



LTE Band 7	10M	QPSK	1	49	Front side	2510	0.838	0.837	1.001			
			50	0	Front side	2560	0.718	0.698	1.028	-	-	-
			1	49	Back Side	2510	1.075	1.022	1.052	-	-	-
			1	49	Back Side	2535	0.852	0.812	1.050	-	-	-
			1	49	Back Side	2560	0.927	0.922	1.005	-	-	-
			50	0	Back Side	2510	0.776	0.747	1.039	-	-	-
			50	0	Back Side	2535	0.769	0.747	1.029	-	-	-
			50	0	Back Side	2560	0.783	0.754	1.039	-	-	-
LTE Band 66	20M	QPSK	1	99	Front side	1720	0.808	0.779	1.038			
			1	99	Front side	1745	0.786	0.771	1.020	-	-	-
			1	99	Front side	1770	0.791	0.782	1.012	-	-	-
			50	49	Front side	1720	0.705	0.671	1.050	-	-	-
			1	99	Back Side	1720	0.925	0.893	1.036	-	-	-
			1	99	Back Side	1745	1.01	0.977	1.033	-	-	-
			1	99	Back Side	1770	0.931	0.909	1.024	-	-	-
			50	49	Back Side	1720	0.852	0.826	1.032	-	-	-

Note:

1. Per KDB 865664 D01, for each frequency band, repeated SAR measurement is required only when the measured SAR is $\geq 0.8\text{W/Kg}$.
2. Per KDB 865664 D01, if the ratio of largest to smallest SAR for the original and first repeated measurement is ≤ 1.2 and the measured SAR $< 1.45\text{W/Kg}$, only one repeated measurement is required.
3. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is $\geq 1.45\text{W/Kg}$.
4. The ratio is the difference in percentage between original and repeated measured SAR.



12.5 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1. GSM + 2.4GHz WLAN/5G WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN/5G WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN/5G WLAN
	6. LTE + Bluetooth
Body	1. GSM + 2.4GHz WLAN/5G WLAN
	2. GSM + Bluetooth
	3. WCDMA + 2.4GHz WLAN/5G WLAN
	4. WCDMA + Bluetooth
	5. LTE + 2.4GHz WLAN/5G WLAN
	6. LTE + Bluetooth

NOTE:

1. Bluetooth and WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion: a) (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f (GHz) /x] W/kg for test separation distances ≤ 50 mm; Where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR. b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is >50mm.



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Head	GSM	0.411	0.469
		2.4G WLAN	0.058	
	Body	GSM	1.253	1.360
		2.4G WLAN	0.107	
GSM + Bluetooth	Head	GSM	0.411	0.463
		Bluetooth	0.052	
	Body	GSM	1.253	1.303
		Bluetooth	0.050	
WCDMA + 2.4G WLAN	Head	WCDMA	0.385	0.443
		2.4G WLAN	0.058	
	Body	WCDMA	0.892	0.999
		2.4G WLAN	0.107	
WCDMA + Bluetooth	Head	WCDMA	0.385	0.437
		Bluetooth	0.052	
	Body	WCDMA	0.892	0.942
		Bluetooth	0.050	
LTE + 2.4G WLAN	Head	LTE	0.681	0.739
		2.4G WLAN	0.058	
	Body	LTE	1.288	1.395
		2.4G WLAN	0.107	
LTE + Bluetooth	Head	LTE	0.681	0.733
		Bluetooth	0.052	
	Body	LTE	1.288	1.338
		Bluetooth	0.050	

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
SAR Test System	SATIMO	N/A	V5.3.15.11	N/A	N/A
750MHz Dipole	MVG	SID750	SN 30/14 DIP0G750-331	2023.07.04	2026.07.03
835MHz Dipole	MVG	SID835	SN 30/14 DIP0G835-332	2023.07.04	2026.07.03
1800MHz Dipole	MVG	SID1800	5023-DIP1G800-747	2023.12.20	2026.12.19
1900MHz Dipole	MVG	SID1900	SN 30/14 DIP1G900-333	2023.09.14	2026.09.13
2450MHz Dipole	MVG	SID2450	SN 30/14 DIP2G450-335	2023.07.04	2026.07.03
2600MHz Dipole	MVG	SID2600	SN 30/14 DIP2G600-336	2023.07.04	2026.07.03
E-Field Probe	MVG	SSE2	SN 08/21 EPG0352	2025.09.15	2026.09.14
Dielectric Probe Kit	MVG	SCLMP	SN 32/14 OCPG67	2025.09.15	2026.09.14
Antenna	MVG	ANTA3	SN 07/13 ZNTA52	N/A	N/A
Phantom1	MVG	SAM	SN 32/14 SAM115	N/A	N/A
Phantom3	MVG	SAM	SN 21/21 ELLI48	N/A	N/A
Phone holder	MVG	N/A	SN 32/14 MSH97	N/A	N/A
Laptop holder	MVG	N/A	SN 32/14 LSH29	N/A	N/A
Attenuator	Agilent	HXT-10-8-SMA	240327017	2025-02-22	2026-02-21
Directional coupler	Xi'an Xingbo	XBOH-OA08-20dB	211123-4-3	2025-02-22	2026-02-21
Network Analyzer	Agilent	E5071C	MY46520378	2025-09-26	2026-09-24
Multi Meter	Keithley	Multi Meter 2000	4050073	2025-09-22	2026-09-21
Signal Generator	Agilent	N5182A	MY50140530	2025-09-26	2026-09-25
Wireless Communication Test Set	Agilent	8960-E5515C	MY48360751	2025-02-22	2026-02-21
Wireless Communication Test Set	R&S	CMW500	156324	2025-09-25	2026-09-24
Power Amplifier	DESAY	WCS-DLNA50M8G50G1	CSKJLNA231227A	2025-09-29	2026-09-28
Power Meter	R&S	NRP	100510	2025-09-25	2026-09-24
Power Sensor	R&S	NRP-Z11	101919	2025-09-25	2026-09-24
Power Sensor	Keysight	U2021XA	MY56280002	2025-09-25	2026-09-24
Temperature hygrometer	TOPRIE	TP502V4-P	6700000124198	2025.10.09	2026.10.08
Thermograph	Elitech	RC-4	S/N EF7176501537	2025.10.17	2026.10.16



Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)

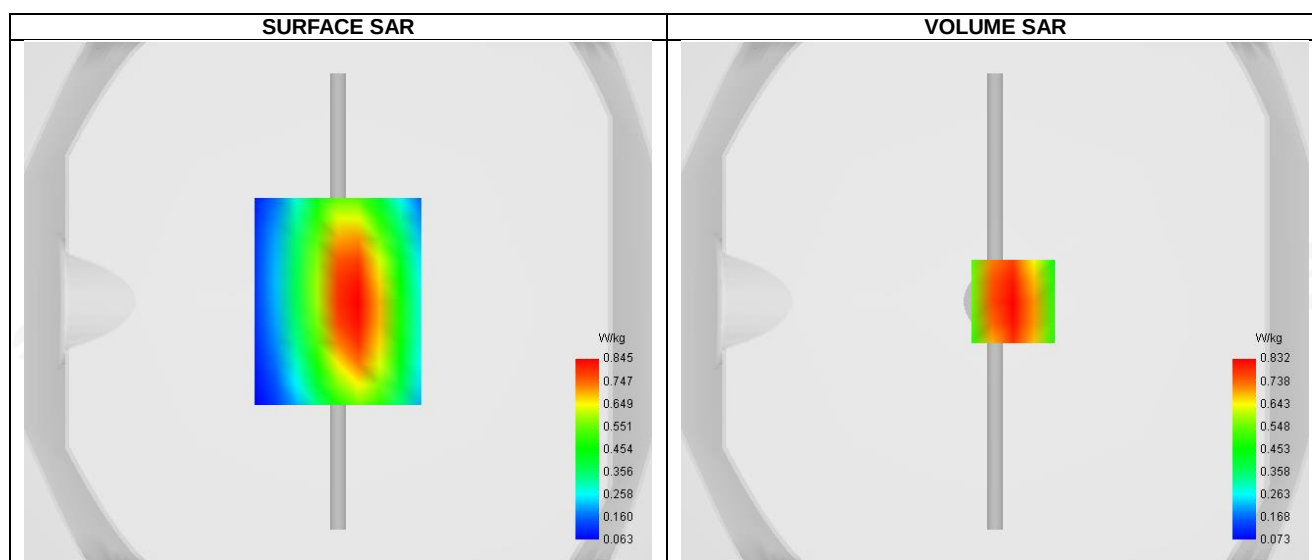
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-11-26

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW
Frequency (MHz)	750MHz
Relative permittivity	41.90
Conductivity (S/m)	0.89
Probe	SN 08/21 EPGO352
ConvF	1.51
Crest factor	1:1



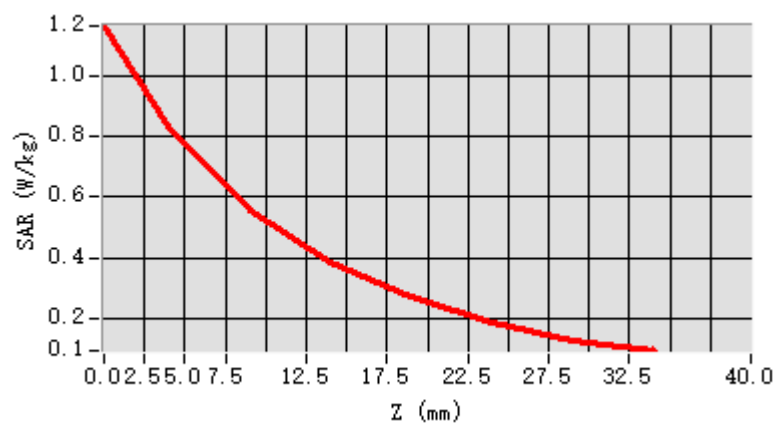
Maximum location: X=7.00, Y=0.00 ; SAR Peak: 1.16 W/kg

D. SAR 1g & 10g

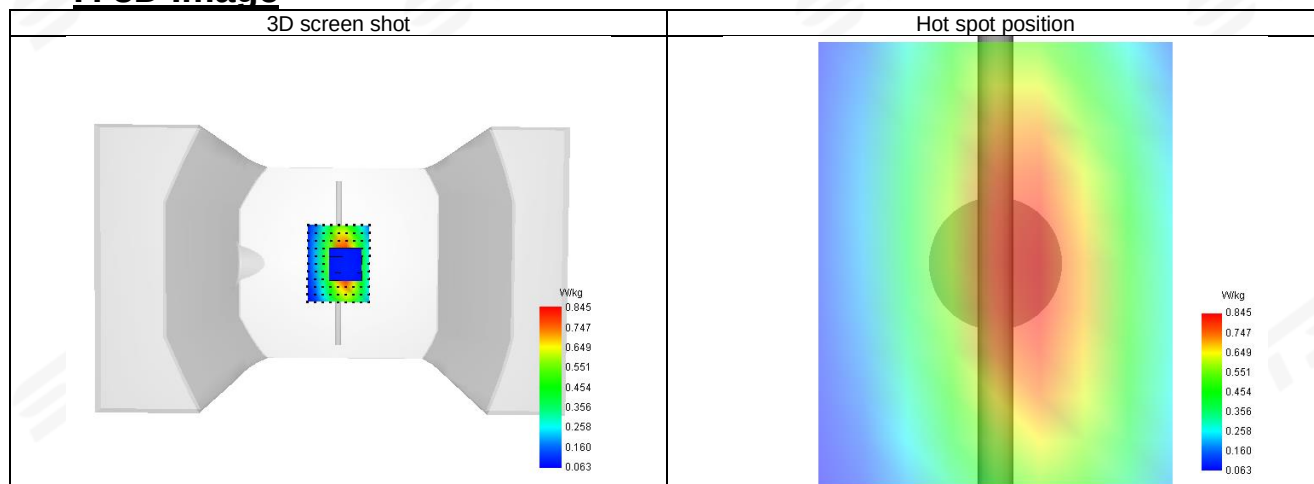
SAR 10g (W/Kg)	0.505
SAR 1g (W/Kg)	0.835
Horizontal validation criteria: minimum distance (mm)	9.513027
Vertical validation criteria: SAR ratio M2/M1 (%)	67.067307

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.162	0.832	0.558	0.384	0.272	0.188	0.130



F. 3D Image



**System Performance Check Data (835MHz)**

Type: Phone measurement (Complete)

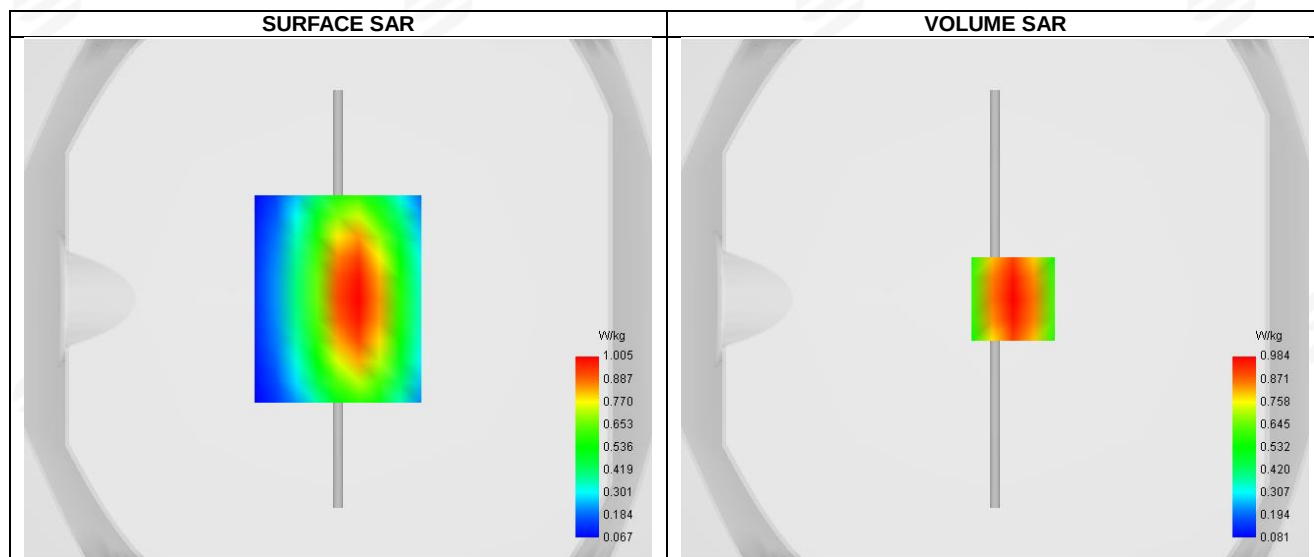
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-11-26

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW
Frequency (MHz)	835MHz
Relative permittivity	42.49
Conductivity (S/m)	0.91
Probe	SN 08/21 EPGO352
ConvF	1.49
Crest factor:	1:1



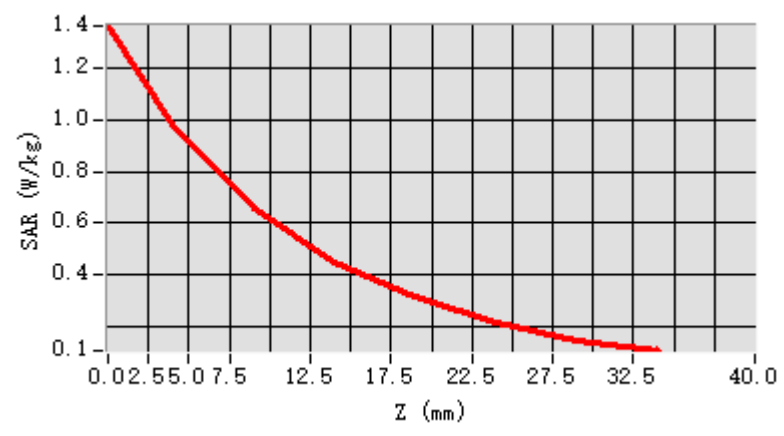
Maximum location: X=7.00, Y=0.00 ; SAR Peak: 1.36 W/kg

D. SAR 1g & 10g

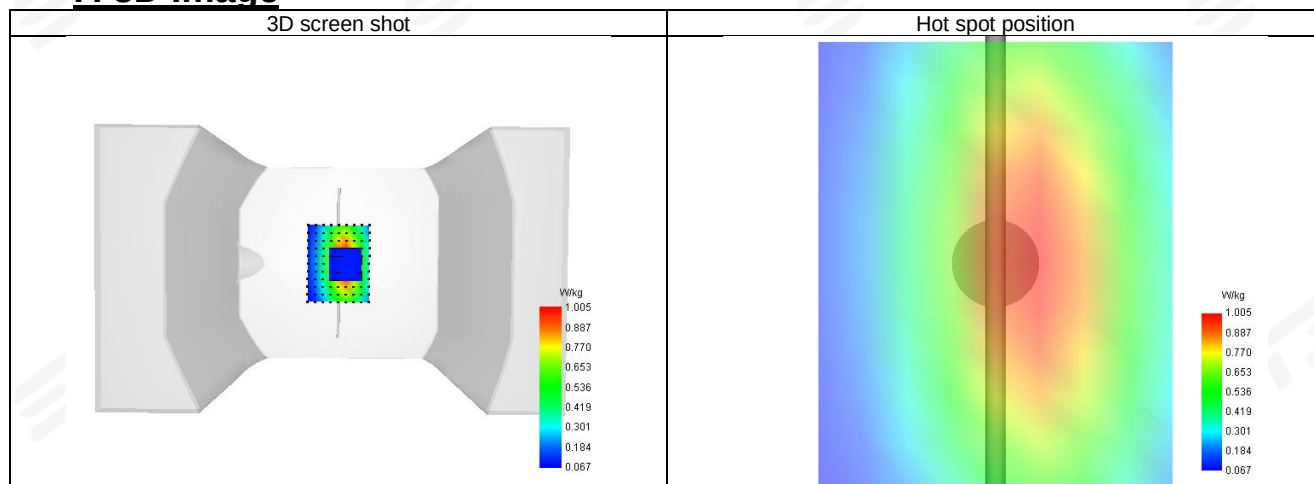
SAR 10g (W/Kg)	0.656
SAR 1g (W/Kg)	0.947
Horizontal validation criteria: minimum distance (mm)	11.649251
Vertical validation criteria: SAR ratio M2/M1 (%)	66.971544

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.367	0.984	0.659	0.446	0.313	0.214	0.147



F. 3D Image



**System Performance Check Data(1800MHz)**

Type: Phone measurement (Complete)

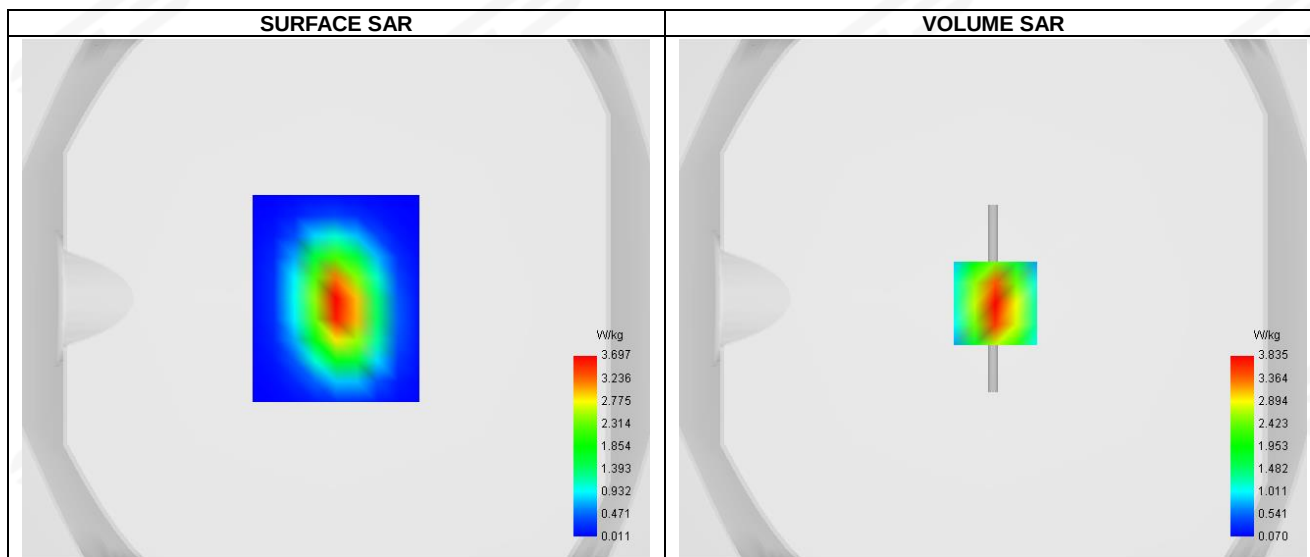
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-11-25

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1800MHz
Relative permittivity	40.60
Conductivity (S/m)	1.38
Probe	SN 08/21 EPGO352
ConvF	1.54
Crest factor:	1:1



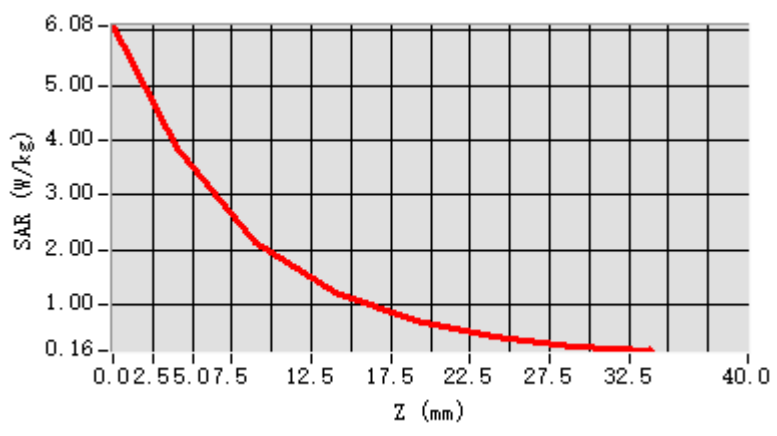
Maximum location: X=1.00, Y=-2.00 ; SAR Peak: 6.04 W/kg

D. SAR 1g & 10g

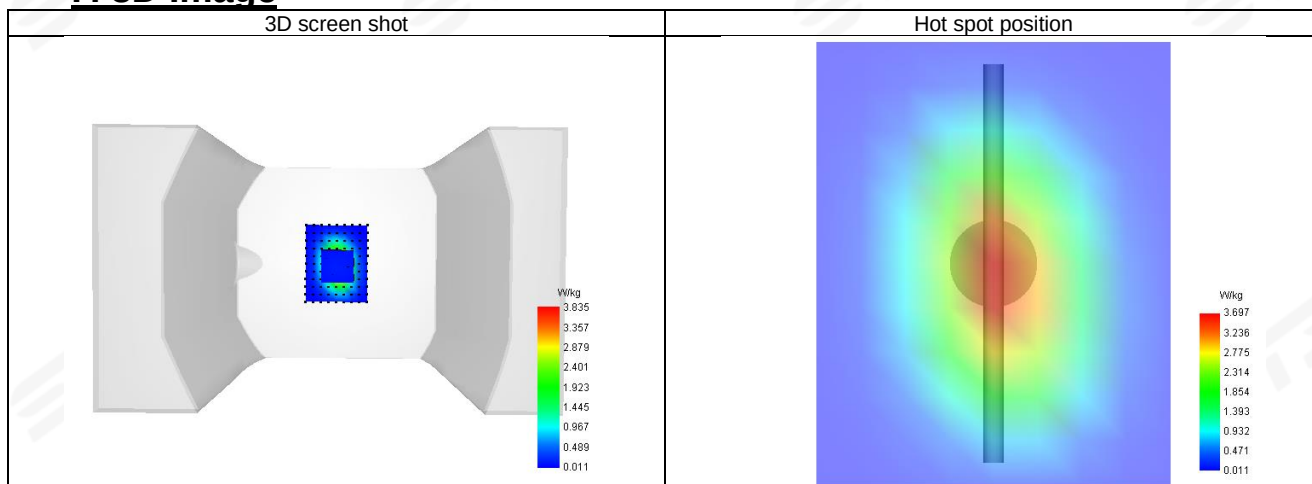
SAR 10g (W/Kg)	1.996
SAR 1g (W/Kg)	3.853
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.298884

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.084	3.835	2.121	1.220	0.720	0.415	0.239



F. 3D Image



**System Performance Check Data (1900MHz)**

Type: Phone measurement (Complete)

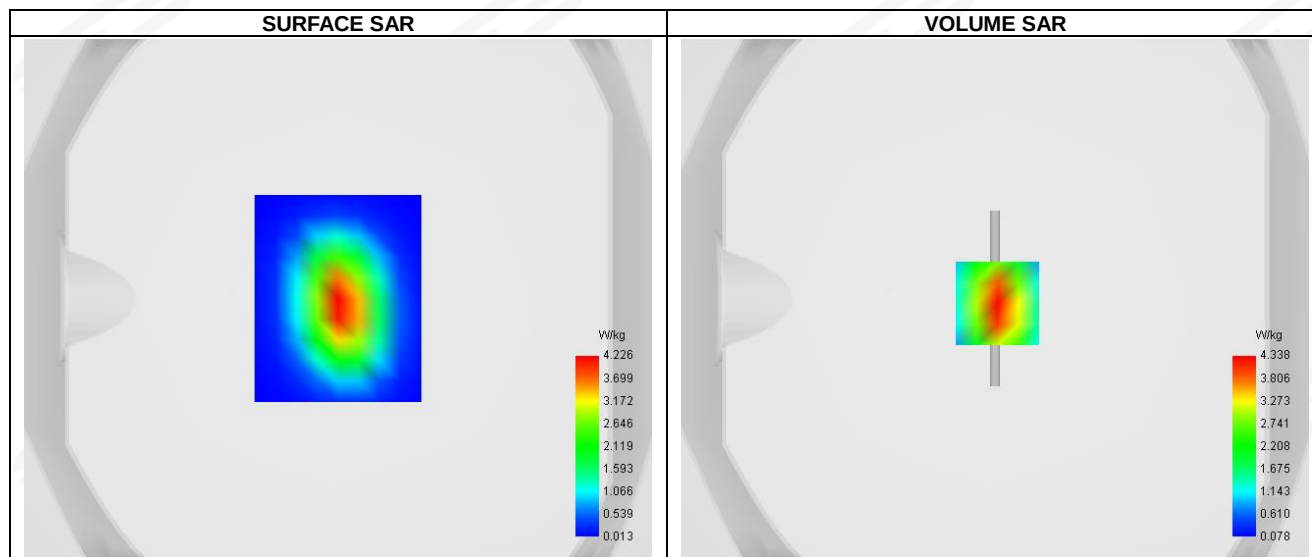
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-11-30

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1900MHz
Relative permittivity	40.34
Conductivity (S/m)	1.41
Probe	SN 08/21 EPGO352
ConvF	1.73
Crest factor:	1:1



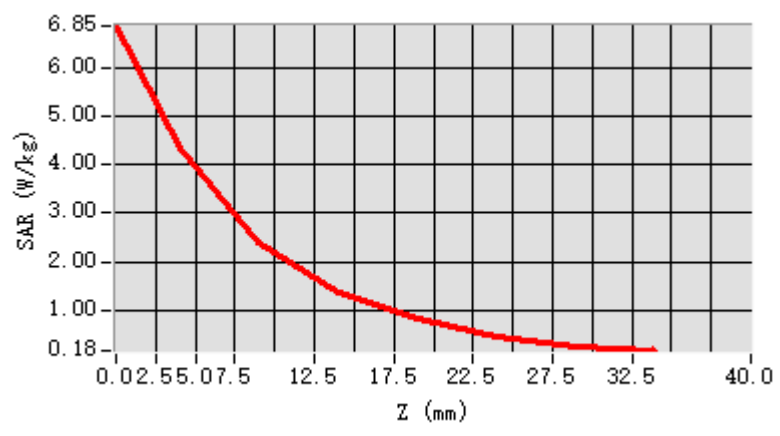
Maximum location: X=1.00, Y=-2.00 ; SAR Peak: 6.80 W/kg

D. SAR 1g & 10g

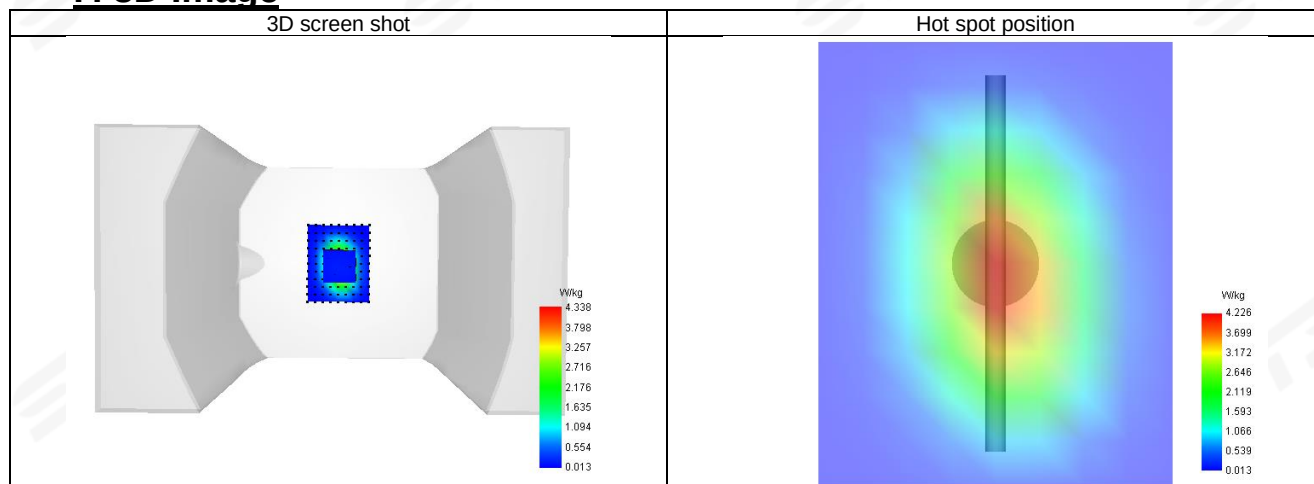
SAR 10g (W/Kg)	2.049
SAR 1g (W/Kg)	3.964
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.612022

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.851	4.338	2.413	1.381	0.817	0.471	0.271



F. 3D Image



**System Performance Check Data (2450MHz)**

Type: Phone measurement (Complete)

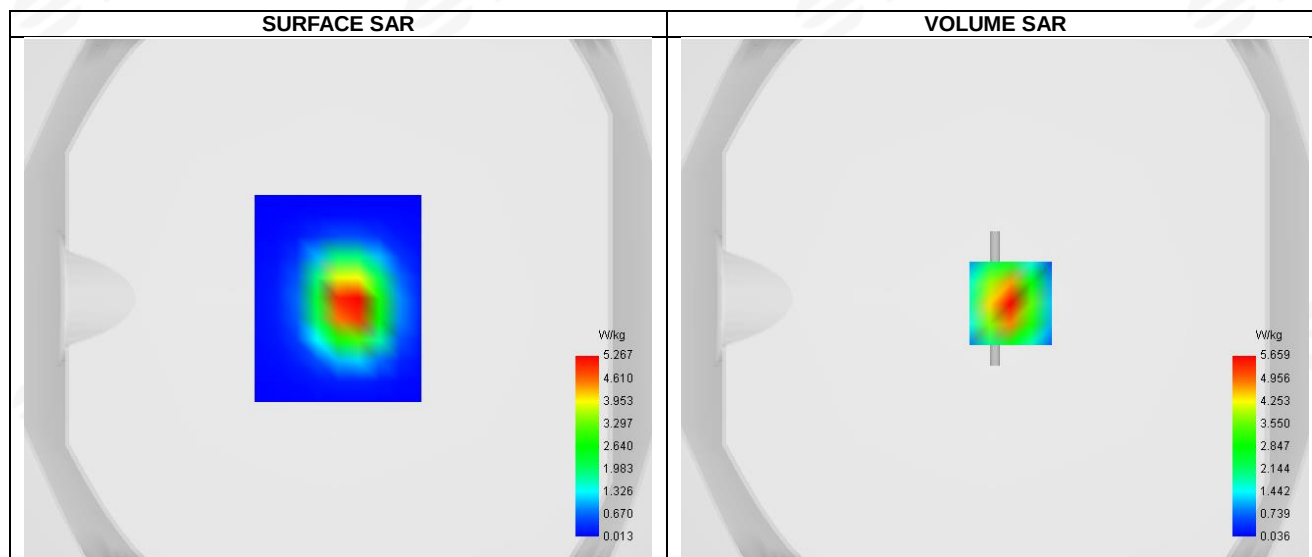
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2025-11-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.18
Conductivity (S/m)	1.80
Probe	SN 08/21 EPG0352
ConvF	1.82
Crest factor:	1:1



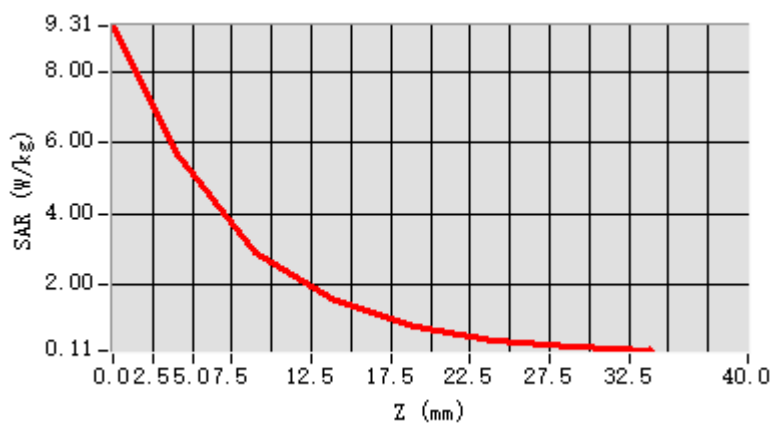
Maximum location: X=6.00, Y=-2.00 ; SAR Peak: 9.30 W/kg

D. SAR 1g & 10g

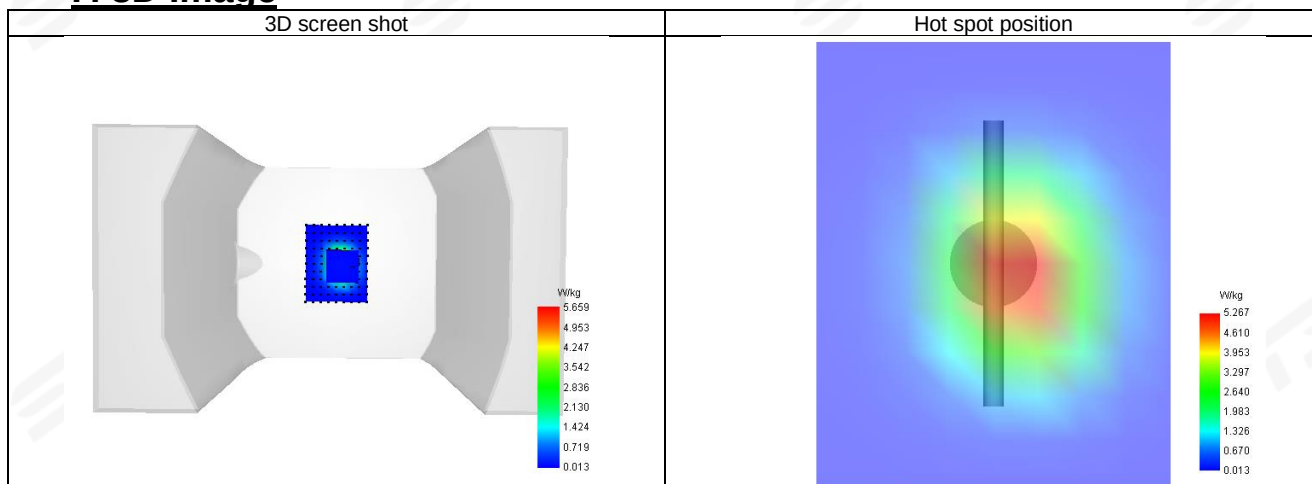
SAR 10g (W/Kg)	2.416
SAR 1g (W/Kg)	5.489
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.221095

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.314	5.659	2.899	1.514	0.785	0.407	0.211



F. 3D Image



**System Performance Check Data(2600MHz)**

Type: Phone measurement (Complete)

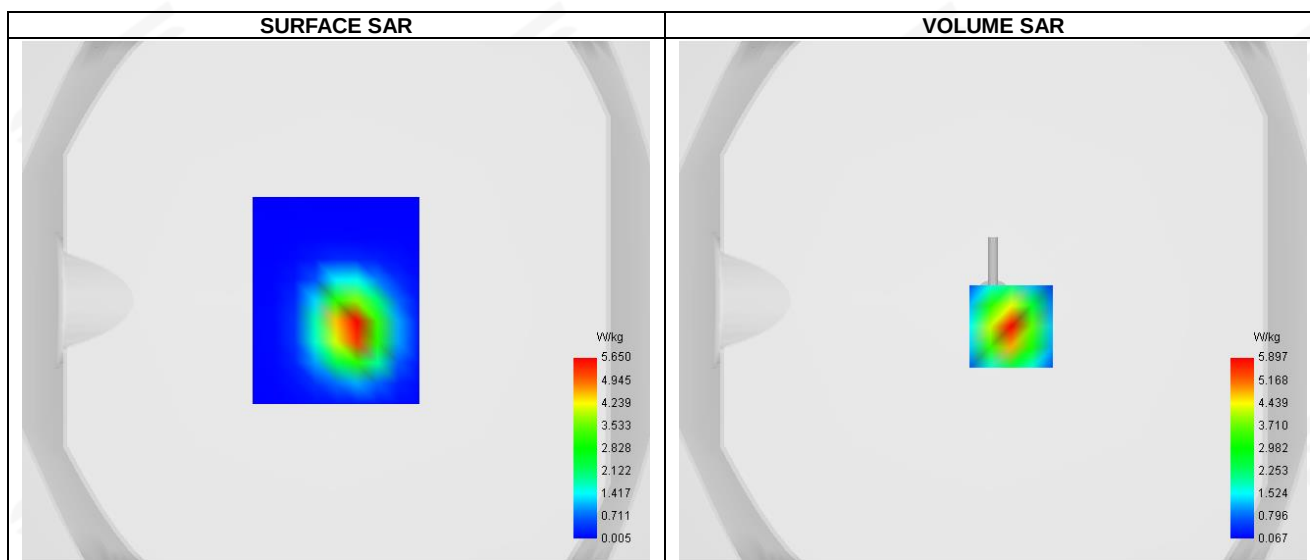
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2025-11-29

Experimental conditions.

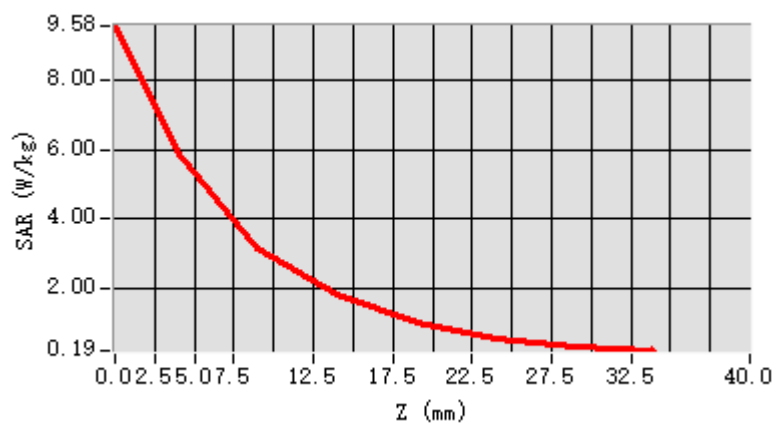
Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2600
Relative permittivity	39.44
Conductivity (S/m)	1.93
Probe	SN 08/21 EPGO352
ConvF	1.70
Crest factor:	1:1

**D. SAR 1g & 10g**

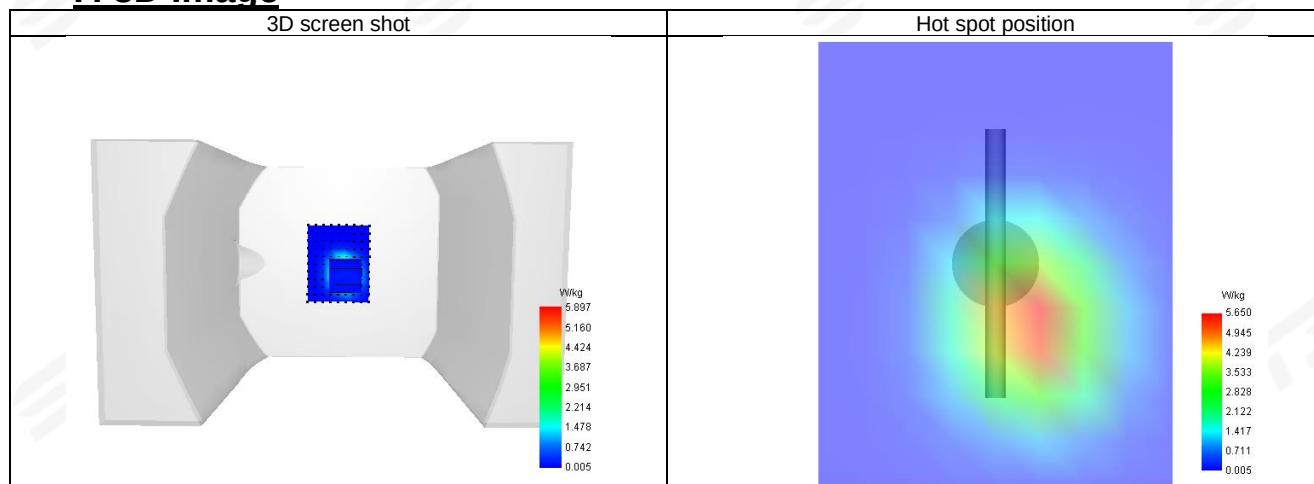
SAR 10g (W/Kg)	2.441
SAR 1g (W/Kg)	5.566
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	53.084433

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.578	5.897	3.130	1.809	1.010	0.564	0.315



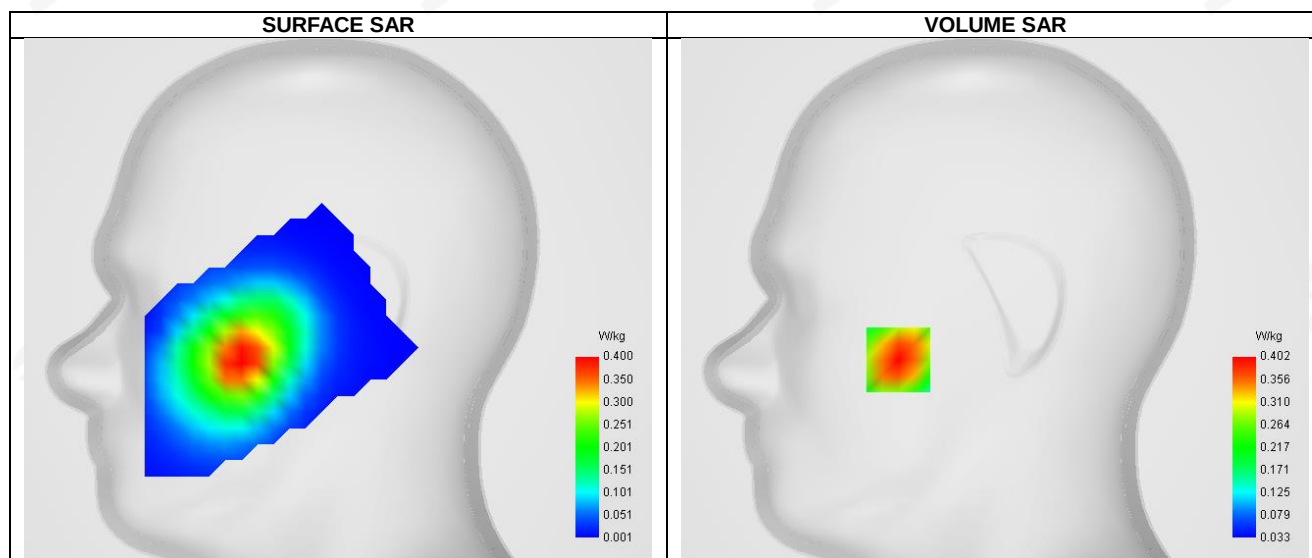
F. 3D Image



Appendix B. SAR Test Plots

Plot 1: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-26
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	848.8
Relative permittivity (real part)	41.96
Conductivity (S/m)	0.88



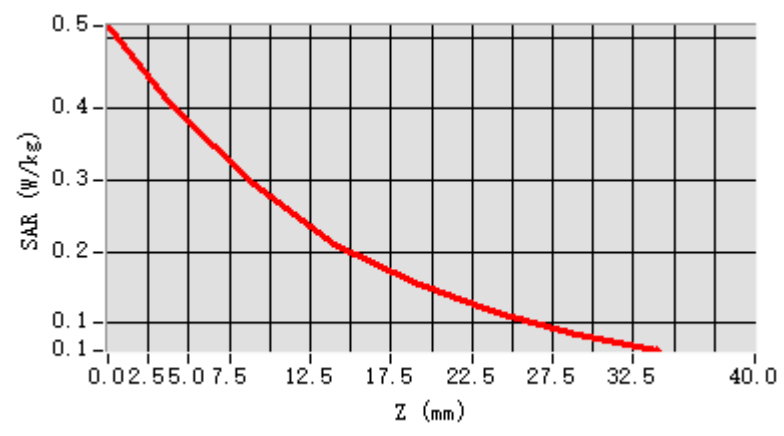
Maximum location: X=-48.00, Y=-30.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

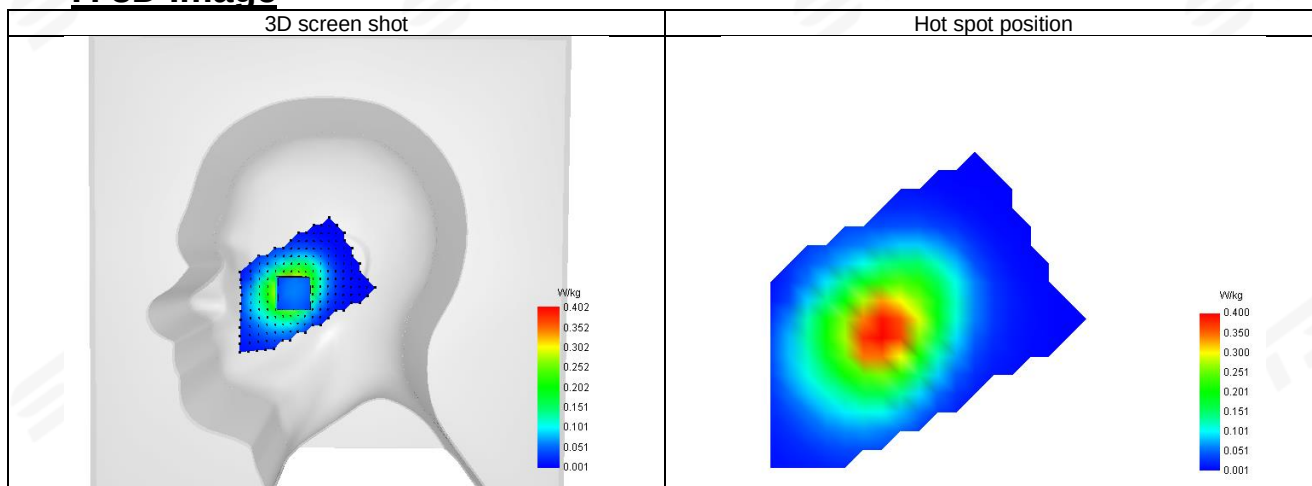
SAR 10g (W/Kg)	0.253
SAR 1g (W/Kg)	0.379
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	73.298402

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.515	0.402	0.295	0.211	0.156	0.114	0.083

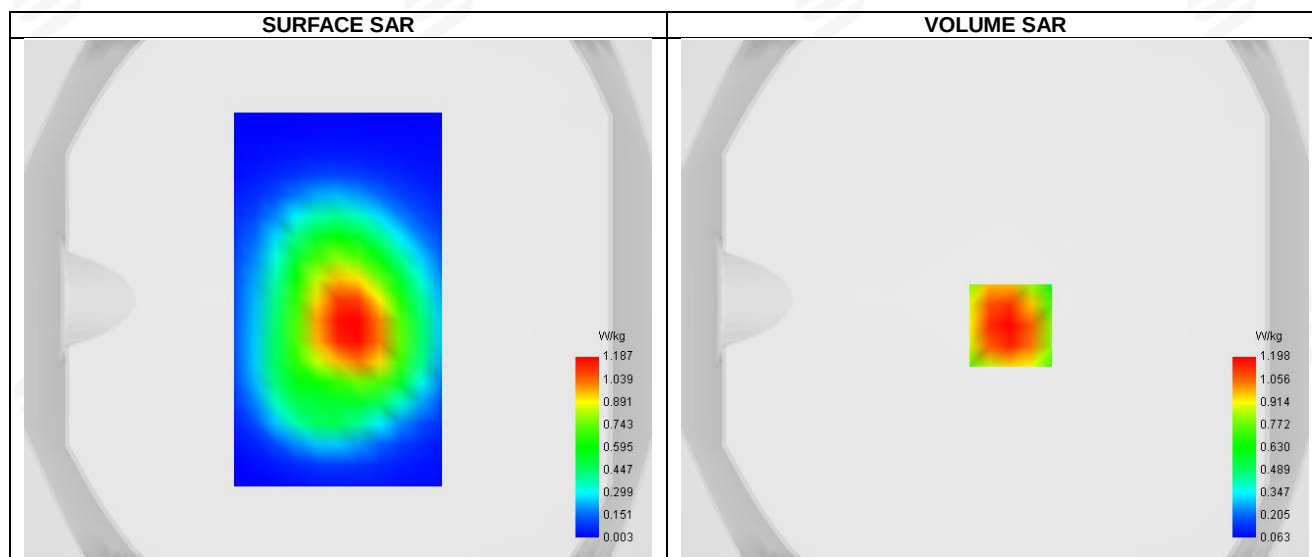


F. 3D Image



**Plot 2: DUT: Mini smartphone; EUT Model: XS19Pro**

Test Date	2025-11-26
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	848.8
Relative permittivity (real part)	41.96
Conductivity (S/m)	0.88



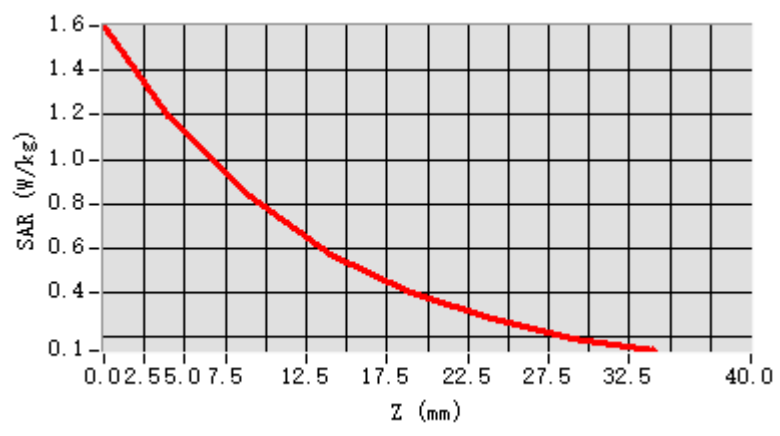
Maximum location: X=6.00, Y=-10.00 ; SAR Peak: 1.63 W/kg

D. SAR 1g & 10g

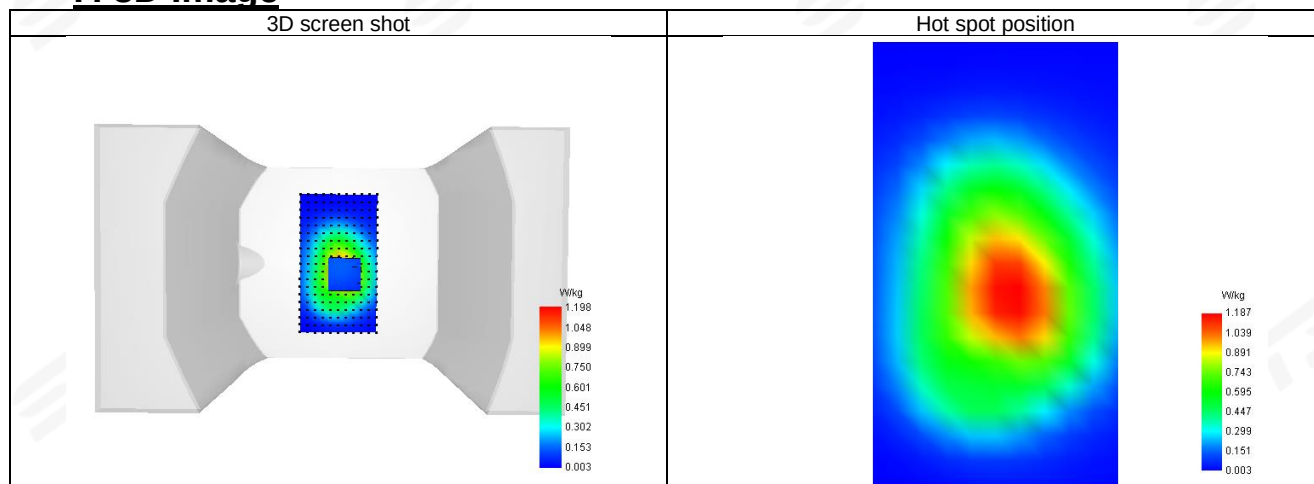
SAR 10g (W/Kg)	0.756
SAR 1g (W/Kg)	1.156
Horizontal validation criteria: minimum distance (mm)	18.516971
Vertical validation criteria: SAR ratio M2/M1 (%)	69.365609

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.602	1.198	0.831	0.566	0.398	0.276	0.191

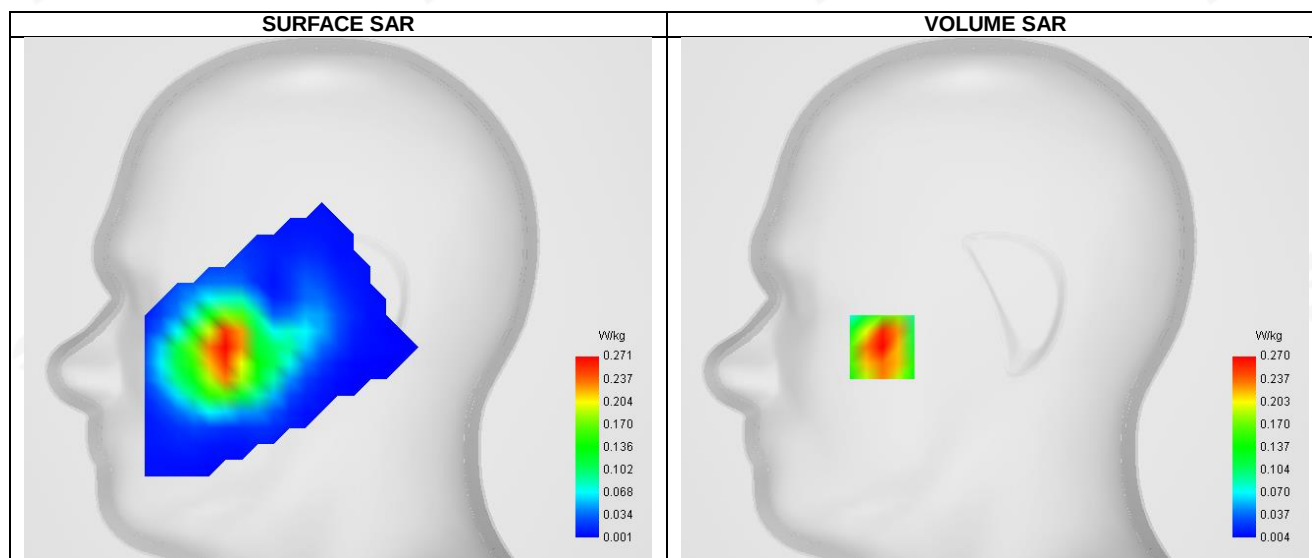


F. 3D Image



Plot 3: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-25
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.40



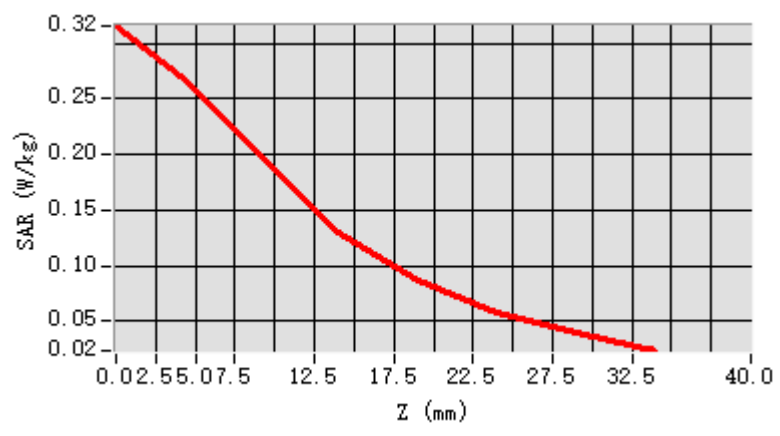
Maximum location: X=-56.00, Y=-24.00 ; SAR Peak: 0.38 W/kg

D. SAR 1g & 10g

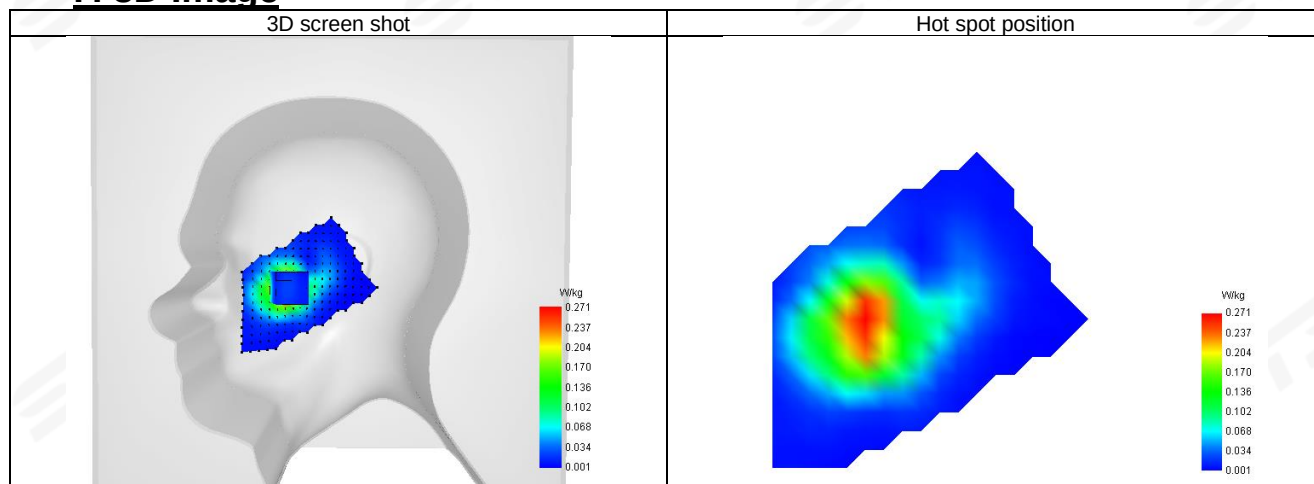
SAR 10g (W/Kg)	0.152
SAR 1g (W/Kg)	0.254
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	75.054511

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.316	0.270	0.203	0.129	0.086	0.058	0.039

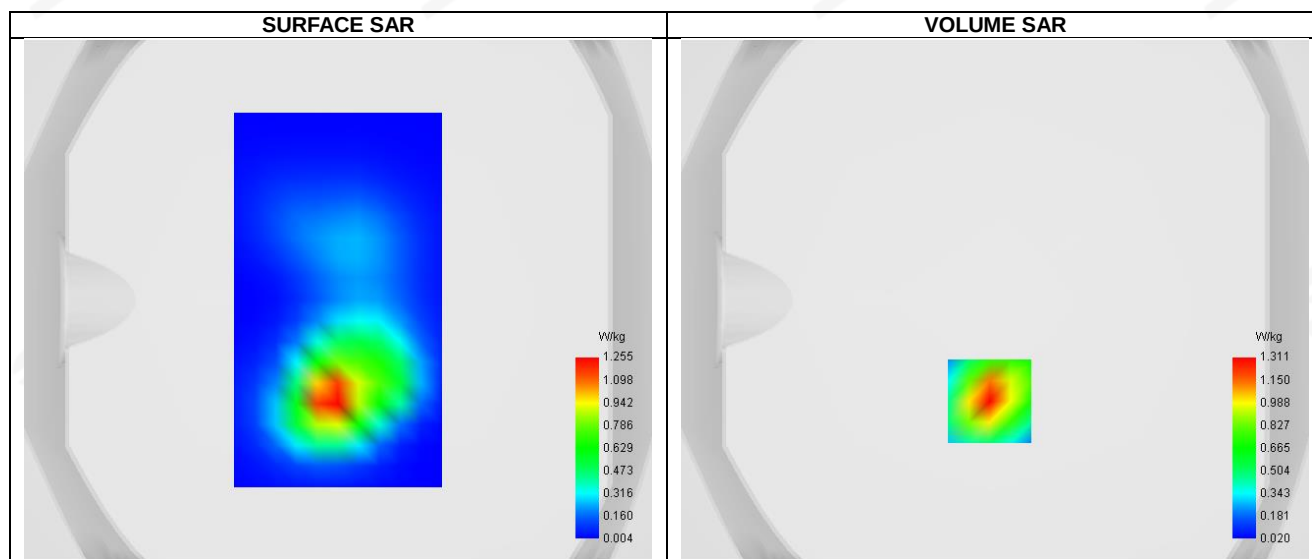


F. 3D Image



**Plot 4: DUT: Mini smartphone; EUT Model: XS19Pro**

Test Date	2025-11-25
ConvF	1.54
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.40



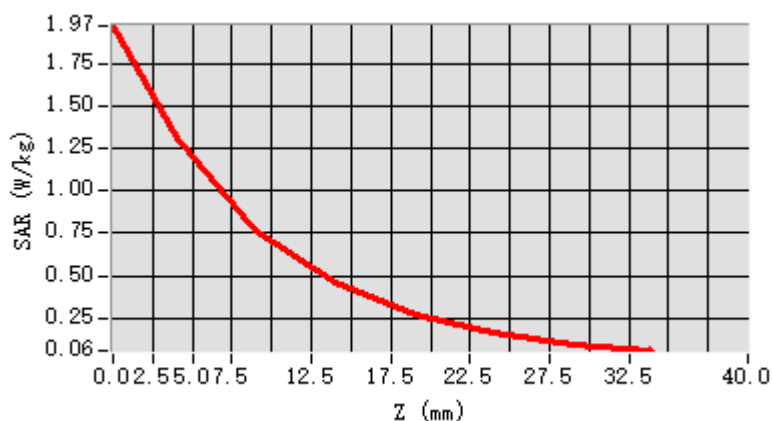
Maximum location: X=-2.00, Y=-39.00 ; SAR Peak: 1.97 W/kg

D. SAR 1g & 10g

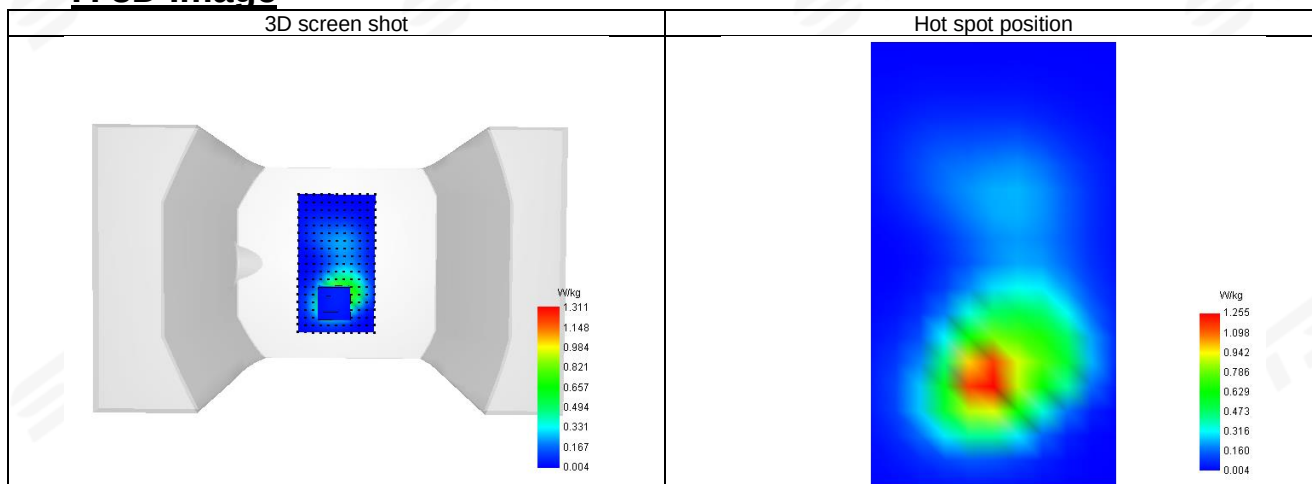
SAR 10g (W/Kg)	0.630
SAR 1g (W/Kg)	1.207
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.832445

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.974	1.311	0.771	0.458	0.272	0.161	0.095

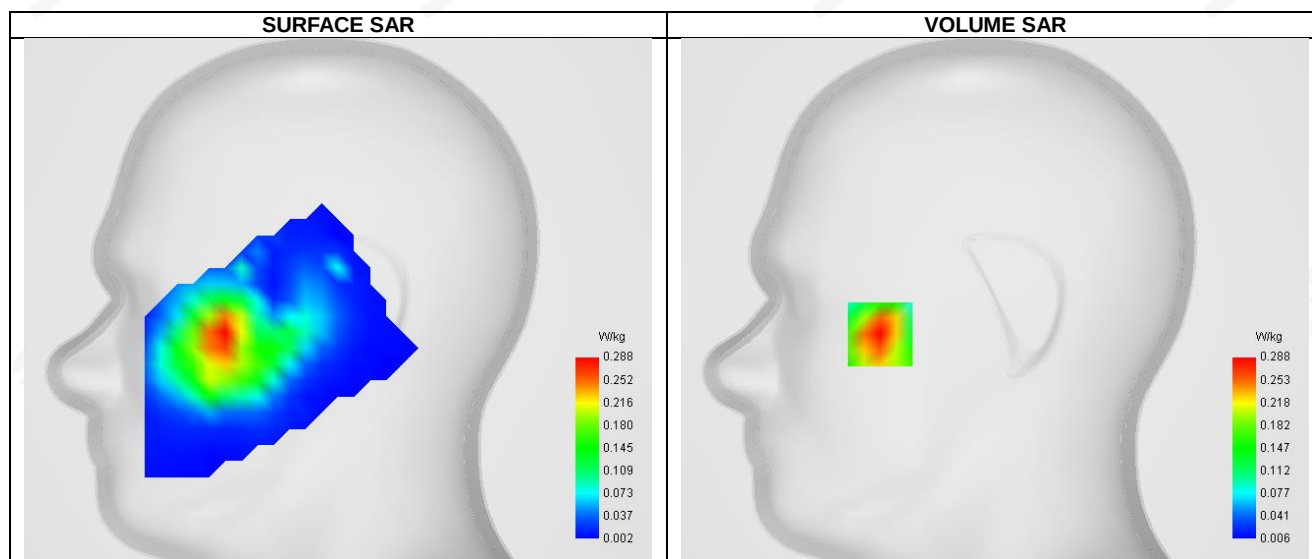


F. 3D Image



Plot 5: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-30
ConvF	1.73
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA II
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1907.6
Relative permittivity (real part)	40.40
Conductivity (S/m)	1.40



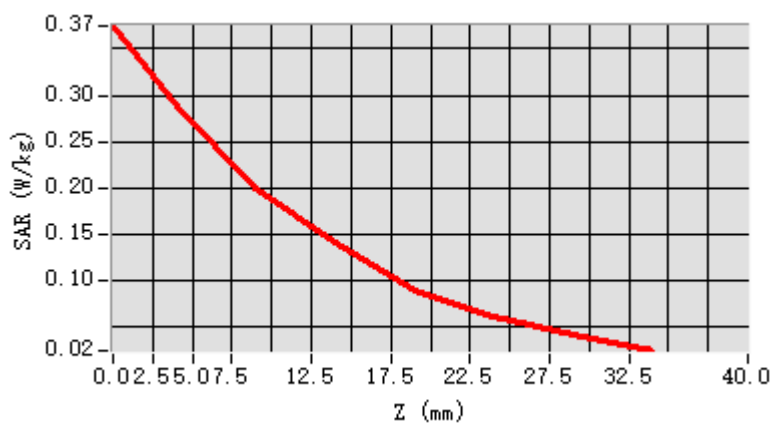
Maximum location: X=-57.00, Y=-17.00 ; SAR Peak: 0.40 W/kg

D. SAR 1g & 10g

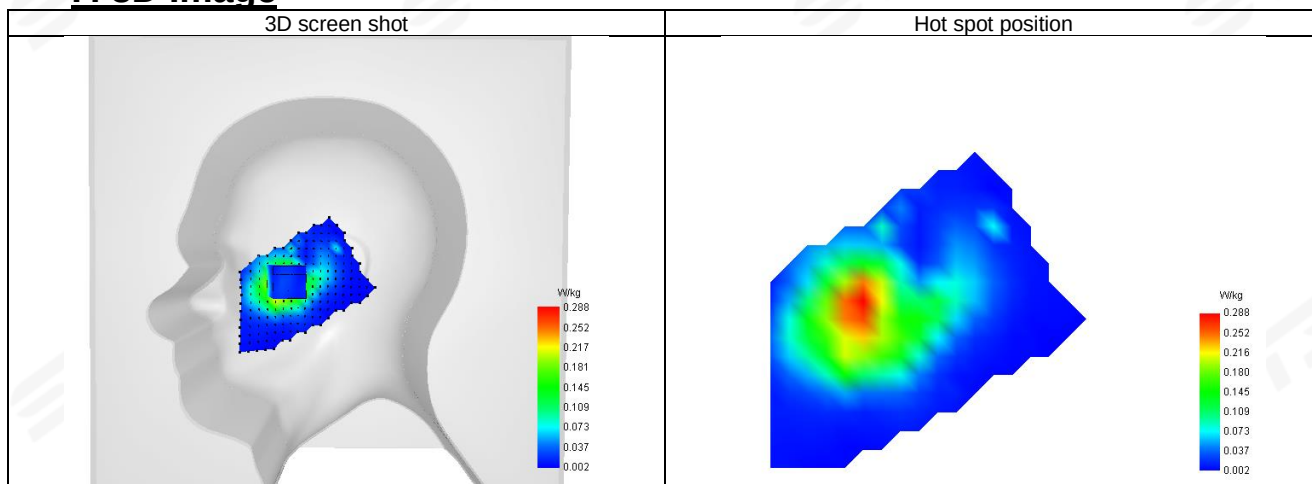
SAR 10g (W/Kg)	0.160
SAR 1g (W/Kg)	0.268
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	69.153114

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.375	0.288	0.199	0.141	0.089	0.060	0.040

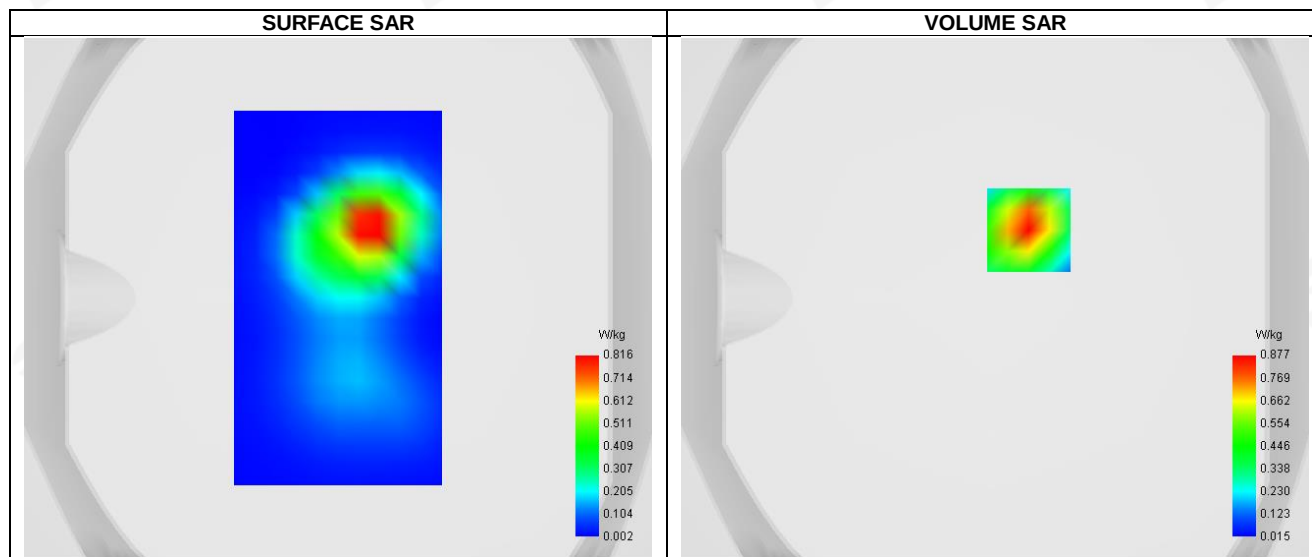


F. 3D Image



Plot 6: DUT: Mini smartphone; EUT Model: XS19Pro

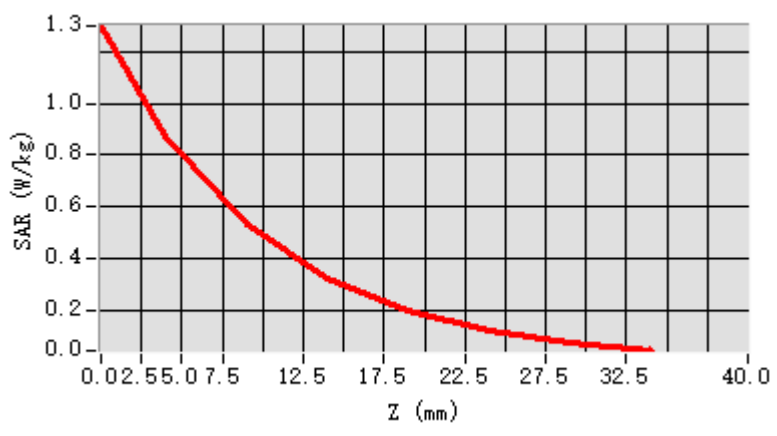
Test Date	2025-11-30
ConvF	1.73
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA II
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1907.6
Relative permittivity (real part)	40.40
Conductivity (S/m)	1.40


D. SAR 1g & 10g

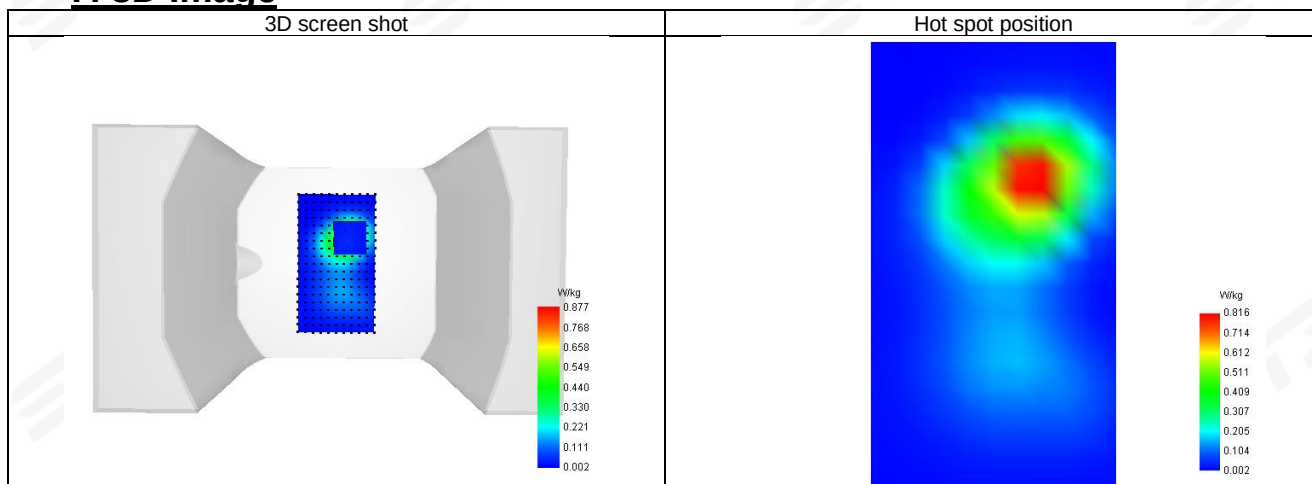
SAR 10g (W/Kg)	0.434
SAR 1g (W/Kg)	0.819
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	60.397648

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.299	0.877	0.530	0.321	0.197	0.120	0.073

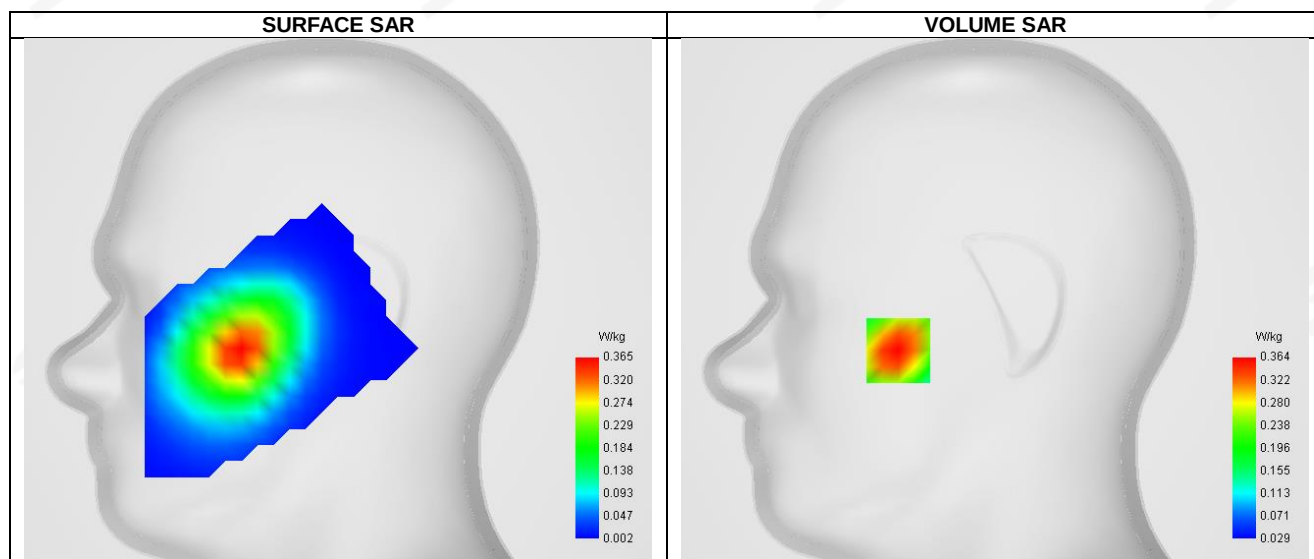


F. 3D Image



Plot 7: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-26
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	836.6
Relative permittivity (real part)	41.14
Conductivity (S/m)	0.909



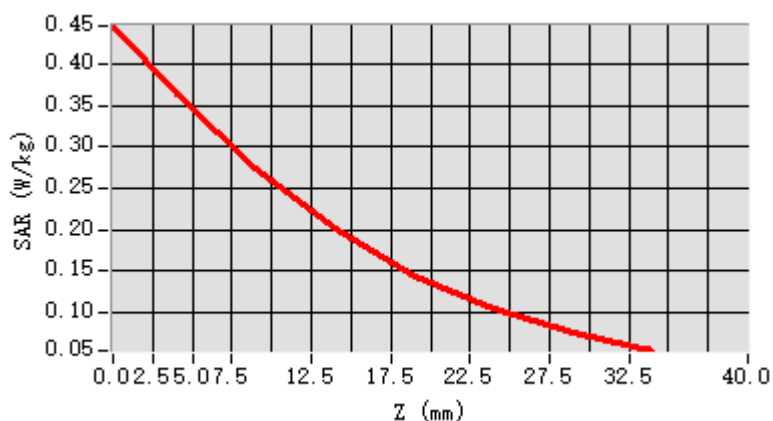
Maximum location: X=-48.00, Y=-25.00 ; SAR Peak: 0.45 W/kg

D. SAR 1g & 10g

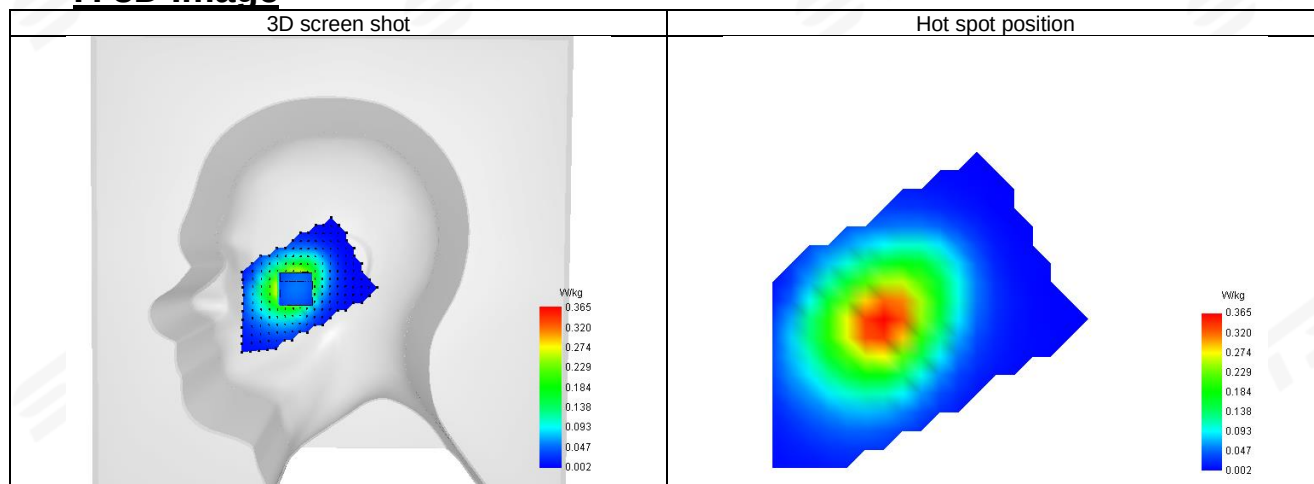
SAR 10g (W/Kg)	0.235
SAR 1g (W/Kg)	0.345
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	75.169930

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.446	0.364	0.274	0.201	0.144	0.105	0.077

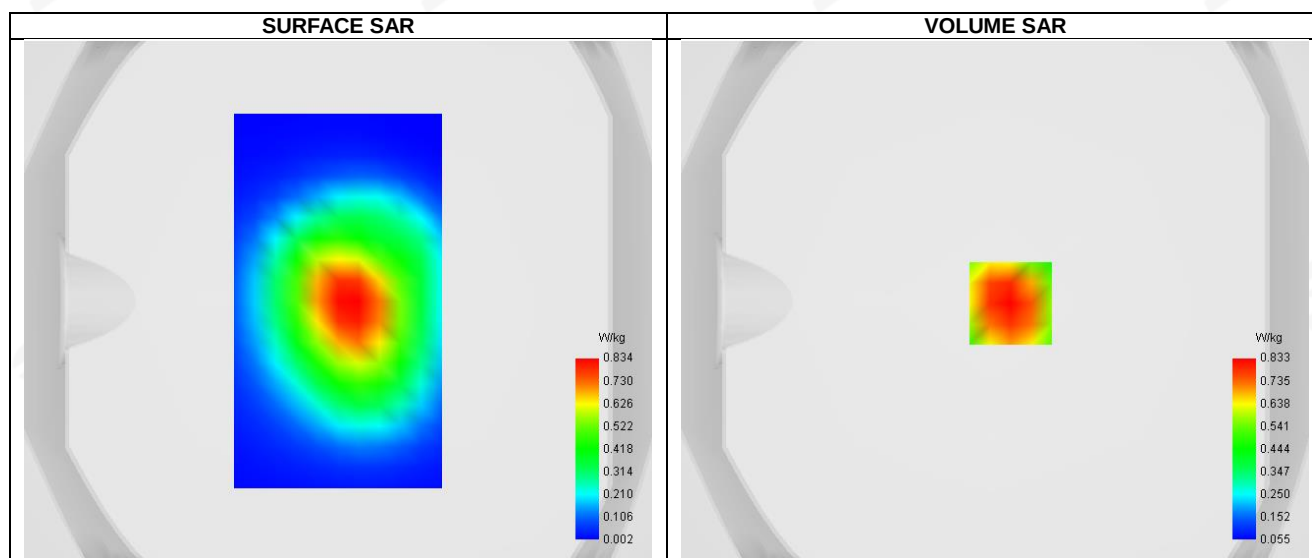


F. 3D Image



Plot 8: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-26
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	836.6
Relative permittivity (real part)	41.14
Conductivity (S/m)	0.909



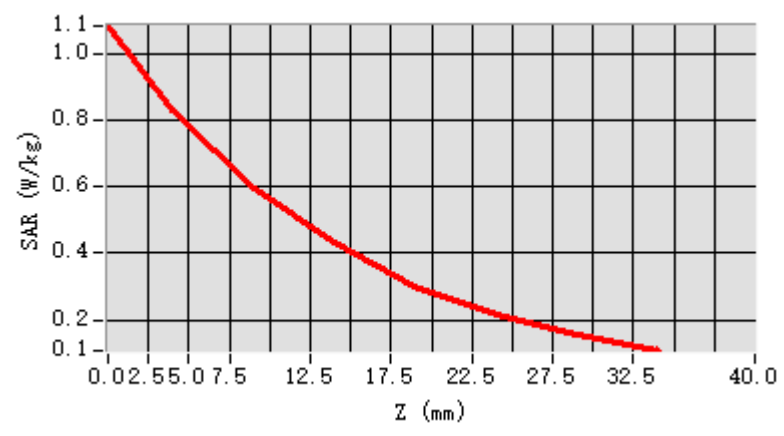
Maximum location: X=6.00, Y=-1.00 ; SAR Peak: 1.10 W/kg

D. SAR 1g & 10g

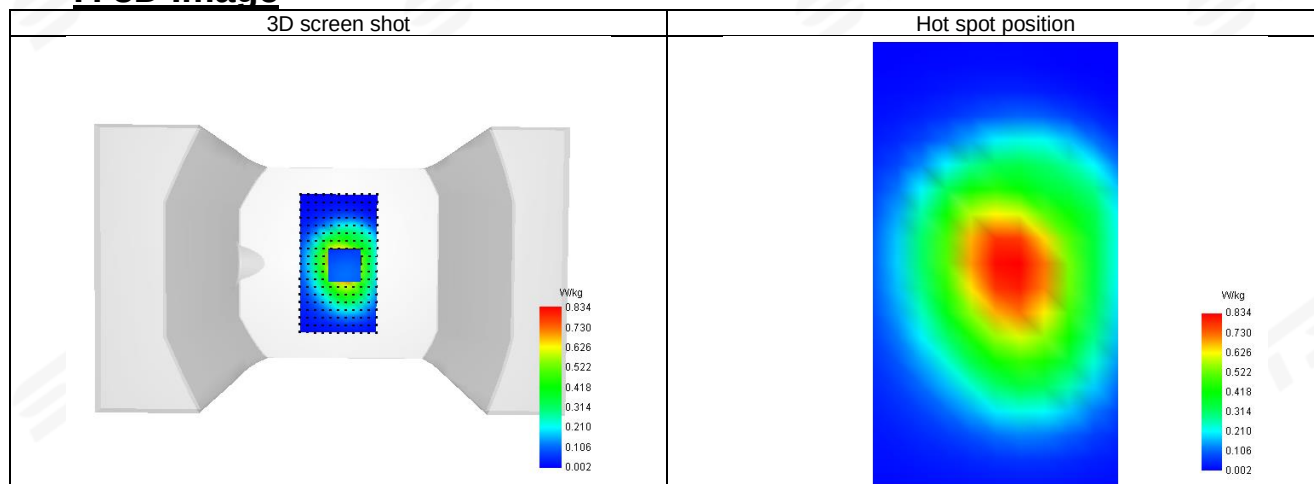
SAR 10g (W/Kg)	0.537
SAR 1g (W/Kg)	0.799
Horizontal validation criteria: minimum distance (mm)	15.948216
Vertical validation criteria: SAR ratio M2/M1 (%)	71.188475

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.084	0.833	0.593	0.431	0.302	0.215	0.153

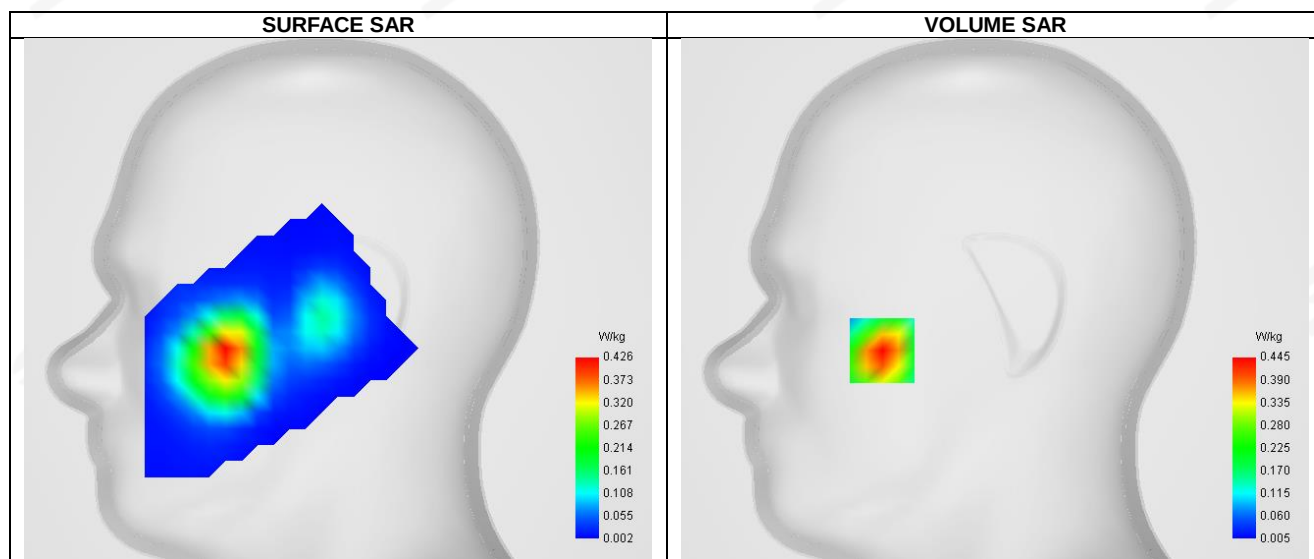


F. 3D Image



Plot 9: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-30
ConvF	1.73
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 2 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	40.92
Conductivity (S/m)	1.42



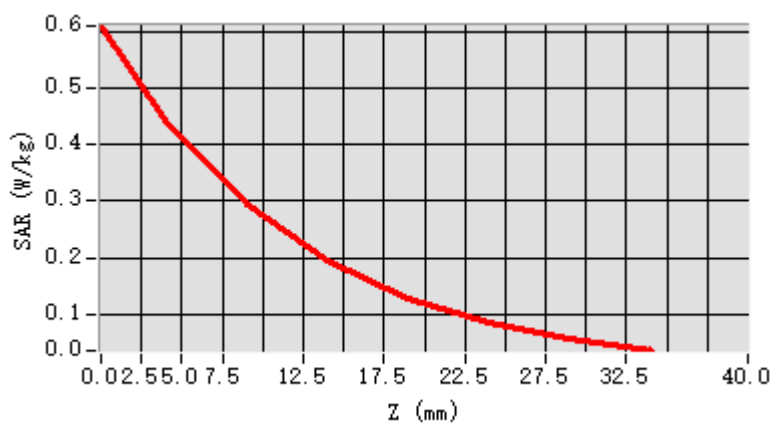
Maximum location: X=-56.00, Y=-25.00 ; SAR Peak: 0.61 W/kg

D. SAR 1g & 10g

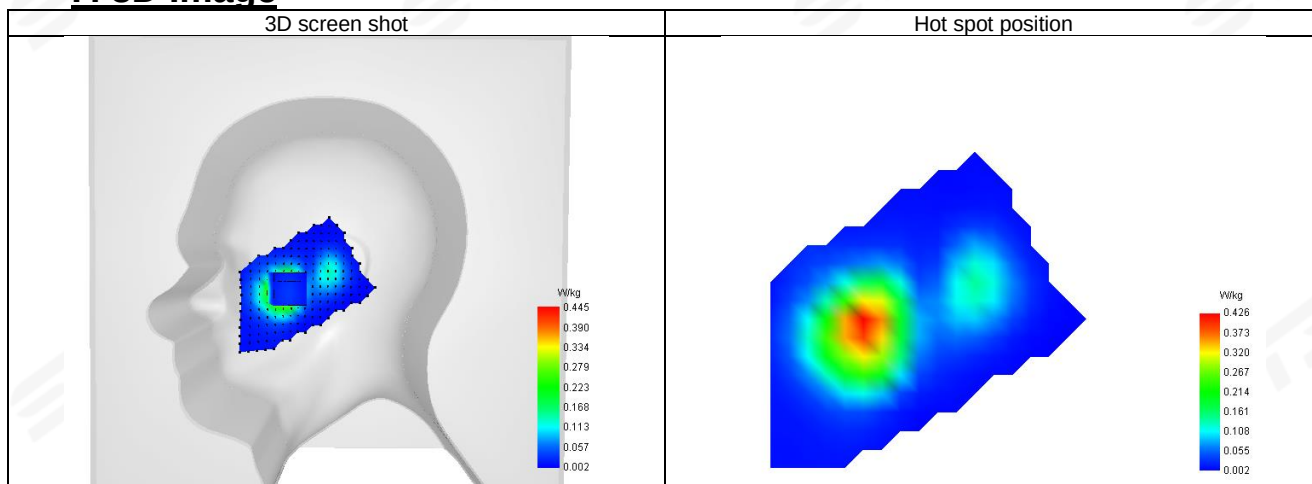
SAR 10g (W/Kg)	0.244
SAR 1g (W/Kg)	0.416
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	66.155759

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.611	0.445	0.294	0.195	0.126	0.083	0.054

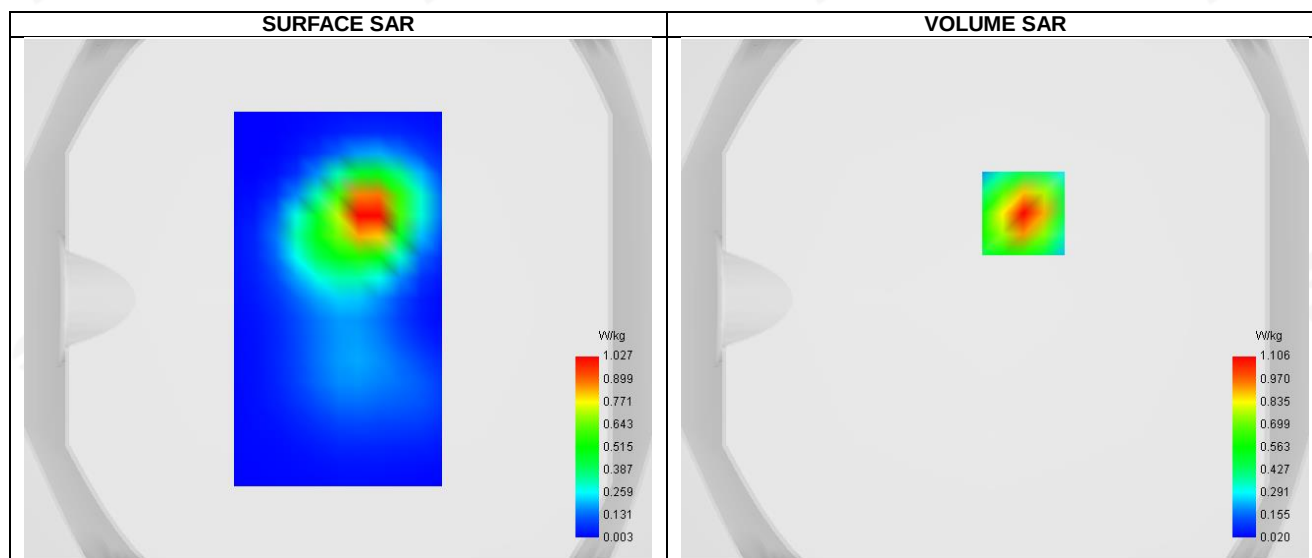


F. 3D Image



**Plot 10: DUT: Mini smartphone; EUT Model: XS19Pro**

Test Date	2025-11-30
ConvF	1.73
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 2(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	40.92
Conductivity (S/m)	1.42



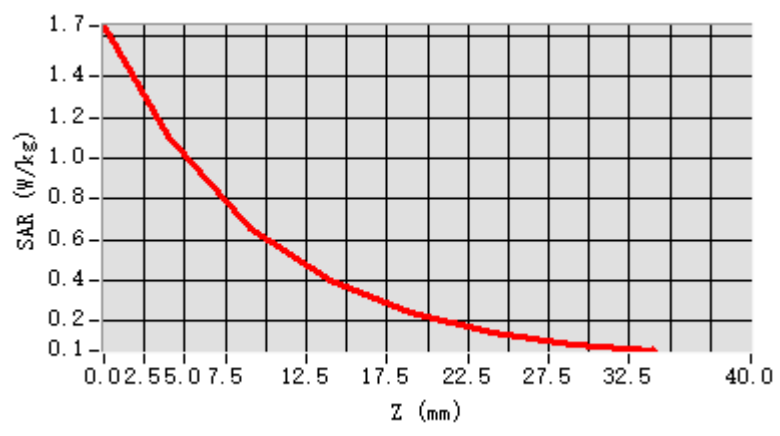
Maximum location: X=11.00, Y=33.00 ; SAR Peak: 1.65 W/kg

D. SAR 1g & 10g

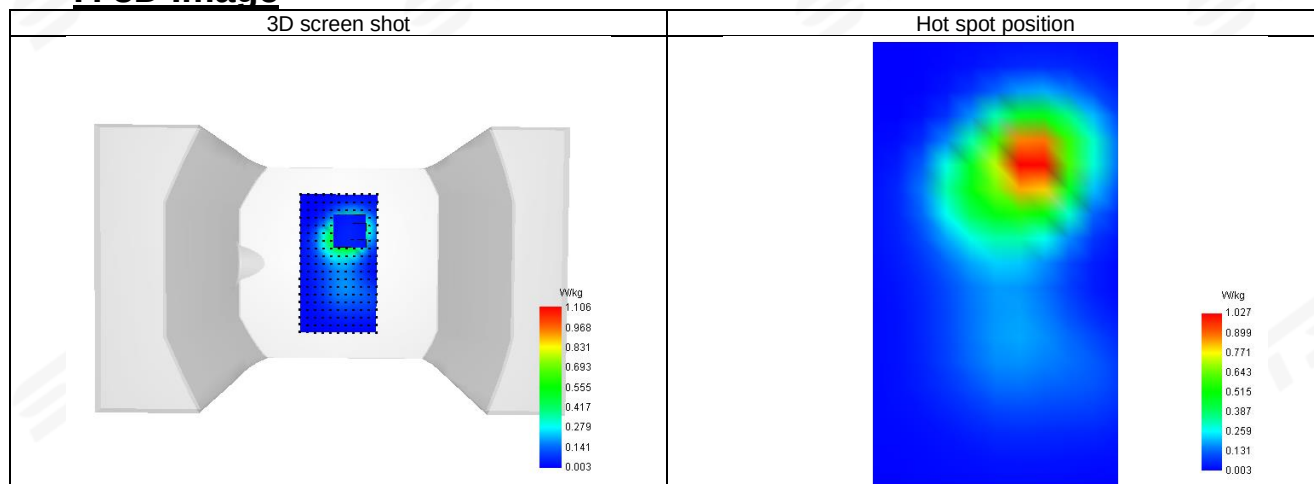
SAR 10g (W/Kg)	0.545
SAR 1g (W/Kg)	1.026
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.684380

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.651	1.106	0.660	0.400	0.242	0.146	0.088

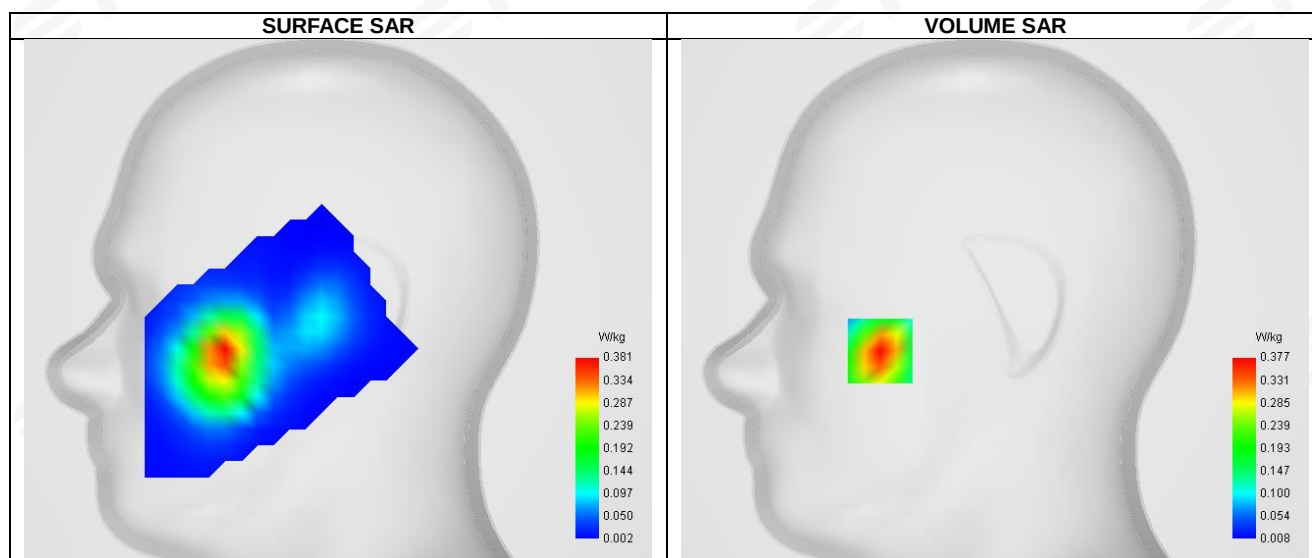


F. 3D Image



Plot 11: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-25
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.36
Conductivity (S/m)	1.39



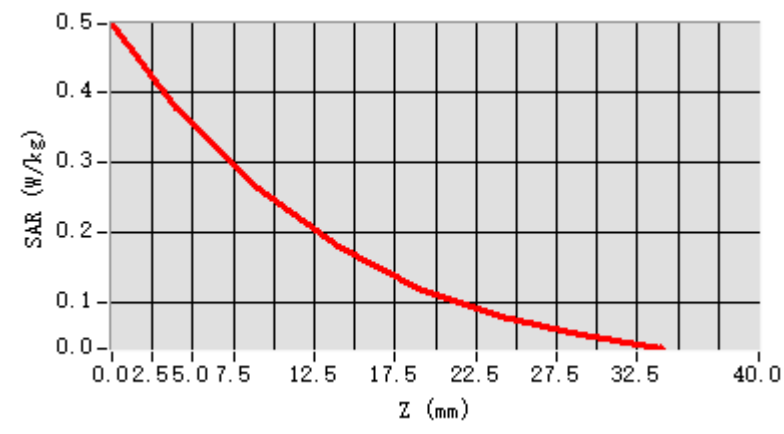
Maximum location: X=-57.00, Y=-25.00 ; SAR Peak: 0.50 W/kg

D. SAR 1g & 10g

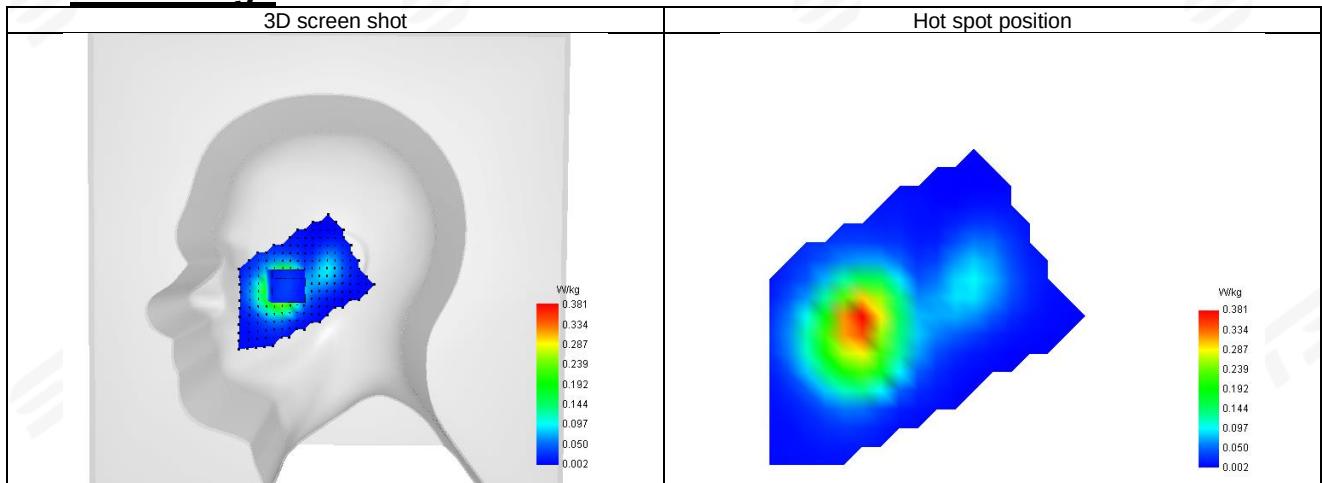
SAR 10g (W/Kg)	0.209
SAR 1g (W/Kg)	0.350
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	69.412087

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.496	0.377	0.262	0.180	0.120	0.082	0.056

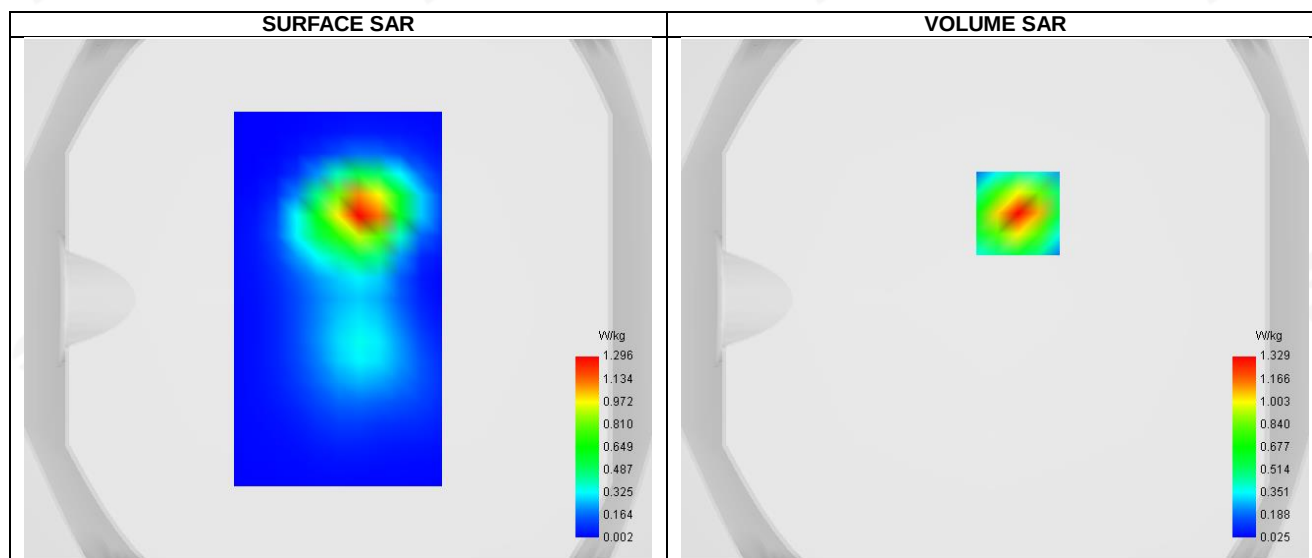


F. 3D Image



Plot 12: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-25
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.36
Conductivity (S/m)	1.39



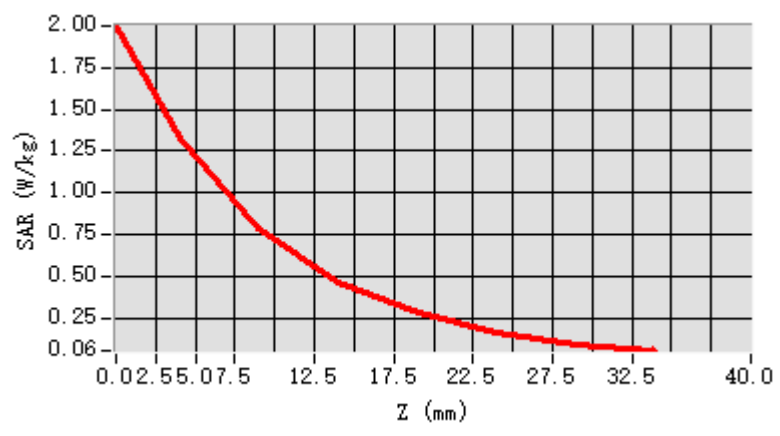
Maximum location: X=9.00, Y=33.00 ; SAR Peak: 1.99 W/kg

D. SAR 1g & 10g

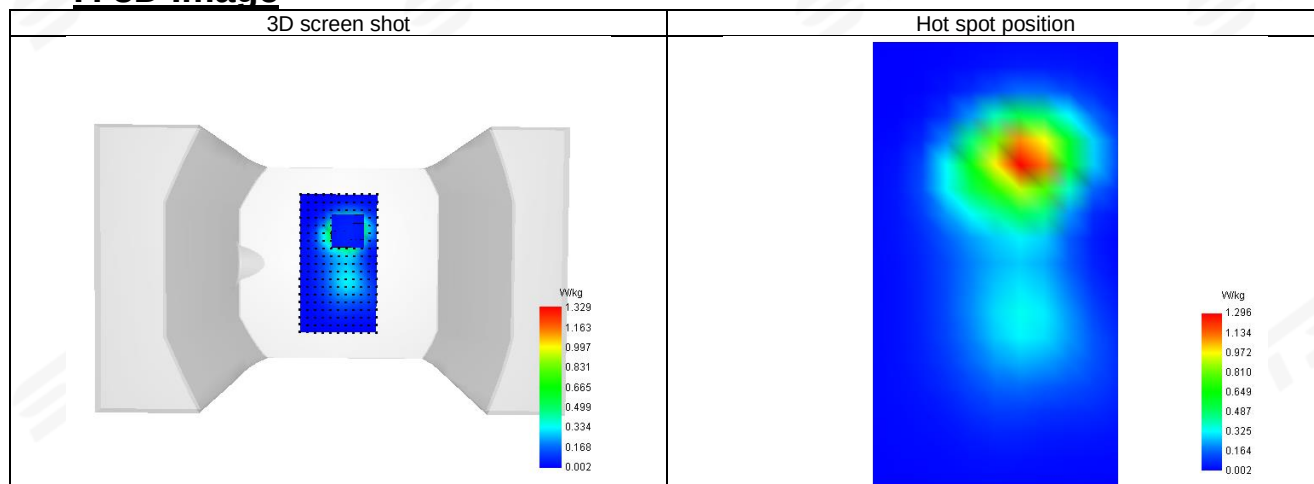
SAR 10g (W/Kg)	0.628
SAR 1g (W/Kg)	1.216
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.210588

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.995	1.329	0.787	0.472	0.284	0.170	0.102

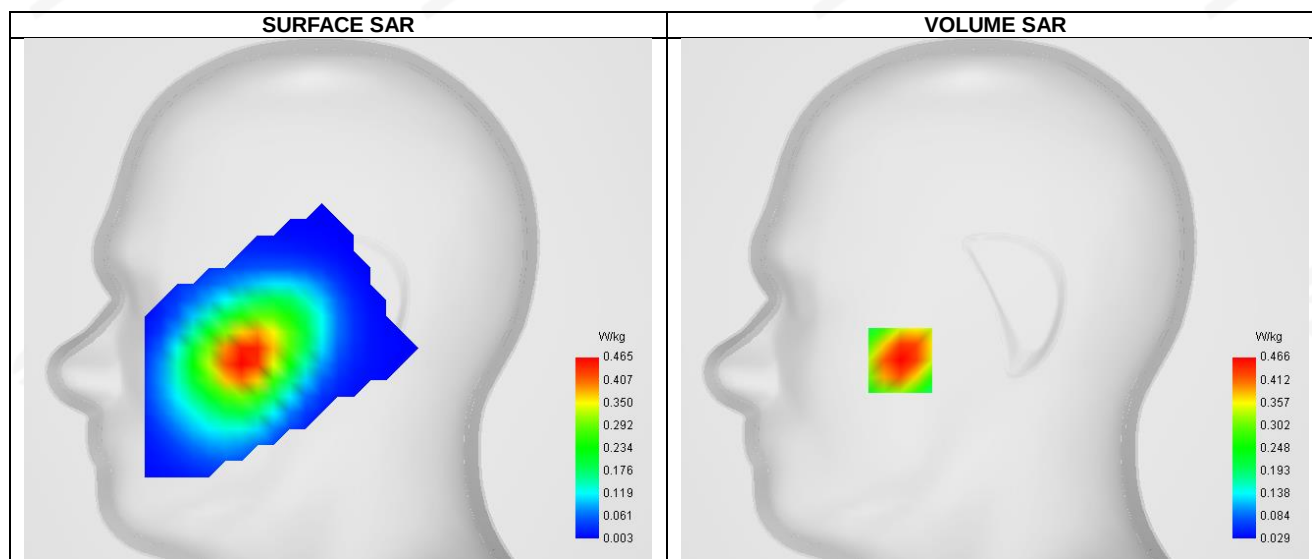


F. 3D Image



**Plot 13: DUT: Mini smartphone; EUT Model: XS19Pro**

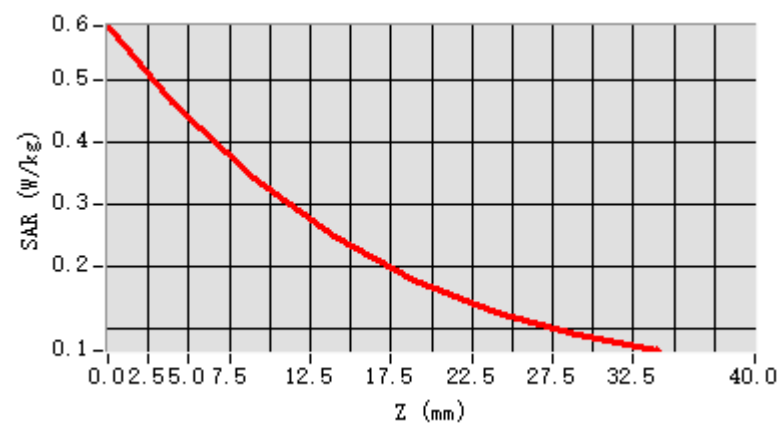
Test Date	2025-11-26
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.19
Conductivity (S/m)	0.91

**D. SAR 1g & 10g**

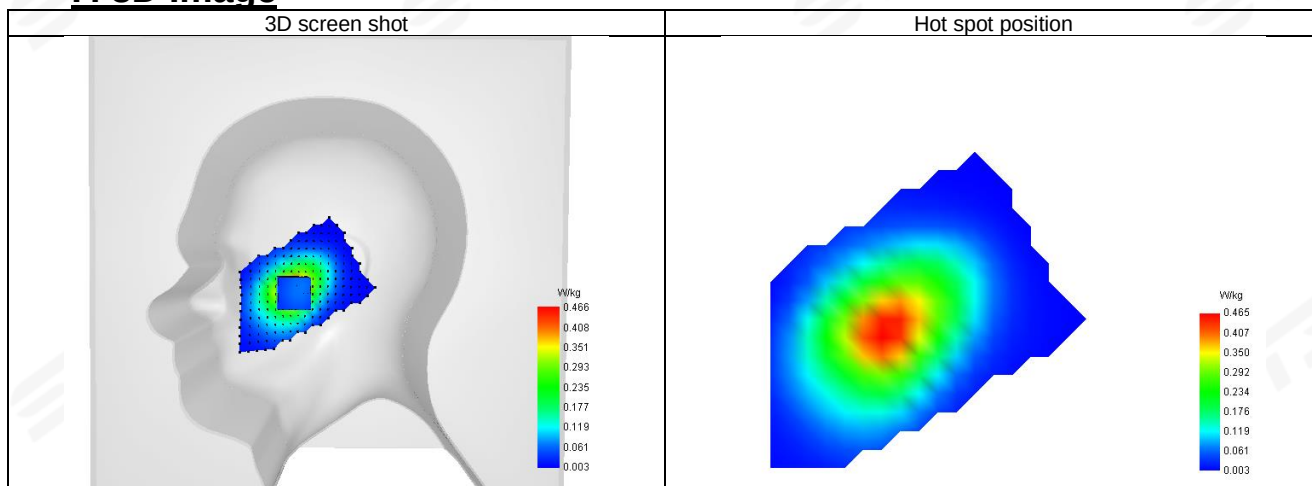
SAR 10g (W/Kg)	0.300
SAR 1g (W/Kg)	0.443
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	73.403072

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.588	0.466	0.342	0.249	0.178	0.128	0.093

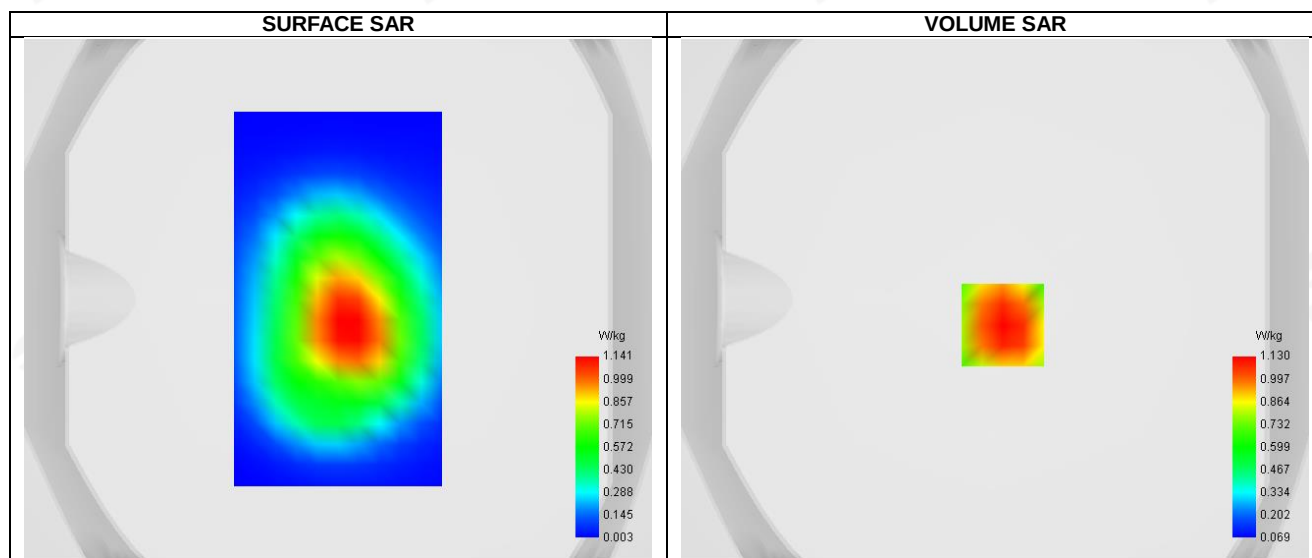


F. 3D Image



Plot 14: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-26
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.19
Conductivity (S/m)	0.91



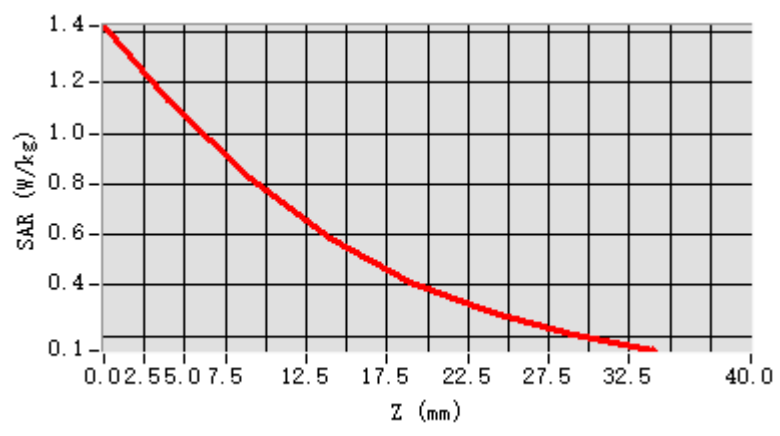
Maximum location: X=3.00, Y=-10.00 ; SAR Peak: 1.47 W/kg

D. SAR 1g & 10g

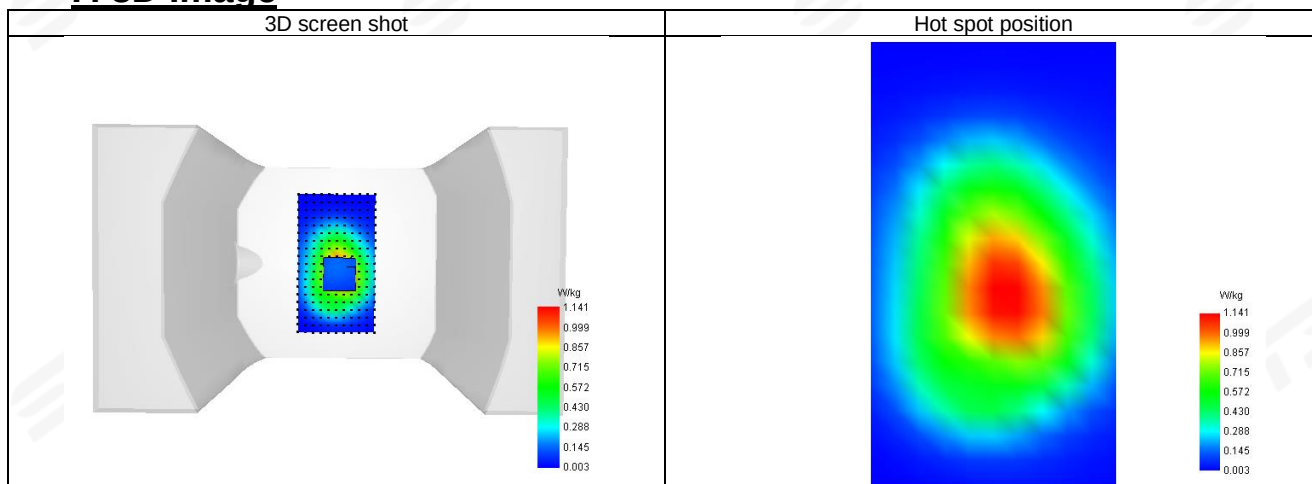
SAR 10g (W/Kg)	0.733
SAR 1g (W/Kg)	1.082
Horizontal validation criteria: minimum distance (mm)	13.569132
Vertical validation criteria: SAR ratio M2/M1 (%)	72.920353

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.424	1.130	0.824	0.582	0.410	0.291	0.207

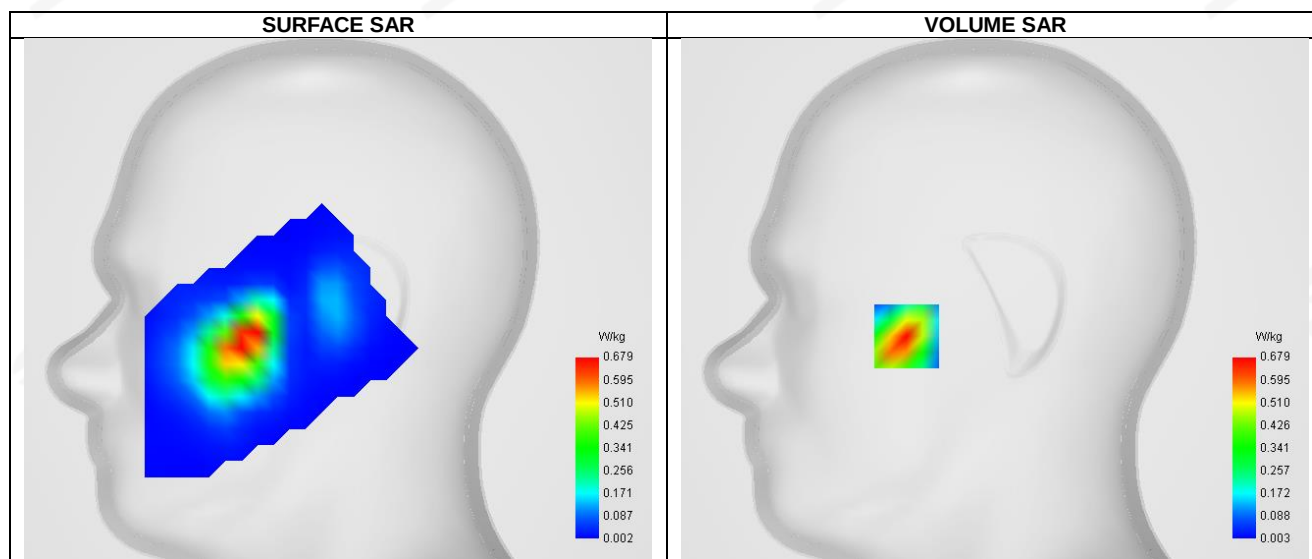


F. 3D Image



Plot 15: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-29
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	39.33
Conductivity (S/m)	1.86



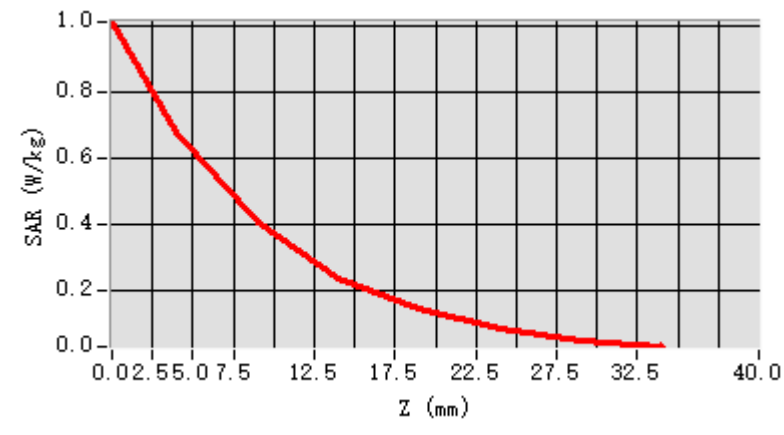
Maximum location: X=-44.00, Y=-18.00 ; SAR Peak: 1.01 W/kg

D. SAR 1g & 10g

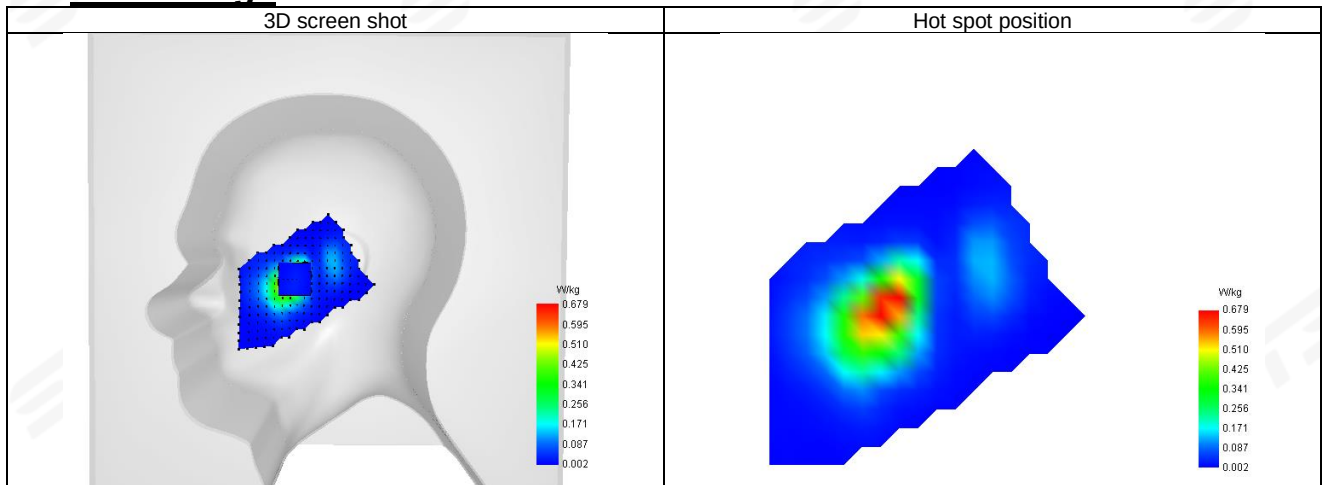
SAR 10g (W/Kg)	0.319
SAR 1g (W/Kg)	0.621
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	59.659315

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.010	0.679	0.405	0.237	0.142	0.084	0.050

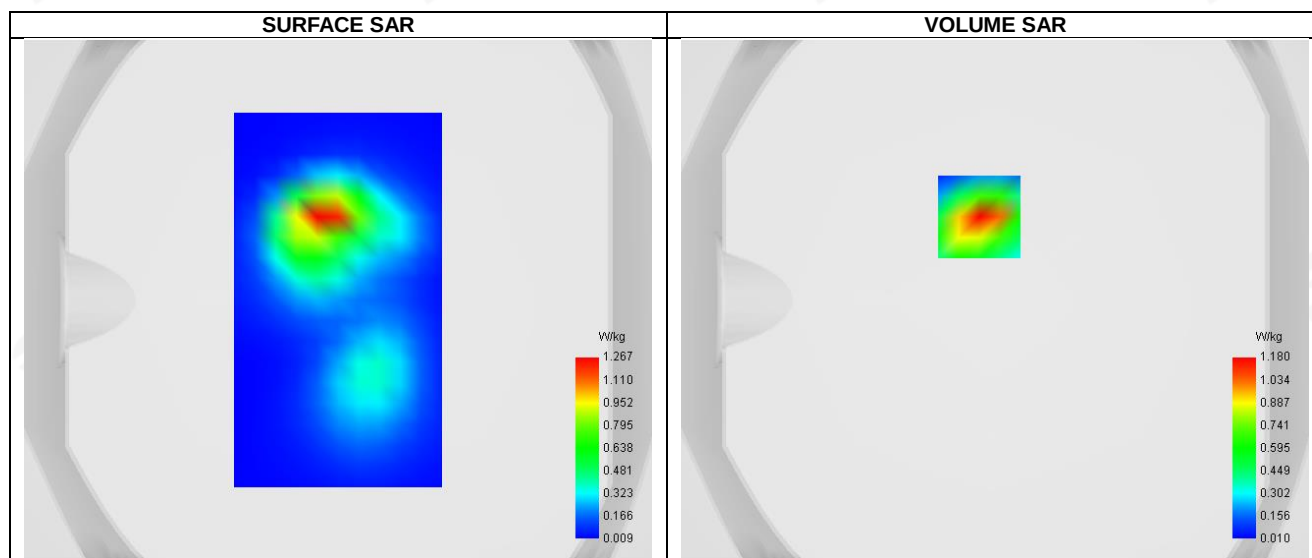


F. 3D Image



**Plot 16: DUT: Mini smartphone; EUT Model: XS19Pro**

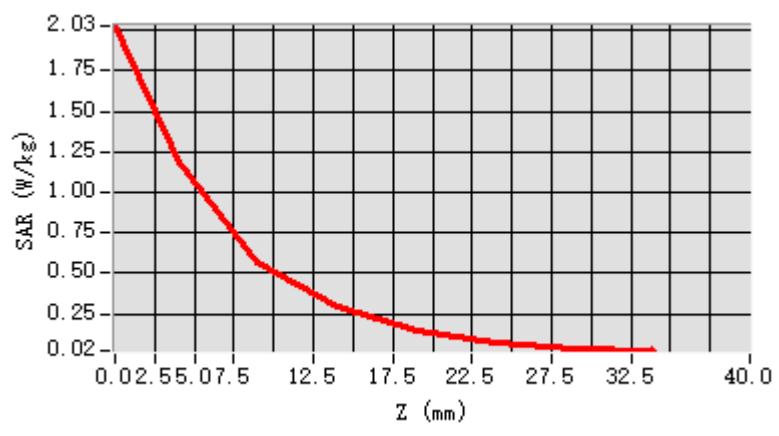
Test Date	2025-11-29
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	39.33
Conductivity (S/m)	1.86

**D. SAR 1g & 10g**

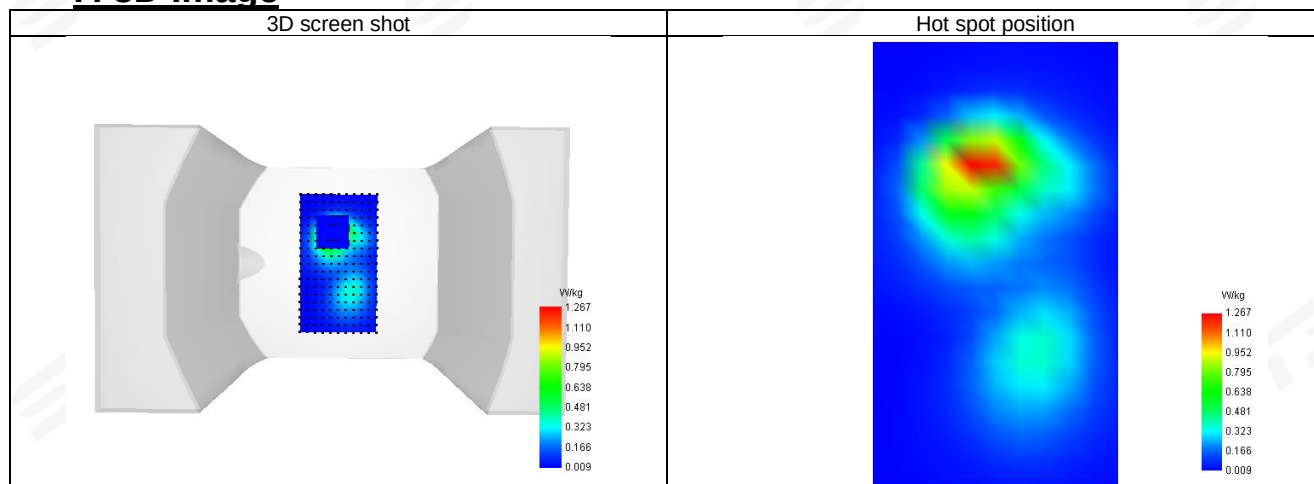
SAR 10g (W/Kg)	0.486
SAR 1g (W/Kg)	1.075
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	47.966624

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.028	1.180	0.566	0.293	0.147	0.074	0.037

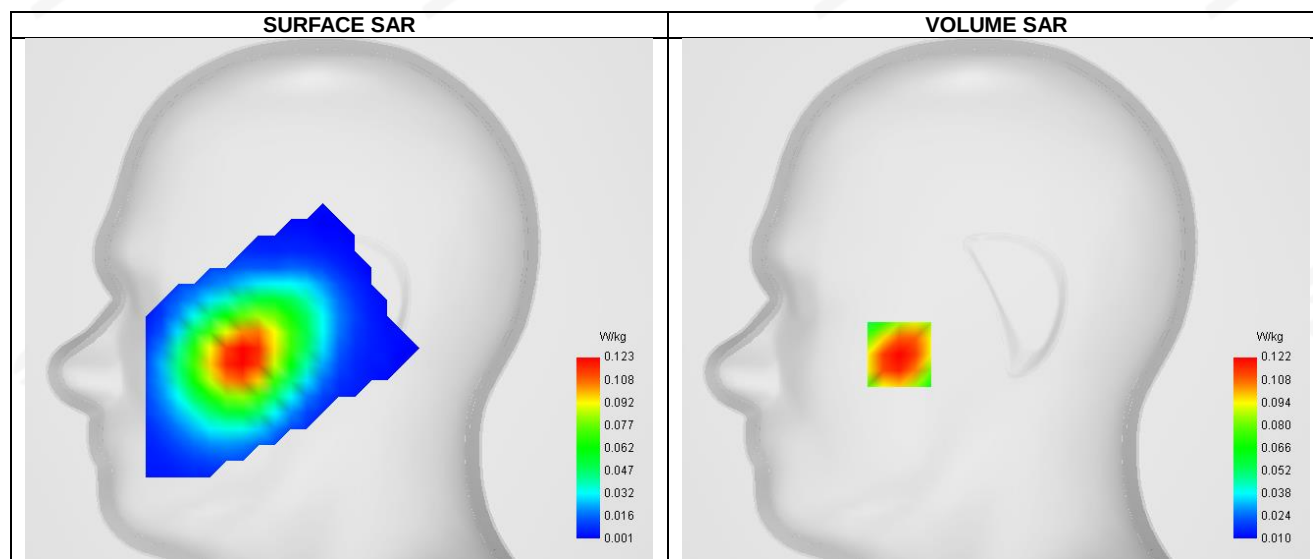


F. 3D Image



**Plot 17: DUT: Mini smartphone; EUT Model: XS19Pro**

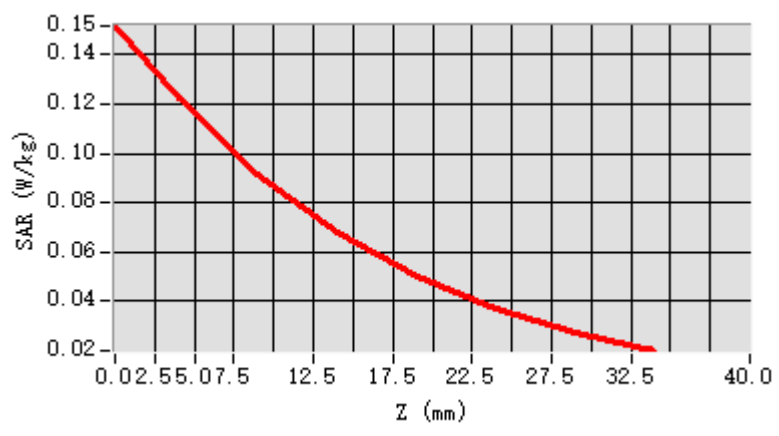
Test Date	2025-11-26
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	711
Relative permittivity (real part)	41.87
Conductivity (S/m)	0.89

**D. SAR 1g & 10g**

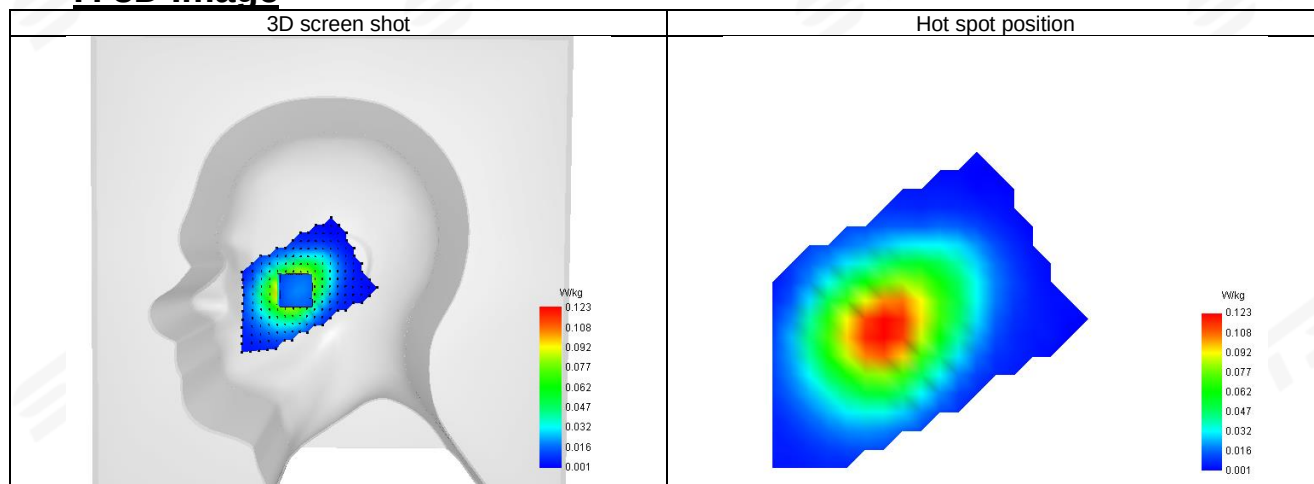
SAR 10g (W/Kg)	0.081
SAR 1g (W/Kg)	0.117
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	75.105362

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.152	0.122	0.092	0.068	0.050	0.037	0.027

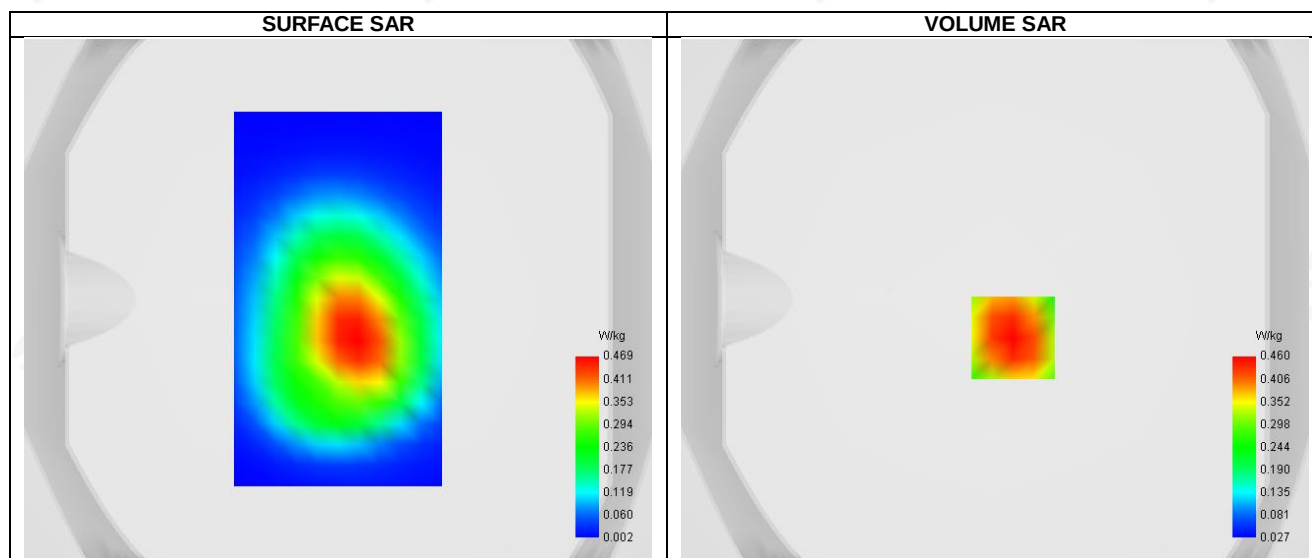


F. 3D Image



Plot 18: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-26
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	711
Relative permittivity (real part)	41.87
Conductivity (S/m)	0.89



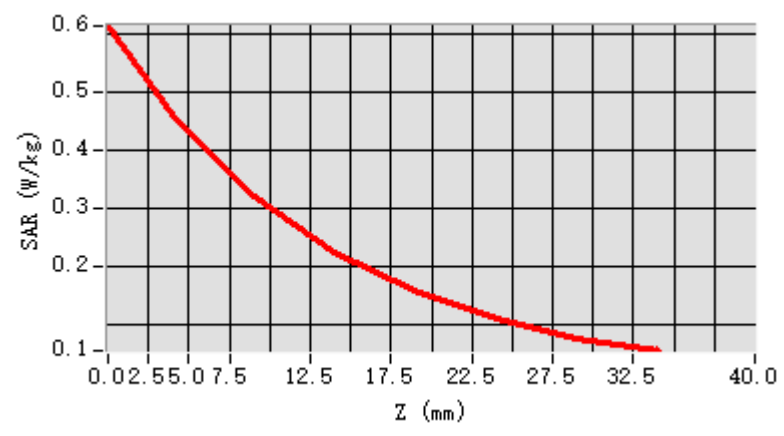
Maximum location: X=7.00, Y=-15.00 ; SAR Peak: 0.62 W/kg

D. SAR 1g & 10g

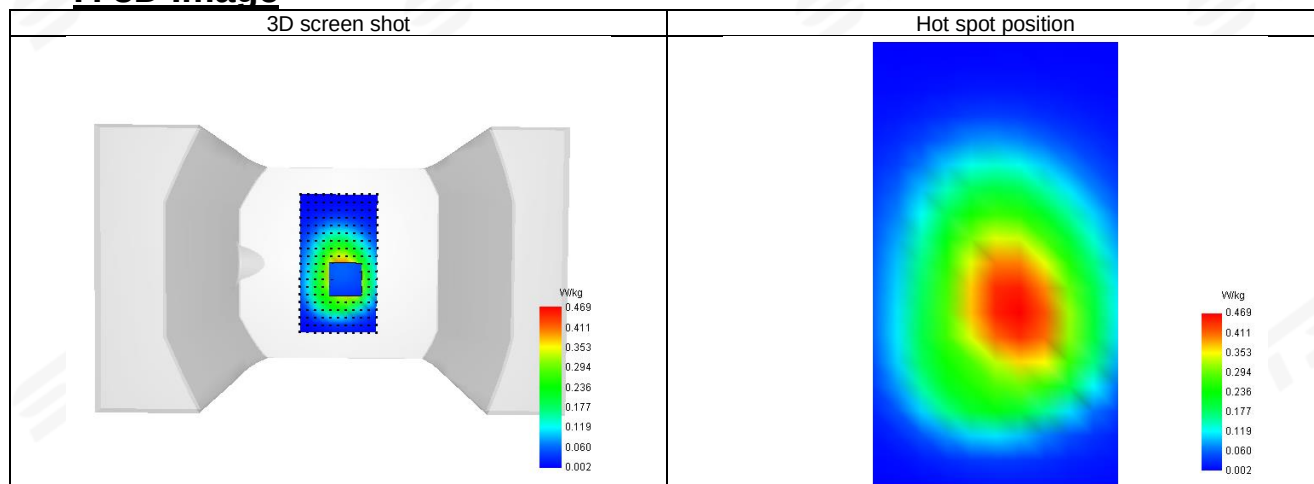
SAR 10g (W/Kg)	0.294
SAR 1g (W/Kg)	0.442
Horizontal validation criteria: minimum distance (mm)	18.315719
Vertical validation criteria: SAR ratio M2/M1 (%)	69.782608

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.613	0.460	0.321	0.222	0.157	0.110	0.077

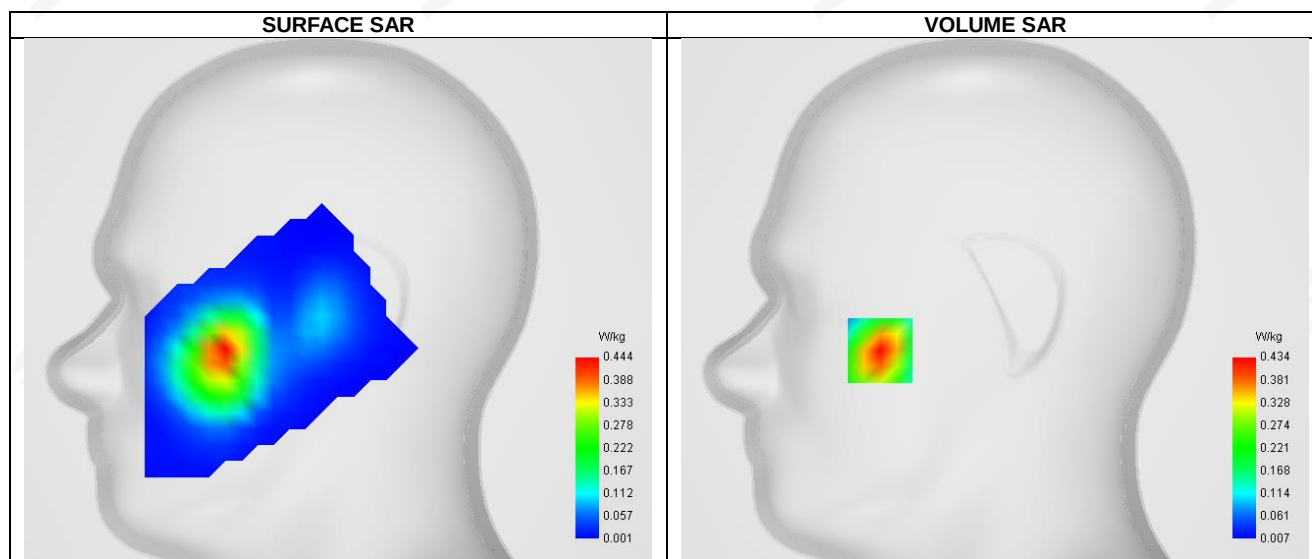


F. 3D Image



Plot 19: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-25
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 66 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.36
Conductivity (S/m)	1.39



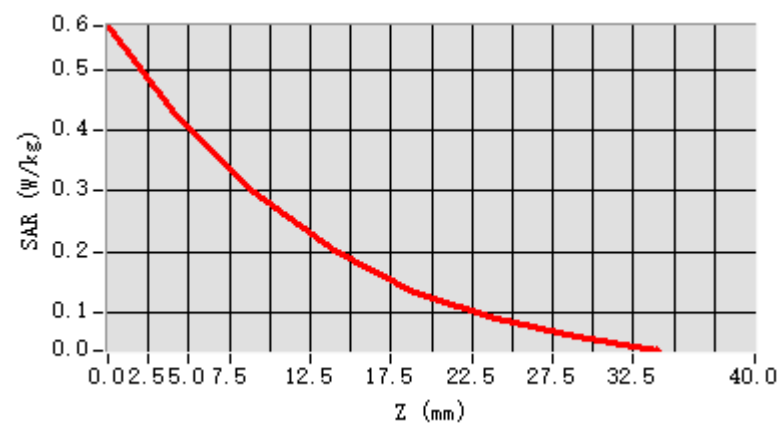
Maximum location: X=-57.00, Y=-25.00 ; SAR Peak: 0.57 W/kg

D. SAR 1g & 10g

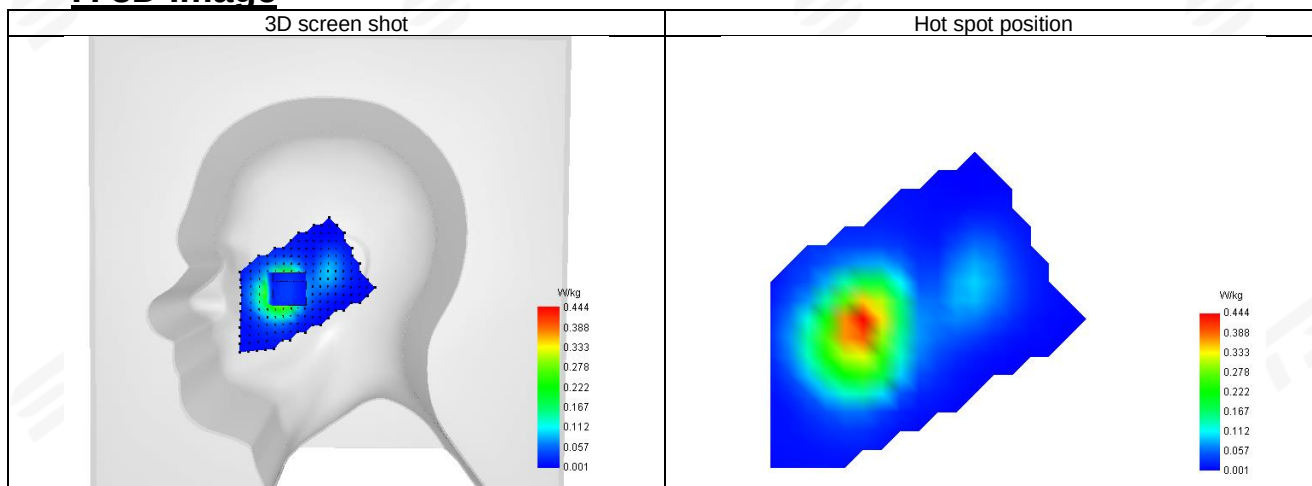
SAR 10g (W/Kg)	0.238
SAR 1g (W/Kg)	0.402
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	68.921315

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.572	0.434	0.299	0.204	0.134	0.090	0.060

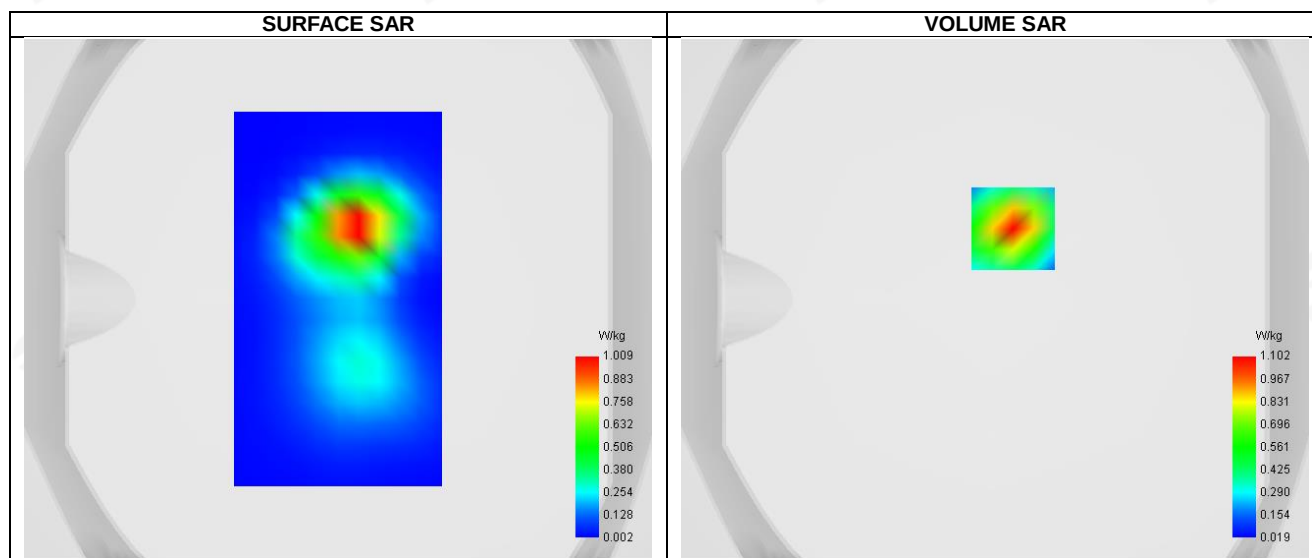


F. 3D Image



**Plot 20: DUT: Mini smartphone; EUT Model: XS19Pro**

Test Date	2025-11-25
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 40 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.36
Conductivity (S/m)	1.39



Maximum location: X=7.00, Y=27.00 ; SAR Peak: 1.65 W/kg

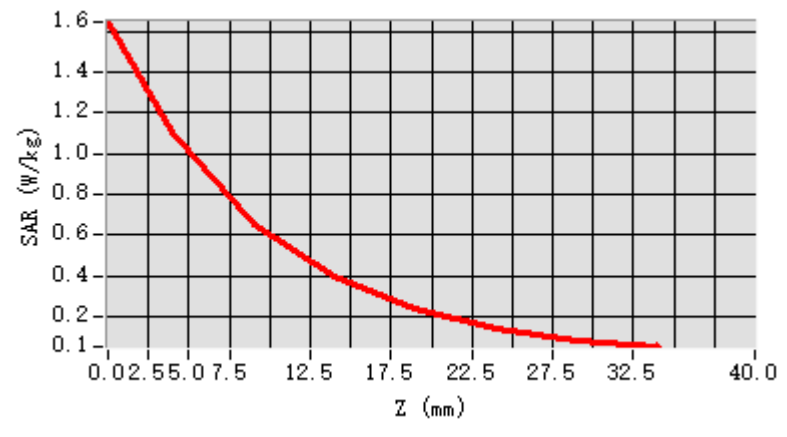
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.520
SAR 1g (W/Kg)	1.010
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.731018

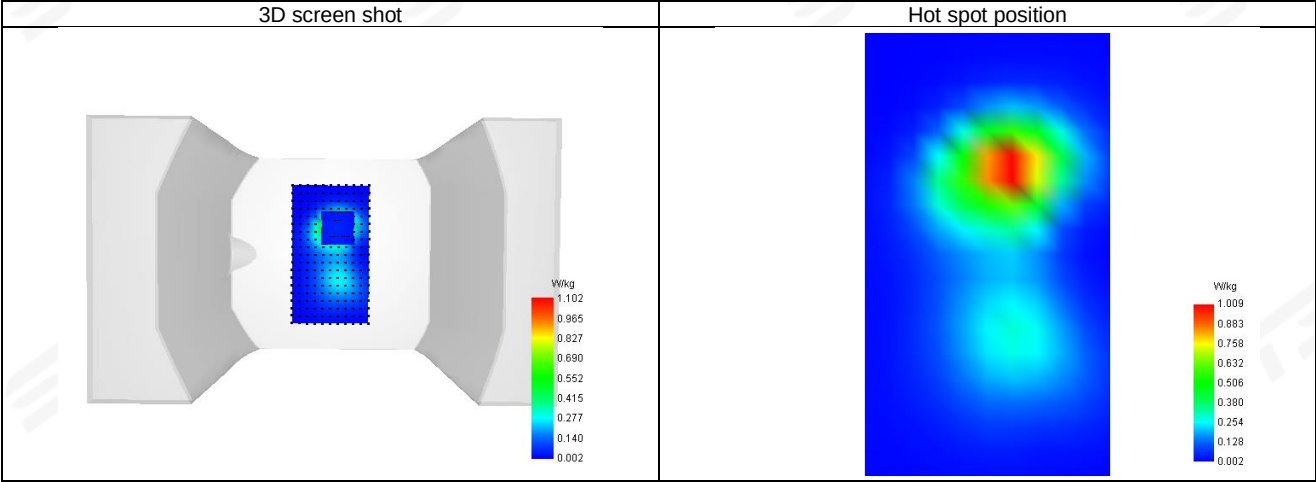


E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.646	1.102	0.658	0.395	0.241	0.145	0.088

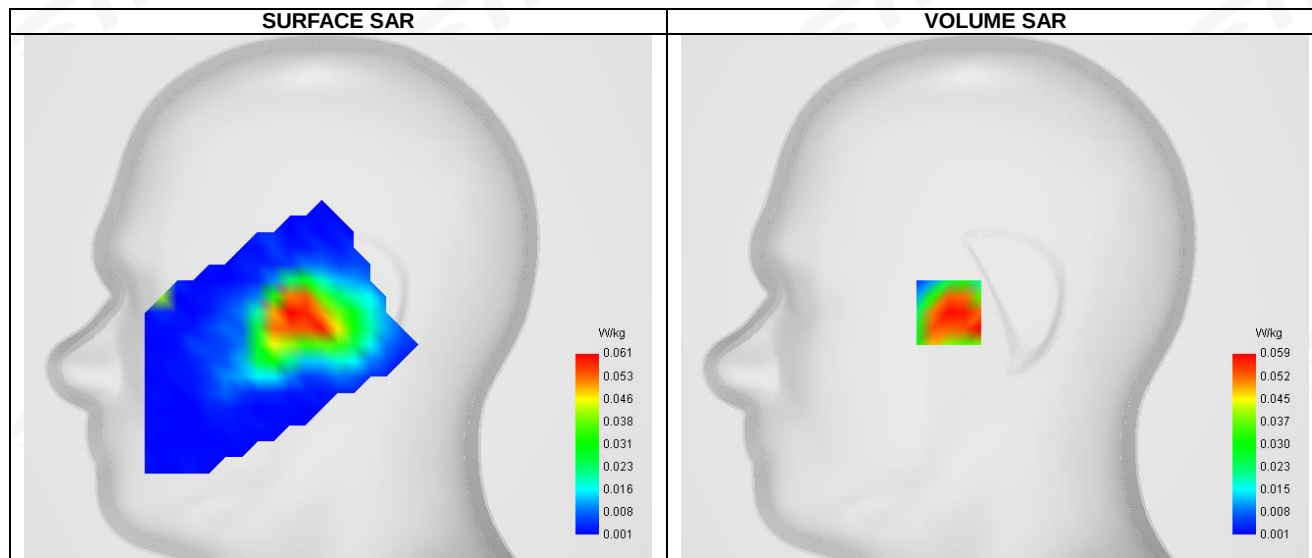


F. 3D Image



Plot 21: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-29
	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	IEEE 802.11b ISM
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2462
Relative permittivity (real part)	39.79
Conductivity (S/m)	1.81



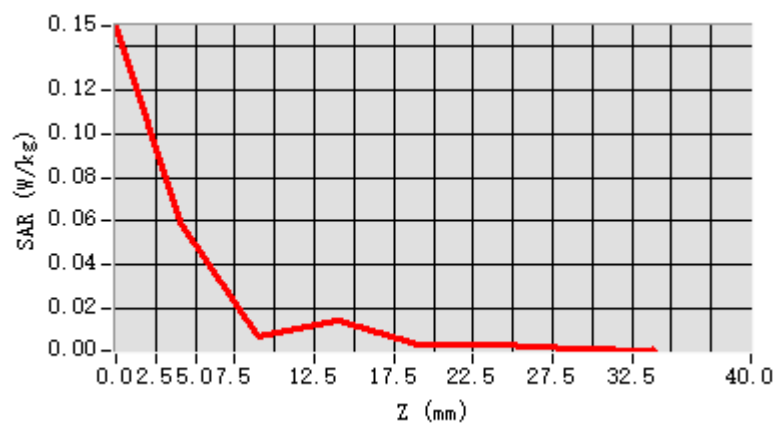
Maximum location: X=-23.00, Y=-8.00 ; SAR Peak: 0.10 W/kg

D. SAR 1g & 10g

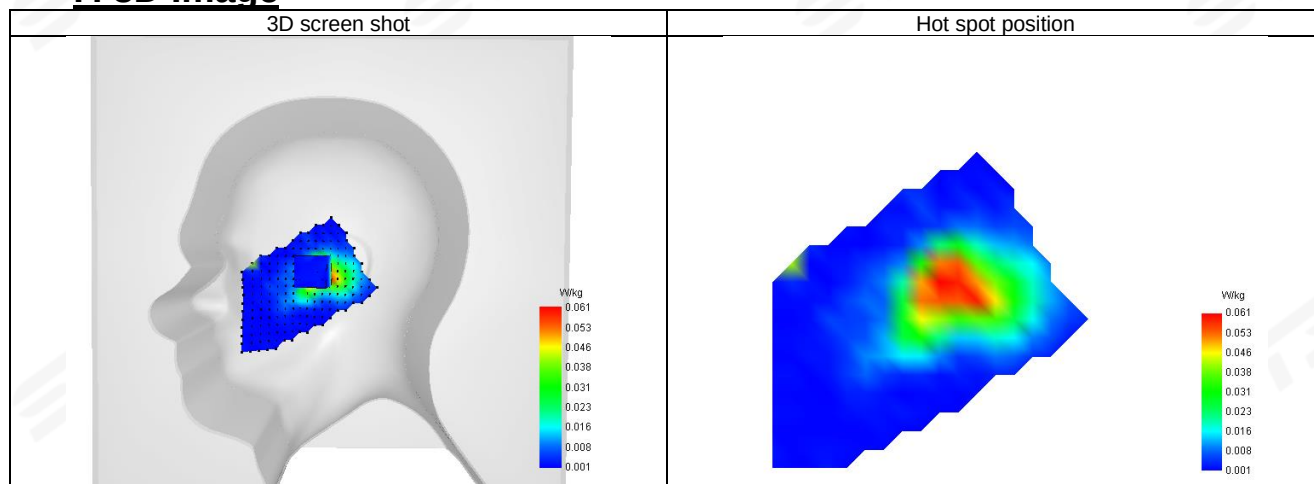
SAR 10g (W/Kg)	0.028
SAR 1g (W/Kg)	0.057
Horizontal validation criteria: minimum distance (mm)	24.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	65.222677

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.149	0.059	0.007	0.014	0.003	0.003	0.001



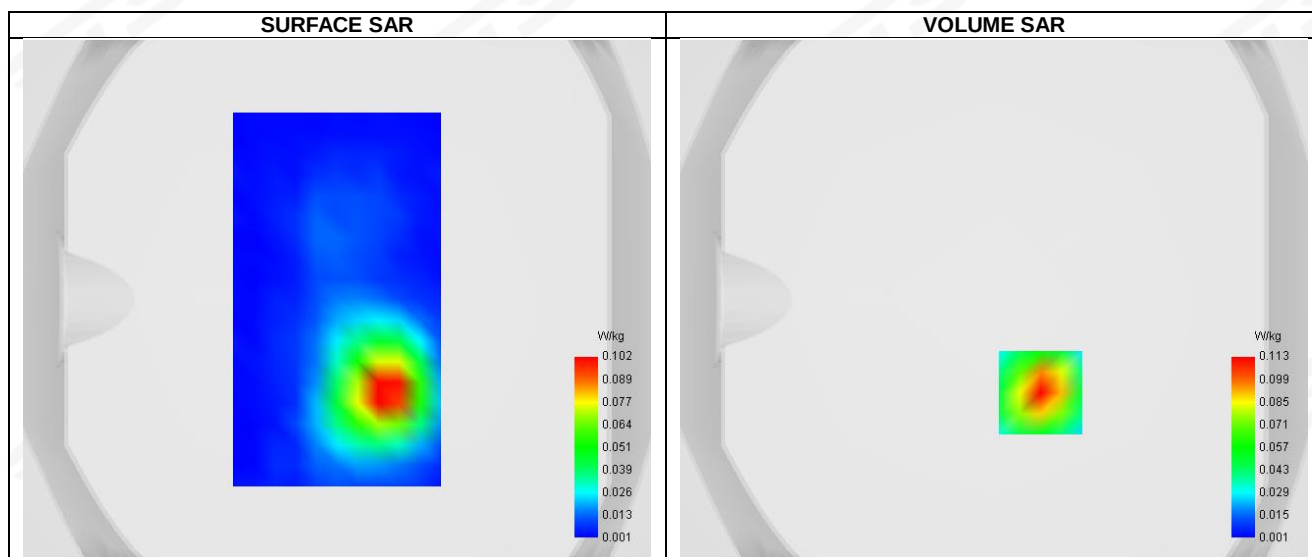
F. 3D Image





Plot 22: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	IEEE 802.11b ISM
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2462
Relative permittivity (real part)	39.79
Conductivity (S/m)	1.81



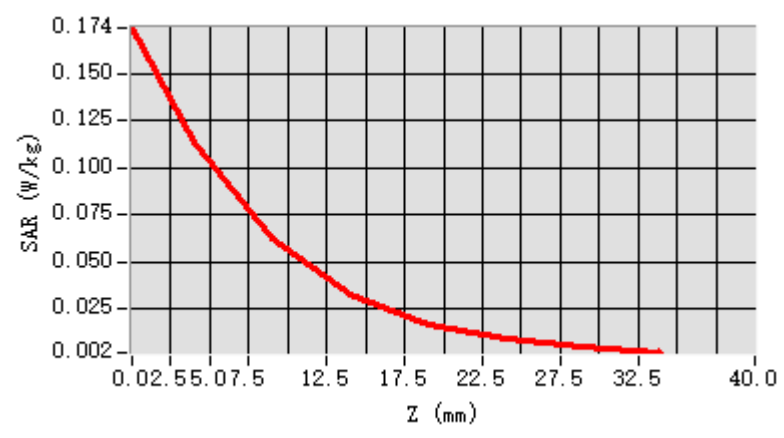
Maximum location: X=18.00, Y=-36.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

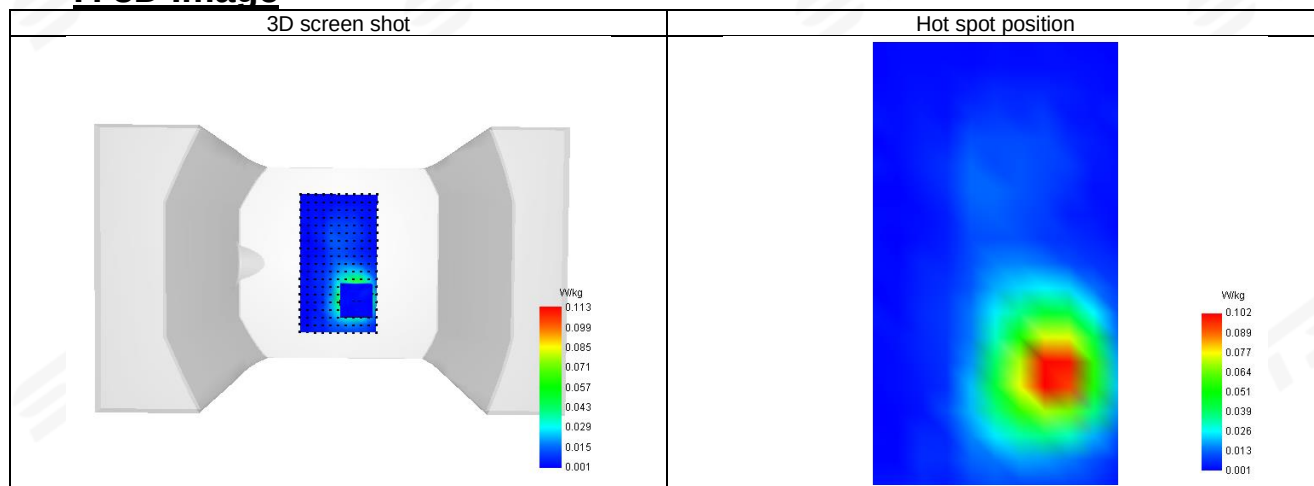
SAR 10g (W/Kg)	0.051
SAR 1g (W/Kg)	0.104
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.705767

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.174	0.113	0.063	0.033	0.017	0.009	0.005

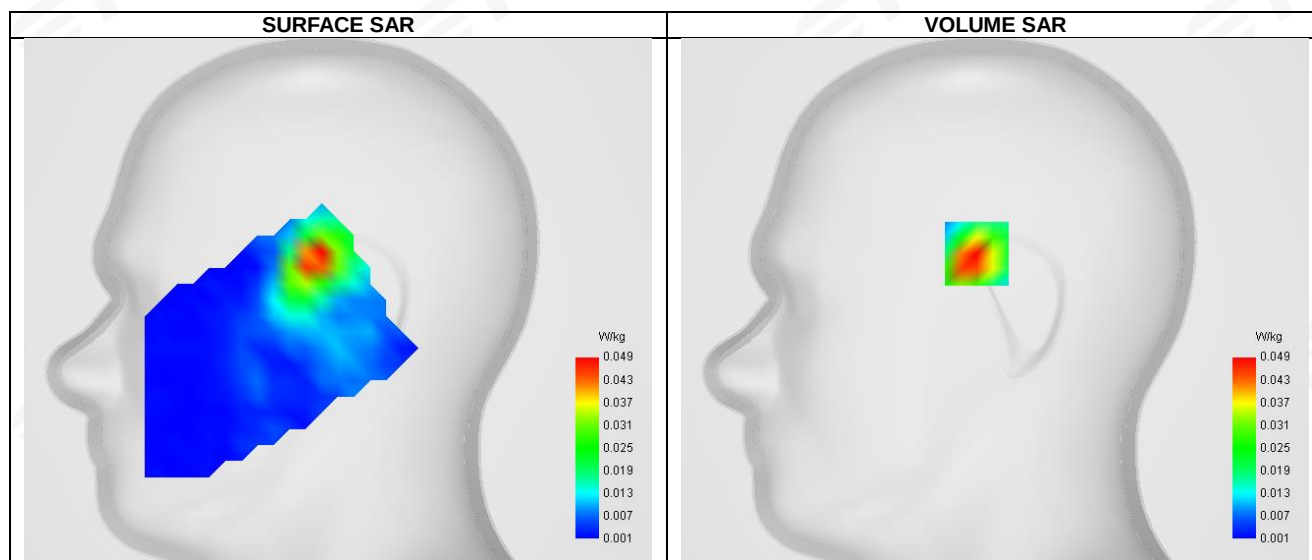


F. 3D Image



Plot 23: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	BT
Signal	GFSK (Crest factor: 1.0)
Frequency (MHz)	2480
Relative permittivity (real part)	39.19
Conductivity (S/m)	1.83



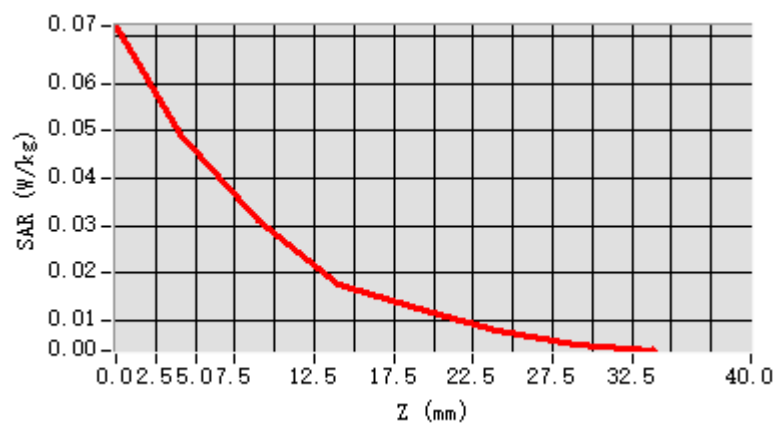
Maximum location: X=-9.00, Y=23.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

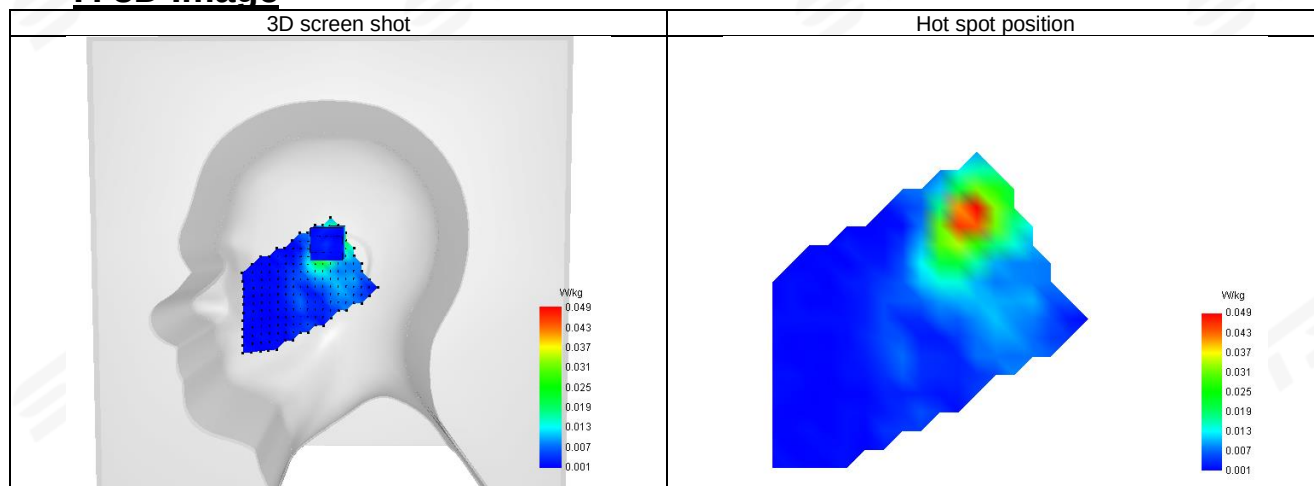
SAR 10g (W/Kg)	0.024
SAR 1g (W/Kg)	0.047
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	62.887510

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.072	0.049	0.031	0.018	0.012	0.008	0.005



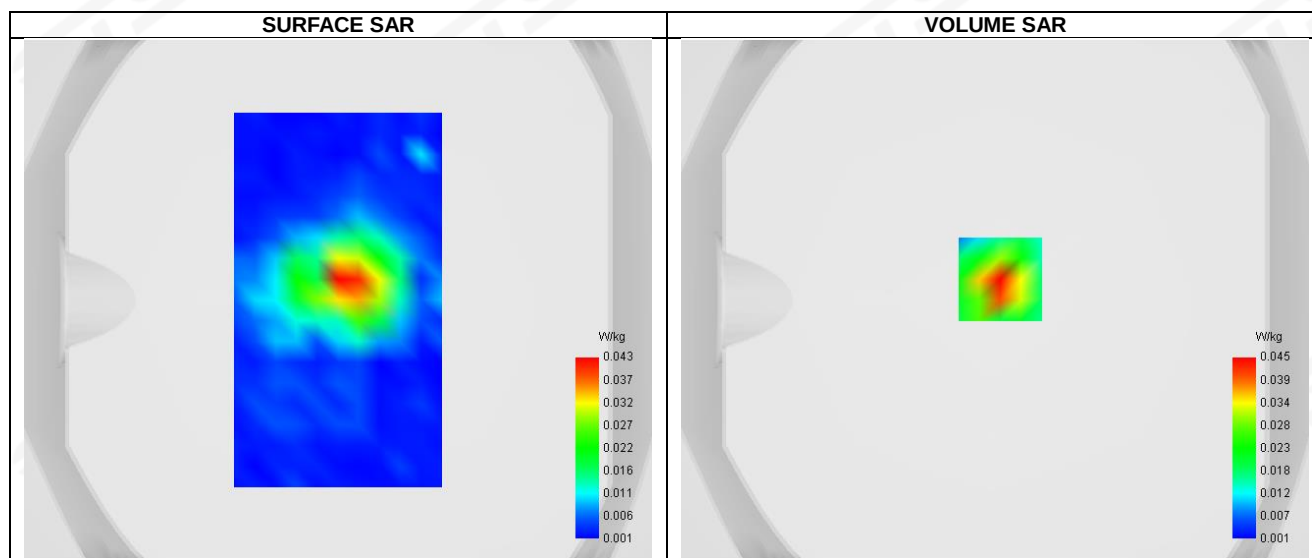
F. 3D Image





Plot 24: DUT: Mini smartphone; EUT Model: XS19Pro

Test Date	2025-11-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	BT
Signal	GFSK (Crest factor: 1.0)
Frequency (MHz)	2480
Relative permittivity (real part)	39.19
Conductivity (S/m)	1.83



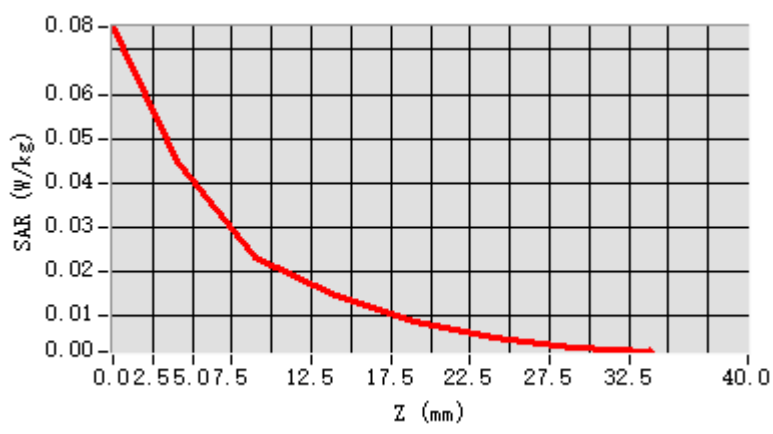
Maximum location: X=2.00, Y=8.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

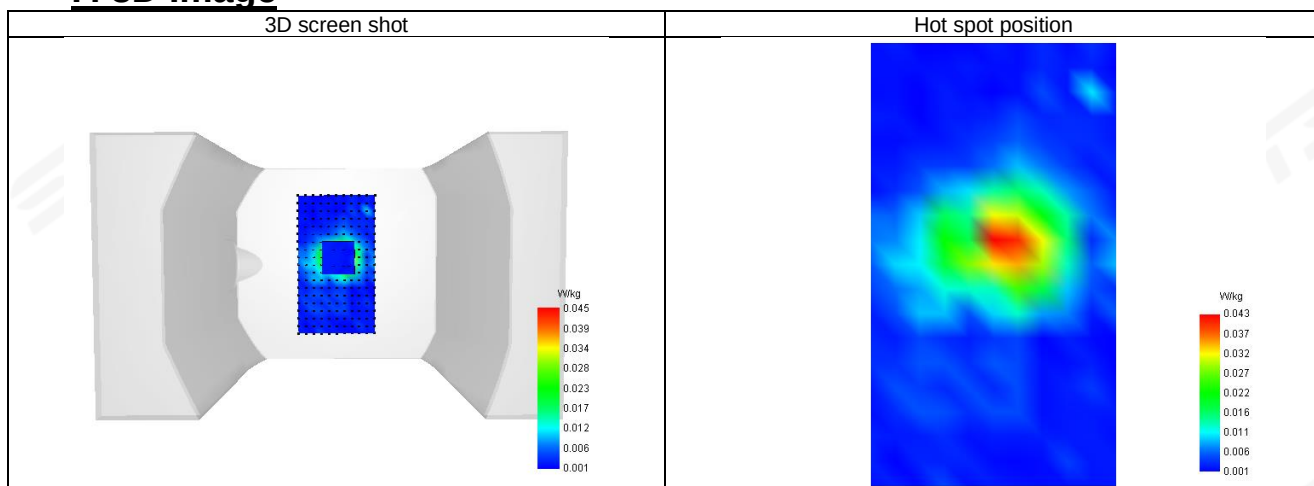
SAR 10g (W/Kg)	0.021
SAR 1g (W/Kg)	0.045
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	51.563732

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.075	0.045	0.023	0.015	0.009	0.005	0.003



F. 3D Image





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※