

BT DH5 39CH 0mm

Measurement Report for Device, BACK, ISM 2.4 GHz Band, UID 10032 CAA, Channel 39 (2441.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm] 80.0 x 80.0 x 10.0	IMEI	DUT Type Phone
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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	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2441.000, 39	7.85	1.86	39.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2023-Dec-29	EX3DV4 - SN7383, 2023-06-05	DAE3 Sn427, 2023-05-17

Scan Setup

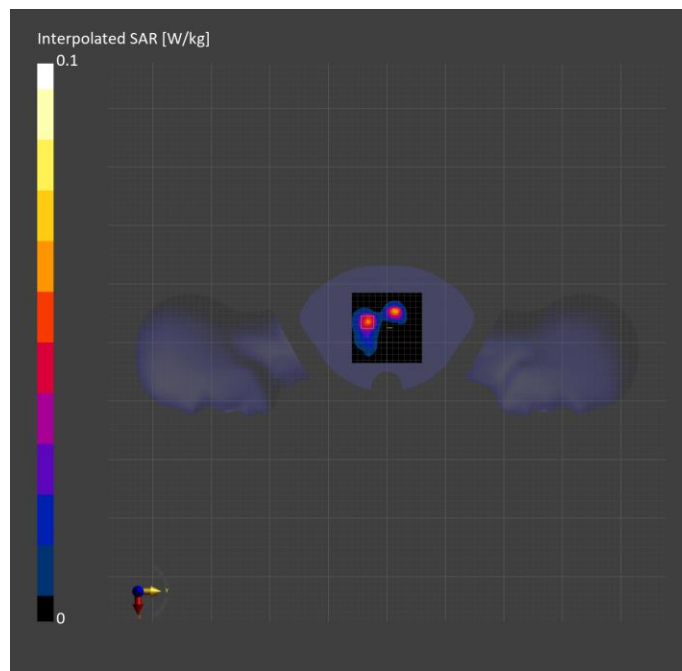
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 15:36	2023-12-29, 15:43
psSAR1g [W/kg]	0.050	0.050
psSAR10g [W/kg]	0.024	0.022
Power Drift [dB]	0.01	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

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



2.4G WIFI 1CH ANT 1 0mm

Measurement Report for Device, BACK, WLAN 2.4GHz, UID 10012 CAB, Channel 1 (2412.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm] 80.0 x 80.0 x 10.0	IMEI	DUT Type Phone
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Exposure Conditions

Phantom Section, TSL Flat, HSL	Position, Test Distance [mm] BACK, 0.00	Band WLAN 2.4GHz	Group, UID WLAN, 10012-CAB	Frequency [MHz], Channel Number 2412.000, 1	Conversion Factor 7.85	TSL Conductivity [S/m] 1.82	TSL Permittivity 39.1
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Hardware Setup

Phantom Twin-SAM V8.0 (30deg probe tilt) - xxxx	TSL, Measured Date HBBL-600-10000 Charge:xxxx, 2023-Dec-29	Probe, Calibration Date EX3DV4 - SN7383, 2023-06-05	DAE, Calibration Date DAE3 Sn427, 2023-05-17
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Scan Setup

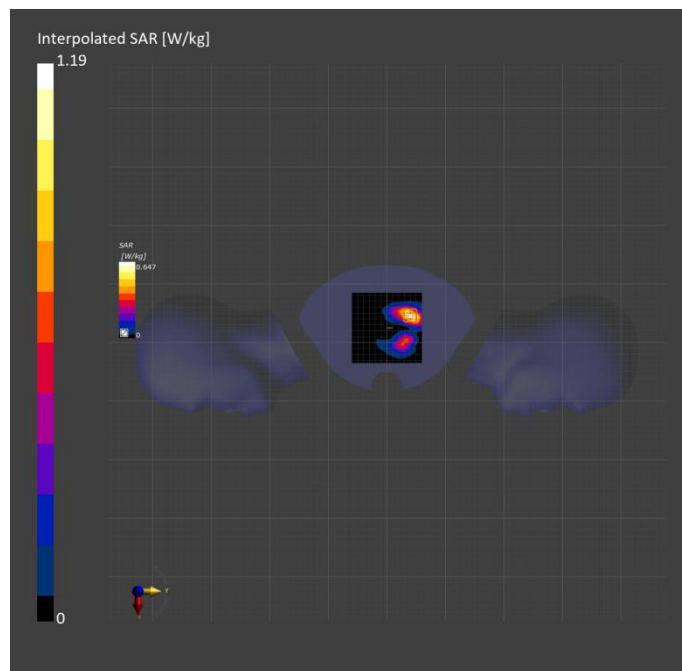
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 14:21	2023-12-29, 14:29
psSAR1g [W/kg]	0.578	0.587
psSAR10g [W/kg]	0.286	0.289
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		9.5

Warning(s) / Error(s)

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



2.4G WIFI 6CH ANT 2 0mm

Measurement Report for Device, BACK, WLAN 2.4GHz, UID 10012 CAB, Channel 6 (2437.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm] 80.0 x 80.0 x 10.0	IMEI	DUT Type Phone
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Exposure Conditions

Phantom Section, TSL Flat, HSL	Position, Test Distance [mm] BACK, 0.00	Band WLAN 2.4GHz	Group, UID WLAN, 10012-CAB	Frequency [MHz], Channel Number 2437.000, 6	Conversion Factor 7.85	TSL Conductivity [S/m] 1.86	TSL Permittivity 39.1
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Hardware Setup

Phantom Twin-SAM V8.0 (30deg probe tilt) - xxxx	TSL, Measured Date HBBL-600-10000 Charge:xxxx, 2023-Dec-29	Probe, Calibration Date EX3DV4 - SN7383, 2023-06-05	DAE, Calibration Date DAE3 Sn427, 2023-05-17
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Scan Setup

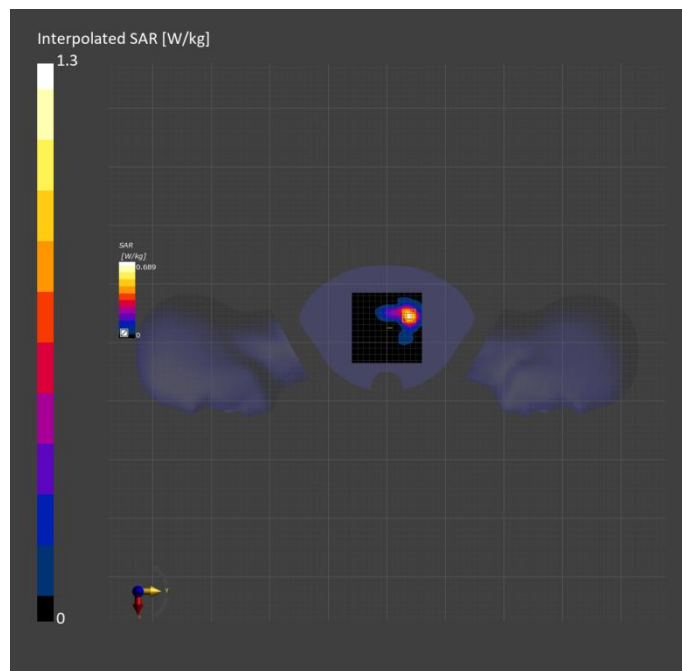
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 18:50	2023-12-29, 18:58
psSAR1g [W/kg]	0.592	0.612
psSAR10g [W/kg]	0.280	0.278
Power Drift [dB]	-0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		9.0

Warning(s) / Error(s)

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



5G WIFI 64CH ANT 1 0mm

Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 64 (5320.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm] 80.0 x 80.0 x 10.0	IMEI	DUT Type Phone
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Exposure Conditions

Phantom Section, TSL Flat, HSL	Position, Test Distance [mm] BACK, 0.00	Band WLAN 5GHz	Group, UID WLAN, 10062-CAE	Frequency [MHz], Channel Number 5320.000, 64	Conversion Factor 5.57	TSL Conductivity [S/m] 4.63	TSL Permittivity 35.7
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Hardware Setup

Phantom Twin-SAM V8.0 (30deg probe tilt) - xxxx	TSL, Measured Date HBBL-600-10000 Charge:xxxx, 2023-Dec-29	Probe, Calibration Date EX3DV4 - SN7383, 2023-06-05	DAE, Calibration Date DAE3 Sn427, 2023-05-17
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Scan Setup

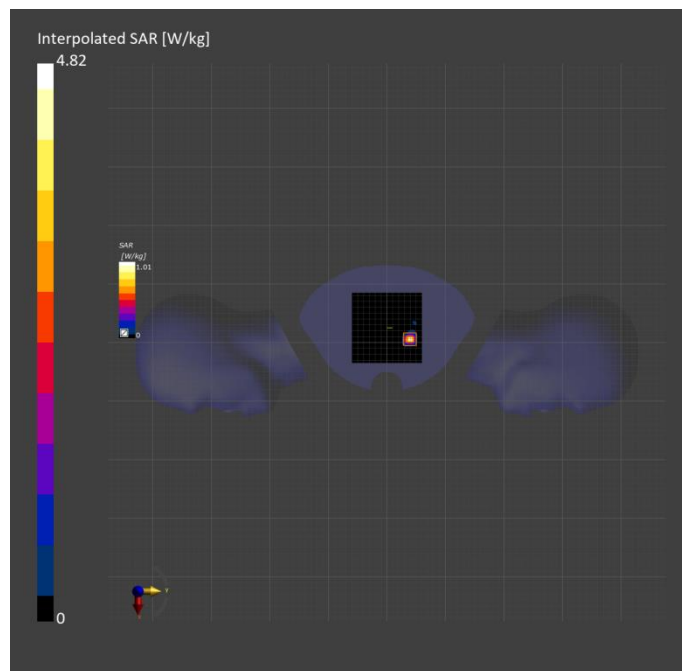
	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 10:41	2023-12-29, 10:55
psSAR1g [W/kg]	0.855	0.974
psSAR10g [W/kg]	0.192	0.190
Power Drift [dB]	0.11	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.6
Dist 3dB Peak [mm]		4.1

Warning(s) / Error(s)

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



5G WIFI 116CH ANT 1 0mm

Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 116 (5580.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm]	IMEI	DUT Type
	80.0 x 80.0 x 10.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5580.000, 116	5.01	4.89	35.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2023-Dec-29	EX3DV4 - SN7383, 2023-06-05	DAE3 Sn427, 2023-05-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.6 x 3.6 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

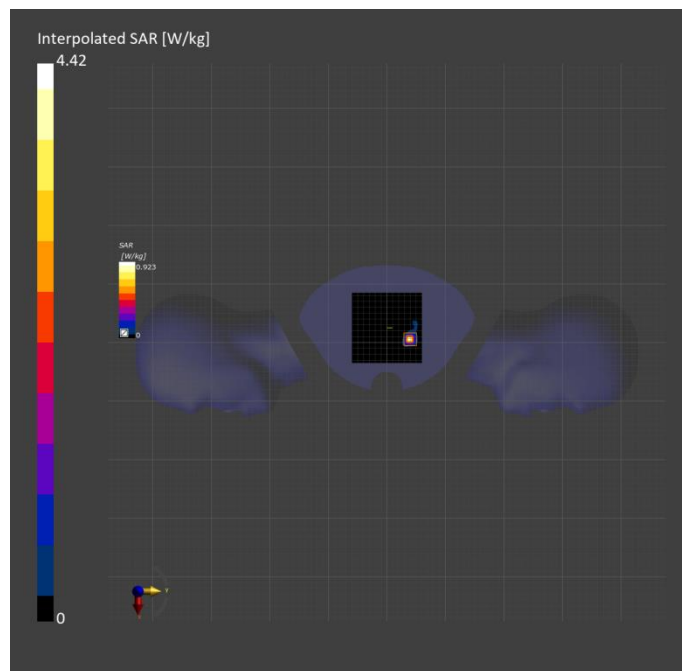
Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 14:54	2023-12-29, 15:04
psSAR1g [W/kg]	0.637	0.825
psSAR10g [W/kg]	0.144	0.153
Power Drift [dB]	-0.05	0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.0
Dist 3dB Peak [mm]		3.6

Warning(s) / Error(s)

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



5G WIFI 157CH ANT 1 0mm

Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 157 (5785.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm]	IMEI	DUT Type
	80.0 x 80.0 x 10.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5785.000, 157	5.08	5.12	34.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2023-Dec-29	EX3DV4 - SN7383, 2023-06-05	DAE3 Sn427, 2023-05-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 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

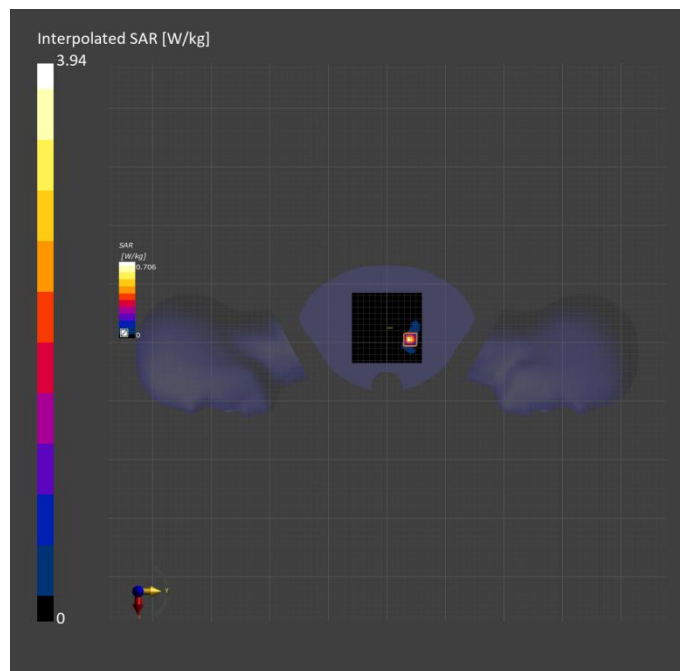
Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 13:32	2023-12-29, 13:42
psSAR1g [W/kg]	0.616	0.695
psSAR10g [W/kg]	0.142	0.133
Power Drift [dB]	-0.09	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.4
Dist 3dB Peak [mm]		3.8

Warning(s) / Error(s)

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



5G WIFI 64CH ANT 2 0mm

Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 64 (5320.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm]	IMEI	DUT Type
	80.0 x 80.0 x 10.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5320.000, 64	5.57	4.63	35.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2023-Dec-29	EX3DV4 - SN7383, 2023-06-05	DAE3 Sn427, 2023-05-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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

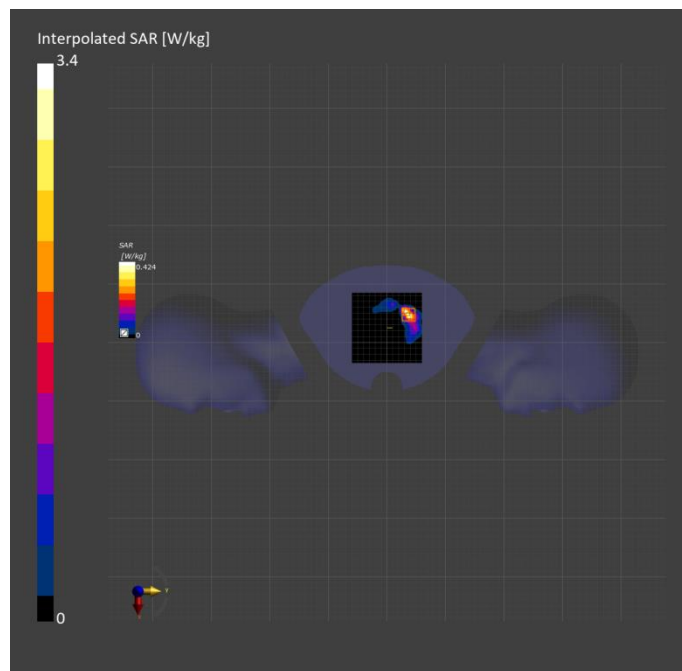
Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 20:23	2023-12-29, 20:39
psSAR1g [W/kg]	0.348	0.656
psSAR10g [W/kg]	0.119	0.140
Power Drift [dB]	-0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.4
Dist 3dB Peak [mm]		4.2

Warning(s) / Error(s)

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



5G WIFI 100CH ANT 2 0mm

Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 100 (5500.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm]	IMEI	DUT Type
	80.0 x 80.0 x 10.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5500.000, 100	5.01	4.78	35.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2023-Dec-29	EX3DV4 - SN7383, 2023-06-05	DAE3 Sn427, 2023-05-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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

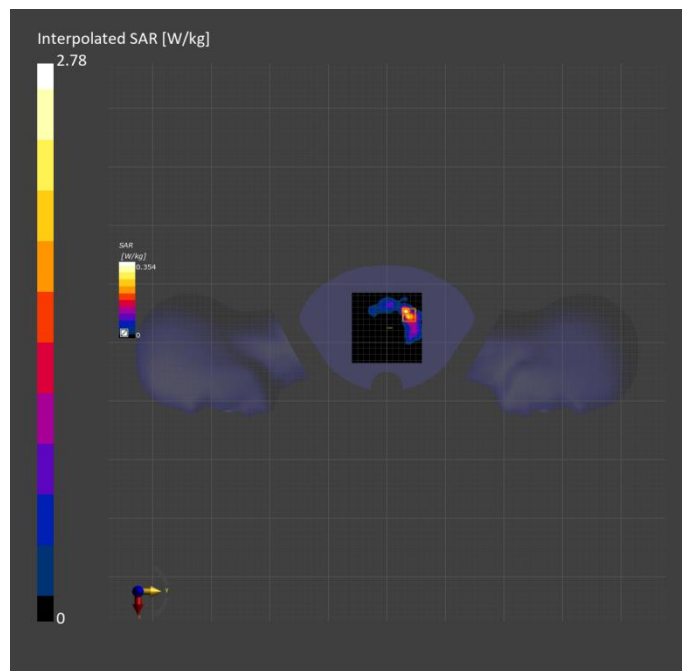
Measurement Results

	Area Scan	Zoom Scan
Date	2023-12-29, 19:55	2023-12-29, 20:11
psSAR1g [W/kg]	0.281	0.513
psSAR10g [W/kg]	0.093	0.113
Power Drift [dB]	0.07	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.6
Dist 3dB Peak [mm]		4.4

Warning(s) / Error(s)

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



5G WIFI 157H ANT 2 0mm

Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 157 (5785.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm]	IMEI	DUT Type
	80.0 x 80.0 x 10.0		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, 0.00	WLAN 5GHz	WLAN, 10062-CAE	5785.000, 157	5.08	5.12	34.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2023-Dec-29	EX3DV4 - SN7383, 2023-06-05	DAE3 Sn427, 2023-05-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	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	2023-12-29, 19:30	2023-12-29, 19:44
psSAR1g [W/kg]	0.235	0.334
psSAR10g [W/kg]	0.072	0.075
Power Drift [dB]	0.20	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.0
Dist 3dB Peak [mm]		3.9

Warning(s) / Error(s)

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

