

Appendix E

System Verification Check Scans

Part 2 of 4 (LMR_VHF)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 6/12/2025 10:38:14 AM

Robot#: DASY5-FL-03 | Run#: ZIQ-SYSP-150H-250612-08
Dipole Model# CLA-150
Phantom#: ELI4 1109
Tissue Temp: 21.8 (C)
Serial#: 4010
Test Freq: 150.0000(MHz)
Start Power: 1000 (mW)
Rotation (1D): 0.098 dB
Adjusted SAR (1W): 3.94 mW/g (1g)

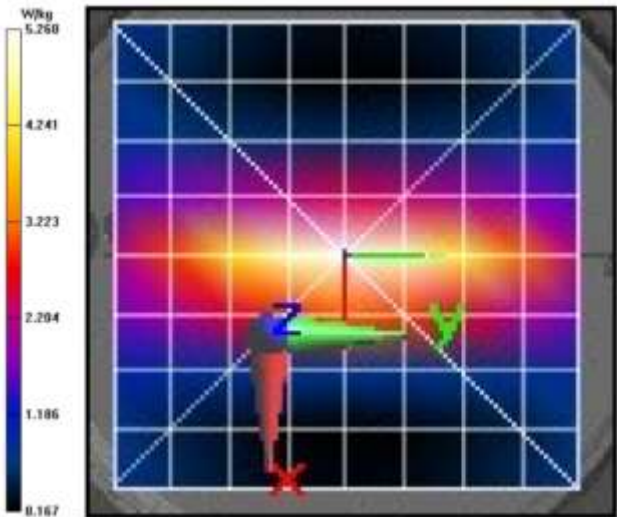
Comments:

Communication System Band: CLA150, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 150 MHz; $\sigma = 0.723 \text{ S/m}$; $\epsilon_r = 53.766$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7486, Calibrated: 1/19/2024, Frequency: 150 MHz, ConvF(13.4, 13.4, 13.4) @ 150 MHz
Electronics: DAE4 Sn1483, Calibrated: 10/10/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (81x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 87.45 V/m; Power Drift = -0.15 dB
Fast SAR: SAR(1 g) = 4.63 W/kg; SAR(10 g) = 3.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 5.35 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 87.45 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 6.52 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.55 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.8 mm
Ratio of SAR at M2 to SAR at M1 = 59%
Maximum value of SAR (measured) = 5.36 W/kg

Below 2 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17): Measurement
grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 5.35 W/kg



Part 2 of 4 (LMR_UHF)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 5/15/2025 7:56:19 PM

Robot#: DASY5-PG-03 | Run#: ZIQ-SYSP-450H-250515-06
 Dipole Model#: D450V3
 Phantom#: ELI4 1028
 Tissue Temp: 21.7 (C)
 Serial#: 1077
 Test Freq: 450.0000 (MHz)
 Start Power: 250 (mW)
 Rotation (1D): 0.057 dB
 Adjusted SAR (1W): 4.96 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
 Medium parameters used: $f = 450$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.724$; $\rho = 1000$ kg/m³
 Probe: EX3DV4 - SN7486, Calibrated: 1/19/2024, Frequency: 450 MHz, ConvF(11.18, 11.18, 11.18) @ 450 MHz
 Electronics: DAE4 Sn1483, Calibrated: 10/10/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x241x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 44.81 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.906 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 1.64 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 44.81 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.833 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

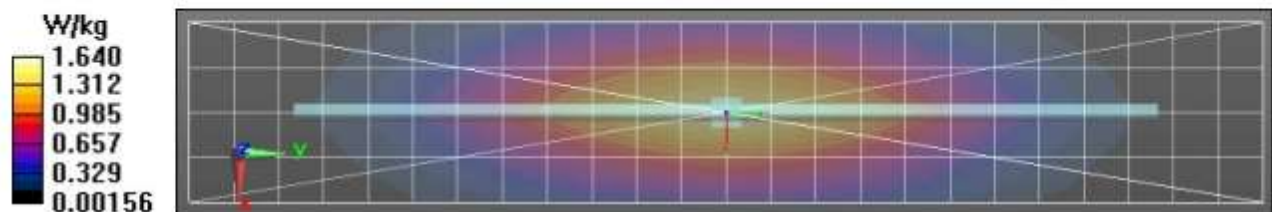
Ratio of SAR at M2 to SAR at M1 = 65.3%

Maximum value of SAR (measured) = 1.65 W/kg

Below 2 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 1.66 W/kg



Part 2 of 4 (LMR_UHF)

Motorola Solutions, Inc. EME Laboratory
Date/Time: 5/19/2025 8:07:52 PM

Robot#: DASY5-PG-03 | Run#: MFR(MHY)-SYSP-450H-250519-12
Dipole Model# D450V3
Phantom#: ELI4 1028
Tissue Temp: 21.5 (C)
Serial#: 1077
Test Freq: 450.0000 (MHz)
Start Power: 250 (mW)
Rotation (1D): 0.091 dB
Adjusted SAR (1W): 4.96 mW/g (1g)

Comments:

Communication System Band: Dipole 450, Communication System UID: 0, Duty Cycle: 1:1,
Medium parameters used: f = 450 MHz; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 43.155$; $\rho = 1000 \text{ kg/m}^3$
Probe: EX3DV4 - SN7486, Calibrated: 1/19/2024, Frequency: 450 MHz, ConvF(11.18, 11.18, 11.18) @ 450 MHz
Electronics: DAE4 Sn1483, Calibrated: 10/10/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x241x1):

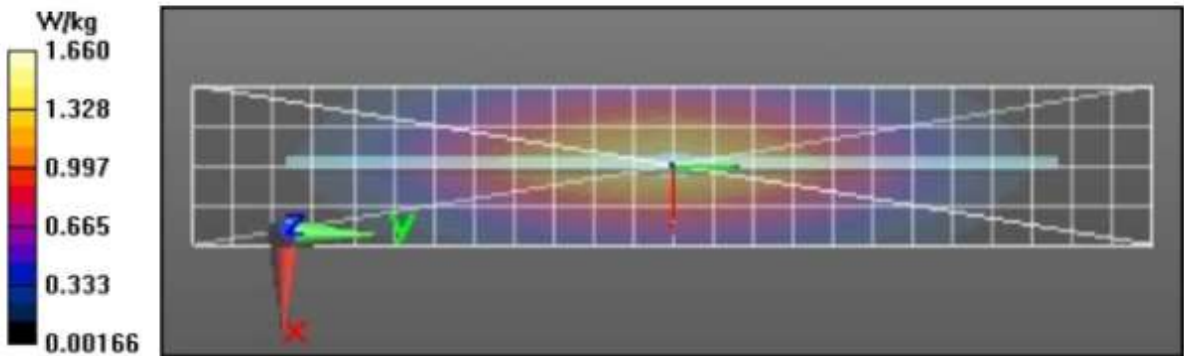
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 44.82 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.916 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.66 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 44.82 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.840 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.5%
Maximum value of SAR (measured) = 1.65 W/kg

Below 2 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.66 W/kg



Part 2 of 4 (LMR_750)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/8/2025 2:04:56 PM

Robot#: DASY5-PG-03 | Run#: MHN-SYSP-750H-250608-01

Dipole Model# D750V3

Phantom#: EL14 1028

Tissue Temp: 22.3 (C)

Serial#: 1142

Test Freq: 750.0000 (MHz)

Start Power: 31.6 (mW)

Rotation (1D): 0.084 dB

Adjusted SAR (1W): 8.64 mW/g (1g)

Comments:

Communication System Band: D750 (750.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 750$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 43.214$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 1/19/2024, Frequency: 750 MHz, ConvF(10.17, 10.17, 10.17) @ 750 MHz

Electronics: DAE4 Sn1483, Calibrated: 10/10/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 20.99 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.184 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.352 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.99 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.183 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

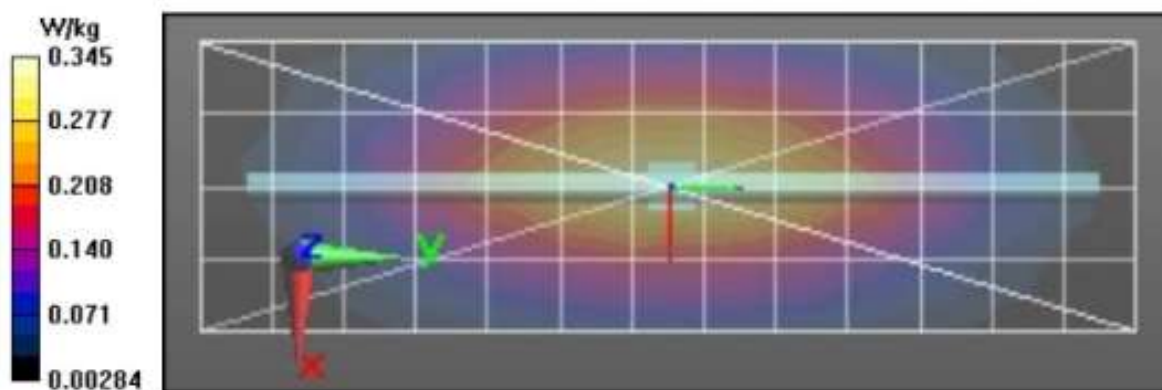
Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 0.351 W/kg

Below 2 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.355 W/kg



Part 2 of 4 (LMR_835)

Motorola Solutions, Inc. EME Laboratory

Date/Time: 6/11/2025 1:07:53 PM

Robot#: DASY5-PG-03 | Run#: MHN-SYSP-835H-250611-08
 Dipole Model#: D835V2
 Phantom#: ELI4 1028
 Tissue Temp: 21.8 (C)
 Serial#: 4d030
 Test Freq: 835.0000 (MHz)
 Start Power: 31.6 (mW)
 Rotation (1D): 0.083 dB
 Adjusted SAR (1W): 10.03 mW/g (1g)

Comments:

Communication System Band: D835 (835.0 MHz), Communication System UID: 0, Duty Cycle: 1:1,

Medium parameters used: $f = 835$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 40.445$; $\rho = 1000$ kg/m³

Probe: EX3DV4 - SN7486, Calibrated: 1/19/2024, Frequency: 835 MHz, ConvF(10.1, 10.1, 10.1) @ 835 MHz

Electronics: DAE4 Sn1483, Calibrated: 10/10/2022

Below 2 GHz-Rev.3/System Performance Check/Dipole Area Scan 2 (41x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 22.30 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.215 W/kg (SAR corrected for target medium)

Maximum value of SAR (interpolated) = 0.432 W/kg

Below 2 GHz-Rev.3/System Performance Check/0-Degree Cube (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.30 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.209 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 19.6 mm

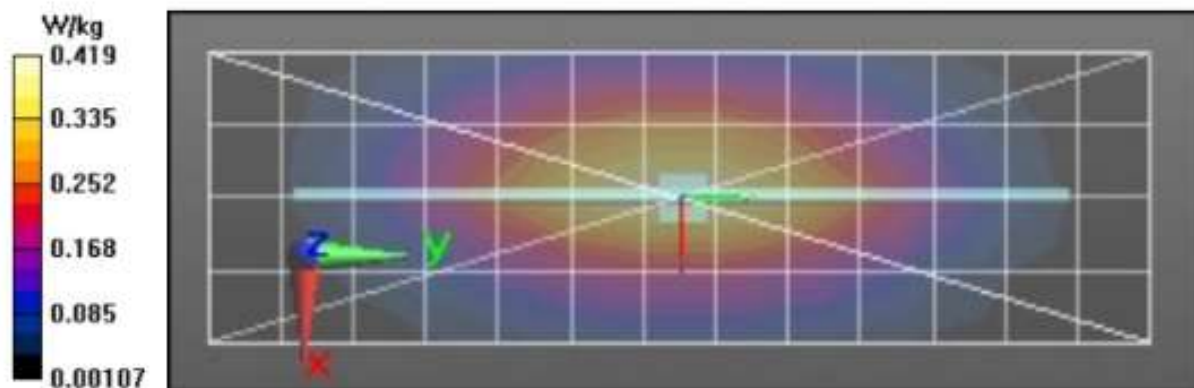
Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 0.434 W/kg

Below 2 GHz-Rev.3/System Performance Check/Z-Axis Retraction (1x1x17): Measurement

grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.436 W/kg



Part 3 of 4 (WLAN 2.4G/WLAN5GHz/WLAN 6E SAR & Power Density)

Motorola Solutions, EME Laboratory

2025-05-31, 00:41

System Performance Check Report

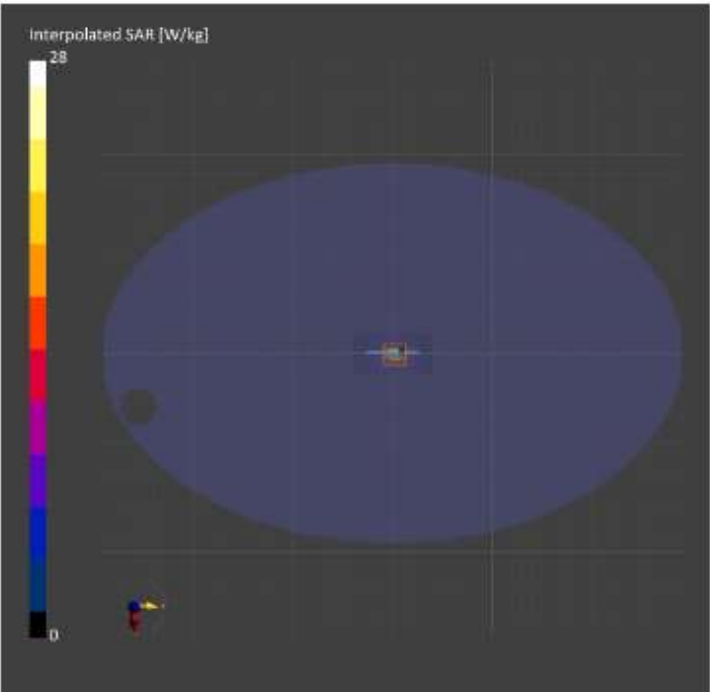
Summary					
Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [N]	Dev. 10g [N]
D2450V2 - SN782	2450.0	HSL	23.98	9.2	13.9

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10	CW, 0--		2450.000, 0	7.74	1.70	40.4

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HBBL-600-10000, 2025-05-31	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

	Scans Setup	
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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:	2025-05-31, 00:41	2025-05-31, 00:51
psSAR1g [W/Kg]	14.1	14.4
psSAR10g [W/Kg]	6.53	7.06
Power Drift [dB]	0.02	0.03
TSL Correction	Positive / Negative	Positive / Negative



Motorola Solutions, EME Laboratory

2025-06-15, 03:28

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D5GHzV2 - SN1026	5250.0	HSL	20.0	-9.4	-9.0

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10		CW, 0--	5250.000, 0	5.34	4.55	36.9

Hardware Setup

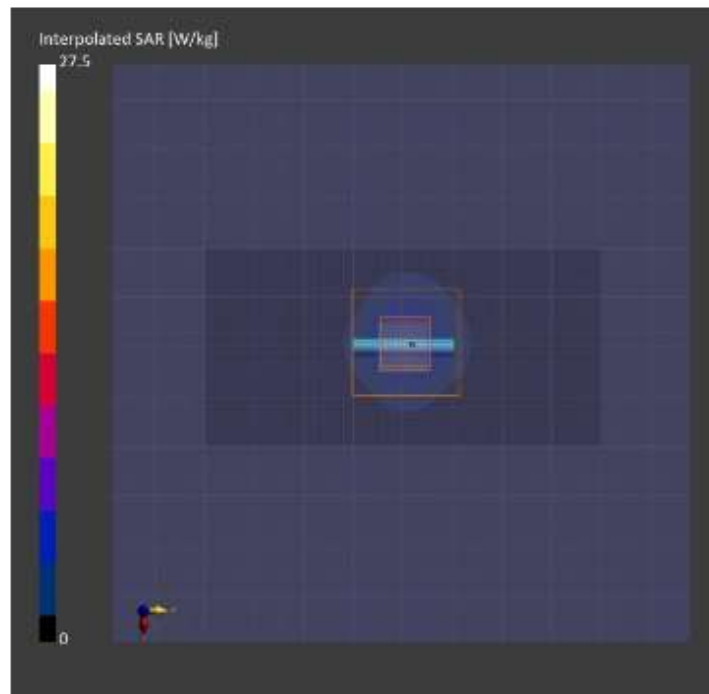
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1016	HBBL-600-10000, 2025-06-15	EX3DV4 - SN7816, 2023-06-10	DAE4 Sn688, 2022-10-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 22.4
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	2025-06-15, 03:28	2025-06-15, 03:41
psSAR1g [W/Kg]	6.94	7.13
psSAR10g [W/Kg]	1.98	2.06
Power Drift [dB]	-0.03	0.03
TSL Correction	Positive / Negative	Positive / Negative



Motorola Solutions, EME Laboratory

2025-06-22, 00:48

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D5GHzV2 - SN1026	5500.0	HSL	20.0	-8.1	-6.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10		CW, 0--	5500.000, 0	4.8	4.50	35.0

Hardware Setup

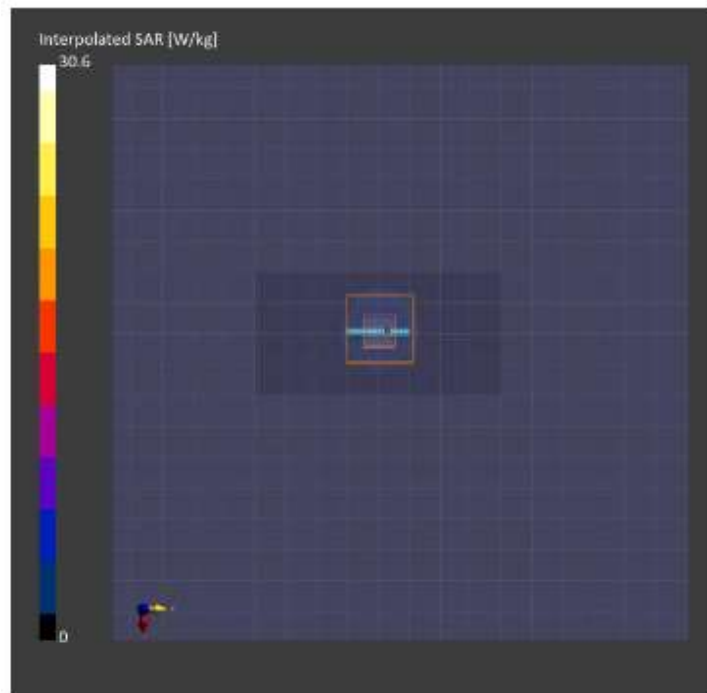
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1016	HBBL-600-10000, 2025-06-22	EX3DV4 - SN7816, 2023-06-10	DAE4 Sn688, 2022-10-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 22.4
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	2025-06-22, 00:48	2025-06-22, 01:01
psSAR1g [W/Kg]	7.38	7.76
psSAR10g [W/Kg]	2.09	2.24
Power Drift [dB]	-0.06	0.09
TSL Correction	Positive / Negative	Positive / Negative



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D5GHzV2 - SN1026	5600.0	HSL	20.0	5.4	8.4

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10		CW, 0--	5600.000, 0	4.66	4.68	37.0

Hardware Setup

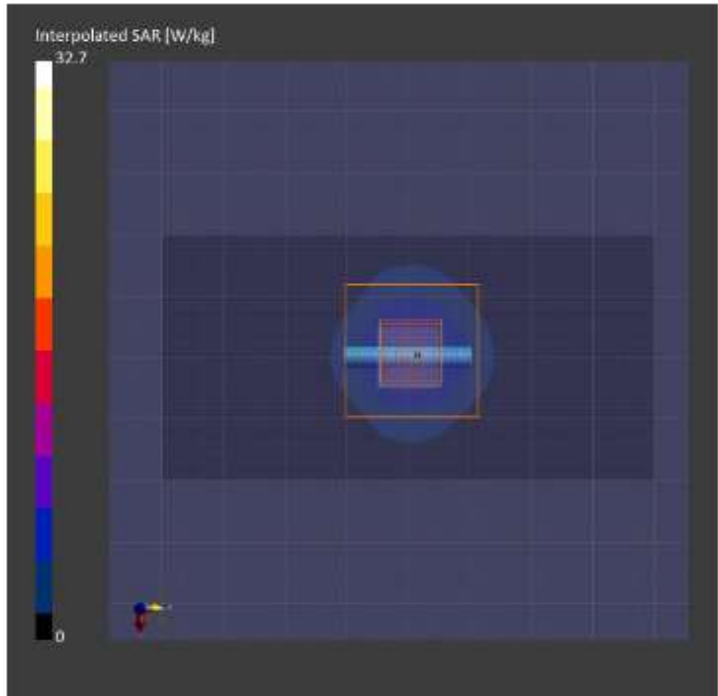
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1016	HBBL-600-10000 , 2025-06-30	EX3DV4 - SN7816, 2023-06-10	DAE4 Sn688, 2022-10-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 22.4
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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-30, 22:53	2025-06-30, 23:06
psSAR1g [W/Kg]	8.73	8.66
psSAR10g [W/Kg]	2.47	2.55
Power Drift [dB]	-0.05	-0.22
TSL Correction	Positive / Negative	Positive / Negative



Motorola Solutions, EME Laboratory

2025-06-27, 01:46

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D5GHzV2 - SN1026	5800.0	HSL	20.0	-8.9	-7.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10		CW, 0--	5800.000, 0	4.87	4.94	33.6

Hardware Setup

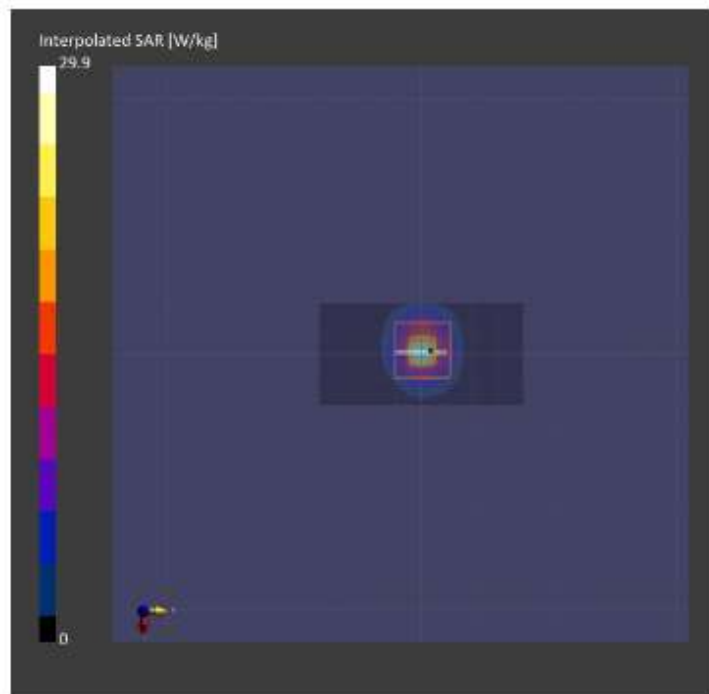
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1016	HBBL-600-10000, 2025-06-27	EX3DV4 - SN7816, 2023-06-10	DAE4 Sn688, 2022-10-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 22.4
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	2025-06-27, 01:46	2025-06-27, 01:58
psSAR1g [W/Kg]	7.17	7.35
psSAR10g [W/Kg]	2.06	2.13
Power Drift [dB]	0.01	0.00
TSL Correction	Positive / Negative	Positive / Negative



Motorola Solutions, EME Laboratory

2025-07-31, 00:39

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D6.3GHzV2 - SN1112	6300.0	HSL	15.0	189.2	187.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	3		CW, 0---	6300.000, 0	3.25	5.69	31.7

Hardware Setup

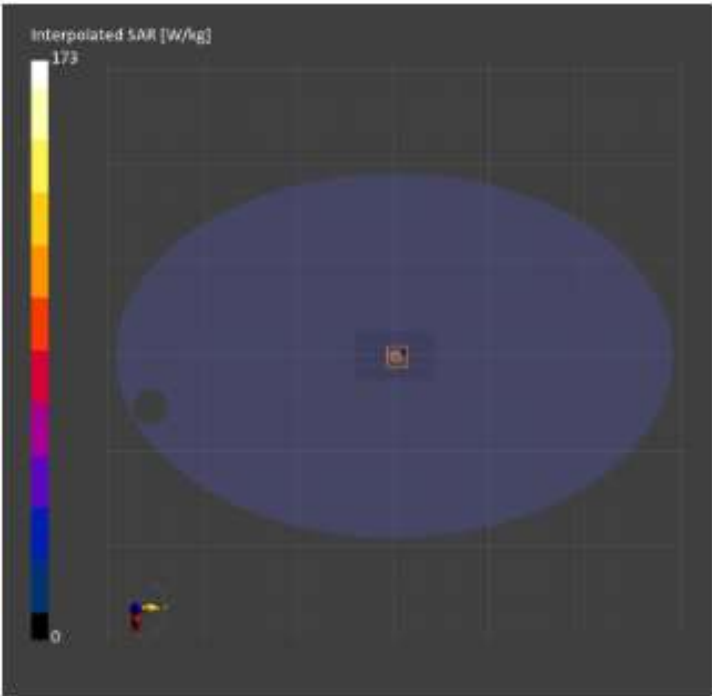
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HBBL-000-10000, 2025-07-31	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
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	2025-07-31, 00:39	2025-07-31, 00:57
psSAR1g [W/Kg]	20.1	26.2
psSAR10g [W/Kg]	4.17	4.82
Power Drift [dB]	0.07	0.01
TSL Correction	Positive / Negative	Positive / Negative



Part 4 of 4 (LTE & 5GNR)

Motorola Solutions, EME Laboratory

2025-08-15, 18:33

System Performance Check Report

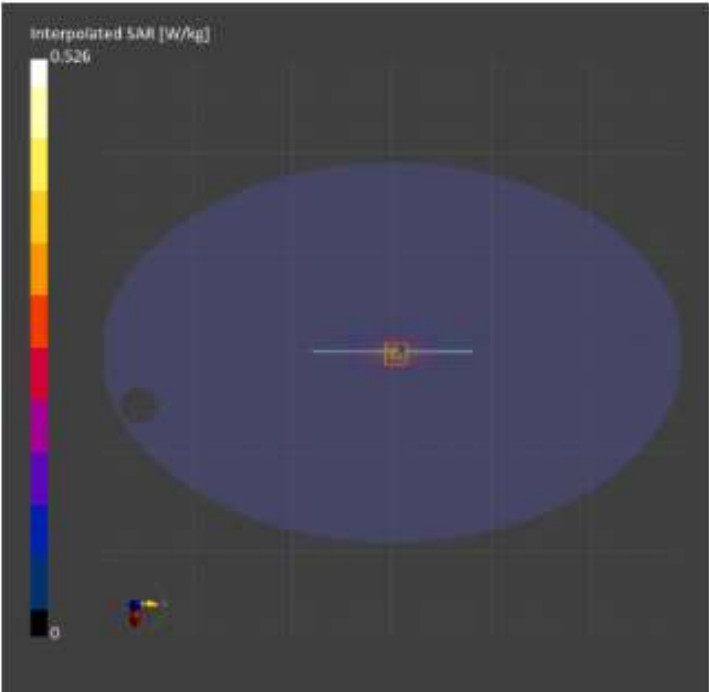
Summary					
Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [n]	Dev. 10g [n]
D835V2 - SN4d029	835.0	HSL	19.0	5.7	3.3

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	15		CW, 0--	835.000, 0	9.82	0.871	41.3

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HB8L-600-10000, 2025-08-15	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup		
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.3
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results		
	Area Scan	Zoom Scan
Date	2025-08-15, 18:33	2025-08-15, 18:40
psSAR1g [W/Kg]	0.327	0.327
psSAR10g [W/Kg]	0.215	0.209
Power Drift [dB]	-0.07	0.01
TSL Correction	Positive / Negative	Positive / Negative



Motorola Solutions, EME Laboratory

2025-06-13, 15:34

System Performance Check Report

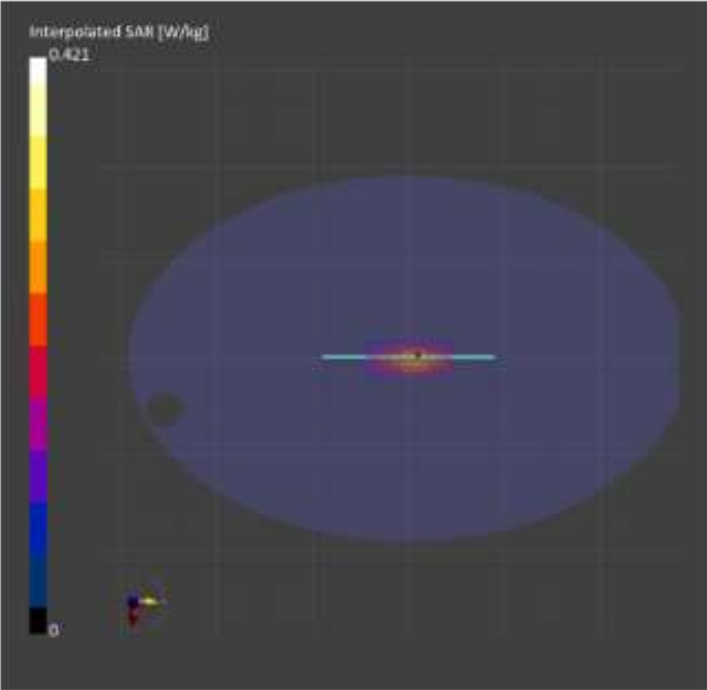
Summary					
Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D750V3 - SN1098	730.0	HSL	15.0	-2.5	-3.0

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10	CW, 0--		730.000, 0	10.21	0.052	42.6

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HBBL-000-10000, 2025-06-13	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

	Scans Setup	
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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:	2025-06-13, 15:34	2025-06-13, 15:41
psSAR1g [W/Kg]	0.263	0.263
psSAR10g [W/Kg]	0.175	0.171
Power Drift [dB]	0.00	-0.02
TSL Correction	Positive only	Positive only



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2025-05-17, 23:08

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D1800V2 - 5N2d120	1800.0	HSL	23.98	6.5	7.9

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10		CW, 0--	1800.000, 0	0.27	1.29	43.4

Hardware Setup

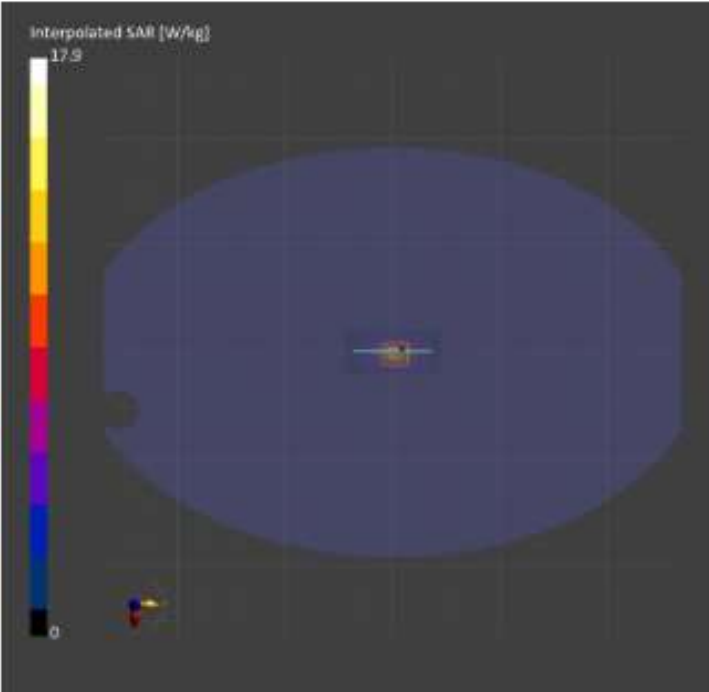
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HBBL-600-10000, 2025-05-17	EX3DV4 - 5N7534, 2024-05-24	DAE4 5n1393, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	0.0 x 0.0 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 + 8p	VMS + 8p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-17, 23:08	2025-05-17, 23:13
psSAR1g [W/Kg]	9.37	10.2
psSAR10g [W/Kg]	4.75	5.40
Power Drift [dB]	0.02	-0.02
TSL Correction	Positive / Negative	Positive / Negative



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2023-03-19, 20:41

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D1900V2 - SN3d064	1900.0	HSL	15.0	0.7	13.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10	CW, 0--		1900.000, 0	0.06	1.30	38.6

Hardware Setup

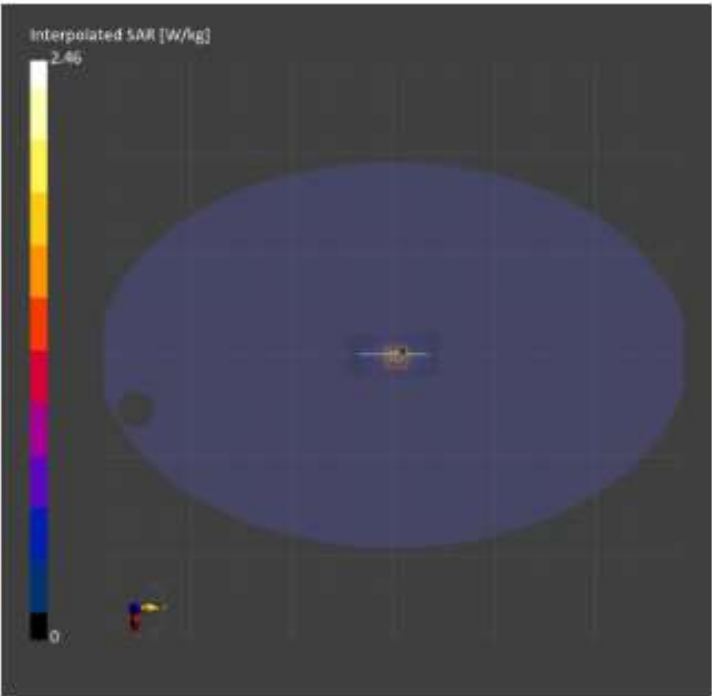
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HBBL-600-10000, 2023-03-19	EX3DV4 - SN7534, 2024-03-24	DAE4 Sn1598, 2024-03-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2023-03-19, 20:41	2023-03-19, 20:48
psSAR1g [W/Kg]	1.33	1.35
psSAR10g [W/Kg]	0.091	0.732
Power Drift [dB]	-0.00	-0.01
TSL Correction	Positive / Negative	Positive / Negative



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2025-06-18, 02:06

System Performance Check Report

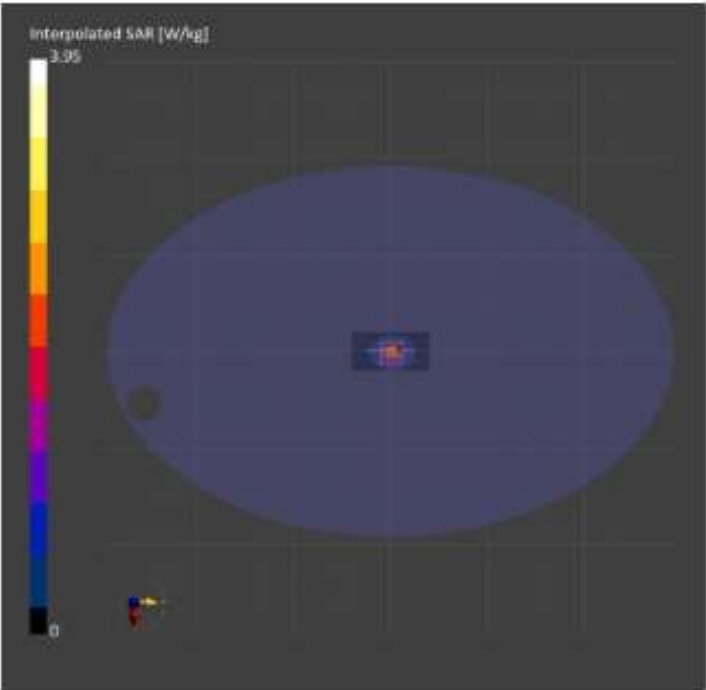
Summary					
Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D2000V2 - 5N1011	2000.0	HSL	15.0	-6.1	-7.6

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10		CW, 0--	2000.000, 0	7.73	1.91	38.9

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	HBBL-000-10000, 2025-06-18	EXSDV4 - 5N7534, 2024-05-24	DAE4 5n1590, 2024-05-13

Scans Setup		
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2025-06-18, 02:06	2025-06-18, 02:10
psSAR1g [W/Kg]	1.73	1.66
psSAR10g [W/Kg]	0.775	0.734
Power Drift [dB]	-0.01	-0.14
TSL Correction	Positive / Negative	Positive / Negative



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2025-06-20, 08:39

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D3500V2 - SN1015	3500.0	HSL	15.0	8.7	8.0

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10	CW, 0		3500.000, 0	0.53	2.60	39.2

Hardware Setup

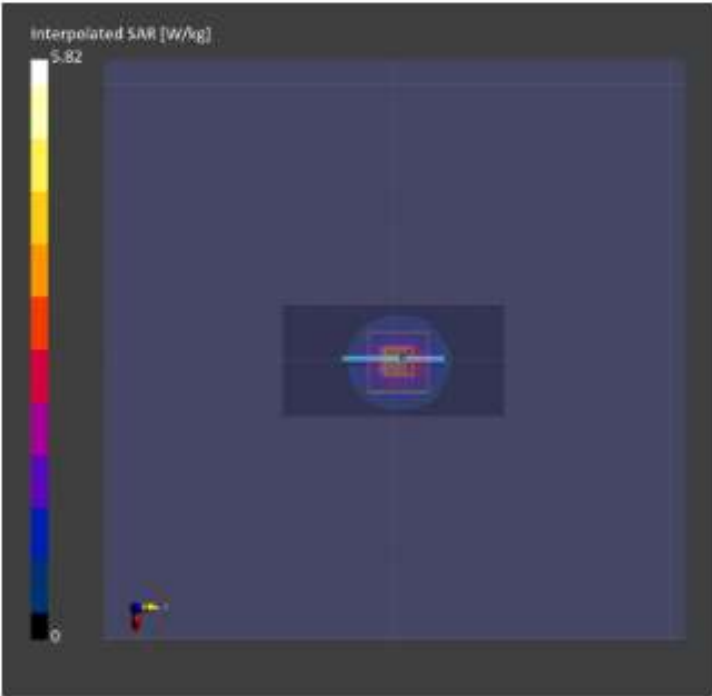
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	H8BL-600-10000, 2025-06-20	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1598, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 60.0	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	2025-06-20, 08:39	2025-06-20, 08:49
psSAR1g [W/Kg]	2.30	2.23
psSAR10g [W/Kg]	0.884	0.840
Power Drift [dB]	-0.06	-0.22
TSL Correction	Positive / Negative	Positive / Negative



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2025-07-03, 02:02

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D3700V2 - SN1028	3700.0	HSL	15.0	7.3	7.6

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	10	CW, 0--		3700.000, 0	0.44	2.89	39.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - 1011	H88L-600-10000 , 2025-07-03	EX3DV4 - SN7534, 2024-05-24	DAE4 Sn1590, 2024-05-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-07-03, 02:02	2025-07-03, 02:12
psSAR1g [W/Kg]	2.27	2.28
psSAR10g [W/Kg]	0.034	0.037
Power Drift [dB]	0.03	0.02
TSL Correction	Positive / Negative	Positive / Negative

