

Measurement Report for W01_802.11b_CH11_Back of Keyboard_0mm_Ant Main (2462.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	2.4 GHz	WiFi (802.11b), 10415-	2462.000, 11	7.29	1.90	38.4

Hardware Setup

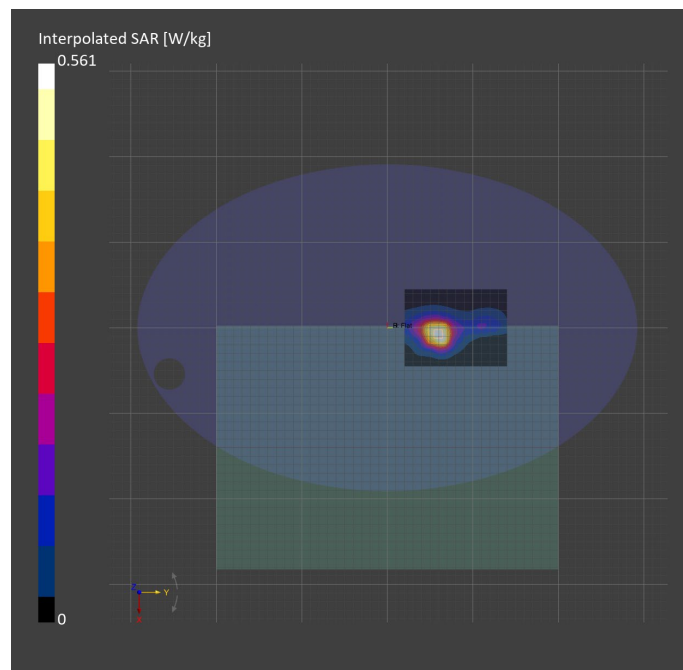
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H2300-2700MHz_0127,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	94.0 x 132.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-27	2026-01-27
psSAR1g [W/kg]	0.465	0.508
psSAR10g [W/kg]	0.248	0.249
Power Drift [dB]	-0.05	0.01
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		13.6



Measurement Report for W02_802.11b_CH11_Back of Keyboard_0mm_Ant Aux (2462.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	2.4 GHz	WiFi (802.11b), 10415-	2462.000, 11	7.29	1.90	38.4

Hardware Setup

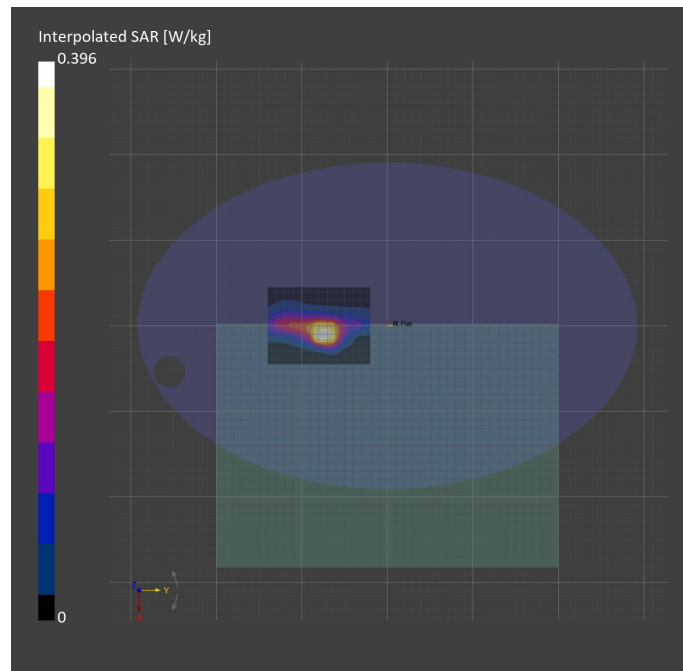
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H2300-2700MHz_0127,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	94.0 x 132.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-27	2026-01-27
psSAR1g [W/kg]	0.325	0.351
psSAR10g [W/kg]	0.173	0.173
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		12.2



Measurement Report for W03_BT DH5_CH78_Back of Keyboard_0mm_Ant Main (2480.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-	2480.000, 78	7.29	1.92	38.3

Hardware Setup

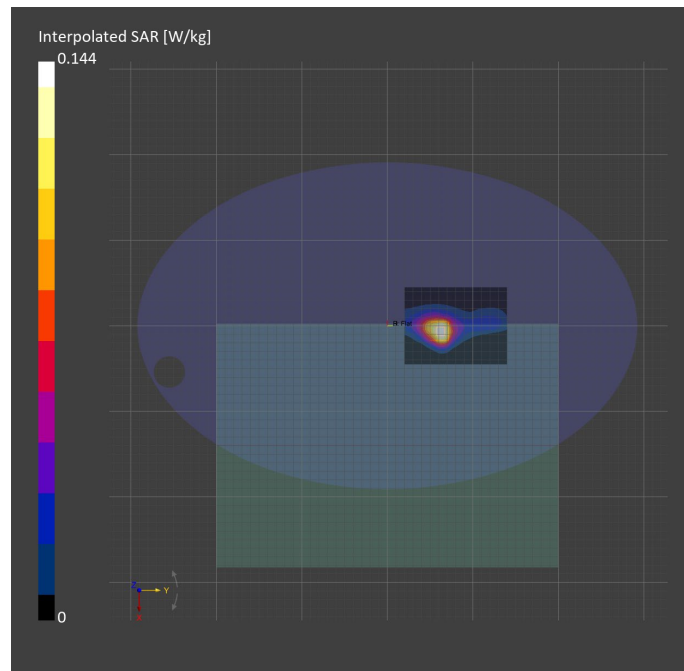
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H2300-2700MHz_0127,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	94.0 x 132.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-27	2026-01-27
psSAR1g [W/kg]	0.117	0.120
psSAR10g [W/kg]	0.061	0.057
Power Drift [dB]	-0.04	0.06
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		48.7
Dist 3dB Peak [mm]		12.9



Measurement Report for W04_802.11ac VHT80_CH42_Back of Keyboard_0mm_Ant Main (5210.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 1 / 2A	WiFi (802.11ac), 10544-	5210.000, 42	5.71	4.66	35.6

Hardware Setup

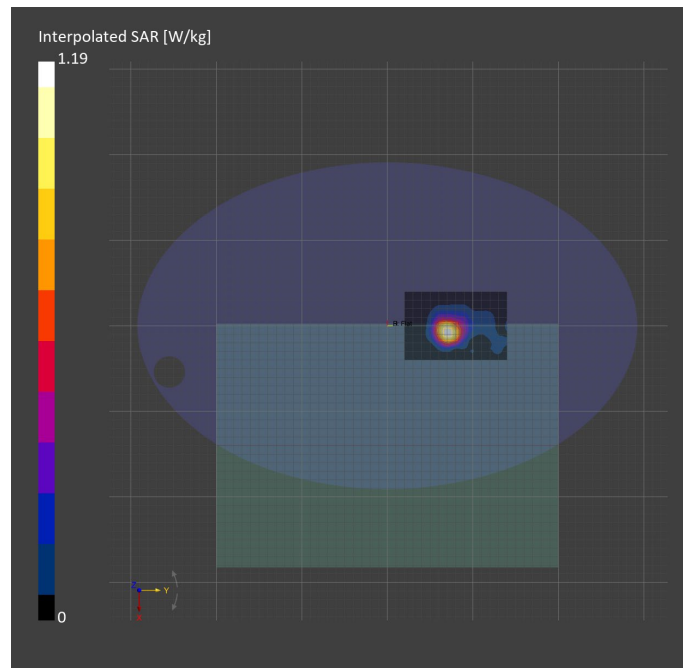
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	0.867	0.866
psSAR10g [W/kg]	0.347	0.338
Power Drift [dB]	0.03	0.02
Power Scaling Scaling Factor	Disabled	Disabled
TSL Correction M2/M1 [%]	No correction	No correction
Dist 3dB Peak [mm]		54.0
		12.5



Measurement Report for W05_802.11ac VHT80_CH42_Back of Keyboard_0mm_Ant Aux (5210.000MHz)
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 1 / 2A	WiFi (802.11ac), 10544-	5210.000, 42	5.71	4.66	35.6

Hardware Setup

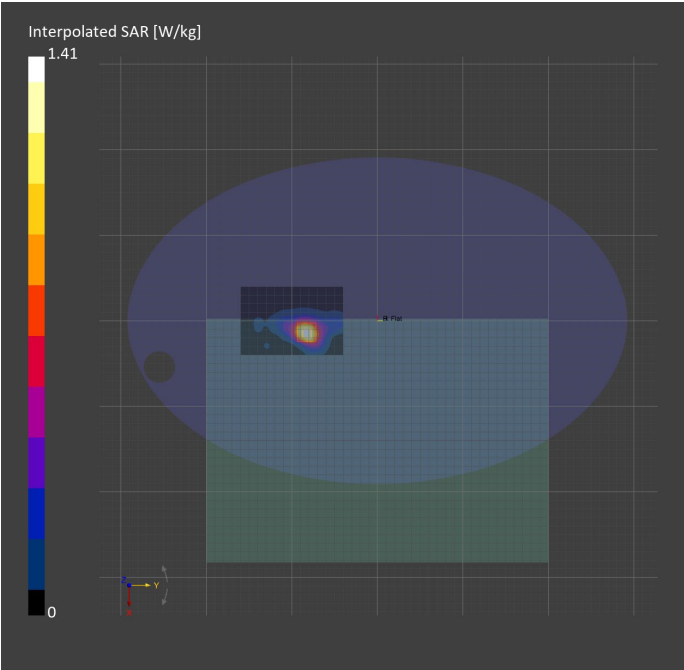
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	1.05	1.06
psSAR10g [W/kg]	0.406	0.409
Power Drift [dB]	0.04	0.00
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		10.4



Measurement Report for W06_802.11ac VHT160_CH50_Back of Keyboard_0mm_Ant Main (5250.000MHz)
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 1 / 2A	WiFi (802.11ac), 10554-	5250.000, 50	5.71	4.71	35.5

Hardware Setup

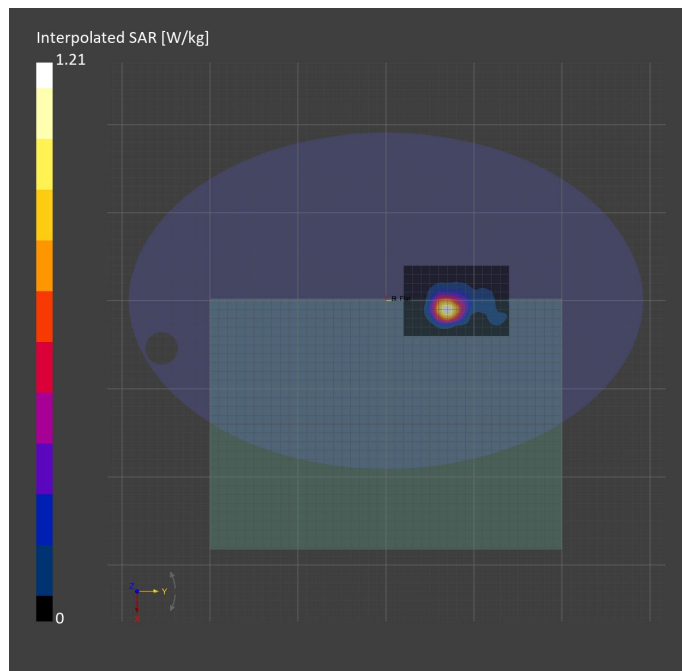
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	0.869	0.851
psSAR10g [W/kg]	0.336	0.328
Power Drift [dB]	0.05	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.2
Dist 3dB Peak [mm]		12.2



Measurement Report for W07_802.11ac VHT160_CH50_Back of Keyboard_0mm_Ant Aux (5250.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 1 / 2A	WiFi (802.11ac), 10554-	5250.000, 50	5.71	4.71	35.5

Hardware Setup

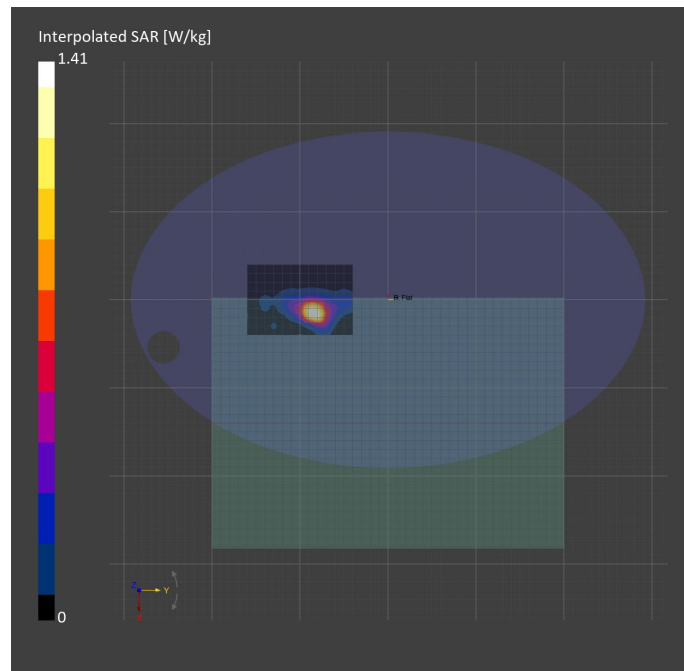
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	1.05	1.07
psSAR10g [W/kg]	0.408	0.410
Power Drift [dB]	0.05	0.03
Power Scaling Scaling Factor	Disabled	Disabled
TSL Correction M2/M1 [%]	No correction	No correction
Dist 3dB Peak [mm]		52.4
		10.8



Measurement Report for W08_802.11ac VHT160_CH114_Back of Keyboard_0mm_Ant Main (5570.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 2C	WiFi (802.11ac), 10554-	5570.000, 114	5.33	5.08	34.8

Hardware Setup

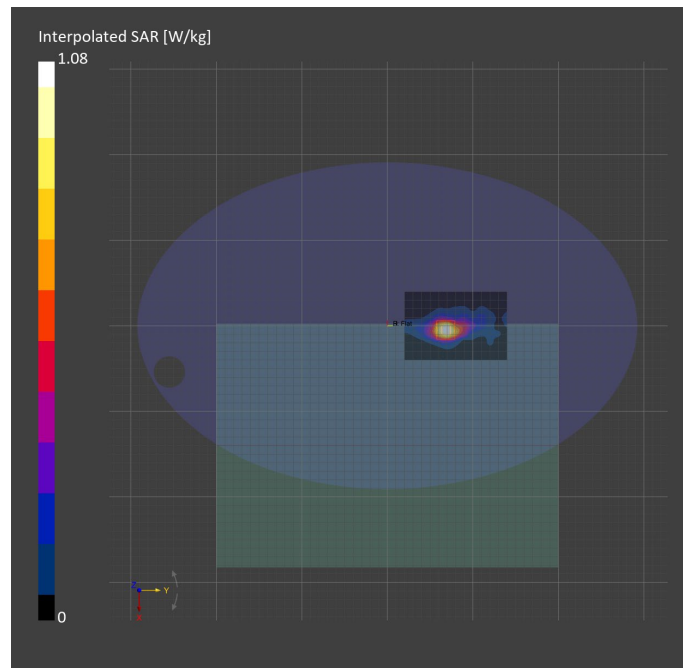
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	0.815	0.864
psSAR10g [W/kg]	0.306	0.304
Power Drift [dB]	0.02	0.01
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		9.4



Measurement Report for W09_802.11ac VHT160_CH114_Back of Keyboard_0mm_Ant Aux (5570.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 2C	WiFi (802.11ac), 10554-	5570.000, 114	5.33	5.08	34.8

Hardware Setup

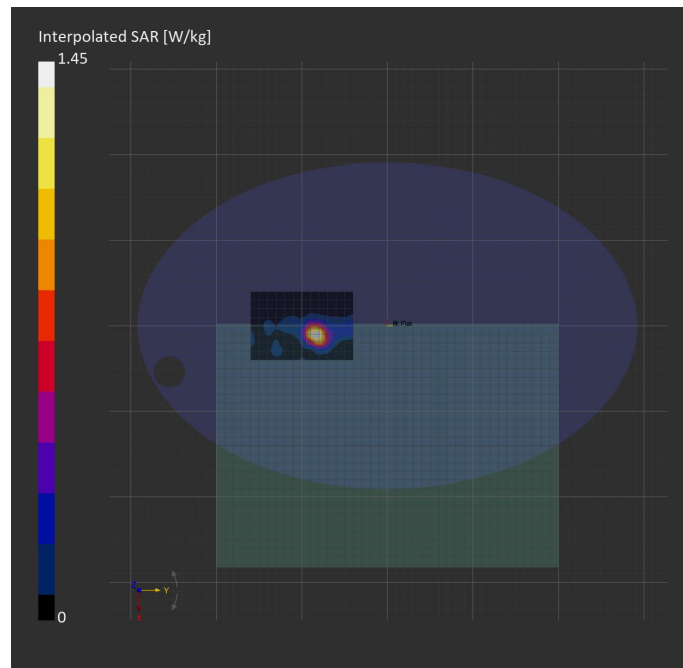
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	1.06	1.07
psSAR10g [W/kg]	0.376	0.375
Power Drift [dB]	0.06	0.06
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		9.7



Measurement Report for W10_802.11ac VHT80_CH155_Back of Keyboard_0mm_Ant Main (5775.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 3	WiFi (802.11ac), 10544-	5775.000, 155	5.25	5.33	34.3

Hardware Setup

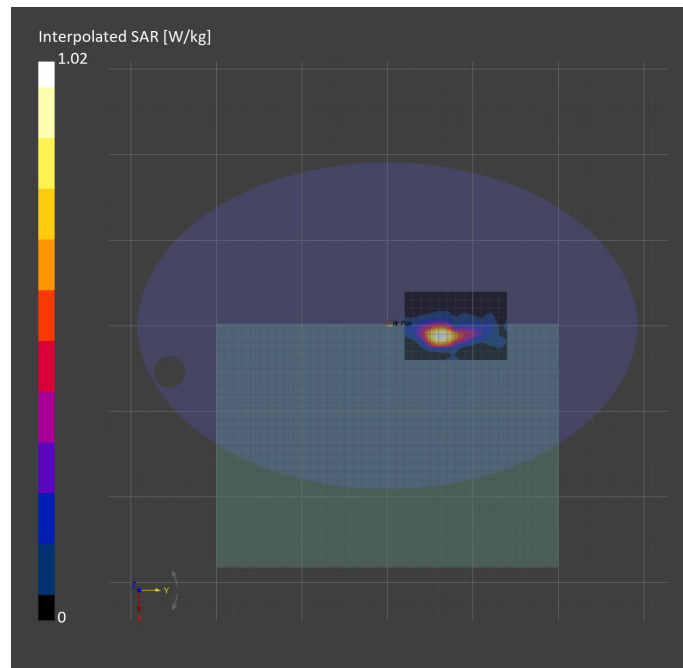
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	0.773	0.759
psSAR10g [W/kg]	0.300	0.294
Power Drift [dB]	0.10	0.02
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		48.1
Dist 3dB Peak [mm]		11.5



Measurement Report for W11_802.11ac VHT80_CH155_Back of Keyboard_0mm_Ant Aux (5775.000MHz)
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 3	WiFi (802.11ac), 10544-	5775.000, 155	5.25	5.33	34.3

Hardware Setup

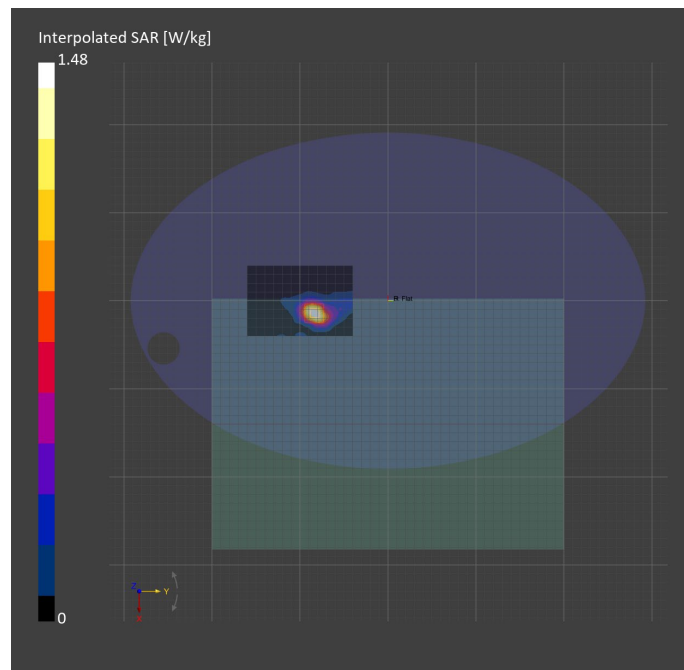
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	1.12	1.17
psSAR10g [W/kg]	0.415	0.419
Power Drift [dB]	0.14	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor		
[dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.1
Dist 3dB Peak [mm]		8.3



Measurement Report for W12_802.11ac VHT160_CH163_Back of Keyboard_0mm_Ant Main (5815.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 3	WiFi (802.11ac), 10554-	5815.000, 163	5.12	5.38	34.2

Hardware Setup

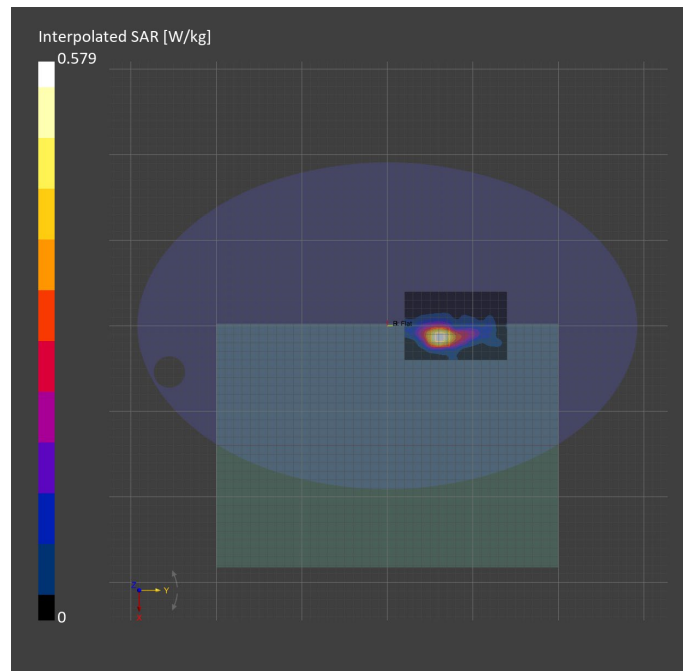
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	0.442	0.440
psSAR10g [W/kg]	0.173	0.169
Power Drift [dB]	0.02	0.16
Power Scaling Scaling Factor	Disabled	Disabled
TSL Correction M2/M1 [%]	No correction	No correction
Dist 3dB Peak [mm]		47.4 11.4



Measurement Report for W13_802.11ac VHT160_CH163_Back of Keyboard_0mm_Ant Aux (5815.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 3	WiFi (802.11ac), 10554-	5815.000, 163	5.12	5.38	34.2

Hardware Setup

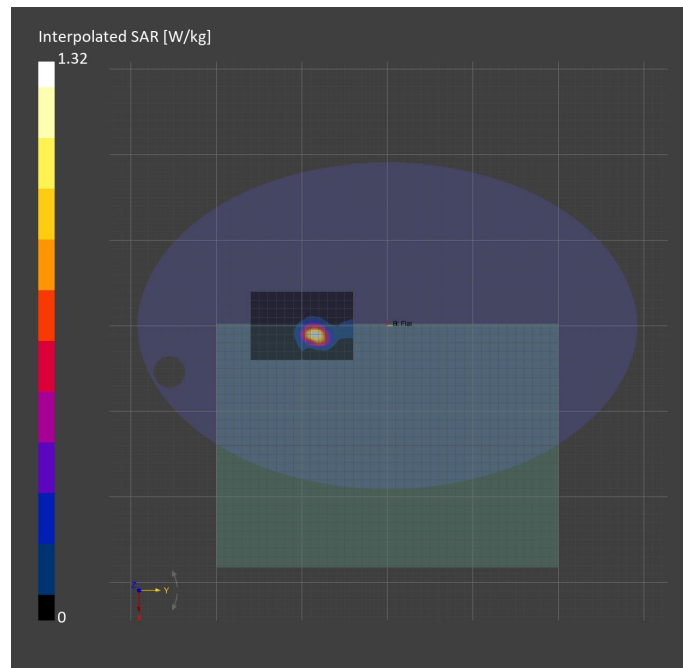
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H4500-6000MHz_0126,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-26	2026-01-26
psSAR1g [W/kg]	0.969	1.00
psSAR10g [W/kg]	0.328	0.333
Power Drift [dB]	0.16	-0.04
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		7.3



Measurement Report for W15_802.11ax HE160_CH47_Back of Keyboard_0mm_Ant Main (6185.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 5	WiFi (802.11ax), 10755-	6185.000, 47	5.51	5.75	35.3

Hardware Setup

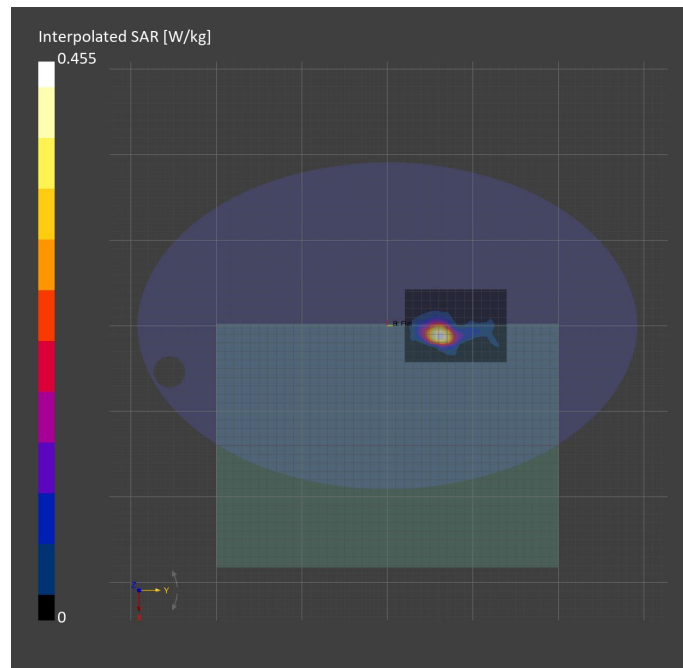
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.353	0.342
psSAR10g [W/kg]	0.133	0.132
Power Drift [dB]	0.00	-0.05
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		9.6



Measurement Report for W19_802.11ax HE160_CH15_Back of Keyboard_0mm_Ant Aux (6025.000MHz)
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 5	WiFi (802.11ax), 10755-	6025.000, 15	5.51	5.67	35.2

Hardware Setup

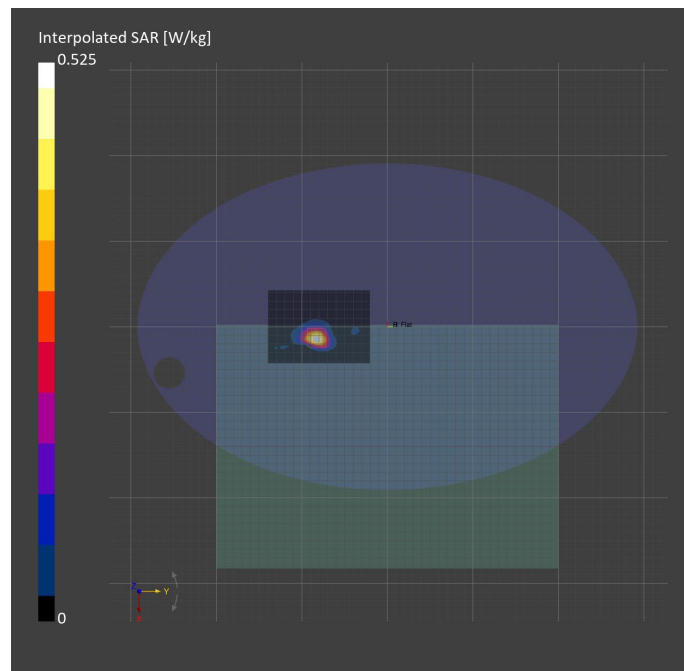
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.382	0.391
psSAR10g [W/kg]	0.130	0.131
Power Drift [dB]	-0.07	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.9
Dist 3dB Peak [mm]		7.7



Measurement Report for W20_802.11ax HE160_CH111_Back of Keyboard_0mm_Ant Main (6505.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 6	WiFi (802.11ax), 10755-	6505.000, 111	5.51	6.14	34.5

Hardware Setup

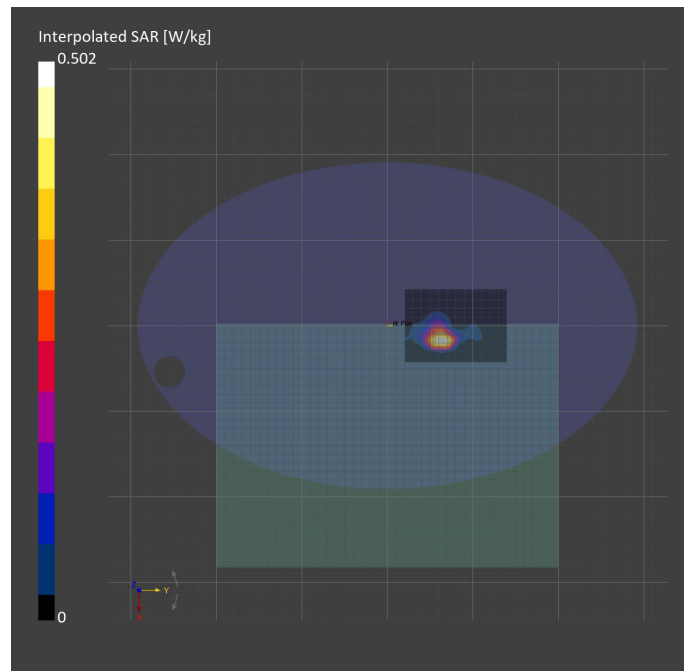
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.382	0.381
psSAR10g [W/kg]	0.140	0.129
Power Drift [dB]	-0.03	-0.01
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		51.7
Dist 3dB Peak [mm]		6.2



Measurement Report for W21_802.11ax HE160_CH111_Back of Keyboard_0mm_Ant Aux (6505.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 6	WiFi (802.11ax), 10755-	6505.000, 111	5.51	6.14	34.5

Hardware Setup

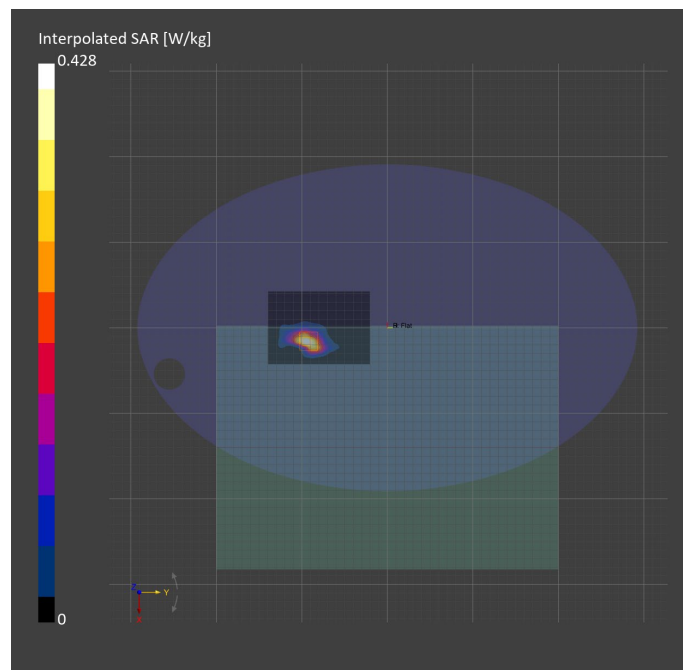
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.320	0.323
psSAR10g [W/kg]	0.111	0.113
Power Drift [dB]	-0.09	-0.17
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		57.1
Dist 3dB Peak [mm]		7.7



Measurement Report for W22_802.11ax HE160_CH143_Back of Keyboard_0mm_Ant Main (6665.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 7	WiFi (802.11ax), 10755-	6665.000, 143	5.51	6.20	33.7

Hardware Setup

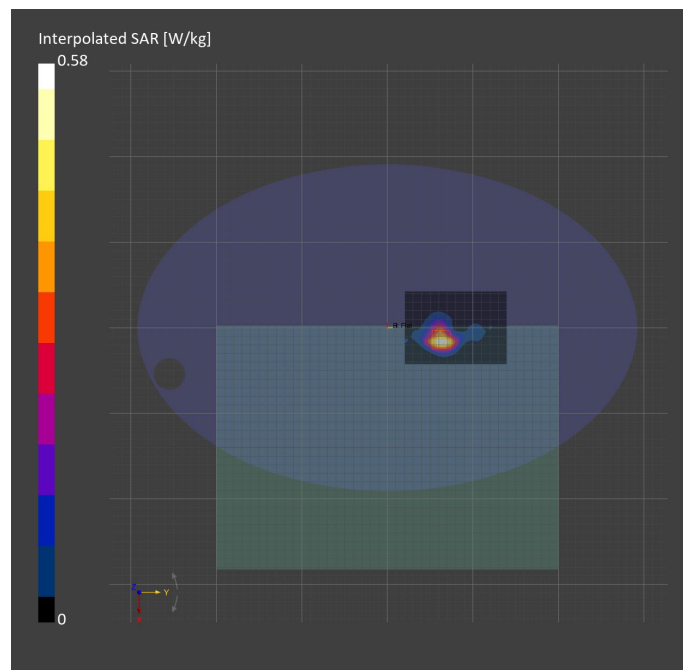
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.439	0.450
psSAR10g [W/kg]	0.159	0.158
Power Drift [dB]	-0.18	-0.04
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		55.1
Dist 3dB Peak [mm]		6.2



Measurement Report for W23_802.11ax HE160_CH143_Back of Keyboard_0mm_Ant Aux (6665.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 7	WiFi (802.11ax), 10755-	6665.000, 143	5.51	6.20	33.7

Hardware Setup

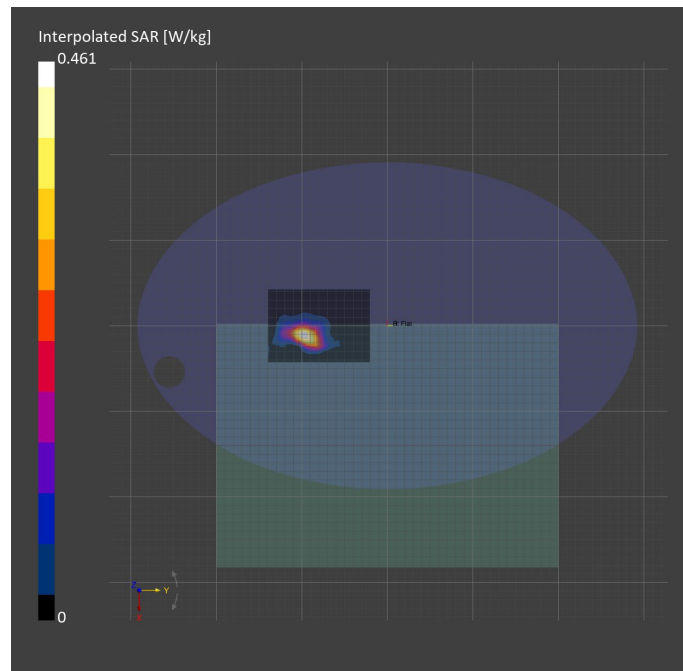
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.368	0.378
psSAR10g [W/kg]	0.133	0.130
Power Drift [dB]	-0.01	-0.17
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		8.0



Measurement Report for W25_802.11ax HE160_CH207_Back of Keyboard_0mm_Ant Main (6985.000MHz)
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 8	WiFi (802.11ax), 10755-	6985.000, 207	5.51	6.50	33.3

Hardware Setup

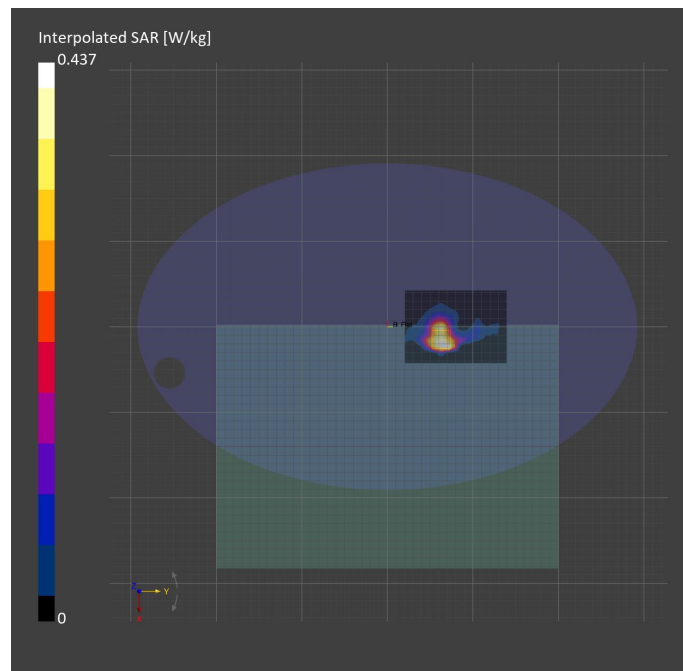
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.364	0.367
psSAR10g [W/kg]	0.145	0.133
Power Drift [dB]	0.06	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		6.3



Measurement Report for W26_802.11ax HE160_CH207_Back of Keyboard_0mm_Ant Aux (6985.000MHz) Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	400.0 x 285.0 x 22.0		Laptop

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 of Keyboard, 0.00	U-NII 8	WiFi (802.11ax), 10755-	6985.000, 207	5.51	6.50	33.3

Hardware Setup

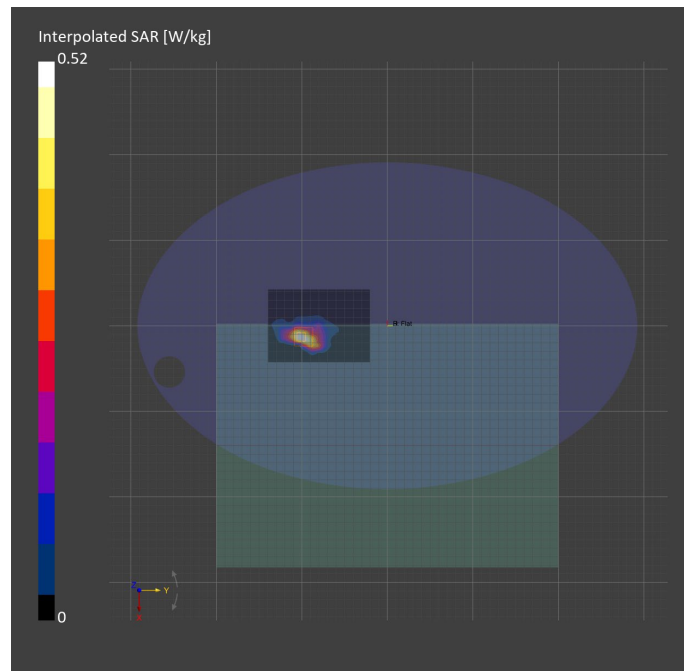
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1128	H600-10000MHz_0227,	EX3DV4 - SN7693, 2025-11-26	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 105.0	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]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-02-27	2026-02-27
psSAR1g [W/kg]	0.434	0.422
psSAR10g [W/kg]	0.149	0.142
Power Drift [dB]	-0.12	-0.04
Power Scaling Scaling Factor [dB]	Disabled	Disabled
TSL Correction	No correction	No correction
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		7.4



Measurement Report for W19_802.11ax HE160_CH15_Back of Keyboard_0mm_Ant Aux (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device	400.0 x 285.0 x 22.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Back of Keyboard, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

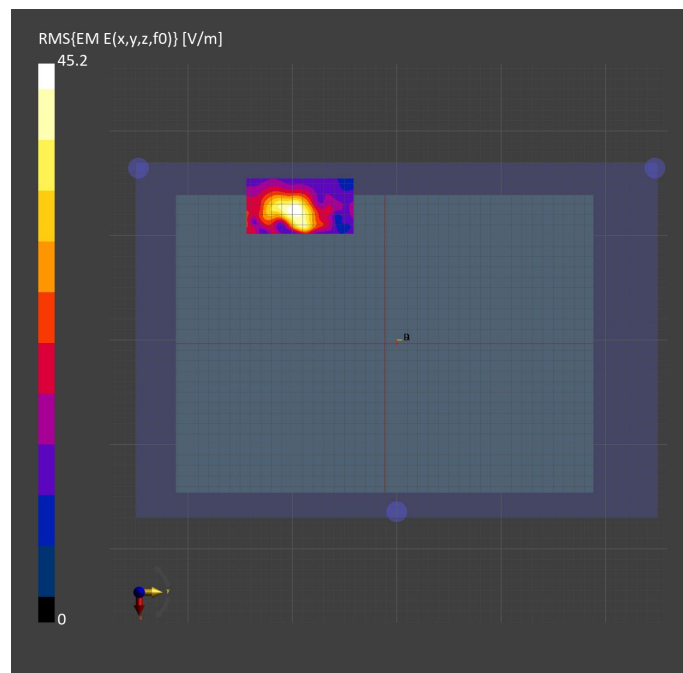
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave-xxxx	---Air	EUmmWV4 - SN9561_F1-55GHz, 2025-06-18	DAE4 Sn1390, 2025-11-19

Scan Setup

	5G Scan
Grid Extents [mm]	50.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2026-02-28
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.24
psPDtot+ [W/m ²]	3.60
psPDmod+ [W/m ²]	3.95
E _{max} [V/m]	45.2
Power Drift [dB]	-0.18



Measurement Report for W22_802.11ax HE160_CH143_Back of Keyboard_0mm_Ant Main (6665.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device	400.0 x 285.0 x 22.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Back of Keyboard, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave-xxxx	---Air	EUmmWV4 - SN9561_F1-55GHz, 2025-06-18	DAE4 Sn1390, 2025-11-19

Scan Setup

	5G Scan
Grid Extents [mm]	75.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2026-02-28
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.24
psPDtot+ [W/m²]	3.67
psPDmod+ [W/m²]	3.97
E _{max} [V/m]	43.8
Power Drift [dB]	-0.07

