

Appendix C - Highest Measurement Plots

Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

1_GSM850_GPRS12_Right Cheek_Ch251_Ant 0_w/o RCV

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
RightHead	GSM 850	GSM, 10028 - DAC	848.800, 251	9.67	0.957	43.5

Hardware Setup

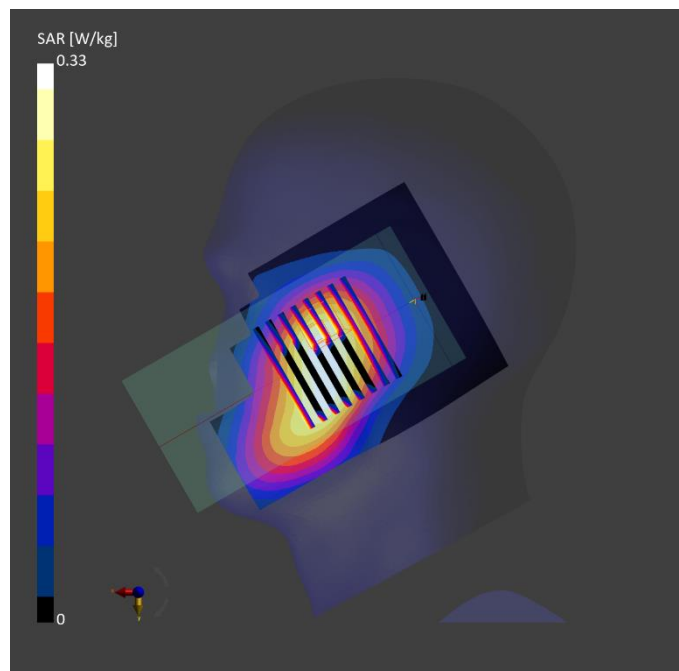
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.289	0.305
psSAR-10g [W/kg]	0.199	0.196
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		83.3
Dist 3dB Peak [mm]		6.4



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

2_GSM850_GPRS12_Left Cheek_Ch251_Ant 1_w/o RCV

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
LeftHead	GSM 850	GSM, 10028 - DAC	848.800, 251	9.67	0.957	43.5

Hardware Setup

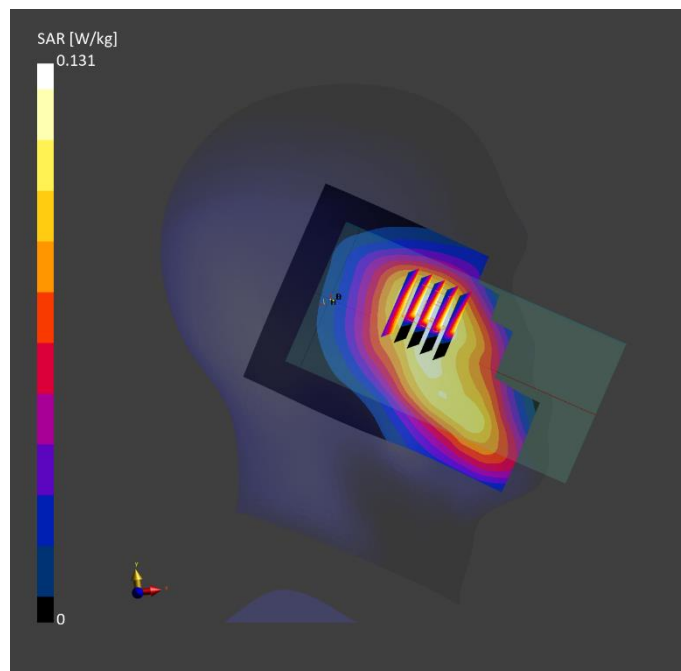
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.111	0.126
psSAR-10g [W/kg]	0.077	0.087
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		82.8
Dist 3dB Peak [mm]		6.4



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

3_GSM1900_GPRS10_Right Cheek_Ch810_Ant 0_w/o RCV

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
RightHead	PCS 1900	GSM, 10024 - DAC	1909.800, 810	8.25	1.46	41.4

Hardware Setup

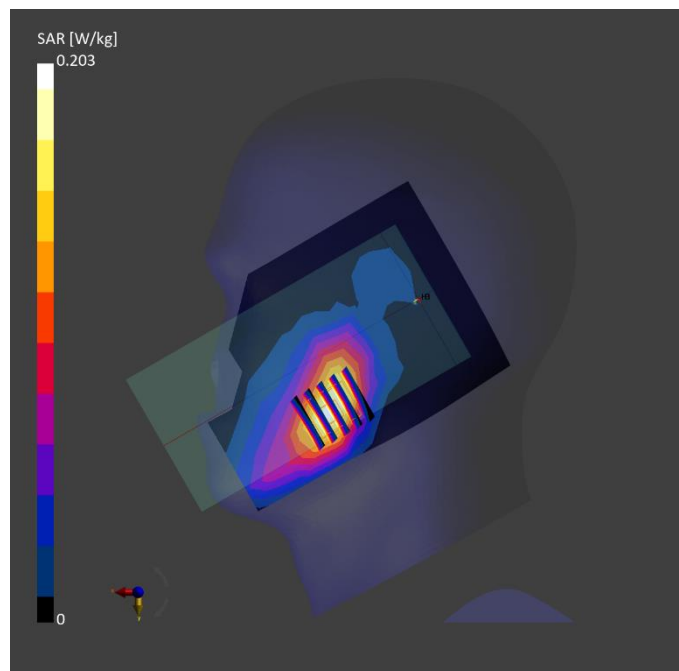
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.166	0.174
psSAR-10g [W/kg]	0.096	0.110
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.9
Dist 3dB Peak [mm]		13.5



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

4_GSM1900_GPRS10_Left Cheek_Ch512_Ant 1_w/o RCV

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
LeftHead	PCS 1900	GSM, 10024 - DAC	1850.200, 512	8.25	1.42	41.5

Hardware Setup

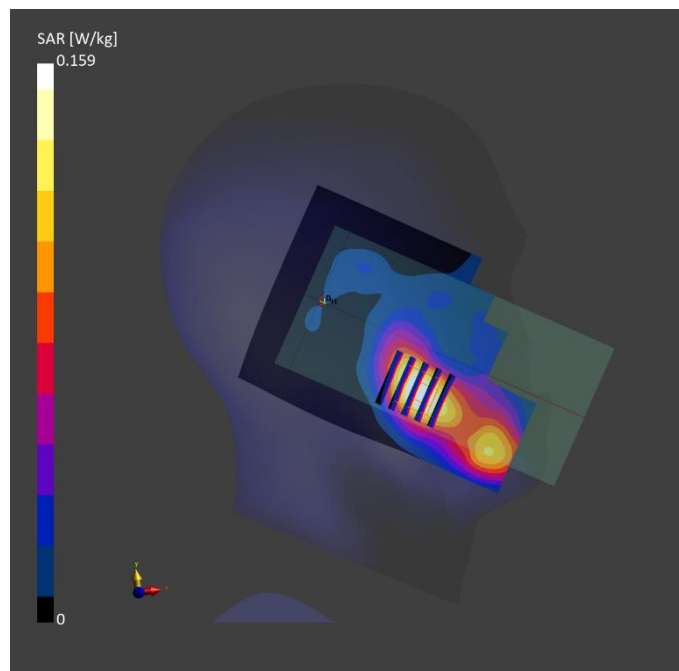
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.102	0.114
psSAR-10g [W/kg]	0.060	0.070
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.4
Dist 3dB Peak [mm]		12.9



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

5_GSM1900_GPRS12_Left Cheek_Ch810_Ant 2_w/o RCV

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
LeftHead	PCS 1900	GSM, 10028 - DAC	1909.800, 810	8.25	1.46	41.4

Hardware Setup

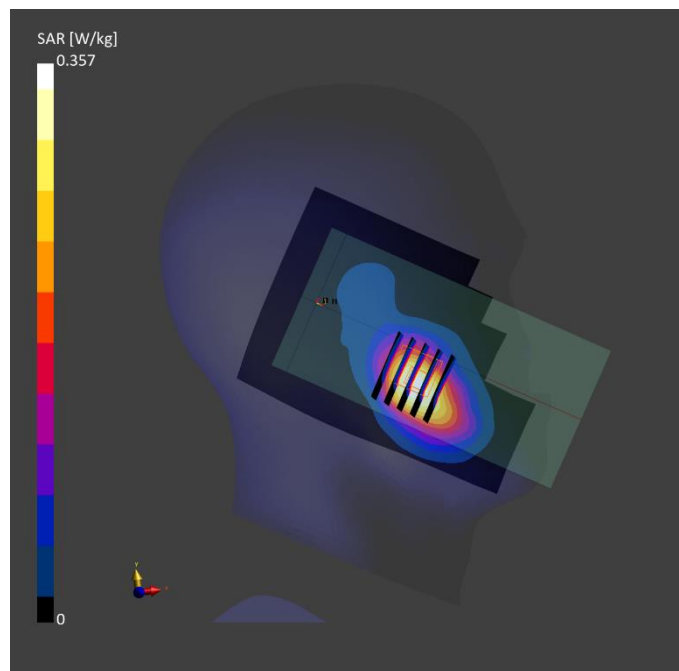
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.237	0.277
psSAR-10g [W/kg]	0.138	0.149
Power Drift [dB]		0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.3
Dist 3dB Peak [mm]		6.4



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

6_GSM1900_GPRS10_Right Cheek_Ch661_Ant 3_w/o RCV

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
RightHead	PCS 1900	GSM, 10024 - DAC	1880.000, 661	8.25	1.44	41.4

Hardware Setup

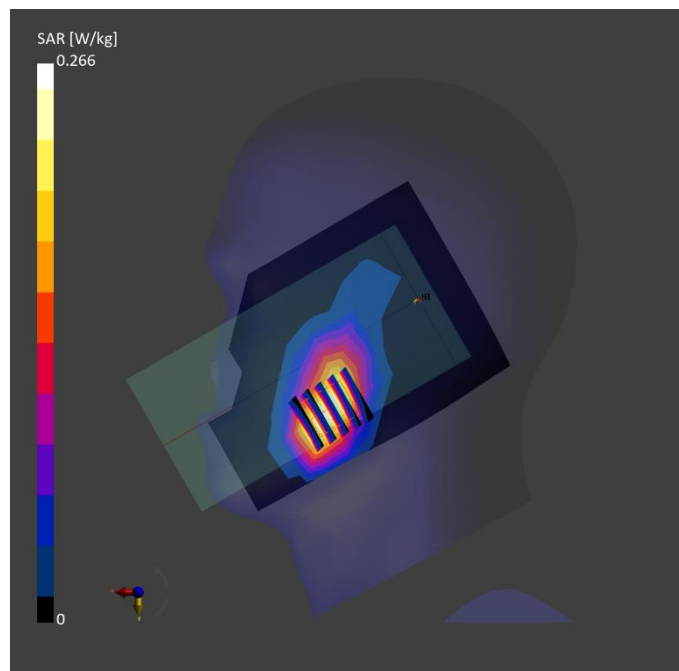
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.216	0.222
psSAR-10g [W/kg]	0.125	0.138
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		78.8
Dist 3dB Peak [mm]		12.4



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

7_WCDMA Band II_RMC12.2K_Right Cheek_Ch9262_Ant 0_w/o RCV

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
RightHead	Band 2	WCDMA, 10457 - AAB	1852.400, 9262	8.25	1.43	41.5

Hardware Setup

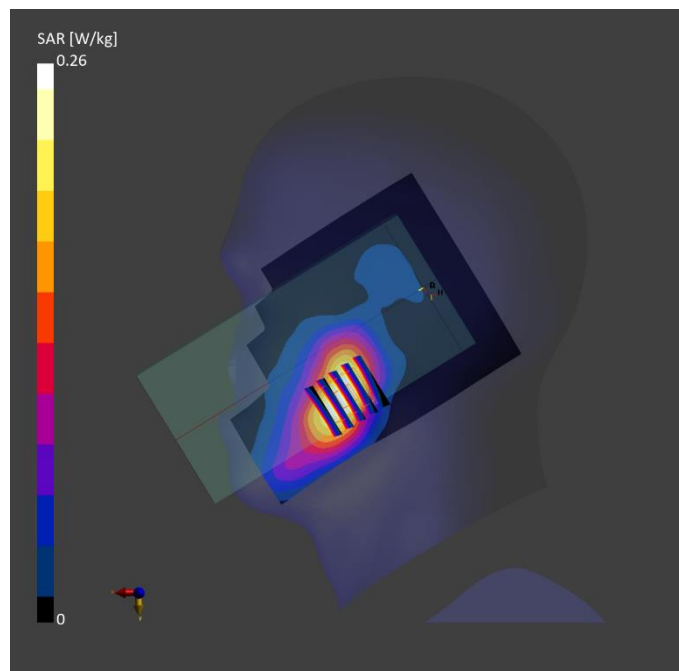
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.192	0.203
psSAR-10g [W/kg]	0.113	0.131
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.7
Dist 3dB Peak [mm]		14.9



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

8_WCDMA Band II_RMC12.2K_Left Cheek_Ch9400_Ant 1_w/o RCV

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
LeftHead	Band 2	WCDMA, 10457 - AAB	1880.000, 9400	8.25	1.44	41.4

Hardware Setup

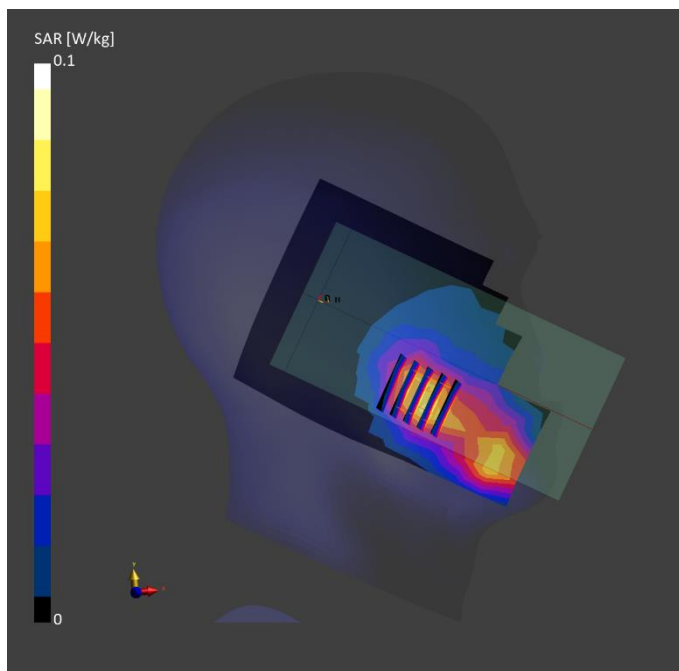
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.069	0.072
psSAR-10g [W/kg]	0.040	0.045
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.0
Dist 3dB Peak [mm]		15.2



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

9_WCDMA Band II_RMC12.2K_Left Cheek_Ch9262_Ant 2_w/o RCV

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
LeftHead	Band 2	WCDMA, 10457 - AAB	1852.400, 9262	8.25	1.43	41.5

Hardware Setup

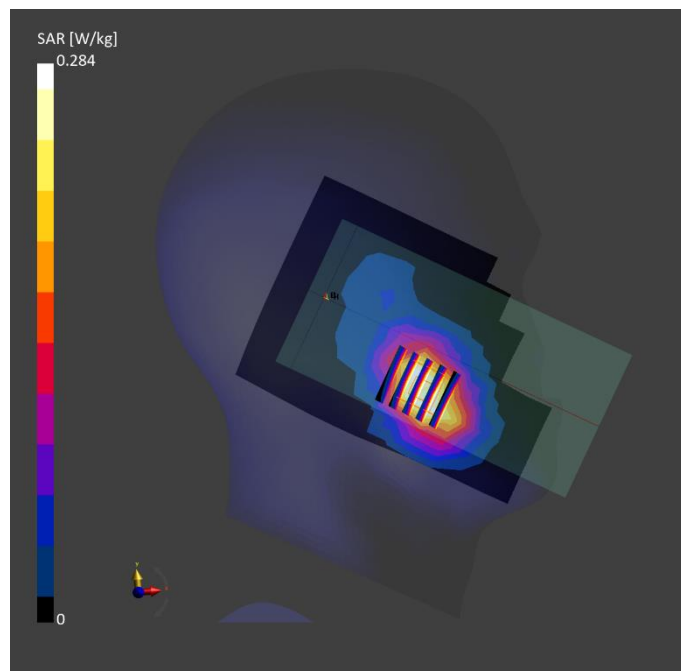
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.255	0.279
psSAR-10g [W/kg]	0.150	0.172
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.4
Dist 3dB Peak [mm]		14.1



Test Date : 2023-10-31 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

10_WCDMA Band II_RMC12.2K_Right Cheek_Ch9400_Ant 3_w/o RCV

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
RightHead	Band 2	WCDMA, 10457 - AAB	1880.000, 9400	8.25	1.44	41.4

Hardware Setup

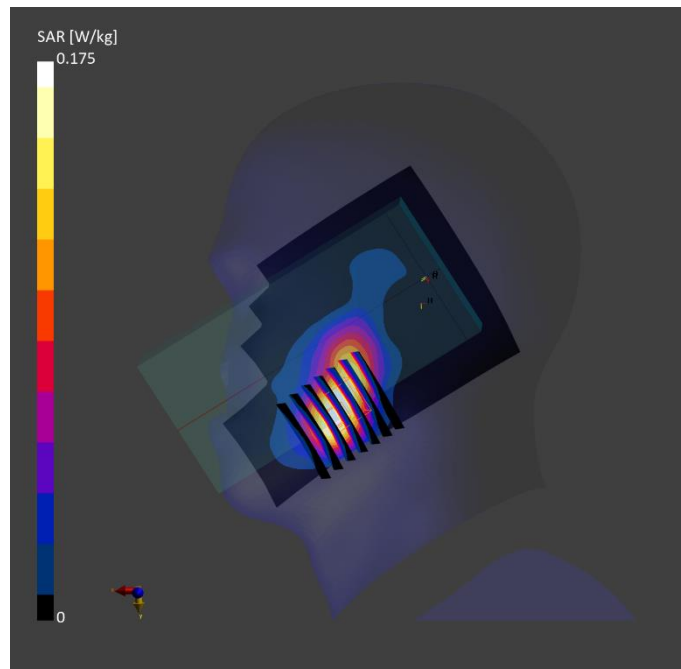
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.117	0.126
psSAR-10g [W/kg]	0.068	0.075
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.4
Dist 3dB Peak [mm]		12.7



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

11_WCDMA Band IV_RMC12.2K_Right Cheek_Ch1513_Ant 0_w/o RCV

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
RightHead	Band 4	WCDMA, 10457 - AAB	1752.600, 1513	8.68	1.37	42.7

Hardware Setup

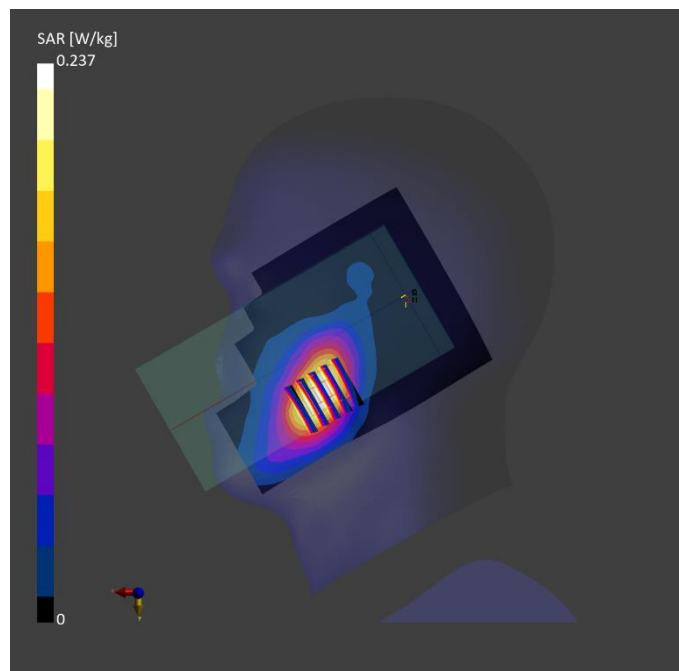
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.223	0.238
psSAR-10g [W/kg]	0.131	0.151
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		14.5



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

12_WCDMA Band IV_RMC12.2K_Left Cheek_Ch1513_Ant 1_w/o RCV

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
LeftHead	Band 4	WCDMA, 10457 - AAB	1752.600, 1513	8.68	1.37	42.7

Hardware Setup

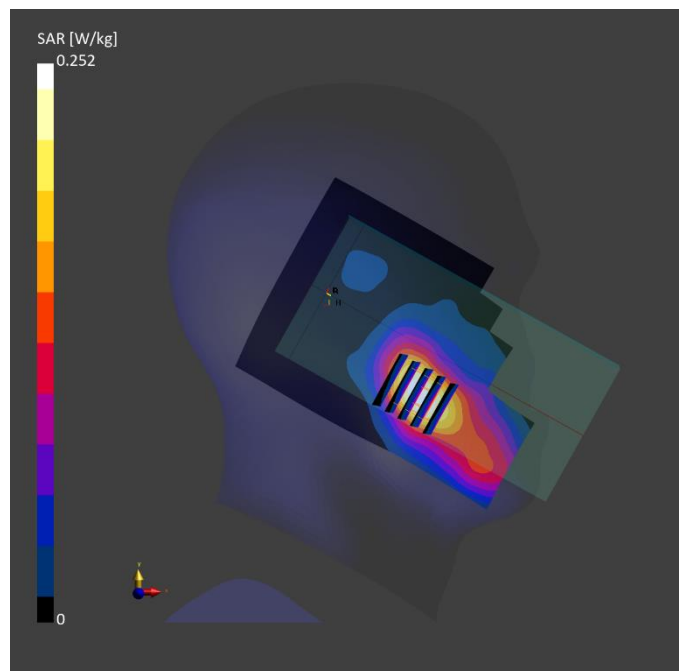
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.091	0.097
psSAR-10g [W/kg]	0.054	0.062
Power Drift [dB]		0.15
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.2
Dist 3dB Peak [mm]		16.2



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

13_WCDMA Band IV_RMC12.2K_Left Cheek_Ch1513_Ant 2_w/o RCV

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
LeftHead	Band 4	WCDMA, 10457 - AAB	1752.600, 1513	8.68	1.37	42.7

Hardware Setup

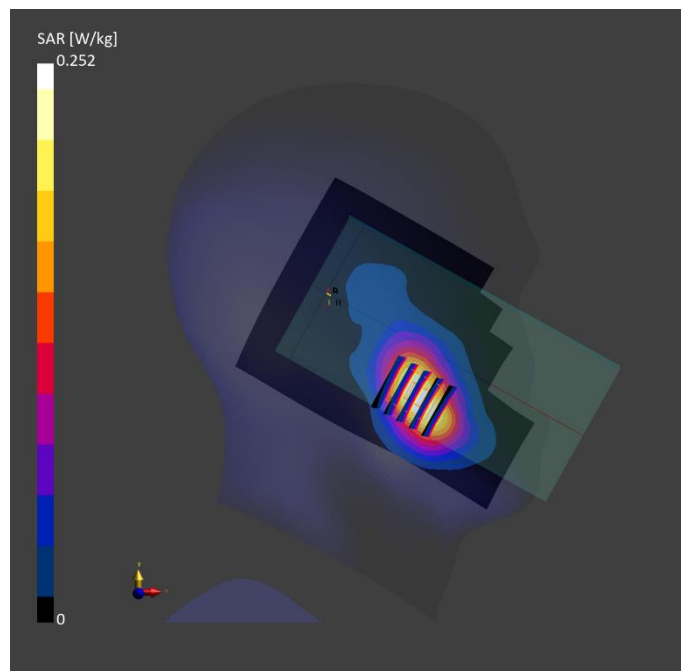
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.179	0.191
psSAR-10g [W/kg]	0.105	0.119
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.3
Dist 3dB Peak [mm]		14.1



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

14_WCDMA Band IV_RMC12.2K_Right Cheek_Ch1513_Ant 3_w/o RCV

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
RightHead	Band 4	WCDMA, 10457 - AAB	1752.600, 1513	8.68	1.37	42.7

Hardware Setup

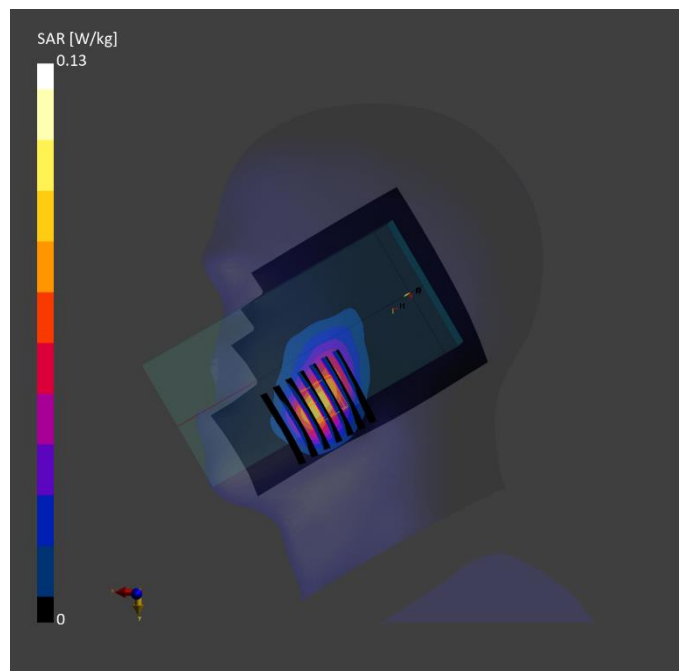
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.096	0.097
psSAR-10g [W/kg]	0.056	0.059
Power Drift [dB]		-0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		58.6
Dist 3dB Peak [mm]		12.4



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

15_WCDMA Band V_RMC12.2K_Right Cheek_Ch4182_Ant 0_w/o RCV

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
RightHead	Band 5	WCDMA, 10457 - AAB	836.400, 4182	9.67	0.953	43.5

Hardware Setup

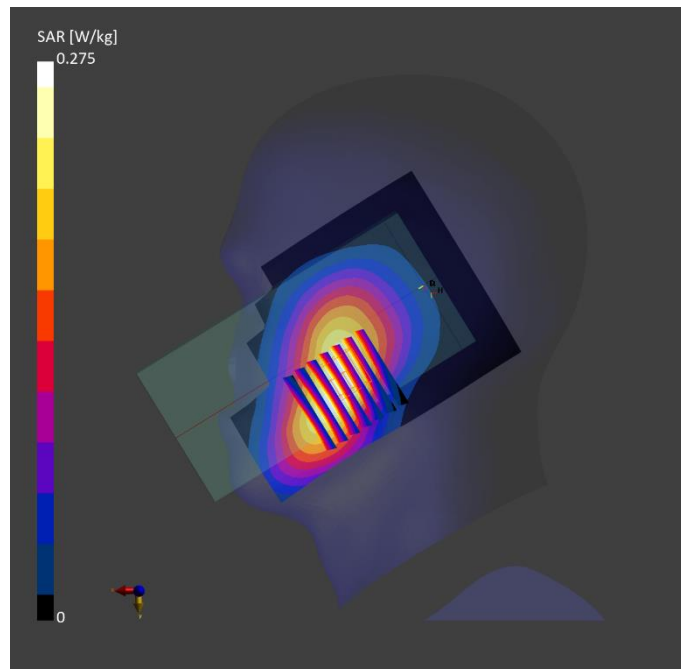
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.219	0.229
psSAR-10g [W/kg]	0.149	0.170
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.5
Dist 3dB Peak [mm]		17.6



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

16_WCDMA Band V_RMC12.2K_Left Cheek_Ch4132_Ant 1_w/o RCV

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
LeftHead	Band 5	WCDMA, 10457 - AAB	826.400, 4132	9.67	0.949	43.5

Hardware Setup

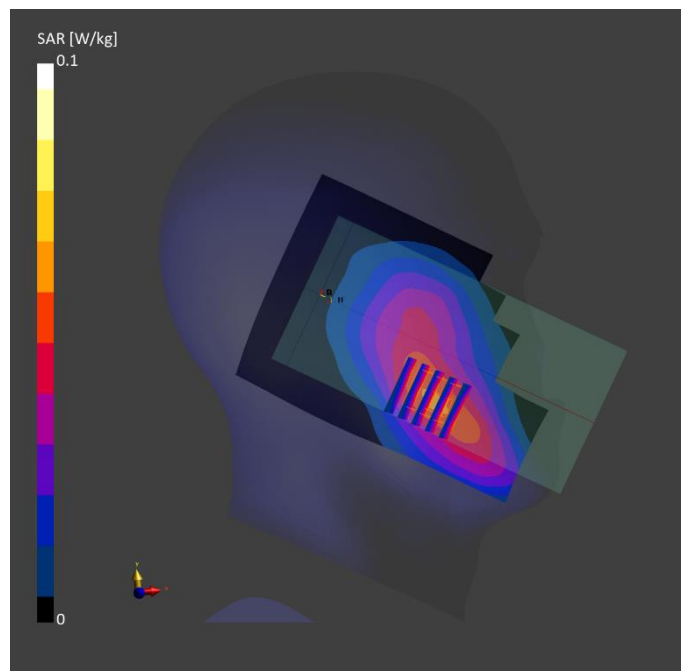
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.052	0.054
psSAR-10g [W/kg]	0.035	0.040
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.8
Dist 3dB Peak [mm]		15.4



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

25_LTE Band 5_QPSK10M_Right Cheek_Ch20525_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 5	LTE-FDD, 10175 - CAH	836.500, 20525	9.67	0.953	43.5

Hardware Setup

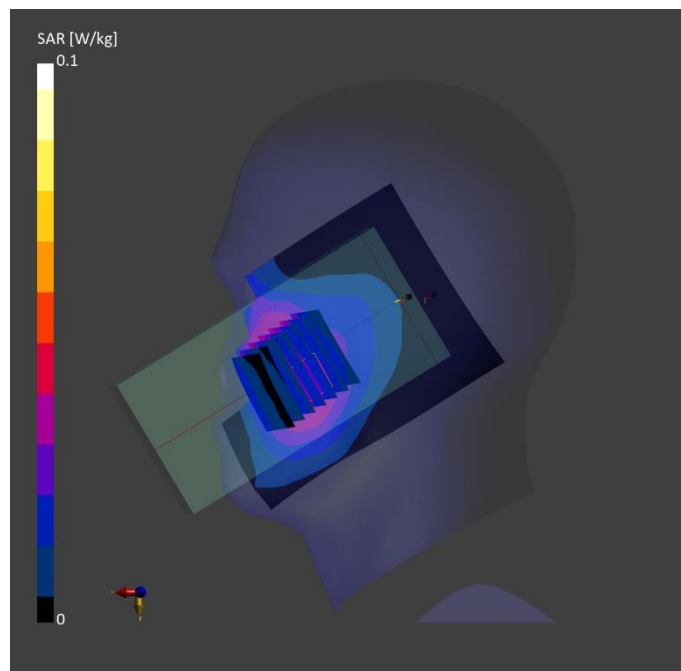
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.041	0.044
psSAR-10g [W/kg]	0.029	0.035
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		80.5
Dist 3dB Peak [mm]		28.0



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

26_LTE Band 5_QPSK10M_Left Cheek_Ch20600_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 5	LTE-FDD, 10175 - CAH	844.000, 20600	9.67	0.956	43.5

Hardware Setup

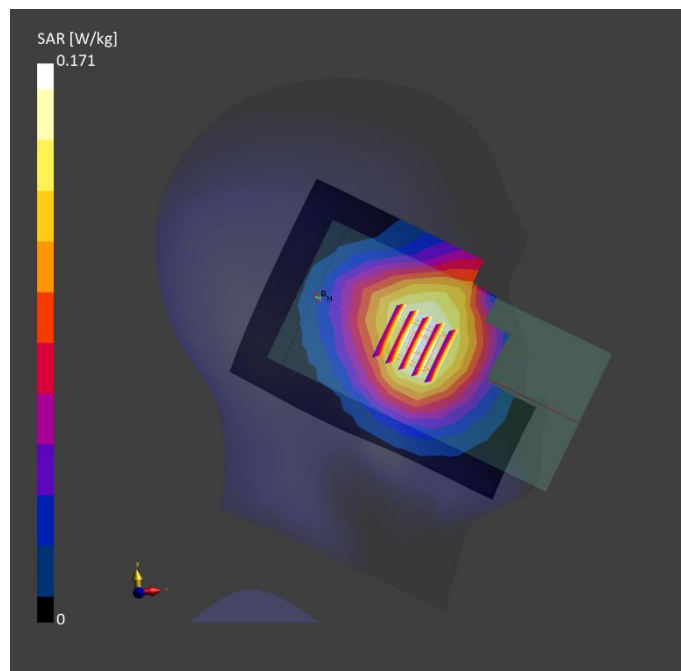
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.152	0.163
psSAR-10g [W/kg]	0.106	0.130
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		81.6
Dist 3dB Peak [mm]		15.0



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

27_LTE Band 7_QPSK20M_Right Cheek_Ch21100_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.86	40.9

Hardware Setup

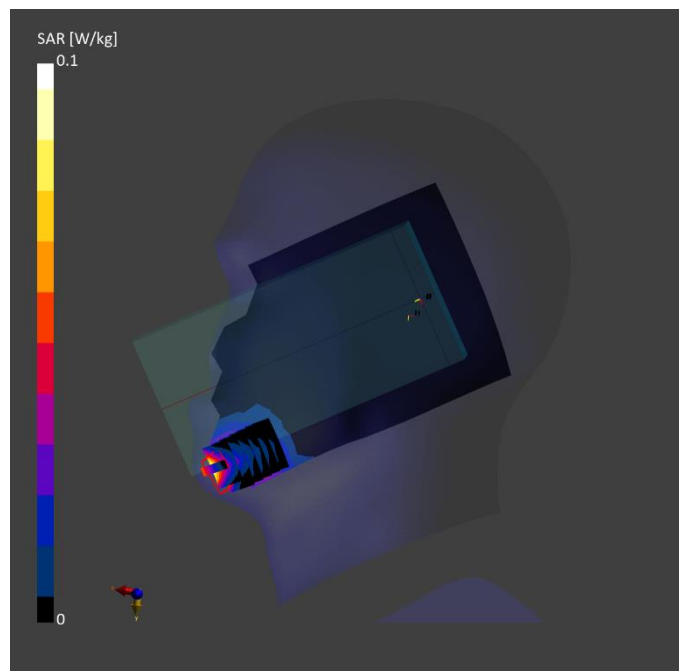
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.086	0.087
psSAR-10g [W/kg]	0.042	0.049
Power Drift [dB]		-0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.0
Dist 3dB Peak [mm]		10.2



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

28_LTE Band 7_QPSK20M_Left Cheek_Ch21100_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.86	40.9

Hardware Setup

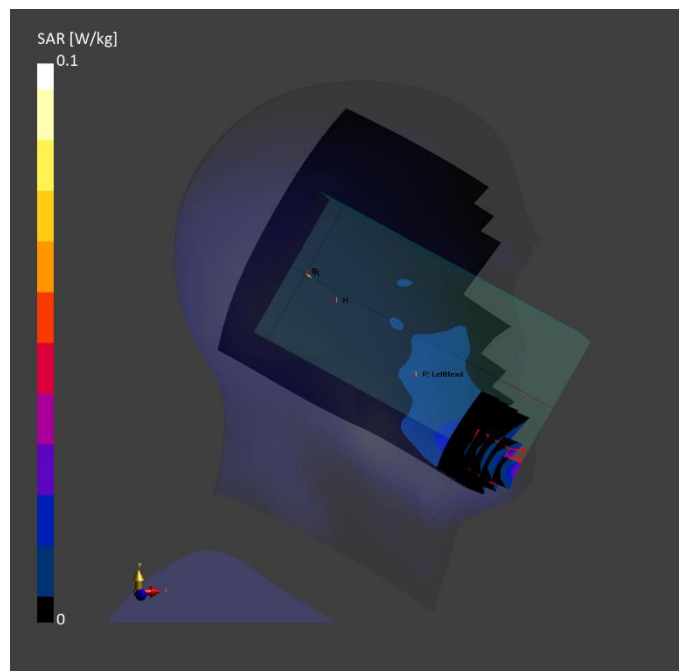
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.035	0.033
psSAR-10g [W/kg]	0.017	0.020
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.4
Dist 3dB Peak [mm]		9.7



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

29_LTE Band 7_QPSK20M_Left Cheek_Ch21100_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.86	40.9

Hardware Setup

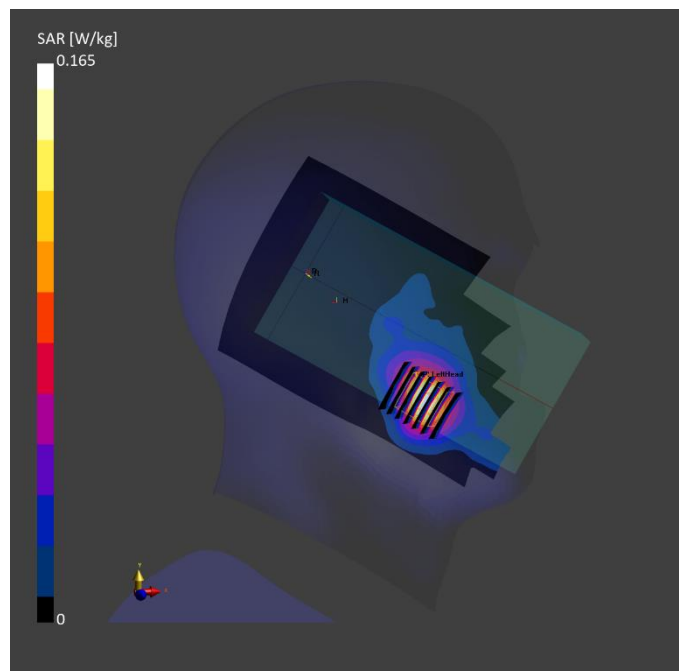
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.107	0.112
psSAR-10g [W/kg]	0.053	0.054
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		11.4



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

30_LTE Band 7_QPSK20M_Right Cheek_Ch21100_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 7	LTE-FDD, 10169 - CAF	2535.000, 21100	7.36	1.86	40.9

Hardware Setup

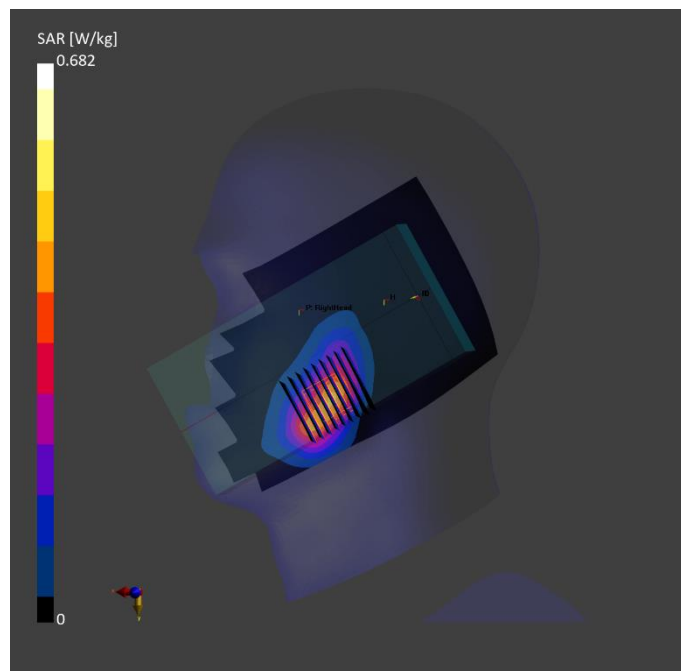
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.449	0.479
psSAR-10g [W/kg]	0.240	0.259
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.2
Dist 3dB Peak [mm]		11.1



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

31_LTE Band 12_QPSK10M_Right Cheek_Ch23060_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 12	LTE-FDD, 10175 - CAH	704.000, 23060	9.81	0.879	44.7

Hardware Setup

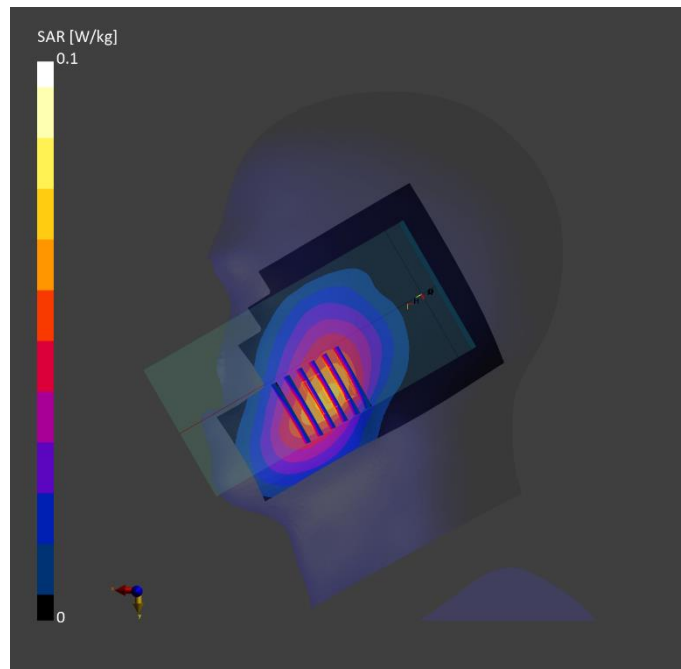
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.063	0.065
psSAR-10g [W/kg]	0.043	0.048
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		73.1
Dist 3dB Peak [mm]		14.0



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

32_LTE Band 12_QPSK10M_Left Cheek_Ch23060_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 12	LTE-FDD, 10175 - CAH	704.000, 23060	9.81	0.879	44.7

Hardware Setup

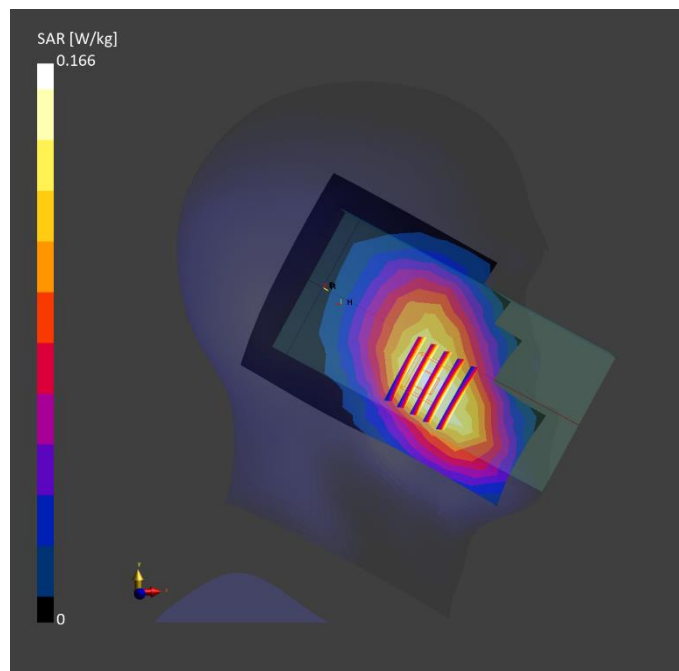
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.151	0.158
psSAR-10g [W/kg]	0.104	0.118
Power Drift [dB]		-0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		73.8
Dist 3dB Peak [mm]		17.5



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

33_LTE Band 13_QPSK10M_Right Cheek_Ch23230_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 13	LTE-FDD, 10175 - CAH	782.000, 23230	9.81	0.906	44.5

Hardware Setup

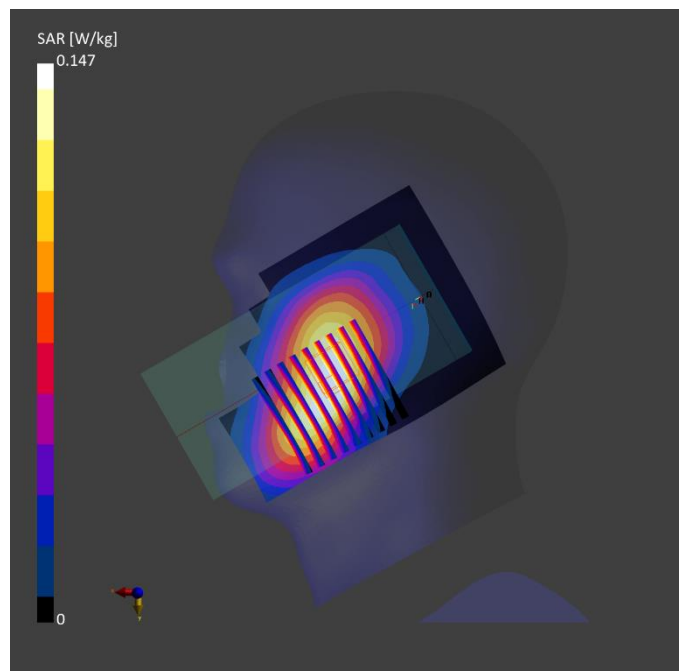
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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	0.123
psSAR-10g [W/kg]	0.082	0.094
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		73.5
Dist 3dB Peak [mm]		16.1



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

34_LTE Band 13_QPSK10M_Left Cheek_Ch23230_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 13	LTE-FDD, 10175 - CAH	782.000, 23230	9.81	0.906	44.5

Hardware Setup

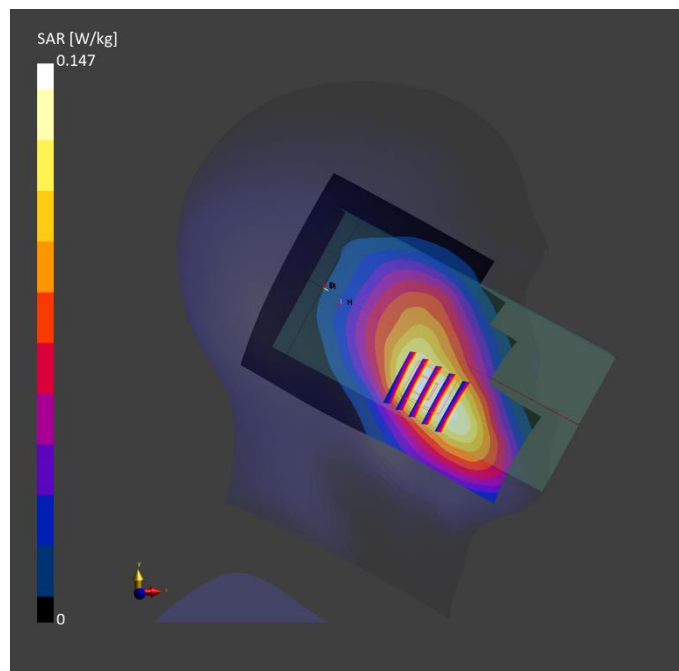
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.114	0.119
psSAR-10g [W/kg]	0.079	0.088
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.0
Dist 3dB Peak [mm]		17.5



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

35_LTE Band 14_QPSK10M_Right Cheek_Ch23330_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 14	LTE-FDD, 10175 - CAH	793.000, 23330	9.81	0.910	44.4

Hardware Setup

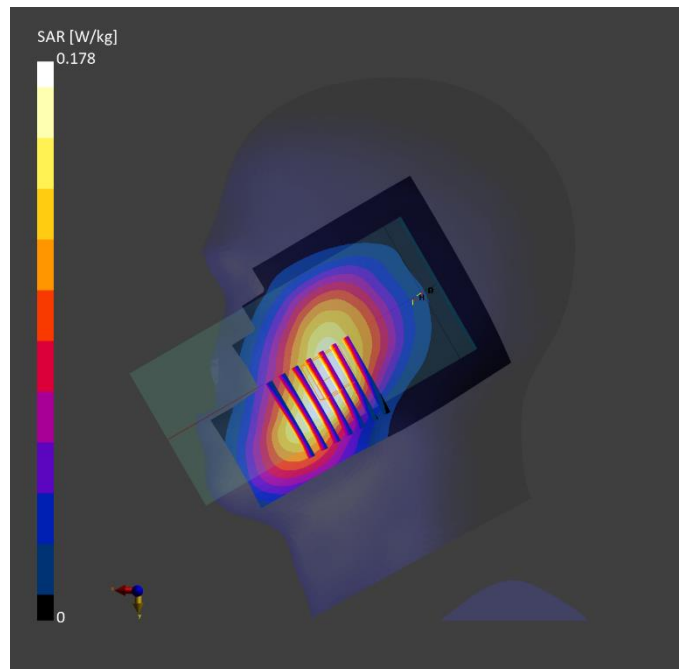
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.141	0.148
psSAR-10g [W/kg]	0.097	0.111
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.8
Dist 3dB Peak [mm]		15.5



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

36_LTE Band 14_QPSK10M_Left Cheek_Ch23330_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 14	LTE-FDD, 10175 - CAH	793.000, 23330	9.81	0.910	44.4

Hardware Setup

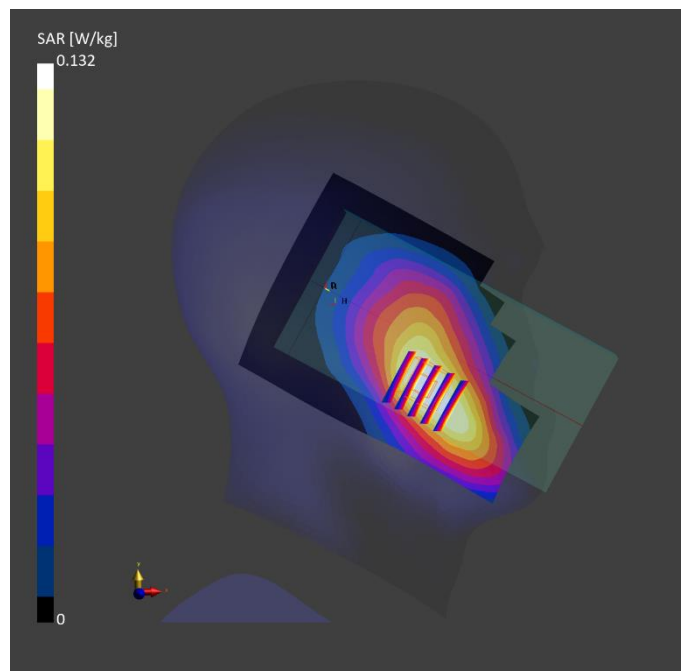
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.101	0.107
psSAR-10g [W/kg]	0.069	0.079
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.1
Dist 3dB Peak [mm]		17.5



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

37_LTE Band 25_QPSK20M_Right Cheek_Ch26365_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 25	LTE-FDD, 10169 - CAF	1882.500, 26365	7.7	1.46	42.0

Hardware Setup

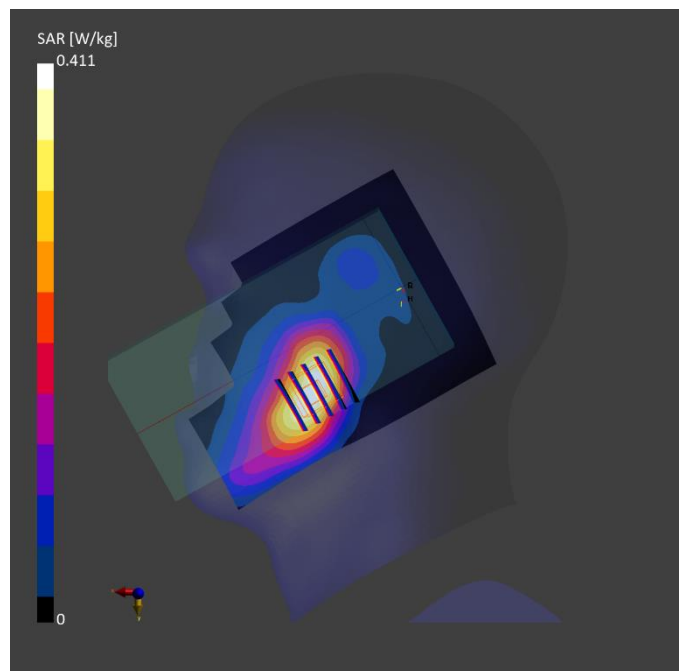
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.316	0.330
psSAR-10g [W/kg]	0.188	0.218
Power Drift [dB]		0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.5
Dist 3dB Peak [mm]		14.2



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

38_LTE Band 25_QPSK20M_Left Cheek_Ch26140_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 25	LTE-FDD, 10169 - CAF	1860.000, 26140	7.7	1.45	42.0

Hardware Setup

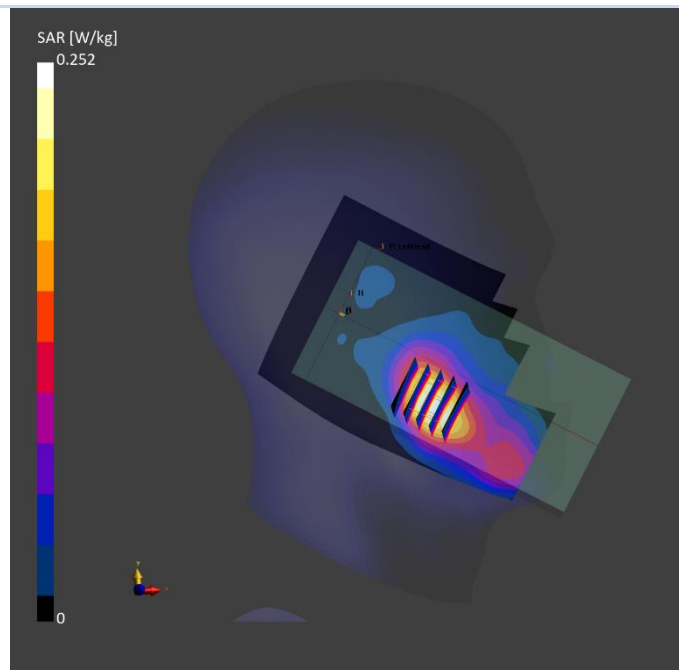
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.180	0.193
psSAR-10g [W/kg]	0.106	0.122
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.1
Dist 3dB Peak [mm]		14.3



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

39_LTE Band 25_QPSK20M_Left Cheek_Ch26140_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 25	LTE-FDD, 10169 - CAF	1860.000, 26140	7.7	1.45	42.0

Hardware Setup

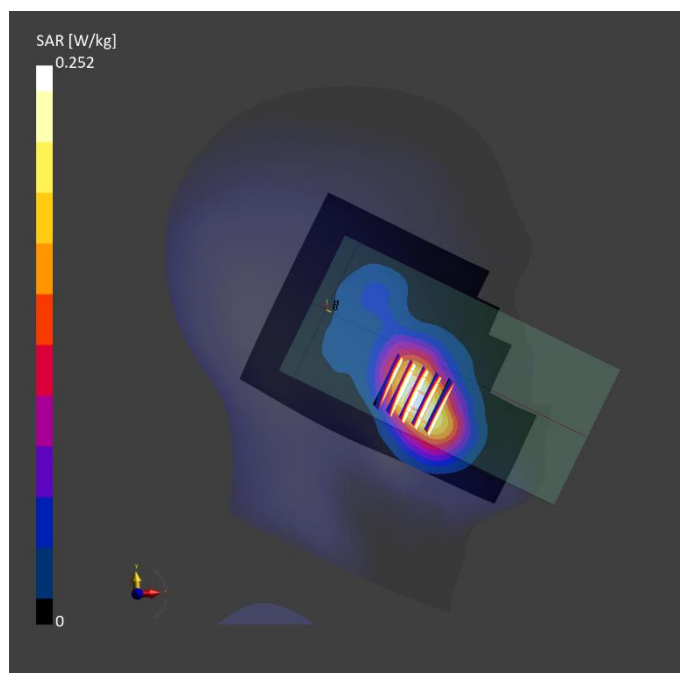
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.443	0.483
psSAR-10g [W/kg]	0.260	0.301
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.2
Dist 3dB Peak [mm]		12.7



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

40_LTE Band 25_QPSK20M_Right Cheek_Ch26140_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 25	LTE-FDD, 10169 - CAF	1860.000, 26140	7.7	1.45	42.0

Hardware Setup

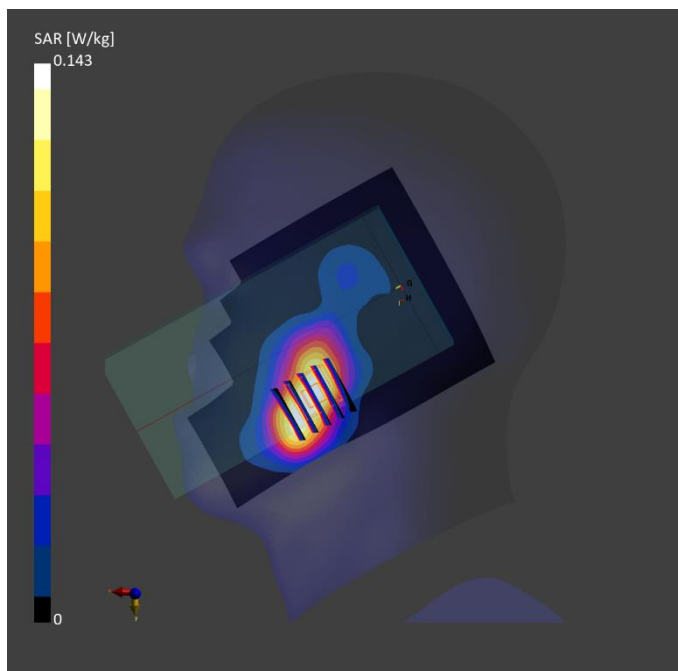
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.108	0.112
psSAR-10g [W/kg]	0.063	0.071
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.1
Dist 3dB Peak [mm]		10.4



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

41_LTE Band 26_QPSK15M_Right Cheek_Ch26865_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 26	LTE-FDD, 10181 - CAF	831.500, 26865	9.67	0.951	43.5

Hardware Setup

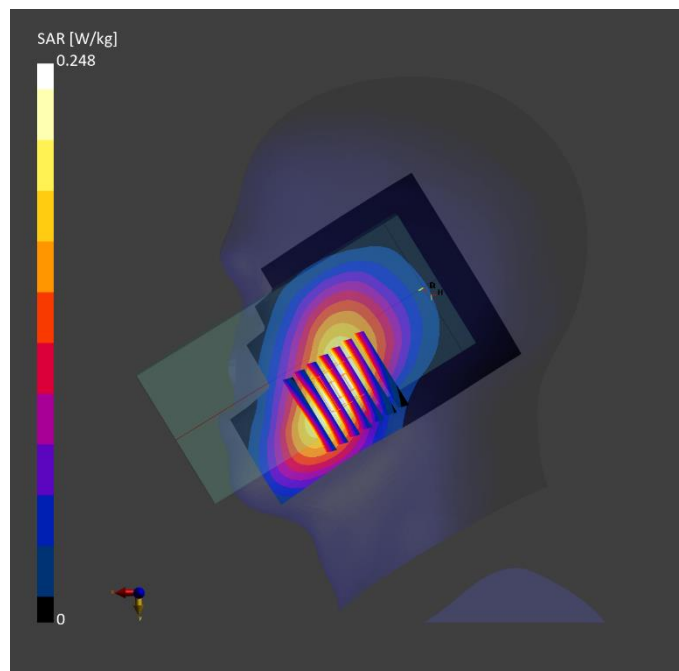
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.197	0.205
psSAR-10g [W/kg]	0.134	0.152
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.8
Dist 3dB Peak [mm]		17.8



Test Date : 2023-10-23 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

42_LTE Band 26_QPSK15M_Left Cheek_Ch26865_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 26	LTE-FDD, 10181 - CAF	831.500, 26865	9.67	0.951	43.5

Hardware Setup

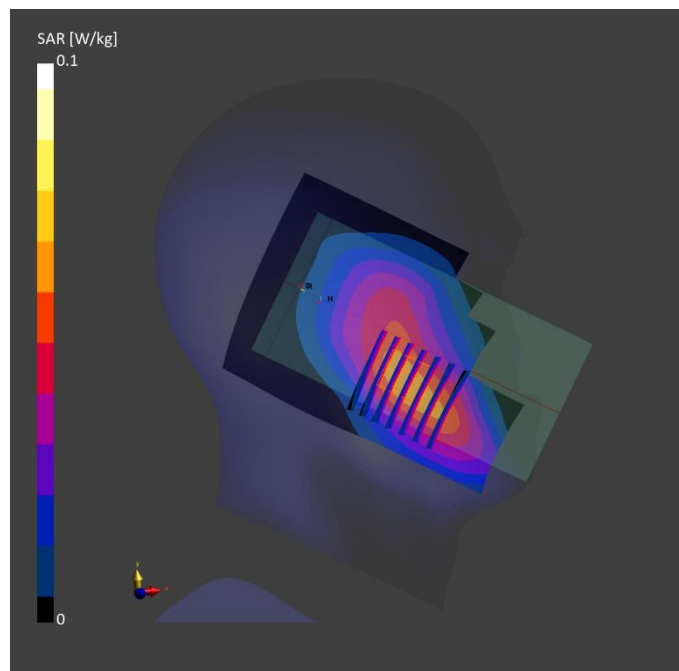
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.056	0.059
psSAR-10g [W/kg]	0.039	0.044
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.3
Dist 3dB Peak [mm]		17.3



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

43_LTE Band 30_QPSK10M_Right Cheek_Ch27710_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.32	1.74	41.6

Hardware Setup

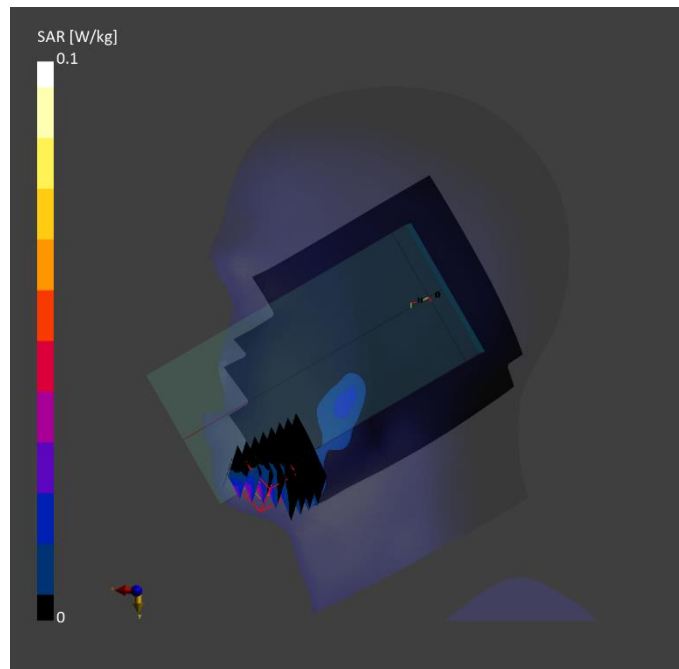
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.035	0.036
psSAR-10g [W/kg]	0.018	0.021
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.2
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

44_LTE Band 30_QPSK10M_Left Cheek_Ch27710_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.32	1.74	41.6

Hardware Setup

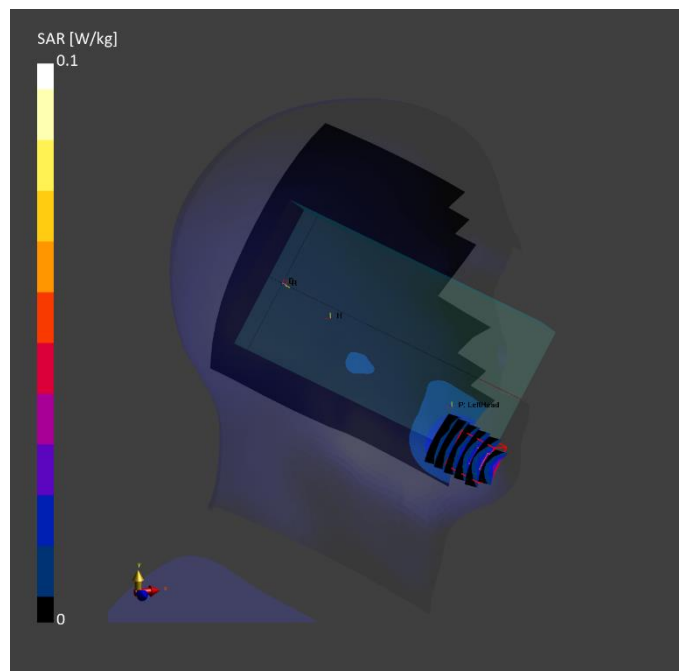
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.032	0.030
psSAR-10g [W/kg]	0.017	0.020
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.5
Dist 3dB Peak [mm]		12.3



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

45_LTE Band 30_QPSK10M_Left Cheek_Ch27710_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.32	1.74	41.6

Hardware Setup

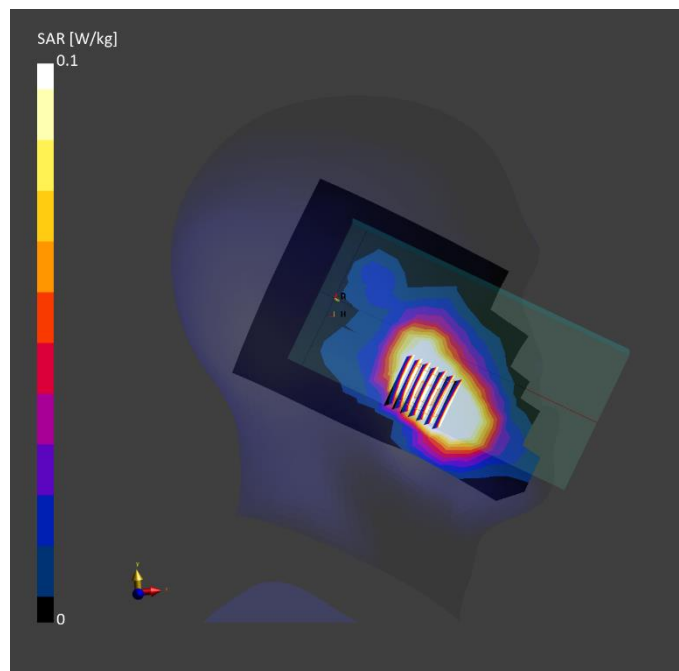
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.191	0.200
psSAR-10g [W/kg]	0.098	0.109
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.8
Dist 3dB Peak [mm]		9.4



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

46_LTE Band 30_QPSK10M_Right Cheek_Ch27710_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 30	LTE-FDD, 10175 - CAH	2310.000, 27710	7.32	1.74	41.6

Hardware Setup

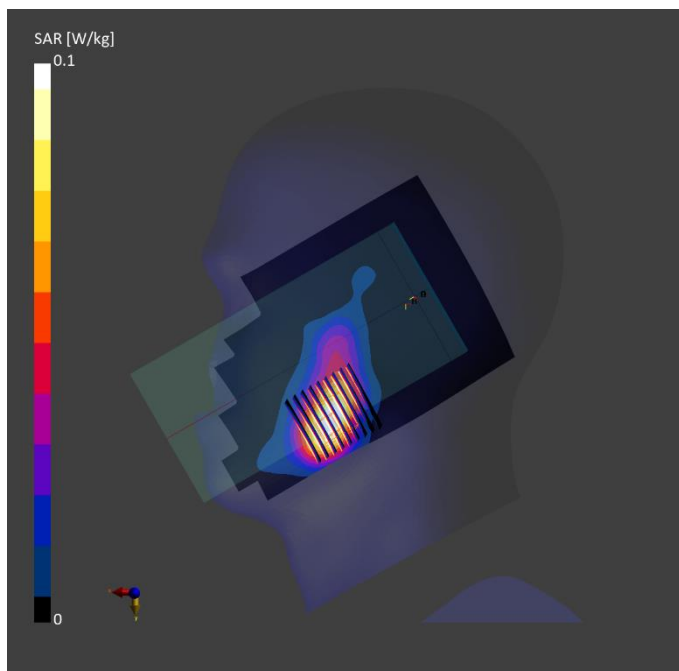
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.147	0.151
psSAR-10g [W/kg]	0.080	0.087
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.3
Dist 3dB Peak [mm]		11.4



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

47_LTE Band 38_QPSK20M_Right Cheek_Ch38000_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 38	LTE-TDD, 10172 - CAH	2595.000, 38000	7.36	1.91	40.8

Hardware Setup

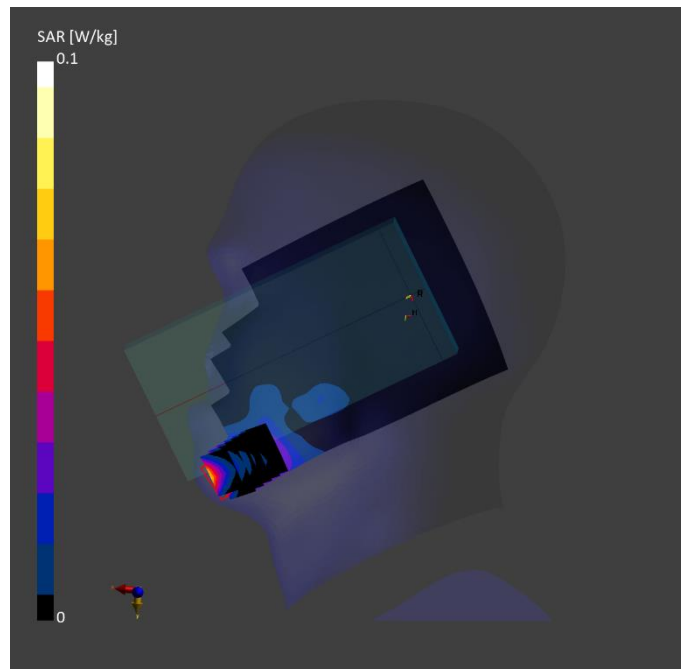
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.067	0.069
psSAR-10g [W/kg]	0.033	0.037
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		64.0
Dist 3dB Peak [mm]		9.8



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

48_LTE Band 38_QPSK20M_Left Cheek_Ch38000_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 38	LTE-TDD, 10172 - CAH	2595.000, 38000	7.36	1.91	40.8

Hardware Setup

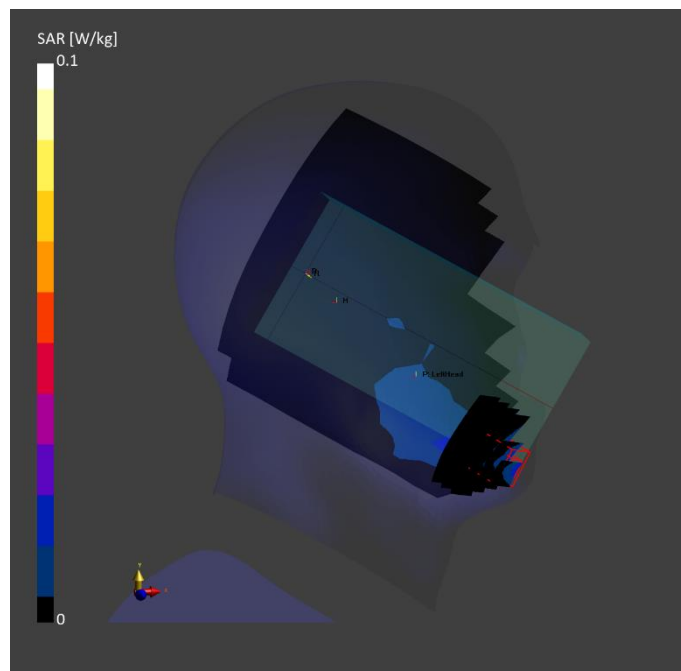
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.019	0.020
psSAR-10g [W/kg]	0.01	0.012
Power Drift [dB]		0.15
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.8
Dist 3dB Peak [mm]		10.8



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

49_LTE Band 38_QPSK20M_Left Cheek_Ch38000_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 38	LTE-TDD, 10172 - CAH	2595.000, 38000	7.36	1.91	40.8

Hardware Setup

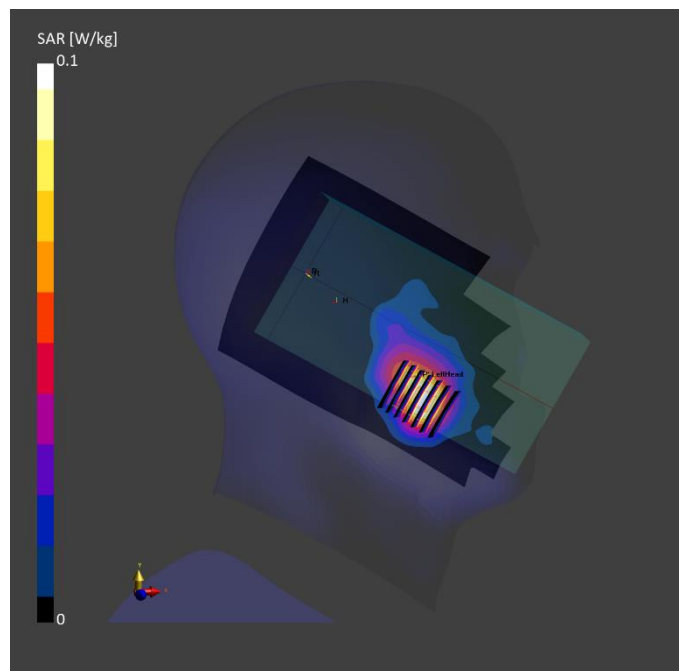
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.096	0.103
psSAR-10g [W/kg]	0.047	0.051
Power Drift [dB]		0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.4
Dist 3dB Peak [mm]		12.1



Test Date : 2023-10-26 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

50_LTE Band 38_QPSK20M_Right Cheek_Ch37850_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 38	LTE-TDD, 10172 - CAH	2580.000, 37850	7.36	1.90	40.8

Hardware Setup

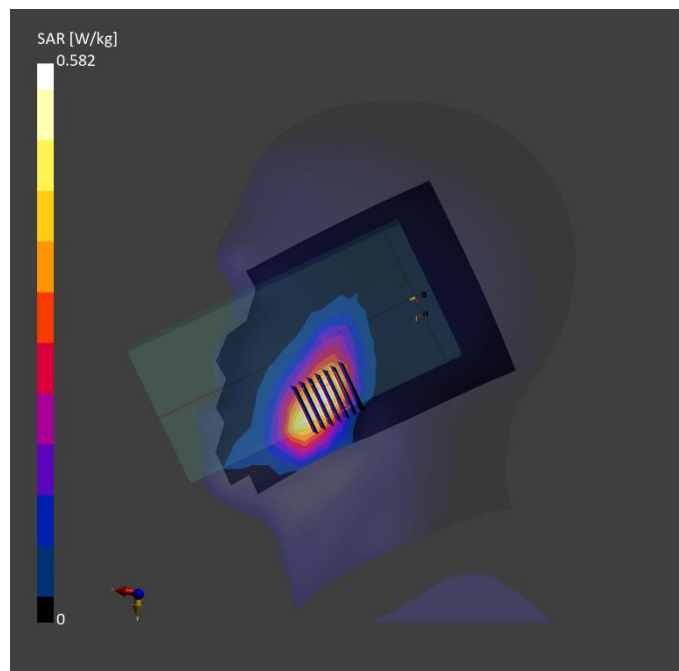
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.487	0.527
psSAR-10g [W/kg]	0.254	0.278
Power Drift [dB]		0.01
TSL Correction	PoEsitive only	Positive only
M2 / M1 [%]		56.4
Dist 3dB Peak [mm]		10.5



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

51_LTE Band 40_QPSK20M_Right Cheek_Ch38750_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 40	LTE-TDD, 10172 - CAH	2310.000, 38750	7.32	1.74	41.6

Hardware Setup

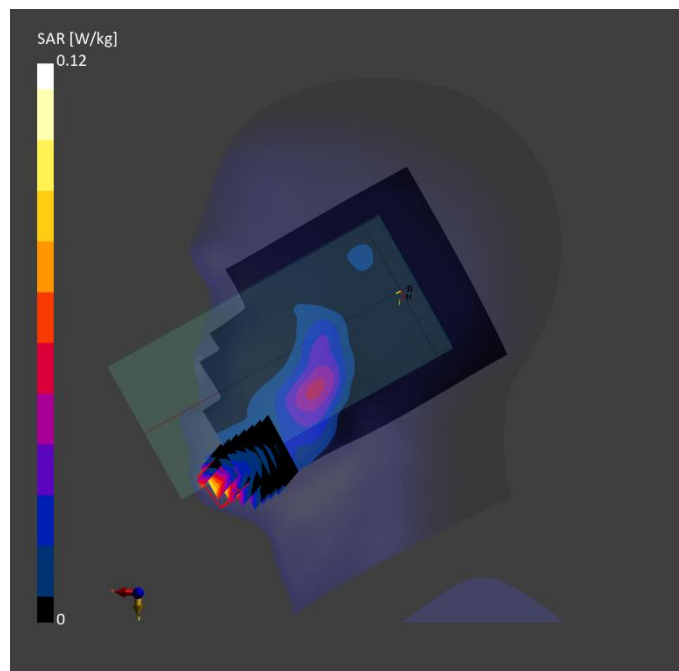
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.092	0.093
psSAR-10g [W/kg]	0.048	0.055
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.6
Dist 3dB Peak [mm]		11.9



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

52_LTE Band 40_QPSK20M_Left Cheek_Ch38750_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 40	LTE-TDD, 10172 - CAH	2310.000, 38750	7.32	1.74	41.6

Hardware Setup

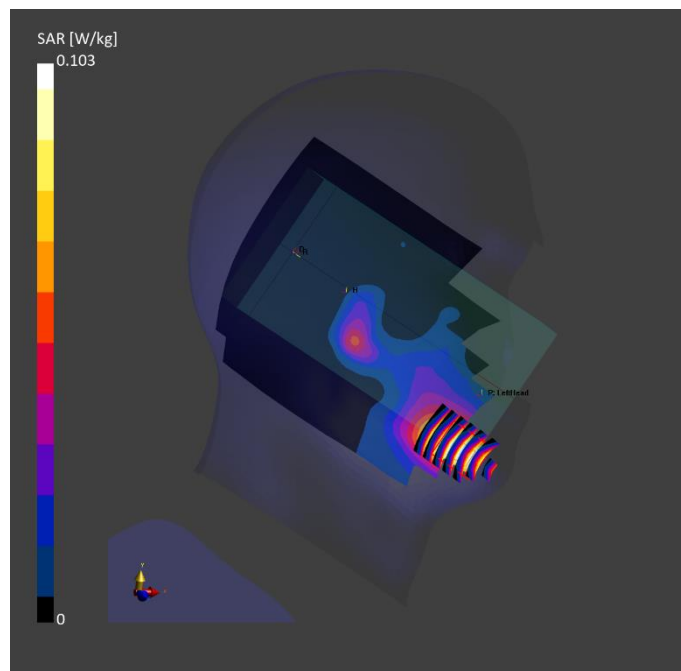
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.084	0.084
psSAR-10g [W/kg]	0.045	0.052
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.5
Dist 3dB Peak [mm]		14.8



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

53_LTE Band 40_QPSK20M_Left Cheek_Ch39150_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 40	LTE-TDD, 10172 - CAH	2350.000, 39150	7.32	1.78	41.6

Hardware Setup

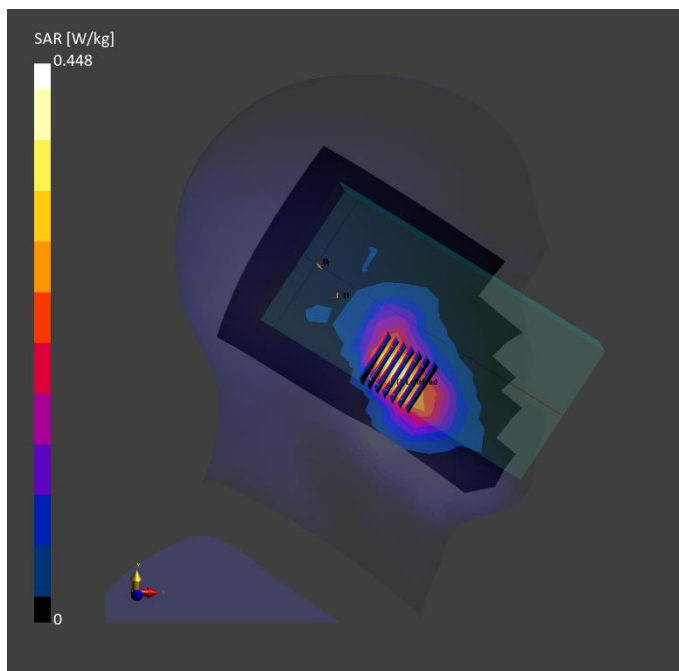
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.348	0.375
psSAR-10g [W/kg]	0.175	0.197
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		60.7
Dist 3dB Peak [mm]		8.5



Test Date : 2023-11-03 | Ambient Temp : 22.7 °C | Tissue Temp : 22.4 °C

Test Mode

54_LTE Band 40_QPSK20M_Right Cheek_Ch39150_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 40	LTE-TDD, 10172 - CAH	2350.000, 39150	7.32	1.78	41.6

Hardware Setup

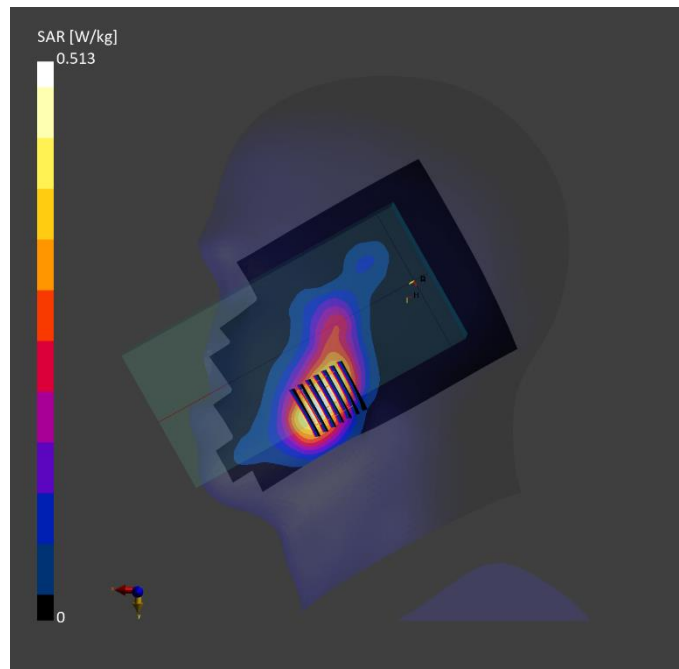
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.354	0.372
psSAR-10g [W/kg]	0.194	0.218
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.9
Dist 3dB Peak [mm]		11.1



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

55_LTE Band 41_QPSK20M_Right Cheek_Ch41055_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 41	LTE-TDD, 10172 - CAH	2636.500, 41055	7.36	1.96	40.6

Hardware Setup

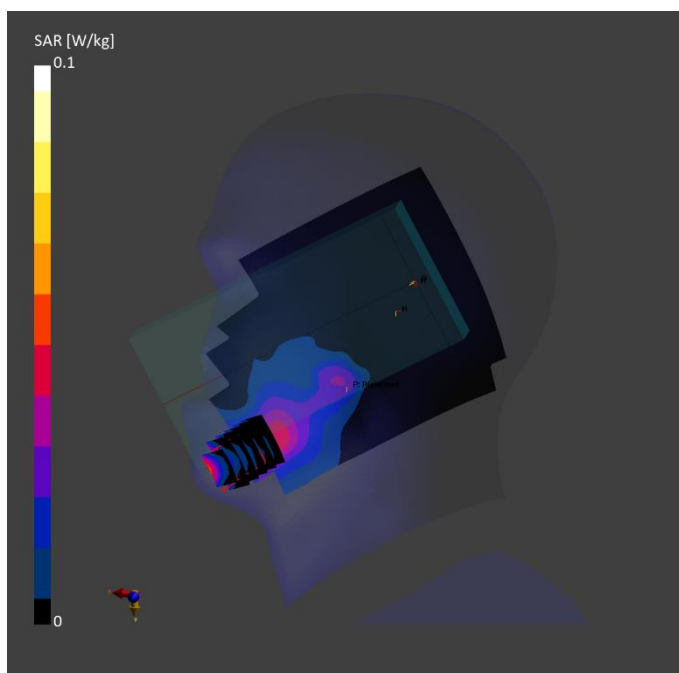
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.056	0.056
psSAR-10g [W/kg]	0.028	0.031
Power Drift [dB]		0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.4
Dist 3dB Peak [mm]		10.1



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

56_LTE Band 41_QPSK20M_Left Cheek_Ch40620_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 41	LTE-TDD, 10172 - CAH	2593.000, 40620	7.36	1.93	40.6

Hardware Setup

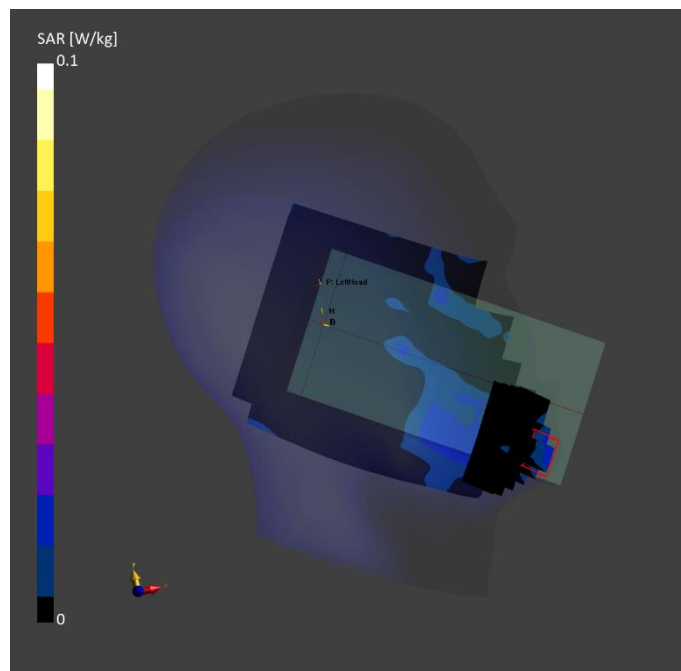
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.025	0.042
psSAR-10g [W/kg]	0.012	0.015
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.8
Dist 3dB Peak [mm]		5.4



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

57_LTE Band 41_QPSK20M_Left Cheek_Ch40185_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 41	LTE-TDD, 10172 - CAH	2549.500, 40185	7.36	1.90	40.7

Hardware Setup

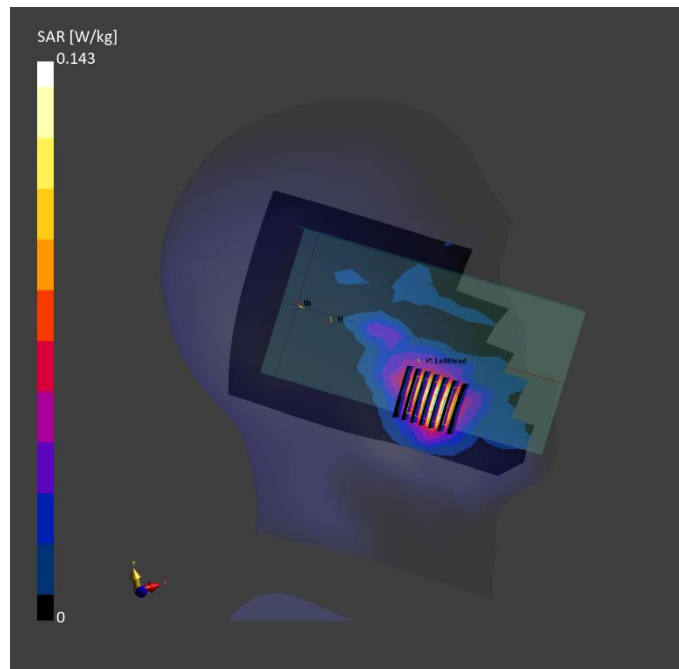
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.122	0.137
psSAR-10g [W/kg]	0.061	0.068
Power Drift [dB]		0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		10.3



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

58_LTE Band 41_QPSK20M_Right Cheek_Ch40620_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 41	LTE-TDD, 10172 - CAH	2593.000, 40620	7.36	1.93	40.6

Hardware Setup

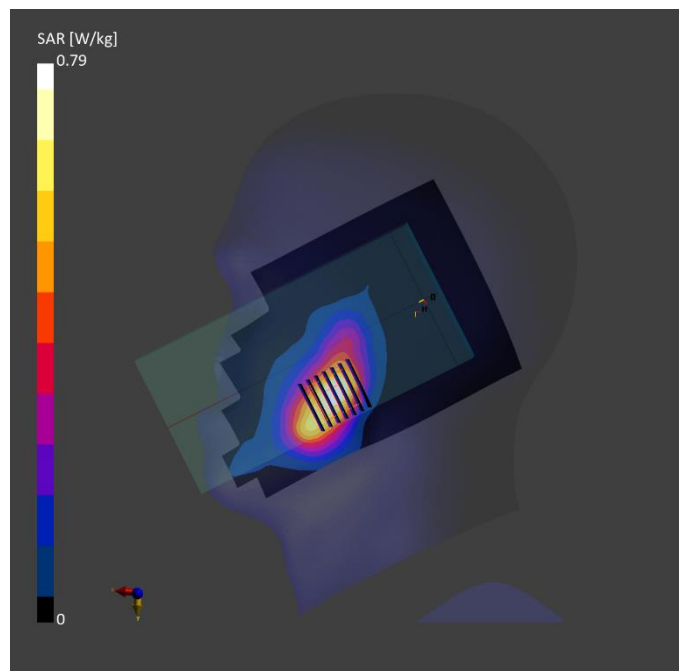
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.529	0.553
psSAR-10g [W/kg]	0.272	0.297
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.2
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-06 | Ambient Temp : 22.8 °C | Tissue Temp : 22.4 °C

Test Mode

59_LTE Band 42_QPSK20M_Left Cheek_Ch43490_1RB_Offset0_Ant 4_w RCV

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
LeftHead	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.73	38.7

Hardware Setup

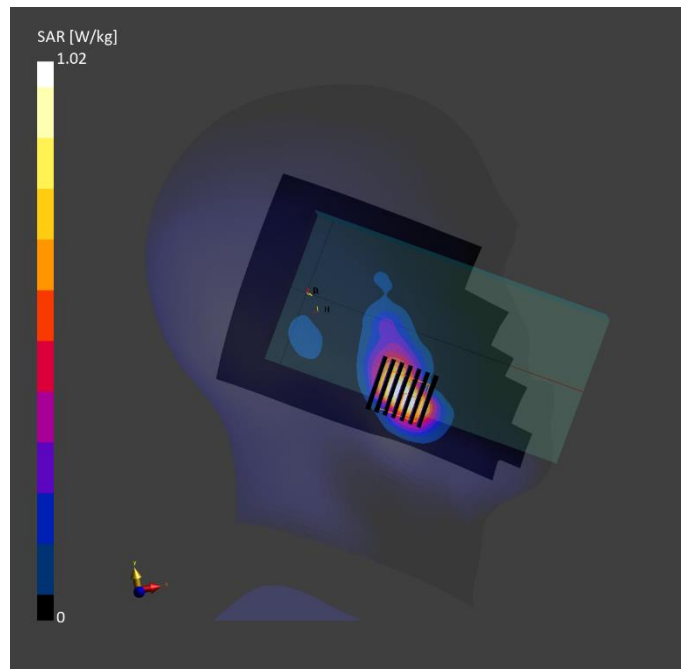
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.530	0.571
psSAR-10g [W/kg]	0.229	0.238
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.0
Dist 3dB Peak [mm]		6.6



Test Date : 2023-11-06 | Ambient Temp : 22.8 °C | Tissue Temp : 22.4 °C

Test Mode

60_LTE Band 42_QPSK20M_Right Cheek_Ch43490_1RB_Offset0_Ant 5_w/o RCV

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
RightHead	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.73	38.7

Hardware Setup

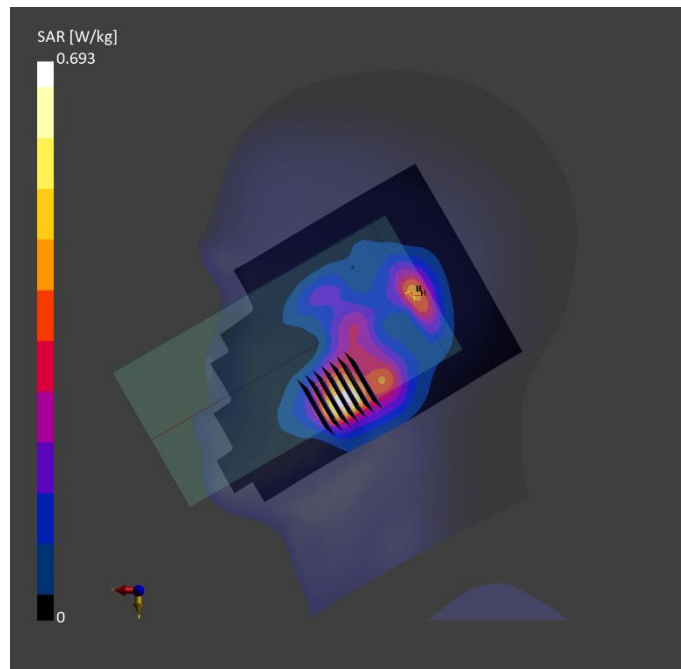
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.399	0.418
psSAR-10g [W/kg]	0.172	0.179
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.6
Dist 3dB Peak [mm]		10.5



Test Date : 2023-11-06 | Ambient Temp : 22.8 °C | Tissue Temp : 22.4 °C

Test Mode

61_LTE Band 42_QPSK20M_Left Cheek_Ch43490_1RB_Offset0_Ant 6_w/o RCV

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
LeftHead	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.73	38.7

Hardware Setup

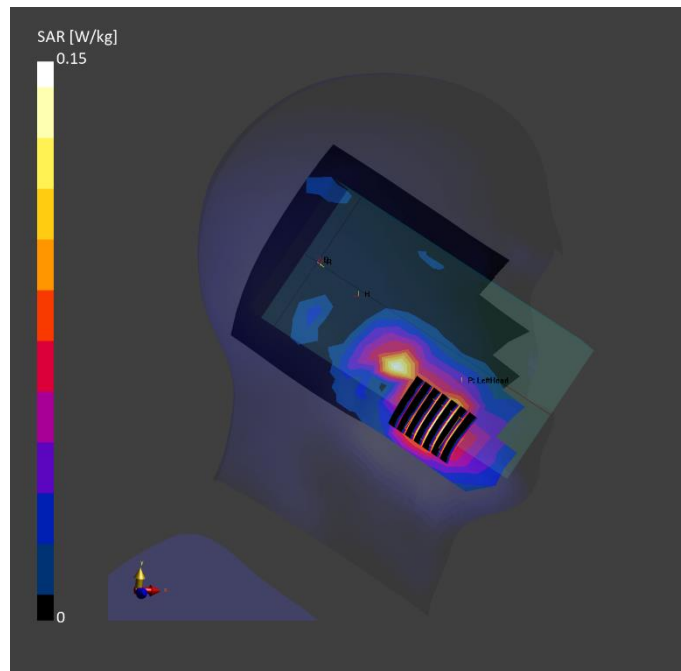
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.116	0.116
psSAR-10g [W/kg]	0.054	0.055
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.8
Dist 3dB Peak [mm]		13.7



Test Date : 2023-11-06 | Ambient Temp : 22.8 °C | Tissue Temp : 22.4 °C

Test Mode

62_LTE Band 42_QPSK20M_Right Cheek_Ch43490_1RB_Offset0_Ant 7_w/o RCV

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
RightHead	Band 42	LTE-TDD, 10172 - CAH	3590.000, 43490	6.87	2.73	38.7

Hardware Setup

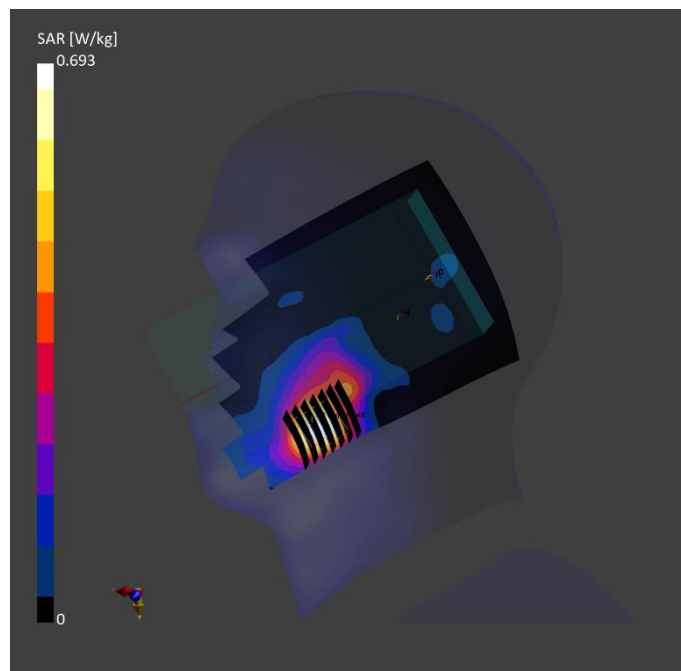
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.105	0.110
psSAR-10g [W/kg]	0.049	0.049
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.5
Dist 3dB Peak [mm]		13.0



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

63_LTE Band 43_QPSK20M_Left Cheek_Ch44340_1RB_Offset0_Ant 4_w RCV

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
LeftHead	Band 43	LTE-TDD, 10172 - CAH	3675.000, 44340	6.8	2.84	39.1

Hardware Setup

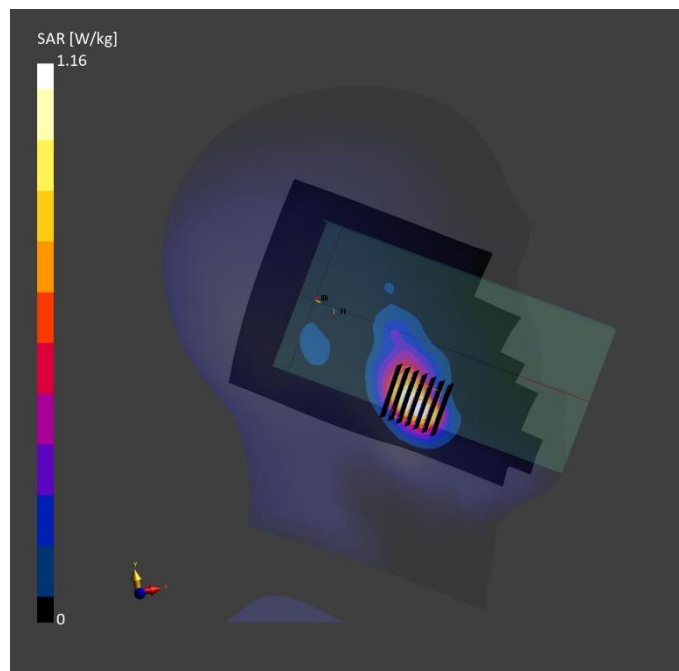
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.571	0.588
psSAR-10g [W/kg]	0.188	0.197
Power Drift [dB]		-0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.1
Dist 3dB Peak [mm]		7.8



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

64_LTE Band 43_QPSK20M_Right Cheek_Ch44190_1RB_Offset0_Ant 5_w/o RCV

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
RightHead	Band 43	LTE-TDD, 10172 - CAH	3660.000, 44190	6.8	2.82	39.2

Hardware Setup

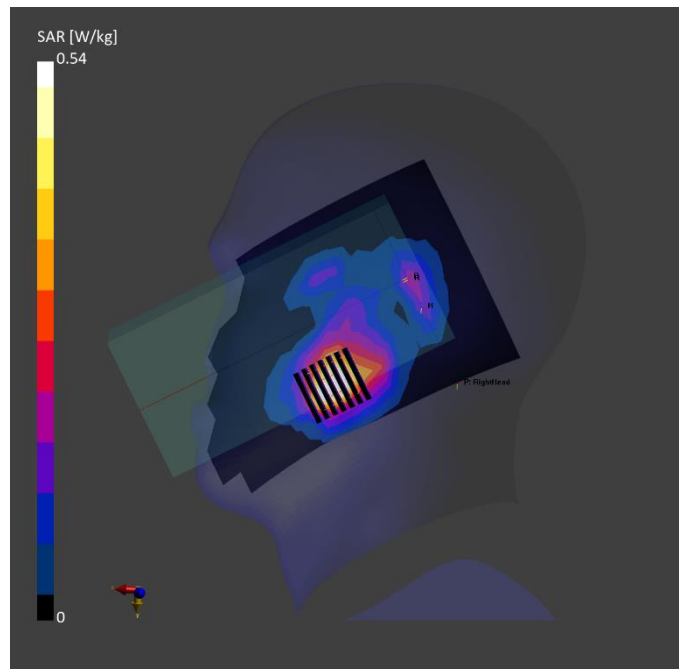
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.511	0.530
psSAR-10g [W/kg]	0.217	0.226
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.7
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

65_LTE Band 43_QPSK20M_Left Cheek_Ch44340_1RB_Offset0_Ant 6_w/o RCV

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
LeftHead	Band 43	LTE-TDD, 10172 - CAH	3675.000, 44340	6.8	2.84	39.1

Hardware Setup

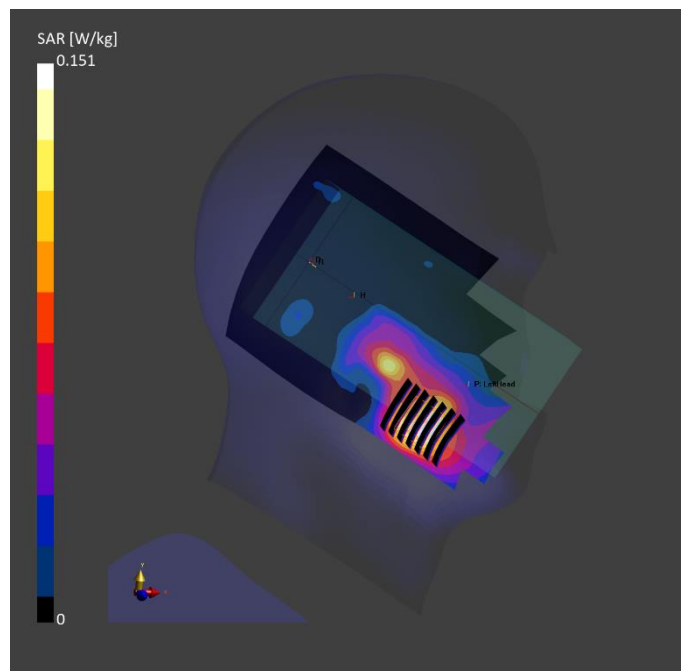
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.092	0.096
psSAR-10g [W/kg]	0.044	0.046
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.7
Dist 3dB Peak [mm]		11.6



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

66_LTE Band 43_QPSK20M_Right Cheek_Ch44190_1RB_Offset0_Ant 7_w/o RCV

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
RightHead	Band 43	LTE-TDD, 10172 - CAH	3660.000, 44190	6.8	2.82	39.2

Hardware Setup

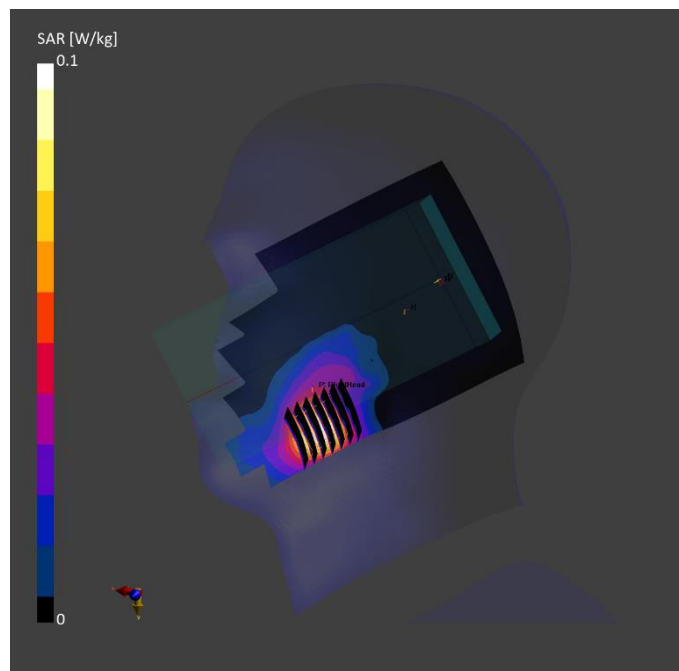
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.078	0.080
psSAR-10g [W/kg]	0.036	0.036
Power Drift [dB]		0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		13.5



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

67_LTE Band 48_QPSK20M_Left Cheek_Ch55340_1RB_Offset0_Ant 4_w/ RCV

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
LeftHead	Band 48	LTE-TDD, 10172 - CAH	3560.000, 55340	6.87	2.74	38.2

Hardware Setup

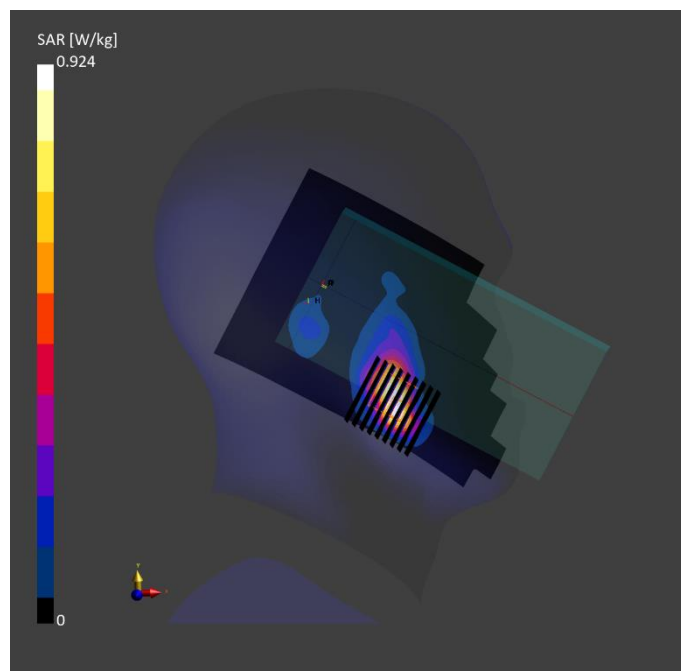
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.448	0.532
psSAR-10g [W/kg]	0.194	0.209
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.0
Dist 3dB Peak [mm]		5.9



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

68_LTE Band 48_QPSK20M_Right Cheek_Ch56640_1RB_Offset0_Ant 5_w/o RCV

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
RightHead	Band 48	LTE-TDD, 10172 - CAH	3690.000, 56640	6.8	2.86	38.0

Hardware Setup

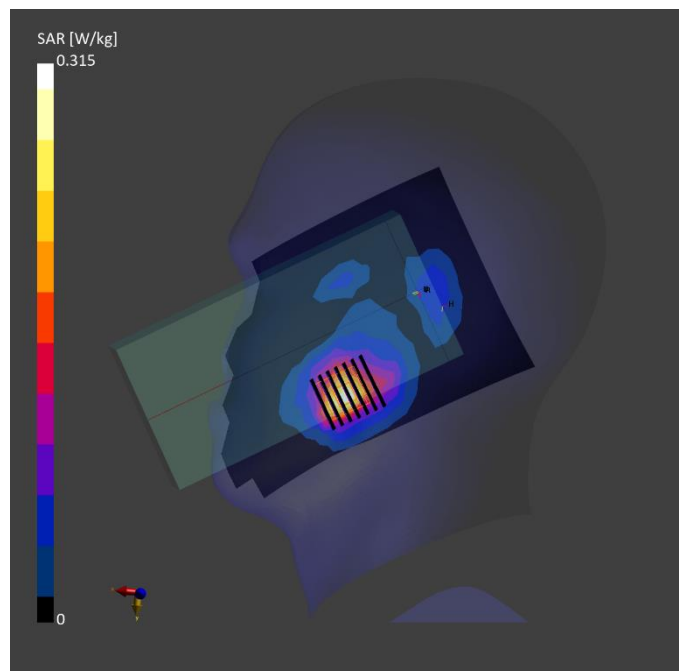
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.237	0.246
psSAR-10g [W/kg]	0.101	0.104
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		64.1
Dist 3dB Peak [mm]		10.4



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

69_LTE Band 48_QPSK20M_Left Cheek_Ch55340_1RB_Offset0_Ant 6_w/o RCV

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
LeftHead	Band 48	LTE-TDD, 10172 - CAH	3560.000, 55340	6.87	2.74	38.2

Hardware Setup

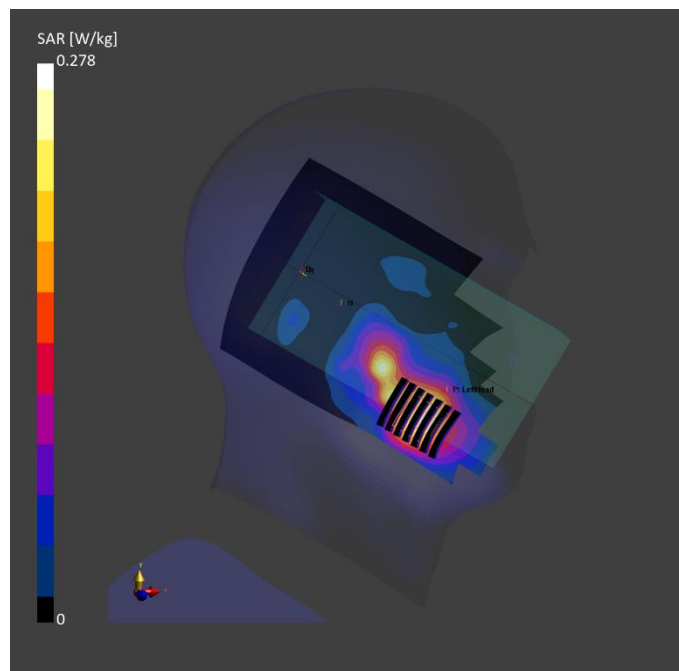
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.173	0.179
psSAR-10g [W/kg]	0.082	0.085
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.4
Dist 3dB Peak [mm]		14.0



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

70_LTE Band 48_QPSK20M_Right Cheek_Ch55340_1RB_Offset0_Ant 7_w/o RCV

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
RightHead	Band 48	LTE-TDD, 10172 - CAH	3560.000, 55340	6.87	2.74	38.2

Hardware Setup

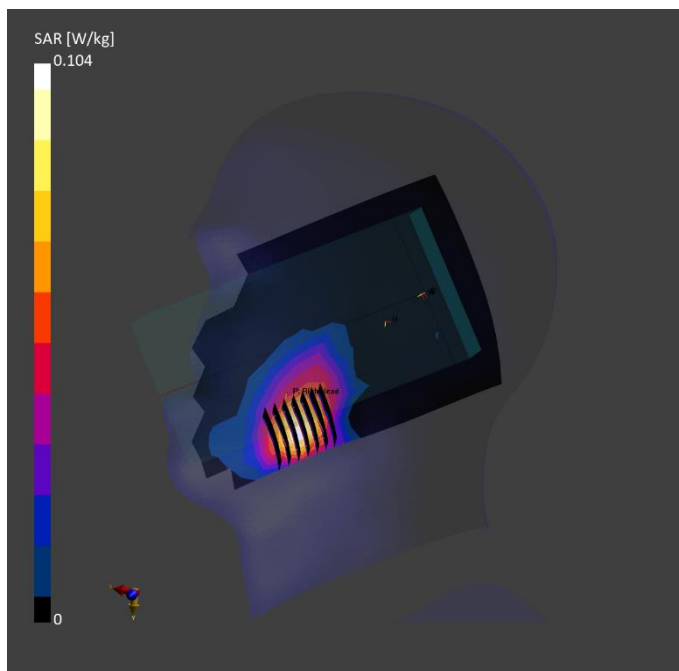
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.081	0.084
psSAR-10g [W/kg]	0.037	0.037
Power Drift [dB]		0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.9
Dist 3dB Peak [mm]		12.0



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

71_LTE Band 66_QPSK20M_Right Cheek_Ch132072_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 66	LTE-FDD, 10169 - CAF	1720.000, 132072	8.68	1.35	42.7

Hardware Setup

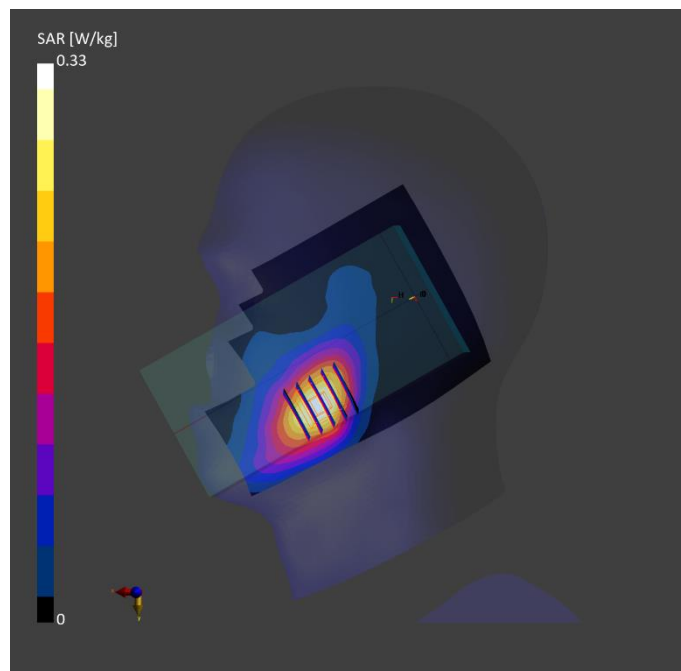
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.255	0.262
psSAR-10g [W/kg]	0.150	0.170
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.9
Dist 3dB Peak [mm]		15.8



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

72_LTE Band 66_QPSK20M_Left Cheek_Ch132322_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 66	LTE-FDD, 10169 - CAF	1745.000, 132322	8.68	1.36	42.7

Hardware Setup

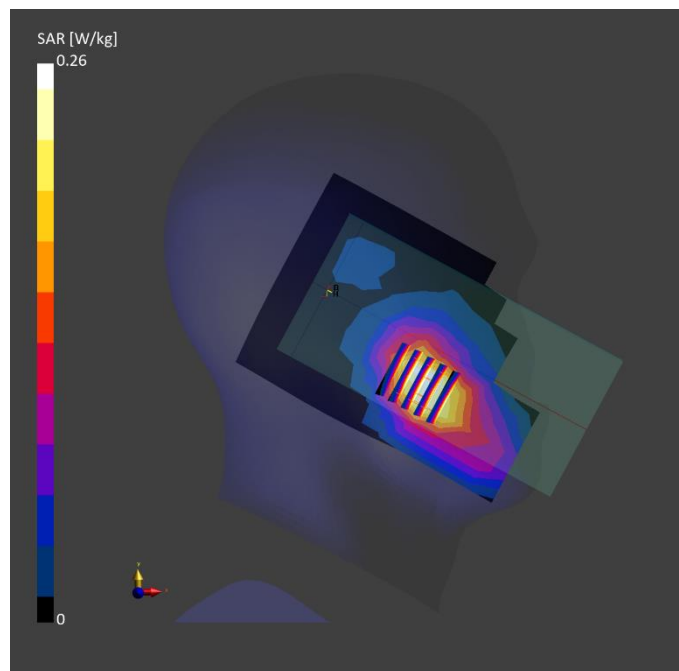
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.240	0.262
psSAR-10g [W/kg]	0.143	0.165
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.2
Dist 3dB Peak [mm]		15.6



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

73_LTE Band 66_QPSK20M_Left Cheek_Ch132072_1RB_Offset0_Ant 2_w/o RCV

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
LeftHead	Band 66	LTE-FDD, 10169 - CAF	1720.000, 132072	8.68	1.35	42.7

Hardware Setup

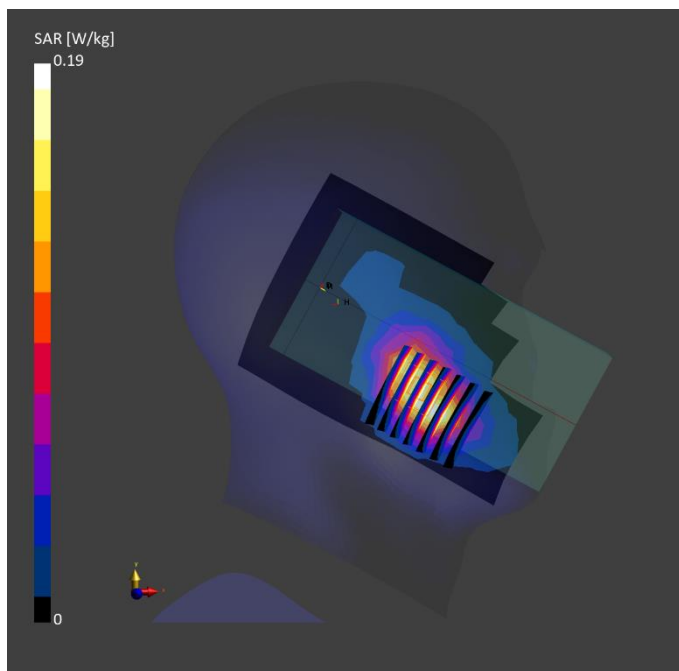
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.163	0.171
psSAR-10g [W/kg]	0.097	0.107
Power Drift [dB]		0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.4
Dist 3dB Peak [mm]		14.1



Test Date : 2023-10-25 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

74_LTE Band 66_QPSK20M_Right Cheek_Ch132322_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band 66	LTE-FDD, 10169 - CAF	1745.000, 132322	8.68	1.36	42.7

Hardware Setup

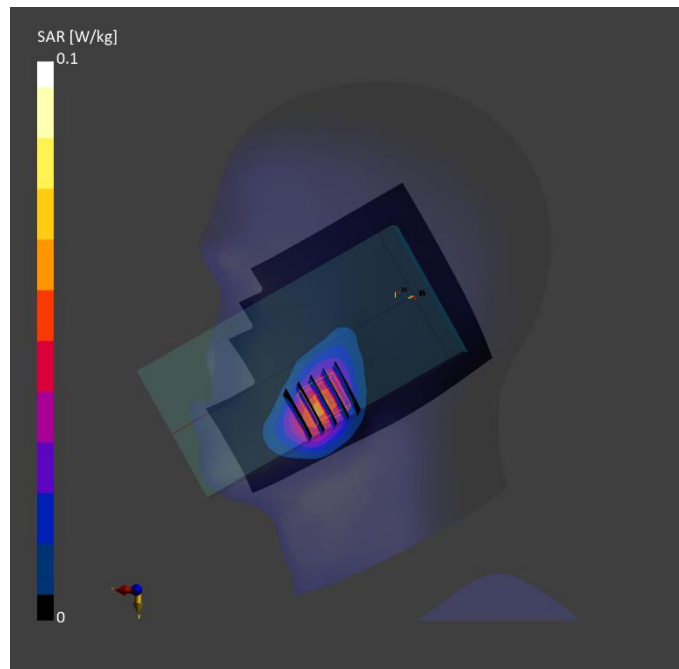
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.051	0.048
psSAR-10g [W/kg]	0.029	0.030
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.7
Dist 3dB Peak [mm]		9.5



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

75_LTE Band 71_QPSK20M_Right Cheek_Ch133322_1RB_Offset0_Ant 0_w/o RCV

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
RightHead	Band 71	LTE-FDD, 10169 - CAF	683.000, 133322	9.81	0.873	44.8

Hardware Setup

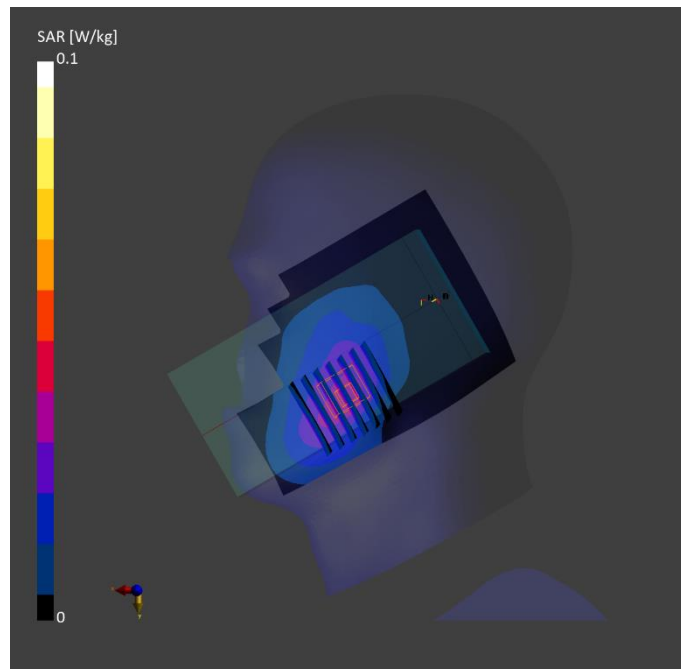
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.035	0.035
psSAR-10g [W/kg]	0.023	0.026
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.5
Dist 3dB Peak [mm]		14.0



Test Date : 2023-10-24 | Ambient Temp : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

76_LTE Band 71_QPSK20M_Left Cheek_Ch133222_1RB_Offset0_Ant 1_w/o RCV

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
LeftHead	Band 71	LTE-FDD, 10169 - CAF	673.000, 133222	9.81	0.869	44.8

Hardware Setup

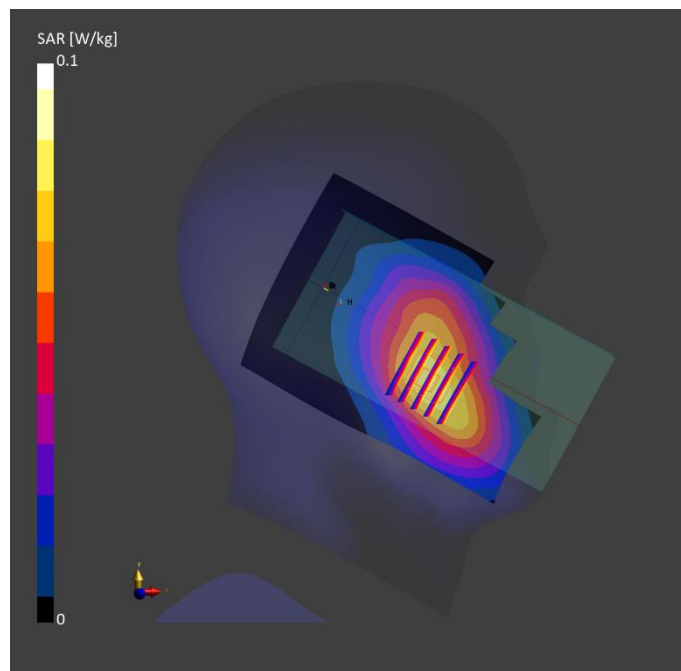
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.079	0.080
psSAR-10g [W/kg]	0.054	0.061
Power Drift [dB]		-0.15
TSL Correction	Positive only	Positive only
M2 / M1 [%]		76.2
Dist 3dB Peak [mm]		5.5



Test Date : 2023-10-30 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

77_NR Band n5_DFT-s QPSK20M_Right Cheek_Ch167300_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n5	5G NR FR1 FDD, 10931 - AAC	836.500, 167300	9.67	0.942	44.1

Hardware Setup

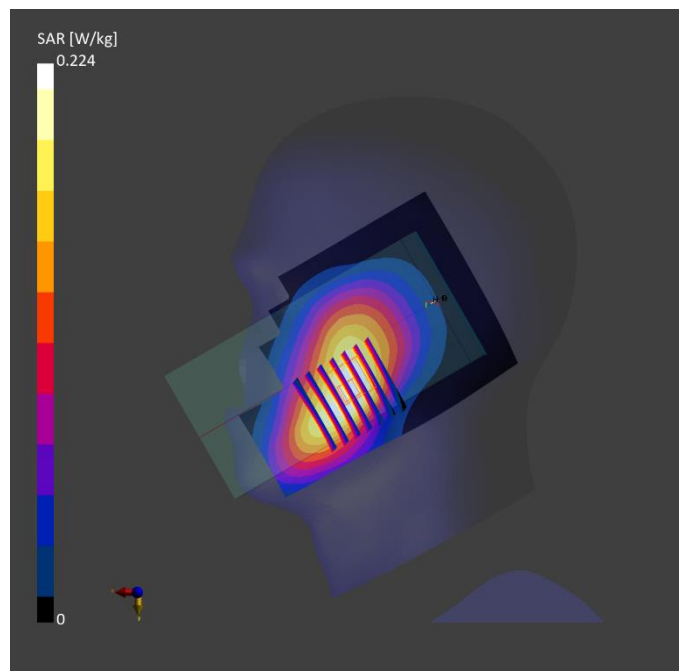
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.176	0.185
psSAR-10g [W/kg]	0.121	0.136
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.1
Dist 3dB Peak [mm]		16.9



Test Date : 2023-10-30 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

78_NR Band n5_DFT-s QPSK20M_Left Cheek_Ch167800_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n5	5G NR FR1 FDD, 10931 - AAC	839.000, 167800	9.67	0.943	44.1

Hardware Setup

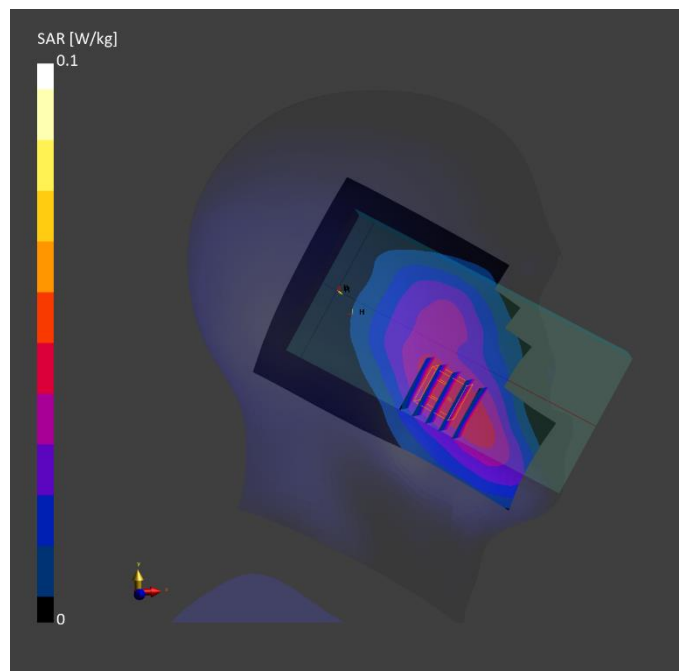
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.044	0.045
psSAR-10g [W/kg]	0.030	0.034
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.0
Dist 3dB Peak [mm]		17.5



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

79_NR Band n7_DFT-s QPSK20M_Right Cheek_Ch507000_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n7	5G NR FR1 FDD, 10931 - AAC	2535.000, 507000	7.36	1.92	40.8

Hardware Setup

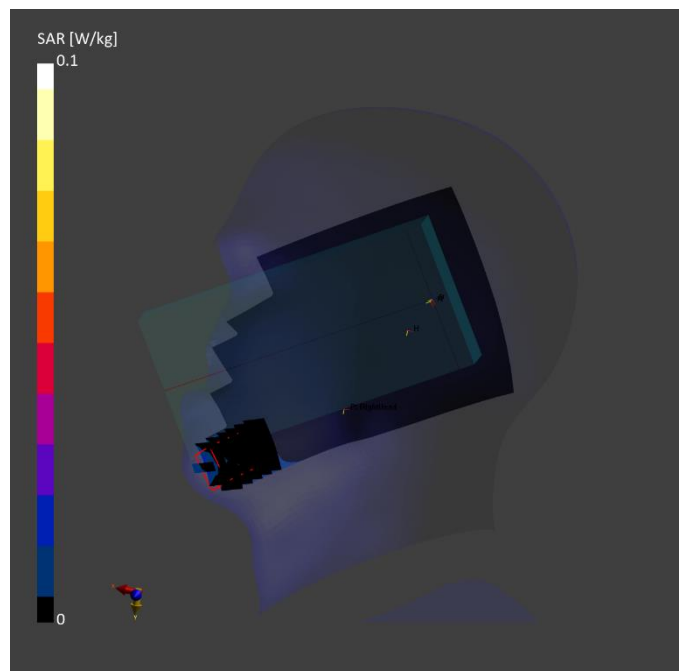
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.075	0.073
psSAR-10g [W/kg]	0.052	0.052
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.3
Dist 3dB Peak [mm]		8.1



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

80_NR Band n7_DFT-s QPSK20M_Left Cheek_Ch512000_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n7	5G NR FR1 FDD, 10931 - AAC	2560.000, 512000	7.36	1.94	40.8

Hardware Setup

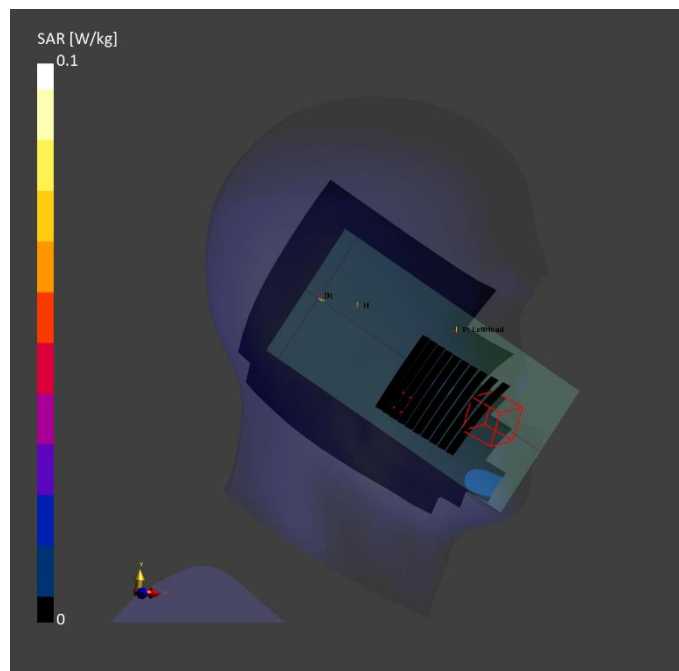
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.009	0.003
psSAR-10g [W/kg]	0.004	0.001
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.9
Dist 3dB Peak [mm]		5.4



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

81_NR Band n7_DFT-s QPSK20M_Left Cheek_Ch502000_1RB_Offset1_Ant 2_w/o RCV

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
LeftHead	Band n7	5G NR FR1 FDD, 10931 - AAC	2510.000, 502000	7.36	1.90	40.9

Hardware Setup

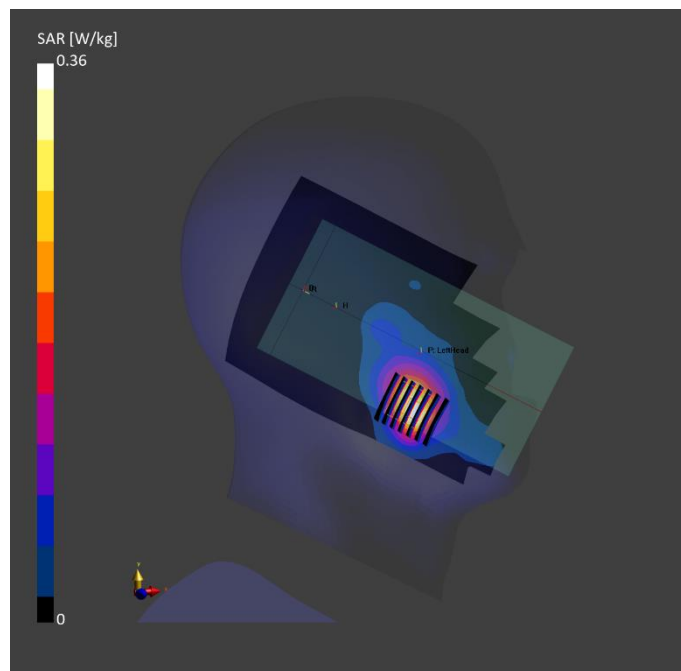
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.213	0.235
psSAR-10g [W/kg]	0.108	0.118
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.5
Dist 3dB Peak [mm]		10.0



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

82_NR Band n7_DFT-s QPSK20M_Right Cheek_Ch512000_1RB_Offset1_Ant 3_w/o RCV

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
RightHead	Band n7	5G NR FR1 FDD, 10931 - AAC	2560.000, 512000	7.36	1.94	40.8

Hardware Setup

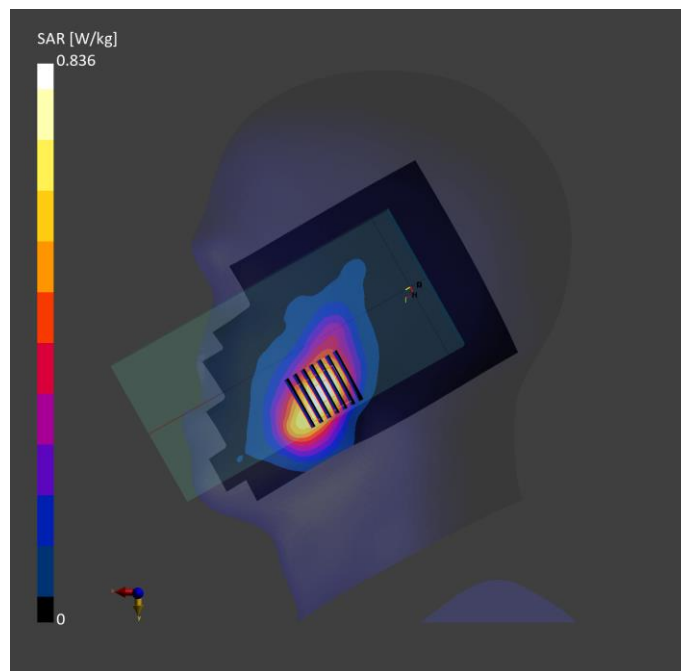
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.486	0.513
psSAR-10g [W/kg]	0.225	0.246
Power Drift [dB]		-0.12
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.6
Dist 3dB Peak [mm]		10.7



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

83_NR Band n12_DFT-S QPSK15M_Right Cheek_Ch141500_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n12	5G NR FR1 FDD, 10930 - AAC	707.500, 141500	9.81	0.908	44.3

Hardware Setup

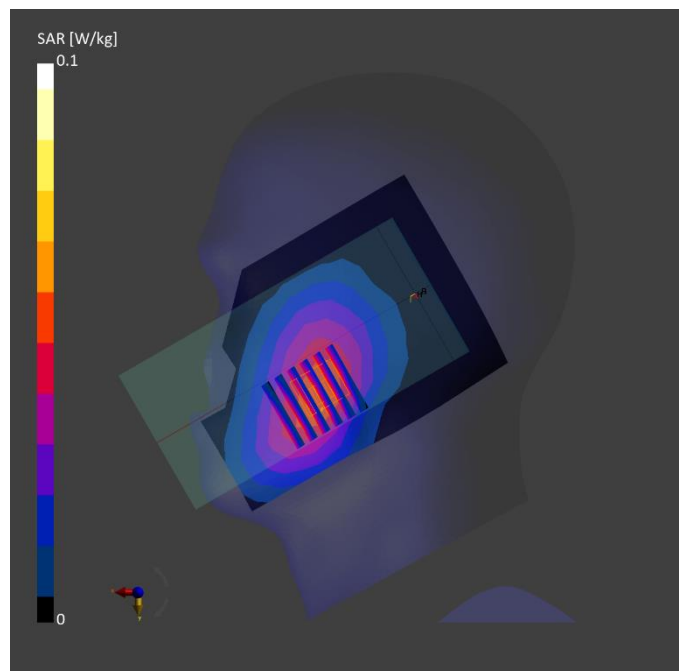
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.053	0.054
psSAR-10g [W/kg]	0.037	0.041
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.4
Dist 3dB Peak [mm]		14.7



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

84_NR Band n12_DFT-S QPSK15M_Left Cheek_Ch141500_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n12	5G NR FR1 FDD, 10930 - AAC	707.500, 141500	9.81	0.908	44.3

Hardware Setup

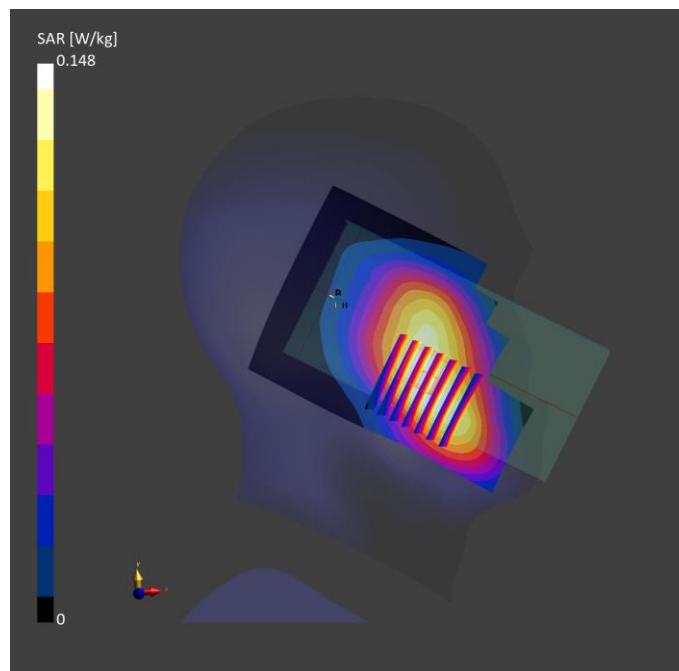
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.119	0.125
psSAR-10g [W/kg]	0.083	0.096
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		76.1
Dist 3dB Peak [mm]		18.9



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

85_NR Band n13_DFT-S QPSK10M_Right Cheek_Ch156400_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n13	5G NR FR1 FDD, 10929 - AAD	782.000, 156400	9.81	0.936	44.2

Hardware Setup

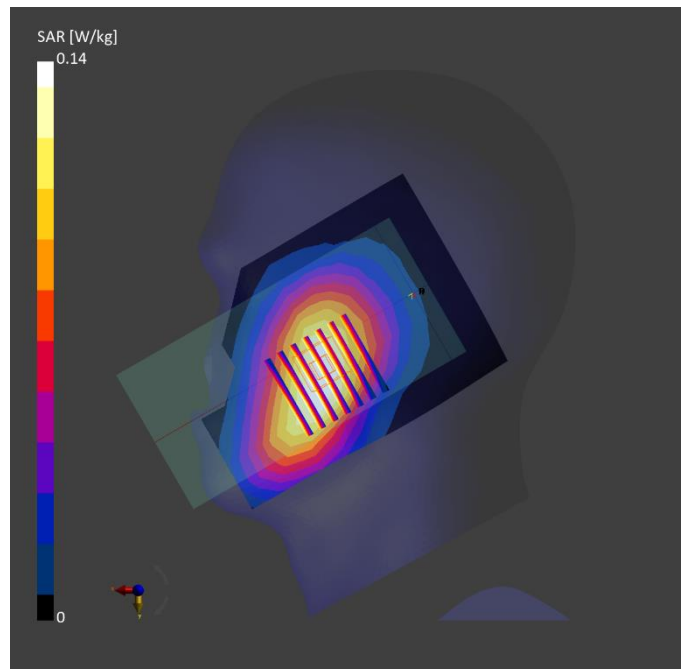
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.126	0.130
psSAR-10g [W/kg]	0.087	0.102
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.6
Dist 3dB Peak [mm]		18.3



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

86_NR Band n13_DFT-S QPSK10M_Left Cheek_Ch156400_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n13	5G NR FR1 FDD, 10929 - AAD	782.000, 156400	9.81	0.936	44.2

Hardware Setup

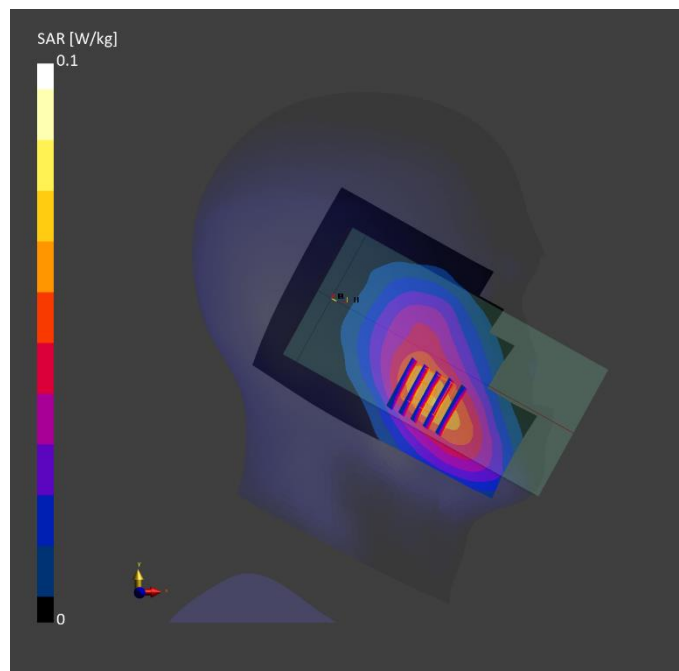
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.059	0.061
psSAR-10g [W/kg]	0.040	0.045
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		75.0
Dist 3dB Peak [mm]		17.5



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

87_NR Band n14_DFT-S QPSK10M_Right Cheek_Ch158600_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n14	5G NR FR1 FDD, 10929 - AAD	793.000, 158600	9.81	0.941	44.1

Hardware Setup

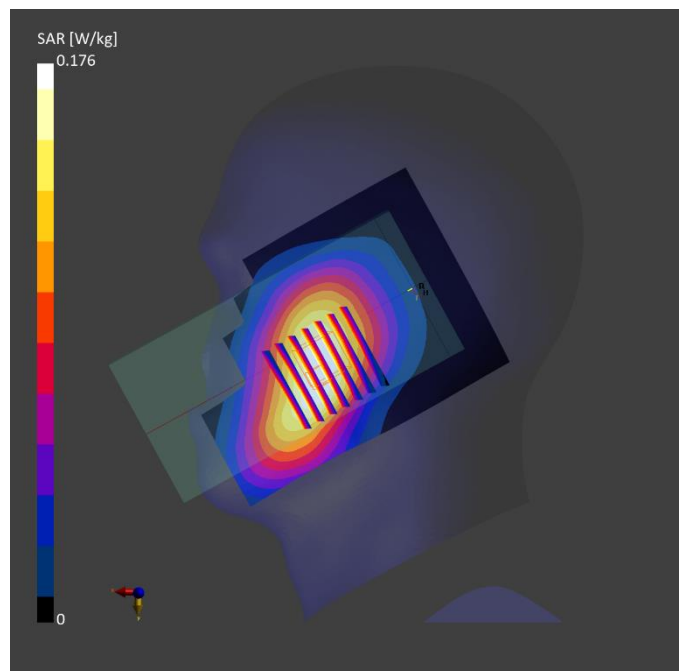
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.144	0.149
psSAR-10g [W/kg]	0.10	0.116
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		76.7
Dist 3dB Peak [mm]		19.1



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

88_NR Band n14_DFT-S QPSK10M_Left Cheek_Ch158600_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n14	5G NR FR1 FDD, 10929 - AAD	793.000, 158600	9.81	0.941	44.1

Hardware Setup

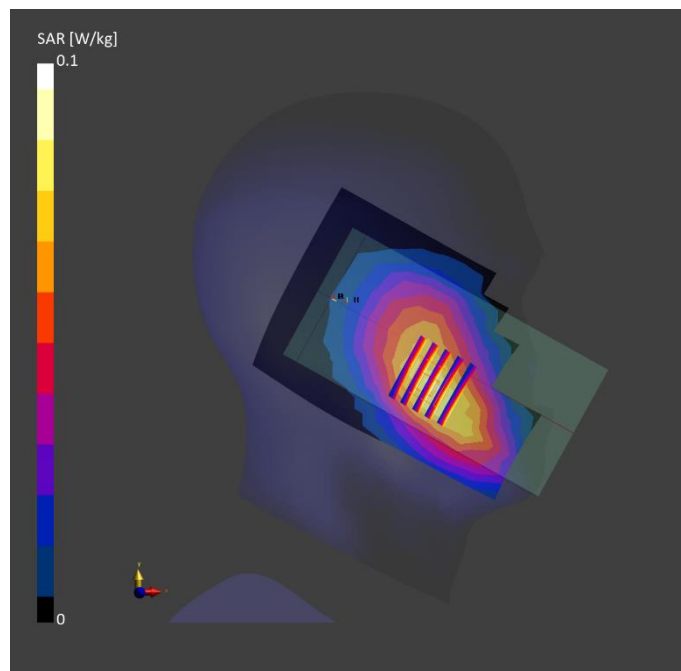
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.077	0.080
psSAR-10g [W/kg]	0.053	0.060
Power Drift [dB]		0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		74.6
Dist 3dB Peak [mm]		29.4



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

89_NR Band n25_DFT-s QPSK20M_Right Cheek_Ch376500_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n25	5G NR FR1 FDD, 10931 - AAC	1882.500, 376500	7.7	1.46	42.0

Hardware Setup

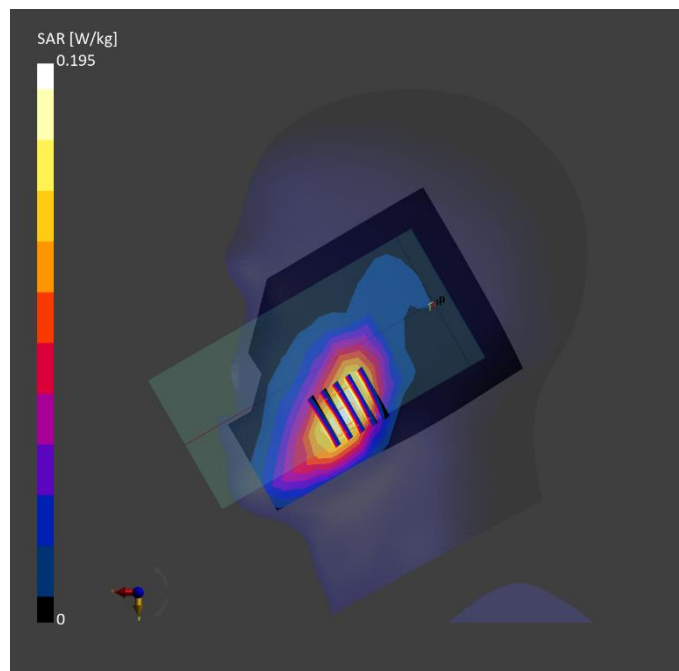
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.160	0.168
psSAR-10g [W/kg]	0.094	0.110
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.9
Dist 3dB Peak [mm]		13.5



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

90_NR Band n25_DFT-s QPSK20M_Left Cheek_Ch376500_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n25	5G NR FR1 FDD, 10931 - AAC	1882.500, 376500	7.7	1.46	42.0

Hardware Setup

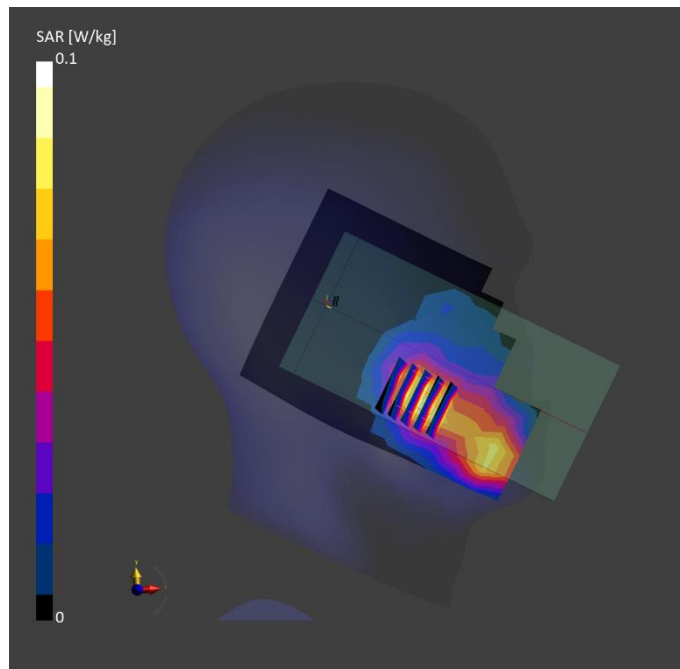
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.075	0.079
psSAR-10g [W/kg]	0.044	0.055
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.6
Dist 3dB Peak [mm]		14.5



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

91_NR Band n25_DFT-s QPSK20M_Left Cheek_Ch376500_1RB_Offset1_Ant 2_w/o RCV

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
LeftHead	Band n25	5G NR FR1 FDD, 10931 - AAC	1882.500, 376500	7.7	1.46	42.0

Hardware Setup

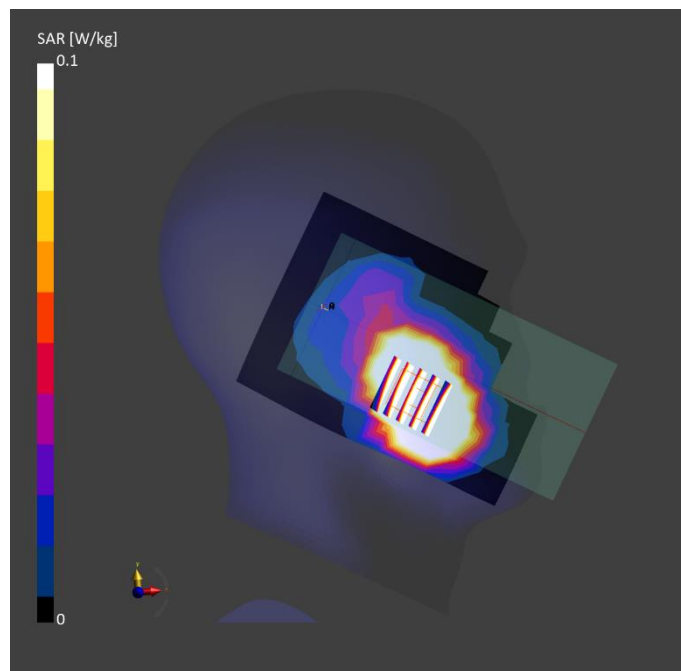
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.266	0.296
psSAR-10g [W/kg]	0.156	0.182
Power Drift [dB]		0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.4
Dist 3dB Peak [mm]		14.1



Test Date : 2023-11-01 | Ambient Temp : 22.4 °C | Tissue Temp : 22.3 °C

Test Mode

92_NR Band n25_DFT-s QPSK20M_Right Cheek_Ch376500_1RB_Offset1_Ant 3_w/o RCV

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
RightHead	Band n25	5G NR FR1 FDD, 10931 - AAC	1882.500, 376500	7.7	1.46	42.0

Hardware Setup

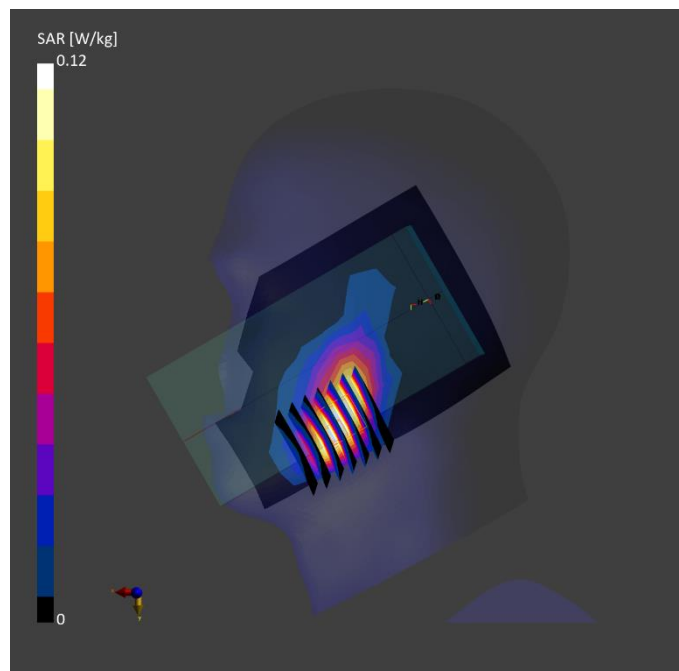
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.104	0.111
psSAR-10g [W/kg]	0.061	0.067
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.7
Dist 3dB Peak [mm]		12.2



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

93_NR Band n30_DFT-s QPSK10M_Right Cheek_Ch462000_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.32	1.72	40.8

Hardware Setup

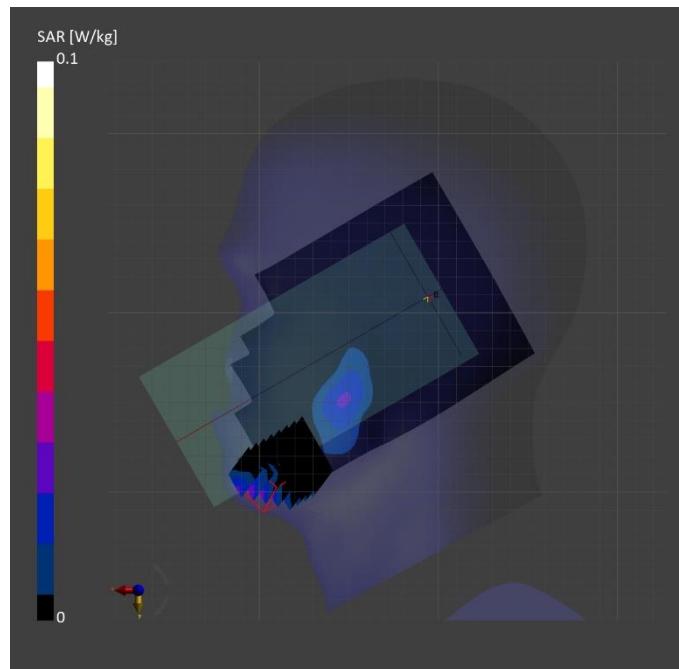
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.036	0.036
psSAR-10g [W/kg]	0.019	0.021
Power Drift [dB]		0.13
TSL Correction	Positive only	Positive only
M2 / M1 [%]		71.4
Dist 3dB Peak [mm]		9.9



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

94_NR Band n30_DFT-s QPSK10M_Left Cheek_Ch462000_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.32	1.72	40.8

Hardware Setup

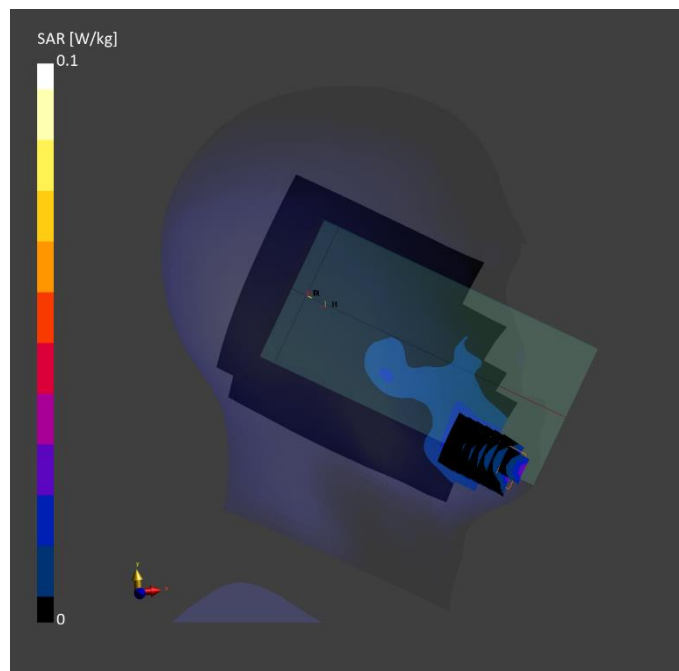
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.036	0.035
psSAR-10g [W/kg]	0.019	0.022
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.1
Dist 3dB Peak [mm]		14.2



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

95_NR Band n30_DFT-s QPSK10M_Left Cheek_Ch462000_1RB_Offset1_Ant 2_w/o RCV

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
LeftHead	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.32	1.72	40.8

Hardware Setup

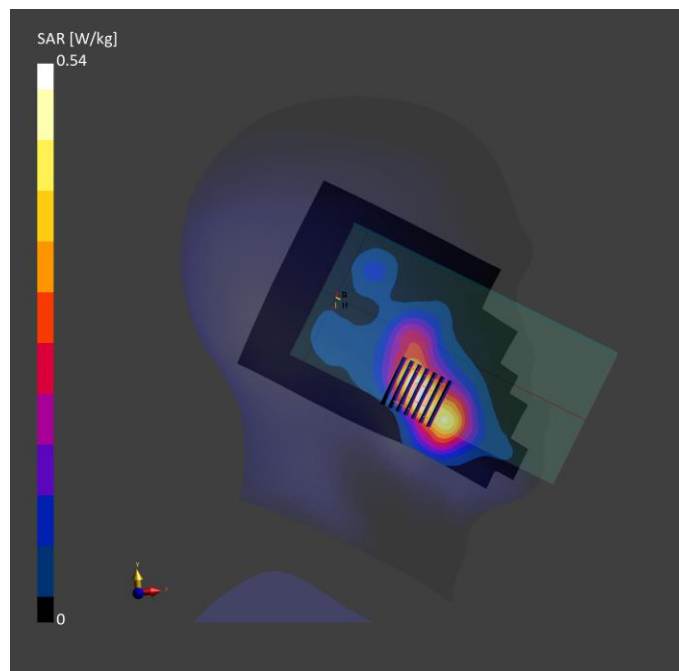
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.332	0.368
psSAR-10g [W/kg]	0.175	0.198
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.9
Dist 3dB Peak [mm]		9.4



Test Date : 2023-11-02 | Ambient Temp : 22.6 °C | Tissue Temp : 22.5 °C

Test Mode

96_NR Band n30_DFT-s QPSK10M_Right Cheek_Ch462000_1RB_Offset1_Ant 3_w/o RCV

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
RightHead	Band n30	5G NR FR1 FDD, 10929 - AAD	2310.000, 462000	7.32	1.72	40.8

Hardware Setup

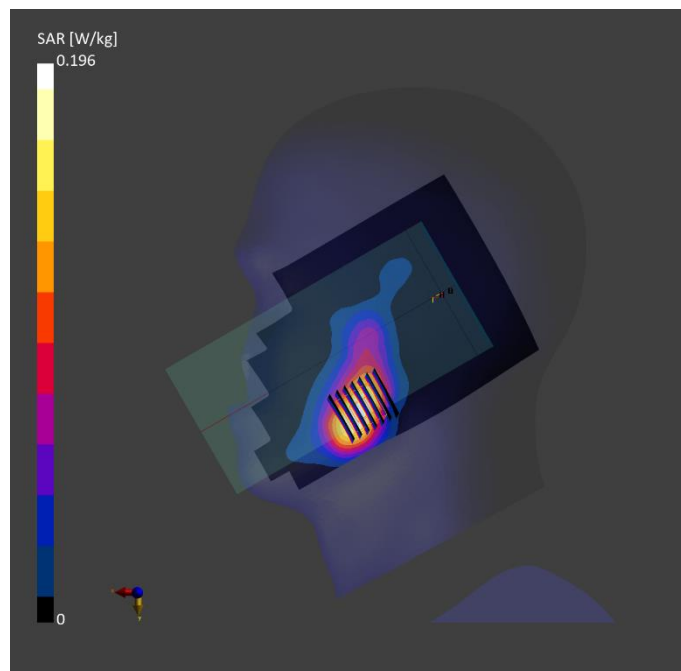
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 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]	0.141	0.143
psSAR-10g [W/kg]	0.077	0.083
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.5
Dist 3dB Peak [mm]		12.6



Test Date : 2023-10-30 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

97_NR Band n66_DFT-s QPSK20M_Right Cheek_C354000_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n66	5G NR FR1 FDD, 10931 - AAC	1770.000, 354000	8.68	1.39	42.1

Hardware Setup

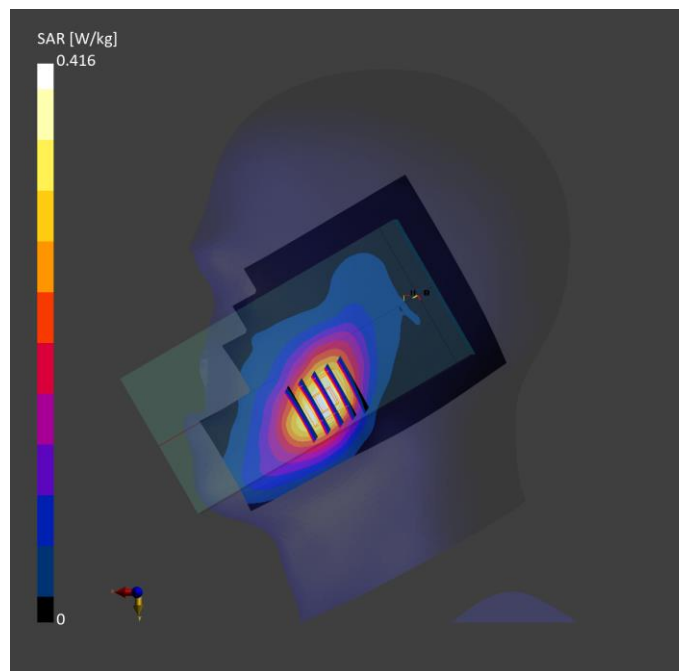
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.301	0.324
psSAR-10g [W/kg]	0.180	0.209
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.9
Dist 3dB Peak [mm]		15.5



Test Date : 2023-10-30 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

98_NR Band n66_DFT-s QPSK20M_Right Cheek_C354000_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n66	5G NR FR1 FDD, 10931 - AAC	1770.000, 354000	8.68	1.39	42.1

Hardware Setup

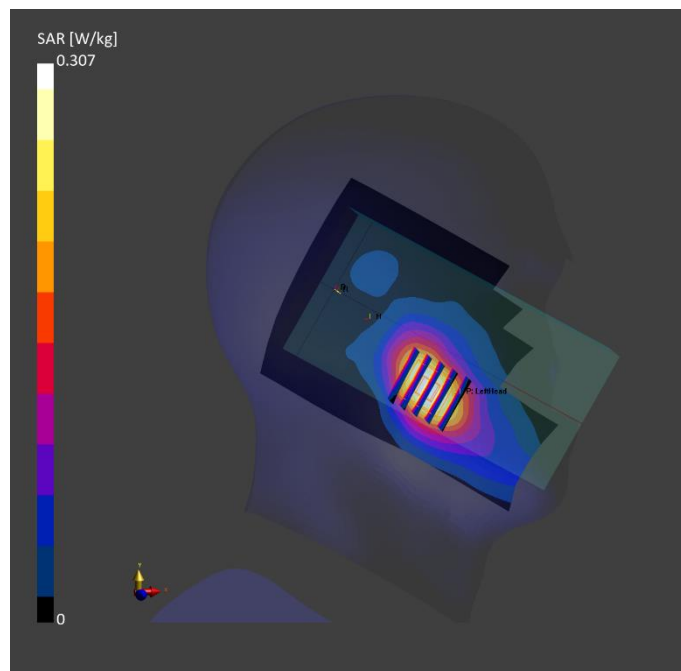
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.223	0.237
psSAR-10g [W/kg]	0.133	0.151
Power Drift [dB]		-0.08
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.8
Dist 3dB Peak [mm]		15.6



Test Date : 2023-10-30 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

99_NR Band n66_DFT-s QPSK20M_Left Cheek_C354000_1RB_Offset1_Ant 2_w/o RCV

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
LeftHead	Band n66	5G NR FR1 FDD, 10931 - AAC	1770.000, 354000	8.68	1.39	42.1

Hardware Setup

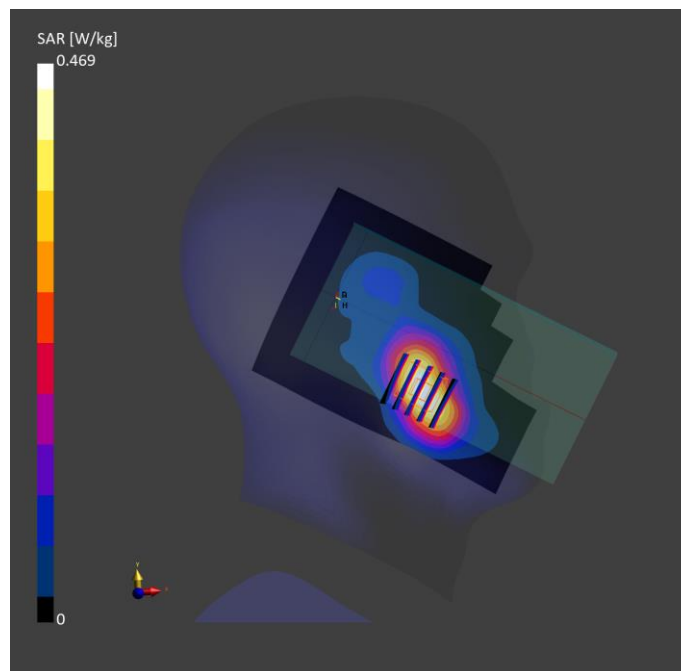
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.327	0.355
psSAR-10g [W/kg]	0.192	0.222
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.2
Dist 3dB Peak [mm]		13.5



Test Date : 2023-10-30 | Ambient Temp : 22.6 °C | Tissue Temp : 22.4 °C

Test Mode

100_NR Band n66_DFT-s QPSK20M_Right Cheek_C349000_1RB_Offset1_Ant 3_w/o RCV

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
RightHead	Band n66	5G NR FR1 FDD, 10931 - AAC	1745.000, 349000	8.68	1.37	42.2

Hardware Setup

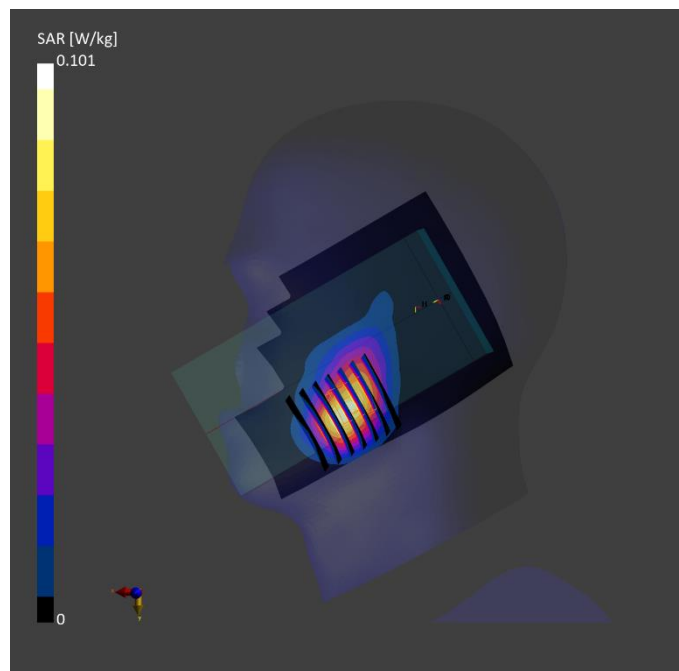
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.072	0.072
psSAR-10g [W/kg]	0.043	0.045
Power Drift [dB]		-0.15
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.0
Dist 3dB Peak [mm]		13.1



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

101_NR Band n71_DFT-S QPSK20M_Right Cheek_Ch136100_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n71	5G NR FR1 FDD, 10931 - AAC	680.500, 136100	9.81	0.901	44.5

Hardware Setup

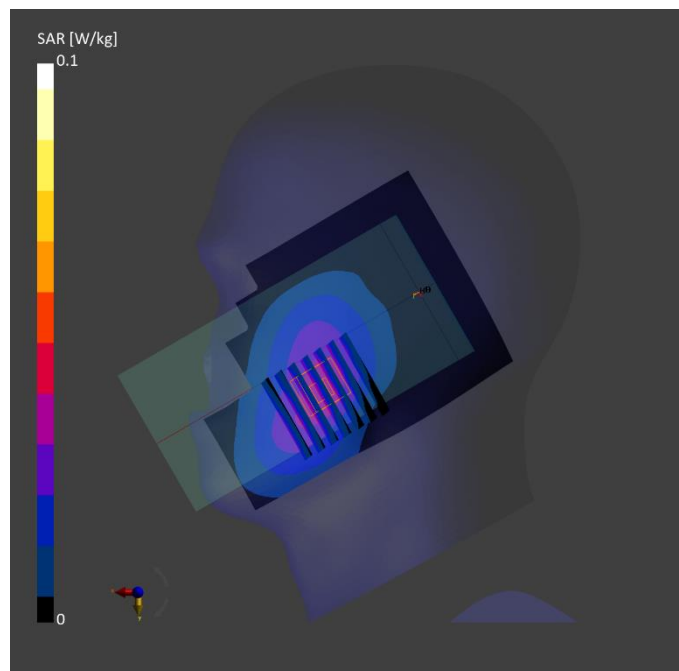
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.034	0.034
psSAR-10g [W/kg]	0.024	0.027
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		76.3
Dist 3dB Peak [mm]		14.8



Test Date : 2023-10-29 | Ambient Temp : 22.7 °C | Tissue Temp : 22.3 °C

Test Mode

102_NR Band n71_DFT-S QPSK20M_Left Cheek_Ch134600_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n71	5G NR FR1 FDD, 10931 - AAC	673.000, 134600	9.81	0.898	44.5

Hardware Setup

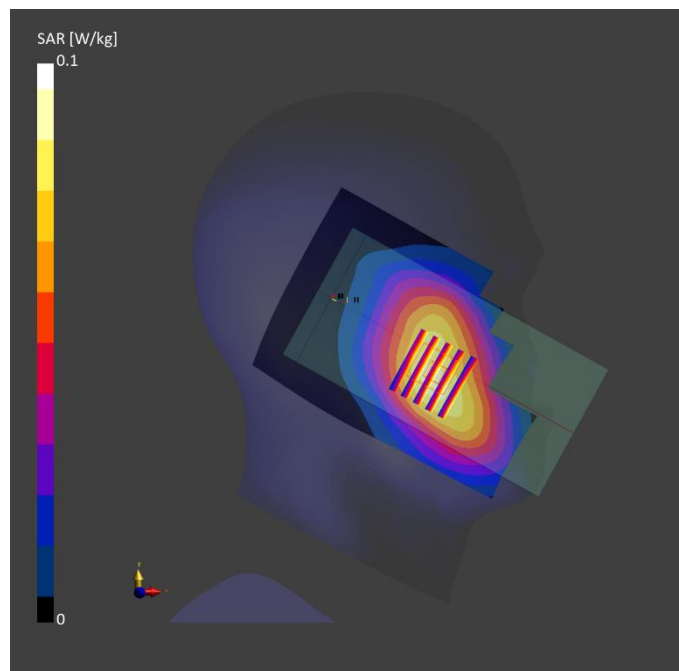
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.084	0.084
psSAR-10g [W/kg]	0.059	0.066
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		81.4
Dist 3dB Peak [mm]		16.0



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

103_NR Band n38_DFT-s QPSK40M_Right Cheek_Ch519000_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n38	5G NR FR1 TDD, 10903 - AAD	2595.000, 519000	7.36	1.97	40.7

Hardware Setup

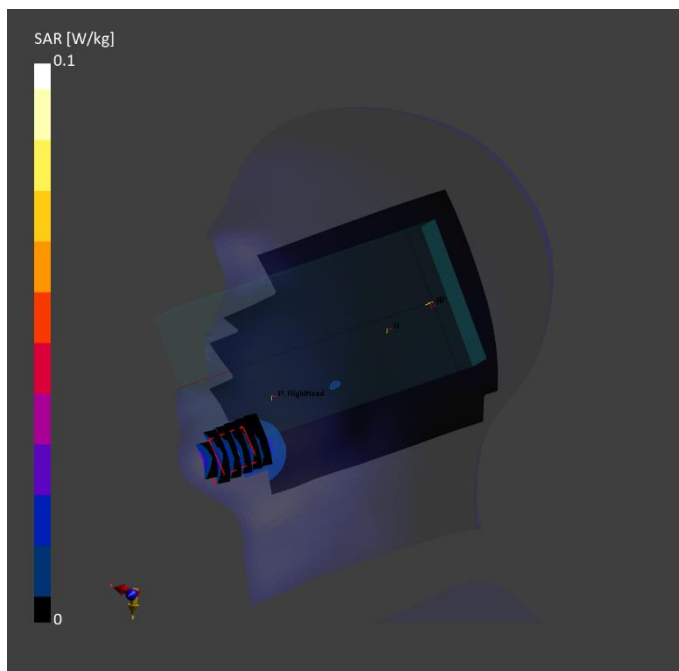
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.035	0.032
psSAR-10g [W/kg]	0.016	0.018
Power Drift [dB]		0.18
TSL Correction	Positive only	Positive only
M2 / M1 [%]		63.4
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

104_NR Band n38_DFT-s QPSK40M_Left Cheek_Ch519000_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n38	5G NR FR1 TDD, 10903 - AAD	2595.000, 519000	7.36	1.97	40.7

Hardware Setup

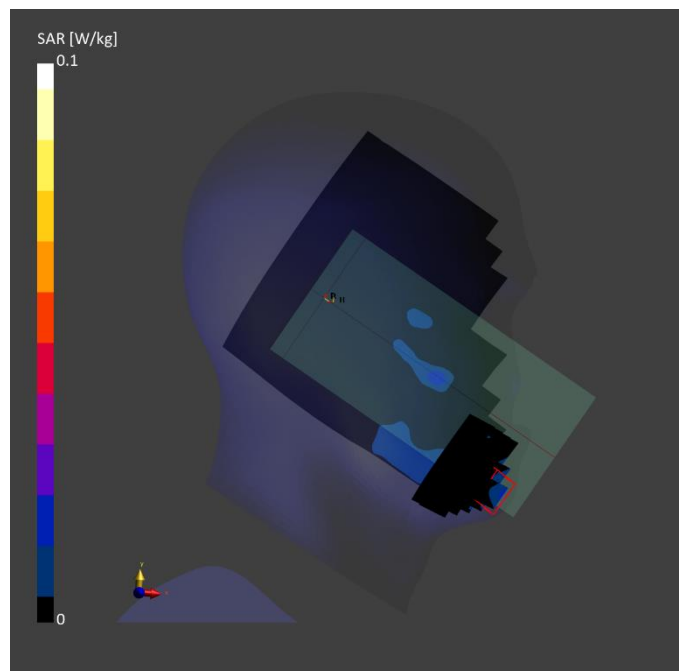
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.021	0.019
psSAR-10g [W/kg]	0.01	0.011
Power Drift [dB]		-0.17
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.8
Dist 3dB Peak [mm]		5.5



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

105_NR Band n38_DFT-s QPSK40M_Left Cheek_Ch519000_1RB_Offset1_Ant 2_w/o RCV

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
LeftHead	Band n38	5G NR FR1 TDD, 10903 - AAD	2595.000, 519000	7.36	1.97	40.7

Hardware Setup

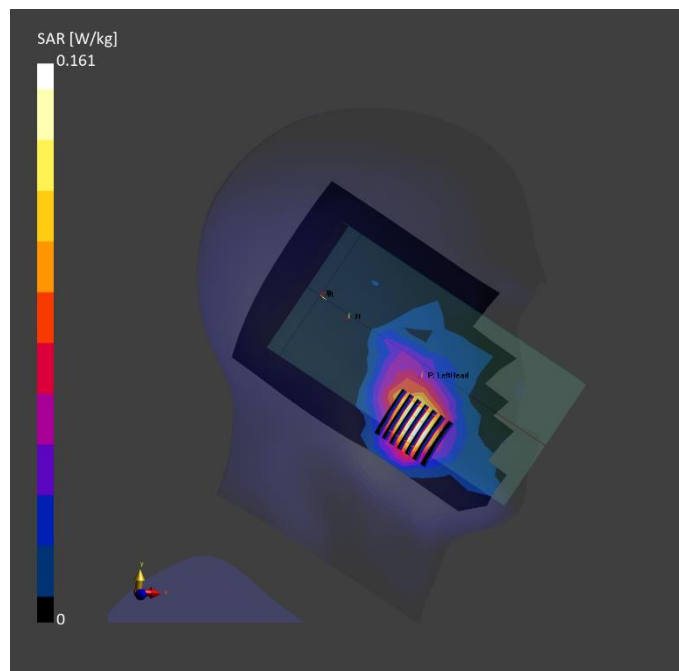
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.145	0.154
psSAR-10g [W/kg]	0.074	0.076
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.9
Dist 3dB Peak [mm]		10.2



Test Date : 2023-11-04 | Ambient Temp : 22.4 °C | Tissue Temp : 22.2 °C

Test Mode

106_NR Band n38_DFT-s QPSK40M_Right Cheek_Ch518000_1RB_Offset1_Ant 3_w/o RCV

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
RightHead	Band n38	5G NR FR1 TDD, 10903 - AAD	2590.000, 518000	7.36	1.96	40.7

Hardware Setup

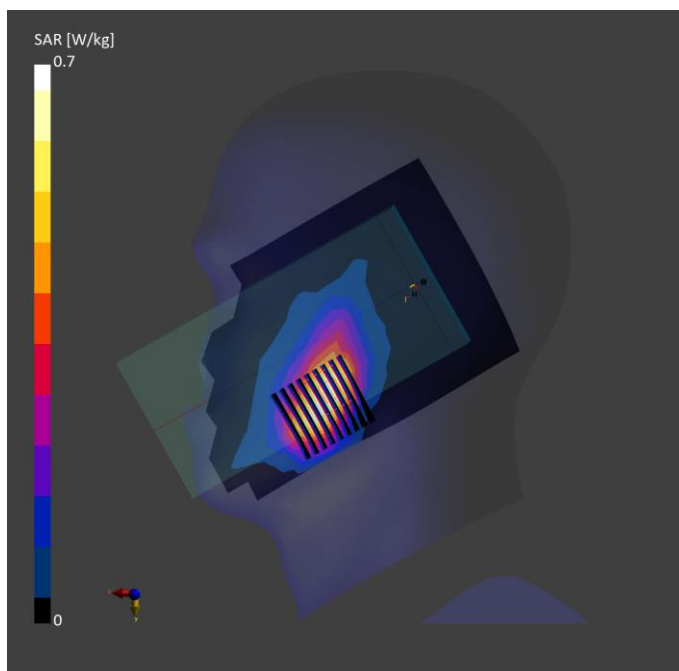
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.498	0.521
psSAR-10g [W/kg]	0.231	0.249
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.0
Dist 3dB Peak [mm]		10.6



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

107_NR Band n41_DFT-s QPSK100M_Right Cheek_Ch523302_1RB_Offset1_Ant 0_w/o RCV

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
RightHead	Band n41	5G NR FR1 TDD, 10866 - AAF	2616.510, 523302	7.36	1.95	40.6

Hardware Setup

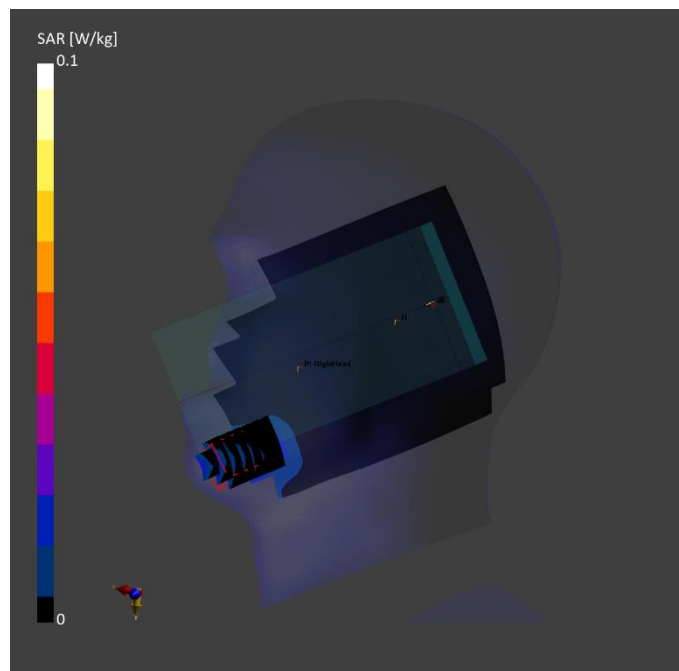
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.036	0.036
psSAR-10g [W/kg]	0.018	0.020
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		8.7



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

108_NR Band n41_DFT-s QPSK100M_Left Cheek_Ch513900_1RB_Offset1_Ant 1_w/o RCV

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
LeftHead	Band n41	5G NR FR1 TDD, 10866 - AAF	2569.500, 513900	7.36	1.91	40.7

Hardware Setup

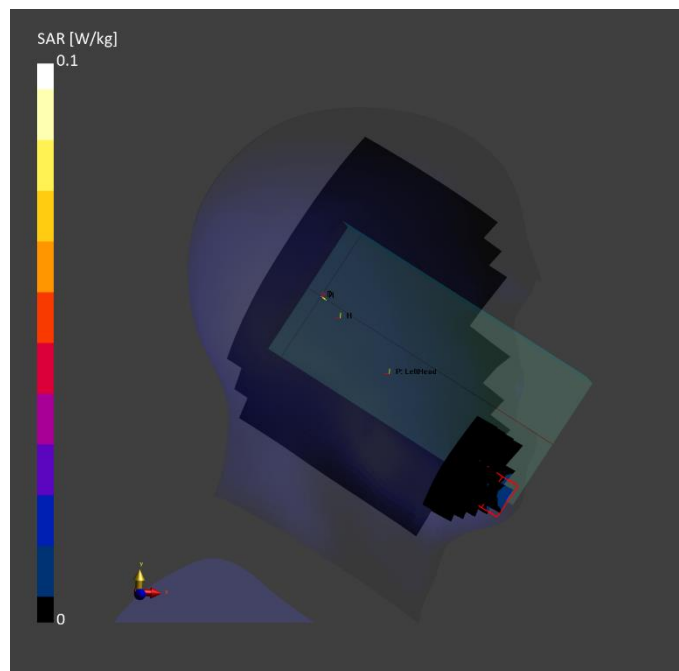
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.017	0.017
psSAR-10g [W/kg]	0.007	0.01
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.8
Dist 3dB Peak [mm]		9.0



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

109_NR Band n41_DFT-s QPSK100M_Left Cheek_Ch518598_1RB_Offset1_Ant 2_w/o RCV

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
LeftHead	Band n41	5G NR FR1 TDD, 10866 - AAF	2592.990, 518598	7.36	1.93	40.6

Hardware Setup

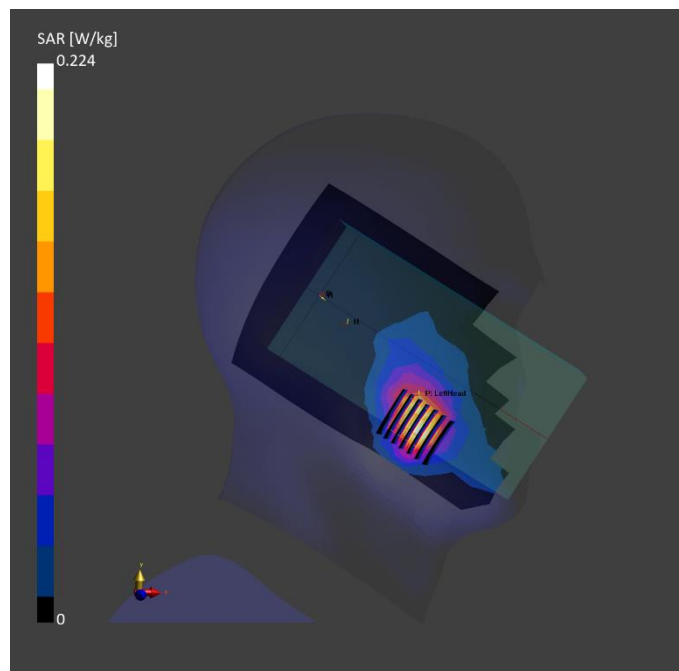
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.178	0.193
psSAR-10g [W/kg]	0.089	0.095
Power Drift [dB]		0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.8
Dist 3dB Peak [mm]		10.7



Test Date : 2023-11-05 | Ambient Temp : 22.5 °C | Tissue Temp : 22.1 °C

Test Mode

110_NR Band n41_DFT-s QPSK100M_Right Cheek_Ch513900_1RB_Offset0_Ant 3_w/o RCV

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
RightHead	Band n41	5G NR FR1 TDD, 10866 - AAF	2569.500, 513900	7.36	1.91	40.7

Hardware Setup

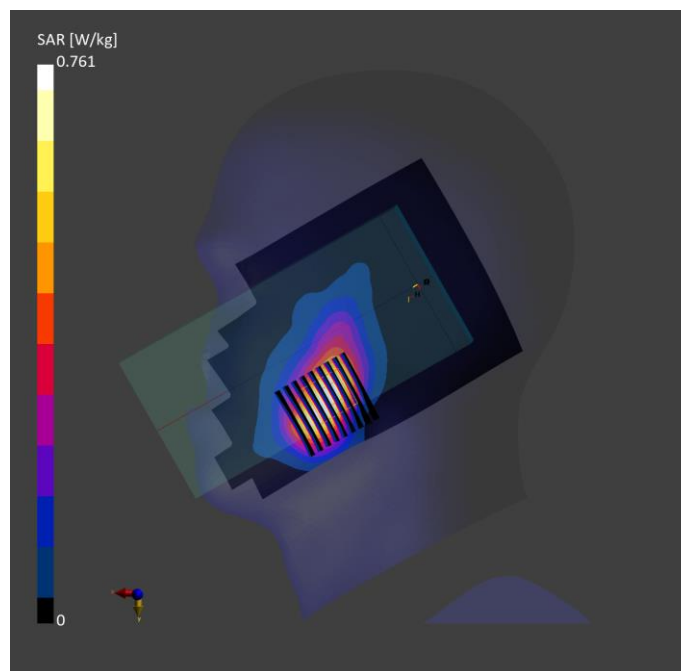
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.517	0.549
psSAR-10g [W/kg]	0.275	0.301
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.8
Dist 3dB Peak [mm]		10.6



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

111_NR Band n48_DFT-S QPSK40M_Left Cheek_Ch638000_1RB_Offset1_Ant 4_w/ RCV

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
LeftHead	Band n48	5G NR FR1 TDD, 10903 - AAD	3569.995, 638000	6.87	2.75	38.2

Hardware Setup

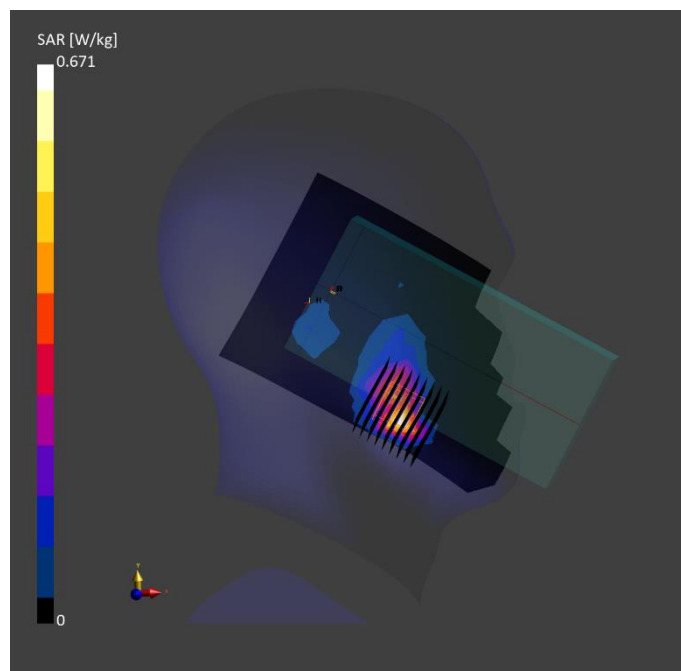
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.464	0.529
psSAR-10g [W/kg]	0.181	0.193
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.0
Dist 3dB Peak [mm]		5.9



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

112_NR Band n48_DFT-S QPSK40M_Right Cheek_Ch645332_1RB_Offset1_Ant 5_w/o RCV

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
RightHead	Band n48	5G NR FR1 TDD, 10903 - AAD	3679.975, 645332	6.8	2.85	38.0

Hardware Setup

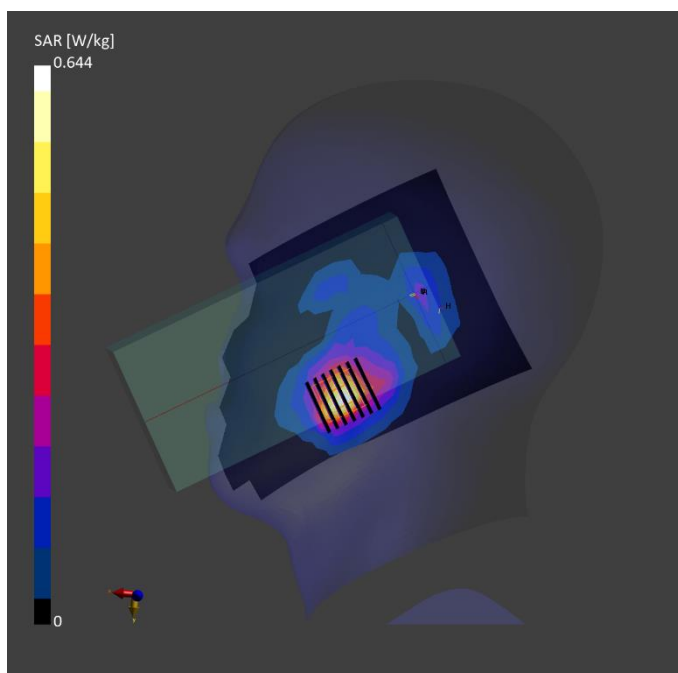
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.484	0.495
psSAR-10g [W/kg]	0.207	0.218
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.2
Dist 3dB Peak [mm]		11.5



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

113_NR Band n48_DFT-S QPSK40M_Left Cheek_Ch638000_1RB_Offset1_Ant 6_w/o RCV

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
LeftHead	Band n48	5G NR FR1 TDD, 10903 - AAD	3569.995, 638000	6.87	2.75	38.2

Hardware Setup

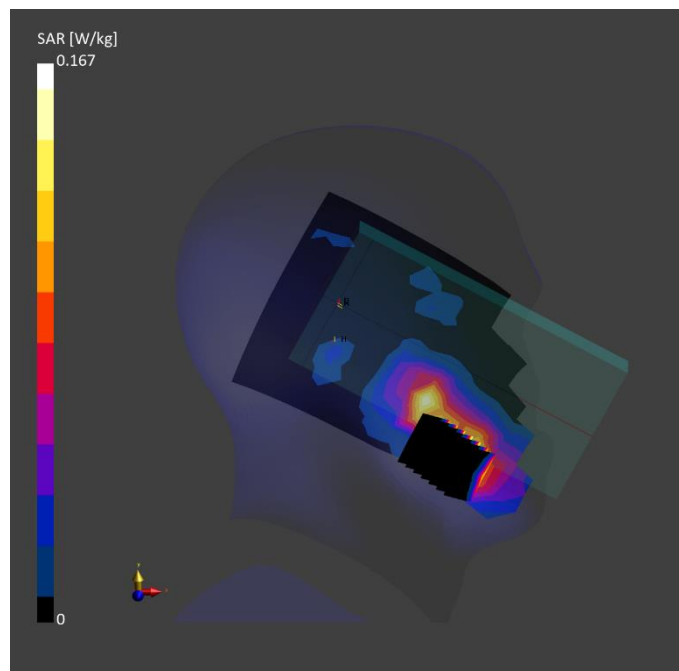
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.138	0.142
psSAR-10g [W/kg]	0.064	0.067
Power Drift [dB]		-0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.3
Dist 3dB Peak [mm]		13.3



Test Date : 2023-11-07 | Ambient Temp : 22.3 °C | Tissue Temp : 22.2 °C

Test Mode

114_NR Band n48_DFT-S QPSK40M_Right Cheek_Ch638000_1RB_Offset1_Ant 7_w/o RCV

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
RightHead	Band n48	5G NR FR1 TDD, 10903 - AAD	3569.995, 638000	6.87	2.75	38.2

Hardware Setup

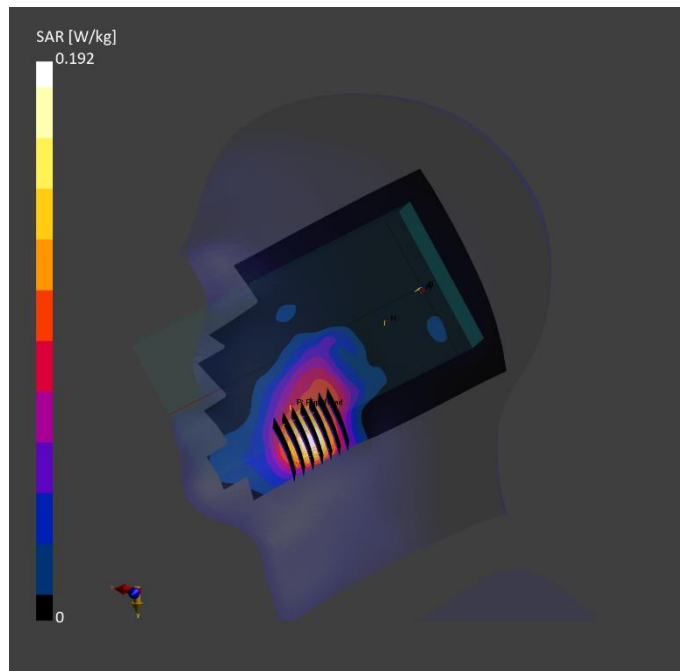
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.112	0.115
psSAR-10g [W/kg]	0.052	0.053
Power Drift [dB]		-0.14
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.4
Dist 3dB Peak [mm]		14.2



Test Date : 2023-10-27 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

Test Mode

115_NR Band n77_DFT-S QPSK100M_Left Cheek_Ch633334_1RB_Offset1_Ant 4_w/ RCV

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
LeftHead	Band n77	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.87	2.74	40.0

Hardware Setup

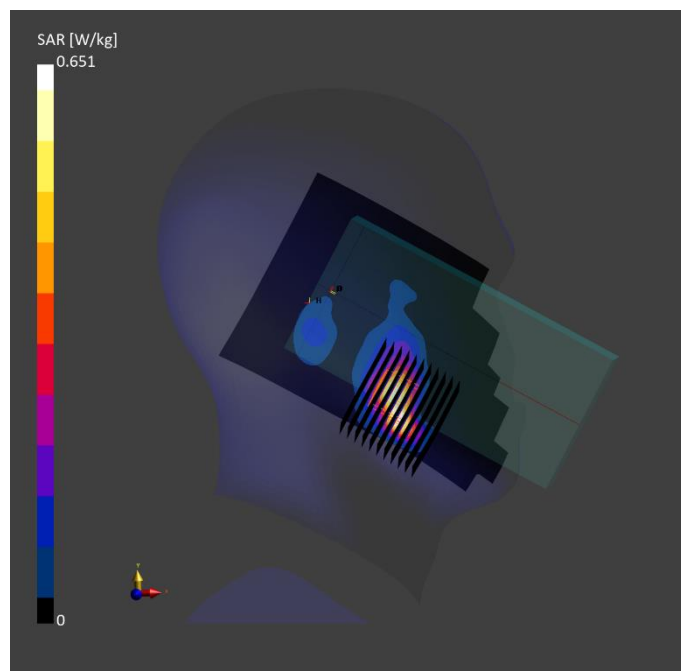
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.504	0.516
psSAR-10g [W/kg]	0.274	0.283
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.6
Dist 3dB Peak [mm]		6.4



Test Date : 2023-10-27 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

Test Mode

116_NR Band n77_DFT-S QPSK100M_Right Cheek_Ch633334_1RB_Offset1_Ant 5_w/o RCV

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
RightHead	Band n77	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.87	2.74	40.0

Hardware Setup

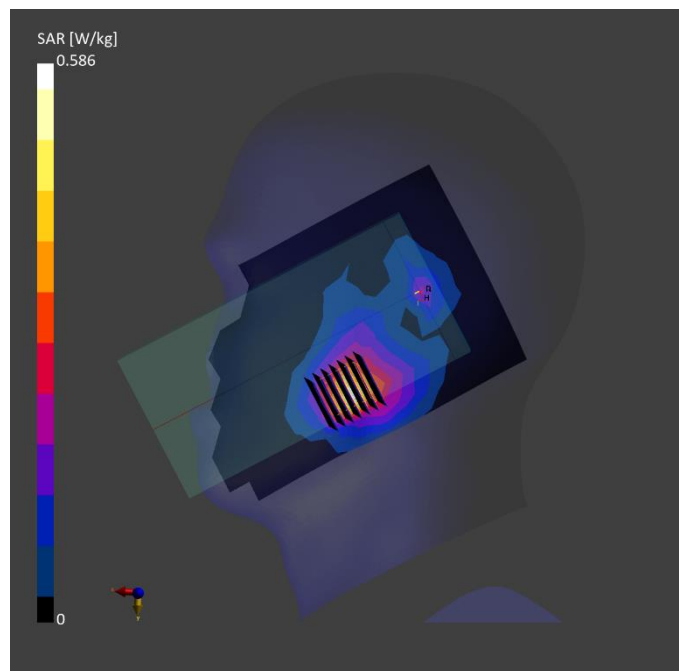
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.446	0.470
psSAR-10g [W/kg]	0.196	0.210
Power Drift [dB]		0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.1
Dist 3dB Peak [mm]		11.4



Test Date : 2023-10-27 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

Test Mode

117_NR Band n77_DFT-S QPSK100M_Left Cheek_Ch637430_1RB_Offset1_Ant 6_w/o RCV

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
LeftHead	Band n77	5G NR FR1 TDD, 10866 - AAF	3561.450, 637430	6.87	2.80	39.9

Hardware Setup

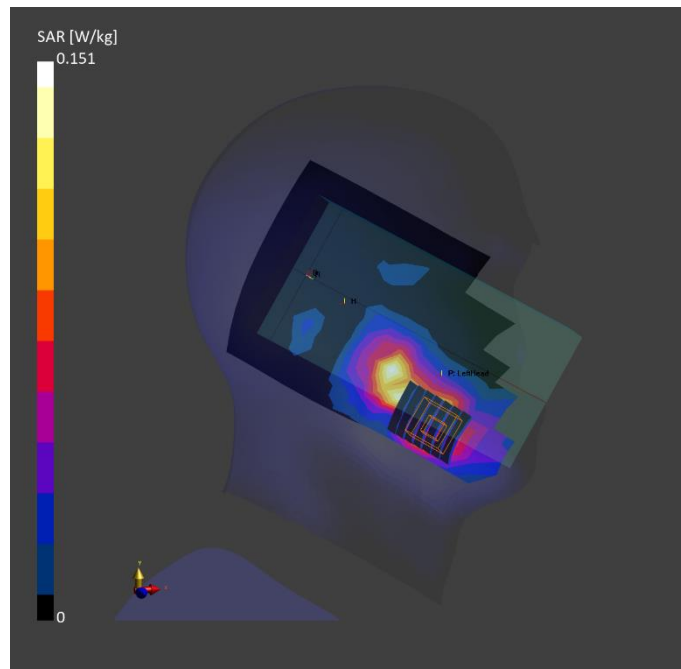
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.122	0.125
psSAR-10g [W/kg]	0.055	0.058
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		72.2
Dist 3dB Peak [mm]		13.6



Test Date : 2023-10-27 | Ambient Temp : 22.6 °C | Tissue Temp : 22.2 °C

Test Mode

118_NR Band n77_DFT-S QPSK100M_Right Cheek_Ch645619_1RB_Offset1_Ant 7_w/o RCV

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
RightHead	Band n77	5G NR FR1 TDD, 10866 - AAF	3684.285, 645619	6.8	2.92	39.7

Hardware Setup

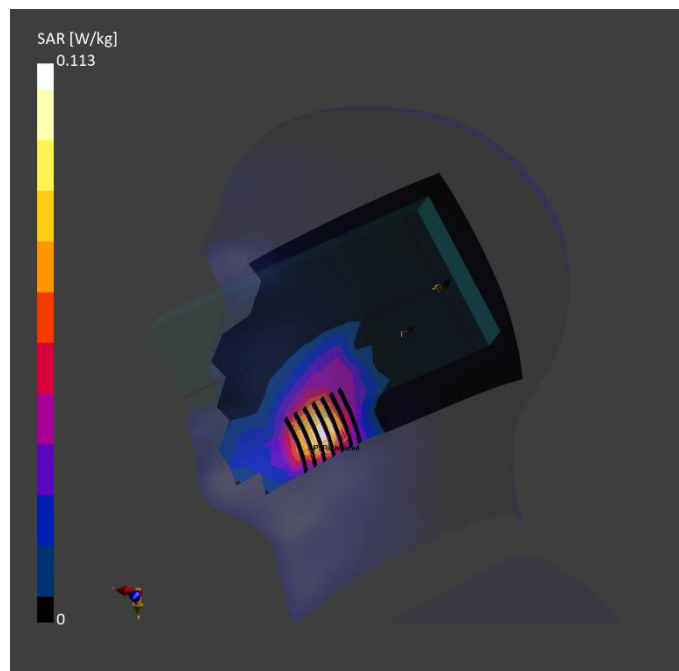
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.088	0.092
psSAR-10g [W/kg]	0.040	0.040
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.2
Dist 3dB Peak [mm]		12.8



Test Date : 2023-10-28 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

119_NR Band n78_DFT-S QPSK100M_Left Cheek_Ch633334_1RB_Offset1_Ant 4_w/ RCV

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
LeftHead	Band n78	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.87	2.77	39.7

Hardware Setup

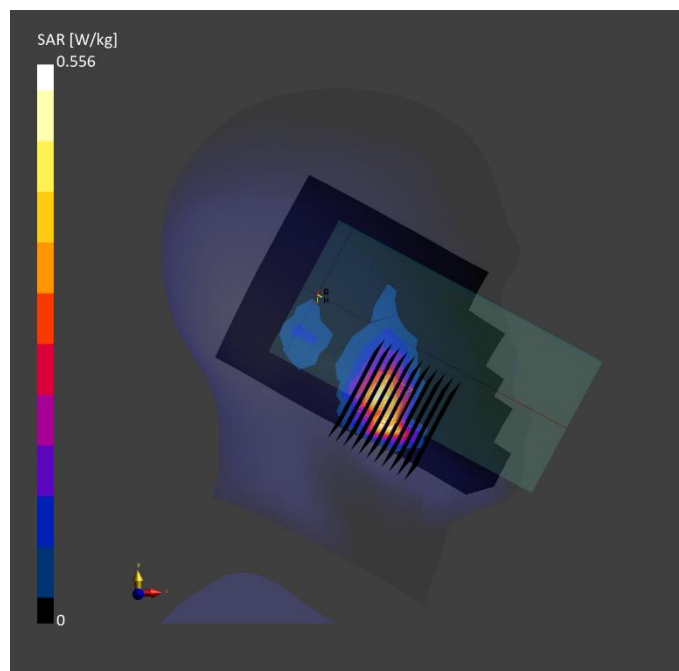
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.407	0.547
psSAR-10g [W/kg]	0.183	0.296
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.7
Dist 3dB Peak [mm]		6.3



Test Date : 2023-10-28 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

120_NR Band n78_DFT-S QPSK100M_Right Cheek_Ch633334_1RB_Offset1_Ant 5_w/o RCV

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
RightHead	Band n78	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.87	2.77	39.7

Hardware Setup

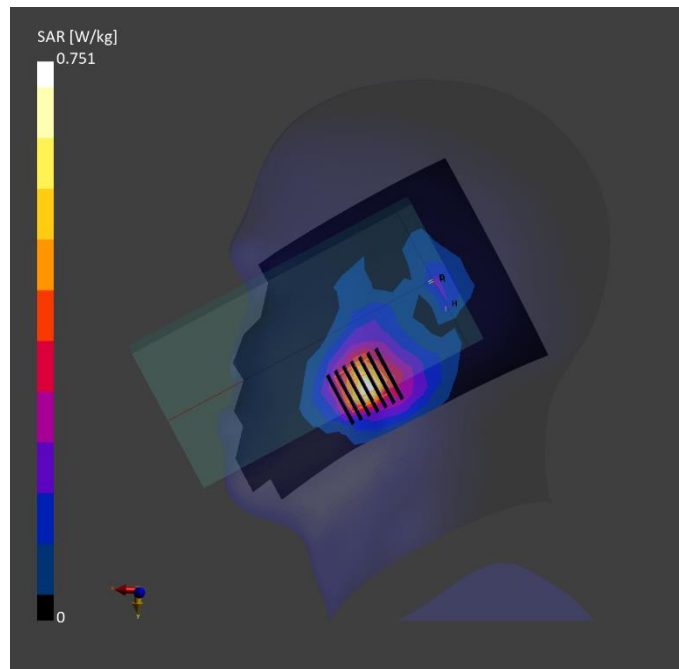
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.563	0.559
psSAR-10g [W/kg]	0.247	0.231
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.5
Dist 3dB Peak [mm]		11.5



Test Date : 2023-10-28 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

121_NR Band n78_DFT-S QPSK100M_Left Cheek_Ch637430_1RB_Offset1_Ant 6_w/o RCV

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
LeftHead	Band n78	5G NR FR1 TDD, 10866 - AAF	3561.450, 637430	6.87	2.83	39.6

Hardware Setup

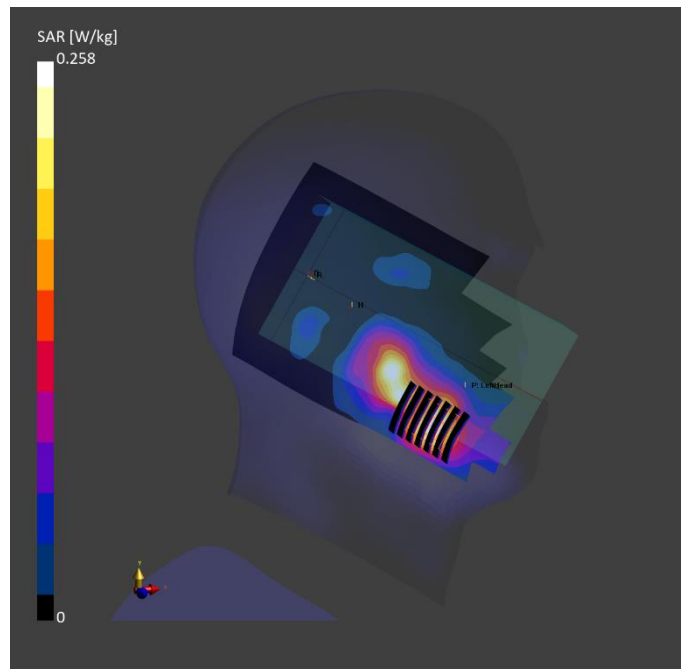
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.164	0.170
psSAR-10g [W/kg]	0.075	0.080
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.9
Dist 3dB Peak [mm]		13.6



Test Date : 2023-10-28 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

122_NR Band n78_DFT-S QPSK100M_Right Cheek_Ch633334_1RB_Offset1_Ant 7_w/o RCV

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
RightHead	Band n78	5G NR FR1 TDD, 10866 - AAF	3500.010, 633334	6.87	2.77	39.7

Hardware Setup

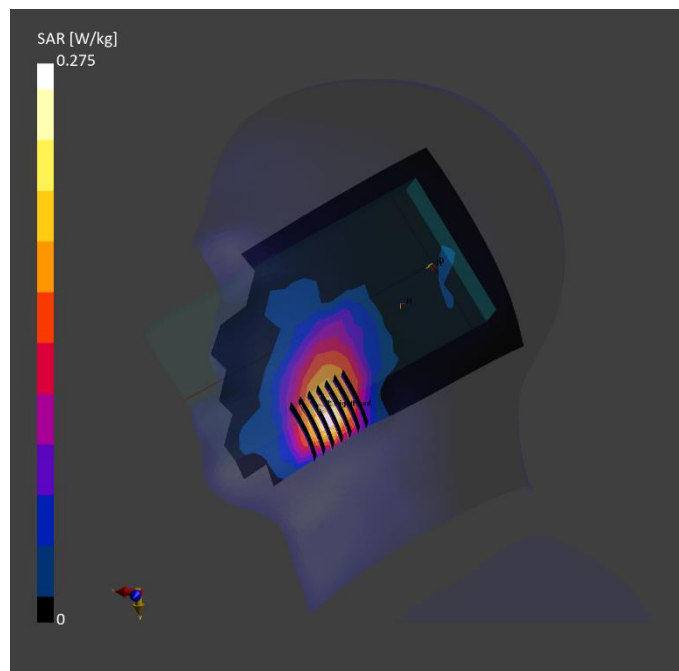
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

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]	0.213	0.225
psSAR-10g [W/kg]	0.100	0.109
Power Drift [dB]		-0.17
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.1
Dist 3dB Peak [mm]		15.0



Test Date : 2023-10-13 | Ambient Temp : 22.6 °C | Tissue Temp : 22.3 °C

Test Mode

119_WLAN 2.4G_802.11b_Right Cheek_Ch6_Ant 1

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
RightHead	WLAN 2.4GHz	WLAN, 10012 - CAB	2437.000, 6	7.7	1.87	40.8

Hardware Setup

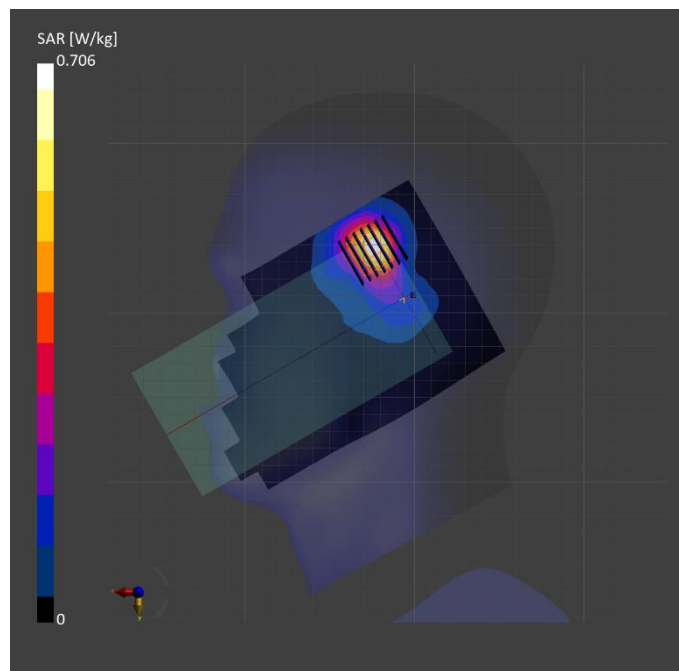
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.294	0.398
psSAR-10g [W/kg]	0.145	0.189
Power Drift [dB]		0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.4
Dist 3dB Peak [mm]		10.6



Test Date : 2023-10-13 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

120_WLAN 5.3G_802.11n HT40_Left Cheek_Ch54_Ant 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	TSL Conductivity [S/m]	TSL Permittivity
LeftHead	WLAN 5GHz	WLAN, 10599 - AAC	5270.000, 54	5.91	4.63	35.8

Hardware Setup

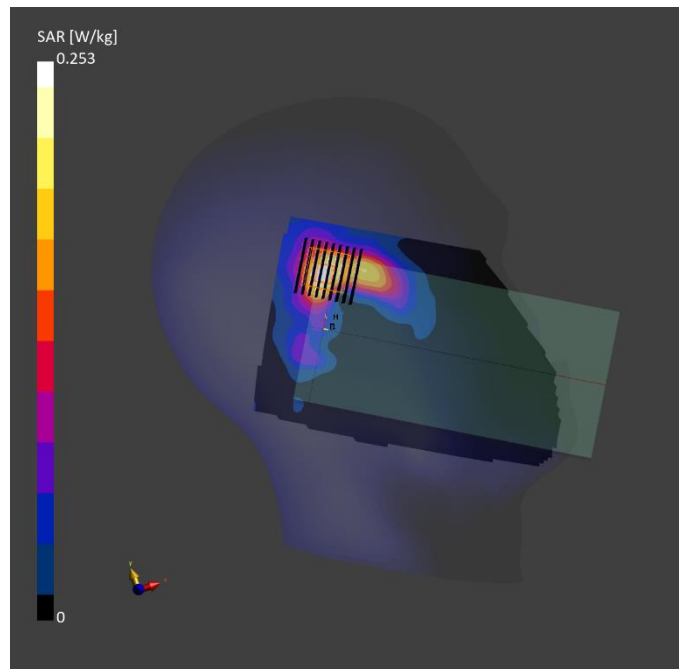
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000_230322	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.223	0.110
psSAR-10g [W/kg]	0.086	0.038
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.4
Dist 3dB Peak [mm]		6.9



Test Date : 2023-10-13 | Ambient Temp : 22.6 °C | Tissue Temp : 22.3 °C

Test Mode

122_WLAN 5.6G_802.11ac VHT80_Left Cheek_Ch138_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	TSL Conductivity [S/m]	TSL Permittivity
LeftHead	WLAN 5GHz	WLAN, 10544 - AAC	5690.000, 138	4.57	4.9	35.5

Hardware Setup

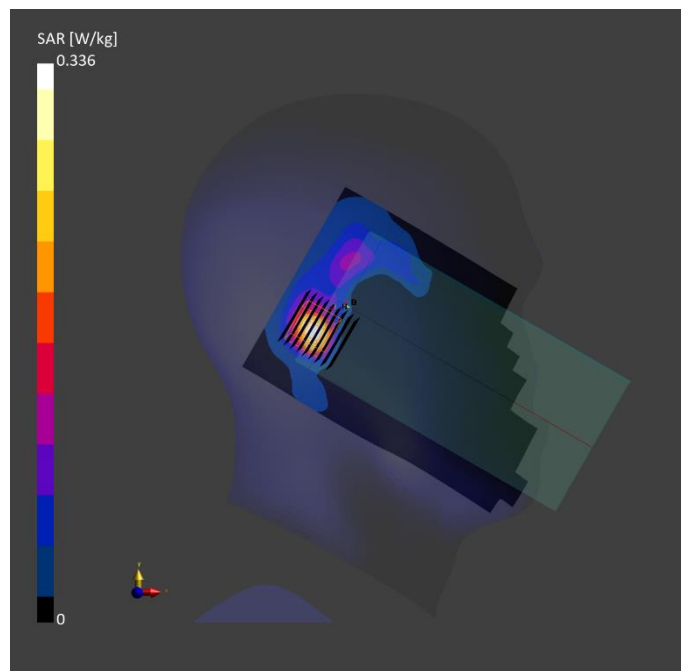
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	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]	0.308	0.299
psSAR-10g [W/kg]	0.110	0.093
Power Drift [dB]		0.16
TSL Correction	Positive only	Positive only
M2 / M1 [%]		70.0
Dist 3dB Peak [mm]		8.0



Test Date : 2023-10-13 | Ambient Temp : 22.6 °C | Tissue Temp : 22.3 °C

Test Mode

123_WLAN 5.8G_802.11ac VHT160_Left Cheek_Ch163_Ant 1

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
LeftHead	WLAN 5GHz	WLAN, 10554 - AAD	5815.000, 163	4.62	5.03	35.3

Hardware Setup

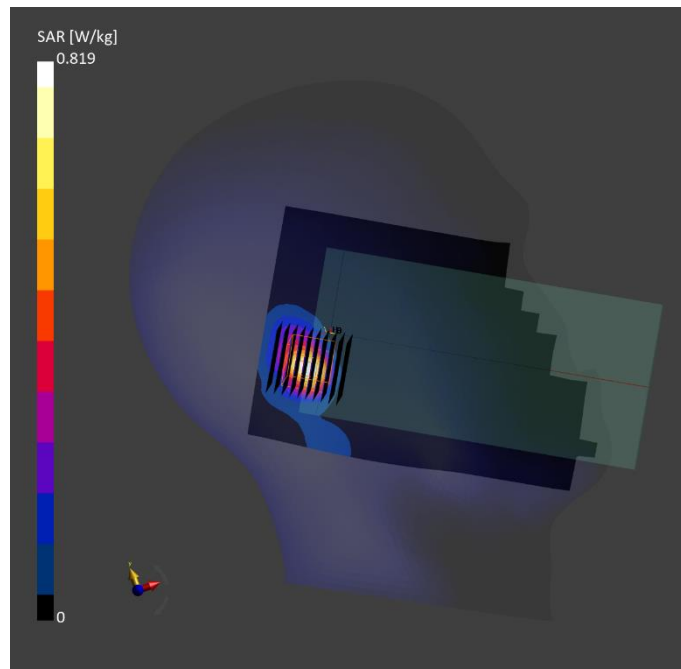
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.371	0.379
psSAR-10g [W/kg]	0.130	0.133
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.5
Dist 3dB Peak [mm]		8.6



Test Date : 2023-10-13 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

124_Bluetooth_BDR_EDR_Left Cheek_Ch39_Ant 1

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
LeftHead	ISM 2.4 GHz Band	Bluetooth, 10030 - CAA	2441.000, 39	8.2	1.83	40.5

Hardware Setup

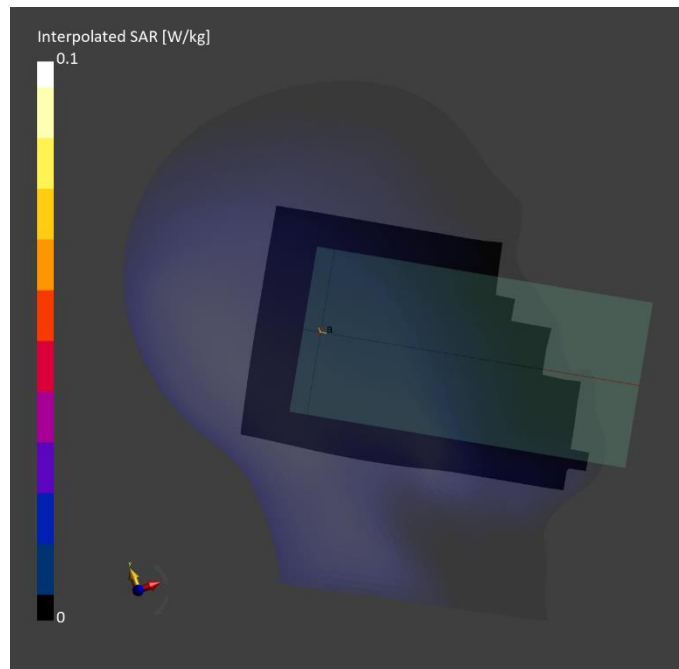
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000_230322	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	x x
Grid Steps [mm]	12.0 x 10.0	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 : 2023-10-13 | Ambient Temp : 22.5 °C | Tissue Temp : 22.2 °C

Test Mode

125_Bluetooth_BDR_EDR_Left Cheek_Ch39_Ant 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	TSL Conductivity [S/m]	TSL Permittivity
LeftHead	ISM 2.4 GHz Band	Bluetooth, 10030 - CAA	2441.000, 39	8.2	1.83	40.5

Hardware Setup

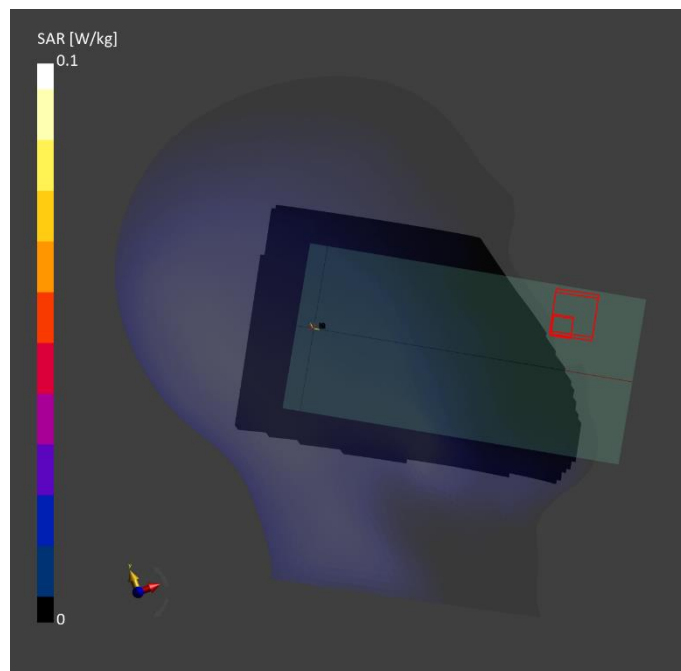
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000_230322	EX3DV4 - SN7650 / 2023-05-22	DAE4 Sn1741 / 2023-08-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	x x
Grid Steps [mm]	12.0 x 10.0	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 : 22.3 °C | Tissue Temp : 22.1 °C

Test Mode

126_UNII-5_802.11ax HE160_Left Cheek_Ch79_Ant 1

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
LeftHead	U-NII-5	WLAN, 10755 - AAC	6345.000, 79	4.43	5.81	34.5

Hardware Setup

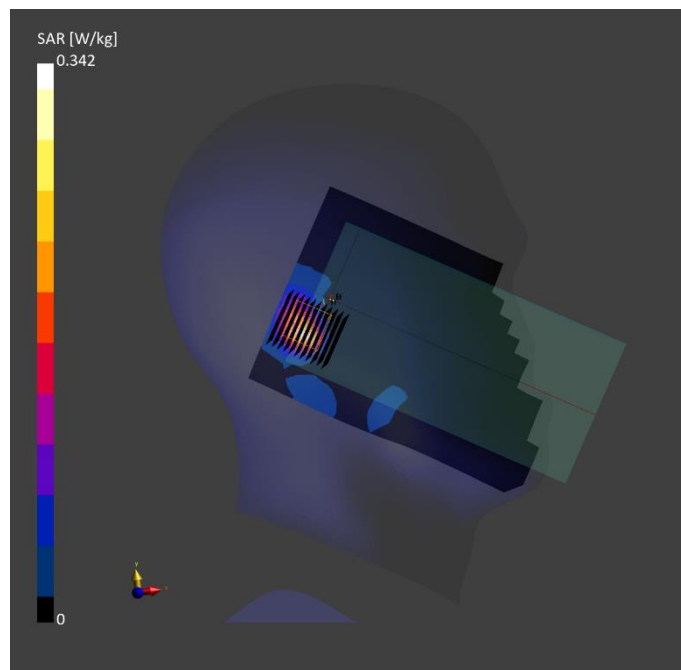
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7757 / 2023-08-22	DAE4 Sn1669 / 2023-05-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.252	0.256
psSAR-10g [W/kg]	0.081	0.087
psAPD (1.0 cm ² , sq) [W/m ²]		2.56
psAPD (4.0 cm ² , sq) [W/m ²]		1.94
Power Drift [dB]		0.18
TSL Correction	Positive only	Positive only
M2 / M1 [%]		68.6
Dist 3dB Peak [mm]		6.7



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

Test Mode

127_UNII-5_802.11ax HE160_Left Cheek_Ch79_Ant 1

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

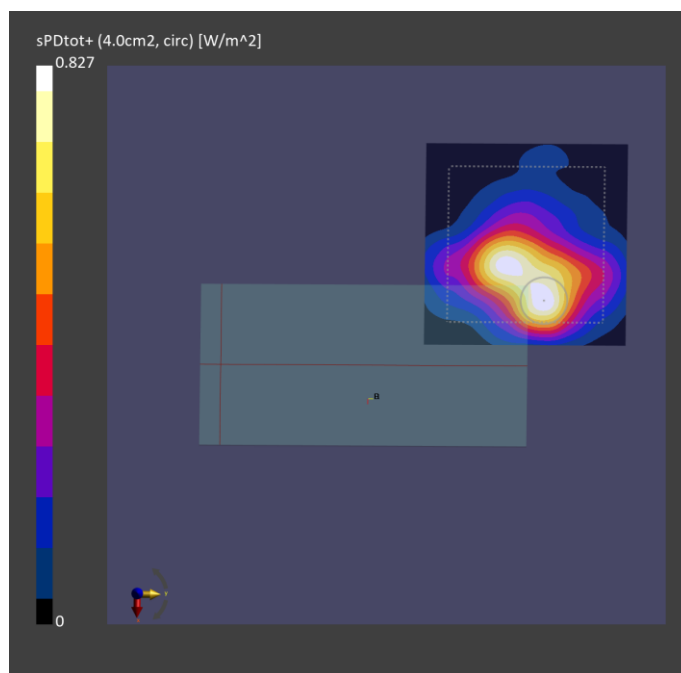
Phantom	Medium	Probe / Calibration Date	DAE / Calibration Date
mmWave - 1102	Air	EUmmWV3 - SN9403_F1-55GHz / 2022-12-07	DAE4 Sn1669 / 2023-05-23

Scan Setup

	5G Scan
Grid Extents [mm]	95.0 x 95.0
Grid Steps [mm]	0.0529 x 0.0529
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	0.725
psPD tot+ [W/m ²]	0.827
psPD mod+ [W/m ²]	1.02
E max [V/m]	26.4
Power Drift [dB]	0.11



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

Test Mode

86_GSM850_GPRS12_Rear Face_5mm_Ch251_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	GSM 850	GSM, 10028 - DAC	848.800, 251	9.67	0.972	43.0

Hardware Setup

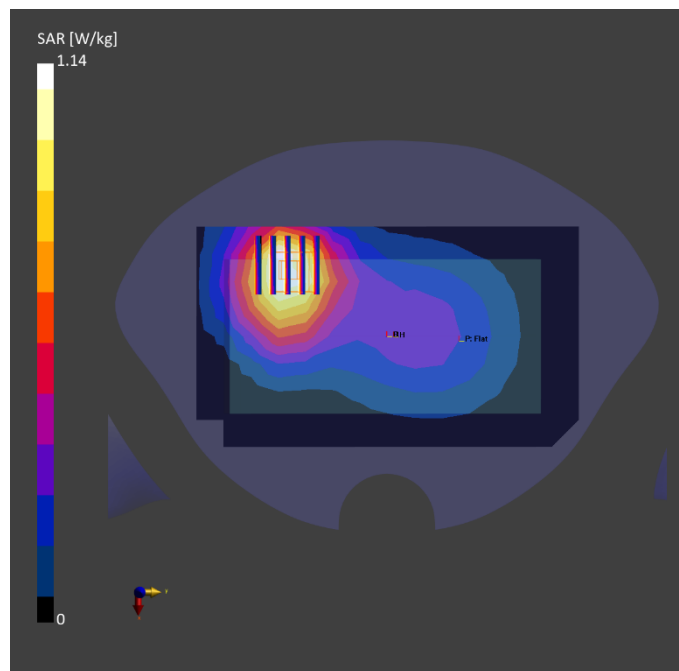
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.876	0.871
psSAR-10g [W/kg]	0.467	0.473
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only
M2 / M1 [%]		61.9
Dist 3dB Peak [mm]		19.6



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

Test Mode

87_GSM850_GPRS12_Front Face_5mm_Ch251_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	GSM 850	GSM, 10028 - DAC	848.800, 251	9.67	0.972	43.0

Hardware Setup

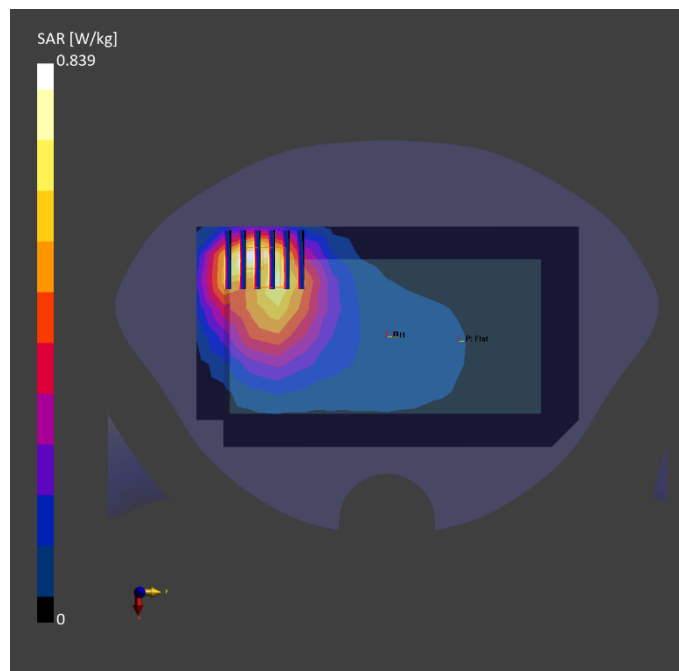
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.707	0.704
psSAR-10g [W/kg]	0.456	0.417
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		51.8
Dist 3dB Peak [mm]		12.8



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

Test Mode

88_GSM1900_GPRS10_Rear Face_5mm_Ch810_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	PCS 1900	GSM, 10024 - DAC	1909.800, 810	8.25	1.48	41.1

Hardware Setup

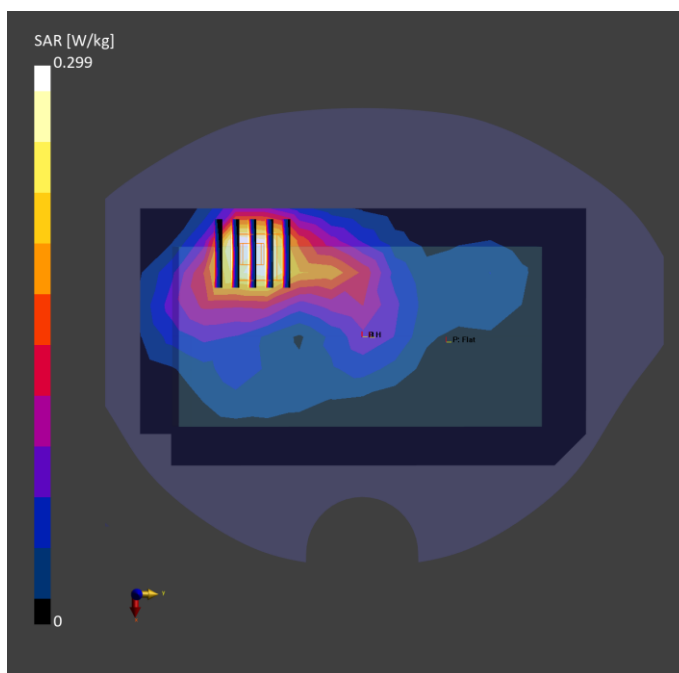
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.279	0.297
psSAR-10g [W/kg]	0.164	0.168
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.4
Dist 3dB Peak [mm]		15.8



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

Test Mode

89_GSM1900_GPRS10_Front Face_5mm_Ch512_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	PCS 1900	GSM, 10024 - DAC	1850.200, 512	8.25	1.44	41.2

Hardware Setup

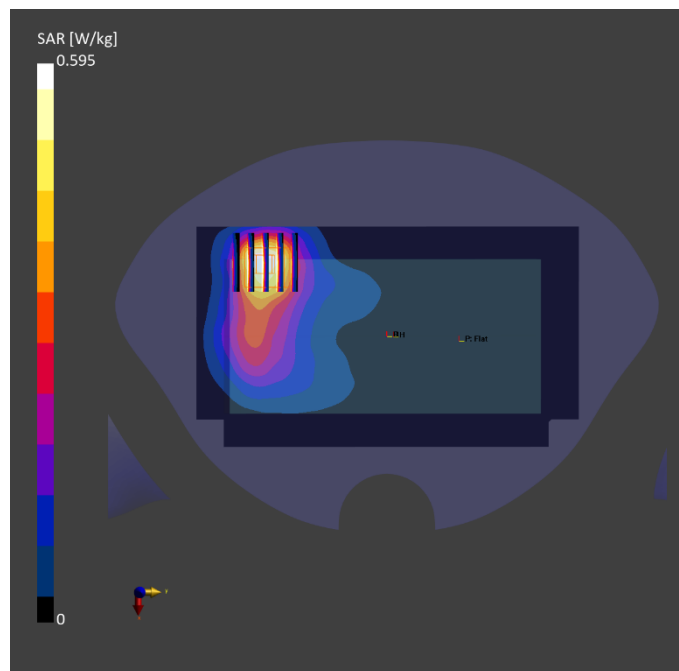
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.510	0.578
psSAR-10g [W/kg]	0.249	0.278
Power Drift [dB]		0.11
TSL Correction	Positive only	Positive only
M2 / M1 [%]		59.4
Dist 3dB Peak [mm]		11.7



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

Test Mode

90_GSM1900_GPRS10_Rear Face_5mm_Ch661_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	PCS 1900	GSM, 10024 - DAC	1880.000, 661	8.25	1.46	41.1

Hardware Setup

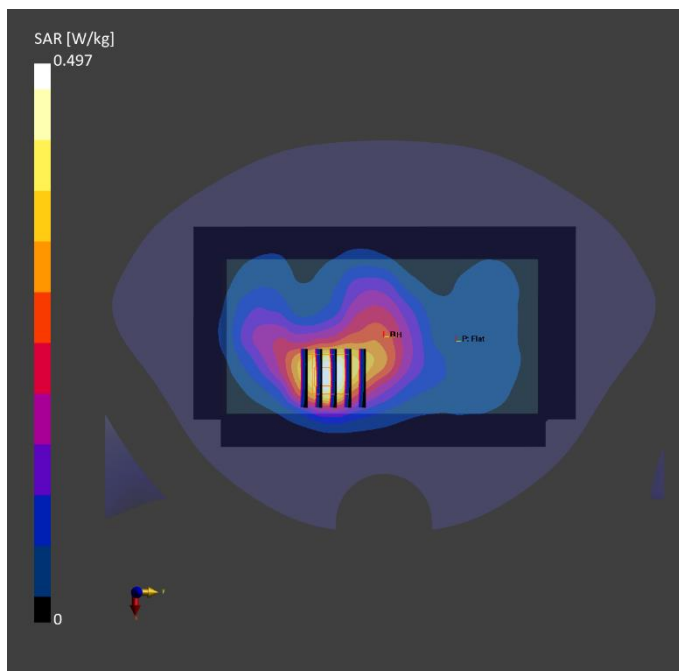
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.307	0.339
psSAR-10g [W/kg]	0.179	0.189
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		55.3
Dist 3dB Peak [mm]		15.1



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

Test Mode

91_GSM1900_GPRS12_Rear Face_5mm_Ch512_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	PCS 1900	GSM, 10028 - DAC	1850.200, 512	8.25	1.44	41.2

Hardware Setup

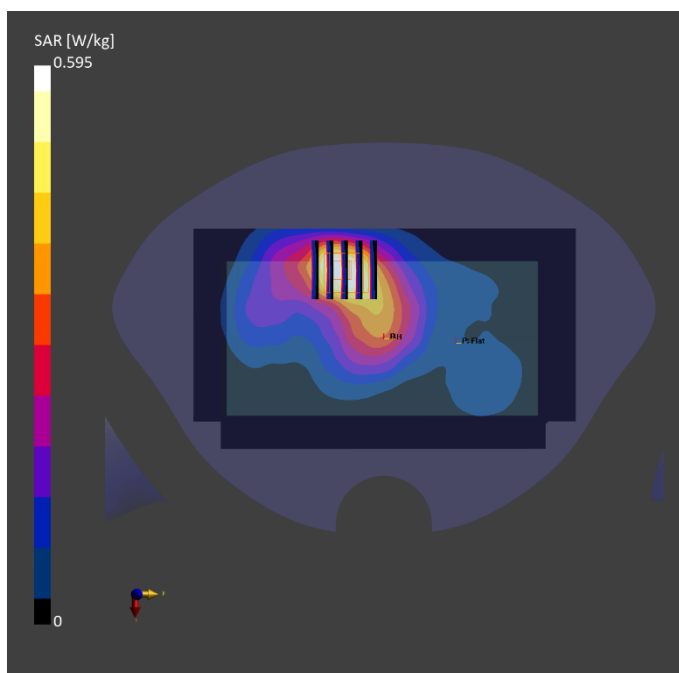
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.353	0.393
psSAR-10g [W/kg]	0.210	0.218
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		54.3
Dist 3dB Peak [mm]		14.4



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

Test Mode

92_WCDMA Band II_RMC12.2K_Rear Face_5mm_Ch9400_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 2	WCDMA, 10011 - CAB	1880.000, 9400	8.25	1.42	40.8

Hardware Setup

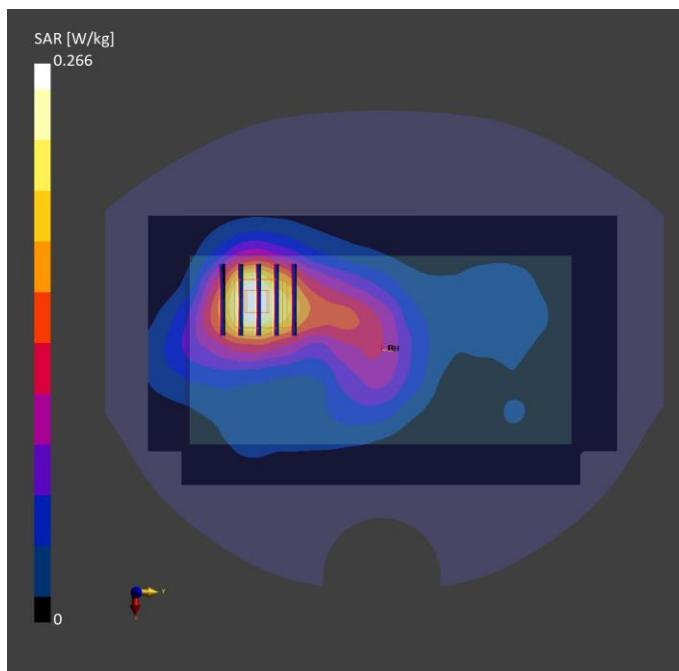
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.393	0.416
psSAR-10g [W/kg]	0.228	0.230
Power Drift [dB]		-0.06
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.6
Dist 3dB Peak [mm]		18.3



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

Test Mode

93_WCDMA Band II_RMC12.2K_Front Face_5mm_Ch9262_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 2	WCDMA, 10011 - CAB	1852.400, 9262	8.25	1.40	40.9

Hardware Setup

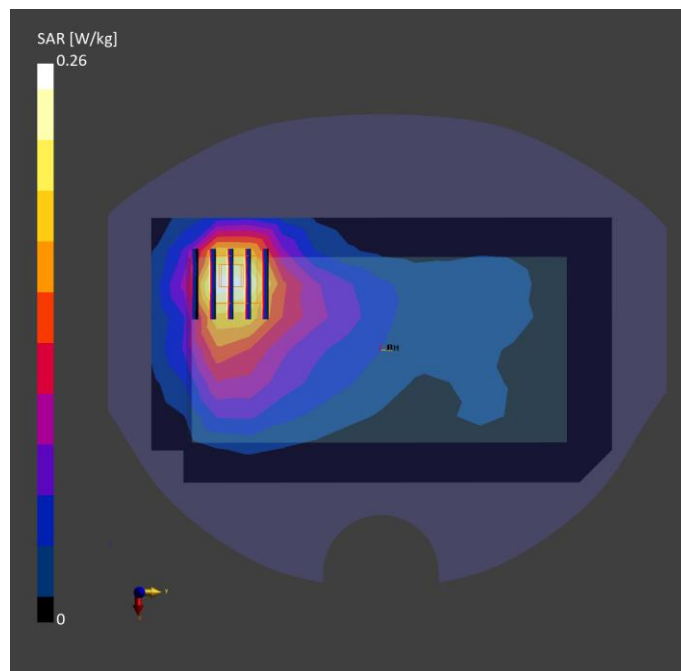
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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	0.348
psSAR-10g [W/kg]	0.135	0.196
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		67.2
Dist 3dB Peak [mm]		13.6



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

Test Mode

94_WCDMA Band II_RMC12.2K_Rear Face_5mm_Ch9400_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 2	WCDMA, 10011 - CAB	1880.000, 9400	8.25	1.42	40.8

Hardware Setup

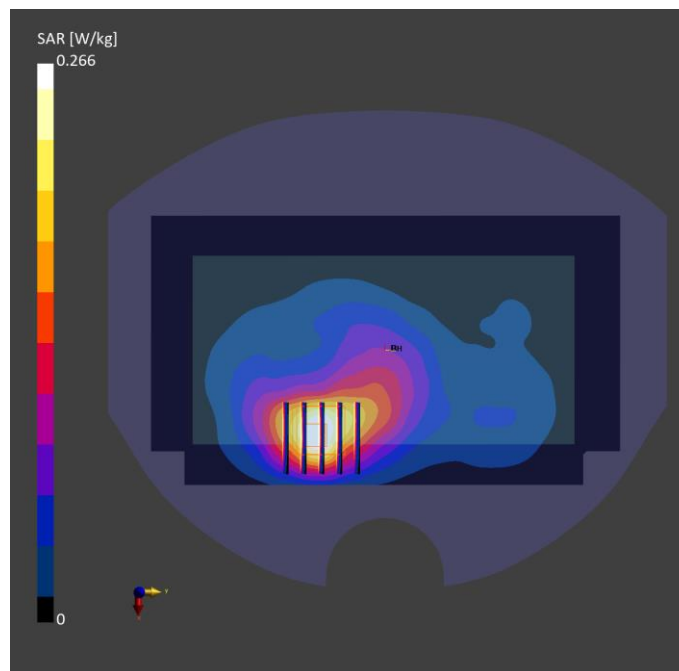
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.296	0.476
psSAR-10g [W/kg]	0.171	0.181
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only
M2 / M1 [%]		69.8
Dist 3dB Peak [mm]		14.4



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

Test Mode

95_WCDMA Band II_RMC12.2K_Rear Face_5mm_Ch9400_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 2	WCDMA, 10011 - CAB	1880.000, 9400	8.25	1.42	40.8

Hardware Setup

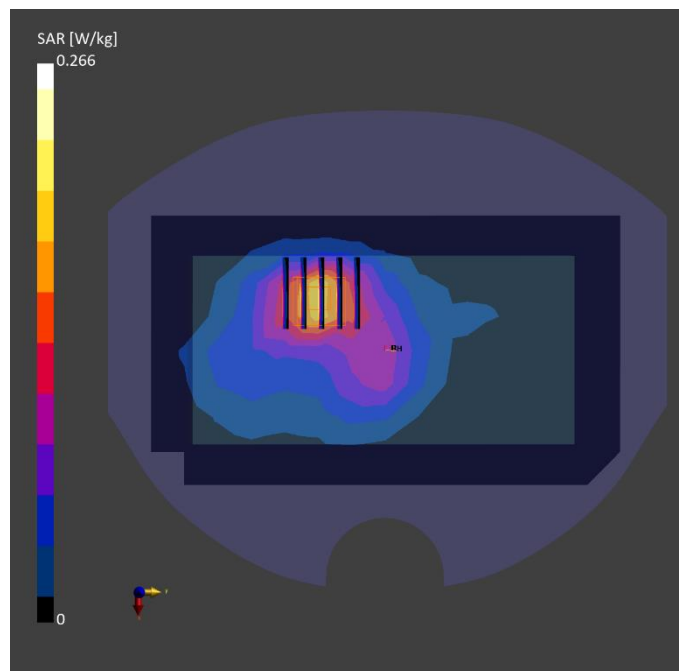
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.178	0.197
psSAR-10g [W/kg]	0.102	0.107
Power Drift [dB]		-0.07
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.4
Dist 3dB Peak [mm]		12.8



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

Test Mode

96_WCDMA Band IV_RMC12.2K_Rear Face_5mm_Ch1413_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 4	WCDMA, 10011 - CAB	1732.600, 1413	8.68	1.39	41.8

Hardware Setup

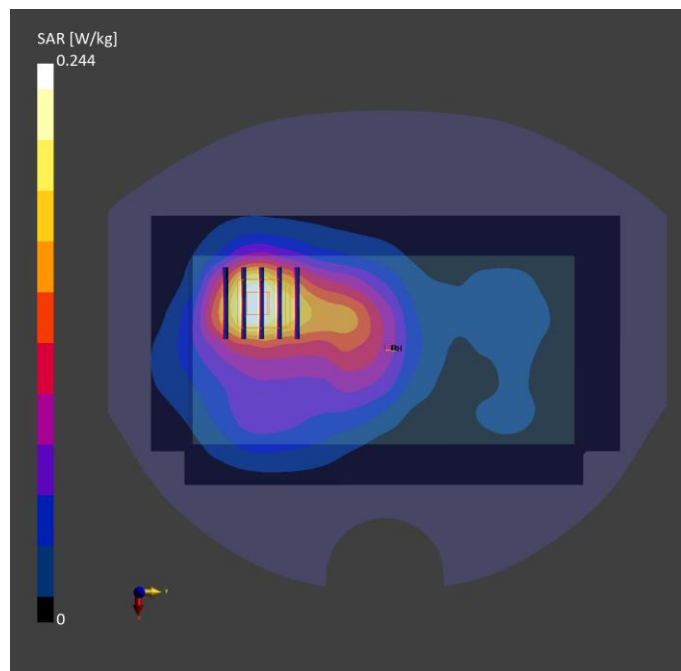
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.234	0.348
psSAR-10g [W/kg]	0.139	0.143
Power Drift [dB]		-0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.7
Dist 3dB Peak [mm]		17.1



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

Test Mode

97_WCDMA Band IV_RMC12.2K_Front Face_5mm_Ch1413_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 4	WCDMA, 10011 - CAB	1732.600, 1413	8.68	1.39	41.8

Hardware Setup

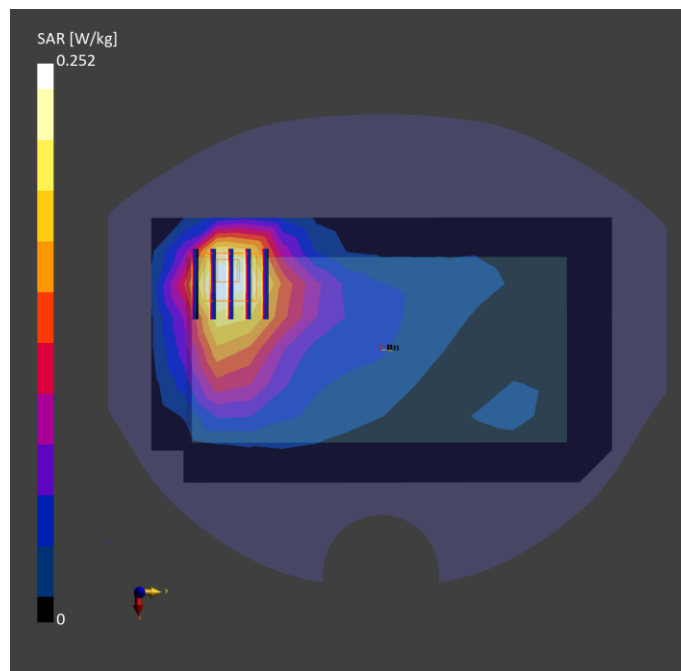
Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2101	HBBL-600-10000	EX3DV4 - SN7756 / 2023-08-24	DAE4 Sn1742 / 2023-08-17

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]	0.334	0.355
psSAR-10g [W/kg]	0.142	0.154
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		66.3
Dist 3dB Peak [mm]		14.8



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

Test Mode

98_WCDMA Band IV_RMC12.2K_Rear Face_5mm_Ch1413_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 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]	0.354	0.376
psSAR-10g [W/kg]	0.148	0.152
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		65.2
Dist 3dB Peak [mm]		13.7

