5 °C
 Test Date: 04/10/2026
 Band: WLAN 5 GHz Phablet_Ant.J
 Plot No.: A37
 Measurement Report for Device, BACK, U-NII-2C Standalone, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps), Channel 100 (5500.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 7.00	U-NII-2C Standalone	WLAN, 10062	5500.000, 100	4.63	5.04	34.8

Hardware Setup

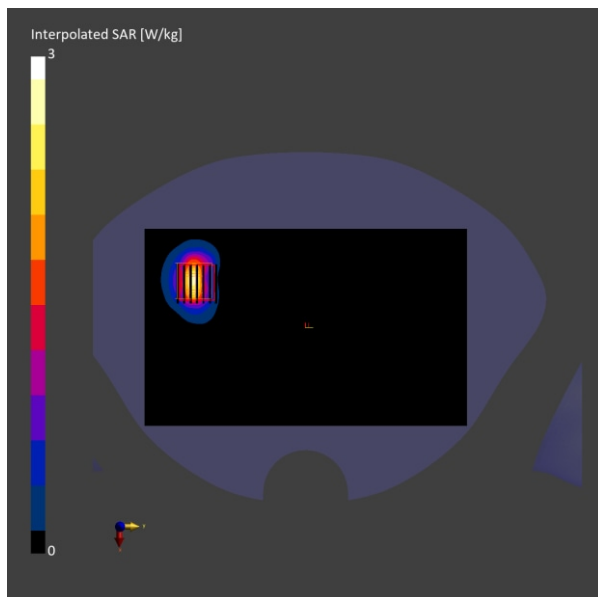
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.82	1.99
psSAR10g [W/Kg]	0.616	0.666
Power Drift [dB]	-0.03	0.04
M2/M1 [%]		62.7
Dist 3dB Peak [mm]		7.2



EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.0 °C
 Test Date: 04/01/2026
 Band: Bluetooth Head_Ant.J
 Plot No.: A38
 Measurement Report for Device, TILT, ISM 2.4 GHz Band, Bluetooth: BR, DH5, GFSK, Channel 39 (2441.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	TILT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032	2441.000, 39	6.68	1.83	39.2

Hardware Setup

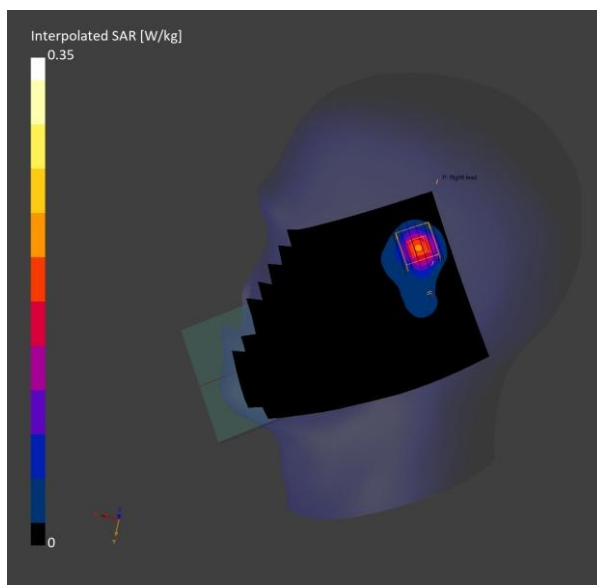
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.154	0.164
psSAR10g [W/Kg]	0.068	0.069
Power Drift [dB]	-0.02	0.10
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		7.7



EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.0 °C
 Test Date: 04/01/2026
 Band: Bluetooth Body_Ant.J
 Plot No.: A39
 Measurement Report for Device, BACK, ISM 2.4 GHz Band, Bluetooth: BR, DH5, GFSK, Channel 39 (2441.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	ISM 2.4 GHz Band	Bluetooth, 10032	2441.000, 39	6.68	1.83	39.2

Hardware Setup

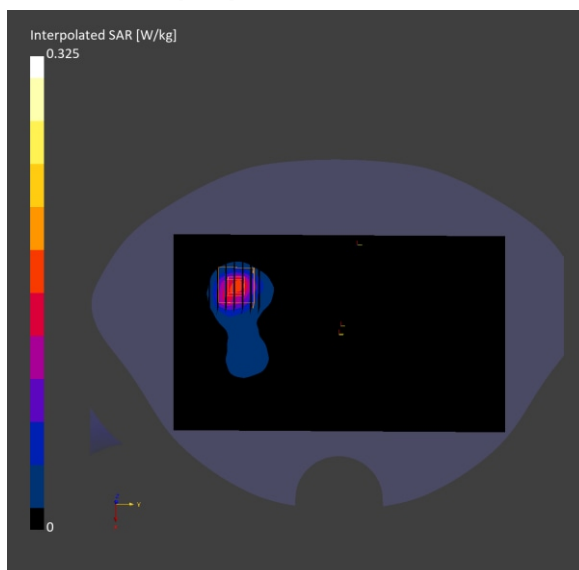
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.137	0.148
psSAR10g [W/Kg]	0.062	0.062
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		78.8
Dist 3dB Peak [mm]		7.3



EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 03/27/2026
Band: NFC Phablet
Plot No.: A40

Measurement Report for Device, BACK, Custom Band, CW, Channel 13600 (13.600 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0	13.600, 13600	5.47	0.749	54.2

Hardware Setup

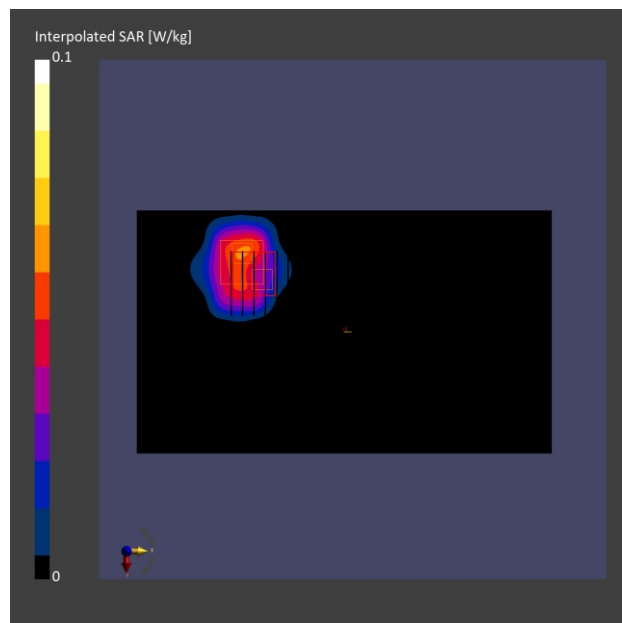
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) -	ES3DV3 - SN3076, 2025-07-22	DAE4 Sn1225, 2025-09-25

Scans 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	3.0
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.055	0.061
psSAR10g [W/Kg]	0.043	0.020
Power Drift [dB]	-0.02	0.02
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		5.2



Appendix C. – Dipole Verification Plots

Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.0°C
 Test Date: 03/18/2026
 Band: LTE 12_Ant.A
 Plot No.: V1
 Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	750.000, 0	10.06	0.891	43.0

Hardware Setup

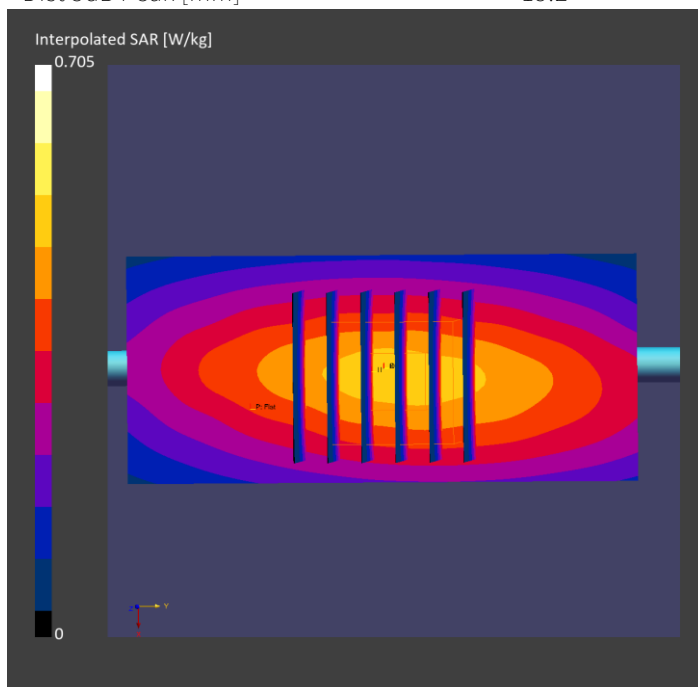
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.439	0.446
psSAR10g [W/Kg]	0.291	0.289
Power Drift [dB]	0.01	0.01
M2/M1 [%]		86.5
Dist 3dB Peak [mm]		15.2



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.7°C
 Test Date: 03/19/2026
 Band: LTE 13_Ant.A
 Plot No.: V2
 Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	750.000, 0	10.06	0.886	43.1

Hardware Setup

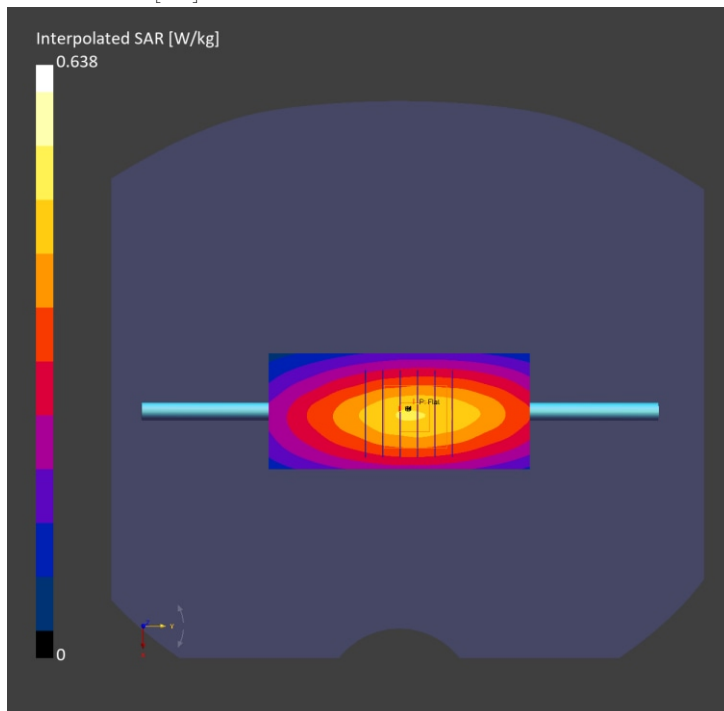
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.422	0.426
psSAR10g [W/Kg]	0.282	0.282
Power Drift [dB]	0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.1°C
 Test Date: 04/10/2026
 Band: GSM850_Ant.A
 Plot No.: V3
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	835.000, 0	9.8	0.936	42.7

Hardware Setup

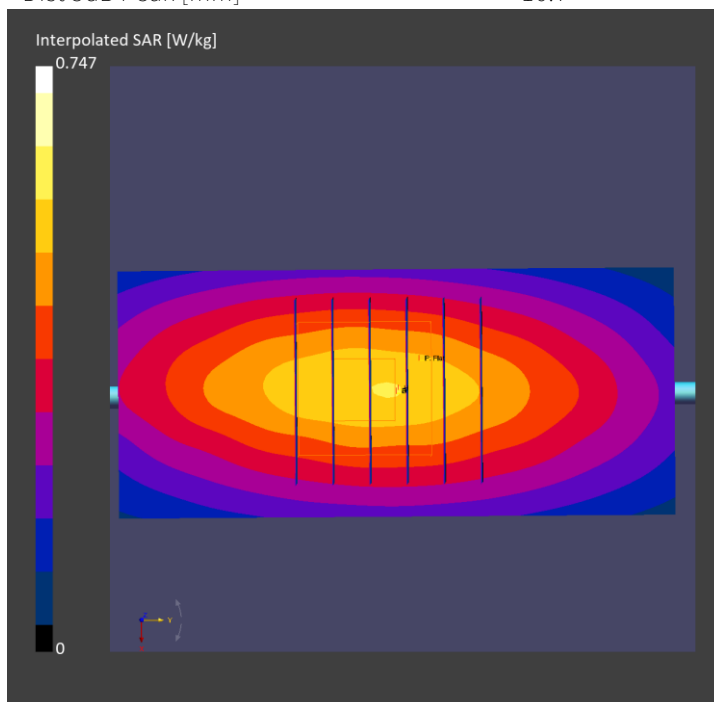
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) –	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.487	0.484
psSAR10g [W/Kg]	0.319	0.313
Power Drift [dB]	0.00	-0.02
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		16.7



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 19.7°C
 Test Date: 04/01/2026
 Band: UMTS 5_Ant.A
 Plot No.: V4
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	835.000, 0	9.8	0.931	42.5

Hardware Setup

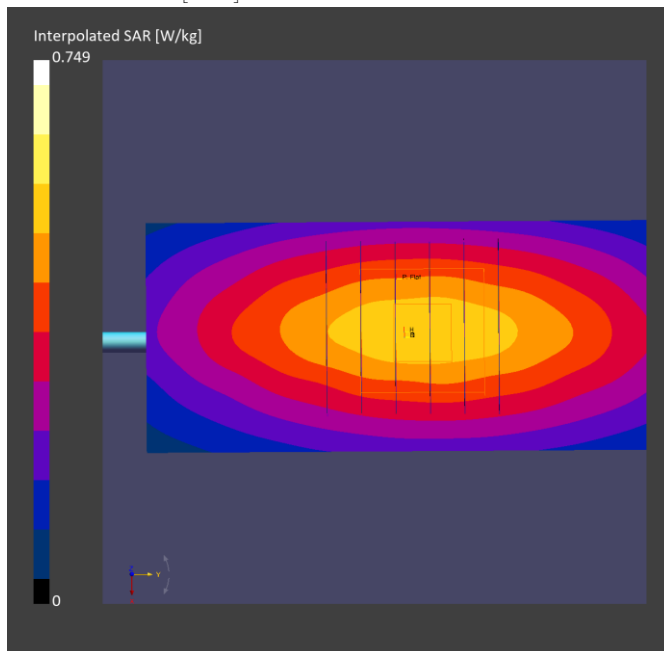
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) –	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.479	0.480
psSAR10g [W/Kg]	0.314	0.311
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		87.0
Dist 3dB Peak [mm]		16.8



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.2°C
 Test Date: 04/02/2026
 Band: LTE 5_Ant.A
 Plot No.: V5
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	835.000, 0	9.8	0.937	42.6

Hardware Setup

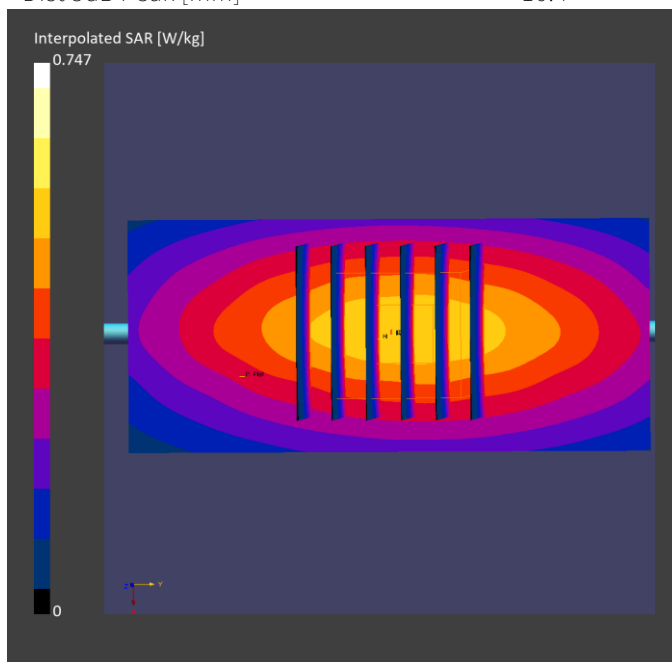
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.480	0.479
psSAR10g [W/Kg]	0.315	0.311
Power Drift [dB]	-0.01	0.00
M2/M1 [%]		87.2
Dist 3dB Peak [mm]		16.4



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.8°C
 Test Date: 04/03/2026
 Band: LTE 26_Ant.A
 Plot No.: V6
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	835.000, 0	9.8	0.931	42.7

Hardware Setup

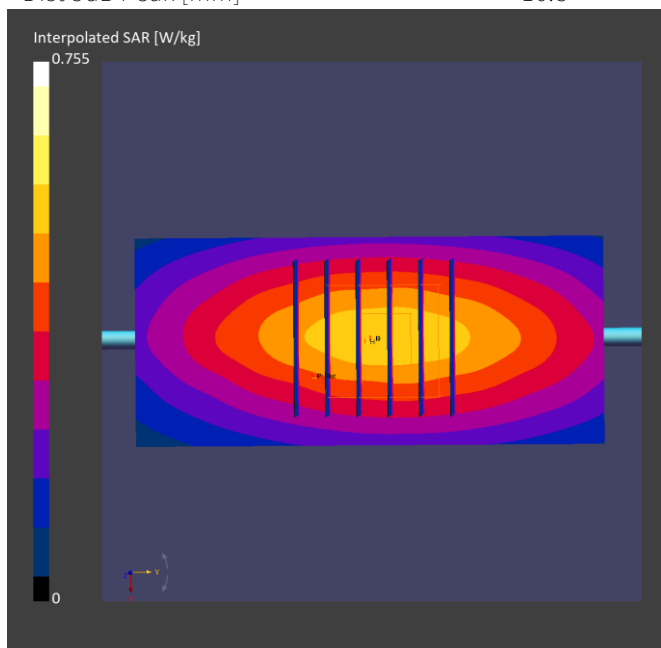
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.480	0.481
psSAR10g [W/Kg]	0.315	0.311
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		86.8
Dist 3dB Peak [mm]		16.8



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.8°C
 Test Date: 03/20/2026
 Band: NR n5_Ant.A
 Plot No.: V7
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	835.000, 0	9.8	0.934	42.5

Hardware Setup

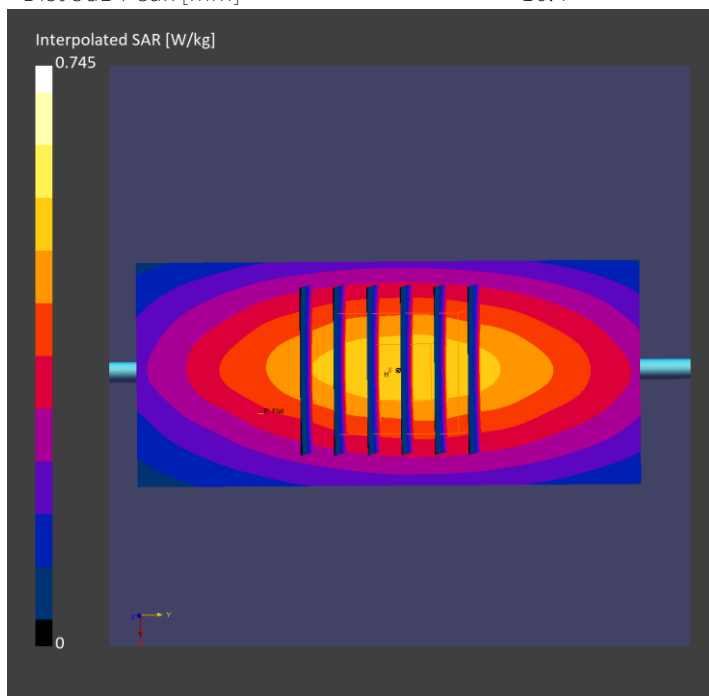
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.479	0.479
psSAR10g [W/Kg]	0.314	0.311
Power Drift [dB]	0.00	0.00
M2/M1 [%]		87.2
Dist 3dB Peak [mm]		16.4



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.2°C
 Test Date: 04/08/2026
 Band: UMTS 4 Ant.A
 Plot No.: V8
 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1800.000, 0	7.43	1.38	40.1

Hardware Setup

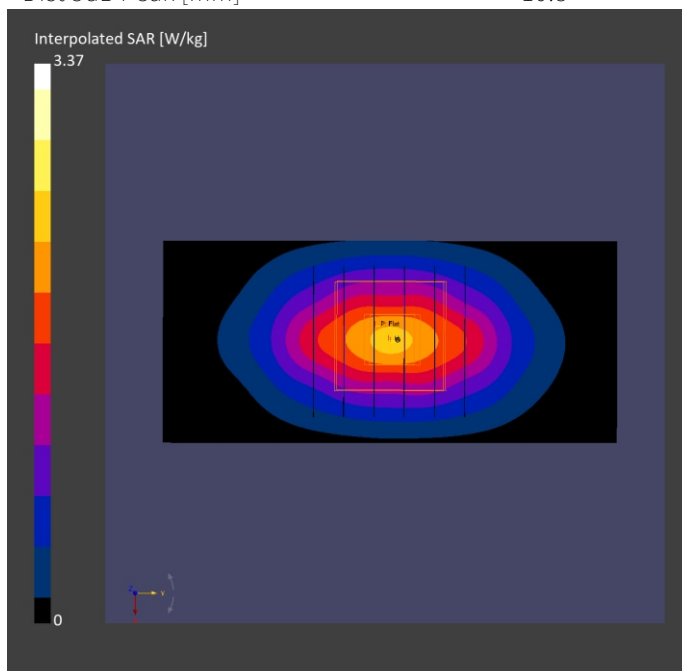
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.87	1.90
psSAR10g [W/Kg]	0.975	1.02
Power Drift [dB]	-0.01	0.00
M2/M1 [%]		84.7
Dist 3dB Peak [mm]		10.3



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.1°C
 Test Date: 04/07/2026
 Band: LTE 66_Ant.A
 Plot No.: V9
 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1800.000, 0	7.43	1.38	40.0

Hardware Setup

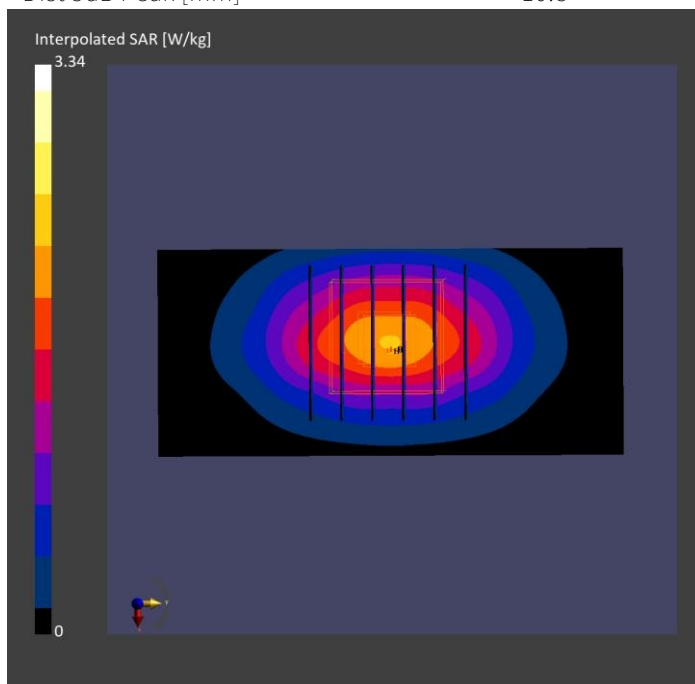
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.82	1.90
psSAR10g [W/Kg]	0.980	1.04
Power Drift [dB]	0.00	-0.01
M2/M1 [%]		83.5
Dist 3dB Peak [mm]		10.8



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.2°C
 Test Date: 04/14/2026
 Band: LTE 66_Ant.F
 Plot No.: V10
 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1800.000, 0	7.43	1.38	40.0

Hardware Setup

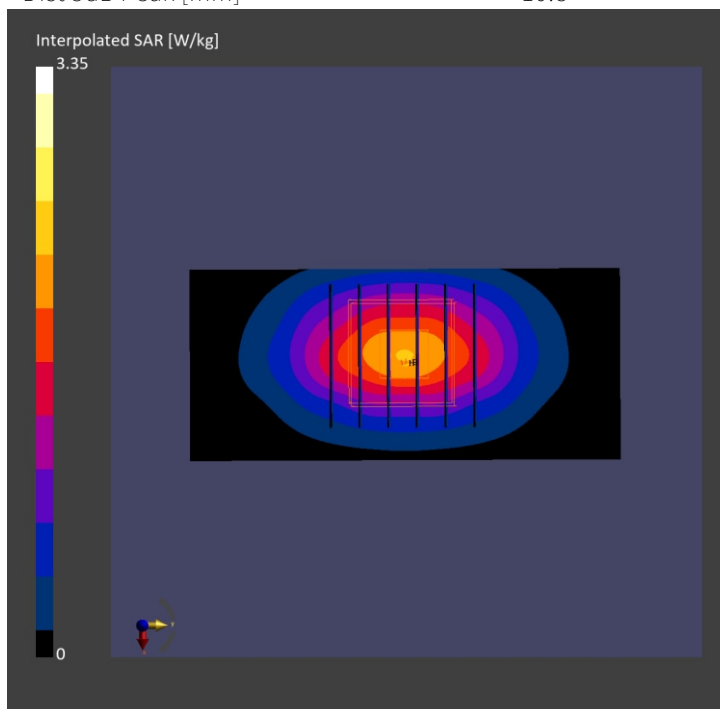
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.82	1.90
psSAR10g [W/Kg]	0.979	1.04
Power Drift [dB]	0.01	0.00
M2/M1 [%]		83.3
Dist 3dB Peak [mm]		10.8



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.1°C
 Test Date: 04/06/2026
 Band: NR n66_Ant.A
 Plot No.: V11
 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1800.000, 0	7.43	1.37	39.9

Hardware Setup

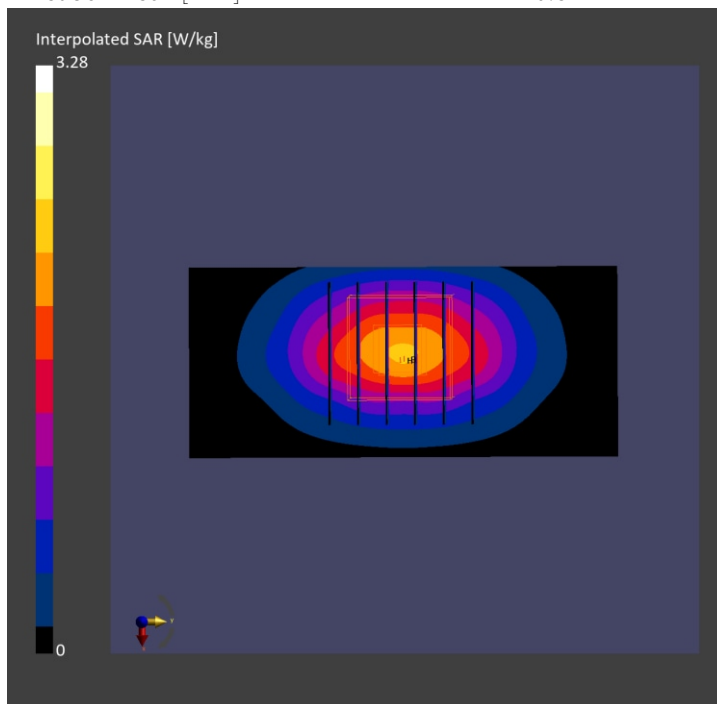
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.81	1.88
psSAR10g [W/Kg]	0.974	1.03
Power Drift [dB]	0.00	0.01
M2/M1 [%]		83.7
Dist 3dB Peak [mm]		10.8



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.8°C
 Test Date: 04/06/2026
 Band: NR n66_Ant.F
 Plot No.: V12
 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1800.000, 0	8.46	1.36	39.7

Hardware Setup

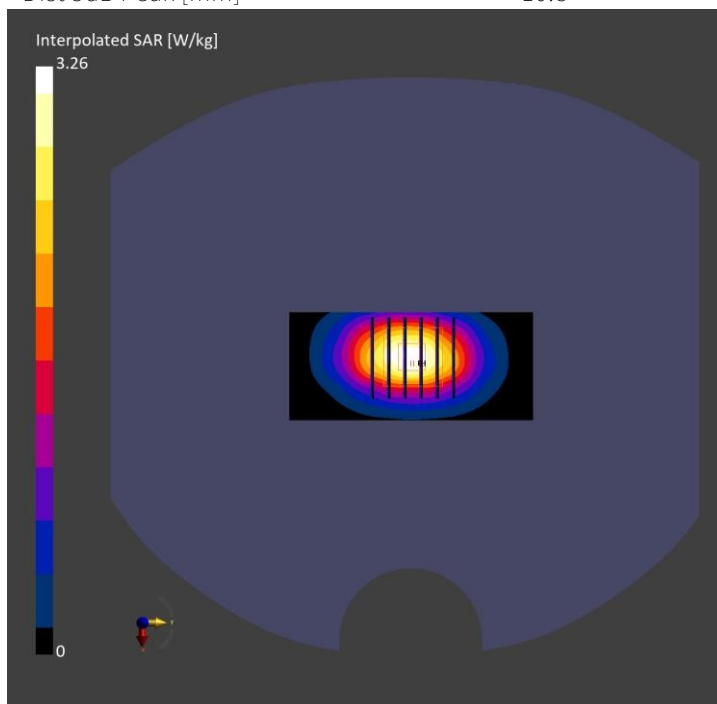
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.80	1.86
psSAR10g [W/Kg]	0.985	0.993
Power Drift [dB]	0.01	0.00
M2/M1 [%]		84.9
Dist 3dB Peak [mm]		10.8



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.0°C
 Test Date: 04/09/2026
 Band: GSM1900_Ant.A
 Plot No.: V13
 Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1900.000, 0	8.19	1.45	39.8

Hardware Setup

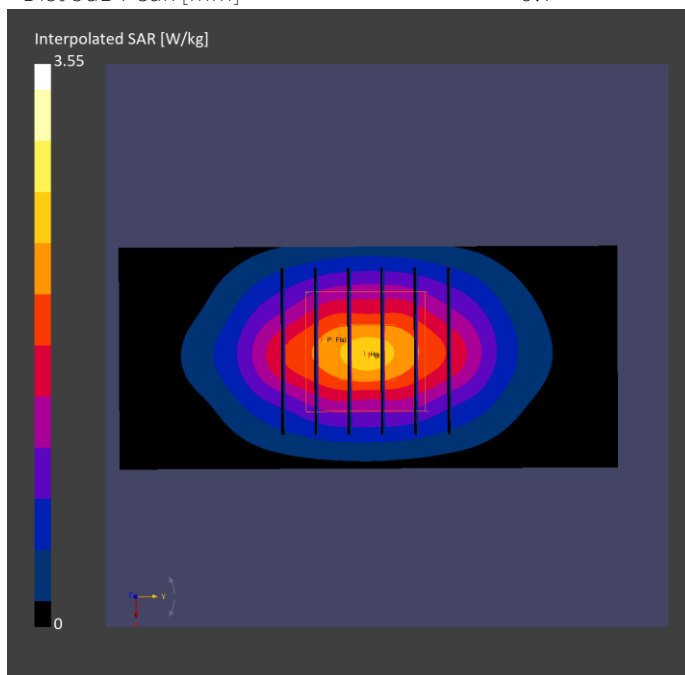
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.99	2.00
psSAR10g [W/Kg]	1.04	1.05
Power Drift [dB]	0.00	0.00
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		9.7



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.4°C
 Test Date: 03/27/2026
 Band: UMTS 2 Ant.A
 Plot No.: V14
 Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1900.000, 0	7.24	1.45	39.7

Hardware Setup

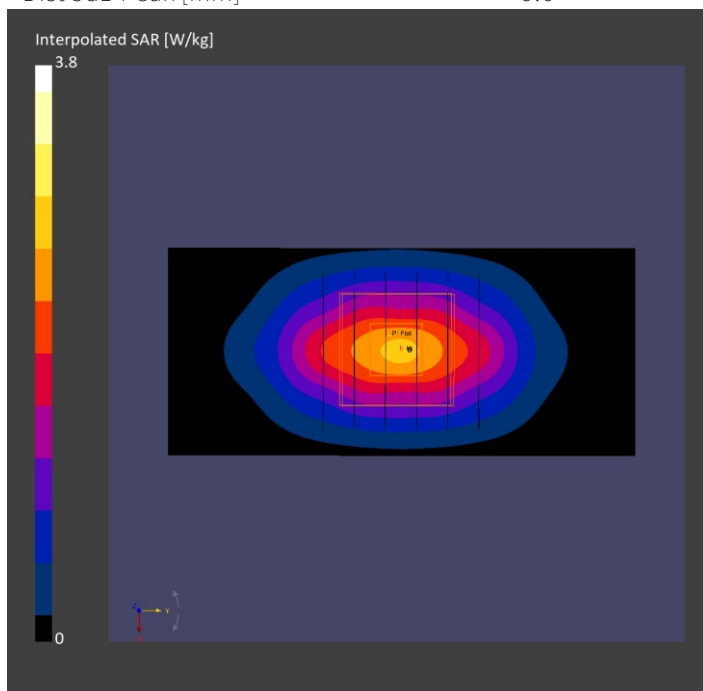
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.08	2.11
psSAR10g [W/Kg]	1.06	1.12
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		83.1
Dist 3dB Peak [mm]		9.6



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.6°C
 Test Date: 03/18/2026
 Band: LTE 2_Ant.A
 Plot No.: V15
 Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	1900.000, 0	7.24	1.43	39.8

Hardware Setup

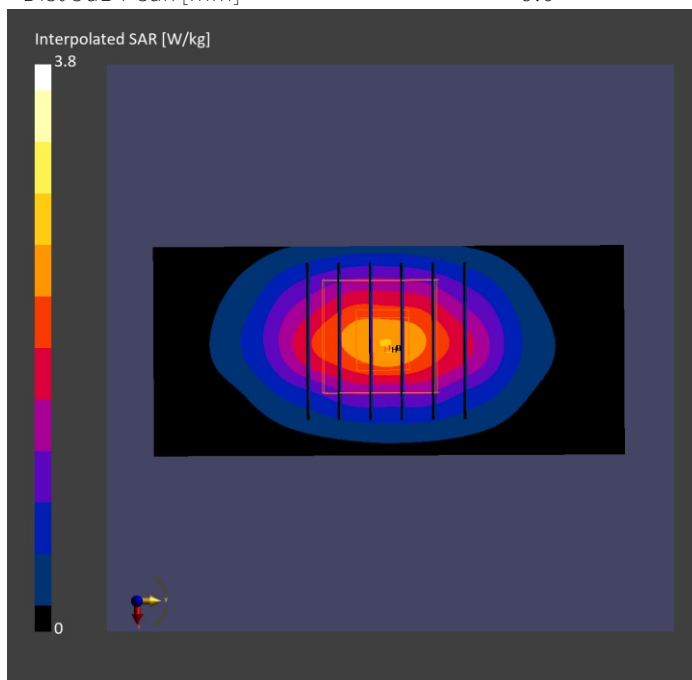
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.03	2.12
psSAR10g [W/Kg]	1.07	1.13
Power Drift [dB]	0.01	0.00
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		9.6



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.6°C
 Test Date: 04/15/2026
 Band: WLAN 2.4G Ant.J
 Plot No.: V16
 Measurement Report for Device, , , CW, Channel 0 (2450.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	2450.000, 0	7.52	1.83	39.3

Hardware Setup

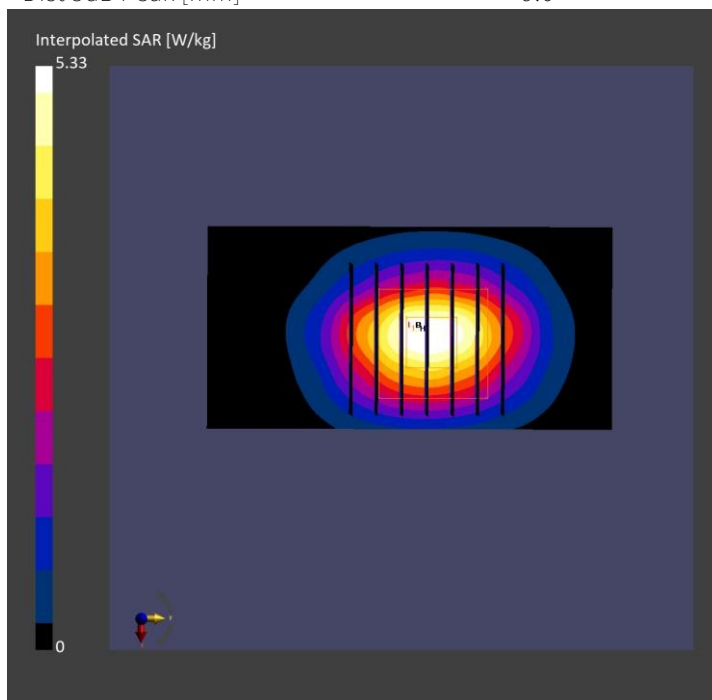
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7732, 2025-06-25	DAE4 Sn780, 2025-06-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.51	2.59
psSAR10g [W/Kg]	1.19	1.19
Power Drift [dB]	0.00	0.00
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		9.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 22.0°C
 Test Date: 04/01/2026
 Band: Bluetooth_Ant.J
 Plot No.: V17
 Measurement Report for Device, , , CW, Channel 0 (2450.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	2450.000, 0	6.68	1.82	39.3

Hardware Setup

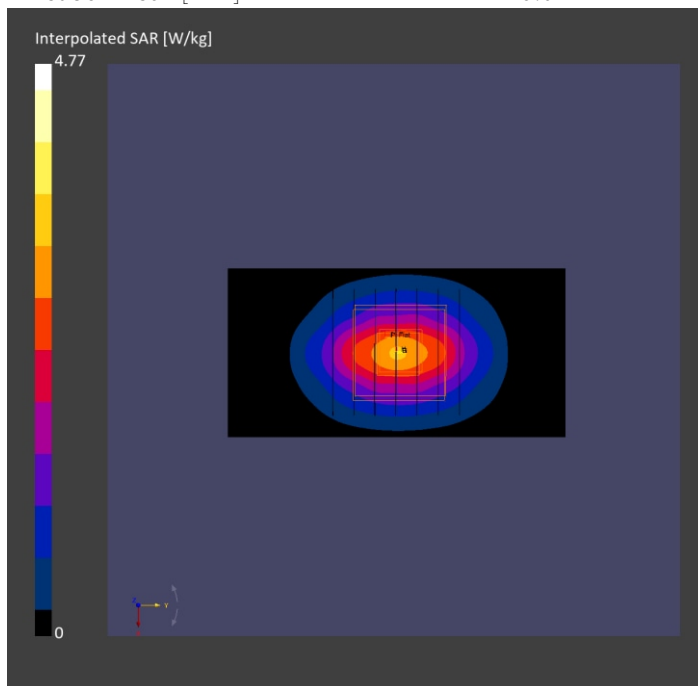
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.45	2.46
psSAR10g [W/Kg]	1.12	1.17
Power Drift [dB]	0.01	0.02
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		9.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.7°C
 Test Date: 03/24/2026
 Band: LTE 41_Ant.A
 Plot No.: V18
 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	2600.000, 0	6.54	2.00	39.0

Hardware Setup

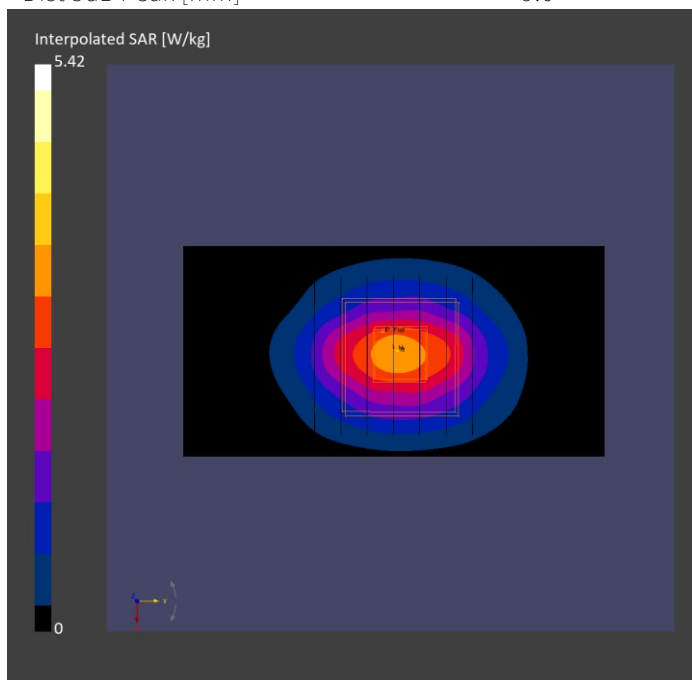
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.67	2.69
psSAR10g [W/Kg]	1.19	1.23
Power Drift [dB]	-0.00	0.01
M2/M1 [%]		81.3
Dist 3dB Peak [mm]		9.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.1°C
 Test Date: 04/03/2026
 Band: LTE 41_Ant.C
 Plot No.: V19
 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	2600.000, 0	6.54	2.00	39.1

Hardware Setup

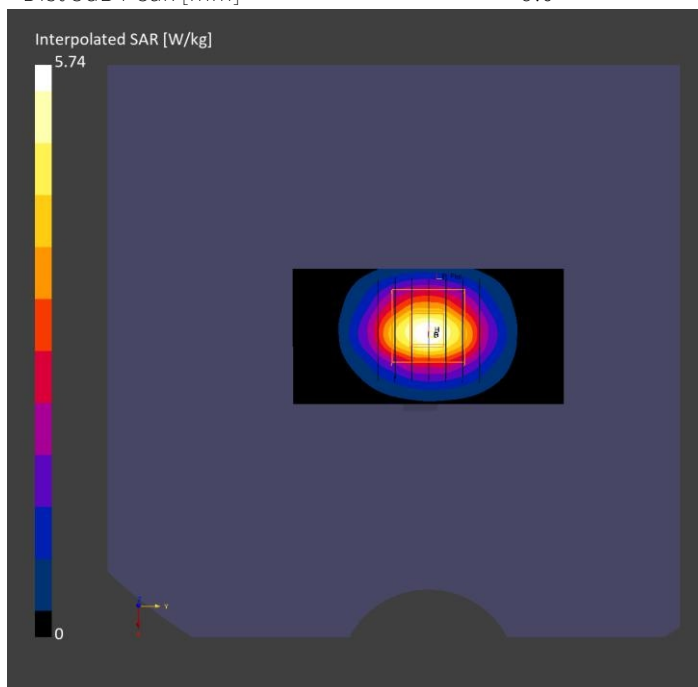
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.91	2.95
psSAR10g [W/Kg]	1.32	1.38
Power Drift [dB]	-0.03	-0.04
M2/M1 [%]		82.5
Dist 3dB Peak [mm]		9.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.7°C
 Test Date: 03/26/2026
 Band: NR n41_Ant.A
 Plot No.: V20
 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	2600.000, 0	6.54	2.00	39.2

Hardware Setup

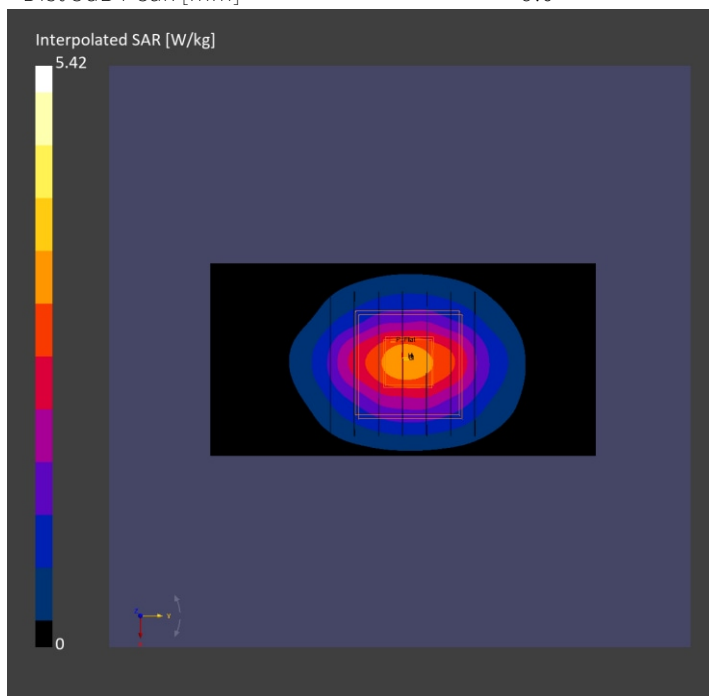
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.68	2.70
psSAR10g [W/Kg]	1.19	1.24
Power Drift [dB]	0.02	0.01
M2/M1 [%]		81.7
Dist 3dB Peak [mm]		9.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.8°C
 Test Date: 04/02/2026
 Band: NR n41_SRS
 Plot No.: V21
 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	2600.000, 0	6.54	2.01	39.0

Hardware Setup

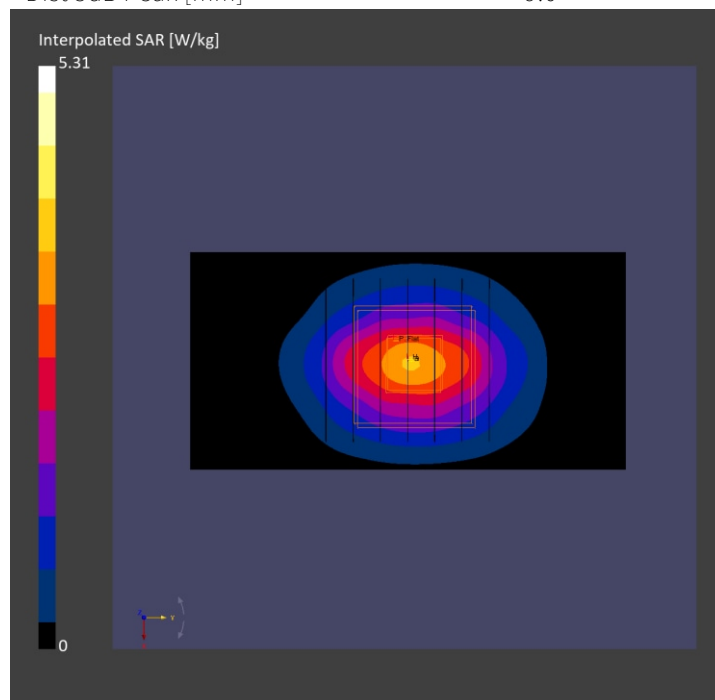
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.68	2.68
psSAR10g [W/Kg]	1.19	1.23
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		9.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 22.2°C
 Test Date: 04/01/2026
 Band: NR n77_Ant.G
 Plot No.: V22
 Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	3500.000, 0	6.17	2.96	38.5

Hardware Setup

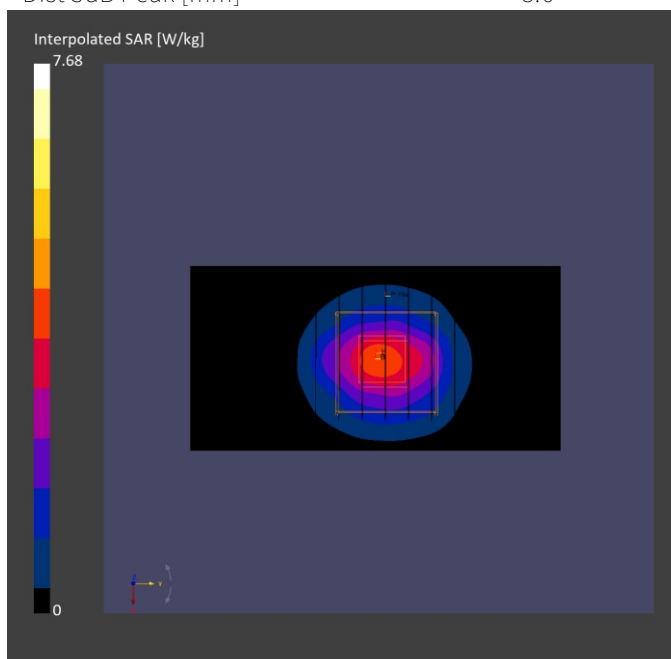
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.11	3.15
psSAR10g [W/Kg]	1.18	1.22
Power Drift [dB]	-0.00	0.02
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		8.6



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.5°C
 Test Date: 04/15/2026
 Band: NR n77_SRS
 Plot No.: V23
 Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	3500.000, 0	6.62	2.97	38.4

Hardware Setup

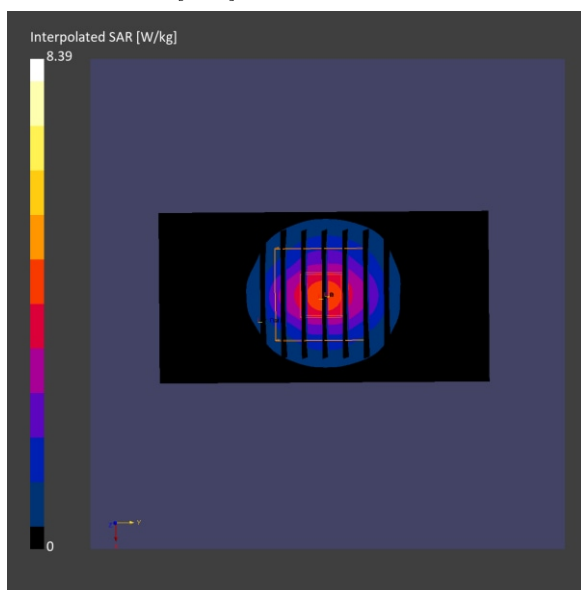
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7681, 2025-11-21	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.37	3.53
psSAR10g [W/Kg]	1.29	1.39
Power Drift [dB]	0.00	0.01
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		8.3



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 22.2°C
 Test Date: 04/01/2026
 Band: NR n77_Ant.G
 Plot No.: V24
 Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	3700.000, 0	6.11	3.14	37.9

Hardware Setup

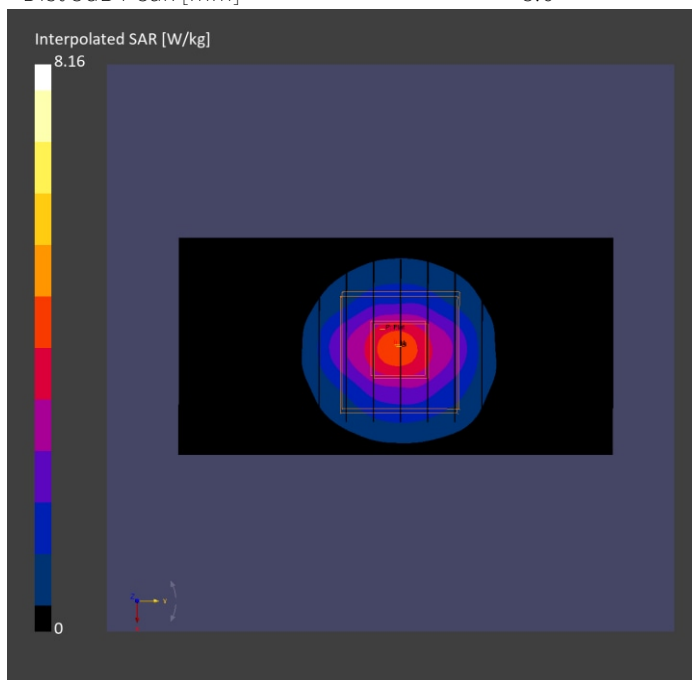
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.16	3.19
psSAR10g [W/Kg]	1.16	1.20
Power Drift [dB]	0.01	0.00
M2/M1 [%]		76.9
Dist 3dB Peak [mm]		8.6



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.5°C
 Test Date: 04/15/2026
 Band: NR n77 SRS
 Plot No.: V25
 Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	3700.000, 0	6.71	3.14	38.1

Hardware Setup

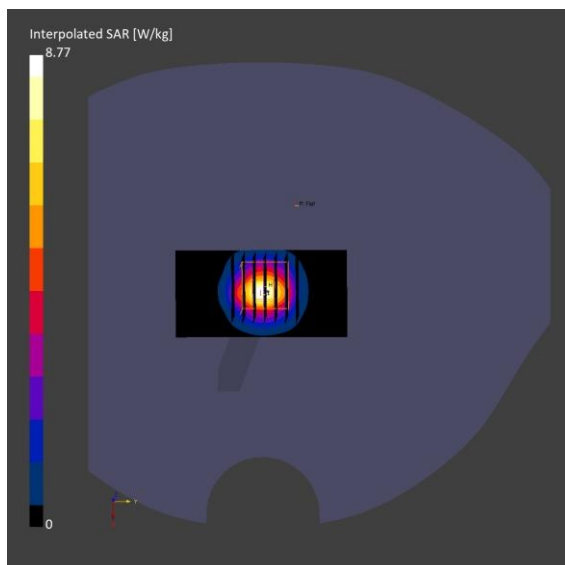
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt)	EX3DV4 - SN7681, 2025-11-21	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.34	3.54
psSAR10g [W/Kg]	1.25	1.36
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		76.7
Dist 3dB Peak [mm]		8.6



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 22.2°C
 Test Date: 04/01/2026
 Band: NR n77_Ant.G
 Plot No.: V26
 Measurement Report for Device, , , CW, Channel 0 (3900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	3900.000, 0	6.02	3.35	37.7

Hardware Setup

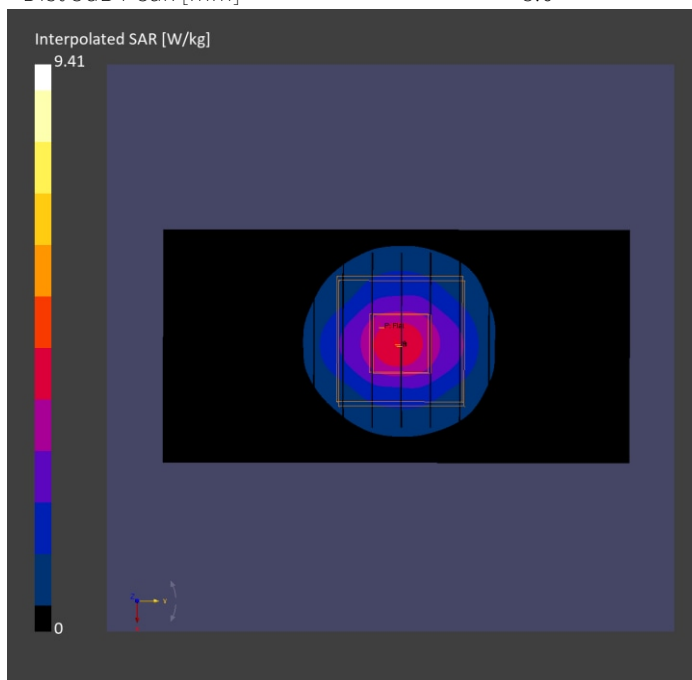
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.14	3.32
psSAR10g [W/Kg]	1.11	1.19
Power Drift [dB]	0.01	0.04
M2/M1 [%]		72.6
Dist 3dB Peak [mm]		8.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.5°C
 Test Date: 04/15/2026
 Band: NR n77 SRS
 Plot No.: V27
 Measurement Report for Device, , , CW, Channel 0 (3900.000 MHz)
 Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	3900.000, 0	6.62	3.35	37.7

Hardware Setup

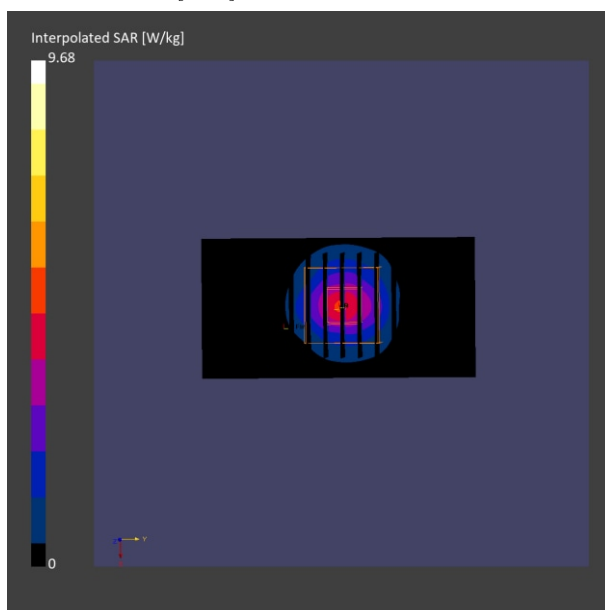
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN7681, 2025-11-21	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.39	3.65
psSAR10g [W/Kg]	1.22	1.33
Power Drift [dB]	0.02	0.02
M2/M1 [%]		74.9
Dist 3dB Peak [mm]		8.0



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.4°C
 Test Date: 04/15/2026
 Band: UNII 1_Ant.J
 Plot No.: V28
 Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	5250.000, 0	5.12	4.79	35.2

Hardware Setup

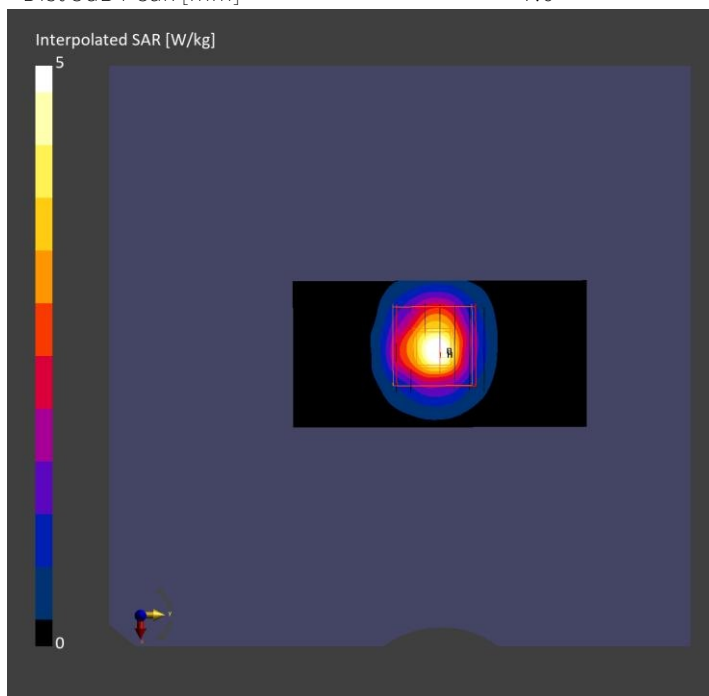
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.42	3.97
psSAR10g [W/Kg]	1.06	1.20
Power Drift [dB]	-0.00	-0.03
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		7.6



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.9°C
 Test Date: 04/09/2026
 Band: UNII 2A_Ant.J
 Plot No.: V29
 Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	5250.000, 0	5.12	4.79	35.2

Hardware Setup

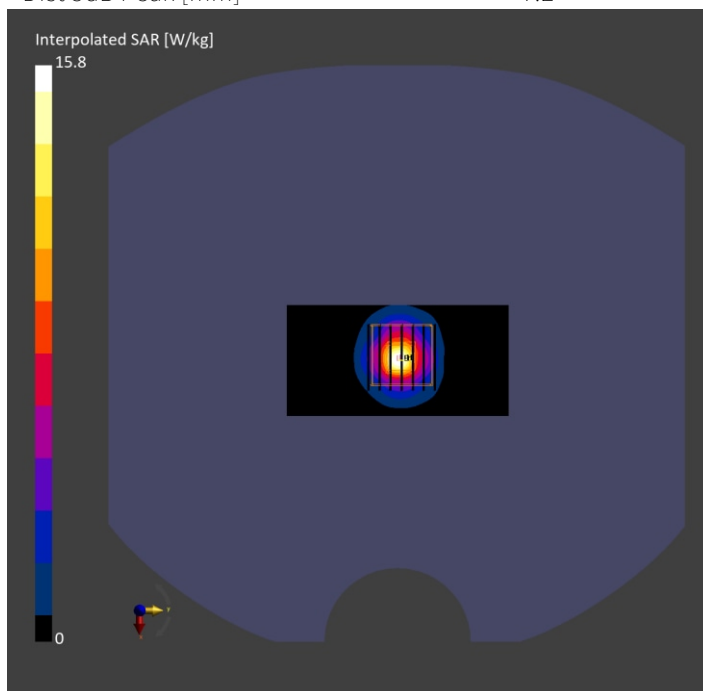
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.76	3.93
psSAR10g [W/Kg]	1.08	1.14
Power Drift [dB]	-0.18	-0.12
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		7.2



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.5°C
 Test Date: 04/10/2026
 Band: UNII 2C_Ant.J
 Plot No.: V30
 Measurement Report for Device, , , CW, Channel 0 (5600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	5600.000, 0	4.63	5.14	34.7

Hardware Setup

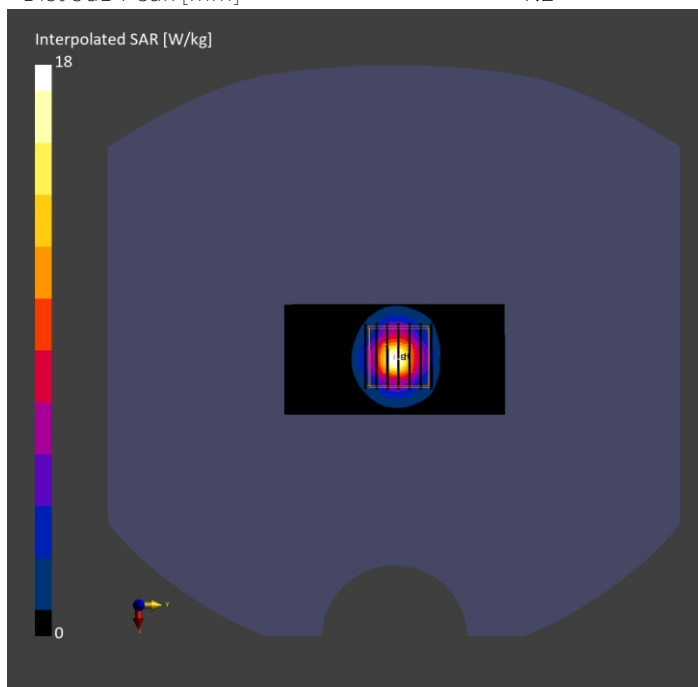
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.80	4.12
psSAR10g [W/Kg]	1.07	1.18
Power Drift [dB]	0.05	-0.02
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		7.2



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.1°C
 Test Date: 04/13/2026
 Band: UNII 3_Ant.J
 Plot No.: V31
 Measurement Report for Device, , , CW, Channel 0 (5750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	5750.000, 0	4.7	5.35	34.6

Hardware Setup

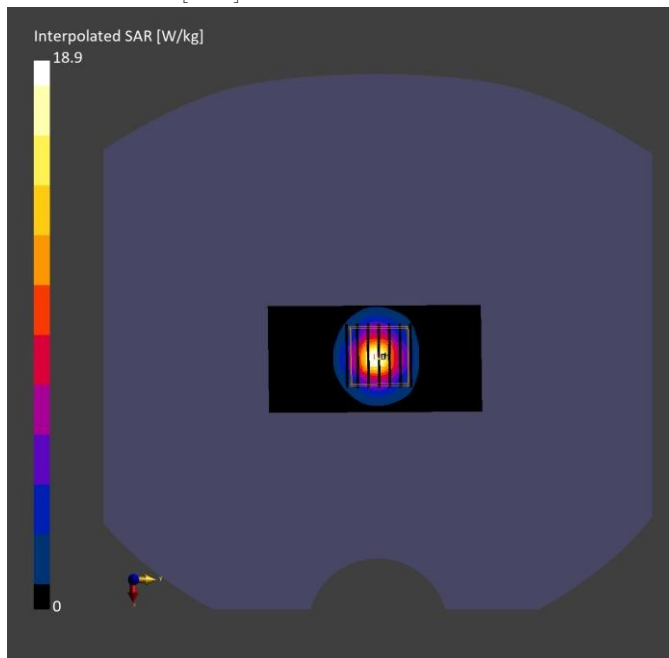
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.90	4.28
psSAR10g [W/Kg]	1.10	1.23
Power Drift [dB]	-0.01	0.03
M2/M1 [%]		59.1
Dist 3dB Peak [mm]		7.2



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 20.4°C
 Test Date: 03/27/2026
 Band: NFC
 Plot No.: V32
 Measurement Report for Device, , , CW, Channel 0 (13.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	13.000, 0	5.47	0.736	53.9

Hardware Setup

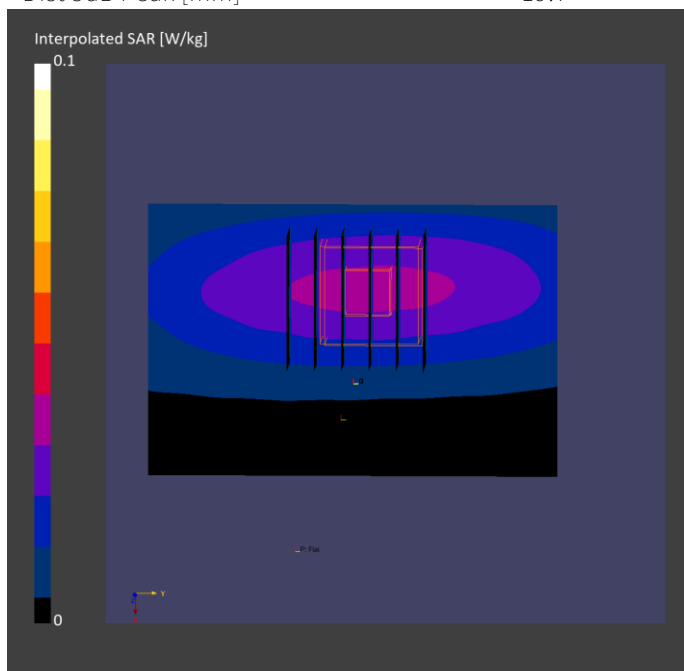
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) -	ES3DV3 - SN3076, 2025-07-22	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	3.0
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.034	0.029
psSAR10g [W/Kg]	0.027	0.018
Power Drift [dB]	-0.09	0.03
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		19.7



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.9°C
 Test Date: 04/09/2026
 Band: UNII 2A_Ant.J
 Plot No.: V33
 Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	5250.000, 0	5.12	4.79	35.2

Hardware Setup

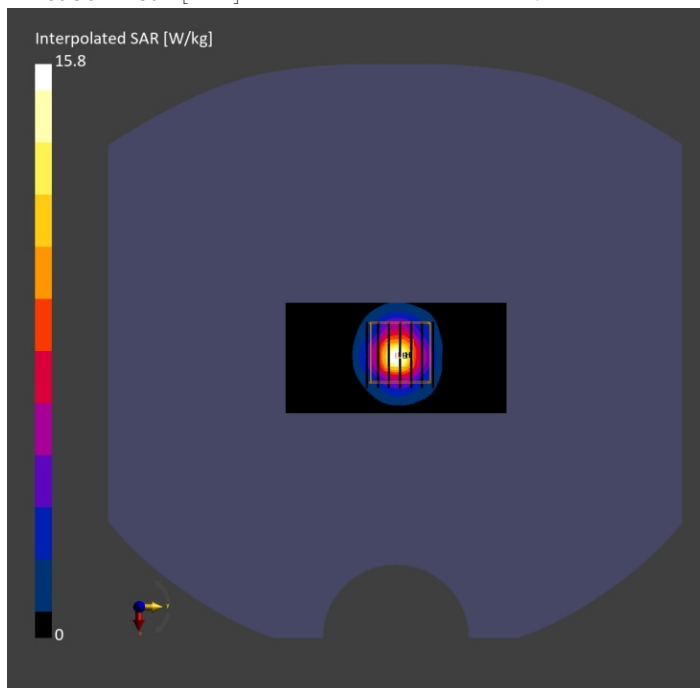
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.76	3.93
psSAR10g [W/Kg]	1.08	1.14
Power Drift [dB]	-0.18	-0.12
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		7.2



Test Laboratory: HCT CO., LTD
 Input Power: 0.5 W
 Liquid Temperature: 21.7°C
 Test Date: 04/10/2026
 Band: UNII 2C_Ant.J
 Plot No.: V34
 Measurement Report for Device, , , CW, Channel 0 (5600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0	5600.000, 0	4.63	5.14	34.7

Hardware Setup

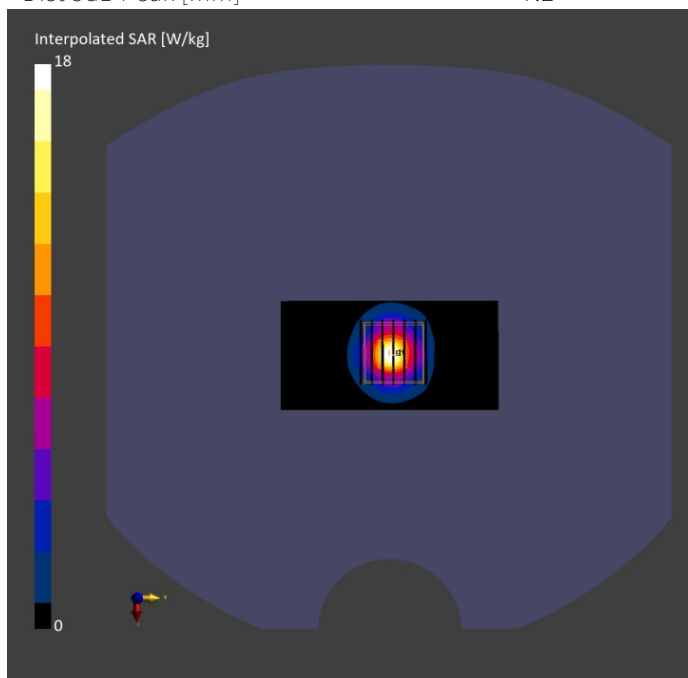
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -	EX3DV4 - SN3903, 2025-07-23	DAE4 Sn1225, 2025-09-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.80	4.12
psSAR10g [W/Kg]	1.07	1.18
Power Drift [dB]	0.05	-0.02
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		7.2



Appendix D.– SAR Tissue Characterization

The brain and muscle mixtures consist of a viscous gel using hydrox-ethyl cellulose (HEC) gelling agent and saline solution (see Table 3.1). Preservation with a bactericide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue. The mixture characterizations used for the brain and muscle tissue simulating liquids are according to the data by C. Gabriel and G. Harts grove.

Ingredients (% by weight)	Frequency (MHz)									
	750		835		1 900		2 450 – 2 700		3500 - 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.18	0.39	0.16	0.1	0.0	0.0
Sugar	57.0	47.2	57.0	44.9	0.0	0	0.0	0.0	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0	0.0	0.0	0.0	0.0
Bactericide	0.2	0.1	0.1	0.1	0.0	0	0.0	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	19.97	0.0	17.24	10.67
DGBE	0.0	0.0	0.0	0.0	44.92	29.44	7.99	26.7	0.0	0.0
Diethylene glycol hexyl ether	-	-	-	-	-	-	-	-	-	-

Salt:	99 % Pure Sodium Chloride	Sugar:	98 % Pure Sucrose
Water:	De-ionized, 16M resistivity	HEC:	Hydroxyethyl Cellulose
DGBE:	99 % Di (ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]		
Triton X-100(ultra-pure):	Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether		

Composition of the Tissue Equivalent Matter

Appendix E. – SAR System Validation

Per FCC KDB 865664 D02v01r02, SAR system validation status should be document to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2013 and FCC KDB 865664 D01v01r04. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
15	7732	EX3DV4	Head	750	1014	2025-06-26	42.1	0.90	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	835	4d165	2025-06-26	41.4	0.89	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	835	4d165	2025-06-26	41.4	0.89	PASS	PASS	PASS	GMSK	PASS	N/A
15	7732	EX3DV4	Head	1750	2d007	2026-04-03	40.2	1.38	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	1750	2d007	2026-04-02	40.1	1.39	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	1900	5d032	2026-02-09	40.0	1.41	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	1900	5d032	2026-02-09	40.0	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
15	7732	EX3DV4	Head	2450	743	2026-03-16	39.3	1.81	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	2450	743	2026-03-17	39.2	1.85	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	2600	1043	2025-08-01	39.1	1.96	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	2600	1043	2025-08-01	39.1	1.96	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	3500	1132	2026-02-10	37.9	2.93	PASS	PASS	PASS	N/A	N/A	N/A
13	7681	EX3DV4	Head	3500	1132	2026-02-10	37.9	2.93	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	3700	1066	2025-09-16	37.6	3.14	PASS	PASS	PASS	N/A	N/A	N/A
13	7681	EX3DV4	Head	3700	1066	2025-12-18	37.8	3.15	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	3900	1019	2025-08-30	37.5	3.32	PASS	PASS	PASS	N/A	N/A	N/A
13	7681	EX3DV4	Head	3900	1019	2025-12-18	37.4	3.35	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	5250	1253	2025-10-16	35.8	4.70	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	5600	1253	2025-10-16	35.4	5.10	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	5750	1253	2025-10-16	35.3	5.22	PASS	PASS	PASS	OFDM	N/A	PASS

SAR System Validation Summary 1g

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
5	3076	ES3DV3	Head	13	1016	2025-12-01	55.2	0.76	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	5250	1253	2025-10-16	35.8	4.70	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	5600	1253	2025-10-16	35.4	5.10	PASS	PASS	PASS	OFDM	N/A	PASS

SAR System Validation Summary 10g

Note;

All measurement was performed using probes calibrated for CW signal only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04. SAR system were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to KDB 865664 D01v01r04.