



System Performance Check Data (5400MHz)

Type: Phone measurement (Complete)

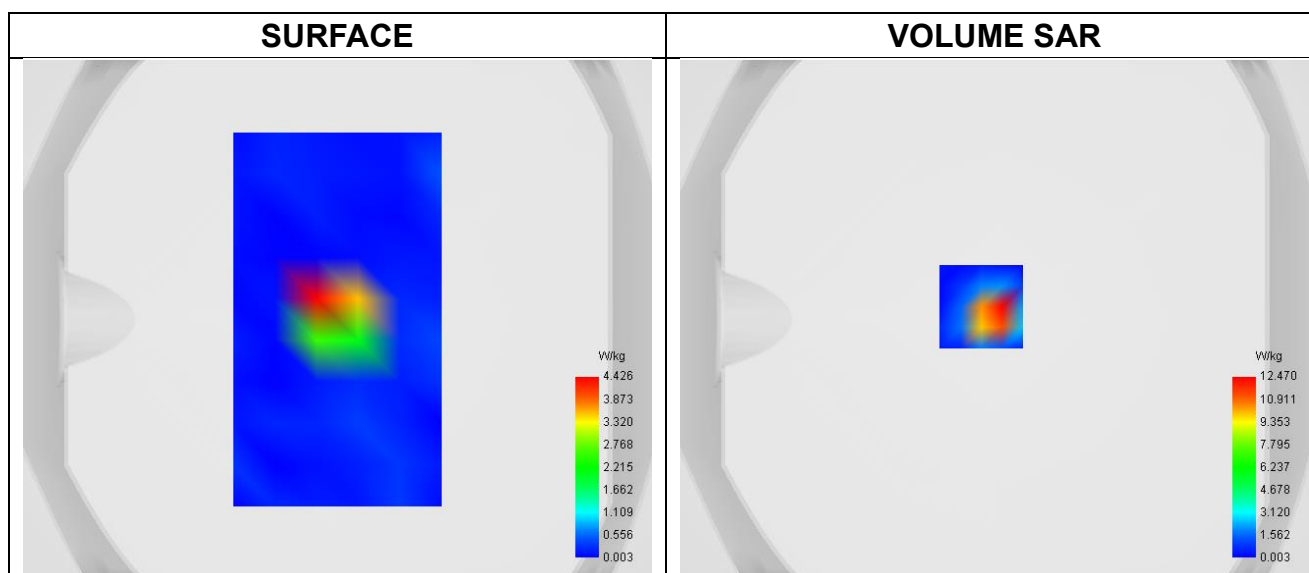
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-03-19

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Channels	Middle
Signal	CW
Frequency (MHz)	5400.000
Relative permittivity	36.94
Conductivity (S/m)	4.83
Probe	SN 04/22 EPG0364
ConvF	1.85
Crest factor:	1:1

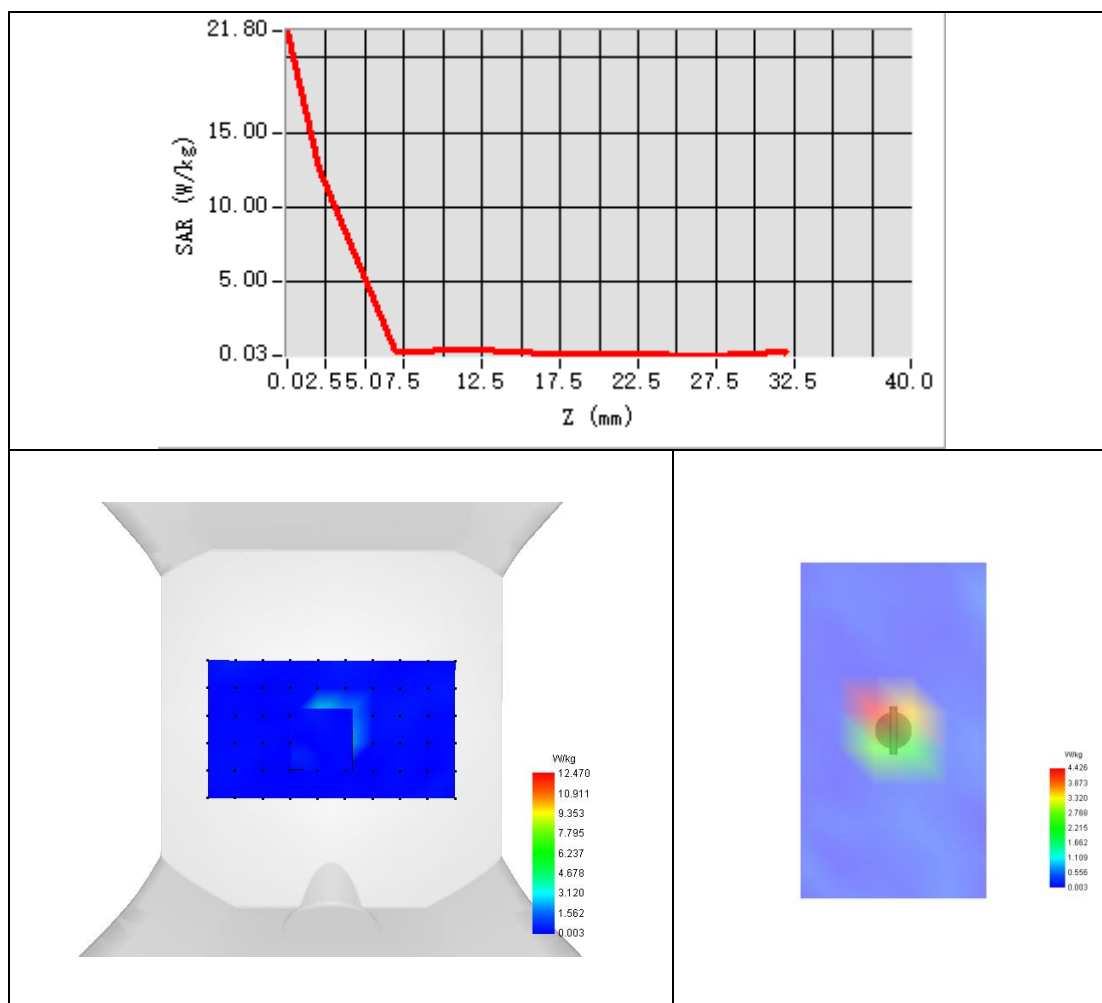


Maximum location: X=6.00, Y=5.00 ; SAR Peak: 25.72 W/kg

SAR 10g (W/Kg)	2.143
SAR 1g (W/Kg)	8.633



Z Axis Scan





System Performance Check Data (5600MHz)

Type: Phone measurement (Complete)

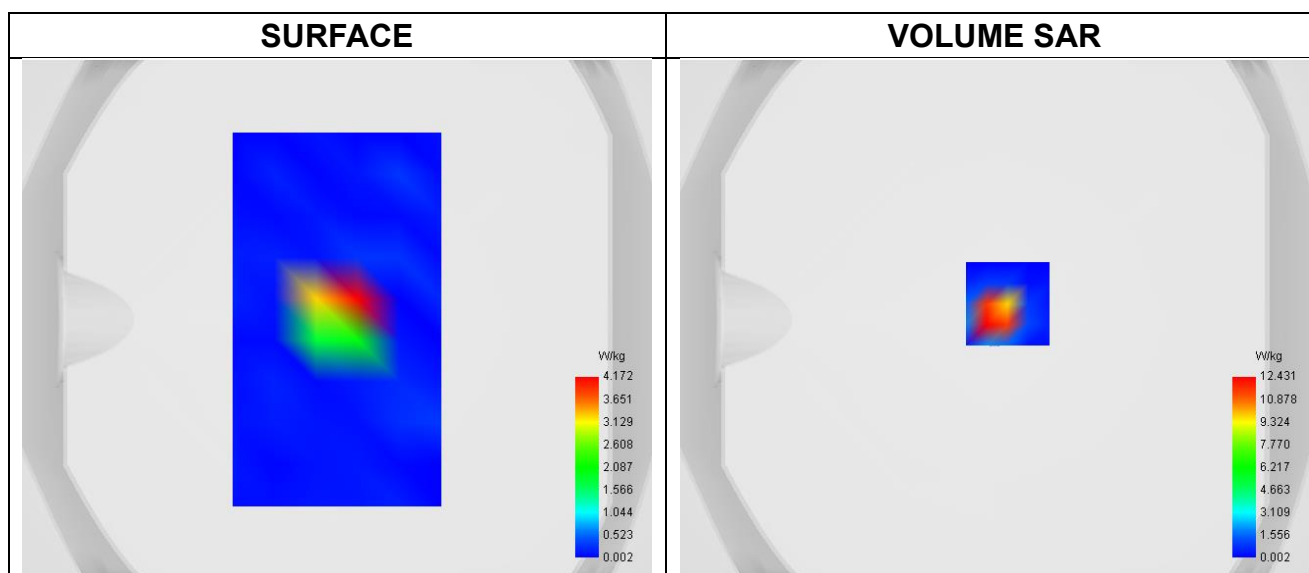
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-03-03

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Channels	Middle
Signal	CW
Frequency (MHz)	5600.000
Relative permittivity	36.51
Conductivity (S/m)	5.06
Probe	SN 04/22 EPGO364
ConvF	1.86
Crest factor:	1:1

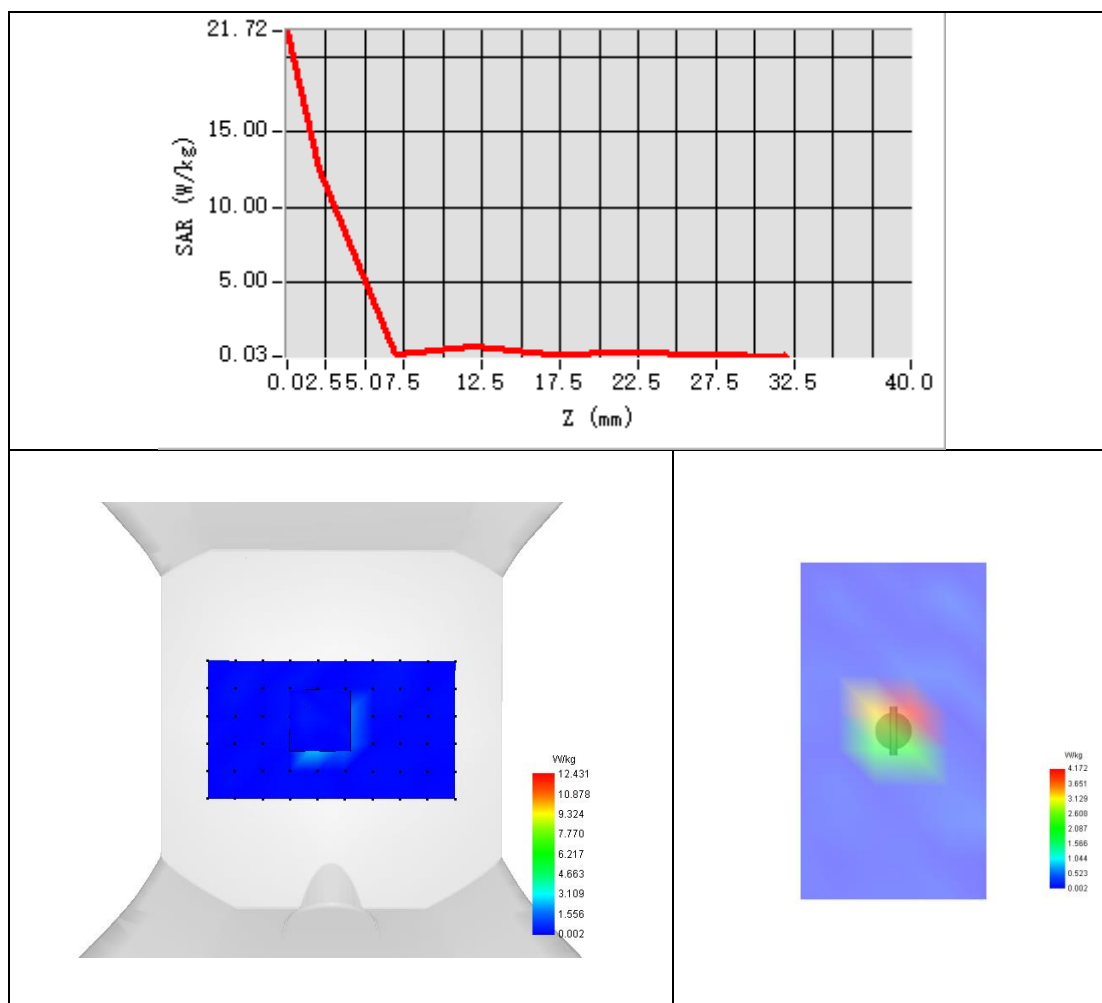


Maximum location: X=-5.00, Y=5.00 ; SAR Peak: 25.45 W/kg

SAR 10g (W/Kg)	2.194
SAR 1g (W/Kg)	8.153



Z Axis Scan





System Performance Check Data (5800MHz)

Type: Phone measurement (Complete)

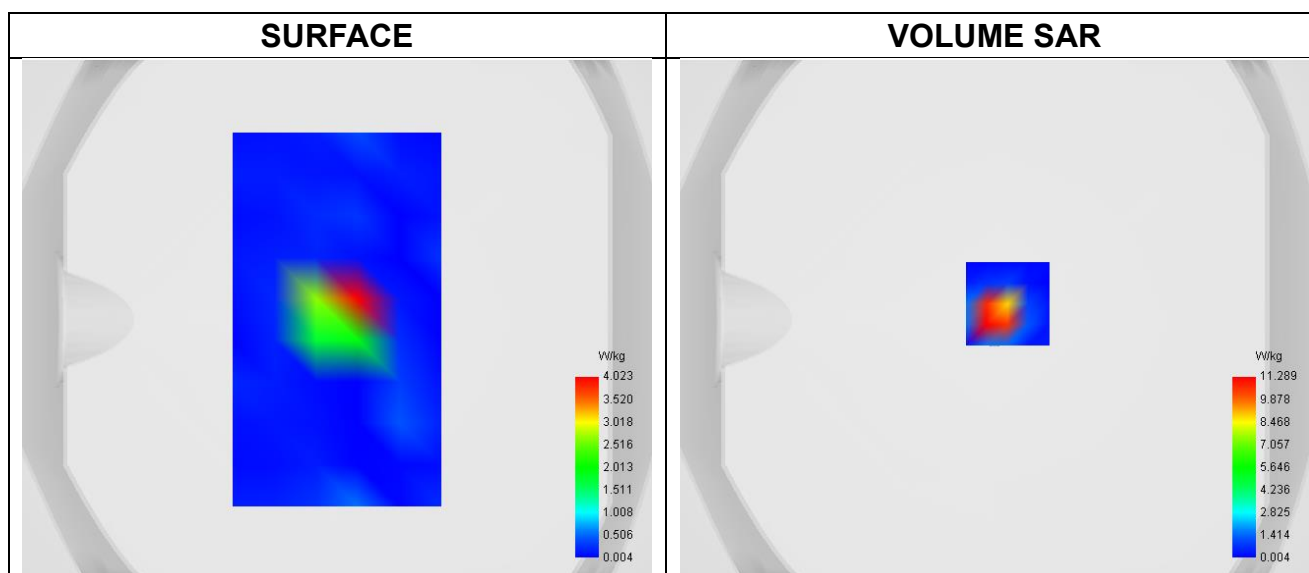
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2023-03-18

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels	Middle
Signal	CW
Frequency (MHz)	5800.000
Relative permittivity	36.04
Conductivity (S/m)	5.22
Probe	SN 04/22 EPG0364
ConvF	1.73
Crest factor:	1:1

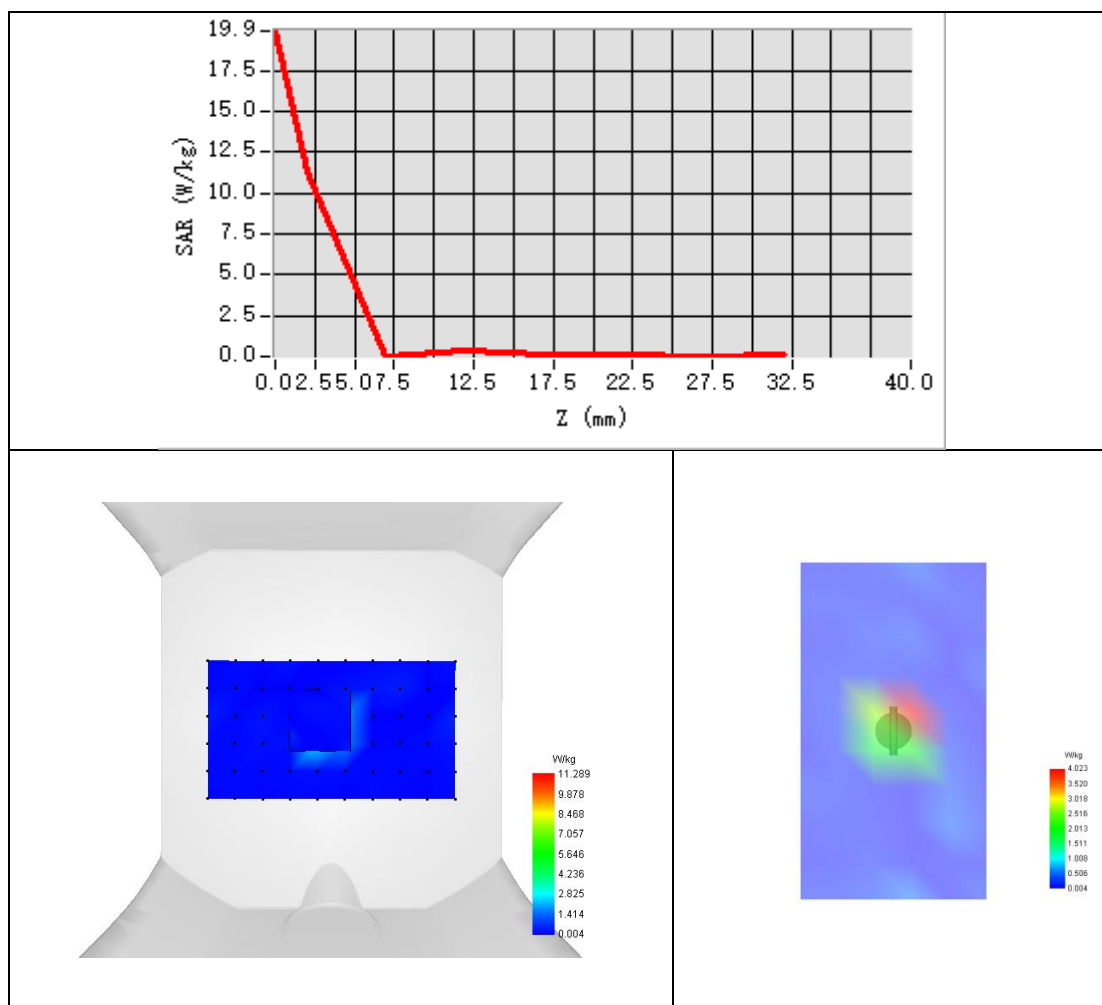


Maximum location: X=5.00, Y=6.00 ; SAR Peak: 25.18 W/kg

SAR 10g (W/Kg)	2.038
SAR 1g (W/Kg)	8.137



Z Axis Scan



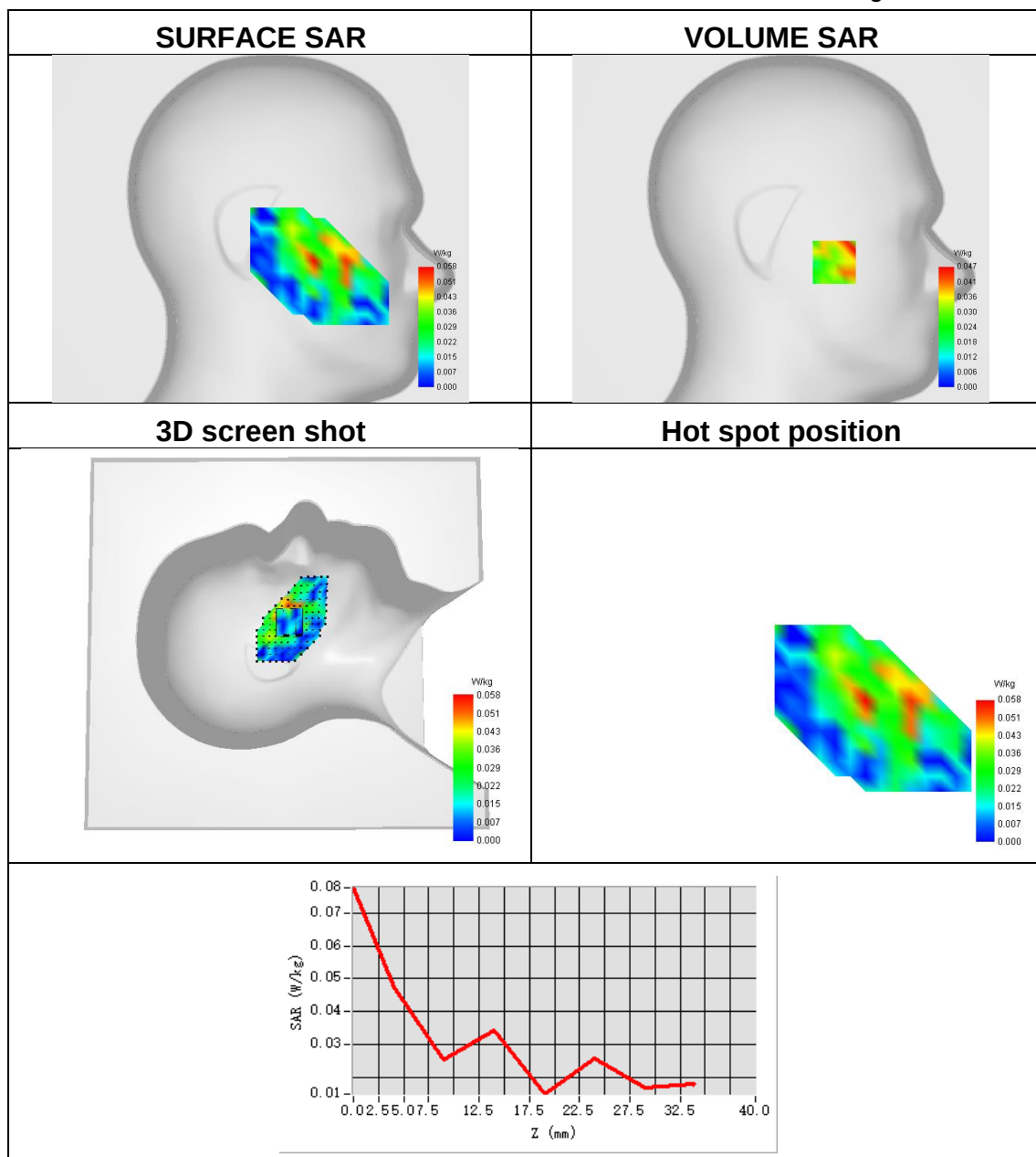


Appendix B. SAR Test Plots

Plot 1:

Test Date	2023-03-16
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	GSM850
Signal	TDMA (GSM)
Frequency	836.6
SAR 10g (W/Kg)	0.030
SAR 1g (W/Kg)	0.043

Maximum location: X=-40.00, Y=-25.00 ; SAR Peak: 0.08 W/kg

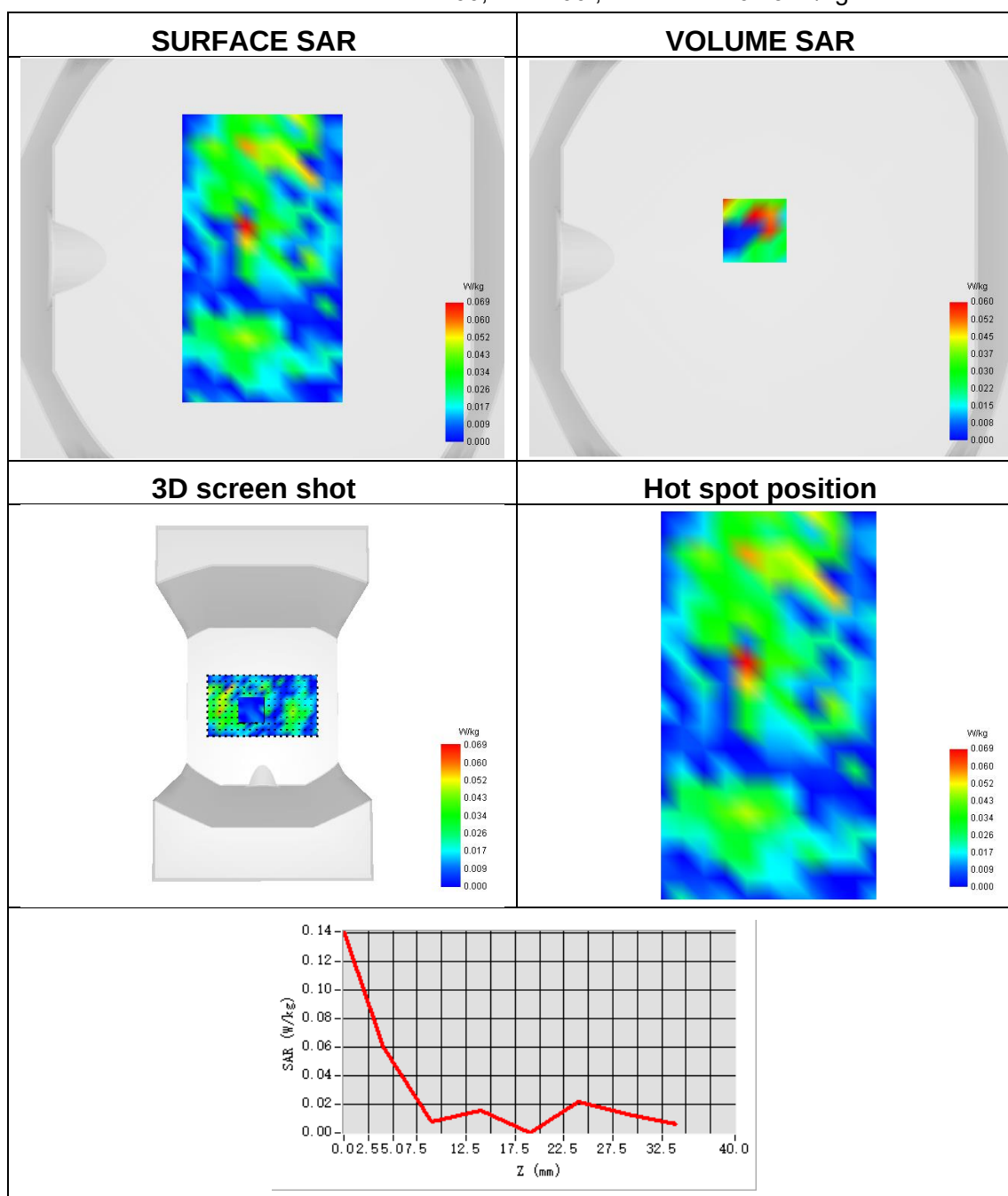


Plot 2:



Test Date	2023-03-16
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS850
Signal	TDMA (GPRS)
Frequency	836.6
SAR 10g (W/Kg)	0.020
SAR 1g (W/Kg)	0.054

Maximum location: X=-7.00, Y=14.00 ; SAR Peak: 0.13 W/kg

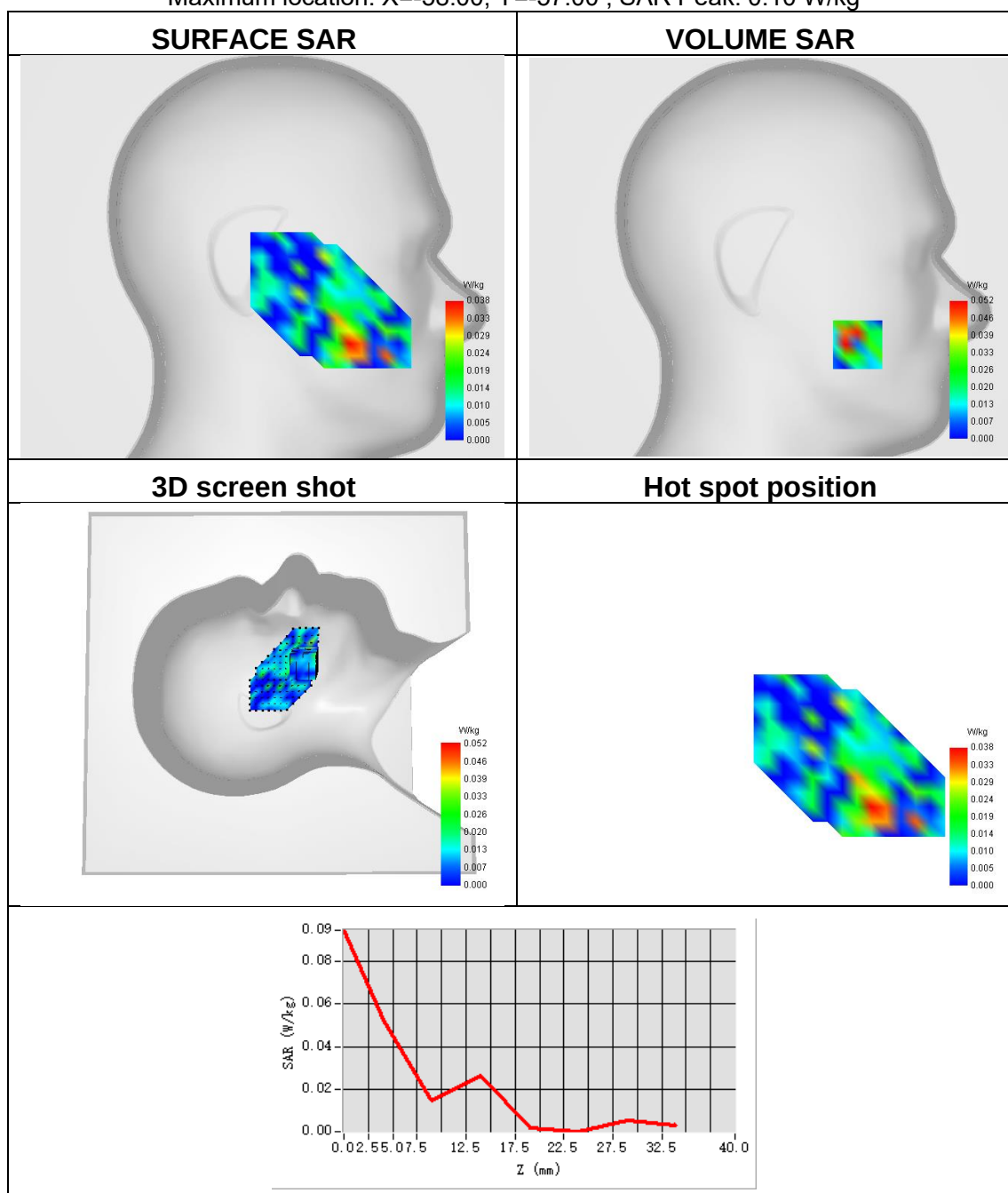


Plot 3:



Test Date	2023-03-04
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Signal	TDMA (GSM)
Frequency	1909.8
SAR 10g (W/Kg)	0.021
SAR 1g (W/Kg)	0.044

Maximum location: X=-58.00, Y=-57.00 ; SAR Peak: 0.10 W/kg

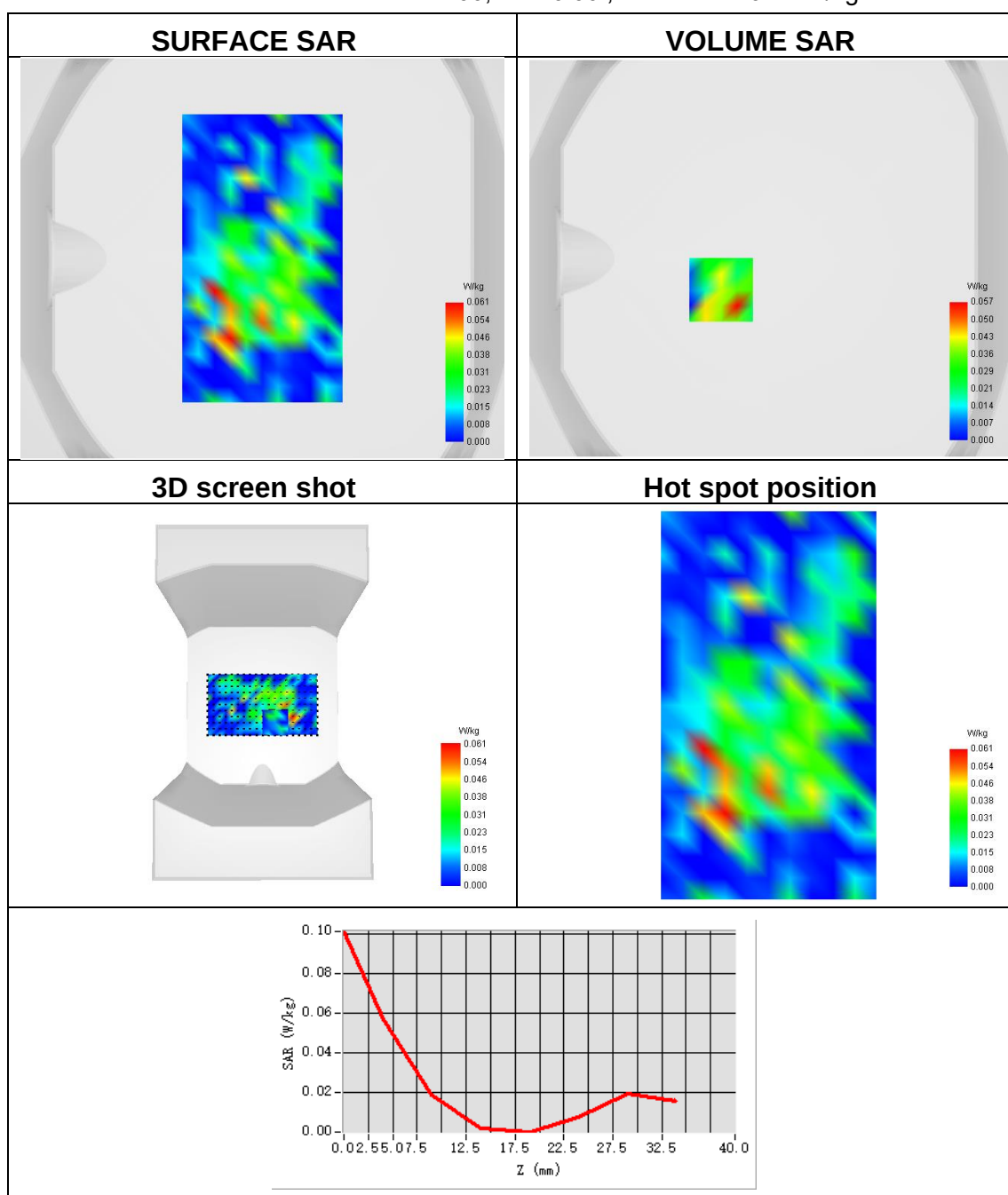




Plot 4:

Test Date	2023-03-04
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	GPRS1900
Signal	TDMA (GPRS)
Frequency	1909.8
SAR 10g (W/Kg)	0.021
SAR 1g (W/Kg)	0.045

Maximum location: X=-24.00, Y=-16.00 ; SAR Peak: 0.11 W/kg

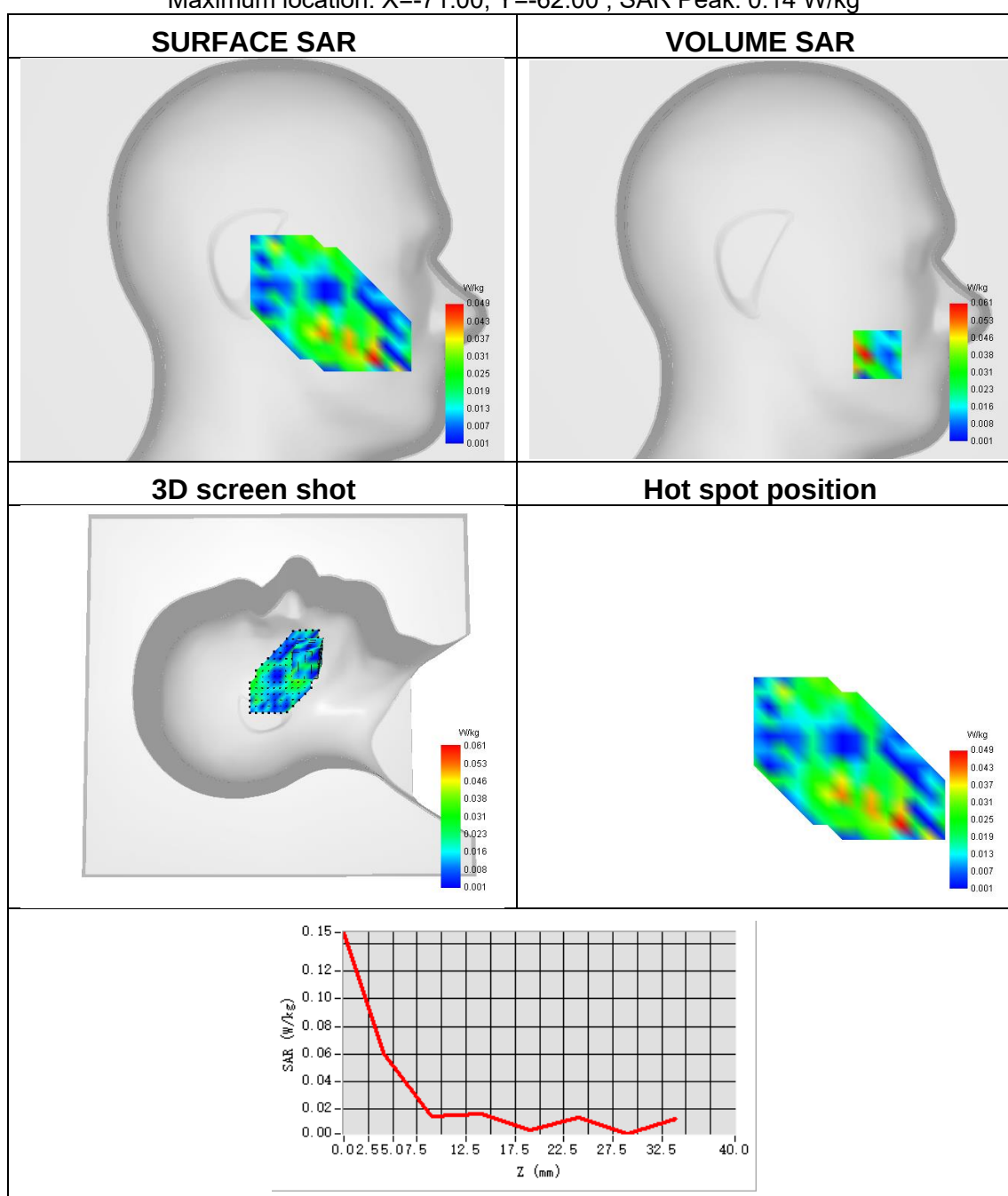




Plot 5:

Test Date	2023-03-04
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band 2 (1900)
Signal	WCDMA
Frequency	1880
SAR 10g (W/Kg)	0.029
SAR 1g (W/Kg)	0.059

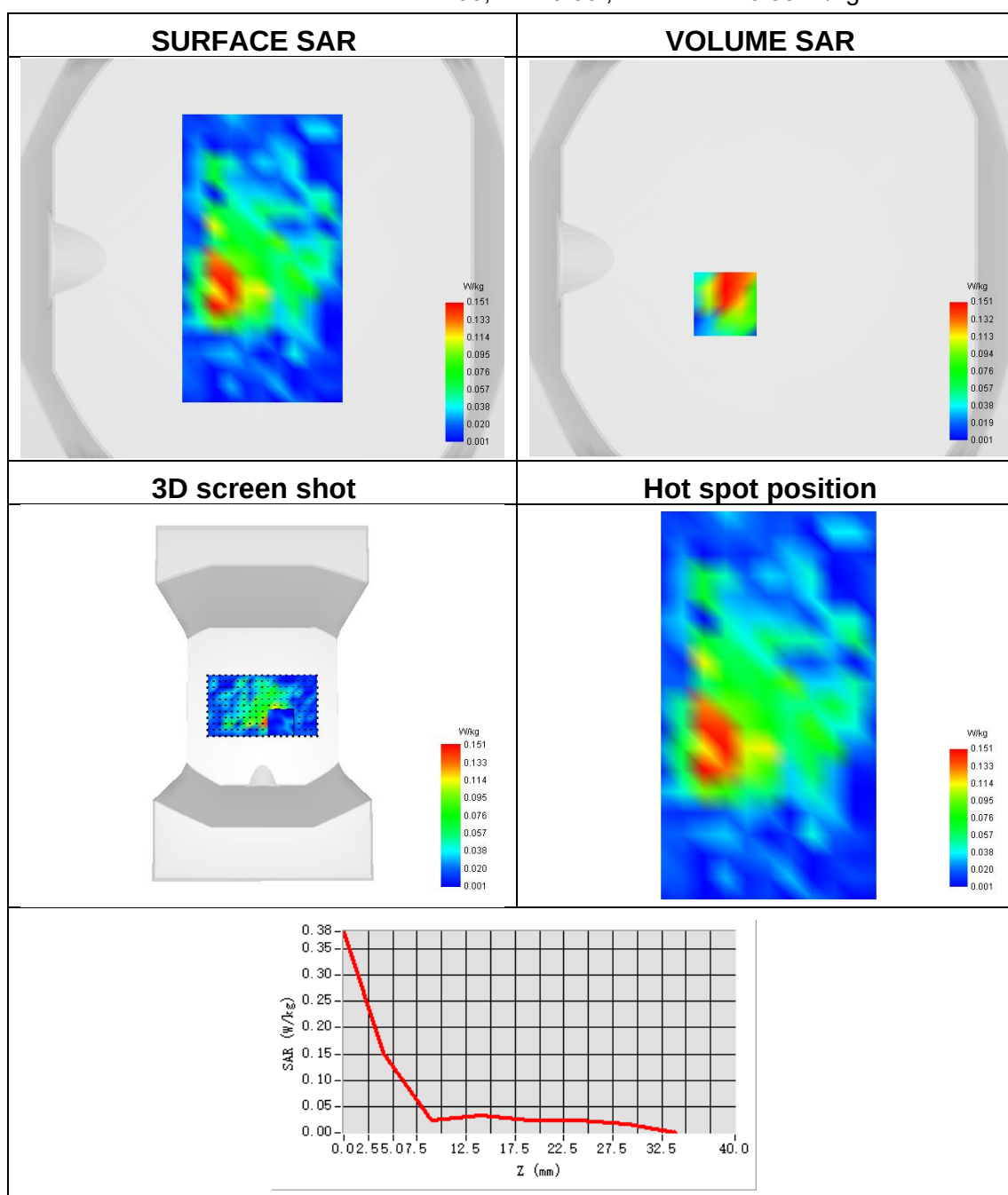
Maximum location: X=-71.00, Y=-62.00 ; SAR Peak: 0.14 W/kg



Plot 6:

Test Date	2023-03-04
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	Band 2 (1900)
Signal	WCDMA
Frequency	1880
SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.156

Maximum location: X=-22.00, Y=-23.00 ; SAR Peak: 0.38 W/kg

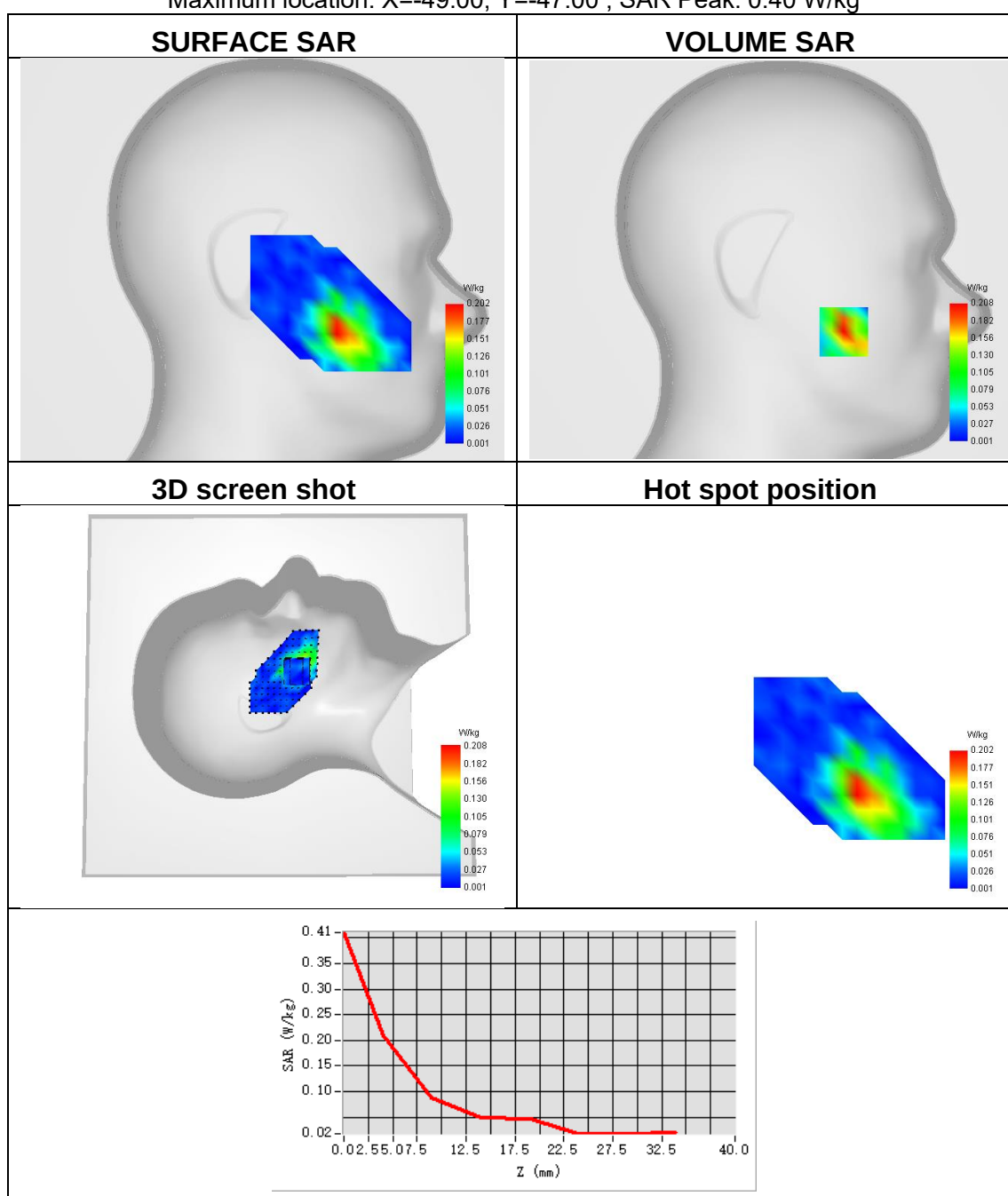




Plot 7:

Test Date	2023-03-17
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band 4 (1700)
Signal	WCDMA
Frequency	1752.4
SAR 10g (W/Kg)	0.096
SAR 1g (W/Kg)	0.200

Maximum location: X=-49.00, Y=-47.00 ; SAR Peak: 0.40 W/kg

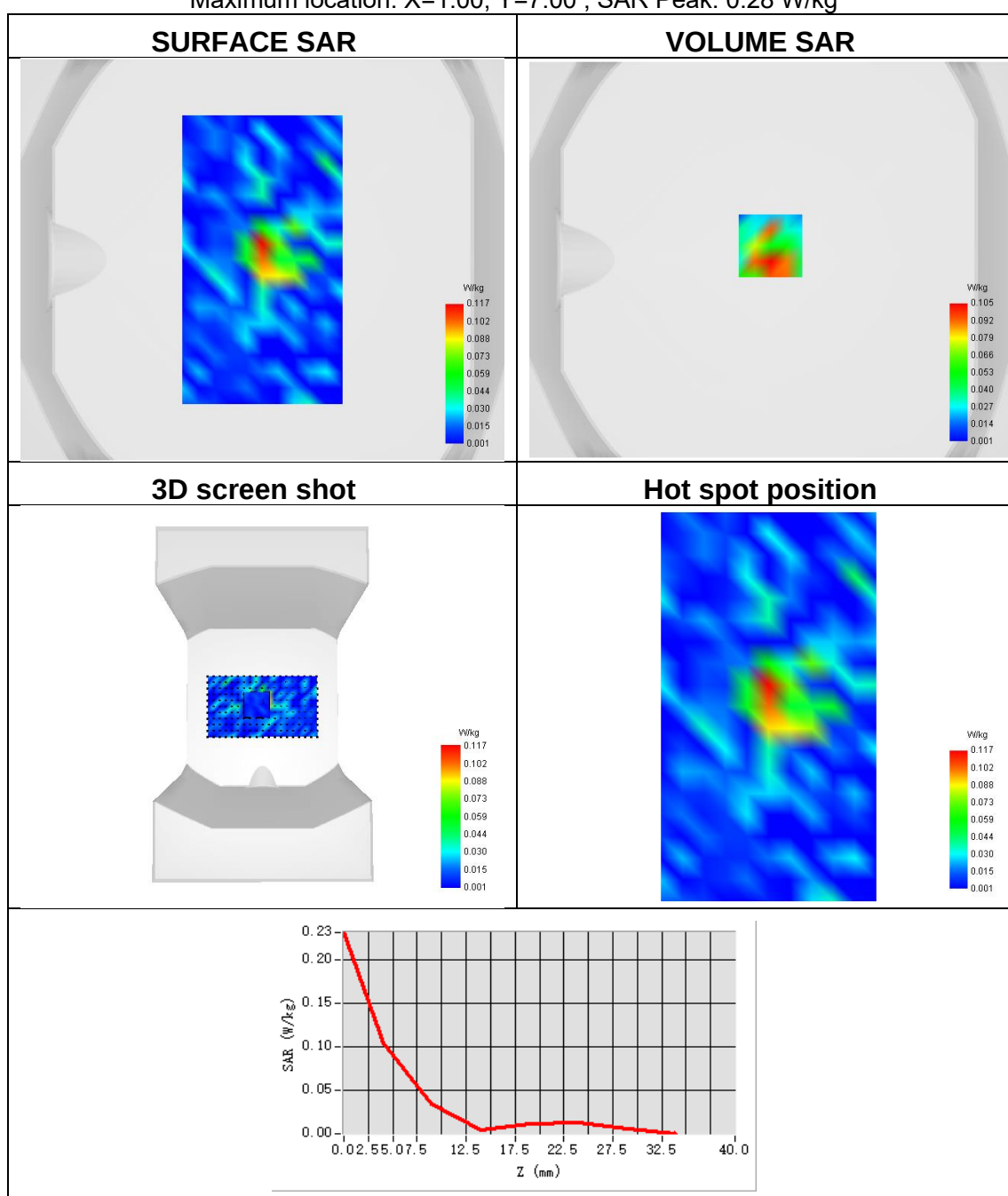




Plot 8:

Test Date	2023-03-17
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	Band 4 (1700)
Signal	WCDMA
Frequency	1752.4
SAR 10g (W/Kg)	0.042
SAR 1g (W/Kg)	0.108

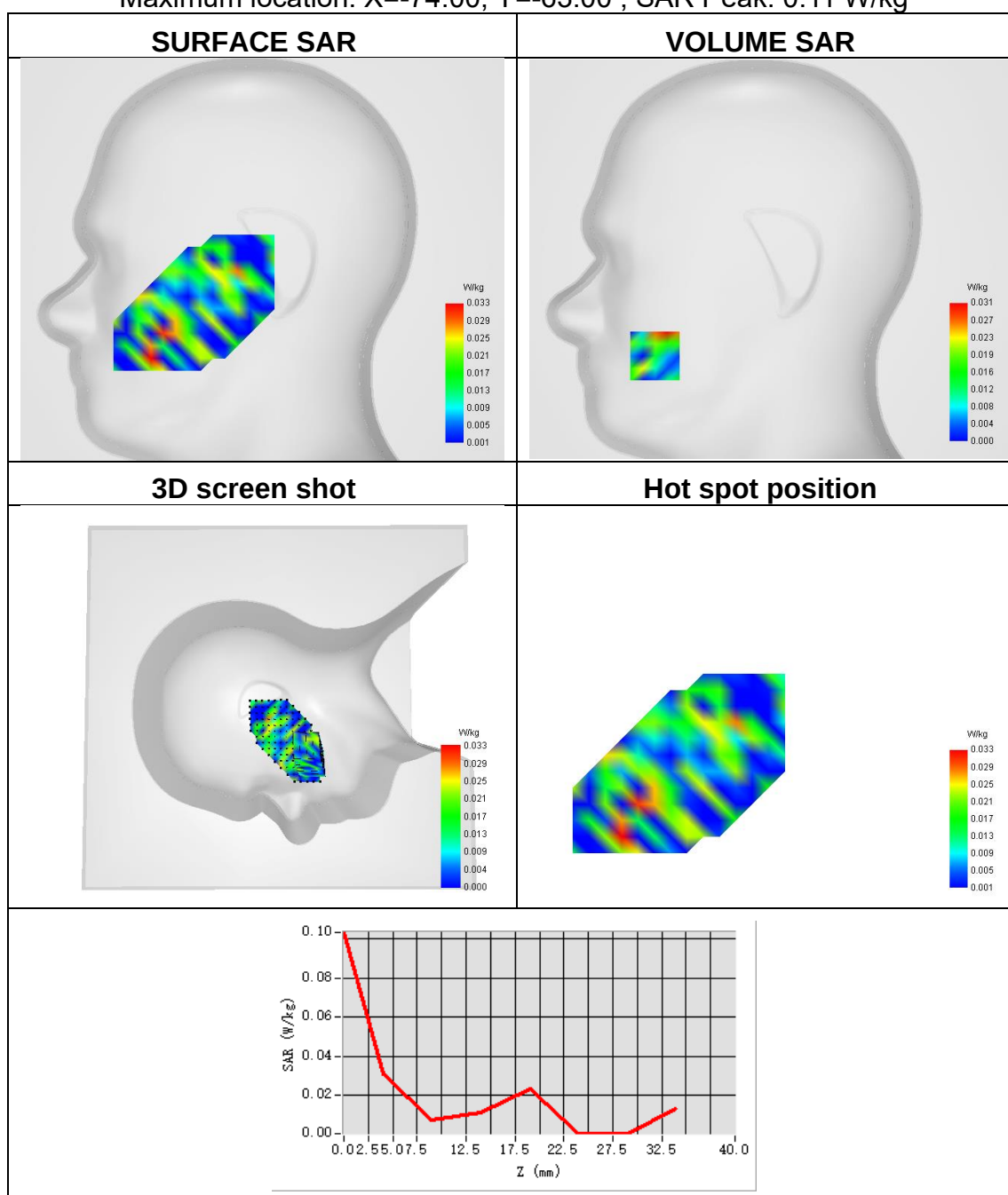
Maximum location: X=1.00, Y=7.00 ; SAR Peak: 0.28 W/kg



Plot 9:

Test Date	2023-03-16
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	Band 5 (850)
Signal	WCDMA
Frequency	826.4
SAR 10g (W/Kg)	0.014
SAR 1g (W/Kg)	0.034

Maximum location: X=-74.00, Y=-63.00 ; SAR Peak: 0.11 W/kg

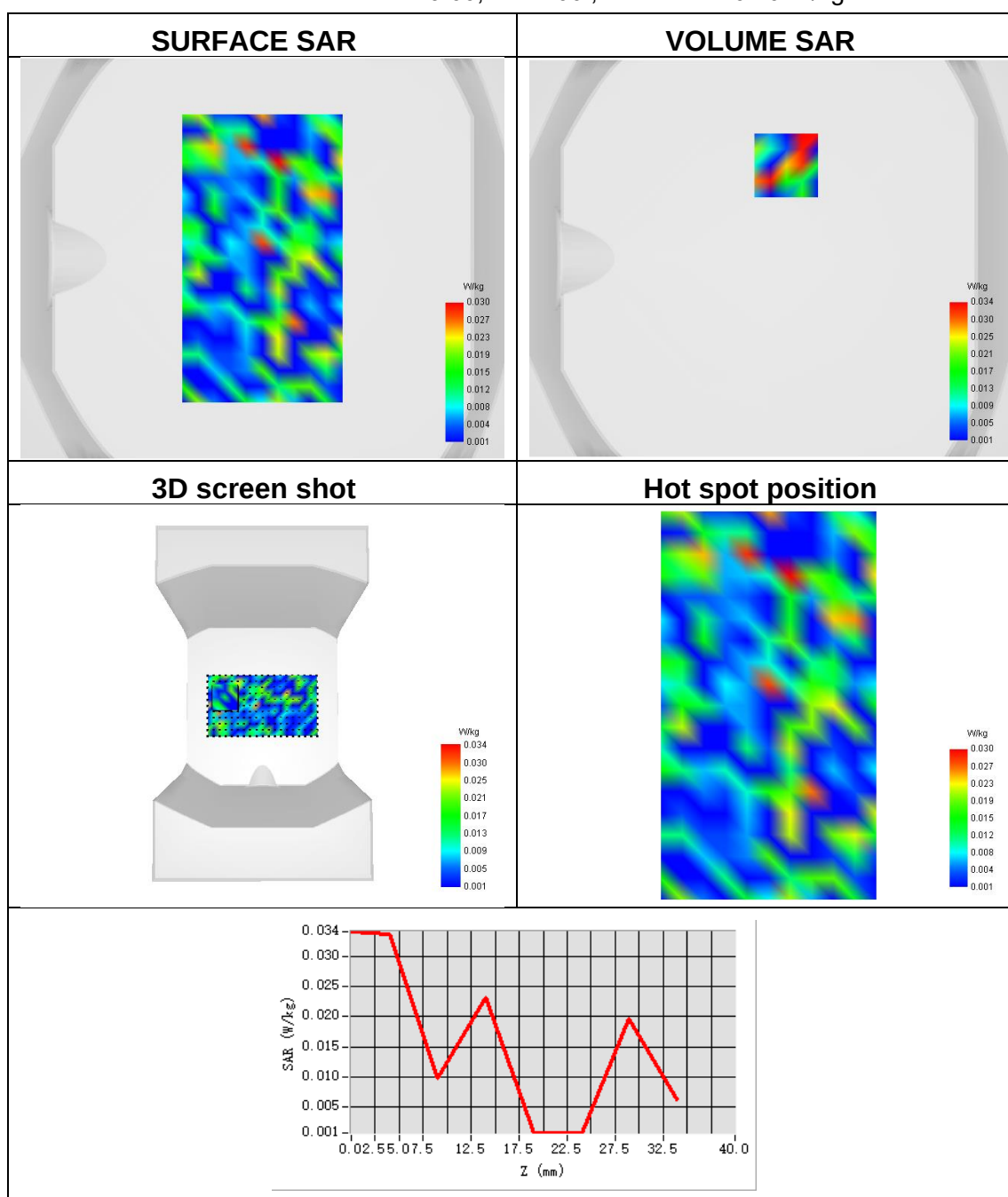




Plot 10:

Test Date	2023-03-16
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	Band 5 (850)
Signal	WCDMA
Frequency	826.4
SAR 10g (W/Kg)	0.014
SAR 1g (W/Kg)	0.033

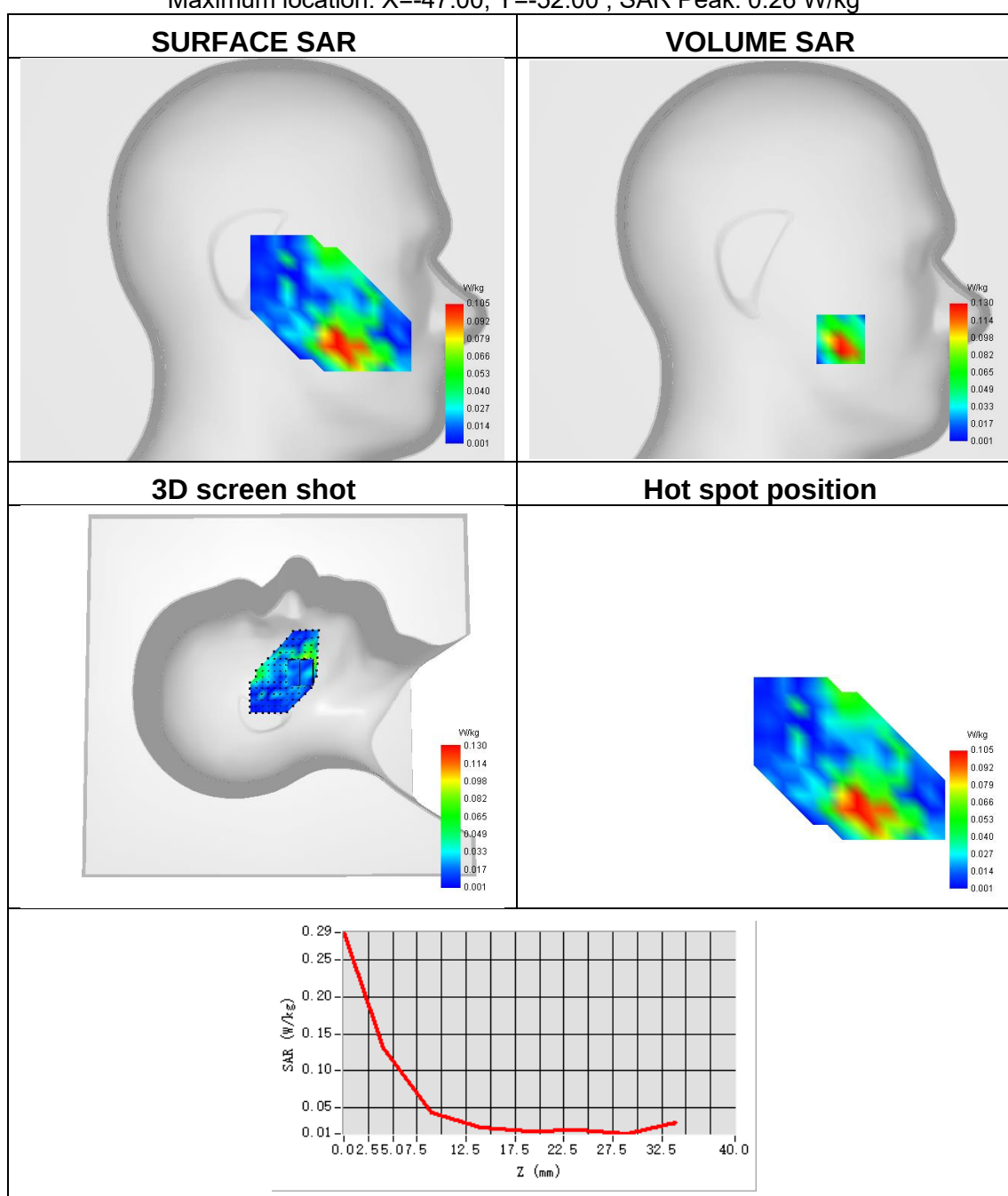
Maximum location: X=9.00, Y=47.00 ; SAR Peak: 0.10 W/kg



Plot 11:

Test Date	2023-03-04
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 2
Signal	LTE FDD
Frequency	1880
SAR 10g (W/Kg)	0.062
SAR 1g (W/Kg)	0.135

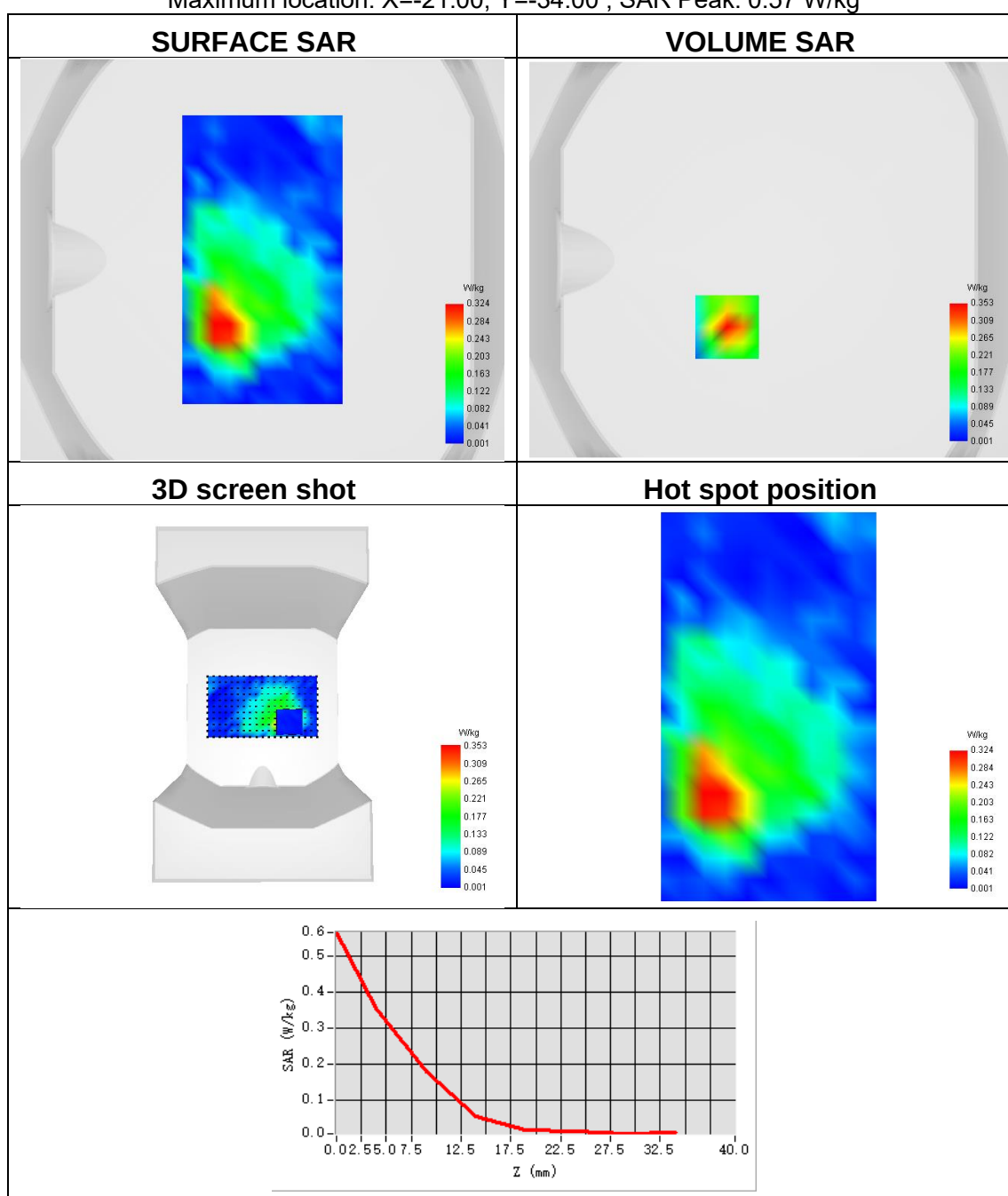
Maximum location: X=-47.00, Y=-52.00 ; SAR Peak: 0.26 W/kg



Plot 12:

Test Date	2023-03-04
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Front side
Band	LTE band 2
Signal	LTE FDD
Frequency	1880
SAR 10g (W/Kg)	0.150
SAR 1g (W/Kg)	0.317

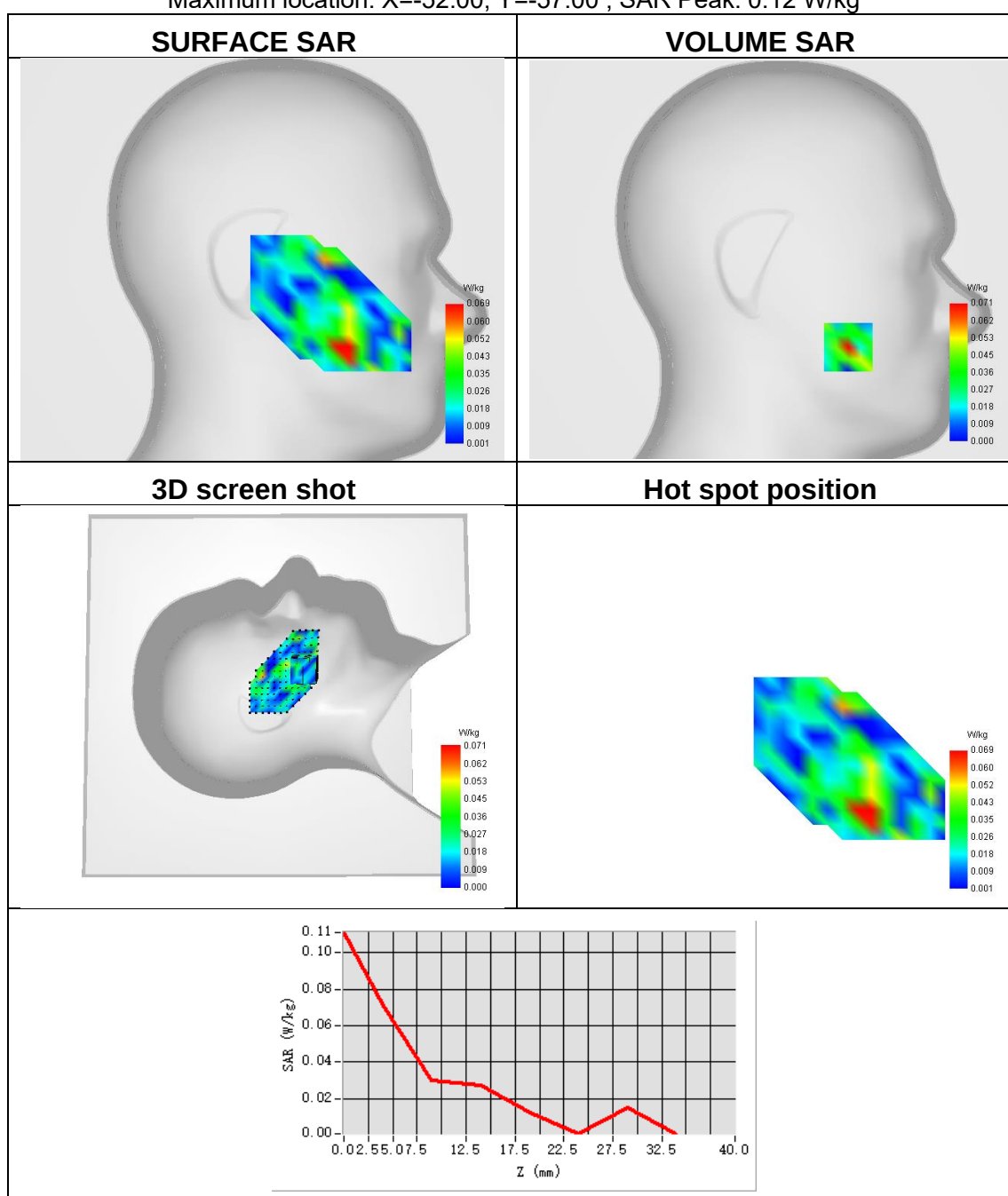
Maximum location: X=-21.00, Y=-34.00 ; SAR Peak: 0.57 W/kg



Plot 13:

Test Date	2023-03-17
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 4
Signal	LTE FDD
Frequency	1732.5
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.060

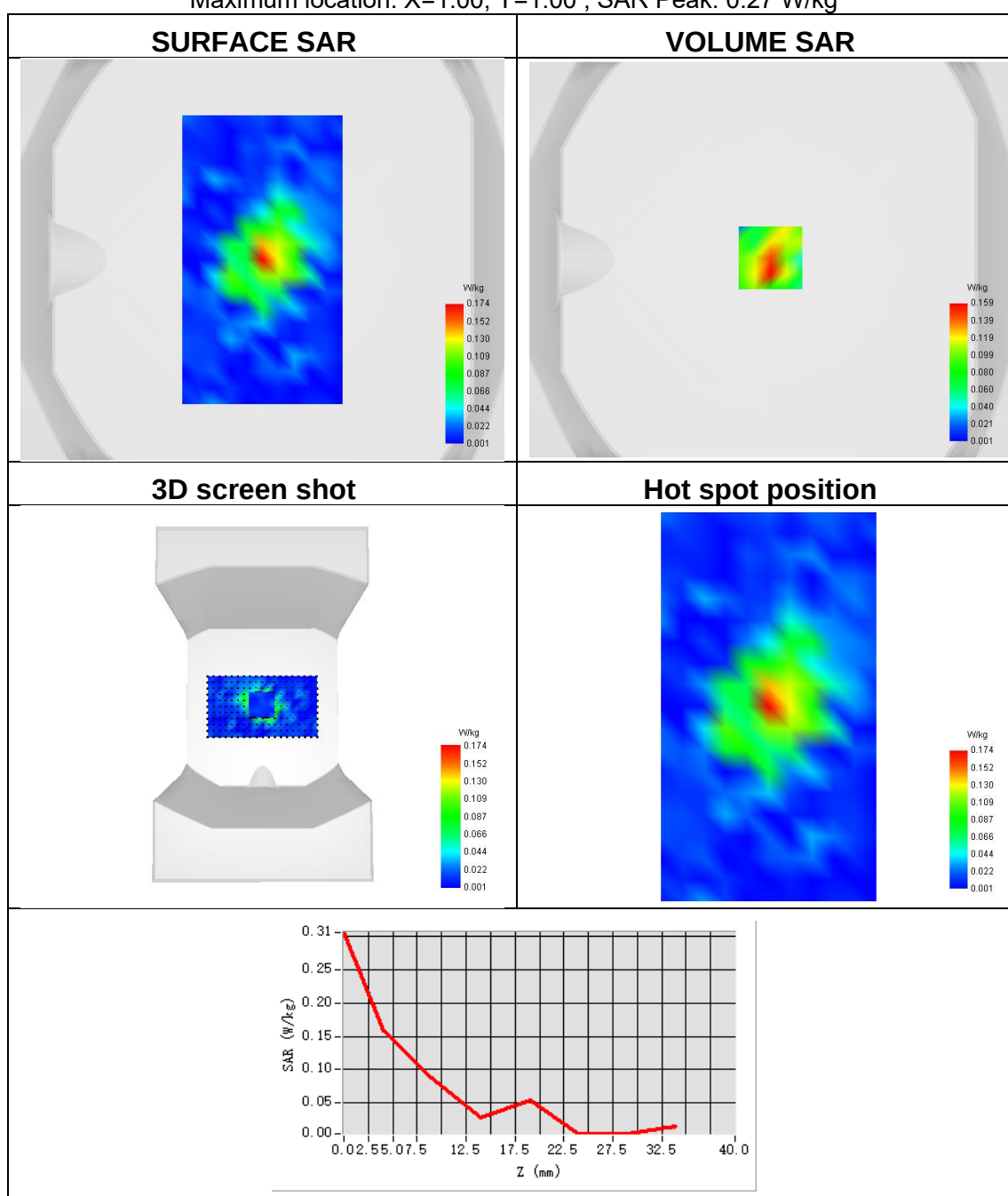
Maximum location: X=-52.00, Y=-57.00 ; SAR Peak: 0.12 W/kg



Plot 14:

Test Date	2023-03-17
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 4
Signal	LTE FDD
Frequency	1732.5
SAR 10g (W/Kg)	0.074
SAR 1g (W/Kg)	0.146

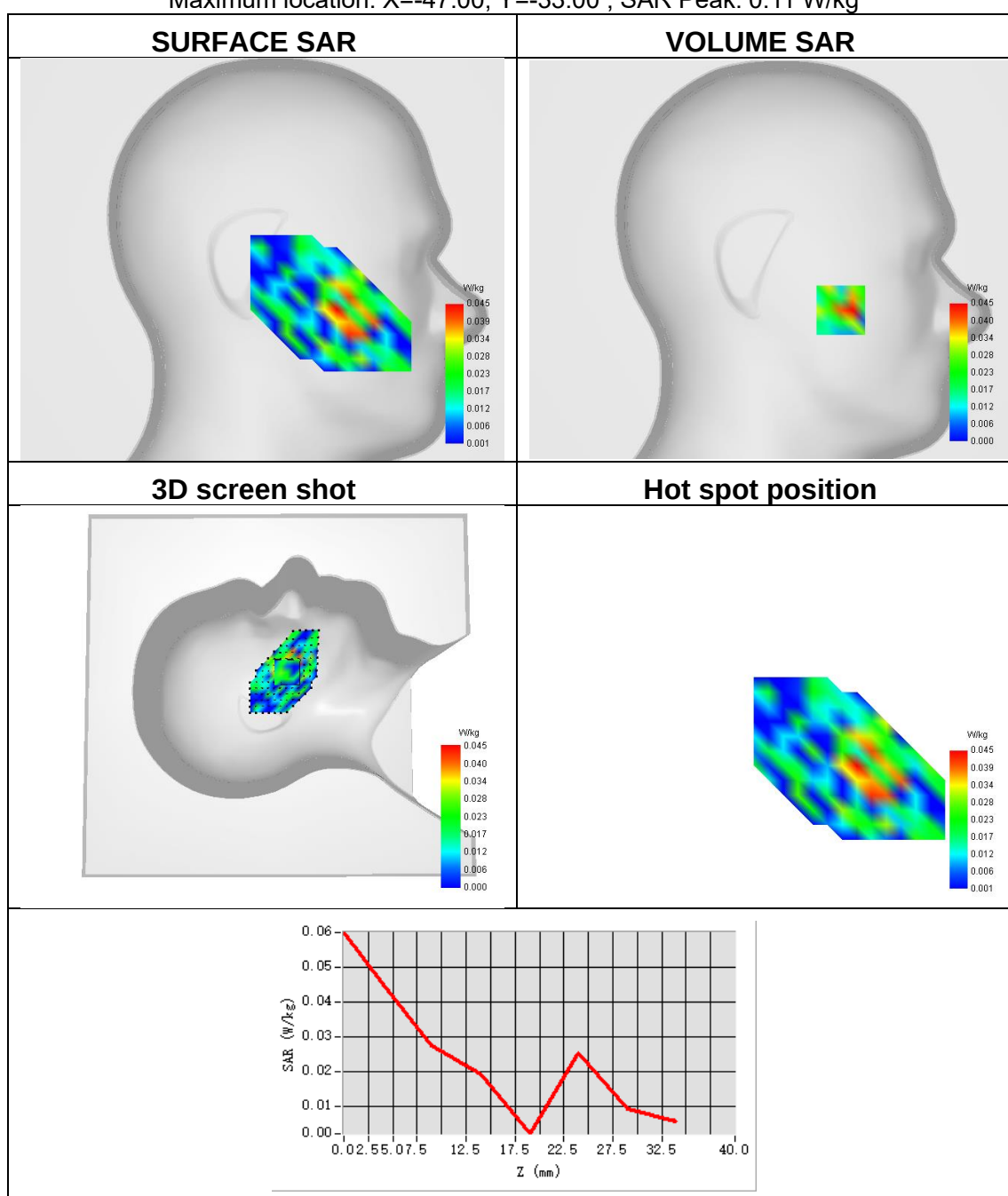
Maximum location: X=1.00, Y=1.00 ; SAR Peak: 0.27 W/kg



Plot 15:

Test Date	2023-03-16
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 5
Signal	LTE FDD
Frequency	836.5
SAR 10g (W/Kg)	0.024
SAR 1g (W/Kg)	0.049

Maximum location: X=-47.00, Y=-33.00 ; SAR Peak: 0.11 W/kg

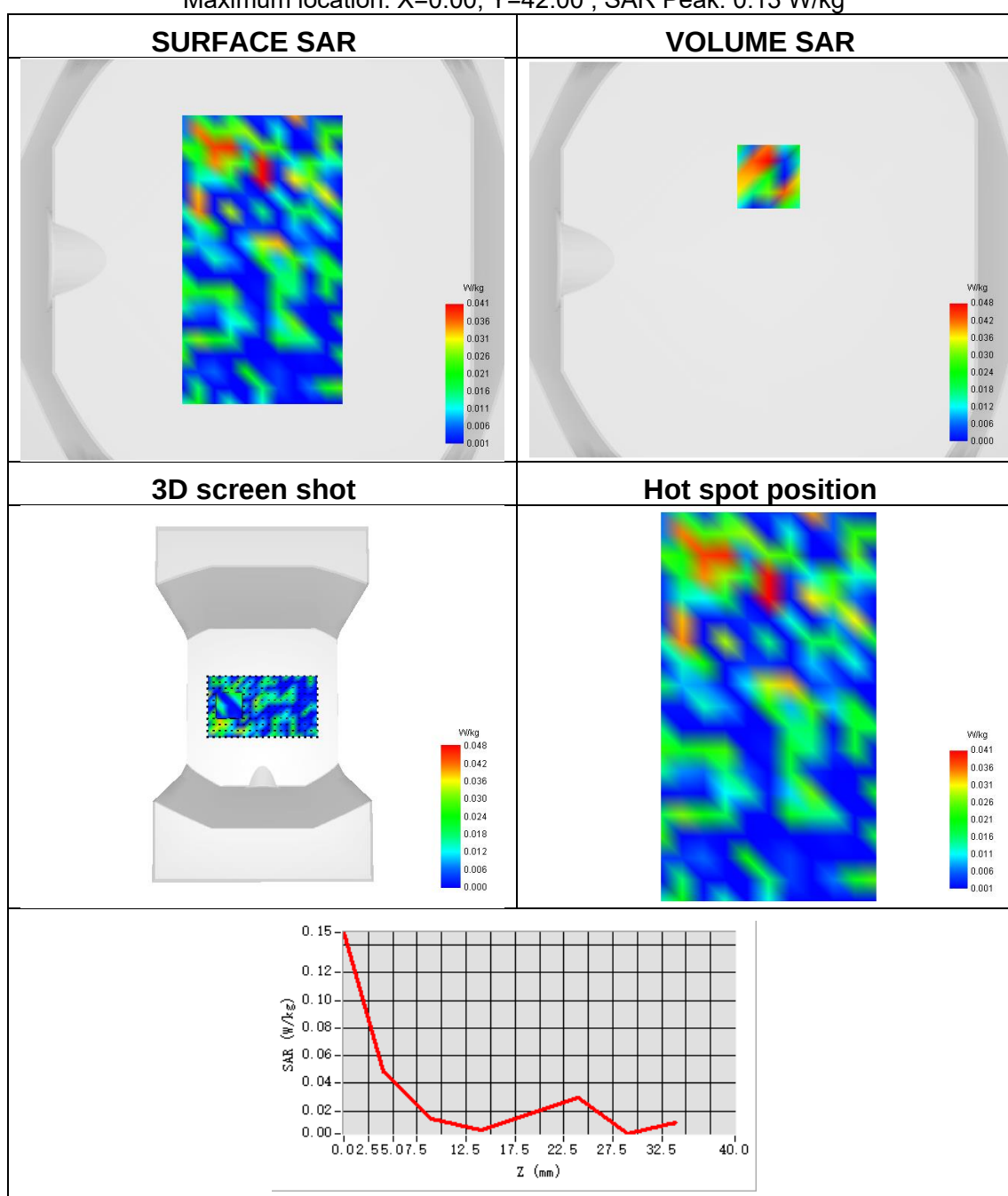




Plot 16:

Test Date	2023-03-16
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 5
Signal	LTE FDD
Frequency	836.5
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.036

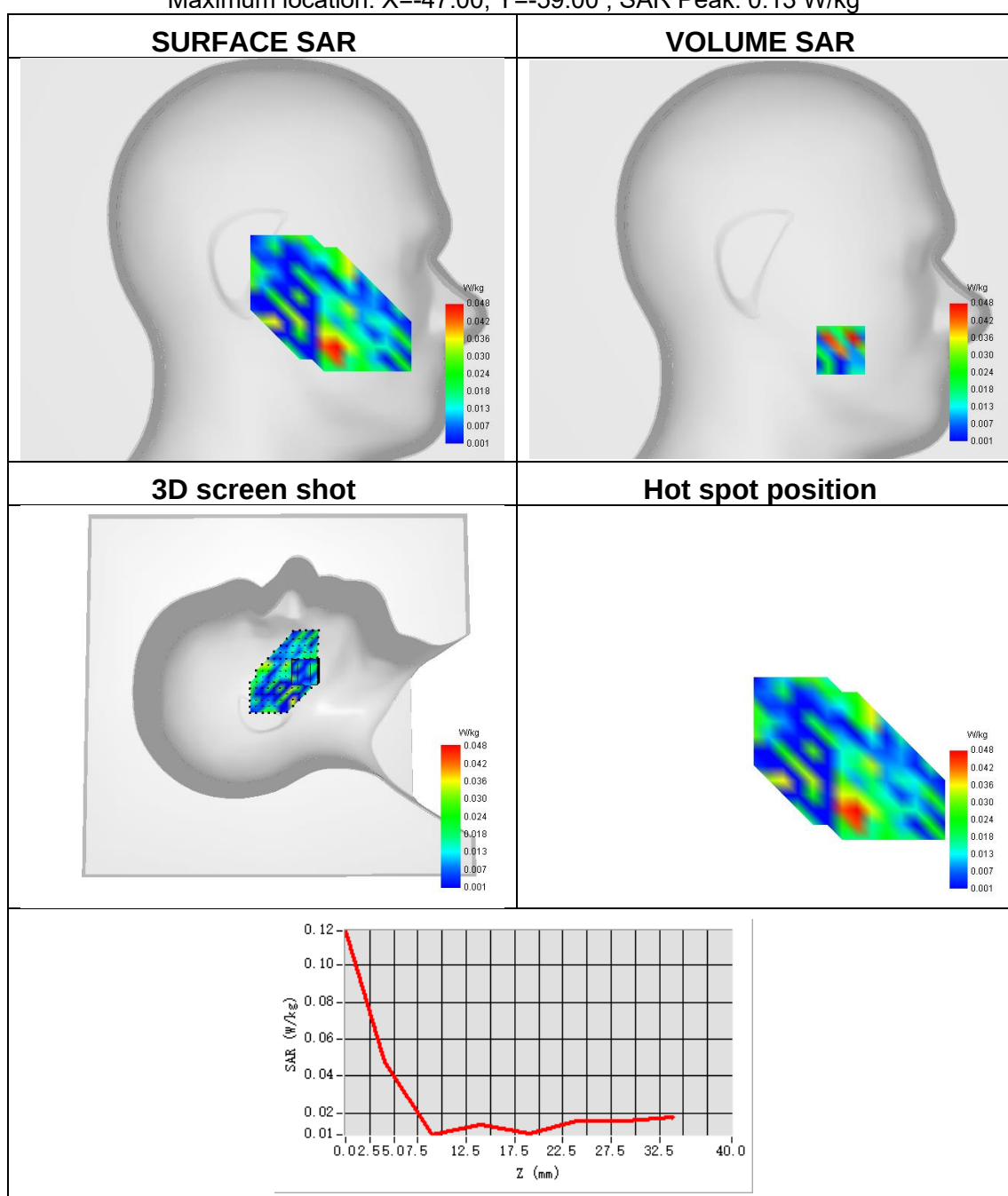
Maximum location: X=0.00, Y=42.00 ; SAR Peak: 0.13 W/kg



Plot 17:

Test Date	2023-03-01
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 7
Signal	LTE FDD
Frequency	2535
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.040

Maximum location: X=-47.00, Y=-59.00 ; SAR Peak: 0.13 W/kg

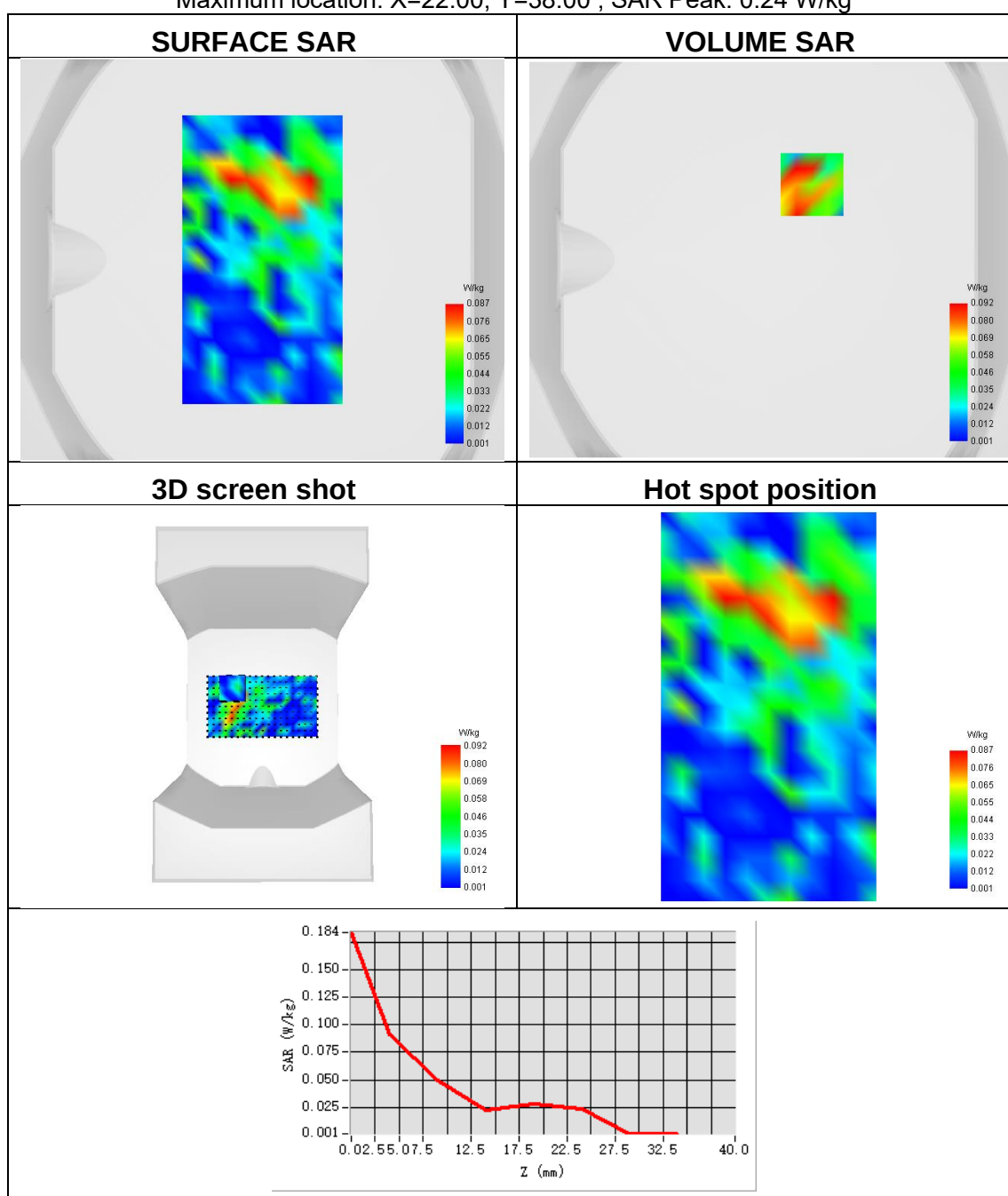




Plot 18:

Test Date	2023-03-01
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 7
Signal	LTE FDD
Frequency	2535
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.103

Maximum location: X=22.00, Y=38.00 ; SAR Peak: 0.24 W/kg

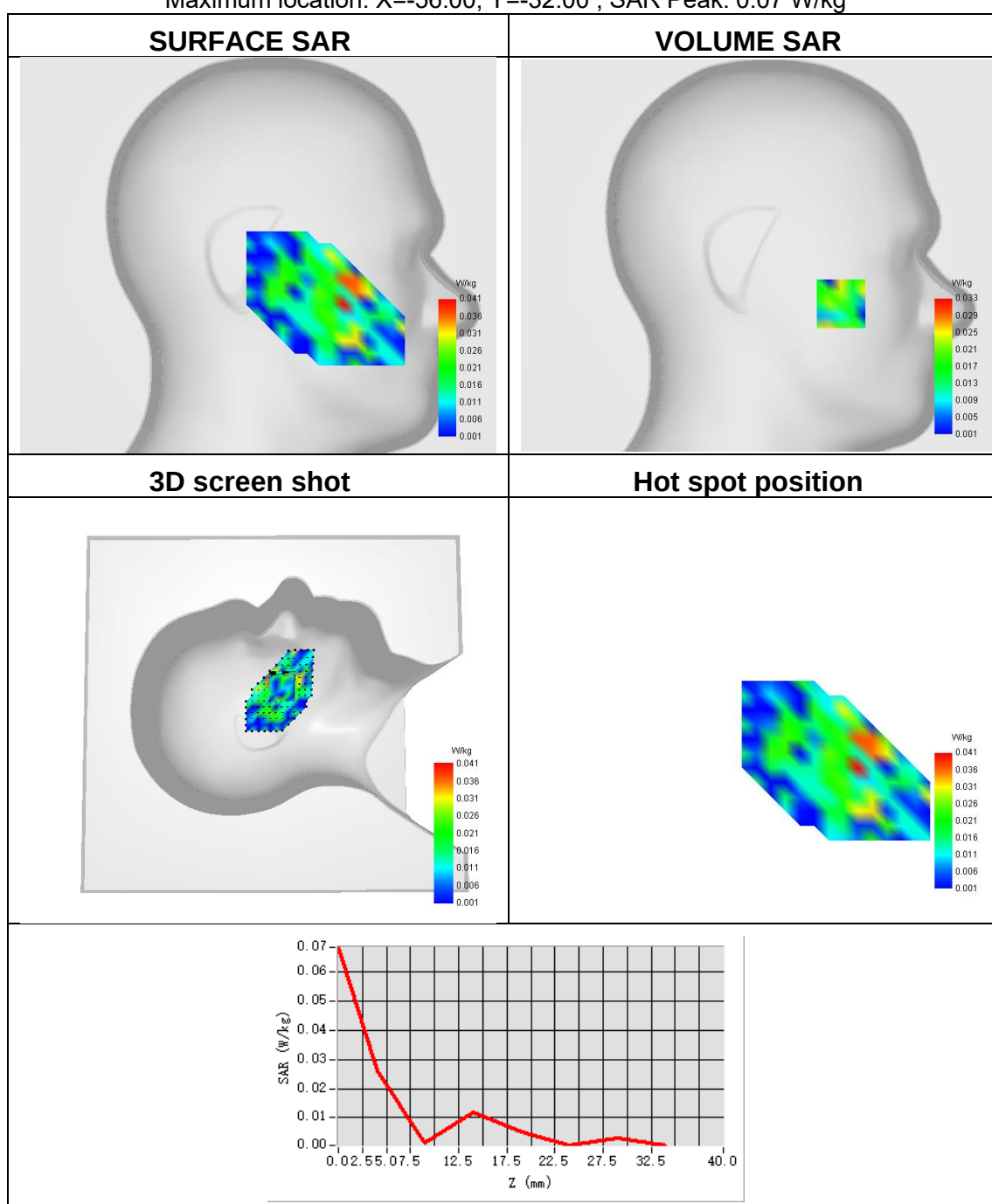




Plot 19:

Test Date	2023-03-15
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 12
Signal	LTE FDD
Frequency	707.5
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.033

Maximum location: X=-56.00, Y=-32.00 ; SAR Peak: 0.07 W/kg

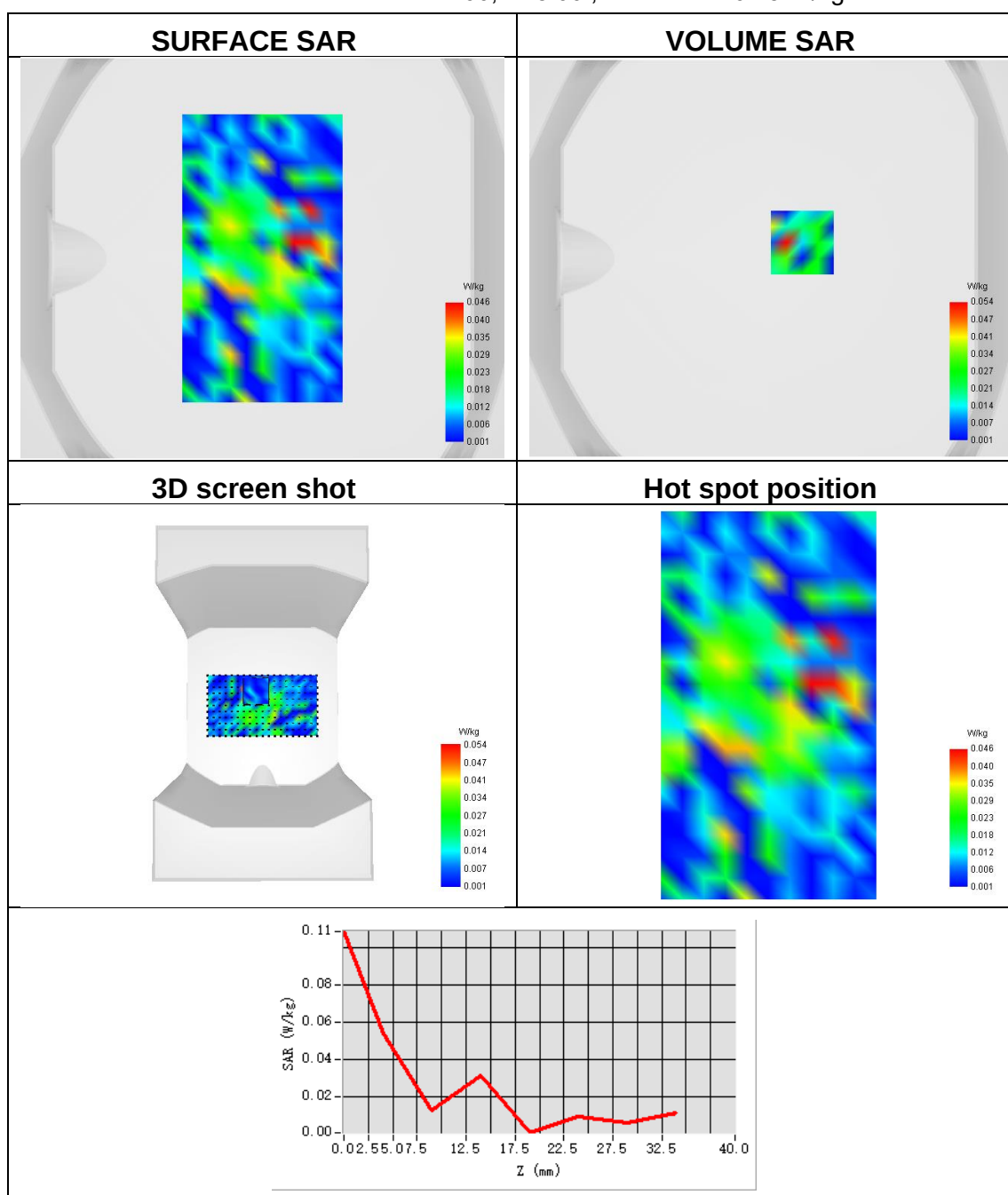




Plot 20:

Test Date	2023-03-15
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 12
Signal	LTE FDD
Frequency	707.5
SAR 10g (W/Kg)	0.020
SAR 1g (W/Kg)	0.057

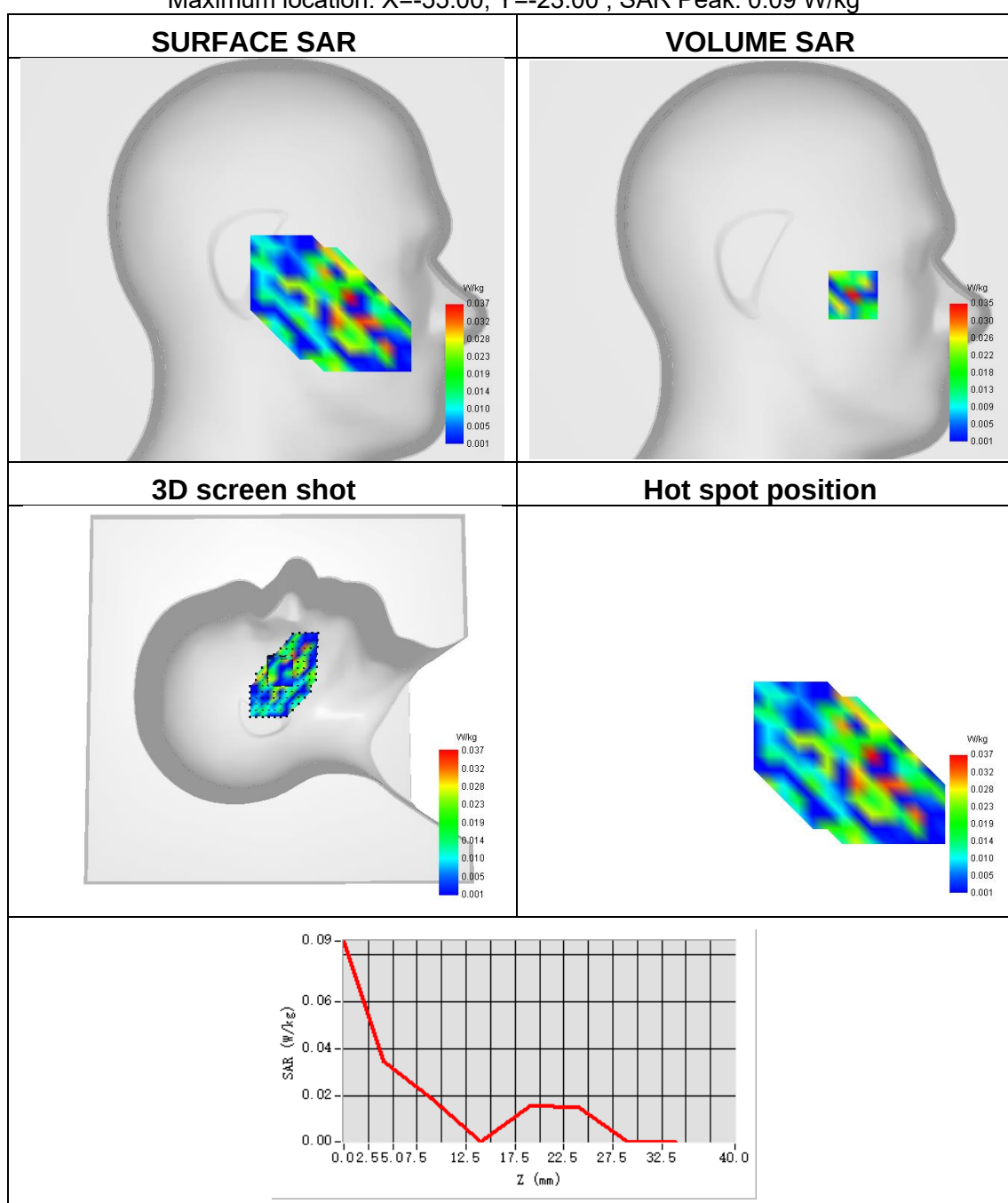
Maximum location: X=17.00, Y=8.00 ; SAR Peak: 0.15 W/kg



Plot 21:

Test Date	2023-03-15
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 13
Signal	LTE FDD
Frequency	782
SAR 10g (W/Kg)	0.014
SAR 1g (W/Kg)	0.030

Maximum location: X=-55.00, Y=-23.00 ; SAR Peak: 0.09 W/kg

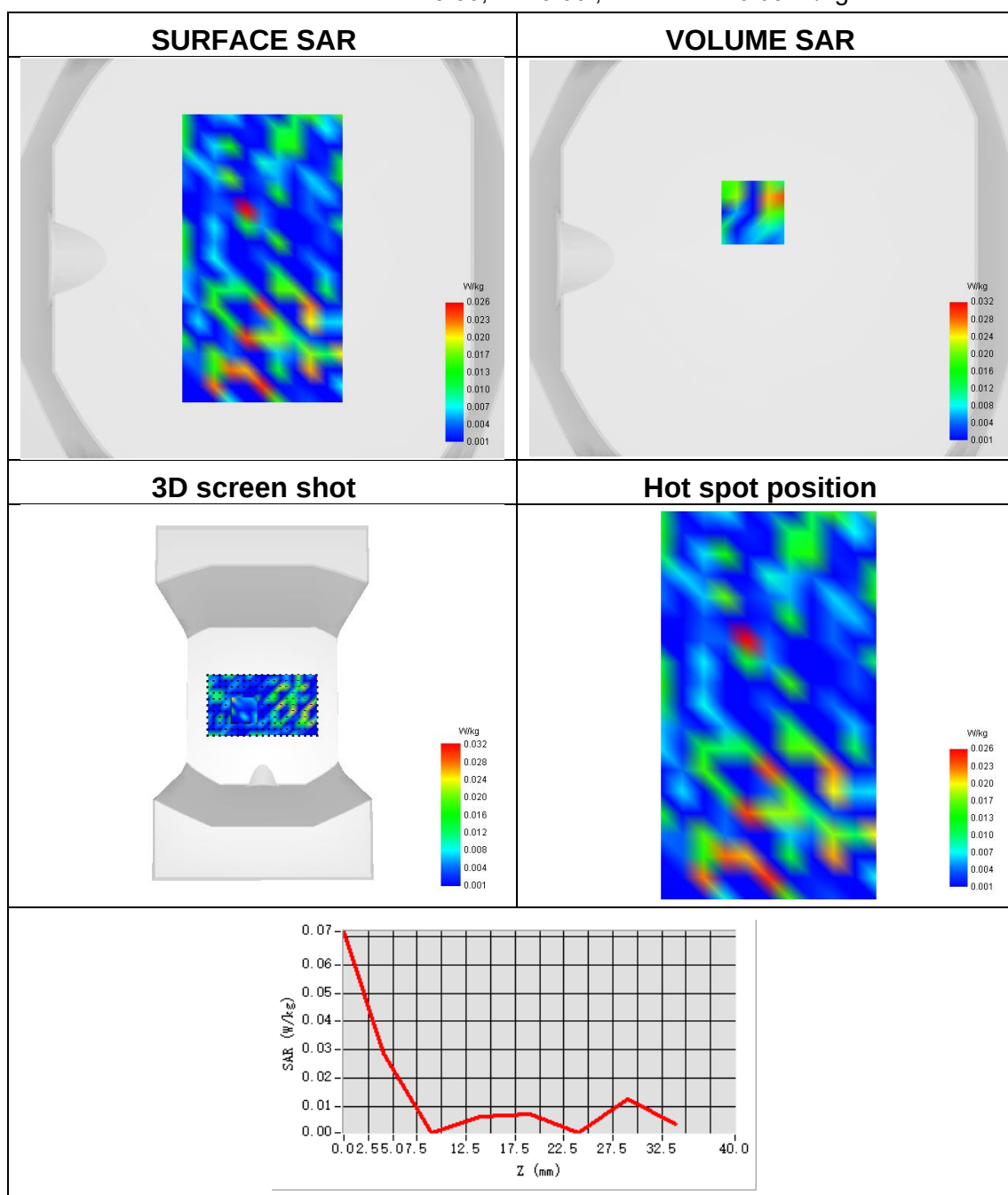




Plot 22:

Test Date	2023-03-15
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 13
Signal	LTE FDD
Frequency	782
SAR 10g (W/Kg)	0.014
SAR 1g (W/Kg)	0.033

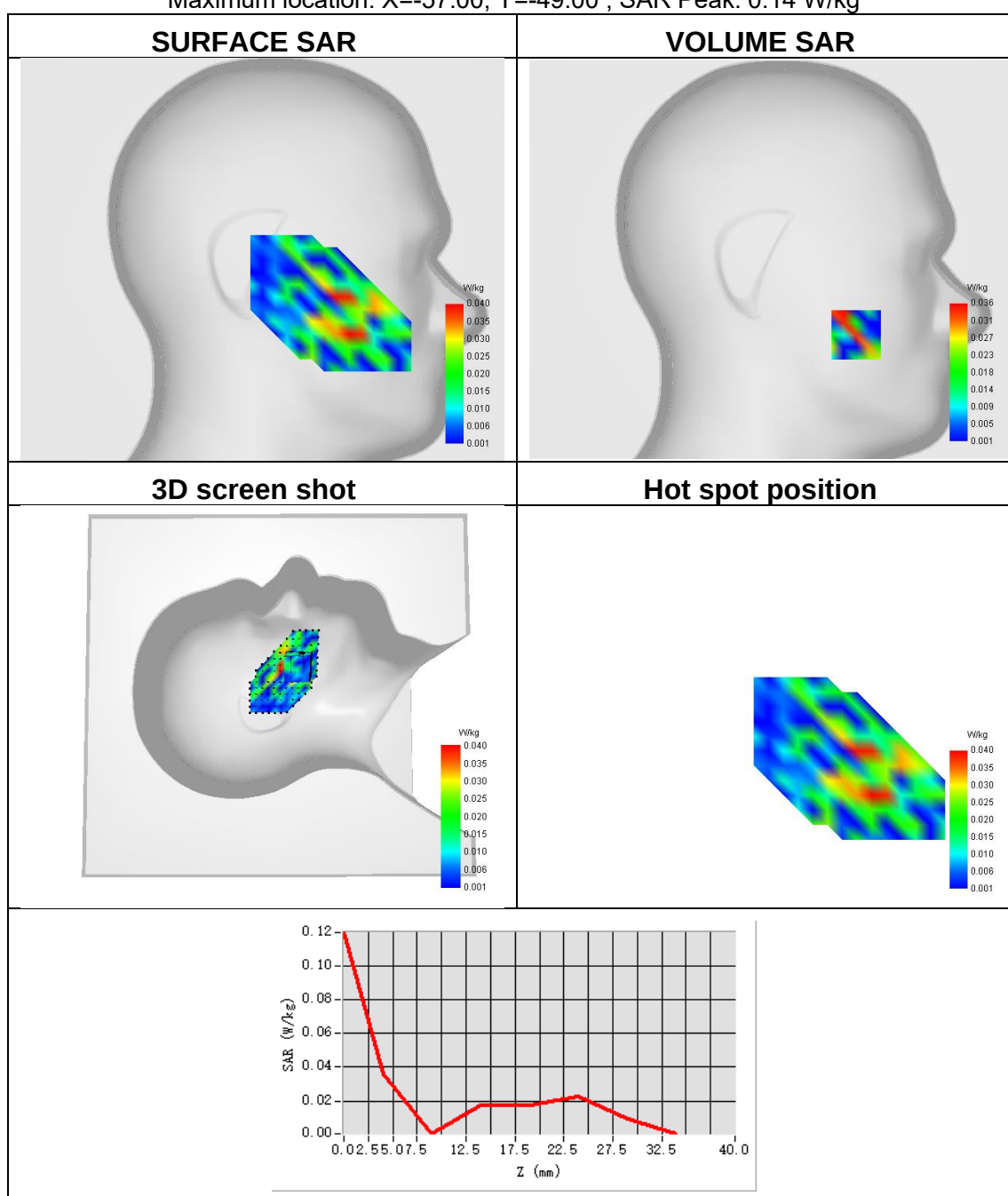
Maximum location: X=-8.00, Y=23.00 ; SAR Peak: 0.09 W/kg



Plot 23:

Test Date	2023-03-15
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 17
Signal	LTE FDD
Frequency	710
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.046

Maximum location: X=-57.00, Y=-49.00 ; SAR Peak: 0.14 W/kg

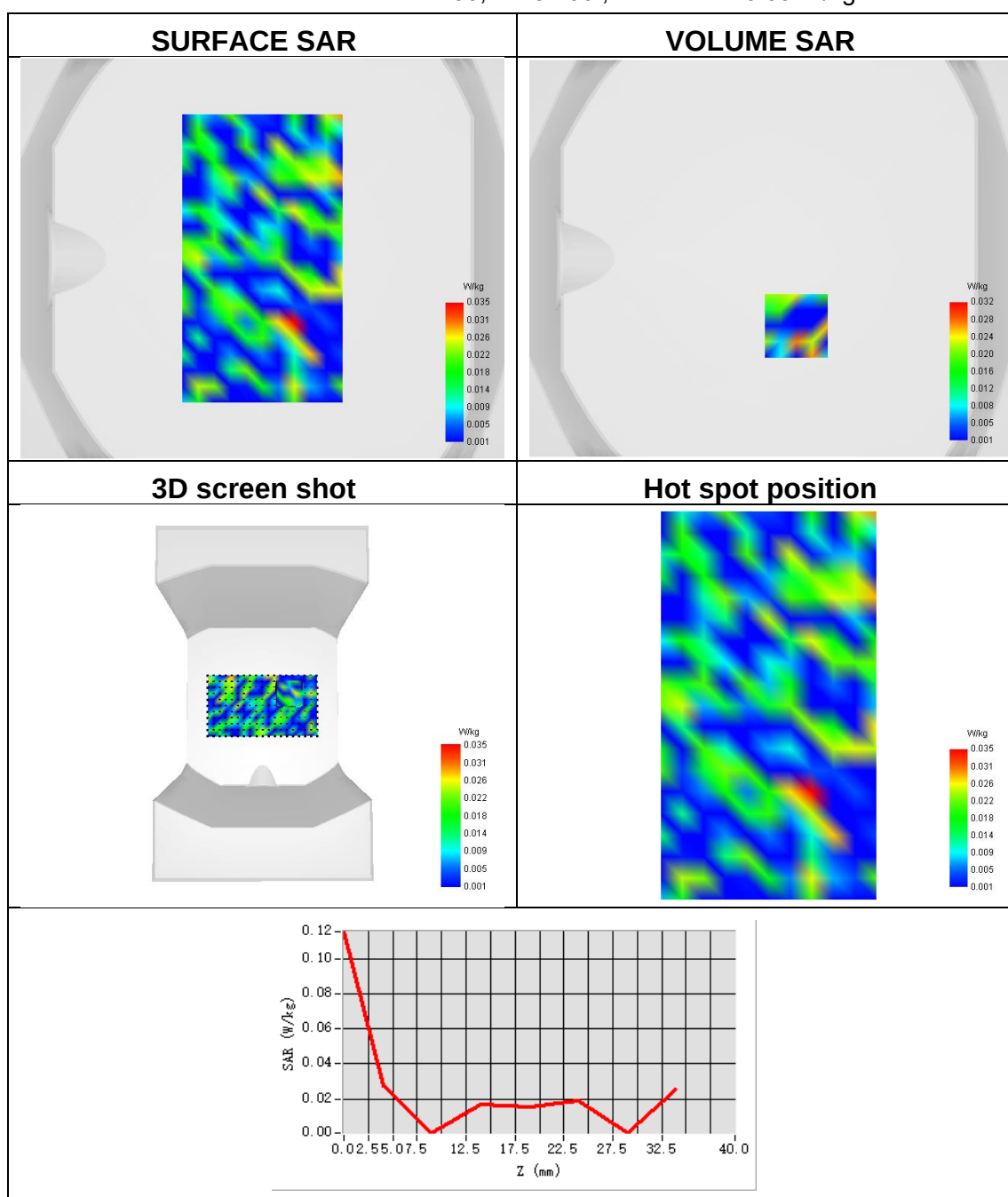




Plot 24:

Test Date	2023-03-15
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Bottom Side
Band	LTE band 17
Signal	LTE FDD
Frequency	710
SAR 10g (W/Kg)	0.010
SAR 1g (W/Kg)	0.032

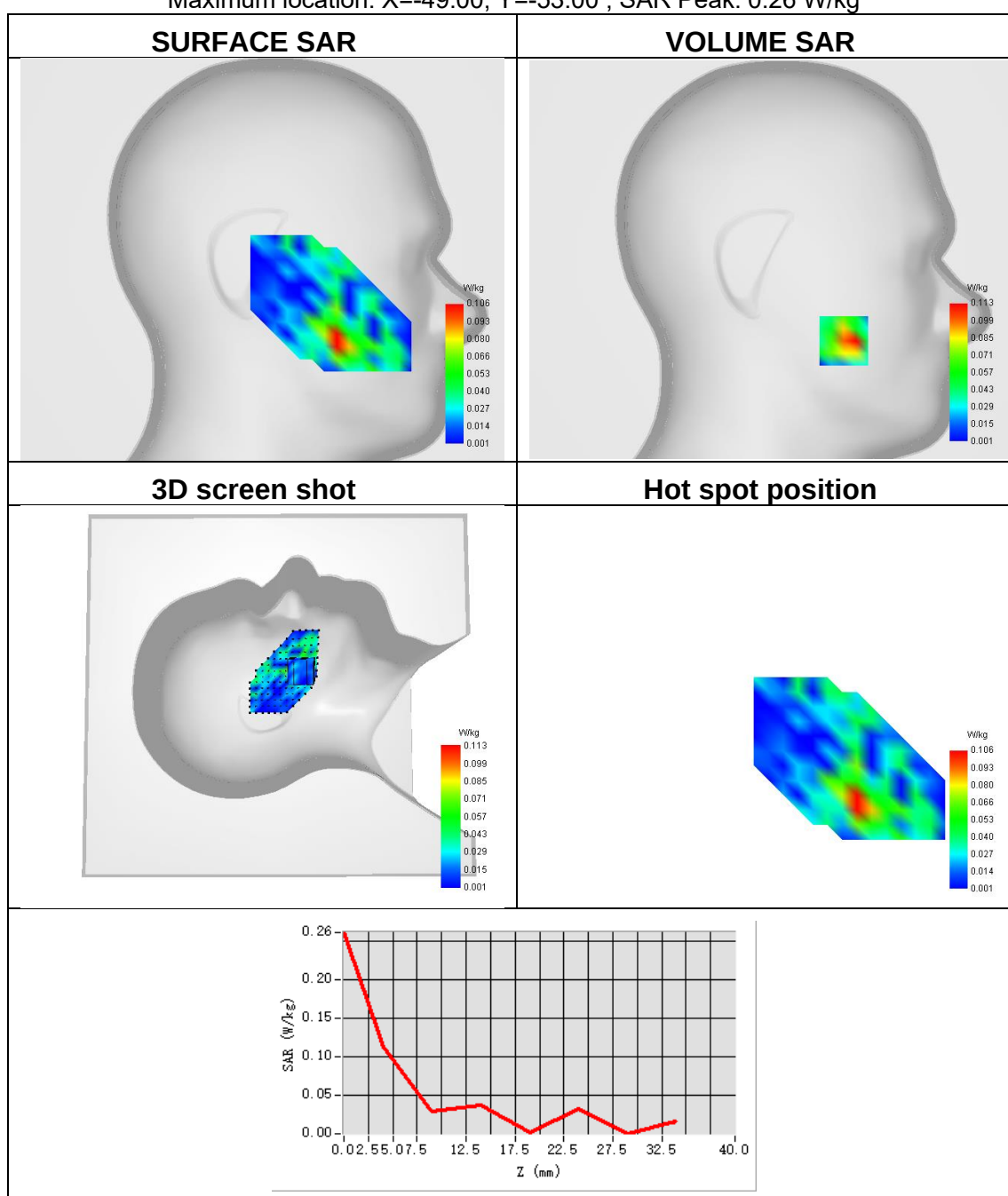
Maximum location: X=14.00, Y=-34.00 ; SAR Peak: 0.09 W/kg



Plot 25:

Test Date	2023-03-17
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 66
Signal	LTE FDD
Frequency	1745
SAR 10g (W/Kg)	0.046
SAR 1g (W/Kg)	0.111

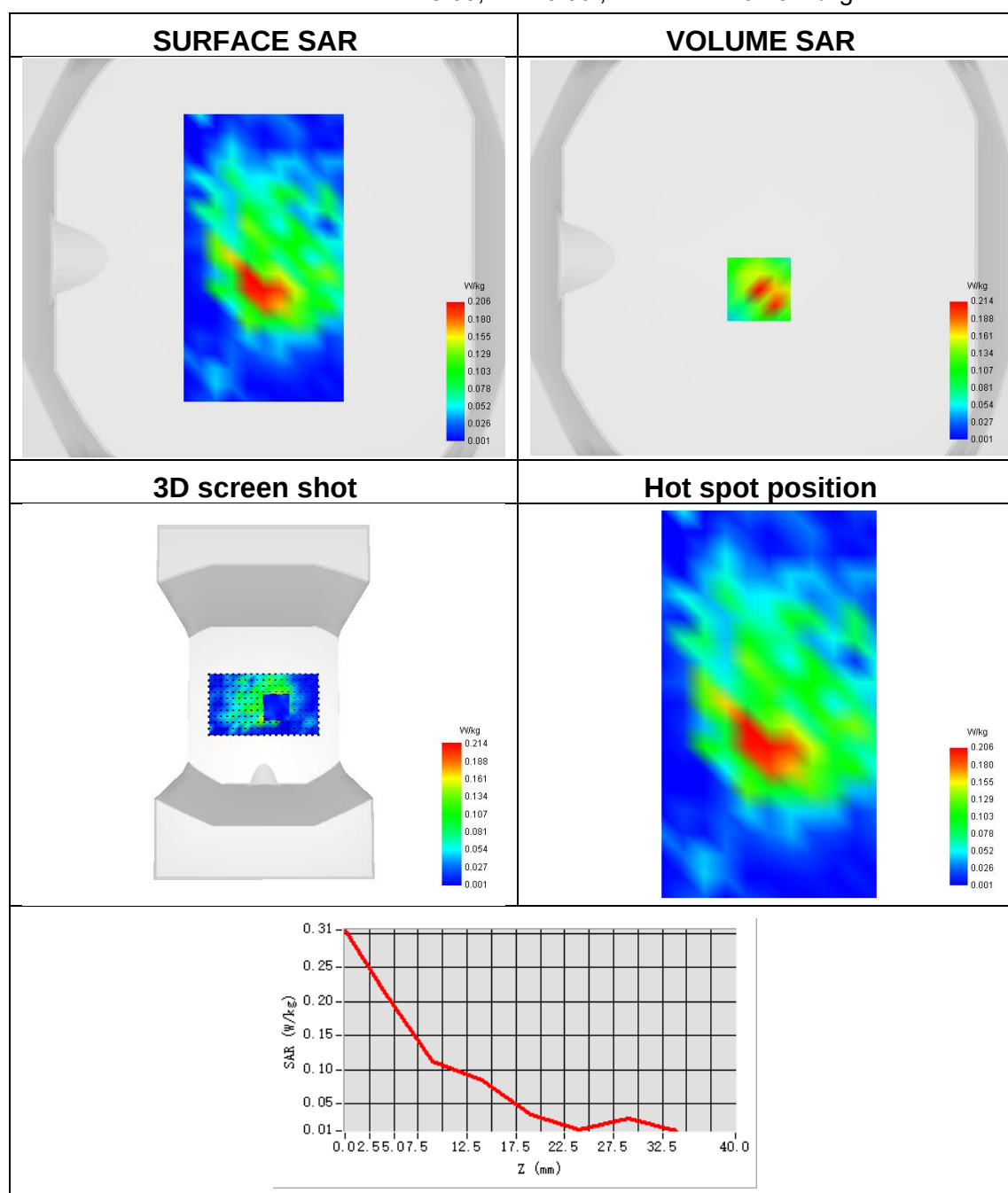
Maximum location: X=-49.00, Y=-53.00 ; SAR Peak: 0.26 W/kg



Plot 26:

Test Date	2023-03-17
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE band 66
Signal	LTE FDD
Frequency	1745
SAR 10g (W/Kg)	0.095
SAR 1g (W/Kg)	0.196

Maximum location: X=-5.00, Y=-16.00 ; SAR Peak: 0.43 W/kg

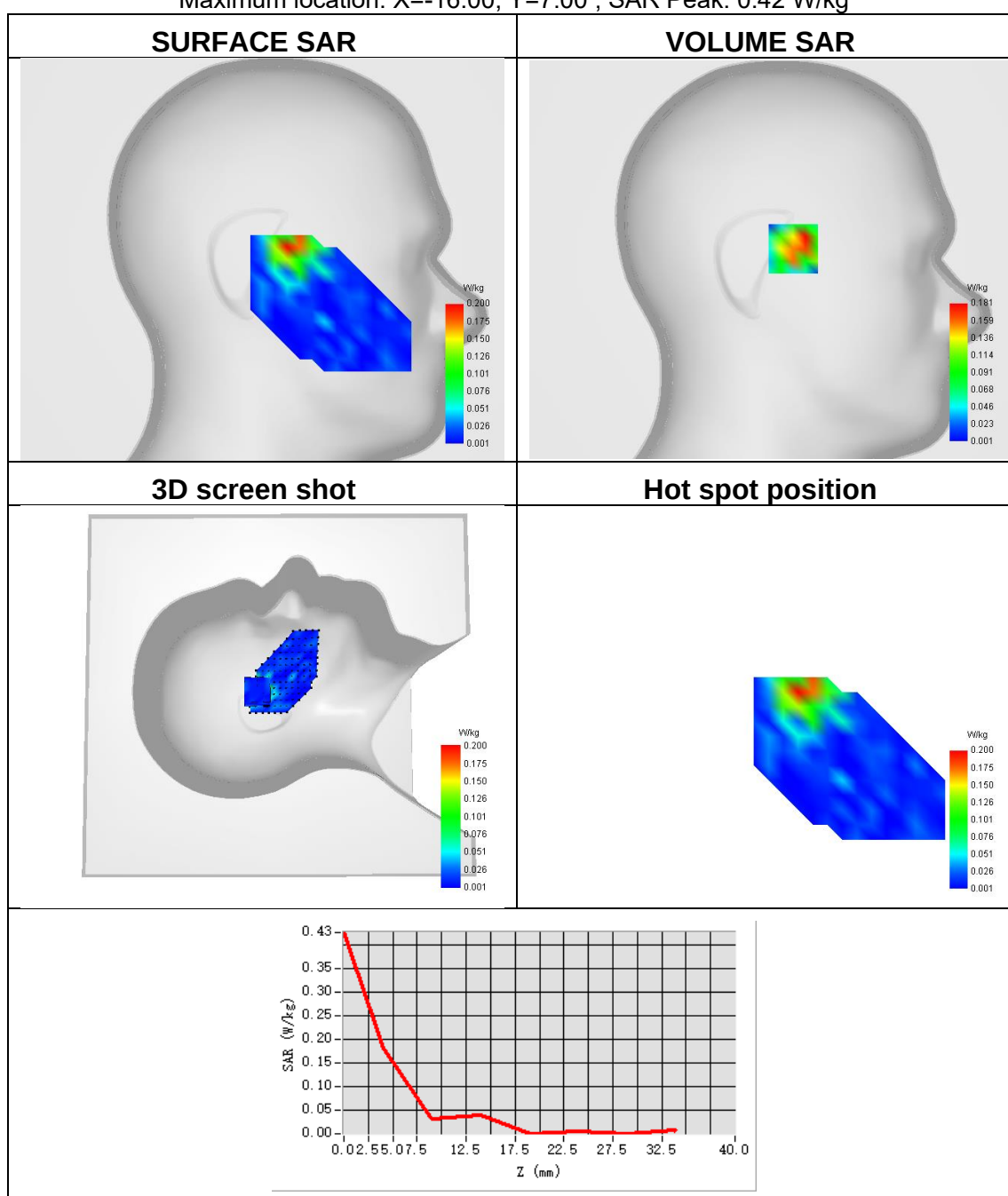




Plot 27:

Test Date	2023-03-02
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11b ISM
Signal	IEEE 802.11
Frequency	2462
SAR 10g (W/Kg)	0.075
SAR 1g (W/Kg)	0.184

Maximum location: X=-16.00, Y=7.00 ; SAR Peak: 0.42 W/kg

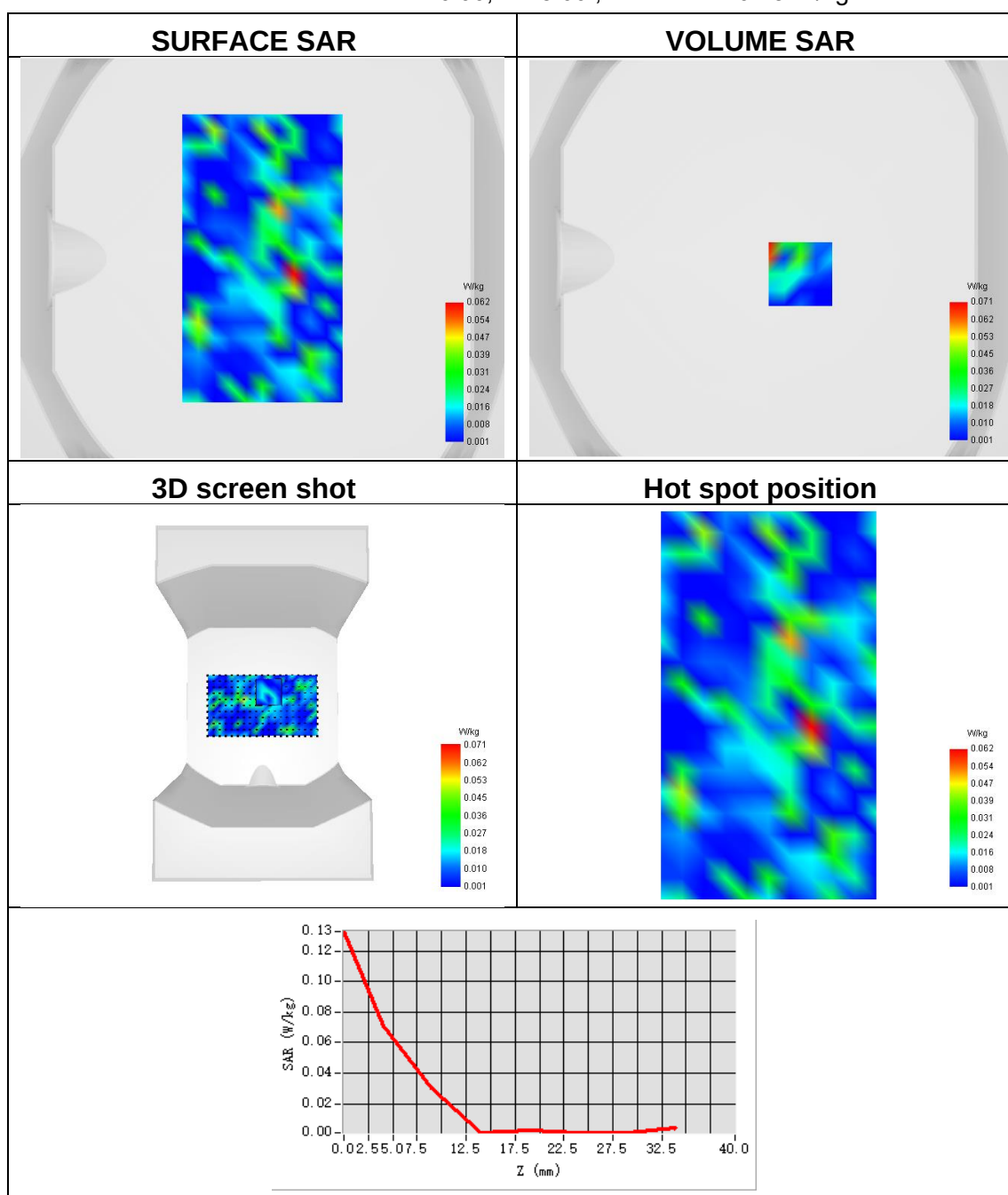




Plot 28:

Test Date	2023-03-02
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Top Side
Band	IEEE 802.11b ISM
Signal	IEEE 802.11
Frequency	2462
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.036

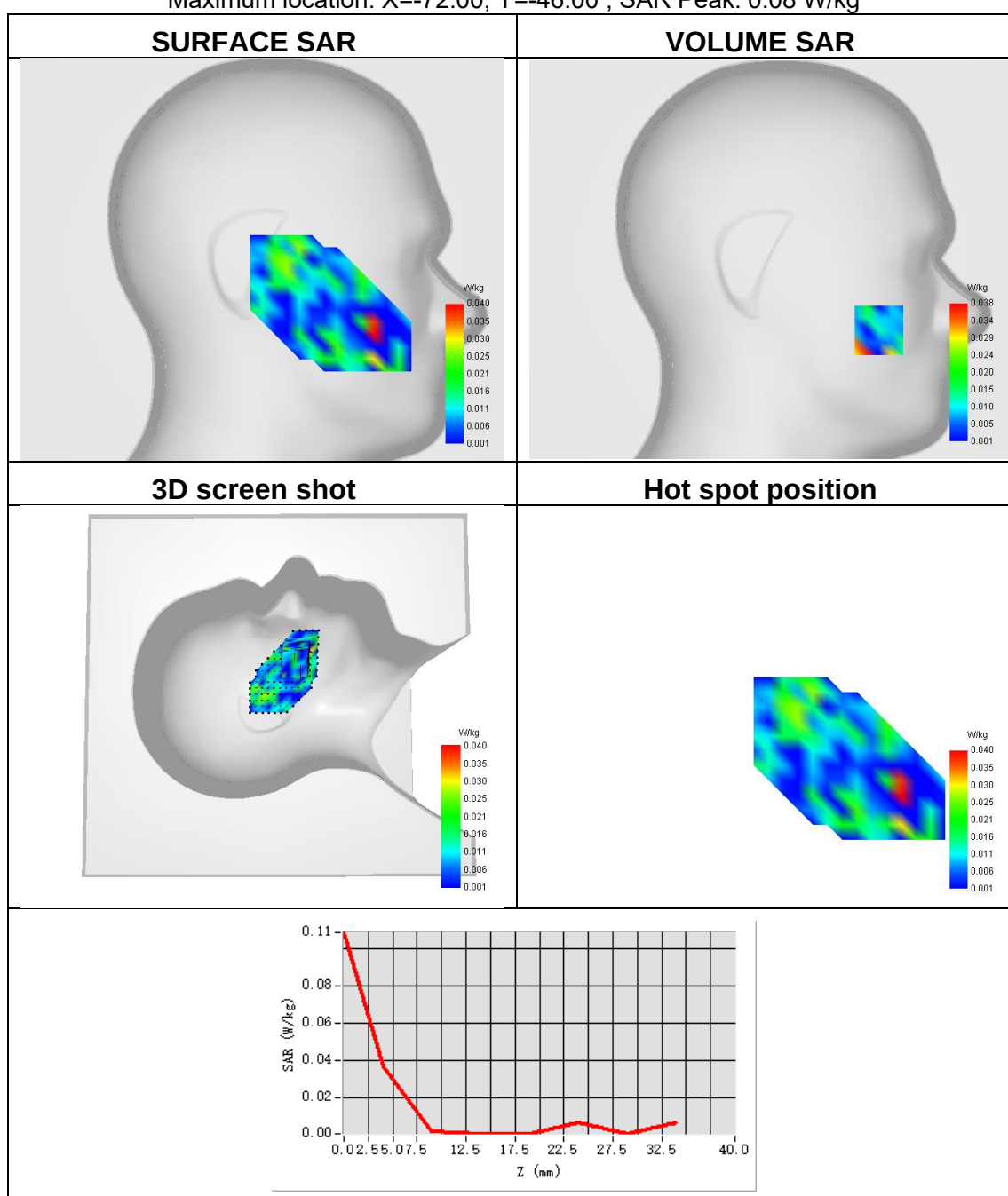
Maximum location: X=16.00, Y=-8.00 ; SAR Peak: 0.18 W/kg



Plot 29:

Test Date	2023-03-02
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Tilt
Band	Bluetooth
Signal	Bluetooth
Frequency	2402
SAR 10g (W/Kg)	0.010
SAR 1g (W/Kg)	0.024

Maximum location: X=-72.00, Y=-46.00 ; SAR Peak: 0.08 W/kg

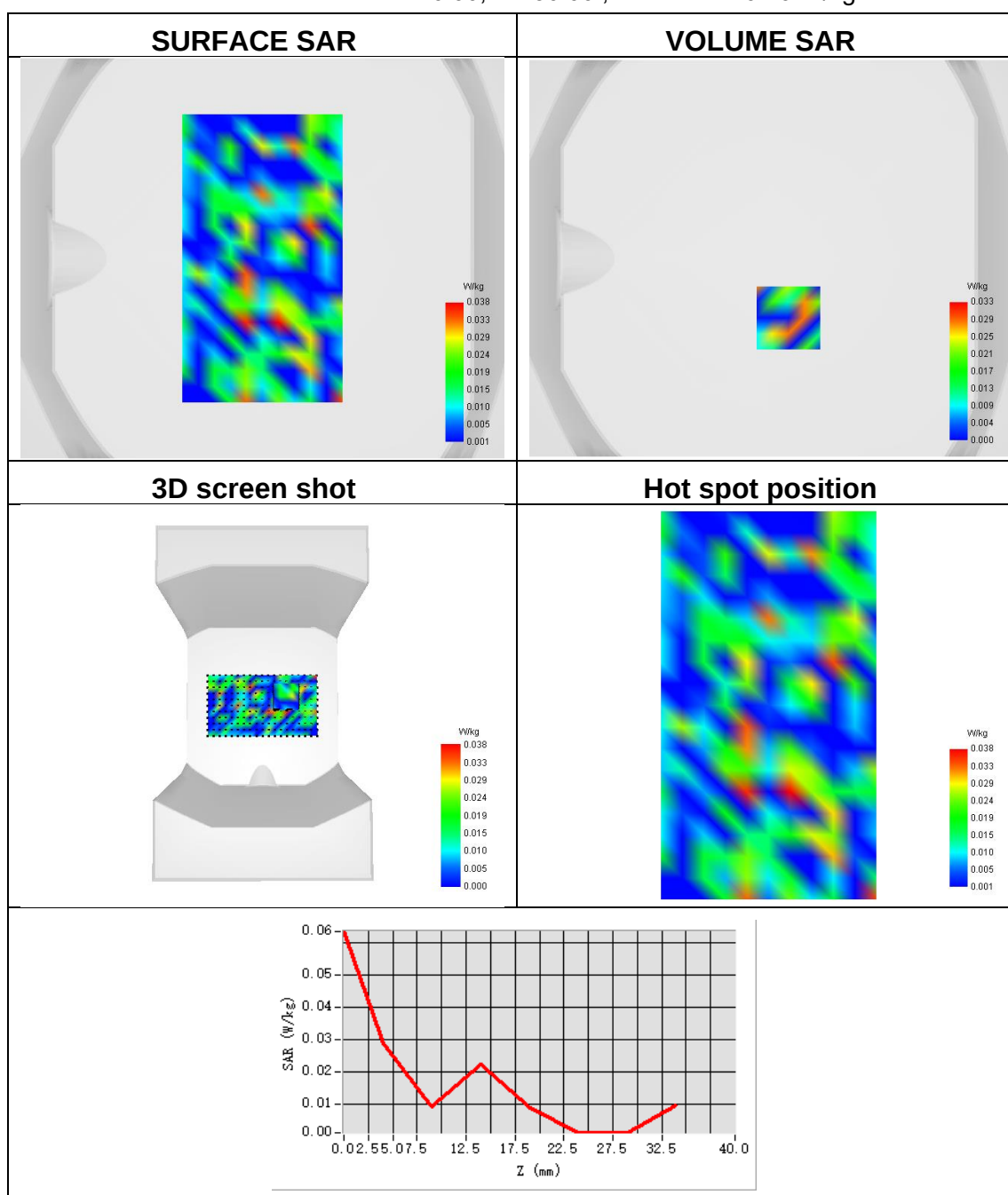




Plot 30:

Test Date	2023-03-02
Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	Bluetooth
Signal	Bluetooth
Frequency	2402
SAR 10g (W/Kg)	0.011
SAR 1g (W/Kg)	0.031

Maximum location: X=10.00, Y=-30.00 ; SAR Peak: 0.10 W/kg

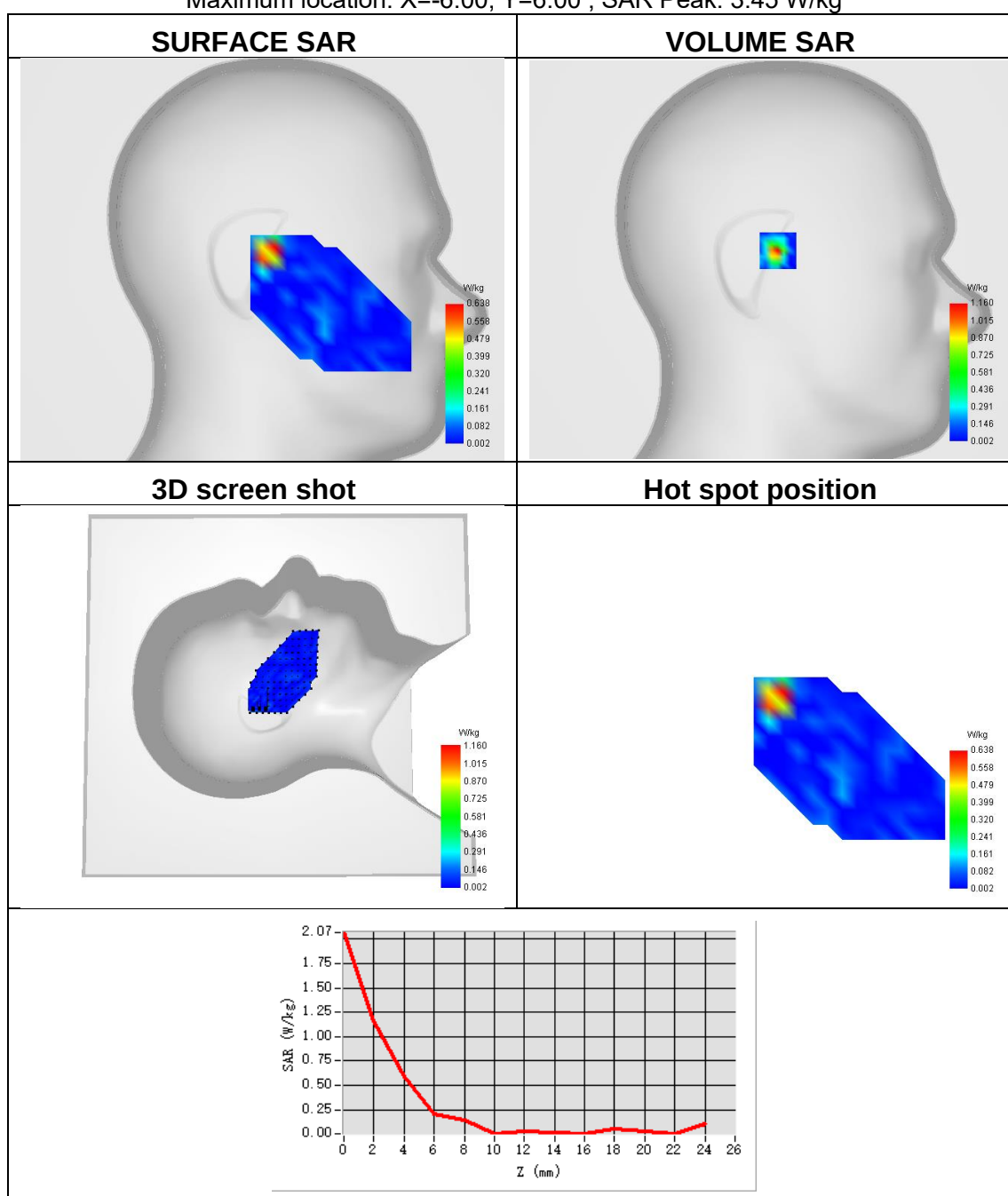




Plot 31:

Test Date	2023-03-18
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5240
SAR 10g (W/Kg)	0.199
SAR 1g (W/Kg)	0.898

Maximum location: X=-6.00, Y=6.00 ; SAR Peak: 3.45 W/kg

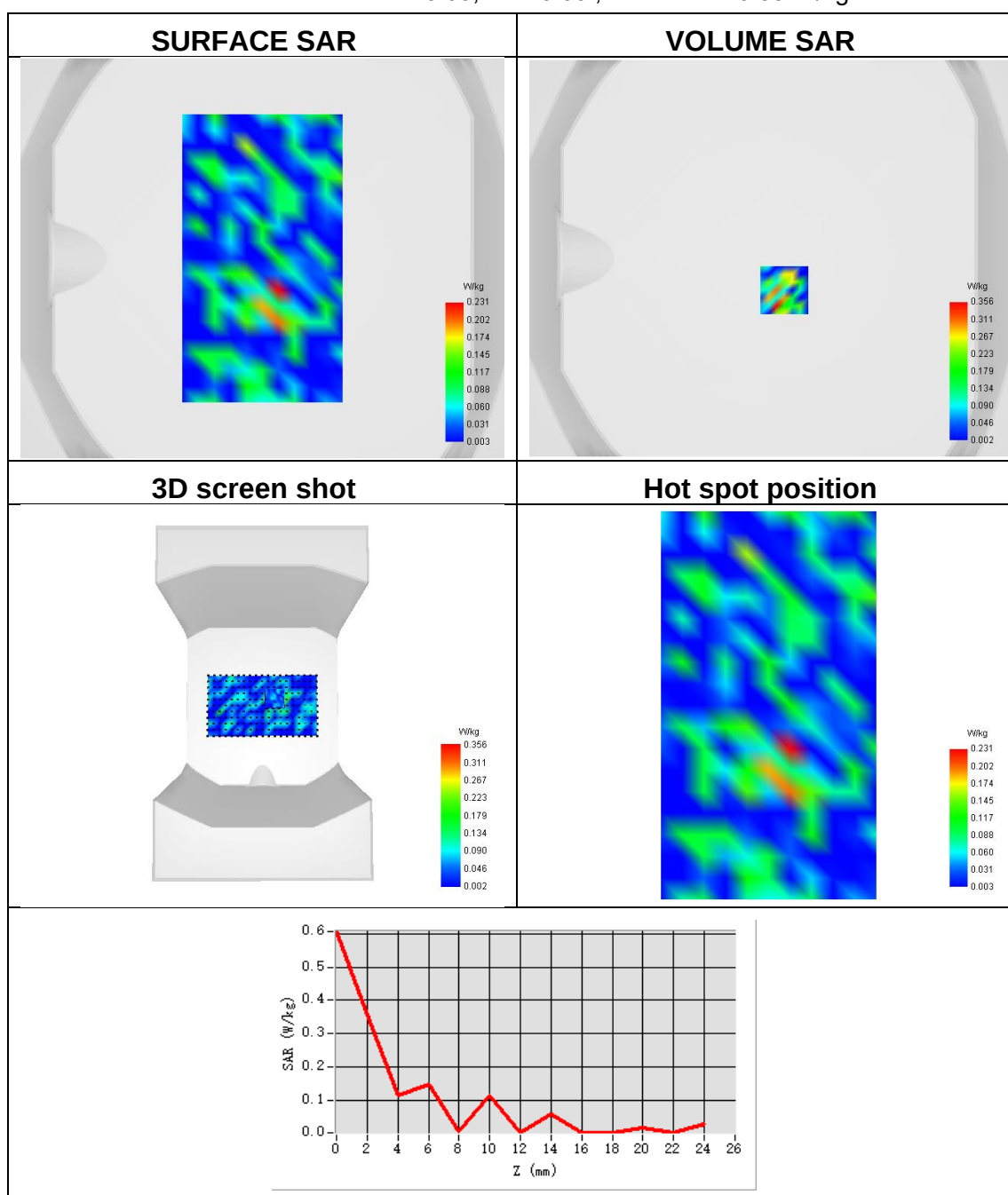




Plot 32:

Test Date	2023-03-18
Area Scan	surf_sam_plan.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Top Side
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5240
SAR 10g (W/Kg)	0.069
SAR 1g (W/Kg)	0.150

Maximum location: X=8.00, Y=-16.00 ; SAR Peak: 0.83 W/kg

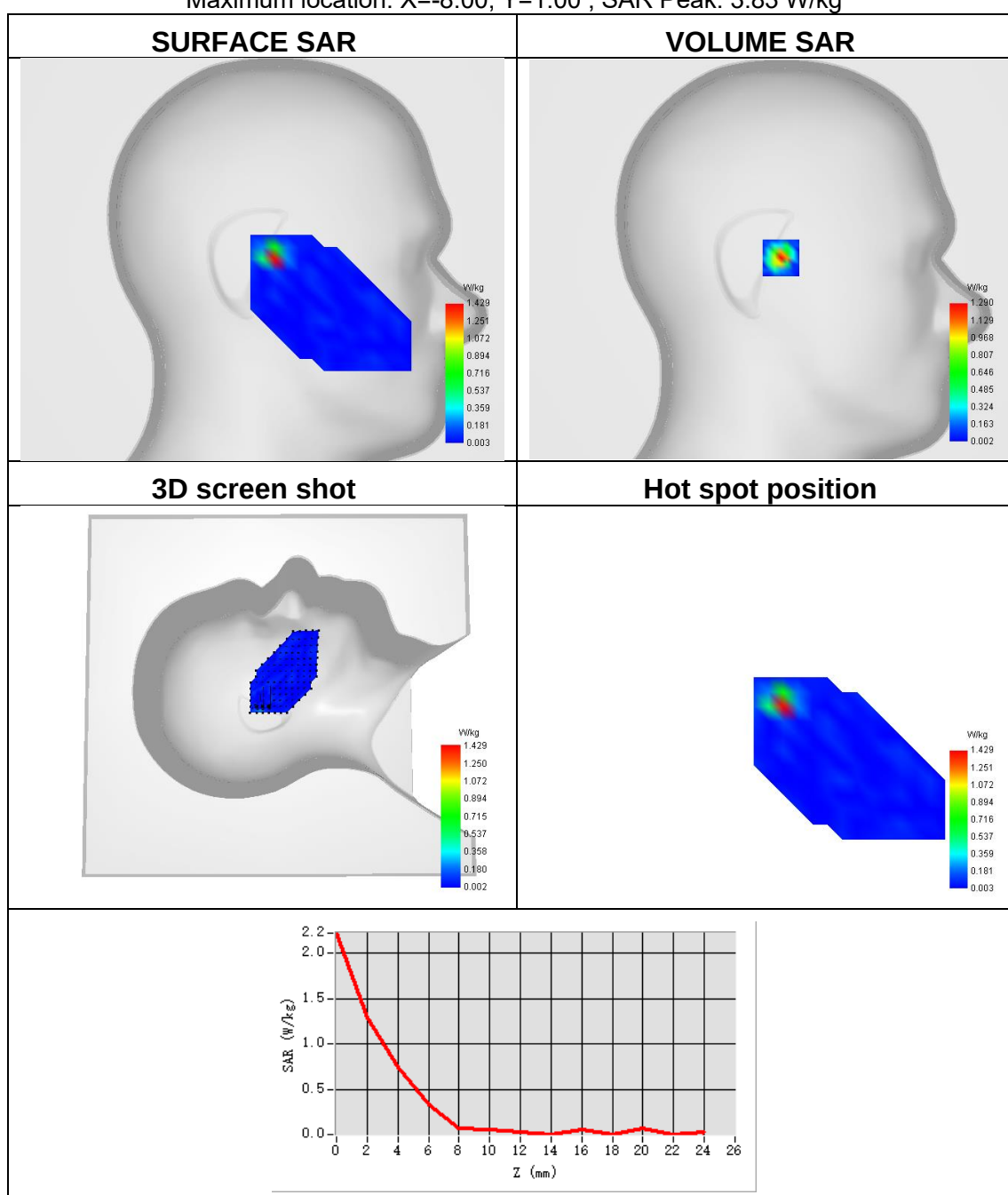




Plot 33:

Test Date	2023-03-19
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5320
SAR 10g (W/Kg)	0.241
SAR 1g (W/Kg)	1.065

Maximum location: X=-8.00, Y=1.00 ; SAR Peak: 3.83 W/kg

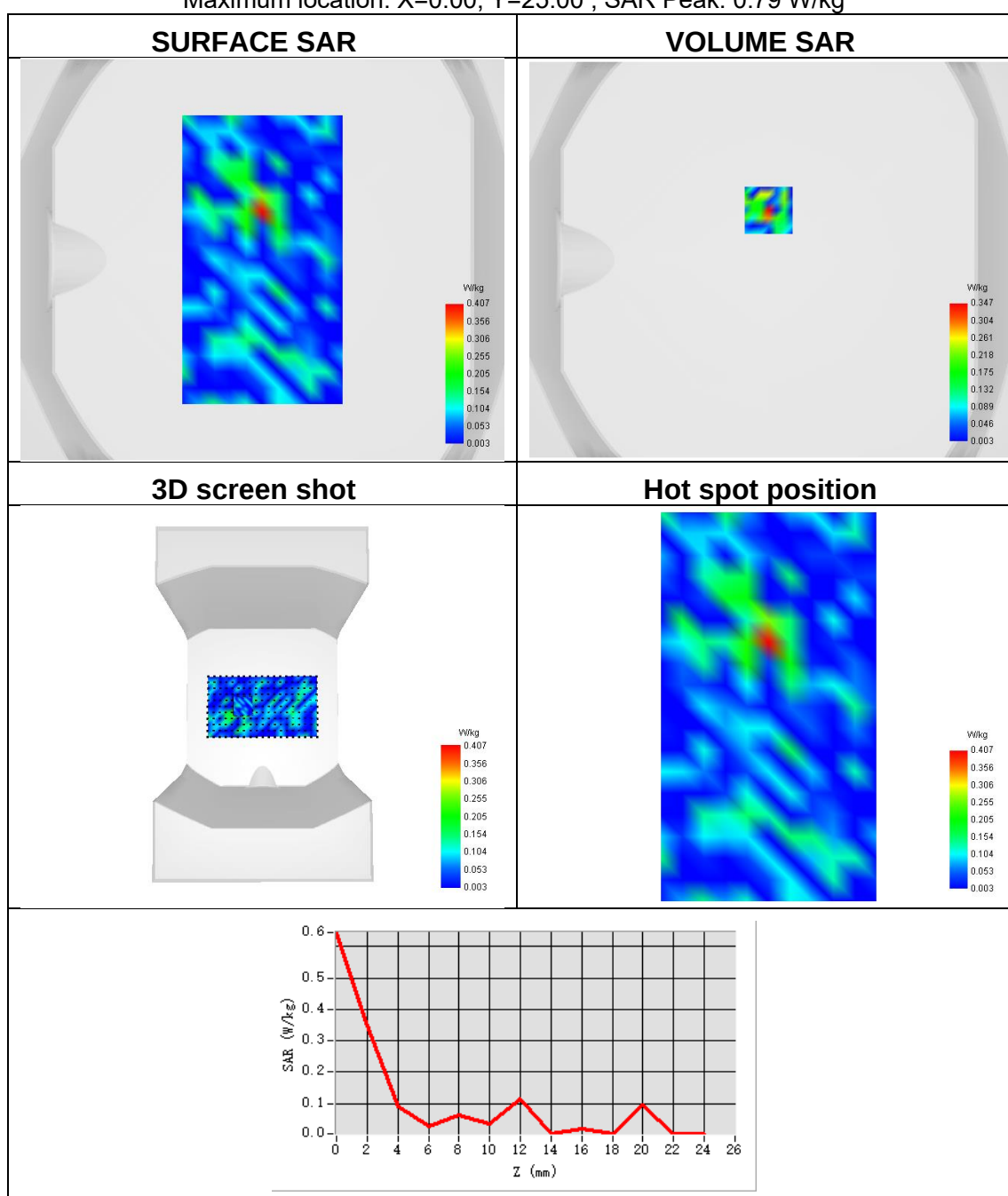




Plot 34:

Test Date	2023-03-19
Area Scan	surf_sam_plan.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Top Side
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5320
SAR 10g (W/Kg)	0.065
SAR 1g (W/Kg)	0.131

Maximum location: X=0.00, Y=25.00 ; SAR Peak: 0.79 W/kg

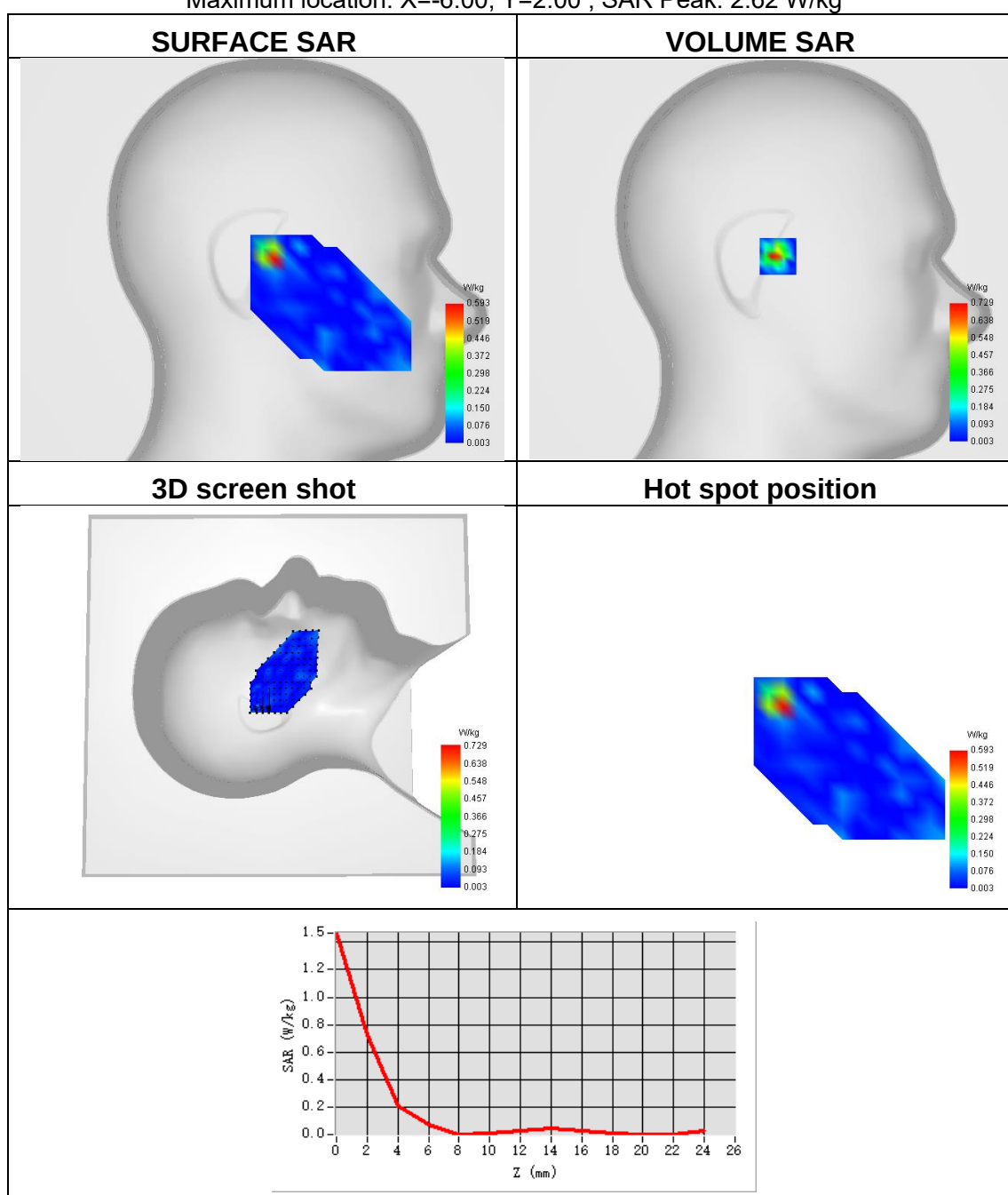




Plot 35:

Test Date	2023-03-03
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5500
SAR 10g (W/Kg)	0.148
SAR 1g (W/Kg)	0.559

Maximum location: X=-6.00, Y=2.00 ; SAR Peak: 2.62 W/kg

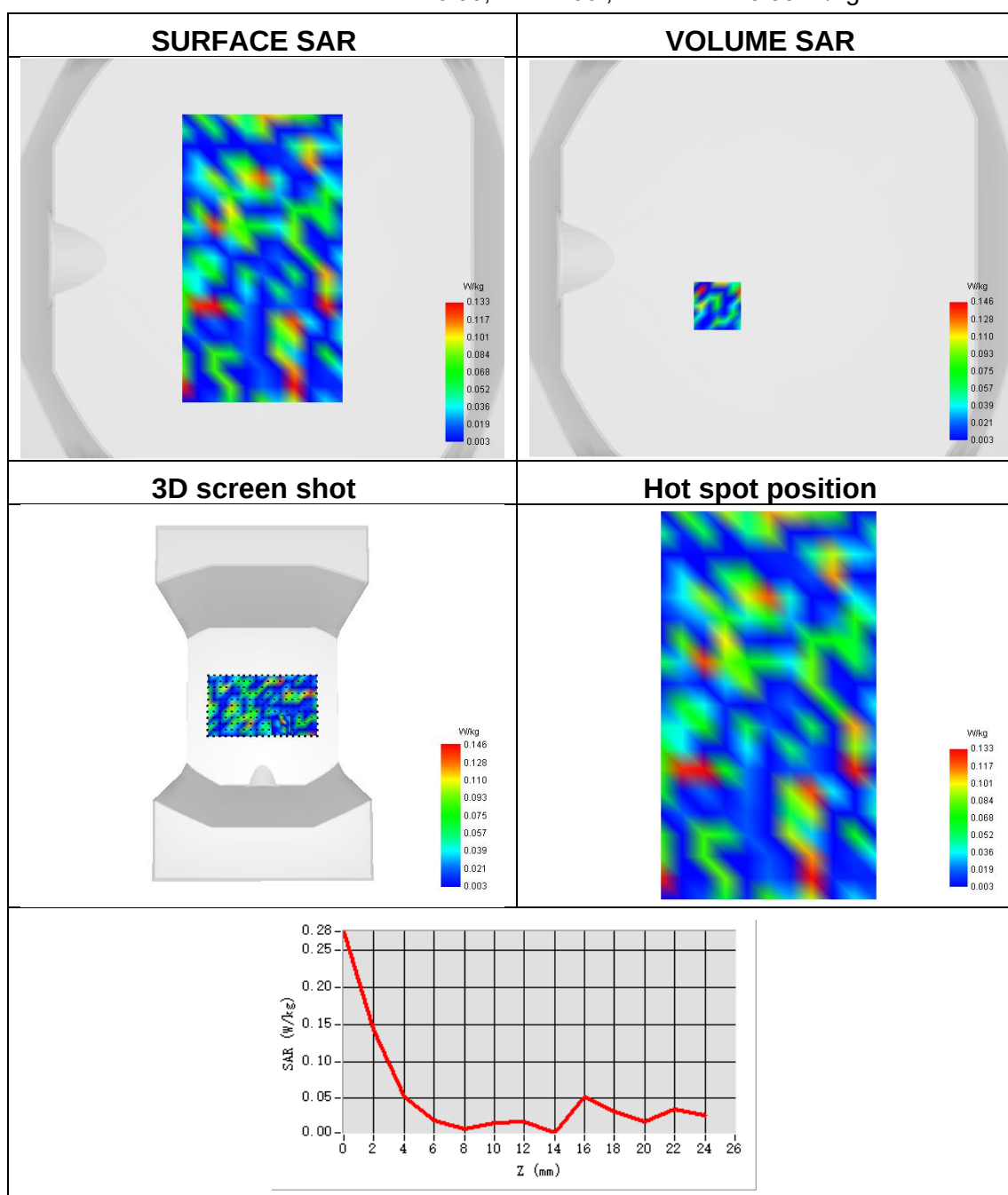




Plot 36:

Test Date	2023-03-03
Area Scan	surf_sam_plan.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5500
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.053

Maximum location: X=-26.00, Y=-24.00 ; SAR Peak: 0.33 W/kg





Plot 37:

Test Date	2023-03-18
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11n U-NII
Signal	IEEE 802.11 n-HT20
Frequency	5745
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.135

Maximum location: X=-8.00, Y=8.00 ; SAR Peak: 0.77 W/kg

