



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle), Channel 54 (5270.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10536-AAC	5270.0, 54	5.14	4.59	34.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.6 deg.C 2025-Dec-08 SYS5 B7.prn, 2025-Dec-08	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-08, 20:40	2025-12-08, 20:52
psSAR1g [W/Kg]	0.654	0.722
psSAR10g [W/Kg]	0.260	0.270
Power Drift [dB]	0.11	0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		61.0
Dist 3dB Peak [mm]		10.5

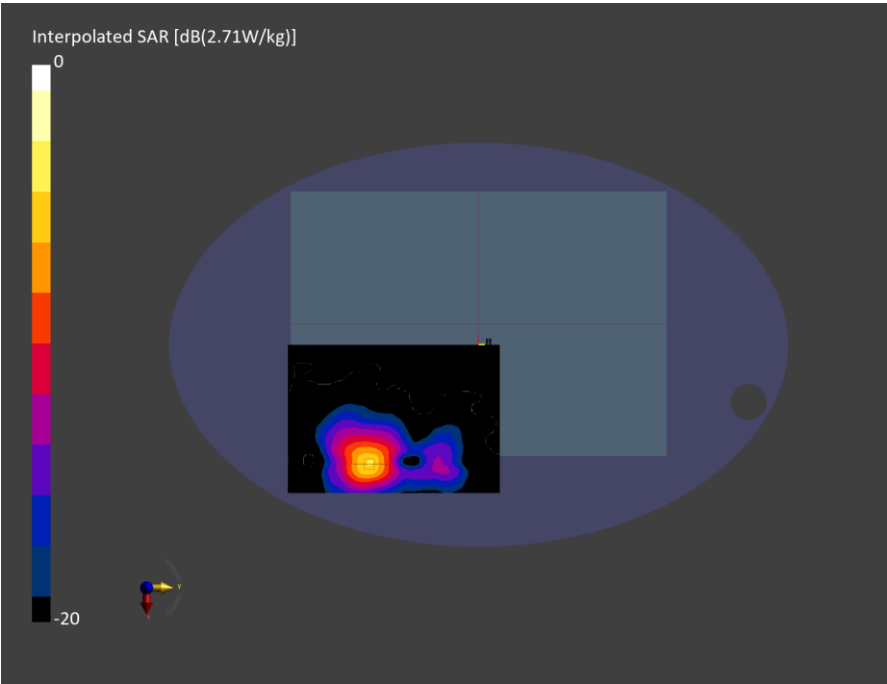


Figure C.24: SAR testing results for the A3428 at 5270 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle), Channel 60 (5300.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10519-AAC	5300.0, 60	5.14	4.58	34.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.2 deg.C 2025-Dec-01 SYS5 B7.prn, 2025-Dec-01	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	160.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
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	2025-12-01, 18:56	2025-12-01, 19:05
psSAR1g [W/Kg]	0.926	1.03
psSAR10g [W/Kg]	0.344	0.365
Power Drift [dB]	0.00	0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		59.4
Dist 3dB Peak [mm]		9.4

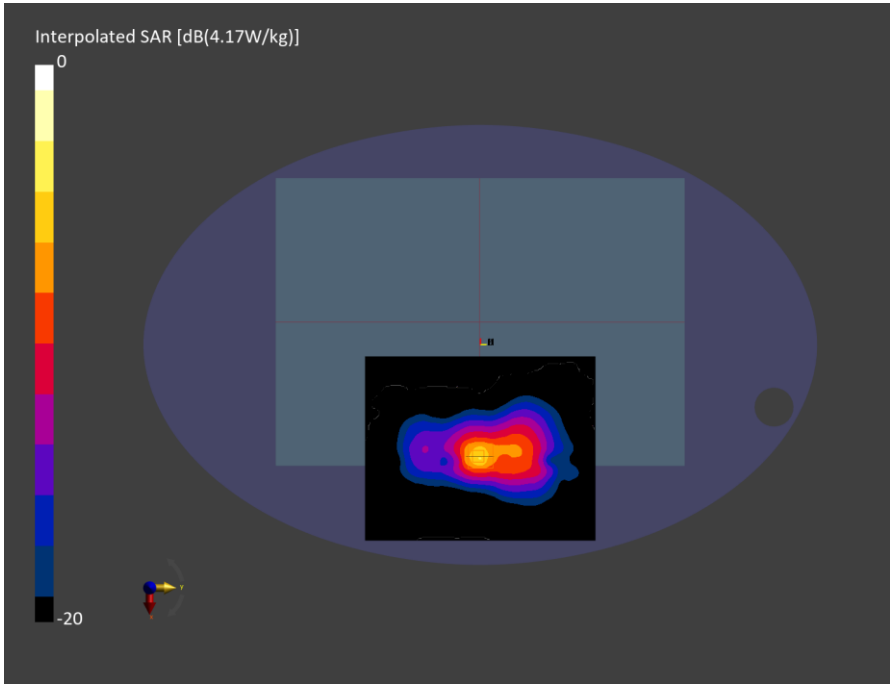


Figure C.25: SAR testing results for the A3428 at 5300 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle), Channel 54 (5270.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10536-AAC	, 54	5.14	4.52	36.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.7 deg.C 2025-Dec-03 SYS5 B7.prn, 2025-Dec-03	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 10:54	2025-12-04, 11:02	2025-12-04, 11:14
psSAR1g [W/kg]	0.502	0.524	0.445
psSAR10g [W/kg]	0.196	0.196	0.158
Power Drift [dB]	0.04	0.04	-0.02
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		61.6	60.1
Dist 3dB Peak [mm]		10.9	10.1

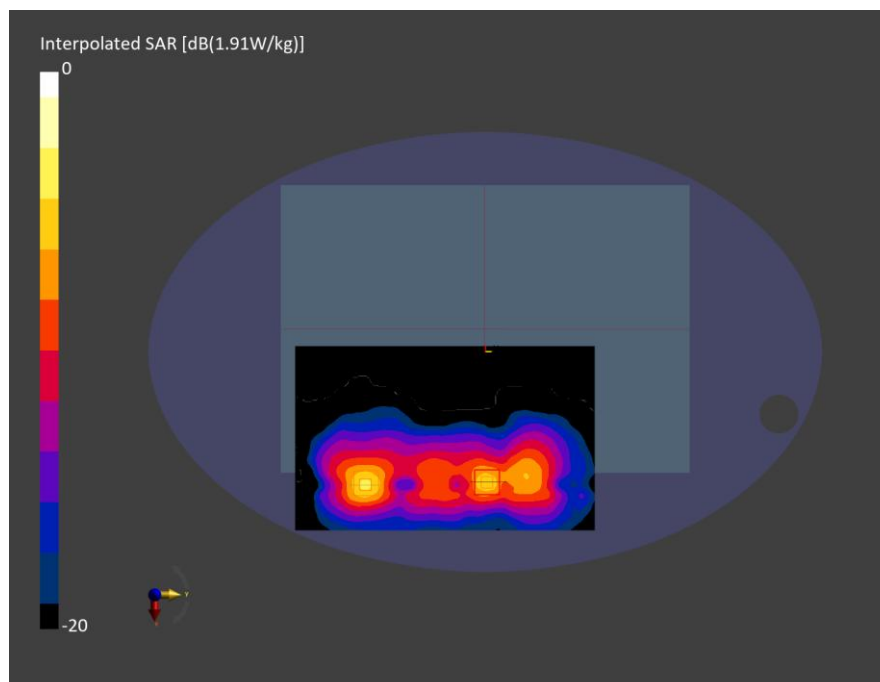


Figure C.26: SAR testing results for the A3428 at 5270 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle), Channel 54 (5270.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10536-AAC	, 54	5.14	4.52	36.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.7 deg.C 2025-Dec-03 SYS5 B7.prn, 2025-Dec-03	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 11:29	2025-12-04, 11:38	2025-12-04, 11:46
psSAR1g [W/kg]	0.690	0.709	0.609
psSAR10g [W/kg]	0.270	0.270	0.222
Power Drift [dB]	-0.01	0.03	0.06
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		61.9	60.7
Dist 3dB Peak [mm]		10.9	10.2

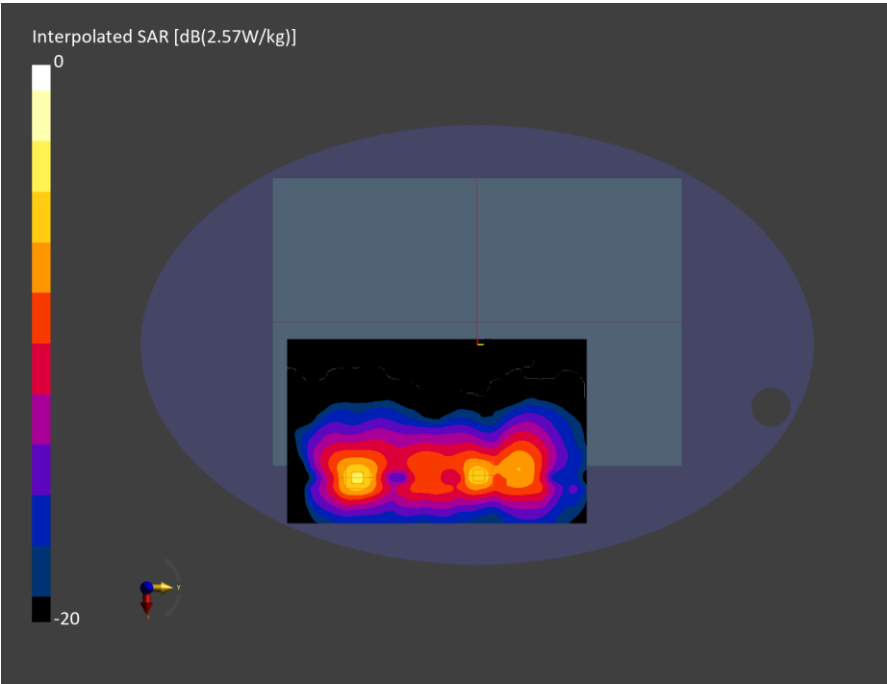


Figure C.27: SAR testing results for the A3428 at 5270 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle), Channel 100 (5500.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10519-AAC	5500.0, 100	5.0	4.80	34.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.2 deg.C 2025-Dec-01 SYS5 B7.prn, 2025-Dec-01	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	160.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
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	2025-12-02, 18:34	2025-12-02, 18:43
psSAR1g [W/Kg]	0.922	1.01
psSAR10g [W/Kg]	0.352	0.369
Power Drift [dB]	0.07	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		59.0
Dist 3dB Peak [mm]		9.6

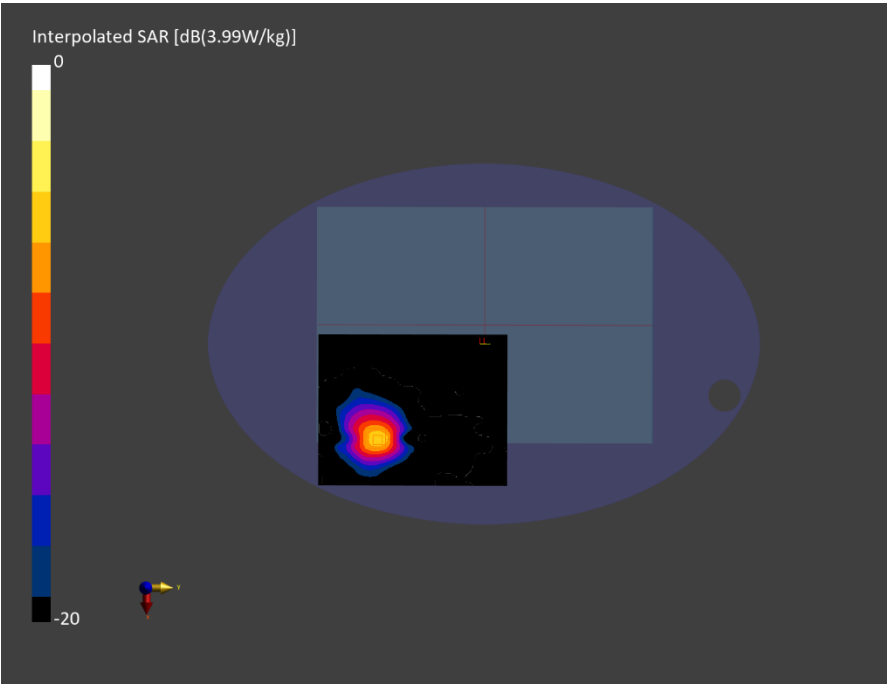


Figure C.28: SAR testing results for the A3428 at 5500 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle), Channel 138 (5690.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10733-AAC	5690.0, 138	4.98	4.99	36.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.7 deg.C 2025-Dec-03 SYS5 B7.prn, 2025-Dec-03	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	160.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
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	2025-12-03, 19:05	2025-12-03, 19:14
psSAR1g [W/Kg]	1.01	1.15
psSAR10g [W/Kg]	0.383	0.401
Power Drift [dB]	0.03	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		9.6

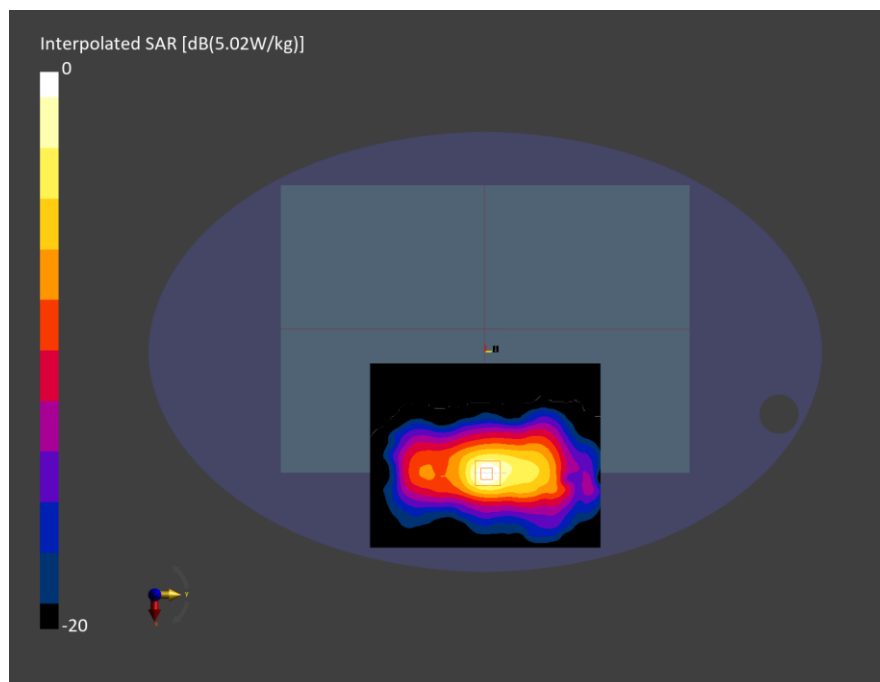


Figure C.29: SAR testing results for the A3428 at 5690 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle), Channel 122 (5610.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10546-AAC	, 122	4.98	4.85	35.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.8 deg.C 2025-Dec-12 SYS5 B7.prn, 2025-Dec-12	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-12, 18:13	2025-12-12, 18:25	2025-12-12, 18:37
psSAR1g [W/kg]	0.655	0.678	0.640
psSAR10g [W/kg]	0.261	0.256	0.230
Power Drift [dB]	0.01	0.06	0.05
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		57.4	57.1
Dist 3dB Peak [mm]		10.9	10.2

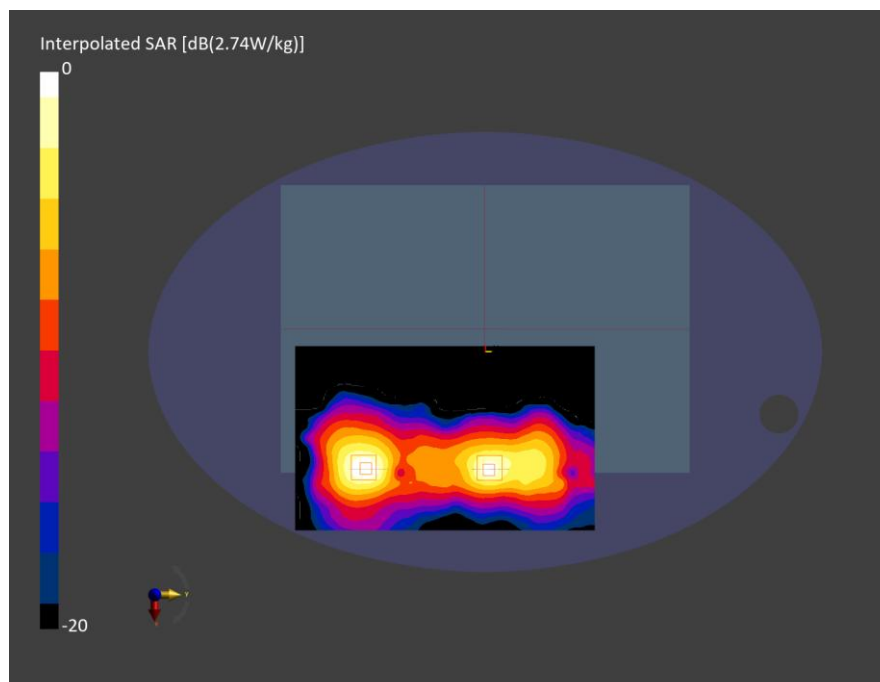


Figure C.30: SAR testing results for the A3428 at 5610 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle), Channel 122 (5610.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10546-AAC	, 122	4.98	4.85	35.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.8 deg.C 2025-Dec-12 SYS5 B7.prn, 2025-Dec-12	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	N/A	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-12, 18:50	2025-12-12, 19:02	2025-12-12, 19:09
psSAR1g [W/kg]	0.833	0.879	0.823
psSAR10g [W/kg]	0.333	0.336	0.298
Power Drift [dB]	0.00	0.00	0.04
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		58.0	57.4
Dist 3dB Peak [mm]		10.7	10.2

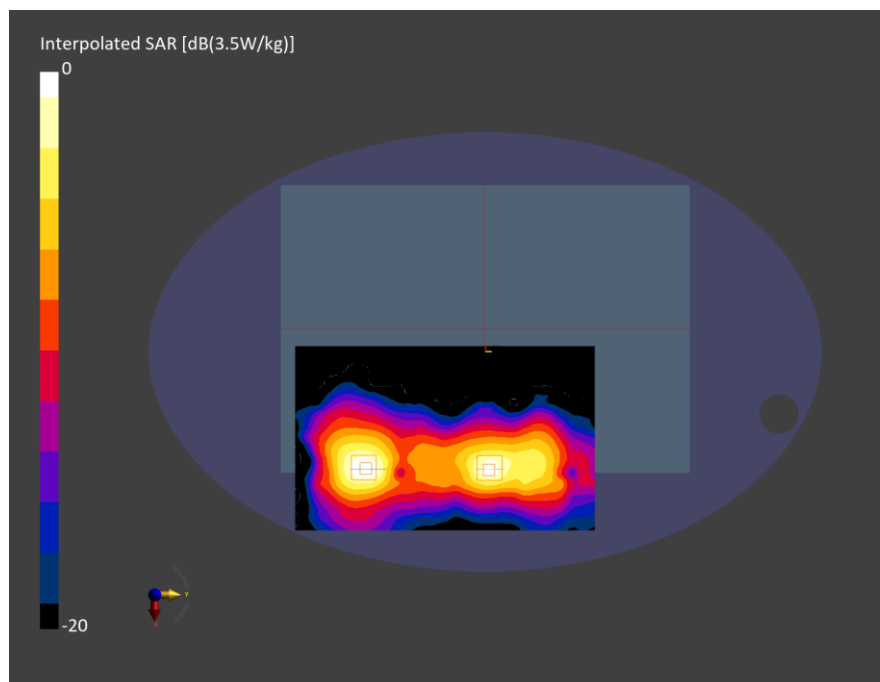


Figure C.31: SAR testing results for the A3428 at 5610 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle), Channel 155 (5775.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10546-AAC	5775.0, 155	4.94	5.10	33.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.4 deg.C 2025-Nov-28 SYS5 B7.prn, 2025-Nov-28	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	160.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-28, 14:16	2025-11-28, 14:25
psSAR1g [W/Kg]	0.683	0.736
psSAR10g [W/Kg]	0.272	0.270
Power Drift [dB]	-0.03	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		10.4

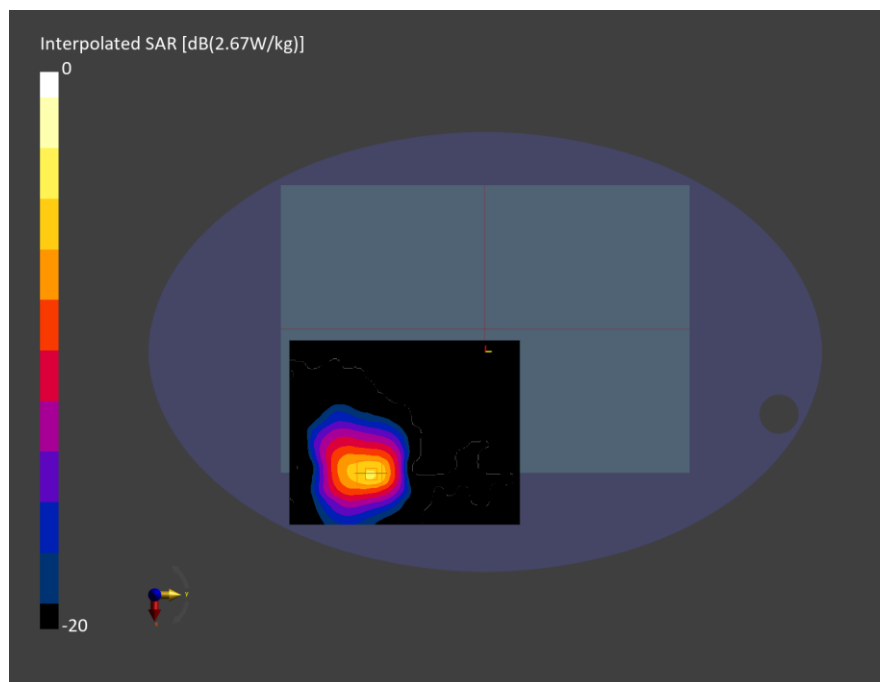


Figure C.32: SAR testing results for the A3428 at 5775 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle), Channel 165 (5825.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10519-AAC	5825.0, 165	4.94	5.16	33.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.4 deg.C 2025-Nov-28 SYS5 B7.prn, 2025-Nov-28	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	160.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-28, 15:50	2025-11-28, 15:59
psSAR1g [W/Kg]	0.801	0.965
psSAR10g [W/Kg]	0.316	0.339
Power Drift [dB]	0.15	0.22
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		9.6

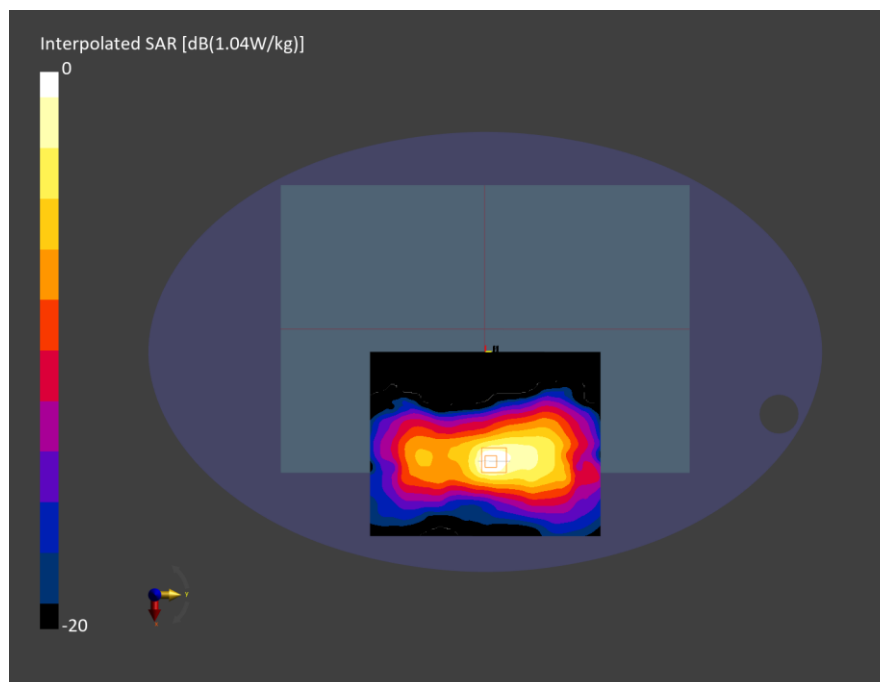


Figure C.33: SAR testing results for the A3428 at 5825 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle), Channel 159 (5795.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10536-AAC	, 159	4.94	5.19	33.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.6 deg.C 2025-Dec-08 SYS5 B7.prn, 2025-Dec-08	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-08, 11:55	2025-12-08, 12:04	2025-12-08, 12:13
psSAR1g [W/kg]	0.675	0.707	0.717
psSAR10g [W/kg]	0.266	0.252	0.270
Power Drift [dB]	0.01	-0.18	0.02
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		55.1	56.5
Dist 3dB Peak [mm]		10.2	11.4

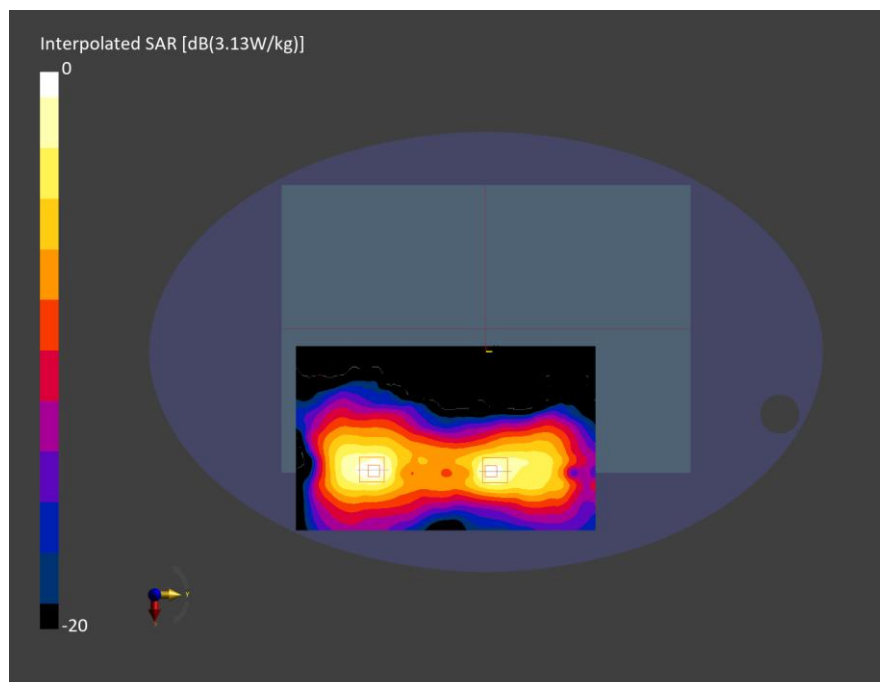


Figure C.34: SAR testing results for the A3428 at 5795 MHz



Measurement Report for A3428, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle), Channel 159 (5795.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	WLAN 5GHz	WLAN, 10536-AAC	, 159	4.94	5.19	33.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.6 deg.C 2025-Dec-08 SYS5 B7.prn, 2025-Dec-08	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-08, 12:56	2025-12-08, 13:05	2025-12-08, 13:14
psSAR1g [W/kg]	0.808	0.851	0.817
psSAR10g [W/kg]	0.319	0.321	0.291
Power Drift [dB]	-0.10	-0.13	-0.11
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		56.6	55.5
Dist 3dB Peak [mm]		11.7	10.2

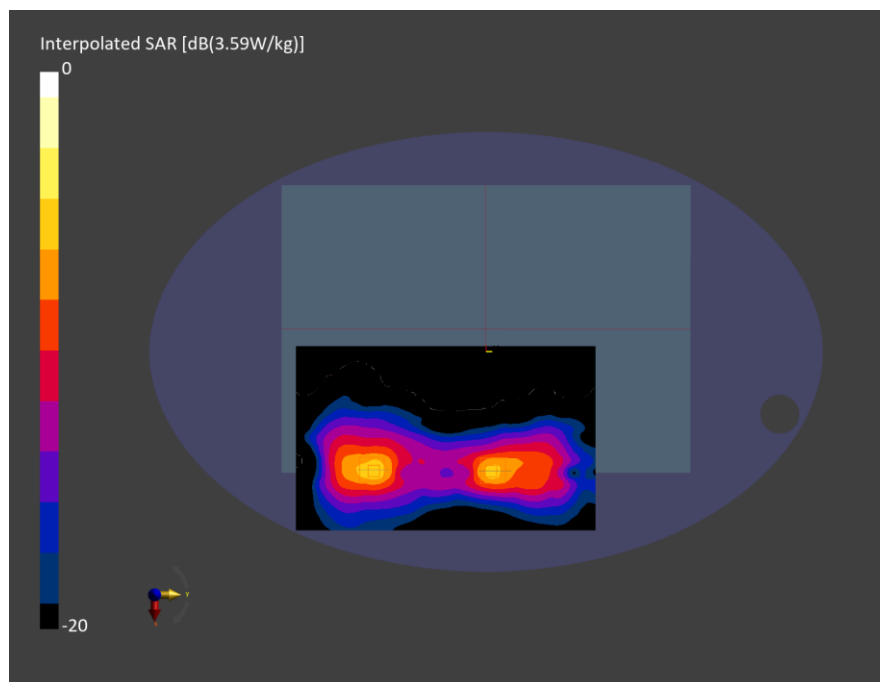


Figure C.35: SAR testing results for the A3428 at 5795 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 15 (6025.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	U-NII-5	WLAN, 10757-AAC	6025.000, 15	5.38	5.34	33.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.6 deg.C 2025-Dec-15 SYS6 B8.prn, 2025-Dec-15	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-16, 17:27	2025-12-16, 17:40
psSAR1g [W/Kg]	0.098	0.097
psSAR10g [W/Kg]	0.038	0.038
Power Drift [dB]	-0.33	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		10.7

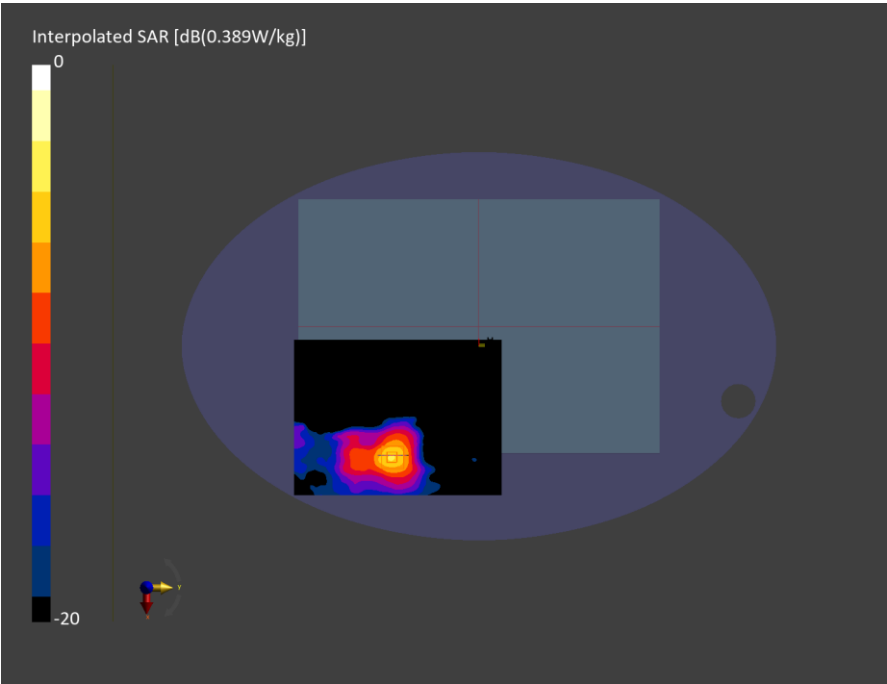


Figure C.36: SAR testing results for the A3428 at 6025 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	U-NII-5	WLAN, 10757-AAC	6025.0, 15	5.38	5.34	33.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.6 deg.C 2025-Dec-15 SYS6 B8.prn, 2025-Dec-15	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-16, 18:03	2025-12-16, 18:14
psSAR1g [W/Kg]	0.076	0.083
psSAR10g [W/Kg]	0.027	0.029
psAPD (4.0cm2, sq) [W/m2]		0.651
Power Drift [dB]	-0.08	-0.31
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		9.5

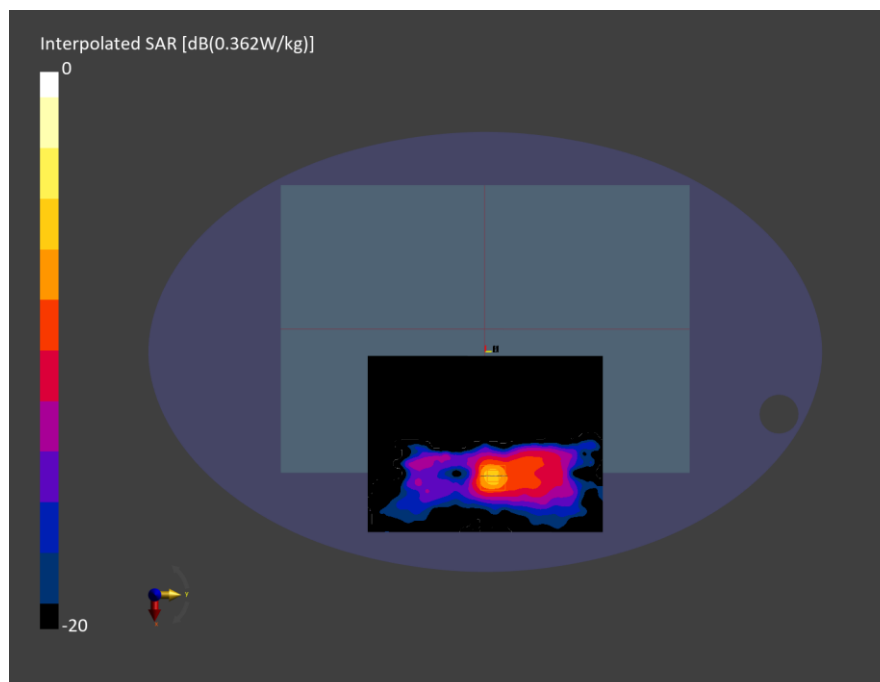


Figure C.37: SAR testing results for the A3428 at 6025 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 15 (6025.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	U-NII-5	WLAN, 10757-AAC	6025.000, 15	5.38	5.34	33.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.6 deg.C 2025-Dec-15 SYS6 B8.prn, 2025-Dec-15	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
Grading Ratio	N/A	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-16, 19:53	2025-12-16, 20:04	2025-12-16, 20:15
psSAR1g [W/kg]	0.096	0.098	0.067
psSAR10g [W/kg]	0.038	0.037	0.023
psAPD (4.0cm2, sq) [W/m2]		0.819	0.514
Power Drift [dB]	-0.13	-0.15	-0.10
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		57.7	58.3
Dist 3dB Peak [mm]		2.8	8.6

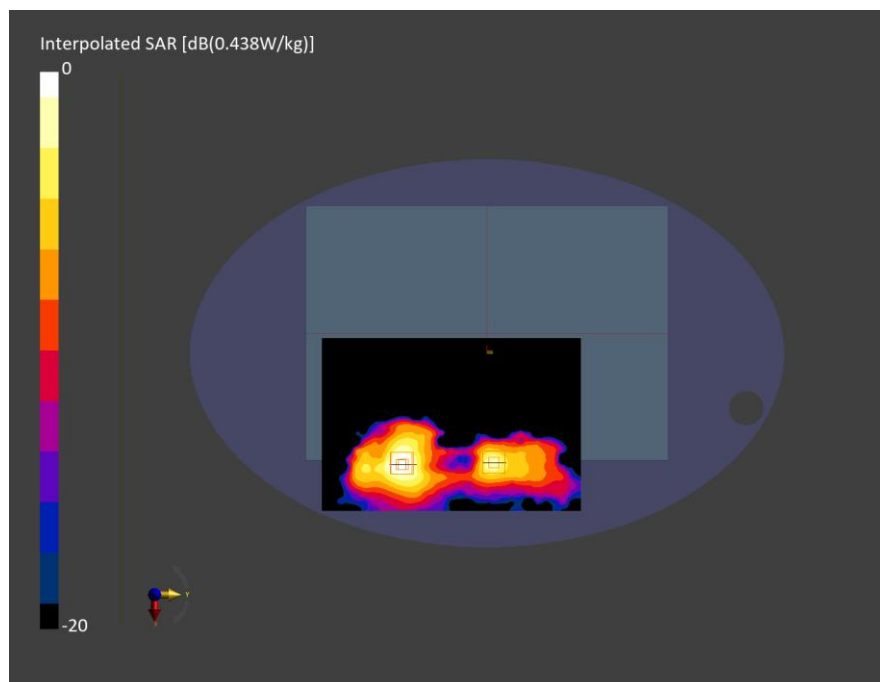


Figure C.38: SAR testing results for the A3428 at 6025 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 15 (6025.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 5.00	U-NII-5	WLAN, 10757-AAC	6025.000, 15	5.38	5.34	33.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.6 deg.C 2025-Dec-15 SYS6 B8.prn, 2025-Dec-15	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
Grading Ratio	N/A	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-16, 20:41	2025-12-16, 20:50	2025-12-16, 21:04
psSAR1g [W/kg]	0.119	0.121	0.079
psSAR10g [W/kg]	0.047	0.047	0.027
psAPD (4.0cm2, sq) [W/m2]		1.04	0.613
Power Drift [dB]	-0.19	-0.34	0.02
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		57.5	56.5
Dist 3dB Peak [mm]		11.2	8.3

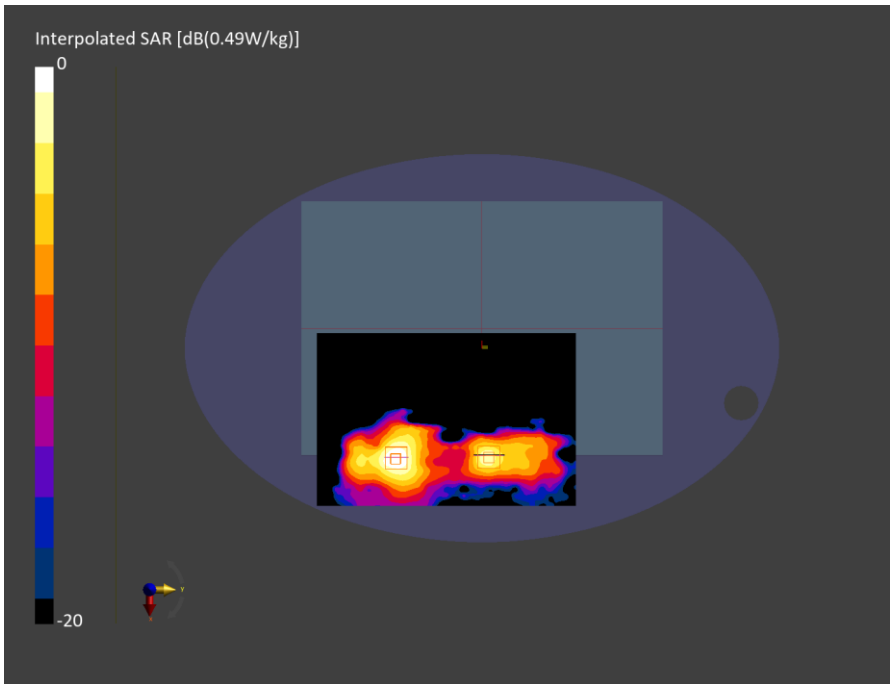


Figure C.39: SAR testing results for the A3428 at 6025 MHz



Measurement Report for A3428, BACK, U-NII-6, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 111 (6505.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-6	WLAN, 10757-AAC	6505.0, 111	5.38	5.90	31.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-01, 19:45	2025-12-01, 19:55
psSAR1g [W/Kg]	0.166	0.177
psSAR10g [W/Kg]	0.055	0.057
psAPD (4.0cm2, sq) [W/m2]		1.30
Power Drift [dB]	0.19	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.5
Dist 3dB Peak [mm]		7.5

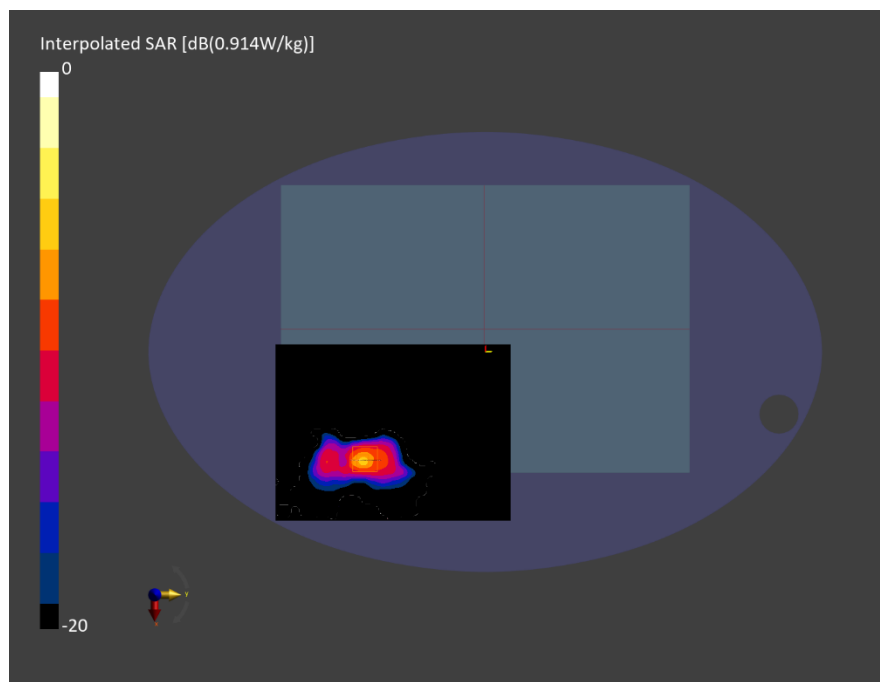


Figure C.40: APD and SAR testing results for the A3428 at 6505 MHz



Measurement Report for A3428, BACK, U-NII-6, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 111 (6505.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-6	WLAN, 10757-AAC	6505.0, 111	5.38	5.90	31.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-02, 19:48	2025-12-02, 20:02
psSAR1g [W/Kg]	0.206	0.227
psSAR10g [W/Kg]	0.068	0.070
psAPD (4.0cm2, sq) [W/m2]		1.61
Power Drift [dB]	-0.06	-0.21
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.8
Dist 3dB Peak [mm]		7.6

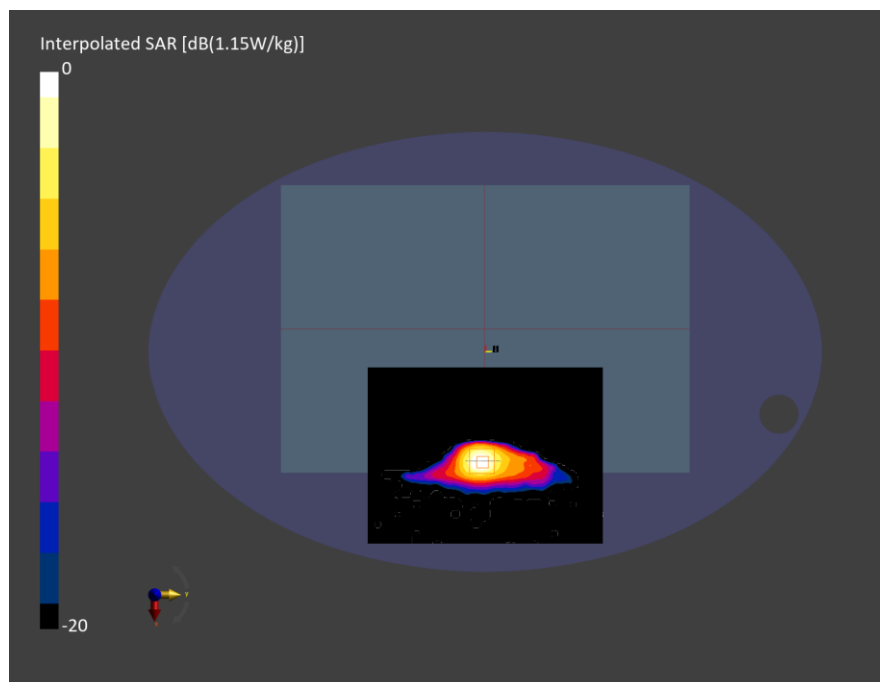


Figure C.41: APD and SAR testing results for the A3428 at 6505 MHz



Measurement Report for A3428, BACK, U-NII-6, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 111 (6505.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-6	WLAN, 10757-AAC	, 111	5.38	5.83	33.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 09:52	2025-12-04, 10:05	2025-12-04, 10:16
psSAR1g [W/kg]	0.188	0.204	0.123
psSAR10g [W/kg]	0.064	0.066	0.040
psAPD (4.0cm2, sq) [W/m2]		1.51	0.900
Power Drift [dB]	0.50	0.22	0.28
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		47.9	47.0
Dist 3dB Peak [mm]		8.0	7.8

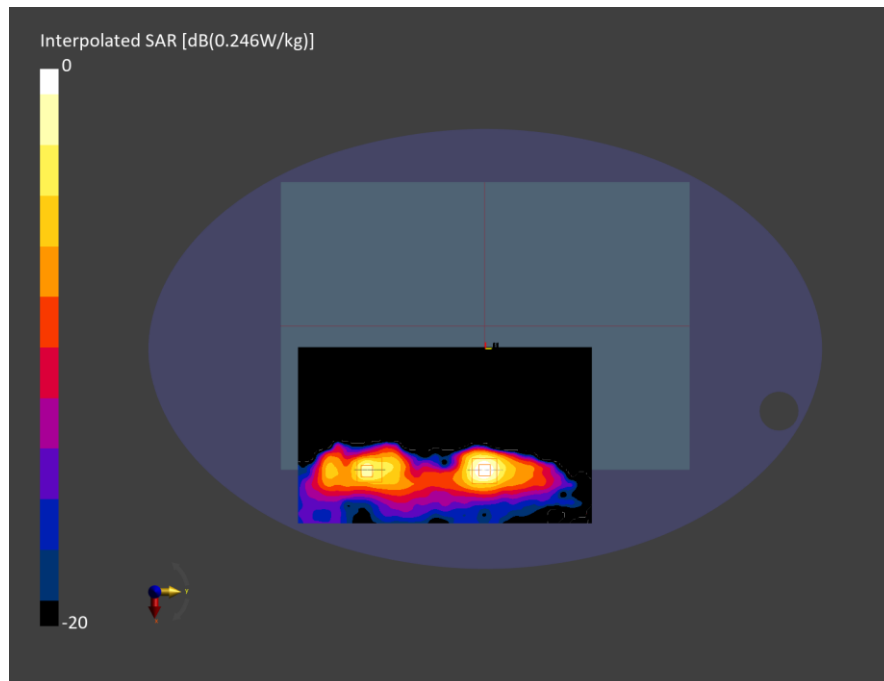


Figure C.42: APD and SAR testing results for the A3428 at 6505 MHz



Measurement Report for A3428, BACK, U-NII-6, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 111 (6505.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-6	WLAN, 10757-AAC	, 111	5.38	5.83	33.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 10:32	2025-12-04, 10:46	2025-12-04, 10:57
psSAR1g [W/kg]	0.172	0.185	0.114
psSAR10g [W/kg]	0.058	0.059	0.037
psAPD (4.0cm2, sq) [W/m2]		1.35	0.831
Power Drift [dB]	0.19	-0.16	-0.46
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		51.4	52.7
Dist 3dB Peak [mm]		8.2	7.4

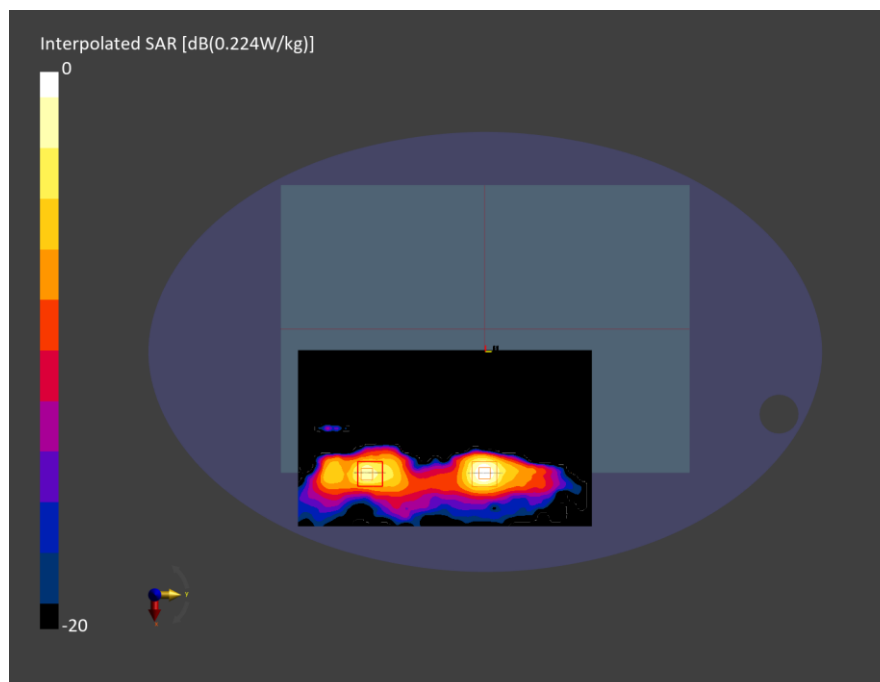


Figure C.43: APD and SAR testing results for the A3428 at 6505 MHz



Measurement Report for A3428, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 175 (6825.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-7	WLAN, 10757-AAC	6825.0, 175	5.38	6.26	31.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-01, 21:06	2025-12-01, 21:17
psSAR1g [W/Kg]	0.246	0.258
psSAR10g [W/Kg]	0.078	0.080
psAPD (4.0cm2, sq) [W/m2]		1.83
Power Drift [dB]	0.13	0.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.0
Dist 3dB Peak [mm]		7.5

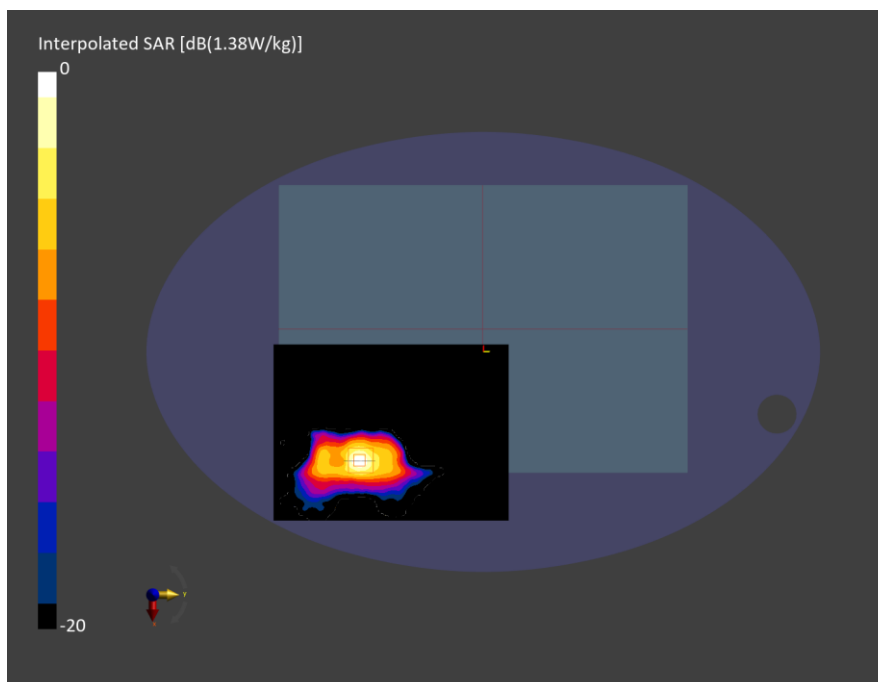


Figure C.44: APD and SAR testing results for the A3428 at 6825 MHz



Measurement Report for A3428, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-7	WLAN, 10757-AAC	6665.0, 143	5.38	6.08	31.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-02, 20:14	2025-12-02, 20:28
psSAR1g [W/Kg]	0.244	0.279
psSAR10g [W/Kg]	0.081	0.086
psAPD (4.0cm2, sq) [W/m2]		1.98
Power Drift [dB]	-0.02	0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.9
Dist 3dB Peak [mm]		7.8

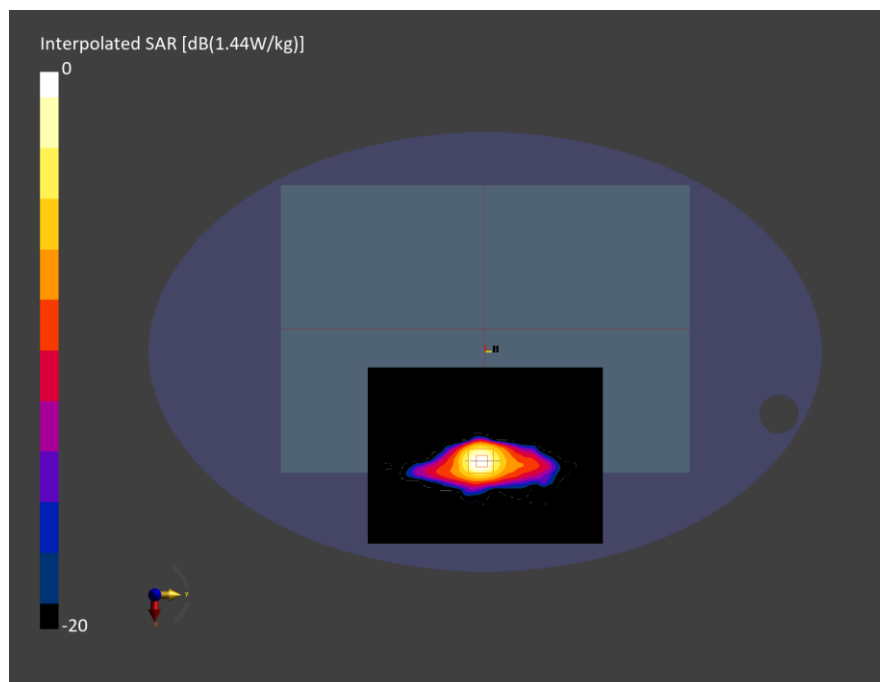


Figure C.45: APD and SAR testing results for the A3428 at 6665 MHz



Measurement Report for A3428, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-7	WLAN, 10757-AAC	, 143	5.38	6.02	32.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 11:12	2025-12-04, 11:26	2025-12-04, 11:40
psSAR1g [W/kg]	0.177	0.183	0.199
psSAR10g [W/kg]	0.059	0.058	0.065
psAPD (4.0cm2, sq) [W/m2]		1.32	1.47
Power Drift [dB]	0.22	-0.36	-0.05
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		46.0	47.1
Dist 3dB Peak [mm]		7.8	8.2

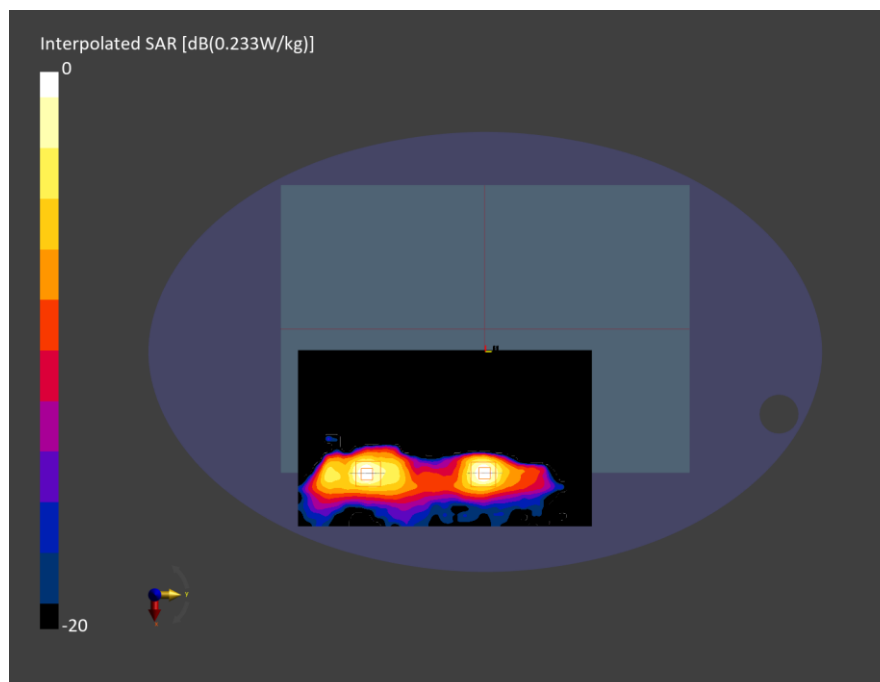


Figure C.46: APD and SAR testing results for the A3428 at 6665 MHz



Measurement Report for A3428, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-7	WLAN, 10757-AAC	, 143	5.38	6.02	32.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 11:56	2025-12-04, 12:05	2025-12-04, 12:16
psSAR1g [W/kg]	0.212	0.219	0.231
psSAR10g [W/kg]	0.071	0.070	0.074
psAPD (4.0cm2, sq) [W/m2]		1.59	1.69
Power Drift [dB]	-0.06	-0.75	-0.11
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		47.0	46.7
Dist 3dB Peak [mm]		7.8	8.2

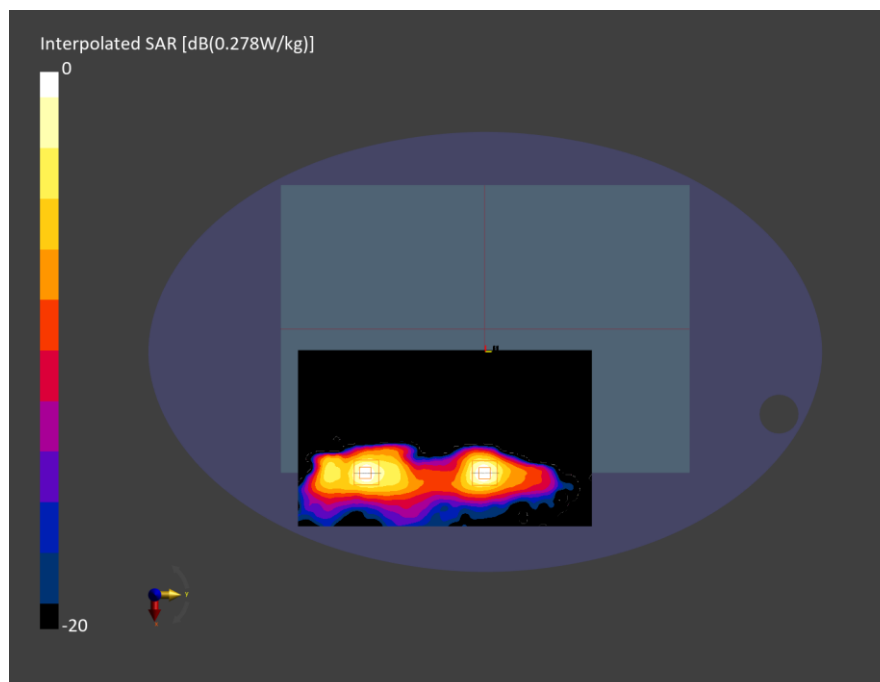


Figure C.47: APD and SAR testing results for the A3428 at 6665 MHz



Measurement Report for A3428, BACK, U-NII-8, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 207 (6985.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-8	WLAN, 10757-AAC	6985.0, 207	5.38	6.44	30.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-01, 21:54	2025-12-01, 22:03
psSAR1g [W/Kg]	0.196	0.206
psSAR10g [W/Kg]	0.061	0.063
psAPD (4.0cm2, sq) [W/m2]		1.44
Power Drift [dB]	-0.27	-0.19
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.2
Dist 3dB Peak [mm]		7.5

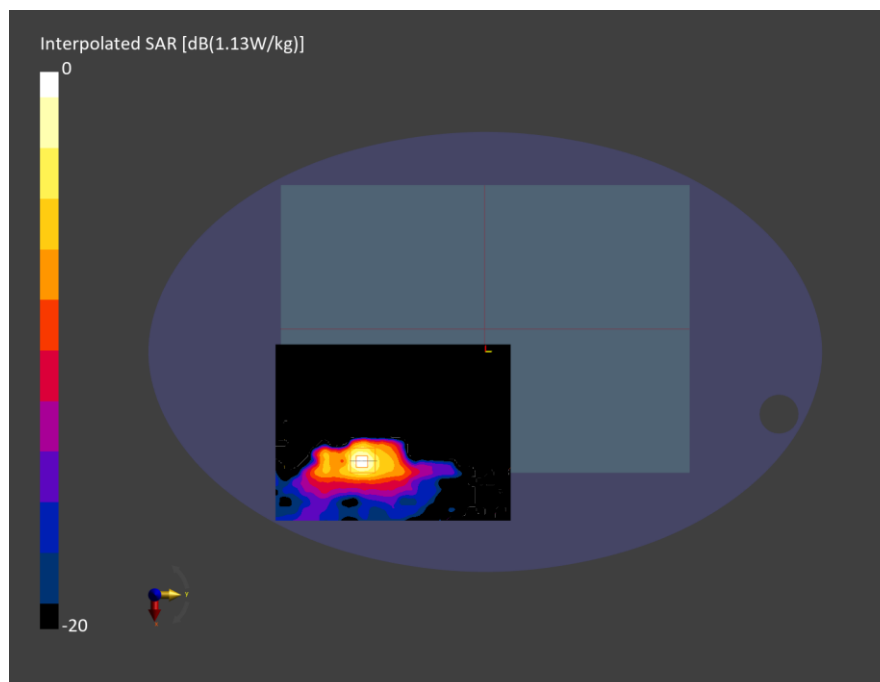


Figure C.48: APD and SAR testing results for the A3428 at 6985 MHz



Measurement Report for A3428, BACK, U-NII-8, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 207 (6985.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-8	WLAN, 10757-AAC	6985.0, 207	5.38	6.44	30.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-02, 21:34	2025-12-02, 21:43
psSAR1g [W/Kg]	0.279	0.312
psSAR10g [W/Kg]	0.092	0.097
psAPD (4.0cm2, sq) [W/m2]		2.24
Power Drift [dB]	-0.17	-0.34
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.4
Dist 3dB Peak [mm]		7.6

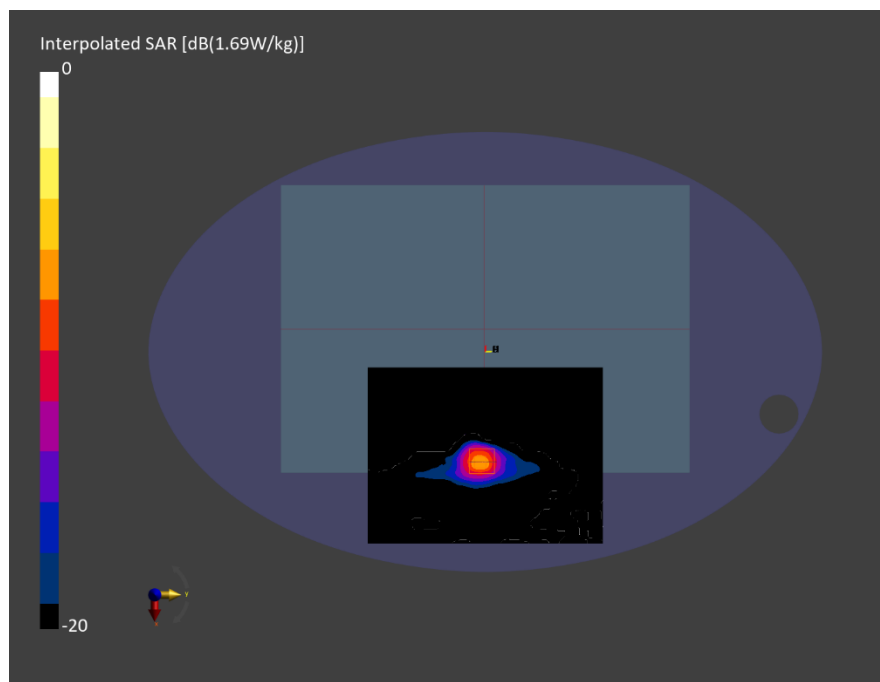


Figure C.49: APD and SAR testing results for the A3428 at 6985 MHz



Measurement Report for A3428, BACK, U-NII-8, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 207 (6985.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-8	WLAN, 10757-AAC	, 207	5.38	6.38	32.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 13:25	2025-12-04, 13:38	2025-12-04, 13:47
psSAR1g [W/kg]	0.180	0.187	0.179
psSAR10g [W/kg]	0.059	0.059	0.055
psAPD (4.0cm2, sq) [W/m2]		1.34	1.28
Power Drift [dB]	-0.10	-0.17	-0.33
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		45.0	48.3
Dist 3dB Peak [mm]		8.3	7.7

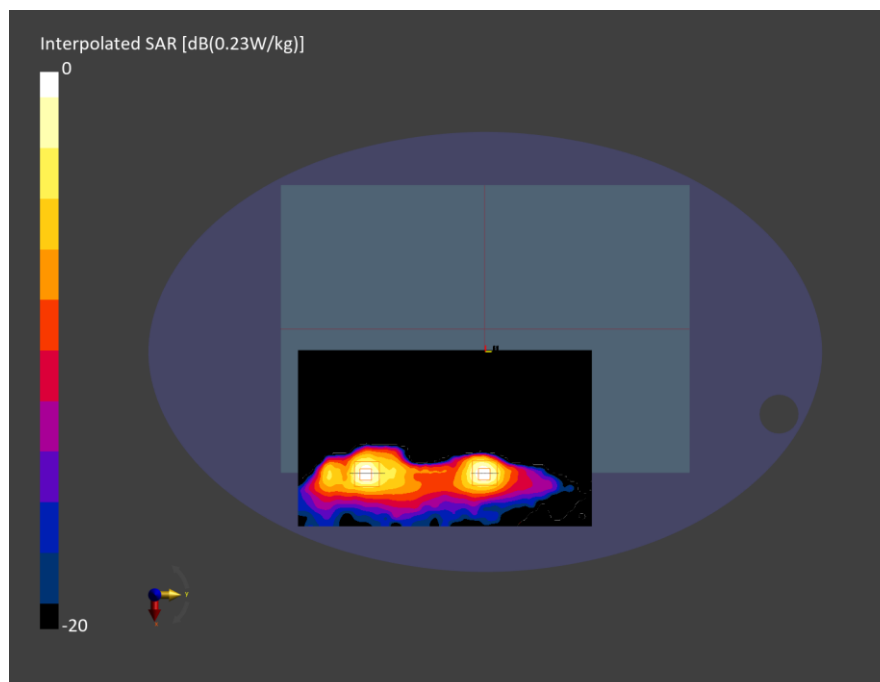


Figure C.50: APD and SAR testing results for the A3428 at 6985 MHz



Measurement Report for A3428, BACK, U-NII-8, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 207 (6985.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-8	WLAN, 10757-AAC	, 207	5.38	6.38	32.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 255.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 14:02	2025-12-04, 14:16	2025-12-04, 14:26
psSAR1g [W/kg]	0.276	0.283	0.271
psSAR10g [W/kg]	0.090	0.089	0.086
psAPD (4.0cm2, sq) [W/m2]		2.04	1.98
Power Drift [dB]	-0.26	-0.16	0.01
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		45.8	44.9
Dist 3dB Peak [mm]		8.2	8.0

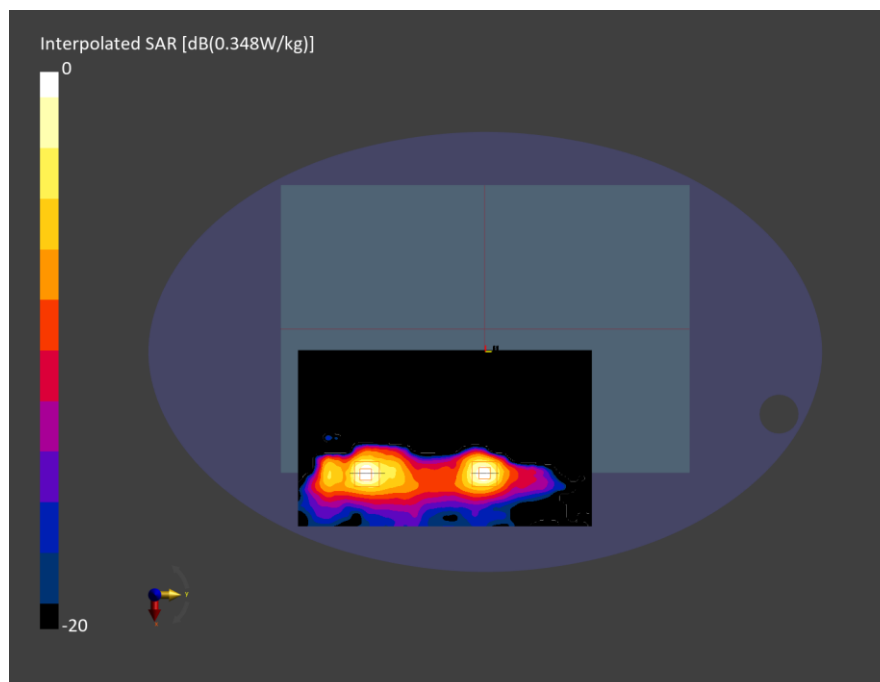


Figure C.51: APD and SAR testing results for the A3428 at 6985 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 47 (6185.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-5	WLAN, 10757-AAC	6185.0, 47	5.38	5.54	32.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-01, 18:41	2025-12-01, 18:52
psSAR1g [W/Kg]	0.297	0.305
psSAR10g [W/Kg]	0.110	0.111
psAPD (4.0cm2, sq) [W/m2]		2.49
Power Drift [dB]	0.23	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.0
Dist 3dB Peak [mm]		8.2

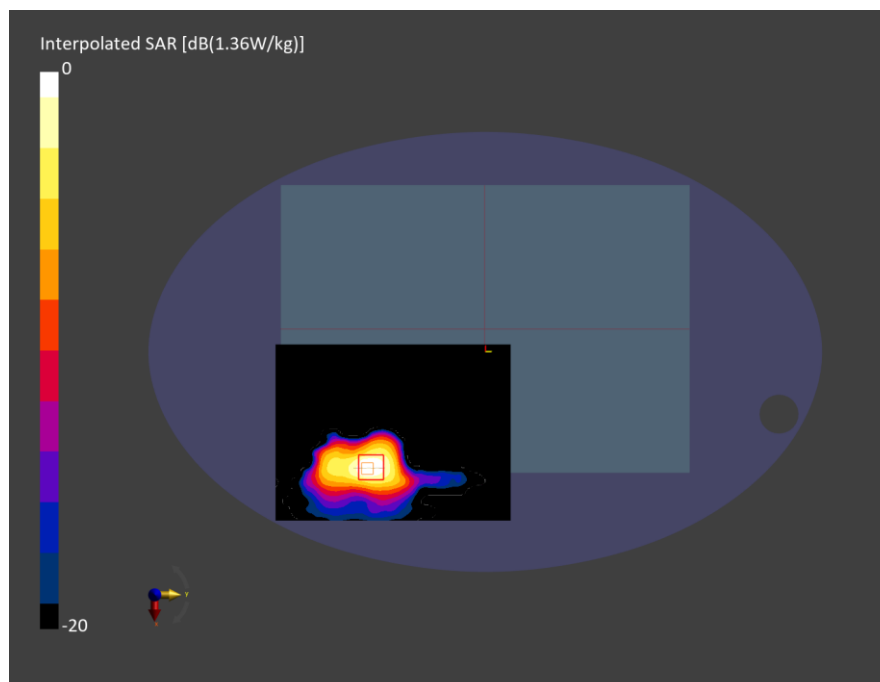


Figure C.52: APD and SAR testing results for the A3428 at 6185 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 47 (6185.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-5	WLAN, 10757-AAC	6185.0, 47	5.38	5.54	32.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-02, 18:28	2025-12-02, 18:37
psSAR1g [W/Kg]	0.356	0.414
psSAR10g [W/Kg]	0.121	0.132
psAPD (4.0cm2, sq) [W/m2]		3.01
Power Drift [dB]	0.01	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		8.0

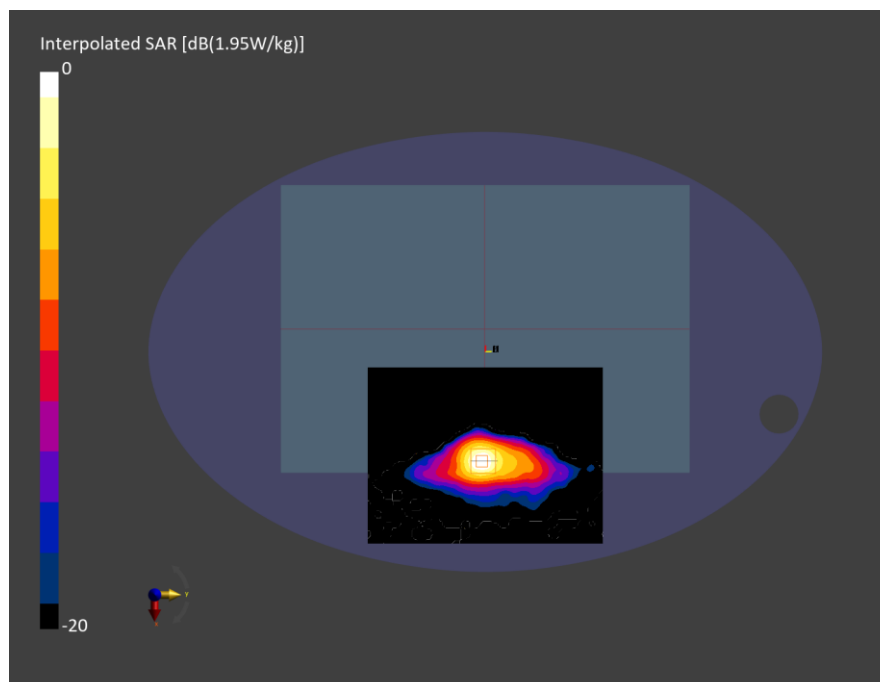


Figure C.53: APD and SAR testing results for the A3428 at 6185 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 47 (6185.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-5	WLAN, 10757-AAC	, 47	5.38	5.47	33.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 272.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	N/A	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 04:06	2025-12-04, 04:16	2025-12-04, 04:26
psSAR1g [W/kg]	0.394	0.431	0.290
psSAR10g [W/kg]	0.133	0.140	0.104
psAPD (4.0cm2, sq) [W/m2]		3.18	2.35
Power Drift [dB]	0.24	0.11	0.09
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		50.8	50.5
Dist 3dB Peak [mm]		8.2	8.2

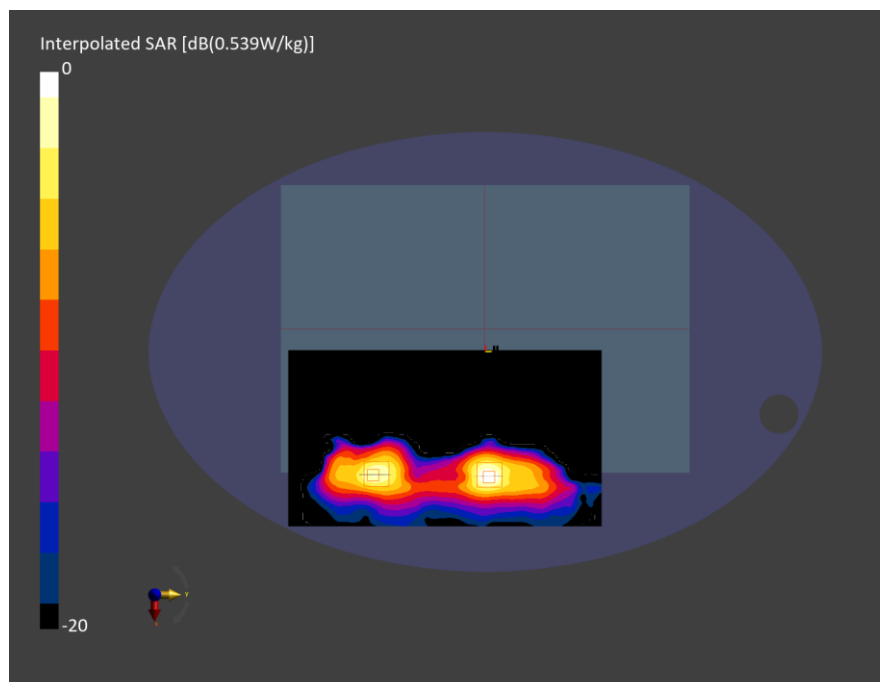


Figure C.54: APD and SAR testing results for the A3428 at 6185 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 47 (6185.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-5	WLAN, 10757-AAC	, 47	5.38	5.47	33.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 272.0	22.0 x 22.0 x 22.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	n/a	Yes	Yes
Grading Ratio	n/a	1.4	1.4
MAIA	Y	Y	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2025-12-04, 04:43	2025-12-04, 04:53	2025-12-04, 05:04
psSAR1g [W/kg]	0.278	0.305	0.199
psSAR10g [W/kg]	0.093	0.098	0.071
psAPD (4.0cm2, sq) [W/m2]		2.24	1.60
Power Drift [dB]	0.03	-0.05	0.01
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		50.2	53.9
Dist 3dB Peak [mm]		8.2	8.3

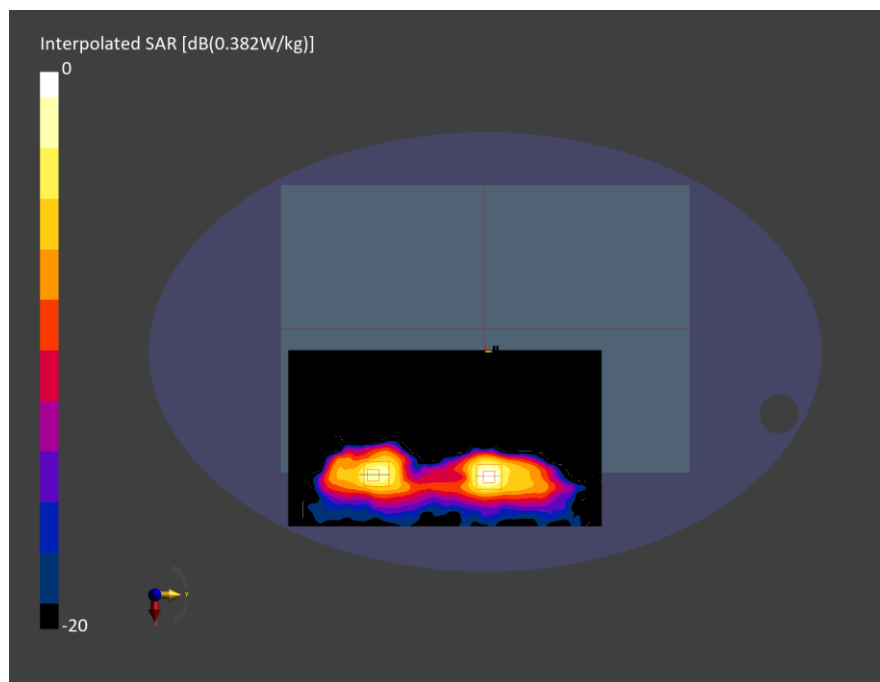


Figure C.55: APD and SAR testing results for the A3428 at 6185 MHz



Measurement Report for A3428, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle), Channel 47 (6185.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3428,	355.0 x 250.0 x 21.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-5	WLAN, 10757-AAC	6185.0, 47	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1112	Air -	EUmmWV4 - SN9609_F1-55GHz, 2025-09-03	DAE4ip Sn1786, 2025-08-11

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	35.0 x 35.0
Grid Steps [lambda]	0.04211272847496038 x 0.04211272847496038
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025-12-05, 13:48
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.29
psPDtot+ [W/m²]	5.25
psPDmod+ [W/m²]	5.68
E _{max} [V/m]	70.7
Power Drift [dB]	-0.04

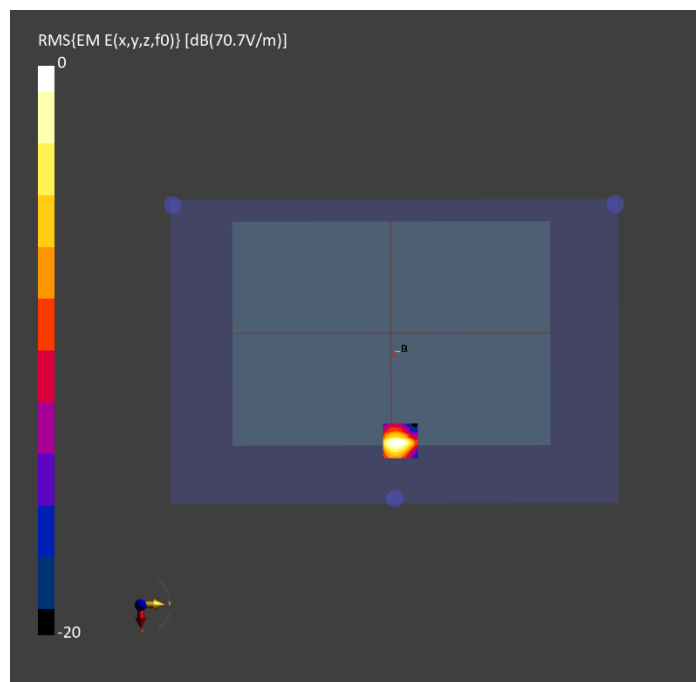


Figure C.56: iPD testing results for the A3428 at 6185 MHz



ANNEX D

System Performance Check Results



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D2450V2 - SN1026	2450.0	HSL	17.0	-3.7	-3.7	-2.6	0.6

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	2450.0, 0	7.35	1.78	39.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.10 deg.C 2025-Nov-25 SYS6 B8.prn, 2025-Nov-25	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-11-26, 19:43	2025-11-26, 19:49
psSAR1g [W/Kg]	2.55	2.54
psSAR10g [W/Kg]	1.19	1.19
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

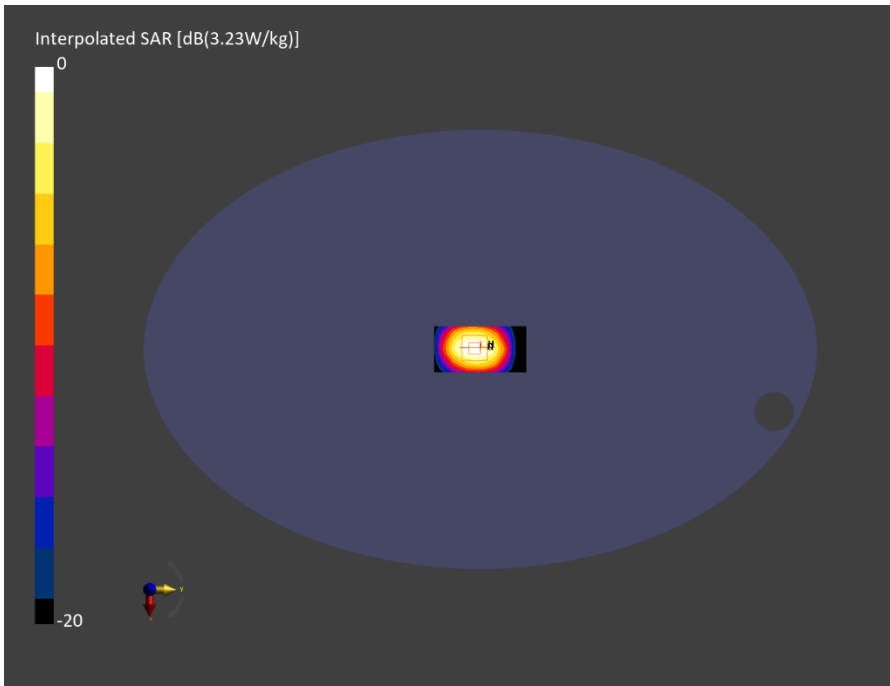


Figure D.1: SAR system performance check at 2450 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5200.0	HSL	17.0	-4.1	-3.9	-3.0	1.3

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5200.0, 0	5.29	4.39	35.6

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 20.4 deg.C 2025-Nov-26 SYS5 B7.prn, 2025-Nov-26	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-11-26, 20:39	2025-11-26, 20:47
psSAR1g [W/Kg]	3.39	3.68
psSAR10g [W/Kg]	0.995	1.06
Power Drift [dB]	-0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

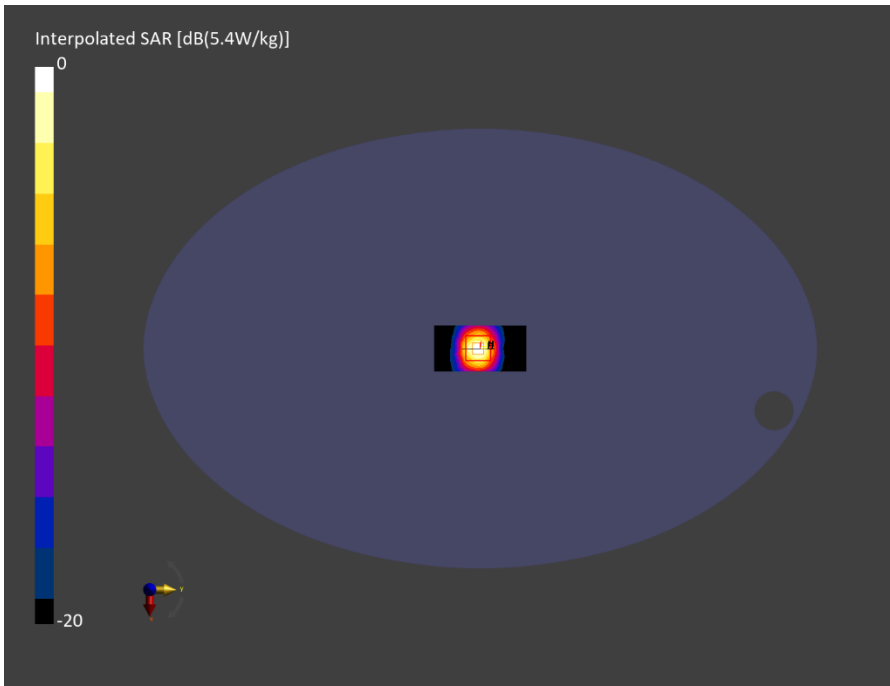


Figure D.2: SAR system performance check at 5200 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5800.0	HSL	17.0	-7.6	-8.6	2.7	1.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5800.0, 0	4.94	5.06	34.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 20.4 deg.C 2025-Nov-26 SYS5 B7.prn, 2025-Nov-26	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-11-26, 10:41	2025-11-26, 10:49
psSAR1g [W/Kg]	3.33	3.74
psSAR10g [W/Kg]	0.988	1.06
Power Drift [dB]	0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

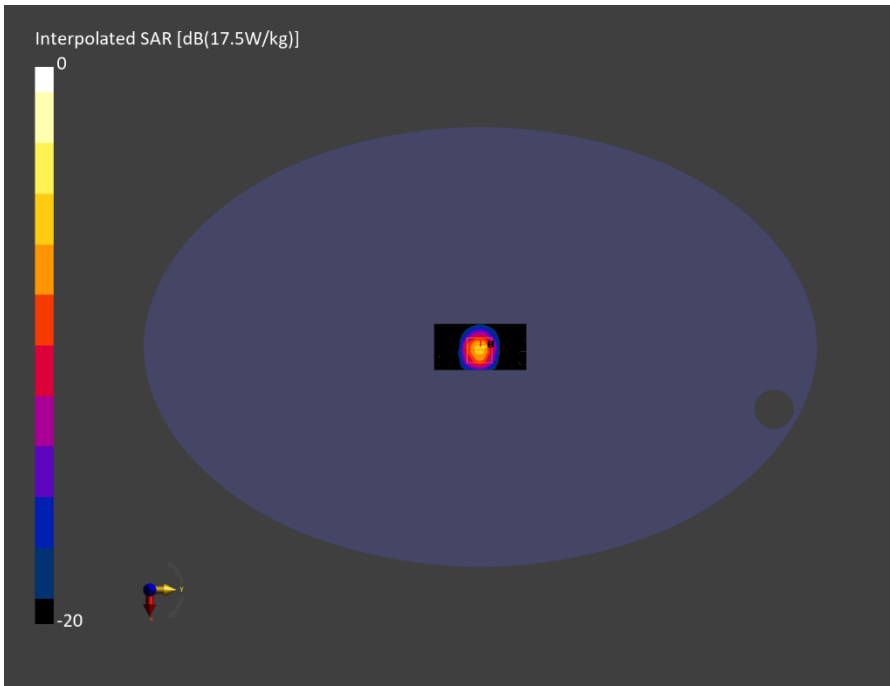


Figure D.3: SAR system performance check at 5800 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D2450V2 - SN1026	2450.0	HSL	17.0	-7.2	-5.9	-6.2	0.6

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	2450.0, 0	7.35	1.86	39.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.40 deg.C 2025-Nov-27 SYS6 B8.prn, 2025-Nov-27	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-11-27, 14:15	2025-11-27, 14:22
psSAR1g [W/Kg]	2.44	2.48
psSAR10g [W/Kg]	1.15	1.17
Power Drift [dB]	0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

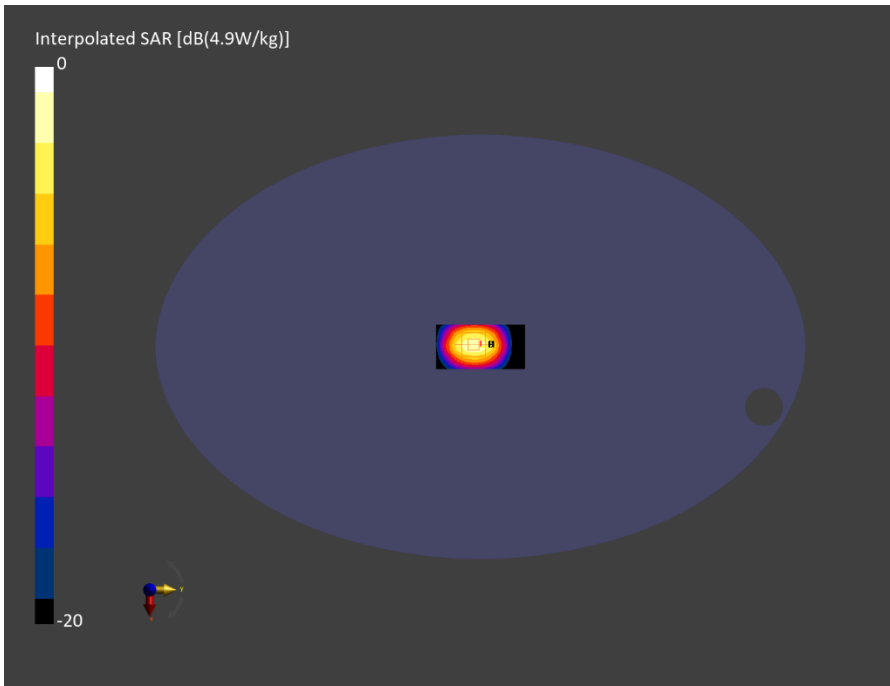


Figure D.4: SAR system performance check at 2450 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D2450V2 - SN1026	2450.0	HSL	17.0	-4.0	-3.8	-2.1	0.7

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	2450.0, 0	6.98	1.82	39.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.4 deg.C 2025-Nov-28 SYS5 B7.prn, 2025-Nov-28	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

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	2025-11-28, 08:48	2025-11-28, 08:55
psSAR1g [W/Kg]	2.57	2.53
psSAR10g [W/Kg]	1.20	1.19
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

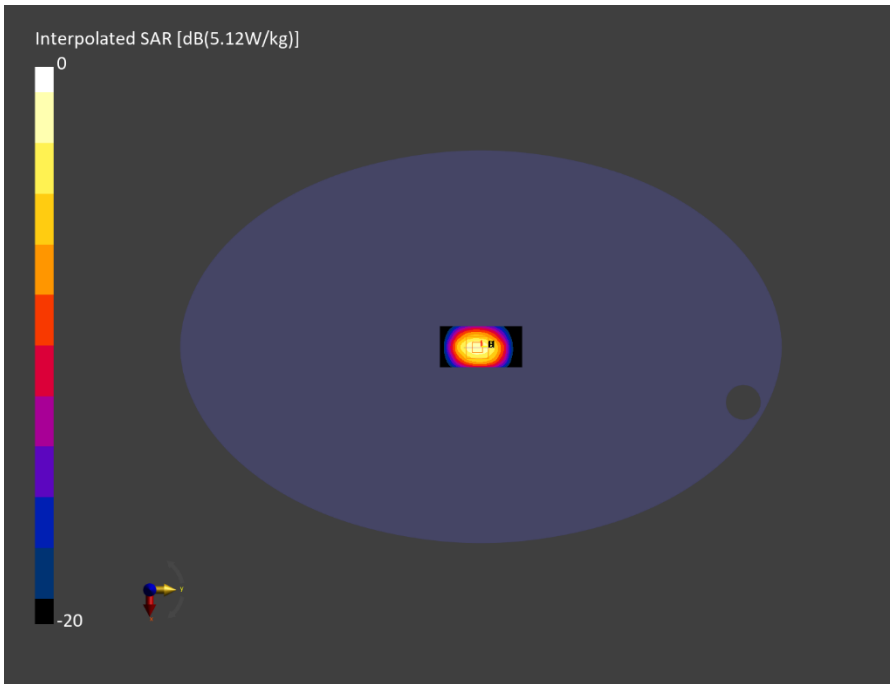


Figure D.5: SAR system performance check at 2450 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D2450V2 - SN1026	2450.0	HSL	17.0	-4.2	-3.0	-2.1	0.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	2450.0, 0	7.35	1.86	39.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.40 deg.C 2025-Nov-27 SYS6 B8.prn, 2025-Nov-27	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-11-28, 14:10	2025-11-28, 14:16
psSAR1g [W/Kg]	2.59	2.56
psSAR10g [W/Kg]	1.21	1.21
Power Drift [dB]	-0.01	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

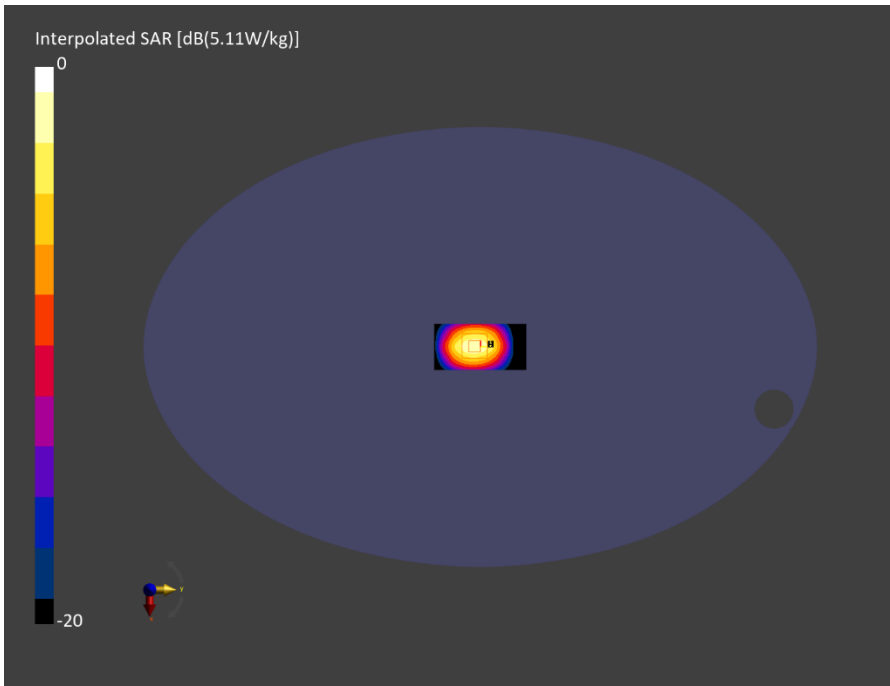


Figure D.6: SAR system performance check at 2450 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5200.0	HSL	17.0	1.7	1.5	5.2	1.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5200.0, 0	5.72	4.53	34.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.40 deg.C 2025-Nov-27 SYS6 B8.prn, 2025-Nov-27	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-11-28, 15:03	2025-11-28, 15:10
psSAR1g [W/Kg]	3.44	3.93
psSAR10g [W/Kg]	1.06	1.13
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

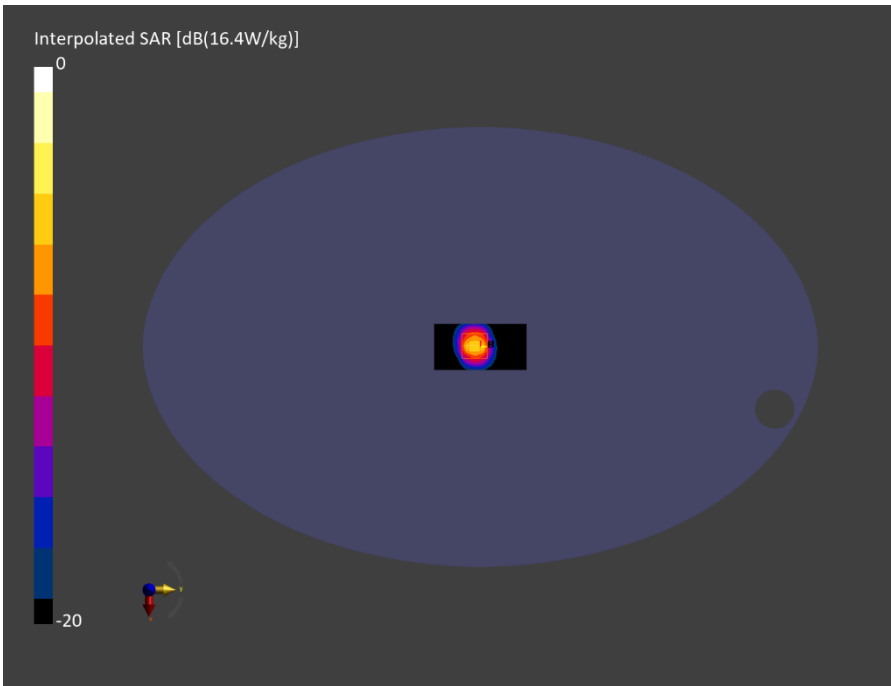


Figure D.7: SAR system performance check at 5200 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5800.0	HSL	17.0	-4.8	-6.2	5.7	1.7

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5800.0, 0	4.94	5.13	33.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.4 deg.C 2025-Nov-28 SYS5 B7.prn, 2025-Nov-28	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-11-28, 10:02	2025-11-28, 10:10
psSAR1g [W/Kg]	3.59	3.87
psSAR10g [W/Kg]	1.04	1.09
Power Drift [dB]	-0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

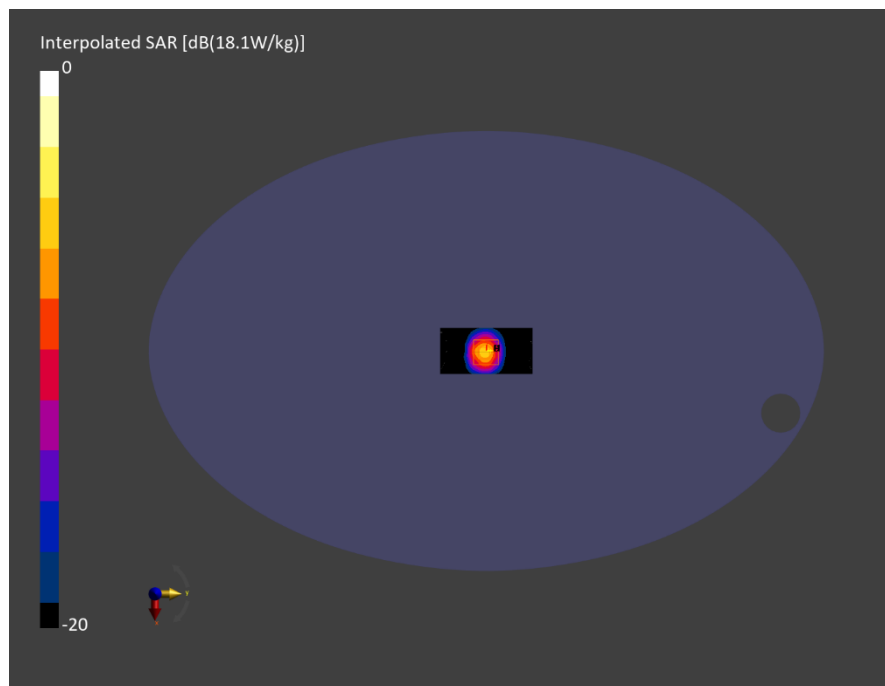


Figure D.8: SAR system performance check at 5800 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5200.0	HSL	17.0	-2.2	-3.1	-1.3	1.0

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5200.0, 0	5.29	4.47	34.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.4 deg.C 2025-Nov-28 SYS5 B7.prn, 2025-Nov-28	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-11-28, 09:05	2025-11-28, 09:12
psSAR1g [W/Kg]	3.58	3.77
psSAR10g [W/Kg]	1.03	1.07
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

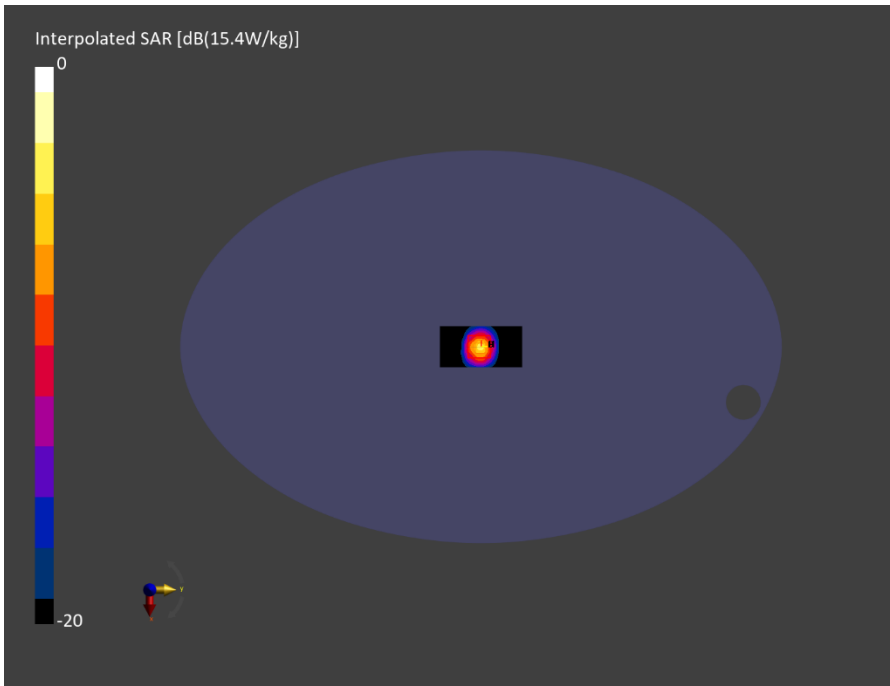


Figure D.9: SAR system performance check at 5200 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5300.0	HSL	17.0	-3.7	-6.3	3.0	1.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5300.0, 0	5.14	4.58	34.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.2 deg.C 2025-Dec-01 SYS5 B7.prn, 2025-Dec-01	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-01, 08:54	2025-12-01, 09:01
psSAR1g [W/Kg]	3.59	3.85
psSAR10g [W/Kg]	1.02	1.08
Power Drift [dB]	0.00	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

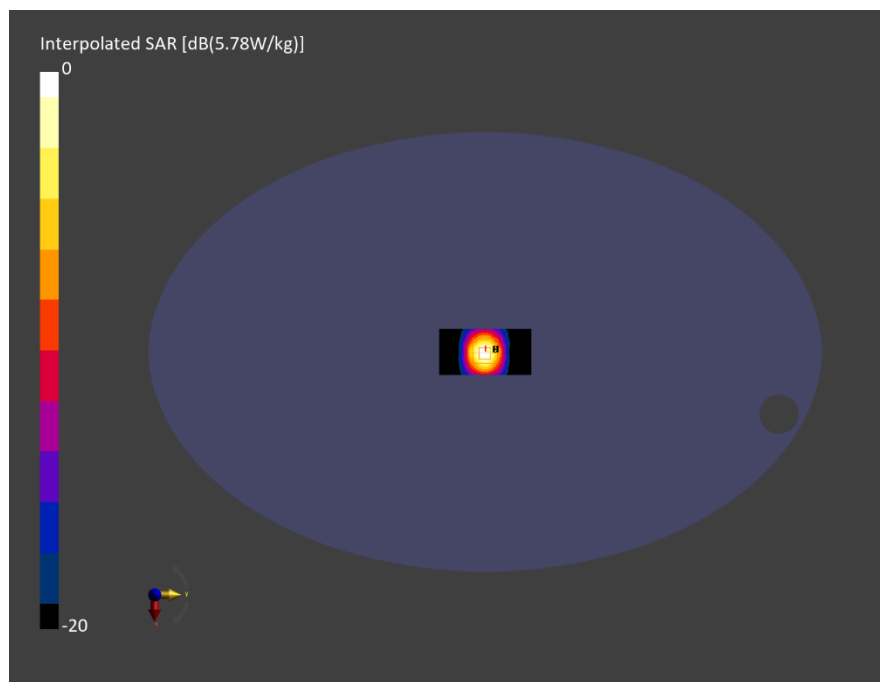


Figure D.10: SAR system performance check at 5300 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5600.0	HSL	17.0	-5.0	-7.7	5.2	1.8

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5600.000, 0	4.98	4.91	33.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.2 deg.C 2025-Dec-01 SYS5 B7.prn, 2025-Dec-01	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-01, 09:08	2025-12-01, 09:16
psSAR1g [W/Kg]	3.64	3.94
psSAR10g [W/Kg]	1.03	1.10
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

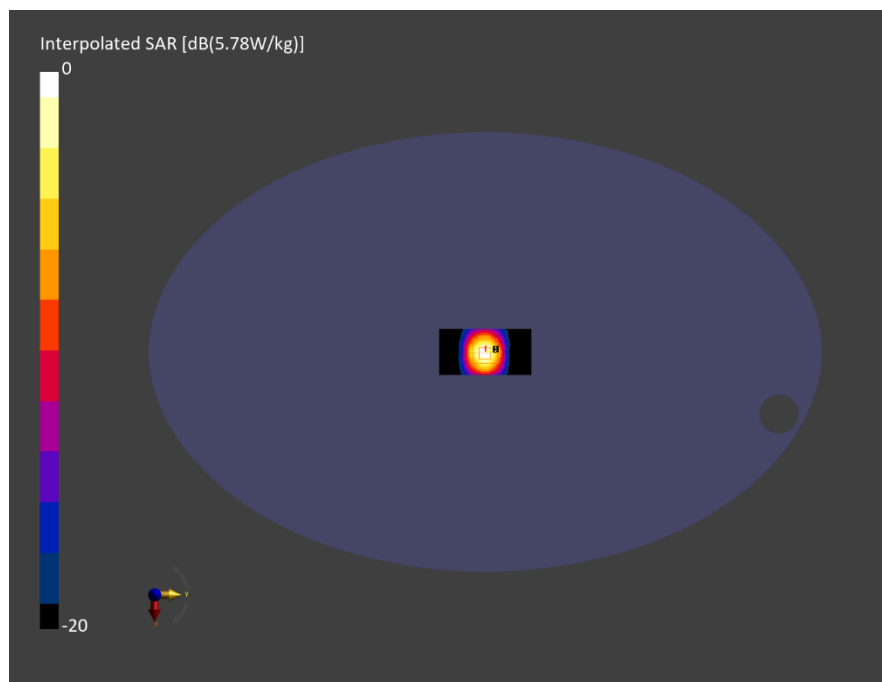


Figure D.11: SAR system performance check at 5600 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D6.5GHzV2 - SN1070	6500.0	HSL	20.0	-2.6	-2.2	-1.5	1.3

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	5		CW, 0--	6500.0, 0	5.38	5.89	31.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-12-01, 08:55	2025-12-01, 09:04
psSAR1g [W/Kg]	25.1	29.4
psSAR10g [W/Kg]	5.33	5.53
Power Drift [dB]	-0.04	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

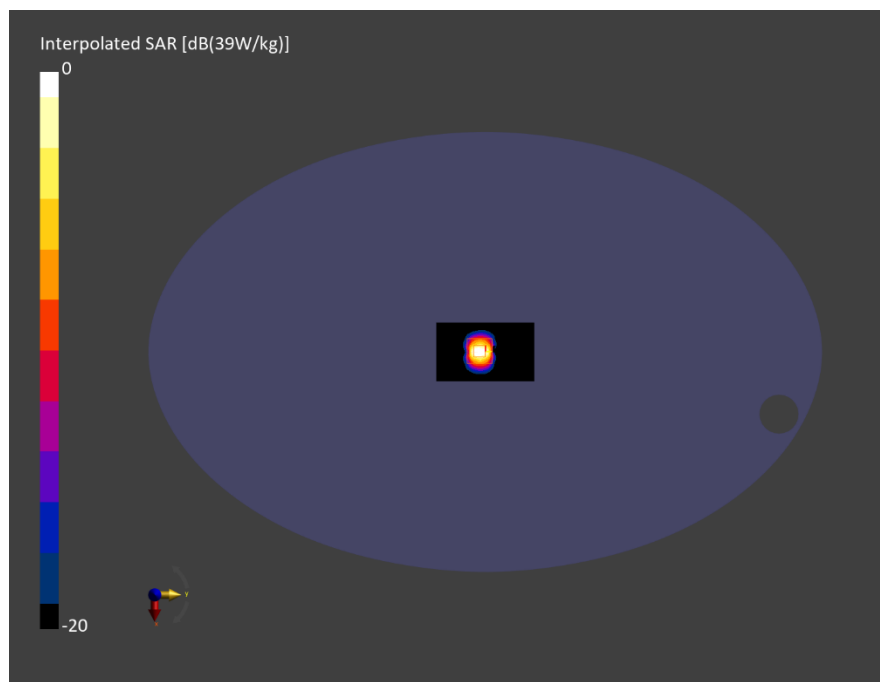


Figure D.12: SAR system performance check at 6500 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5600.0	HSL	17.0	-3.0	-4.5	5.5	1.8

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5600.0, 0	4.98	4.91	33.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.2 deg.C 2025-Dec-01 SYS5 B7.prn, 2025-Dec-01	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-02, 08:58	2025-12-02, 09:06
psSAR1g [W/Kg]	3.77	4.02
psSAR10g [W/Kg]	1.06	1.14
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

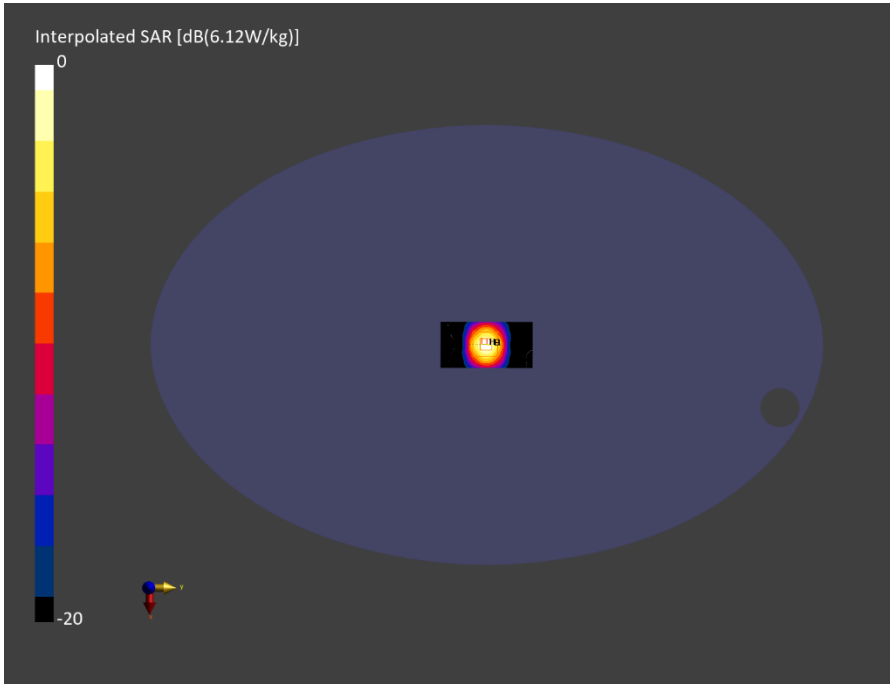


Figure D.13: SAR system performance check at 5600 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D6.5GHzV2 - SN1071	6500.0	HSL	20.0	-1.3	0.7	-3.5	3.2

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	5		CW, 0--	6500.0, 0	5.38	5.89	31.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 19.40 deg.C 2025-Dec-01 SYS6 B8.prn, 2025-Dec-01	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-12-02, 08:32	2025-12-02, 08:41
psSAR1g [W/Kg]	26.3	30.1
psSAR10g [W/Kg]	5.37	5.65
Power Drift [dB]	0.05	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

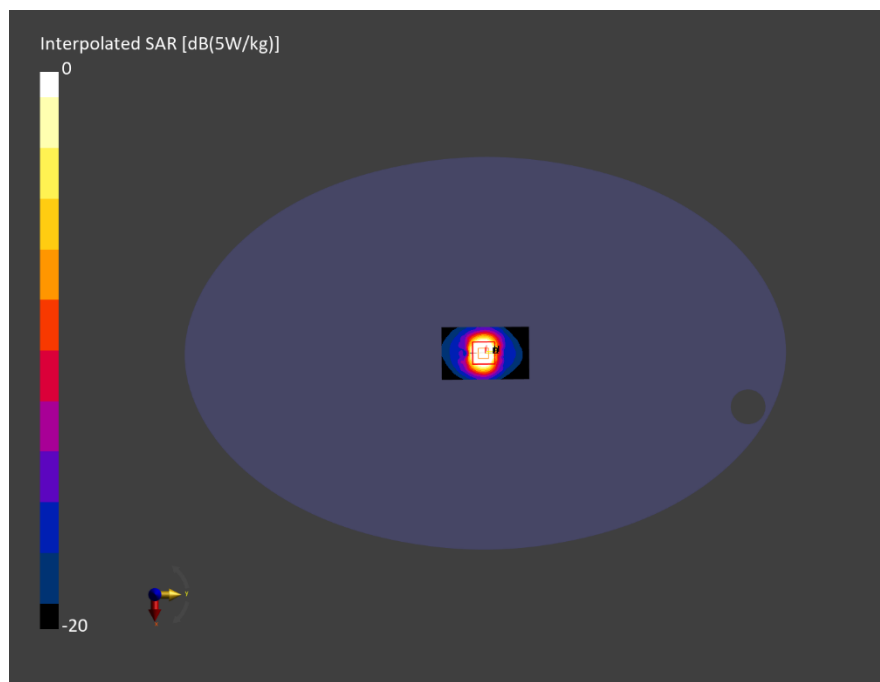


Figure D.14: SAR system performance check at 6500 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5600.0	HSL	17.0	-4.2	-4.8	3.3	1.6

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5600.0, 0	4.98	4.89	36.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.7 deg.C 2025-Dec-03 SYS5 B7.prn, 2025-Dec-03	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-03, 13:16	2025-12-03, 13:24
psSAR1g [W/Kg]	3.63	3.93
psSAR10g [W/Kg]	1.04	1.12
Power Drift [dB]	-0.01	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

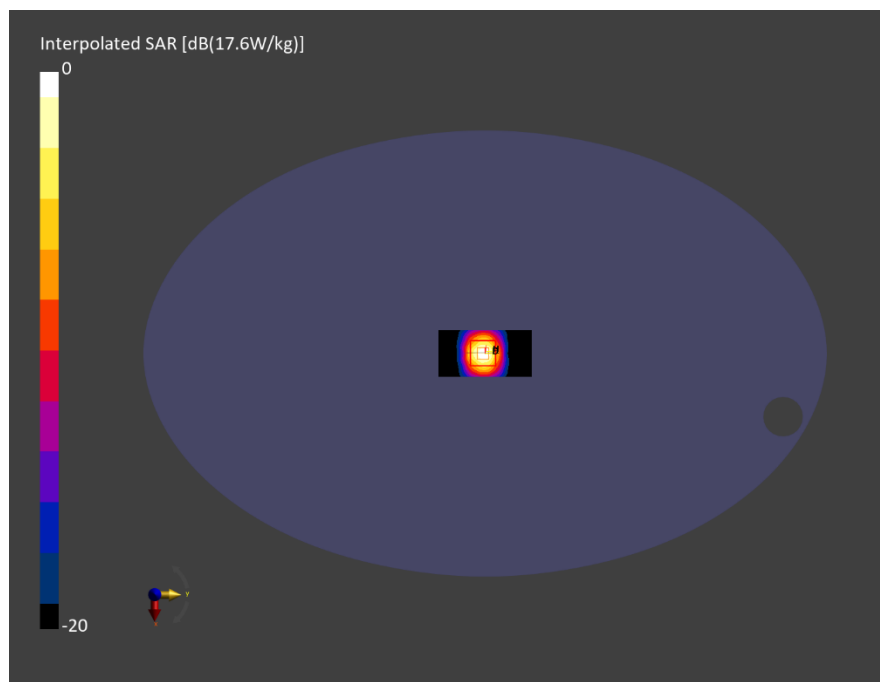


Figure D.15: SAR system performance check at 5600 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D6.5GHzV2 - SN1070	6500.0	HSL	20.0	-4.4	-2.8	-7.8	1.8

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	5		CW, 0--	6500.0, 0	5.38	5.83	33.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-12-03, 09:01	2025-12-03, 09:10
psSAR1g [W/Kg]	24.3	28.6
psSAR10g [W/Kg]	5.18	5.43
Power Drift [dB]	0.02	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

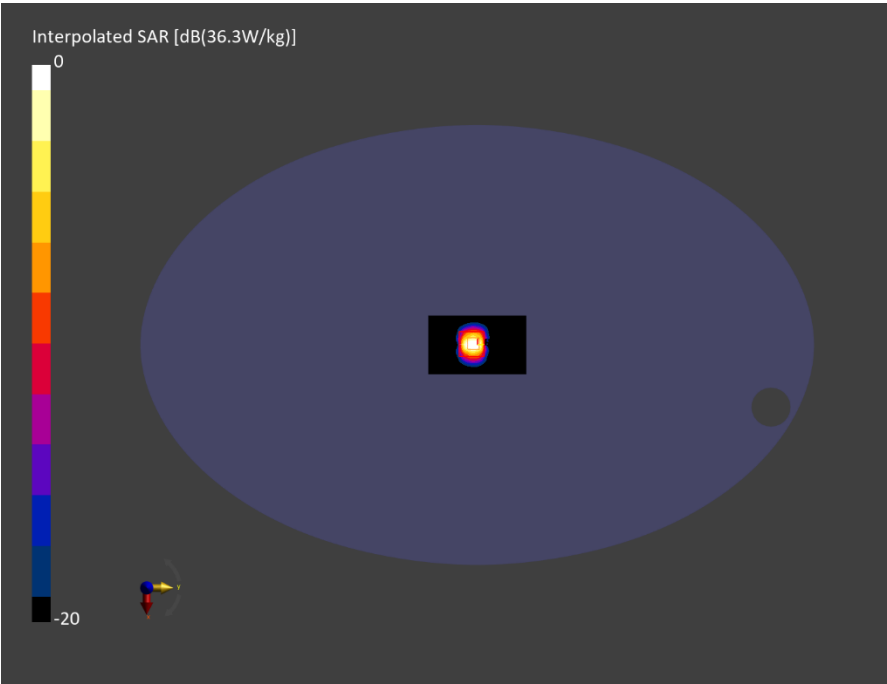


Figure D.16: SAR system performance check at 6500 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5300.0	HSL	17.0	-4.3	-5.0	-1.0	1.3

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5300.0, 0	5.14	4.56	36.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.7 deg.C 2025-Dec-03 SYS5 B7.prn, 2025-Dec-03	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-04, 08:53	2025-12-04, 09:01
psSAR1g [W/Kg]	3.53	3.79
psSAR10g [W/Kg]	1.01	1.08
Power Drift [dB]	-0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

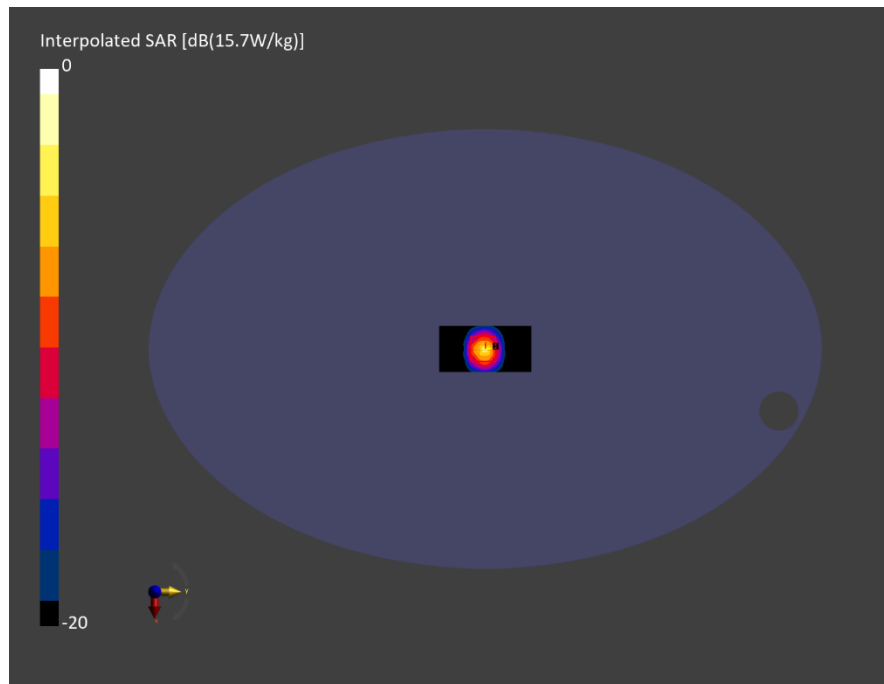


Figure D.17: SAR system performance check at 5300 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5600.0	HSL	17.0	-7.2	-8.2	-0.8	1.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5600.0, 0	4.98	4.89	36.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.7 deg.C 2025-Dec-03 SYS5 B7.prn, 2025-Dec-03	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-04, 09:05	2025-12-04, 09:13
psSAR1g [W/Kg]	3.53	3.81
psSAR10g [W/Kg]	1.01	1.08
Power Drift [dB]	-0.01	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

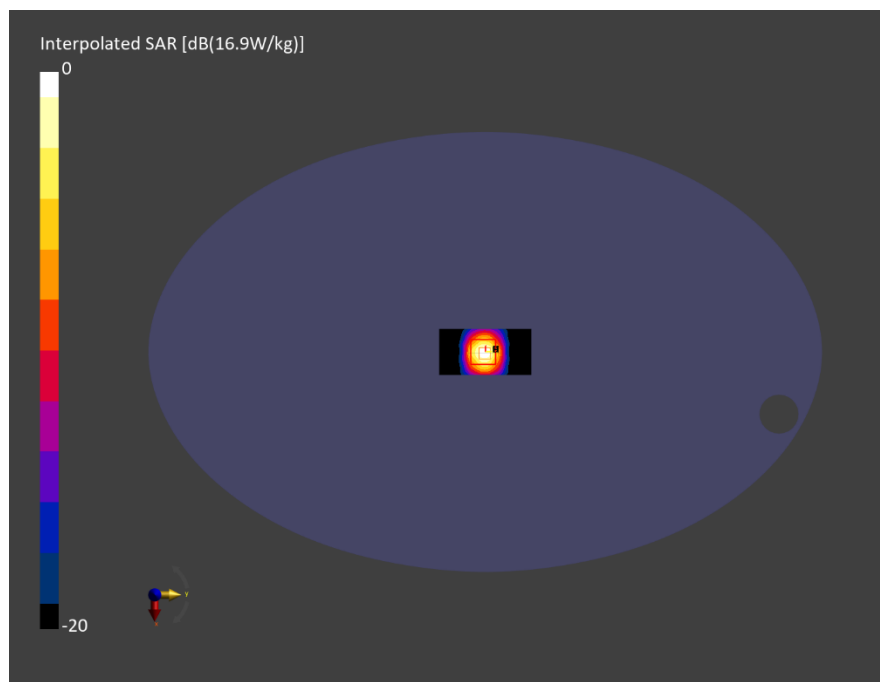


Figure D.18: SAR system performance check at 5600 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D6.5GHzV2 - SN1070	6500.0	HSL	20.0	-8.1	-7.6	-11.2	3.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	5		CW, 0--	6500.0, 0	5.38	5.83	33.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 22.0 deg.C 2025-Dec-03 SYS6 B8.prn, 2025-Dec-03	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-12-04, 08:54	2025-12-04, 09:04
psSAR1g [W/Kg]	23.3	27.5
psSAR10g [W/Kg]	4.94	5.16
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

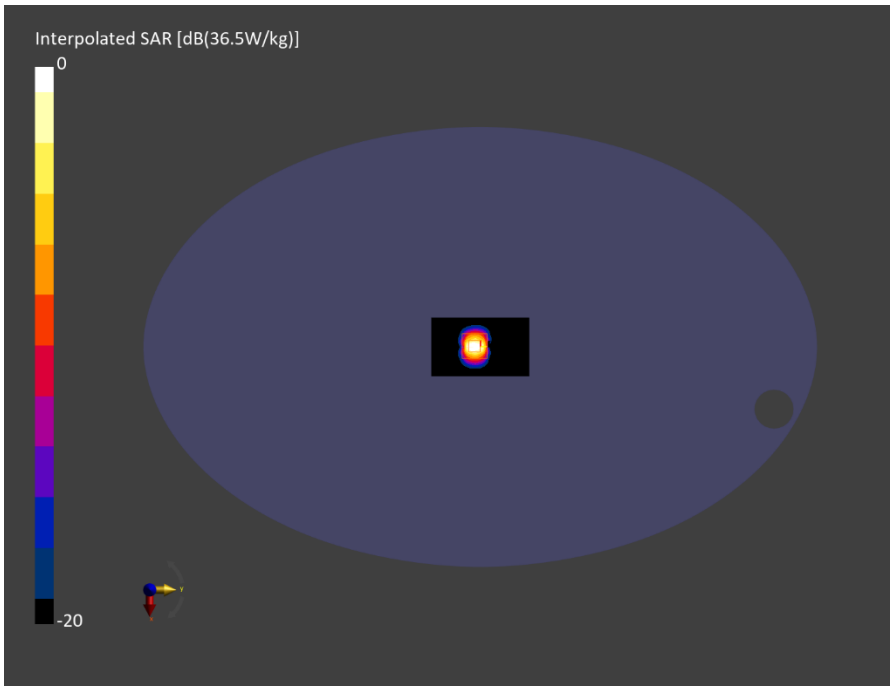


Figure D.19: SAR system performance check at 6500 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D6.5GHzV2 - SN1070	6500.0	HSL	20.0	-1.2	-0.5	-4.0	1.7

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	5		CW, 0--	6500.0, 0	5.38	5.85	31.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 21.4 deg.C 2025-Dec-05 SYS6 B8.prn, 2025-Dec-05	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-12-05, 09:03	2025-12-05, 09:15
psSAR1g [W/Kg]	21.6	29.8
psSAR10g [W/Kg]	5.14	5.62
Power Drift [dB]	0.04	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

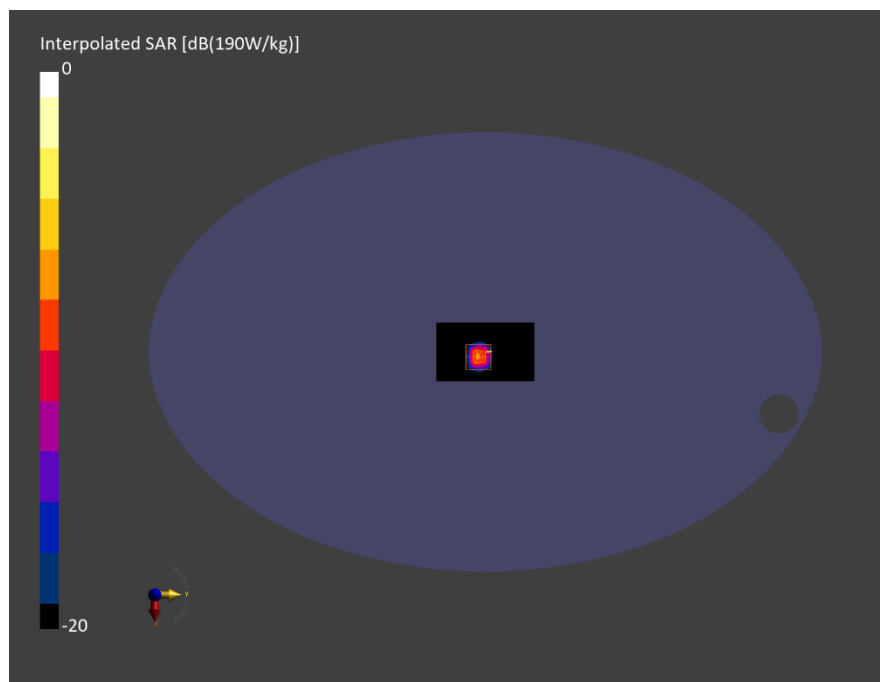


Figure D.20: SAR system performance check at 6500 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5300.0	HSL	17.0	-2.3	-4.1	2.3	1.8

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5300.0, 0	5.14	4.62	34.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.6 deg.C 2025-Dec-08 SYS5 B7.prn, 2025-Dec-08	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-08, 09:10	2025-12-08, 09:18
psSAR1g [W/Kg]	3.72	3.90
psSAR10g [W/Kg]	1.06	1.10
Power Drift [dB]	-0.00	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

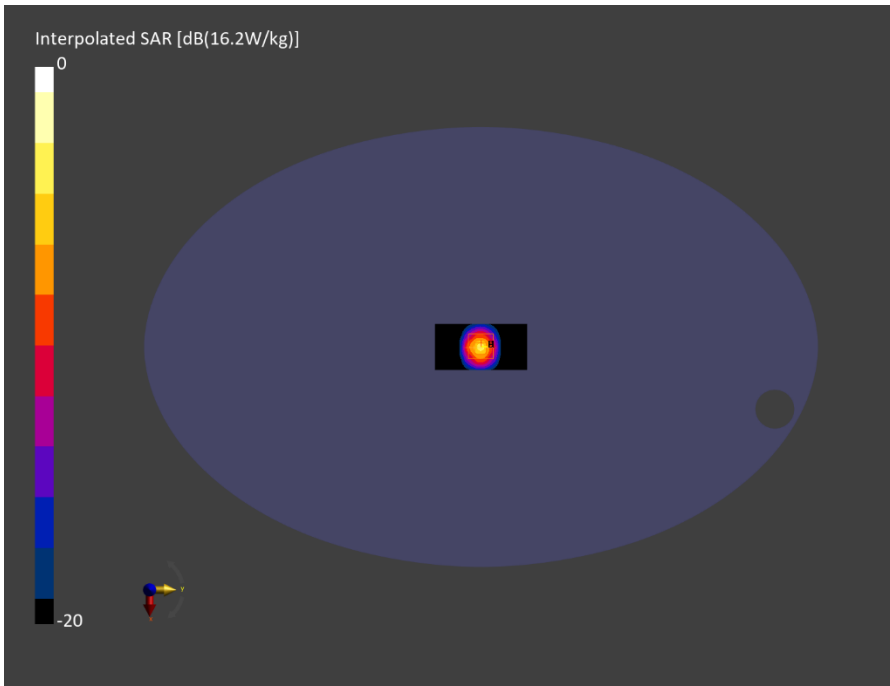


Figure D.21: SAR system performance check at 5300 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5800.0	HSL	17.0	-6.1	-7.0	3.5	-2.1

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5800.0, 0	4.94	5.20	33.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 19.6 deg.C 2025-Dec-08 SYS5 B7.prn, 2025-Dec-08	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-08, 09:56	2025-12-08, 10:03
psSAR1g [W/Kg]	3.62	3.82
psSAR10g [W/Kg]	1.03	1.08
Power Drift [dB]	0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

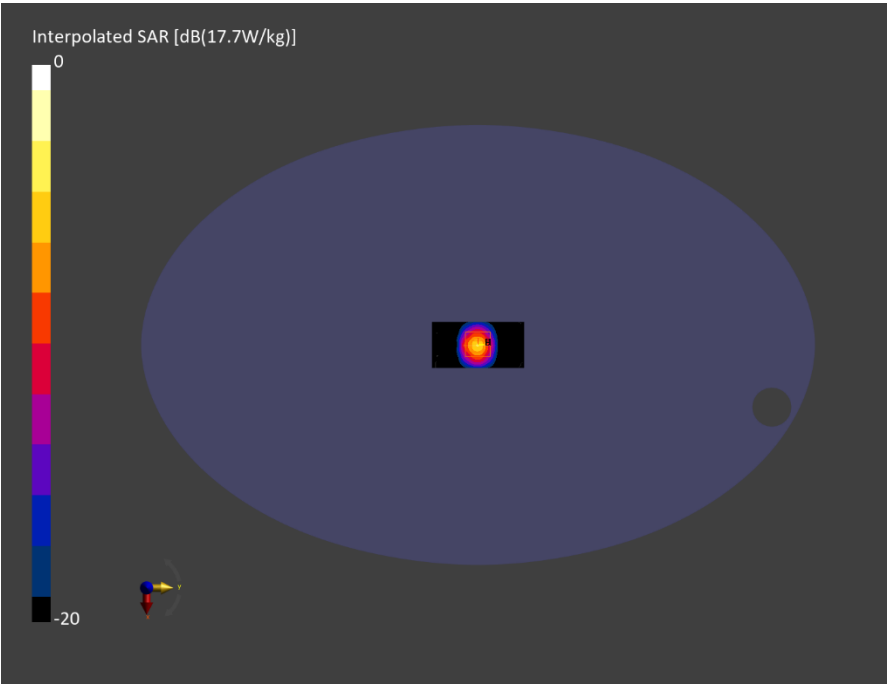


Figure D.22: SAR system performance check at 5800 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D5GHzV2 - SN1291	5600.0	HSL	17.0	-4.5	-6.1	2.5	1.9

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	5600.0, 0	4.98	4.84	35.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head ELI 21.8 deg.C 2025-Dec-12 SYS5 B7.prn, 2025-Dec-12	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
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	2025-12-12, 09:46	2025-12-12, 09:54
psSAR1g [W/Kg]	3.65	3.93
psSAR10g [W/Kg]	1.04	1.11
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

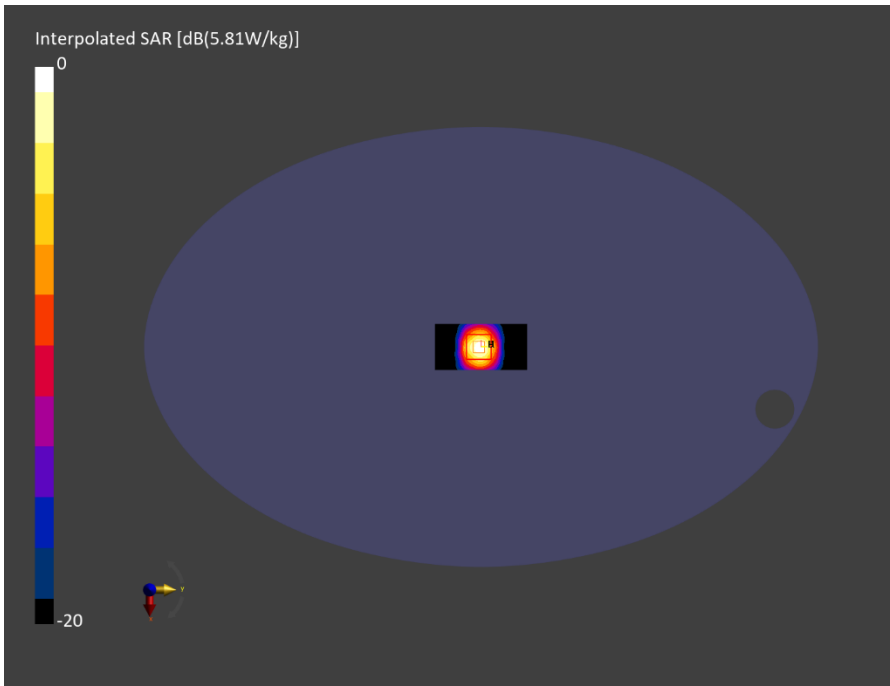


Figure D.23: SAR system performance check at 5600 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D6.5GHzV2 - SN1070	6500.0	HSL	20.0	1.7	3.6	0.9	1.3

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	5		CW, 0--	6500.0, 0	5.38	5.89	32.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2203	HBBL-600-10000 DAK 3.5 Head ELI 20.6 deg.C 2025-Dec-15 SYS6 B8.prn, 2025-Dec-15	EX3DV4 - SN7809, 2025-05-19	DAE4ip Sn1789, 2025-05-12

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	2025-12-16, 09:41	2025-12-16, 09:51
psSAR1g [W/Kg]	25.9	30.6
psSAR10g [W/Kg]	5.52	5.78
Power Drift [dB]	0.04	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

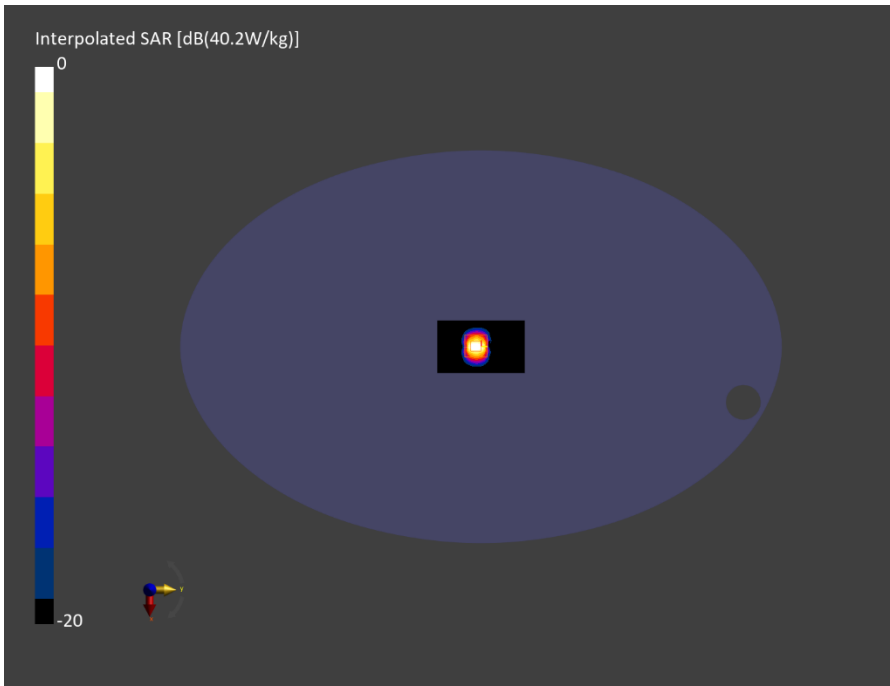


Figure D.24: SAR system performance check at 6500 MHz



Measurement Report for Patch antenna 6.5 GHz, BACK, Custom Band, CW, Channel 6500000 (6500.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Patch antenna 6.5 GHz,	100.0 x 100.0 x 100.0		Patch Antenna

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	Custom Band	CW, 0--	6500.0, 6500000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1112	Air -	EUmmWV4 - SN9609_F1-55GHz, 2025-09-03	DAE4ip Sn1786, 2025-08-11

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	40.0 x 30.0
Grid Steps [lambda]	0.044257515778050524 x 0.044257515778050524
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-12-05, 11:20
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	109
psPDtot+ [W/m²]	134
psPDmod+ [W/m²]	180
E _{max} [V/m]	401
Power Drift [dB]	-0.01

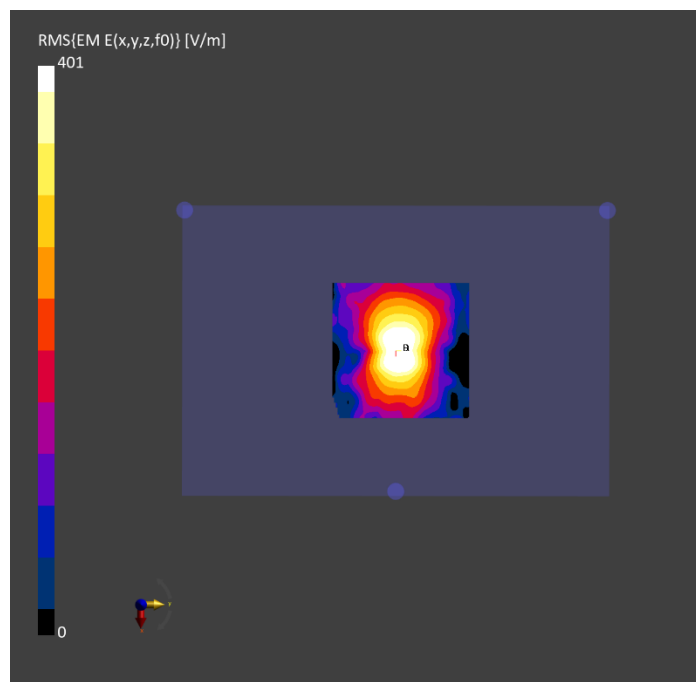


Figure D.25: iPD system performance check at 6500 MHz



Measurement Report for Patch antenna 6.5 GHz, BACK, Custom Band, CW, Channel 6500000 (6500.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Patch antenna 6.5 GHz,	100.0 x 100.0 x 100.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	Custom Band	CW, 0--	6500.0, 6500000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1112	Air -	EUmmWV4 - SN9609_F1-55GHz, 2025-09-03	DAE4ip Sn1786, 2025-08-11

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 35.0
Grid Steps [lambda]	0.044257515778050524 x 0.044257515778050524
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-12-08, 17:29
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	104
psPDtot+ [W/m²]	135
psPDmod+ [W/m²]	179
E _{max} [V/m]	399
Power Drift [dB]	-0.05

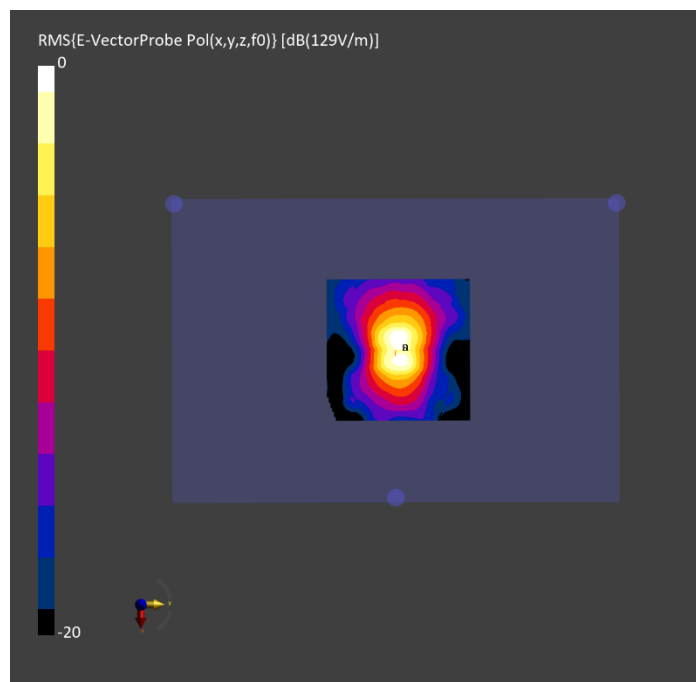


Figure D.26: iPD system performance check at 6500 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D2450V2 - SN1026	2450.0	HSL	17.0	-5.7	-4.6	-6.4	-0.8

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	7.24	1.82	39.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2102	HBBL-600-10000 DAK 3.5 Head ELI 19.90 deg.C 2026-Jan-07 SYS3 B5.prn, 2026-01-07	EX3DV4 - SN7804, 2025-08-15	DAE4ip Sn1786, 2025-08-11

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	2026-01-08, 23:29	2026-01-08, 23:36
psSAR1g [W/Kg]	2.43	2.50
psSAR10g [W/Kg]	1.19	1.18
Power Drift [dB]	-0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

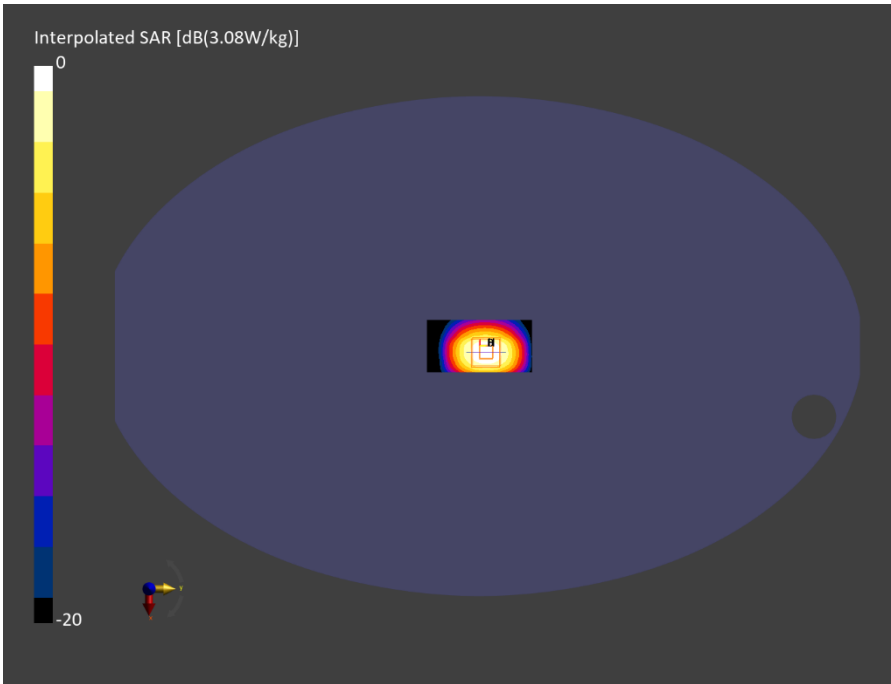


Figure D.27: SAR system performance check at 2450 MHz



System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]	Dev. Peak [%]	Iso. Error [%]
D2450V2 - SN1026	2450.0	HSL	17.0	-8.4	-7.8	-6.9	-0.7

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		CW, 0--	2450.0, 0	6.98	1.83	38.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2202	HBBL-600-10000 DAK 3.5 Head 19.7 deg.C 2026-Jan-21 SYS5 B7.prm, 2026-Jan-21	EX3DV4 - SN7805, 2025-02-07	DAE4ip Sn1785, 2025-02-05

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	2026-01-21, 13:09	2026-01-21, 13:15
psSAR1g [W/Kg]	2.44	2.44
psSAR10g [W/Kg]	1.14	1.15
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only

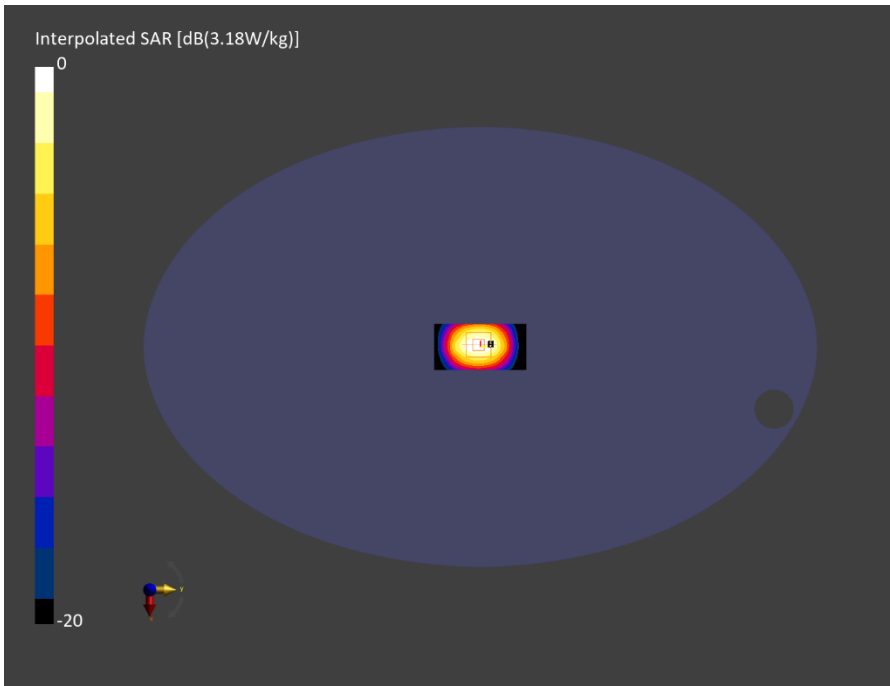


Figure D.28: SAR system performance check at 2450 MHz