



TEST REPORT

FCC ID:	2ANMU-C26MINI
Report No.	SZ26090011S01
Product Name:	Smart phone
Model No.:	C26 Mini
Applicant's Name:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Test Standards:	ANSI/IEEE Std. C95.1 FCC 47 CFR Part 2 (2.1093) IEEE Std. 1528-2013
Date of Receipt of Test Item:	04 Sept. 2026
Date of Performance of Tests:	04 Sept. 2026 ~ 09 Sept. 2026
Date of Issue:	09 Sept. 2026
Test Result:	Pass
Compiled by:	<i>Pang Siyu</i> Pang Siyu
Authorized Signatory:	<i>Shen Junsheng</i> Shen Junsheng
Testing Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China



Any reproduction of this document must be done in full. No single part of this document may be reproduced without permission from Morlab, all test data presented in this report is only applicable to presented test sample.

Table of Contents

1. SUMMARY OF MAXIMUM SAR VALUE	5
2. GENERAL INFORMATION	6
2.1 CLIENT INFORMATION	6
2.2 EUT Description	6
2.3 Test Environment	8
2.4 Test Factory	8
3. TEST STANDARDS AND LIMITS	9
4. SAR MEASUREMENT SYSTEM	10
4.1 Definition of Specific Absorption Rate (SAR)	10
4.2 SAR System	10
5. TISSUE SIMULATING LIQUIDS	13
5.1 Simulating Liquids Parameter Check	13
6. SAR SYSTEM VALIDATION	17
6.1 Validation System	17
6.2 Validation Result	18
7. SAR EVALUATION PROCEDURES	19
8. EUT ANTENNA LOCATION SKETCH	21
8.1 SAR Test Exclusion Consider Table	22
9. EUT TEST POSITION	25
9.1 Define Two Imaginary Lines on The Handset	25
9.2 Hotspot Mode Exposure Position Condition	26
10. UNCERTAINTY	27
10.1 Measurement Uncertainty	27
11. CONDUCTED POWER MEASUREMENT	29
11.1 Test Result	29
12. EUT TEST SETUP PHOTO	58
13 SAR Result Summary	58
13.1. Operation Mode	58
13.2 Head SAR	60
13.3 Body-Worn and Hotspot SAR	64
13.4 Simultaneous Multi-Band Transmission Evaluation	68

Table of Contents

APPENDIX A. SYSTEM VALIDATION PLOTS	71
APPENDIX B. SAR TEST PLOTS	87
APPENDIX C. TEST SETUP PHOTOS	163
APPENDIX D. PROBE CALIBRATION AND DIPOLE CALIBRATION REPORT	163

Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
V1.0	09 Sept. 2026	SZ26090011S01	ALL	Initial Issue

1. SUMMARY OF MAXIMUM SAR VALUE

The maximum results of Specific Absorption Rate (SAR) found during testing for EUT are as follows:

Max. Reported SAR(1g) Test distance: Head:0mm Body:0mm	Band	Mode	Head	Body Worn and Hotspot
	PCE	GSM 850	0.457	0.334
	PCE	GSM 1900	0.217	0.433
	PCE	WCDMA Band II	0.481	0.464
	PCE	WCDMA Band IV	0.188	0.488
	PCE	WCDMA Band V	0.345	0.360
	PCE	LTE Band 2	0.395	0.565
	PCE	LTE Band 4	0.232	0.349
	PCE	LTE Band 5	0.431	0.369
	PCE	LTE Band 7	0.442	0.506
	PCE	LTE Band 12	0.196	0.199
	PCE	LTE Band 17	0.227	0.217
	PCE	LTE Band 25	0.375	0.599
	PCE	LTE Band 26A	0.221	0.338
	PCE	LTE Band 26B	0.313	0.367
	PCE	LTE Band 66	0.206	0.363
	DTS	2.4G WLAN	0.077	0.121
	DSS	BT	0.032	0.036
	NII	5.2G WLAN	0.408	0.314
	NII	5.8G WLAN	0.512	0.600
1-g Sum SAR			1.181	1.199
SAR Test Limit			1.6 W/kg	
SAR Test Result			PASS	
FCC Equipment Class	Licensed Portable Transmitter Held to Ear (PCE) Part 15 Spread Spectrum Transmitter (DSS) Digital Transmission System (DTS) Unlicensed National Information Infrastructure TX(NII)			
Note: The listed SAR values for DSS section are estimated values instead of actual measured data.				

2. GENERAL INFORMATION

2.1 Client Information

Applicant:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address of Applicant:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China
Manufacturer:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address of Manufacturer	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China

2.2 EUT Description

Product Name	Smart phone
Brand Name	OUKITE
Model Name	C26 Mini
Series Model	C26,C26 S,C26 E,C26 Pro,C26 Plus,C26 Ultra,C26 Max,C26 GT,C26 Go,C26 Lite.
Model Difference	Only different in model name
Sample number	260904002-1
Battery	Model: S215 Brand: N/A Rated Voltage: 3.85V Charge Limit Voltage: 4.4V Capacity: 2300mAh Manufacturer: Zhongshan Jiuliyuan New
Device Category	Portable
Product stage	Production unit
RF Exposure Environment	General Population / Uncontrolled
Hardware Version	N/A
Software Version	N/A
Frequency Range	GSM 850: 824 MHz ~ 849 MHz PCS 1900: 1850 MHz ~ 1910 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV:1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7:2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 824 MHz / 824 MHz ~ 849 MHz LTE Band 66: 1710 MHz ~ 1780 MHz WLAN 802.11b/g/n20: 2412 MHz ~ 2462 MHz WLAN 802.11n40: 2422 MHz ~ 2452 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5150 ~ 5250 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5725 ~ 5850 MHz Bluetooth: 2402 MHz ~ 2480 MHz

Operating Mode:	GSM: GSM Voice; GPRS/EGPRS Class 12 WCDMA: RMC, HSDPA, HSUPA Release 6 LTE: QPSK, 16QAM 2.4G WLAN: 802.11b(DSSS): CCK, DQPSK, DBPSK 802.11g(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11n(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 5G WLAN: 802.11a(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11n(OFDM): BPSK, QPSK, 16-QAM, 64-QAM 802.11ac(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK BLE: GFSK
Antenna Specification:	GSM/WCDMA/LTE: PIFA Antenna Bluetooth: PIFA Antenna WLAN: PIFA Antenna
SIM Card	Support dual-SIM, dual standby, the multiple SIM card with two lines cannot transmit at the same time
Hotspot Mode	Support
DTM Mode	Not Support
Note: 1. The dual SIM card mobile has 2 SIM slots and supports dual SIM dual standby. The WWAN radio transmission will be enabled by either one SIM at a time (Single active) 2. After pre-scan two SIM cards power, we found test result of the SIM1 was the worse, so we chose SIM1 card to perform all tests. 3. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power	

2.3 Test Environment

Ambient conditions in the SAR laboratory:

Items	Required
Temperature (°C)	18-25
Humidity (%RH)	30-70

2.4 Test Factory

ShenZhen Morlab Communications Technology Co.,Ltd.

FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District,
ShenZhen, GuangDong Province, P. R. China

3. TEST STANDARDS AND LIMITS

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	IEEE Std C95.1, 2019	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz. It specifies the maximum exposure limit of 1.6 W/kg as averaged over any 1 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.
3	IEEE Std. 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
4	FCC KDB 447498 D01 v06	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
5	FCC KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
6	FCC KDB 865664 D02 v01r02	RF Exposure Reporting
7	FCC KDB 941225 D01 v03r01	SAR Measurement Procedures for 3G Devices
8	FCC KDB 941225 D05 v02r05	SAR for LTE Devices
9	FCC KDB 941225 D06 v02r01	Hotspot Mode SAR
10	FCC KDB 648474 D04 v01r03	SAR Evaluation Considerations for Wireless Handsets
11	FCC KDB 248227 D01 v02r02	SAR Considerations for 802.11 Devices

(A). Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

(B). Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

NOTE: Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1 gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

Population/Uncontrolled Environments:

Are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Occupational/Controlled Environments:

Are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

NOTE
GENERAL POPULATION/UNCONTROLLED EXPOSURE
PARTIAL BODY LIMIT
1.6 W/kg(1g)
PARTIAL WRIST LIMIT

4. SAR MEASUREMENT SYSTEM

4.1 Definition of Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

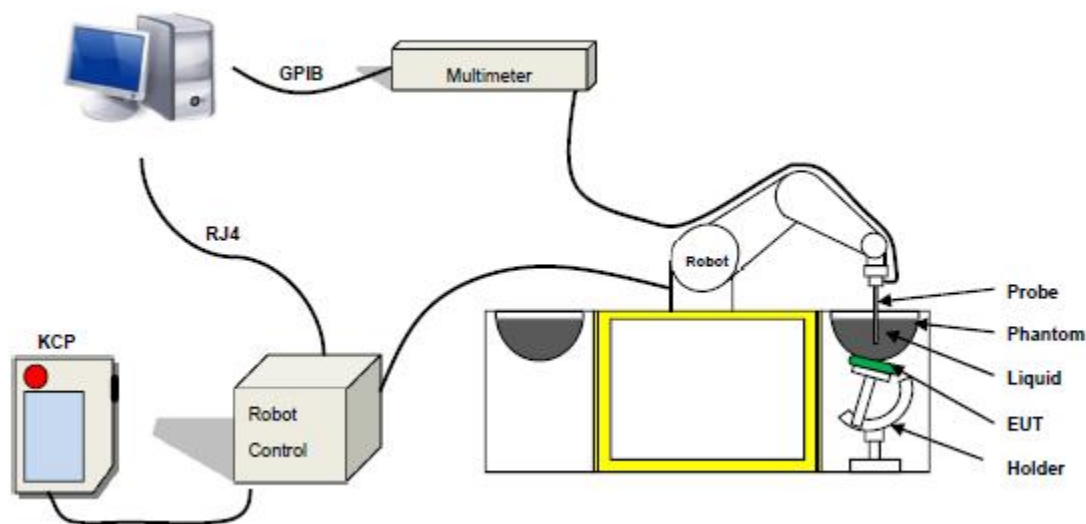
$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

ρ is the mass density of the tissue and E is the RMS electrical field strength.

4.2 SAR System

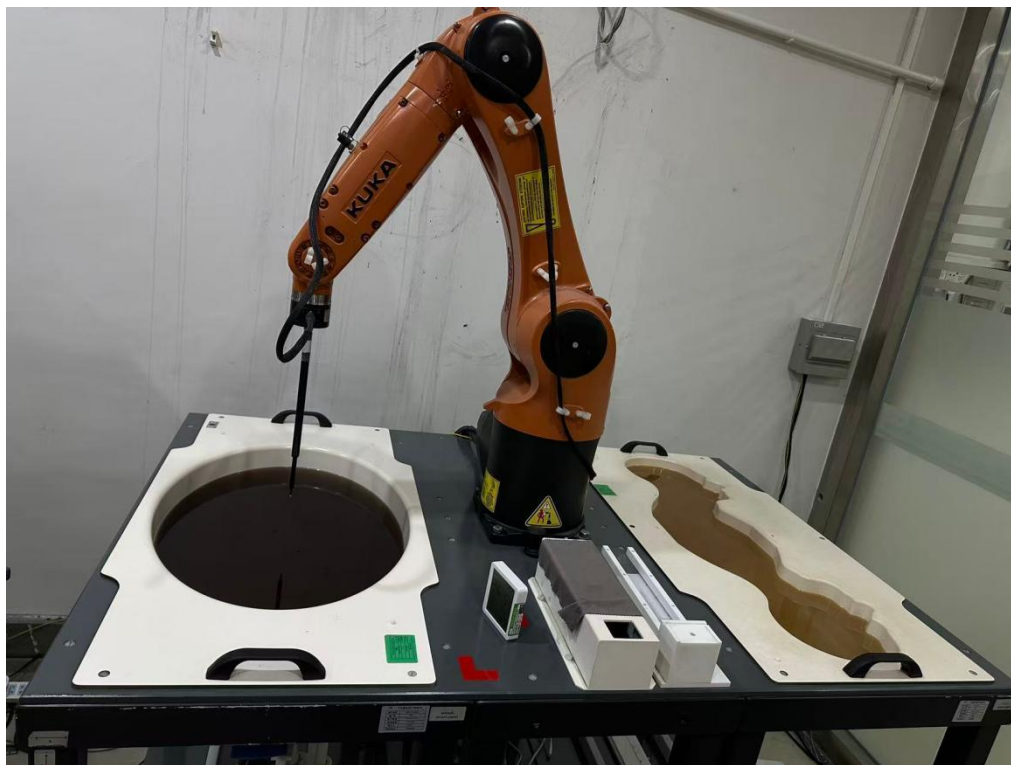
MVG SAR System Diagram:



COMOSAR is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The COMOSAR system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue

The following figure shows the system.



The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The Open SAR software computes the results to give a SAR value in a 1g or 10g mass.

4.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe with following specifications is used

- Probe Length: 330 mm
- Length of Individual Dipoles: 2 mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter: 2.5 mm
- Distance between dipole/probe extremity: 1 mm
- Dynamic range: 0.01-100 W/kg
- Probe linearity: 3%
- Axial Isotropy: < 0.10 dB
- Spherical Isotropy: < 0.10 dB
- Calibration range: 750 MHz to 7 GHz for head & body simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°



Figure 1-MVG COMOSAR Dosimetric E field Dipole

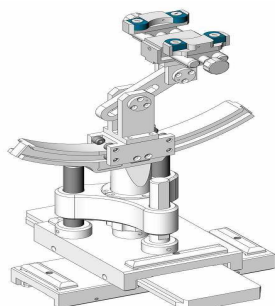
4.2.2 Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.

SN 32/14 SAM115



4.2.3 Device Holder



The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5 mm distance, a positioning uncertainty of ± 0.5 mm would produce a SAR uncertainty of ± 20 %. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions in which the devices must be measured are defined by the standards.

5. TISSUE SIMULATING LIQUIDS

5.1 Simulating Liquids Parameter Check

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values

The uncertainty due to the liquid conductivity and permittivity arises from two different sources. The first source of error is the deviation of the liquid conductivity from its target value (max _ 5 %) and the second source of error arises from the measurement procedures used to assess conductivity. The uncertainty shall be assessed using a rectangular probability. For 1 g averaging, the maximum weighting coefficient for SAR is 0,5.

The head tissue dielectric parameters recommended by the IEEE 62209-1528 have been incorporated in the following table.

Frequency	ϵ_r	σ 10g S/m
300	45.3	0.87
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1450	40.5	1.20
1800 to 2000	40.0	1.40
2100	39.8	1.49
2450	39.2	1.80
2600	39.0	1.96
3000	38.5	2.40
3500	37.9	2.91
4000	37.4	3.43
4500	36.8	3.94
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27

The following table gives the recipes for tissue simulating liquid and the theoretical Conductivity/Permittivity.

Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.4	40.0
2450	55.0	0	0	0.1	0	44.9	1.80	39.2
2600	54.9	0	0	0.1	0	45.0	1.96	39.0
Frequency (MHz)	Water (%)	Hexyl Carbitol (%)			Triton X-100 (%)		Conductivity σ (S/m)	Permittivity ϵ
5200	62.52	17.24			17.24		4.66	36.0
5800	62.52	17.24			17.24		5.27	35.3
Body (From instrument manufacturer)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ϵ
750	51.7	47.2	0	0.9	0.1	0	0.96	55.5
835	50.8	48.2	0	0.9	0.1	0	0.97	55.2
900	50.8	48.2	0	0.9	0.1	0	1.05	55.0
1800, 1900, 2000	70.2	0	0	0.4	0	29.4	1.52	53.3
2450	68.6	0	0	0.1	0	31.3	1.95	52.7
2600	68.2	0	0	0.1	0	31.7	2.16	52.5
Frequency (MHz)	Water	DGBE (%)			Salt (%)		Conductivity σ (S/m)	Permittivity ϵ

5200	78.60	21.40	/	5.30	49.00
5800	78.50	21.40	0.1	6.00	48.20

LIQUID MEASUREMENT RESULTS

Date	Simulating Liquid		Parameters	Target	Measured	Deviation %	Limited %
	Frequency (MHz)	Temp. [°C]					
2026-09-04	704	21.0	Permittivity	42.15	42.66	1.22	±5
			Conductivity	0.89	0.90	1.47	±5
2026-09-04	709	21.0	Permittivity	42.12	42.87	1.78	±5
			Conductivity	0.89	0.89	0.31	±5
2026-09-04	711	21.0	Permittivity	42.11	42.79	1.62	±5
			Conductivity	0.89	0.89	0.29	±5
2026-09-04	750	21.0	Permittivity	41.90	42.11	0.50	±5
			Conductivity	0.89	0.91	2.25	±5
2026-09-05	819	23.7	Permittivity	41.58	42.41	2.01	±5
			Conductivity	0.90	0.91	1.32	±5
2026-09-05	829	23.7	Permittivity	41.53	42.37	2.03	±5
			Conductivity	0.90	0.90	0.08	±5
2026-09-05	831.5	23.7	Permittivity	41.52	41.98	1.12	±5
			Conductivity	0.90	0.90	0.05	±5
2026-09-05	835	23.7	Permittivity	41.50	42.21	1.71	±5
			Conductivity	0.90	0.91	1.11	±5
2026-09-05	836.6	23.7	Permittivity	41.49	41.37	-0.30	±5
			Conductivity	0.90	0.91	1.09	±5
2026-09-05	846.6	23.7	Permittivity	41.45	42.18	1.77	±5
			Conductivity	0.90	0.92	2.07	±5
2026-09-06	1720	22.4	Permittivity	40.11	40.49	0.94	±5
			Conductivity	1.35	1.35	-0.32	±5
2026-09-06	1740	22.4	Permittivity	40.09	40.83	1.86	±5
			Conductivity	1.37	1.36	-0.42	±5
2026-09-06	1770	22.4	Permittivity	40.04	39.66	-0.96	±5
			Conductivity	1.38	1.38	-0.21	±5
2026-09-06	1800	22.4	Permittivity	40.00	40.12	0.30	±5
			Conductivity	1.40	1.42	1.43	±5
2026-09-07	1850.2	22.1	Permittivity	40.00	40.13	0.33	±5
			Conductivity	1.40	1.42	1.43	±5
2026-09-07	1880	22.1	Permittivity	40.00	39.81	-0.47	±5
			Conductivity	1.40	1.39	-0.71	±5
2026-09-07	1882.5	22.1	Permittivity	40.00	40.33	0.82	±5
			Conductivity	1.40	1.39	-0.71	±5
2026-09-07	1900	22.1	Permittivity	40.00	40.42	1.05	±5
			Conductivity	1.40	1.40	0.00	±5
2026-09-09	2412	23.1	Permittivity	39.27	39.57	0.77	±5
			Conductivity	1.77	1.75	-0.92	±5
2026-09-09	2440	23.1	Permittivity	39.22	39.83	1.56	±5
			Conductivity	1.79	1.81	1.05	±5
2026-09-09	2450	23.1	Permittivity	39.20	39.05	-0.38	±5
			Conductivity	1.80	1.79	-0.56	±5
2026-09-08	2510	23.8	Permittivity	39.12	39.08	-0.10	±5
			Conductivity	1.86	1.87	0.32	±5

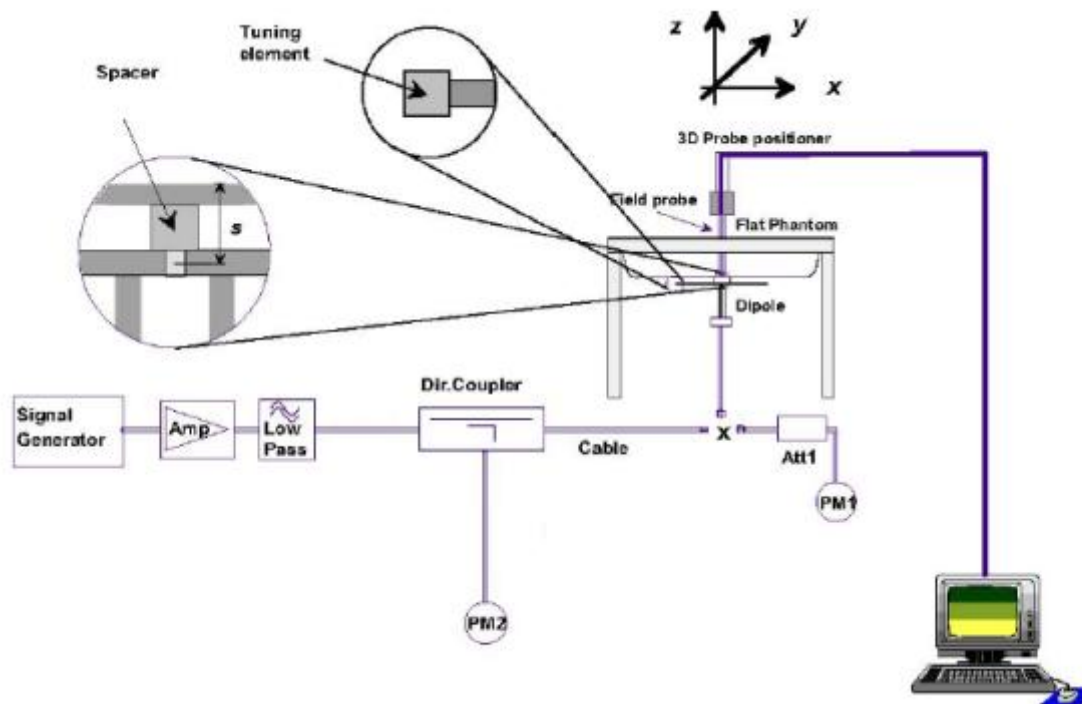
2026-09-08	2535	23.8	Permittivity	39.09	39.41	0.83	±5
			Conductivity	1.89	1.90	0.49	±5
2026-09-08	2560	23.8	Permittivity	39.05	38.99	-0.16	±5
			Conductivity	1.92	1.93	0.66	±5
2026-09-08	2600	23.8	Permittivity	39.00	39.14	0.36	±5
			Conductivity	1.96	1.96	0.00	±5
2026-09-09	5180	23.1	Permittivity	36.02	36.94	2.55	±5
			Conductivity	4.64	4.63	-0.19	±5
2026-09-09	5200	23.1	Permittivity	36.00	35.85	-0.42	±5
			Conductivity	4.66	4.66	0.00	±5
2026-09-09	5745	23.1	Permittivity	35.36	36.52	3.30	±5
			Conductivity	5.21	5.22	0.15	±5
2026-09-09	5785	23.1	Permittivity	35.32	36.04	2.05	±5
			Conductivity	5.25	5.28	0.49	±5
2026-09-09	5800	23.1	Permittivity	35.30	36.27	2.75	±5
			Conductivity	5.27	5.27	0.00	±5
2026-09-09	5825	23.1	Permittivity	35.28	35.25	-0.07	±5
			Conductivity	5.30	5.29	-0.12	±5

6. SAR SYSTEM VALIDATION

6.1 Validation System

Each MVG system is equipped with one or more system validation kits. These units, together with the predefined measurement procedures within the MVG software, enable the user to conduct the system performance check and system validation. System kit includes a dipole, and dipole device holder.

The system check verifies that the system operates within its specifications. It's performed daily or before every SAR measurement. The system check uses normal SAR measurement in the flat section of the phantom with a matched dipole at a specified distance. The system validation setup is shown as below.



6.2 Validation Result

Comparing to the original SAR value provided by MVG, the validation data should be within its specification of 10 %.

Date	Frequency (MHz)	Power	SAR _{1g} (W/Kg)	SAR _{10g} (W/Kg)	Drift (%)	1W Target		Difference percentage		Limited (±10%)
						SAR _{1g} (W/Kg)	SAR _{10g} (W/Kg)	1g	10g	
2026-09-04	750	100 mW	0.795	0.525	3.45	8.41	5.52	-5.47%	-4.89%	10
		Normalize to 1 Watt	7.95	5.25						
2026-09-05	835	100 mW	0.968	0.651	-2.47	9.61	6.17	0.73%	5.51%	10
		Normalize to 1 Watt	9.68	6.51						
2026-09-06	1800	100 mW	3.833	2.002	1.06	37.05	19.85	3.45%	0.86%	10
		Normalize to 1 Watt	38.33	20.02						
2026-09-07	1900	100 mW	3.951	2.114	-2.02	39.36	20.04	0.38%	5.49%	10
		Normalize to 1 Watt	39.51	21.14						
2026-09-09	2450	100 mW	5.296	2.455	-3.54	53.34	24.22	-0.71%	1.36%	10
		Normalize to 1 Watt	52.96	24.55						
2026-09-08	2600	100 mW	5.602	2.468	3.55	56.94	25.06	-1.62%	-1.52%	10
		Normalize to 1 Watt	56.02	24.68						
2026-09-09	5200	10 mW	1.691	0.607	-0.07	164.05	57.03	3.08%	6.44%	10
		Normalize to 1 Watt	169.10	60.70						
2026-09-09	5800	10 mW	1.805	0.623	-2.02	185.02	62.43	-2.44%	-0.21%	10
		Normalize to 1 Watt	180.50	62.30						

Note:

- (1) We use a CW signal of 20dBm(750/835/1800/1900/2450/2600MHz) and 10dBm(5000-6000MHz) for system check, and then all SAR values are normalized to 1W forward power. The result must be within ±10% of target value.

7. SAR EVALUATION PROCEDURES

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurement are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface is 2.7mm This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties,

Step 2: Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in SATIMO software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in db) is specified in the standards for compliance testing. For example, a 2db range is required in IEEE Standard 1528 standards, whereby 3db is a requirement when compliance is assessed in accordance with the ARIB standard (Japan) If one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximum are detected, the number of Zoom Scan has to be increased accordingly.

Area Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100MHz to 6GHz

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5±1 mm	$21 \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ±1°	20° ±1°
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}	≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

Zoom Scan are used to assess the peak spatial SAR value within a cubic average volume containing 1g and 10g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1g and 10g and displays these values next to the job's label.

Zoom Scan Parameters extracted from KDB865664 d01 SAR Measurement 100MHz to 6GHz

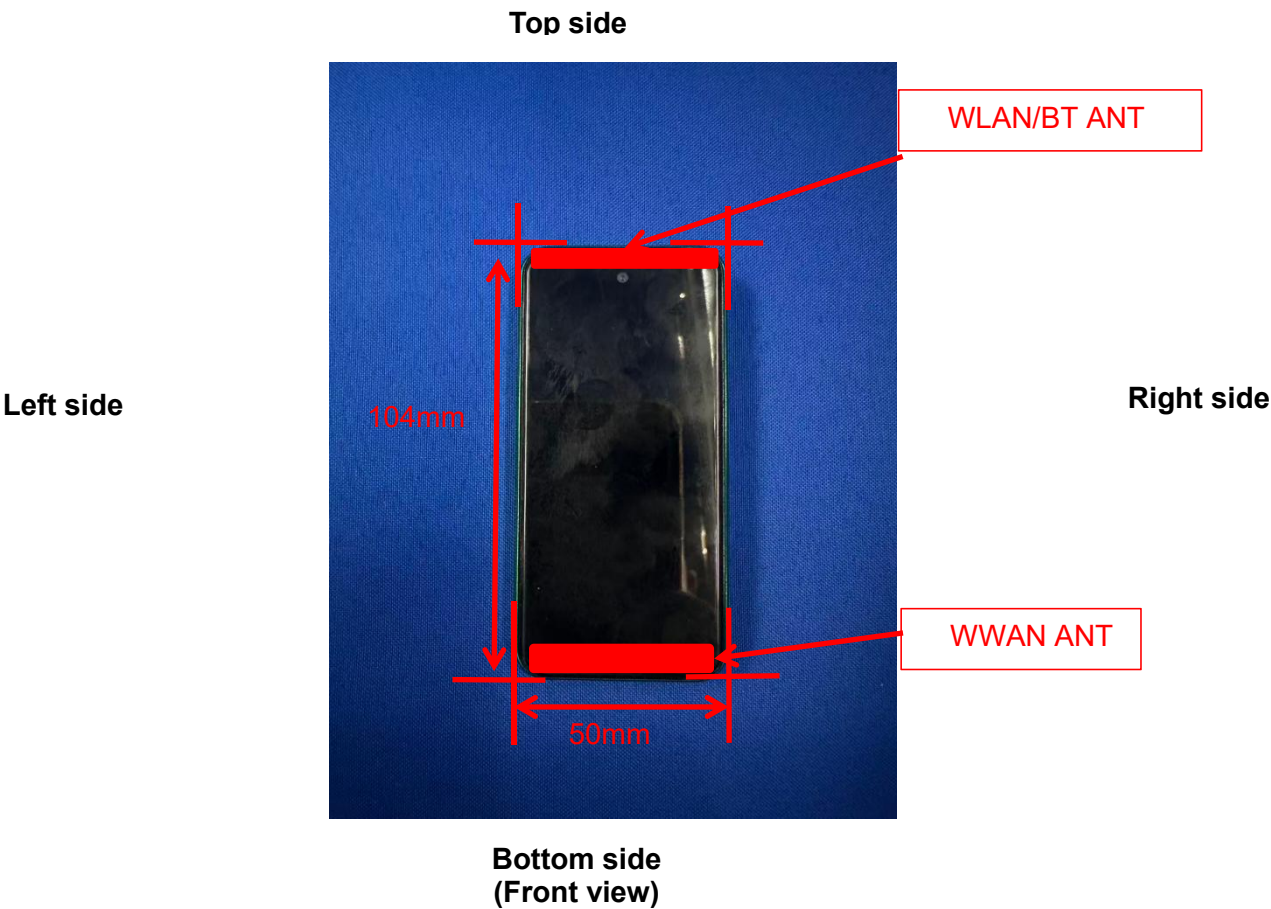
Parameter		≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: ΔxZoom , ΔyZoom		≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: ΔzZoom(n)	≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
	ΔzZoom(1) : between 1st two points closest to phantom surface		
	graded grid		
	ΔzZoom(n>1) : between subsequent points	≤1.5 · ΔzZoom(n-1)	
Minimum zoom scan volume	x, y, z	≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm
Note:is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details. When zoom scan is required and the reported SAR from the area scan based 1-g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.			

Step 4: Power Drift Measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the same settings. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

8. EUT ANTENNA LOCATION SKETCH

It is a Smart phone, support GSM/WCDMA/LTE/WLAN/BT mode.



Antenna Separation Distance(cm)						
ANT	Back Side	Front Side	Left Side	Right Side	Top Side	Bottom Side
WLAN/BT	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	10.1
WWAN	≤0.5	≤0.5	≤0.5	≤0.5	10.1	≤0.5

Note 1: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

8.1 SAR Test Exclusion Consider Table

The WWAN/WLAN/BT SAR evaluation of Maximum power (dBm) summing tolerance.

Exposure Position	Wireless Interface	GSM850	PCS1900	WCDMA II	WCDMA IV	WCDMA V
	Calculated Frequency (GHz)	0.8366	1.88	1.88	1.74	0.8466
	Maximum Tune-up power (dBm)	33.5	30.5	23.5	23.5	23
	Maximum rated power(mW)	2238.72	1122.02	223.87	223.87	199.53
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.22	3.39	3.39	3.30	6.43
	Testing required?	YES	YES	YES	YES	YES
Front Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.22	3.39	3.39	3.30	6.43
	Testing required?	YES	YES	YES	YES	YES
Left Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.22	3.39	3.39	3.30	6.43
	Testing required?	YES	YES	YES	YES	YES
Right Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.22	3.39	3.39	3.30	6.43
	Testing required?	YES	YES	YES	YES	YES
Top Side	Separation distance (cm)	10.1	10.1	10.1	10.1	10.1
	exclusion threshold(mW)	648.98	867.76	867.76	974.35	976.79
	Testing required?	YES	YES	NO	NO	NO
Bottom Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	9.22	3.39	3.39	3.30	6.43
	Testing required?	YES	YES	YES	YES	YES

Exposure Position	Wireless Interface	LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 17
	Calculated Frequency (GHz)	1.88	1.7175	0.829	2.535	0.7075	0.71
	Maximum Tune-up power (dBm)	23.5	23.5	24	24	24.5	24.5
	Maximum rated power(mW)	223.87	223.87	251.19	251.19	281.84	281.84
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	3.65	9.34	2.67	11.67	11.61
	Testing required?	YES	YES	YES	YES	YES	YES
Front Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	3.65	9.34	2.67	11.67	11.61
	Testing required?	YES	YES	YES	YES	YES	YES
Left Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	3.65	9.34	2.67	11.67	11.61
	Testing required?	YES	YES	YES	YES	YES	YES
Right Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	3.65	9.34	2.67	11.67	11.61
	Testing required?	YES	YES	YES	YES	YES	YES
Top Side	Separation distance (cm)	10.1	10.1	10.1	10.1	10.1	10.1

Bottom Side	exclusion threshold(mW)	867.76	879.47	645.70	830.12	591.34	592.50
	Testing required?	NO	NO	NO	NO	NO	NO
	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	3.65	9.34	2.67	11.67	11.61
	Testing required?	YES	YES	YES	YES	YES	YES

Exposure Position	Wireless Interface	LTE Band 25	LTE Band 26	LTE Band 26	LTE Band 66
	Calculated Frequency (GHz)	1.8825	0.819	0.8365	1.72
	Maximum Tune-up power (dBm)	23.5	24	24	23
	Maximum rated power(mW)	223.87	251.19	251.19	199.53
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	6.60	6.49	3.64
	Testing required?	YES	YES	YES	YES
Front Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	6.60	6.49	3.64
	Testing required?	YES	YES	YES	YES
Left Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	6.60	6.49	3.64
	Testing required?	YES	YES	YES	YES
Right Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	6.60	6.49	3.64
	Testing required?	YES	YES	YES	YES
Top Side	Separation distance (cm)	10.1	10.1	10.1	10.1
	exclusion threshold(mW)	867.59	981.60	978.53	879.28
	Testing required?	NO	NO	NO	NO
Bottom Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.39	6.60	6.49	3.64
	Testing required?	YES	YES	YES	YES

Exposure Position	Wireless Interface	BT	2.4G WLAN	5.2G WLAN	5.8G WLAN
	Calculated Frequency (GHz)	2.44	2.412	5.18	5.825
	Maximum Tune-up power (dBm)	9.5	19	9	10
	Maximum rated power(mW)	8.91	79.43	7.94	10.00
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.75	2.78	1.51	1.37
	Testing required?	YES	YES	YES	YES
Front Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.75	2.78	1.51	1.37
	Testing required?	YES	YES	YES	YES
Left Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.75	2.78	1.51	1.37
	Testing required?	YES	YES	YES	YES
Right Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.75	2.78	1.51	1.37

	Testing required?	YES	YES	YES	YES
Top Side	Separation distance (cm)	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.75	2.78	1.51	1.37
	Testing required?	YES	YES	YES	YES
Bottom Side	Separation distance (cm)	10.1	10.1	10.1	10.1
	exclusion threshold(mW)	834.83	836.26	746.62	733.73
	Testing required?	NO	NO	NO	NO

Note:

1. maximum power is the source-based time-average power and represents the maximum RF output power among production units.
2. Per KDB 447498 D01 v06, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D01 v06 Section 4.3.1, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions is not required when the SAR test exclusion threshold is satisfied. For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the criterion is given by:

$$[(\text{Max. power of channel, including tune-up tolerance, mW}) / (\text{Min. test separation distance, mm})] \times \sqrt{f(\text{GHz})} \leq 3.0 \text{ for 1-g head/body SAR, and } \leq 7.5 \text{ for 10-g extremity SAR.}$$

$$\frac{\text{Max. Tune-up Power (mW)}}{\text{Min. Test Separation Distance (mm)}} \times \sqrt{f(\text{GHz})} \leq 3.0$$

The applicable frequency range is 0.3 GHz to 6 GHz, and the applicable separation distance range is 0.5 cm to 40 cm. Where the actual minimum test separation distance is less than 5 mm, a separation distance of 5 mm shall be used for calculation. Power and distance are rounded to the nearest integer before calculation, and the calculated result is rounded to one decimal place for comparison. Only source-based time-averaged maximum conducted output power is used for SAR test exclusion evaluation; ERP shall not be applied in this clause.

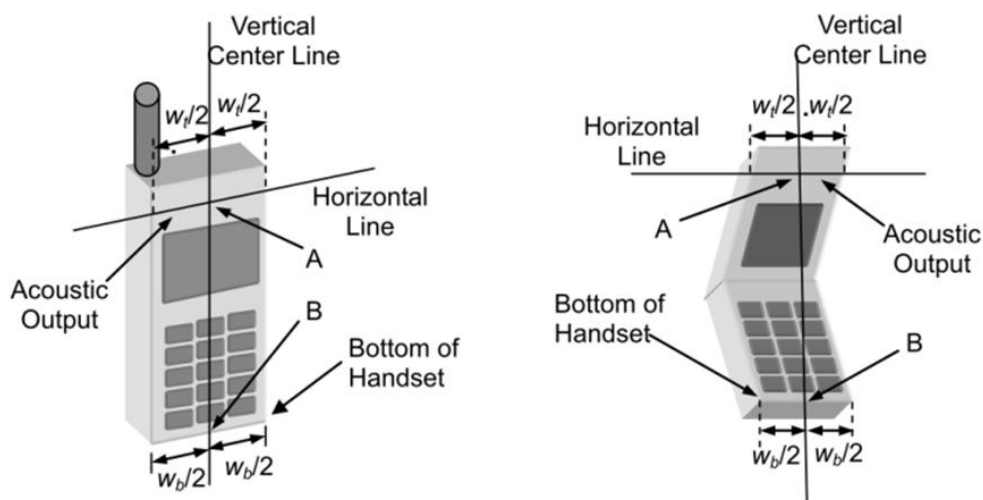
4. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion 8. for each frequency band, testing at higher data rates and higher order modulations is not required when the maximum average output power for each of these configurations is less than 1/4db higher than those measured at the lower data rate than 11b mode ,thus the SAR can be excluded.
5. Per KDB 616217 D04, SAR evaluation for the front surface of tablet display screens are generally not necessary.
6. Per KDB 248227, as maximum rated power for U-NII-2A>U-NII-1, U-NII-2A was chosen for SAR evaluation. Based on the measurements obtained, SAR measurements on U-NII-1 are not required as highest reported SAR from U-NII-2A band is $\leq 1.2\text{W/Kg}$.

9. EUT TEST POSITION

This EUT was tested in Right Cheek, Right Titled, Left Cheek, Left Titled, **Body front, Body back. and 4 edges.**

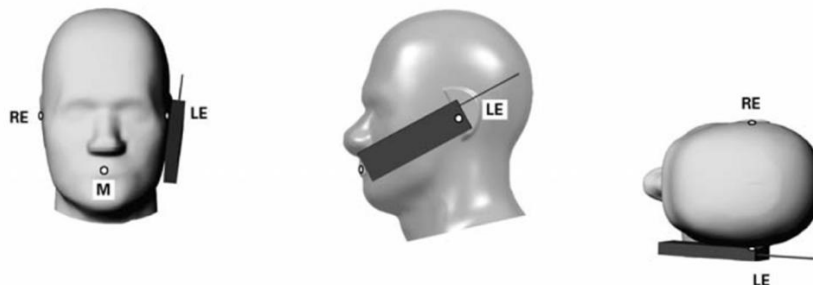
9.1 Define Two Imaginary Lines on The Handset

- (1) The vertical centerline passes through two points on the front side of the handset the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the handset.
- (2) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- (3) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



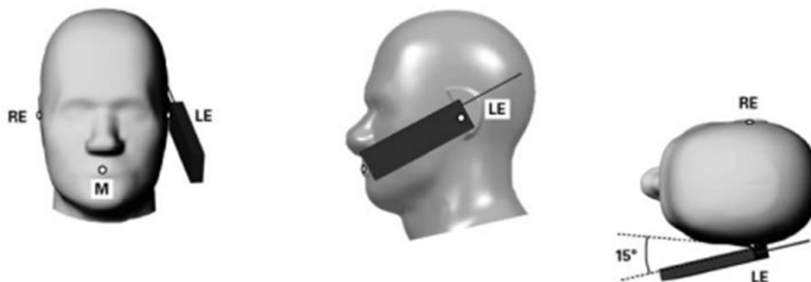
Cheek Position

- 1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- 2) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost



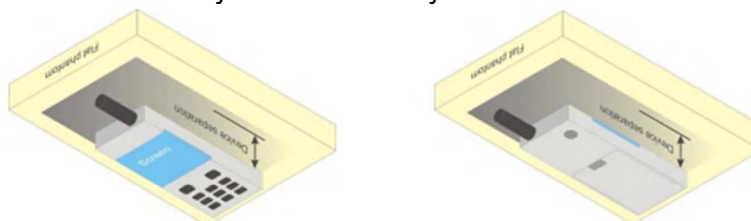
Title Position

- (1) To position the device in the “cheek” position described above.
- (2) While maintaining the device in the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until with the ear is lost.



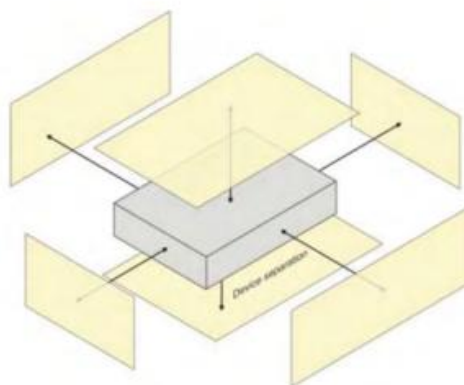
Body-worn Position Conditions:

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 v06 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative *test separation distance* configuration may be used to support both SAR conditions. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is $> 1.2 \text{ W/kg}$, the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.



9.2 Hotspot Mode Exposure Position Condition

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing function, the relevant hand and body exposure condition are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surface and edges with a transmitting antenna located within 25 mm from that surface or edge. When form factor of a handset is smaller than 9cm x 5cm, a test separation distance of 5mm (instead of 10mm) is required for testing hotspot mode. When the separate distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).



10. UNCERTAINTY

10.1 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEEE 1528: 2013. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

SATIMO Uncertainty									
Measurement uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+/- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+/-%)	10g Ui (+/-%)	vi
Measurement System									
Probe calibration	E.2.1	7.00	N	1.00	1.00	1.00	7.00	7.00	∞
Axial Isotropy	E.2.2	0.19	R	1.73	0.71	0.71	0.08	0.08	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.71	0.71	0.42	0.42	∞
Boundary effect	E.2.3	1.00	R	1.73	1.00	1.00	0.58	0.58	∞
Linearity	E.2.4	1.87	R	1.73	1.00	1.00	1.08	1.08	∞
System detection limits	E.2.4	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Modulation response	E.2.5	3.42	R	1.73	1.00	1.00	1.97	1.97	∞
Readout Electronics	E.2.6	0.26	N	1.00	1.00	1.00	0.26	0.26	∞
Response Time	E.2.7	0.17	R	1.73	1.00	1.00	0.10	0.10	∞
Integration Time	E.2.8	1.43	R	1.73	1.00	1.00	0.83	0.83	∞
RF ambient conditions- Noise	E.6.1	3.51	R	1.73	1.00	1.00	2.03	2.03	∞
RF ambient conditions- reflections	E.6.1	3.15	R	1.73	1.00	1.00	1.82	1.82	∞
Probe positioner mechanical tolerance	E.6.2	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.40	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.10	R	1.73	1.00	1.00	1.21	1.21	∞
Test sample Related									
Test sample positioning	E.4.2	3.10	N	1.00	1.00	1.00	3.10	3.10	∞
Device holder uncertainty	E.4.1	3.80	N	1.00	1.00	1.00	3.80	3.80	∞
Output power variation— SAR drift measurement	E.2.9	4.50	R	1.73	1.00	1.00	2.60	2.60	∞
SAR scaling	E.6.5	1.80	R	1.73	1.00	1.00	1.04	1.04	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.70	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.90	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	2.40	R	1.73	0.78	0.71	1.08	0.98	M
Liquid permittivity measurement	E.3.3	4.10	N	1.00	0.78	0.71	3.20	2.91	M
Liquid conductivity— temperature uncertainty	E.3.4	2.70	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity— temperature uncertainty	E.3.4	4.80	N	1.00	0.23	0.26	1.10	1.25	∞
Combined Standard Uncertainty			RSS				10.89	10.77	
Expanded Uncertainty (95% Confidence interval)			K=2				21.79	21.54	

SATIMO Uncertainty									
System Validation uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+ - %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System									
Probe calibration	E.2.1	7.00	N	1.00	1.00	1.00	7.00	7.00	∞
Axial Isotropy	E.2.2	0.19	R	1.73	1.00	1.00	0.08	0.08	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.00	0.00	0.00	0.00	∞
Boundary effect	E.2.3	1.00	R	1.73	1.00	1.00	0.58	0.58	∞
Linearity	E.2.4	1.87	R	1.73	1.00	1.00	1.08	1.08	∞
System detection limits	E.2.4	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Modulation response	E.2.5	3.42	R	1.73	0.00	0.00	0.00	0.00	∞
Readout Electronics	E.2.6	0.26	N	1.00	1.00	1.00	0.26	0.26	∞
Response Time	E.2.7	0.17	R	1.73	0.00	0.00	0.00	0.00	∞
Integration Time	E.2.8	1.43	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions-Noise	E.6.1	3.51	R	1.73	1.00	1.00	2.03	2.03	∞
RF ambient conditions-reflections	E.6.1	3.15	R	1.73	1.00	1.00	1.82	1.82	∞
Probe positioner mechanical tolerance	E.6.2	1.20	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.40	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.10	R	1.73	1.00	1.00	1.21	1.21	∞
System validation source									
Deviation of experimental dipole from numerical dipole	E.6.4	4.80	N	1.00	1.00	1.00	4.80	4.80	∞
Input power and SAR drift measurement	8,6.6.4	5.10	R	1.73	1.00	1.00	2.94	2.94	∞
Dipole axis to liquid distance	8,E.6.6	2.40	R	1.73	1.00	1.00	1.39	1.39	∞
Phantom and set-up									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.70	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.90	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity (temperature uncertainty)	E.3.3	2.40	R	1.73	0.78	0.71	1.08	0.98	∞
Liquid conductivity (measured)	E.3.3	4.10	N	1.00	0.78	0.71	3.20	2.91	M
Liquid permittivity (temperature uncertainty)	E.3.4	2.70	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity (measured)	E.3.4	4.80	N	1.00	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty			RSS				10.75	10.63	
Expanded Uncertainty (95% Confidence interval)			K=2				21.50	21.26	

SATIMO Uncertainty									
System Check uncertainty for DUT averaged over 1 gram / 10 gram.									
Uncertainty Component	Sec.	Tol (+ - %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System									
Probe calibration drift	E.2.1.3	7.00	N	1.00	1.00	1.00	7.00	7.00	∞
Axial Isotropy	E.2.2	0.18	R	1.73	0.00	0.00	0.00	0.00	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.00	0.00	0.00	0.00	∞
Boundary effect	E.2.3	0.8	R	1.73	0.00	0.00	0.00	0.00	∞
Linearity	E.2.4	1.25	R	1.73	0.00	0.00	0.00	0.00	∞
System detection limits	E.2.4	1.20	R	1.73	0.00	0.00	0.00	0.00	∞
Modulation response	E.2.5	3.42	R	1.73	0.00	0.00	0.00	0.00	∞
Readout Electronics	E.2.6	0.26	N	1.00	0.00	0.00	0.00	0.00	∞
Response Time	E.2.7	0.17	R	1.73	0.00	0.00	0.00	0.00	∞
Integration Time	E.2.8	1.43	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions- Noise	E.6.1	3.51	R	1.73	0.00	0.00	0.00	0.00	∞
RF ambient conditions- reflections	E.6.1	3.15	R	1.73	0.00	0.00	0.00	0.00	∞
Probe positioner mechanical tolerance	E.6.2	1.2	R	1.73	1.00	1.00	0.69	0.69	∞
Probe positioning with respect to phantom shell	E.6.3	1.4	R	1.73	1.00	1.00	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	3.9	R	1.73	0.00	0.00	0.00	0.00	∞
System check source (dipole)									
Deviation of experimental dipoles	E.6.4	4.8	N	1.00	1.00	1.00	4.80	4.80	∞
Input power and SAR drift measurement	8,6.6.4	5.1	R	1.73	1.00	1.00	2.94	2.94	∞
Dipole axis to liquid distance	8,E.6.6	2.4	R	1.73	1.00	1.00	1.39	1.39	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	3.7	R	1.73	1.00	1.00	2.14	2.14	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.9	N	1.00	1.00	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	2.4	R	1.73	0.78	0.71	1.08	0.98	∞
Liquid permittivity measurement	E.3.3	4.1	N	1.00	0.78	0.71	3.20	2.91	M
Liquid conductivity— temperature uncertainty	E.3.4	2.7	R	1.73	0.23	0.26	0.36	0.41	∞
Liquid permittivity— temperature uncertainty	E.3.4	4.8	N	1.00	0.23	0.26	1.10	1.25	M
Combined Standard Uncertainty			RSS				7.48	7.30	
Expanded Uncertainty (95% Confidence interval)			K=2				14.96	14.60	

11. CONDUCTED POWER MEASUREMENT

11.1 Test Result

Burst Average Power (dBm)

Band	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880.0	1909.8
GSM(GMSK, 1-Slot)	32.96	33	32.96	30.13	30.19	30.17
GPRS (GMSK, 1-Slot)	32.94	32.98	32.92	30.10	30.15	30.13
GPRS (GMSK, 2-Slot)	31.01	31.05	31.01	28.04	27.96	27.74
GPRS (GMSK, 3-Slot)	29.10	29.17	29.14	26.50	26.43	26.25
GPRS (GMSK, 4-Slot)	27.03	27.13	27.12	24.57	24.56	24.41
EGPRS(8PSK, 1-Slot)	26.31	26.14	25.91	25.88	26.49	26.14
EGPRS(8PSK, 2-Slot)	25.23	25.33	25.14	26.98	26.51	25.69
EGPRS(8PSK, 3-Slot)	23.08	23.11	23.12	22.73	22.58	22.13
EGPRS(8PSK, 4-Slot)	20.44	21.08	20.44	21.54	20.77	19.86
Remark: GPRS, CS4 coding scheme. EGPRS, MCS5 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link						

Frame- Average Power(dBm)						
Band	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880.0	1909.8
GSM(GMSK, 1-Slot)	23.93	23.97	23.93	21.10	21.16	21.14
GPRS (GMSK, 1-Slot)	23.91	23.95	23.89	21.07	21.12	21.10
GPRS (GMSK, 2-Slot)	24.99	25.03	24.99	22.02	21.94	21.72
GPRS (GMSK, 3-Slot)	24.84	24.91	24.88	22.24	22.17	21.99
GPRS (GMSK, 4-Slot)	24.02	24.12	24.11	21.56	21.55	21.40
EGPRS(8PSK, 1-Slot)	17.28	17.11	16.88	16.85	17.46	17.11
EGPRS(8PSK, 2-Slot)	19.21	19.31	19.12	20.96	20.49	19.67
EGPRS(8PSK, 3-Slot)	18.82	18.85	18.86	18.47	18.32	17.87
EGPRS(8PSK, 4-Slot)	17.43	18.07	17.43	18.53	17.76	16.85
Remark : 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB						

WCDMA

Band	WCDMA Band 2			WCDMA Band 4			WCDMA Band 5		
Channel	9262	9400	9538	1312	1413	1513	4132	4183	4233
Frequency (MHz)	1852.4	1880	1907.6	1712.6	1740	1752.4	826.4	836.6	846.6
RMC 12.2Kbps	22.90	23.05	22.92	22.73	22.80	22.70	22.72	22.66	22.68
HSDPA Subtest-1	19.17	22.52	22.86	22.73	23.41	22.91	22.69	22.54	22.77
HSDPA Subtest-2	23.02	22.60	22.87	22.54	23.14	22.70	22.47	22.25	22.45
HSDPA Subtest-3	22.82	22.31	22.74	22.22	22.72	22.56	22.02	21.85	22.19
HSDPA Subtest-4	23.01	22.61	22.87	22.24	22.67	22.31	21.83	21.71	22.09
HSUPA Subtest-1	22.88	22.62	22.70	22.62	23.19	22.89	22.59	22.29	22.69
HSUPA Subtest-2	22.91	22.60	22.81	22.82	23.39	22.92	22.70	22.48	22.74
HSUPA Subtest-3	22.57	22.20	22.52	22.39	23.04	22.75	22.37	22.10	22.61
HSUPA Subtest-4	22.94	22.56	22.82	22.79	23.46	22.89	22.68	22.43	22.69
HSUPA Subtest-5	22.75	22.48	22.53	22.50	23.12	22.52	22.47	22.39	22.54

According to 3GPP 25.101 sub-clause 6.2.2, the maximum output power is allowed to be reduced by following the table.

Table 6.1A: UE maximum output power with HS-DPCCH and E-DCH

UE Transmit Channel Configuration	CM(db)	MPR(db)
For all combinations of ,DPDCH,DPCCH HS-DPDCH,E-DPDCH and E-DPCCH	$0 \leq CM \leq 3.5$	$MAX(CM-1,0)$
Note: CM=1 for $\beta_c/\beta_d=12/15$, $\beta_{hs}/\beta_c=24/15$. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.		

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done .However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.

2.4G WLAN

2.4GWIFI				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
802.11b	1	2412	18.39	69.02
	7	2437	16.81	47.97
	11	2462	14.34	27.16
802.11g	1	2412	18.78	75.51
	7	2437	17.55	56.89
	11	2462	15.02	31.77
802.11 n-HT20	1	2412	18.36	68.55
	7	2437	16.75	47.32
	11	2462	14.4	27.54
802.11 n-HT40	3	2422	16.49	44.57
	6	2437	16.46	44.26
	9	2452	13.44	22.08

Bluetooth

BT				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	-0.2	0.95
	39	2441	1.2	1.32
	78	2480	1.21	1.32
$\pi/4$ -QPSK(2Mbps)	0	2402	-2.77	0.53
	39	2441	0.87	1.22
	78	2480	0.29	1.07
8DPSK(3Mbps)	0	2402	-3.01	0.50
	39	2441	0.52	1.13
	78	2480	0.2	1.05

BLE

BLE				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	7.65	5.82
	19	2440	9.26	8.43
	39	2480	9.22	8.36
GFSK(2Mbps)	0	2402	4.92	3.10
	19	2440	6.57	4.54
	39	2480	6.37	4.34

WLAN (5.2Gband)

5.2G WLAN				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
802.11a	36	5180	8.54	7.14
	40	5200	8.65	7.33
	48	5240	8.57	7.19
802.11 n-HT20	36	5180	8.68	7.38
	40	5200	8.78	7.55
	48	5240	8.67	7.36
802.11 n-HT40	38	5190	7.8	6.03
	46	5230	7.64	5.81
802.11ac-VHT20	36	5180	8.87	7.71
	40	5200	8.86	7.69
	48	5240	8.66	7.35
802.11ac-VHT40	38	5190	7.71	5.90
	46	5230	7.86	6.11
802.11ac-VHT80	42	5210	7.51	5.64

WLAN (5.8Gband)

5.8G WLAN				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
802.11a	149	5745	8.14	6.52
	157	5785	8.53	7.13
	165	5825	9.17	8.26
802.11 n-HT20	149	5745	8.21	6.62
	157	5785	8.85	7.67
	165	5825	9.45	8.81
802.11 n-HT40	151	5755	7.33	5.41
	159	5795	8.05	6.38
802.11ac-VHT20	149	5745	8.16	6.55
	157	5785	8.87	7.71
	165	5825	9.56	9.04
802.11ac-VHT40	151	5755	7.42	5.52
	159	5795	8.09	6.44
802.11ac-VHT80	155	5775	7.37	5.46

LTE Conducted Power

General Note:

ROHDE & SCHWARZ CMW500 base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.17	22.98	23.24
1.4	1	2		23.15	23.07	23.26
1.4	1	5		23.17	23.09	23.21
1.4	3	0		22.95	23.08	22.89
1.4	3	1		22.9	23.14	22.96
1.4	3	2		22.9	23.09	22.97
1.4	6	0		21.92	22.1	21.99
1.4	1	0	16-QAM	22.48	22.55	22.87
1.4	1	2		22.6	22.56	22.9
1.4	1	5		22.58	22.64	22.81
1.4	3	0		22.09	22.07	22.26
1.4	3	1		22.21	22.12	22.22
1.4	3	2		22.05	22.13	22.27
1.4	6	0		21.32	21.25	21.28
3	1	0	QPSK	23.02	23	23.12
3	1	7		23.05	22.97	23.17
3	1	14		22.99	22.99	23.26
3	8	0		21.94	22.08	21.96
3	8	4		21.86	22.15	22.05
3	8	7		21.9	22.15	22.02
3	15	0		22.01	22.11	21.99
3	1	0	16-QAM	22.2	22.53	22.83
3	1	7		22.13	22.54	22.91
3	1	14		22.26	22.69	22.86
3	8	0		21.23	21.05	20.92
3	8	4		21.31	21.05	20.96
3	8	7		21.3	21.14	21.01
3	15	0		21.4	21.07	20.99

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.96	23.14	22.78
5	1	12		22.93	23.08	22.78
5	1	24		22.87	23.11	22.92
5	12	0		21.89	21.99	22.01
5	12	6		21.91	22	21.98
5	12	11		21.89	22.07	22.07
5	25	0		21.86	22.02	22
5	1	0	16-QAM	22.89	22.86	22.02
5	1	12		22.78	22.82	22.04
5	1	24		22.83	22.82	22.12
5	12	0		21.35	21.08	20.9
5	12	6		21.32	21.17	20.97
5	12	11		21.3	21.19	21.11
5	25	0		21.49	21.05	20.88
10	1	0	QPSK	23.23	22.99	23.15
10	1	24		23.19	23.09	23.05
10	1	49		23.18	22.99	23.15
10	25	0		21.95	22.06	21.98
10	25	12		21.89	22.05	21.99
10	25	24		21.98	22.11	21.94
10	50	0		21.94	22.01	22.04
10	1	0	16-QAM	22.13	23.05	22.66
10	1	24		22.16	23.08	22.55
10	1	49		22.06	23.08	22.67
10	25	0		21.48	21.71	21.1
10	25	12		21.5	21.27	21.58
10	25	24		21.48	21.72	21.05
10	50	0		21.46	21.18	21.45

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.16	22.96	23.04
15	1	37		23.17	22.89	23.04
15	1	74		23.16	22.99	23.12
15	36	0		21.95	22.06	22.04
15	36	18		21.92	22.1	21.94
15	36	39		22.02	22.09	21.98
15	75	0		21.9	22.02	22.03
15	1	0	16-QAM	22.19	23.17	22.38
15	1	38		22.14	23.11	22.3
15	1	75		22.2	23.1	22.38
15	36	0		21.41	21.59	20.97
15	36	18		21.46	21.05	21.06
15	36	39		21.05	21.56	20.93
15	75	0		21.48	21.17	21.16
20	1	0	QPSK	23.01	23.22	22.99
20	1	49		23.01	23.22	23.03
20	1	99		23.1	23.32	23.04
20	50	0		21.85	22.06	22.03
20	50	24		21.79	21.98	22.06
20	50	49		21.95	22.13	21.91
20	100	0		21.85	22.11	22.06
20	1	0	16-QAM	22.59	22.78	22.45
20	1	49		22.53	22.75	22.46
20	1	99		22.6	22.82	22.56
20	50	0		21.51	21.17	21.12
20	50	24		21.41	21.18	21.13
20	50	49		21.56	21.16	21.6
20	100	0		21.44	21.14	21.12

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.54	22.24	22.23
1.4	1	2		22.47	22.2	22.19
1.4	1	5		22.54	22.23	22.13
1.4	3	0		22.27	22.26	22.2
1.4	3	1		22.22	22.23	22.22
1.4	3	2		22.25	22.25	22.15
1.4	6	0		21.2	21.11	21.15
1.4	1	0	16-QAM	21.79	22.42	22.08
1.4	1	2		21.9	22.4	22.01
1.4	1	5		21.83	22.36	21.98
1.4	3	0		21.41	21.27	21.2
1.4	3	1		21.42	21.22	21.13
1.4	3	2		21.39	21.26	21.16
1.4	6	0		20.4	20.34	20.2
3	1	0	QPSK	22.38	22.22	22.2
3	1	7		22.4	22.17	22.21
3	1	14		22.33	22.23	22.16
3	8	0		21.28	21.26	21.11
3	8	4		21.21	21.21	21.23
3	8	7		21.18	21.13	21.08
3	15	0		21.19	21.12	21.19
3	1	0	16-QAM	21.48	22.37	22.1
3	1	7		21.45	22.37	22.1
3	1	14		21.42	22.34	22.1
3	8	0		20.43	20.4	20.17
3	8	4		20.41	20.21	20.15
3	8	7		20.63	20.23	20.18
3	15	0		20.55	20.3	20.32

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.29	22.45	22.05
5	1	12		22.2	22.42	22.1
5	1	24		22.23	22.45	22.09
5	12	0		21.27	21.26	21.21
5	12	6		21.22	21.17	21.15
5	12	11		21.22	21.18	21.31
5	25	0		21.2	21.18	21.09
5	1	0	16-QAM	22.1	22	21.15
5	1	12		22.11	21.95	21.24
5	1	24		22.08	21.97	21.25
5	12	0		20.43	20.39	20.2
5	12	6		20.6	20.26	20.24
5	12	11		20.55	20.29	20.25
5	25	0		20.76	20.22	20.03
10	1	0	QPSK	22.52	22.29	22.33
10	1	24		22.44	22.22	22.29
10	1	49		22.53	22.3	22.3
10	25	0		21.16	21.3	21.12
10	25	12		21.18	21.18	21.18
10	25	24		21.29	21.28	21.11
10	50	0		21.14	21.15	21.22
10	1	0	16-QAM	21.44	22.21	21.94
10	1	24		21.44	22.2	22.06
10	1	49		21.45	22.25	22.06
10	25	0		20.76	20.44	20.19
10	25	12		20.27	20.45	20.29
10	25	24		20.79	20.41	20.3
10	50	0		20.29	20.34	20.29

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.99	22.77	22.68
15	1	37		22.98	22.76	22.7
15	1	74		23.06	22.81	22.6
15	36	0		21.13	21.31	21.09
15	36	18		21.31	21.25	21.28
15	36	39		21.29	21.29	21.21
15	75	0		21.25	21.18	21.25
15	1	0	16-QAM	21.47	22.26	21.47
15	1	38		21.44	22.16	21.66
15	1	75		21.49	22.21	22.1
15	36	0		20.22	20.4	20.23
15	36	18		20.7	20.24	20.22
15	36	39		20.32	20.35	20.27
15	75	0		20.69	20.26	20.23
20	1	0	QPSK	22.88	22.88	22.68
20	1	49		22.89	22.92	22.64
20	1	99		23	22.89	22.78
20	50	0		21.24	21.28	21.26
20	50	24		21.23	21.3	21.16
20	50	49		21.3	21.24	21.22
20	100	0		21.21	21.25	21.21
20	1	0	16-QAM	22.01	22.24	21.42
20	1	49		21.93	22.08	21.36
20	1	99		22.03	22.16	21.53
20	50	0		20.37	20.36	20.22
20	50	24		20.83	20.27	20.2
20	50	49		20.84	20.32	20.27
20	100	0		20.79	20.17	20.16

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.57	23.14	23.47
1.4	1	2		23.57	23.1	23.4
1.4	1	5		23.52	23.06	23.39
1.4	3	0		23.43	23.21	23.31
1.4	3	1		23.47	23.27	23.32
1.4	3	2		23.39	23.21	23.32
1.4	6	0		22.34	22.17	22.18
1.4	1	0	16-QAM	23.07	23.37	23.05
1.4	1	2		23.1	23.4	22.96
1.4	1	5		23.17	23.4	23.01
1.4	3	0		22.31	22.25	22.29
1.4	3	1		22.3	22.23	22.28
1.4	3	2		22.37	22.27	22.23
1.4	6	0		21.23	21.86	21.2
3	1	0	QPSK	23.46	23.13	23.54
3	1	7		23.46	23.11	23.56
3	1	14		23.46	23.12	23.49
3	8	0		22.24	22.25	22.16
3	8	4		22.26	22.28	22.14
3	8	7		22.21	22.24	22.12
3	15	0		22.23	22.24	22.36
3	1	0	16-QAM	22.53	23.39	23.15
3	1	7		22.63	23.35	23.06
3	1	14		22.53	23.31	23.03
3	8	0		21.12	21.11	21.18
3	8	4		21.09	21.61	21.06
3	8	7		21.11	21.62	21.01
3	15	0		21.27	21.69	21.23

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.32	23.3	23.1
5	1	12		23.22	23.3	23.09
5	1	24		23.26	23.38	23.06
5	12	0		22.26	22.19	22.23
5	12	6		22.21	22.3	22.28
5	12	11		22.2	22.18	22.25
5	25	0		22.33	22.19	22.39
5	1	0	16-QAM	23.15	22.88	22.27
5	1	12		23.08	22.84	22.27
5	1	24		23.18	22.9	22.25
5	12	0		21.06	21.16	21.22
5	12	6		21.14	21.69	21.18
5	12	11		21.03	21.7	21.15
5	25	0		21.23	21.6	21.08
10	1	0	QPSK	23.63	23.31	23.4
10	1	24		23.55	23.07	23.39
10	1	49		23.54	23.13	23.45
10	25	0		22.37	22.33	22.15
10	25	12		22.25	22.26	22.17
10	25	24		22.37	22.21	22.32
10	50	0		22.27	22.2	22.25
10	1	0	16-QAM	22.56	23.28	23.18
10	1	24		22.51	23.15	23.06
10	1	49		22.42	23.21	23.13
10	25	0		21.28	21.29	21.71
10	25	12		21.27	21.85	21.3
10	25	24		21.32	21.36	21.3
10	50	0		21.25	21.72	21.21

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.84	23.42	22.98
5	1	12		22.82	23.4	22.98
5	1	24		22.87	23.47	23.02
5	12	0		21.95	22.39	22.25
5	12	6		21.93	22.35	22.1
5	12	11		21.97	22.36	22.07
5	25	0		21.99	22.38	22.14
5	1	0	16-QAM	22.36	22.9	22.23
5	1	12		22.3	22.87	22.28
5	1	24		22.34	22.9	22.27
5	12	0		21.04	21.44	21.21
5	12	6		21.02	21.44	21.2
5	12	11		20.98	21.53	21.27
5	25	0		21.17	21.47	21.06
10	1	0	QPSK	23.25	23.22	23.28
10	1	24		23.19	23.31	23.31
10	1	49		23.21	23.26	23.29
10	25	0		22.03	22.48	22.2
10	25	12		21.9	22.35	22.23
10	25	24		22.03	22.38	22.16
10	50	0		22.09	22.39	22.11
10	1	0	16-QAM	22.42	23.37	22.87
10	1	24		22.4	23.44	22.86
10	1	49		22.34	23.43	22.95
10	25	0		21.09	21.6	21.32
10	25	12		21.13	21.62	21.32
10	25	24		21.14	21.52	21.33
10	50	0		21.08	21.55	21.23

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.2	23.19	23.16
15	1	37		23.11	23.16	23.13
15	1	74		23.14	23.23	23.13
15	36	0		21.92	22.29	22.13
15	36	18		21.85	22.45	22.07
15	36	39		21.95	22.33	22.23
15	75	0		21.85	22.37	22.25
15	1	0	16-QAM	22.34	23.42	22.45
15	1	37		22.3	23.47	22.47
15	1	74		22.33	23.48	22.42
15	36	0		21.06	21.42	21.21
15	36	18		21.04	21.44	21.2
15	36	39		21.11	21.46	21.22
15	75	0		21.12	21.49	21.3
20	1	0	QPSK	23.05	23.38	23.09
20	1	49		22.93	23.42	23.12
20	1	99		23	23.44	23.18
20	50	0		21.86	22.42	22.17
20	50	24		21.87	22.42	22.2
20	50	49		22.01	22.26	22.2
20	100	0		22.02	22.32	22.17
20	1	0	16-QAM	22.44	23.47	22.82
20	1	49		22.42	23.5	22.82
20	1	99		22.67	23.58	22.88
20	50	0		21.15	21.52	21.3
20	50	24		21.18	21.53	21.33
20	50	49		21.31	21.51	21.35
20	100	0		21.07	21.46	21.29

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.72	23.43	23.85
1.4	1	2		23.65	23.47	23.83
1.4	1	5		23.62	23.43	23.79
1.4	3	0		23.62	23.54	23.63
1.4	3	1		23.39	23.59	23.6
1.4	3	2		23.57	23.56	23.56
1.4	6	0		22.59	22.47	22.56
1.4	1	0	16-QAM	23.23	23.65	23.84
1.4	1	2		23.33	23.64	23.35
1.4	1	5		23.27	23.69	23.34
1.4	3	0		22.71	22.36	23.12
1.4	3	1		22.71	22.38	22.69
1.4	3	2		22.71	22.31	22.65
1.4	6	0		21.53	22.04	22.05
3	1	0	QPSK	23.7	23.38	23.82
3	1	7		23.58	23.48	23.79
3	1	14		23.7	23.39	23.76
3	8	0		22.52	22.73	23.04
3	8	4		22.68	22.64	22.98
3	8	7		22.92	22.61	22.59
3	15	0		22.56	22.52	23
3	1	0	16-QAM	22.66	23.68	23.85
3	1	7		22.61	23.74	23.85
3	1	14		23.13	23.65	23.34
3	8	0		21.52	22	22.04
3	8	4		21.3	22.06	22.2
3	8	7		21.85	22.03	22.18
3	15	0		21.53	22.03	22.11

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.47	23.64	23.47
5	1	12		23.52	23.59	23.45
5	1	24		23.52	23.68	23.48
5	12	0		22.61	22.47	22.99
5	12	6		23.01	22.46	22.99
5	12	11		22.98	22.48	23.02
5	25	0		23.05	22.52	23.11
5	1	0	16-QAM	23.36	22.93	22.97
5	1	12		23.85	22.88	23.04
5	1	24		23.86	23.51	22.56
5	12	0		21.27	22.06	22.01
5	12	6		21.88	22.15	22.06
5	12	11		21.84	22.07	22.04
5	25	0		22.12	22.04	21.92
10	1	0	QPSK	23.85	23.41	23.71
10	1	24		23.86	23.48	23.65
10	1	49		23.87	23.51	23.77
10	25	0		23	22.47	22.56
10	25	12		23.07	22.43	22.93
10	25	24		22.48	22.99	23.06
10	50	0		23.11	22.55	22.99
10	1	0	16-QAM	22.74	23.95	23.21
10	1	24		23.16	23.58	23.66
10	1	49		22.75	24.06	23.2
10	25	0		22.1	22.14	22.08
10	25	12		22.04	22.12	22.08
10	25	24		22.07	22.18	22.12
10	50	0		22	22.21	21.97

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.39	23.59	23.41
5	1	12		23.44	23.69	23.53
5	1	24		23.41	23.62	23.51
5	12	0		22.49	22.48	23.06
5	12	6		22.53	23.08	23.07
5	12	11		22.49	23.01	23.11
5	25	0		22.57	22.98	23.02
5	1	0	16-QAM	23.47	22.91	23
5	1	12		22.92	23.43	23.01
5	1	24		22.89	23.43	22.64
5	12	0		22.02	22.1	22.05
5	12	6		21.99	22.07	22.08
5	12	11		21.98	22.19	22.09
5	25	0		22.17	22.01	22
10	1	0	QPSK	23.85	23.39	23.68
10	1	24		23.83	23.44	23.7
10	1	49		24.04	23.54	23.7
10	25	0		22.5	22.61	22.58
10	25	12		22.55	22.98	22.99
10	25	24		23.12	22.99	23.16
10	50	0		22.45	23.09	23.05
10	1	0	16-QAM	23.24	23.59	23.28
10	1	24		22.8	24.06	23.72
10	1	49		23.33	24.06	23.26
10	25	0		22.07	22.14	22.11
10	25	12		22.06	22.15	22.05
10	25	24		22.05	22.23	22.13
10	50	0		22.05	22.18	22.04

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.14	23.06	23.07
1.4	1	2		23.2	23.03	23.09
1.4	1	5		23.17	23.06	23.16
1.4	3	0		22.86	23.2	22.88
1.4	3	1		22.94	23.15	22.9
1.4	3	2		22.91	23.11	22.89
1.4	6	0		21.83	22.07	21.99
1.4	1	0	16-QAM	22.54	22.49	22.72
1.4	1	2		22.57	22.6	22.84
1.4	1	5		22.55	22.56	22.71
1.4	3	0		22.01	22.1	22.01
1.4	3	1		22.11	22.23	22.09
1.4	3	2		22.05	22.17	22.08
1.4	6	0		20.88	21.26	21
3	1	0	QPSK	23.06	23.04	23.11
3	1	7		23.07	23.07	23.08
3	1	14		23.02	23.04	23.14
3	8	0		21.94	22.17	21.94
3	8	4		21.9	22.08	21.95
3	8	7		21.88	22.1	21.93
3	15	0		21.89	22.05	21.87
3	1	0	16-QAM	22.17	22.5	22.76
3	1	7		22.13	22.65	22.77
3	1	14		22.08	22.6	22.74
3	8	0		21.12	21.42	20.9
3	8	4		21.16	21.1	20.94
3	8	7		21.04	21.1	20.95
3	15	0		20.86	21.13	20.99

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.88	23.16	22.78
5	1	12		22.86	23.16	22.79
5	1	24		22.92	23.15	22.83
5	12	0		21.93	22.01	21.91
5	12	6		21.83	22.09	21.96
5	12	11		21.81	22.05	21.95
5	25	0		21.91	22.14	21.86
5	1	0	16-QAM	22.84	22.78	22.01
5	1	12		22.81	22.81	22.04
5	1	24		22.87	22.78	22.08
5	12	0		20.79	21.53	21.37
5	12	6		20.81	21.14	20.98
5	12	11		20.78	21.14	21.04
5	25	0		20.97	21.19	20.8
10	1	0	QPSK	23.2	22.88	23.09
10	1	24		23.22	22.91	23.08
10	1	49		23.11	22.83	23.11
10	25	0		21.87	22.04	21.98
10	25	12		21.94	22.14	21.99
10	25	24		21.91	22.11	21.91
10	50	0		22	22.1	21.96
10	1	0	16-QAM	22.18	23.14	22.55
10	1	24		22.14	23.19	22.62
10	1	49		22.1	23.05	22.6
10	25	0		20.99	21.65	21.46
10	25	12		21.02	21.21	21.12
10	25	24		21.03	21.62	21.07
10	50	0		21.03	21.24	21.04

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.22	22.86	23.05
15	1	37		23.24	22.92	23
15	1	74		23.22	22.85	23.09
15	36	0		21.99	22.1	21.96
15	36	18		21.99	22.01	21.98
15	36	39		21.93	22.05	21.95
15	75	0		21.99	21.98	22
15	1	0	16-QAM	22.17	23.06	22.36
15	1	38		22.13	23.16	22.32
15	1	75		22.17	23.14	22.34
15	36	0		20.99	21.06	20.97
15	36	18		21.01	21.07	21.47
15	36	39		21.03	21.49	21.4
15	75	0		21.01	21.13	21.52
20	1	0	QPSK	23.02	23.26	23.17
20	1	49		23.02	23.29	23.23
20	1	99		23.06	23.27	23.24
20	50	0		21.98	22.09	22.05
20	50	24		21.94	22.15	22.08
20	50	49		21.88	21.96	22.02
20	100	0		21.92	22.05	22.05
20	1	0	16-QAM	22.77	22.7	23.1
20	1	49		22.61	22.67	23.16
20	1	99		22.75	22.6	23.17
20	50	0		21.08	21.32	21.48
20	50	24		21.55	21.22	21.17
20	50	49		21.12	21.59	21.23
20	100	0		21.48	21.13	21.12

LTE Band 26 A(Part90 814-824)Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.31	23.09	23.61
1.4	1	2		23.34	23.13	23.66
1.4	1	5		23.27	23.13	23.6
1.4	3	0		22.71	22.9	22.96
1.4	3	1		22.72	22.86	22.76
1.4	3	2		22.75	22.89	22.69
1.4	6	0		21.7	21.87	21.84
1.4	1	0	16-QAM	22.94	23.66	23.14
1.4	1	2		22.92	23.67	23.19
1.4	1	5		22.92	23.68	23.21
1.4	3	0		21.8	21.76	21.85
1.4	3	1		21.68	21.81	21.85
1.4	3	2		21.71	21.77	21.82
1.4	6	0		21.16	21.32	21.43
3	1	0	QPSK	23.41	23.05	23.65
3	1	7		23.35	23.11	23.64
3	1	14		23.36	23.13	23.55
3	8	0		21.7	21.87	21.79
3	8	4		21.75	21.96	21.8
3	8	7		21.81	21.99	21.72
3	15	0		21.82	21.93	21.78
3	1	0	16-QAM	22.29	23.61	23.19
3	1	7		22.5	23.67	23.19
3	1	14		22.36	23.66	23.17
3	8	0		21.08	21.27	21.38
3	8	4		21.05	21.22	21.11
3	8	7		21.11	21.25	21.31
3	15	0		21.26	21.38	21.33

LTE Band 26 A(Part90 814-824)Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.17	23.33	23.27
5	1	12		23.15	23.34	23.19
5	1	24		23.24	23.43	23.24
5	12	0		21.7	21.69	21.82
5	12	6		21.69	21.97	21.86
5	12	11		21.74	21.84	21.9
5	25	0		21.67	21.83	21.85
5	1	0	16-QAM	22.62	22.93	22.28
5	1	12		22.68	22.95	22.33
5	1	24		22.68	23.03	22.41
5	12	0		21.17	21.2	21.37
5	12	6		21.2	21.29	21.31
5	12	11		21.18	21.38	21.29
5	25	0		21.32	21.15	21.23
10	1	0	QPSK	/	23.54	/
10	1	24		/	23.61	/
10	1	49		/	23.64	/
10	25	0		/	22.18	/
10	25	12		/	22.36	/
10	25	24		/	22.41	/
10	50	0		/	22.3	/
10	1	0	16-QAM	/	22.46	/
10	1	24		/	22.49	/
10	1	49		/	22.5	/
10	25	0		/	21.73	/
10	25	12		/	21.79	/
10	25	24		/	21.81	/
10	50	0		/	21.86	/

LTE Band 26 B(Part22 824-849)Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.68	23.23	23.48
1.4	1	2		23.64	23.27	23.57
1.4	1	5		23.6	23.22	23.52
1.4	3	0		22.99	22.84	22.84
1.4	3	1		22.96	22.83	22.86
1.4	3	2		22.88	22.77	22.84
1.4	6	0		21.93	21.83	21.78
1.4	1	0	16-QAM	23.21	23.87	23.03
1.4	1	2		23.19	23.41	23.01
1.4	1	5		23.2	23.48	23.04
1.4	3	0		21.94	21.74	21.85
1.4	3	1		21.84	21.71	21.9
1.4	3	2		21.9	21.68	21.89
1.4	6	0		20.66	21.35	21.37
3	1	0	QPSK	23.61	23.26	23.47
3	1	7		23.62	23.27	23.5
3	1	14		23.53	23.27	23.59
3	8	0		21.86	22.3	21.64
3	8	4		21.91	21.88	21.55
3	8	7		21.82	21.83	21.67
3	15	0		22.02	21.84	21.78
3	1	0	16-QAM	22.54	23.89	23.17
3	1	7		22.66	23.52	23.16
3	1	14		22.71	23.46	23.2
3	8	0		20.68	21.27	20.68
3	8	4		20.66	21.31	20.66
3	8	7		21.33	21.26	21.18
3	15	0		20.89	21.36	20.74

LTE Band 26 B(Part22 824-849)Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.47	23.4	23.27
5	1	12		23.35	23.35	23.16
5	1	24		23.3	23.37	23.22
5	12	0		21.9	22.35	21.86
5	12	6		21.86	21.88	21.81
5	12	11		21.75	21.75	21.83
5	25	0		21.84	21.78	21.8
5	1	0	16-QAM	23.23	23.4	22.26
5	1	12		23.23	22.99	22.27
5	1	24		23.17	22.98	22.4
5	12	0		20.68	21.34	21.26
5	12	6		21.26	21.4	20.7
5	12	11		21.19	21.37	20.79
5	25	0		21.47	21.28	20.62
10	1	0	QPSK	23.72	23.34	23.41
10	1	24		23.58	23.19	23.41
10	1	49		23.63	23.24	23.46
10	25	0		22.25	22.69	22.28
10	25	12		22.28	22.4	22.3
10	25	24		22.34	22.22	22.3
10	50	0		22.29	22.42	22.13
10	1	0	16-QAM	22.65	23.36	22.85
10	1	24		22.46	23.29	22.8
10	1	49		22.53	23.36	22.89
10	25	0		21.9	21.89	21.78
10	25	12		21.87	21.99	21.84
10	25	24		21.9	21.94	21.41
10	50	0		21.83	21.86	21.79

LTE Band 26 B(Part22 824-849)Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.66	23.32	23.36
15	1	37		23.67	23.19	23.33
15	1	74		23.6	23.22	23.47
15	36	0		22.35	22.36	22.3
15	36	18		22.44	22.34	22.27
15	36	39		22.73	22.23	22.25
15	75	0		22.38	22.29	22.24
15	1	0	16-QAM	22.66	23.33	23.04
15	1	38		22.58	23.24	22.55
15	1	75		22.47	23.25	23.04
15	36	0		21.85	21.76	21.83
15	36	18		21.82	21.82	21.81
15	36	39		21.78	21.76	21.82
15	75	0		21.89	21.78	21.76

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.57	22.13	22.61
1.4	1	2		22.59	22.21	22.56
1.4	1	5		22.6	22.22	22.46
1.4	3	0		22.29	22.29	22.32
1.4	3	1		22.35	22.27	22.25
1.4	3	2		22.27	22.33	22.25
1.4	6	0		21.34	21.23	21.31
1.4	1	0	16-QAM	21.91	22.24	22.18
1.4	1	2		21.87	22.22	22.2
1.4	1	5		21.94	22.24	22.17
1.4	3	0		21.49	21.41	21.43
1.4	3	1		21.53	21.37	21.46
1.4	3	2		21.46	21.35	21.45
1.4	6	0		20.7	20.16	20.72
3	1	0	QPSK	22.49	22.27	22.51
3	1	7		22.5	22.22	22.55
3	1	14		22.48	22.27	22.57
3	8	0		21.27	21.19	21.3
3	8	4		21.32	21.17	21.33
3	8	7		21.28	21.27	21.25
3	15	0		21.29	21.24	21.33
3	1	0	16-QAM	21.58	22.36	22.21
3	1	7		21.57	22.25	22.18
3	1	14		21.63	22.35	22.21
3	8	0		20.72	20.19	20.67
3	8	4		20.65	20.16	20.71
3	8	7		20.75	20.2	20.69
3	15	0		20.77	20.18	20.68

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.4	22.54	22.21
5	1	12		22.31	22.45	22.23
5	1	24		22.32	22.5	22.23
5	12	0		21.26	21.36	21.36
5	12	6		21.32	21.27	21.36
5	12	11		21.32	21.32	21.33
5	25	0		21.3	21.29	21.37
5	1	0	16-QAM	22.16	22.05	21.76
5	1	12		22.21	22	21.36
5	1	24		22.26	22.03	21.38
5	12	0		20.7	20.38	20.72
5	12	6		20.65	20.26	20.69
5	12	11		20.69	20.67	20.76
5	25	0		20.92	20.21	20.6
10	1	0	QPSK	22.61	22.19	22.52
10	1	24		22.64	22.16	22.53
10	1	49		22.71	22.12	22.57
10	25	0		21.34	21.3	21.39
10	25	12		21.43	21.21	21.57
10	25	24		21.48	21.25	21.34
10	50	0		21.32	21.35	21.67
10	1	0	16-QAM	21.57	22.66	22.56
10	1	24		21.66	22.62	22.58
10	1	49		21.65	22.71	22.3
10	25	0		20.87	20.33	20.59
10	25	12		20.49	20.27	20.79
10	25	24		20.56	20.7	20.82
10	50	0		20.45	20.23	20.77

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.62	22.16	22.43
15	1	37		22.72	22.11	22.41
15	1	74		22.69	22.16	22.36
15	36	0		21.36	21.38	21.35
15	36	18		21.48	21.33	21.37
15	36	39		21.45	21.29	21.35
15	75	0		21.42	21.19	21.46
15	1	0	16-QAM	21.55	22.41	22.06
15	1	38		21.66	22.3	21.71
15	1	75		21.61	22.4	21.68
15	36	0		20.42	20.59	20.38
15	36	18		20.47	20.15	20.5
15	36	39		20.89	20.31	20.75
15	75	0		20.49	20.22	20.53
20	1	0	QPSK	22.41	22.45	22.37
20	1	49		22.53	22.47	22.37
20	1	99		22.57	22.47	22.35
20	50	0		21.4	21.32	21.69
20	50	24		21.54	21.32	21.37
20	50	49		21.36	21.26	21.61
20	100	0		21.42	21.2	21.37
20	1	0	16-QAM	22.14	22.24	21.76
20	1	49		22.19	22.08	21.81
20	1	99		22.21	22.21	21.83
20	50	0		20.54	20.73	20.93
20	50	24		20.95	20.24	20.44
20	50	49		20.92	20.39	20.86
20	100	0		20.88	20.18	20.42

12. EUT TEST SETUP PHOTO

The setup photos of EUT were shown in appendix C

13 SAR Result Summary

13.1. Operation Mode

1. Per KDB 447498 D01 v06 ,for each exposure position, if the highest 1-g SAR is ≤ 0.8 W/kg, testing for low and high channel is optional.
2. Per KDB 865664 D01 v01r04,for each frequency band, if the measured SAR is ≥ 0.8 W/kg, testing for repeated SAR measurement is required , that the highest measured SAR is only to be tested. When the SAR results are near the limit, the following procedures are required for each device to verify these types of SAR measurement related variation concerns by repeating the highest measured SAR configuration in each frequency band.
 - (1) When the original highest measured SAR is ≥ 0.8 W/kg, repeat that measurement once.
 - (2) 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 ≥ 1.45 W/kg.
 - (3) Perform a third repeated measurement only if the original, first and second repeated measurement is ≥ 1.5 W/kg and ratio of largest to smallest SAR for the original, first and second measurement is ≥ 1.20 .
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call mode is selected to be test.
4. Per KDB 648474 D04 v01r03,when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected is not required.
5. Per KDB 941225 D06 V02r01, When the same wireless mode transmission configurations for voice and data are required for SAR measurements, the more conservative configuration with a smaller separation distance should be tested for the overlapping SAR configurations.
6. Maximum Scaling SAR in order to calculate the Maximum SAR values to test under the standard Peak Power, Calculation method is as follows:
Maximum Scaling SAR =tested SAR (Max.) $\times$ [maximum Tune-up power (mW)/ maximum measurement output power(mW)]
7. Proximity sensor, just for avoiding the wrong operation in the phone screen when call, and has no influence on output power or SAR result
8. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation using the RB offset and required test channel combination with highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
9. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
10. Per KDB 941225 D05v02r05. For QPSK with 100% RB allocation. SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1RB allocation and the highest reported SAR is >1.45 W/kg, the remaining required test channels must also be tested.

11. Per KDB 941225 D05v02r05. 16QAM output power for each RB allocation configuration is not 1/2 dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is $\leq 1.45\text{W/kg}$, Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
12. Per KDB 941225 D05v02r05. Smaller bandwidth output power for each RB allocation configuration is >not 1/2 dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is $\leq 1.45\text{W/kg}$. Per KDB 941125 D05v02r05, smaller bandwidth SAR testing is not required.

13.2 Head SAR

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Tune-up Power(dBm)	Meas. Output Power(dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas.No.
GSM850	N/A	GSM(GMSK, 1-Slot)	N/A	N/A	Right Cheek	836.6	0.407	0.61	33.50	33.00	1.122	0.457	1
					Right Tilt	836.6	0.142	-2.85	33.50	33.00	1.122	0.159	/
					Left Cheek	836.6	0.313	3.58	33.50	33.00	1.122	0.351	/
					Left Tilt	836.6	0.157	2.86	33.50	33.00	1.122	0.176	/
GSM1900	N/A	GSM(GMSK, 1-Slot)	N/A	N/A	Right Cheek	1880	0.202	0.69	30.50	30.19	1.074	0.217	3
					Right Tilt	1880	0.065	-2.03	30.50	30.19	1.074	0.070	/
					Left Cheek	1880	0.160	-1.15	30.50	30.19	1.074	0.172	/
					Left Tilt	1880	0.070	-2.74	30.50	30.19	1.074	0.075	/
WCDMA Band II	N/A	RMC	N/A	N/A	Right Cheek	1880	0.434	0.34	23.50	23.05	1.109	0.481	5
					Right Tilt	1880	0.143	-3.37	23.50	23.05	1.109	0.159	/
					Left Cheek	1880	0.347	-1.28	23.50	23.05	1.109	0.385	/
					Left Tilt	1880	0.160	-0.68	23.50	23.05	1.109	0.177	/
WCDMA Band IV	N/A	RMC	N/A	N/A	Right Cheek	1740	0.186	-2.50	23.50	23.46	1.010	0.188	7
					Right Tilt	1740	0.080	-0.71	23.50	23.46	1.010	0.081	/
					Left Cheek	1740	0.154	-2.88	23.50	23.46	1.010	0.156	/
					Left Tilt	1740	0.068	-2.54	23.50	23.46	1.010	0.069	/
WCDMA Band V	N/A	RMC	N/A	N/A	Right Cheek	846.6	0.327	0.74	23.00	22.77	1.054	0.345	9
					Right Tilt	846.6	0.134	3.06	23.00	22.77	1.054	0.141	/
					Left Cheek	846.6	0.271	0.03	23.00	22.77	1.054	0.286	/
					Left Tilt	846.6	0.100	-1.05	23.00	22.77	1.054	0.105	/
LTE Band 2	20M	QPSK	1	99	Right Cheek	1880	0.379	-2.07	23.5	23.32	1.042	0.395	11
			50	49	Right Cheek	1880	0.334	1.42	22.5	22.13	1.089	0.364	/
			1	99	Right Tilt	1880	0.148	-3.79	23.5	23.32	1.042	0.154	/
			50	49	Right Tilt	1880	0.130	-0.16	22.5	22.13	1.089	0.142	/
			1	99	Left Cheek	1880	0.334	0.40	23.5	23.32	1.042	0.348	/
			50	49	Left Cheek	1880	0.294	3.69	22.5	22.13	1.089	0.320	/
			1	99	Left Tilt	1880	0.134	-0.10	23.5	23.32	1.042	0.140	/
			50	49	Left Tilt	1880	0.129	2.12	22.5	22.13	1.089	0.140	/
LTE Band 4	20M	QPSK	1	99	Right Cheek	1720	0.207	3.65	23.5	23	1.122	0.232	13
			50	49	Right Cheek	1720	0.166	3.49	21.5	21.3	1.047	0.174	/
			1	99	Right Tilt	1720	0.062	-2.07	23.5	23	1.122	0.070	/
			50	49	Right Tilt	1720	0.08	-3.49	21.5	21.3	1.047	0.084	/
			1	99	Left Cheek	1720	0.176	-1.51	23.5	23	1.122	0.197	/

			50	49	Left Cheek	1720	0.138	0.76	21.5	21.3	1.047	0.145	/
			1	99	Left Tilt	1720	0.077	-0.13	23.5	23	1.122	0.086	/
			50	49	Left Tilt	1720	0.068	-2.77	21.5	21.3	1.047	0.071	/
LTE Band 5	10M	QPSK	1	0	Right Cheek	829	0.396	-1.86	24	23.63	1.089	0.431	15
			25	0	Right Cheek	829	0.337	-1.21	22.5	22.37	1.030	0.347	/
			1	0	Right Tilt	829	0.147	-3.89	24	23.63	1.089	0.160	/
			25	0	Right Tilt	829	0.131	-3.63	22.5	22.37	1.030	0.135	/
			1	0	Left Cheek	829	0.325	1.50	24	23.63	1.089	0.354	/
			25	0	Left Cheek	829	0.293	1.57	22.5	22.37	1.030	0.302	/
			1	0	Left Tilt	829	0.117	-2.07	24	23.63	1.089	0.127	/
			25	0	Left Tilt	829	0.105	-2.81	22.5	22.37	1.030	0.108	/
LTE Band 7	20M	QPSK	1	99	Right Cheek	2535	0.436	-3.13	23.5	23.44	1.014	0.442	17
			50	0	Right Cheek	2535	0.358	-3.46	22.5	22.42	1.019	0.365	/
			1	99	Right Tilt	2535	0.179	1.28	23.5	23.44	1.014	0.181	/
			50	0	Right Tilt	2535	0.140	2.66	22.5	22.42	1.019	0.143	/
			1	99	Left Cheek	2535	0.349	3.25	23.5	23.44	1.014	0.354	/
			50	0	Left Cheek	2535	0.304	-3.71	22.5	22.42	1.019	0.310	/
			1	99	Left Tilt	2535	0.171	3.14	23.5	23.44	1.014	0.173	/
			50	0	Left Tilt	2535	0.094	0.16	22.5	22.42	1.019	0.096	/
LTE Band 12	10M	QPSK	1	49	Right Cheek	704	0.190	3.91	24	23.87	1.030	0.196	19
			25	12	Right Cheek	704	0.171	3.09	23.5	23.07	1.104	0.189	/
			1	49	Right Tilt	704	0.063	-4.00	24	23.87	1.030	0.065	/
			25	12	Right Tilt	704	0.084	-1.83	23.5	23.07	1.104	0.093	/
			1	49	Left Cheek	704	0.154	-1.26	24	23.87	1.030	0.159	/
			25	12	Left Cheek	704	0.152	-2.63	23.5	23.07	1.104	0.168	/
			1	49	Left Tilt	704	0.048	-0.68	24	23.87	1.030	0.049	/
			25	12	Left Tilt	704	0.067	0.94	23.5	23.07	1.104	0.074	/
LTE Band 17	10M	QPSK	1	49	Right Cheek	709	0.204	1.18	24.5	24.04	1.112	0.227	21
			25	24	Right Cheek	711	0.182	2.00	23.5	23.16	1.081	0.197	/
			1	49	Right Tilt	709	0.086	-2.11	24.5	24.04	1.112	0.096	/
			25	24	Right Tilt	711	0.075	1.46	23.5	23.16	1.081	0.081	/
			1	49	Left Cheek	709	0.167	-2.04	24.5	24.04	1.112	0.186	/
			25	24	Left Cheek	711	0.155	-3.40	23.5	23.16	1.081	0.168	/
			1	49	Left Tilt	709	0.068	3.05	24.5	24.04	1.112	0.076	/
			25	24	Left Tilt	711	0.068	-2.34	23.5	23.16	1.081	0.074	/
LTE Band 25	20M	QPSK	1	49	Right Cheek	1882.5	0.357	-0.89	23.5	23.29	1.050	0.375	23
			50	24	Right Cheek	1882.5	0.289	2.88	22.5	22.15	1.084	0.313	/

			1	49	Right Tilt	1882.5	0.132	-0.96	23.5	23.29	1.050	0.139	/
			50	24	Right Tilt	1882.5	0.130	-2.48	22.5	22.15	1.084	0.141	/
			1	49	Left Cheek	1882.5	0.289	1.69	23.5	23.29	1.050	0.303	/
			50	24	Left Cheek	1882.5	0.243	1.97	22.5	22.15	1.084	0.263	/
			1	49	Left Tilt	1882.5	0.127	-1.44	23.5	23.29	1.050	0.133	/
			50	24	Left Tilt	1882.5	0.078	1.12	22.5	22.15	1.084	0.085	/
LTE Band 26A	20M	QPSK	1	37	Right Cheek	819	0.199	-4.23	24	23.54	1.112	0.221	25
			50	39	Right Cheek	819	0.174	0.91	22.5	22.30	1.047	0.182	/
			1	37	Right Tilt	819	0.095	3.70	24	23.54	1.112	0.106	/
			50	39	Right Tilt	819	0.084	3.58	22.5	22.30	1.047	0.088	/
			1	37	Left Cheek	819	0.185	-3.72	24	23.54	1.112	0.206	/
			50	39	Left Cheek	819	0.166	2.24	22.5	22.30	1.047	0.174	/
			1	37	Left Tilt	819	0.074	0.59	24	23.54	1.112	0.082	/
			50	39	Left Tilt	819	0.056	-4.22	22.5	22.30	1.047	0.059	/
LTE Band 26B	20M	QPSK	1	37	Right Cheek	831.5	0.290	1.92	24	23.67	1.079	0.313	27
			50	39	Right Cheek	831.5	0.244	-2.12	23	22.73	1.064	0.260	/
			1	37	Right Tilt	831.5	0.104	0.06	24	23.67	1.079	0.112	/
			50	39	Right Tilt	831.5	0.102	3.93	23	22.73	1.064	0.109	/
			1	37	Left Cheek	831.5	0.244	2.04	24	23.67	1.079	0.263	/
			50	39	Left Cheek	831.5	0.207	2.66	23	22.73	1.064	0.220	/
			1	37	Left Tilt	831.5	0.122	3.67	24	23.67	1.079	0.132	/
			50	39	Left Tilt	831.5	0.093	0.11	23	22.73	1.064	0.099	/
LTE Band 66	20M	QPSK	1	99	Right Cheek	1720	0.187	-2.83	23	22.57	1.104	0.206	29
			50	0	Right Cheek	1770	0.166	0.03	22	21.69	1.074	0.178	/
			1	99	Right Tilt	1720	0.077	-2.90	23	22.57	1.104	0.085	/
			50	0	Right Tilt	1770	0.051	-0.74	22	21.69	1.074	0.055	/
			1	99	Left Cheek	1720	0.168	-2.75	23	22.57	1.104	0.185	/
			50	0	Left Cheek	1770	0.141	-3.89	22	21.69	1.074	0.151	/
			1	99	Left Tilt	1720	0.059	-2.40	23	22.57	1.104	0.065	/
			50	0	Left Tilt	1770	0.045	1.71	22	21.69	1.074	0.048	/
2.4G WLAN	N/A	802.11b	N/A	N/A	Right Cheek	2412	0.075	-2.53	18.50	18.39	1.026	0.077	31
					Right Tilt	2412	0.034	2.29	18.50	18.39	1.026	0.035	/
					Left Cheek	2412	0.063	-2.95	18.50	18.39	1.026	0.065	/
					Left Tilt	2412	0.026	2.03	18.50	18.39	1.026	0.027	/
BT	N/A	GFSK	N/A	N/A	Right Cheek	2440	0.065	2.85	9.50	9.26	1.057	0.069	33
					Right Tilt	2440	0.011	-1.41	9.50	9.26	1.057	0.012	/
					Left Cheek	2440	0.025	-1.16	9.50	9.26	1.057	0.026	/

					Left Tilt	2440	0.009	3.36	9.50	9.26	1.057	0.010	/
5.2G WLAN	N/A	802.11ac-VHT20	N/A	N/A	Right Cheek	5180	0.396	0.91	9.00	8.87	1.030	0.408	35
					Right Tilt	5180	0.147	-2.56	9.00	8.87	1.030	0.151	/
					Left Cheek	5180	0.325	3.62	9.00	8.87	1.030	0.335	/
					Left Tilt	5180	0.156	2.95	9.00	8.87	1.030	0.161	/
5.8G WLAN	N/A	802.11ac-VHT20	N/A	N/A	Right Cheek	5745	0.437	1.69	8.50	8.16	1.081	0.473	/
					Right Cheek	5785	0.451	1.69	9.00	8.87	1.030	0.465	/
					Right Cheek	5825	0.463	1.69	10.00	9.56	1.107	0.512	37
					Right Tilt	5825	0.185	1.99	10.00	9.56	1.107	0.205	/
					Left Cheek	5825	0.347	-1.41	10.00	9.56	1.107	0.384	/
					Left Tilt	5825	0.139	2.48	10.00	9.56	1.107	0.154	/

Note:

1. Per KDB 447498 D01 v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. Scaled SAR (W/kg) = Measured SAR(W/kg) * Tune-up Scaling Factor

13.3 Body-Worn and Hotspot SAR

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Tune-up Power (dBm)	Meas. Output Power (dBm)	Scaling Factor	Scaled SAR (W/Kg)	Meas. No.
GSM 850	N/A	GPRS (GMSK, 2-Slot)	N/A	N/A	Front Side	836.6	0.301	-1.22	31.50	31.05	1.110	0.334	2
					Back Side	836.6	0.265	-3.53	31.50	31.05	1.110	0.294	/
					Left Side	836.6	0.244	3.43	31.50	31.05	1.110	0.271	/
					Right Side	836.6	0.099	3.03	31.50	31.05	1.110	0.110	/
					Top Side	836.6	0.003	2.96	31.50	31.05	1.110	0.003	/
					Bottom Side	836.6	0.244	-0.36	31.50	31.05	1.110	0.271	/
GSM 1900	N/A	GPRS (GMSK, 3-Slot)	N/A	N/A	Front Side	1850.2	0.386	-2.20	27.00	26.50	1.121	0.433	4
					Back Side	1850.2	0.34	-0.70	27.00	26.50	1.121	0.381	/
					Left Side	1850.2	0.297	-0.78	27.00	26.50	1.121	0.333	/
					Right Side	1850.2	0.143	2.16	27.00	26.50	1.121	0.160	/
					Top Side	1850.2	0.054	2.39	27.00	26.50	1.121	0.061	/
					Bottom Side	1850.2	0.347	3.67	27.00	26.50	1.121	0.389	/
WCD MA Band II	N/A	RMC	N/A	N/A	Front Side	1880	0.418	-3.43	23.50	23.05	1.109	0.464	6
					Back Side	1880	0.389	-1.00	23.50	23.05	1.109	0.431	/
					Left Side	1880	0.318	-3.16	23.50	23.05	1.109	0.353	/
					Right Side	1880	0.150	-1.30	23.50	23.05	1.109	0.166	/
					Bottom Side	1880	0.372	-0.89	23.50	23.05	1.109	0.413	/
WCD MA Band IV	N/A	RMC	N/A	N/A	Front Side	1740	0.463	1.39	23.50	23.46	1.010	0.468	8
					Back Side	1740	0.444	1.44	23.50	23.46	1.010	0.448	/
					Left Side	1740	0.352	-0.52	23.50	23.46	1.010	0.355	/
					Right Side	1740	0.176	2.40	23.50	23.46	1.010	0.178	/
					Bottom Side	1740	0.384	0.03	23.50	23.46	1.010	0.388	/
WCD MA Band V	N/A	RMC	N/A	N/A	Front Side	846.6	0.356	-0.70	23.00	22.77	1.054	0.375	10
					Back Side	846.6	0.317	-3.89	23.00	22.77	1.054	0.334	/
					Left Side	846.6	0.281	1.60	23.00	22.77	1.054	0.296	/
					Right Side	846.6	0.114	0.70	23.00	22.77	1.054	0.120	/
					Bottom Side	846.6	0.288	1.24	23.00	22.77	1.054	0.304	/
LTE Band 2	20M	QPSK	1	99	Front side	1880	0.542	-1.34	23.5	23.32	1.042	0.565	12
			50	49	Front side	1880	0.477	-1.97	22.5	22.13	1.089	0.519	/
			1	99	Back Side	1880	0.412	3.16	23.5	23.32	1.042	0.429	/
			50	49	Back Side	1880	0.354	-0.19	22.5	22.13	1.089	0.385	/
			1	99	Left Side	1880	0.304	-1.35	23.5	23.32	1.042	0.317	/
			50	49	Left Side	1880	0.280	0.21	22.5	22.13	1.089	0.305	/
			1	99	Right Side	1880	0.195	2.81	23.5	23.32	1.042	0.203	/
			50	49	Right Side	1880	0.189	-0.75	22.5	22.13	1.089	0.206	/
			1	99	Bottom Side	1880	0.325	1.40	23.5	23.32	1.042	0.339	/
			50	49	Bottom Side	1880	0.299	-1.39	22.5	22.13	1.089	0.326	/
LTE Band 4	20M	QPSK	1	99	Front side	1720	0.311	0.16	23.5	23	1.122	0.349	14
			50	49	Front side	1720	0.289	0.30	21.5	21.3	1.047	0.303	/
			1	99	Back Side	1720	0.230	-3.21	23.5	23	1.122	0.258	/
			50	49	Back Side	1720	0.196	1.51	21.5	21.3	1.047	0.205	/
			1	99	Left Side	1720	0.180	-0.74	23.5	23	1.122	0.202	/
			50	49	Left Side	1720	0.166	-3.35	21.5	21.3	1.047	0.174	/

			1	99	Right Side	1720	0.118	1.61	23.5	23	1.122	0.132	/
			50	49	Right Side	1720	0.113	-1.98	21.5	21.3	1.047	0.118	/
			1	99	Bottom Side	1720	0.182	2.93	23.5	23	1.122	0.204	/
			50	49	Bottom Side	1720	0.175	0.62	21.5	21.3	1.047	0.183	/
LTE Band 5	10M	QPSK	1	0	Front side	829	0.339	-0.03	24	23.63	1.089	0.369	16
			25	0	Front side	829	0.329	2.90	22.5	22.37	1.030	0.339	/
			1	0	Back Side	829	0.247	3.67	24	23.63	1.089	0.269	/
			25	0	Back Side	829	0.220	-2.02	22.5	22.37	1.030	0.227	/
			1	0	Left Side	829	0.170	0.70	24	23.63	1.089	0.185	/
			25	0	Left Side	829	0.146	2.62	22.5	22.37	1.030	0.150	/
			1	0	Right Side	829	0.105	-0.43	24	23.63	1.089	0.114	/
			25	0	Right Side	829	0.102	0.00	22.5	22.37	1.030	0.105	/
			1	0	Bottom Side	829	0.212	1.88	24	23.63	1.089	0.231	/
			25	0	Bottom Side	829	0.191	0.82	22.5	22.37	1.030	0.197	/
LTE Band 7	10M	QPSK	1	99	Front side	2535	0.499	0.52	23.5	23.44	1.014	0.506	18
			50	0	Front side	2535	0.489	-1.91	22.5	22.42	1.019	0.498	/
			1	99	Back Side	2535	0.379	-3.09	23.5	23.44	1.014	0.384	/
			50	0	Back Side	2535	0.349	-2.34	22.5	22.42	1.019	0.355	/
			1	99	Left Side	2535	0.274	1.85	23.5	23.44	1.014	0.278	/
			50	0	Left Side	2535	0.236	-1.94	22.5	22.42	1.019	0.240	/
			1	99	Right Side	2535	0.175	3.85	23.5	23.44	1.014	0.177	/
			50	0	Right Side	2535	0.168	-1.28	22.5	22.42	1.019	0.171	/
			1	99	Bottom Side	2535	0.322	-1.22	23.5	23.44	1.014	0.326	/
			50	0	Bottom Side	2535	0.283	3.29	22.5	22.42	1.019	0.288	/
LTE Band 12	10M	QPSK	1	49	Front side	704	0.188	-2.75	24	23.87	1.030	0.194	20
			25	12	Front side	704	0.165	-1.79	23.5	23.07	1.104	0.182	/
			1	49	Back Side	704	0.137	3.62	24	23.87	1.030	0.141	/
			25	12	Back Side	704	0.121	-1.59	23.5	23.07	1.104	0.134	/
			1	49	Left Side	704	0.113	1.71	24	23.87	1.030	0.116	/
			25	12	Left Side	704	0.090	1.23	23.5	23.07	1.104	0.099	/
			1	49	Right Side	704	0.066	-1.57	24	23.87	1.030	0.068	/
			25	12	Right Side	704	0.060	-3.74	23.5	23.07	1.104	0.066	/
			1	49	Bottom Side	704	0.121	2.19	24	23.87	1.030	0.125	/
			25	12	Bottom Side	704	0.117	-0.08	23.5	23.07	1.104	0.129	/
LTE Band 17	10M	QPSK	1	49	Front side	709	0.195	-3.54	24.5	24.04	1.112	0.217	22
			25	24	Front side	711	0.172	-1.84	23.5	23.16	1.081	0.186	/
			1	49	Back Side	709	0.142	-0.07	24.5	24.04	1.112	0.158	/
			25	24	Back Side	711	0.126	2.89	23.5	23.16	1.081	0.136	/
			1	49	Left Side	709	0.115	1.80	24.5	24.04	1.112	0.128	/
			25	24	Left Side	711	0.098	-0.80	23.5	23.16	1.081	0.106	/
			1	49	Right Side	709	0.060	1.25	24.5	24.04	1.112	0.067	/
			25	24	Right Side	711	0.058	3.64	23.5	23.16	1.081	0.063	/
			1	49	Bottom Side	709	0.115	3.06	24.5	24.04	1.112	0.128	/
			25	24	Bottom Side	711	0.107	-0.51	23.5	23.16	1.081	0.116	/
LTE Band	20M	QPSK	1	49	Front side	1882.5	0.571	1.62	23.5	23.29	1.050	0.599	24
			50	24	Front side	1882.5	0.542	2.87	22.5	22.15	1.084	0.587	/

25			1	49	Back Side	1882.5	0.445	1.62	23.5	23.29	1.050	0.467	/
			50	24	Back Side	1882.5	0.378	2.87	22.5	22.15	1.084	0.410	/
			1	49	Left Side	1882.5	0.343	1.62	23.5	23.29	1.050	0.360	/
			50	24	Left Side	1882.5	0.285	2.87	22.5	22.15	1.084	0.309	/
			1	49	Right Side	1882.5	0.160	1.62	23.5	23.29	1.050	0.168	/
			50	24	Right Side	1882.5	0.146	2.87	22.5	22.15	1.084	0.158	/
			1	49	Bottom Side	1882.5	0.392	1.62	23.5	23.29	1.050	0.411	/
			50	24	Bottom Side	1882.5	0.365	2.87	22.5	22.15	1.084	0.396	/
LTE Band 26A	20M	QPSK	1	37	Front side	819	0.304	-3.59	24	23.54	1.112	0.338	26
			50	39	Front side	819	0.297	-0.51	22.5	22.30	1.047	0.311	/
			1	37	Back Side	819	0.241	-4.16	24	23.54	1.112	0.268	/
			50	39	Back Side	819	0.197	1.28	22.5	22.30	1.047	0.206	/
			1	37	Left Side	819	0.195	2.75	24	23.54	1.112	0.217	/
			50	39	Left Side	819	0.174	0.45	22.5	22.30	1.047	0.182	/
			1	37	Right Side	819	0.108	-1.90	24	23.54	1.112	0.120	/
			50	39	Right Side	819	0.104	2.72	22.5	22.30	1.047	0.109	/
			1	37	Bottom Side	819	0.179	-1.62	24	23.54	1.112	0.199	/
			50	39	Bottom Side	819	0.164	-2.28	22.5	22.30	1.047	0.172	/
LTE Band 26B	20M	QPSK	1	37	Front side	831.5	0.340	1.17	24	23.67	1.079	0.367	28
			50	39	Front side	831.5	0.306	-1.29	23	22.73	1.064	0.326	/
			1	37	Back Side	831.5	0.252	1.17	24	23.67	1.079	0.272	/
			50	39	Back Side	831.5	0.217	-1.29	23	22.73	1.064	0.231	/
			1	37	Left Side	831.5	0.211	1.17	24	23.67	1.079	0.228	/
			50	39	Left Side	831.5	0.196	-1.29	23	22.73	1.064	0.209	/
			1	37	Right Side	831.5	0.129	1.17	24	23.67	1.079	0.139	/
			50	39	Right Side	831.5	0.123	-1.29	23	22.73	1.064	0.131	/
			1	37	Bottom Side	831.5	0.212	1.17	24	23.67	1.079	0.229	/
			50	39	Bottom Side	831.5	0.189	-1.29	23	22.73	1.064	0.201	/
LTE Band 66	20M	QPSK	1	99	Front side	1720	0.329	2.06	23	22.57	1.104	0.363	30
			50	0	Front side	1770	0.322	3.38	22	21.69	1.074	0.346	/
			1	99	Back Side	1720	0.247	-1.78	23	22.57	1.104	0.273	/
			50	0	Back Side	1770	0.217	1.86	22	21.69	1.074	0.233	/
			1	99	Left Side	1720	0.201	3.70	23	22.57	1.104	0.222	/
			50	0	Left Side	1770	0.187	0.43	22	21.69	1.074	0.201	/
			1	99	Right Side	1720	0.118	-0.63	23	22.57	1.104	0.130	/
			50	0	Right Side	1770	0.110	0.23	22	21.69	1.074	0.118	/
			1	99	Bottom Side	1720	0.205	0.99	23	22.57	1.104	0.226	/
			50	0	Bottom Side	1770	0.193	-1.46	22	21.69	1.074	0.207	/
2.4G Hz WLA N	N/A	802.11b	N/A	N/A	Front Side	2412	0.118	-2.83	18.50	18.39	1.026	0.121	32
					Back Side	2412	0.105	2.96	18.50	18.39	1.026	0.108	/
					Left Side	2412	0.097	-0.94	18.50	18.39	1.026	0.099	/
					Right Side	2412	0.045	1.72	18.50	18.39	1.026	0.046	/
					Bottom Side	2412	0.110	-1.25	18.50	18.39	1.026	0.113	/
BT	N/A	GFSK	N/A	N/A	Front Side	2440	0.069	-2.31	9.50	9.26	1.057	0.073	34
					Back Side	2440	0.031	1.55	9.50	9.26	1.057	0.033	/
					Left Side	2440	0.026	-3.21	9.50	9.26	1.057	0.027	/
					Right Side	2440	0.012	3.39	9.50	9.26	1.057	0.013	/

					Bottom Side	2440	0.031	-2.37	9.50	9.26	1.057	0.033	/
5.2G Hz WLAN	N/A	802.11a c-VHT20	N/A	N/A	Front Side	5180	0.305	-1.95	9.00	8.87	1.030	0.314	36
					Back Side	5180	0.281	-1.55	9.00	8.87	1.030	0.290	/
					Left Side	5180	0.229	-3.89	9.00	8.87	1.030	0.236	/
					Right Side	5180	0.092	3.69	9.00	8.87	1.030	0.095	/
					Bottom Side	5180	0.262	-0.59	9.00	8.87	1.030	0.270	/
5.8G Hz WLAN	N/A	802.11a c-VHT20	N/A	N/A	Front Side	5745	0.501	-1.62	8.50	8.16	1.081	0.542	/
					Front Side	5785	0.496	0.54	9.00	8.87	1.030	0.511	/
					Front Side	5825	0.542	-2.70	10.00	9.56	1.107	0.600	38
					Back Side	5825	0.520	-1.18	10.00	9.56	1.107	0.575	/
					Left Side	5825	0.417	0.12	10.00	9.56	1.107	0.461	/
					Right Side	5825	0.184	2.55	10.00	9.56	1.107	0.204	/
					Bottom Side	5825	0.477	-2.63	10.00	9.56	1.107	0.528	/

Note:

- The test separation of all above table is 5mm.
- Per KDB 447498 D01 v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - Scaled SAR (W/kg) = Measured SAR(W/kg) * Tune-up Scaling Factor
- Per KDB 248227 D01 v02r02 Section 5.2.2, the OFDM SAR is scaled from the measured DSSS SAR using the formula: $SAR_{OFDM\text{Scaled}} = SAR_{DSSS\text{Measured}} \times (P_{OFDM_Max} / P_{DSSS_Max})$ The scaled SAR value for OFDM is ≤ 1.2 W/kg, so separate SAR testing for OFDM is not required. (The highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power was **0.139** W/kg for Body)

13.4 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. Based upon KDB 447498 D01 v06, BT SAR is excluded as below table
4. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
5. KDB 447498 D01 v06 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) $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f} \text{ (GHz)} / x] \text{ W/kg}$ for test separation distances $\leq 50 \text{ mm}$; Where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR. b) 0.4 W/Kg for 1-g SAR and 1.0 W/Kg for 10-g SAR, when the separation distance is $>50 \text{ mm}$.

Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
GSM + 2.4G WLAN	Head	GSM	0.457	0.534
		2.4G WLAN	0.077	
	Body	GSM	0.433	0.554
		2.4G WLAN	0.121	
GSM + Bluetooth	Head	GSM	0.457	0.489
		Bluetooth	0.032	
	Body	GSM	0.433	0.469
		Bluetooth	0.036	
GSM + 5G WLAN	Head	GSM	0.457	0.969
		5G WLAN	0.512	
	Body	GSM	0.433	1.033
		5G WLAN	0.600	
WCDMA + 2.4G WLAN	Head	WCDMA	0.481	0.558
		2.4G WLAN	0.077	
	Body	WCDMA	0.488	0.609
		2.4G WLAN	0.121	
WCDMA + Bluetooth	Head	WCDMA	0.481	0.513
		Bluetooth	0.032	
	Body	WCDMA	0.488	0.524
		Bluetooth	0.036	
WCDMA + 5G WLAN	Head	WCDMA	0.481	0.994
		5G WLAN	0.512	
	Body	WCDMA	0.488	1.088
		5G WLAN	0.600	
LTE + 2.4G WLAN	Head	LTE	0.668	0.745
		2.4G WLAN	0.077	
	Body	LTE	0.599	0.720
		2.4G WLAN	0.121	
LTE + Bluetooth	Head	LTE	0.668	0.700
		Bluetooth	0.032	
	Body	LTE	0.599	0.635
		Bluetooth	0.036	
LTE + 5G WLAN	Head	LTE	0.668	1.181
		5G WLAN	0.512	
	Body	LTE	0.599	1.199
		5G WLAN	0.600	

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.

14. 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
E-Field Probe	MVG	SSE2	SN 37/08 EP80	2026.07.05	2027.07.04
E-Field Probe	MVG	SSE2	SN 27/13 EPG193	2026.07.05	2027.07.04
750MHz Dipole	MVG	SID750	SN 30/13 DIP0G750-259	2026.07.05	2029.07.04
835MHz Dipole	MVG	SID835	SN 20/08 DIP0C99	2026.07.05	2029.07.04
1800MHz Dipole	MVG	SID1800	SN 38/08 DIPF101	2026.07.05	2029.07.04
1900MHz Dipole	MVG	SID1900	SN 30/13 DIP1G900-261	2026.07.05	2029.07.04
2450MHz Dipole	MVG	SID2450	SN 30/13 DIP2G450-263	2026.07.05	2029.07.04
2600MHz Dipole	MVG	SID2600	SN 30/13 DIP2G600-265	2026.07.05	2029.07.04
Waveguide	MVG	SWG5500	SN 41/12 WGA21	2026.07.05	2029.07.04
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	2026.02.04	2027.02.03
Directional coupler	Xi'an Xingbo	XBOH-OA08-20dB	211123-4-3	2026.02.03	2027.02.02
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	2026.02.04	2027.02.03
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)

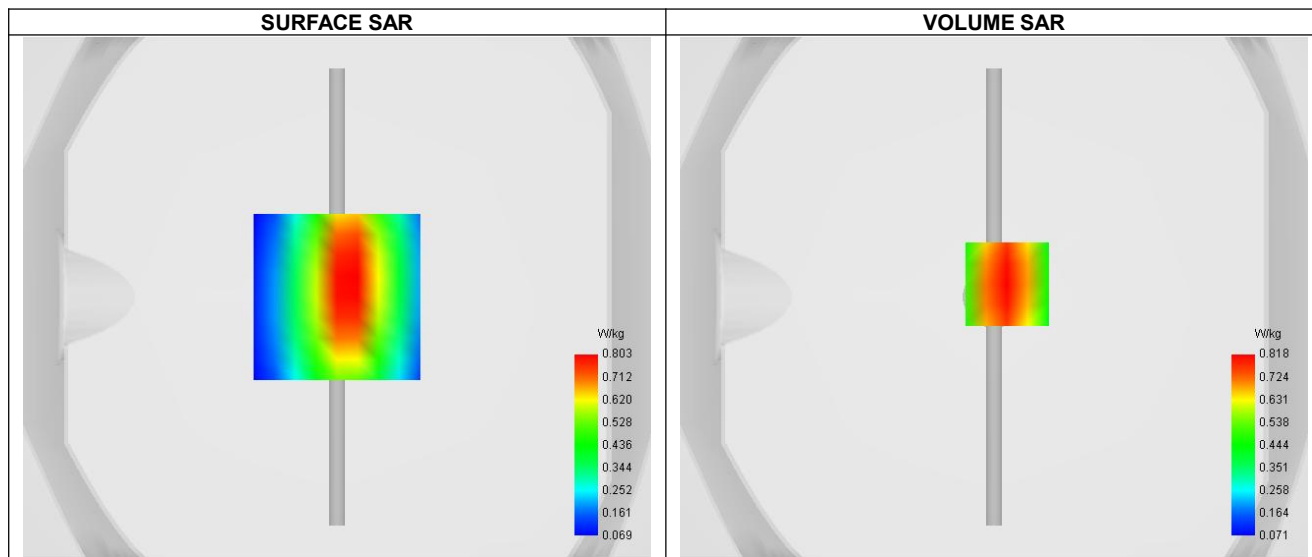
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-09-04

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW
Frequency (MHz)	750MHz
Relative permittivity	42.11
Conductivity (S/m)	0.91
Probe	SN 37/08 EP80
ConvF	6.44
Crest factor	1:1



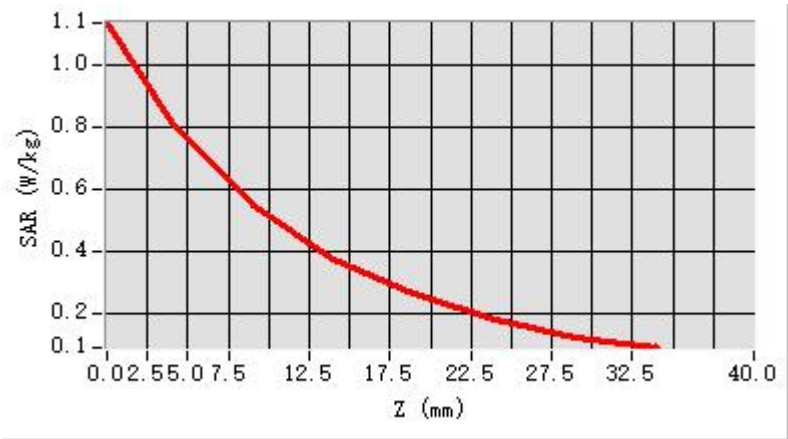
Maximum location: X=5.00, Y=5.00 ; SAR Peak: 1.13 W/kg

D. SAR 1g & 10g

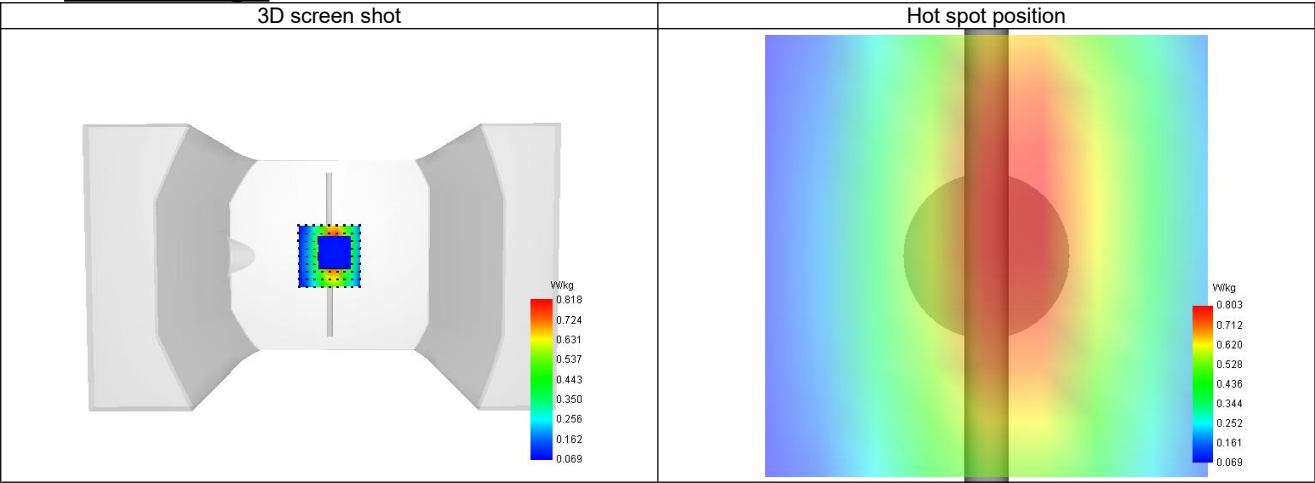
SAR 10g (W/Kg)	0.525
SAR 1g (W/Kg)	0.795
Horizontal validation criteria: minimum distance (mm)	15.628872
Vertical validation criteria: SAR ratio M2/M1 (%)	72.070484

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.135	0.818	0.551	0.377	0.266	0.184	0.127



F. 3D Image



System Performance Check Data (835MHz)

Type: Phone measurement (Complete)

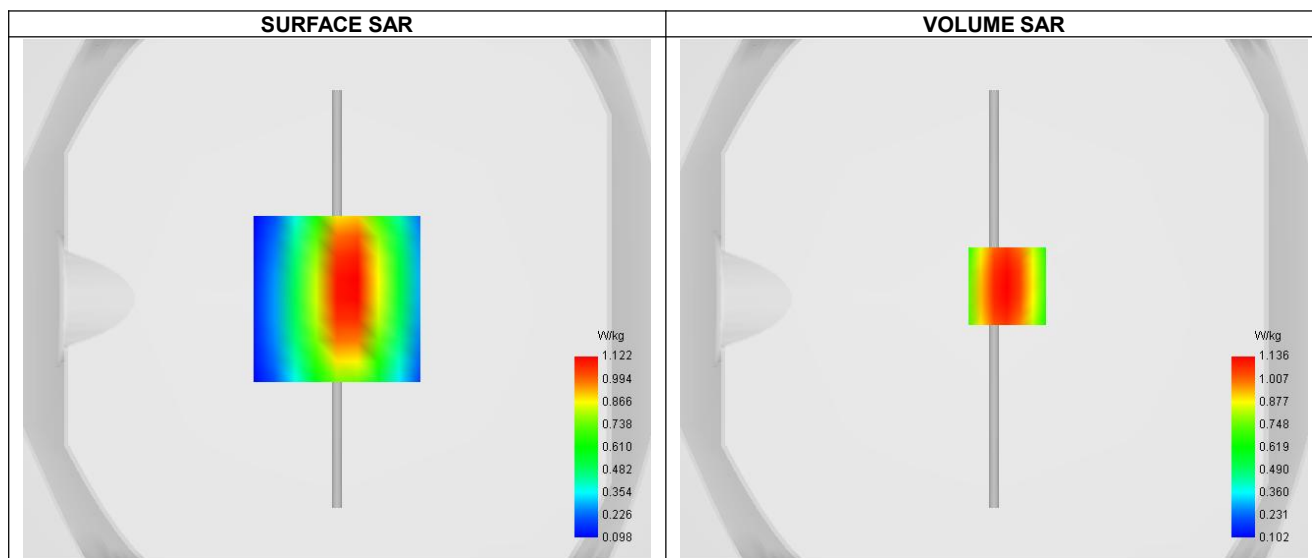
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-09-05

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW
Frequency (MHz)	835MHz
Relative permittivity	42.21
Conductivity (S/m)	0.91
Probe	SN 37/08 EP80
ConvF	6.13
Crest factor:	1:1

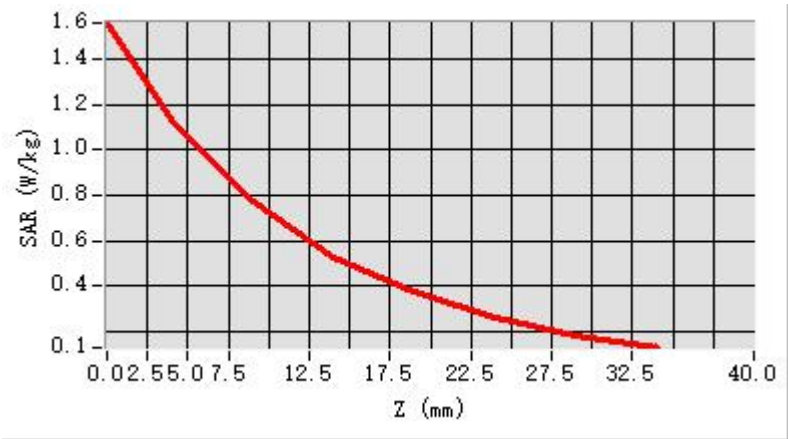


D. SAR 1g & 10g

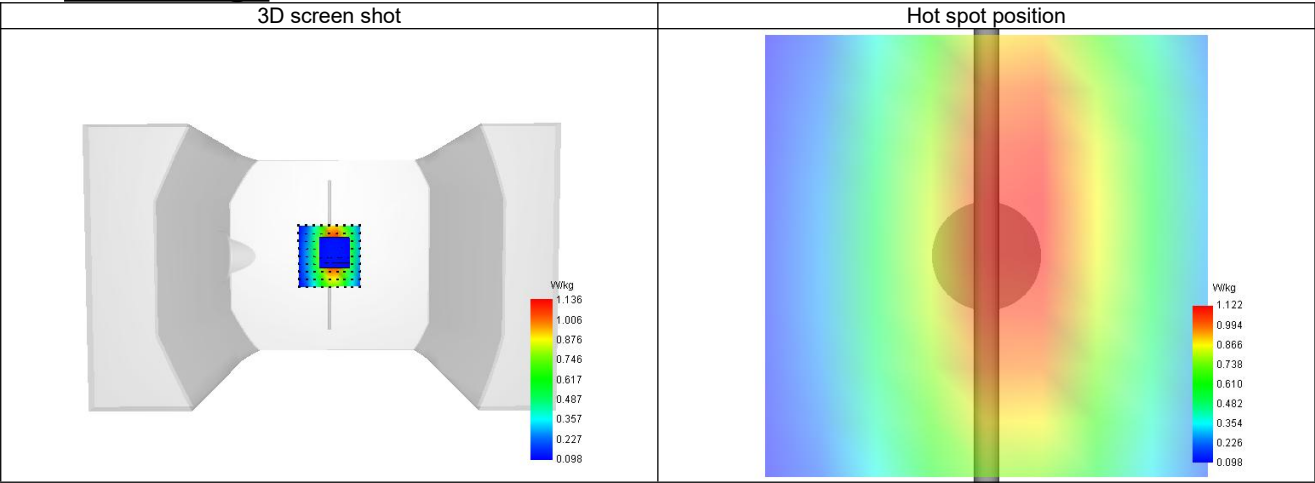
SAR 10g (W/Kg)	0.651
SAR 1g (W/Kg)	0.968
Horizontal validation criteria: minimum distance (mm)	14.395872
Vertical validation criteria: SAR ratio M2/M1 (%)	72.727273

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.562	1.136	0.770	0.527	0.371	0.257	0.177



F. 3D Image



System Performance Check Data(1800MHz)

Type: Phone measurement (Complete)

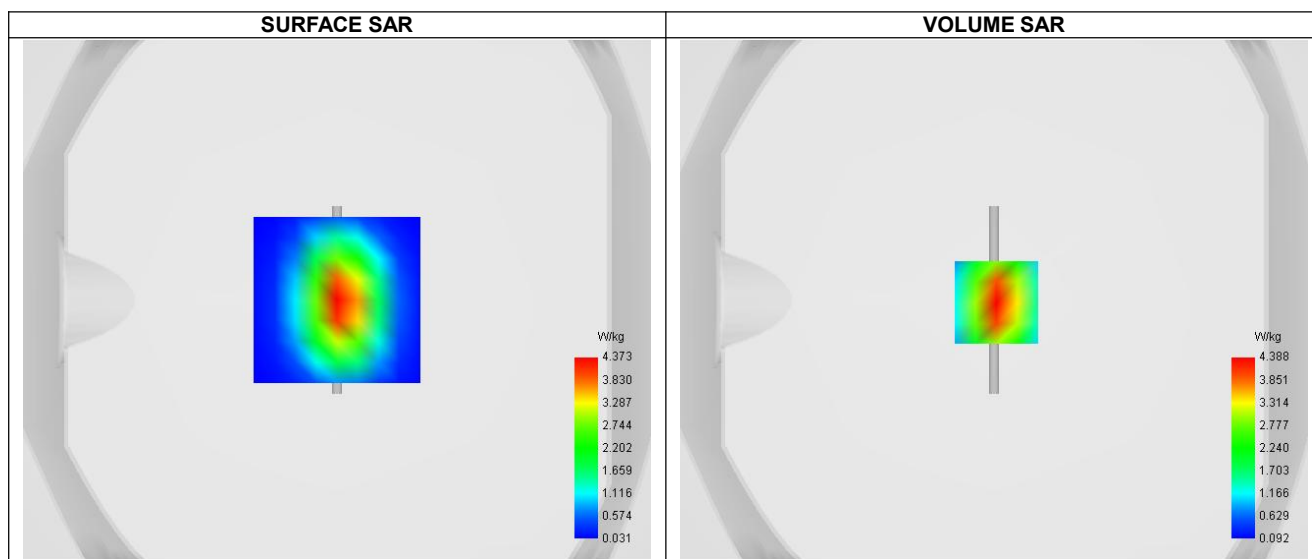
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-09-06

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1800MHz
Relative permittivity	40.12
Conductivity (S/m)	1.42
Probe	SN 37/08 EP80
ConvF	5.21
Crest factor:	1:1



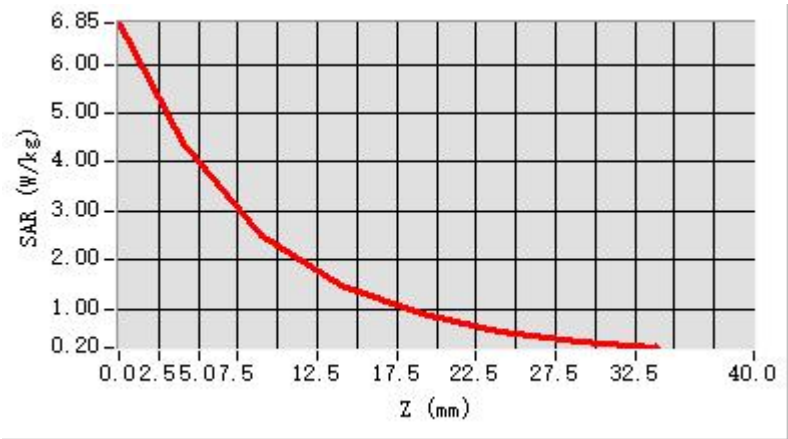
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 6.80 W/kg

D. SAR 1g & 10g

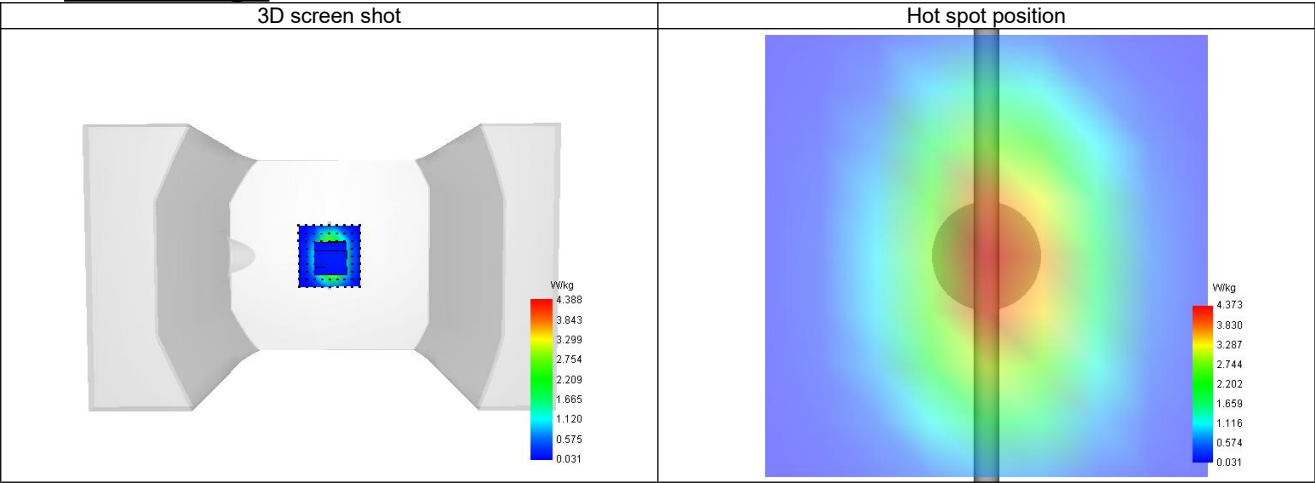
SAR 10g (W/Kg)	2.002
SAR 1g (W/Kg)	3.833
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.745586

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.852	4.388	2.490	1.466	0.888	0.524	0.310



F. 3D Image

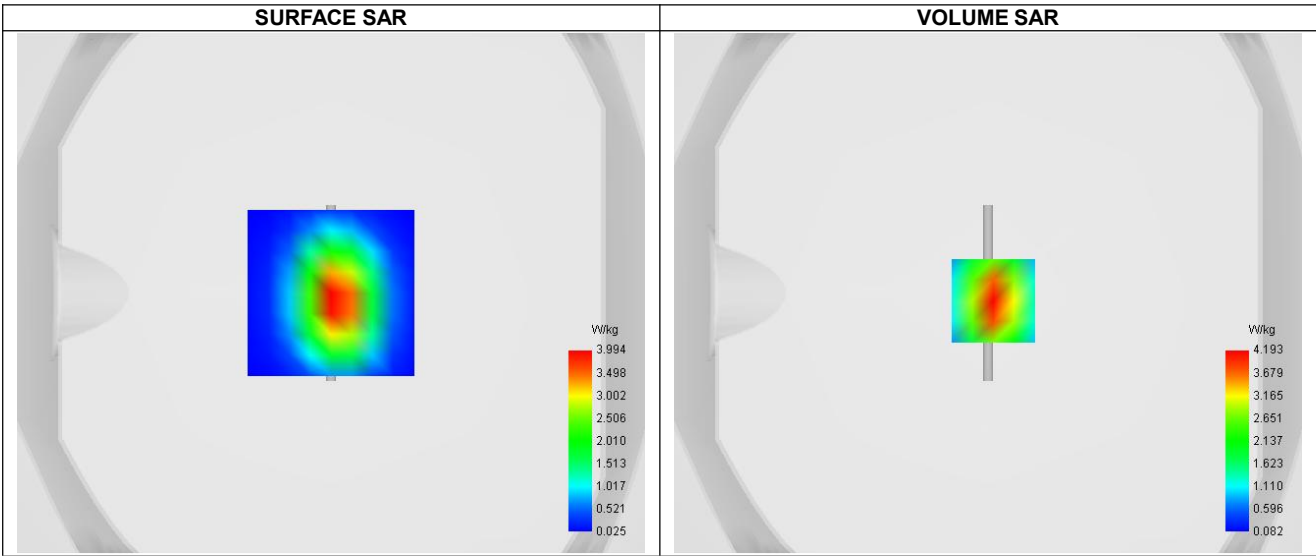


System Performance Check Data (1900MHz)

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm, dy=8mm
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
Date of measurement: 2026-09-07

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1900MHz
Relative permittivity	40.42
Conductivity (S/m)	1.40
Probe	SN 37/08 EP80
ConvF	5.61
Crest factor:	1:1



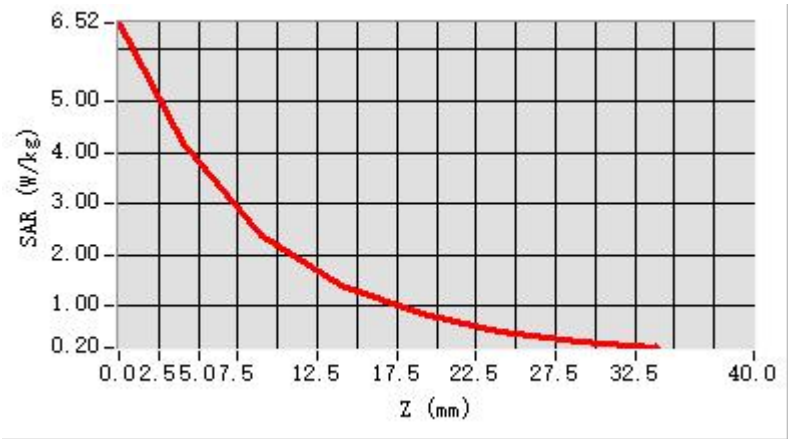
Maximum location: X=2.00, Y=-3.00 ; SAR Peak: 6.47 W/kg

D. SAR 1g & 10g

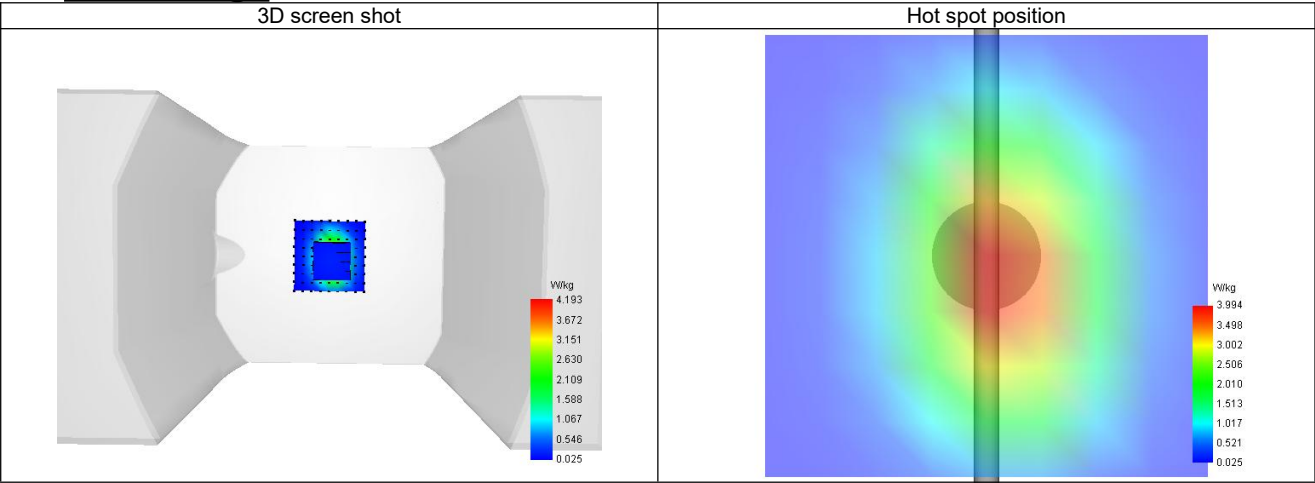
SAR 10g (W/Kg)	2.114
SAR 1g (W/Kg)	3.951
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.905022

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.516	4.193	2.386	1.416	0.859	0.522	0.321



F. 3D Image



System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

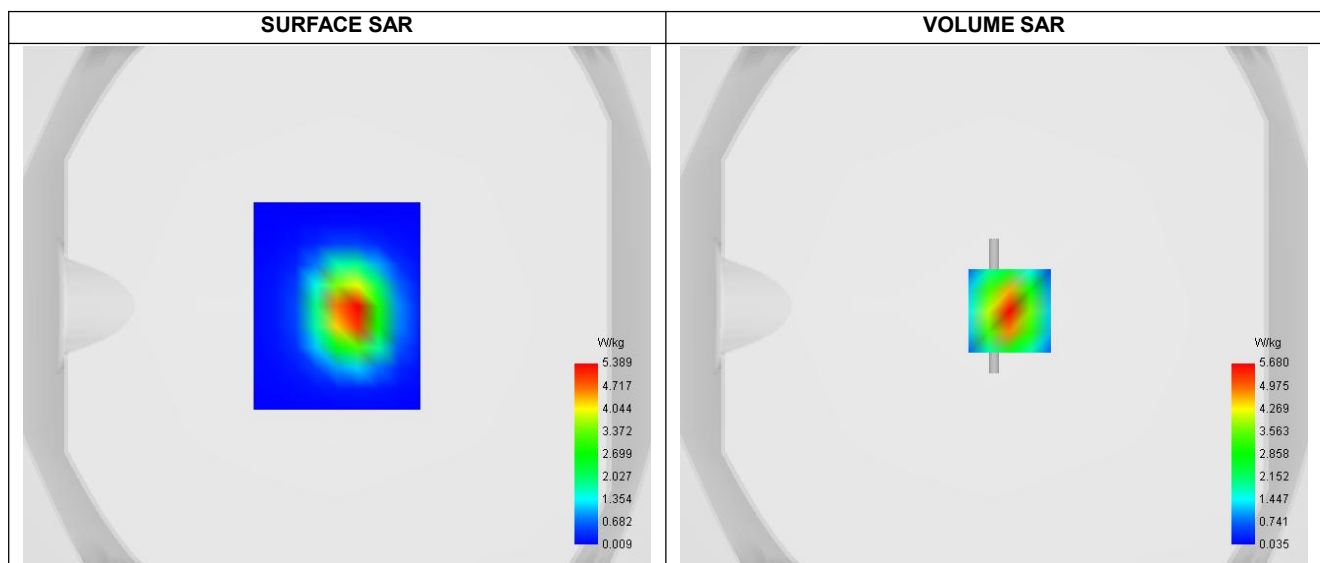
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-09-09

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.05
Conductivity (S/m)	1.79
Probe	SN 37/08 EP80
ConvF	4.82
Crest factor:	1:1



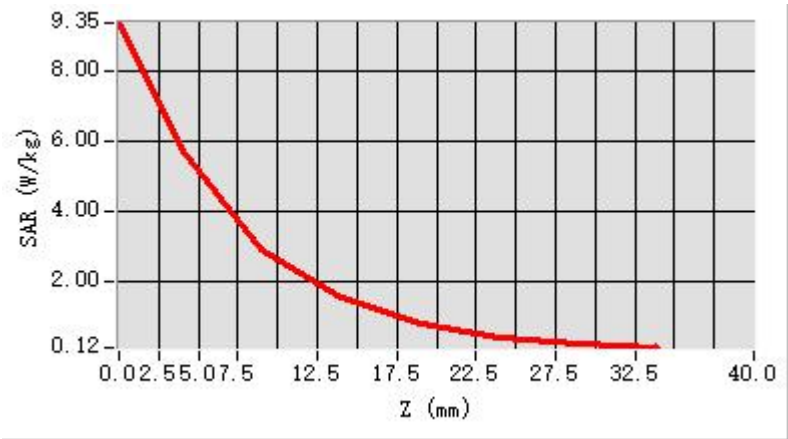
Maximum location: X=6.00, Y=-2.00 ; SAR Peak: 9.26 W/kg

D. SAR 1g & 10g

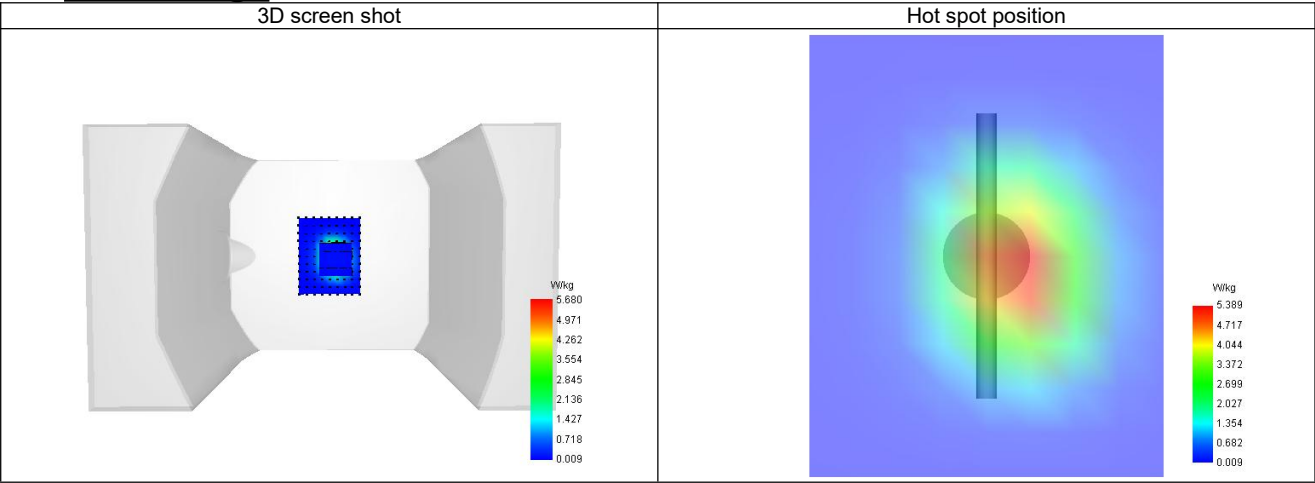
SAR 10g (W/Kg)	2.455
SAR 1g (W/Kg)	5.296
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.295625

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.349	5.680	2.914	1.531	0.802	0.425	0.226



F. 3D Image



System Performance Check Data(2600MHz)

Type: Phone measurement (Complete)

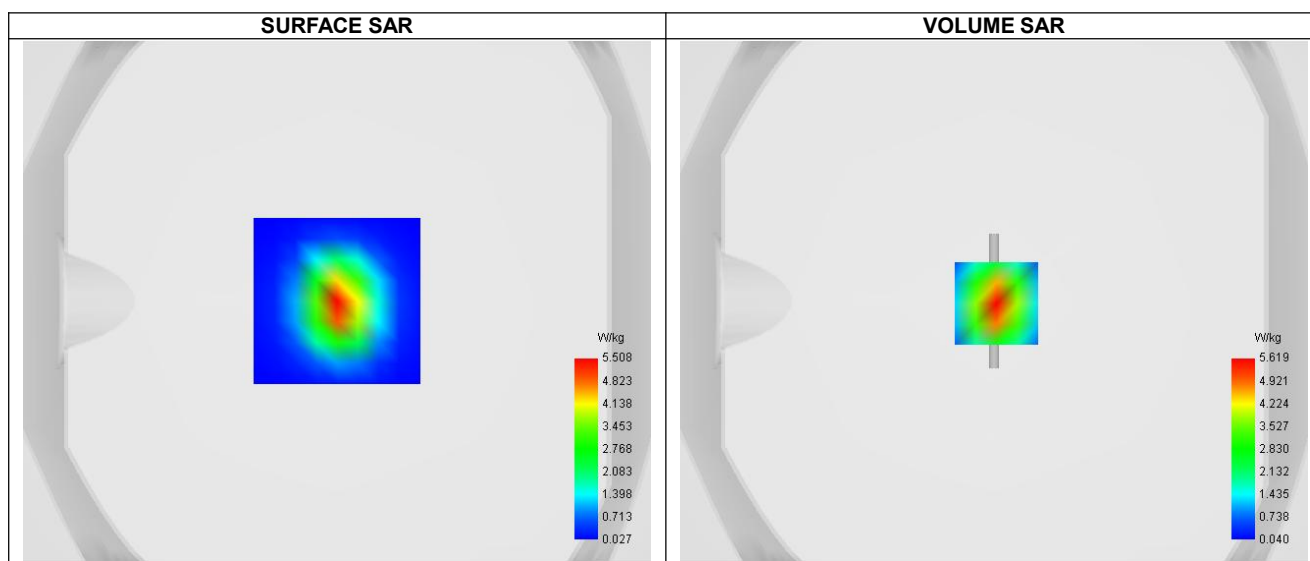
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-09-08

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2600
Relative permittivity	39.14
Conductivity (S/m)	1.96
Probe	SN 37/08 EP80
ConvF	4.74
Crest factor:	1:1



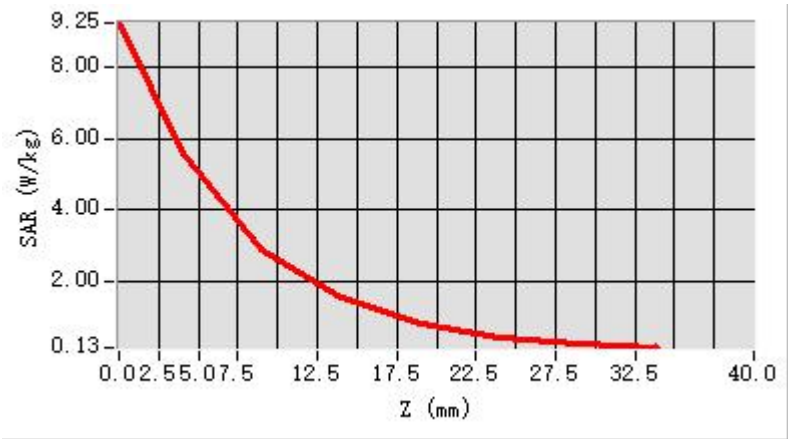
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 9.15 W/kg

D. SAR 1g & 10g

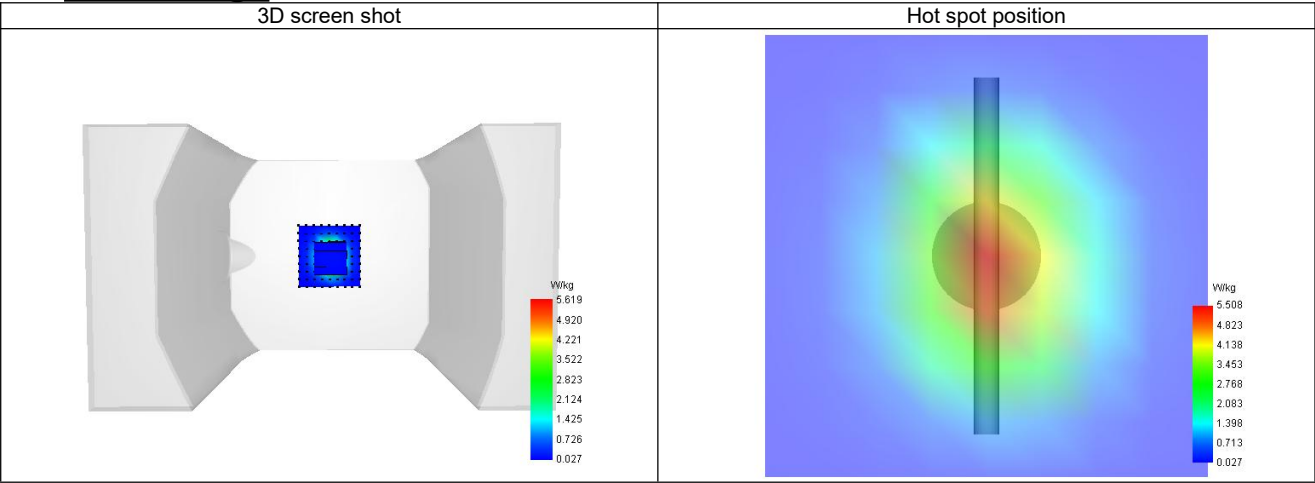
SAR 10g (W/Kg)	2.468
SAR 1g (W/Kg)	5.602
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.425952

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.252	5.619	2.890	1.554	0.821	0.433	0.229



F. 3D Image



System Performance Check Data (5200MHz)

Type: Dipole measurement (Complete)

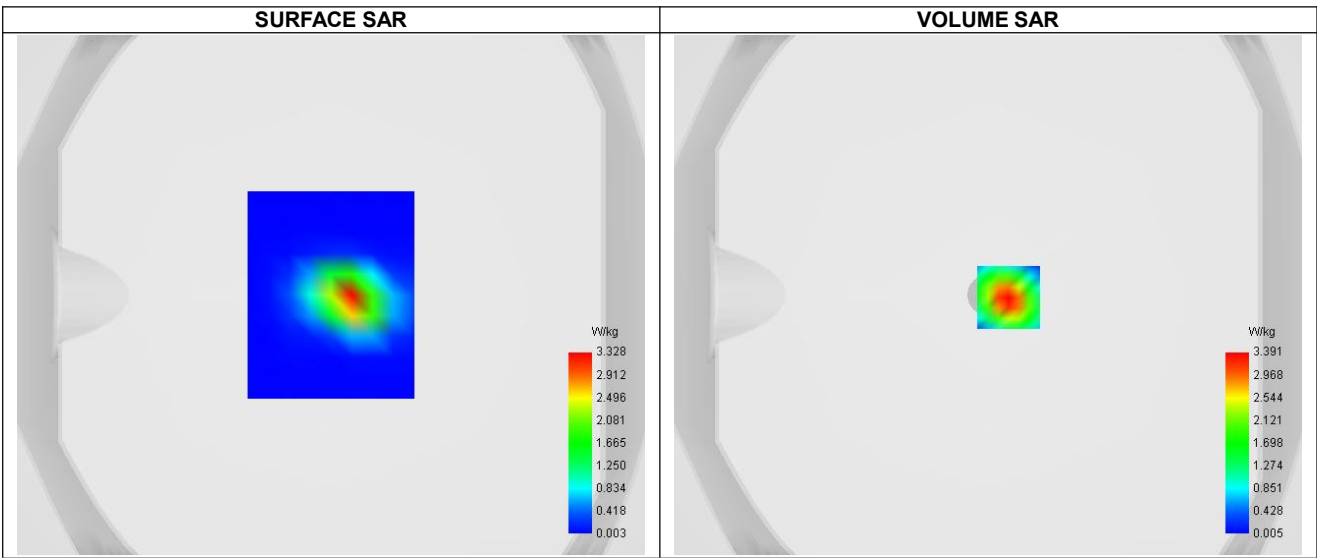
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2026-09-09

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5200MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5200
Relative permittivity	35.85
Conductivity (S/m)	4.66
Probe	SN 27/13 EPG193
ConvF	21.61
Crest factor:	1:1



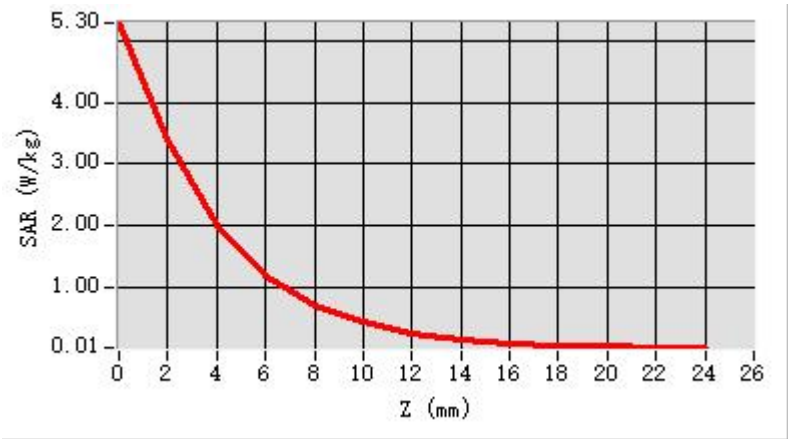
Maximum location: X=8.00, Y=-1.00 ; SAR Peak: 5.51 W/kg

D. SAR 1g & 10g

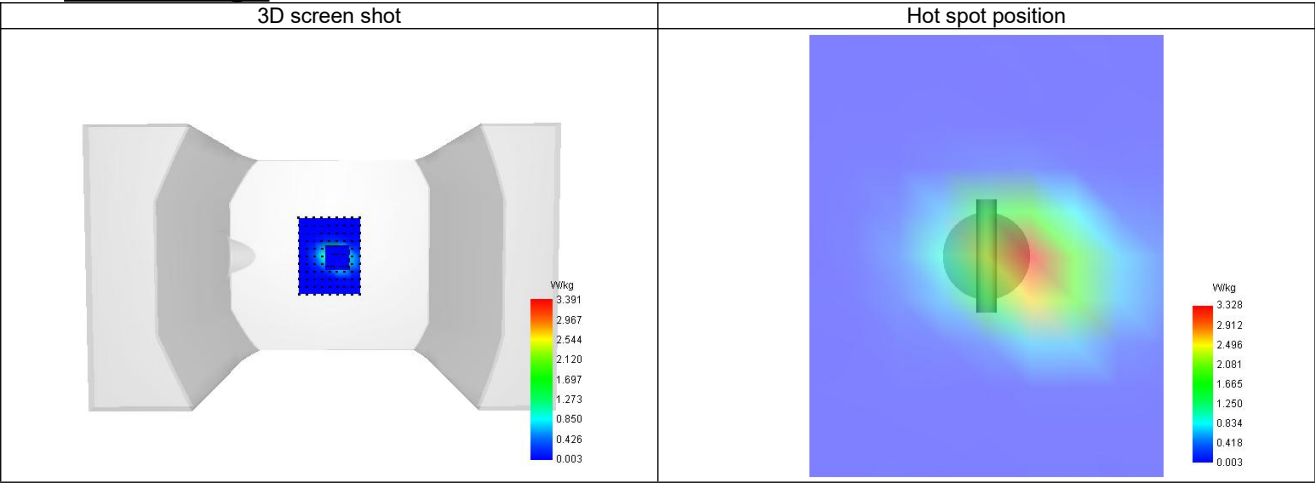
SAR 10g (W/Kg)	0.607
SAR 1g (W/Kg)	1.691
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	59.228895

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	5.298	3.391	2.008	1.197	0.711	0.423	0.251	0.149	0.089	0.053	0.031	0.019



F. 3D Image

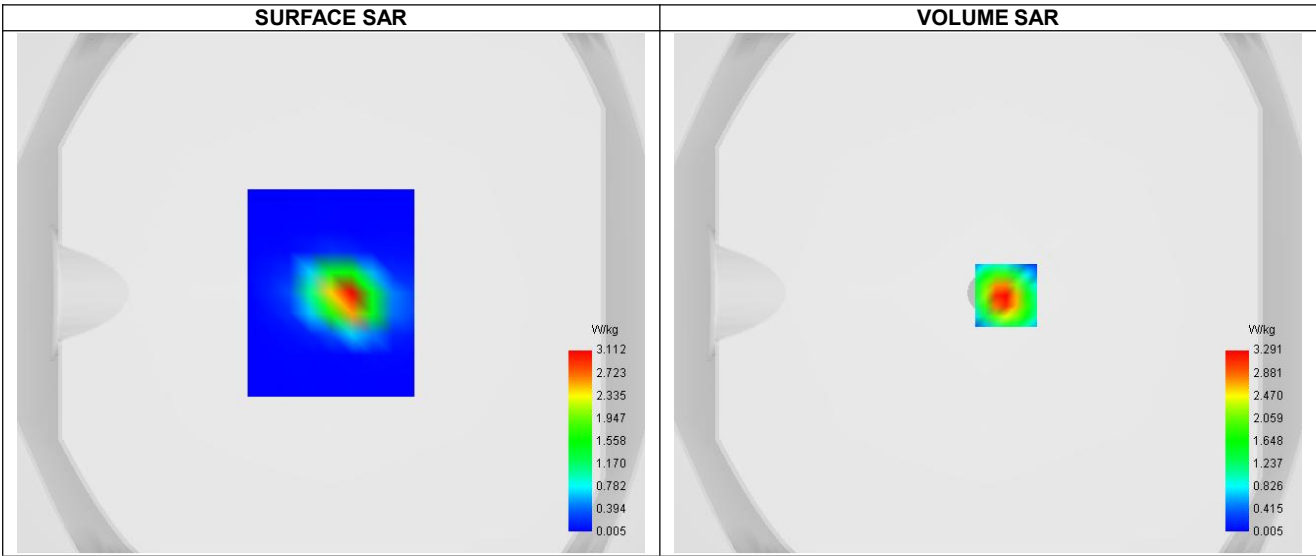


System Performance Check Data (5800MHz)

Type: Dipole measurement (Complete)
Area scan resolution: dx=8mm,dy=8mm
Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm
Date of measurement: 2026-09-09

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5800
Relative permittivity	36.27
Conductivity (S/m)	5.27
Probe	SN 27/13 EPG193
ConvF	22.42
Crest factor:	1:1



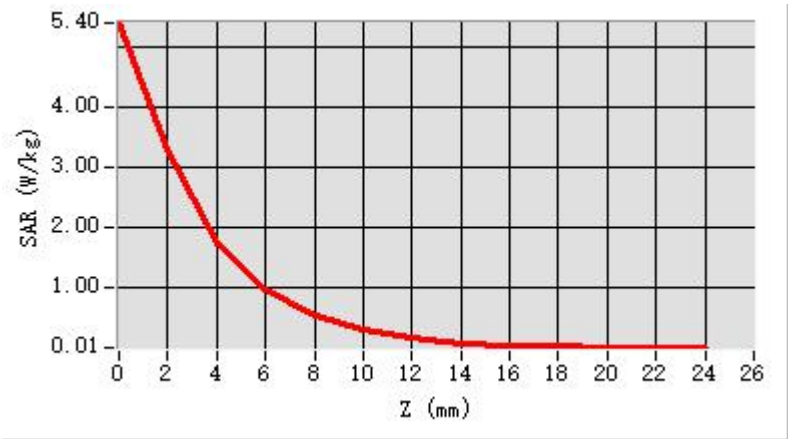
Maximum location: X=7.00, Y=-1.00 ; SAR Peak: 5.91 W/kg

D. SAR 1g & 10g

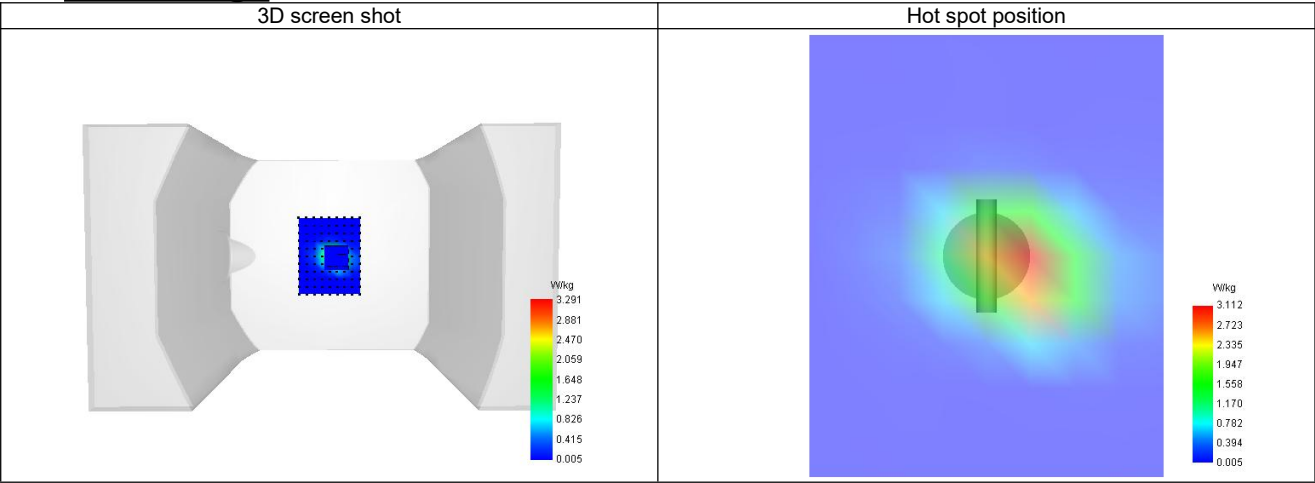
SAR 10g (W/Kg)	0.623
SAR 1g (W/Kg)	1.805
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	52.702682

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	5.396	3.291	1.735	0.979	0.537	0.295	0.162	0.089	0.049	0.027	0.015	0.008



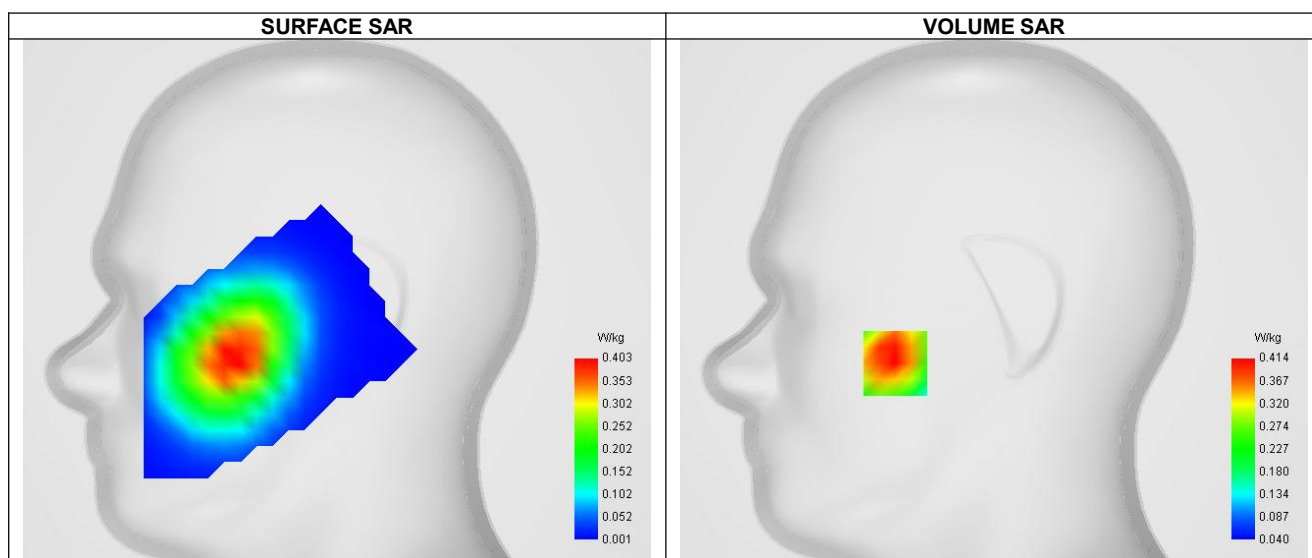
F. 3D Image



APPENDIX B. SAR TEST PLOTS

Plot 1: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
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)	836.6
Relative permittivity (real part)	41.37
Conductivity (S/m)	0.91

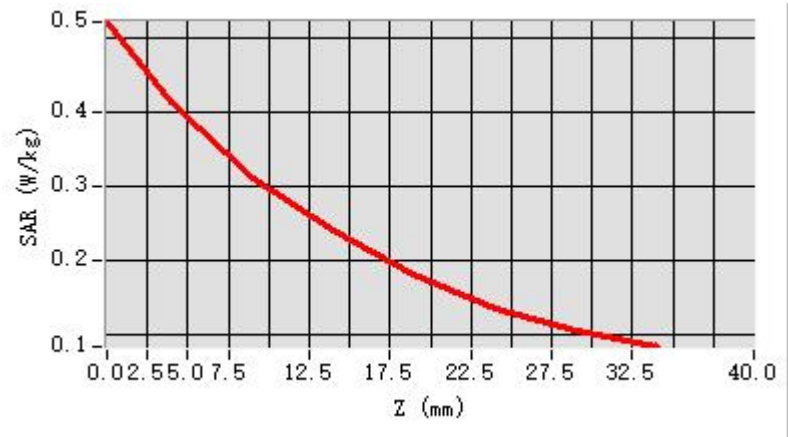


D. SAR 1g & 10g

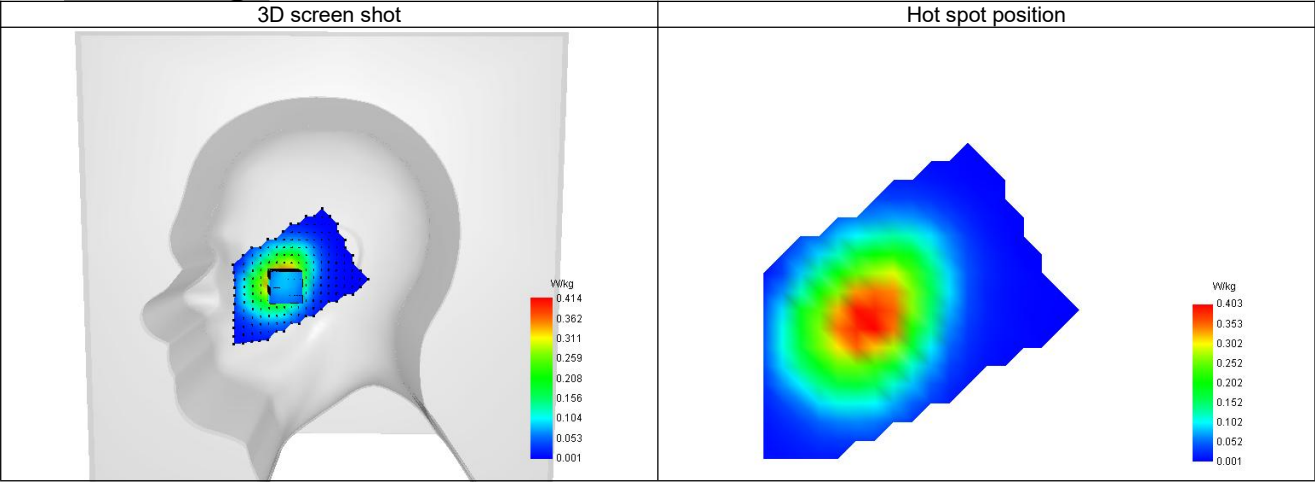
SAR 10g (W/Kg)	0.280
SAR 1g (W/Kg)	0.407
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	75.083568

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.521	0.414	0.311	0.242	0.180	0.136	0.105

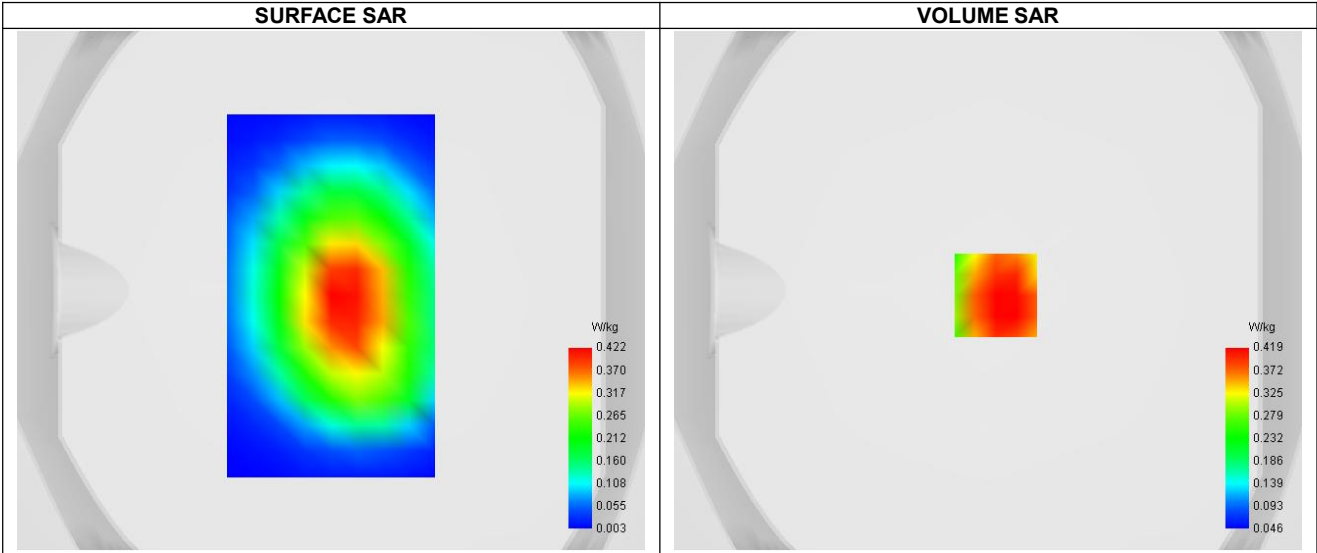


F. 3D Image



Plot 2: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	836.6
Relative permittivity (real part)	41.37
Conductivity (S/m)	0.91



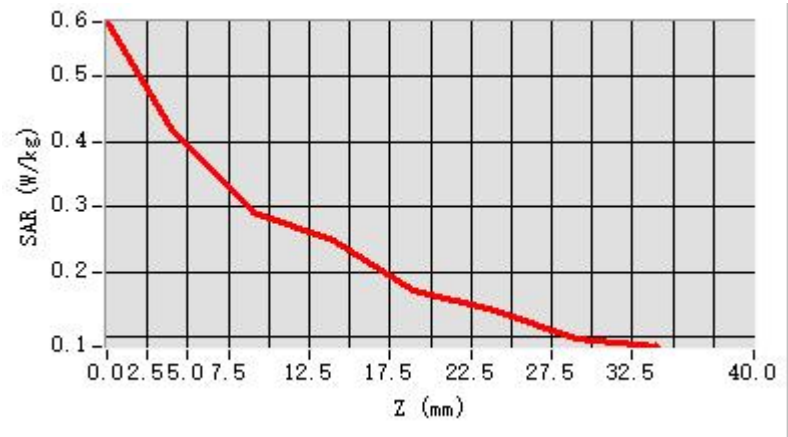
Maximum location: X=3.00, Y=-2.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

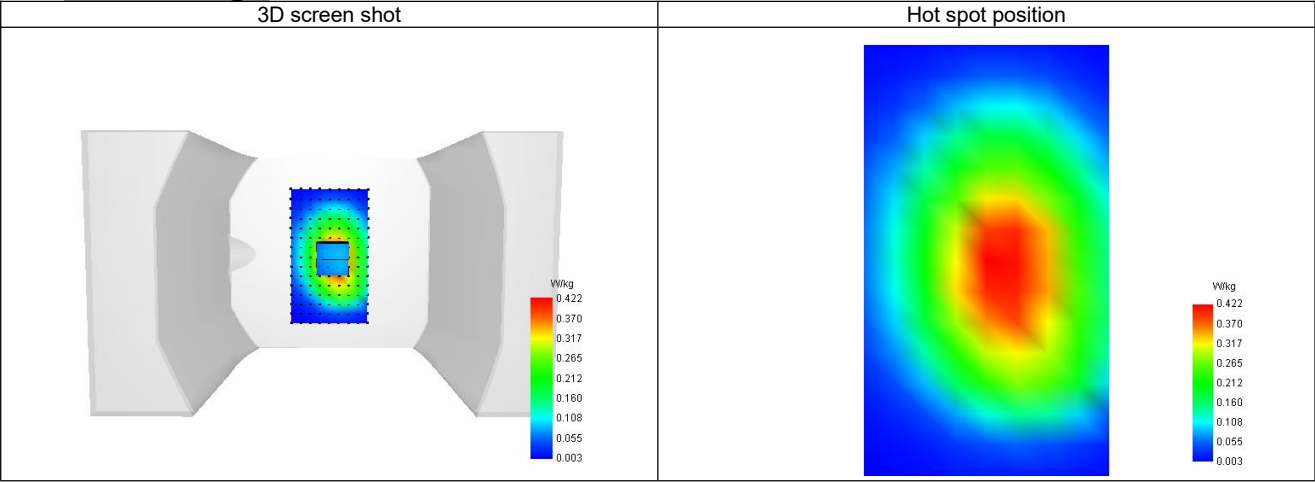
SAR 10g (W/Kg)	0.301
SAR 1g (W/Kg)	0.409
Horizontal validation criteria: minimum distance (mm)	16.585487
Vertical validation criteria: SAR ratio M2/M1 (%)	71.993127

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.582	0.419	0.291	0.248	0.172	0.142	0.100

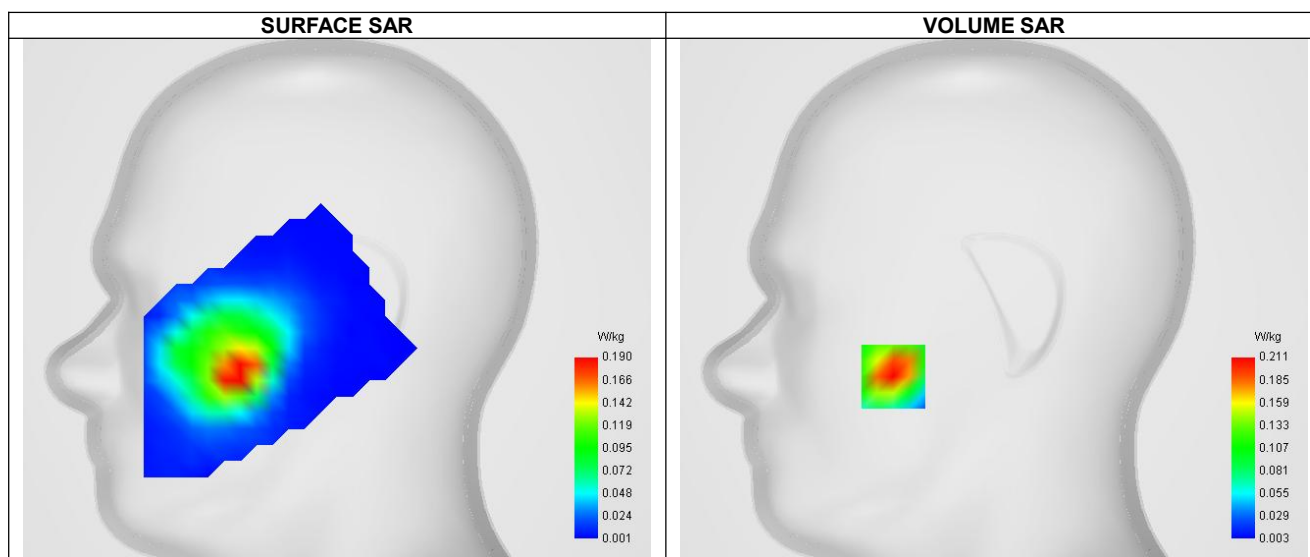


F. 3D Image



Plot 3: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.61
Probe	SN 37/08 EP80
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)	1880
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.39



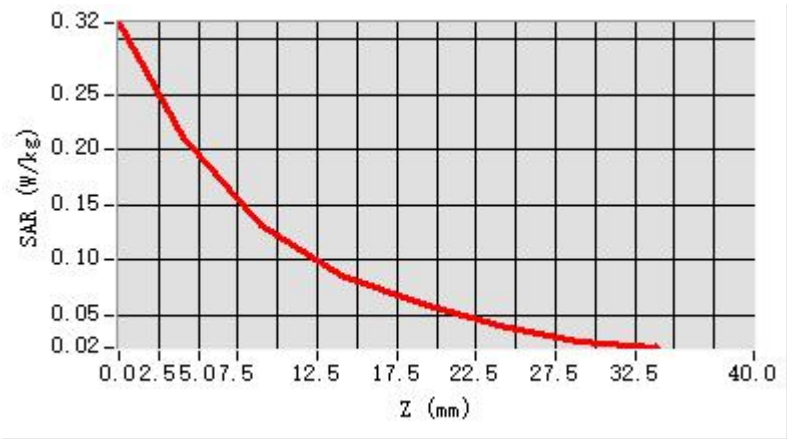
Maximum location: X=-50.00, Y=-38.00 ; SAR Peak: 0.32 W/kg

D. SAR 1g & 10g

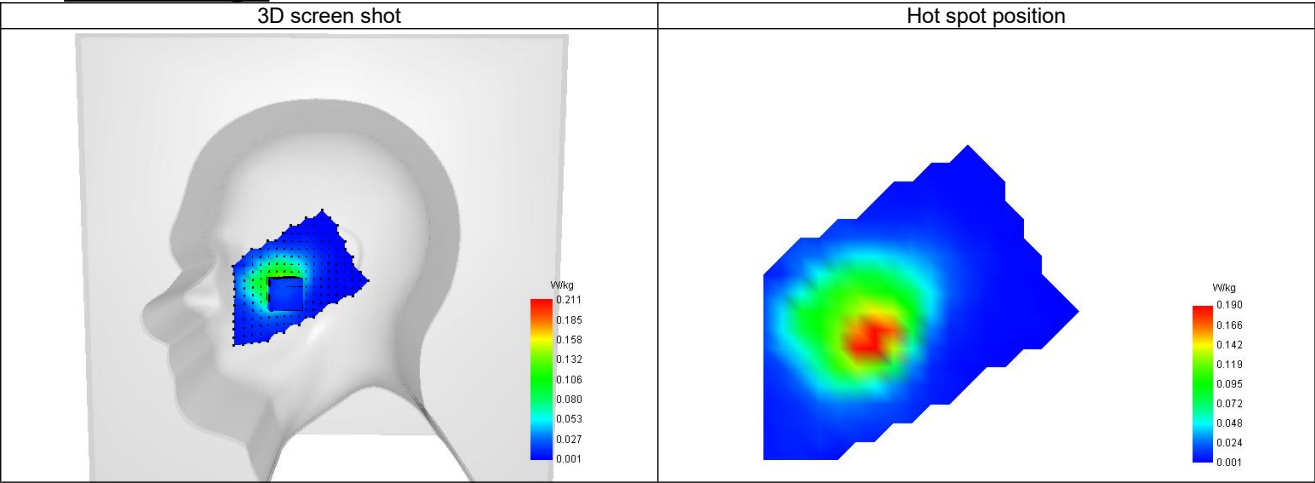
SAR 10g (W/Kg)	0.116
SAR 1g (W/Kg)	0.202
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	63.889141

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.315	0.211	0.132	0.086	0.060	0.040	0.026

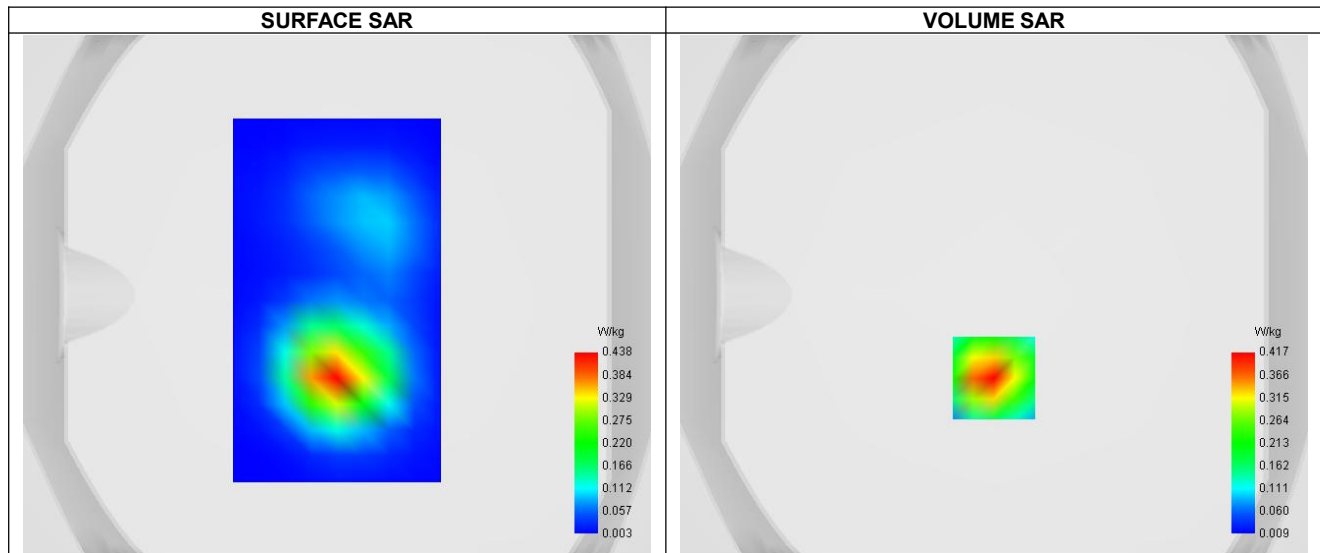


F. 3D Image



Plot 4: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.61
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.13
Conductivity (S/m)	21.61



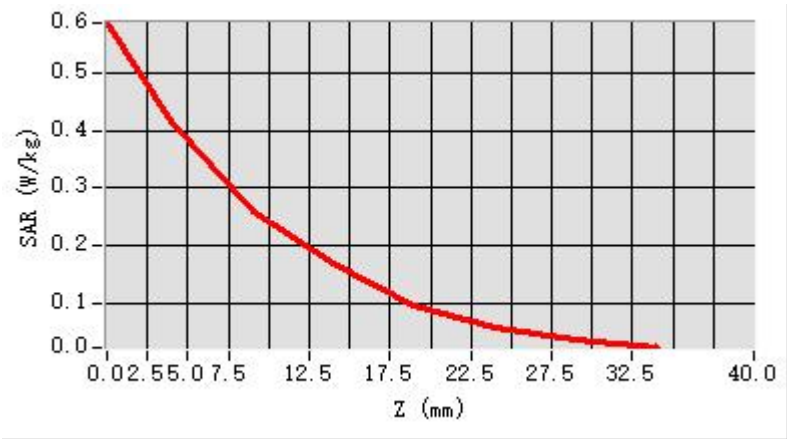
Maximum location: X=0.00, Y=-32.00 ; SAR Peak: 0.60 W/kg

D. SAR 1g & 10g

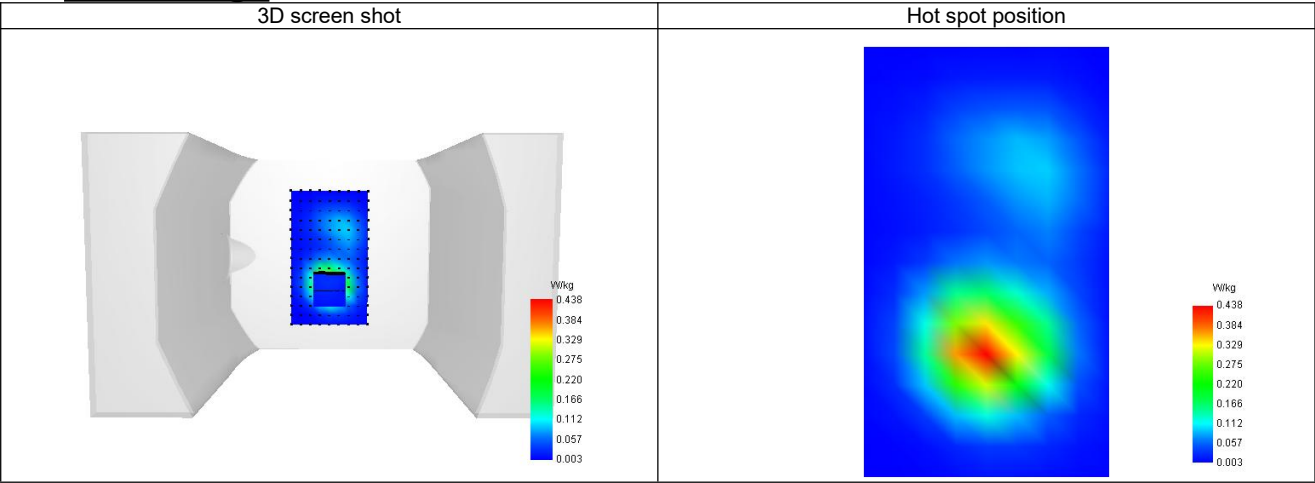
SAR 10g (W/Kg)	0.213
SAR 1g (W/Kg)	0.386
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	62.601751

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.585	0.417	0.261	0.168	0.096	0.059	0.039

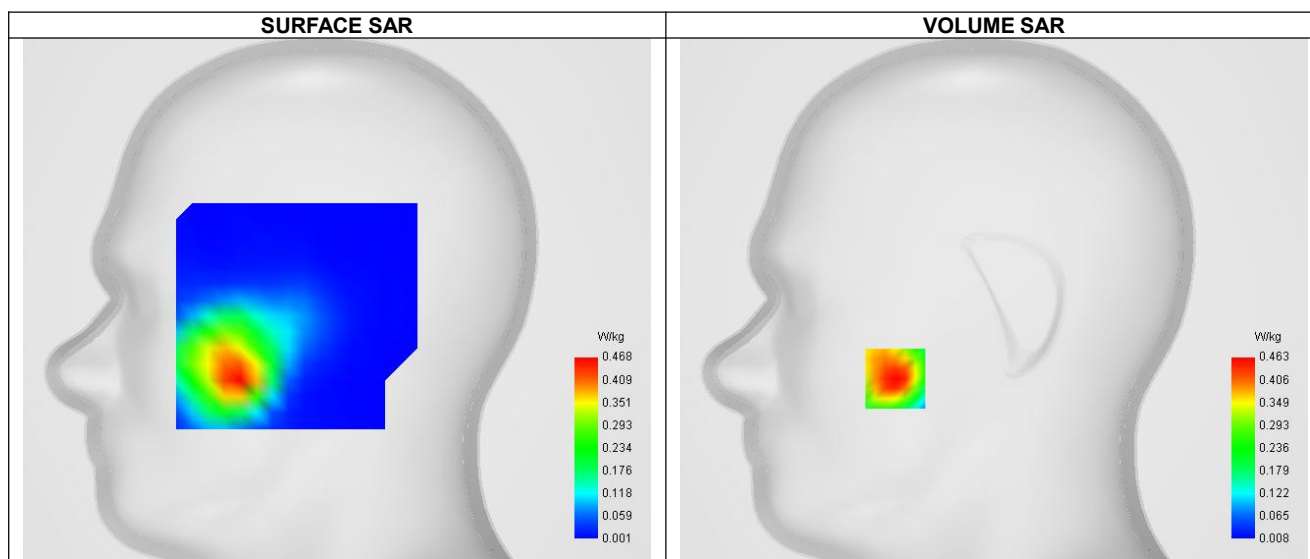


F. 3D Image



Plot 5: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.61
Probe	SN 37/08 EP80
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)	1880
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.39



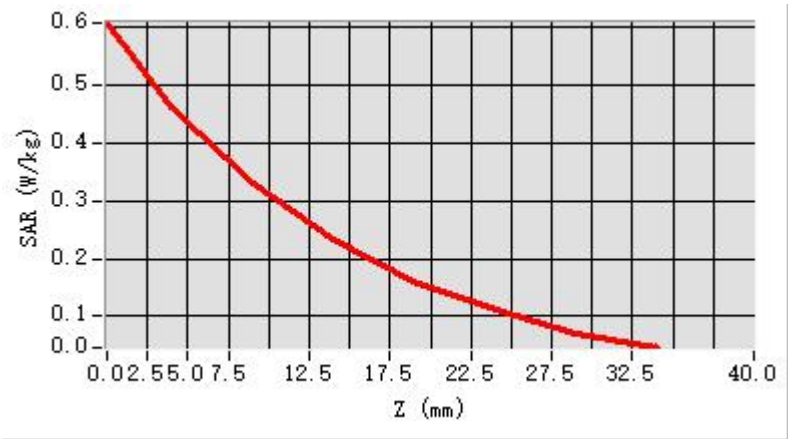
Maximum location: X=-49.00, Y=-39.00 ; SAR Peak: 0.62 W/kg

D. SAR 1g & 10g

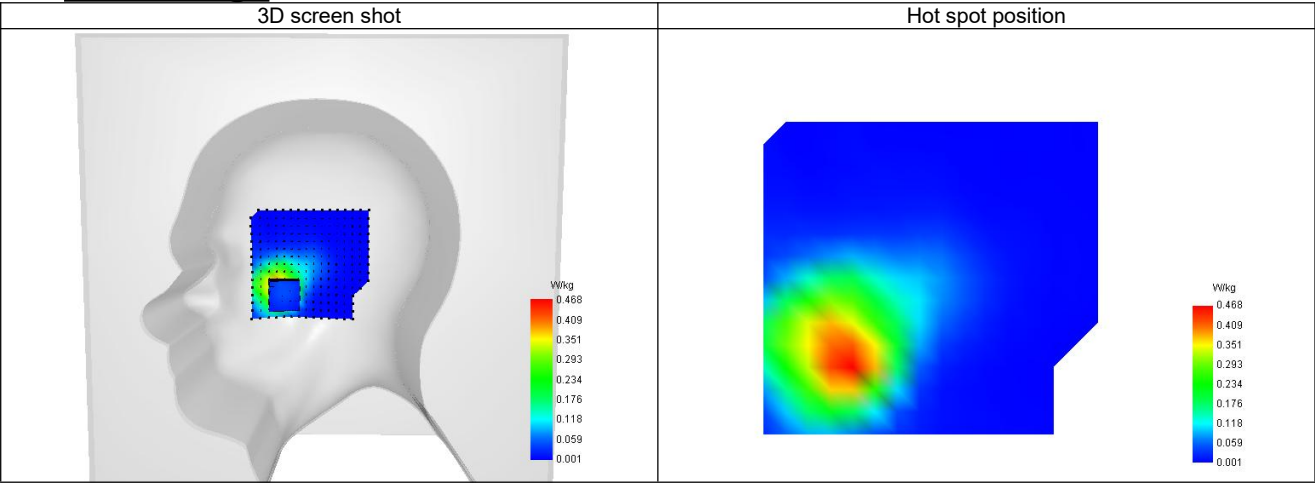
SAR 10g (W/Kg)	0.272
SAR 1g (W/Kg)	0.434
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	70.942163

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.608	0.463	0.329	0.232	0.160	0.110	0.070

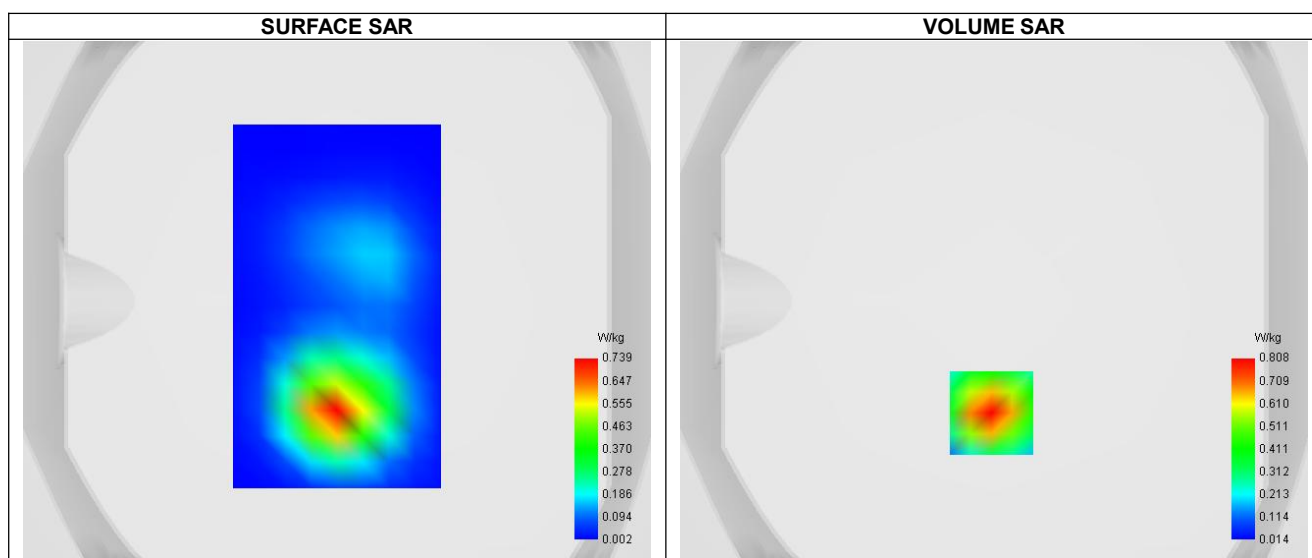


F. 3D Image



Plot 6: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.61
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	WCDMA II
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.39



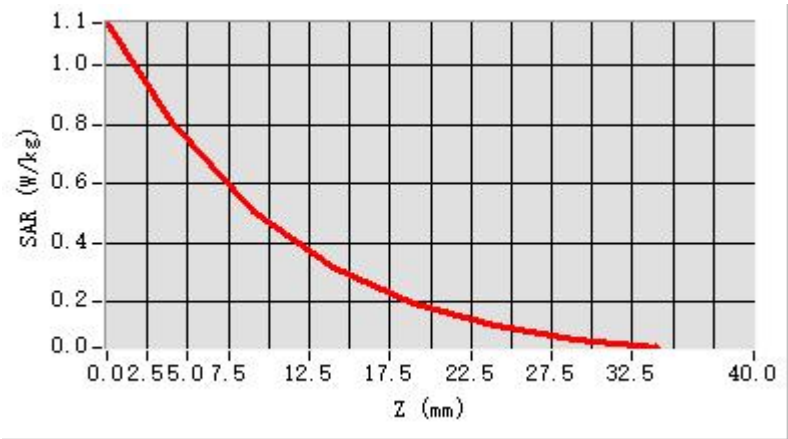
Maximum location: X=-1.00, Y=-43.00 ; SAR Peak: 1.17 W/kg

D. SAR 1g & 10g

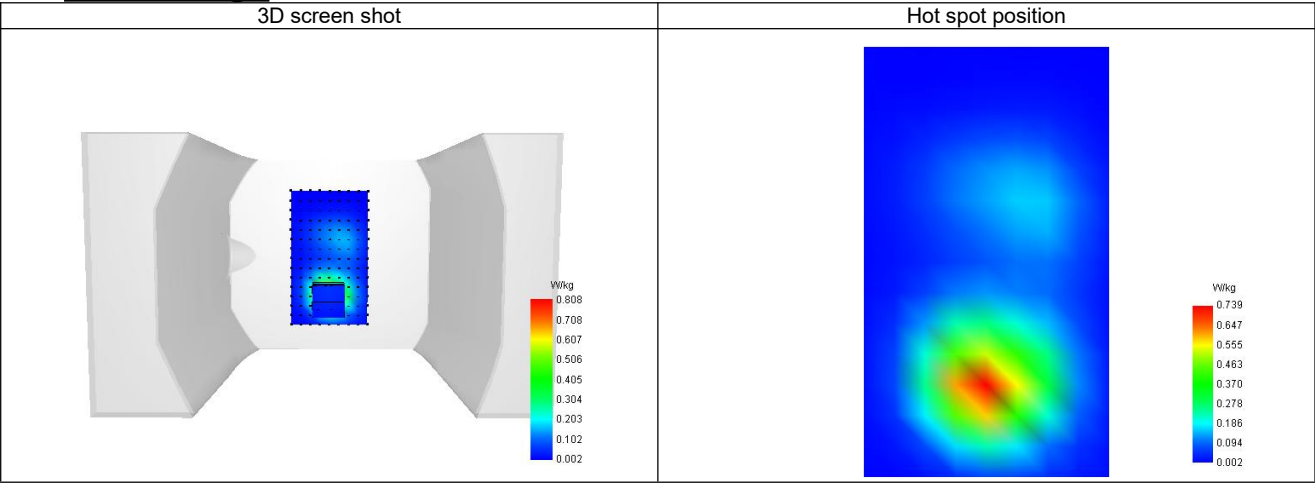
SAR 10g (W/Kg)	0.418
SAR 1g (W/Kg)	0.754
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	62.997067

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.144	0.808	0.509	0.318	0.193	0.120	0.076

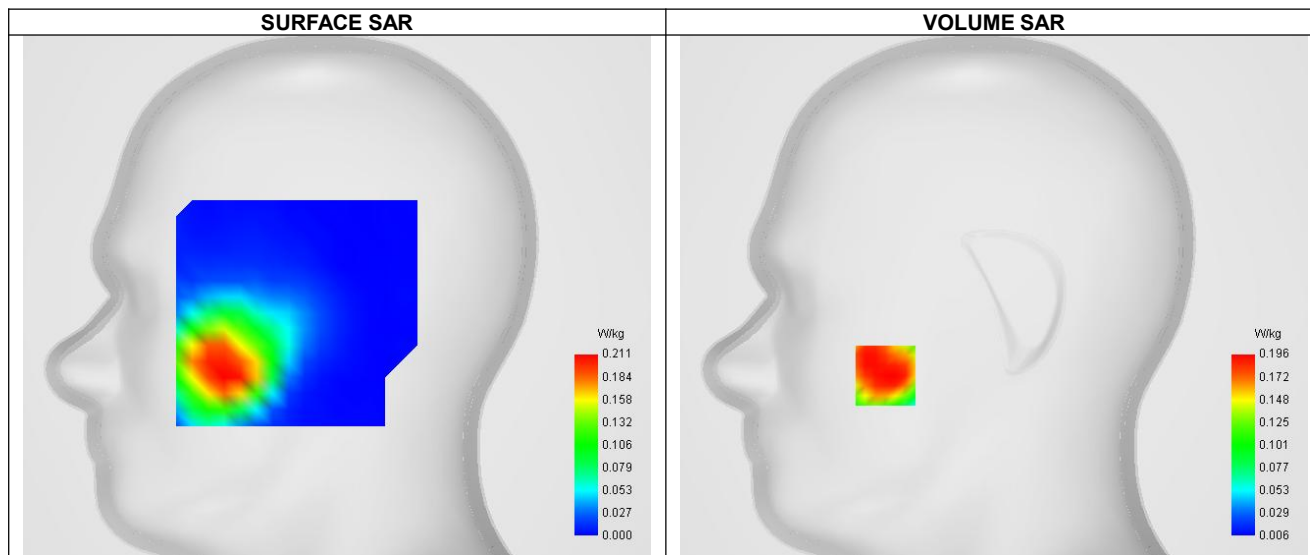


F. 3D Image



Plot 7: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-06
ConvF	5.21
Probe	SN 37/08 EP80
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 IV
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1740
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.36



Maximum location: X=-54.00, Y=-39.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

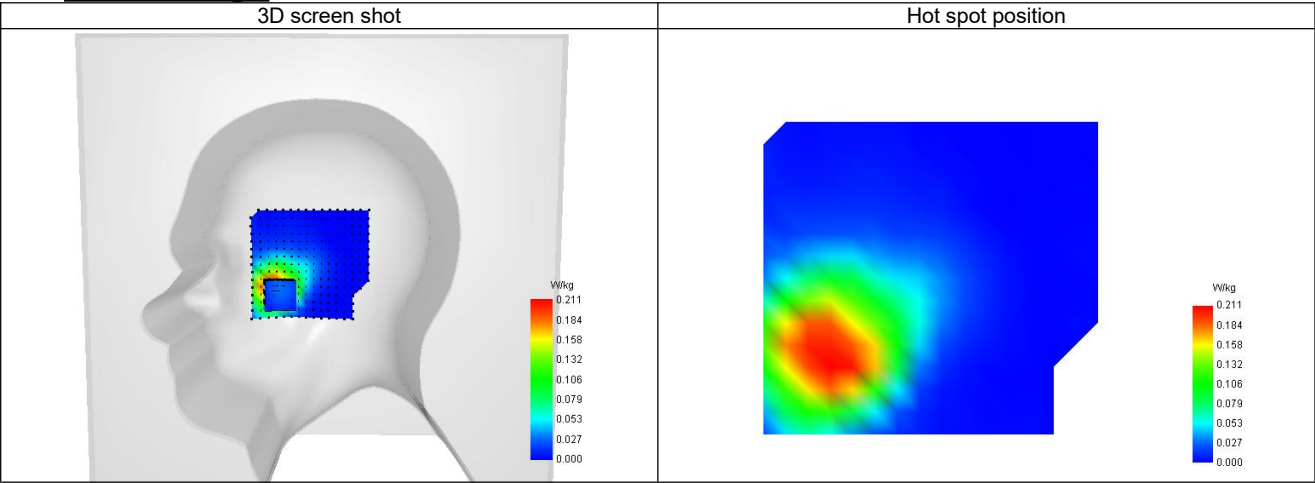
SAR 10g (W/Kg)	0.123
SAR 1g (W/Kg)	0.186
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	76.268880

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.244	0.196	0.146	0.106	0.077	0.052	0.037

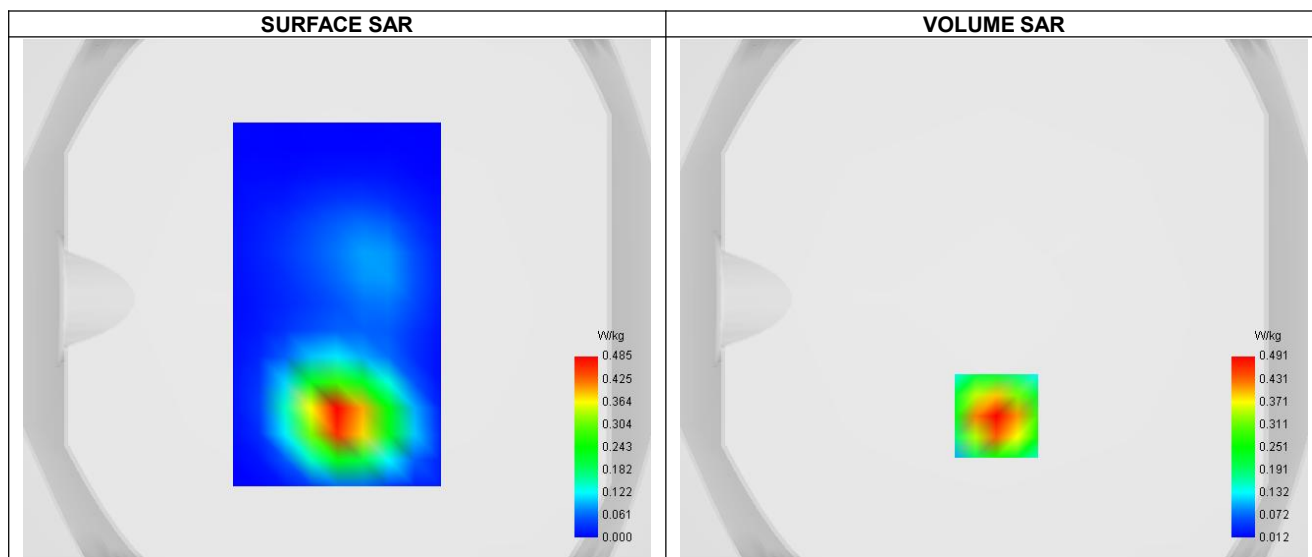


F. 3D Image



Plot 8: DUT: Smart phone; EUT Model: C26 Mini

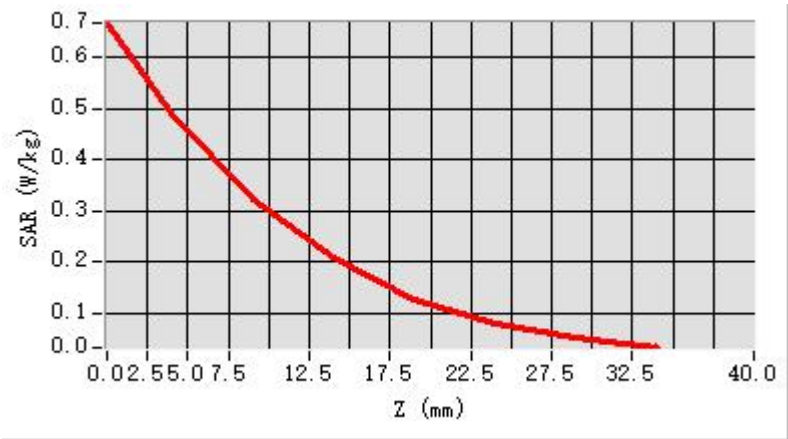
Test Date	2026-09-06
ConvF	5.21
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	WCDMA IV
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1740
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.36

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

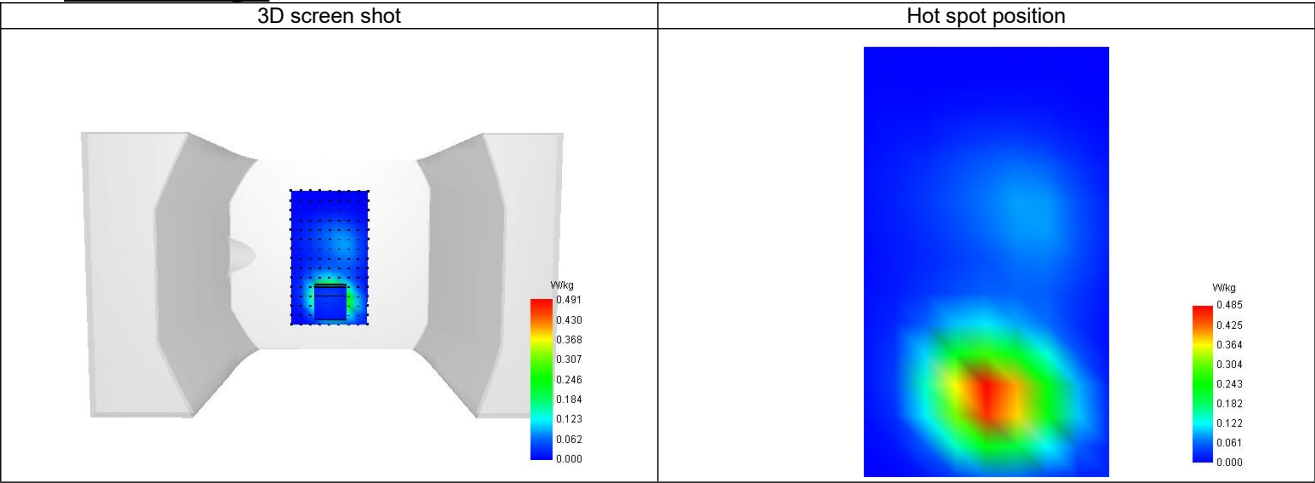
SAR 10g (W/Kg)	0.263
SAR 1g (W/Kg)	0.463
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	65.572899

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.668	0.491	0.322	0.210	0.129	0.079	0.053

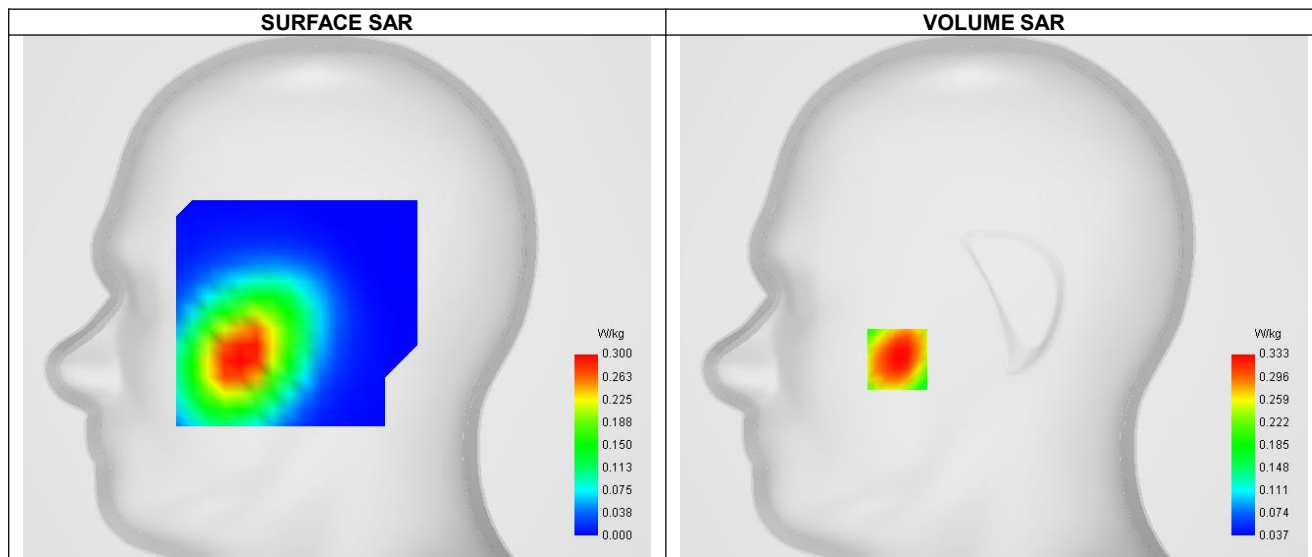


F. 3D Image



Plot 9: DUT: Smart phone; EUT Model: C26 Mini

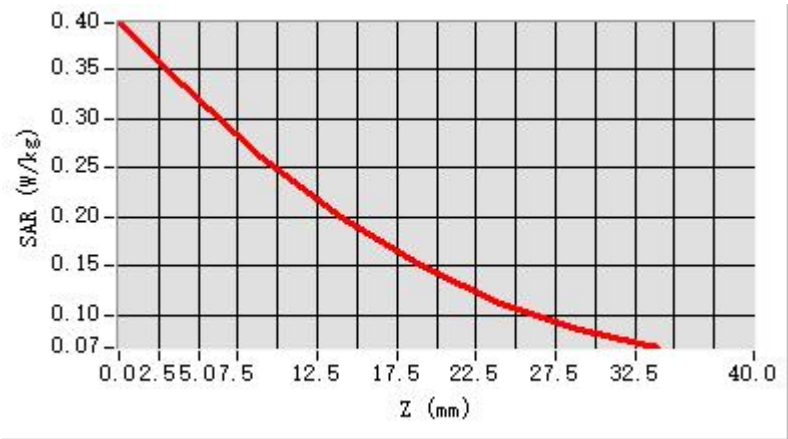
Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	846.6
Relative permittivity (real part)	42.18
Conductivity (S/m)	0.92

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

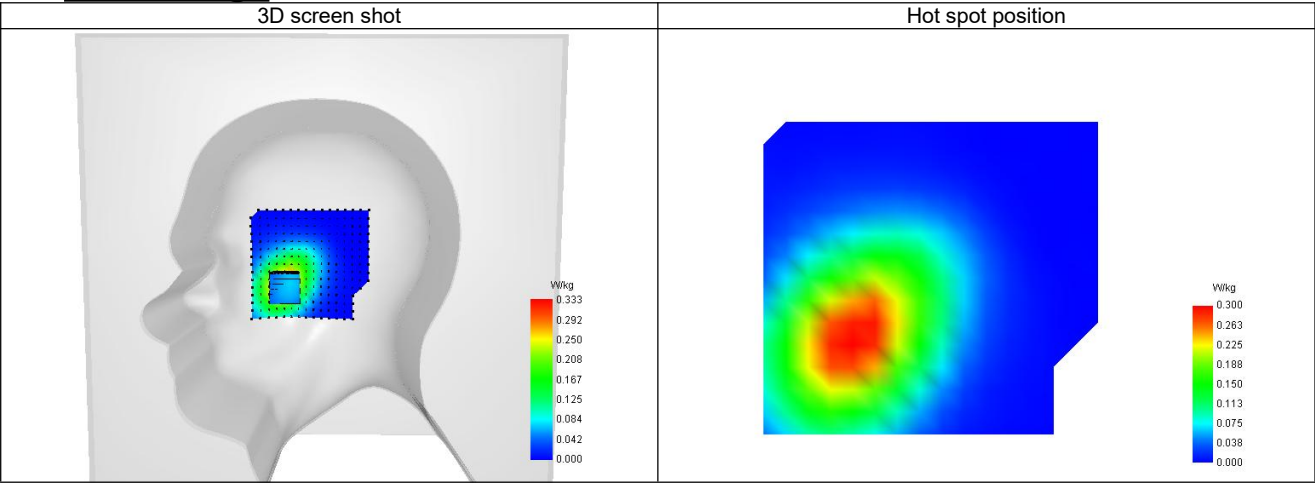
SAR 10g (W/Kg)	0.227
SAR 1g (W/Kg)	0.327
Horizontal validation criteria: minimum distance (mm)	21.213203
Vertical validation criteria: SAR ratio M2/M1 (%)	78.220430

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.397	0.333	0.261	0.199	0.150	0.113	0.086

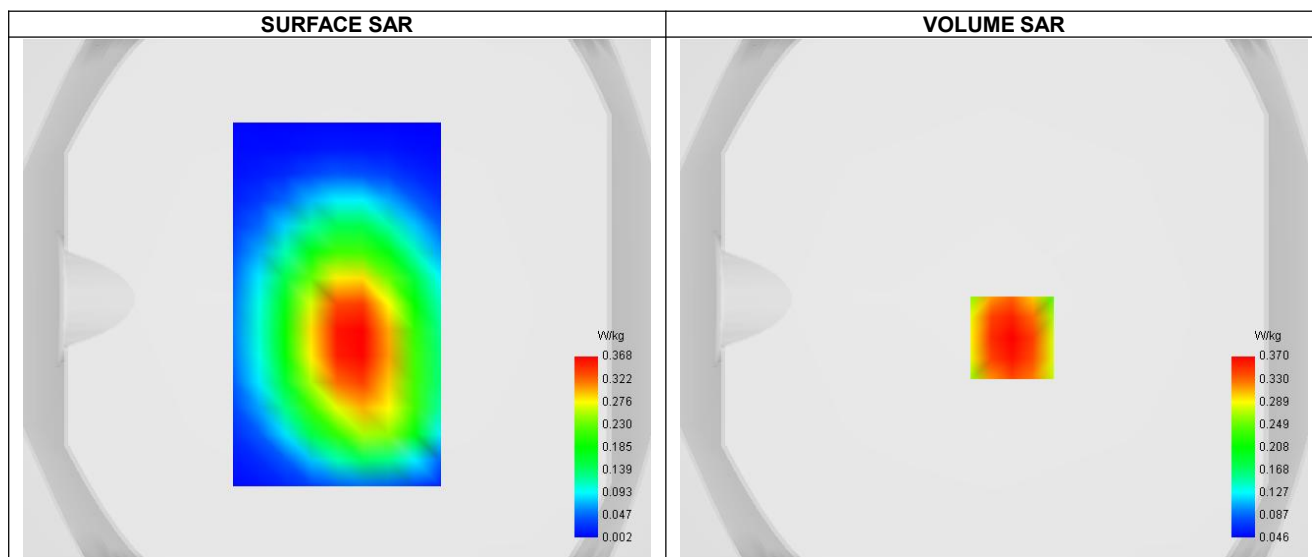


F. 3D Image



Plot 10: DUT: Smart phone; EUT Model: C26 Mini

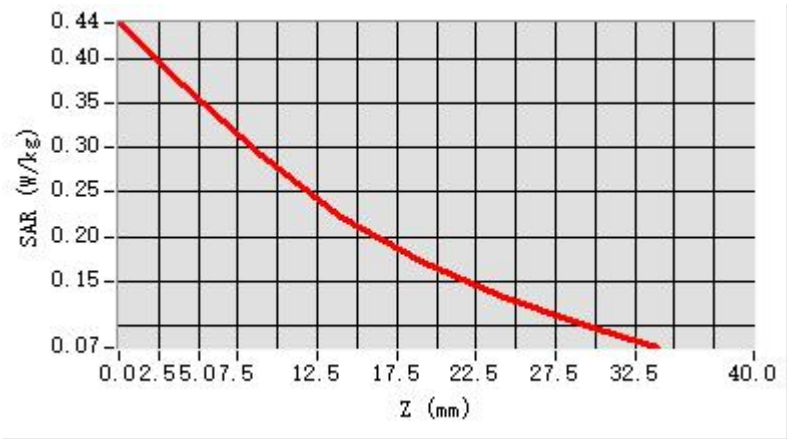
Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	846.6
Relative permittivity (real part)	42.18
Conductivity (S/m)	0.92

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

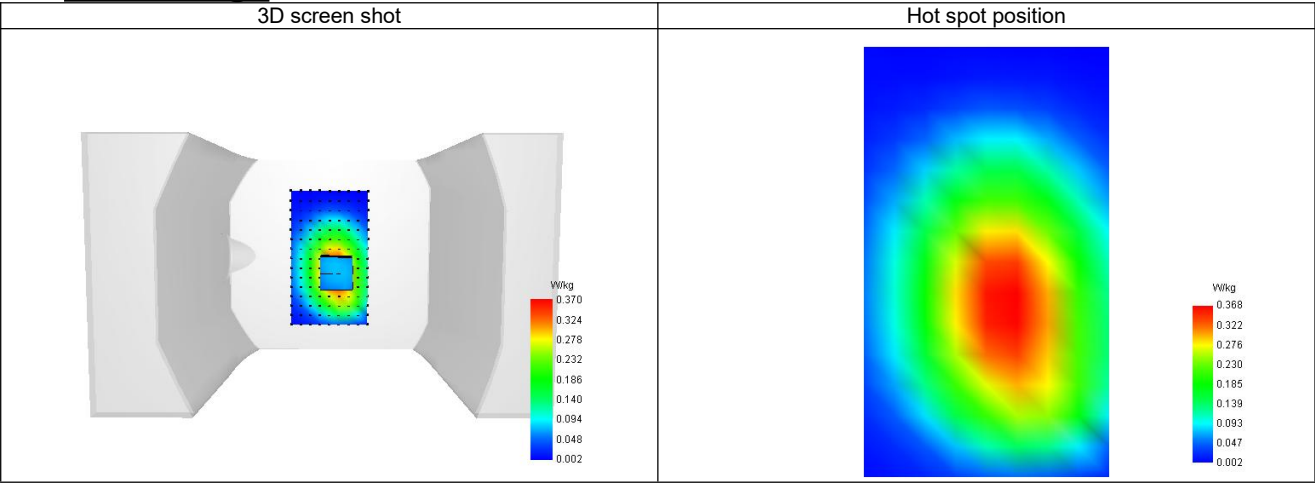
SAR 10g (W/Kg)	0.262
SAR 1g (W/Kg)	0.356
Horizontal validation criteria: minimum distance (mm)	16.584721
Vertical validation criteria: SAR ratio M2/M1 (%)	83.900226

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.441	0.370	0.291	0.222	0.173	0.132	0.103

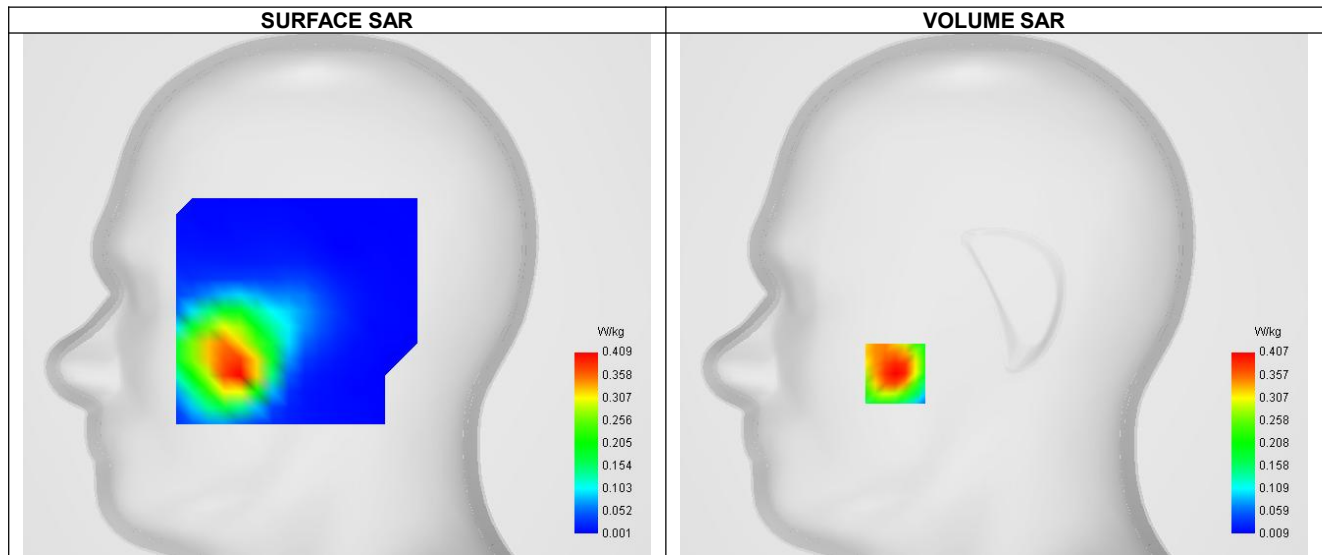


F. 3D Image



Plot 11: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.21
Probe	SN 37/08 EP80
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)	39.81
Conductivity (S/m)	1.39



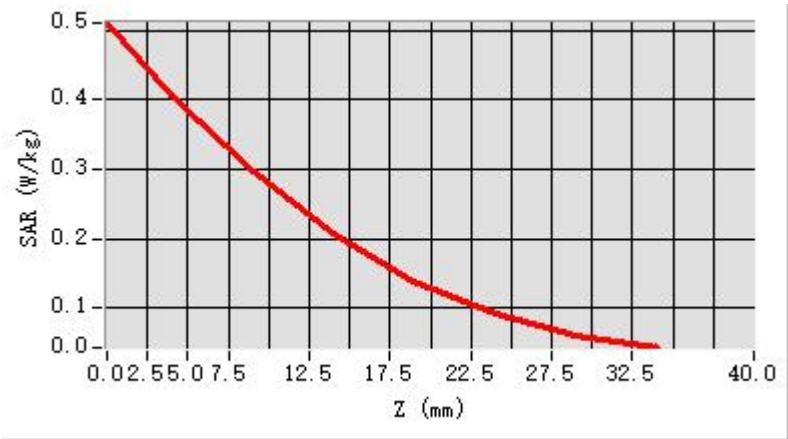
Maximum location: X=-49.00, Y=-39.00 ; SAR Peak: 0.53 W/kg

D. SAR 1g & 10g

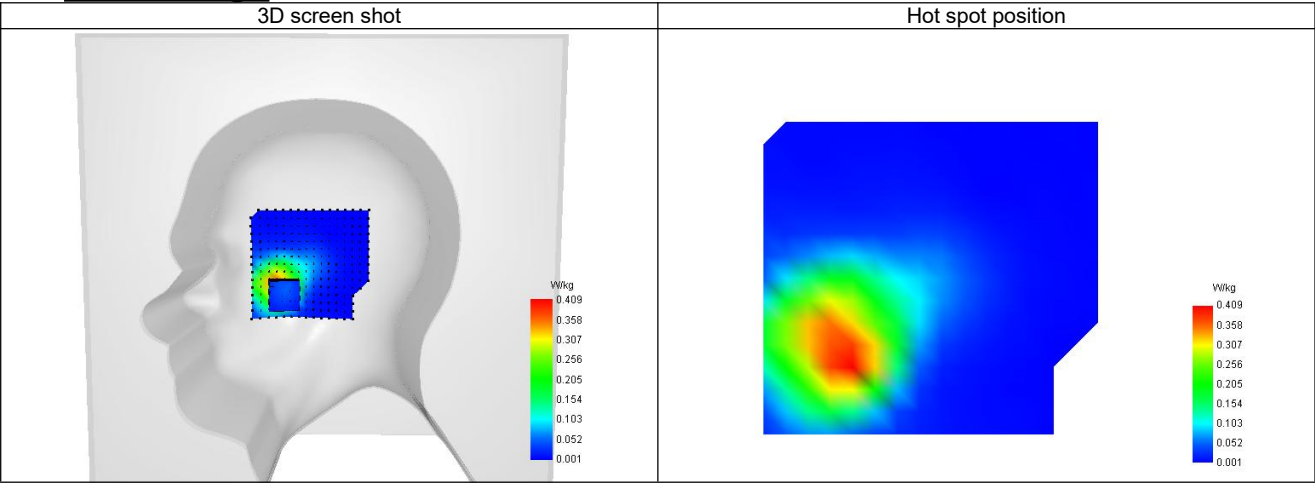
SAR 10g (W/Kg)	0.241
SAR 1g (W/Kg)	0.379
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	72.784375

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.511	0.407	0.296	0.208	0.140	0.093	0.062

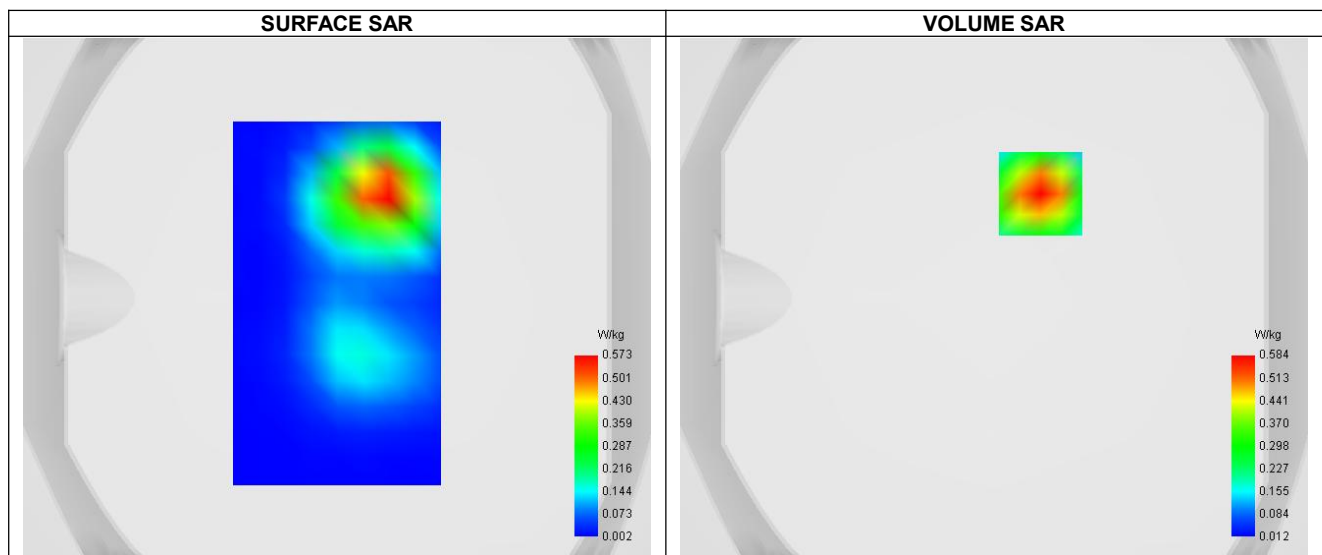


F. 3D Image



Plot 12: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.21
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 2(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1880
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.39



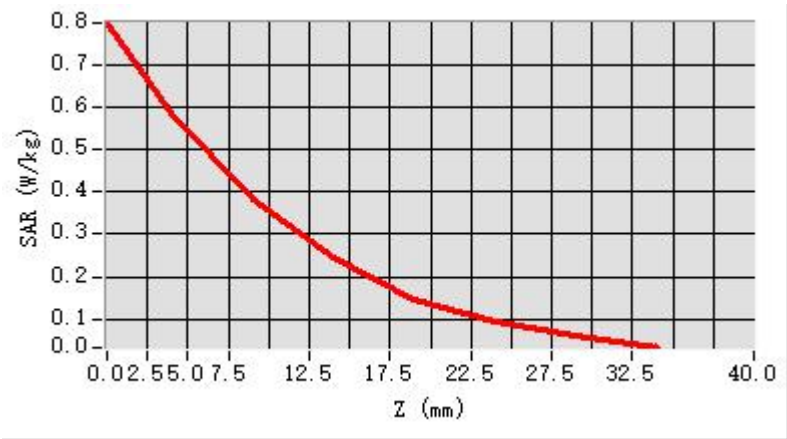
Maximum location: X=18.00, Y=40.00 ; SAR Peak: 0.81 W/kg

D. SAR 1g & 10g

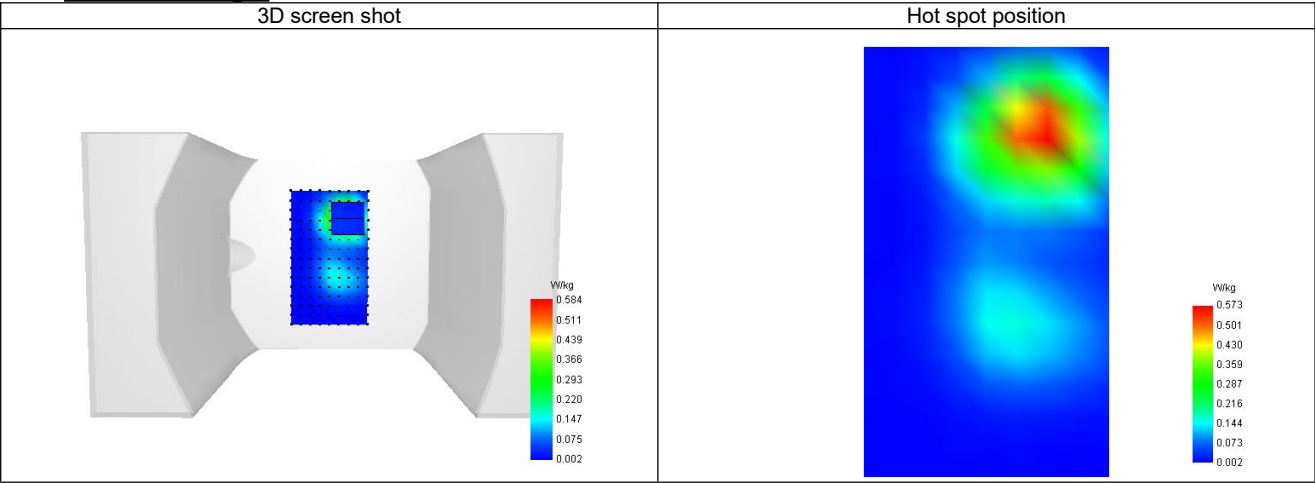
SAR 10g (W/Kg)	0.312
SAR 1g (W/Kg)	0.542
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	65.034369

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.797	0.584	0.380	0.245	0.149	0.093	0.061

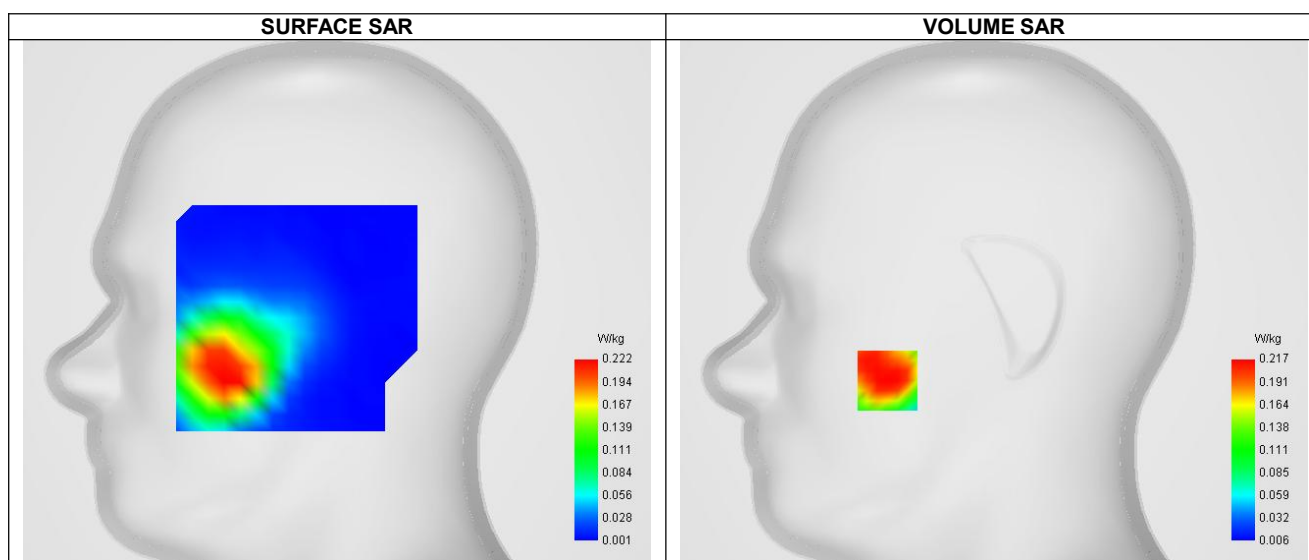


F. 3D Image



Plot 13: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-06
ConvF	5.21
Probe	SN 37/08 EP80
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)	1720
Relative permittivity (real part)	40.49
Conductivity (S/m)	1.35



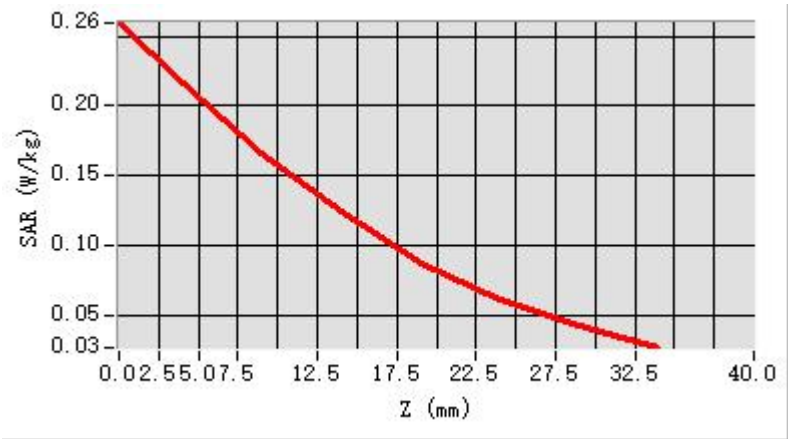
Maximum location: X=-53.00, Y=-39.00 ; SAR Peak: 0.28 W/kg

D. SAR 1g & 10g

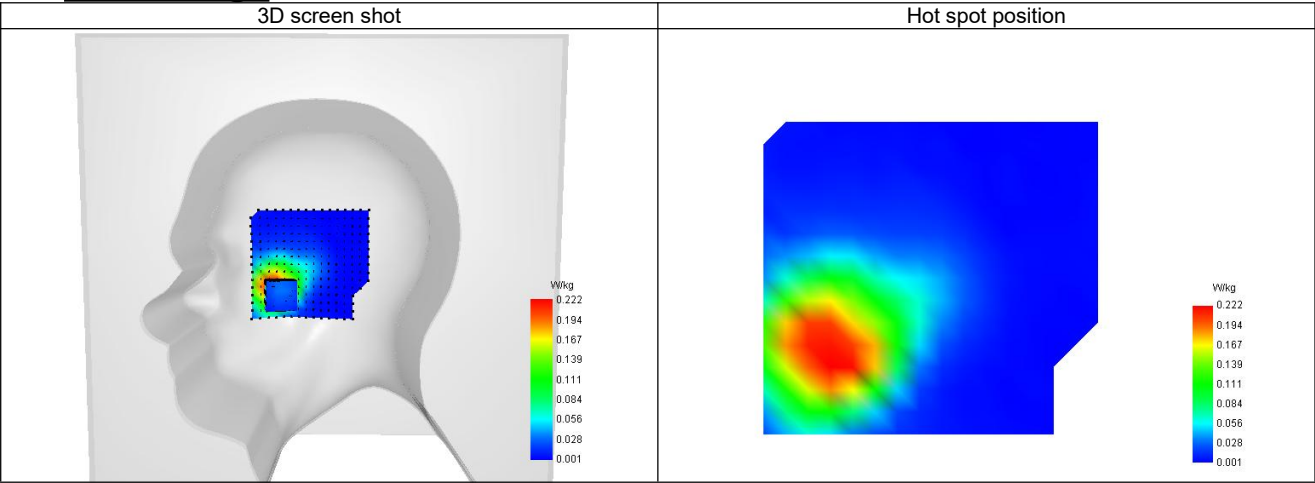
SAR 10g (W/Kg)	0.138
SAR 1g (W/Kg)	0.207
Horizontal validation criteria: minimum distance (mm)	15.811388
Vertical validation criteria: SAR ratio M2/M1 (%)	76.621376

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.260	0.217	0.166	0.125	0.087	0.061	0.042

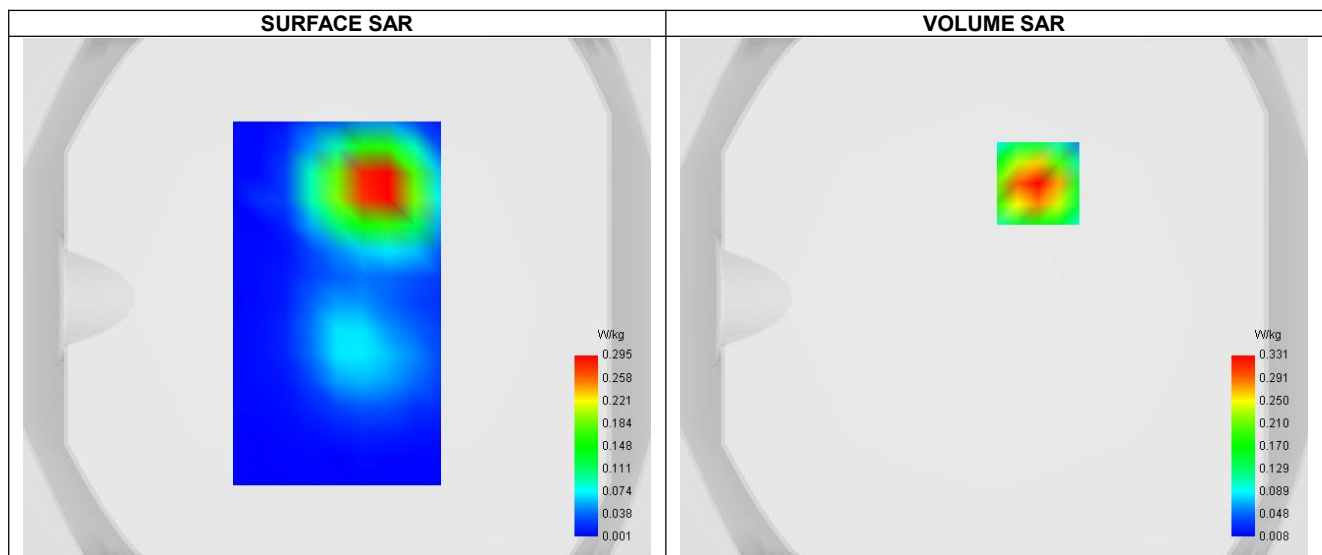


F. 3D Image



Plot 14: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-06
ConvF	5.21
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1720
Relative permittivity (real part)	40.49
Conductivity (S/m)	1.35



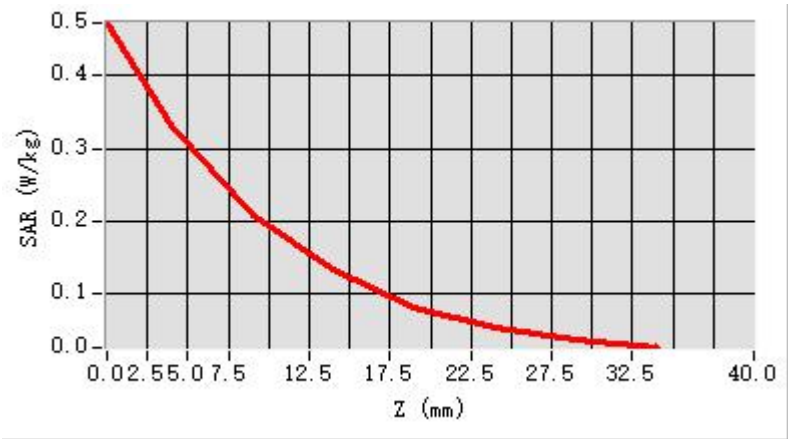
Maximum location: X=17.00, Y=44.00 ; SAR Peak: 0.47 W/kg

D. SAR 1g & 10g

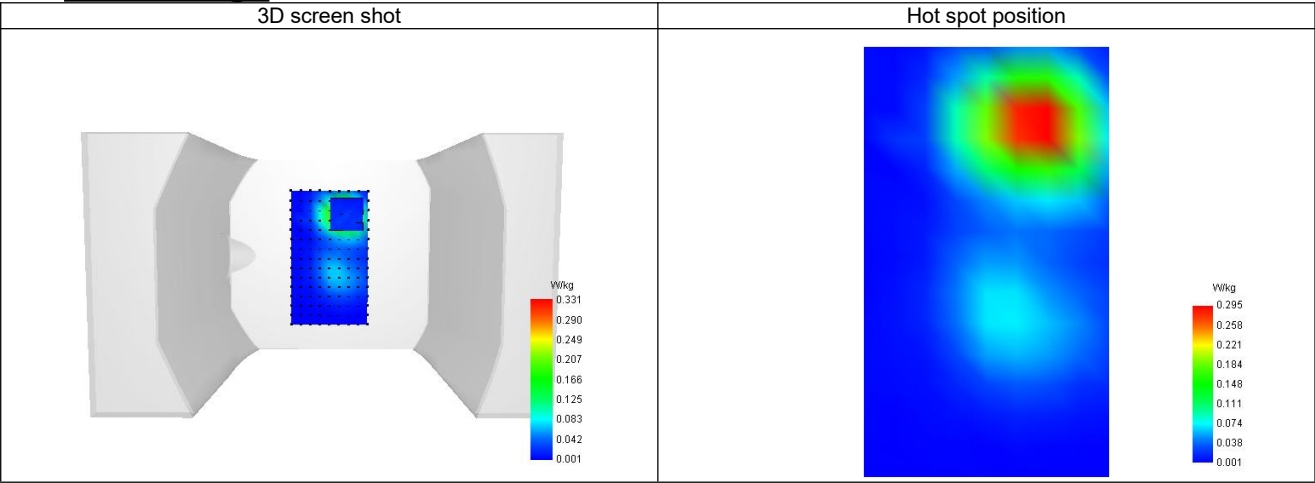
SAR 10g (W/Kg)	0.178
SAR 1g (W/Kg)	0.311
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	62.837705

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.473	0.331	0.208	0.133	0.083	0.054	0.037

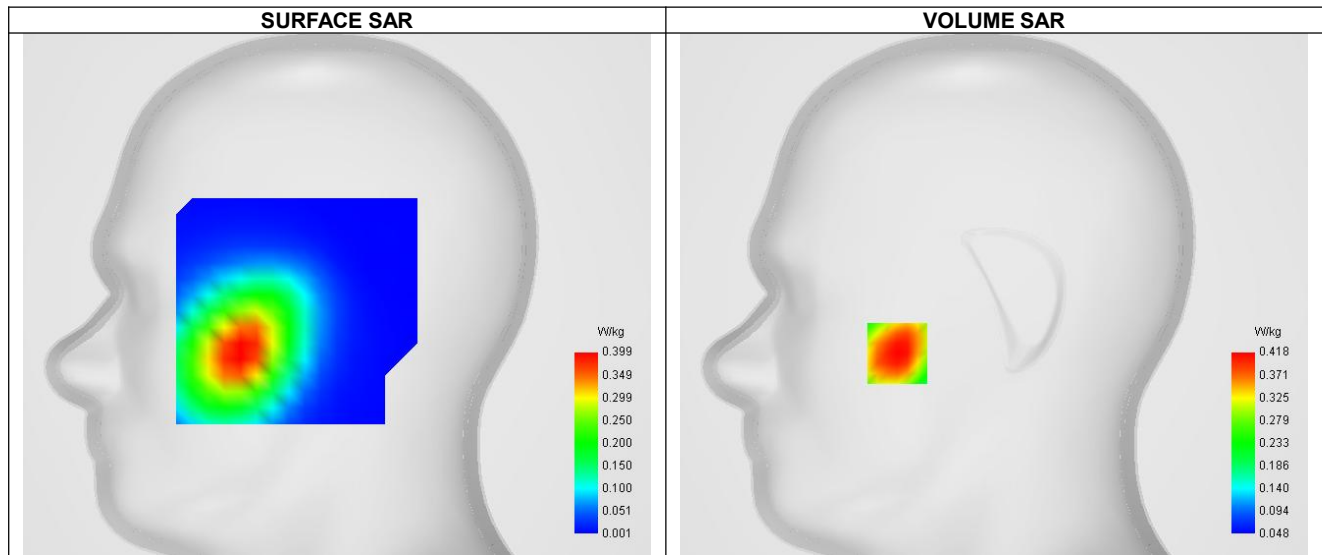


F. 3D Image



Plot 15: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
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 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	829
Relative permittivity (real part)	42.37
Conductivity (S/m)	0.90



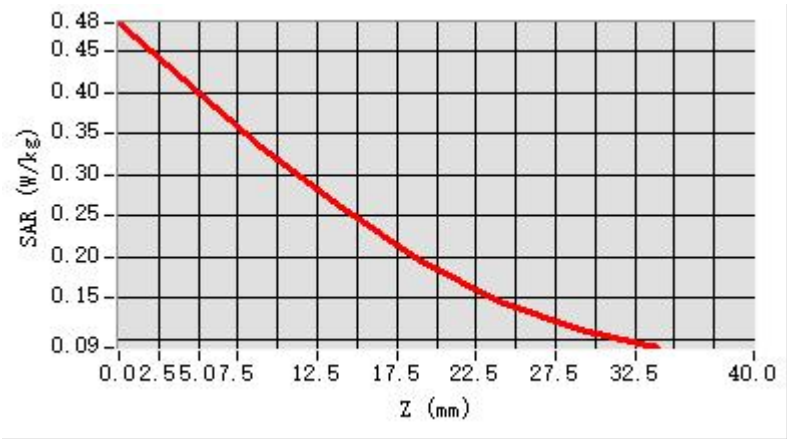
Maximum location: X=-48.00, Y=-29.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

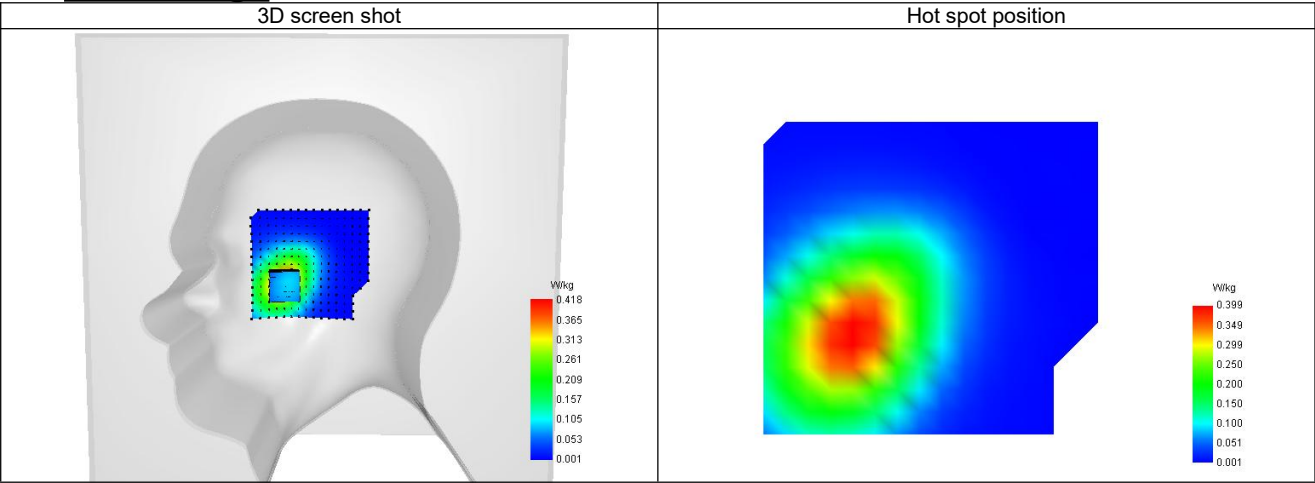
SAR 10g (W/Kg)	0.287
SAR 1g (W/Kg)	0.396
Horizontal validation criteria: minimum distance (mm)	21.213203
Vertical validation criteria: SAR ratio M2/M1 (%)	79.822561

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.485	0.417	0.333	0.260	0.195	0.145	0.113

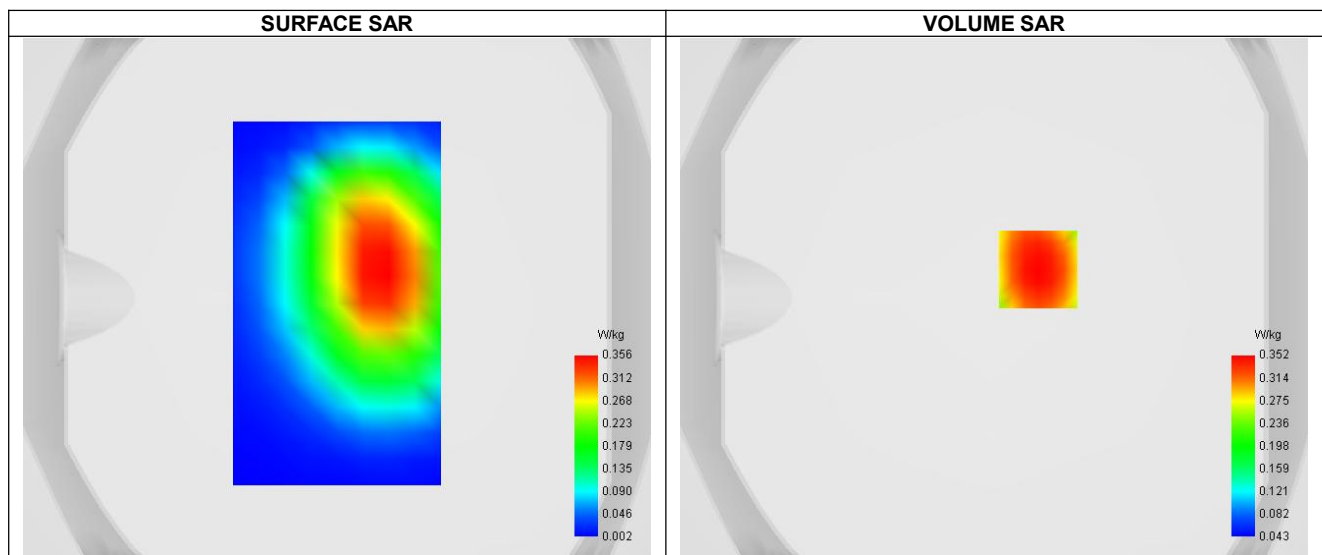


F. 3D Image



Plot 16: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	829
Relative permittivity (real part)	42.37
Conductivity (S/m)	0.90



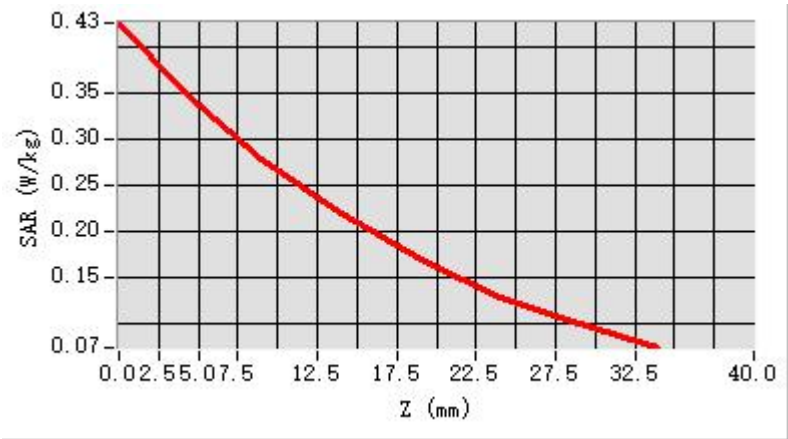
Maximum location: X=17.00, Y=11.00 ; SAR Peak: 0.43 W/kg

D. SAR 1g & 10g

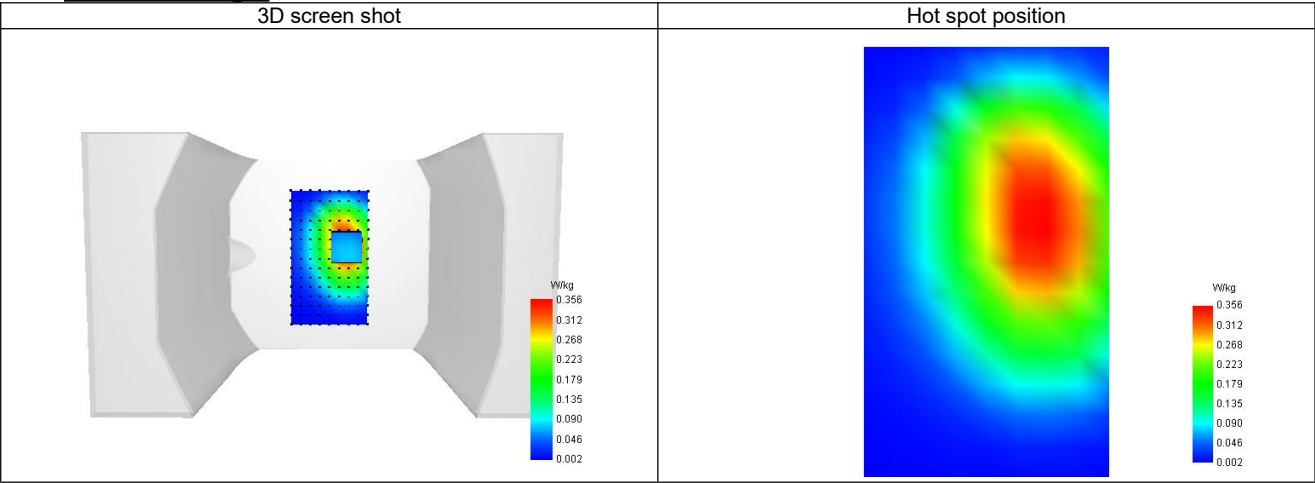
SAR 10g (W/Kg)	0.248
SAR 1g (W/Kg)	0.339
Horizontal validation criteria: minimum distance (mm)	16.857423
Vertical validation criteria: SAR ratio M2/M1 (%)	82.823529

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.425	0.352	0.277	0.218	0.170	0.129	0.099

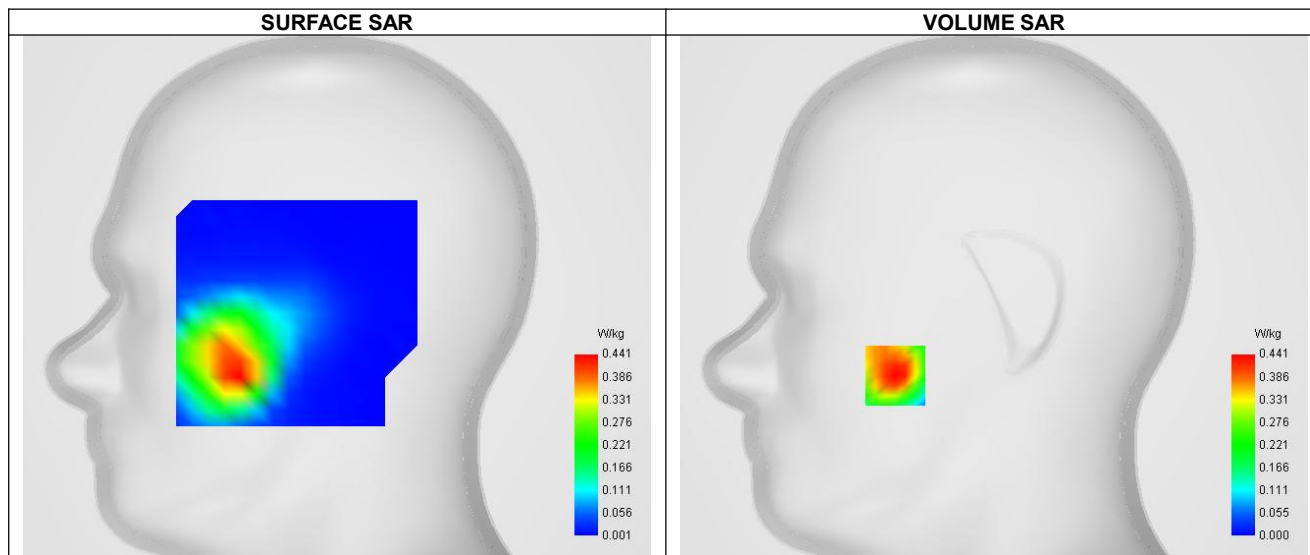


F. 3D Image



Plot 17: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-08
ConvF	4.74
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2535
Relative permittivity (real part)	39.41
Conductivity (S/m)	1.90



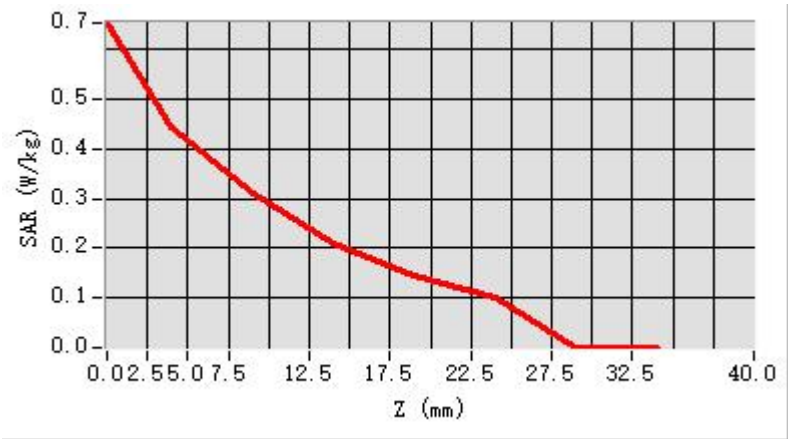
Maximum location: X=-49.00, Y=-39.00 ; SAR Peak: 0.65 W/kg

D. SAR 1g & 10g

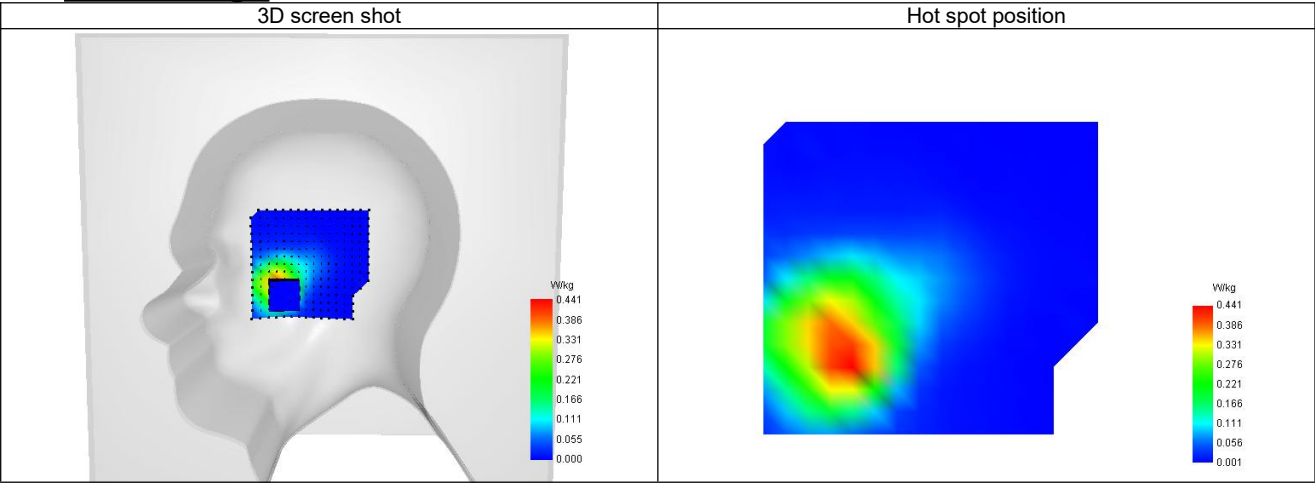
SAR 10g (W/Kg)	0.259
SAR 1g (W/Kg)	0.436
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	70.662040

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.652	0.441	0.312	0.211	0.148	0.100	0.002

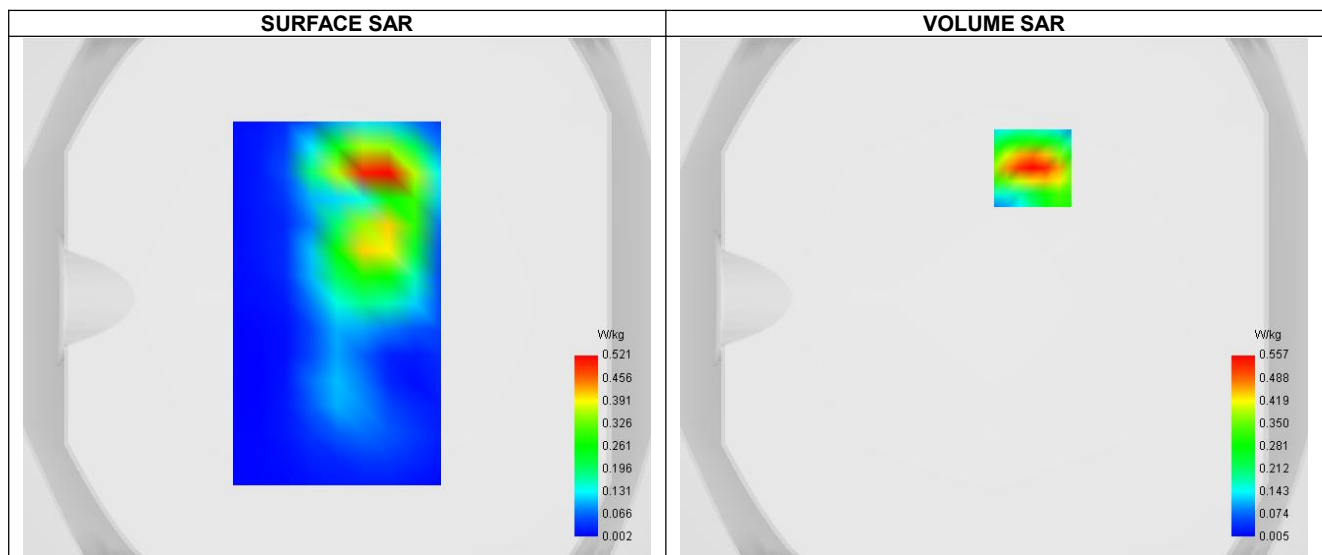


F. 3D Image



Plot 18: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-08
ConvF	4.74
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2535
Relative permittivity (real part)	39.41
Conductivity (S/m)	1.90



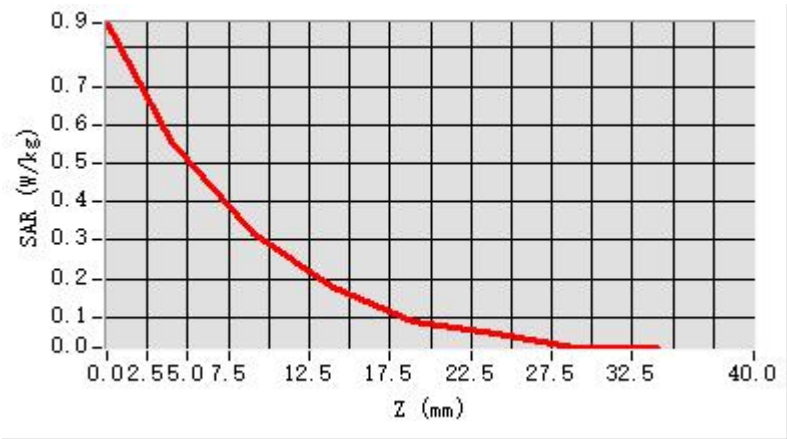
Maximum location: X=15.00, Y=50.00 ; SAR Peak: 0.86 W/kg

D. SAR 1g & 10g

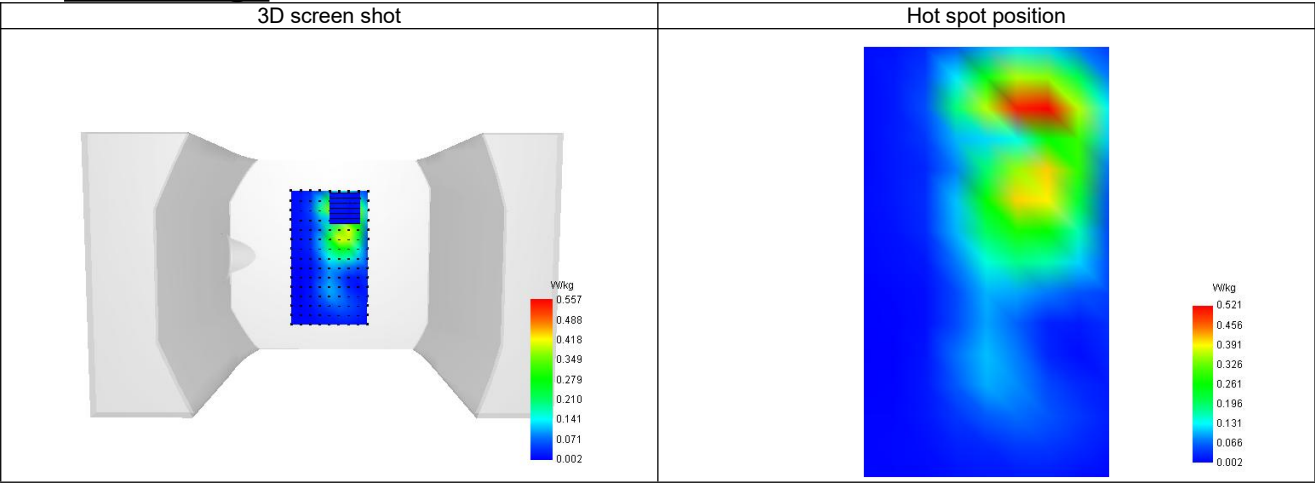
SAR 10g (W/Kg)	0.248
SAR 1g (W/Kg)	0.499
Horizontal validation criteria: minimum distance (mm)	10.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.576404

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.864	0.557	0.315	0.177	0.091	0.059	0.022

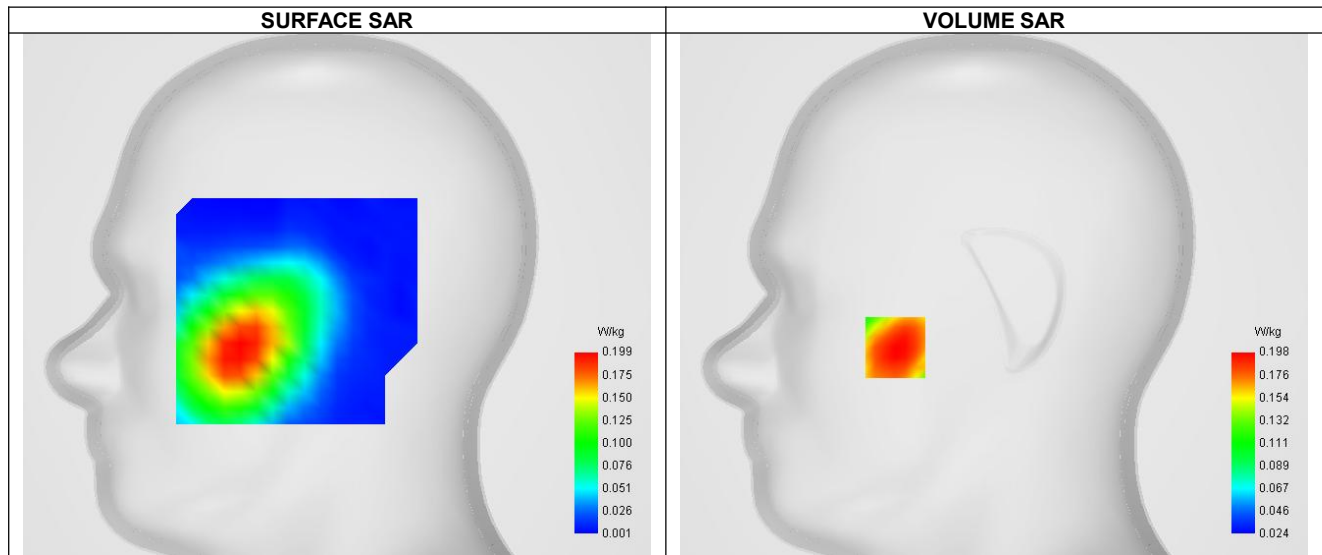


F. 3D Image



Plot 19: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-04
ConvF	6.68
Probe	SN 37/08 EP80
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 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	42.66
Conductivity (S/m)	0.90



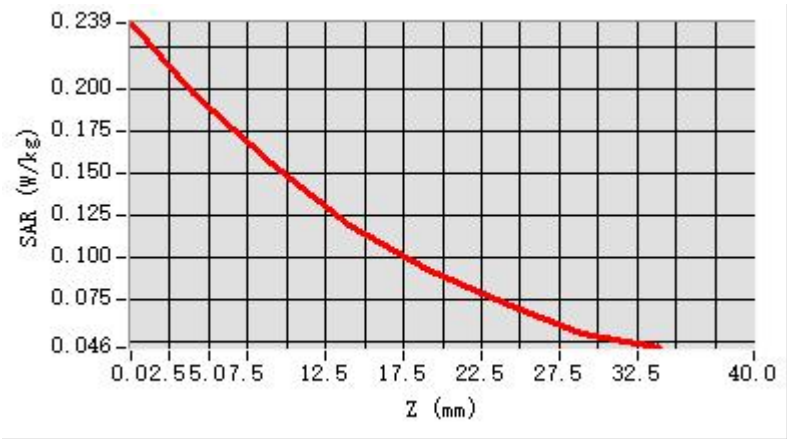
Maximum location: X=-49.00, Y=-26.00 ; SAR Peak: 0.24 W/kg

D. SAR 1g & 10g

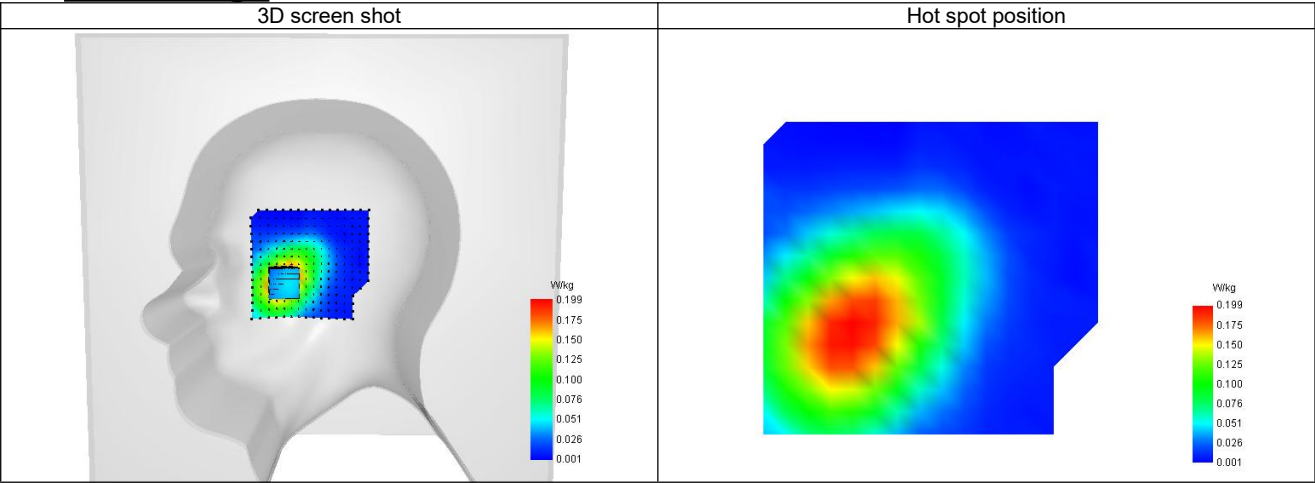
SAR 10g (W/Kg)	0.140
SAR 1g (W/Kg)	0.190
Horizontal validation criteria: minimum distance (mm)	15.332684
Vertical validation criteria: SAR ratio M2/M1 (%)	82.845188

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.239	0.198	0.156	0.119	0.093	0.072	0.055

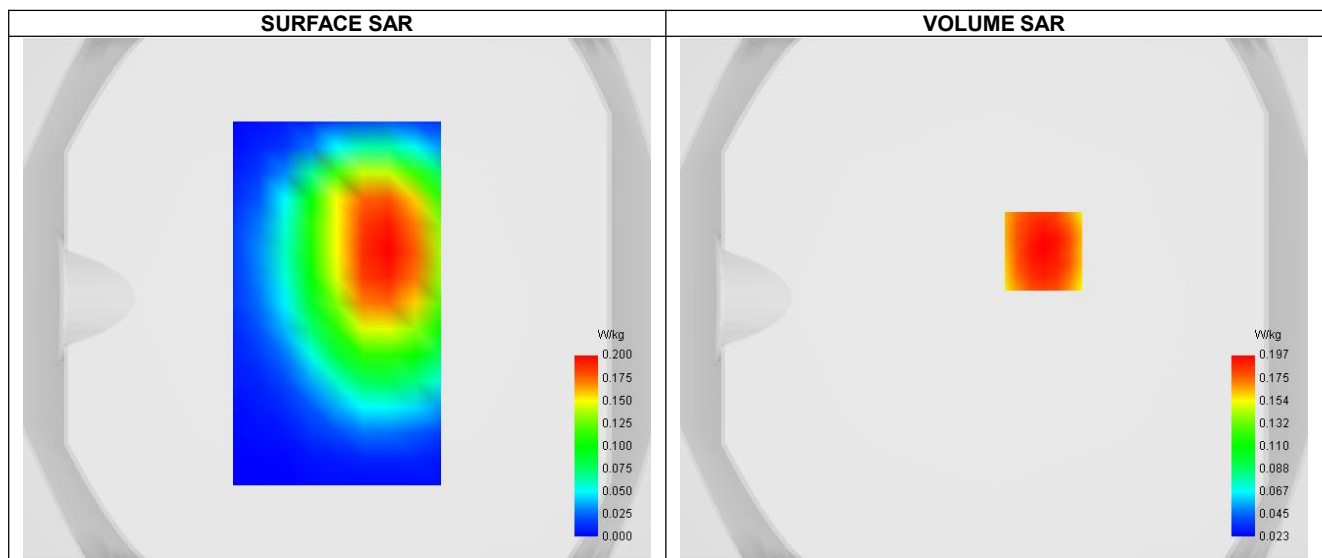


F. 3D Image



Plot 20: DUT: Smart phone; EUT Model: C26 Mini

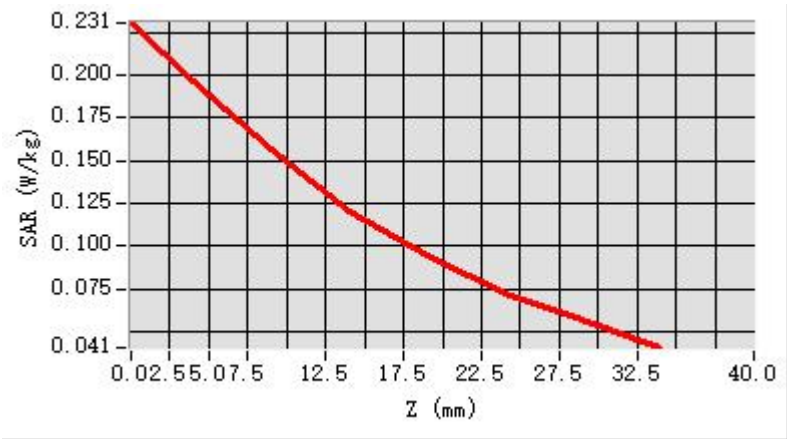
Test Date	2026-09-04
ConvF	6.68
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	42.66
Conductivity (S/m)	0.90

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

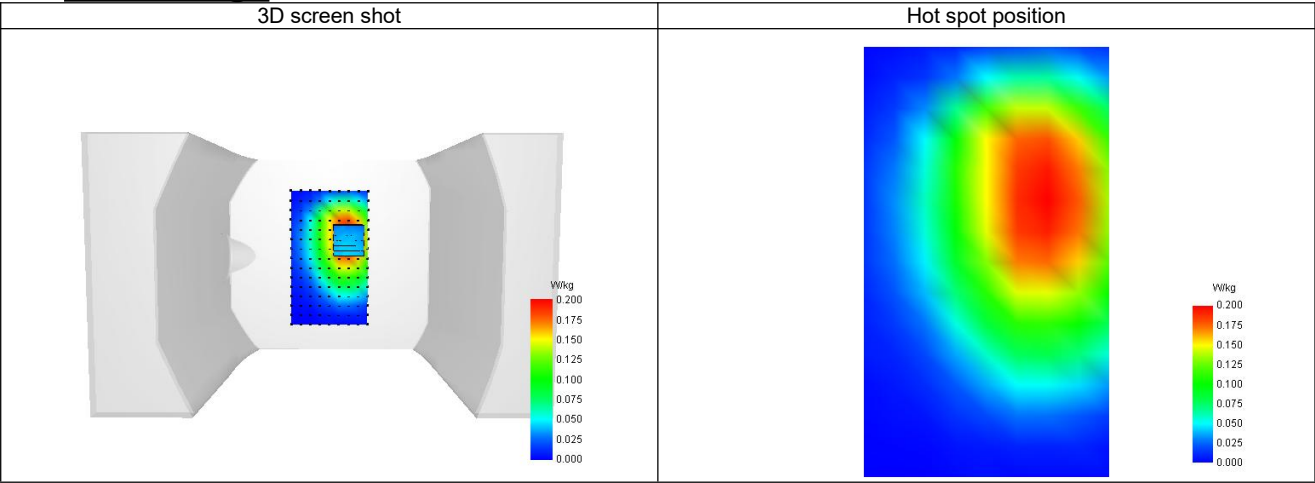
SAR 10g (W/Kg)	0.141
SAR 1g (W/Kg)	0.188
Horizontal validation criteria: minimum distance (mm)	13.574875
Vertical validation criteria: SAR ratio M2/M1 (%)	85.281385

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.231	0.197	0.157	0.120	0.094	0.072	0.057

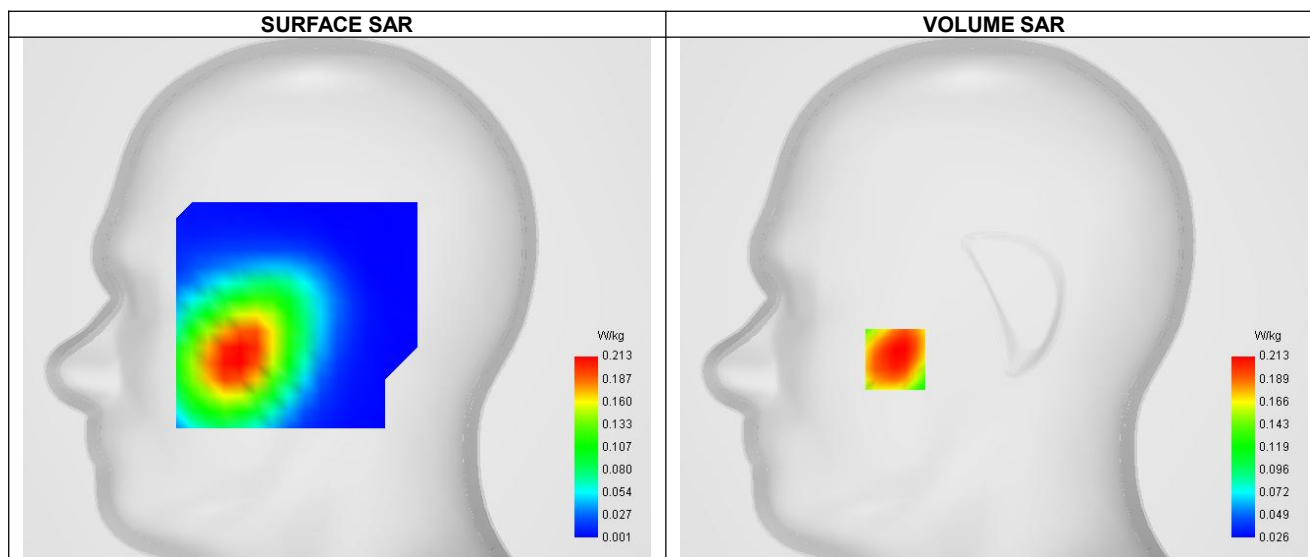


F. 3D Image



Plot 21: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-04
ConvF	6.68
Probe	SN 37/08 EP80
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 17 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	709
Relative permittivity (real part)	42.87
Conductivity (S/m)	0.89



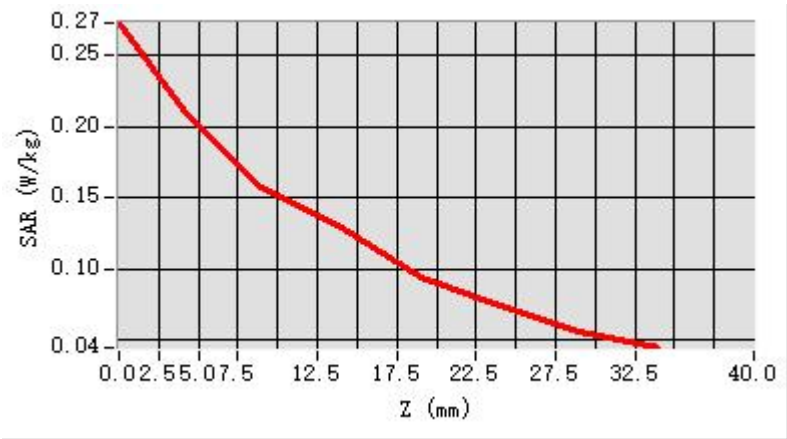
Maximum location: X=-49.00, Y=-30.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

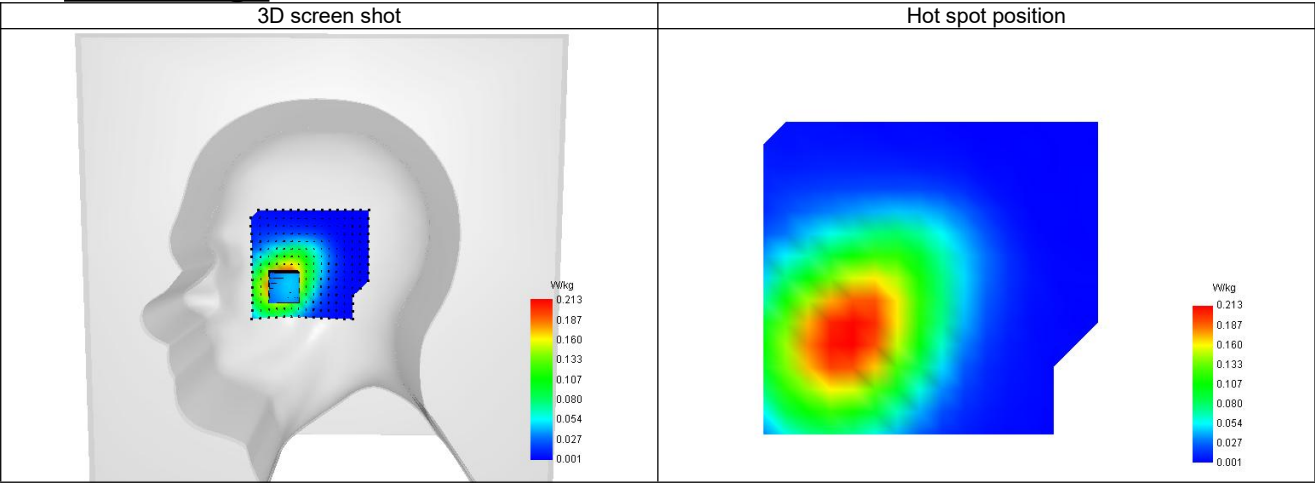
SAR 10g (W/Kg)	0.147
SAR 1g (W/Kg)	0.204
Horizontal validation criteria: minimum distance (mm)	14.698752
Vertical validation criteria: SAR ratio M2/M1 (%)	78.021978

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.273	0.213	0.157	0.129	0.093	0.074	0.055

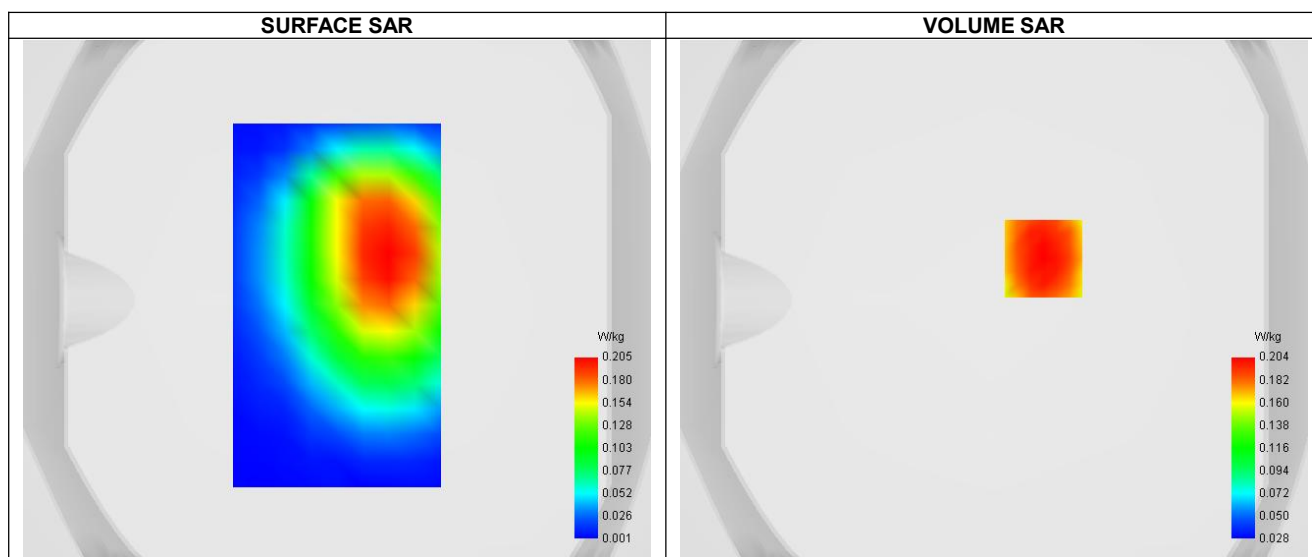


F. 3D Image



Plot 22: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-04
ConvF	6.68
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 17 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	709
Relative permittivity (real part)	42.87
Conductivity (S/m)	0.89



Maximum location: X=19.00, Y=16.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

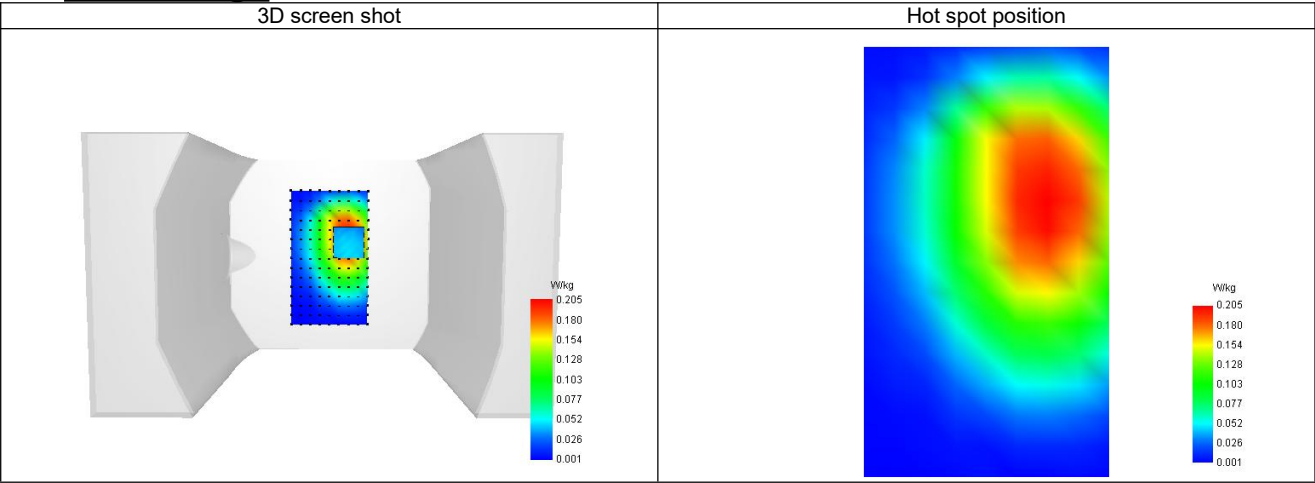
SAR 10g (W/Kg)	0.144
SAR 1g (W/Kg)	0.195
Horizontal validation criteria: minimum distance (mm)	15.889625
Vertical validation criteria: SAR ratio M2/M1 (%)	84.297520

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.242	0.204	0.162	0.126	0.100	0.077	0.062

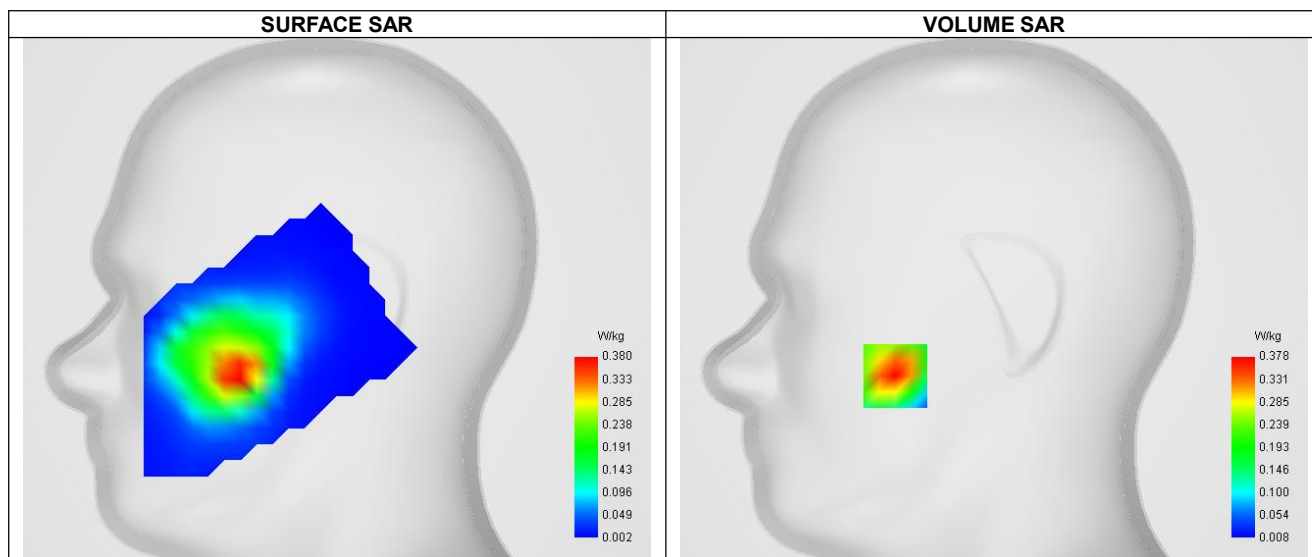


F. 3D Image



Plot 23: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.21
Probe	SN 37/08 EP80
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 25 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1882.5
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.39



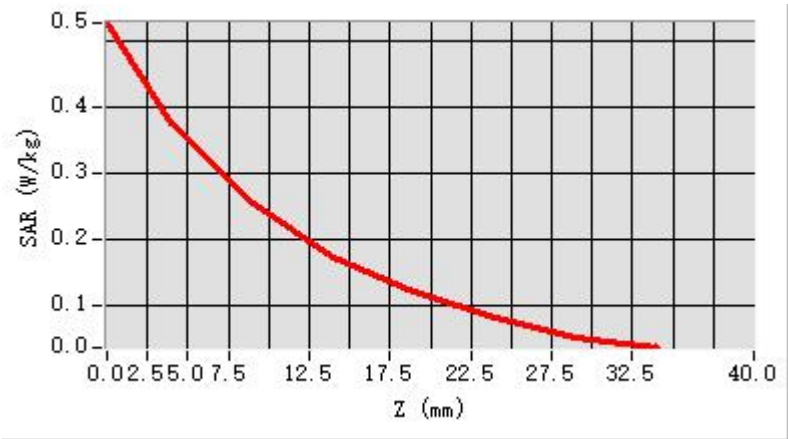
Maximum location: X=-49.00, Y=-38.00 ; SAR Peak: 0.53 W/kg

D. SAR 1g & 10g

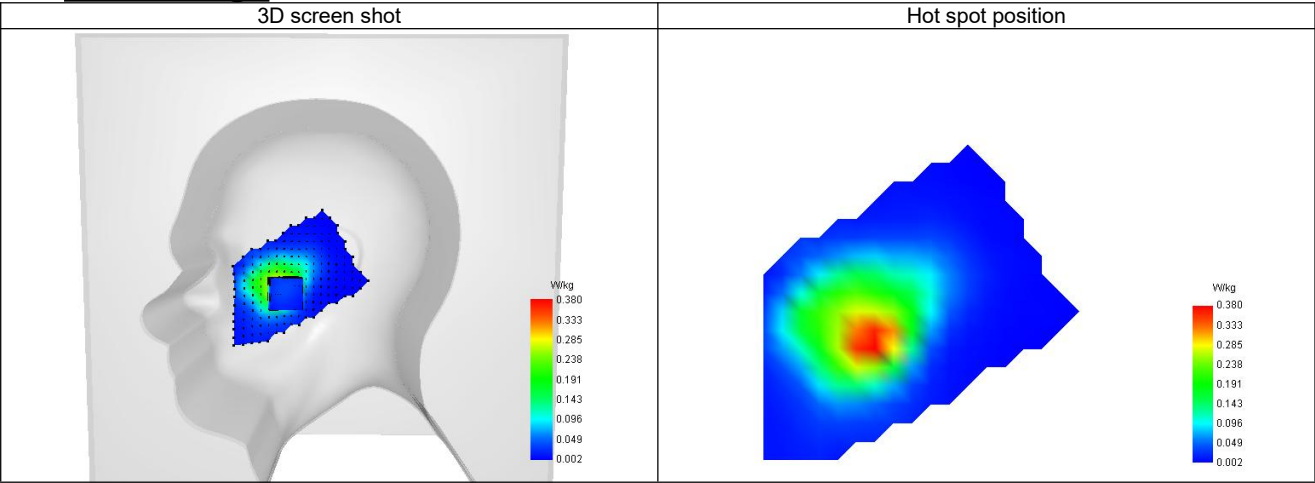
SAR 10g (W/Kg)	0.215
SAR 1g (W/Kg)	0.357
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	67.151378

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.528	0.378	0.254	0.172	0.120	0.081	0.051

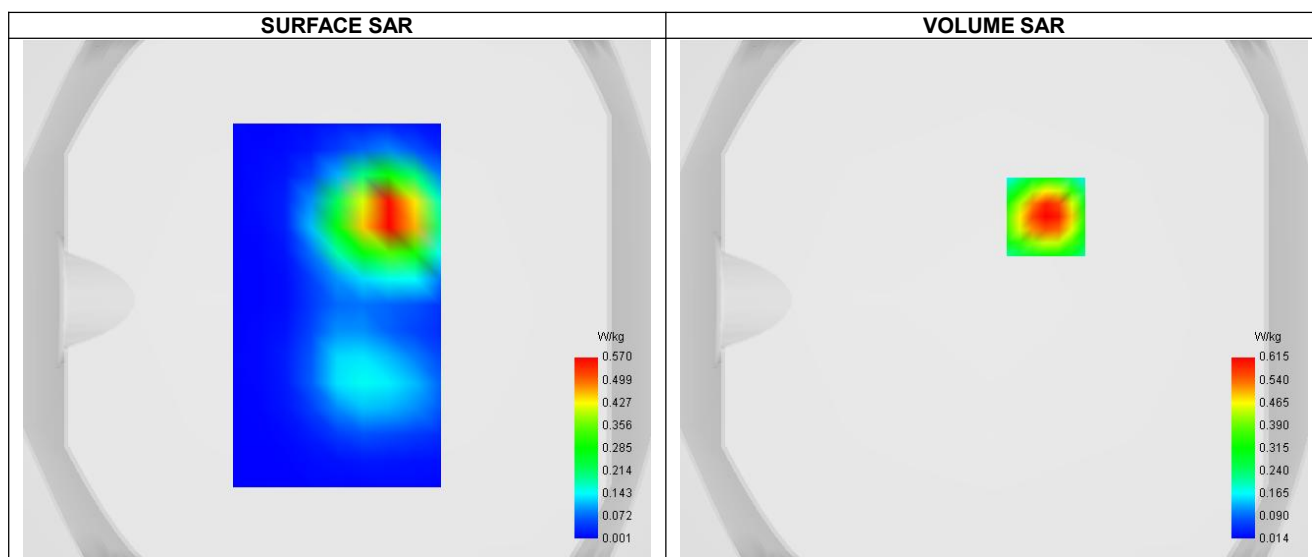


F. 3D Image



Plot 24: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-07
ConvF	5.21
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 25 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1882.5
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.39



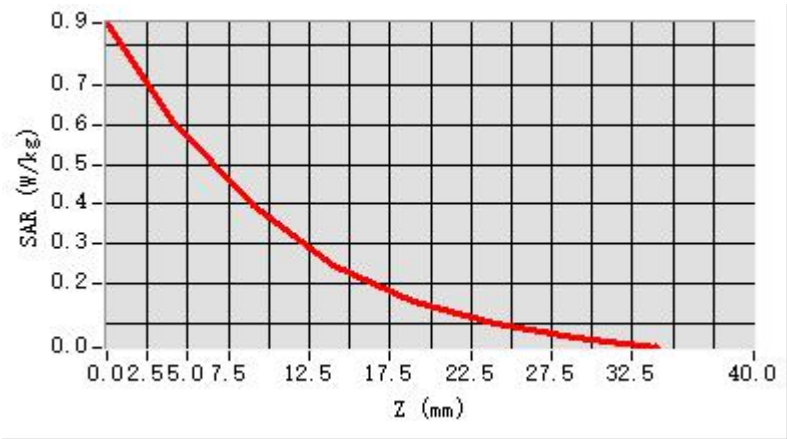
Maximum location: X=20.00, Y=32.00 ; SAR Peak: 0.89 W/kg

D. SAR 1g & 10g

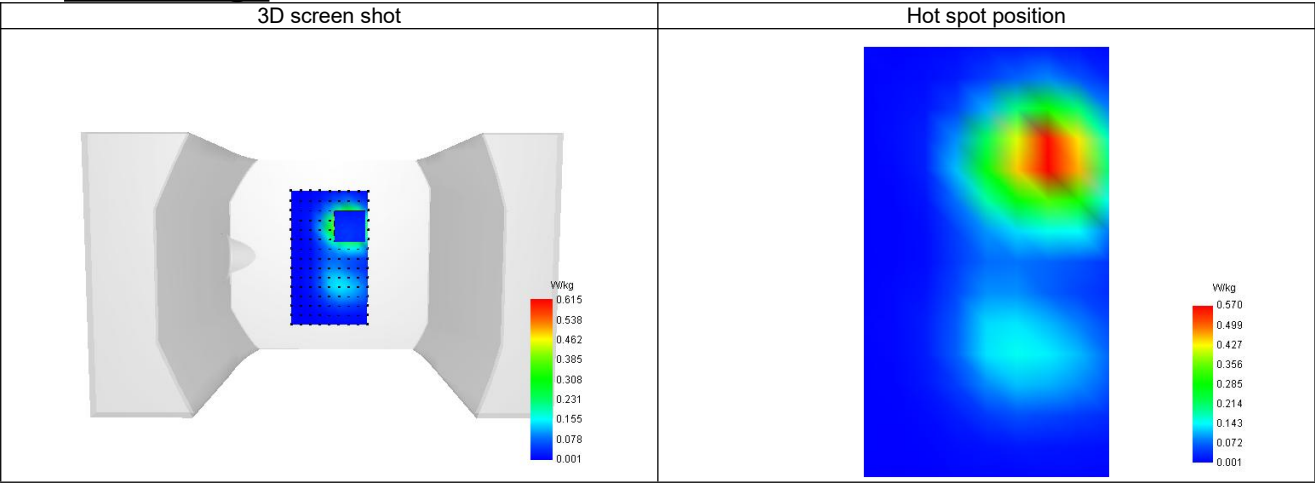
SAR 10g (W/Kg)	0.326
SAR 1g (W/Kg)	0.571
Horizontal validation criteria: minimum distance (mm)	15.811388
Vertical validation criteria: SAR ratio M2/M1 (%)	64.592013

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.856	0.615	0.397	0.248	0.157	0.098	0.063

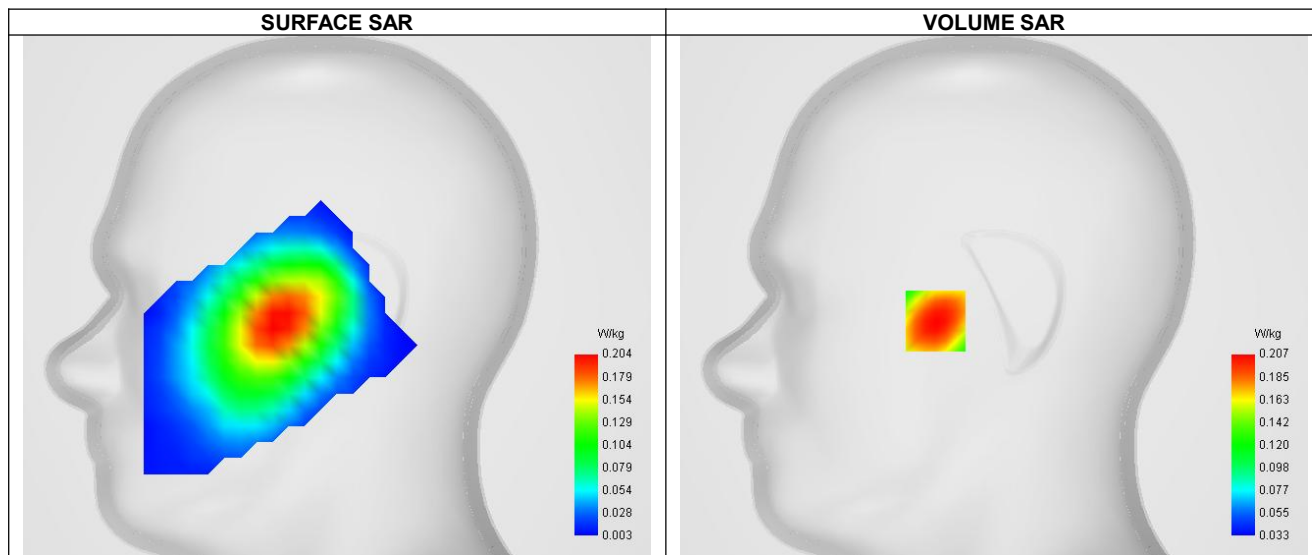


F. 3D Image



Plot 25: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
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 26A (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	819
Relative permittivity (real part)	42.41
Conductivity (S/m)	0.91



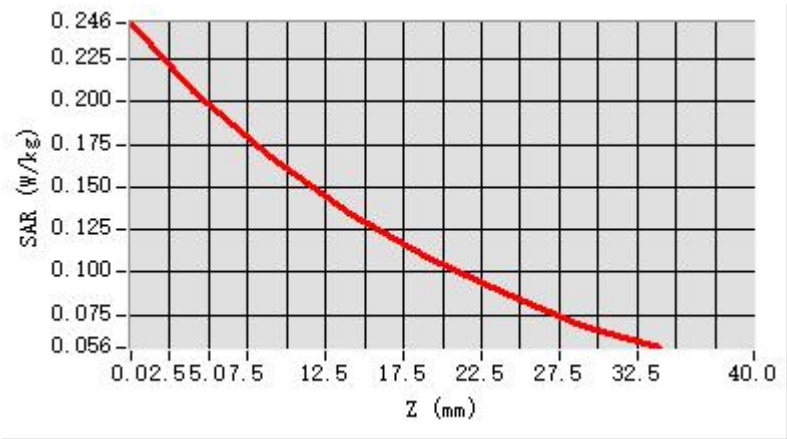
Maximum location: X=-29.00, Y=-12.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

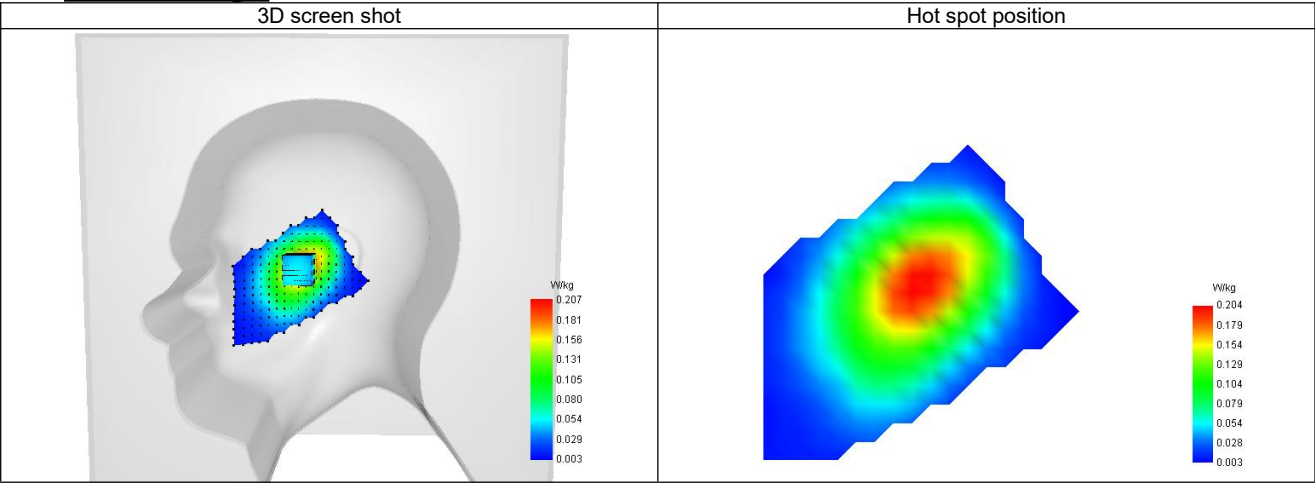
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.199
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.246	0.207	0.168	0.135	0.109	0.088	0.069

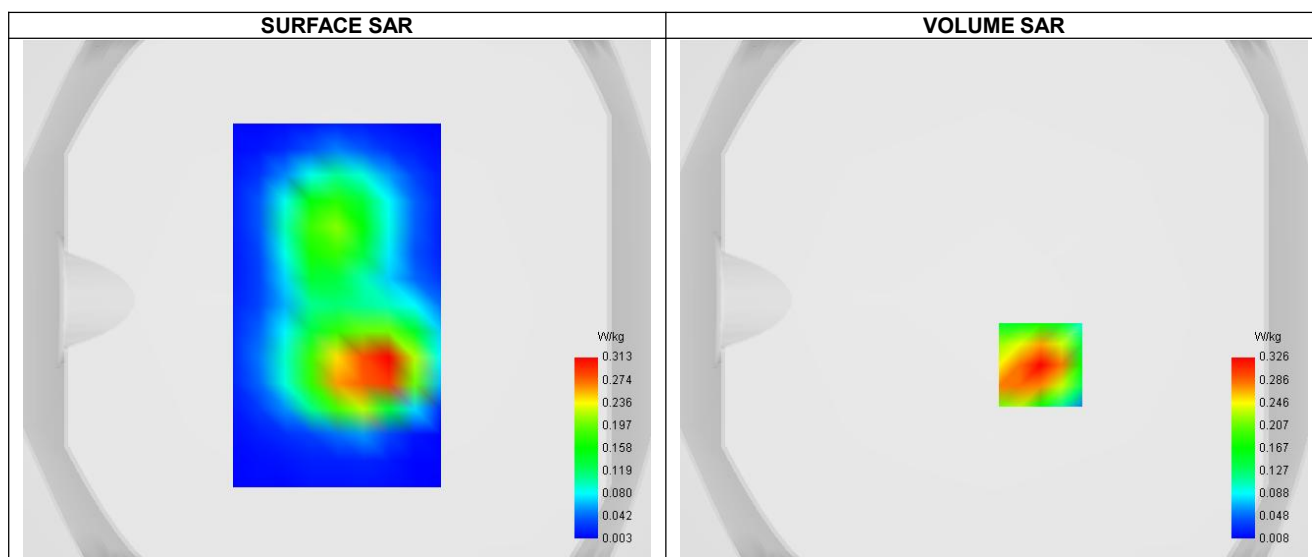


F. 3D Image



Plot 26: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 26A (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	819
Relative permittivity (real part)	42.41
Conductivity (S/m)	0.91



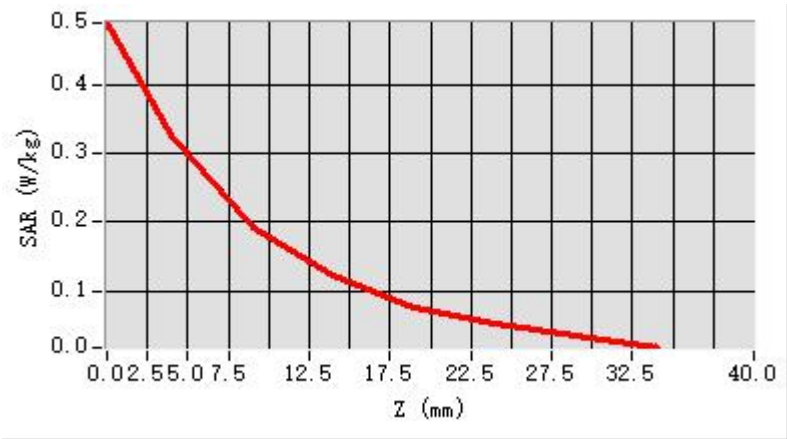
Maximum location: X=18.00, Y=-25.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

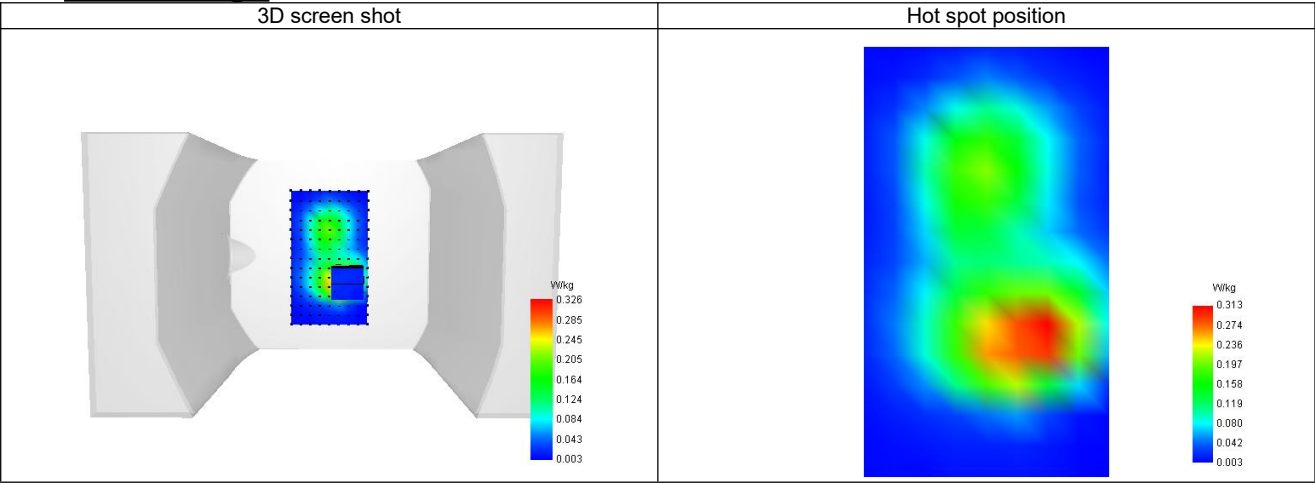
SAR 10g (W/Kg)	0.172
SAR 1g (W/Kg)	0.304
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	59.080851

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.489	0.326	0.192	0.122	0.076	0.052	0.036

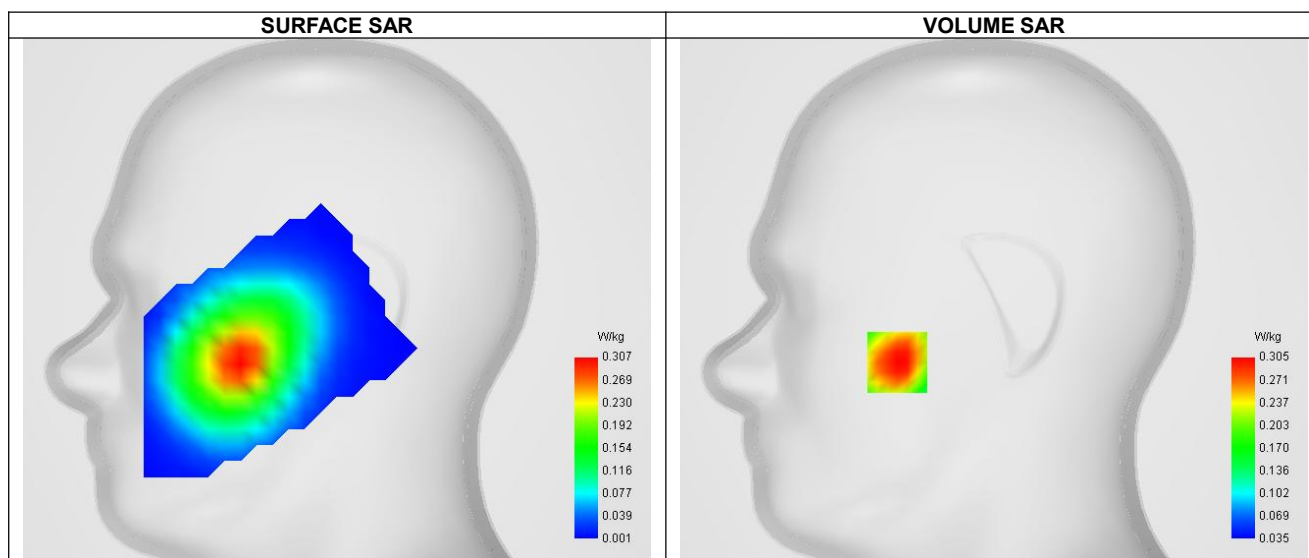


F. 3D Image



Plot 27: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
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 26 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	831.5
Relative permittivity (real part)	41.98
Conductivity (S/m)	0.90



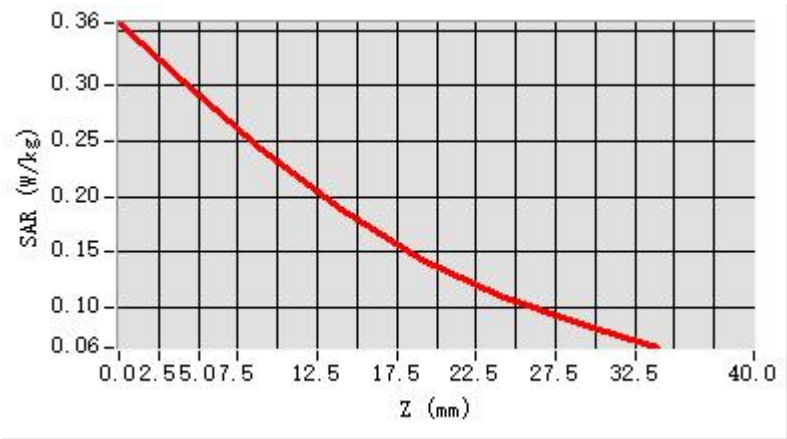
Maximum location: X=-48.00, Y=-31.00 ; SAR Peak: 0.36 W/kg

D. SAR 1g & 10g

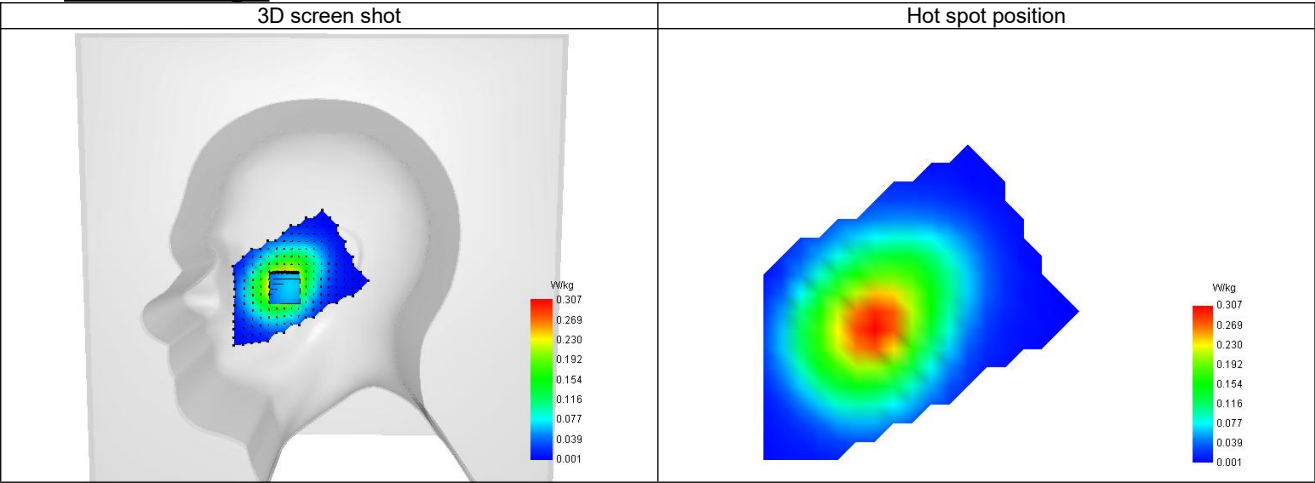
SAR 10g (W/Kg)	0.210
SAR 1g (W/Kg)	0.290
Horizontal validation criteria: minimum distance (mm)	21.213203
Vertical validation criteria: SAR ratio M2/M1 (%)	79.532353

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.357	0.305	0.242	0.188	0.144	0.110	0.085

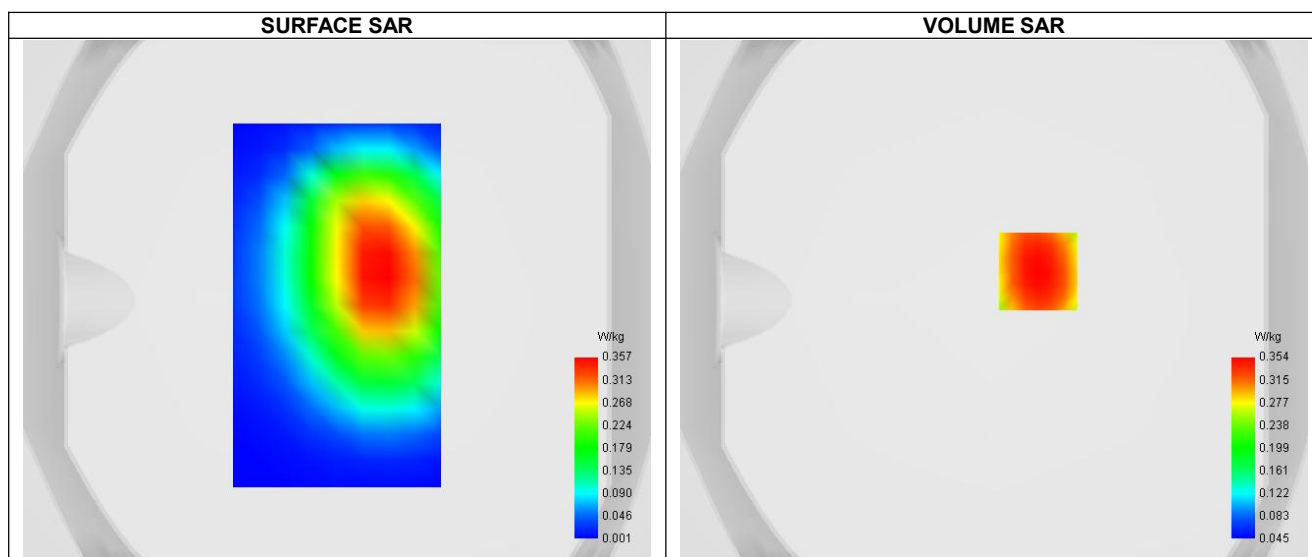


F. 3D Image



Plot 28: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-05
ConvF	6.13
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 26 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	831.5
Relative permittivity (real part)	41.98
Conductivity (S/m)	0.90



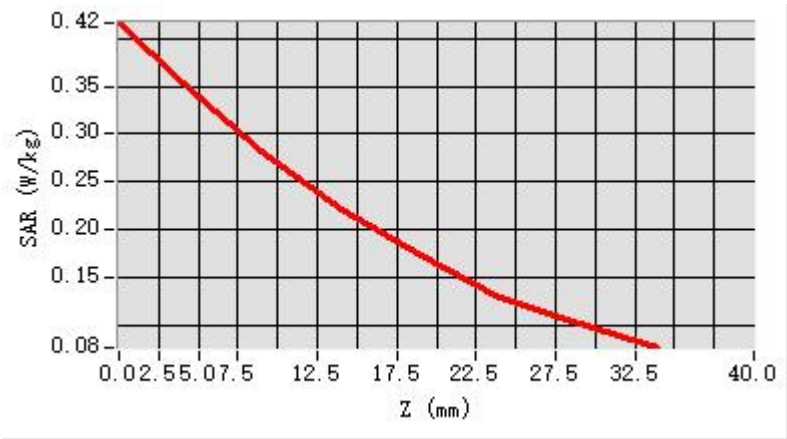
Maximum location: X=17.00, Y=11.00 ; SAR Peak: 0.42 W/kg

D. SAR 1g & 10g

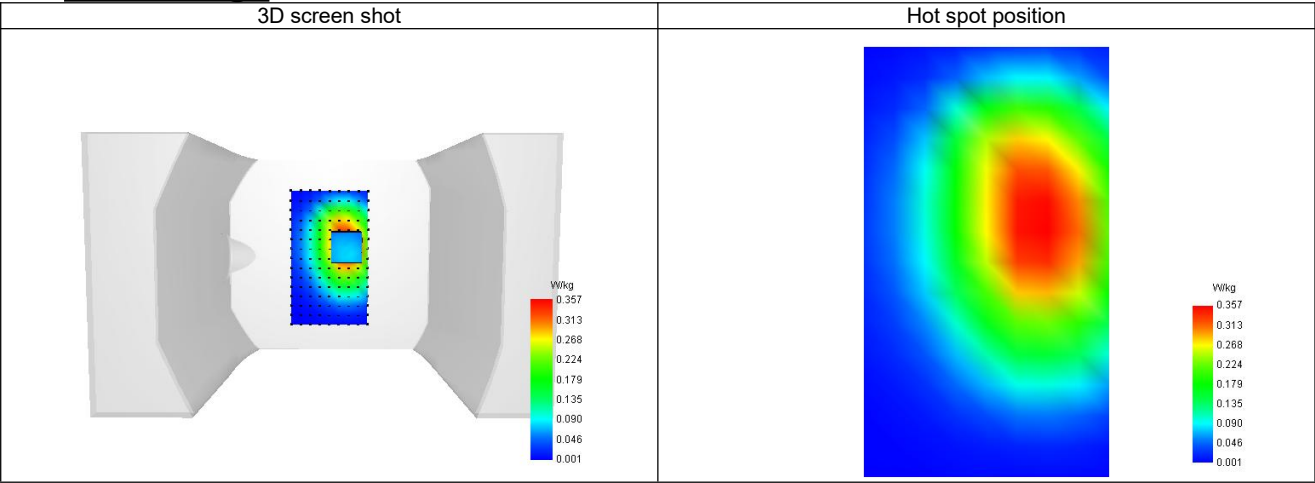
SAR 10g (W/Kg)	0.255
SAR 1g (W/Kg)	0.340
Horizontal validation criteria: minimum distance (mm)	16.996351
Vertical validation criteria: SAR ratio M2/M1 (%)	85.096153

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.416	0.354	0.283	0.221	0.173	0.129	0.102

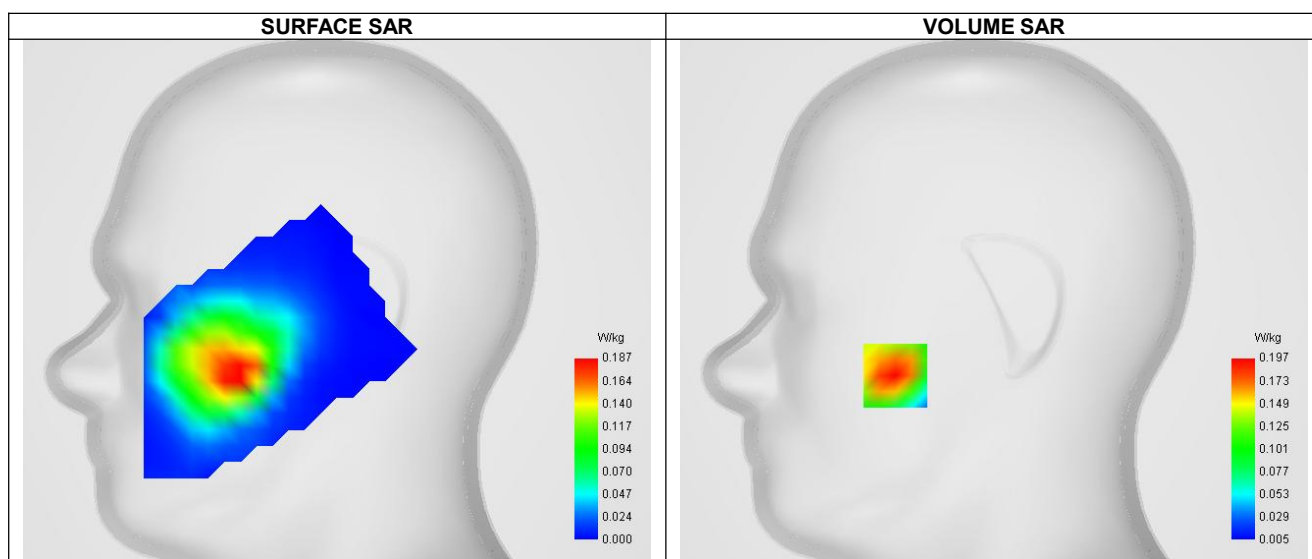


F. 3D Image



Plot 29: DUT: Smart phone; EUT Model: C26 Mini

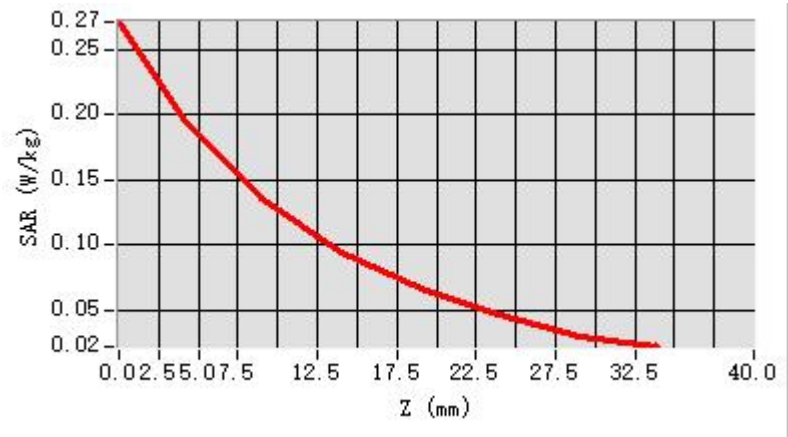
Test Date	2026-09-06
ConvF	5.21
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 66 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1720
Relative permittivity (real part)	40.49
Conductivity (S/m)	1.35

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

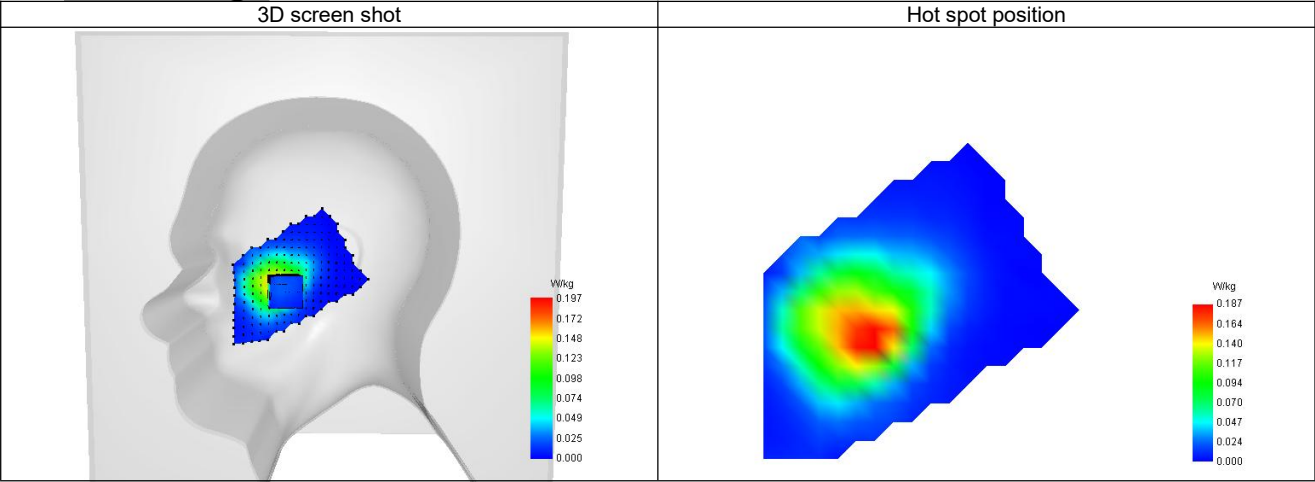
SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.187
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	68.679666

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.271	0.197	0.135	0.094	0.066	0.047	0.029

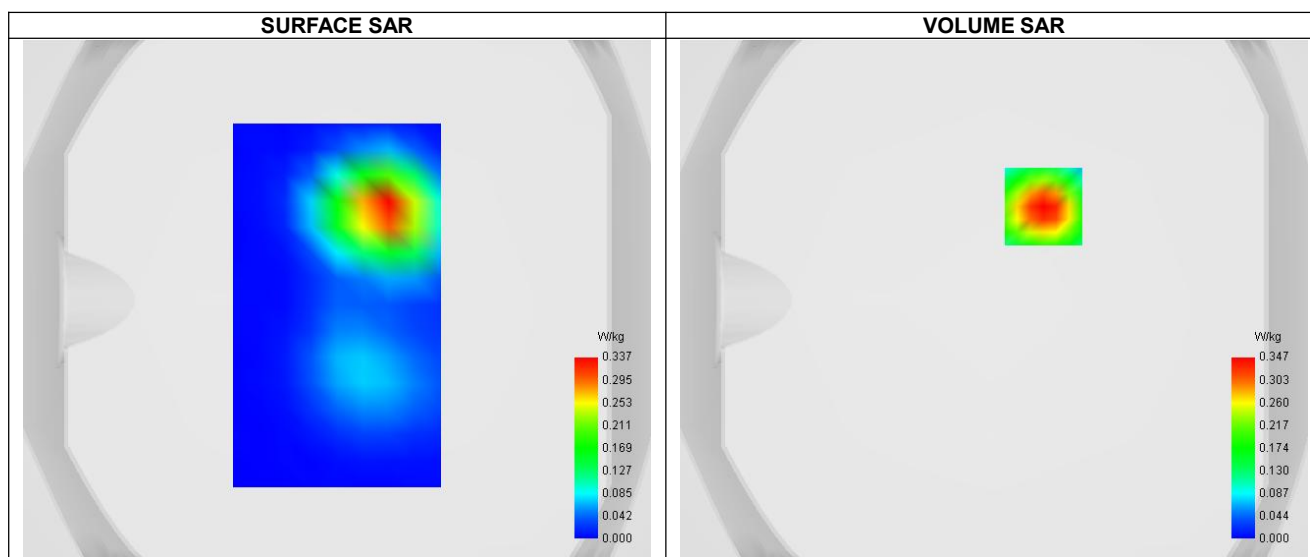


F. 3D Image



Plot 30: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-06
ConvF	5.21
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	LTE Band 66(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1720
Relative permittivity (real part)	40.49
Conductivity (S/m)	1.35



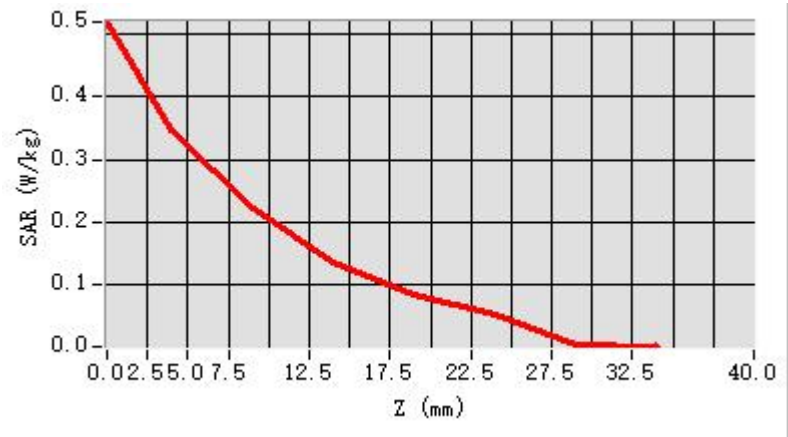
Maximum location: X=19.00, Y=36.00 ; SAR Peak: 0.51 W/kg

D. SAR 1g & 10g

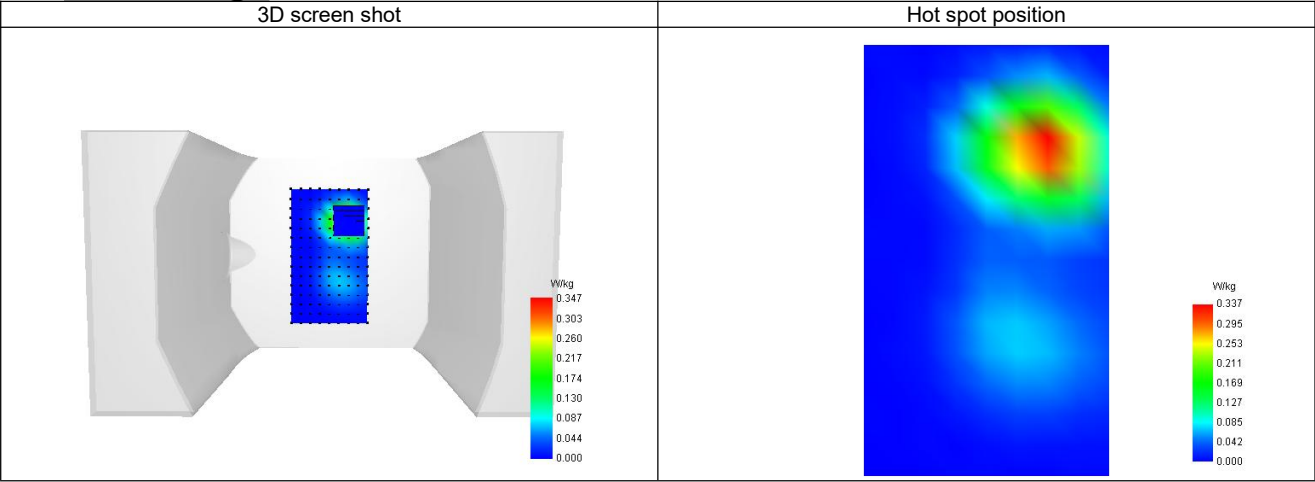
SAR 10g (W/Kg)	0.183
SAR 1g (W/Kg)	0.329
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	64.715498

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.520	0.347	0.221	0.135	0.084	0.050	0.004

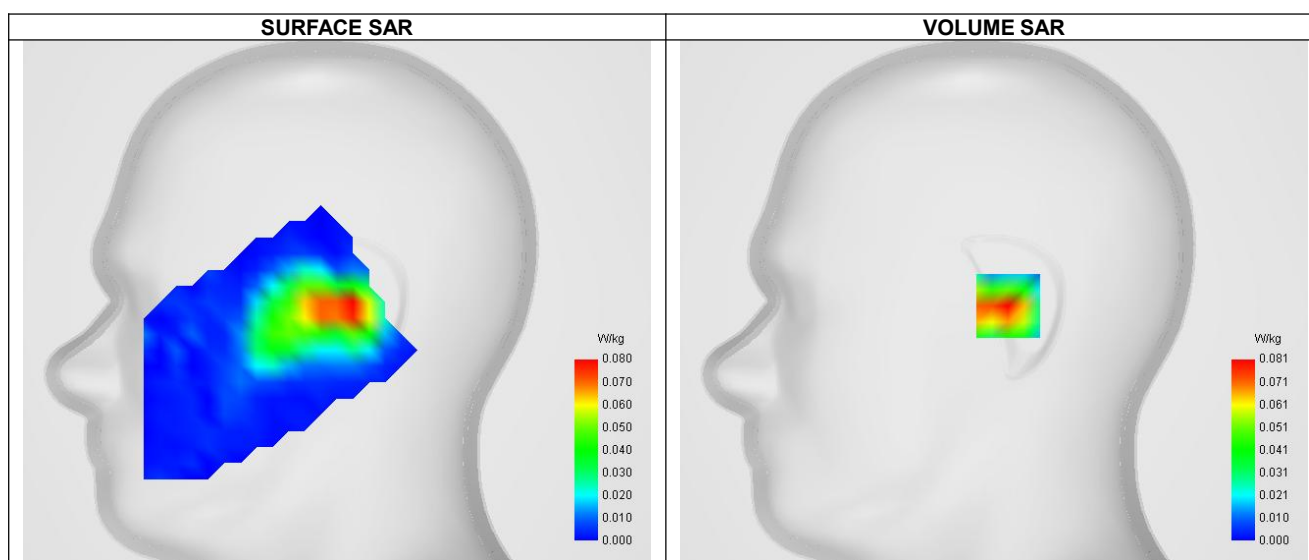


F. 3D Image



Plot 31: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
	4.82
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	IEEE 802.11b ISM
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2412
Relative permittivity (real part)	39.57
Conductivity (S/m)	1.75



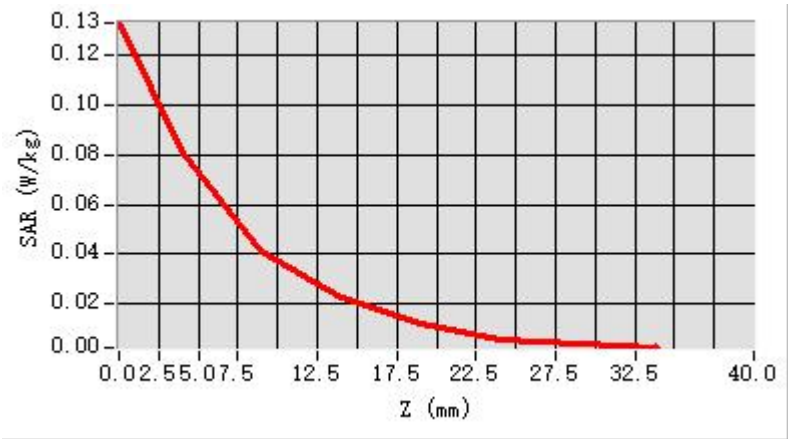
Maximum location: X=7.00, Y=-2.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

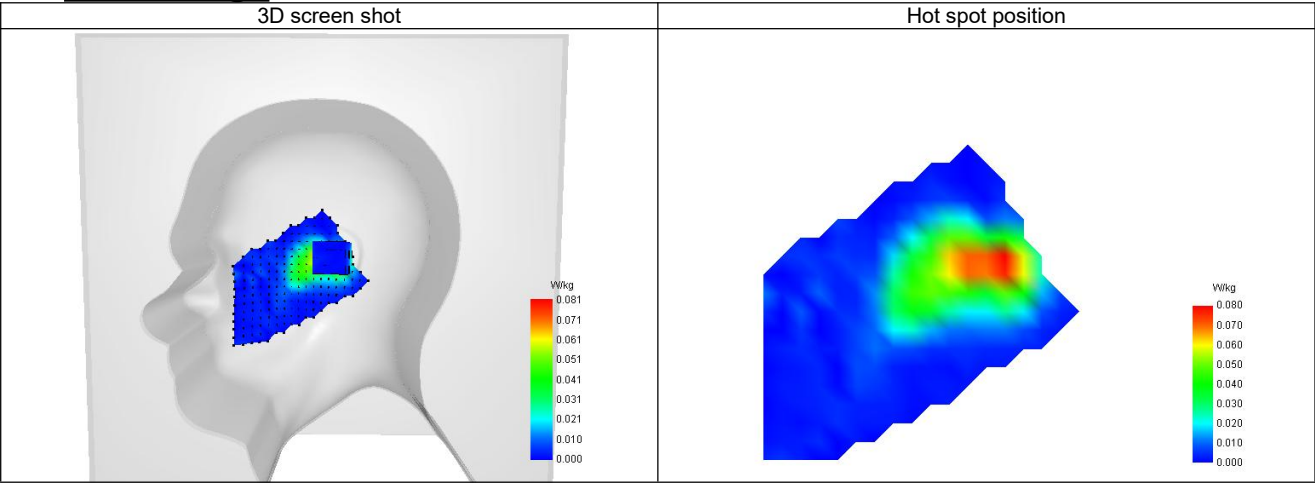
SAR 10g (W/Kg)	0.035
SAR 1g (W/Kg)	0.075
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.611783

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.133	0.081	0.041	0.022	0.012	0.006	0.004

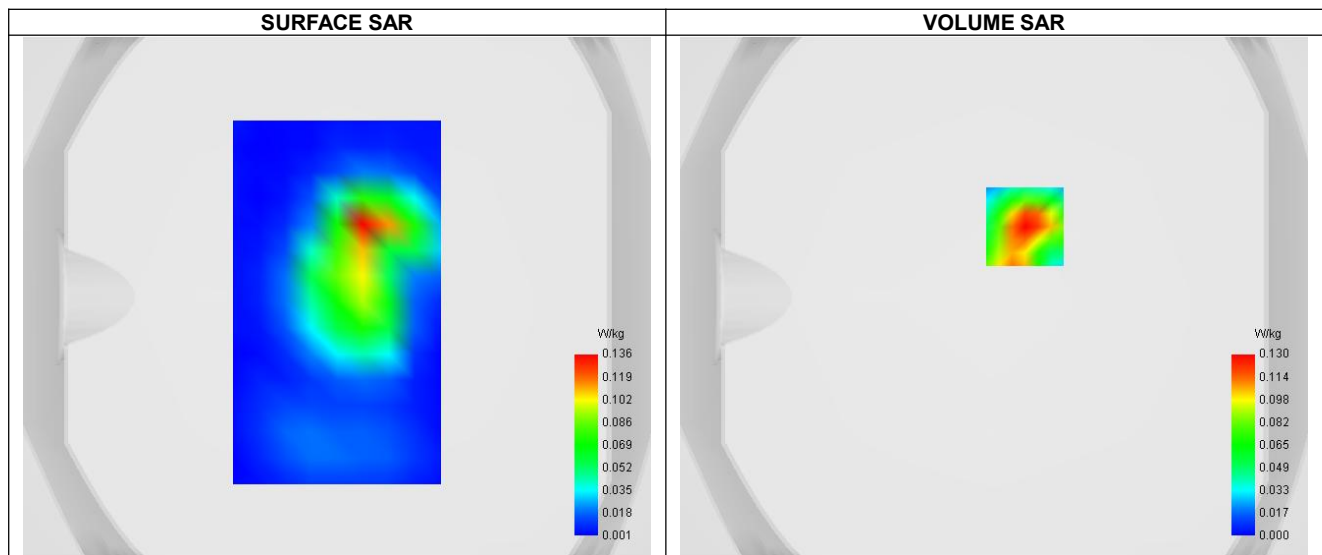


F. 3D Image



Plot 32: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
ConvF	4.82
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	IEEE 802.11b ISM
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2412
Relative permittivity (real part)	39.57
Conductivity (S/m)	1.75



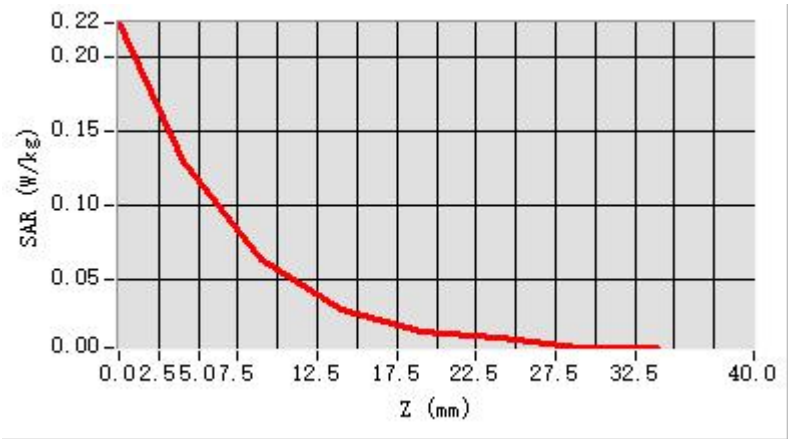
Maximum location: X=12.00, Y=27.00 ; SAR Peak: 0.22 W/kg

D. SAR 1g & 10g

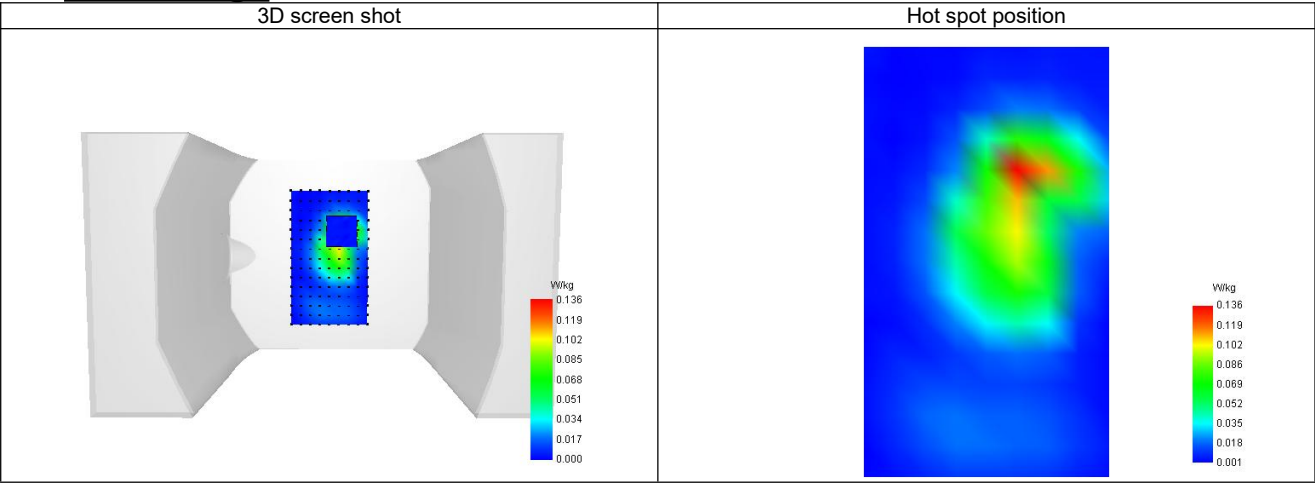
SAR 10g (W/Kg)	0.052
SAR 1g (W/Kg)	0.118
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	49.080423

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.223	0.130	0.064	0.030	0.015	0.011	0.004

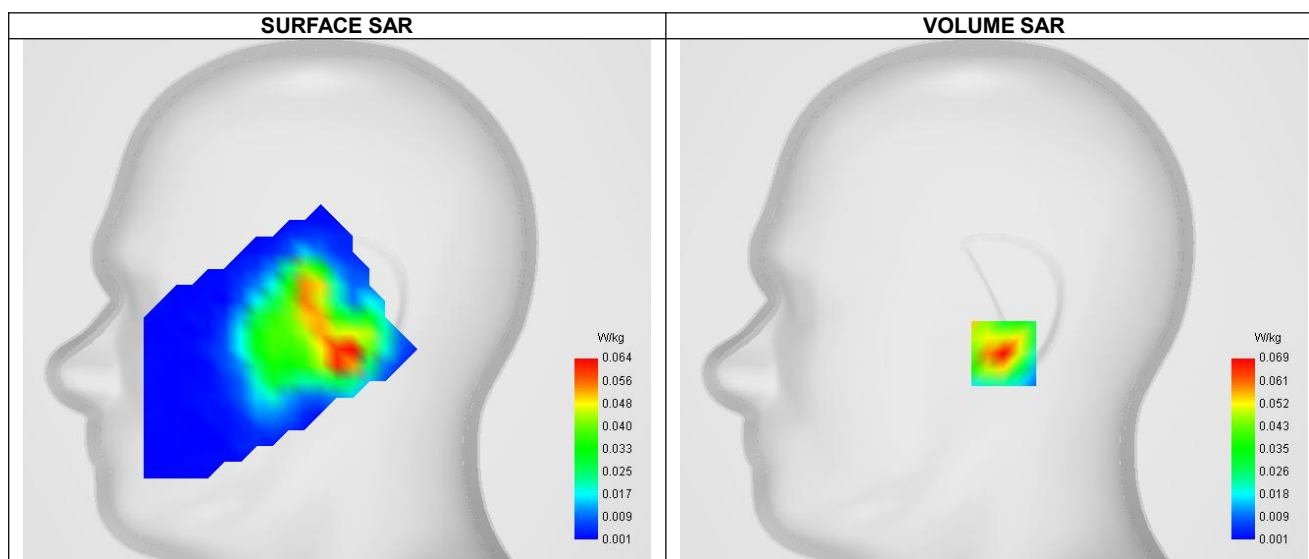


F. 3D Image



Plot 33: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
ConvF	4.82
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	BT
Signal	GFSK (Crest factor: 1.0)
Frequency (MHz)	2440
Relative permittivity (real part)	39.83
Conductivity (S/m)	1.81



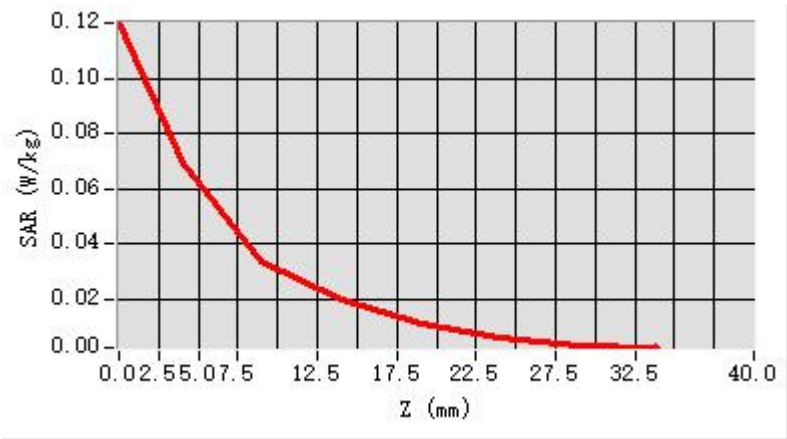
Maximum location: X=5.00, Y=-26.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

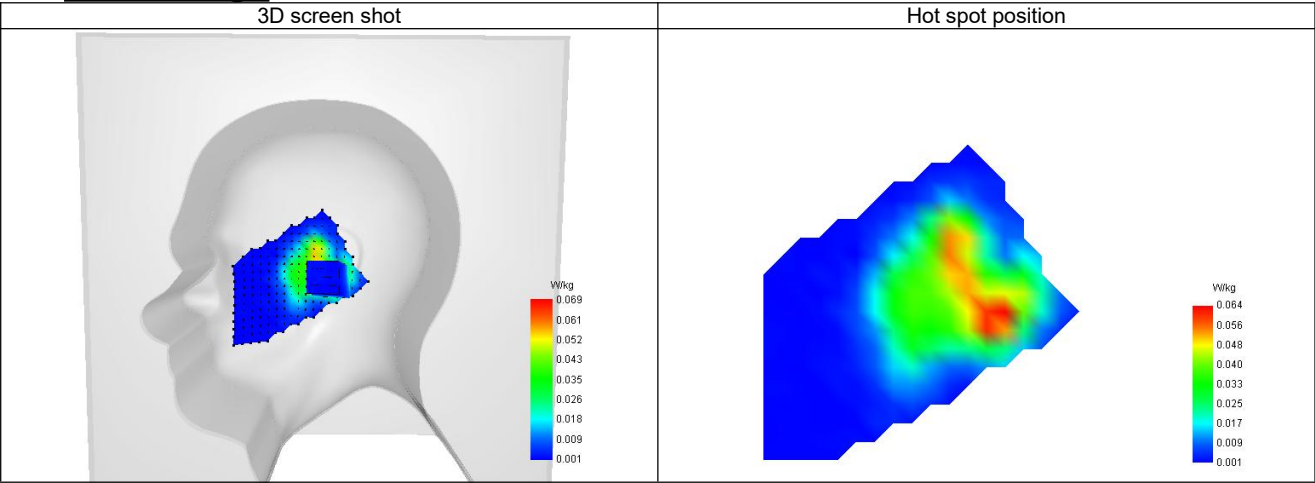
SAR 10g (W/Kg)	0.030
SAR 1g (W/Kg)	0.065
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	48.237569

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.120	0.069	0.033	0.020	0.011	0.006	0.003

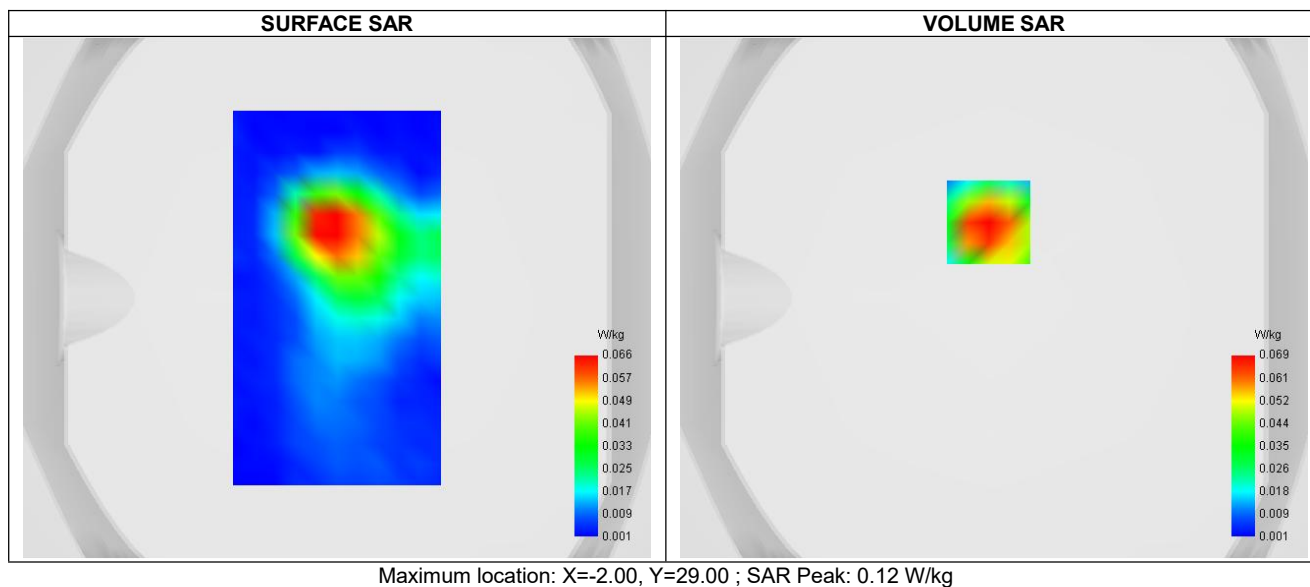


F. 3D Image



Plot 34: DUT: Smart phone; EUT Model: C26 Mini

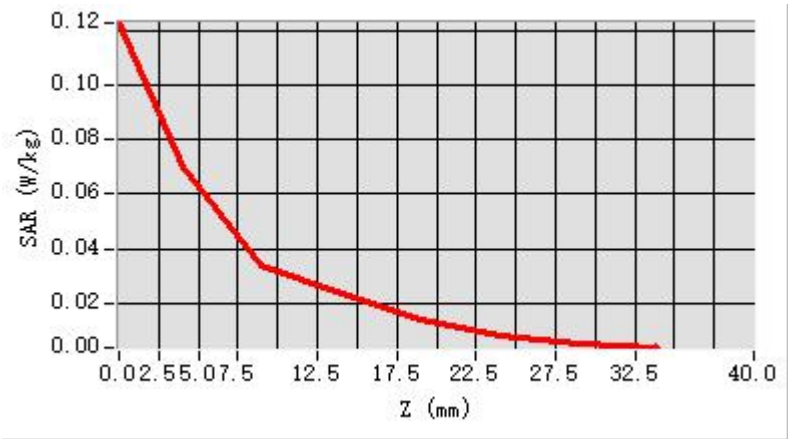
Test Date	2026-09-09
ConvF	4.82
Probe	SN 37/08 EP80
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7, dx=5mm, dy=5mm, dz=5mm
Phantom	Validation plane
Device Position	Front Side
Band	BT
Signal	GFSK (Crest factor: 1.0)
Frequency (MHz)	2440
Relative permittivity (real part)	39.83
Conductivity (S/m)	1.81

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

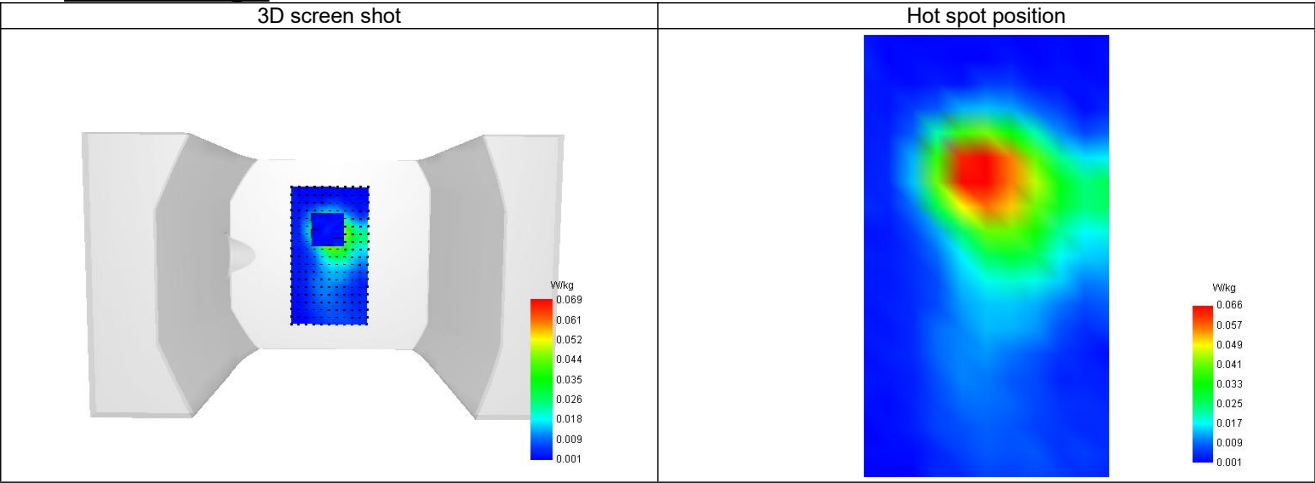
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.069
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.261405

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.123	0.069	0.034	0.023	0.014	0.008	0.005

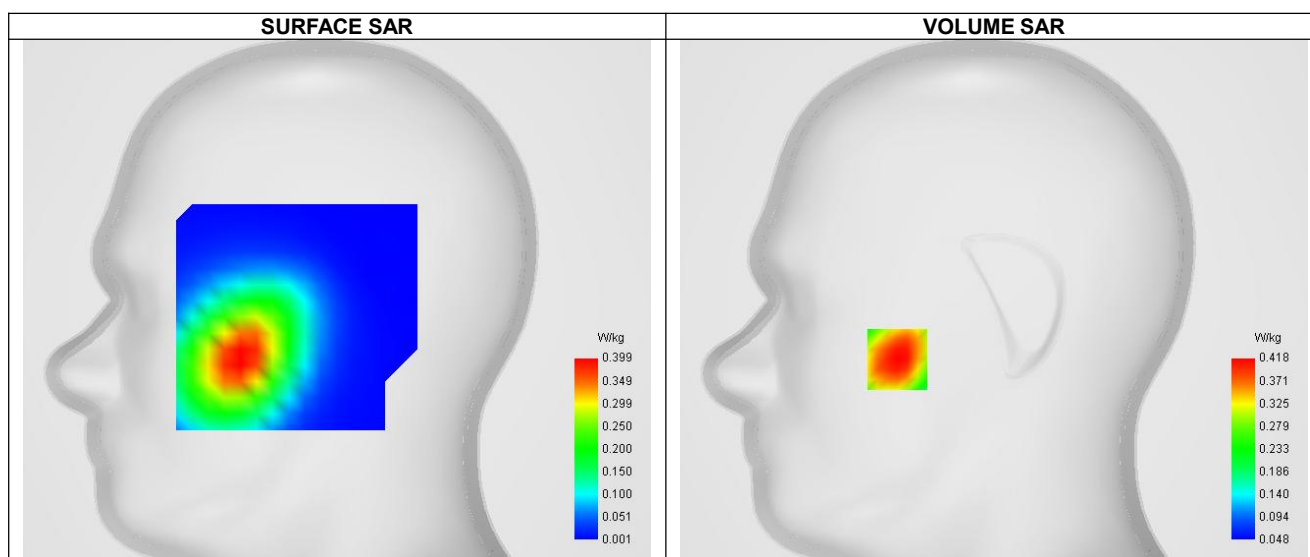


F. 3D Image



Plot 35: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
ConvF	21.61
Probe	SN 27/13 EPG193
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Right Cheek
Device Position	Cheek
Band	IEEE 802.11a ISM
Signal	IEEE802.a (Crest factor: 1.0)
Frequency (MHz)	5180
Relative permittivity (real part)	36.94
Conductivity (S/m)	4.63



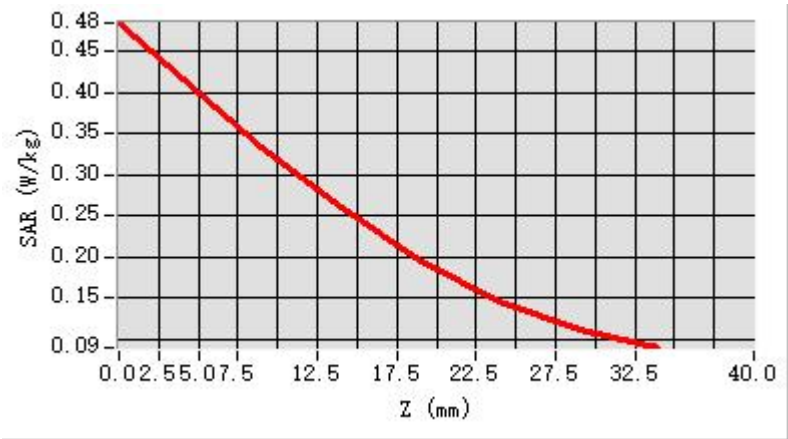
Maximum location: X=-48.00, Y=-29.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

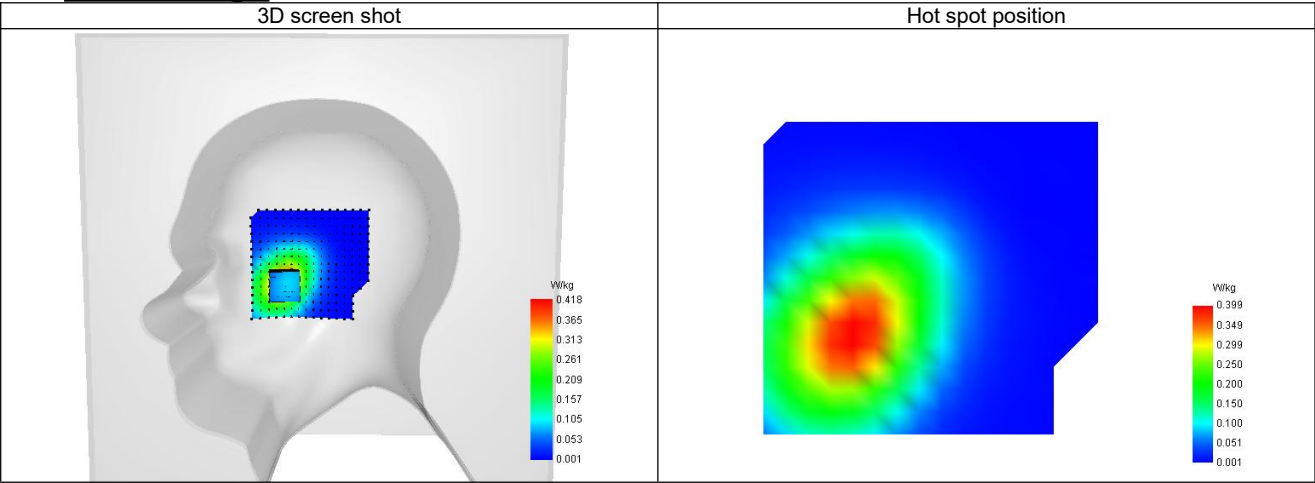
SAR 10g (W/Kg)	0.287
SAR 1g (W/Kg)	0.396
Horizontal validation criteria: minimum distance (mm)	21.213203
Vertical validation criteria: SAR ratio M2/M1 (%)	79.822561

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.485	0.417	0.333	0.260	0.195	0.145	0.113

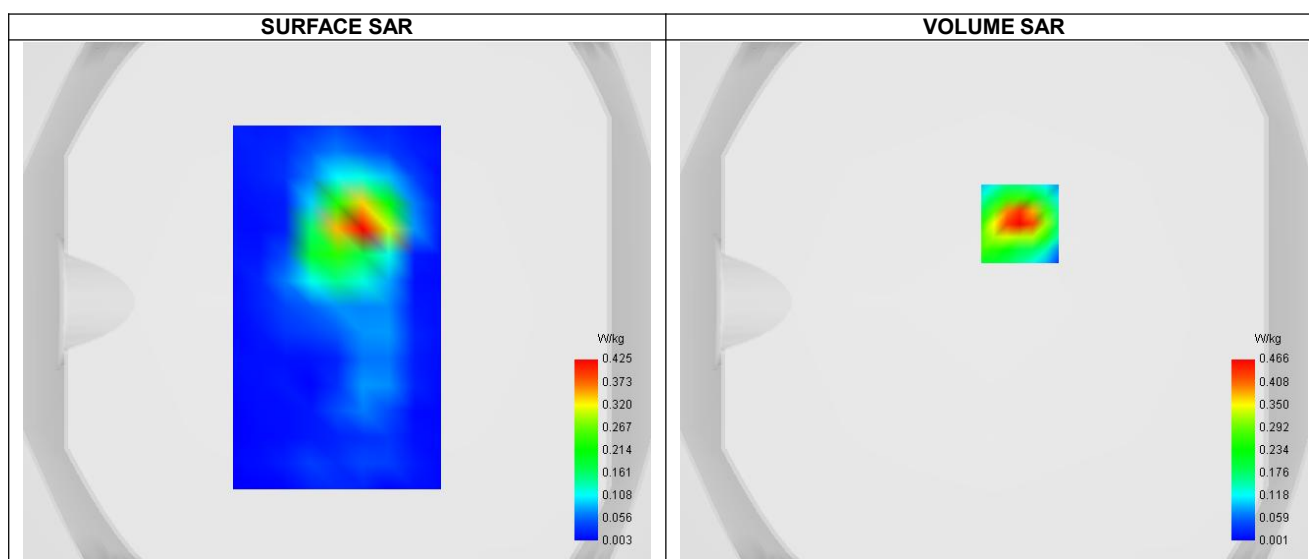


F. 3D Image



Plot 36: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
ConvF	21.61
Probe	SN 27/13 EPG193
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Front Side
Band	IEEE 802.11a ISM
Signal	IEEE802.a (Crest factor: 1.0)
Frequency (MHz)	5180
Relative permittivity (real part)	36.94
Conductivity (S/m)	4.63



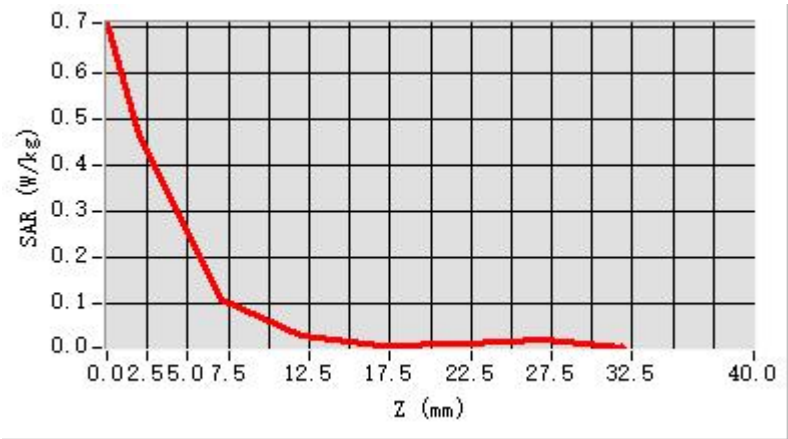
Maximum location: X=10.00, Y=30.00 ; SAR Peak: 0.81 W/kg

D. SAR 1g & 10g

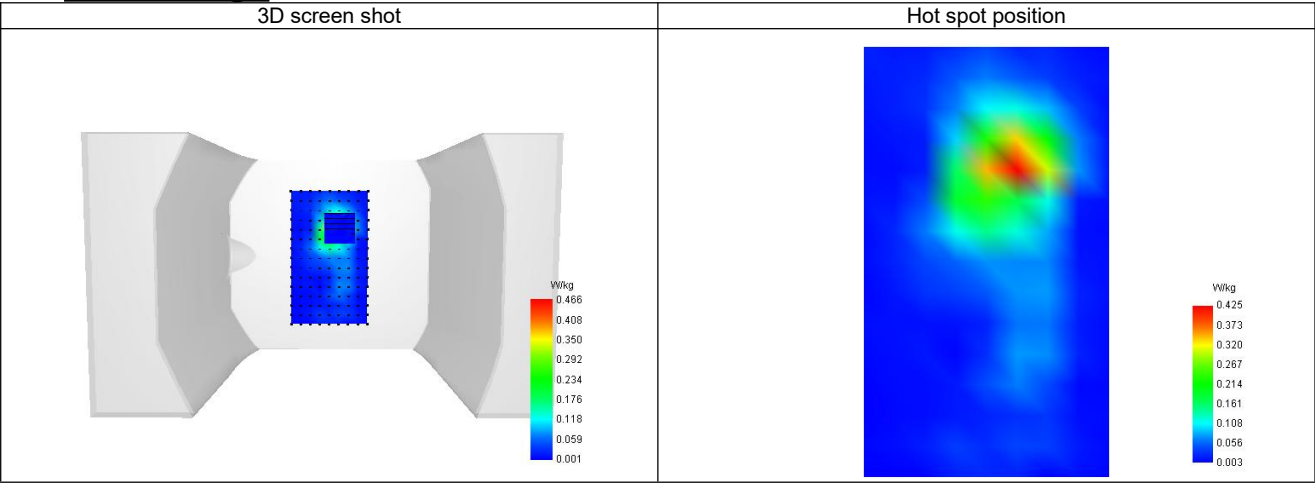
SAR 10g (W/Kg)	0.105
SAR 1g (W/Kg)	0.305
Horizontal validation criteria: minimum distance (mm)	10.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	23.211213

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00	22.00	27.00
SAR (W/Kg)	0.710	0.466	0.108	0.029	0.006	0.013	0.022

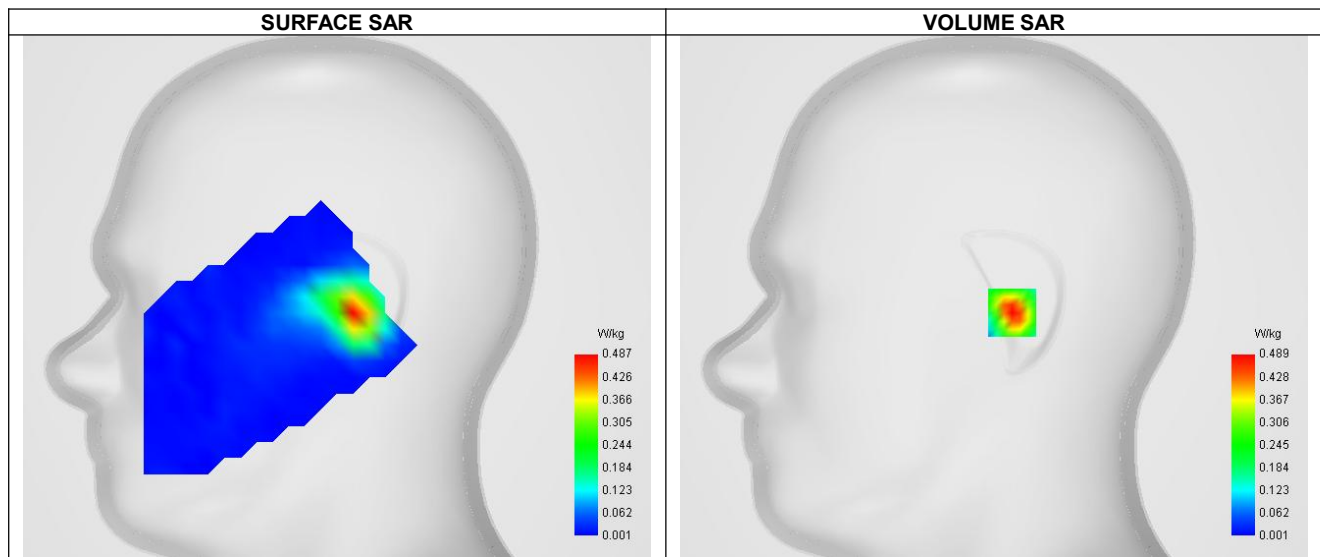


F. 3D Image



Plot 37: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
ConvF	22.42
Probe	SN 27/13 EPG193
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Right Cheek
Device Position	Cheek
Band	IEEE 802.11a ISM
Signal	IEEE802.a (Crest factor: 1.0)
Frequency (MHz)	5825
Relative permittivity (real part)	35.25
Conductivity (S/m)	5.29



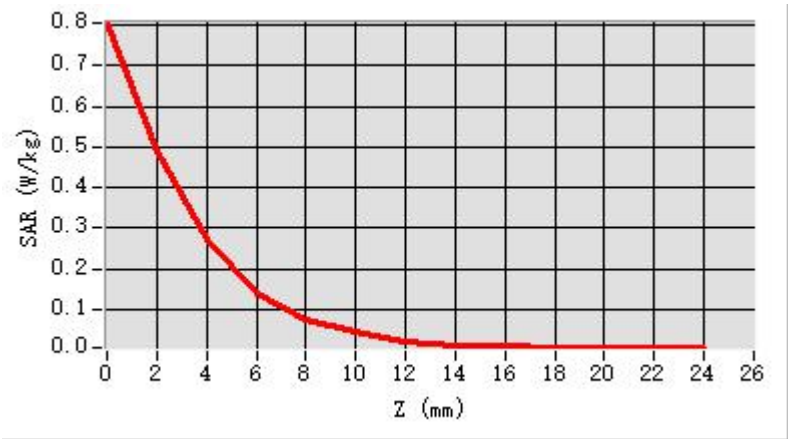
Maximum location: X=9.00, Y=-8.00 ; SAR Peak: 1.18 W/kg

D. SAR 1g & 10g

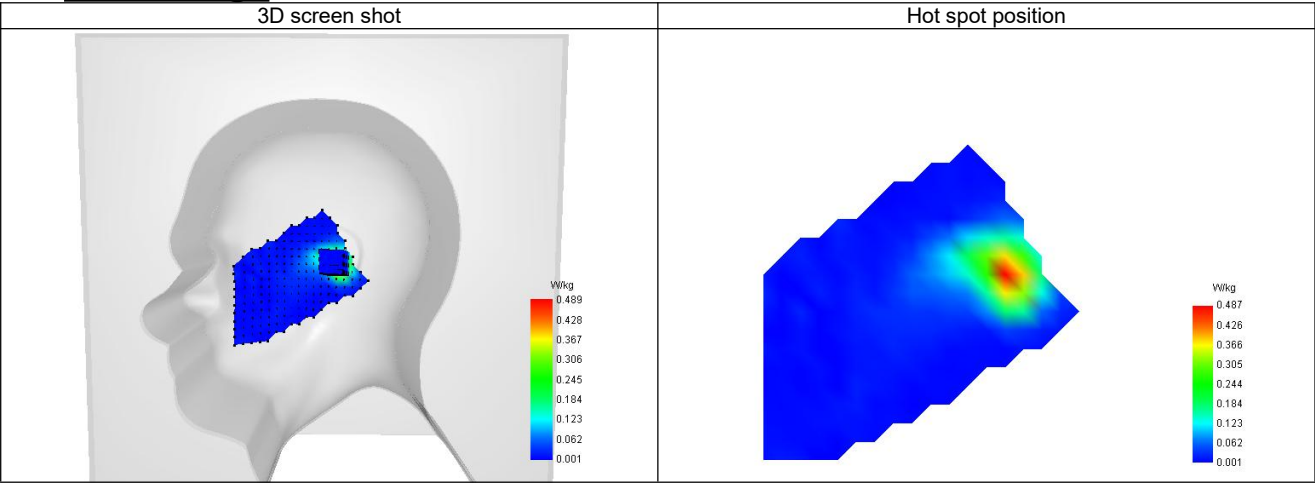
SAR 10g (W/Kg)	0.171
SAR 1g (W/Kg)	0.463
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	55.769240

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.806	0.489	0.273	0.140	0.075	0.043	0.021	0.013	0.011	0.008	0.006	0.006

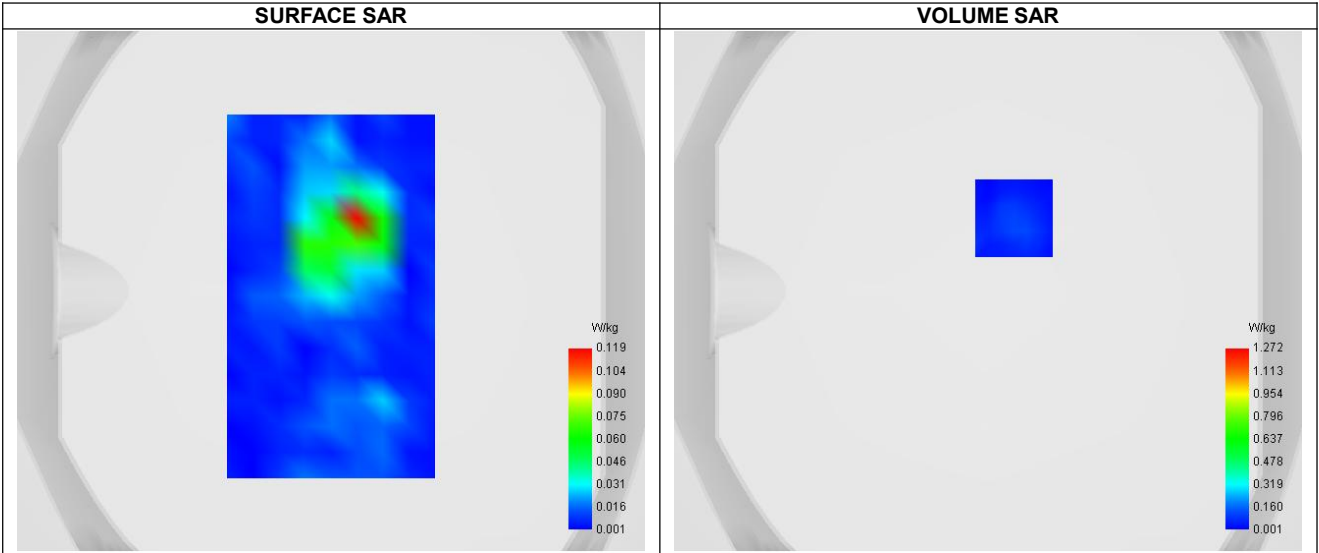


F. 3D Image



Plot 38: DUT: Smart phone; EUT Model: C26 Mini

Test Date	2026-09-09
ConvF	22.42
Probe	SN 27/13 EPG193
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Front Side
Band	IEEE 802.11a ISM
Signal	IEEE802.a (Crest factor: 1.0)
Frequency (MHz)	5825
Relative permittivity (real part)	35.25
Conductivity (S/m)	5.29



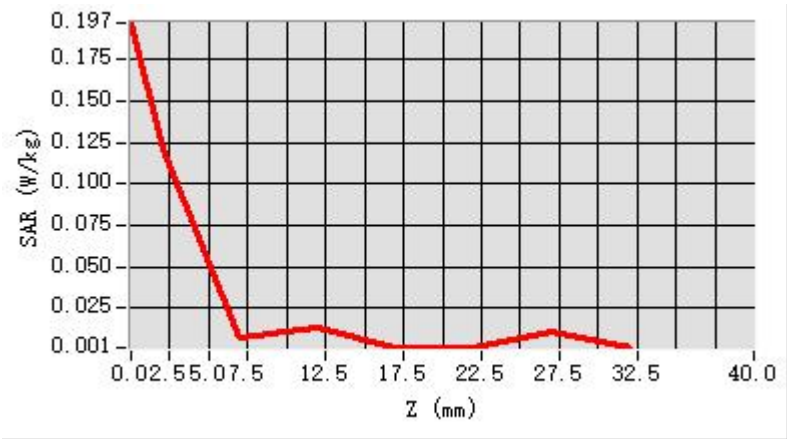
Maximum location: X=10.00, Y=28.00 ; SAR Peak: 5.21 W/kg

D. SAR 1g & 10g

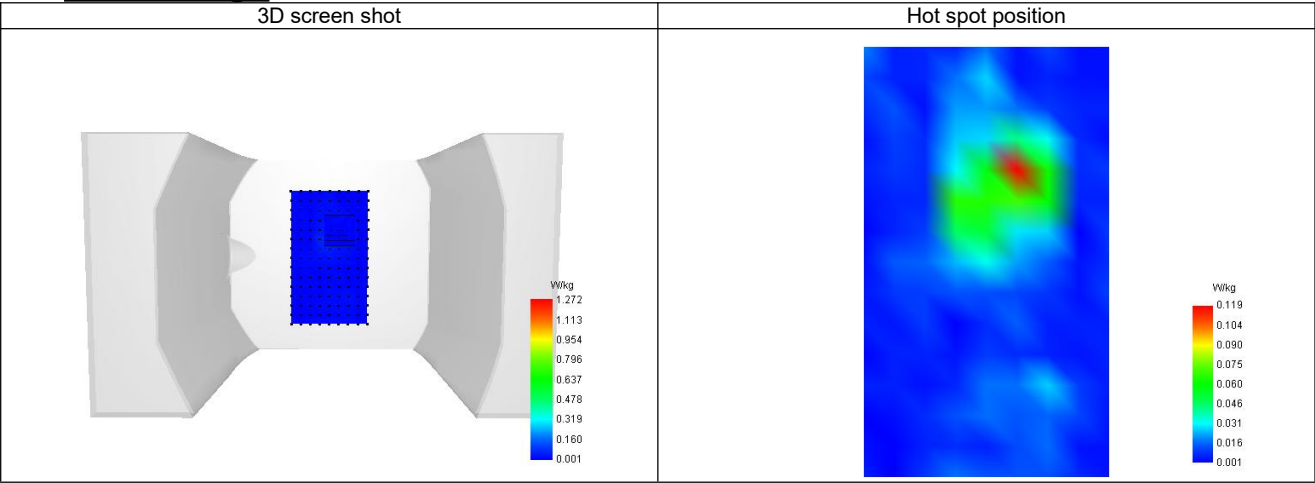
SAR 10g (W/Kg)	0.071
SAR 1g (W/Kg)	0.542
Horizontal validation criteria: minimum distance (mm)	10.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	27.351217

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00	22.00	27.00
SAR (W/Kg)	0.197	0.121	0.008	0.013	0.001	0.001	0.011



F. 3D Image



APPENDIX C. TEST SETUP PHOTOS

Refer the appendix Calibration Report.

APPENDIX D. PROBE CALIBRATION AND DIPOLE CALIBRATION REPORT

Refer the appendix Calibration Report.

※※※※※END OF THE REPORT※※※※※