TUV SUD Limited
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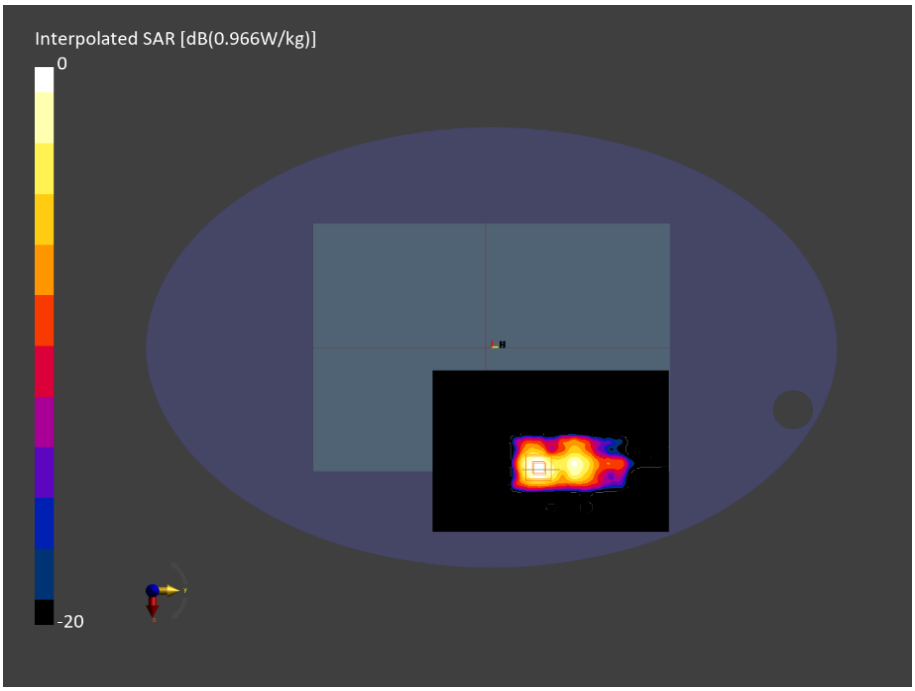

Figure C.06: SAR testing results for the A3240 at 5850 MHz Core 1

Measurement Report for A3240, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5200000 (5200.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 10032-CAA	5200.000, 5200000	5.18	4.41	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 21.23 deg.C 2024-Oct-30 SYS5 B5, 2024-10-30	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-31, 07:30	2024-10-31, 07:38
psSAR1g [W/Kg]	0.141	0.151
psSAR10g [W/Kg]	0.056	0.049
Power Drift [dB]	-0.23	0.24
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		58.9
Dist 3dB Peak [mm]		9.9

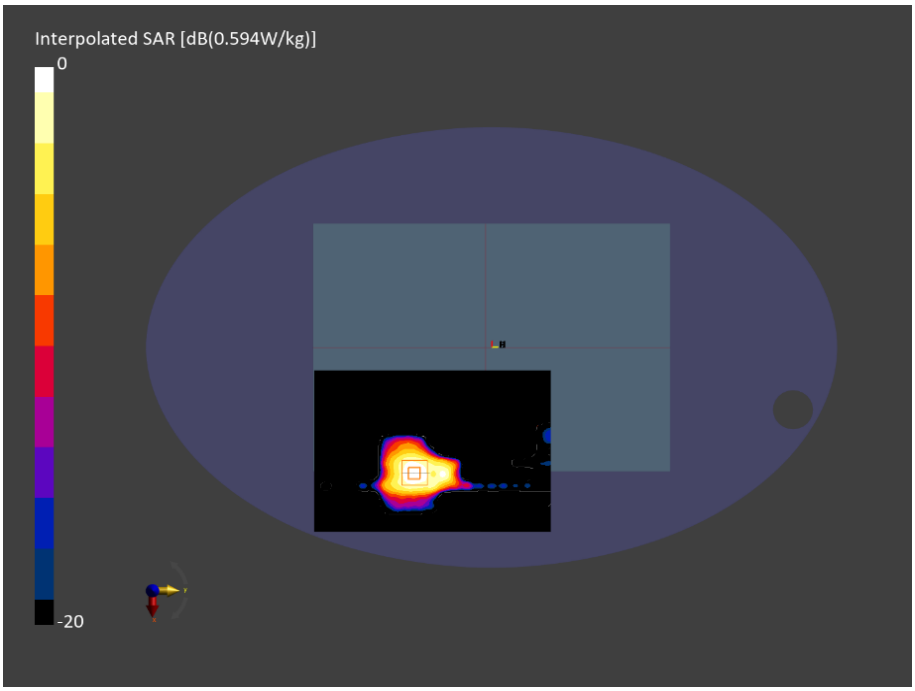

Figure C.07: SAR testing results for the A3240 at 5200 MHz Core 0

Measurement Report for BB2403, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5150000 (5150.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BB2403,	340.0 x 240.0 x 15.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 10032-CAA	5150.000, 5150000	5.18	4.36	35.0

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 21.23 deg.C 2024-Oct-30 SYS5 B5, 2024-10-30	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-31, 10:03	2024-10-31, 10:12
psSAR1g [W/Kg]	0.153	0.152
psSAR10g [W/Kg]	0.061	0.053
Power Drift [dB]	0.15	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		62.0
Dist 3dB Peak [mm]		7.2

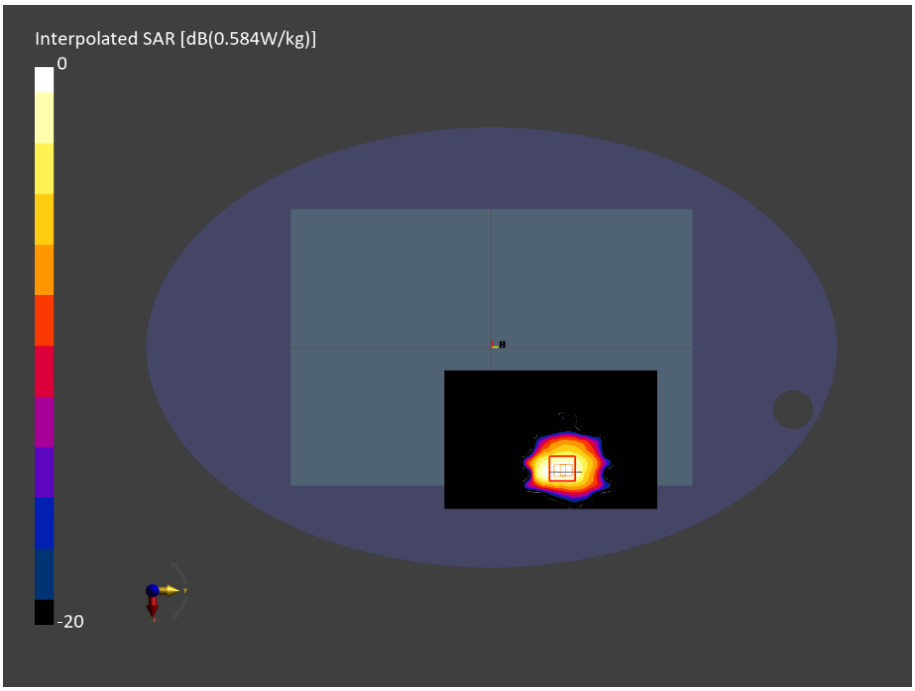

Figure C.08: SAR testing results for the A3240 at 5150 MHz Core 1

Measurement Report for A3240, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5850000 (5850.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 10032-CAA	5850.000, 5850000	4.63	5.12	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 21.23 deg.C 2024-Oct-30 SYS5 B5, 2024-10-30	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-31, 11:40	2024-10-31, 11:51
psSAR1g [W/Kg]	0.134	0.145
psSAR10g [W/Kg]	0.044	0.038
Power Drift [dB]	0.22	0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		7.2

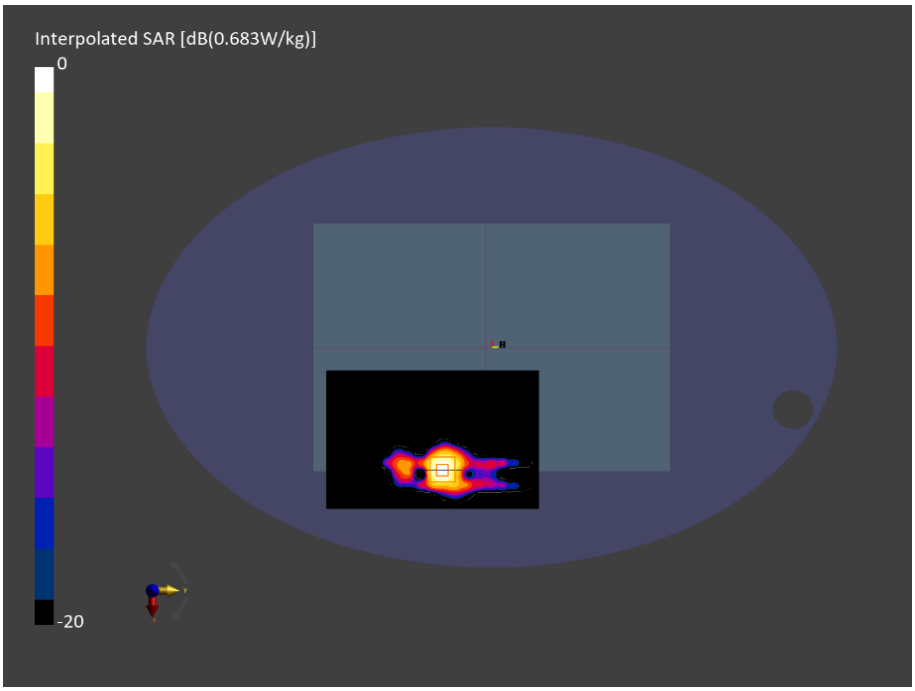

Figure C.09: SAR testing results for the A3240 at 5850 MHz Core 0

Measurement Report for A3240, BACK, Custom Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 5788000 (5788.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 10032-CAA	5788.000, 5788000	4.63	5.05	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 21.23 deg.C 2024-Oct-30 SYS5 B5, 2024-10-30	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-31, 12:18	2024-10-31, 12:27
psSAR1g [W/Kg]	0.054	0.048
psSAR10g [W/Kg]	0.018	0.009
Power Drift [dB]	-2.47	1.45
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		8.0

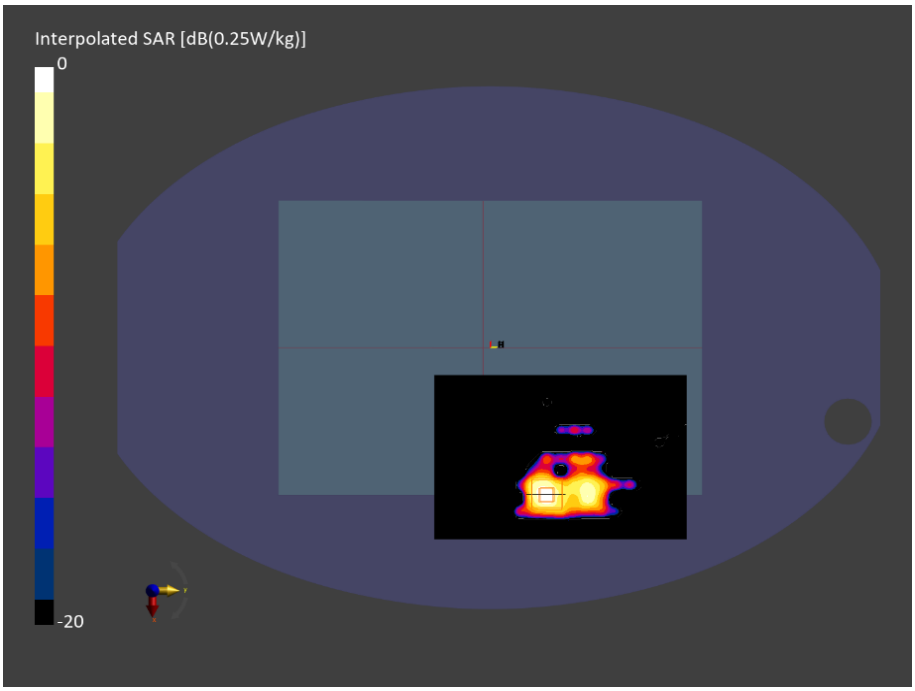

Figure C.10: SAR testing results for the A3240 at 5788 MHz Core 1

Measurement Report for A3240, BACK, Custom Band, CW, Channel 2405000 (2405.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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	Custom Band	CW, 0--	2405.0, 2405000	7.41	1.78	40.6

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 20.92 deg.C 2024-Oct-30 SYS6 B6.prn, 2024-Oct-30	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-10-31, 01:51	2024-10-31, 01:59
psSAR1g [W/Kg]	0.773	0.825
psSAR10g [W/Kg]	0.344	0.341
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		72.1
Dist 3dB Peak [mm]		6.8

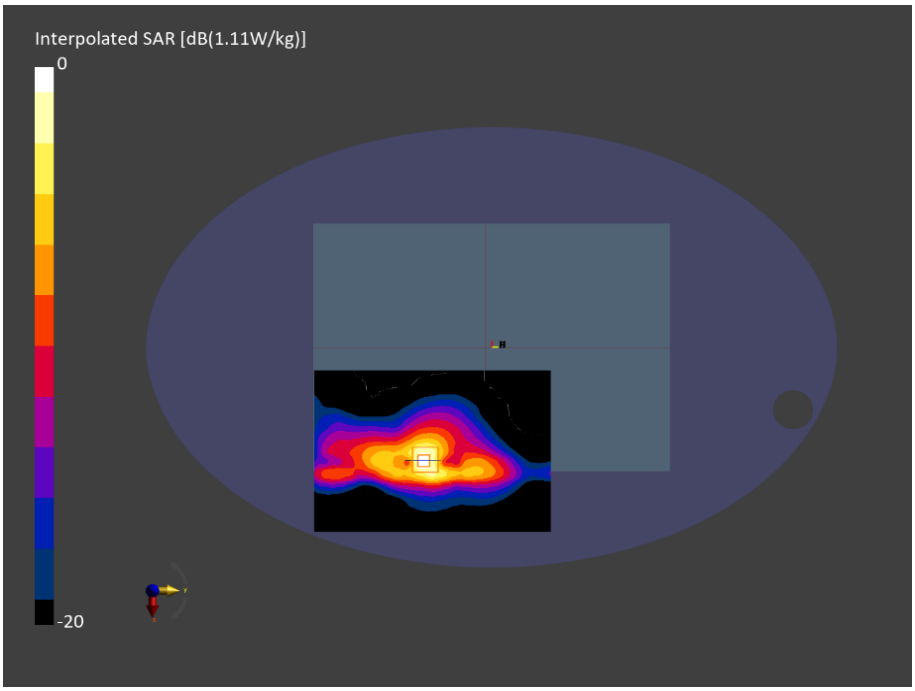

Figure C.11: SAR testing results for the A3240 at 2405 MHz Core 0

Measurement Report for A3240, BACK, Custom Band, CW, Channel 2440000 (2440.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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	Custom Band	CW, 0--	2440.0, 2440000	7.41	1.81	40.5

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 20.92 deg.C 2024-Oct-30 SYS6 B6.prn, 2024-Oct-30	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-10-31, 02:26	2024-10-31, 02:34
psSAR1g [W/Kg]	0.636	0.692
psSAR10g [W/Kg]	0.300	0.293
Power Drift [dB]	-0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		72.4
Dist 3dB Peak [mm]		6.5

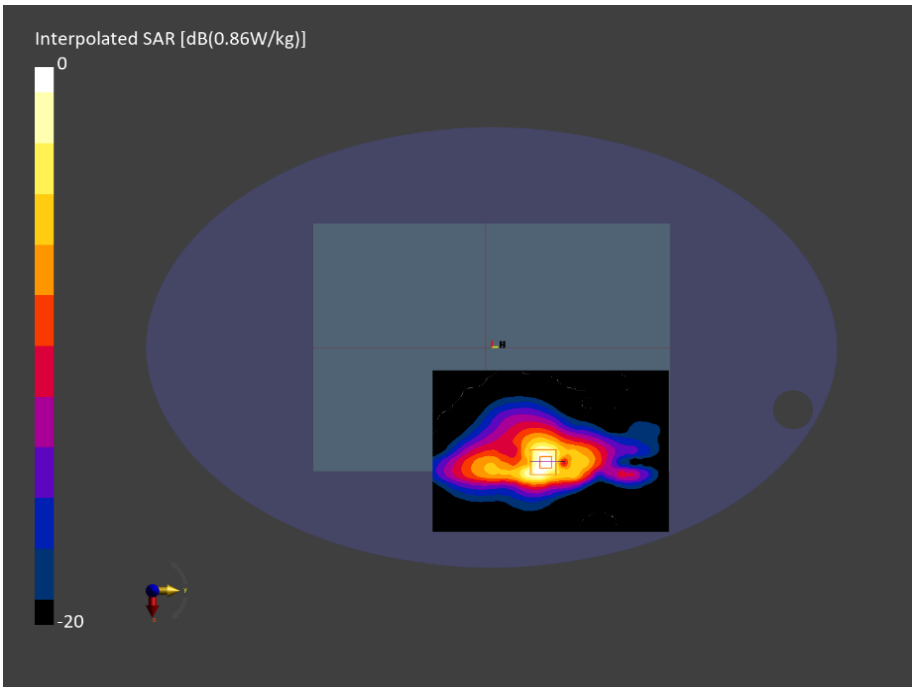

Figure C.12: SAR testing results for the A3240 at 2440 MHz Core 1

Measurement Report for A3240, BACK, Custom Band, CW, Channel 2405000 (2405.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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	Custom Band	CW, 0--	2405.0, 2405000	7.41	1.78	40.6

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 20.92 deg.C 2024-Oct-30 SYS6 B6.prn, 2024-Oct-30	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-10-31, 03:22	2024-10-31, 03:30
psSAR1g [W/Kg]	0.247	0.263
psSAR10g [W/Kg]	0.109	0.109
Power Drift [dB]	0.02	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		71.8
Dist 3dB Peak [mm]		7.0

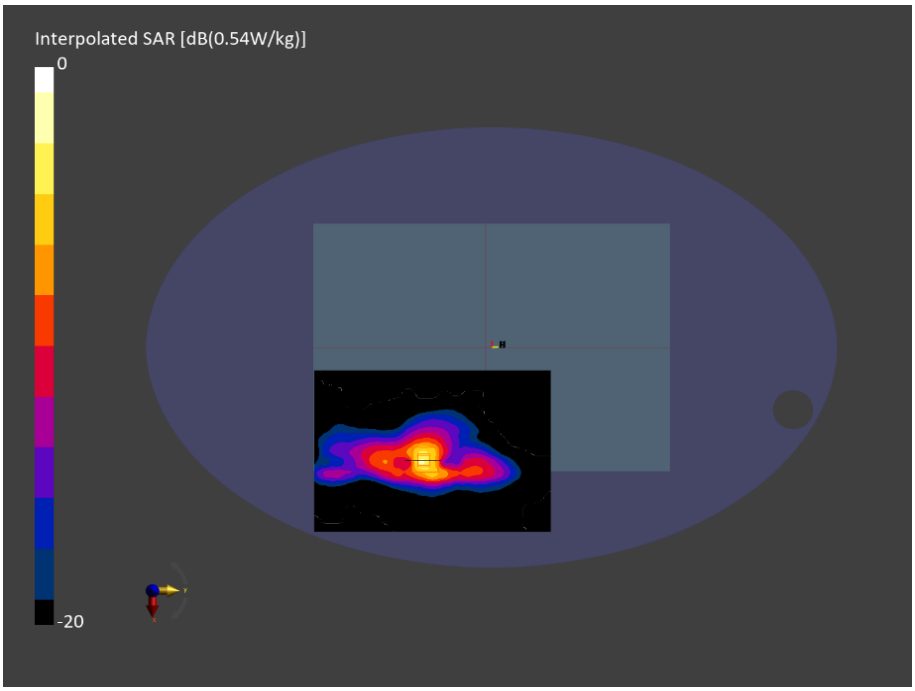

Figure C.13: SAR testing results for the A3240 at 2405 MHz Core 0

Measurement Report for A3240, BACK, Custom Band, CW, Channel 2480000 (2480.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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	Custom Band	CW, 0--	2480.0, 2480000	7.41	1.84	40.5

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 20.92 deg.C 2024-Oct-30 SYS6 B6.prn, 2024-Oct-30	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-10-31, 04:48	2024-10-31, 04:55
psSAR1g [W/Kg]	0.230	0.253
psSAR10g [W/Kg]	0.109	0.107
Power Drift [dB]	-0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		72.4
Dist 3dB Peak [mm]		6.5

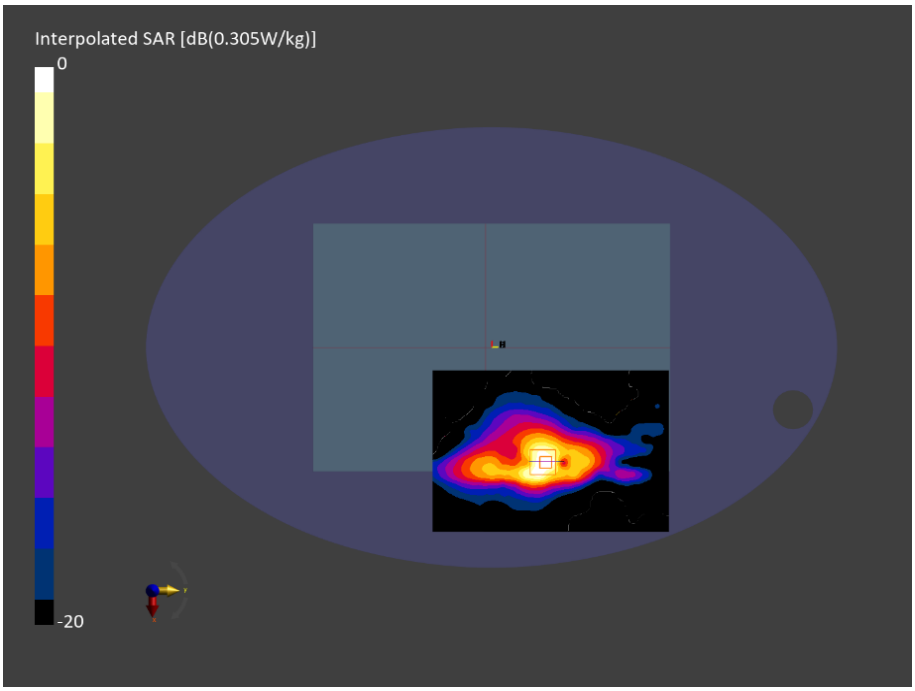

Figure C.14: SAR testing results for the A3240 at 2480 MHz Core 1

Measurement Report for A3240, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2412.000, 1	7.22	1.76	39.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - SN: 2102	HBBL-600-10000 DAK 3.5 Head ELI 21.14 deg.C 2024-Nov-06 SYS3 B3.prn, 2024-11-06	EX3DV4 - SN7804, 2024-08-14	DAE4ip Sn1786, 2024-08-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-11-06, 14:35	2024-11-06, 14:47
psSAR1g [W/Kg]	0.660	0.745
psSAR10g [W/Kg]	0.290	0.293
Power Drift [dB]	-0.04	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		78.9
Dist 3dB Peak [mm]		7.1

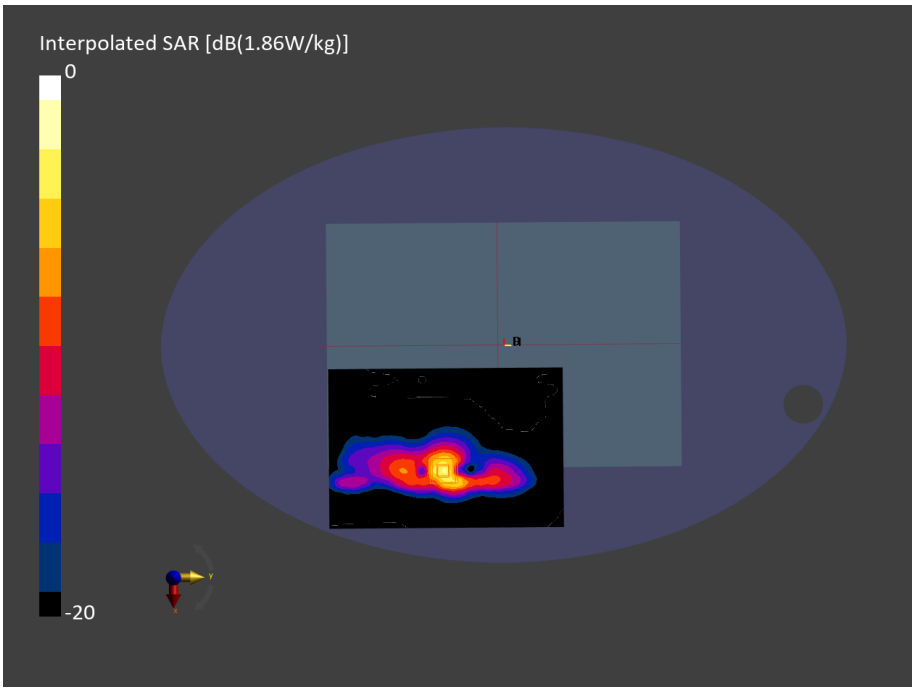

Figure C.15: SAR testing results for the A3240 at 2412 MHz Core 0

Measurement Report for A3240, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 11 (2462.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2462.000, 11	7.22	1.79	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - SN: 2102	HBBL-600-10000 DAK 3.5 Head ELI 21.14 deg.C 2024-Nov-06 SYS3 B3.prn, 2024-11-06	EX3DV4 - SN7804, 2024-08-14	DAE4ip Sn1786, 2024-08-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-11-07, 10:14	2024-11-07, 10:24
psSAR1g [W/Kg]	0.571	0.611
psSAR10g [W/Kg]	0.263	0.257
Power Drift [dB]	0.01	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		75.2
Dist 3dB Peak [mm]		6.2

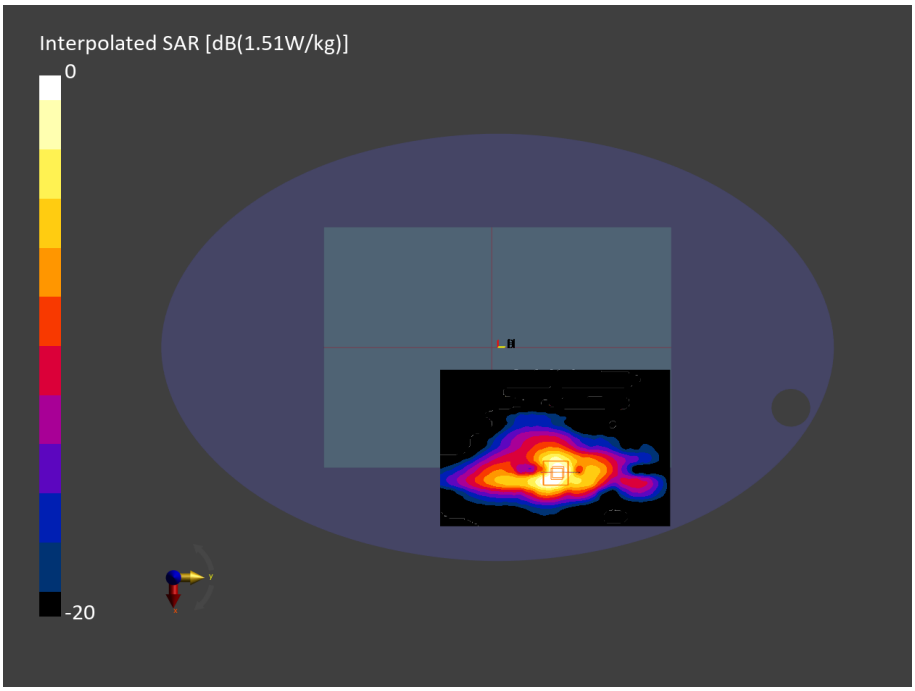

Figure C.16: SAR testing results for the A3240 at 2462 MHz Core 1

Measurement Report for A3240, BACK, WLAN 2.4GHz, IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle), Channel 2 (2417.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10416-AAA	2417.000, 2	7.22	1.76	39.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - SN: 2102	HBBL-600-10000 DAK 3.5 Head ELI 21.14 deg.C 2024-Nov-06 SYS3 B3.prn, 2024-11-06	EX3DV4 - SN7804, 2024-08-14	DAE4ip Sn1786, 2024-08-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-11-06, 15:48	2024-11-06, 15:57
psSAR1g [W/Kg]	0.718	0.801
psSAR10g [W/Kg]	0.319	0.317
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		74.0
Dist 3dB Peak [mm]		6.4

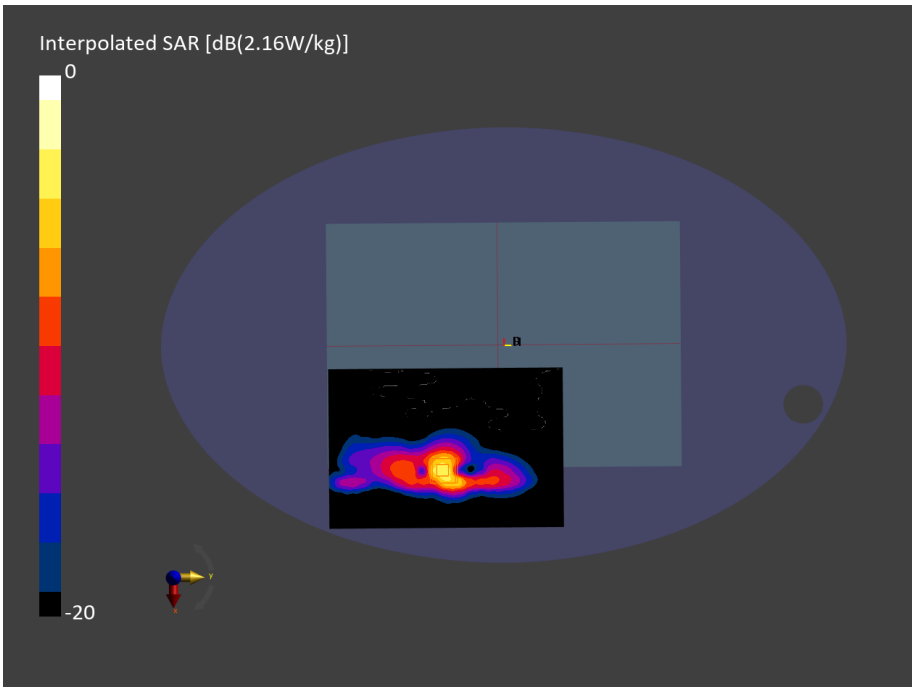

Figure C.17: SAR testing results for the A3240 at 2417 MHz Core 0

Measurement Report for A3240, BACK, WLAN 2.4GHz, IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle), Channel 10 (2457.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10416-AAA	2457.000, 10	7.22	1.79	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - SN: 2102	HBBL-600-10000 DAK 3.5 Head ELI 21.14 deg.C 2024-Nov-06 SYS3 B3.prn, 2024-11-06	EX3DV4 - SN7804, 2024-08-14	DAE4ip Sn1786, 2024-08-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
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	2024-11-07, 11:17	2024-11-07, 11:28
psSAR1g [W/Kg]	0.634	0.678
psSAR10g [W/Kg]	0.293	0.286
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		75.4
Dist 3dB Peak [mm]		6.6

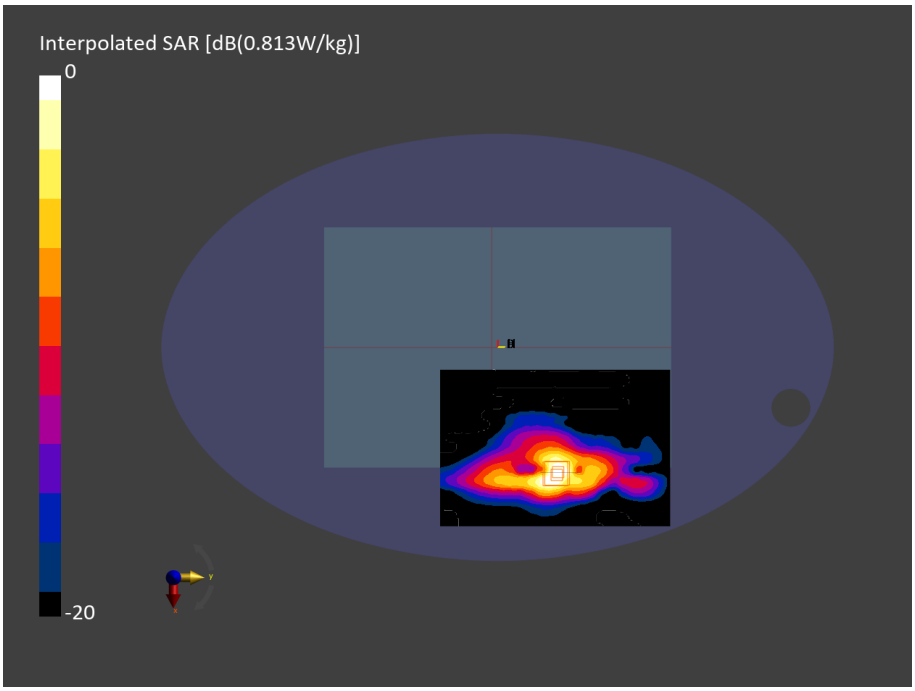

Figure C.18: SAR testing results for the A3240 at 2457 MHz Core 1

Measurement Report for A3240, BACK, WLAN 2.4GHz, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK), Channel 10 (2457.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10193-CAE	2457.000, 10	7.22	1.79	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - SN: 2102	HBBL-600-10000 DAK 3.5 Head ELI 21.14 deg.C 2024-Nov-06 SYS3 B3.prn, 2024-11-06	EX3DV4 - SN7804, 2024-08-14	DAE4ip Sn1786, 2024-08-07

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 260.0	30.0 x 30.0 x 30.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4	1.4
Graded Grid	N/A	Yes	Yes
Grading Ratio	N/A	1.5	1.5
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	2024-11-07, 13:00	2024-11-07, 13:13	2024-11-07, 13:21
psSAR1g [W/Kg]	0.596	0.630	0.491
psSAR10g [W/Kg]	0.277	0.269	0.202
Power Drift [dB]	-0.01	-0.01	0.00
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		73.6	74.6
Dist 3dB Peak [mm]		6.4	7.1

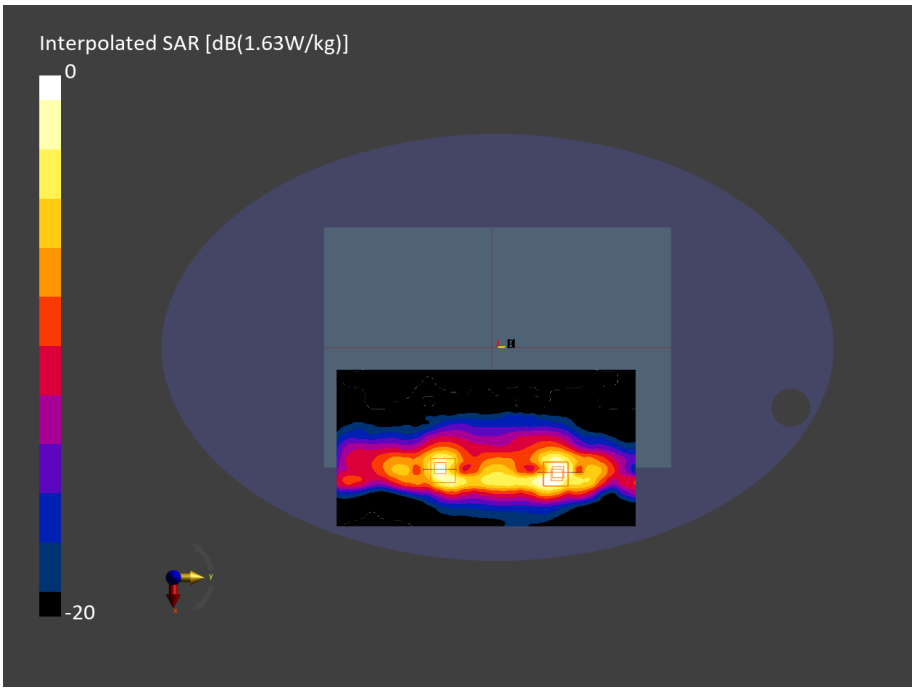

Figure C.19: SAR testing results for the A3240 at 2457 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), Channel 46 (5230.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10114-CAE	5230.000, 46	5.18	4.42	34.2

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 09:20	2024-11-05, 09:27
psSAR1g [W/Kg]	0.541	0.574
psSAR10g [W/Kg]	0.215	0.215
Power Drift [dB]	0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		62.6
Dist 3dB Peak [mm]		10.4

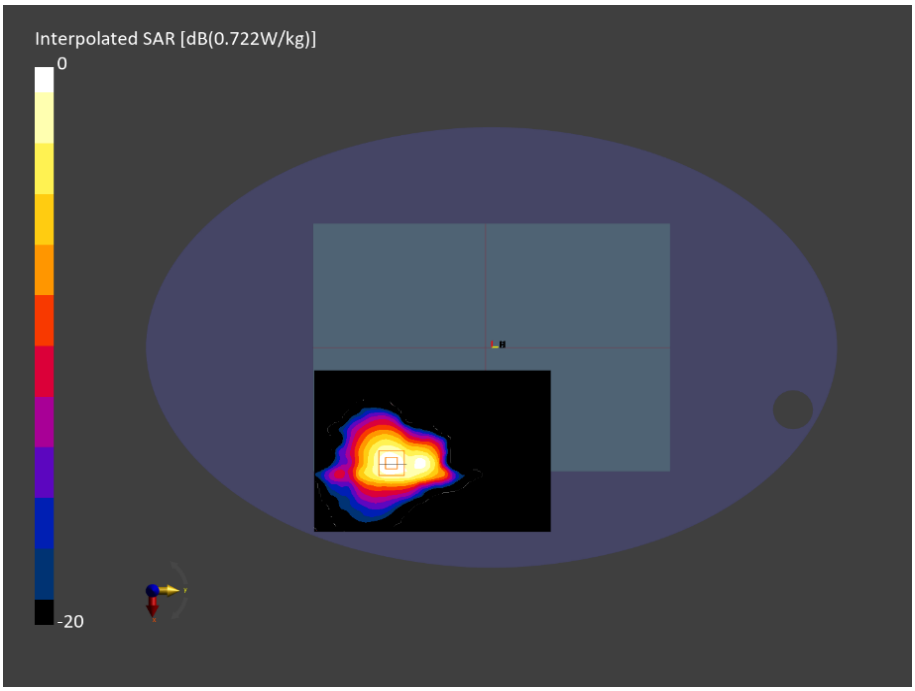

Figure C.20: SAR testing results for the A3240 at 5230 MHz Core 0

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), Channel 46 (5230.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10114-CAE	5230.000, 46	5.18	4.42	34.2

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 10:01	2024-11-05, 10:12
psSAR1g [W/Kg]	0.498	0.541
psSAR10g [W/Kg]	0.183	0.194
Power Drift [dB]	-0.03	0.19
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		62.4
Dist 3dB Peak [mm]		7.3

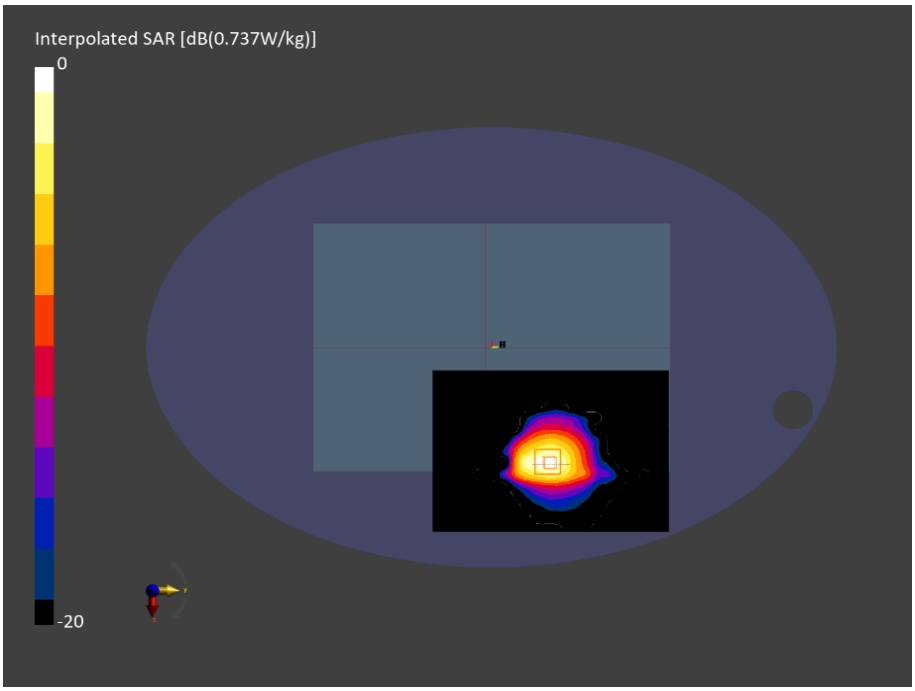

Figure C.21: SAR testing results for the A3240 at 5230 MHz Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), Channel 46 (5230.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10114-CAE	5230.000, 46	5.18	4.58	35.0

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 21.26 deg.C 2024-Nov-06 SYS5 B5.prn, 2024-11-06	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2024-11-06, 15:36	2024-11-06, 15:47	2024-11-06, 15:56
psSAR1g [W/Kg]	0.491	0.528	0.425
psSAR10g [W/Kg]	0.188	0.192	0.151
Power Drift [dB]	0.06	0.09	-0.00
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		61.6	60.3
Dist 3dB Peak [mm]		10.4	8.0

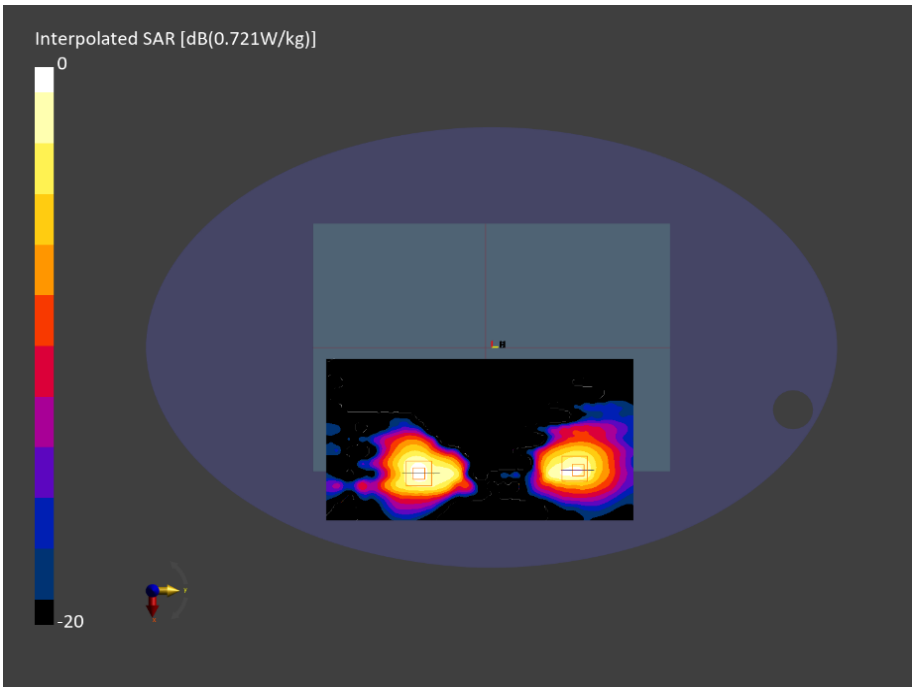

Figure C.22: SAR testing results for the A3240 at 5230 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 64 (5320.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10417-AAD	5320.000, 64	5.01	4.52	34.1

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 12:04	2024-11-05, 12:12
psSAR1g [W/Kg]	0.594	0.638
psSAR10g [W/Kg]	0.228	0.203
Power Drift [dB]	0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		6.6

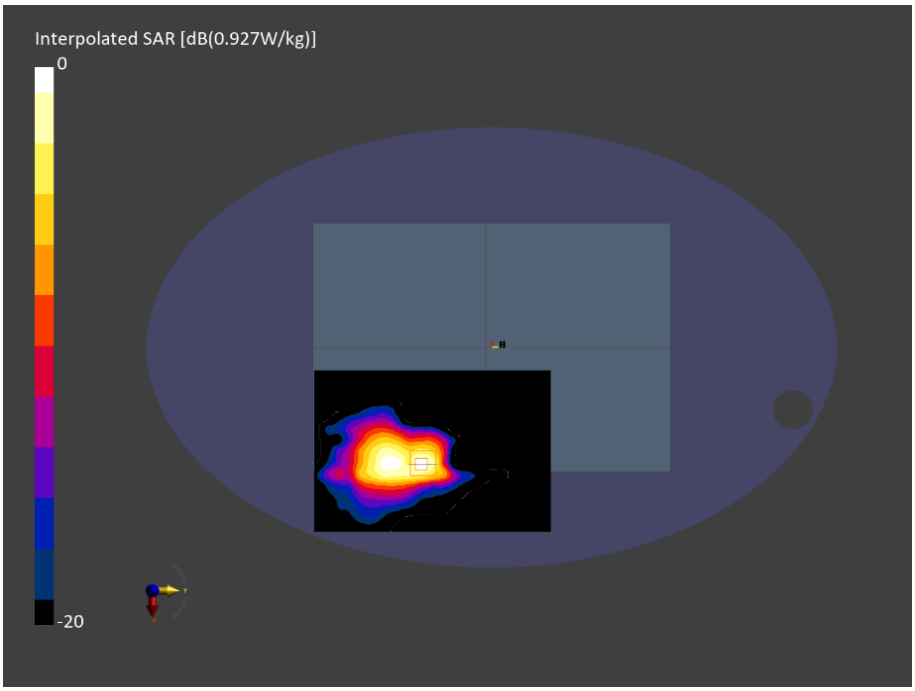

Figure C.23: SAR testing results for the A3240 at 5320 MHz Core 0

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), Channel 64 (5320.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10417-AAD	5320.000, 64	5.01	4.52	34.1

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 13:38	2024-11-05, 13:49
psSAR1g [W/Kg]	0.566	0.606
psSAR10g [W/Kg]	0.208	0.214
Power Drift [dB]	-0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		62.2
Dist 3dB Peak [mm]		8.0

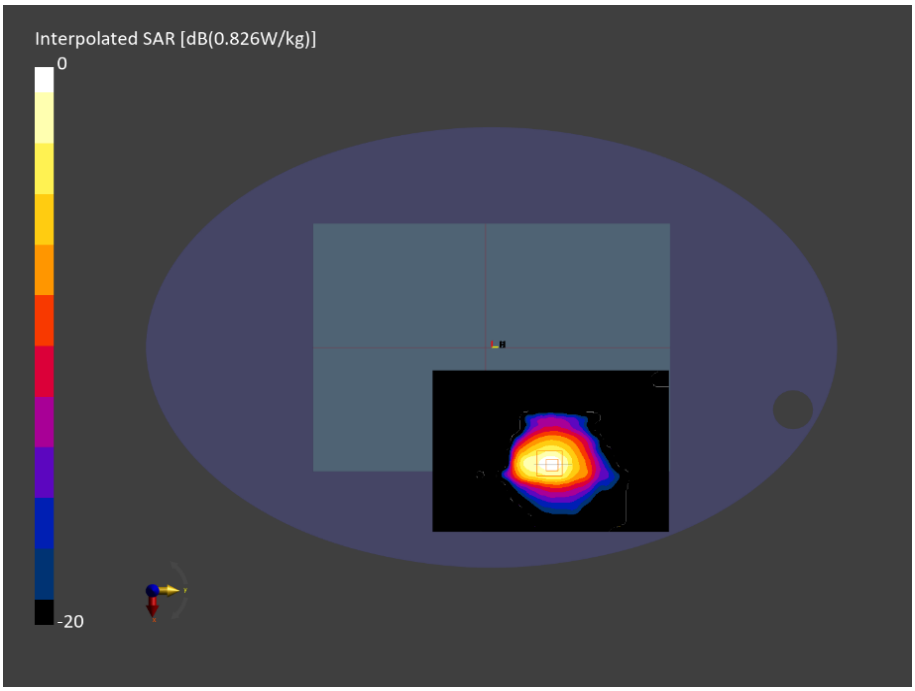

Figure C.24: SAR testing results for the A3240 at 5320 MHz Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK), Channel 54 (5270.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10117-CAE	5270.000, 54	5.01	4.46	34.2

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

Scans Setup

	Area Scan	Zoom Scan	Zoom Scan
Grid Extents [mm]	x 250.0	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	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2024-11-05, 18:51	2024-11-05, 18:59	2024-11-05, 19:17
psSAR1g [W/Kg]	0.481	0.522	0.384
psSAR10g [W/Kg]	0.186	0.193	0.137
Power Drift [dB]	0.06	0.09	0.08
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		62.0	61.9
Dist 3dB Peak [mm]		10.7	8.0

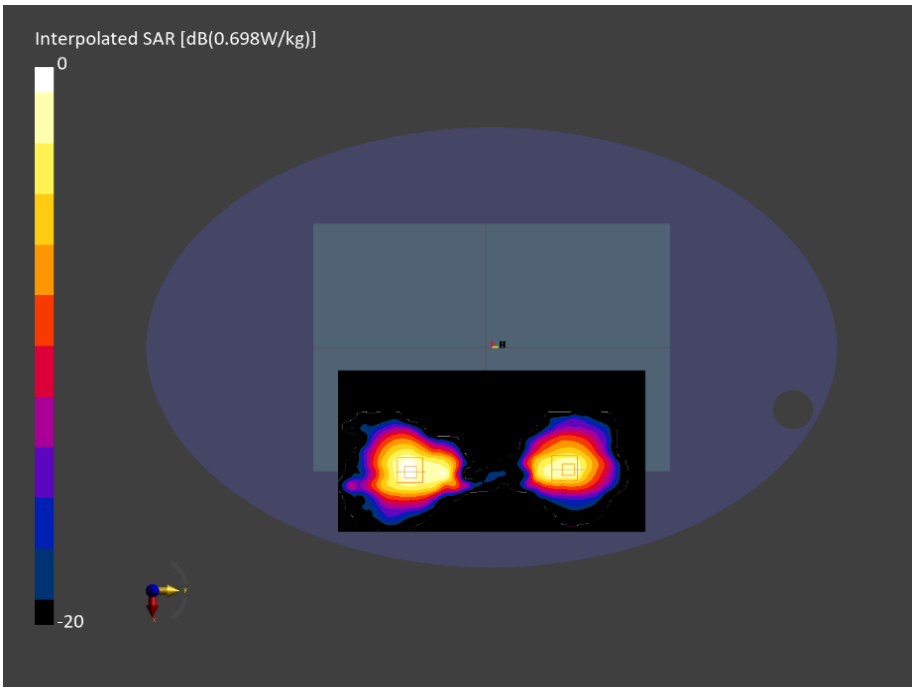

Figure C.25: SAR testing results for the A3240 at 5270 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 138 (5690.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5690.000, 138	4.56	4.93	33.4

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 03:24	2024-11-05, 03:32
psSAR1g [W/Kg]	0.671	0.750
psSAR10g [W/Kg]	0.228	0.232
Power Drift [dB]	-0.01	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		59.4
Dist 3dB Peak [mm]		7.2

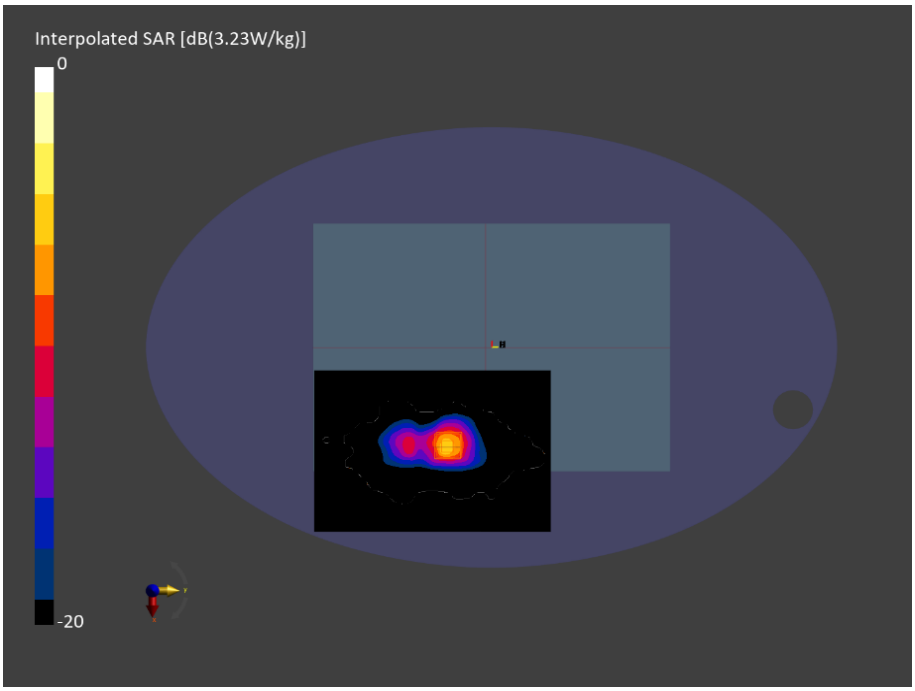

Figure C.26: SAR testing results for the A3240 at 5690 MHz Core 0

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 106 (5530.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5530.000, 106	4.75	4.75	33.7

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 03:52	2024-11-05, 04:01
psSAR1g [W/Kg]	0.395	0.442
psSAR10g [W/Kg]	0.147	0.146
Power Drift [dB]	0.07	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		7.6

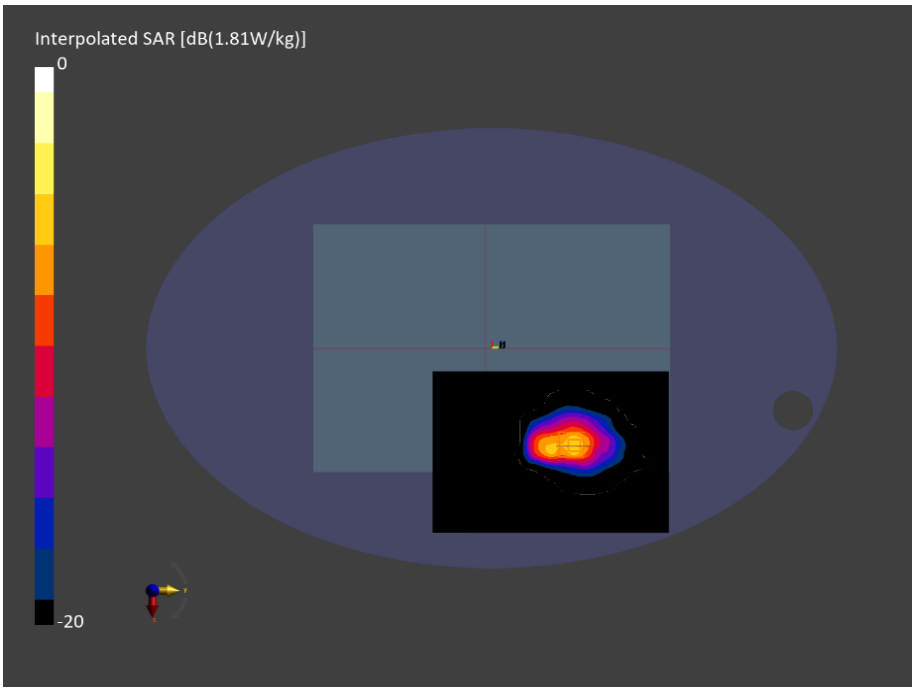

Figure C.27: SAR testing results for the A3240 at 5530 MHz Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 138 (5690.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5690.000, 138	4.56	4.93	33.4

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2024-11-05, 07:26	2024-11-05, 07:34	2024-11-05, 07:46
psSAR1g [W/Kg]	0.555	0.627	0.367
psSAR10g [W/Kg]	0.189	0.189	0.115
Power Drift [dB]	-0.02	-0.09	-0.06
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		59.1	58.5
Dist 3dB Peak [mm]		7.2	7.9

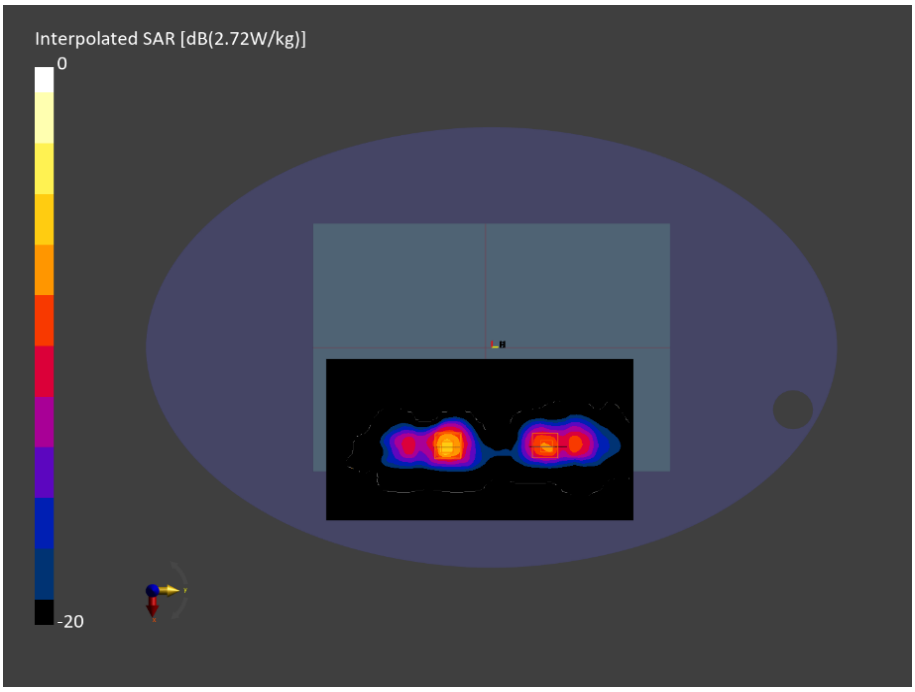

Figure C.28: SAR testing results for the A3240 at 5690 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.63	5.02	33.3

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	2024-11-05, 23:56	2024-11-06, 00:04
psSAR1g [W/Kg]	0.520	0.593
psSAR10g [W/Kg]	0.175	0.183
Power Drift [dB]	0.15	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		58.1
Dist 3dB Peak [mm]		7.3

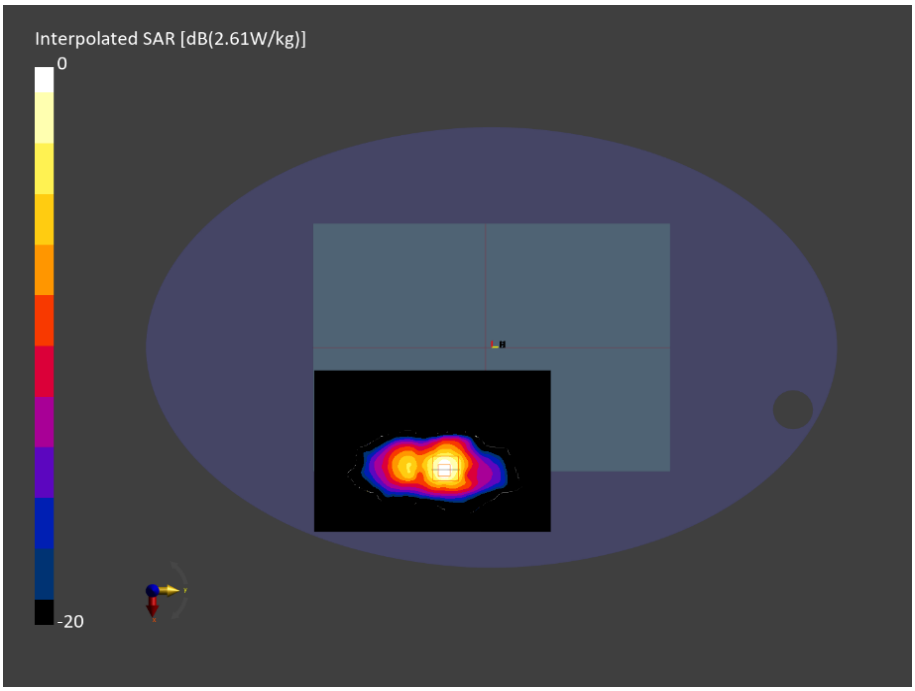

Figure C.29: SAR testing results for the A3240 at 5775 MHz Core 0

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.63	5.02	33.3

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-11-06, 05:51	2024-11-06, 06:03
psSAR1g [W/Kg]	0.227	0.253
psSAR10g [W/Kg]	0.082	0.077
Power Drift [dB]	0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		8.0

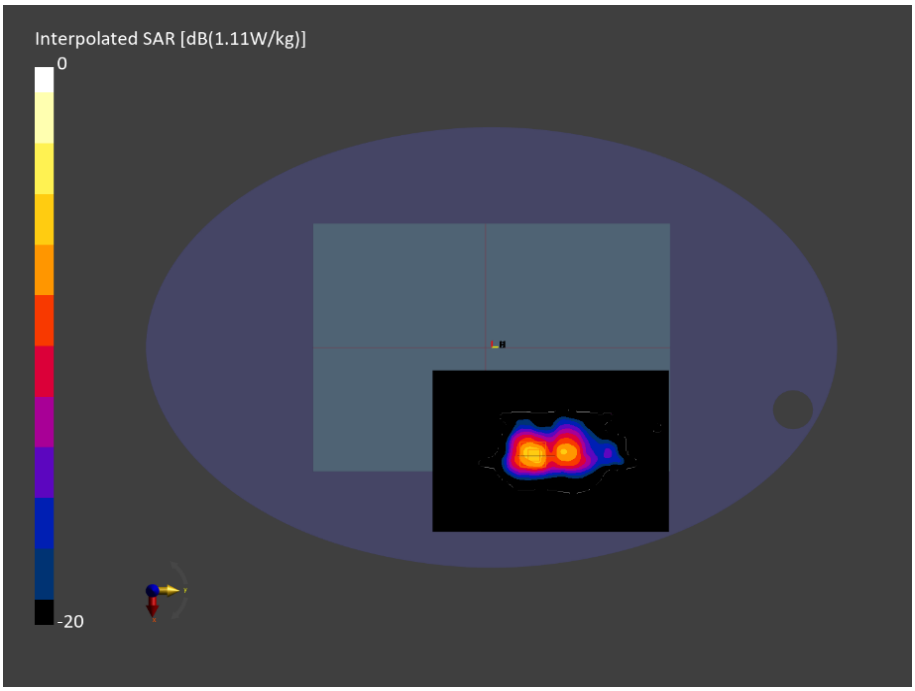

Figure C.30: SAR testing results for the A3240 at 5775 MHz Core 1

Measurement Report for A3240, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.63	5.02	33.3

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 20.11 deg.C 2024-Nov-04 SYS5 B5, 2024-11-04	EX3DV4 - SN7805, 2024-02-14	DAE4ip Sn1785, 2024-02-13

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	Y
Surface Detection	VMS + 6p	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan	Zoom Scan
Date	2024-11-06, 03:54	2024-11-06, 04:02	2024-11-06, 04:13
psSAR1g [W/Kg]	0.544	0.607	0.272
psSAR10g [W/Kg]	0.188	0.188	0.086
Power Drift [dB]	0.09	0.03	-0.01
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		59.2	57.5
Dist 3dB Peak [mm]		7.2	8.0

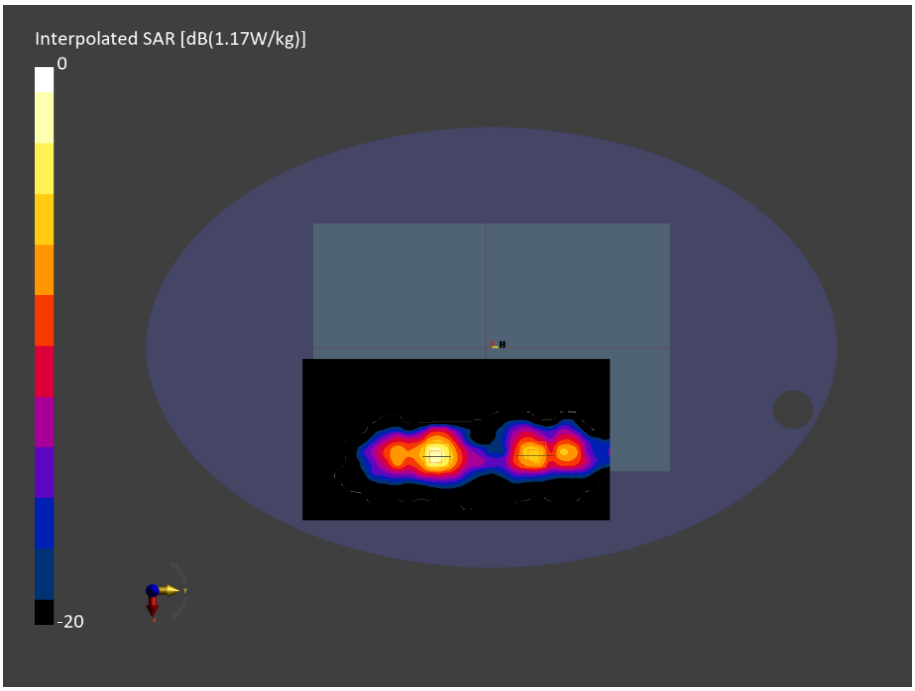

Figure C.31: SAR testing results for the A3240 at 5775 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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, 10755-AAC	6025.0, 15	5.61	5.39	33.3

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 20.26 deg.C 2024-Nov-04 SYS3 B3.prn, 2024-Nov-05	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

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	2024-11-06, 01:42	2024-11-06, 01:51
psSAR1g [W/Kg]	0.553	0.590
psSAR10g [W/Kg]	0.177	0.187
psAPD (4.0cm2, sq) [W/m2]		4.29
Power Drift [dB]	0.02	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.5
Dist 3dB Peak [mm]		6.8

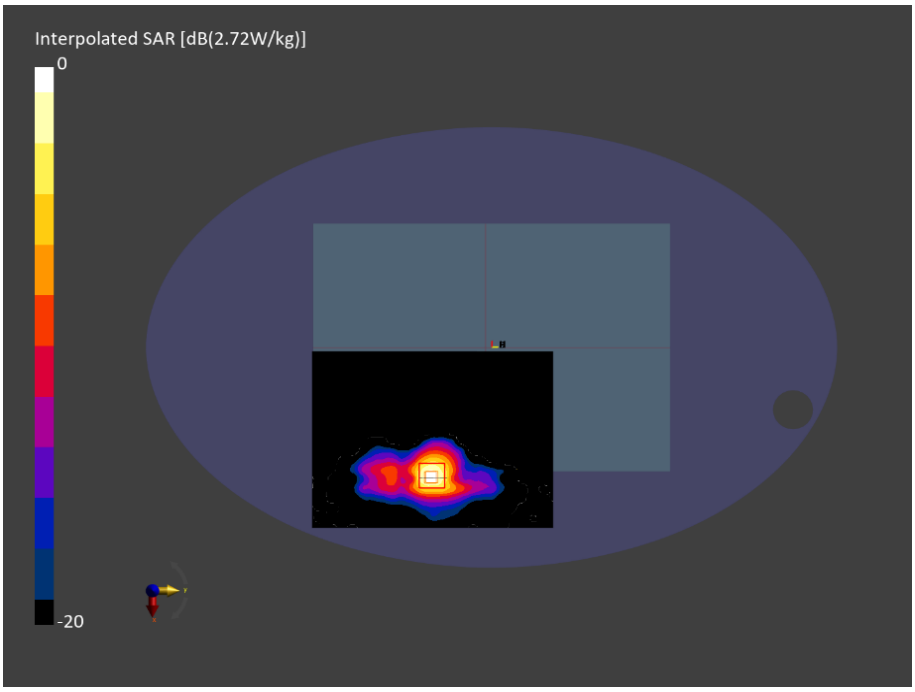

Figure C.32: SAR & APD testing results for the A3240 at 6025 MHz Core 0

Measurement Report for A3240, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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, 10755-AAC	6665.0, 143	5.61	6.14	32.2

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 20.26 deg.C 2024-Nov-04 SYS3 B3.prn, 2024-Nov-05	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

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	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	2024-11-06, 02:46	2024-11-06, 02:55
psSAR1g [W/Kg]	0.548	0.622
psSAR10g [W/Kg]	0.178	0.191
psAPD (4.0cm2, sq) [W/m2]		4.38
Power Drift [dB]	-0.03	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.8
Dist 3dB Peak [mm]		6.8

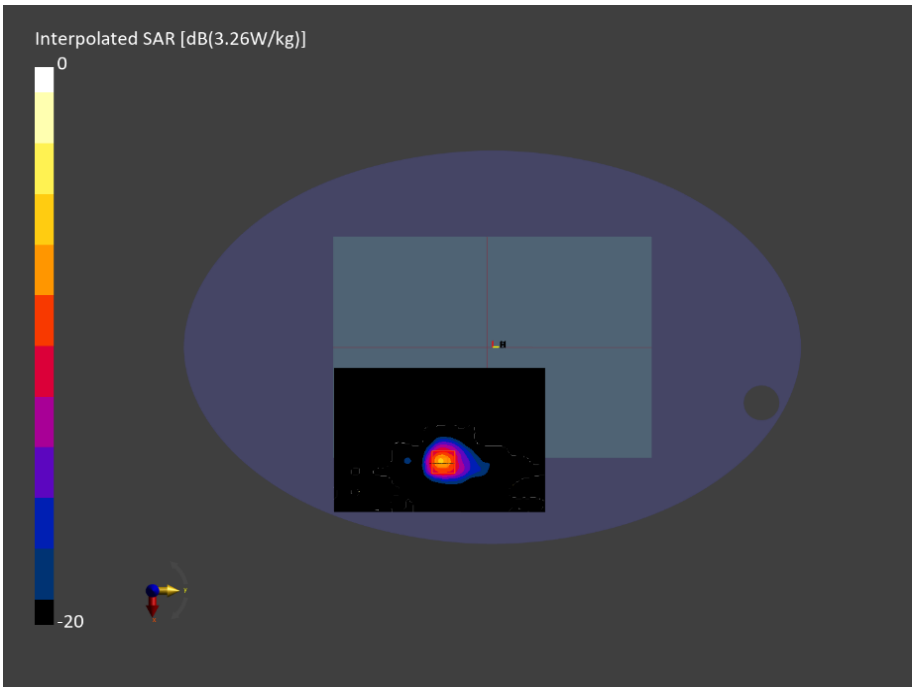

Figure C.33: SAR & APD testing results for the A3240 at 6665 MHz Core 0

Measurement Report for A3240, BACK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 123 (6565.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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, 10707-AAC	6565.0, 123	5.61	6.02	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 20.26 deg.C 2024-Nov-04 SYS3 B3.prn, 2024-Nov-05	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

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	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	2024-11-06, 06:46	2024-11-06, 06:55
psSAR1g [W/Kg]	0.458	0.509
psSAR10g [W/Kg]	0.160	0.163
psAPD (4.0cm2, sq) [W/m2]		3.74
Power Drift [dB]	-0.03	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.3
Dist 3dB Peak [mm]		8.2

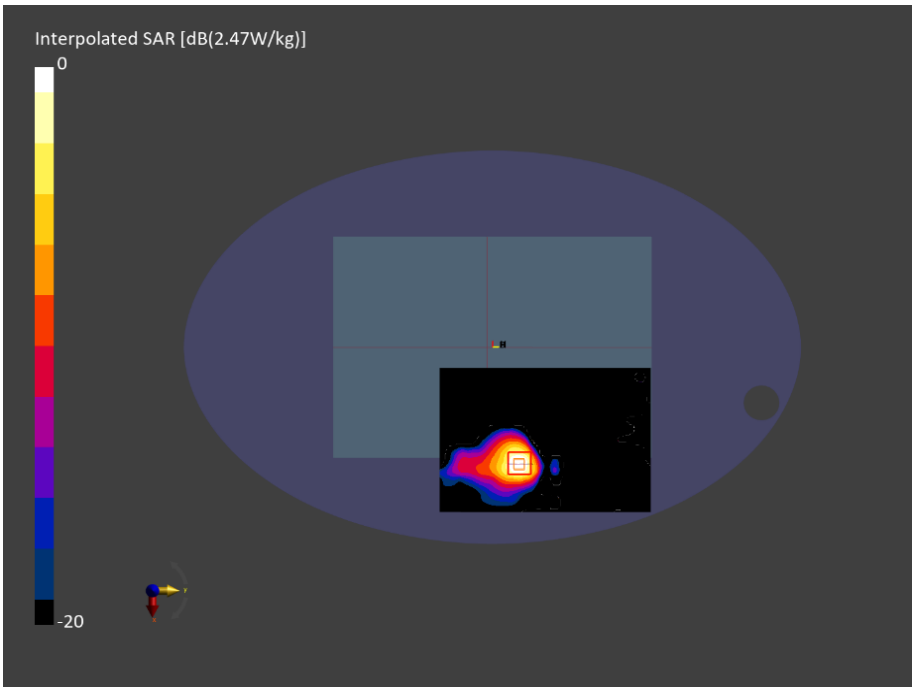

Figure C.34: SAR & APD testing results for the A3240 at 6565 MHz Core 1

Measurement Report for A3240, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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, 10755-AAC	6025.0, 15	5.61	5.39	33.3

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 20.26 deg.C 2024-Nov-04 SYS3 B3.prn, 2024-Nov-05	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

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	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	2024-11-06, 05:00	2024-11-06, 05:09
psSAR1g [W/Kg]	0.320	0.361
psSAR10g [W/Kg]	0.111	0.118
psAPD (4.0cm2, sq) [W/m2]		2.70
Power Drift [dB]	-0.11	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		8.2

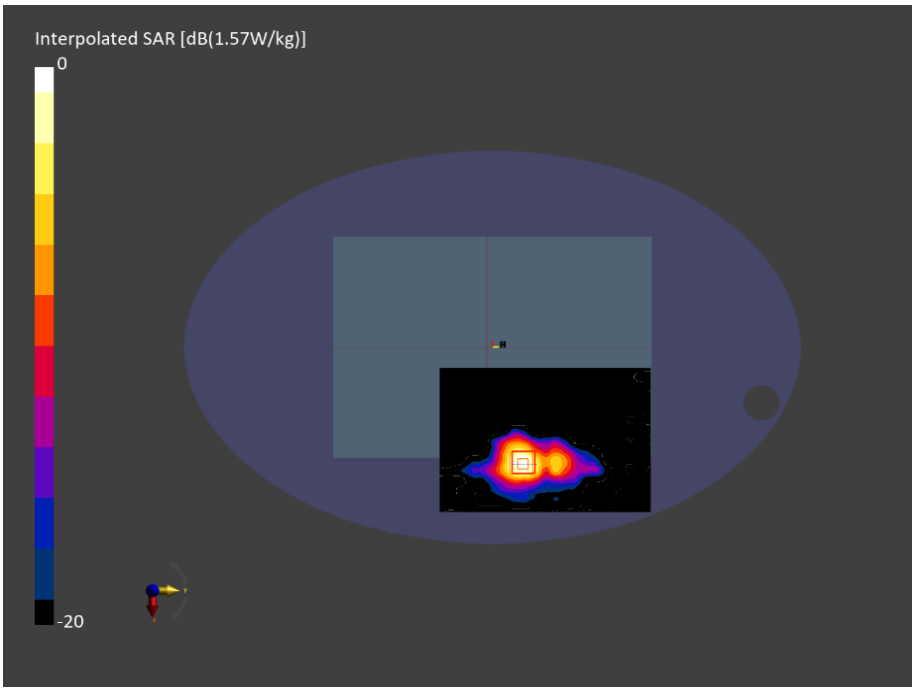

Figure C.35: SAR & APD testing results for the A3240 at 6025 MHz Core 1

Measurement Report for A3240, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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, 10755-AAC	, 15	5.61	5.47	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 21.36 deg.C 2024-Nov-06 SYS6 B6.prn, 2024-Nov-06	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

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	2024-11-06, 15:28	2024-11-06, 15:37	2024-11-06, 15:47
psSAR1g [W/kg]	0.420	0.457	0.253
psSAR10g [W/kg]	0.136	0.143	0.084
psAPD (4.0cm2, sq) [W/m2]		3.27	1.93
Power Drift [dB]	0.10	-0.02	0.05
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		51.9	51.4
Dist 3dB Peak [mm]		6.8	8.2

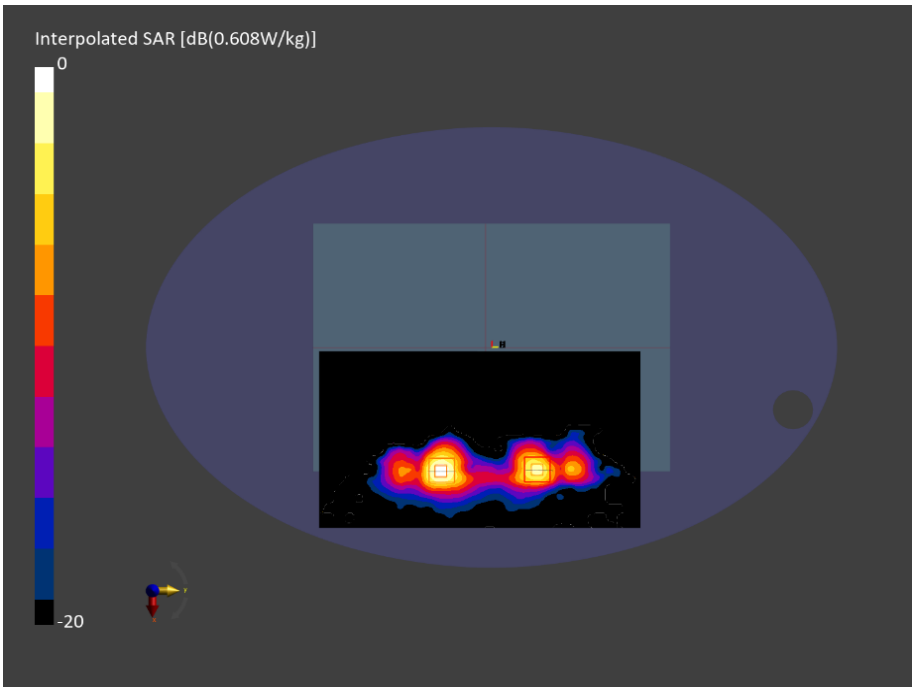

Figure C.36: SAR & APD testing results for the A3240 at 6025 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	302.0 x 215.0 x 14.0		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, 10755-AAC	, 143	5.61	6.23	32.0

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 21.36 deg.C 2024-Nov-06 SYS6 B6.prn, 2024-Nov-06	EX3DV4 - SN7809, 2024-05-13	DAE4ip Sn1789, 2024-05-03

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	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	2024-11-06, 18:22	2024-11-06, 18:31	2024-11-06, 18:40
psSAR1g [W/kg]	0.477	0.495	0.448
psSAR10g [W/kg]	0.163	0.163	0.141
psAPD (4.0cm2, sq) [W/m2]		3.71	3.23
Power Drift [dB]	0.10	-0.09	0.02
Power Scaling	Disabled	Disabled	Disabled
Scaling Factor [dB]			
TSL Correction	Positive only	Positive only	Positive only
M2/M1 [%]		47.9	46.5
Dist 3dB Peak [mm]		8.7	7.5

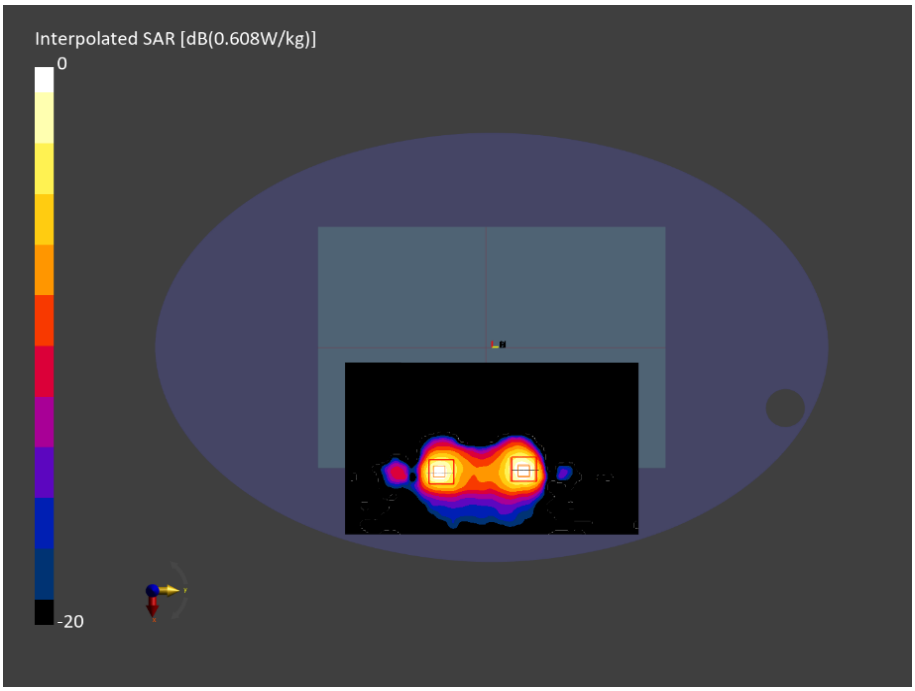

Figure C.37: SAR & APD testing results for the A3240 at 6665 MHz Core 0 & Core 1

Measurement Report for A3240, BACK, U-NII-7, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
A3240,	306.0 x 216.0 x 14.0		Laptop

Exposure Conditions

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

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1112	Air -	EUmmWV4 - SN9641_F1-55GHz, 2024-10-10	DAE4ip Sn1786, 2024-08-07

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	70.0 x 80.0
Grid Steps [lambda]	0.04538097579395488 x 0.04538097579395488
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-11-11, 12:20
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.42
psPDtot+ [W/m^2]	5.16
psPDmod+ [W/m^2]	6.25
E_{max} [V/m]	85.5
Power Drift [dB]	-0.29

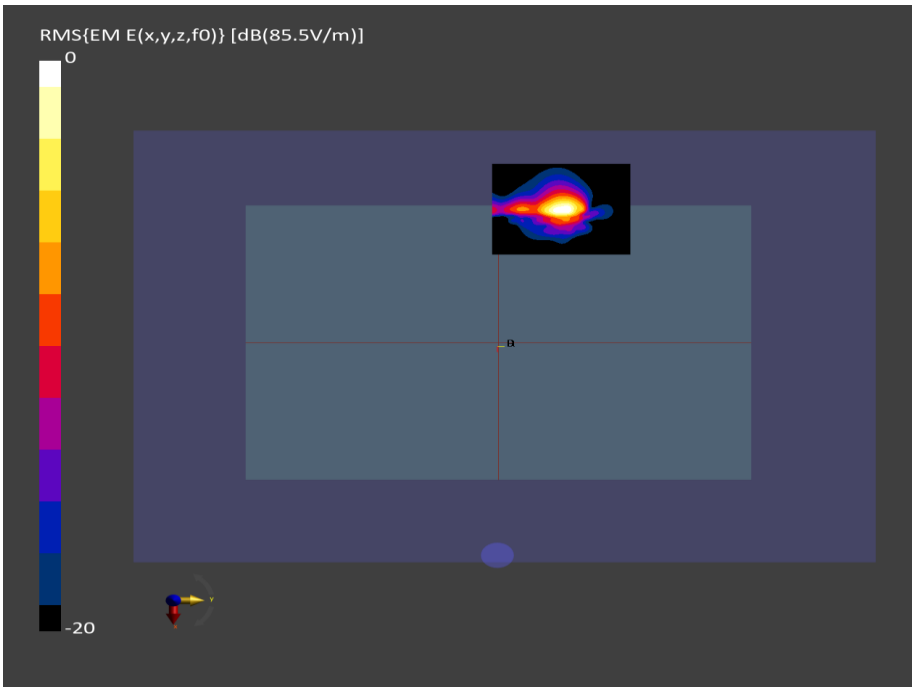

Figure C.38: iPD testing results for the A3240 at 6665 MHz Core 0

ANNEX D

THREAD TECHNOLOGY DUTY FACTOR CORRECTION

A3240 Thread Scaling Rationale

The measured SAR Results for the Thread technology, as detailed in this document, are scaled down to 60.96% to adjust for the normal operating conditions of this technology as shown in figure 12. With the measured SAR Results having been taken with the device operating in a test mode, on a fixed channel with 100% duty cycle, as shown below in figure 11.

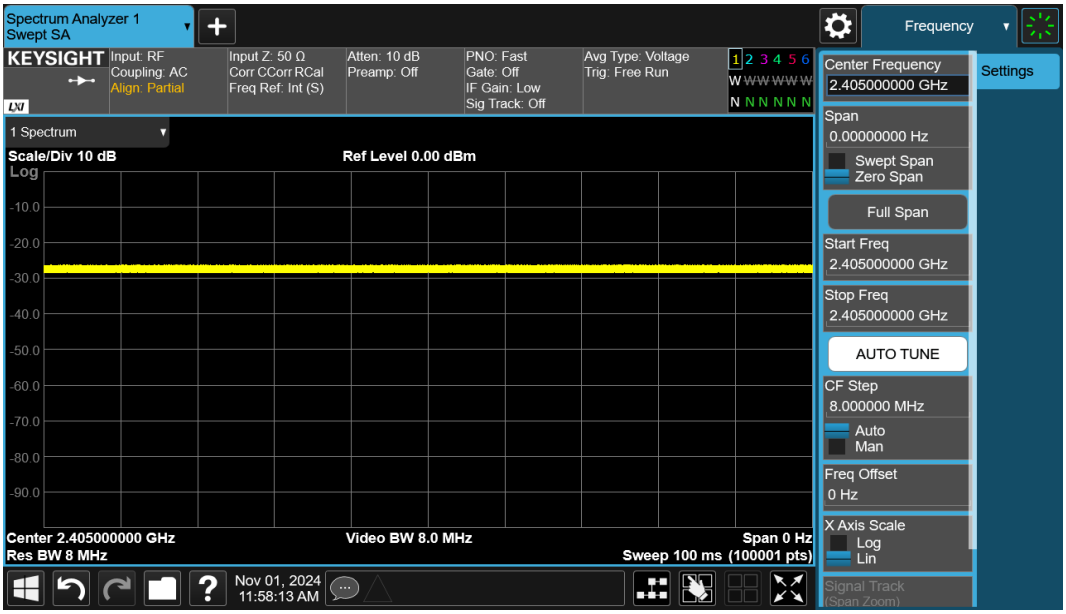

Figure 11 - Thread ePA - Frequency of 2405 MHz (100% Duty Cycle)

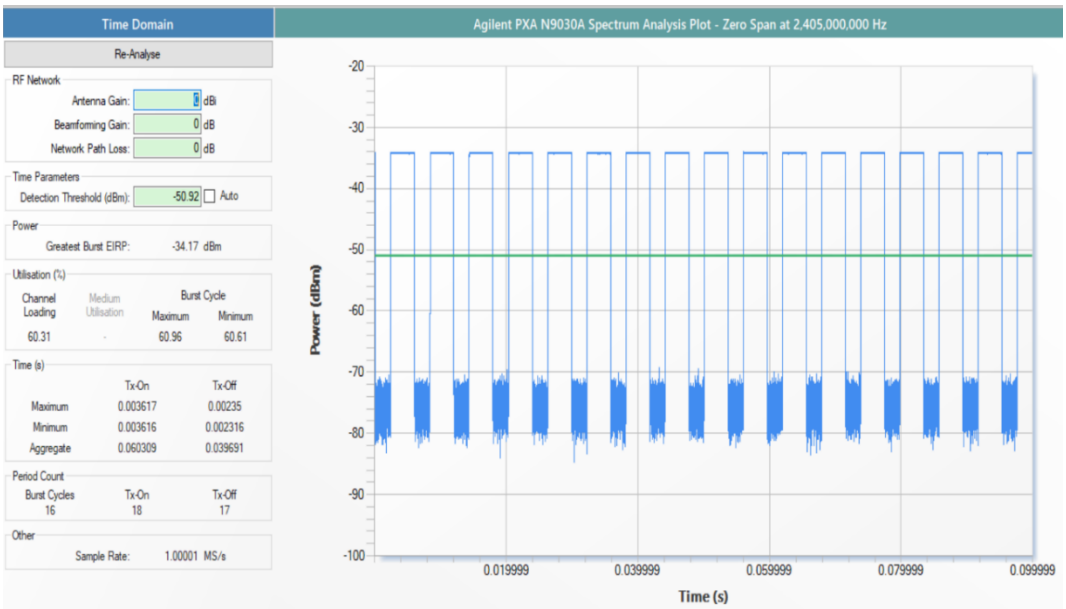

Figure 12 - Thread ePA - Frequency of 2405 MHz (60.96% Duty Cycle)