Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 5, E-UTRA/FDD, Channel 20525 (836.5MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	9.54	0.915	40.7

Hardware Setup

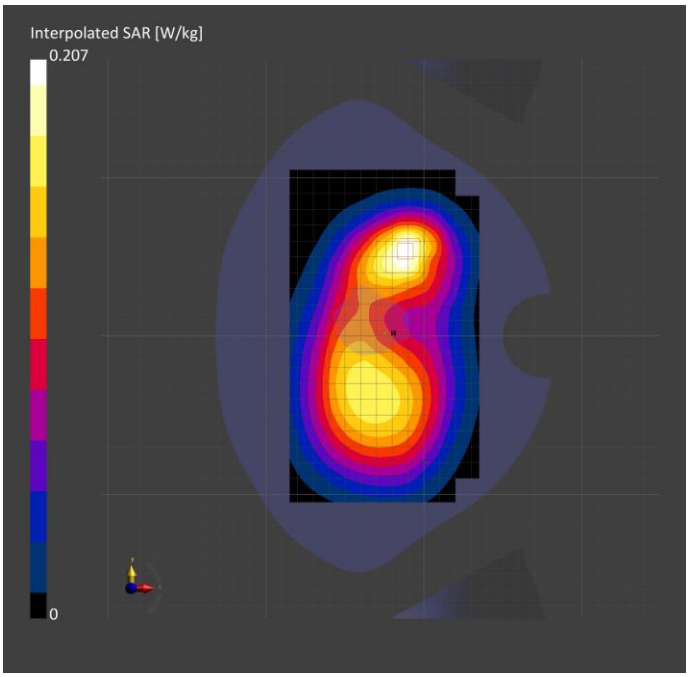
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-18	2022-01-18
psSAR1g [W/kg]	0.181	0.155
psSAR10g [W/kg]	0.120	0.118
Power Drift [dB]	-0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		87.9
Dist 3dB Peak [mm]		> 16.0



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 5, E-UTRA/FDD, Channel 20525 (836.5MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 10.00	Band 5, E-UTRA/FDD	LTE-FDD, 10175-CAG	836.5, 20525	9.54	0.915	40.7

Hardware Setup

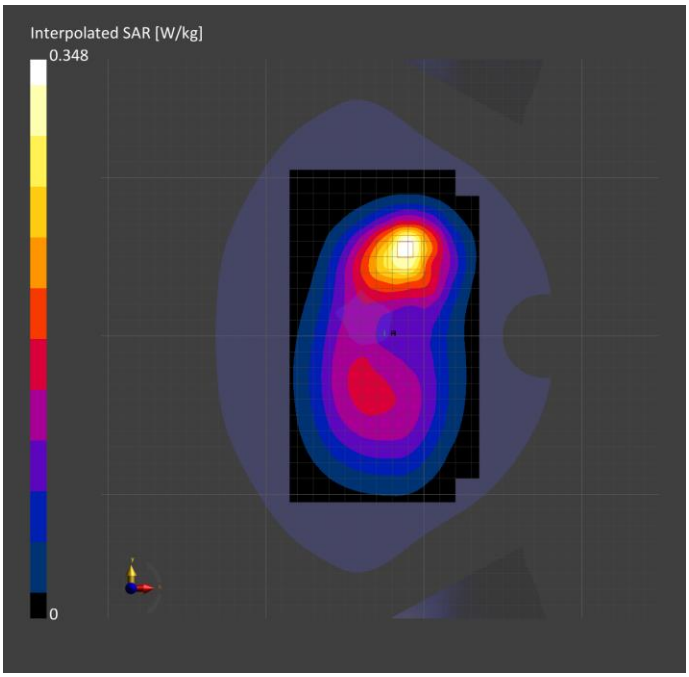
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-18	2022-01-18
psSAR1g [W/kg]	0.298	0.300
psSAR10g [W/kg]	0.192	0.181
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.6
Dist 3dB Peak [mm]		15.2



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, TILT, Band 7, E-UTRA/FDDChannel 21350 (2560.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	Band 7, E-UTRA/FDD	LTE-FDD, 10169-CAE	2560.0, 21350	6.94	1.94	38.2

Hardware Setup

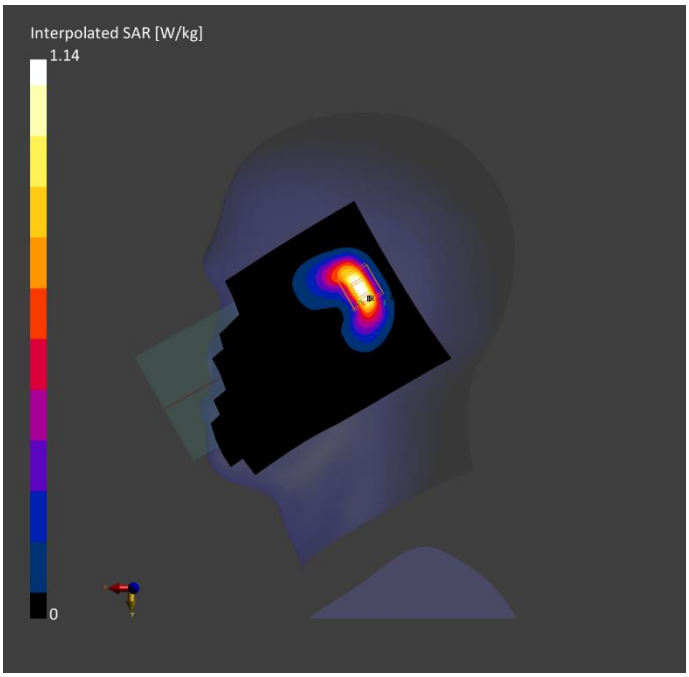
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.475	0.513
psSAR10g [W/kg]	0.209	0.224
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.9
Dist 3dB Peak [mm]		6.3



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 7, E-UTRA/FDD, Channel 21100 (2535.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	Band 7, E-UTRA/FDD	LTE-FDD, 10169-CAE	2535.0, 21100	6.94	1.92	38.3

Hardware Setup

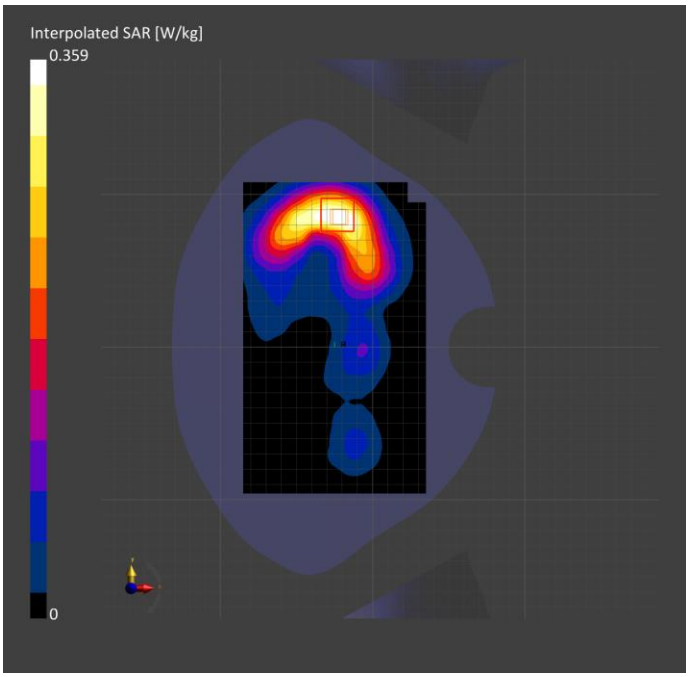
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.184	0.186
psSAR10g [W/kg]	0.099	0.097
Power Drift [dB]	-0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.8
Dist 3dB Peak [mm]		12.8



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, EDGE TOP, Band 7, E-UTRA/FDD,Channel 21350 (2560.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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	EDGE TOP, 10.00	Band 7, E-UTRA/FDD	LTE-FDD, 10169-CAE	2560.0, 21350	6.94	1.94	38.2

Hardware Setup

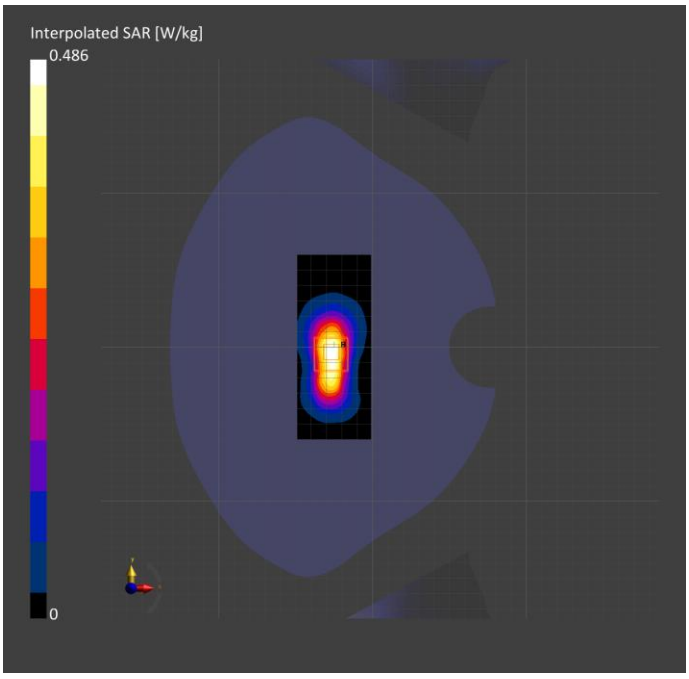
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.230	0.232
psSAR10g [W/kg]	0.109	0.108
Power Drift [dB]	0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.2
Dist 3dB Peak [mm]		9.0



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, TILT, Band 13, E-UTRA/FDD, Channel 23230 (782.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	Band 13, E-UTRA/FDD	LTE-FDD, 10175-CAG	782.0, 23230	9.94	0.897	41.0

Hardware Setup

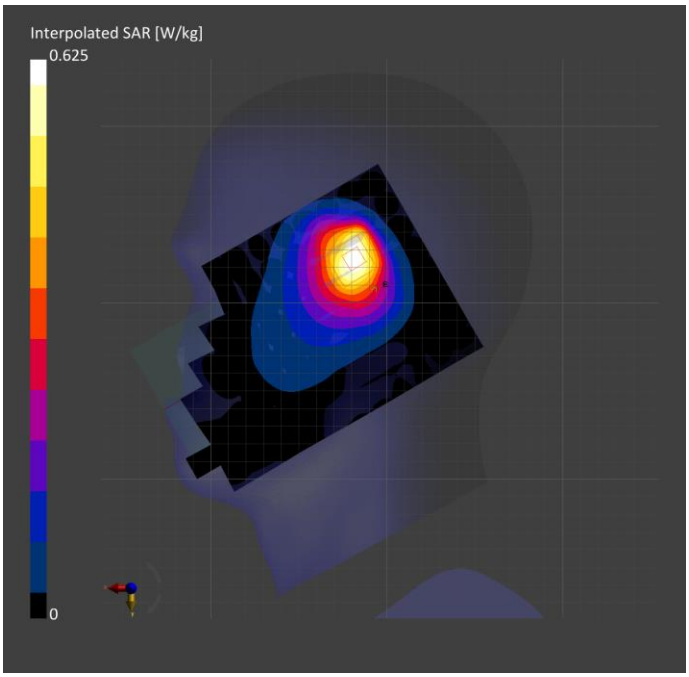
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-13	2022-01-13
psSAR1g [W/kg]	0.521	0.635
psSAR10g [W/kg]	0.340	0.332
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.7
Dist 3dB Peak [mm]		9.2



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 13, E-UTRA/FDD, Channel 23230 (782.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	Band 13, E-UTRA/FDD	LTE-FDD, 10175-CAG	782.0, 23230	9.94	0.897	41.0

Hardware Setup

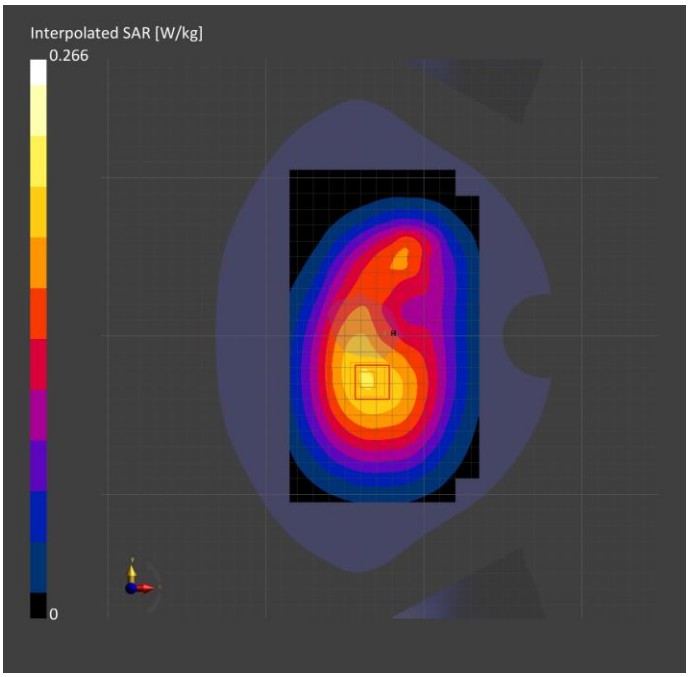
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-13	2022-01-13
psSAR1g [W/kg]	0.178	0.186
psSAR10g [W/kg]	0.126	0.119
Power Drift [dB]	-0.10	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.3
Dist 3dB Peak [mm]		17.5



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 13, E-UTRA/FDD,Channel 23230 (782.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 10.00	Band 13, E-UTRA/FDD	LTE-FDD, 10175-CAG	782.0, 23230	9.94	0.897	41.0

Hardware Setup

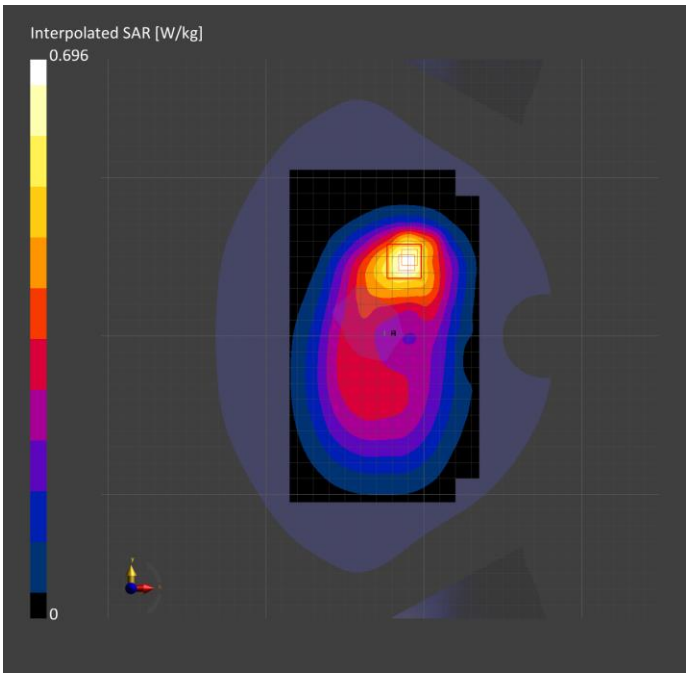
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-13	2022-01-13
psSAR1g [W/kg]	0.407	0.356
psSAR10g [W/kg]	0.266	0.217
Power Drift [dB]	1.06	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.9
Dist 3dB Peak [mm]		13.2



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, TILT, Band 26 E-UTRA/FDD, Channel 26775 (822.5MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	Band 26 E-UTRA/FDD	LTE-FDD, 10160-CAE	822.5, 26775	9.54	0.909	40.7

Hardware Setup

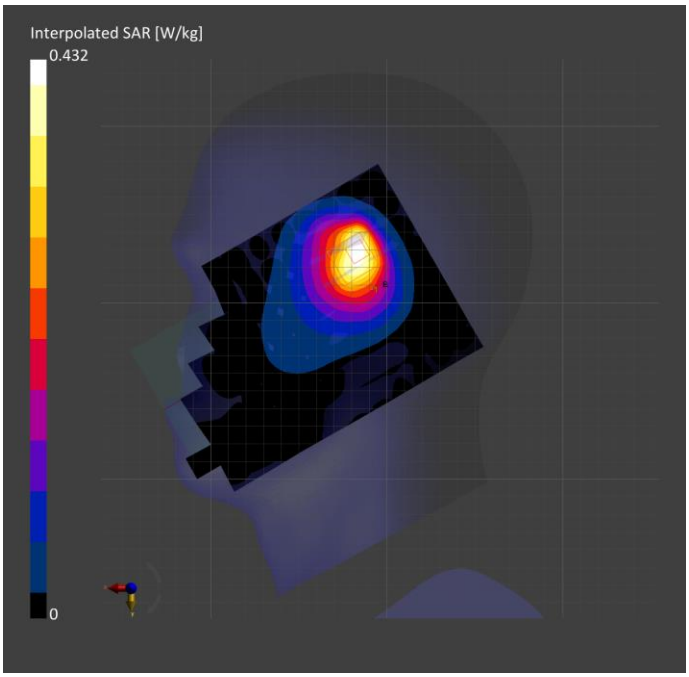
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.356	0.379
psSAR10g [W/kg]	0.229	0.205
Power Drift [dB]	-0.36	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.0
Dist 3dB Peak [mm]		8.6



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 26 E-UTRA/FDD, Channel 26865 (831.5MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	Band 26 E-UTRA/FDD	LTE-FDD, 10181-CAE	831.5, 26865	9.54	0.912	40.7

Hardware Setup

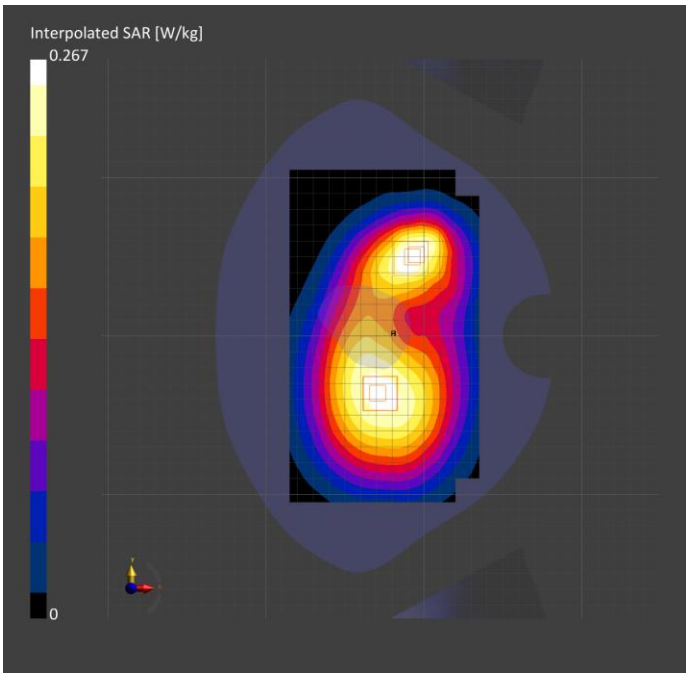
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.156	0.156
psSAR10g [W/kg]	0.106	0.119
Power Drift [dB]	-0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		89.8
Dist 3dB Peak [mm]		> 16.0



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 26 E-UTRA/FDD, Channel 26865 (831.5MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 10.00	Band 26 E-UTRA/FDD	LTE-FDD, 10181-CAE	831.5, 26865	9.54	0.912	40.7

Hardware Setup

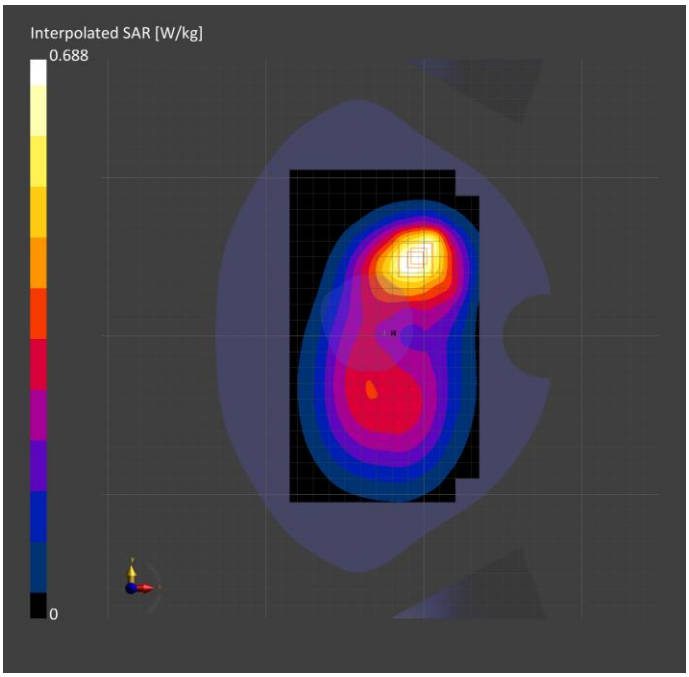
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.353	0.378
psSAR10g [W/kg]	0.236	0.230
Power Drift [dB]	-0.06	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.1
Dist 3dB Peak [mm]		14.4



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, TILT, Band 38, E-UTRA/TDD, Channel 38000 (2595.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	Band 38, E-UTRA/TDD	LTE-TDD, 10435-AAF	2595.0, 38000	6.94	1.90	38.2

Hardware Setup

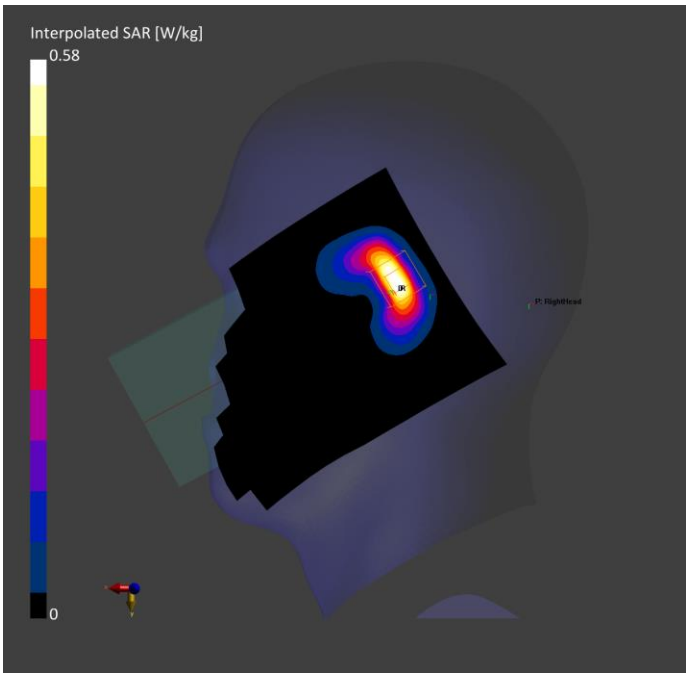
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	4.9 x 4.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-29	2022-01-29
psSAR1g [W/kg]	0.423	0.458
psSAR10g [W/kg]	0.180	0.194
Power Drift [dB]	-0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.3
Dist 3dB Peak [mm]		5.9



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 38, E-UTRA/TDD, Channel 38000 (2595.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	Band 38, E-UTRA/TDD	LTE-TDD, 10435-AAF	2595.0, 38000	6.94	1.97	38.1

Hardware Setup

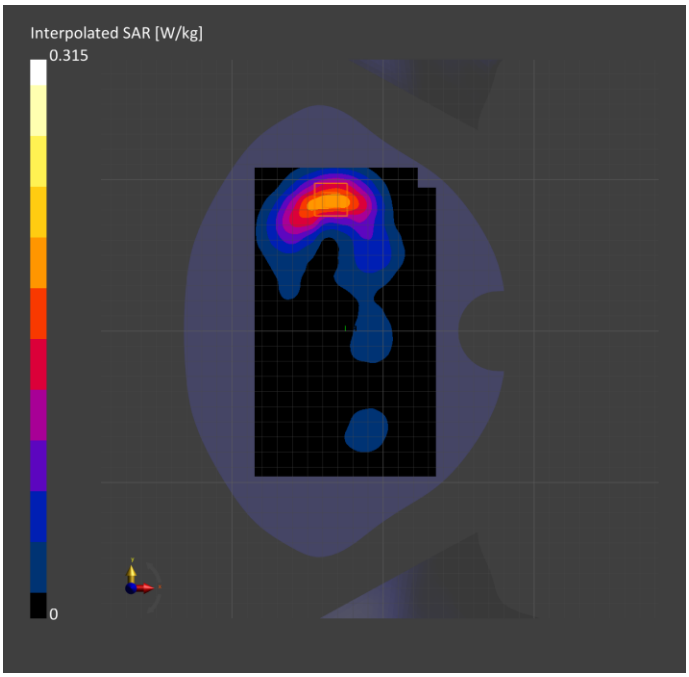
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	0.162	0.165
psSAR10g [W/kg]	0.086	0.086
Power Drift [dB]	0.05	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		12.1



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, EDGE TOP, Band 38, E-UTRA/TDD, Channel 38000 (2595.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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	EDGE TOP, 10.00	Band 38, E-UTRA/TDD	LTE-TDD, 10494-AAF	2595.0, 38000	6.94	1.90	38.2

Hardware Setup

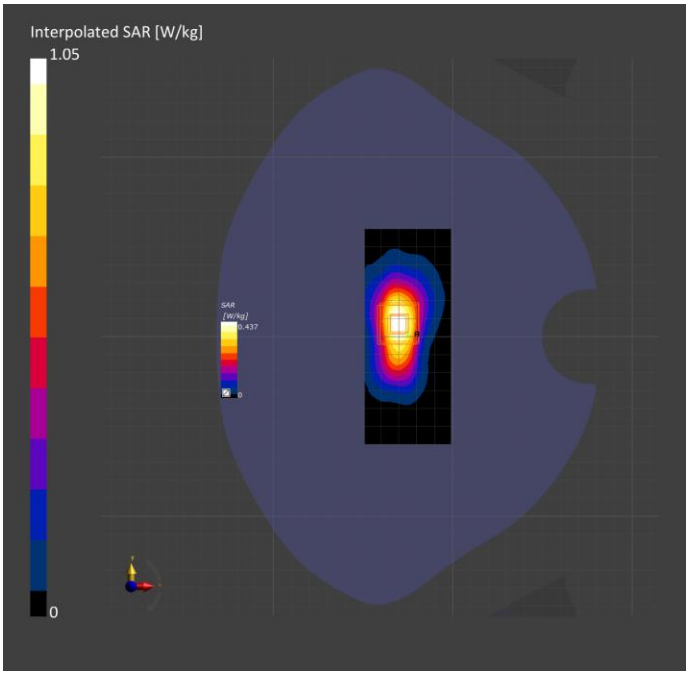
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-29	2022-01-29
psSAR1g [W/kg]	0.390	0.480
psSAR10g [W/kg]	0.187	0.217
Power Drift [dB]	0.00	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.2
Dist 3dB Peak [mm]		8.2



Place of Testing: HUAWEI SAR/HAC Lab
Measurement Report for MGA-LX3, TILT, Band 66, E-UTRA/FDD,Channel 132072 (1720.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	Band 66, E-UTRA/FDD	LTE-FDD, 10169-CAE	1720.0, 132072	8.04	1.35	39.5

Hardware Setup

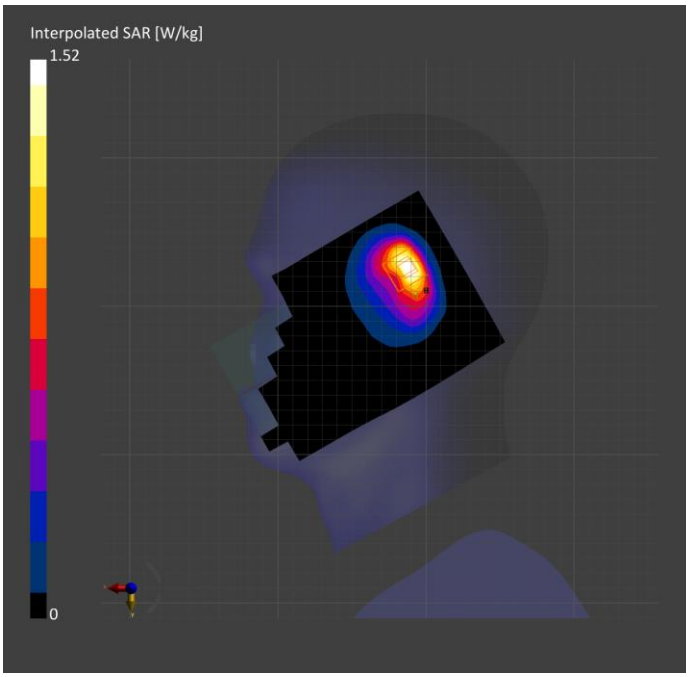
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-16	2022-01-16
psSAR1g [W/kg]	0.748	0.820
psSAR10g [W/kg]	0.400	0.421
Power Drift [dB]	0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		8.8



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 66, E-UTRA/FDD, Channel 132322 (1745.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	Band 66, E-UTRA/FDD	LTE-FDD, 10169-CAE	1745.0, 132322	8.04	1.36	39.5

Hardware Setup

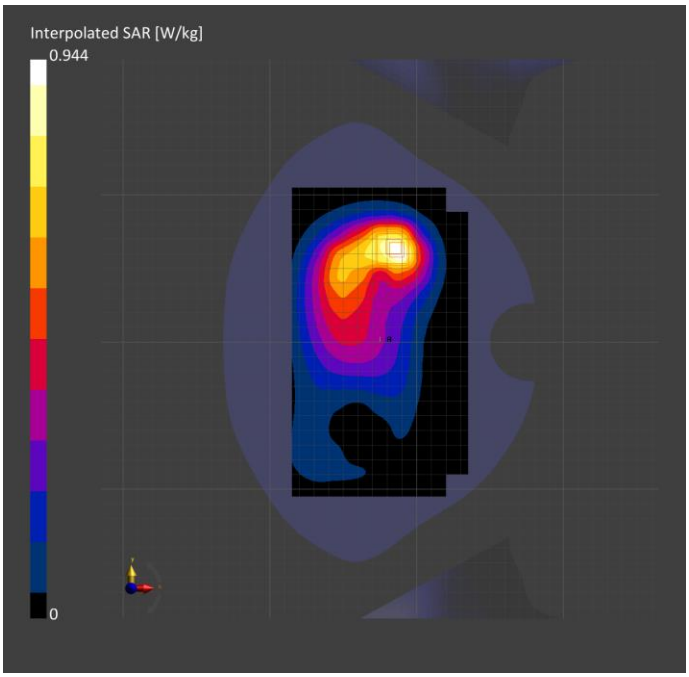
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-16	2022-01-16
psSAR1g [W/kg]	0.496	0.530
psSAR10g [W/kg]	0.290	0.299
Power Drift [dB]	-0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.8
Dist 3dB Peak [mm]		12.9



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for MGA-LX3, BACK, Band 66, E-UTRA/FDD, Channel 132322 (1745.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 10.00	Band 66, E-UTRA/FDD	LTE-FDD, 10297-AAD	1745.0, 132322	8.04	1.36	39.5

Hardware Setup

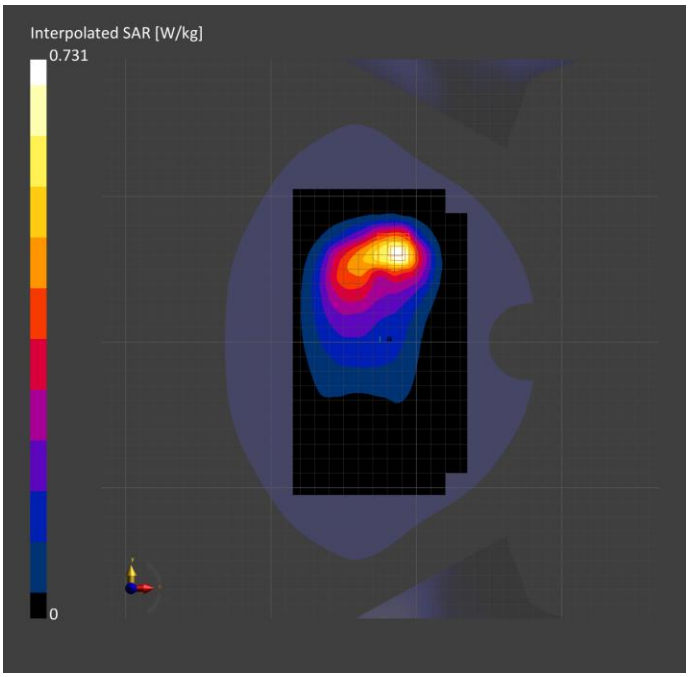
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-17	2022-01-17
psSAR1g [W/kg]	0.364	0.384
psSAR10g [W/kg]	0.203	0.203
Power Drift [dB]	-0.00	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		11.1



Place of Testing: HUAWEI SAR/HAC Lab
Measurement Report for MGA-LX3, CHEEK, 2.4G Wi-Fi, Channel 6 (2437.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	7.23	1.84	38.4

Hardware Setup

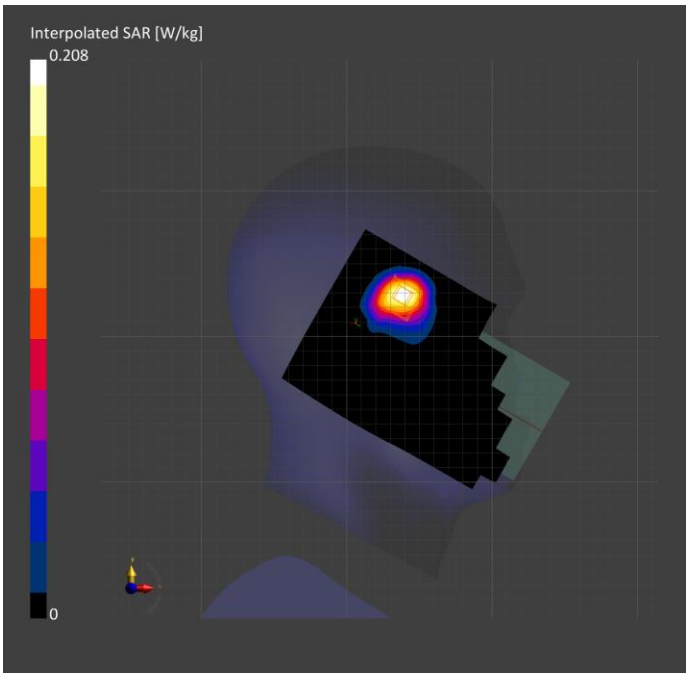
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-21	2022-01-21
psSAR1g [W/kg]	0.092	0.093
psSAR10g [W/kg]	0.046	0.043
Power Drift [dB]	-0.07	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.3
Dist 3dB Peak [mm]		9.1



Place of Testing: HUAWEI SAR/HAC Lab
Measurement Report for MGA-LX3, BACK, 2.4G Wi-Fi, Channel 6 (2437.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 15.00	WLAN 2.4GHz	WLAN, 10315-AAB	2437.0, 6	7.23	1.84	38.4

Hardware Setup

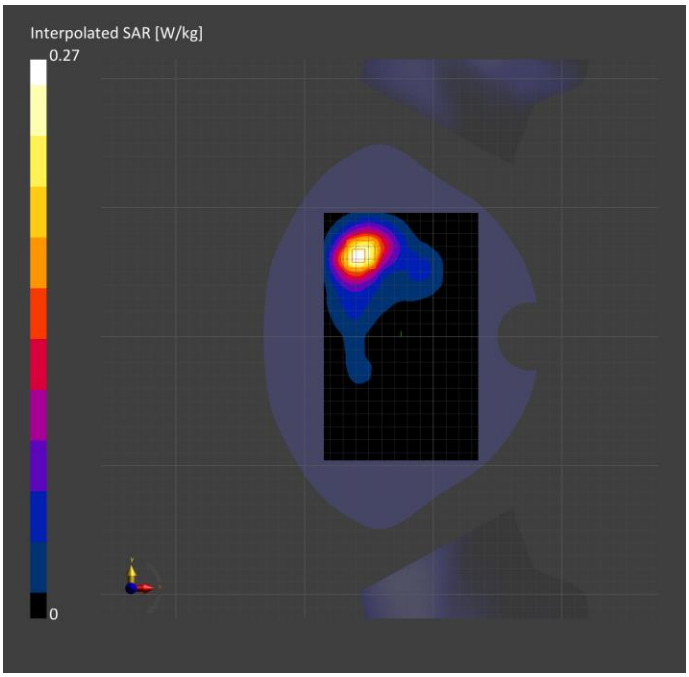
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-20	2022-01-20
psSAR1g [W/kg]	0.134	0.135
psSAR10g [W/kg]	0.070	0.069
Power Drift [dB]	-0.05	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		14.1



Place of Testing: HUAWEI SAR/HAC Lab
Measurement Report for MGA-LX3, BACK, 2.4G Wi-Fi, Channel 6 (2437.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

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, 10.00	WLAN 2.4GHz	WLAN, 10315-AAB	2437.0, 6	7.23	1.84	38.4

Hardware Setup

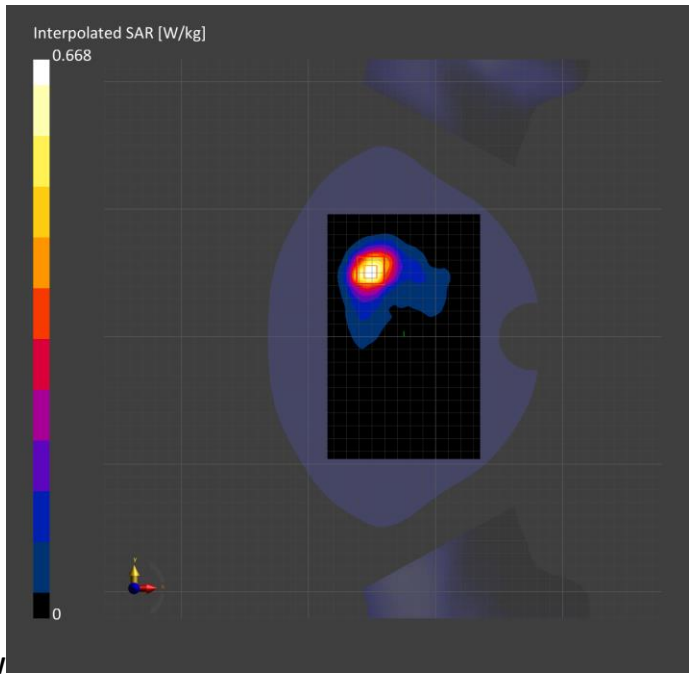
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-20	2022-01-20
psSAR1g [W/kg]	0.310	0.306
psSAR10g [W/kg]	0.155	0.145
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.8
Dist 3dB Peak [mm]		10.8



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Place of Testing: HUAWEI SAR/HAC Lab
Measurement Report for MGA-LX3, CHEEK, BT, Channel 39 (2441.0MHz)

Device under Test Properties

Model	DUT Type
MGA-LX3	Smart Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2441.0, 39	7.23	1.84	38.4

Hardware Setup

Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-21	2022-01-21
psSAR1g [W/kg]	0.041	0.044
psSAR10g [W/kg]	0.020	0.018
Power Drift [dB]	0.04	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		74.0
Dist 3dB Peak [mm]		> 15.0