

Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

99_WCDMA Band IV_RMC12.2K_Rear Face_5mm_Ch1413_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 4	WCDMA, 10011 - CAB	1732.600, 1413	8.68	1.39	41.8

Hardware Setup

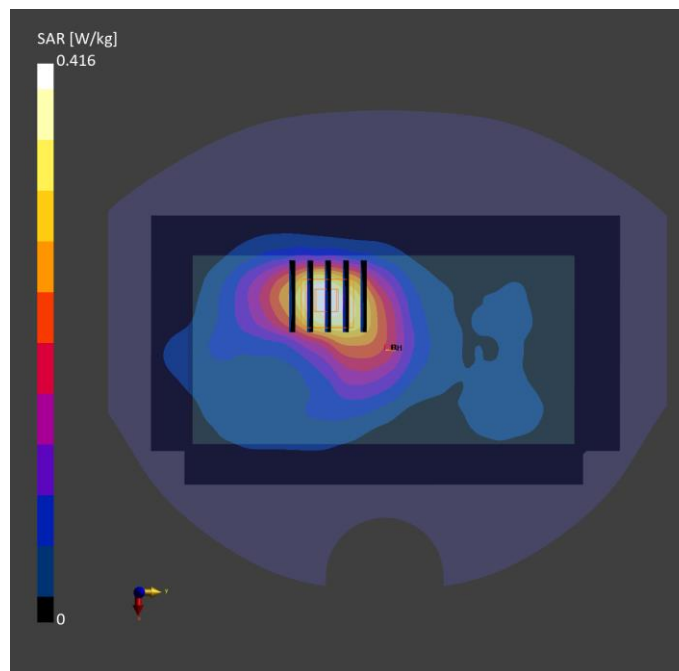
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.112	0.118
psSAR-10g [W/kg]	0.067	0.067
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.5
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

100_WCDMA Band V_RMC12.2K_Rear Face_5mm_Ch4233_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	WCDMA, 10011 - CAB	846.600, 4233	9.67	0.971	43.0

Hardware Setup

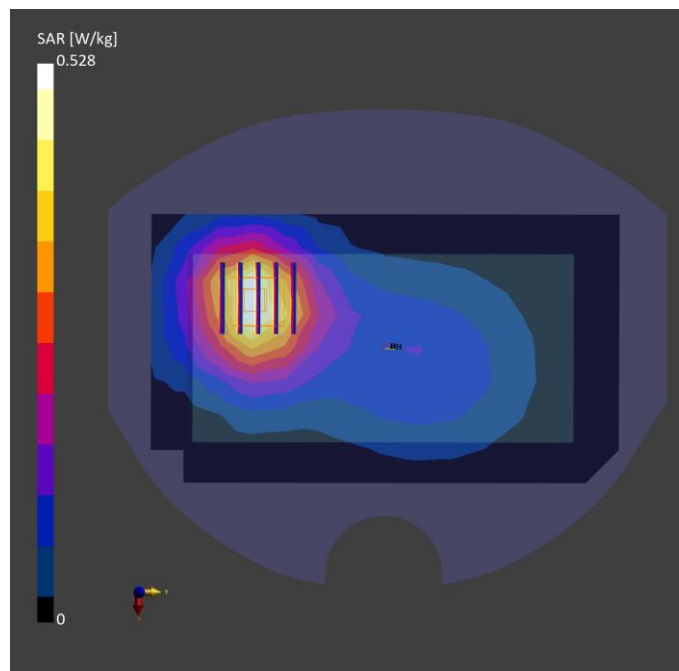
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.475	0.488
psSAR-10g [W/kg]	0.314	0.316
Power Drift [dB]		-0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.1
Dist 3dB Peak [mm]		19.6



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

101_WCDMA Band V_RMC12.2K_Front Face_5mm_Ch4182_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	WCDMA, 10011 - CAB	836.400, 4182	9.67	0.967	43.1

Hardware Setup

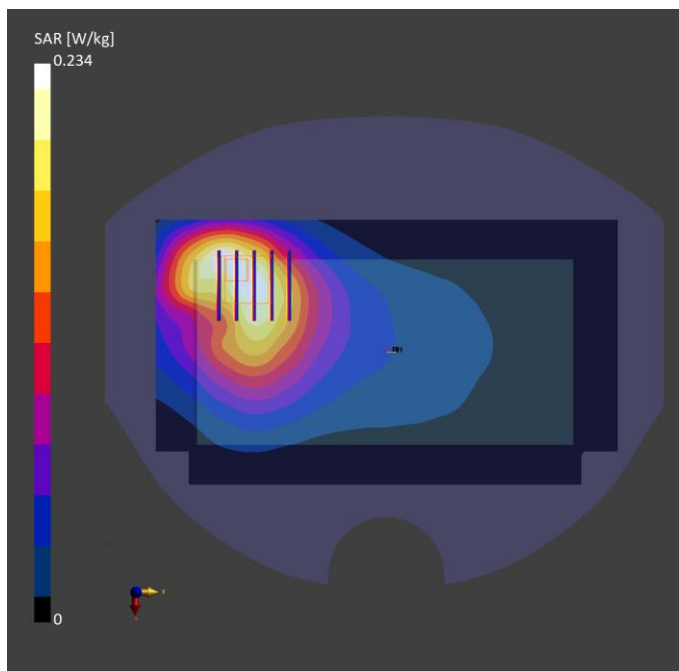
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.226	0.234
psSAR-10g [W/kg]	0.153	0.149
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.6
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

110_LTE Band 5_QPSK10M_Front Face_5mm_Ch20600_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	LTE-FDD, 10175 - CAH	844.000, 20600	9.67	0.969	43.1

Hardware Setup

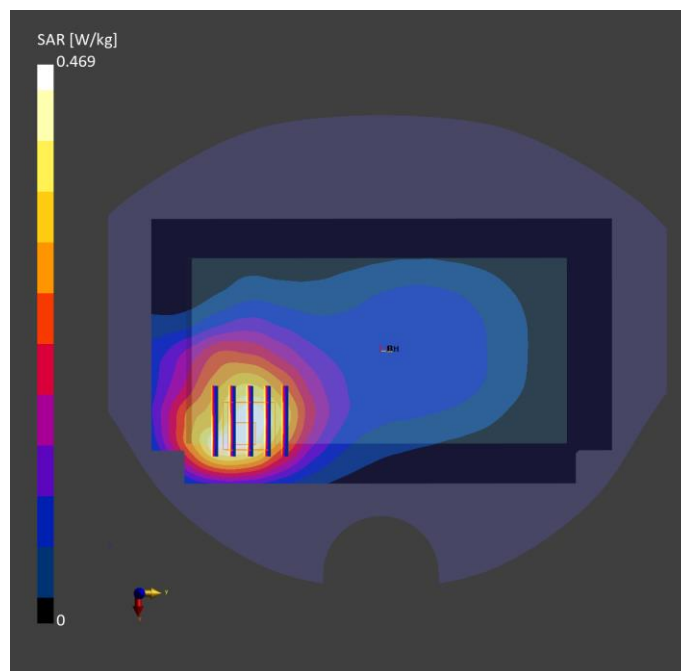
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.462	0.482
psSAR-10g [W/kg]	0.311	0.305
Power Drift [dB]		-0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.1
Dist 3dB Peak [mm]		17.4



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

111_LTE Band 5_QPSK10M_Front Face_5mm_Ch20450_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	LTE-FDD, 10175 - CAH	829.000, 20450	9.67	0.964	43.1

Hardware Setup

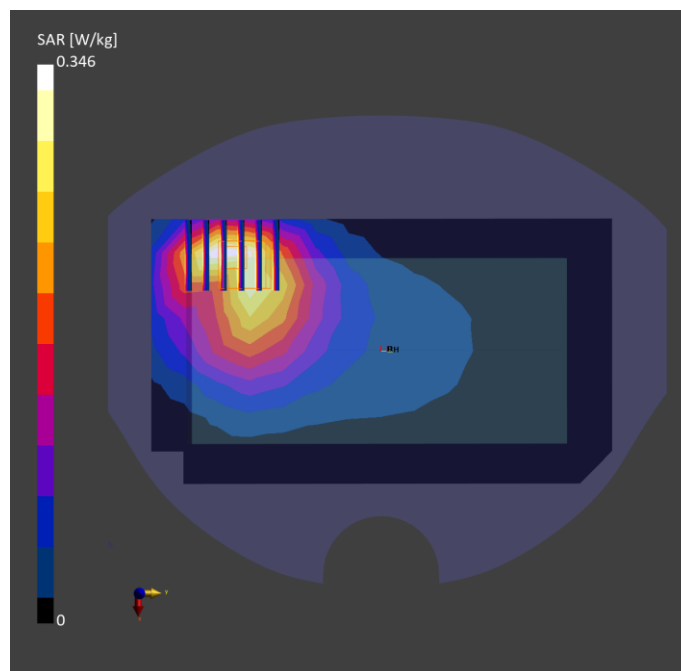
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.299	0.293
psSAR-10g [W/kg]	0.196	0.183
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.0
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

112_LTE Band 7_QPSK20M_Front Face_5mm_Ch21100_1RB_Offset0_Ant 0_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.93	39.7

Hardware Setup

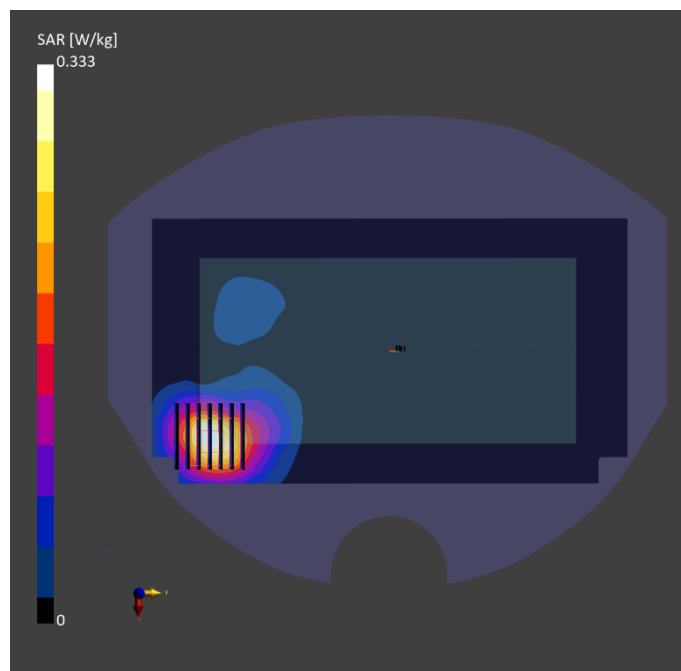
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.303	0.310
psSAR-10g [W/kg]	0.124	0.145
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.4
Dist 3dB Peak [mm]		10.8



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

113_LTE Band 7_QPSK20M_Front Face_5mm_Ch21100_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.93	39.7

Hardware Setup

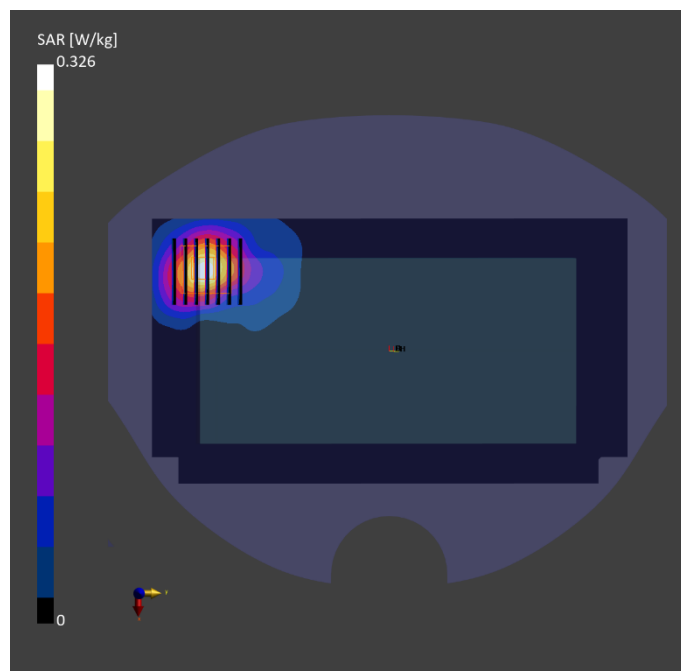
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.333	0.356
psSAR-10g [W/kg]	0.147	0.150
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.1
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

114_LTE Band 7_QPSK20M_Front Face_5mm_Ch20850_1RB_Offset0_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2510.000, 20850	7.36	1.91	39.7

Hardware Setup

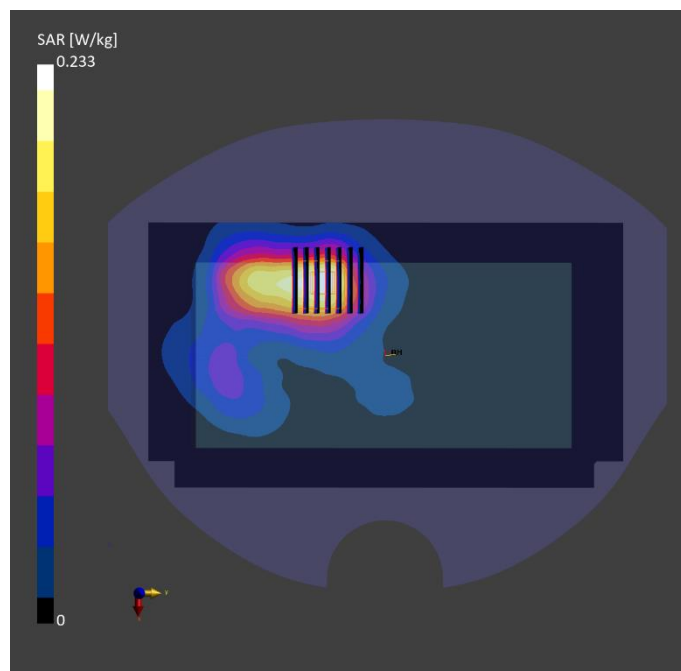
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.148	0.151
psSAR-10g [W/kg]	0.079	0.081
Power Drift [dB]		-0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.0
Dist 3dB Peak [mm]		11.8



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

115_LTE Band 7_QPSK20M_Rear Face_5mm_Ch21100_1RB_Offset0_Ant 3_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.93	39.7

Hardware Setup

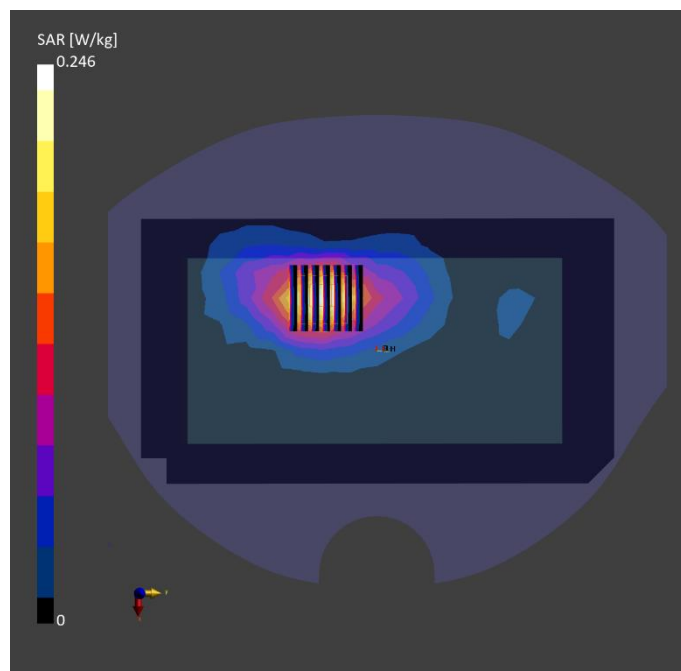
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.345	0.352
psSAR-10g [W/kg]	0.131	0.143
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.5
Dist 3dB Peak [mm]		11.8



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

116_LTE Band 12_QPSK10M_Rear Face_5mm_Ch23095_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 12	LTE-FDD, 10175 - CAH	707.500, 23095	9.81	0.897	44.3

Hardware Setup

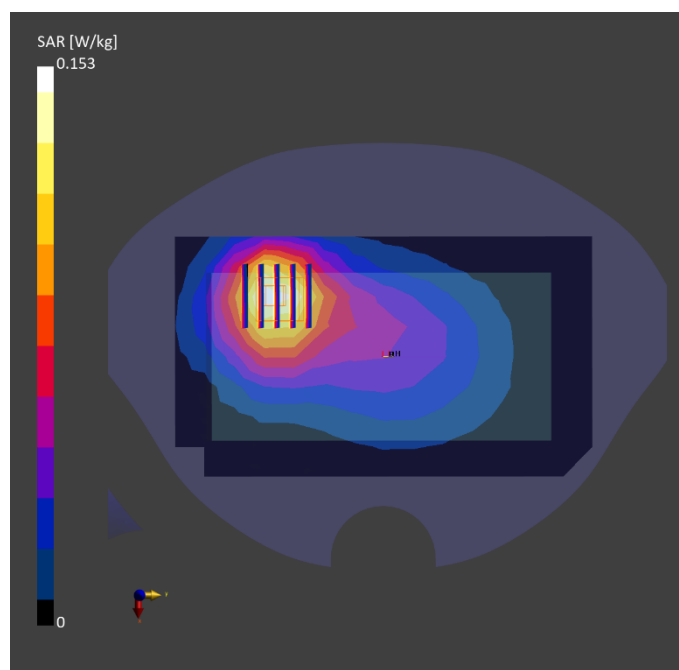
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.138	0.140
psSAR-10g [W/kg]	0.093	0.092
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		73.7
Dist 3dB Peak [mm]		20.4



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

117_LTE Band 12_QPSK10M_Front Face_5mm_Ch23130_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 12	LTE-FDD, 10175 - CAH	711.000, 23130	9.81	0.899	44.3

Hardware Setup

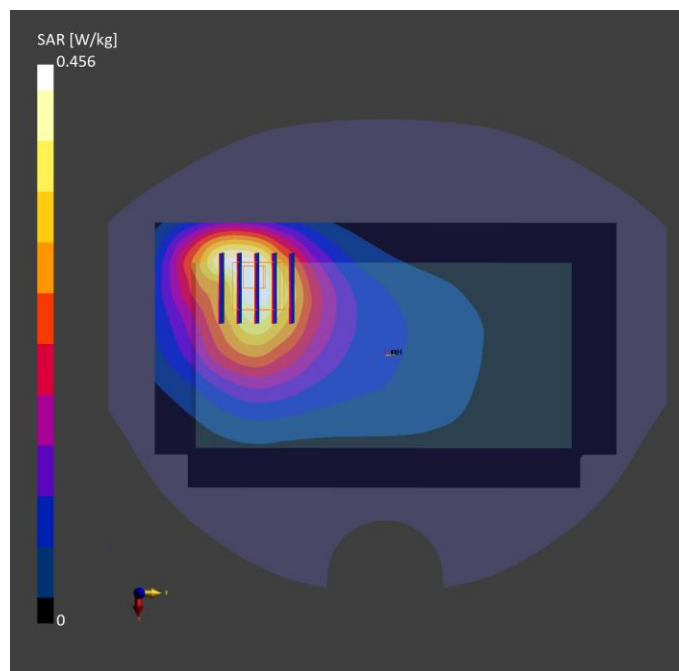
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.324	0.331
psSAR-10g [W/kg]	0.221	0.215
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.7
Dist 3dB Peak [mm]		20.1



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

118_LTE Band 13_QPSK10M_Front Face_5mm_Ch23230_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 13	LTE-FDD, 10175 - CAH	782.000, 23230	9.81	0.924	44.1

Hardware Setup

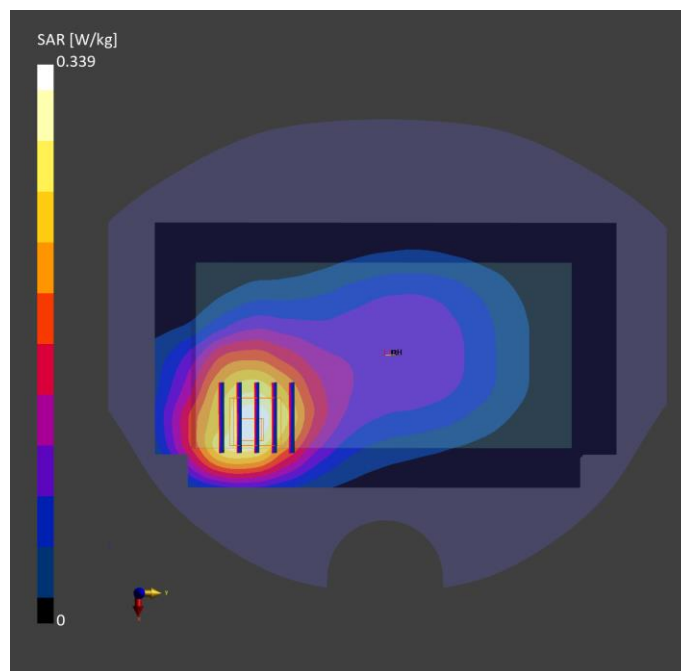
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.242	0.249
psSAR-10g [W/kg]	0.164	0.162
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.1
Dist 3dB Peak [mm]		20.1



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

119_LTE Band 13_QPSK10M_Front Face_5mm_Ch23230_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 13	LTE-FDD, 10175 - CAH	782.000, 23230	9.81	0.924	44.1

Hardware Setup

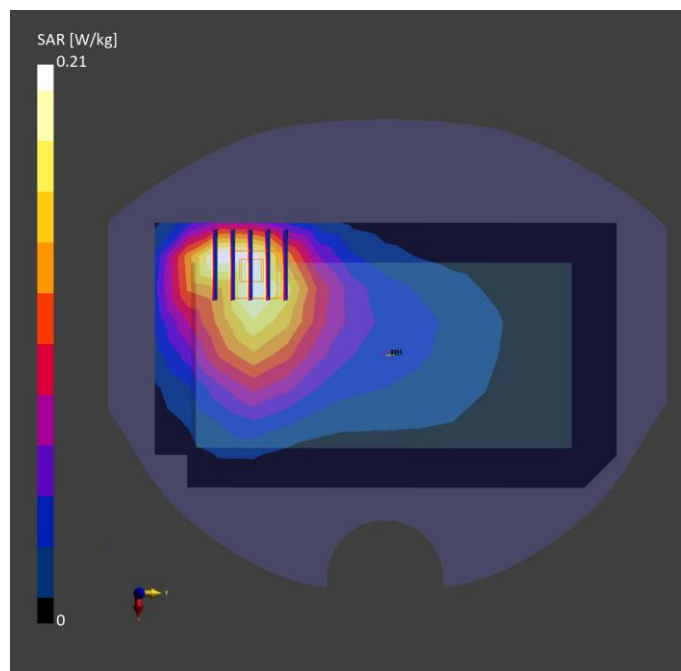
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.190	0.293
psSAR-10g [W/kg]	0.128	0.123
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.8
Dist 3dB Peak [mm]		16.4



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

120_LTE Band 14_QPSK10M_Rear Face_5mm_Ch23330_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 14	LTE-FDD, 10175 - CAH	793.000, 23330	9.81	0.928	44.0

Hardware Setup

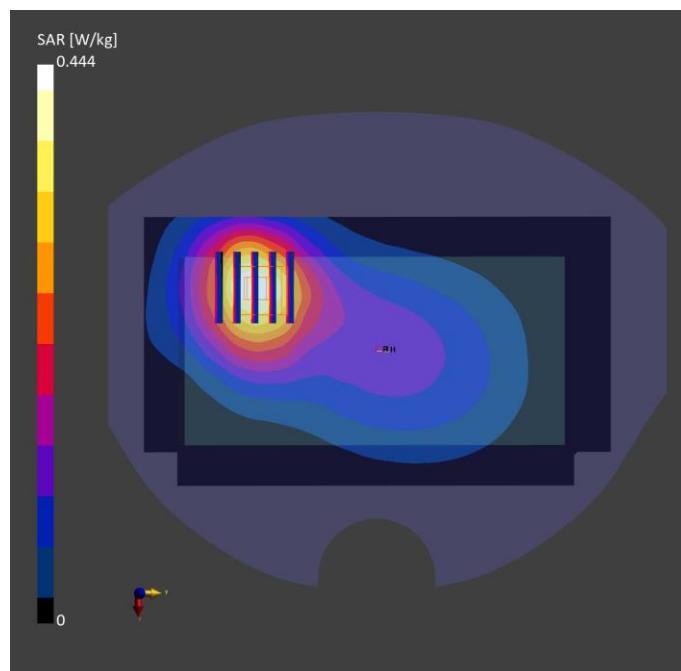
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.318	0.326
psSAR-10g [W/kg]	0.212	0.211
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.6
Dist 3dB Peak [mm]		20.4



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

121_LTE Band 14_QPSK10M_Front Face_5mm_Ch23330_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 14	LTE-FDD, 10175 - CAH	793.000, 23330	9.81	0.928	44.0

Hardware Setup

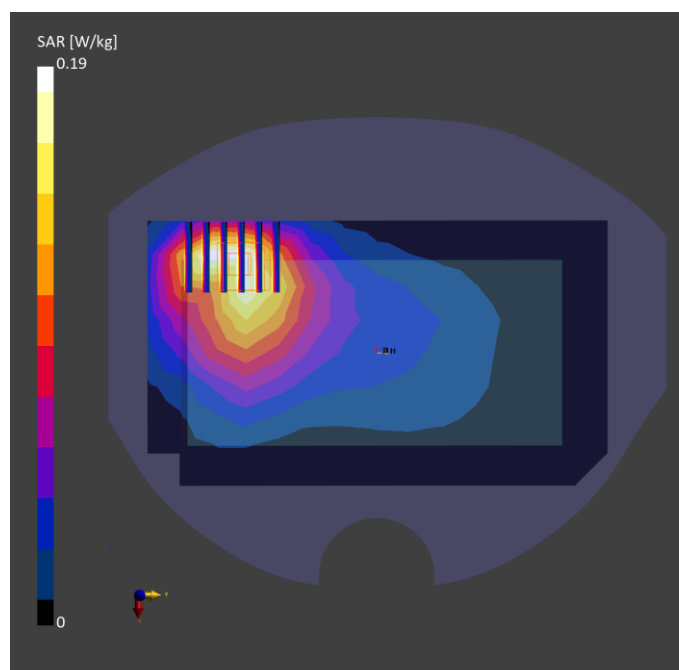
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.168	0.267
psSAR-10g [W/kg]	0.112	0.105
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.0
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

122_LTE Band 25_QPSK20M_Front Face_5mm_Ch26140_1RB_Offset0_Ant 0_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 25	LTE-FDD, 10169 - CAF	1860.000, 26140	8.25	1.45	41.2

Hardware Setup

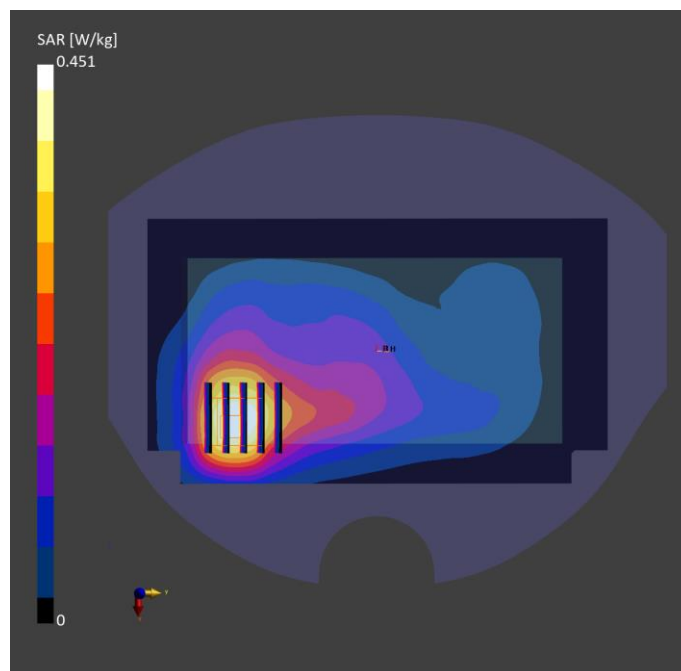
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.305	0.431
psSAR-10g [W/kg]	0.183	0.226
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.4
Dist 3dB Peak [mm]		17.1



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

123_LTE Band 25_QPSK20M_Front Face_5mm_Ch26140_1RB_Offset0_Ant 1_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 25	LTE-FDD, 10169 - CAF	1860.000, 26140	8.25	1.45	41.2

Hardware Setup

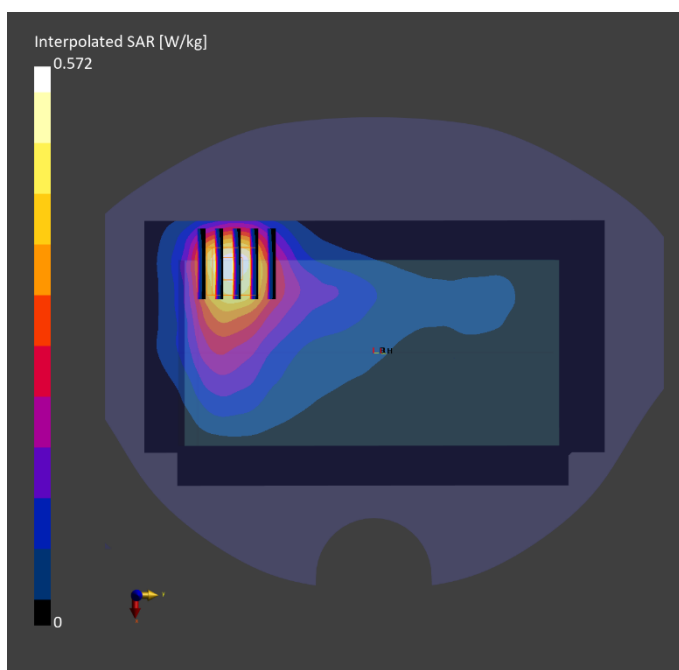
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.322	0.449
psSAR-10g [W/kg]	0.188	0.239
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.1
Dist 3dB Peak [mm]		14.5



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

124_LTE Band 25_QPSK20M_Rear Face_5mm_Ch26590_1RB_Offset0_Ant 2_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 25	LTE-FDD, 10169 - CAF	1905.000, 26590	8.25	1.47	41.1

Hardware Setup

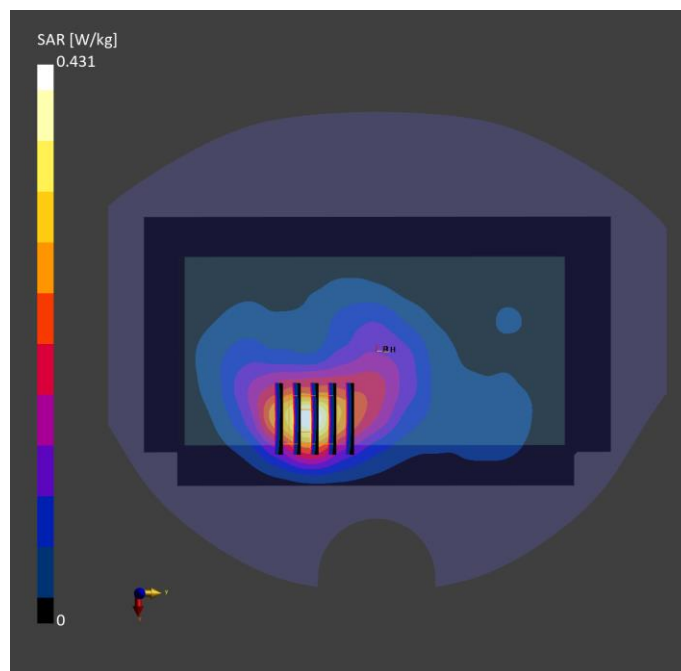
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.378	0.394
psSAR-10g [W/kg]	0.163	0.186
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.0
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

125_LTE Band 25_QPSK20M_Rear Face_5mm_Ch26590_1RB_Offset0_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 25	LTE-FDD, 10169 - CAF	1905.000, 26590	8.25	1.47	41.1

Hardware Setup

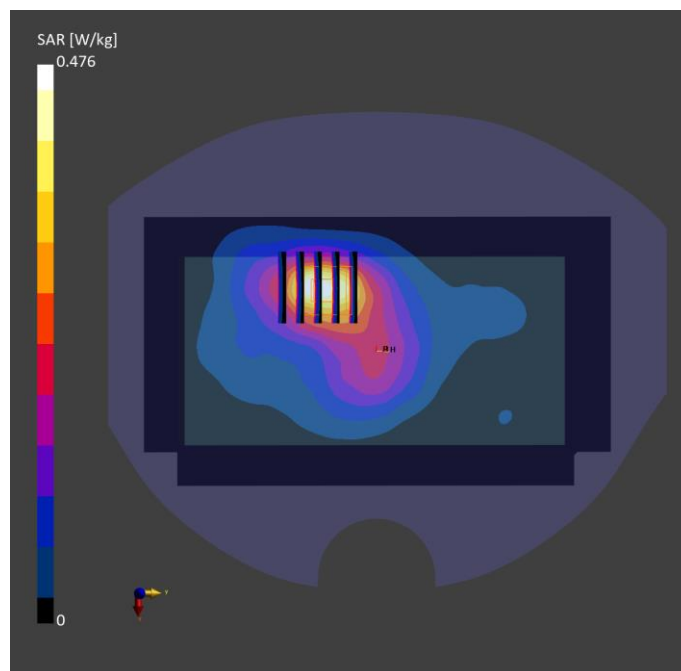
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.298	0.322
psSAR-10g [W/kg]	0.165	0.175
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.8
Dist 3dB Peak [mm]		12.8



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

126_LTE Band 26_QPSK15M_Rear Face_5mm_Ch26865_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 26	LTE-FDD, 10181 - CAF	831.500, 26865	9.67	0.965	43.1

Hardware Setup

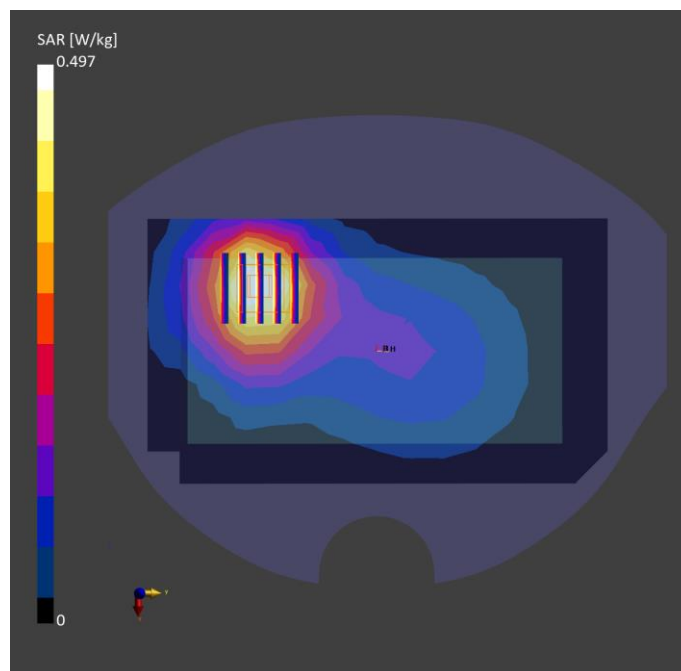
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.480	0.489
psSAR-10g [W/kg]	0.317	0.313
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.8
Dist 3dB Peak [mm]		20.4



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

127_LTE Band 26_QPSK15M_Front Face_5mm_Ch26765_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 26	LTE-FDD, 10181 - CAF	821.500, 26765	9.67	0.960	43.1

Hardware Setup

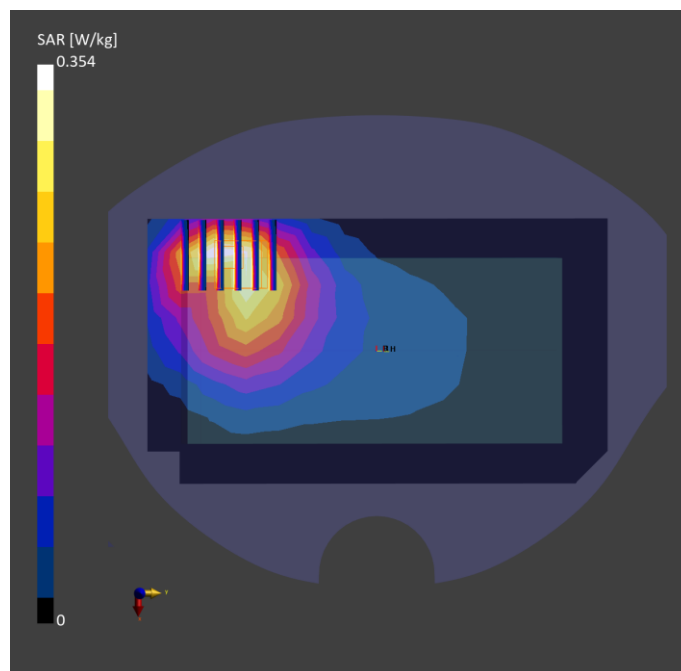
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.307	0.302
psSAR-10g [W/kg]	0.203	0.189
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.8
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

128_LTE Band 30_QPSK10M_Rear Face_5mm_Ch27710_1RB_Offset0_Ant 0_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.92	1.71	40.0

Hardware Setup

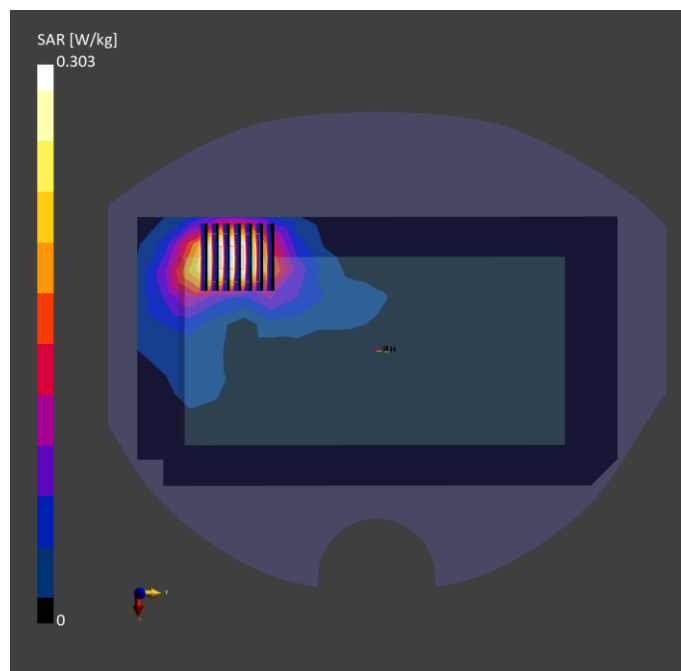
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.280	0.406
psSAR-10g [W/kg]	0.150	0.189
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.8
Dist 3dB Peak [mm]		11.0



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

129_LTE Band 30_QPSK10M_Rear Face_5mm_Ch27710_1RB_Offset0_Ant 1_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.92	1.71	40.0

Hardware Setup

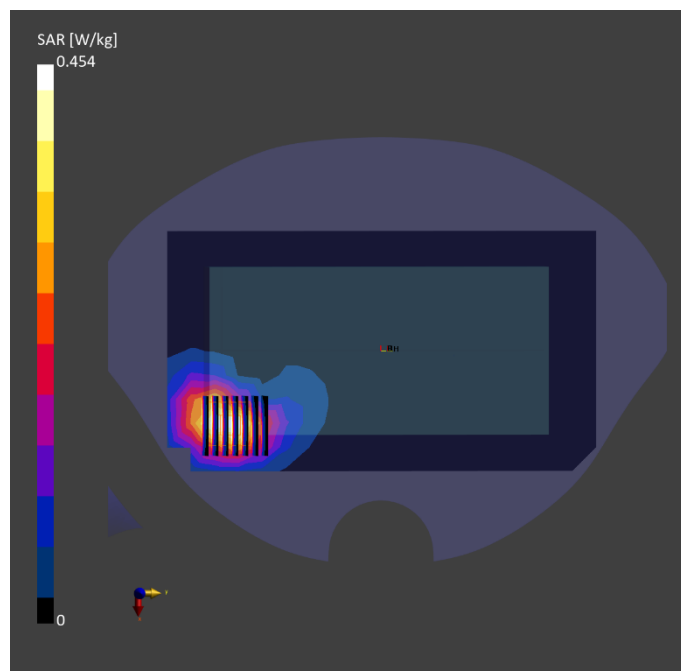
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.381	0.493
psSAR-10g [W/kg]	0.200	0.237
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.3
Dist 3dB Peak [mm]		12.0



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

130_LTE Band 30_QPSK10M_Rear Face_5mm_Ch27710_1RB_Offset0_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.92	1.71	40.0

Hardware Setup

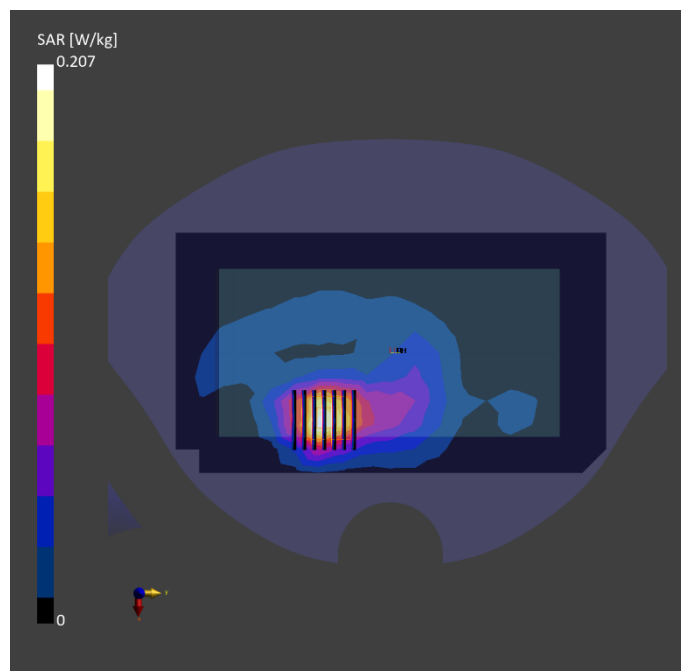
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.169	0.180
psSAR-10g [W/kg]	0.087	0.089
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.5
Dist 3dB Peak [mm]		12.1



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

131_LTE Band 30_QPSK10M_Rear Face_5mm_Ch27710_1RB_Offset0_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.92	1.71	40.0

Hardware Setup

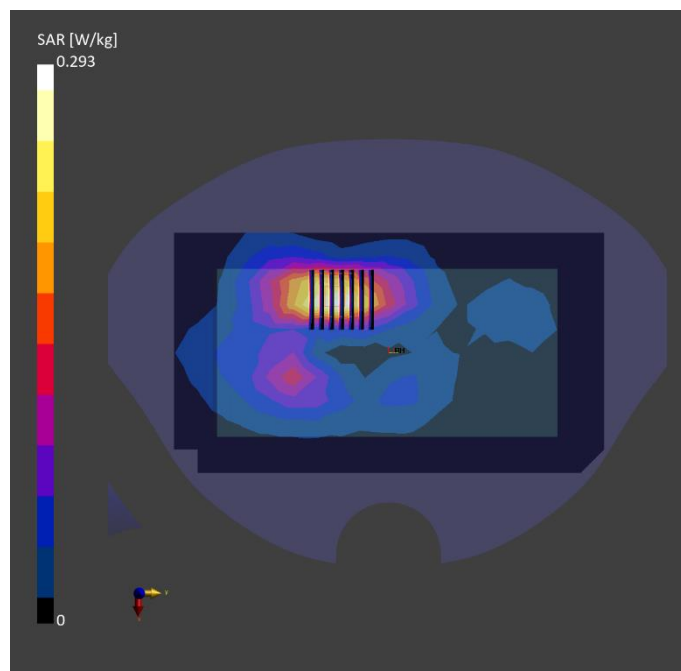
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.243	0.357
psSAR-10g [W/kg]	0.127	0.156
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.0
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

132_LTE Band 38_QPSK20M_Rear Face_5mm_Ch38000_1RB_Offset0_Ant 0_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 38	LTE-TDD, 10172 - CAH	2595.000, 38000	7.36	1.97	39.5

Hardware Setup

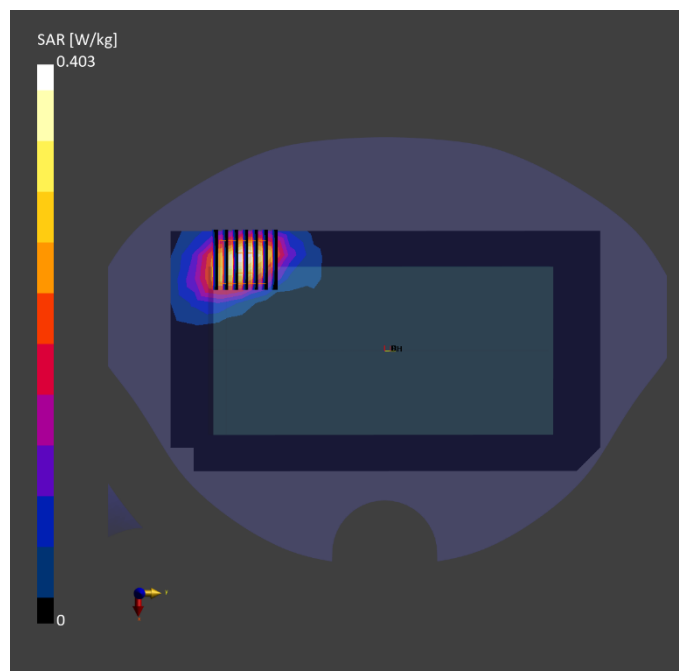
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.323	0.386
psSAR-10g [W/kg]	0.163	0.188
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.1
Dist 3dB Peak [mm]		10.8



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

133_LTE Band 38_QPSK20M_Rear Face_5mm_Ch38150_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 38	LTE-TDD, 10172 - CAH	2610.000, 38150	7.36	1.98	39.5

Hardware Setup

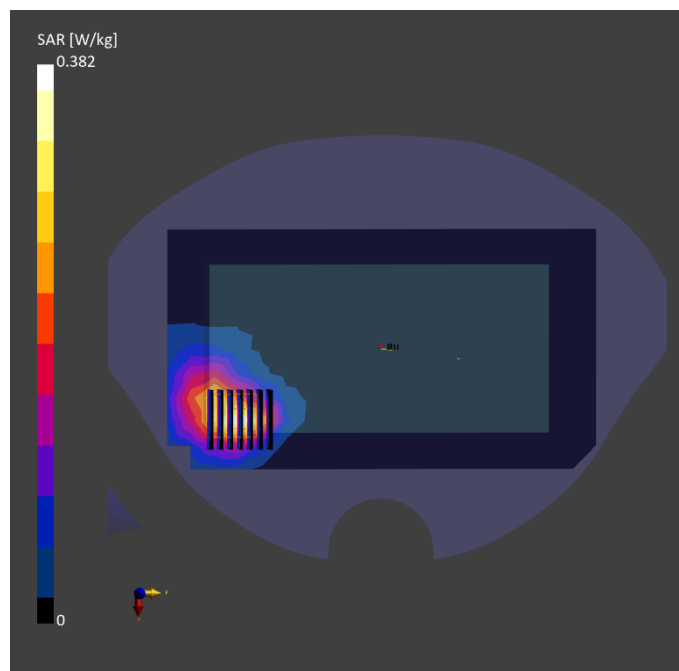
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.393	0.398
psSAR-10g [W/kg]	0.167	0.179
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.5
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

134_LTE Band 38_QPSK20M_Front Face_5mm_Ch37850_1RB_Offset0_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 38	LTE-TDD, 10172 - CAH	2580.000, 37850	7.36	1.96	39.6

Hardware Setup

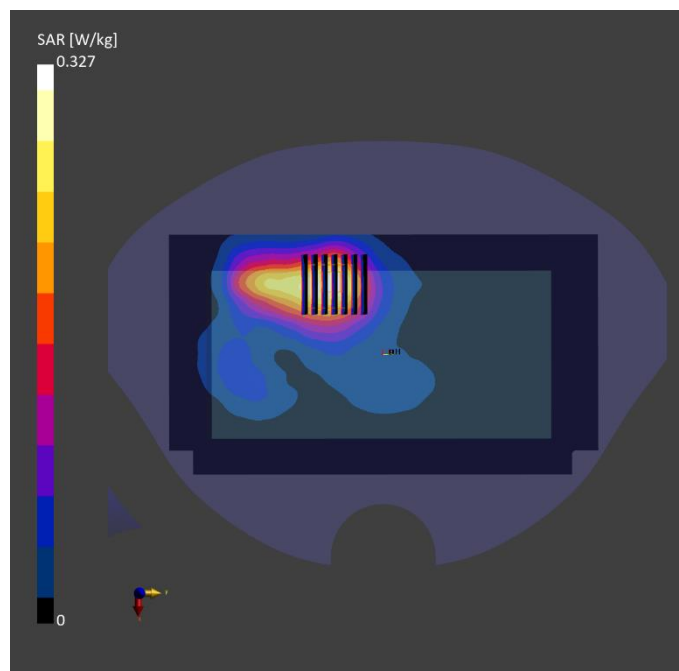
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.210	0.213
psSAR-10g [W/kg]	0.112	0.115
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.3
Dist 3dB Peak [mm]		12.4



Test Date : 2023-11-21 | Ambient Temp : 22.5 °C | Tissue Temp : 22.3 °C

Test Mode

135_LTE Band 38_QPSK20M_Rear Face_5mm_Ch38000_1RB_Offset0_Ant 3_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 38	LTE-TDD, 10172 - CAH	2595.000, 38000	7.36	1.97	39.5

Hardware Setup

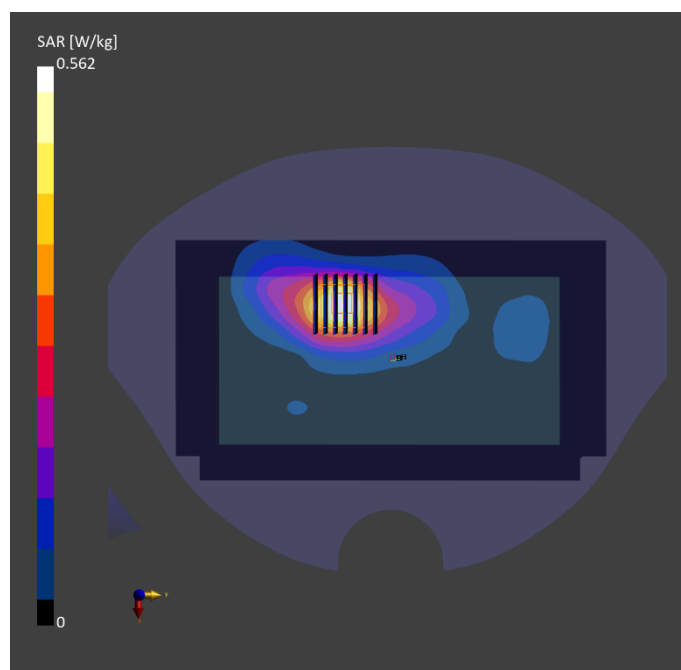
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.431	0.443
psSAR-10g [W/kg]	0.173	0.189
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.3
Dist 3dB Peak [mm]		11.0



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

136_LTE Band 40_QPSK20M_Rear Face_5mm_Ch38750_1RB_Offset0_Ant 0_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 40	LTE-TDD, 10172 - CAH	2310.000, 38750	7.92	1.71	40.0

Hardware Setup

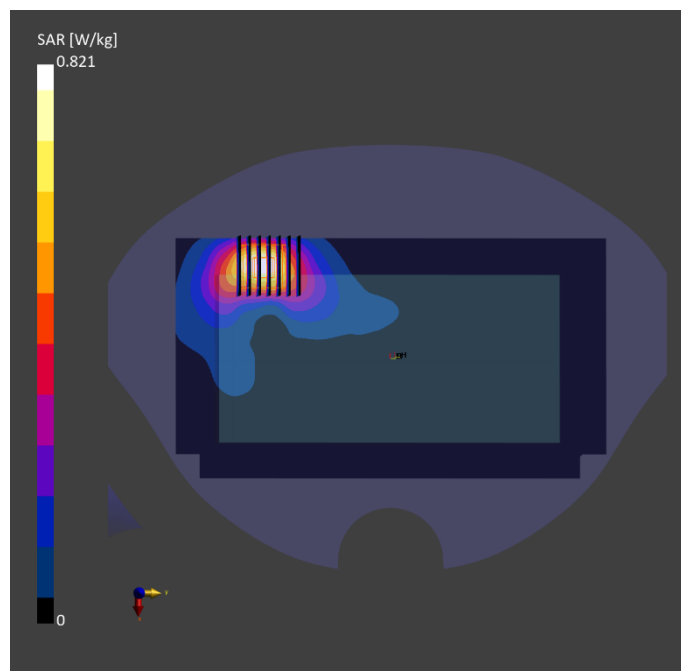
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.457	0.521
psSAR-10g [W/kg]	0.205	0.214
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.6
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

137_LTE Band 40_QPSK20M_Rear Face_5mm_Ch38750_1RB_Offset0_Ant 1_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 40	LTE-TDD, 10172 - CAH	2310.000, 38750	7.92	1.71	40.0

Hardware Setup

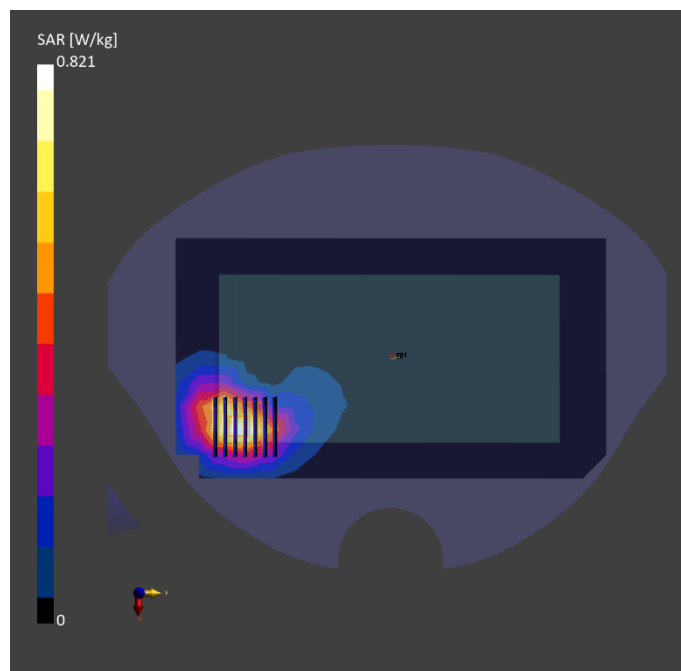
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.488	0.494
psSAR-10g [W/kg]	0.158	0.168
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.8
Dist 3dB Peak [mm]		11.7



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

138_LTE Band 40_QPSK20M_Front Face_5mm_Ch38750_1RB_Offset0_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 40	LTE-TDD, 10172 - CAH	2310.000, 38750	7.92	1.71	40.0

Hardware Setup

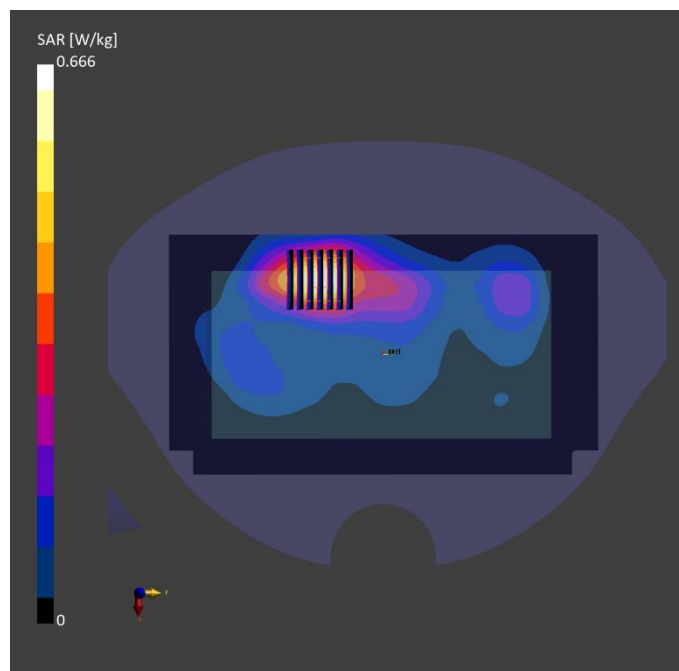
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.408	0.435
psSAR-10g [W/kg]	0.218	0.226
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.3
Dist 3dB Peak [mm]		11.8



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

139_LTE Band 40_QPSK20M_Front Face_5mm_Ch38750_1RB_Offset0_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 40	LTE-TDD, 10172 - CAH	2310.000, 38750	7.92	1.71	40.0

Hardware Setup

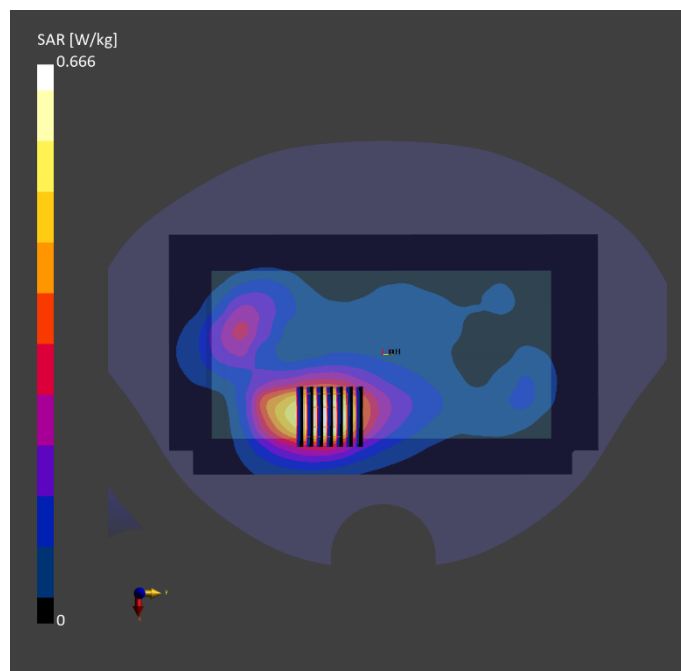
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.365	0.386
psSAR-10g [W/kg]	0.203	0.210
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.1
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

140_LTE Band 41_QPSK20M_Rear Face_5mm_Ch40620_1RB_Offset0_Ant 0_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 41	LTE-TDD, 10172 - CAH	2593.000, 40620	7.36	1.99	40.5

Hardware Setup

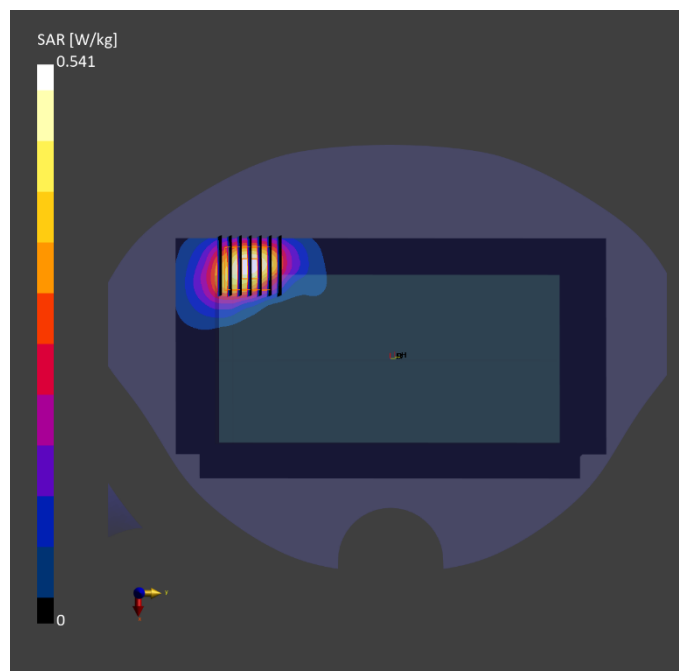
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.435	0.461
psSAR-10g [W/kg]	0.190	0.221
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.7
Dist 3dB Peak [mm]		11.0



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

141_LTE Band 41_QPSK20M_Rear Face_5mm_Ch40620_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 41	LTE-TDD, 10172 - CAH	2593.000, 40620	7.36	1.99	40.5

Hardware Setup

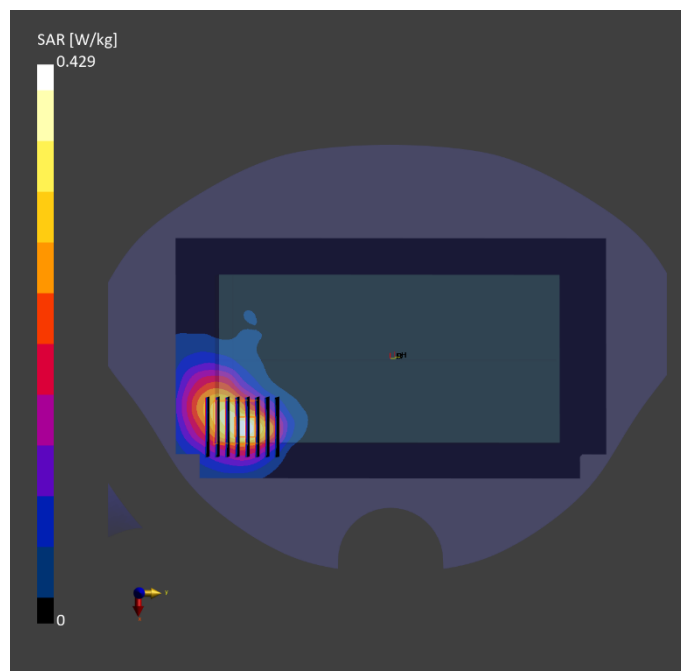
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.317	0.374
psSAR-10g [W/kg]	0.143	0.144
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.9
Dist 3dB Peak [mm]		9.9



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

142_LTE Band 41_QPSK20M_Front Face_5mm_Ch40620_1RB_Offset0_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 41	LTE-TDD, 10172 - CAH	2593.000, 40620	7.36	1.99	40.5

Hardware Setup

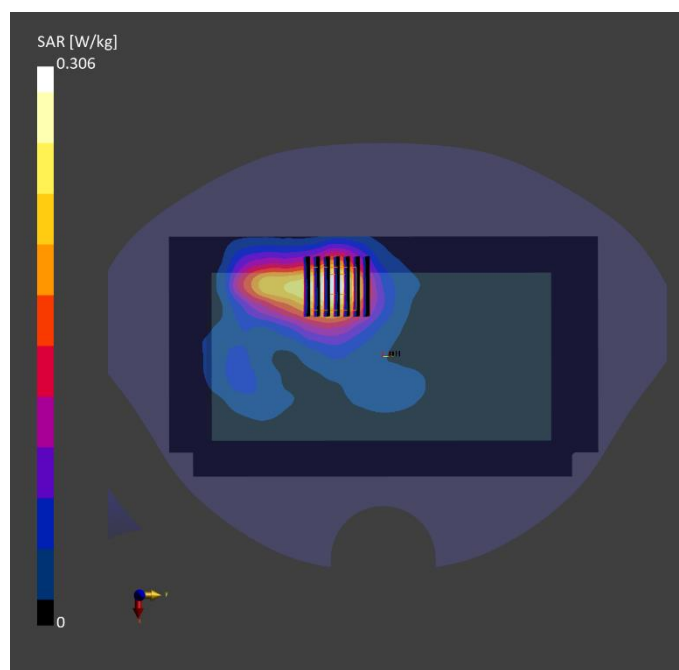
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.189	0.193
psSAR-10g [W/kg]	0.099	0.102
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.4
Dist 3dB Peak [mm]		10.8



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

143_LTE Band 41_QPSK20M_Rear Face_5mm_Ch40185_1RB_Offset0_Ant 3_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 41	LTE-TDD, 10172 - CAH	2549.500, 40185	7.36	1.95	40.6

Hardware Setup

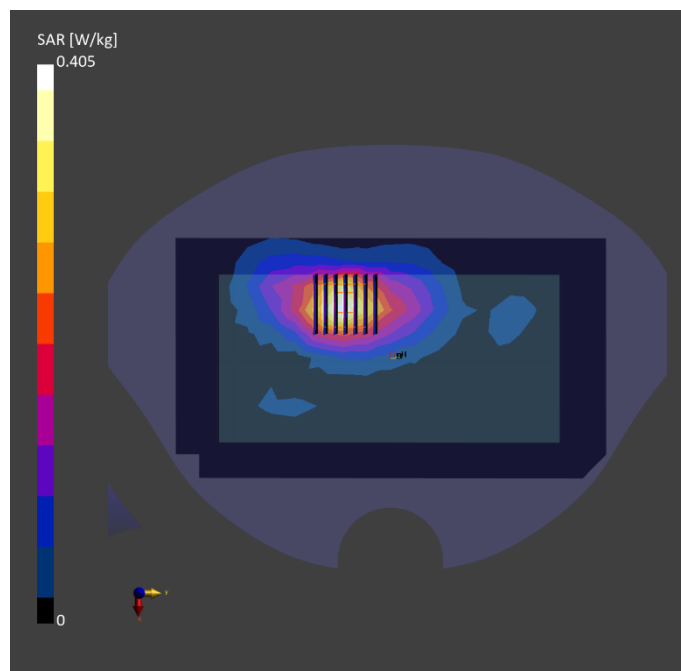
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.329	0.446
psSAR-10g [W/kg]	0.173	0.218
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		77.3
Dist 3dB Peak [mm]		12.0



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

144_LTE Band 42_QPSK20M_Rear Face_5mm_Ch42190_1RB_Offset0_Ant 4_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 42	LTE-TDD, 10172 - CAH	3460.000, 42190	6.87	2.68	38.9

Hardware Setup

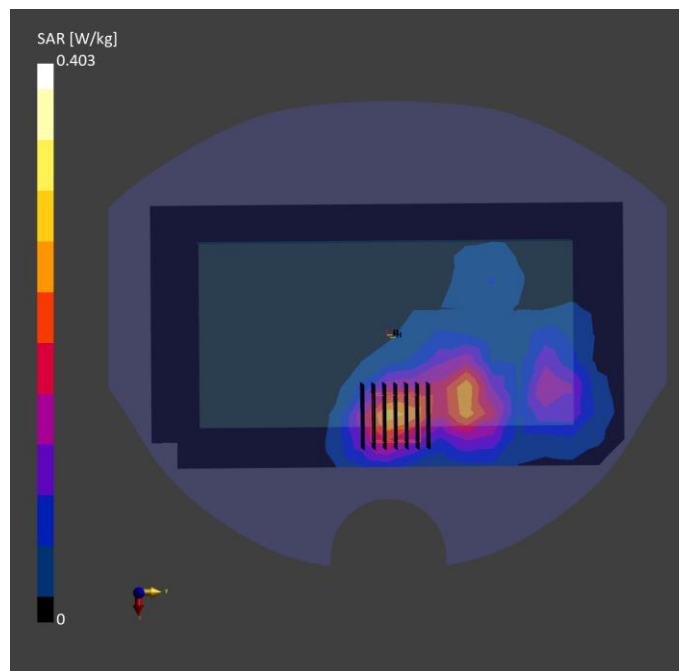
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.229	0.241
psSAR-10g [W/kg]	0.105	0.110
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.6
Dist 3dB Peak [mm]		13.5



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

145_LTE Band 42_QPSK20M_Rear Face_5mm_Ch43490_1RB_Offset0_Ant 5_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.80	38.7

Hardware Setup

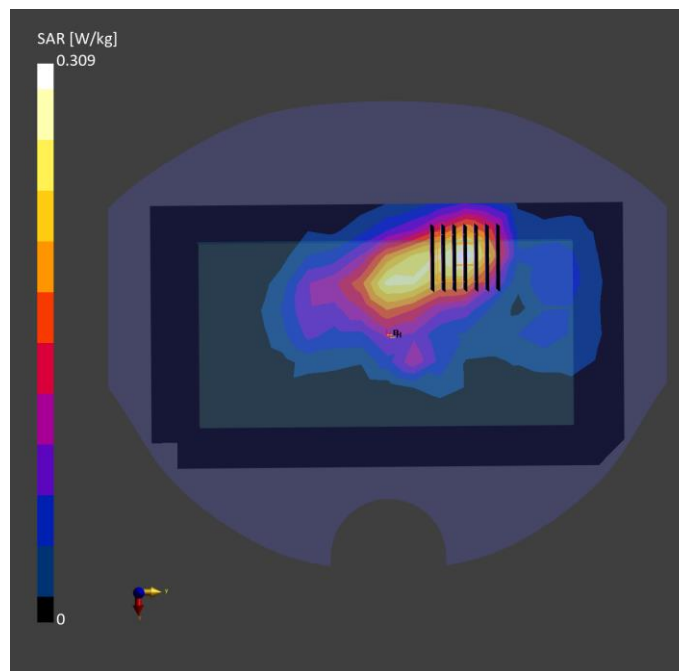
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.241	0.244
psSAR-10g [W/kg]	0.115	0.113
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.8
Dist 3dB Peak [mm]		13.0



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

146_LTE Band 42_QPSK20M_Rear Face_5mm_Ch43490_1RB_Offset0_Ant 6_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.80	38.7

Hardware Setup

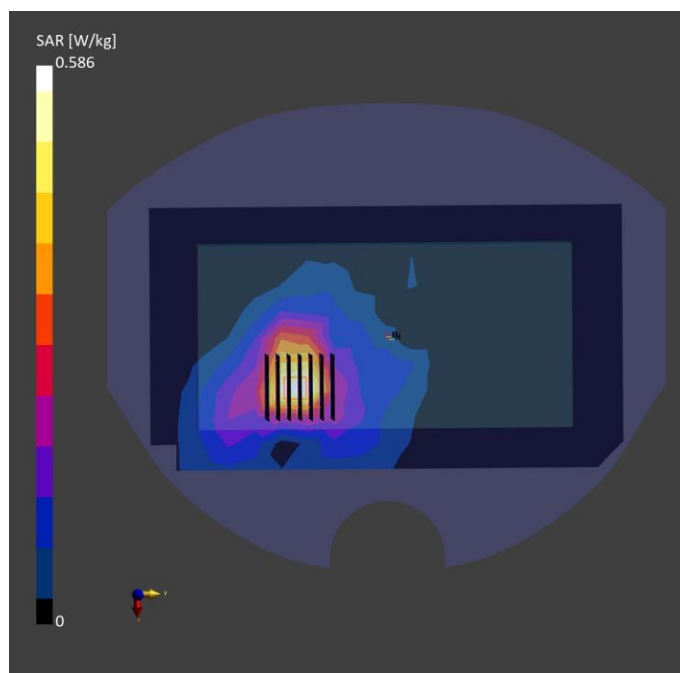
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.471	0.479
psSAR-10g [W/kg]	0.193	0.193
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.5
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

147_LTE Band 42_QPSK20M_Rear Face_5mm_Ch43490_1RB_Offset0_Ant 7_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.80	38.7

Hardware Setup

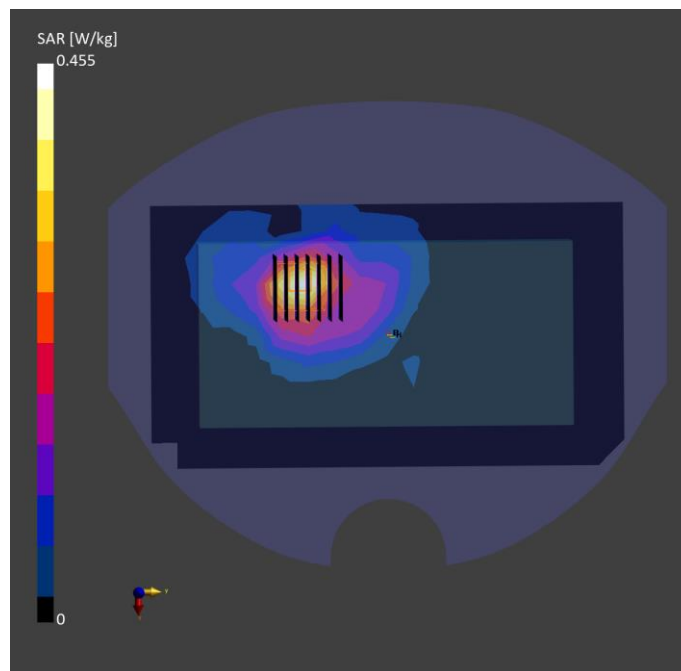
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.347	0.370
psSAR-10g [W/kg]	0.153	0.156
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.7
Dist 3dB Peak [mm]		9.3



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

148_LTE Band 43_QPSK20M_Rear Face_5mm_Ch44340_1RB_Offset0_Ant 4_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 43	LTE-TDD, 10172 - CAH	3675.000, 44340	6.8	2.82	38.7

Hardware Setup

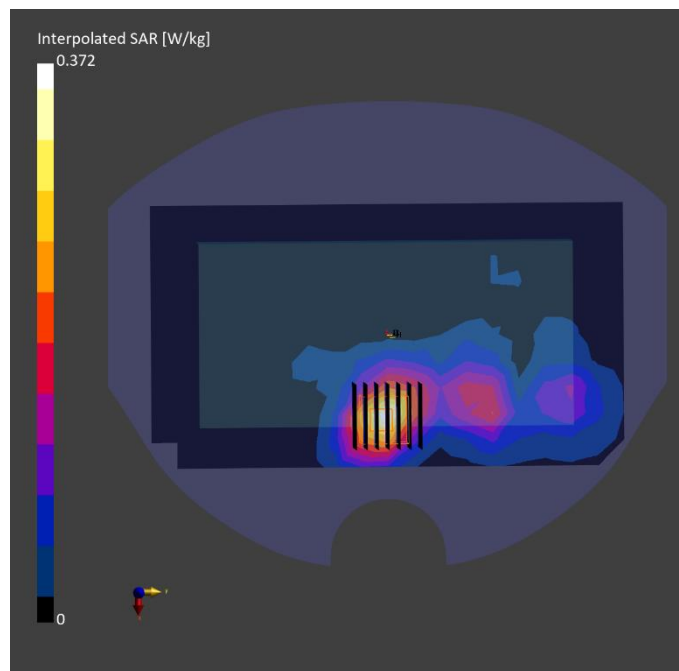
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.150	0.160
psSAR-10g [W/kg]	0.066	0.068
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.6
Dist 3dB Peak [mm]		12.3



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

149_LTE Band 43_QPSK20M_Rear Face_5mm_Ch44490_1RB_Offset0_Ant 5_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 43	LTE-TDD, 10172 - CAH	3690.000, 44490	6.8	2.83	38.6

Hardware Setup

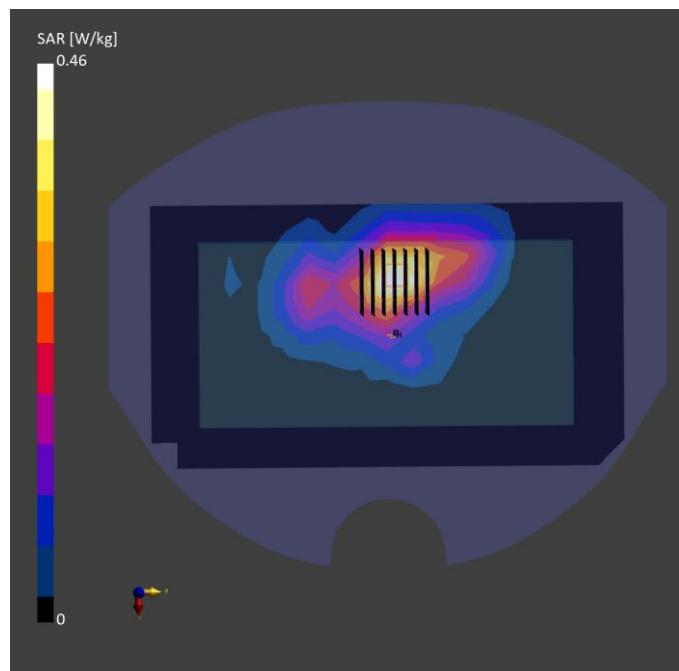
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.364	0.392
psSAR-10g [W/kg]	0.168	0.178
Power Drift [dB]		0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.9
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

150_LTE Band 43_QPSK20M_Front Face_5mm_Ch44340_1RB_Offset0_Ant 6_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 43	LTE-TDD, 10172 - CAH	3675.000, 44340	6.8	2.82	38.7

Hardware Setup

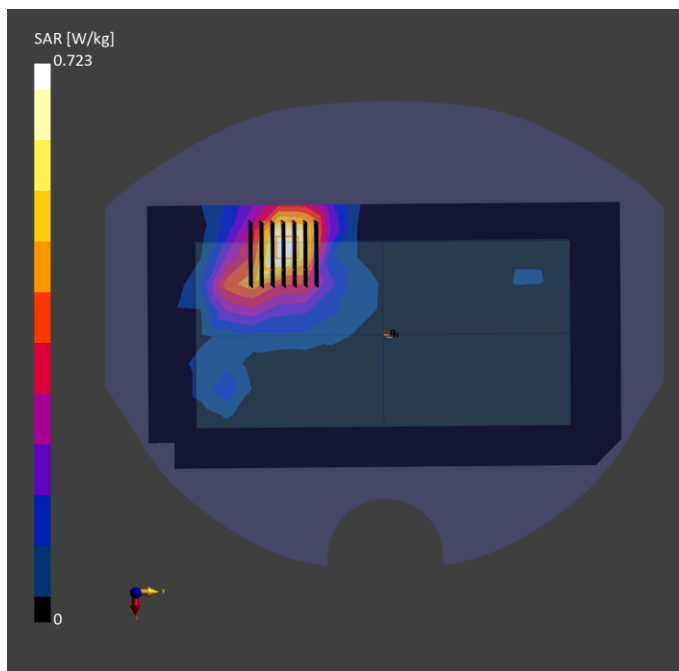
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.390	0.421
psSAR-10g [W/kg]	0.181	0.185
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.7
Dist 3dB Peak [mm]		12.1



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

151_LTE Band 43_QPSK20M_Rear Face_5mm_Ch44340_1RB_Offset0_Ant 7_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 43	LTE-TDD, 10172 - CAH	3675.000, 44340	6.8	2.82	38.7

Hardware Setup

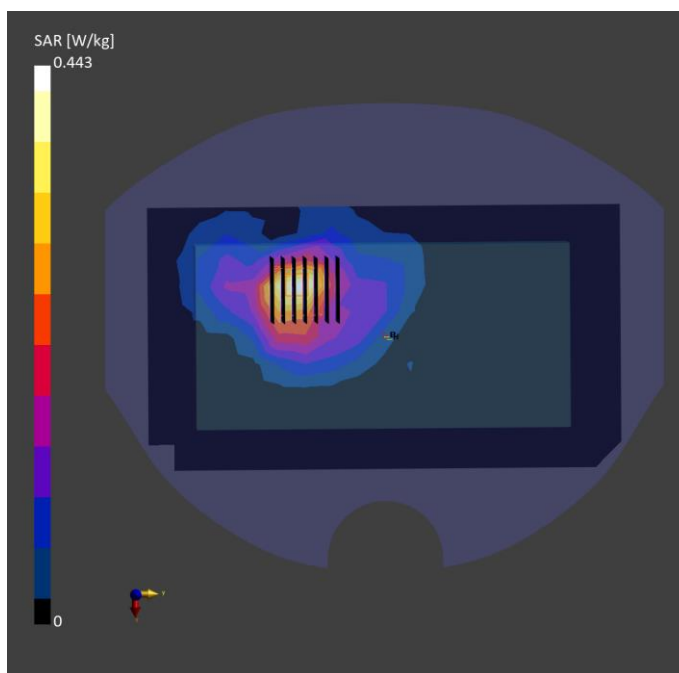
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.345	0.375
psSAR-10g [W/kg]	0.152	0.160
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.6
Dist 3dB Peak [mm]		10.0



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

152_LTE Band 48_QPSK20M_Rear Face_5mm_Ch55340_1RB_Offset0_Ant 4_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 48	LTE-TDD, 10172 - CAH	3560.000, 55340	6.87	2.78	39.6

Hardware Setup

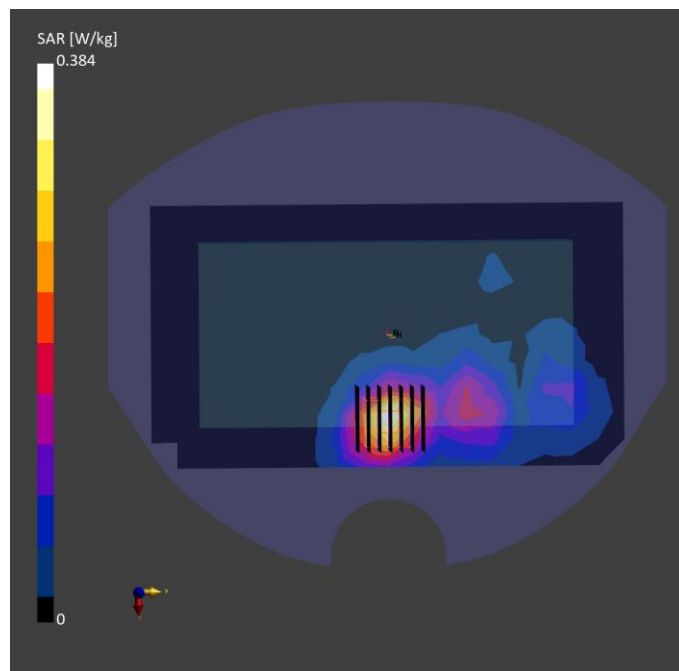
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.296	0.313
psSAR-10g [W/kg]	0.131	0.138
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.2
Dist 3dB Peak [mm]		12.6



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

153_LTE Band 48_QPSK20M_Rear Face_5mm_Ch56640_1RB_Offset0_Ant 5_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 48	LTE-TDD, 10172 - CAH	3690.000, 56640	6.87	2.90	39.4

Hardware Setup

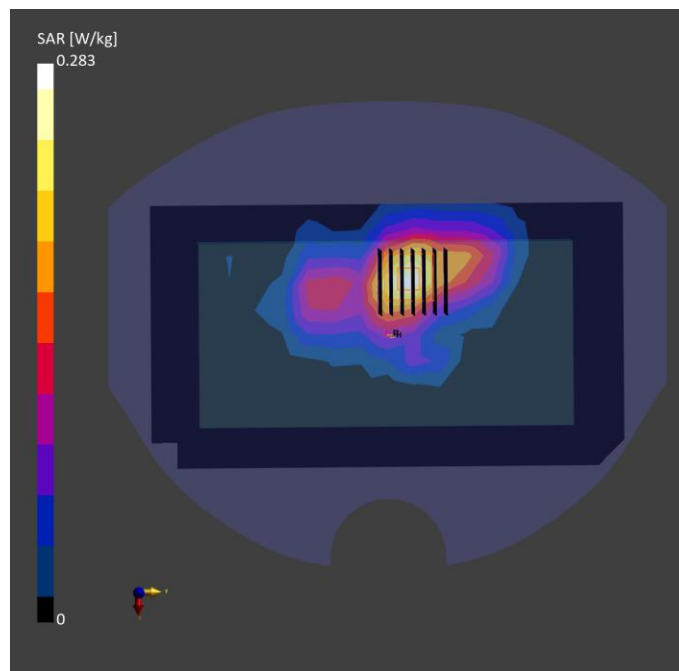
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.225	0.235
psSAR-10g [W/kg]	0.105	0.106
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.2
Dist 3dB Peak [mm]		13.1



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

154_LTE Band 48_QPSK20M_Rear Face_5mm_Ch55340_1RB_Offset0_Ant 6_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 48	LTE-TDD, 10172 - CAH	3560.000, 55340	6.87	2.78	39.6

Hardware Setup

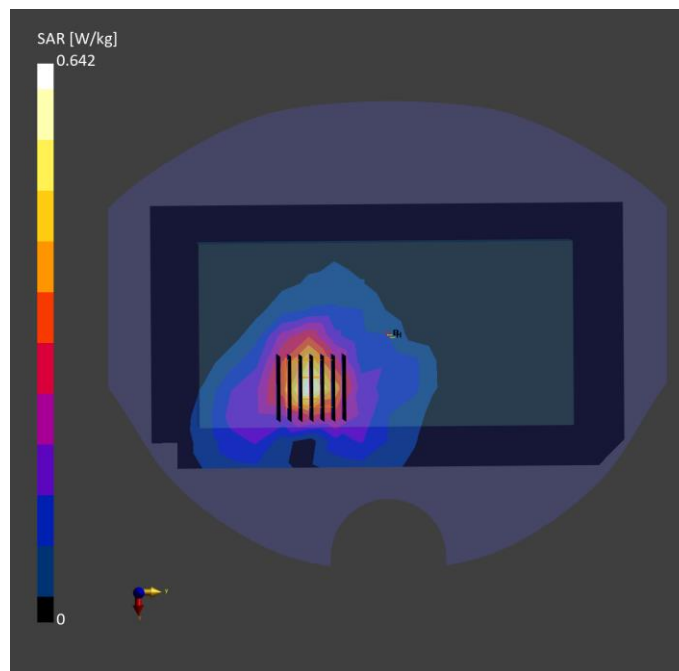
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.487	0.475
psSAR-10g [W/kg]	0.217	0.231
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.4
Dist 3dB Peak [mm]		10.8



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

155_LTE Band 48_QPSK20M_Rear Face_5mm_Ch56207_1RB_Offset0_Ant 7_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 48	LTE-TDD, 10172 - CAH	3646.700, 56207	6.87	2.86	39.5

Hardware Setup

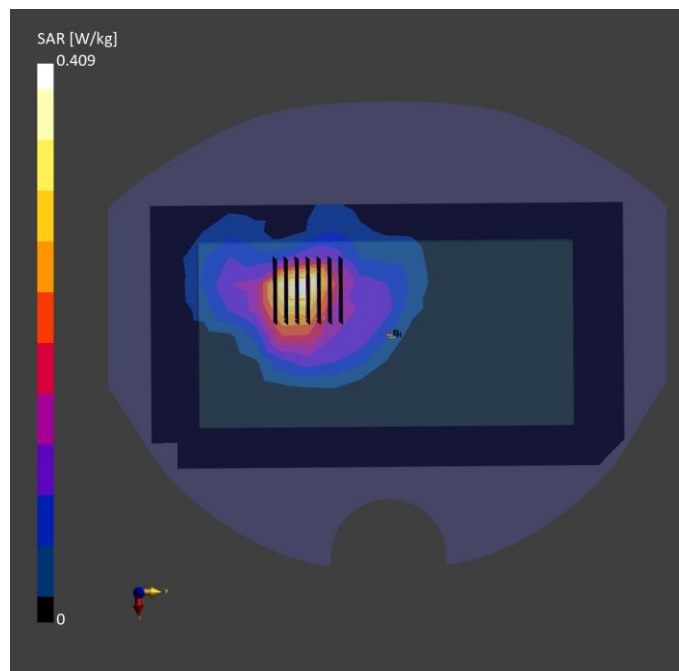
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.323	0.346
psSAR-10g [W/kg]	0.145	0.148
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.1
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

156_LTE Band 66_QPSK20M_Front Face_5mm_Ch132072_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 66	LTE-FDD, 10169 - CAF	1720.000, 132072	8.68	1.38	41.8

Hardware Setup

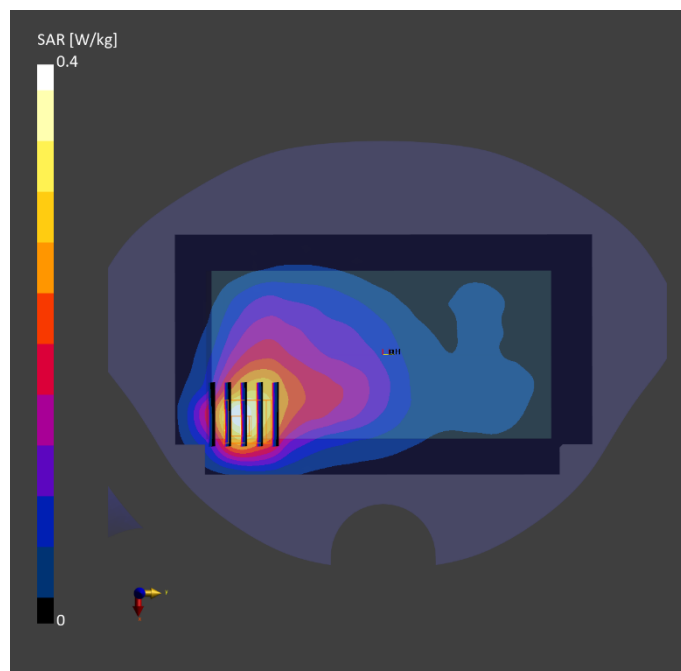
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.238	0.368
psSAR-10g [W/kg]	0.139	0.150
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		77.3
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

157_LTE Band 66_QPSK20M_Front Face_5mm_Ch132072_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 66	LTE-FDD, 10169 - CAF	1720.000, 132072	8.68	1.38	41.8

Hardware Setup

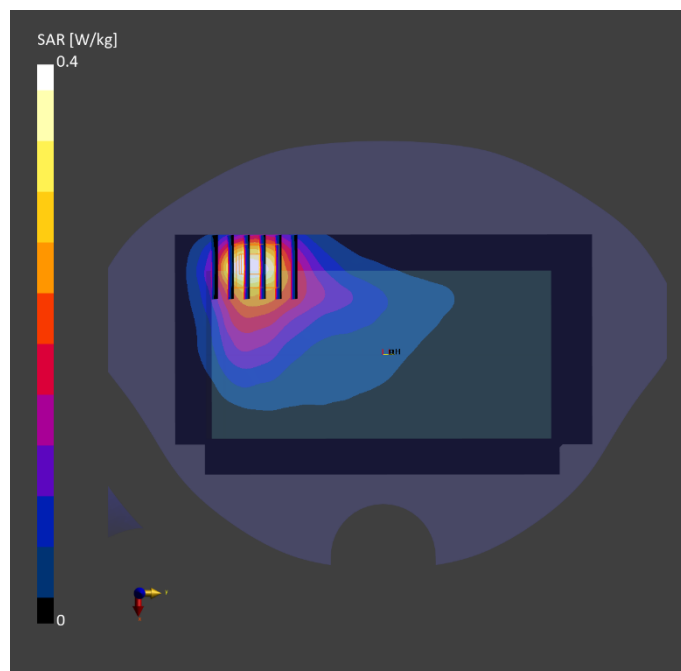
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.299	0.409
psSAR-10g [W/kg]	0.172	0.176
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.2
Dist 3dB Peak [mm]		12.2



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

158_LTE Band 66_QPSK20M_Rear Face_5mm_Ch132322_1RB_Offset0_Ant 2_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 66	LTE-FDD, 10169 - CAF	1745.000, 132322	8.68	1.40	41.8

Hardware Setup

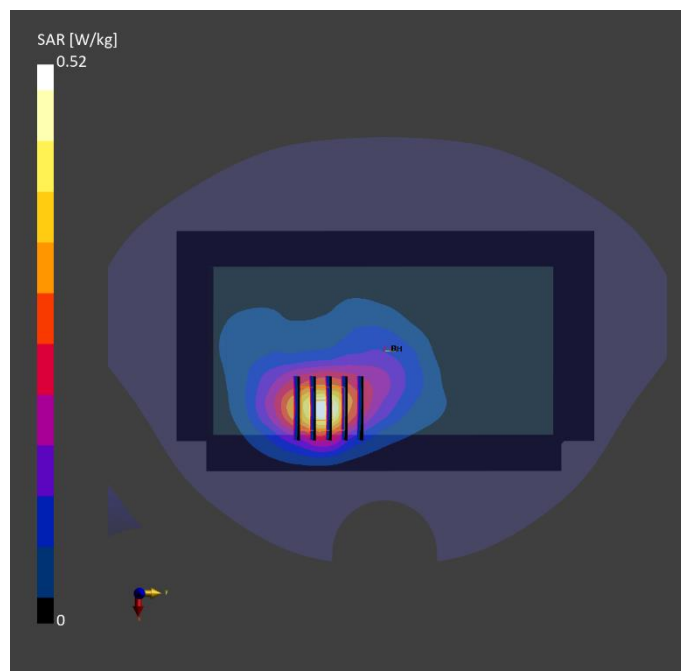
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.337	0.374
psSAR-10g [W/kg]	0.186	0.192
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.1
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

159_LTE Band 66_QPSK20M_Rear Face_5mm_Ch132322_1RB_Offset0_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 66	LTE-FDD, 10169 - CAF	1745.000, 132322	8.68	1.40	41.8

Hardware Setup

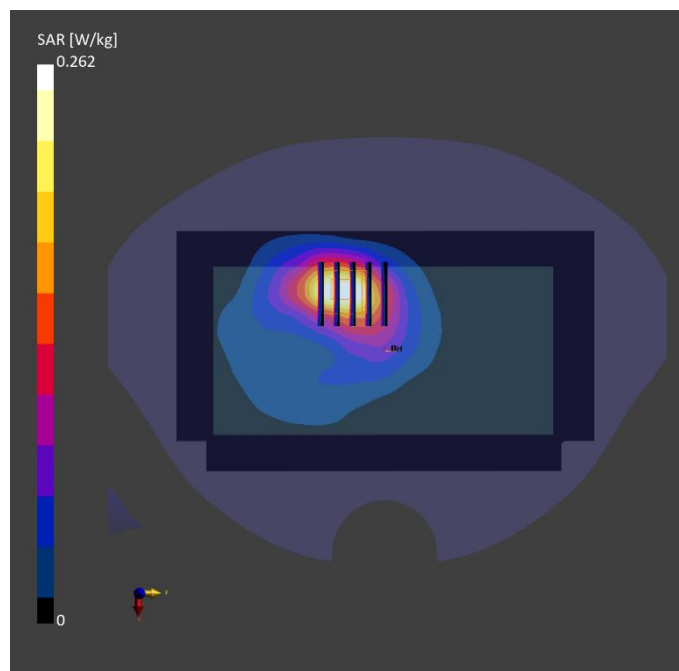
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.170	0.185
psSAR-10g [W/kg]	0.097	0.102
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.1
Dist 3dB Peak [mm]		12.8



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

160_LTE Band 71_QPSK20M_Rear Face_5mm_Ch133322_1RB_Offset0_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 71	LTE-FDD, 10169 - CAF	683.000, 133322	9.81	0.888	44.4

Hardware Setup

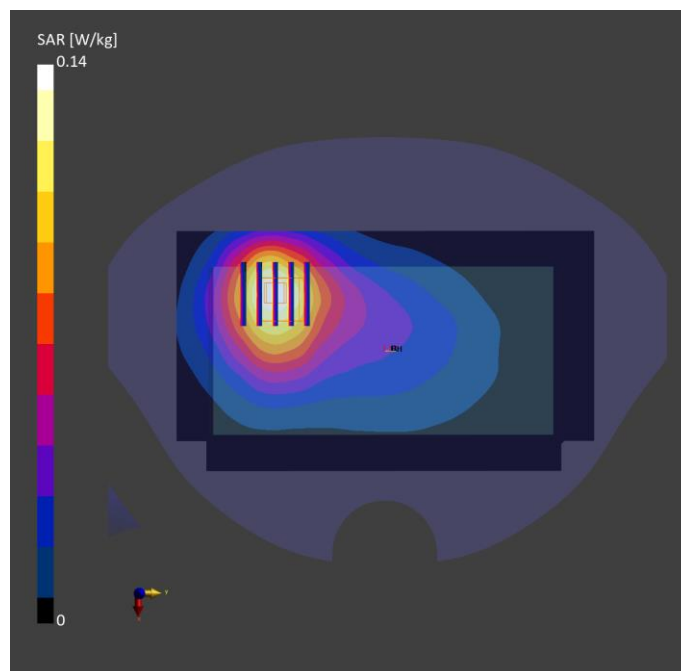
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.105	0.107
psSAR-10g [W/kg]	0.071	0.071
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.2
Dist 3dB Peak [mm]		16.0



Test Date : 2023-11-11 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

161_LTE Band 71_QPSK20M_Rear Face_5mm_Ch133322_1RB_Offset0_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 71	LTE-FDD, 10169 - CAF	683.000, 133322	9.81	0.888	44.4

Hardware Setup

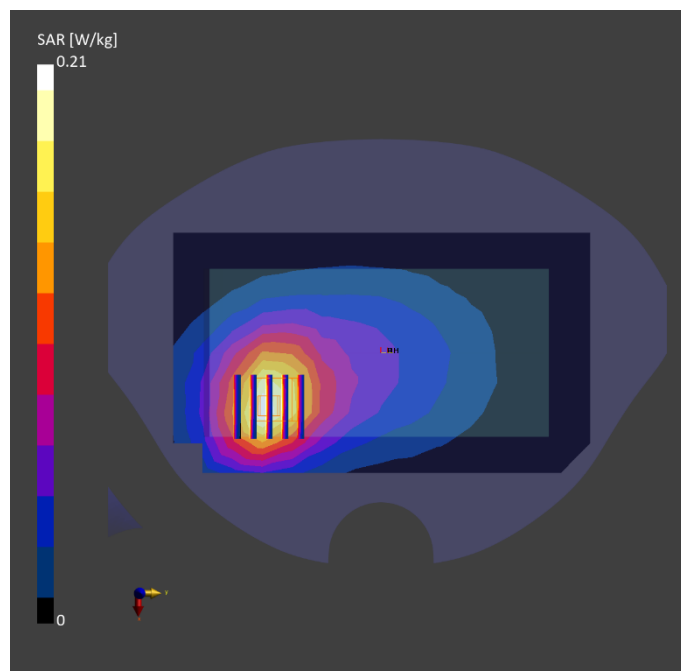
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.187	0.289
psSAR-10g [W/kg]	0.125	0.126
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.7
Dist 3dB Peak [mm]		22.7



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

162_NR Band n5_DFT-S QPSK20M_Front Face_5mm_Ch167800_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n5	5G NR FR1 FDD, 10931 - AAC	839.000, 167800	9.67	0.968	43.0

Hardware Setup

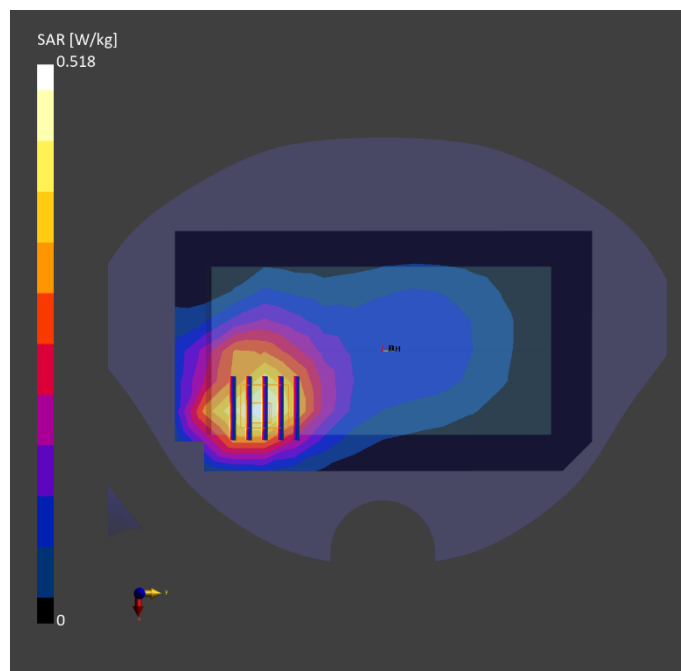
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.447	0.445
psSAR-10g [W/kg]	0.294	0.285
Power Drift [dB]		0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.1
Dist 3dB Peak [mm]		18.3



Test Date : 2023-11-10 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

163_NR Band n5_DFT-S QPSK20M_Front Face_5mm_Ch167800_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n5	5G NR FR1 FDD, 10931 - AAC	839.000, 167800	9.67	0.968	43.0

Hardware Setup

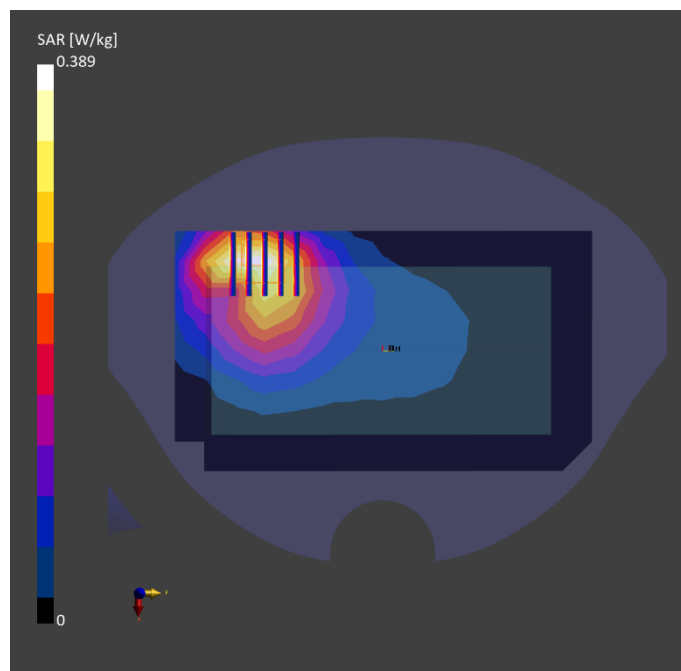
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.340	0.335
psSAR-10g [W/kg]	0.223	0.207
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.4
Dist 3dB Peak [mm]		14.8



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

164_NR Band n7_DFT-S QPSK20M_Front Face_10mm_Ch507000_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n7	5G NR FR1 FDD, 10931 - AAC	2535.000, 507000	7.36	1.88	38.1

Hardware Setup

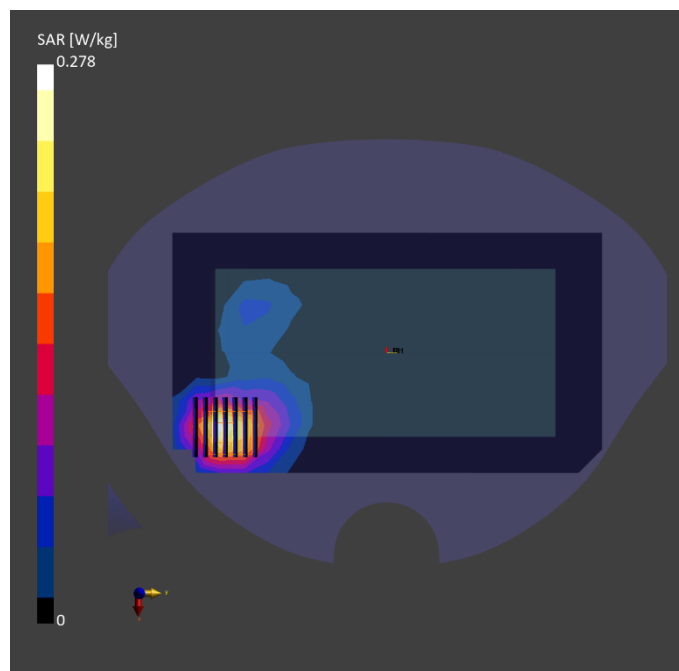
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.221	0.303
psSAR-10g [W/kg]	0.113	0.153
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.4
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

165_NR Band n7_DFT-S QPSK20M_Front Face_10mm_Ch507000_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n7	5G NR FR1 FDD, 10931 - AAC	2535.000, 507000	7.36	1.88	38.1

Hardware Setup

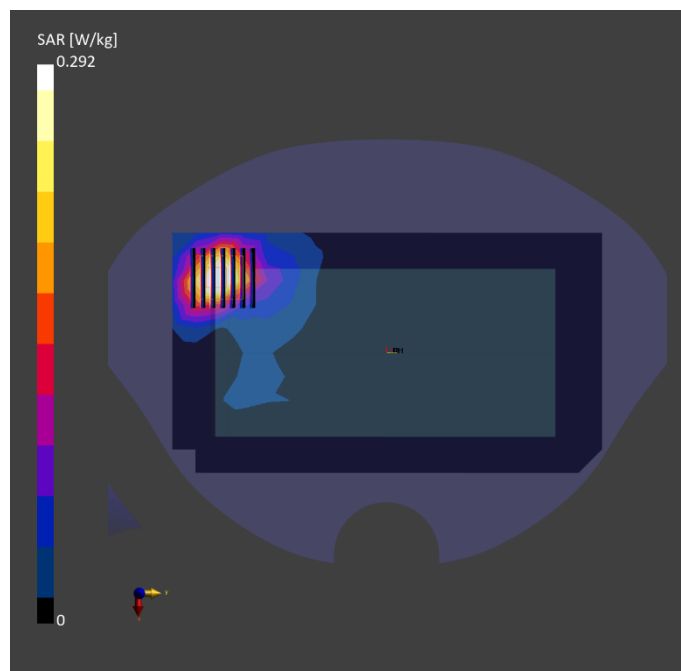
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.264	0.361
psSAR-10g [W/kg]	0.128	0.176
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.4
Dist 3dB Peak [mm]		11.2



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

166_NR Band n7_DFT-S QPSK20M_Front Face_5mm_Ch502000_1RB_Offset1_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n7	5G NR FR1 FDD, 10931 - AAC	2510.000, 502000	7.36	1.86	38.1

Hardware Setup

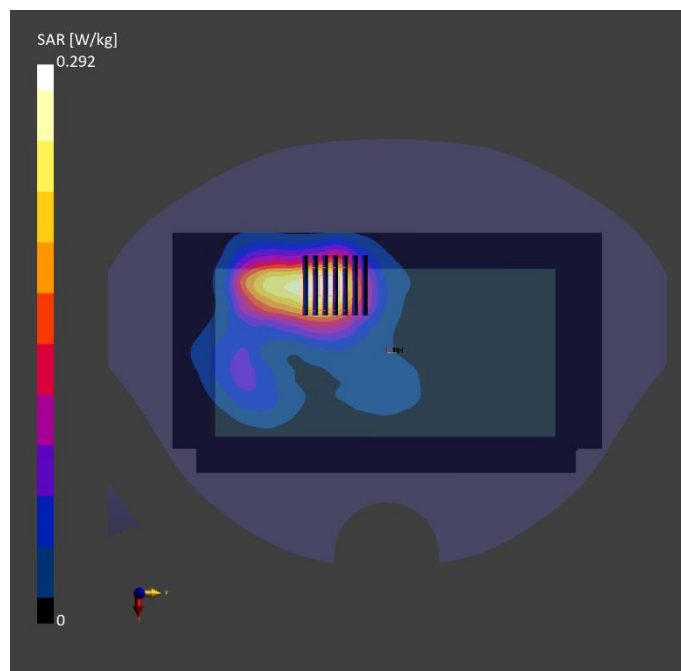
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.296	0.328
psSAR-10g [W/kg]	0.155	0.179
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.3
Dist 3dB Peak [mm]		13.2



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

167_NR Band n7_DFT-S QPSK20M_Rear Face_10mm_Ch502000_1RB_Offset1_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n7	5G NR FR1 FDD, 10931 - AAC	2510.000, 502000	7.36	1.86	38.1

Hardware Setup

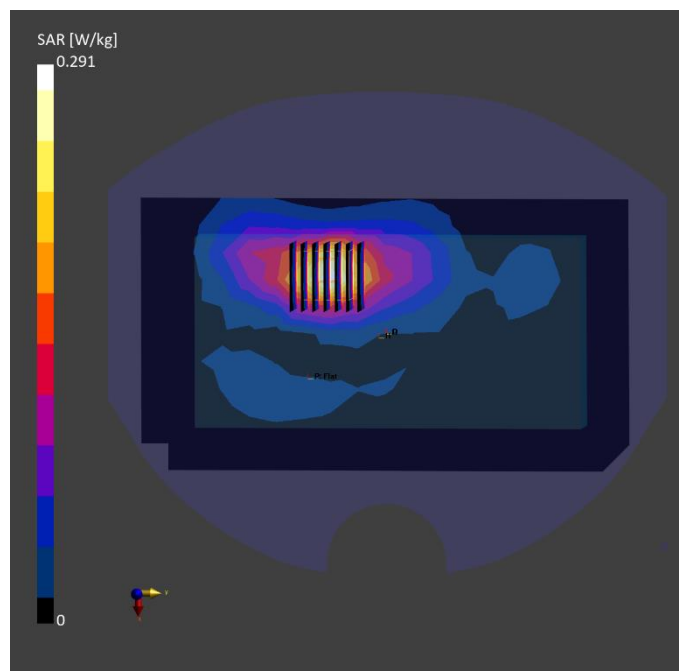
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.238	0.246
psSAR-10g [W/kg]	0.124	0.126
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.4
Dist 3dB Peak [mm]		12.2



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

168_NR Band n12_DFT-S QPSK15M_Rear Face_5mm_Ch141500_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n12	5G NR FR1 FDD, 10930 - AAC	707.500, 141500	9.81	0.917	44.3

Hardware Setup

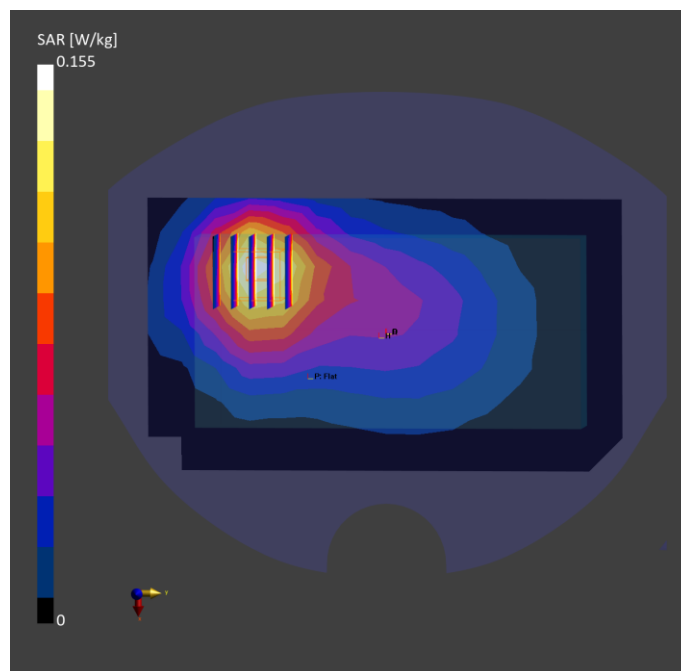
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.137	0.141
psSAR-10g [W/kg]	0.093	0.093
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.5
Dist 3dB Peak [mm]		21.6



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

169_NR Band n12_DFT-S QPSK15M_Rear Face_5mm_Ch141700_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n12	5G NR FR1 FDD, 10930 - AAC	708.500, 141700	9.81	0.917	44.3

Hardware Setup

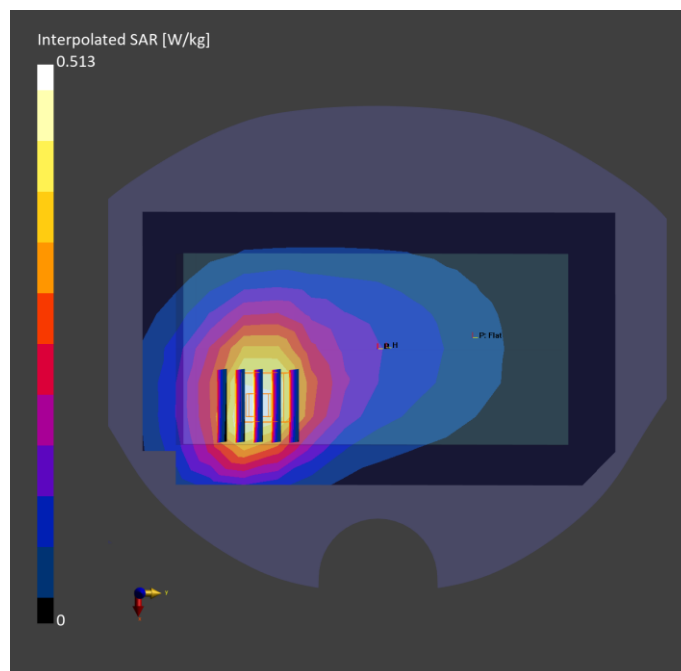
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.330	0.402
psSAR-10g [W/kg]	0.224	0.340
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.4
Dist 3dB Peak [mm]		21.6



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

170_NR Band n13_DFT-S QPSK10M_Front Face_5mm_Ch156400_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n13	5G NR FR1 FDD, 10929 - AAD	782.000, 156400	9.81	0.945	44.1

Hardware Setup

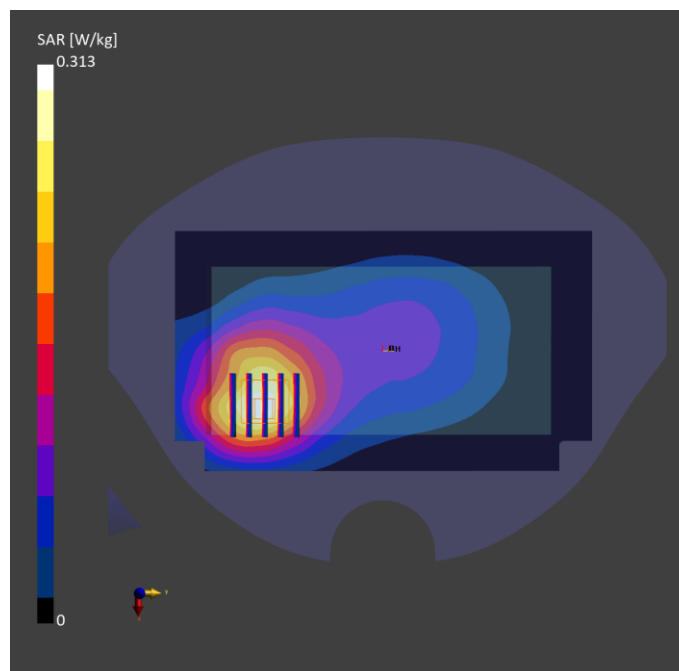
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.235	0.294
psSAR-10g [W/kg]	0.156	0.213
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		18.3



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

171_NR Band n13_DFT-S QPSK10M_Front Face_5mm_Ch156400_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n13	5G NR FR1 FDD, 10929 - AAD	782.000, 156400	9.81	0.945	44.1

Hardware Setup

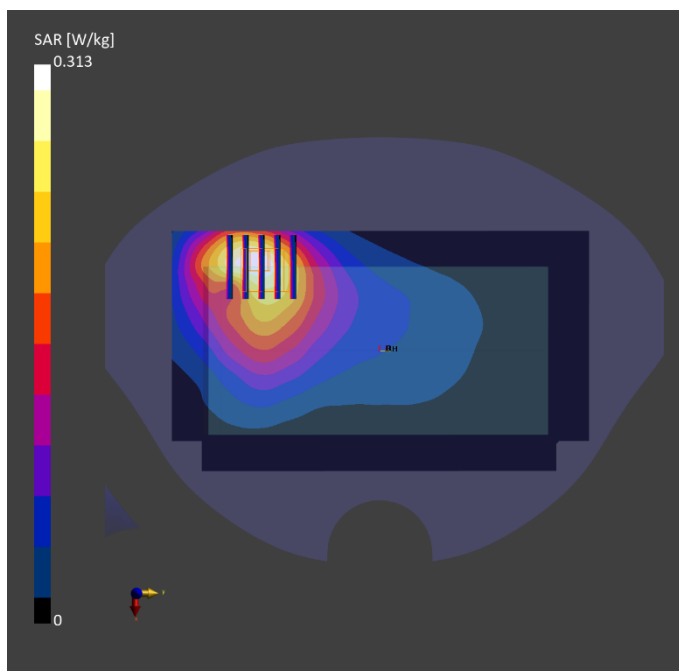
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.307	0.406
psSAR-10g [W/kg]	0.187	0.256
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.1
Dist 3dB Peak [mm]		17.4



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

172_NR Band n14_DFT-S QPSK10M_Rear Face_5mm_Ch158600_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n14	5G NR FR1 FDD, 10929 - AAD	793.000, 158600	9.81	0.948	44.0

Hardware Setup

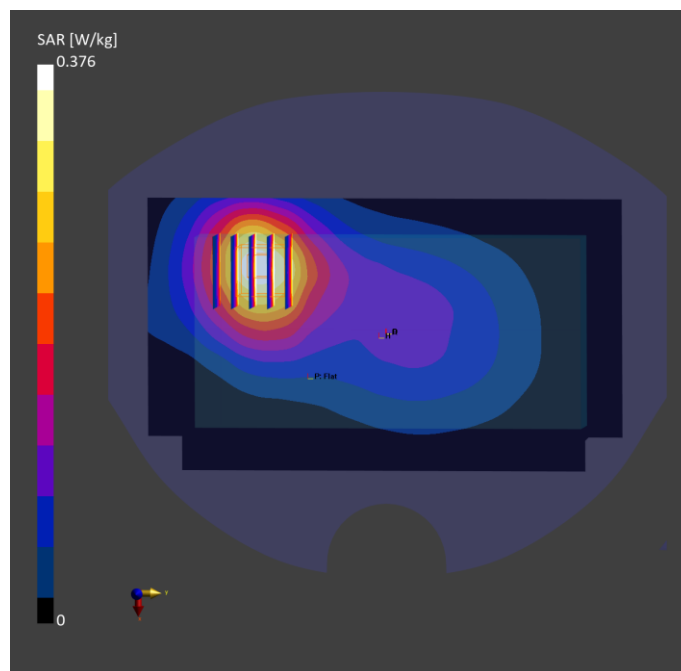
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.455	0.492
psSAR-10g [W/kg]	0.236	0.295
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.3
Dist 3dB Peak [mm]		19.3



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

173_NR Band n14_DFT-S QPSK10M_Front Face_10mm_Ch158600_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n14	5G NR FR1 FDD, 10929 - AAD	793.000, 158600	9.81	0.948	44.0

Hardware Setup

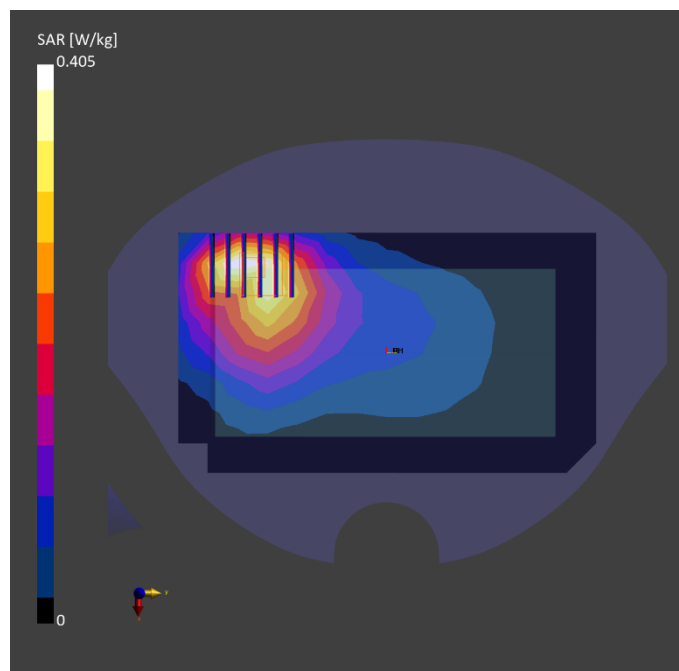
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.452	0.522
psSAR-10g [W/kg]	0.332	0.325
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.3
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

174_NR Band n25_DFT-S QPSK20M_Front Face_10mm_Ch372000_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n25	5G NR FR1 FDD, 10931 - AAC	1860.000, 372000	8.25	1.45	41.2

Hardware Setup

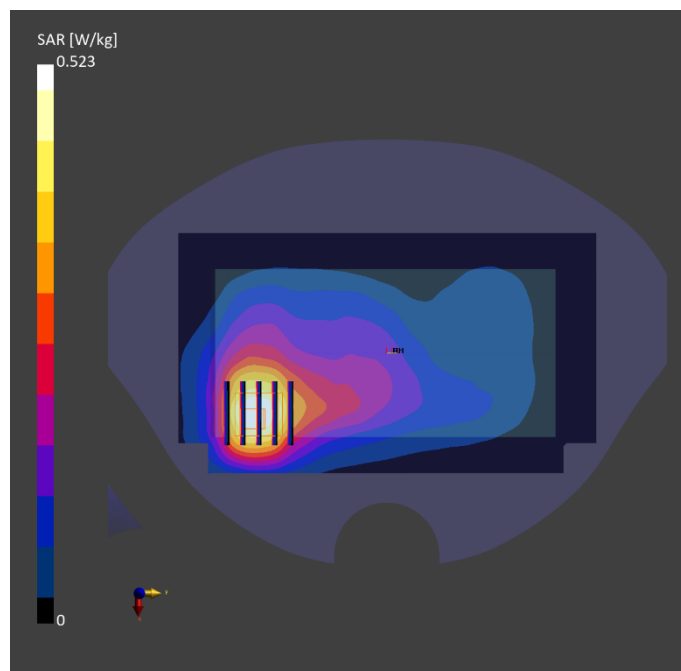
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.248	0.275
psSAR-10g [W/kg]	0.109	0.150
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.2
Dist 3dB Peak [mm]		15.2



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

175_NR Band n25_DFT-S QPSK20M_Front Face_10mm_Ch372000_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n25	5G NR FR1 FDD, 10931 - AAC	1860.000, 372000	8.25	1.45	41.2

Hardware Setup

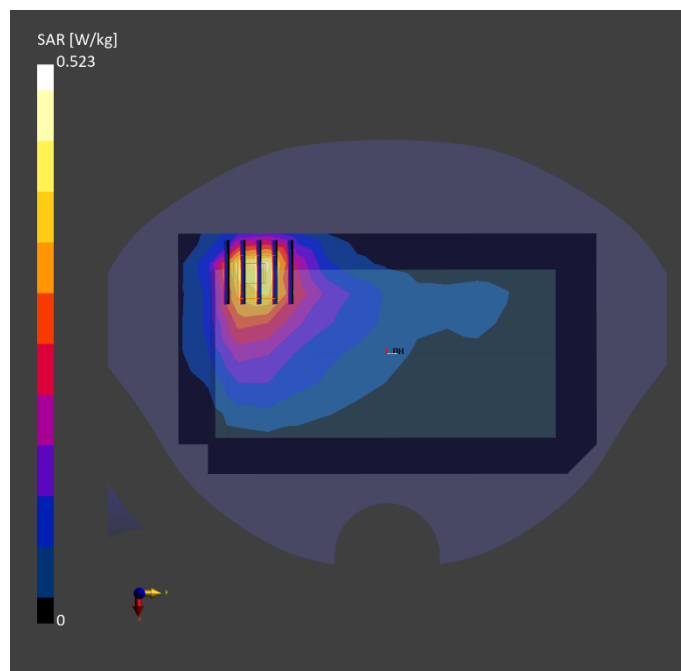
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.414	0.335
psSAR-10g [W/kg]	0.241	0.192
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.3
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

176_NR Band n25_DFT-S QPSK20M_Rear Face_10mm_Ch381000_1RB_Offset1_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n25	5G NR FR1 FDD, 10931 - AAC	1905.000, 381000	8.25	1.47	41.1

Hardware Setup

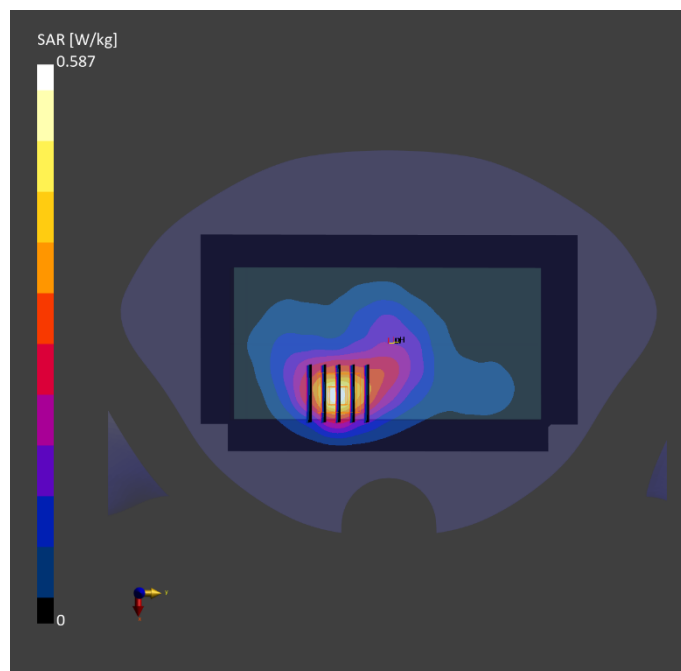
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.374	0.386
psSAR-10g [W/kg]	0.202	0.211
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.6
Dist 3dB Peak [mm]		14.8



Test Date : 2023-11-19 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

177_NR Band n25_DFT-S QPSK20M_Rear Face_5mm_Ch381000_1RB_Offset1_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n25	5G NR FR1 FDD, 10931 - AAC	1905.000, 381000	8.25	1.47	41.1

Hardware Setup

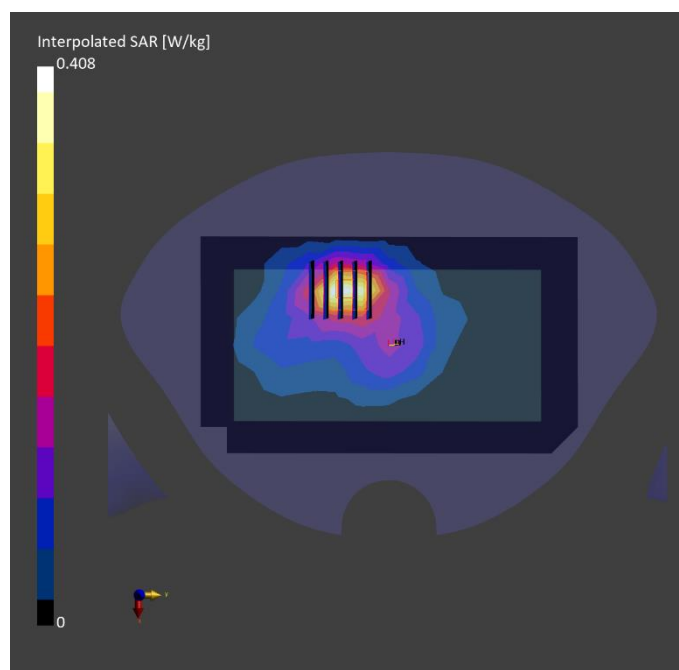
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.312	0.345
psSAR-10g [W/kg]	0.117	0.184
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.3
Dist 3dB Peak [mm]		12.8



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

178_NR Band n30_DFT-S QPSK10M_Rear Face_5mm_Ch462000_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.92	1.71	40.0

Hardware Setup

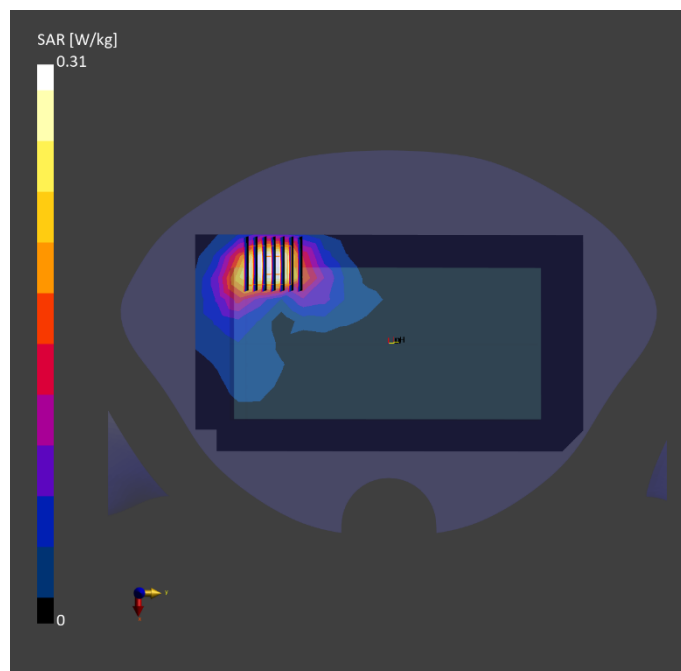
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.326	0.333
psSAR-10g [W/kg]	0.242	0.255
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.6
Dist 3dB Peak [mm]		10.5



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

179_NR Band n30_DFT-S QPSK10M_Rear Face_10mm_Ch462000_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.92	1.71	40.0

Hardware Setup

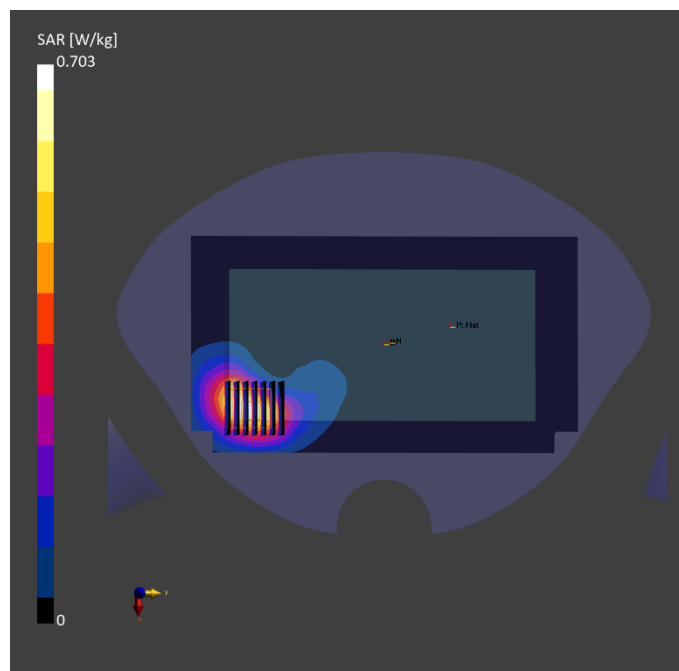
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.471	0.476
psSAR-10g [W/kg]	0.246	0.256
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.6
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

180_NR Band n30_DFT-S QPSK10M_Rear Face_5mm_Ch462000_1RB_Offset1_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.92	1.71	40.0

Hardware Setup

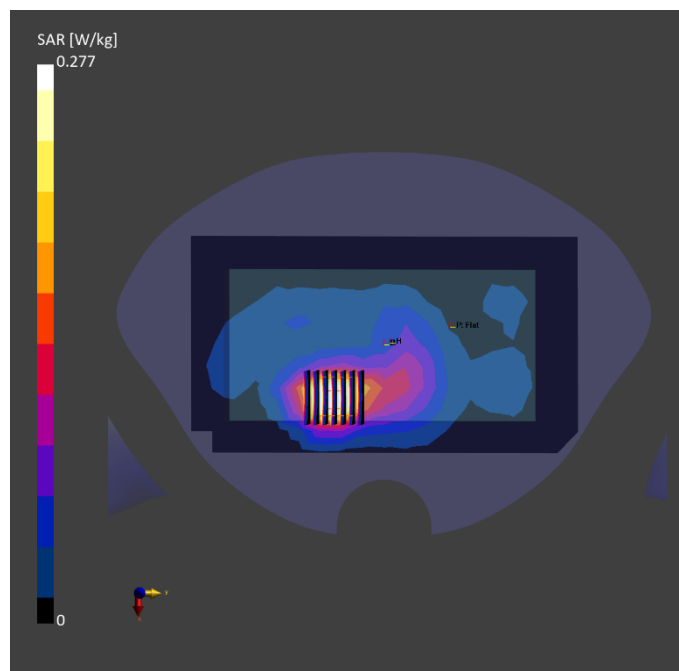
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.360	0.379
psSAR-10g [W/kg]	0.138	0.188
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		48.7
Dist 3dB Peak [mm]		12.1



Test Date : 2023-11-13 | Ambient Temp : 22.8 °C | Tissue Temp : 22.3 °C

Test Mode

181_NR Band n30_DFT-S QPSK10M_Rear Face_10mm_Ch462000_1RB_Offset1_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.92	1.71	40.0

Hardware Setup

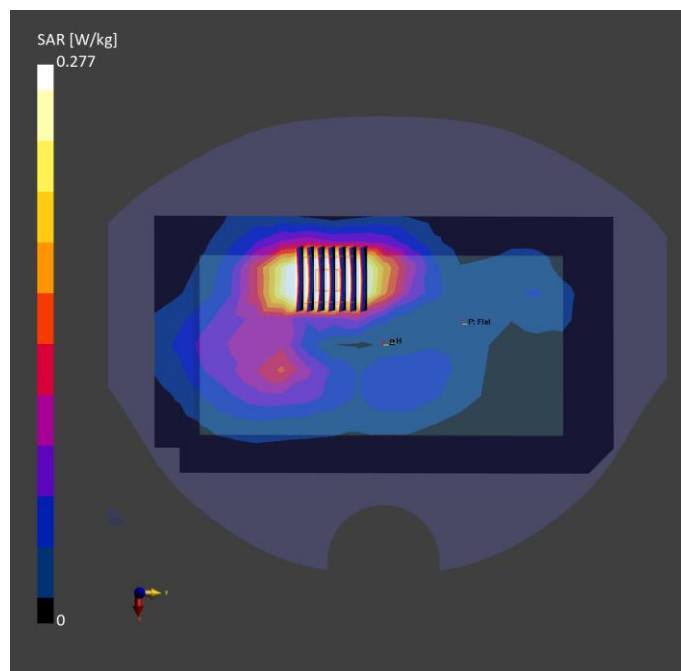
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.364	0.386
psSAR-10g [W/kg]	0.192	0.196
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.1
Dist 3dB Peak [mm]		12.0



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

182_NR Band n66_DFT-S QPSK20M_Rear Face_5mm_Ch344000_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n66	5G NR FR1 FDD, 10931 - AAC	1720.000, 344000	8.68	1.38	41.8

Hardware Setup

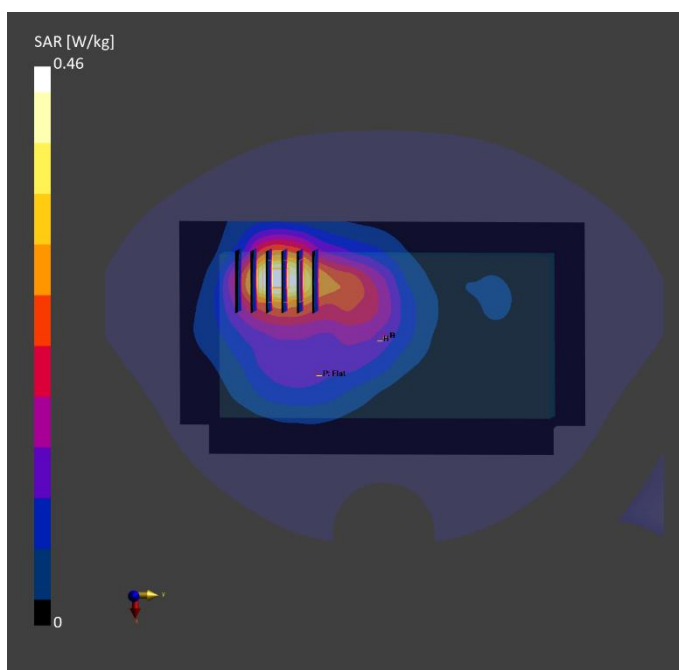
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.302	0.445
psSAR-10g [W/kg]	0.177	0.271
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.4
Dist 3dB Peak [mm]		15.8



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

183_NR Band n66_DFT-S QPSK20M_Front Face_10mm_Ch354000_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n66	5G NR FR1 FDD, 10931 - AAC	1770.000, 354000	8.68	1.41	41.7

Hardware Setup

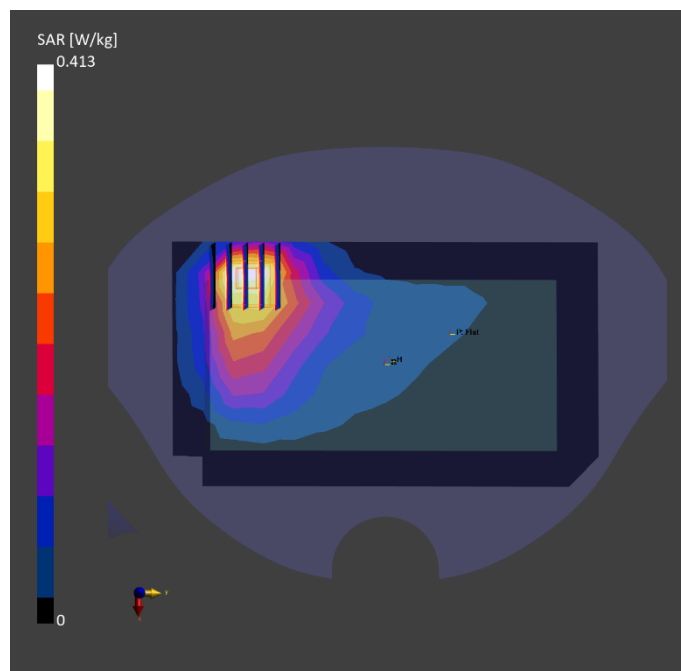
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.312	0.322
psSAR-10g [W/kg]	0.156	0.186
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.7
Dist 3dB Peak [mm]		12.2



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

184_NR Band n66_DFT-S QPSK20M_Rear Face_5mm_Ch349000_1RB_Offset1_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n66	5G NR FR1 FDD, 10931 - AAC	1745.000, 349000	8.68	1.40	41.8

Hardware Setup

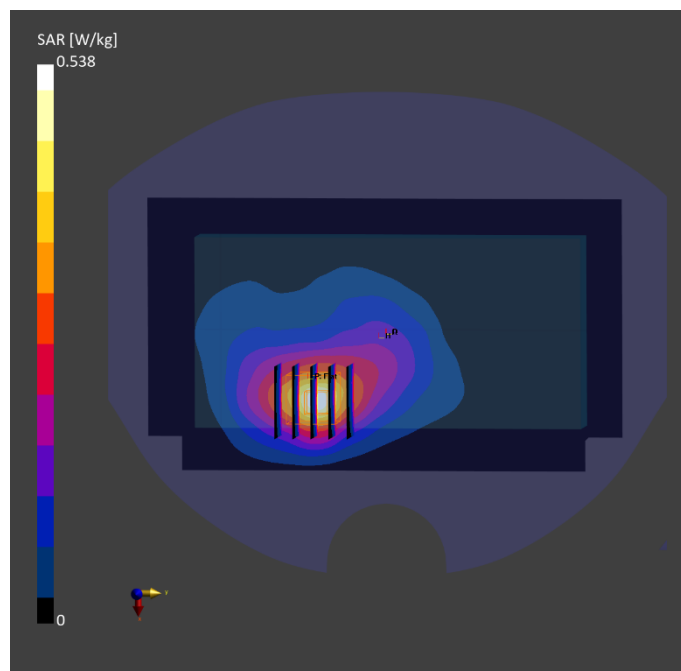
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.539	0.558
psSAR-10g [W/kg]	0.287	0.323
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-18 | Ambient Temp : 22.2 °C | Tissue Temp : 22.1 °C

Test Mode

185_NR Band n66_DFT-S QPSK20M_Rear Face_5mm_Ch349000_1RB_Offset1_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n66	5G NR FR1 FDD, 10931 - AAC	1745.000, 349000	8.68	1.40	41.8

Hardware Setup

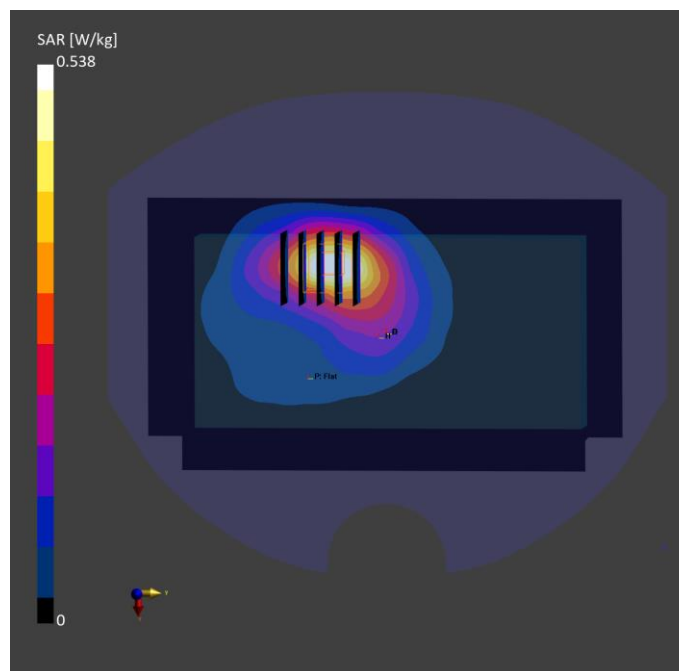
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.163	0.172
psSAR-10g [W/kg]	0.094	0.096
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.2
Dist 3dB Peak [mm]		14.4



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

186_NR Band n71_DFT-S QPSK20M_Rear Face_5mm_Ch136100_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n71	5G NR FR1 FDD, 10931 - AAC	680.500, 136100	9.81	0.907	44.4

Hardware Setup

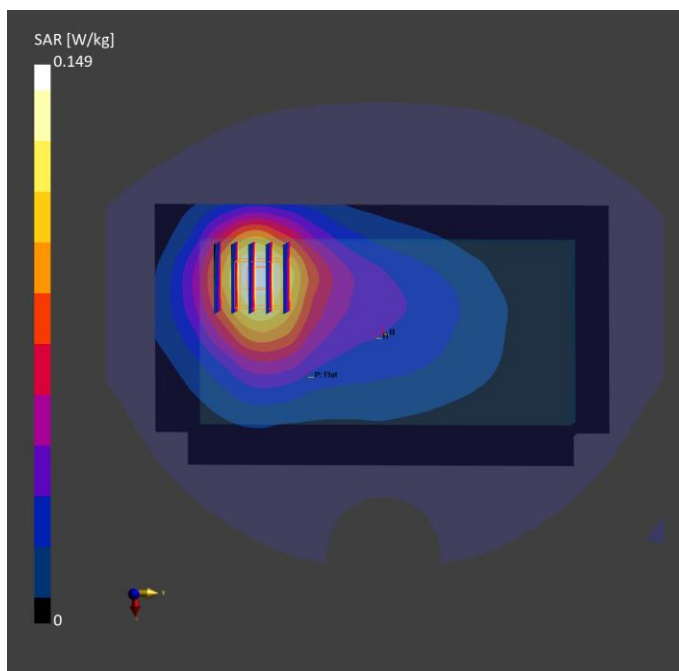
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.112	0.112
psSAR-10g [W/kg]	0.076	0.076
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.7
Dist 3dB Peak [mm]		10.0



Test Date : 2023-11-17 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

187_NR Band n71_DFT-S QPSK20M_Rear Face_5mm_Ch136100_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n71	5G NR FR1 FDD, 10931 - AAC	680.500, 136100	9.81	0.907	44.4

Hardware Setup

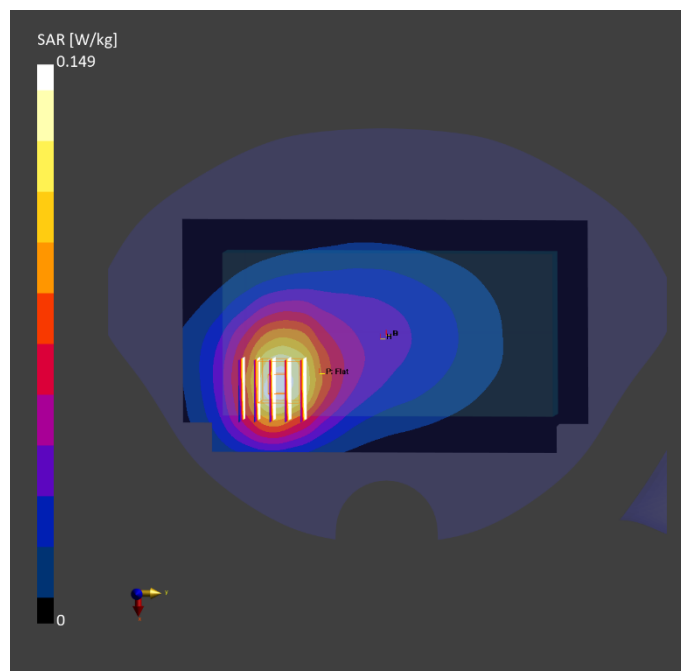
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.326	0.332
psSAR-10g [W/kg]	0.221	0.221
Power Drift [dB]		-0.17
TSL Correction	Positive only	Positive only
M2 / M1 [%]		73.9
Dist 3dB Peak [mm]		10.5



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

188_NR Band n38_DFT-S QPSK40M_Rear Face_10mm_Ch519000_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n38	5G NR FR1 TDD, 10903 - AAD	2595.000, 519000	7.36	1.93	38.0

Hardware Setup

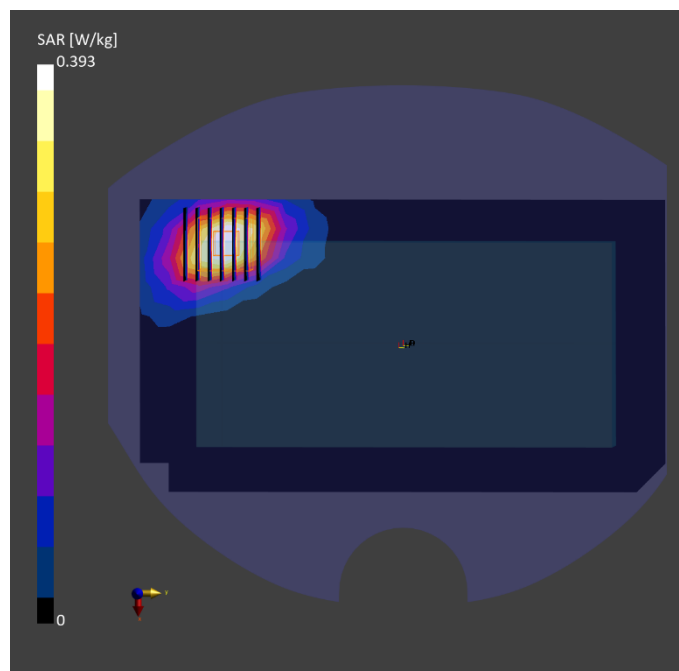
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.347	0.365
psSAR-10g [W/kg]	0.179	0.183
Power Drift [dB]		-0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.9
Dist 3dB Peak [mm]		11.2



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

189_NR Band n38_DFT-S QPSK40M_Rear Face_5mm_Ch520000_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n38	5G NR FR1 TDD, 10903 - AAD	2600.000, 520000	7.36	1.94	38.0

Hardware Setup

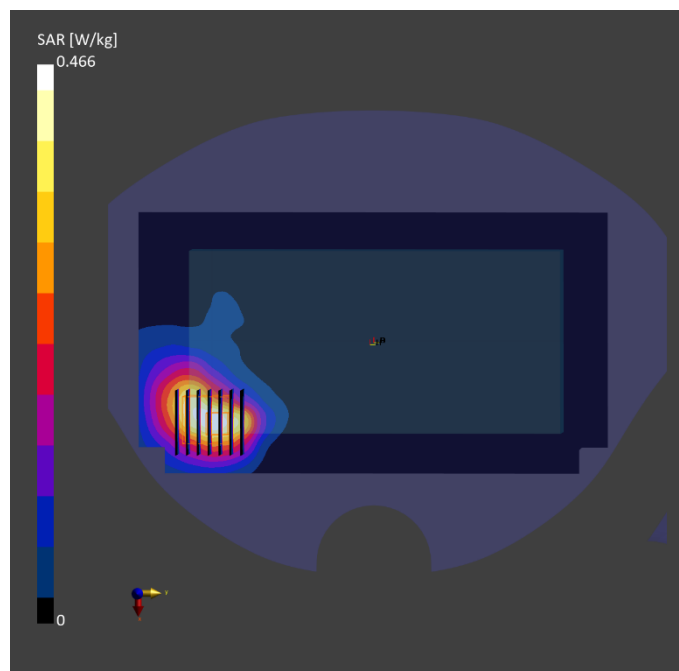
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.301	0.401
psSAR-10g [W/kg]	0.157	0.216
Power Drift [dB]		0.17
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.8
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

190_NR Band n38_DFT-S QPSK40M_Front Face_5mm_Ch518000_1RB_Offset1_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n38	5G NR FR1 TDD, 10903 - AAD	2590.000, 518000	7.36	1.93	38.0

Hardware Setup

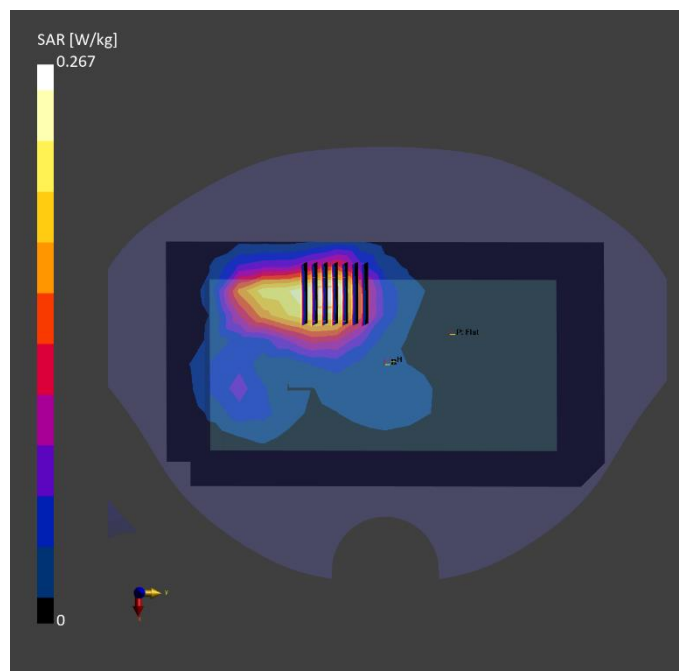
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.221	0.233
psSAR-10g [W/kg]	0.119	0.126
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.6
Dist 3dB Peak [mm]		13.2



Test Date : 2023-11-20 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

191_NR Band n38_DFT-S QPSK40M_Rear Face_10mm_Ch519000_1RB_Offset1_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n38	5G NR FR1 TDD, 10903 - AAD	2595.000, 519000	7.36	1.93	38.0

Hardware Setup

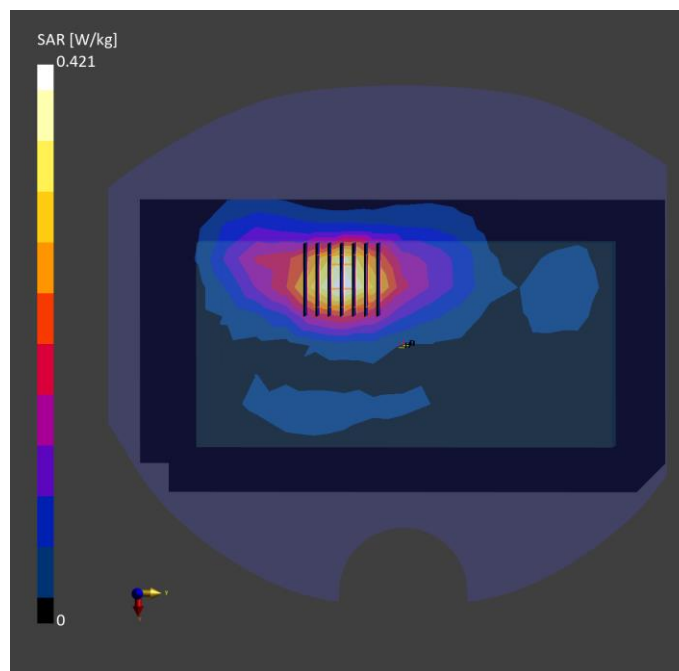
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.346	0.424
psSAR-10g [W/kg]	0.180	0.215
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		77.9
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

192_NR Band n41_DFT-S QPSK100M_Rear Face_10mm_Ch518598_1RB_Offset1_Ant 0_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n41	5G NR FR1 TDD, 10866 - AAF	2592.990, 518598	7.36	1.99	40.5

Hardware Setup

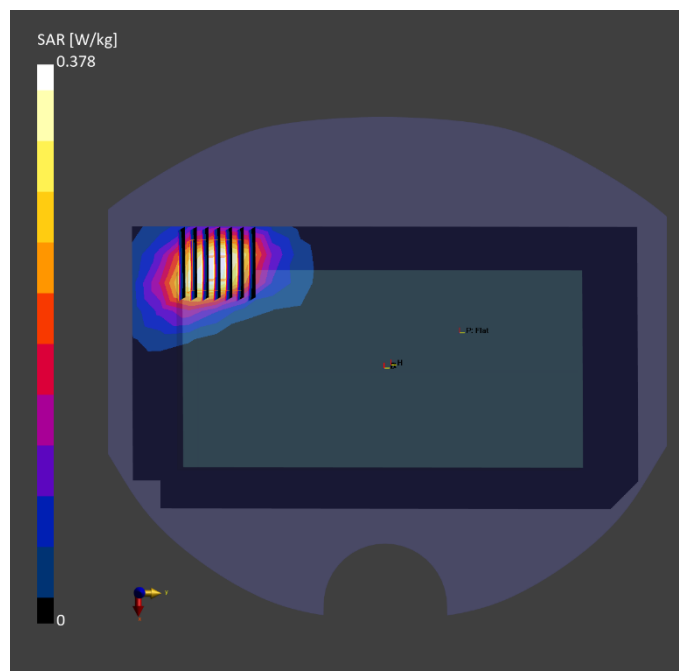
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.331	0.353
psSAR-10g [W/kg]	0.172	0.178
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.8
Dist 3dB Peak [mm]		11.2



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

193_NR Band n41_DFT-S QPSK100M_Rear Face_5mm_Ch518598_1RB_Offset1_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n41	5G NR FR1 TDD, 10866 - AAF	2592.990, 518598	7.36	1.99	40.5

Hardware Setup

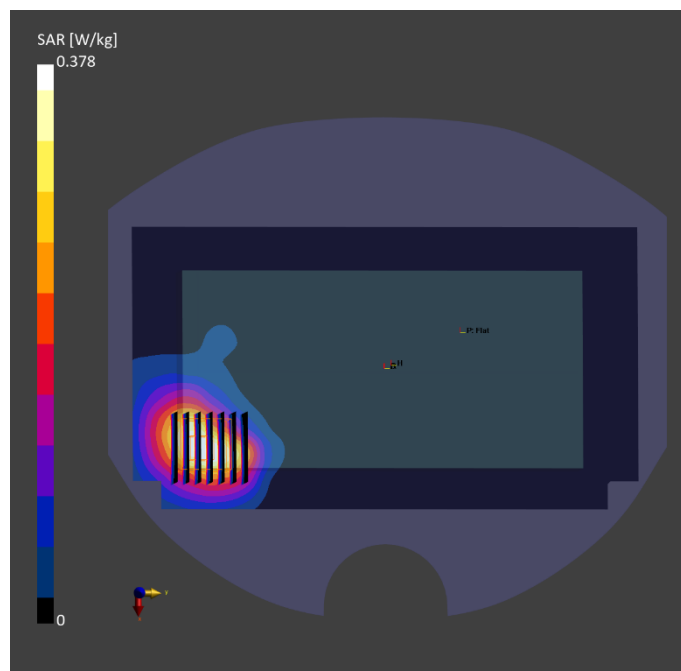
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.261	0.383
psSAR-10g [W/kg]	0.136	0.210
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		73.0
Dist 3dB Peak [mm]		14.2



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

194_NR Band n41_DFT-S QPSK100M_Front Face_5mm_Ch518598_1RB_Offset1_Ant 2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n41	5G NR FR1 TDD, 10866 - AAF	2592.990, 518598	7.36	1.99	40.5

Hardware Setup

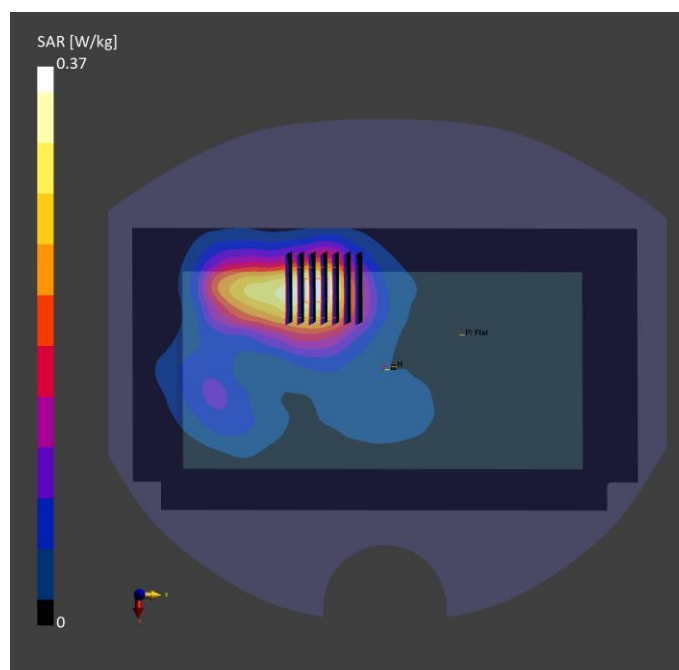
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.230	0.243
psSAR-10g [W/kg]	0.123	0.131
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.0
Dist 3dB Peak [mm]		13.0



Test Date : 2023-11-22 | Ambient Temp : 22.4 °C | Tissue Temp : 21.9 °C

Test Mode

195_NR Band n41_DFT-S QPSK100M_Rear Face_10mm_Ch518598_1RB_Offset1_Ant 3_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n41	5G NR FR1 TDD, 10866 - AAF	2592.990, 518598	7.36	1.99	40.5

Hardware Setup

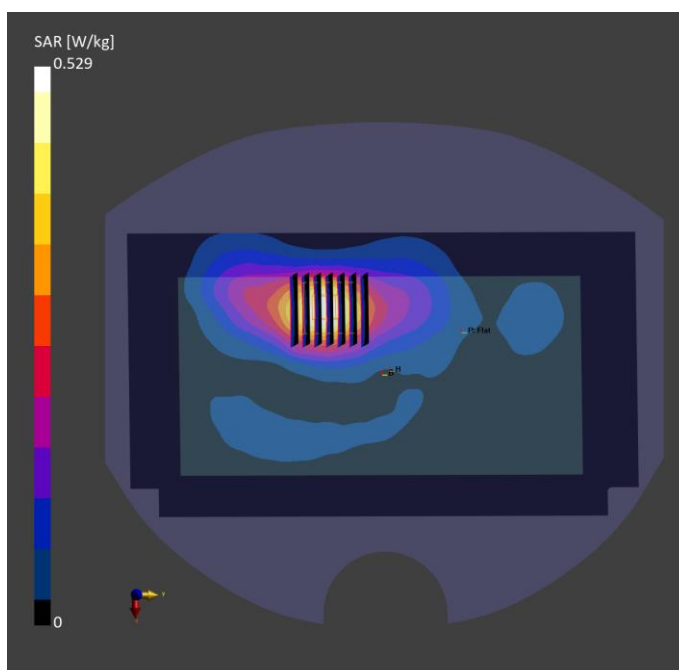
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.313	0.331
psSAR-10g [W/kg]	0.163	0.169
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.7
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

196_NR Band n48_DFT-S QPSK40M_Rear Face_5mm_Ch642888_1RB_Offset1_Ant 4_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n48	5G NR FR1 TDD, 10903 - AAB	3643.320, 642888	6.87	2.86	39.5

Hardware Setup

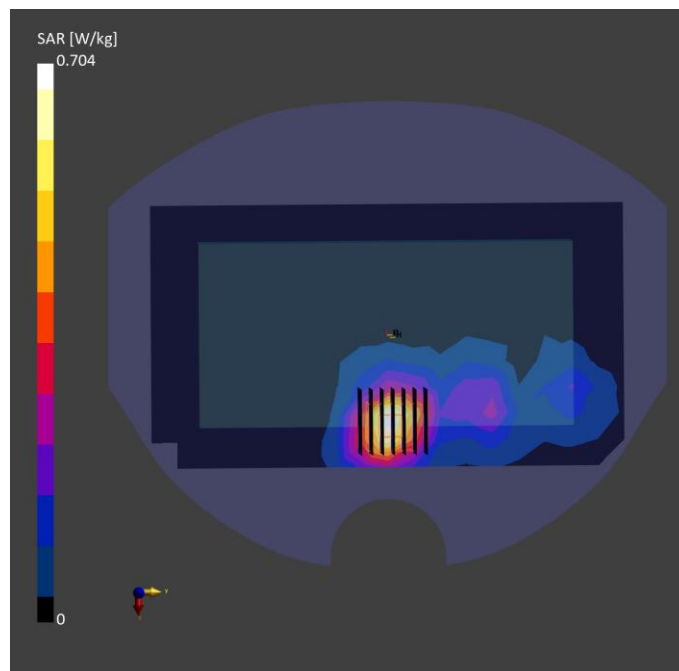
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.426	0.435
psSAR-10g [W/kg]	0.142	0.146
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.1
Dist 3dB Peak [mm]		12.6



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

197_NR Band n48_DFT-S QPSK40M_Rear Face_5mm_Ch645332_1RB_Offset1_Ant 5_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n48	5G NR FR1 TDD, 10903 - AAB	3679.980, 645332	6.87	2.89	39.4

Hardware Setup

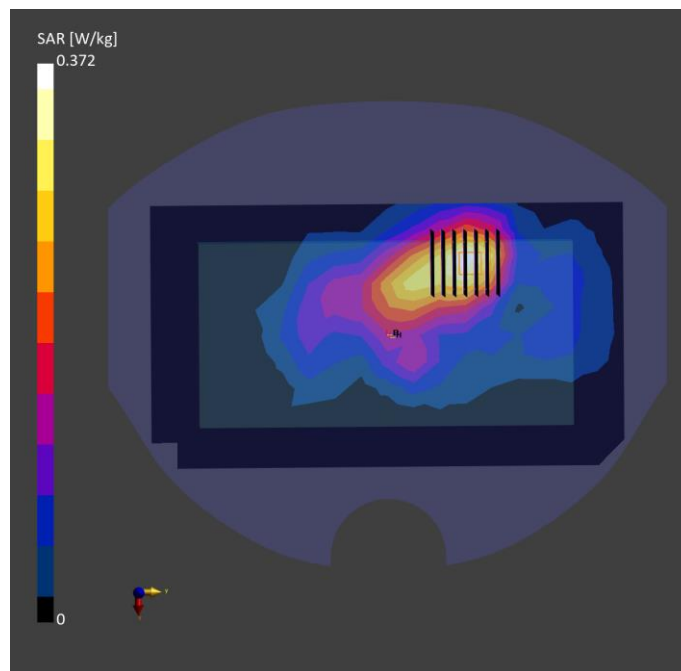
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.297	0.307
psSAR-10g [W/kg]	0.142	0.144
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.8
Dist 3dB Peak [mm]		14.9



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

198_NR Band n48_DFT-S QPSK40M_Rear Face_5mm_Ch640444_1RB_Offset1_Ant 6_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n48	5G NR FR1 TDD, 10903 - AAB	3606.660, 640444	6.87	2.82	39.5

Hardware Setup

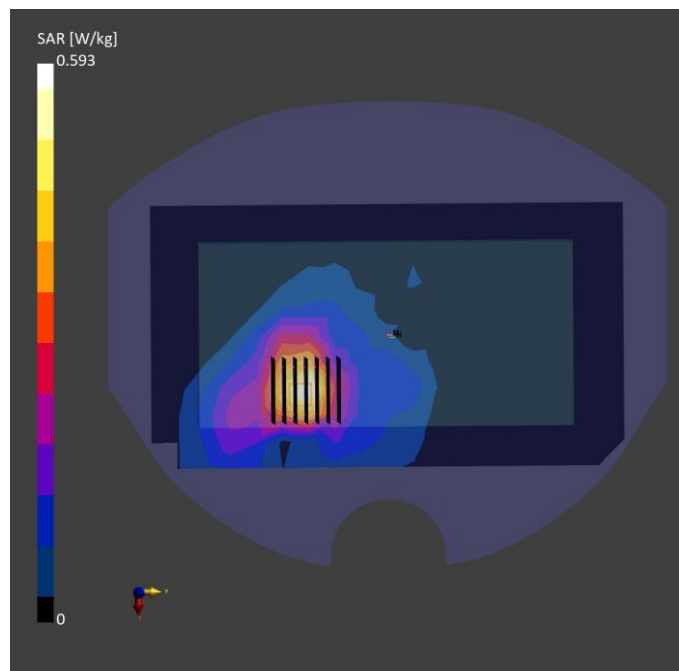
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.468	0.479
psSAR-10g [W/kg]	0.201	0.202
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.6
Dist 3dB Peak [mm]		11.0



Test Date : 2023-11-14 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

199_NR Band n48_DFT-S QPSK40M_Rear Face_5mm_Ch638000_1RB_Offset1_Ant 7_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n48	5G NR FR1 TDD, 10903 - AAB	3570.000, 638000	6.87	2.78	39.6

Hardware Setup

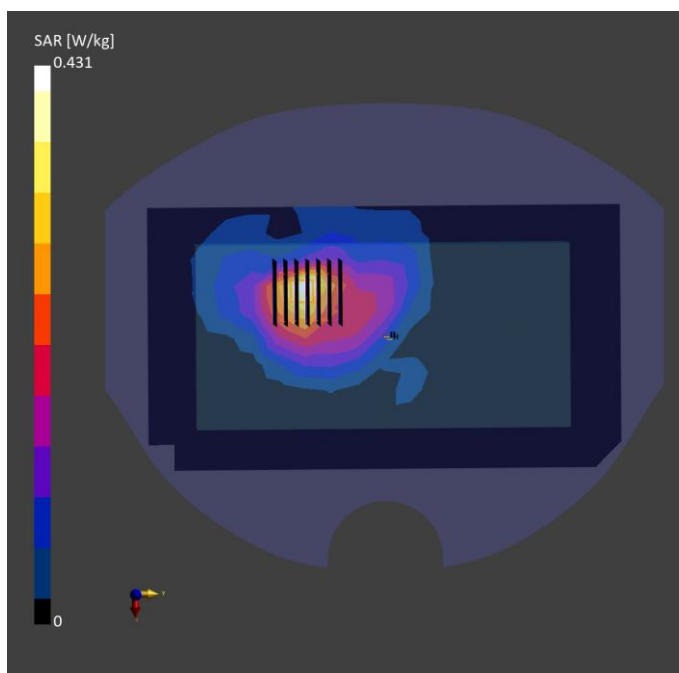
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.328	0.345
psSAR-10g [W/kg]	0.146	0.149
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.4
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

200_NR Band n77_DFT-S QPSK100M_Front Face_5mm_Ch645619_1RB_Offset1_Ant 4_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n77	5G NR FR1 TDD, 10866 - AAF	3684.300, 645619	6.68	2.83	38.6

Hardware Setup

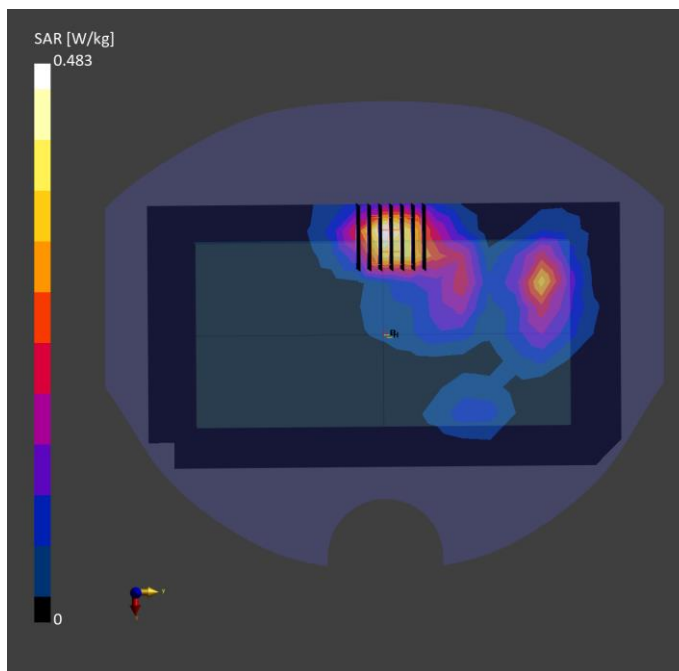
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.390	0.456
psSAR-10g [W/kg]	0.179	0.183
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.2
Dist 3dB Peak [mm]		7.3



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

201_NR Band n77_DFT-S QPSK100M_Rear Face_5mm_Ch645619_1RB_Offset1_Ant 5_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n77	5G NR FR1 TDD, 10866 - AAF	3684.300, 645619	6.68	2.83	38.6

Hardware Setup

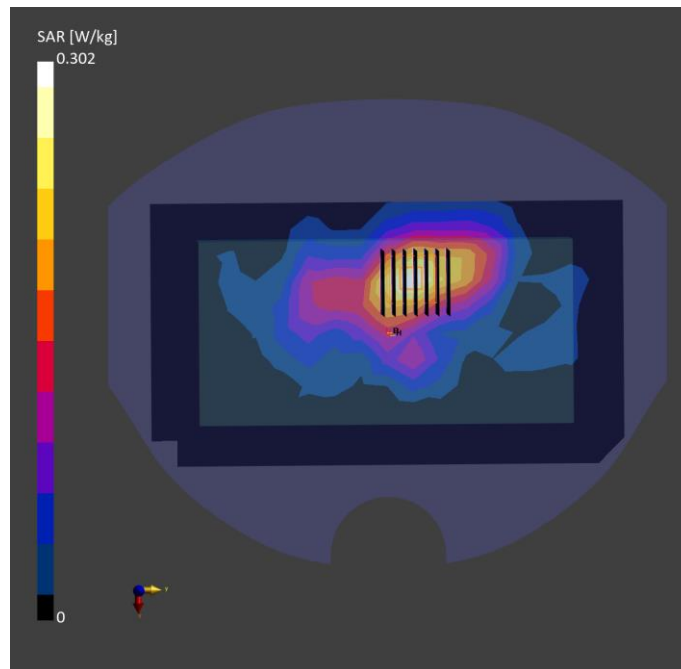
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.239	0.249
psSAR-10g [W/kg]	0.115	0.115
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.7
Dist 3dB Peak [mm]		14.9



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

202_NR Band n77_DFT-S QPSK100M_Front Face_5mm_Ch649714_1RB_Offset1_Ant 6_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n77	5G NR FR1 TDD, 10866 - AAF	3745.710, 649714	6.68	2.89	38.6

Hardware Setup

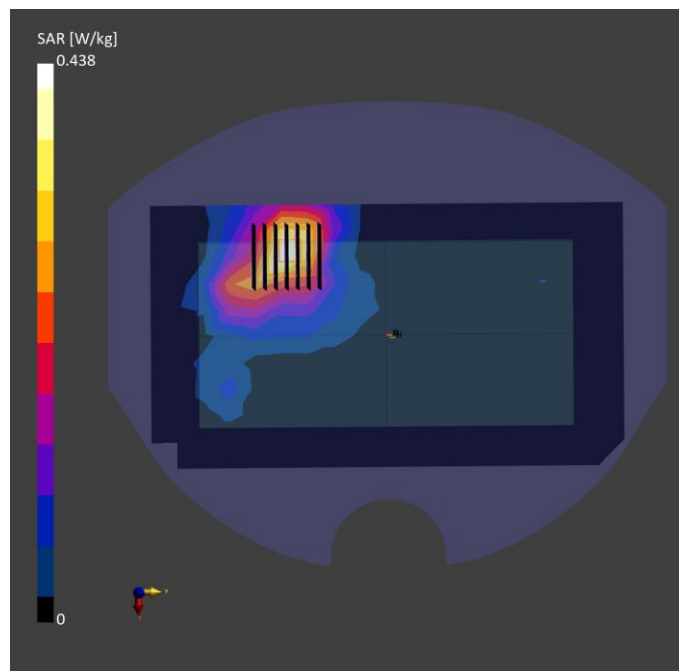
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.346	0.362
psSAR-10g [W/kg]	0.164	0.158
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.6
Dist 3dB Peak [mm]		12.1



Test Date : 2023-11-15 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

203_NR Band n77_DFT-S QPSK100M_Rear Face_5mm_Ch645619_1RB_Offset1_Ant 7_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n77	5G NR FR1 TDD, 10866 - AAF	3684.300, 645619	6.68	2.83	38.6

Hardware Setup

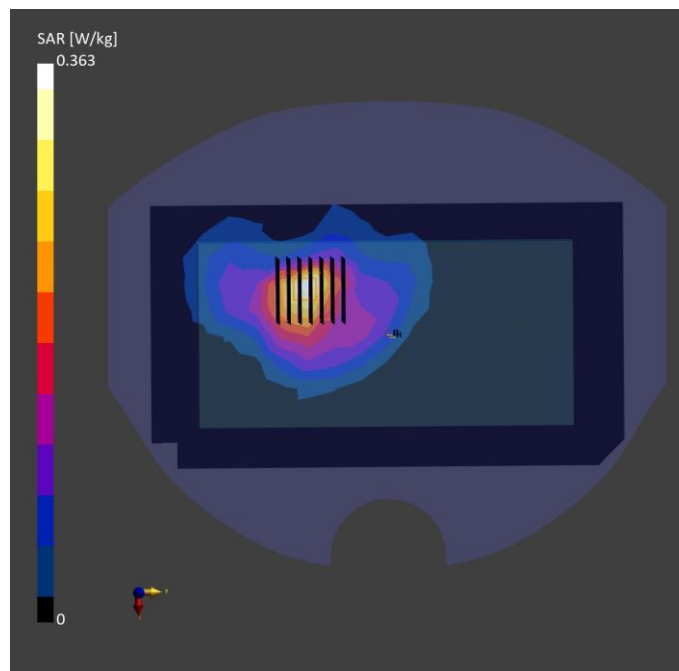
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.281	0.292
psSAR-10g [W/kg]	0.127	0.124
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.0
Dist 3dB Peak [mm]		10.3



Test Date : 2023-11-16 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

204_NR Band n78_DFT-S QPSK100M_Front Face_10mm_Ch637430_1RB_Offset1_Ant 4_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n78	5G NR FR1 TDD, 10866 - AAF	3561.450, 637430	6.68	2.78	39.3

Hardware Setup

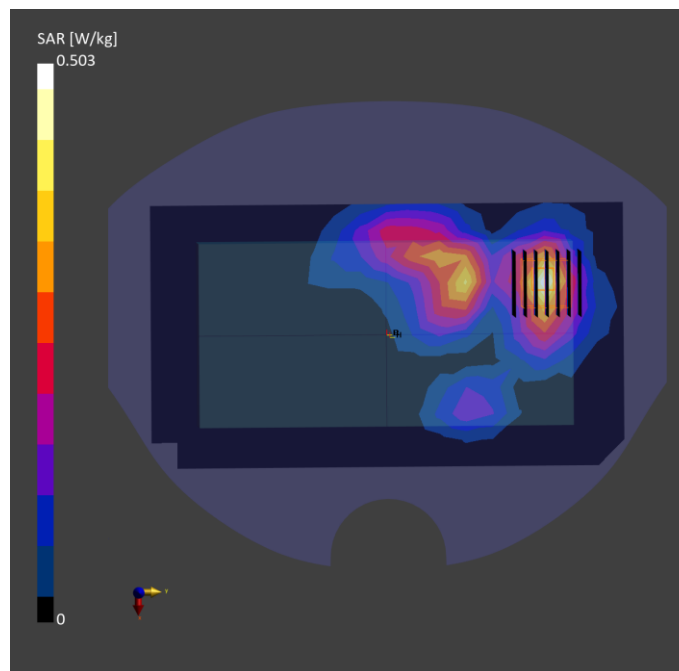
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.376	0.389
psSAR-10g [W/kg]	0.165	0.171
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.5
Dist 3dB Peak [mm]		11.1



Test Date : 2023-11-16 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

205_NR Band n78_DFT-S QPSK100M_Front Face_5mm_Ch633334_1RB_Offset1_Ant 5_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n78	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.68	2.73	39.4

Hardware Setup

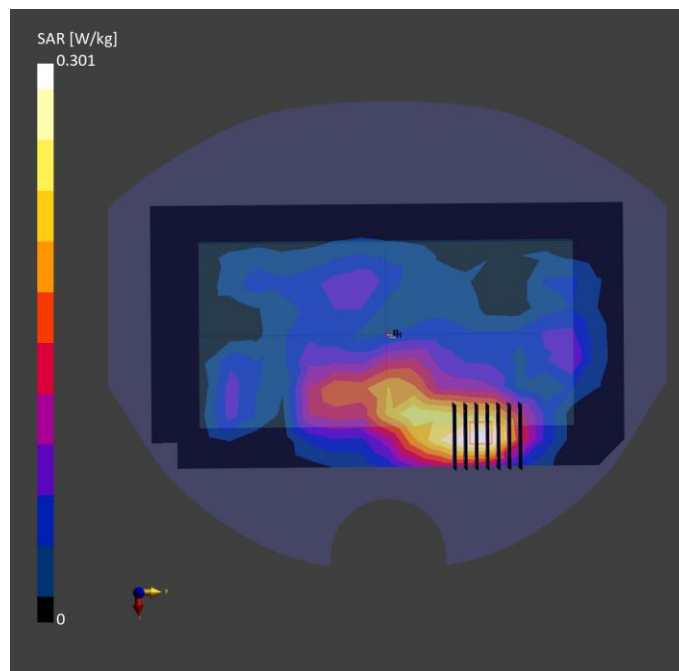
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.248	0.265
psSAR-10g [W/kg]	0.121	0.117
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		64.3
Dist 3dB Peak [mm]		12.0



Test Date : 2023-11-16 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

206_NR Band n78_DFT-S QPSK100M_Rear Face_5mm_Ch637430_1RB_Offset1_Ant 6_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n78	5G NR FR1 TDD, 10866 - AAF	3561.450, 637430	6.68	2.78	39.3

Hardware Setup

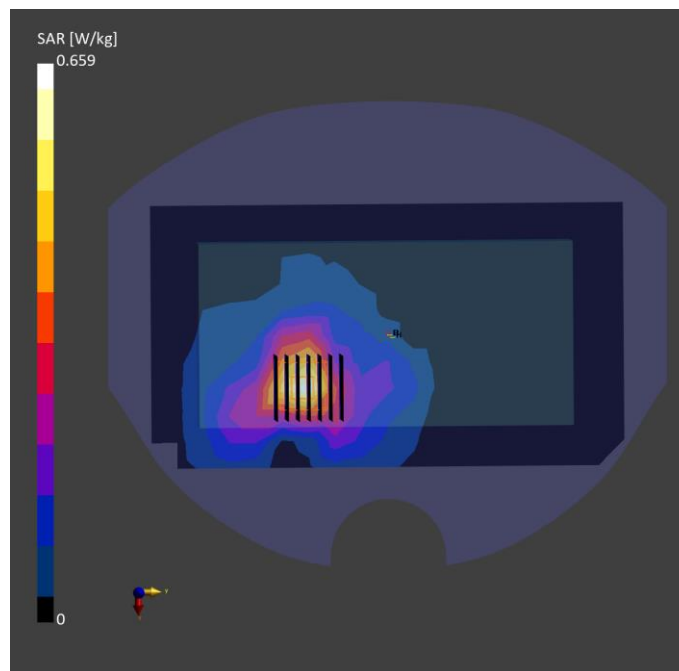
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.471	0.473
psSAR-10g [W/kg]	0.168	0.174
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.9
Dist 3dB Peak [mm]		11.1



Test Date : 2023-11-16 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

207_NR Band n78_DFT-S QPSK100M_Rear Face_5mm_Ch633334_1RB_Offset1_Ant 7_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band n78	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.68	2.73	39.4

Hardware Setup

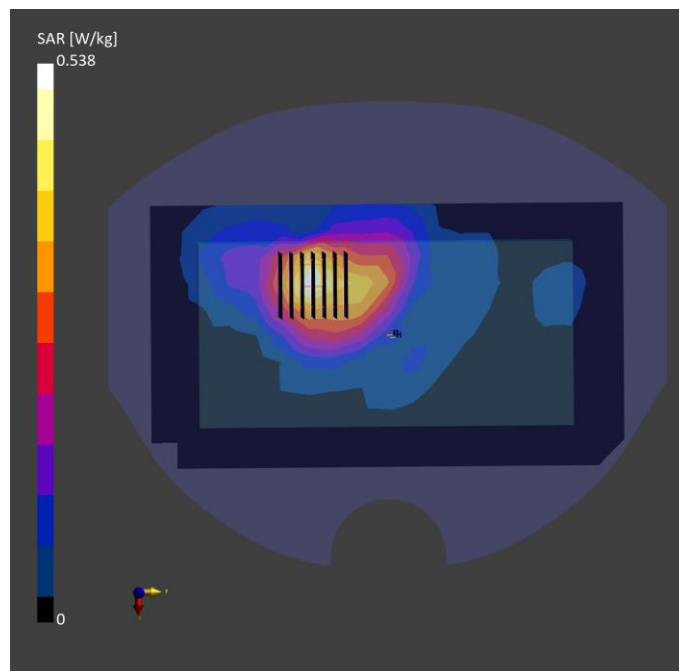
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 28.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 2.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.424	0.465
psSAR-10g [W/kg]	0.205	0.210
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.3
Dist 3dB Peak [mm]		10.2



Test Date : 2023-10-11 | Ambient Temp : 22.6 °C | Tissue Temp : 21.7 °C

Test Mode

162_WLAN 2.4G_802.11b_Rear Face_5mm_Ch6_Ant 1_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300020	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 2.4GHz	WLAN, 10012 - CAB	2437.000, 6	7.05	1.82	40.0

Hardware Setup

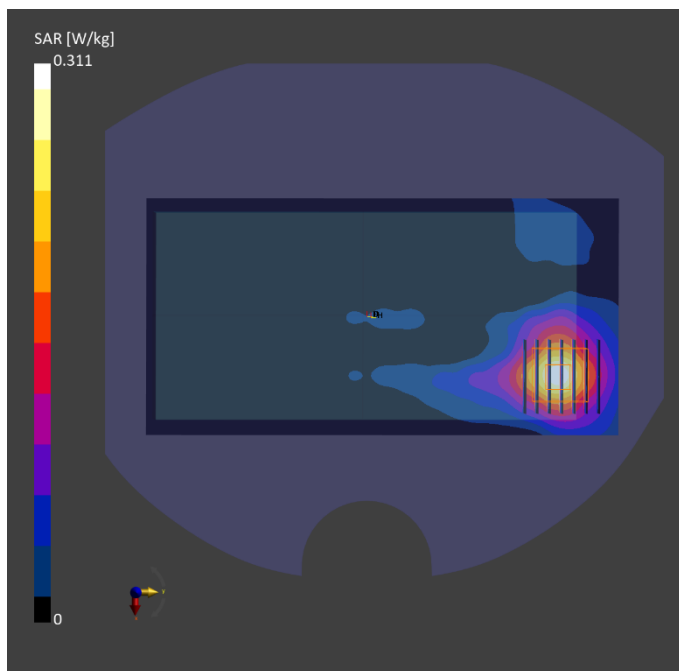
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 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 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.289	0.308
psSAR-10g [W/kg]	0.143	0.179
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.8
Dist 3dB Peak [mm]		12.1



Test Date : 2023-10-11 | Ambient Temp : 22.6 °C | Tissue Temp : 21.7 °C

Test Mode

163_WLAN 5.3G_802.11ac VHT160_Rear Face_5mm_Ch50_Ant 2_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300020	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAD	5250.000, 50	5.02	4.41	35.6

Hardware Setup

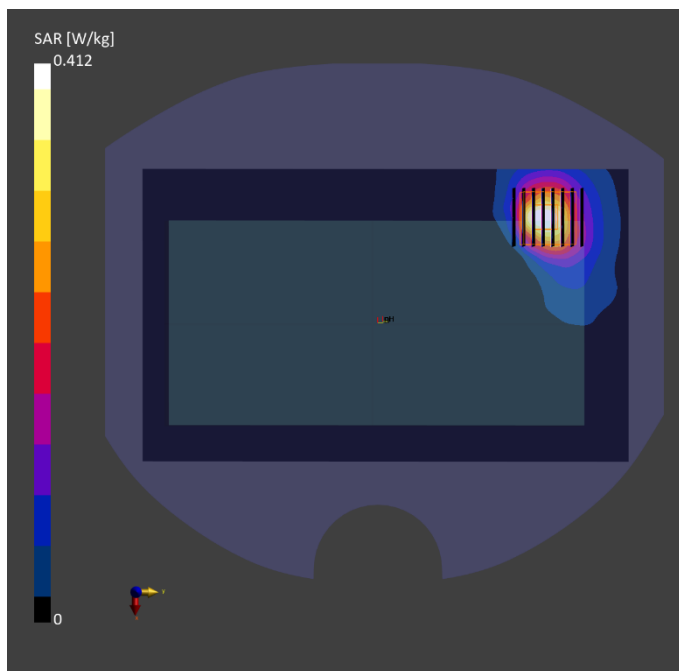
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 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

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.366	0.395
psSAR-10g [W/kg]	0.135	0.127
Power Drift [dB]		-0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.0
Dist 3dB Peak [mm]		10.2



Test Date : 2023-10-11 | Ambient Temp : 22.6 °C | Tissue Temp : 21.7 °C

Test Mode

164_WLAN 5.6G_802.11ac VHT160_Rear Face_5mm_Ch114_Ant 1_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300020	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAD	5570.000, 114	4.29	4.74	35.1

Hardware Setup

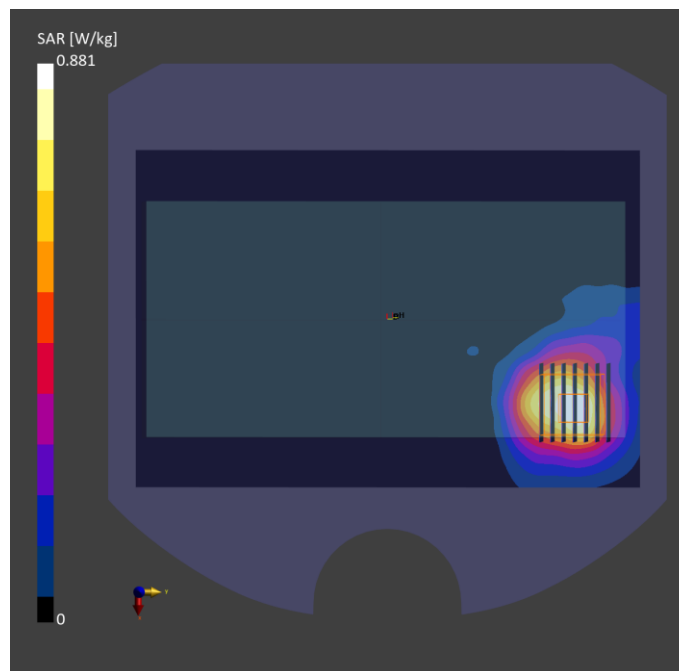
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 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

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.377	0.392
psSAR-10g [W/kg]	0.157	0.150
Power Drift [dB]		-0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		62.6
Dist 3dB Peak [mm]		12.0



Test Date : 2023-10-11 | Ambient Temp : 22.6 °C | Tissue Temp : 21.7 °C

Test Mode

166_WLAN 5.8G_802.11ac VHT160_Rear Face_5mm_Ch163_Ant 2_w/

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300020	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	WLAN 5GHz	WLAN, 10554 - AAD	5815.000, 163	4.36	4.99	34.7

Hardware Setup

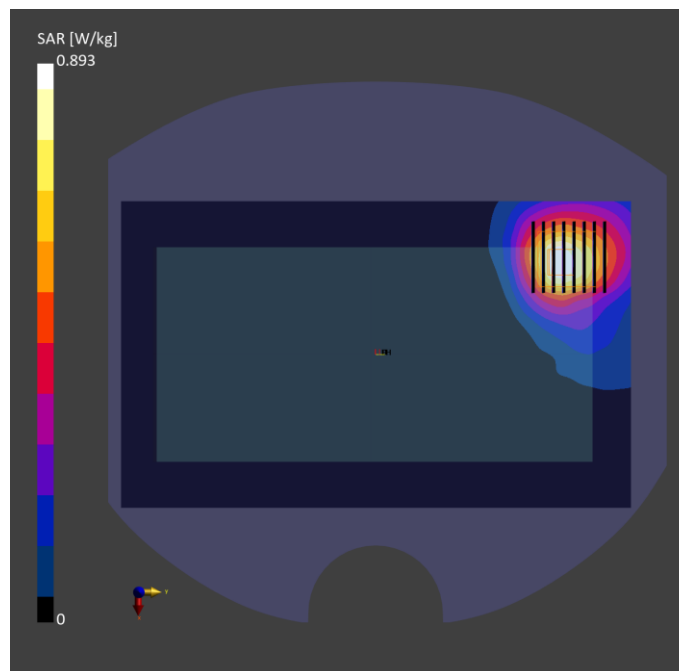
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 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

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.396	0.387
psSAR-10g [W/kg]	0.162	0.150
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.1
Dist 3dB Peak [mm]		13.2



Test Date : 2023-10-11 | Ambient Temp : 22.6 °C | Tissue Temp : 21.7 °C

Test Mode

167_BT_BDR_Rear Face_5mm_Ch39_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300075	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2441.000, 39	7.05	1.83	40.0

Hardware Setup

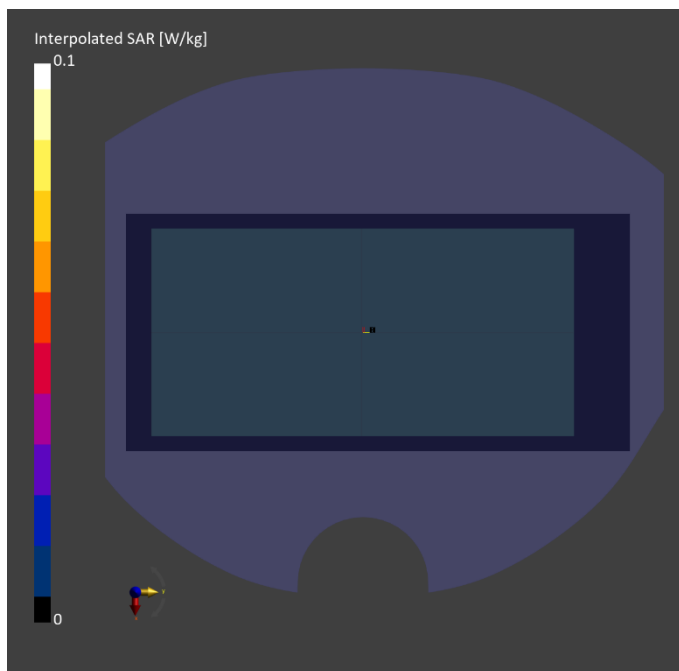
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	x x
Grid Steps [mm]	12.0 x 12.0	x x
Sensor Surface [mm]	3.0	
Graded Grid	N/A	
Grading Ratio	N/A	

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0	
psSAR-10g [W/kg]	0	
Power Drift [dB]		
TSL Correction	Positive only	
M2 / M1 [%]		
Dist 3dB Peak [mm]		



Test Date : 2023-10-11 | Ambient Temp : 22.6 °C | Tissue Temp : 21.7 °C

Test Mode

167_BT_BDR_Rear Face_5mm_Ch39_Ant 1_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300075	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2441.000, 39	7.05	1.83	40.0

Hardware Setup

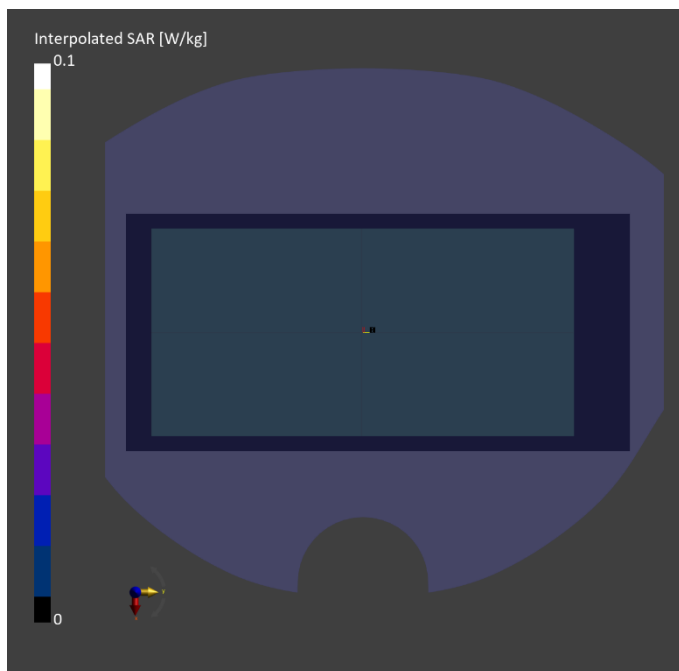
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	x x
Grid Steps [mm]	12.0 x 12.0	x x
Sensor Surface [mm]	3.0	
Graded Grid	N/A	
Grading Ratio	N/A	

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0	
psSAR-10g [W/kg]	0	
Power Drift [dB]		
TSL Correction	Positive only	
M2 / M1 [%]		
Dist 3dB Peak [mm]		



Test Date : 2023-10-12 | Ambient Temp : 22.8 °C | Tissue Temp : 21.9 °C

Test Mode

169_UNII-5_802.11ax HE160_Rear Face_5mm_Ch79_Ant 1+2_w/o

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300020	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-5	WLAN, 10755 - AAC	6345.000, 79	4.47	5.80	34.5

Hardware Setup

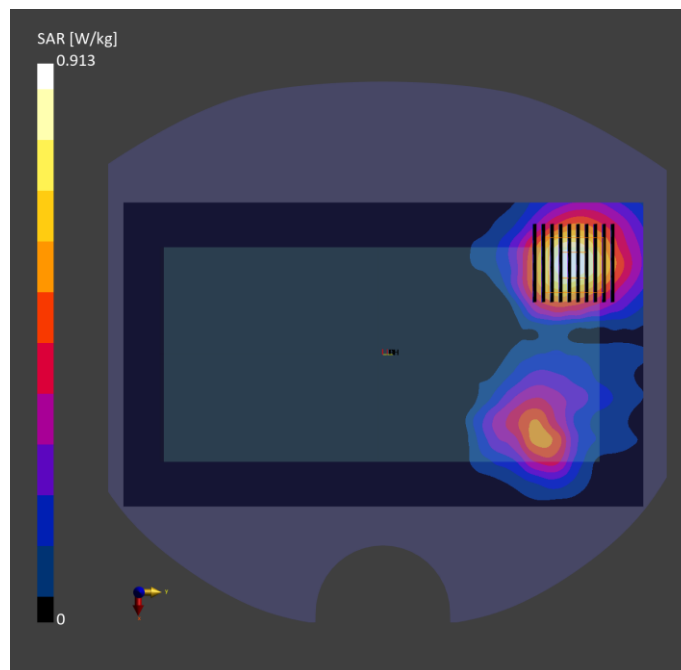
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 187.0	23.8 x 23.8 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

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.355	0.374
psSAR-10g [W/kg]	0.146	0.156
psAPD (1.0 cm ² , sq) [W/m ²]		3.74
psAPD (4.0 cm ² , sq) [W/m ²]		3.44
Power Drift [dB]		0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.4
Dist 3dB Peak [mm]		11.0



Test Date : 2023-11-11 | Ambient Temp : 22.5 °C

Test Mode

169_UNII-5_802.11ax HE160_Rear Face_5mm_Ch79_Ant 1+2

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300008	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6345.0, 79	1.0

Hardware Setup

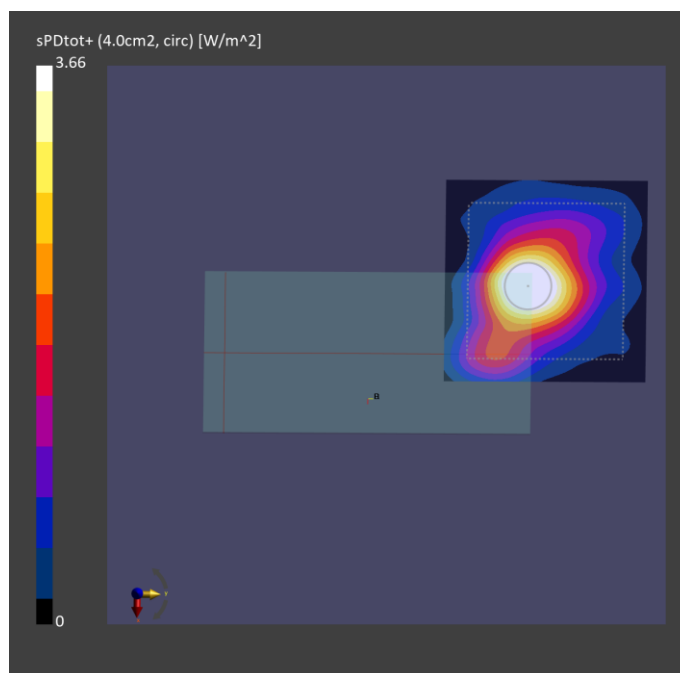
Phantom	Medium	Probe / Calibration Date	DAE / Calibration Date
mmWave - 1102	Air	EUmmWV3 - SN9403_F1-55GHz / 2022-12-07	DAE4 Sn1669 / 2023-05-23

Scan Setup

	5G Scan
Grid Extents [mm]	95.0 x 95.0
Grid Steps [mm]	0.0529 x 0.0529
Sensor Surface [mm]	5.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	3.21
psPD tot+ [W/m ²]	3.66
psPD mod+ [W/m ²]	4.05
E max [V/m]	54.3
Power Drift [dB]	-0.05



Test Date : 2023-11-09 | Ambient Temp : 22.1 °C | Tissue Temp : 21.7 °C

Test Mode

1_GSM850_GPRS 12_Rear Face_10mm_Ch251_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	GSM 850	GSM, 10028 - DAC	848.800, 251	10.38	0.889	42.4

Hardware Setup

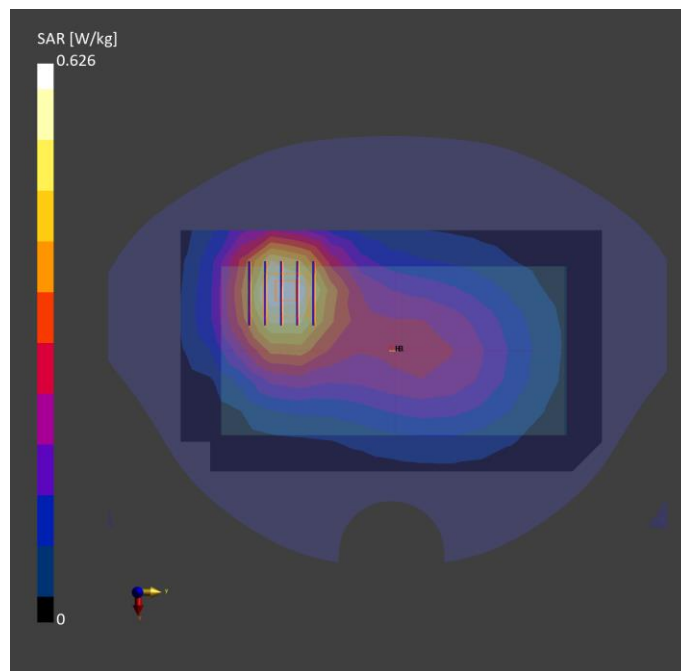
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.586	0.572
psSAR-10g [W/kg]	0.395	0.403
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.8
Dist 3dB Peak [mm]		> 16.0



Test Date : 2023-11-09 | Ambient Temp : 22.1 °C | Tissue Temp : 21.7 °C

Test Mode

2_GSM850_GPRS 12_Left Side_10mm_Ch128_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	GSM 850	GSM, 10028 - DAC	824.200, 128	10.38	0.881	42.5

Hardware Setup

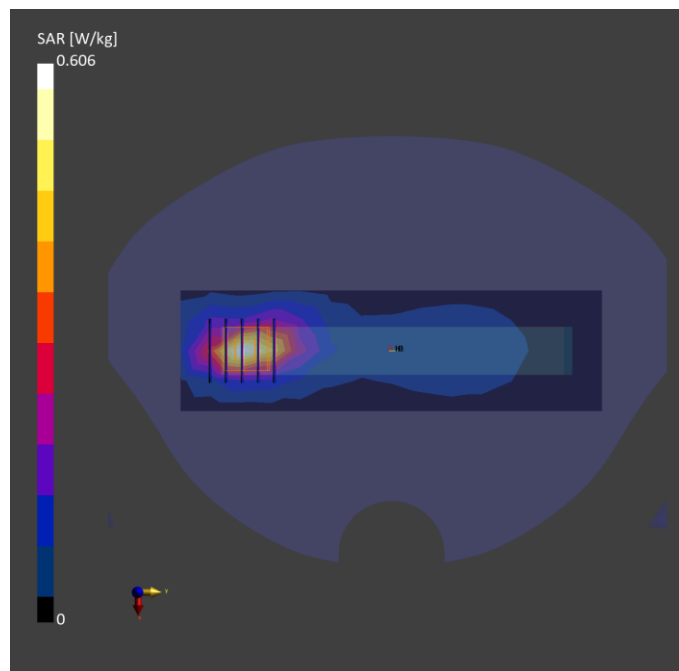
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.503	0.494
psSAR-10g [W/kg]	0.285	0.266
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.4
Dist 3dB Peak [mm]		10.2



Test Date : 2023-10-31 | Ambient Temp : 22.4 °C | Tissue Temp : 22.0 °C

Test Mode

3_GSM1900_GPRS 10_Right Side_10mm_Ch810_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	PCS 1900	GSM, 10024 - DAC	1909.800, 810	8.64	1.39	37.2

Hardware Setup

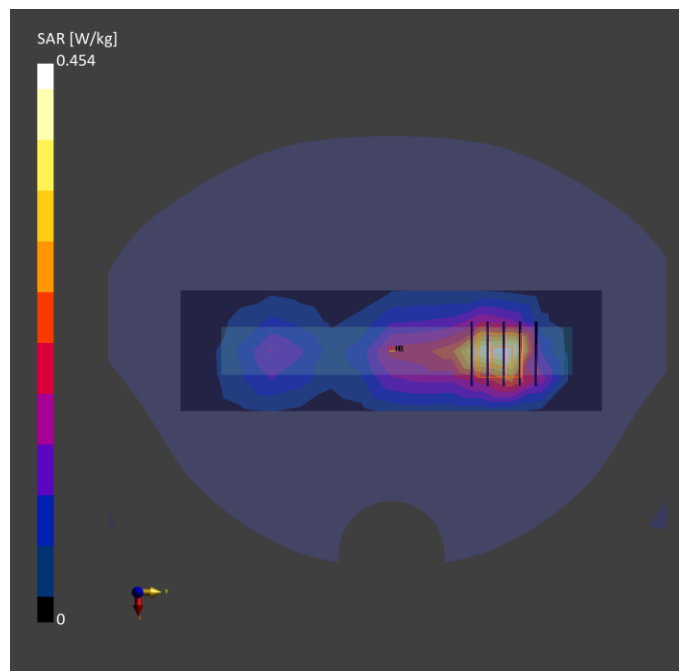
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.386	0.404
psSAR-10g [W/kg]	0.211	0.222
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.7
Dist 3dB Peak [mm]		12.9



Test Date : 2023-10-31 | Ambient Temp : 22.4 °C | Tissue Temp : 22.0 °C

Test Mode

4_GSM1900_GPRS 10_Left Side_10mm_Ch810_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	PCS 1900	GSM, 10024 - DAC	1909.800, 810	8.64	1.39	37.2

Hardware Setup

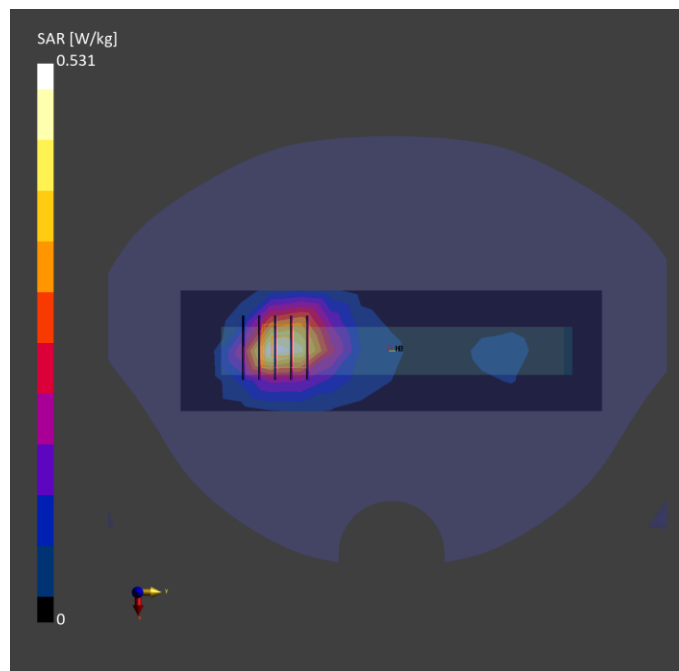
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.451	0.467
psSAR-10g [W/kg]	0.250	0.263
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.2
Dist 3dB Peak [mm]		13.7



Test Date : 2023-10-31 | Ambient Temp : 22.4 °C | Tissue Temp : 22.0 °C

Test Mode

5_GSM1900_GPRS 10_Left Side_10mm_Ch512_Ant 2

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	PCS 1900	GSM, 10024 - DAC	1850.200, 512	8.64	1.36	37.3

Hardware Setup

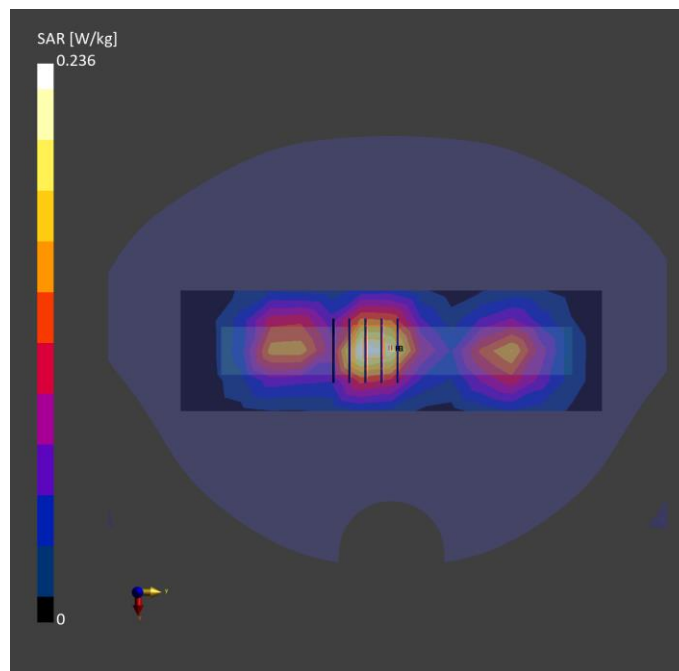
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.202	0.215
psSAR-10g [W/kg]	0.114	0.123
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.7
Dist 3dB Peak [mm]		16.5



Test Date : 2023-10-31 | Ambient Temp : 22.4 °C | Tissue Temp : 22.0 °C

Test Mode

6_GSM1900_GPRS 12_Right Side_10mm_Ch810_Ant 3

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	PCS 1900	GSM, 10028 - DAC	1909.800, 810	8.64	1.39	37.2

Hardware Setup

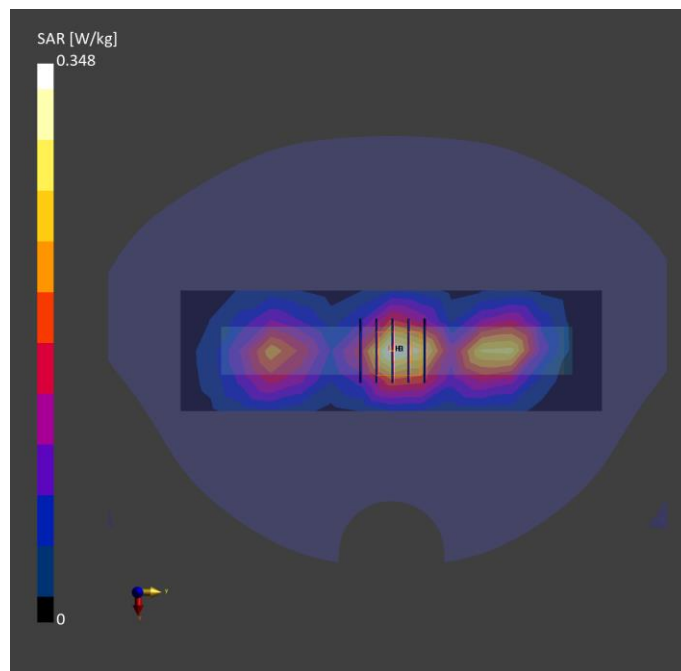
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.290	0.315
psSAR-10g [W/kg]	0.161	0.176
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.1
Dist 3dB Peak [mm]		15.8



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

7_WCDMA Band II_RMC12.2K_Right Side_10mm_Ch9400_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 2	WCDMA, 10011 - CAC	1880.000, 9400	8.64	1.37	37.3

Hardware Setup

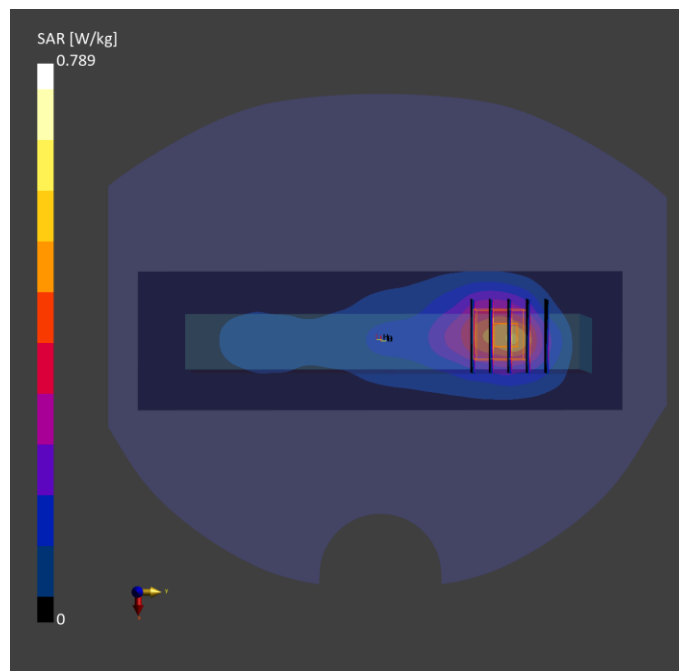
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.516	0.526
psSAR-10g [W/kg]	0.283	0.292
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.6
Dist 3dB Peak [mm]		12.8



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

8_WCDMA Band II_RMC12.2K_Left Side_10mm_Ch9262_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 2	WCDMA, 10011 - CAC	1852.400, 9262	8.64	1.36	37.3

Hardware Setup

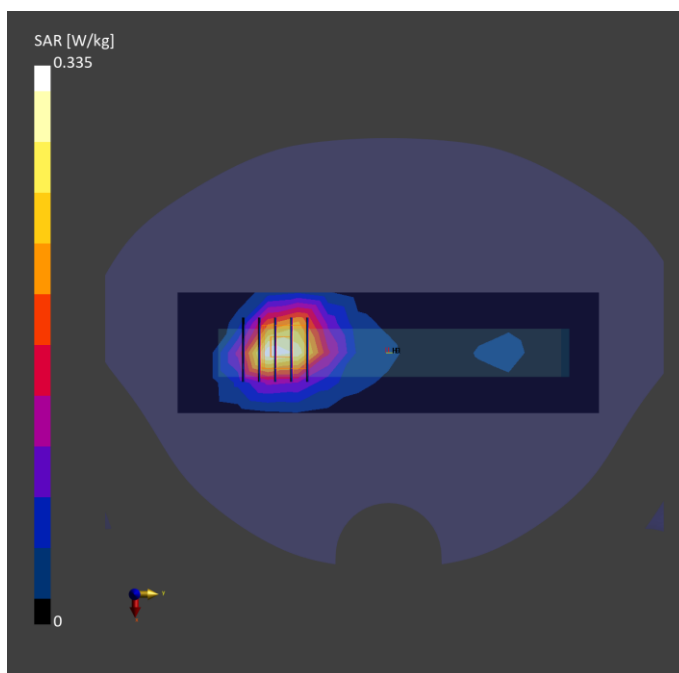
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.290	0.301
psSAR-10g [W/kg]	0.162	0.169
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.4
Dist 3dB Peak [mm]		13.8



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

9_WCDMA Band II_RMC12.2K_Left Side_10mm_Ch9262_Ant 2

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 2	WCDMA, 10011 - CAC	1852.400, 9262	8.64	1.36	37.3

Hardware Setup

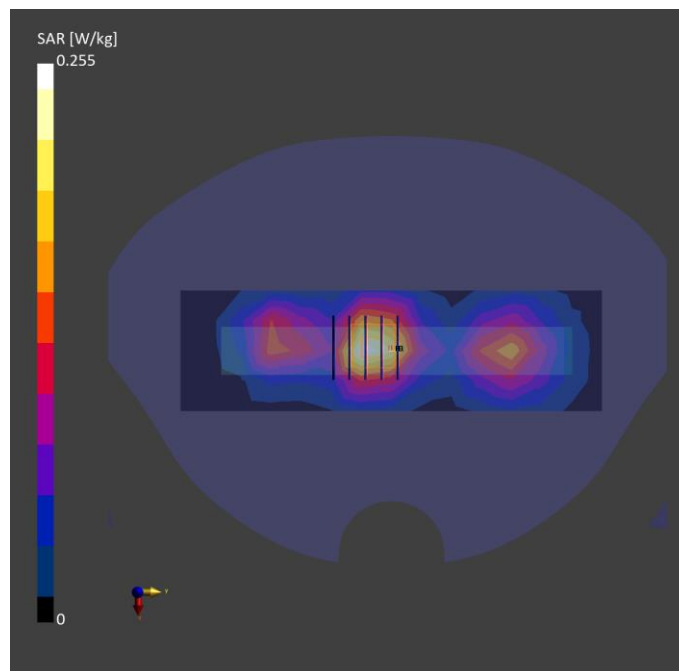
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.217	0.232
psSAR-10g [W/kg]	0.122	0.134
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.1
Dist 3dB Peak [mm]		16.1



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

10_WCDMA Band II_RMC12.2K_Right Side_10mm_Ch9538_Ant 3

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 2	WCDMA, 10011 - CAC	1907.600, 9538	8.64	1.39	37.2

Hardware Setup

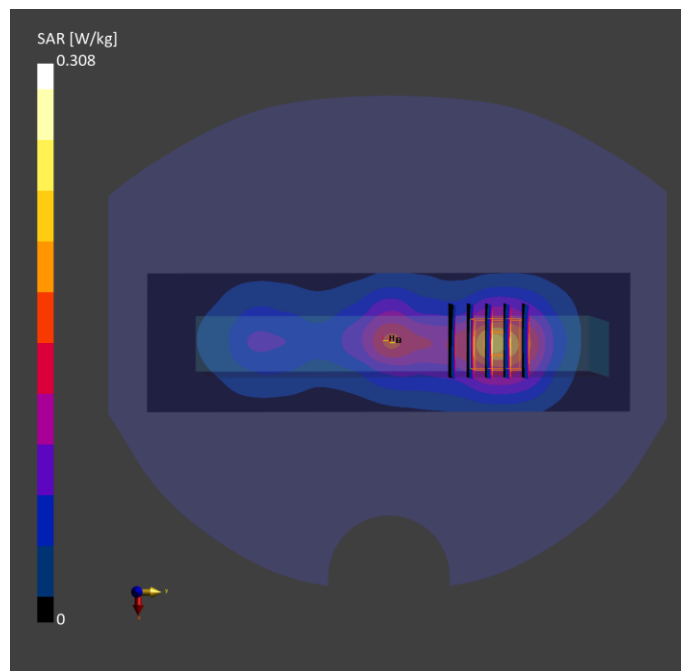
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.206	0.216
psSAR-10g [W/kg]	0.114	0.126
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.2
Dist 3dB Peak [mm]		14.8



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

11_WCDMA Band IV_RMC12.2K_Right Side_10mm_Ch1413_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 4	WCDMA, 10011 - CAC	1732.600, 1413	8.96	1.30	37.5

Hardware Setup

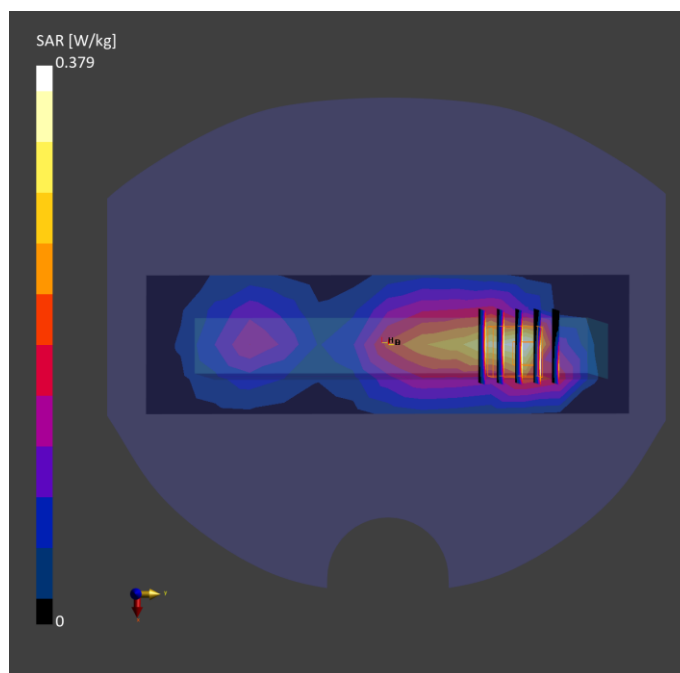
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.317	0.332
psSAR-10g [W/kg]	0.174	0.178
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.6
Dist 3dB Peak [mm]		10.8



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

12_WCDMA Band IV_RMC12.2K_Left Side_10mm_Ch1312_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 4	WCDMA, 10011 - CAC	1712.400, 1312	8.96	1.32	42.0

Hardware Setup

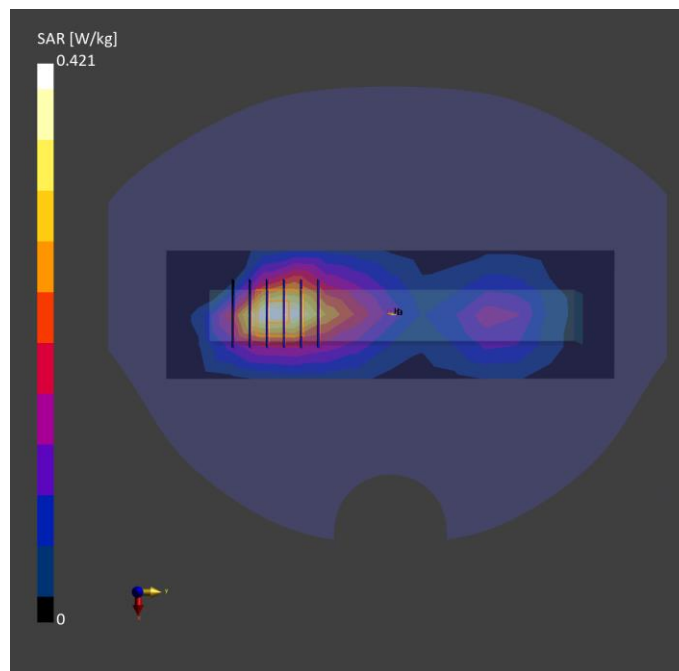
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.374	0.381
psSAR-10g [W/kg]	0.211	0.217
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.9
Dist 3dB Peak [mm]		12.9



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

13_WCDMA Band IV_RMC12.2K_Left Side_10mm_Ch1513_Ant 2

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 4	WCDMA, 10011 - CAC	1752.600, 1513	8.96	1.31	37.5

Hardware Setup

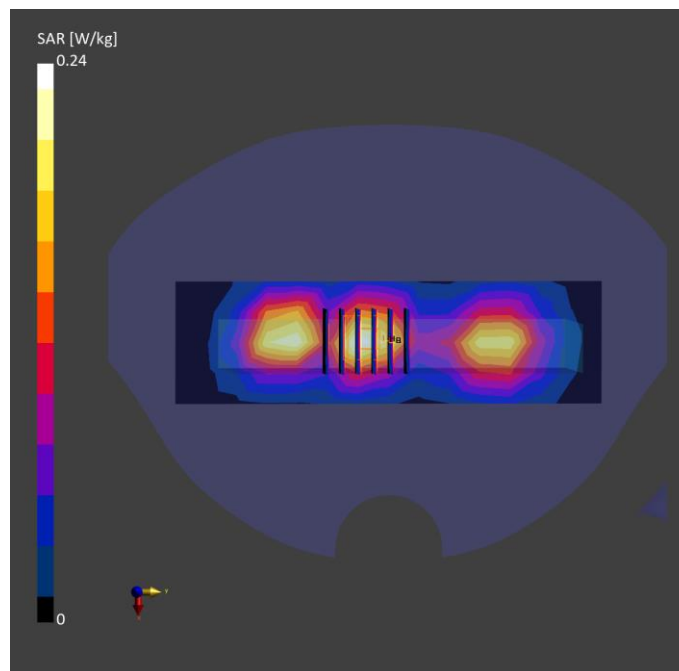
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.202	0.215
psSAR-10g [W/kg]	0.113	0.122
Power Drift [dB]		-0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.8
Dist 3dB Peak [mm]		15.8



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

14_WCDMA Band IV_RMC12.2K_Right Side_10mm_Ch1513_Ant 3

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 4	WCDMA, 10011 - CAC	1752.600, 1513	8.96	1.31	37.5

Hardware Setup

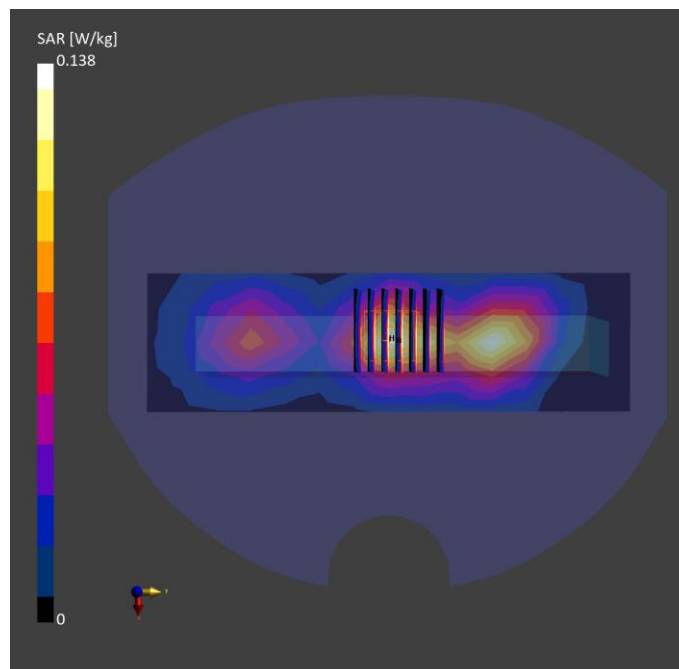
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.115	0.125
psSAR-10g [W/kg]	0.064	0.069
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		82.1
Dist 3dB Peak [mm]		14.1



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

15_WCDMA Band V_RMC12.2K_Rear Face_10mm_Ch4182_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	WCDMA, 10011 - CAC	836.400, 4182	10.38	0.900	39.5

Hardware Setup

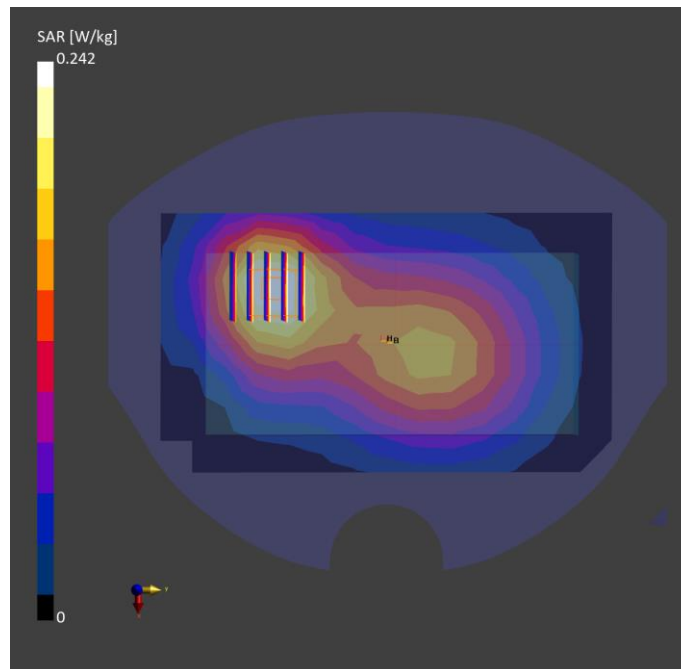
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

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	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.223	0.227
psSAR-10g [W/kg]	0.152	0.155
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.9
Dist 3dB Peak [mm]		> 16.0



Test Date : 2023-11-02 | Ambient Temp : 22.3 °C | Tissue Temp : 21.8 °C

Test Mode

16_WCDMA Band V_RMC12.2K_Left Side_10mm_Ch4182_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	WCDMA, 10011 - CAC	836.400, 4182	10.38	0.900	39.5

Hardware Setup

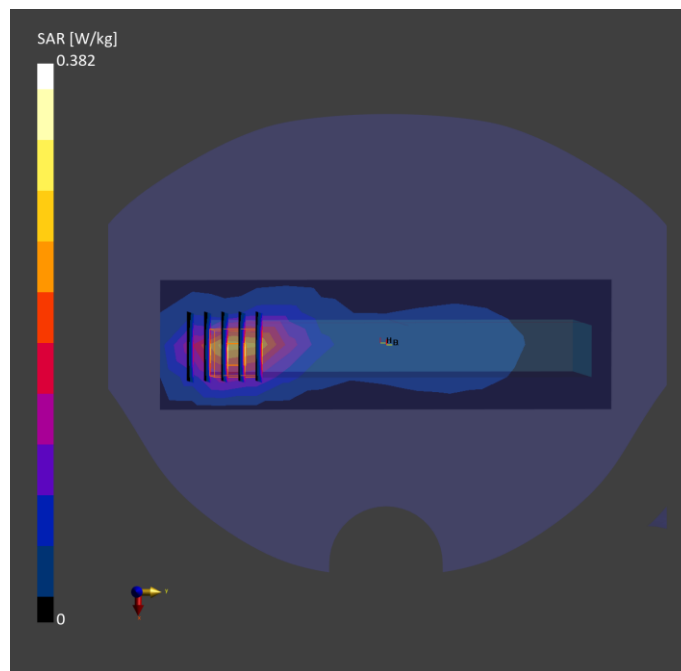
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.244	0.257
psSAR-10g [W/kg]	0.147	0.141
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		53.3
Dist 3dB Peak [mm]		9.6



Test Date : 2023-10-25 | Ambient Temp : 21.9 °C | Tissue Temp : 21.6 °C

Test Mode

17_LTE Band 5_QPSK10M_Right Side_10mm_Ch20600_1RB_Offset0_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	LTE-FDD, 10175 - CAH	844.000, 20600	10.38	0.923	43.3

Hardware Setup

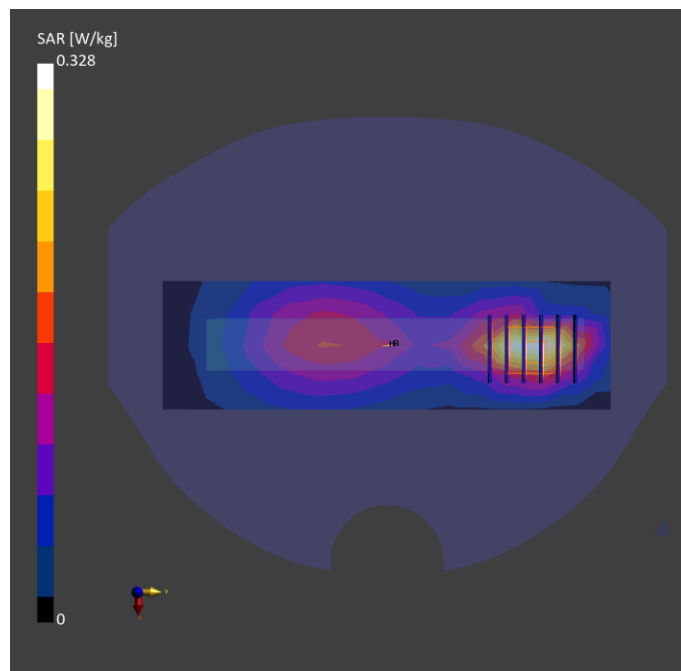
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.284	0.290
psSAR-10g [W/kg]	0.172	0.160
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		50.2
Dist 3dB Peak [mm]		9.6



Test Date : 2023-10-25 | Ambient Temp : 21.9 °C | Tissue Temp : 21.6 °C

Test Mode

18_LTE Band 5_QPSK10M_Left Side_10mm_Ch20450_1RB_Offset0_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 5	LTE-FDD, 10175 - CAH	844.000, 20600	10.38	0.923	43.3

Hardware Setup

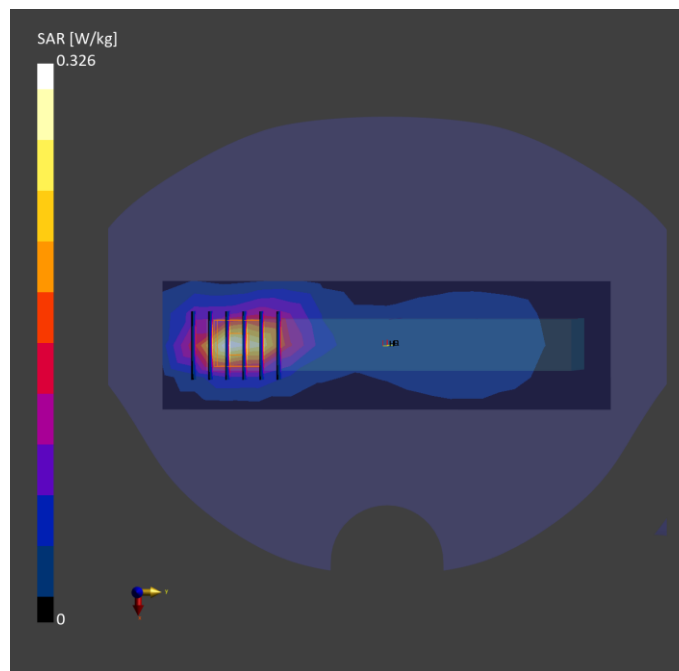
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.271	0.266
psSAR-10g [W/kg]	0.156	0.144
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.7
Dist 3dB Peak [mm]		9.6



Test Date : 2023-10-26 | Ambient Temp : 22.3 °C | Tissue Temp : 21.7 °C

Test Mode

19_LTE Band 7_QPSK20M_Right Side_10mm_Ch20850_1RB_Offset0_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2510.000, 20850	8.04	1.90	40.4

Hardware Setup

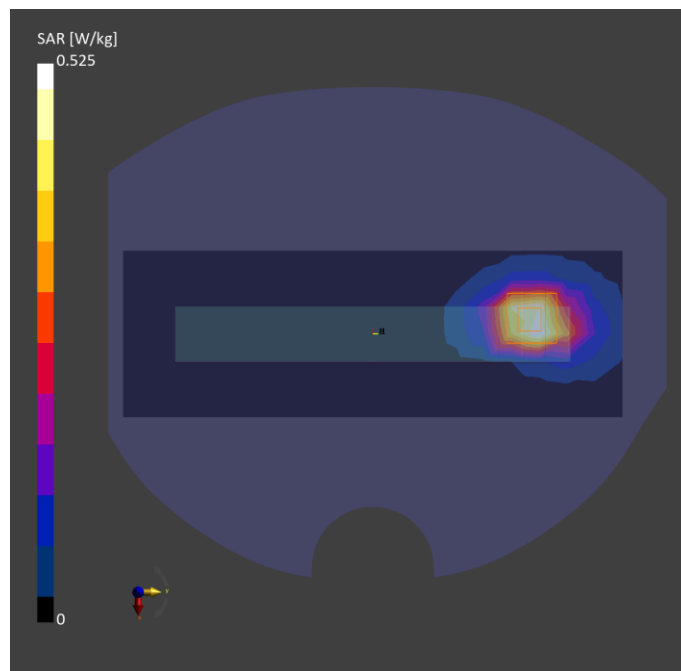
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.468	0.535
psSAR-10g [W/kg]	0.231	0.244
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		48.6
Dist 3dB Peak [mm]		9.0



Test Date : 2023-10-26 | Ambient Temp : 22.3 °C | Tissue Temp : 21.7 °C

Test Mode

20_LTE Band 7_QPSK20M_Left Side_10mm_Ch20850_1RB_Offset0_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2510.000, 20850	8.04	1.90	40.4

Hardware Setup

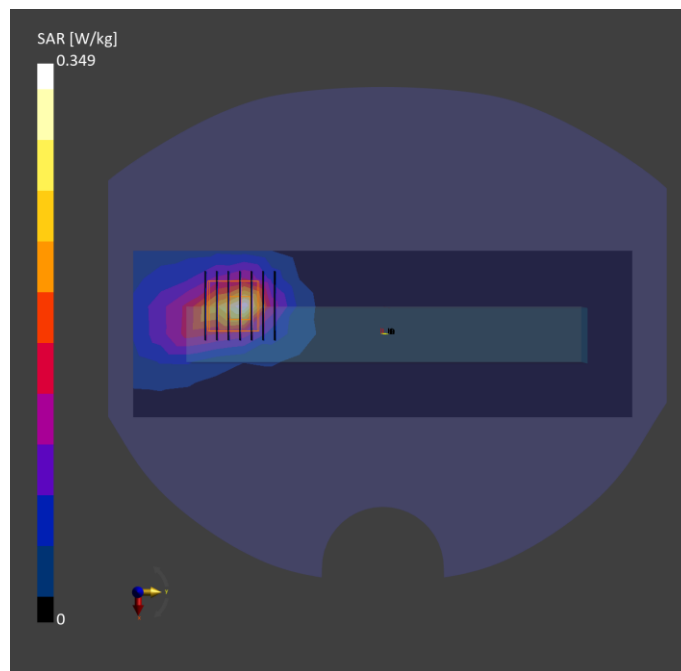
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.257	0.273
psSAR-10g [W/kg]	0.119	0.127
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		47.5
Dist 3dB Peak [mm]		9.5



Test Date : 2023-10-26 | Ambient Temp : 22.3 °C | Tissue Temp : 21.7 °C

Test Mode

21_LTE Band 7_QPSK20M_Left Side_10mm_Ch20850_1RB_Offset0_Ant 2

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2510.000, 20850	8.04	1.90	40.4

Hardware Setup

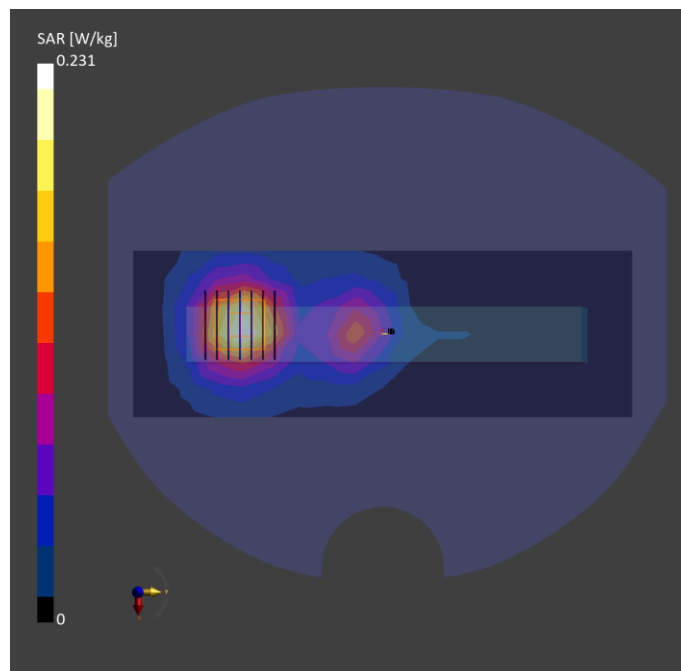
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.189	0.197
psSAR-10g [W/kg]	0.099	0.104
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.4
Dist 3dB Peak [mm]		15.6



Test Date : 2023-10-26 | Ambient Temp : 22.3 °C | Tissue Temp : 21.7 °C

Test Mode

22_LTE Band 7_QPSK20M_Right Side_10mm_Ch21100_1RB_Offset0_Ant 3

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	8.04	1.92	40.3

Hardware Setup

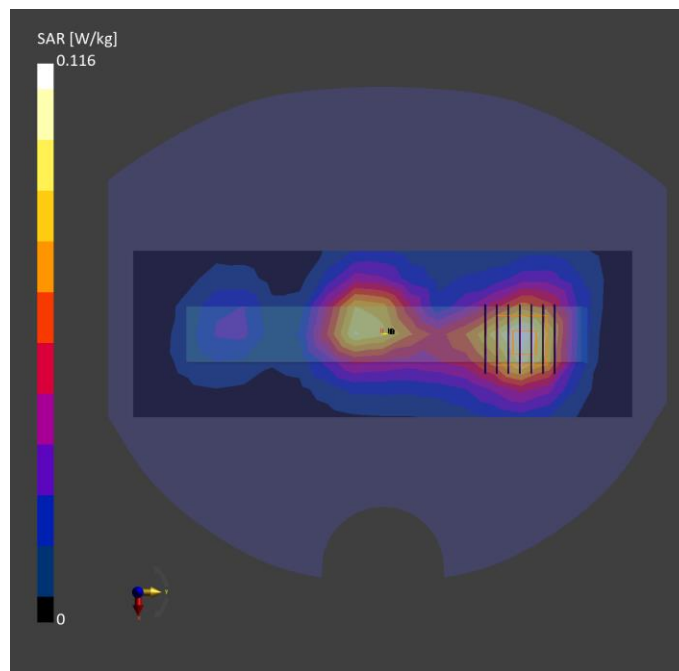
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.094	0.099
psSAR-10g [W/kg]	0.051	0.054
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.3
Dist 3dB Peak [mm]		17.0



Test Date : 2023-10-27 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

23_LTE Band 12_QPSK10M_Bottom Side_10mm_Ch23130_1RB_Offset0_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 12	LTE-FDD, 10175 - CAH	711.000, 23130	9.1	0.885	43.1

Hardware Setup

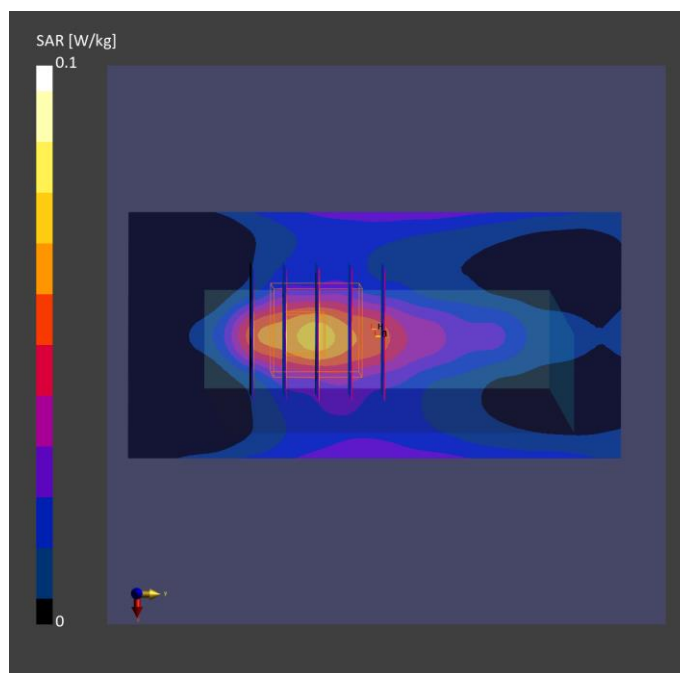
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.076	0.069
psSAR-10g [W/kg]	0.044	0.040
Power Drift [dB]		0.19
TSL Correction	Positive only	Positive only
M2 / M1 [%]		50.4
Dist 3dB Peak [mm]		12.8



Test Date : 2023-10-27 | Ambient Temp : 21.9 °C | Tissue Temp : 21.4 °C

Test Mode

24_LTE Band 12_QPSK10M_Bottom Side_10mm_Ch23130_1RB_Offset0_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 12	LTE-FDD, 10175 - CAH	711.000, 23130	10.63	0.894	44.4

Hardware Setup

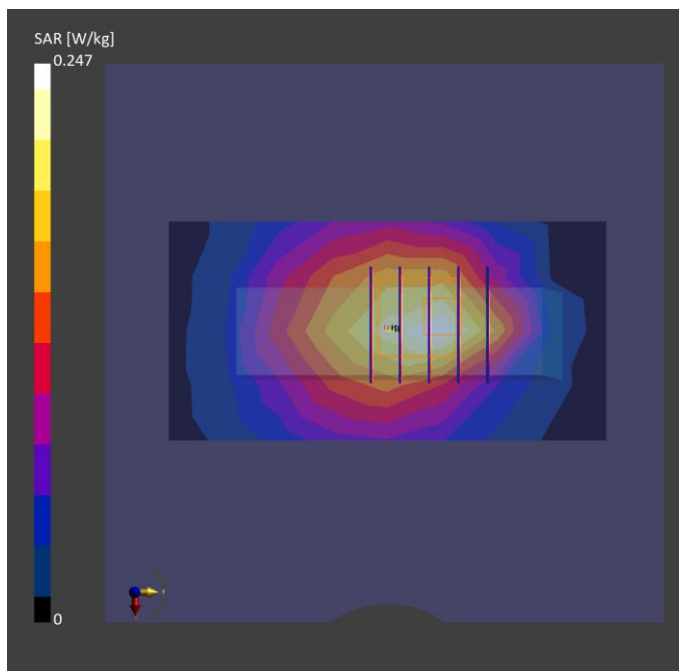
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.218	0.229
psSAR-10g [W/kg]	0.143	0.145
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.6
Dist 3dB Peak [mm]		12.9



Test Date : 2023-10-27 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

25_LTE Band 13_QPSK10M_Bottom Side_10mm_Ch23230_1RB_Offset0_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 13	LTE-FDD, 10175 - CAH	782.000, 23230	9.1	0.909	42.8

Hardware Setup

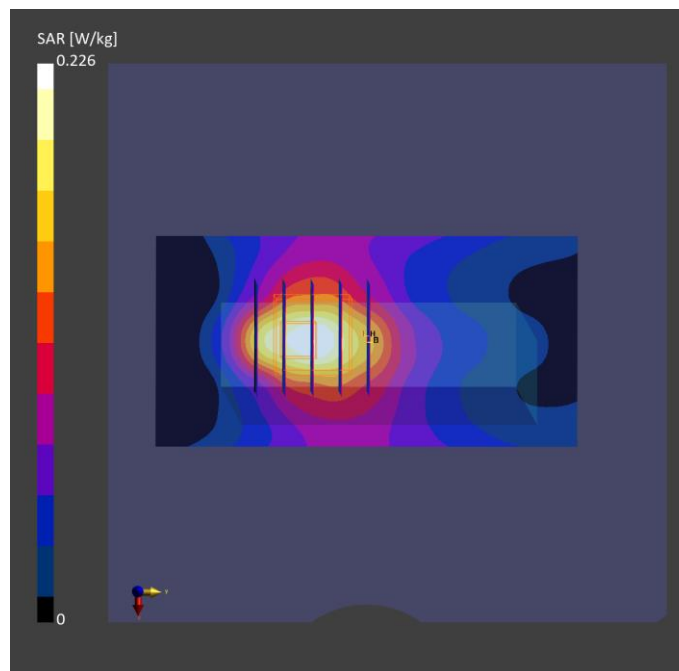
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.148	0.147
psSAR-10g [W/kg]	0.092	0.090
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.6
Dist 3dB Peak [mm]		12.2



Test Date : 2023-10-27 | Ambient Temp : 21.9 °C | Tissue Temp : 21.4 °C

Test Mode

26_LTE Band 13_QPSK10M_Left Side_10mm_Ch23230_1RB_Offset0_Ant 1

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300101	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 13	LTE-FDD, 10175 - CAH	782.000, 23230	10.63	0.921	44.1

Hardware Setup

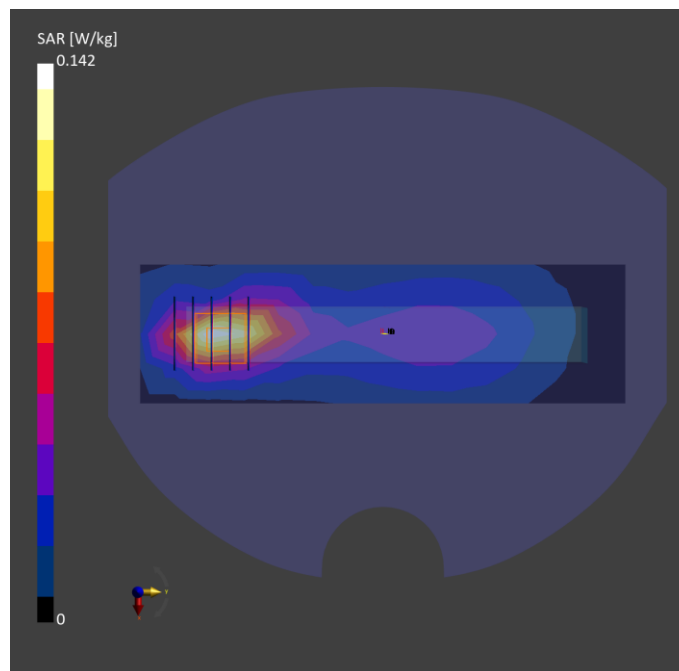
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.118	0.118
psSAR-10g [W/kg]	0.070	0.064
Power Drift [dB]		0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.4
Dist 3dB Peak [mm]		9.6



Test Date : 2023-10-27 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

27_LTE Band 14_QPSK10M_Bottom Side_10mm_Ch23330_1RB_Offset0_Ant 0

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
ECOM	Smart-Ex 03	XASB4HB3300066	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	Band 14	LTE-FDD, 10175 - CAH	793.000, 23330	10.63	0.924	44.1

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.126	0.113
psSAR-10g [W/kg]	0.076	0.072
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.4
Dist 3dB Peak [mm]		13.7

