

Appendix C: Measurement report



Plot Nº1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	GSM 850	GSM, 10021-DAC	824.2, 128	9.15	0.900	42.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025-01-21 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

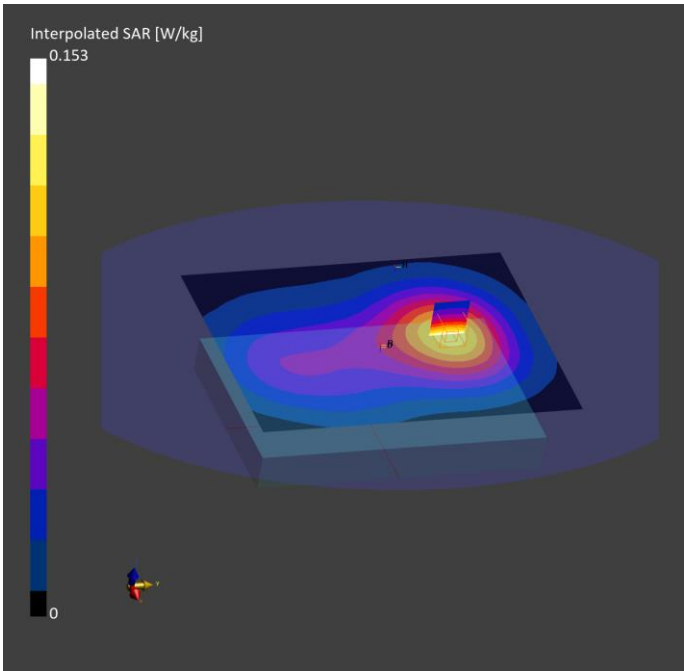
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-21, 22:06	2025-01-21, 22:12
psSAR1g [W/kg]	0.109	0.114
psSAR10g [W/kg]	0.077	0.086
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		90.6
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº2

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	GSM 850	GSM, 10023-DAC	824.2, 128	9.15	0.900	42.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025-01-21 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

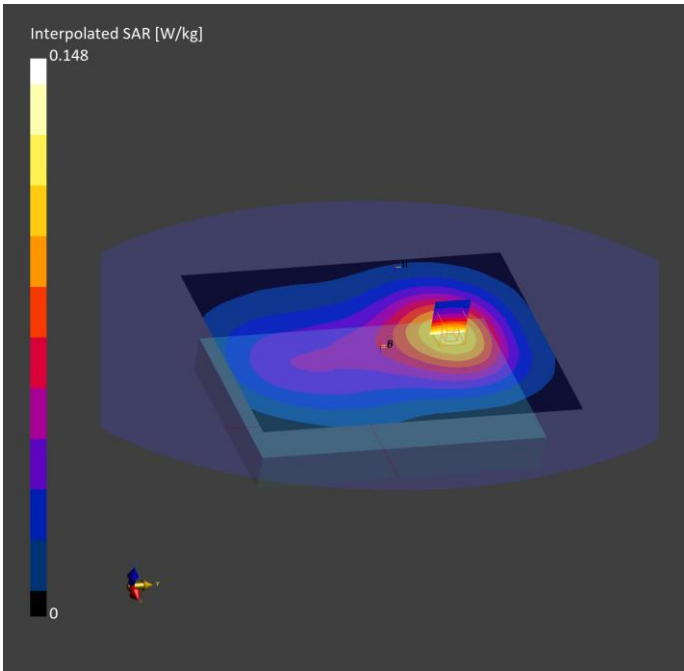
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-21, 21:32	2025-01-21, 21:38
psSAR1g [W/kg]	0.104	0.109
psSAR10g [W/kg]	0.074	0.082
Power Drift [dB]	-0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.5
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº3

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	PCS 1900	GSM, 10021-DAC	1909.8, 810	8.52	1.36	38.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 2000MHz - 2025-01-14 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

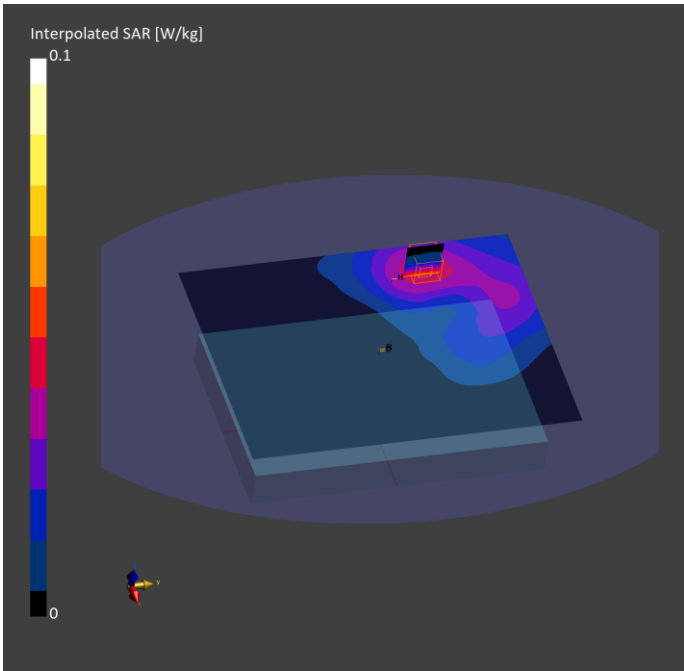
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 20:27	2025-01-20, 20:33
psSAR1g [W/kg]	0.042	0.043
psSAR10g [W/kg]	0.026	0.029
Power Drift [dB]	-0.00	0.22
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		87.4
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº4

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	PCS 1900	GSM, 10023-DAC	1909.8, 810	8.52	1.36	38.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 2000MHz - 2025-01-14 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

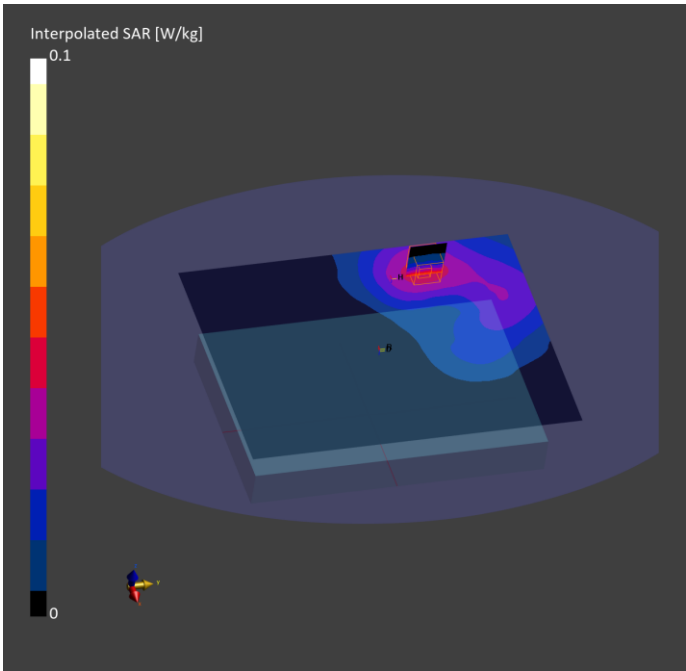
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-20, 21:29	2025-01-20, 21:35
psSAR1g [W/kg]	0.041	0.040
psSAR10g [W/kg]	0.025	0.026
Power Drift [dB]	0.06	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.6
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°5

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 5	WCDMA, 10011-CAC	846.6, 4233	9.15	0.910	42.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025-01-21 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

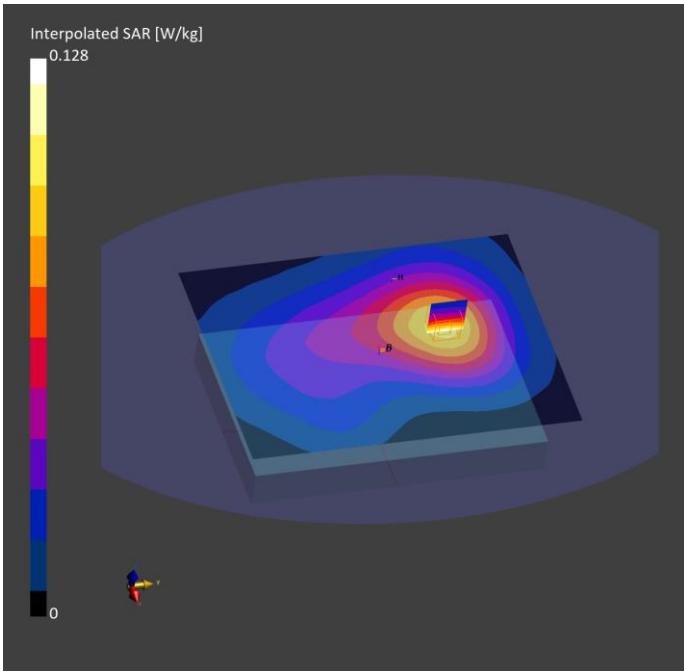
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-21, 19:59	2025-01-21, 20:05
psSAR1g [W/kg]	0.090	0.094
psSAR10g [W/kg]	0.063	0.071
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.2
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº6

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 4	LTE-FDD, 10169-CAF	1732.5, 20175	8.52	1.25	36.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 1800MHz - 2024-01-19 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

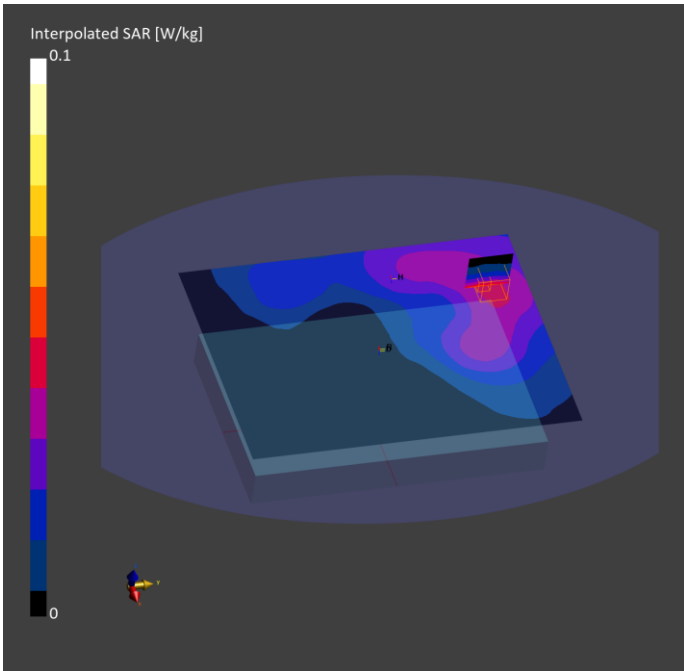
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-19, 15:04	2025-01-19, 15:11
psSAR1g [W/kg]	0.039	0.039
psSAR10g [W/kg]	0.025	0.026
Power Drift [dB]	0.14	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		87.1
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°7

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 5	LTE-FDD, 10175-CAH	836.5, 20525	9.15	0.903	42.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025-01-21 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

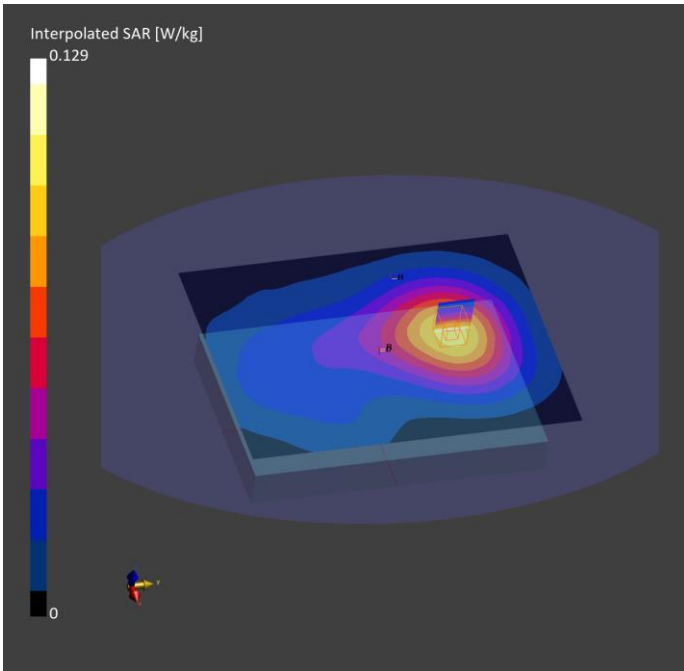
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-21, 20:20	2025-01-21, 20:26
psSAR1g [W/kg]	0.091	0.095
psSAR10g [W/kg]	0.064	0.071
Power Drift [dB]	-0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.7
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº8

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 7	LTE-FDD, 10169-CAF	2510.0, 20850	7.82	1.89	38.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 2600MHz - 2025-01-18 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

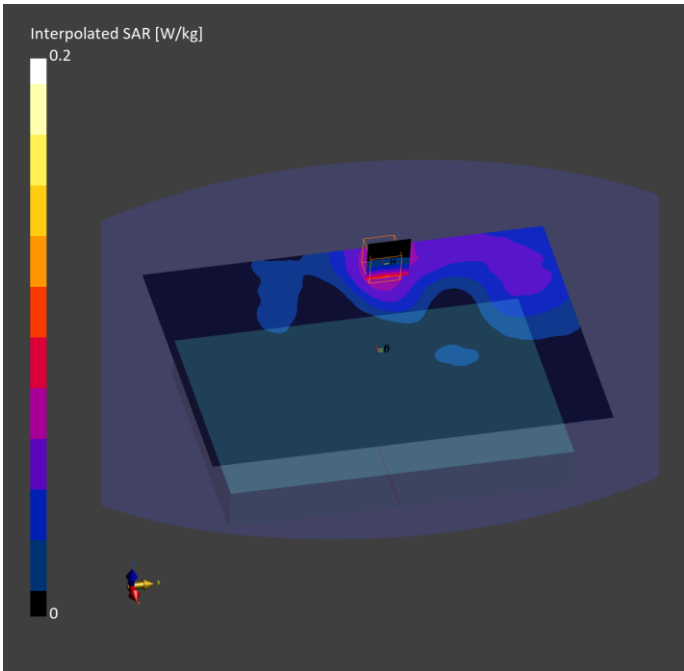
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-19, 08:14	2025-01-19, 08:22
psSAR1g [W/kg]	0.067	0.069
psSAR10g [W/kg]	0.040	0.042
Power Drift [dB]	-0.08	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.8
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº9

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 13	LTE-FDD, 10175-CAH	782.0, 23230	10.14	0.870	42.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-01-22 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

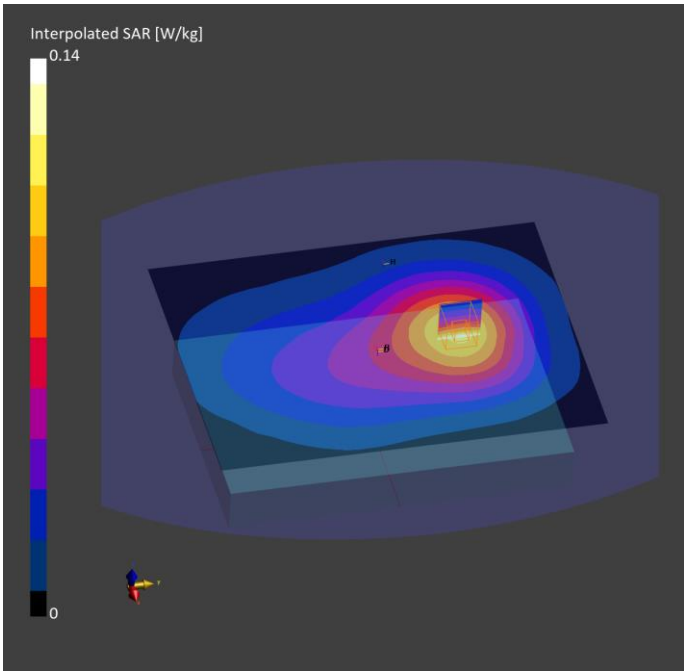
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-22, 16:39	2025-01-22, 16:45
psSAR1g [W/kg]	0.099	0.102
psSAR10g [W/kg]	0.070	0.077
Power Drift [dB]	-0.10	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.0
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº10

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 14	LTE-FDD, 10175-CAH	793.0, 23330	10.14	0.870	42.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-01-22 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

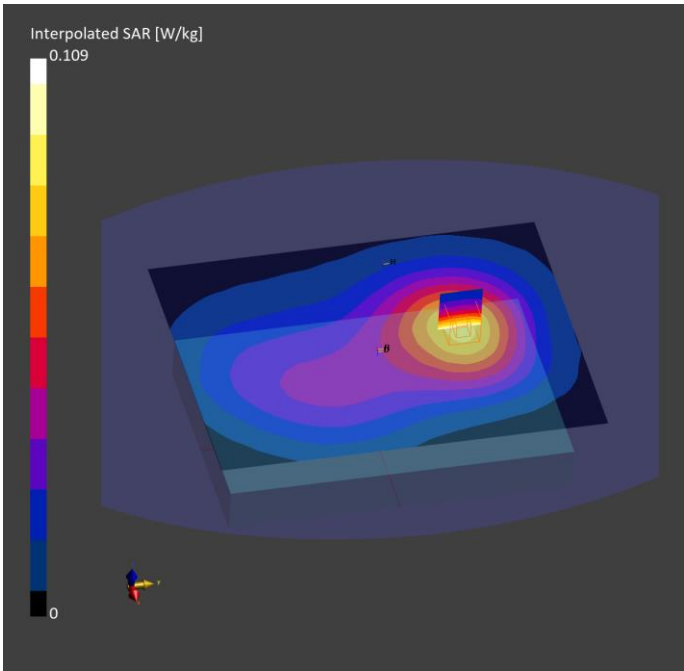
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-22, 20:31	2025-01-22, 20:37
psSAR1g [W/kg]	0.078	0.081
psSAR10g [W/kg]	0.055	0.061
Power Drift [dB]	-0.03	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.9
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº11

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 17	LTE-FDD, 10175-CAH	710.0, 23790	10.14	0.840	42.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-01-22 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

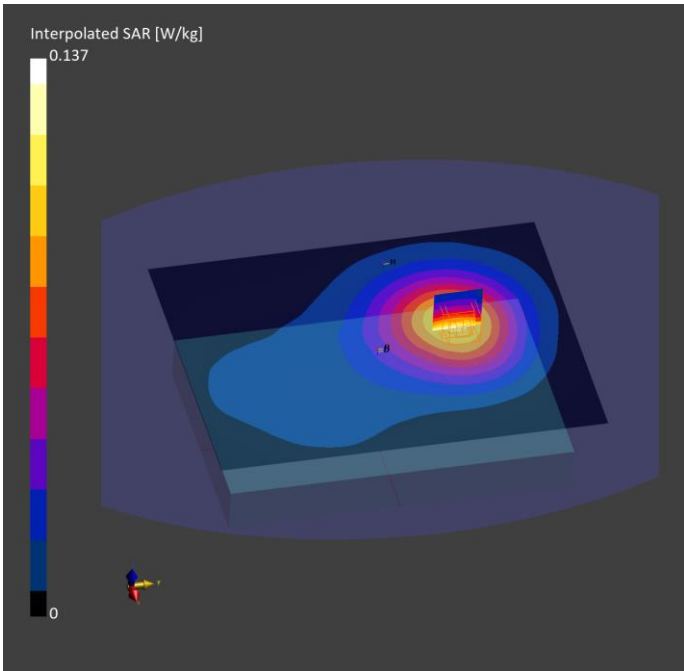
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-22, 17:13	2025-01-22, 17:19
psSAR1g [W/kg]	0.099	0.104
psSAR10g [W/kg]	0.070	0.078
Power Drift [dB]	0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.9
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº12

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 25	LTE-FDD, 10297-AAE	1860.0, 26140	8.52	1.33	36.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 1800MHz - 2024-01-19 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

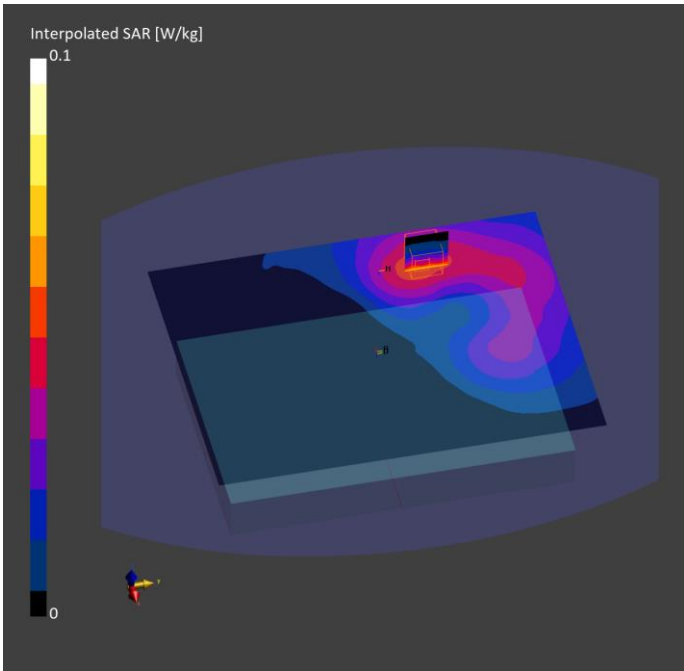
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-19, 17:07	2025-01-19, 17:13
psSAR1g [W/kg]	0.047	0.048
psSAR10g [W/kg]	0.030	0.032
Power Drift [dB]	-0.21	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.3
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°13

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 38	LTE-TDD, 10494-AAG	2595.0, 38000	7.82	1.94	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025-03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

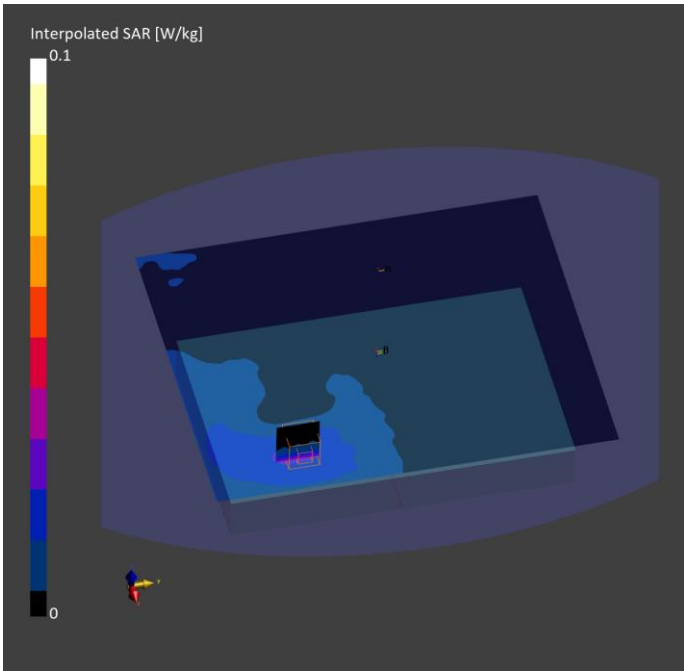
	Area Scan	Zoom Scan
Grid Extents [mm]	240.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-11, 09:05	2025-03-11, 09:13
psSAR1g [W/kg]	0.022	0.021
psSAR10g [W/kg]	0.013	0.013
Power Drift [dB]	-0.08	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		84.2
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°14

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 41	LTE-TDD, 10435-AAG	2680.0, 41490	7.74	1.91	38.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025-03-19 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

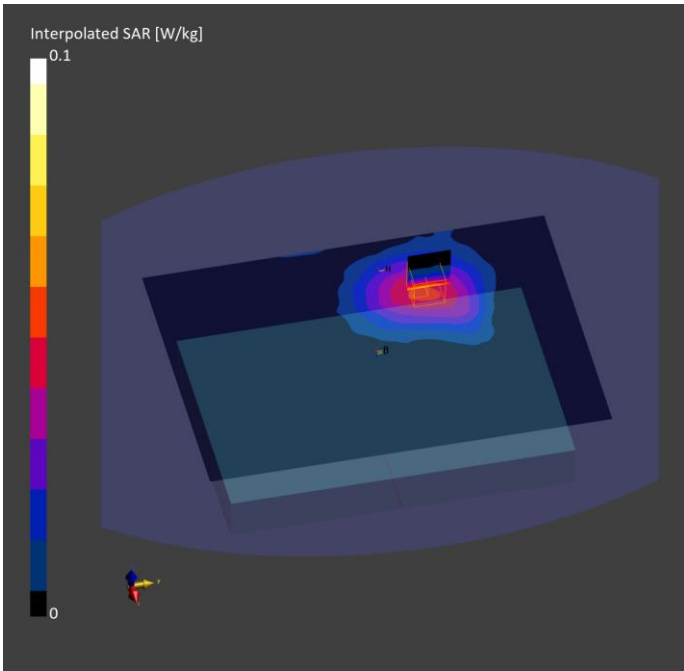
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-19, 20:43	2025-03-19, 20:50
psSAR1g [W/kg]	0.044	0.044
psSAR10g [W/kg]	0.025	0.026
Power Drift [dB]	0.09	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº15

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 66	LTE-FDD, 10169-CAF	1745.0, 132322	8.52	1.26	36.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 1800MHz - 2024-01-19 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

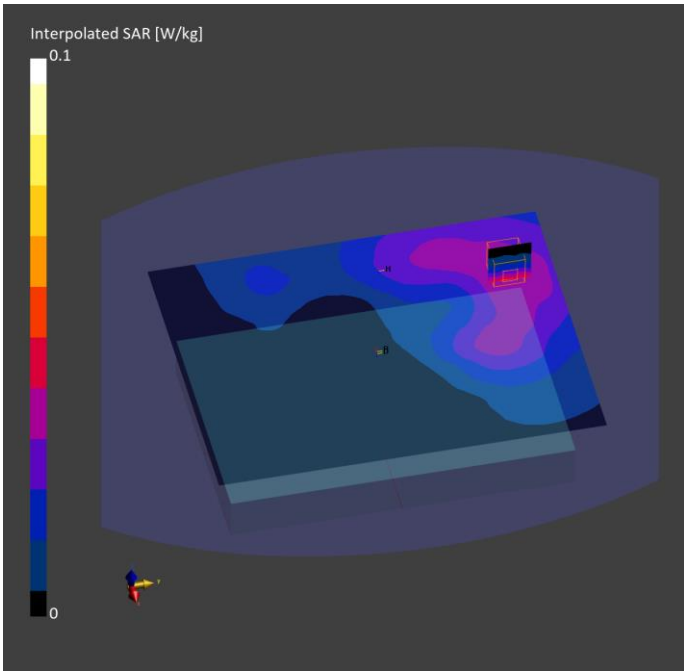
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-19, 16:37	2025-01-19, 16:43
psSAR1g [W/kg]	0.037	0.037
psSAR10g [W/kg]	0.024	0.025
Power Drift [dB]	-0.04	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.7
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº16

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 71	LTE-FDD, 10169-CAF	688.0, 133372	10.14	0.830	42.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-01-22 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

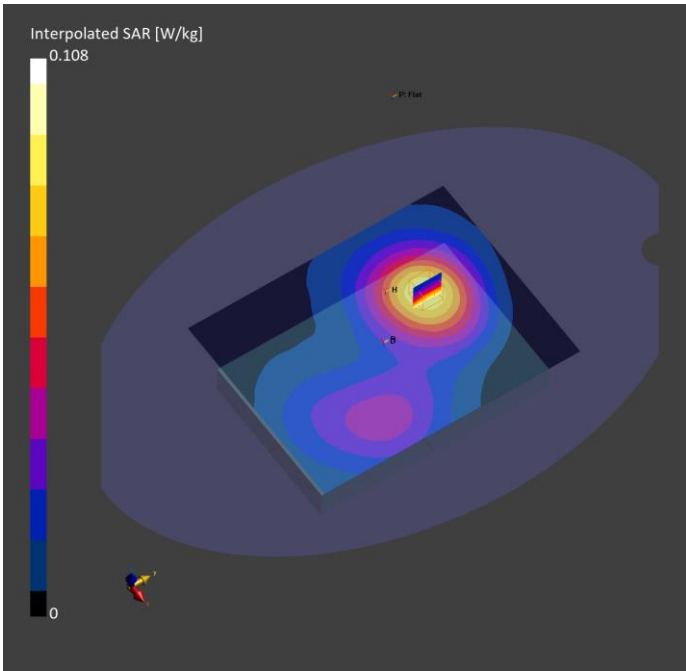
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-22, 19:26	2025-01-22, 19:32
psSAR1g [W/kg]	0.079	0.083
psSAR10g [W/kg]	0.056	0.062
Power Drift [dB]	0.07	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.3
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°17

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 5	LTE-FDD, 10175-CAH	844.0, 20600	9.15	0.910	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025- 03-12 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

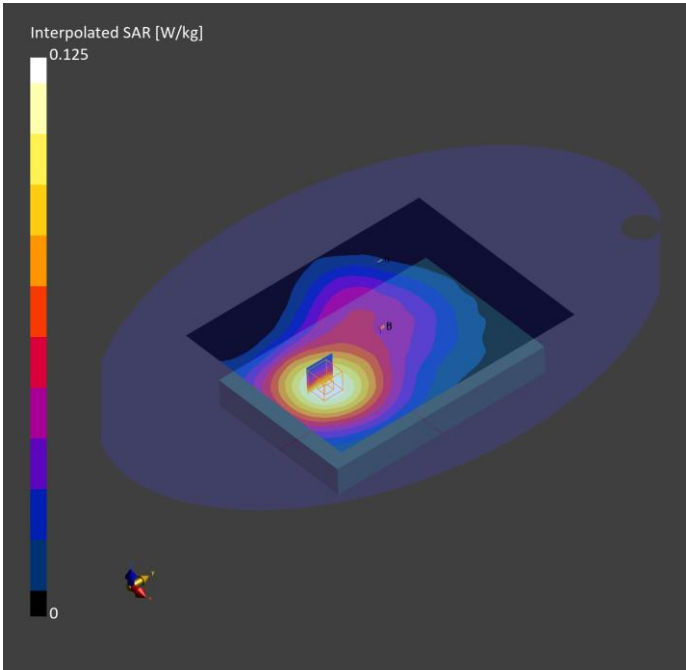
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-12, 16:06	2025-03-12, 16:12
psSAR1g [W/kg]	0.090	0.093
psSAR10g [W/kg]	0.063	0.071
Power Drift [dB]	-0.04	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		90.9
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°18

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 7	LTE-FDD, 10169-CAF	2510.0, 20850	7.82	1.86	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025- 03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

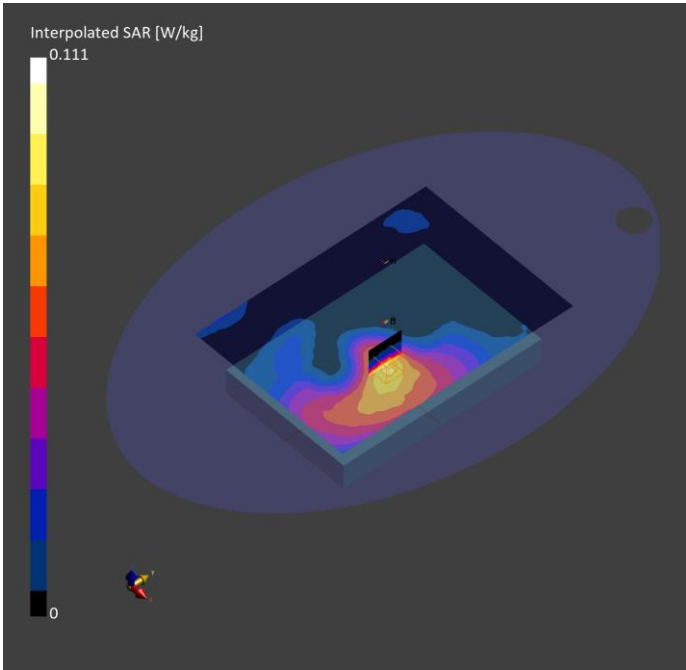
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-10, 14:15	2025-03-10, 14:27
psSAR1g [W/kg]	0.064	0.063
psSAR10g [W/kg]	0.037	0.038
Power Drift [dB]	-0.32	-0.30
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.1
Dist 3dB Peak [mm]		24.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°19

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 12	LTE-FDD, 10177-CAJ	708.7, 23107	10.14	0.860	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025- 03-06 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

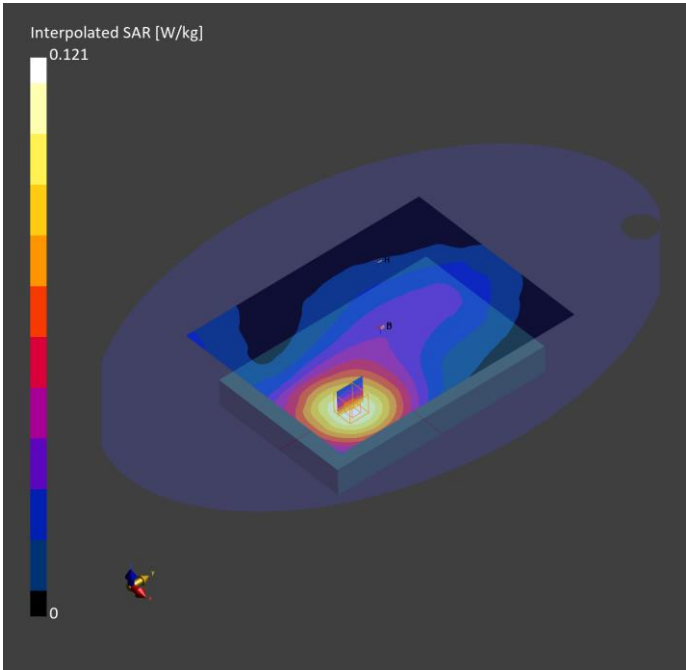
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-07, 15:04	2025-03-07, 15:10
psSAR1g [W/kg]	0.086	0.091
psSAR10g [W/kg]	0.061	0.068
Power Drift [dB]	-0.01	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.0
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº20

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 41	LTE-TDD, 10435-AAG	2590.5, 40595	7.82	1.93	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025- 03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

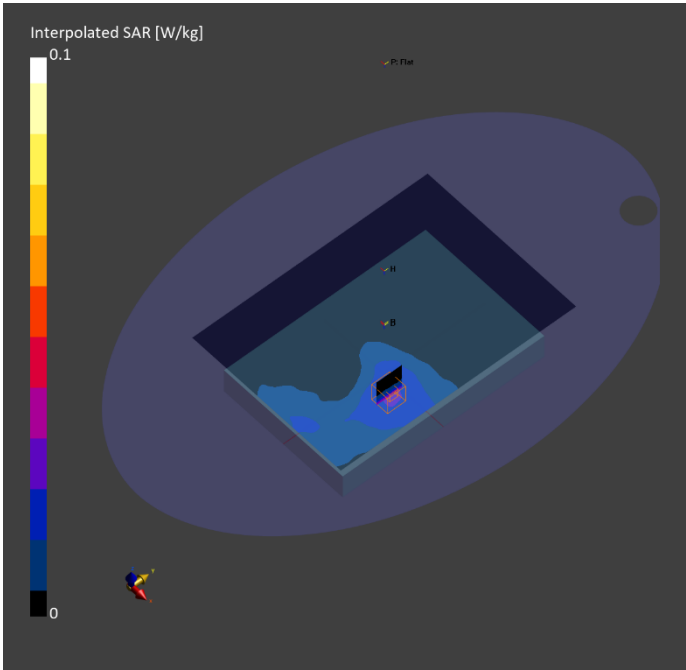
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-10, 14:49	2025-03-10, 14:56
psSAR1g [W/kg]	0.022	0.022
psSAR10g [W/kg]	0.013	0.013
Power Drift [dB]	0.56	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°21

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 66	LTE-FDD, 10175-CAH	1750.1, 132373	8.35	1.28	38.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 1800MHz - 2025- 03-19 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

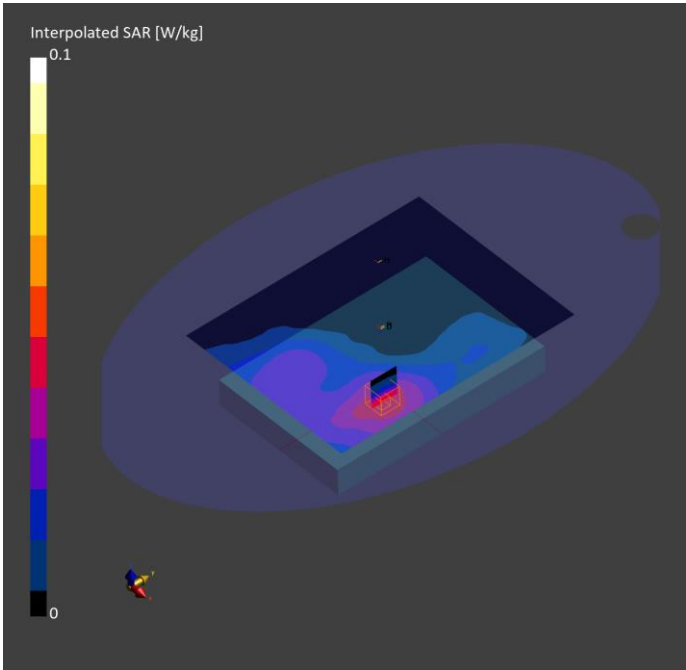
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-19, 13:21	2025-03-19, 13:27
psSAR1g [W/kg]	0.044	0.047
psSAR10g [W/kg]	0.028	0.031
Power Drift [dB]	0.07	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.4
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°22

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band 66	LTE-FDD, 10169-CAF	1745.1, 132323	8.35	1.28	38.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 1800MHz - 2025- 03-19 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

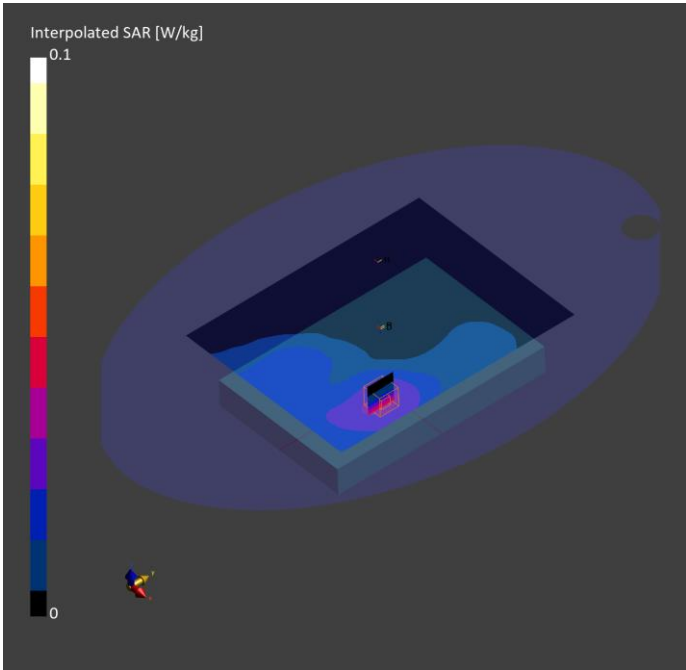
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-19, 13:41	2025-03-19, 13:52
psSAR1g [W/kg]	0.032	0.036
psSAR10g [W/kg]	0.021	0.024
Power Drift [dB]	-0.27	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.7
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº23

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Custom Band	CW, 10942-AAC	1880.0, 1880000	8.52	1.42	38.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1550-1950V3-2025-03-03 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

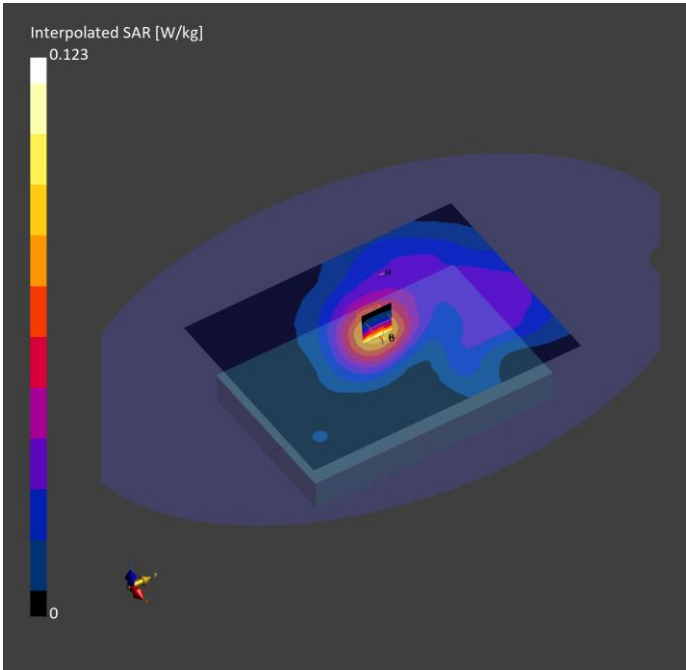
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-04, 15:14	2025-03-04, 15:20
psSAR1g [W/kg]	0.077	0.077
psSAR10g [W/kg]	0.048	0.049
Power Drift [dB]	-0.00	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		87.4
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº24

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n5	5G NR FR1 FDD, 10939-AAC	836.5, 167300	9.15	0.910	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025- 03-12 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

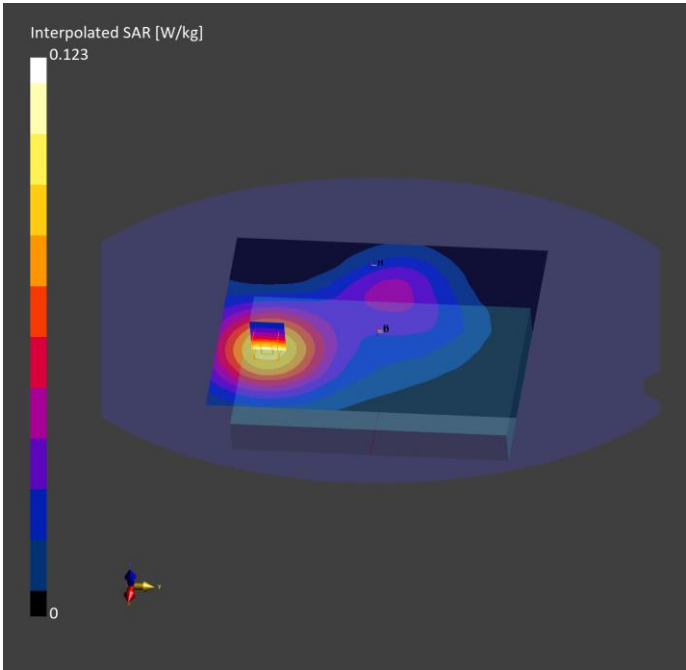
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-12, 17:32	2025-03-12, 17:38
psSAR1g [W/kg]	0.089	0.090
psSAR10g [W/kg]	0.062	0.068
Power Drift [dB]	-0.03	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		90.7
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº25

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n7	5G NR FR1 FDD, 10931-AAC	2535.0, 507000	7.82	1.88	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025-03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

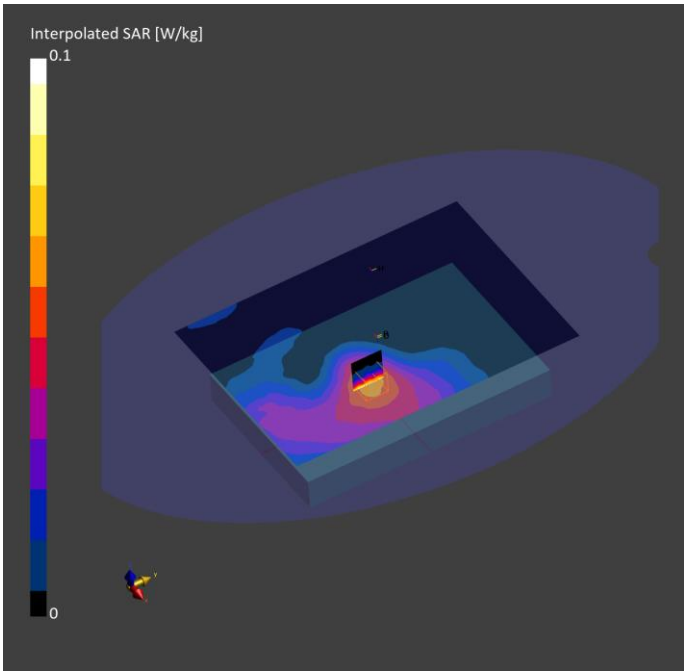
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-10, 12:55	2025-03-10, 13:03
psSAR1g [W/kg]	0.053	0.054
psSAR10g [W/kg]	0.031	0.032
Power Drift [dB]	0.09	-0.26
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.4
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº26

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n12	5G NR FR1 FDD, 10938-AAC	707.5, 141500	10.14	0.860	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-03-06 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

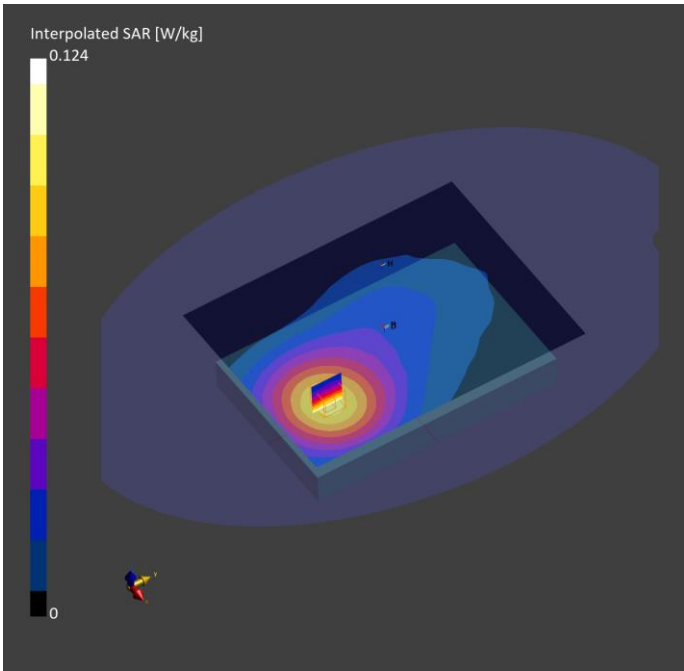
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-06, 13:20	2025-03-06, 13:26
psSAR1g [W/kg]	0.090	0.093
psSAR10g [W/kg]	0.064	0.071
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.3
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°27

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Custom Band	CW, 10937-AAC	782.0, 782000	10.14	0.890	42.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025- 03-06 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

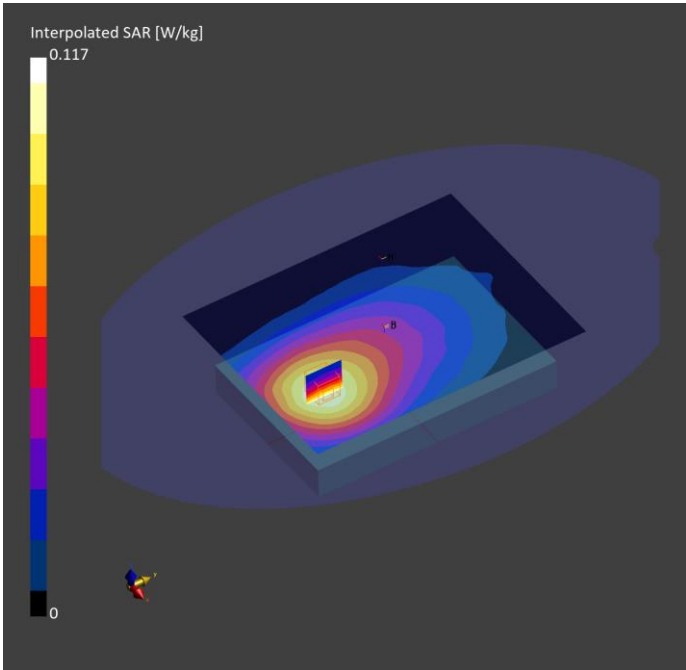
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-06, 14:42	2025-03-06, 14:50
psSAR1g [W/kg]	0.082	0.084
psSAR10g [W/kg]	0.058	0.064
Power Drift [dB]	-0.08	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		87.6
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº28

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n14	5G NR FR1 FDD, 10937-AAC	793.0, 158600	10.14	0.896	42.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025- 03-06 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

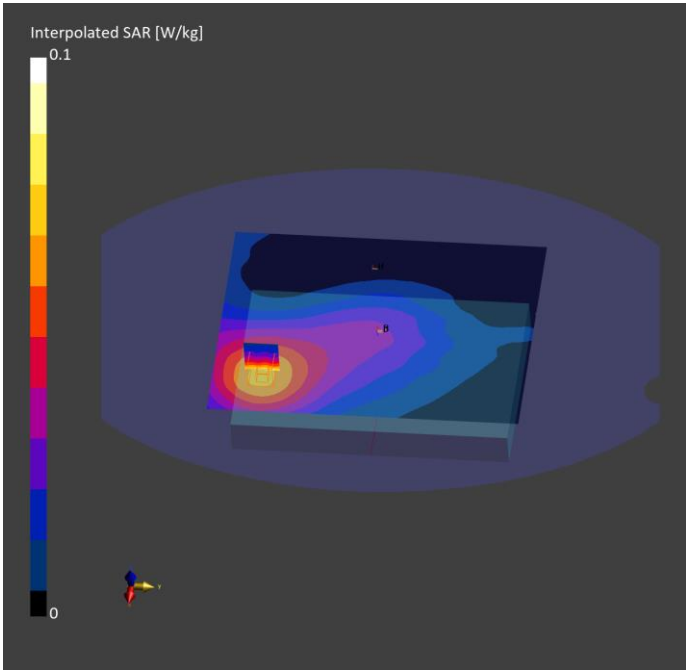
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-07, 12:23	2025-03-07, 12:29
psSAR1g [W/kg]	0.062	0.064
psSAR10g [W/kg]	0.044	0.048
Power Drift [dB]	0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.8
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot N°29

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n25	5G NR FR1 FDD, 10942-AAC	1882.5, 376500	8.52	1.45	38.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1550-1950V3-2025-03-05 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

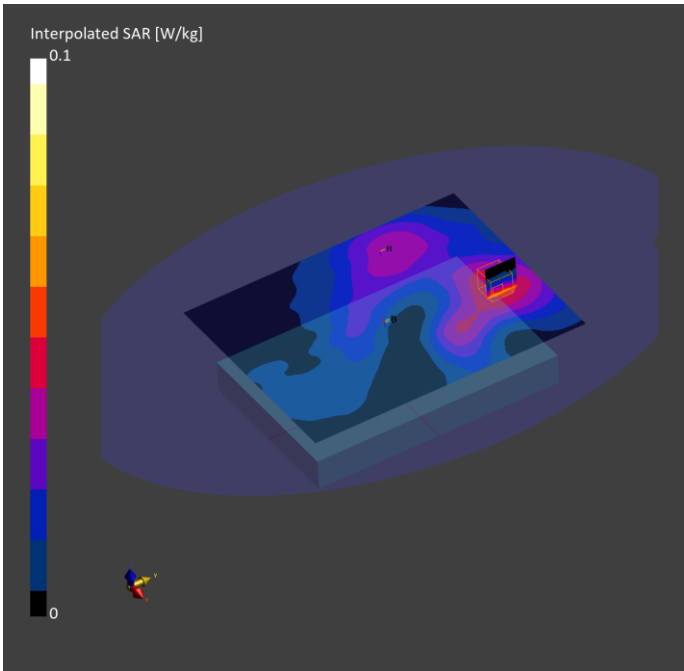
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-05, 12:01	2025-03-05, 12:07
psSAR1g [W/kg]	0.045	0.044
psSAR10g [W/kg]	0.029	0.028
Power Drift [dB]	-0.08	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		87.7
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº30

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n26	5G NR FR1 FDD, 10931-AAC	831.5, 166300	9.15	0.910	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025-03-12 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

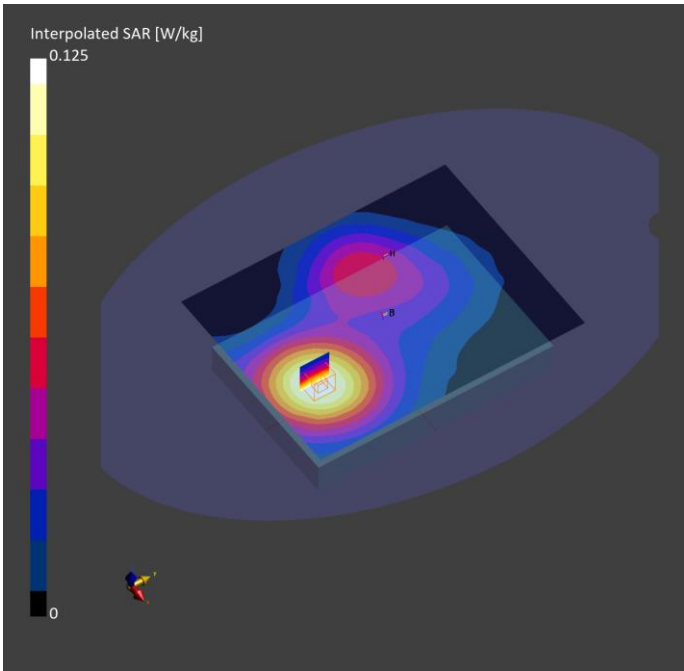
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-12, 18:59	2025-03-12, 19:05
psSAR1g [W/kg]	0.092	0.094
psSAR10g [W/kg]	0.065	0.071
Power Drift [dB]	-0.02	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		91.2
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº31

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n38	5G NR FR1 TDD, 10903-AAB	2595.0, 519000	7.82	1.94	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025-03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

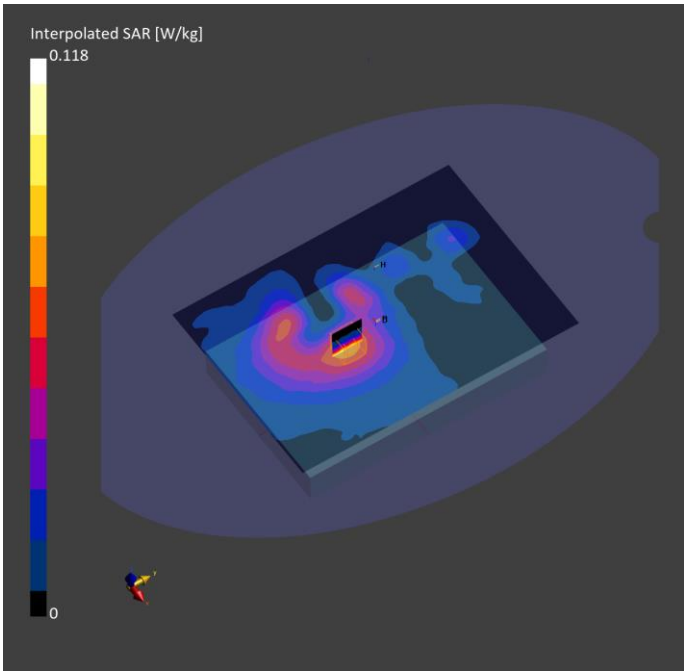
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-11, 19:08	2025-03-11, 19:15
psSAR1g [W/kg]	0.064	0.065
psSAR10g [W/kg]	0.036	0.038
Power Drift [dB]	0.19	-0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.4
Dist 3dB Peak [mm]		23.5

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº32

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n41	5G NR FR1 TDD, 10917-AAB	2593.0, 518598	7.82	1.93	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025- 03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

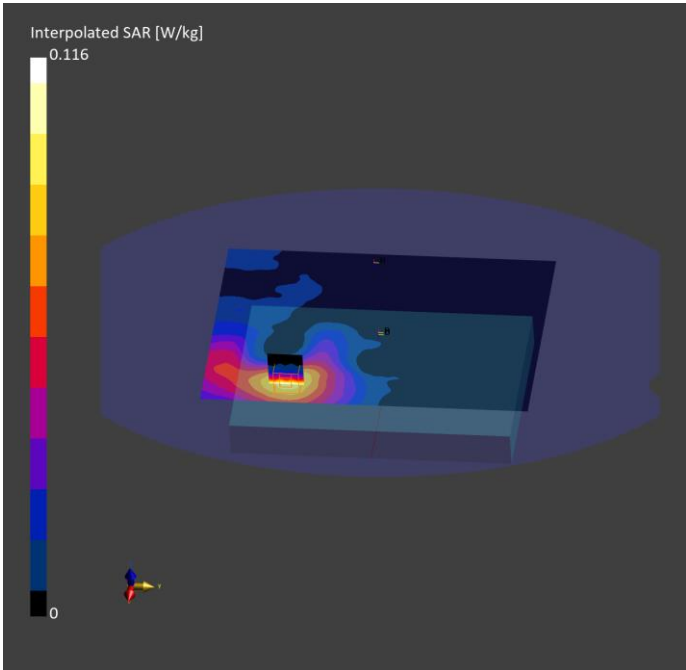
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-11, 17:05	2025-03-11, 17:12
psSAR1g [W/kg]	0.067	0.066
psSAR10g [W/kg]	0.039	0.040
Power Drift [dB]	-0.02	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		84.1
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº33

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n66	5G NR FR1 FDD, 10942-AAC	1745.0, 349000	8.52	1.34	38.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1550-1950V3-2025-03-05 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

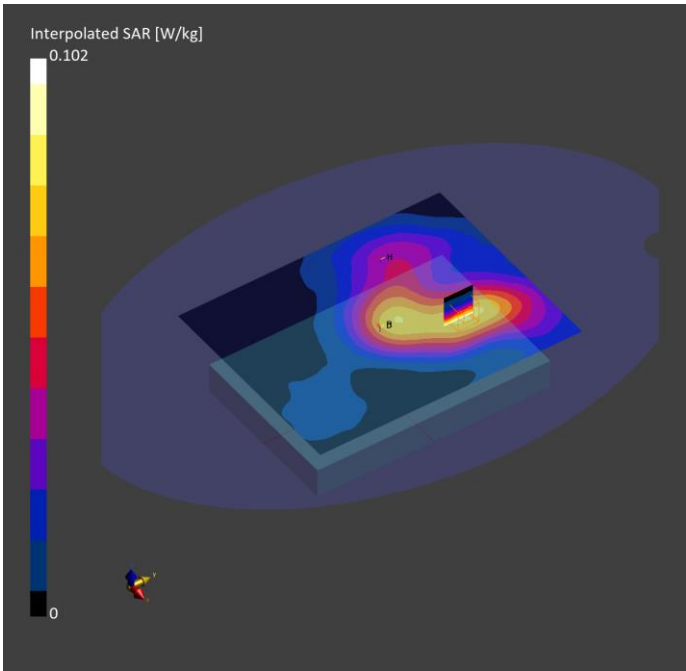
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-05, 13:29	2025-03-05, 13:35
psSAR1g [W/kg]	0.068	0.065
psSAR10g [W/kg]	0.044	0.042
Power Drift [dB]	0.10	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.1
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº34

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n71	5G NR FR1 FDD, 10939-AAC	680.5, 136100	10.14	0.850	42.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025- 03-06 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

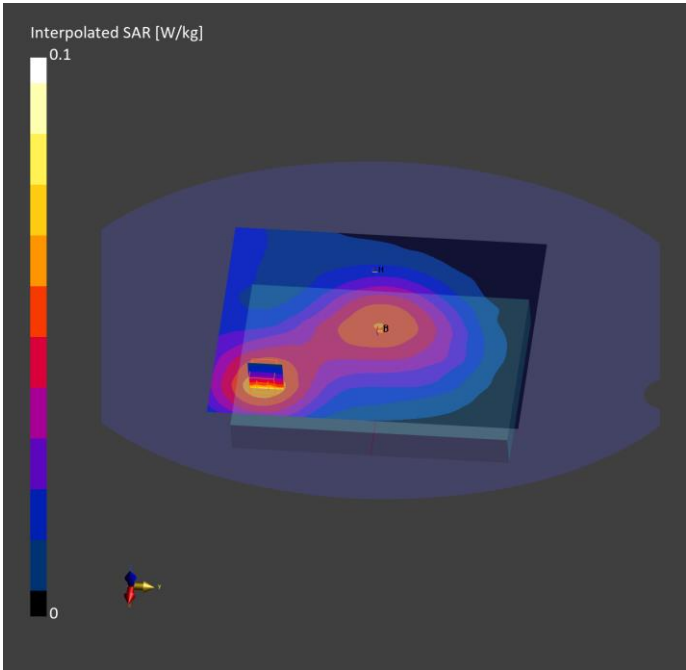
	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-07, 14:45	2025-03-07, 14:51
psSAR1g [W/kg]	0.060	0.061
psSAR10g [W/kg]	0.042	0.045
Power Drift [dB]	-0.05	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.2
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº35

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n77	5G NR FR1 TDD, 10866-AAD	3750.0, 650000	6.98	2.96	35.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL3500-5800V5 - 3300 3700 3900 4200MHz - 2025-03-18 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

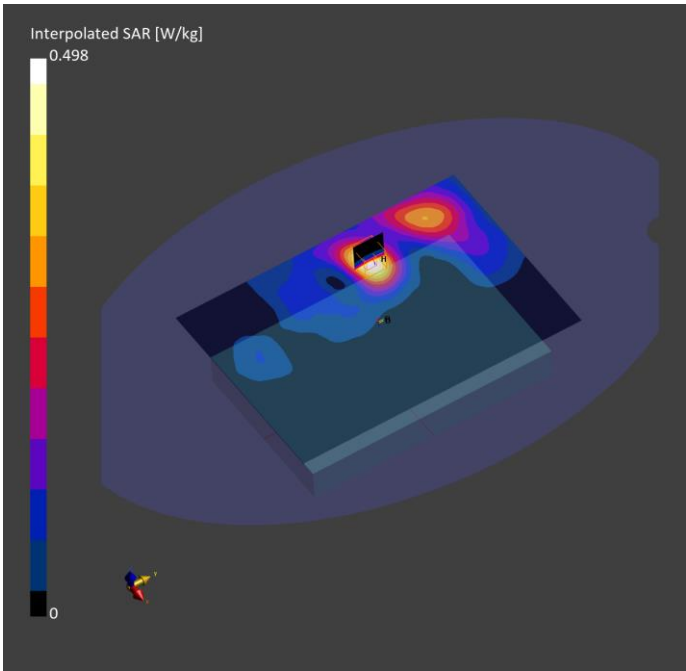
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-18, 13:48	2025-03-18, 13:56
psSAR1g [W/kg]	0.197	0.202
psSAR10g [W/kg]	0.097	0.095
Power Drift [dB]	0.17	-0.19
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		19.5

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Plot Nº36

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	240.0 x 160.0 x 30.0		TCU

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, HSL	BACK, 40.00	Band n78	5G NR FR1 TDD, 10866-AAD	3750.0, 650000	6.98	3.18	36.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1900-3800V3 - 3300 3500 3700 3900 4200MHz - 2025-03-15 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

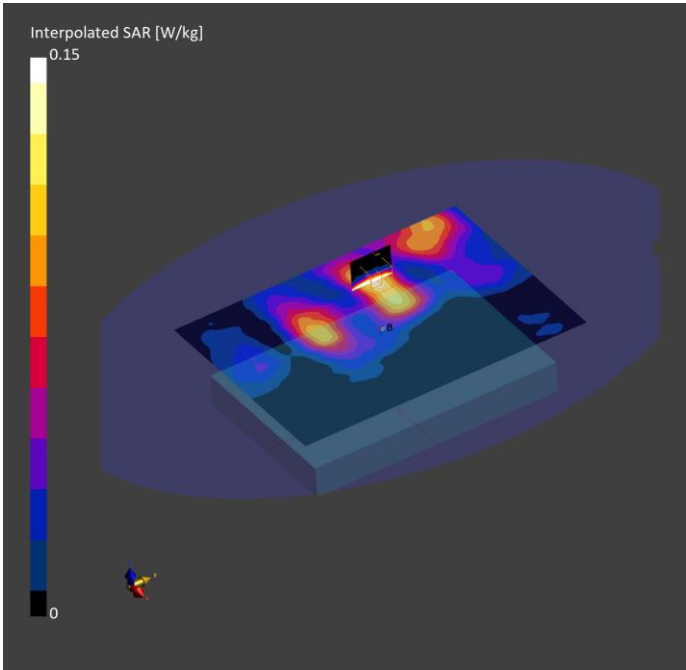
	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 280.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-16, 10:09	2025-03-16, 10:21
psSAR1g [W/kg]	0.103	0.108
psSAR10g [W/kg]	0.051	0.050
Power Drift [dB]	0.09	0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		69.5
Dist 3dB Peak [mm]		18.4

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Appendix D: System validation report

Validation results in 2600 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	2600.0, 0	7.82	1.84	36.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 2600MHz - 2025- 01-18 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

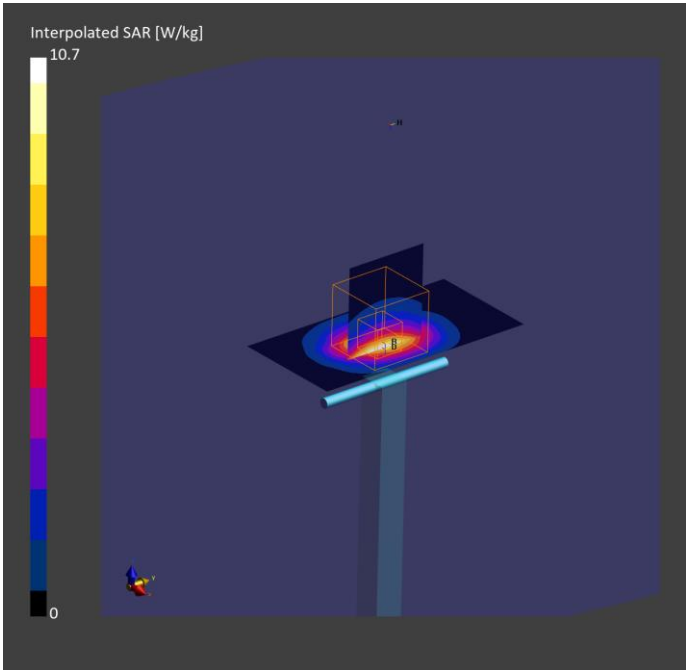
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-18, 09:29	2025-01-18, 09:36
psSAR1g [W/kg]	5.28	5.13
psSAR10g [W/kg]	2.36	2.27
Power Drift [dB]	-0.11	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		80.2
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 1800 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	1800.0, 0	8.52	1.29	36.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 1800MHz - 2024- 01-19 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

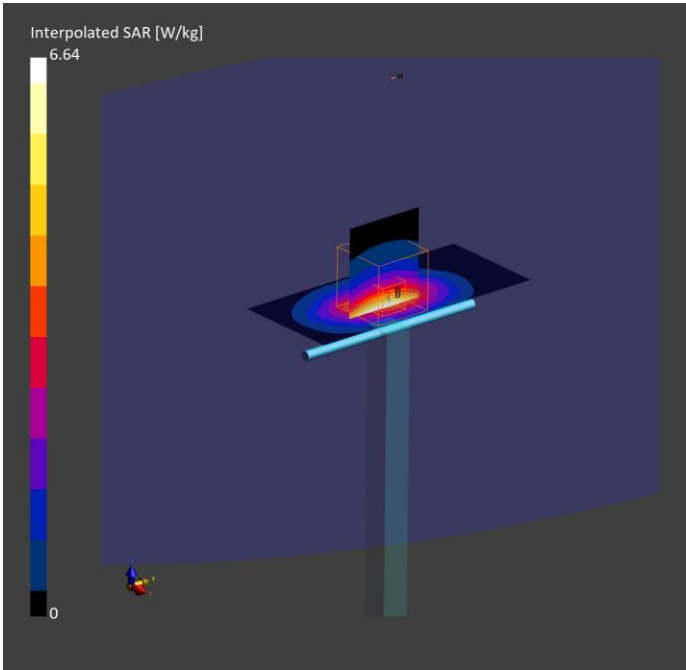
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-19, 13:45	2025-01-19, 13:53
psSAR1g [W/kg]	3.97	3.85
psSAR10g [W/kg]	2.13	2.05
Power Drift [dB]	-0.28	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		84.2
Dist 3dB Peak [mm]		10.8

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 900 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	900.0, 0	9.15	0.930	42.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025- 01-21 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

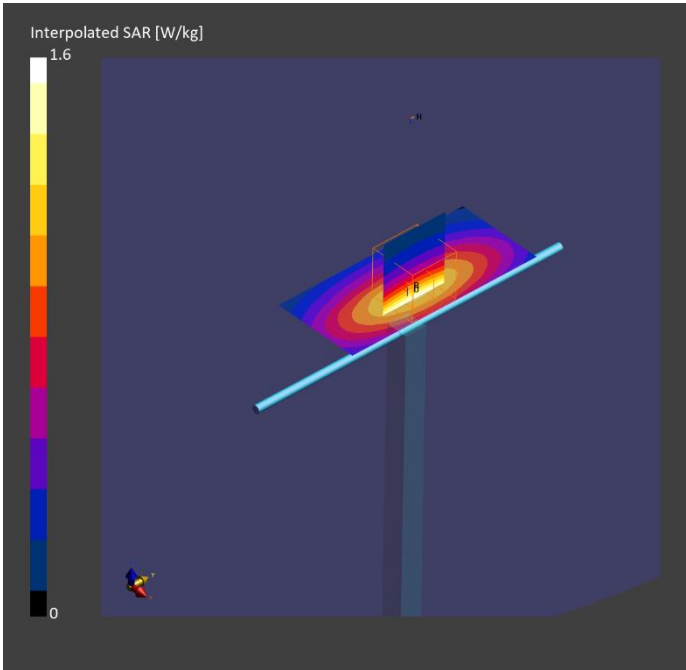
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-21, 17:30	2025-01-21, 17:35
psSAR1g [W/kg]	1.13	1.12
psSAR10g [W/kg]	0.735	0.735
Power Drift [dB]	0.01	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.8
Dist 3dB Peak [mm]		17.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 750 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	750.0, 0	10.14	0.860	42.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-01-22 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

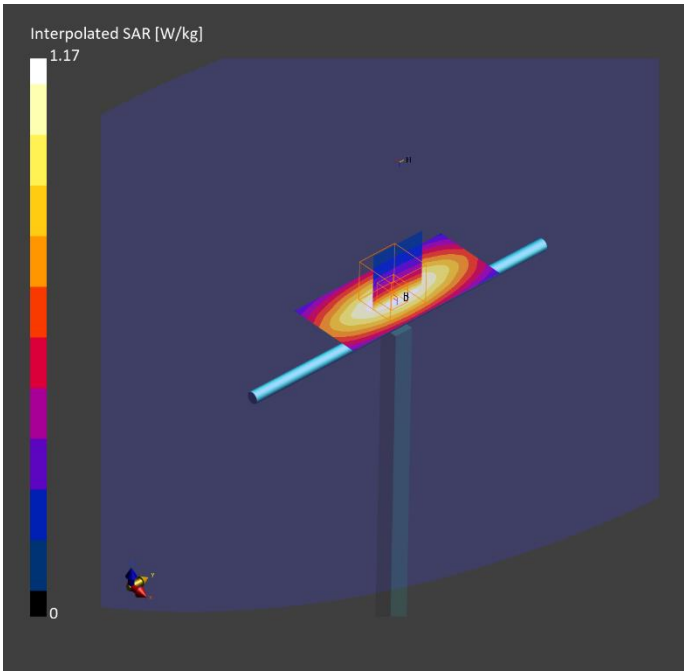
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-22, 15:22	2025-01-22, 15:27
psSAR1g [W/kg]	0.827	0.814
psSAR10g [W/kg]	0.549	0.545
Power Drift [dB]	-0.02	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.1
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 1800 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	1800.0, 0	8.52	1.34	39.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1550-1950V3-2025-03-03 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

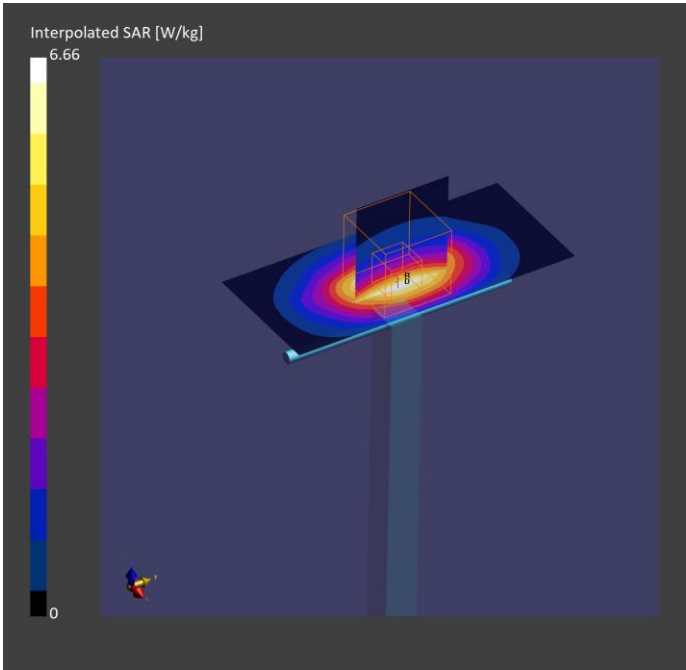
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-03, 08:46	2025-03-03, 08:51
psSAR1g [W/kg]	3.78	3.71
psSAR10g [W/kg]	2.02	1.92
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		10.3

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 1800 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	1800.0, 0	8.52	1.38	38.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1550-1950V3-2025-03-05 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

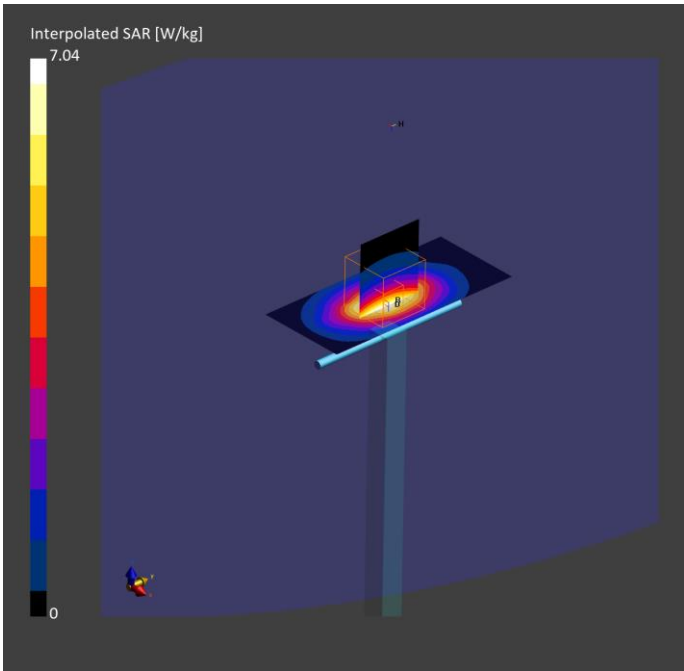
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-05, 09:26	2025-03-05, 09:31
psSAR1g [W/kg]	3.89	3.83
psSAR10g [W/kg]	2.08	2.01
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.1
Dist 3dB Peak [mm]		10.8

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 750 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	750.0, 0	10.14	0.880	42.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 750MHz - 2025-03-06 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

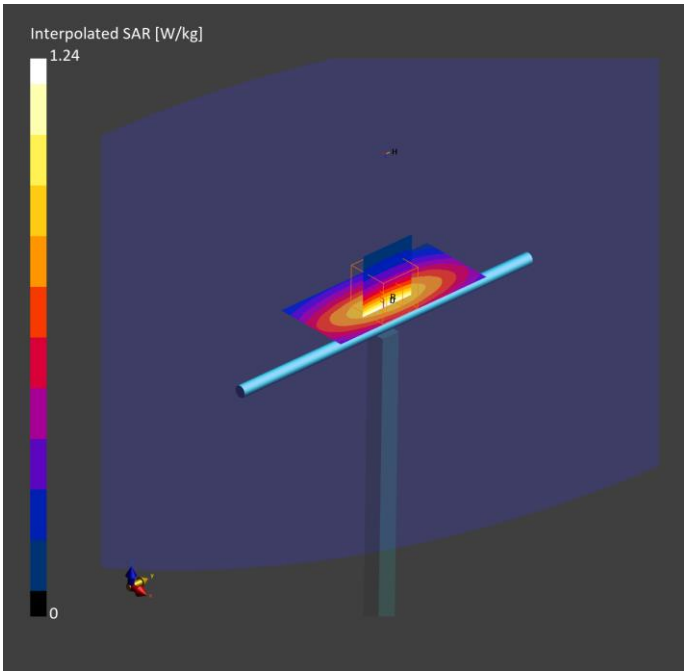
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-06, 12:09	2025-03-06, 12:14
psSAR1g [W/kg]	0.849	0.849
psSAR10g [W/kg]	0.571	0.568
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.4
Dist 3dB Peak [mm]		21.3

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 2600 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	2600.0, 0	7.82	1.94	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025-03-10 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

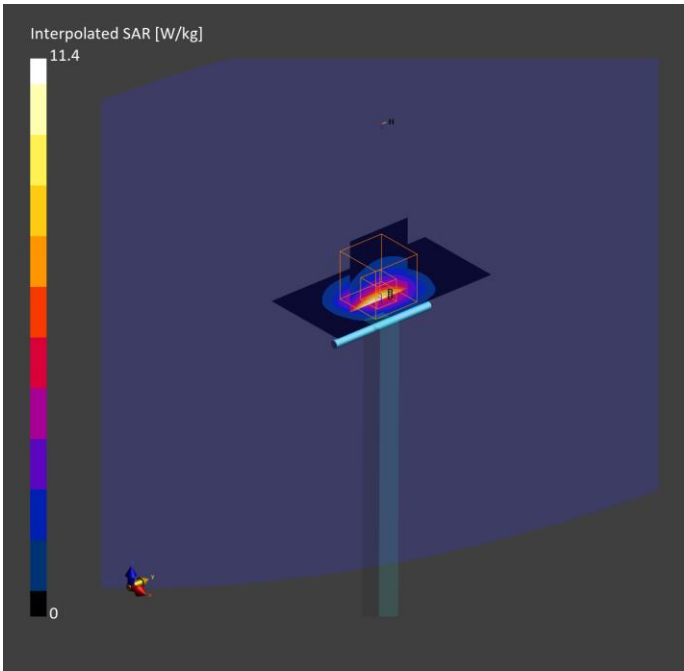
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-10, 08:33	2025-03-10, 08:40
psSAR1g [W/kg]	5.59	5.66
psSAR10g [W/kg]	2.56	2.60
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 900 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	900.0, 0	9.15	0.940	42.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 900MHz - 2025-03-12 , --	EX3DV4 - SN7766, 2024-11-01	DAE4 Sn1690, 2024-10-09

Scan Setup

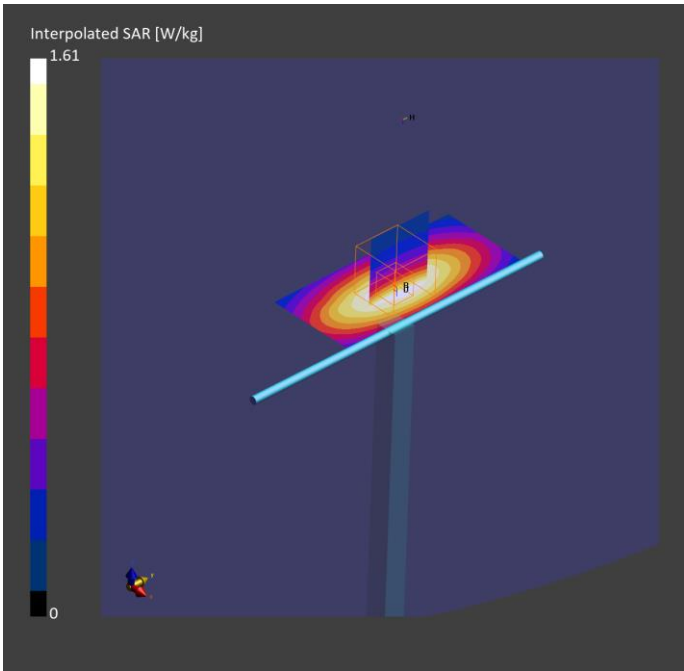
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-12, 12:25	2025-03-12, 12:30
psSAR1g [W/kg]	1.08	1.10
psSAR10g [W/kg]	0.706	0.711
Power Drift [dB]	0.00	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		88.6
Dist 3dB Peak [mm]		18.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 3300 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	3300.0, 0	6.96	2.66	37.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1900-3800V3 - 3300 3500 3700 3900 4200MHz - 2025-03-15 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

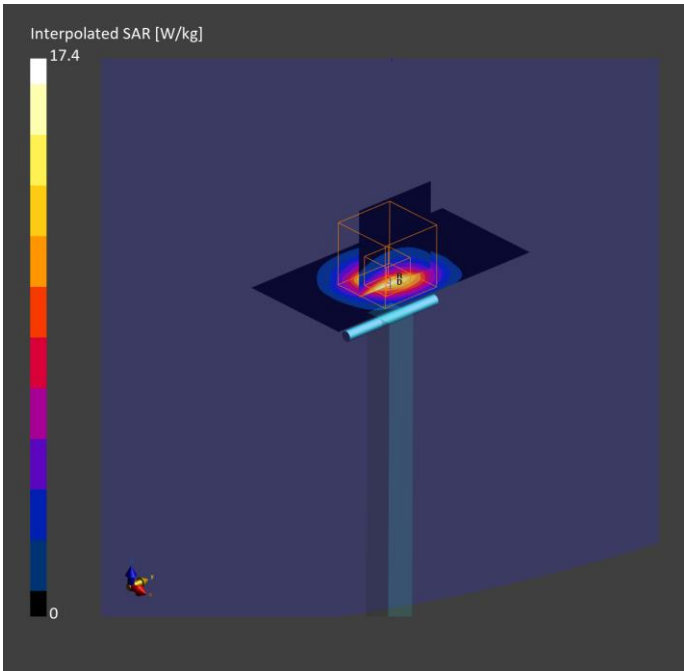
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-15, 13:09	2025-03-15, 13:16
psSAR1g [W/kg]	6.83	6.64
psSAR10g [W/kg]	2.78	2.52
Power Drift [dB]	-0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		74.9
Dist 3dB Peak [mm]		9.1

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 3500 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	3500.0, 0	6.8	2.90	37.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1900-3800V3 - 3300 3500 3700 3900 4200MHz - 2025-03-15 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

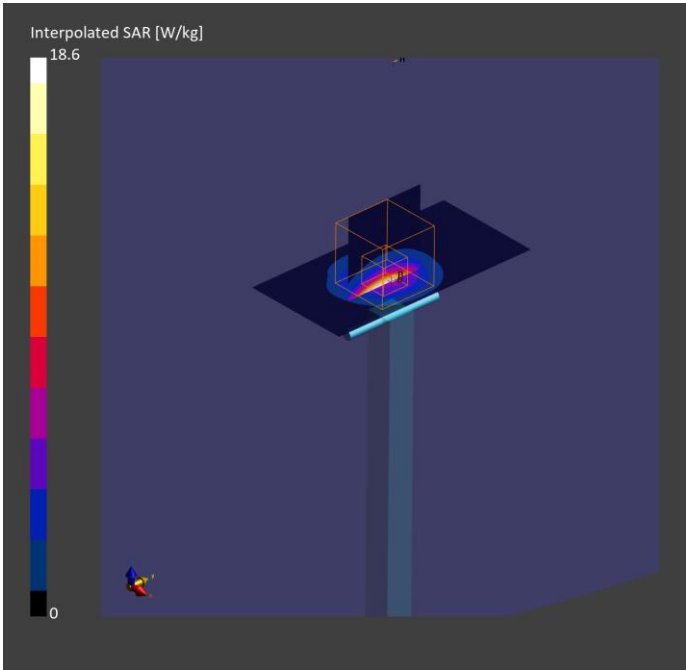
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-15, 14:09	2025-03-15, 14:15
psSAR1g [W/kg]	6.69	6.70
psSAR10g [W/kg]	2.64	2.48
Power Drift [dB]	0.03	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		74.4
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 3700 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	3700.0, 0	6.98	3.12	36.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1900-3800V3 - 3300 3500 3700 3900 4200MHz - 2025-03-15 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

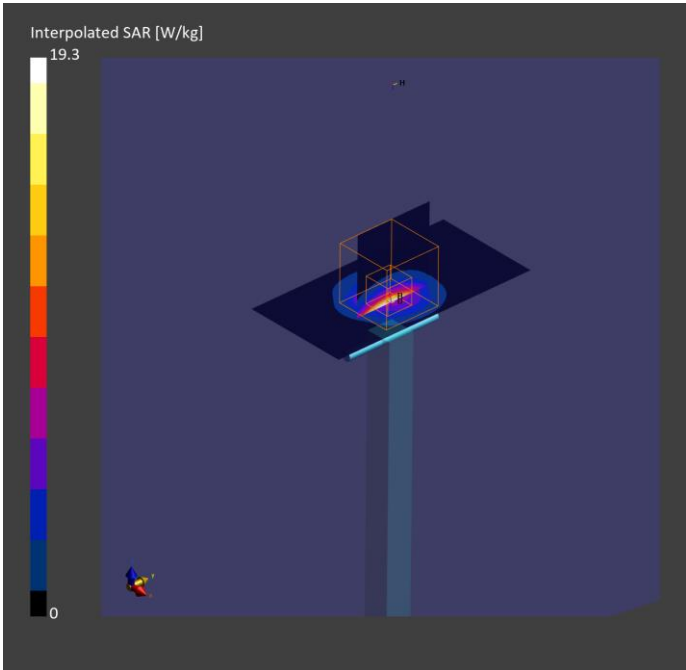
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-15, 14:28	2025-03-15, 14:35
psSAR1g [W/kg]	6.53	6.53
psSAR10g [W/kg]	2.49	2.34
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		72.3
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 4200 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	4200.0, 0	6.57	3.64	34.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL1900-3800V3 - 3300 3500 3700 3900 4200MHz - 2025-03-15 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

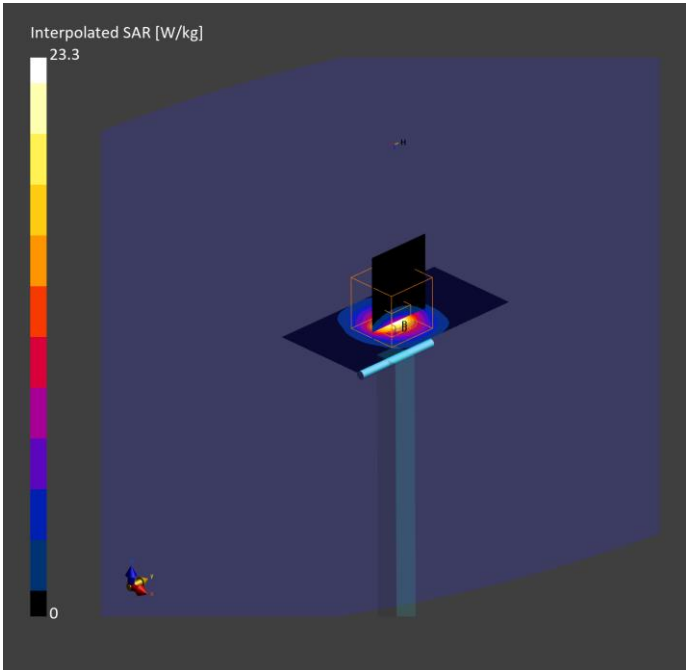
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	25.0 x 25.0 x 25.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-17, 09:09	2025-03-17, 09:18
psSAR1g [W/kg]	6.63	6.76
psSAR10g [W/kg]	2.30	2.25
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		66.8
Dist 3dB Peak [mm]		8.4

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 3700 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	3700.0, 0	6.98	2.92	35.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL3500-5800V5 - 3300 3700 3900 4200MHz - 2025-03-18 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

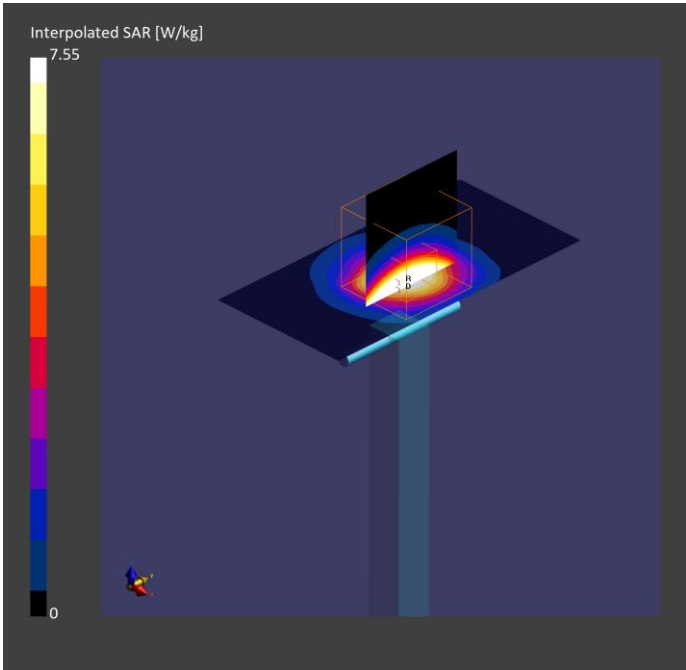
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-18, 12:06	2025-03-18, 12:12
psSAR1g [W/kg]	6.37	6.53
psSAR10g [W/kg]	2.43	2.39
Power Drift [dB]	-0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		73.7
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 3300 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	3300.0, 0	6.96	2.67	35.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL3500-5800V5 - 3300 3700 3900 4200MHz - 2025-03-18 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

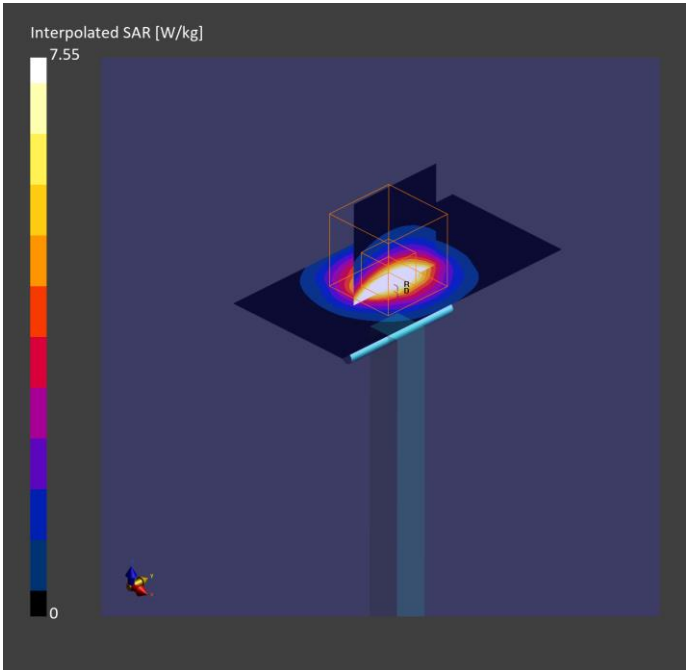
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-18, 11:45	2025-03-18, 11:51
psSAR1g [W/kg]	6.45	6.49
psSAR10g [W/kg]	2.54	2.50
Power Drift [dB]	0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		76.1
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 4200 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	4200.0, 0	6.57	3.33	34.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL3500-5800V5 - 3300 3700 3900 4200MHz - 2025-03-18 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

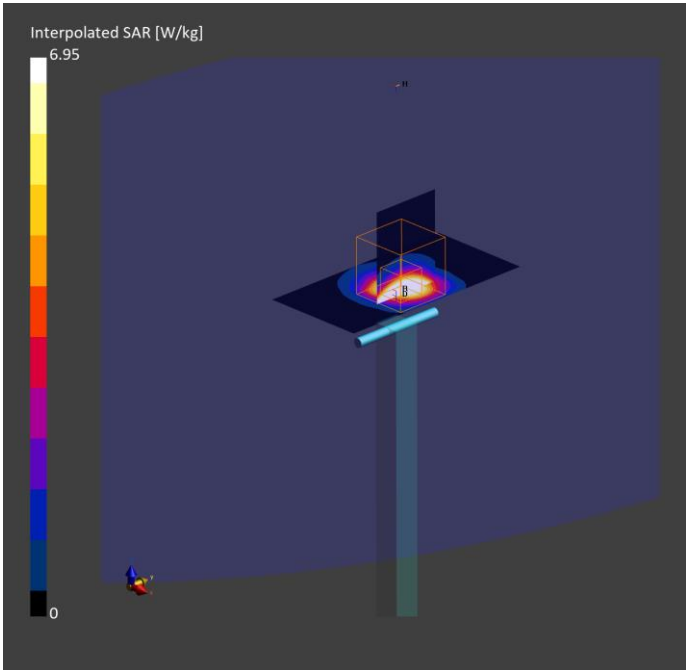
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	25.0 x 25.0 x 25.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-18, 12:25	2025-03-18, 12:34
psSAR1g [W/kg]	6.28	6.69
psSAR10g [W/kg]	2.25	2.27
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		70.6
Dist 3dB Peak [mm]		8.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 1800 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	1800.0, 0	8.35	1.30	38.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL600-10000V6 - 1800MHz - 2025- 03-19 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan Setup

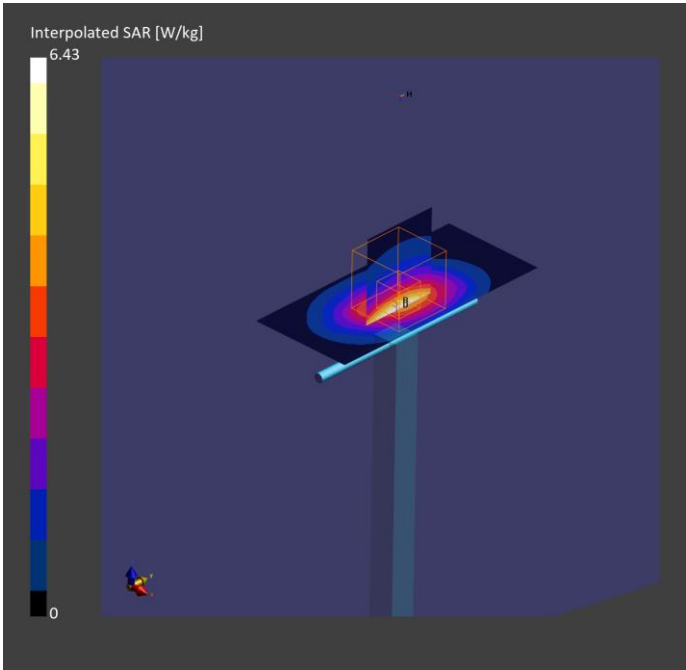
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-19, 11:02	2025-03-19, 11:07
psSAR1g [W/kg]	3.86	3.89
psSAR10g [W/kg]	2.07	2.09
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		85.3
Dist 3dB Peak [mm]		10.8

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Validation results in 2600 MHz Band for Head TSL

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TCAM3, HARMAN	n/a x n/a x n/a		Dipole

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, HSL	,		CW, 0--	2600.0, 0	7.74	1.85	38.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2158	HBBL 600-10000V6 - 2600MHz - 2025- 03-19 , --	EX3DV4 - SN7461, 2024-07-04	DAE4 Sn669, 2024-07-09

Scan 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
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	2025-03-19, 18:03	2025-03-19, 18:09
psSAR1g [W/kg]	5.77	5.90
psSAR10g [W/kg]	2.67	2.71
Power Drift [dB]	0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		82.4
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		

