



SAR Test Report

Report No.: STS2601074H02

Issued for

Stanley Black & Decker, Inc.

New Britain Design Center, 600 Myrtle Street, New Britain,
CT 06053 USA

Product Name: ADV2 DIAGNOSTIC SCAN TOOL

Brand Name:



Model Name: ET9150

Series Model(s): N/A

IC: 23237-ET9150

Test Standard: RSS-102 Issue 6, December 15,
2023IEC/IEEE 62209-1528:2020

Max. Report
SAR (1g)

Body: 0.910W/kg

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT CERTIFICATION**

Applicant's name : Stanley Black & Decker, Inc.
Address : New Britain Design Center, 600 Myrtle Street, New Britain, CT
06053 USA
Manufacturer's Name : Stanley Black & Decker, Inc.
Address : New Britain Design Center, 600 Myrtle Street, New Britain, CT
06053 USA

Product description

Product name : ADV2 DIAGNOSTIC SCAN TOOL

Brand name :



Model name : ET9150

Series Model..... : N/A

Standards..... : RSS-102 Issue 6, December 15, 2023
IEC/IEEE 62209-1528:2020

The device was tested by Shenzhen STS Test Services Co., Ltd. in accordance with the measurement methods and procedures specified in EN IEC/IEEE 62209-1528, The test results in this report apply only to the tested sample of the stated device/equipment. Other similar device/equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Date of Test..... :

Date (s) of performance of tests..... : 29 Jan. 2026 ~ 01 Feb. 2026

Date of Issue..... : 02 Feb. 2026

Test Result..... : **Pass**

Testing Engineer :

Xin Liu

(Xin.Liu)

Technical Manager :

Shi fan-long

(Shifan. Long)

Authorized Signatory :

Bovey Yang

(Bovey Yang)





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Rev.	Issue Date	Report No.	Effect Page	Contents
00	02 Feb. 2026	STS2601074H02	ALL	Initial Issue



1. General Information

Environmental evaluation measurements of specific absorption rate (SAR) distributions in emulated human head and body tissues exposed to radio frequency (RF) radiation from wireless portable devices for compliance with the rules and regulations of the ISED.

1.1 EUT Description

Product Name/PMN	ADV2 DIAGNOSTIC SCAN TOOL		
Brand Name			
Model Name/HVIN	ET9150		
Series Model/PMN	N/A		
Model Difference	N/A		
Sample number	260105003-1		
Battery	Rated Voltage: 7.6V Charge Limit Voltage: 8.7V Capacity: 7000mAh		
Device Category	Portable		
Product stage	Production unit		
RF Exposure Environment	General Population / Uncontrolled		
Hardware Version	N/A		
Software Version/FVIN	N/A		
Frequency Range	WLAN802.11b/g/n20: 2412 MHz ~ 2462 MHz WLAN 802.11n40: 2422 MHz ~ 2452 MHz 5.2G WIFI: IEEE 802.11a/n/ac (20M): 5.180GHz-5.240GHz IEEE 802.11n/ac (40M): 5.190GHz-5.230GHz IEEE 802.11 ac (80M): 5.210GHz 5.3G WIFI: IEEE 802.11 a/n/ac (20M): 5.260GHz-5.320GHz IEEE 802.11 ac (40M): 5.270GHz-5.310GHz IEEE 802.11 ac (80M): 5.290GHz 5.6G WIFI: IEEE 802.11 a/n/ac (20M): 5.500GHz-5.700GHz IEEE 802.11 n/ac (40M): 5.510GHz-5.670GHz IEEE 802.11ac(VHT80): 5.530GHz 5.8G WIFI: IEEE 802.11 a/n/ac(20M): 5.745GHz-5.825GHz IEEE 802.11n/ac (40M): 5.755GHz-5.795GHz IEEE 802.11 ac (80M): 5.775GHz		
Max. Reported SAR(1g): (Limit:1.6W/kg) Test distance: Body:0mm	Mode	Module	Body Worn(W/kg)
	2.4G WLAN	1	0.367
	5.2G WLAN	1	0.327
	5.3G WLAN	1	0.607
	5.6G WLAN	1	0.313



	5.8G WLAN	1	0.342
	2.4G WLAN_ANT1	2	0.596
	2.4G WLAN_ANT2	2	0.342
	2.4G WLAN_ANT1+2	2	0.596
	5.2G WLAN_ANT1	2	0.147
	5.2G WLAN_ANT2	2	0.133
	5.2G WLAN_ANT1+2	2	0.375
	5.3G WLAN_ANT1	2	0.209
	5.3G WLAN_ANT2	2	0.214
	5.3G WLAN_ANT1+2	2	0.910
	5.6G WLAN_ANT1	2	0.280
	5.6G WLAN_ANT2	2	0.266
	5.6G WLAN_ANT1+2	2	0.904
	5.8G WLAN_ANT1	2	0.332
	5.8G WLAN_ANT2	2	0.329
	5.8G WLAN_ANT1+2	2	0.395
	BT ^{Note}	1	0.190
	1-g Sum SAR		
Operating Mode:	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 802.11ax(OFDM, OFDMA): BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM Bluetooth: GFSK + π /4DQPSK+8DPSK BLE: GFSK		
Antenna Specification:	WLAN: FPC Antenna BT: FPC Antenna		
SIM Card	No SIM		
Hotspot Mode	Not Support		
DTM Mode	Not Support		
Note: 1. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power			



1.2 Test Environment

Ambient conditions in the SAR laboratory:

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

1.3 Test Factory

ShenZhen STS Test Services Co.,Ltd.

A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration No.: 625569

IC Registration No.: 12108A

A2LA Certificate No.: 4338.01

IC CAB ID: CN0086



2. Test Standards and Limits

No.	Identity	Document Title
1	Health Canada's Safety Code 6	Limits of Human Exposure to Radio frequency Electromagnetic Energy in the Frequency Range from 3KHz to 300 GHz - Safety Code 6 (2009)
2	RSS-102 Issue 6, Amendment December 15, 2023	Radio Frequency (RF) Exposure Compliance of Radio communication Apparatus (All Frequency Bands)
3	RSS-102.SAR.MEAS	Measurement Procedure for Assessing Specific Absorption Rate (SAR) Compliance in Accordance with RSS-102
4	IEC/IEEE 62209-1528:2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)
5	FCC KDB 447498 D01 v06	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
6	FCC KDB 648474 D04 v01r03	SAR Evaluation Considerations for Wireless Handsets
7	FCC KDB 248227 D01 Wi-Fi SAR 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

3. SAR Measurement System

3.1 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

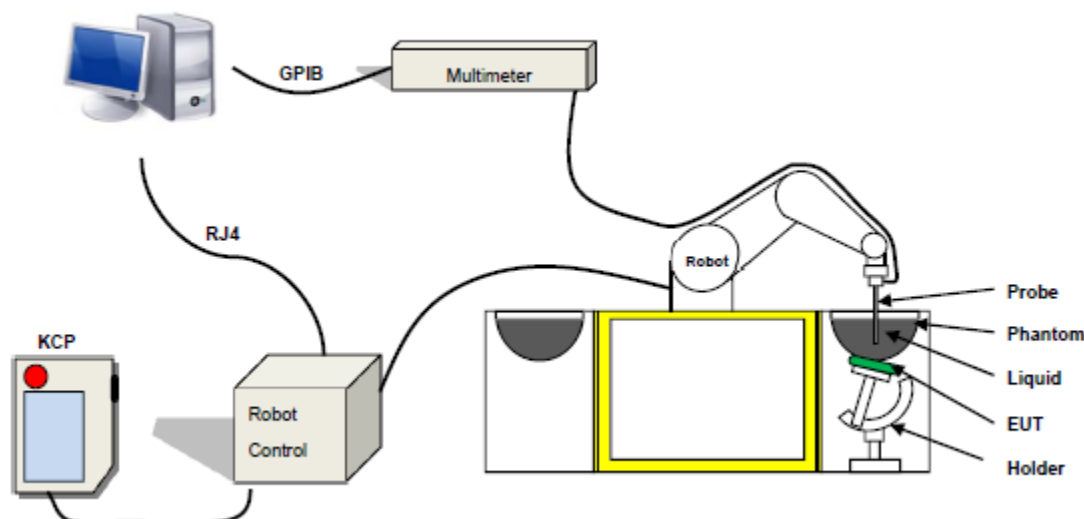
$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue,

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

3.2 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.

3.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe SN 08/21 EPG0352 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: 150 MHz to 6 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

3.2.2 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 $\pm$ 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.

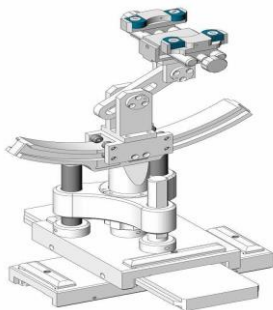
SN 32/14 SAM115



Figure-SN 21/21 ELLI48



3.2.3 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.



4. Tissue Simulating Liquids

4.1 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.

IEEE SCC-34/SC-2 RECOMMENDED TISSUE DIELECTRIC PARAMETERS

The head and body tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 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**

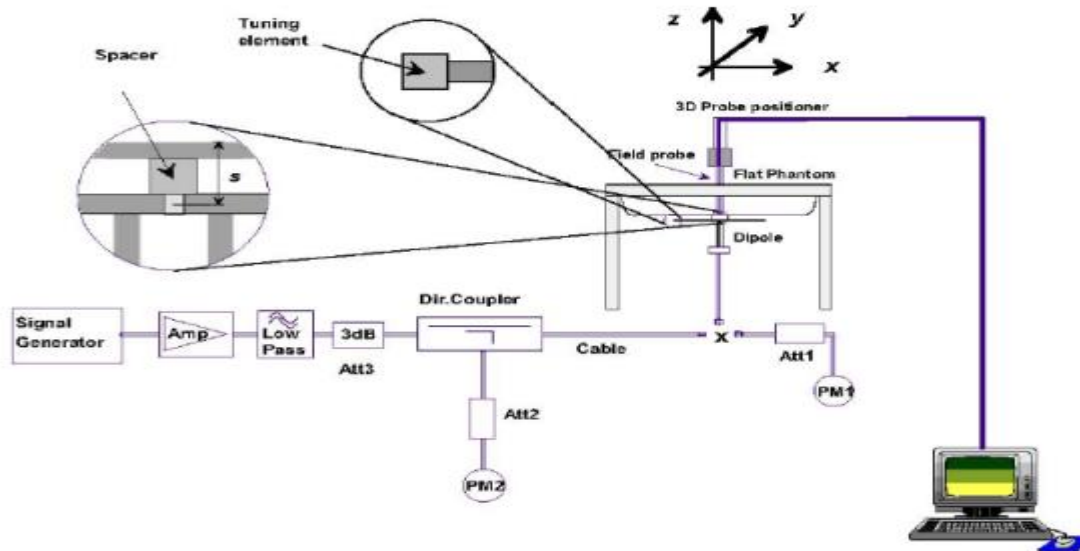
Date	Ambient		Simulating Liquid		Parameters	Target	Measured	Deviation %	Limited %
	Temp. [°C]	Humidity %	Frequency (MHz)	Temp. [°C]					
2026-01-29	24.1	52	2412	23.8	Permittivity	39.27	39.90	1.60	±5
					Conductivity	1.77	1.76	-0.56	±5
2026-01-29	24.2	52	2437	23.9	Permittivity	39.22	39.71	1.25	±5
					Conductivity	1.79	1.74	-2.79	±5
2026-01-29	24.2	52	2450	23.9	Permittivity	39.20	39.15	-0.13	±5
					Conductivity	1.80	1.79	-0.56	±5
2026-01-29	24.1	52	5200	23.8	Permittivity	36.00	36.13	0.36	±5
					Conductivity	4.66	4.67	0.21	±5
2026-01-29	24.1	52	5240	23.8	Permittivity	35.96	36.46	1.39	±5
					Conductivity	4.70	4.68	-0.43	±5
2026-01-29	24.1	52	5260	23.8	Permittivity	35.94	36.97	2.87	±5
					Conductivity	4.72	4.74	0.42	±5
2026-01-30	23.4	57	5300	23.1	Permittivity	35.90	36.71	2.26	±5
					Conductivity	4.76	4.72	-0.84	±5
2026-01-30	23.4	57	5320	23.1	Permittivity	35.88	36.75	2.42	±5
					Conductivity	4.78	4.77	-0.21	±5
2026-01-30	23.4	57	5400	23.1	Permittivity	35.80	36.68	2.46	±5
					Conductivity	4.86	4.79	-1.44	±5
2026-02-01	22.0	46	5500	21.7	Permittivity	35.68	36.47	2.21	±5
					Conductivity	4.96	4.97	0.20	±5
2026-02-01	22.0	46	5580	21.7	Permittivity	35.58	35.87	0.82	±5
					Conductivity	5.04	5.01	-0.60	±5
2026-02-01	22.0	46	5600	21.7	Permittivity	35.55	35.71	0.45	±5
					Conductivity	5.07	5.08	0.20	±5
2026-02-01	22.0	46	5700	21.7	Permittivity	35.43	35.10	-0.93	±5
					Conductivity	5.17	5.19	0.39	±5
2026-02-01	22.0	46	5745	21.8	Permittivity	35.36	35.44	0.23	±5
					Conductivity	5.21	5.29	1.54	±5
2026-02-01	22.0	46	5775	21.7	Permittivity	35.33	35.32	-0.03	±5
					Conductivity	5.24	5.27	0.57	±5
2026-02-01	22.0	46	5800	21.8	Permittivity	35.30	36.34	2.95	±5
					Conductivity	5.27	5.34	1.33	±5
2026-02-01	22.0	46	5825	21.7	Permittivity	35.28	36.51	3.49	±5
					Conductivity	5.30	5.47	3.21	±5

5. SAR System Validation

5.1 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.





5.2 Validation Result

Justification for Extended SAR Dipole Calibrations

Date	Frequency (MHz)	Power	SAR _{1g} (W/Kg)	SAR _{10g} (W/Kg)	Drift (%)	1W Target		Difference percentage		Limited %
						SAR _{1g} (W/Kg)	SAR _{10g} (W/Kg)	1g	10g	
2026-01-29	2450	100 mW	5.395	2.433	2.31	54.70	24.11	-1.37%	0.91%	10
		Normalize to 1 Watt	53.95	24.33						
2026-01-29	5200	10 mW	1.645	0.563	-3.21	163.88	57.29	0.36%	-1.75%	10
		Normalize to 1 Watt	164.47	56.29						
2026-01-30	5400	10 mW	1.780	0.628	2.42	172.23	59.16	3.36%	6.17%	10
		Normalize to 1 Watt	178.02	62.81						
2026-02-01	5600	10 mW	1.831	0.609	-2.87	181.28	61.57	1.02%	-1.12%	10
		Normalize to 1 Watt	183.12	60.88						
2026-02-01	5800	10 mW	1.812	0.609	-2.50	188.95	63.45	-4.11%	-4.10%	10
		Normalize to 1 Watt	181.18	60.85						

Note:

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



6. SAR Evaluation Procedures

The procedure for assessing the average SAR value consists of the following steps:

The following steps are used for each test position

- Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 * 32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

➤ Area Scan

Parameter	DUT transmit frequency being tested	
	$f \leq 3 \text{ GHz}$	$3 \text{ GHz} < f \leq 10 \text{ GHz}$
Maximum distance between the measured points (geometric centre of the sensors) and the inner phantom surface (z_{M1} in Figure 20 in mm)	5 ± 1	$\delta \ln(2)/2 \pm 0,5^a$
Maximum spacing between adjacent measured points in mm (see O.8.3.1) ^b	20, or half of the corresponding zoom scan length, whichever is smaller	$60/f$, or half of the corresponding zoom scan length, whichever is smaller
Maximum angle between the probe axis and the phantom surface normal (α in Figure 20) ^c	5° (flat phantom only) 30° (other phantoms)	5° (flat phantom only) 20° (other phantoms)
Tolerance in the probe angle	1°	1°
^a δ is the penetration depth for a plane-wave incident normally on a planar half-space. ^b See Clause O.8 on how Δx and Δy may be selected for individual area scan requirements. ^c The probe angle relative to the phantom surface normal is restricted due to the degradation in the measurement accuracy in fields with steep spatial gradients. The measurement accuracy decreases with increasing probe angle and increasing frequency. This is the reason for the tighter probe angle restriction at frequencies above 3 GHz.		

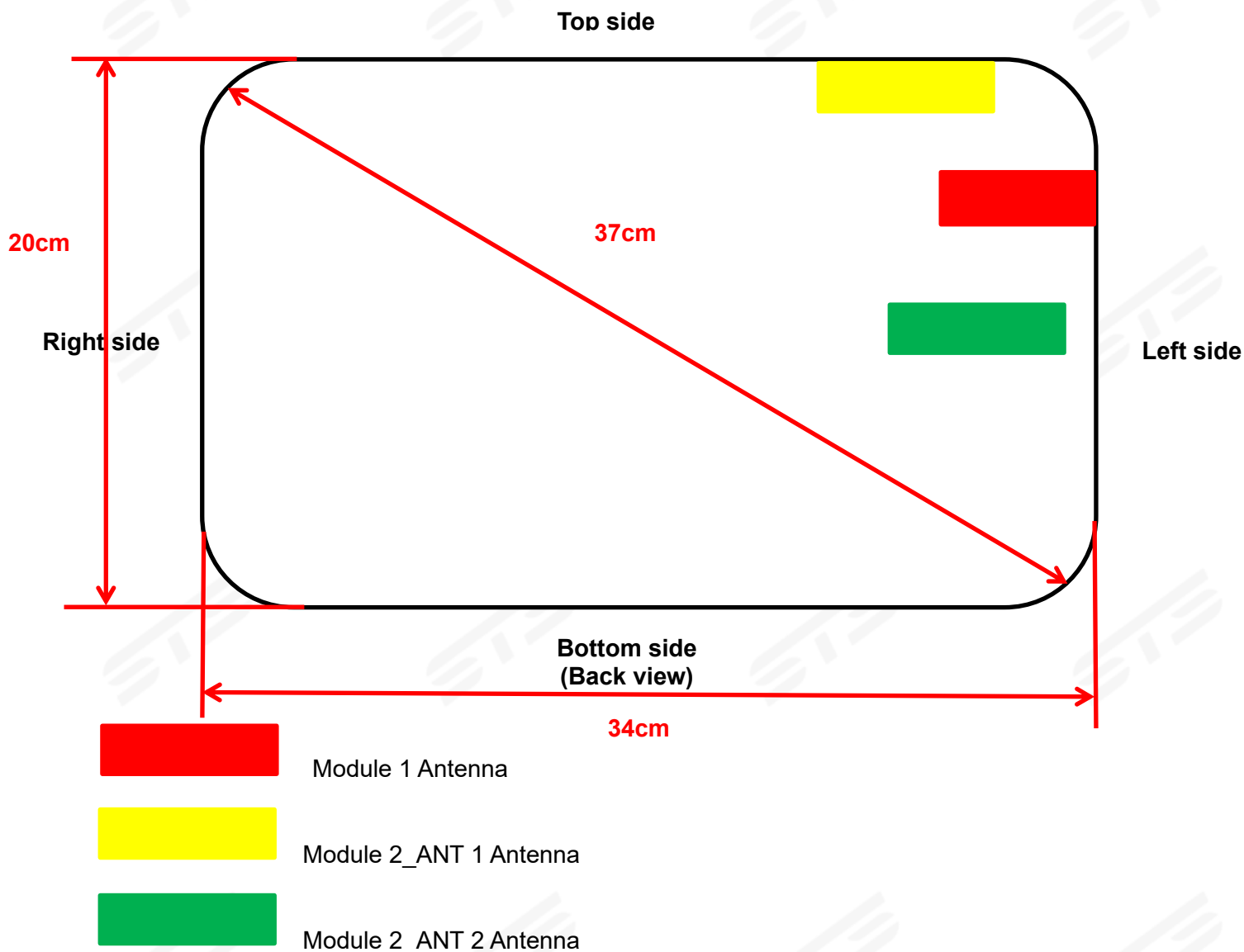


➤ Zoom Scan

Parameter	DUT transmit frequency being tested	
	$f \leq 3 \text{ GHz}$	$3 \text{ GHz} < f \leq 10 \text{ GHz}$
Maximum distance between the closest measured points and the phantom surface (z_{M1} in Figure 20 and Table 3, in mm)	5	$\delta \ln(2)/2^a$
Maximum angle between the probe axis and the phantom surface normal (α in Figure 20)	5° (flat phantom only) 30° (other phantoms)	5° (flat phantom only) 20° (other phantoms)
Maximum spacing between measured points in the x- and y-directions (Δx and Δy , in mm)	8	$24/f^b$
For uniform grids: Maximum spacing between measured points in the direction normal to the phantom shell (Δz_1 in Figure 20, in mm)	5	$10/(f - 1)$
For graded grids: Maximum spacing between the two closest measured points in the direction normal to the phantom shell (Δz_1 in Figure 20, in mm)	4	$12/f$
For graded grids: Maximum incremental increase in the spacing between measured points in the direction normal to the phantom shell ($R_z = \Delta z_2/\Delta z_1$ in Figure 20)	1,5	1,5
Minimum edge length of the zoom scan volume in the x- and y-directions (L_z in O.8.3.2, in mm)	30	22
Minimum edge length of the zoom scan volume in the direction normal to the phantom shell (L_h in O.8.3.2 in mm)	30	22
Tolerance in the probe angle	1°	1°
^a δ is the penetration depth for a plane-wave incident normally on a planar half-space.		
^b This is the maximum spacing allowed, which might not work for all circumstances.		

7. EUT Antenna Location Sketch

It is a ADV2 DIAGNOSTIC SCAN TOOL, support WLAN/BT mode.



Antenna Separation Distance(cm)					
ANT	Back Side	Left Side	Right Side	Top Side	Bottom Side
Module 1	≤ 0.5	≤ 0.5	29.7	2.8	14
Module 2_ANT 1	≤ 0.5	3.1	27.5	≤ 0.5	18.6
Module 2_ANT 2	≤ 0.5	1.1	29.5	10.1	7.5

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



7.1 SAR test exclusion consider table

NOTICE-DRS0911, Exemption Limits for Routine Evaluation -SAR Evaluation:

Frequency (MHz)	≤ 5 mm (mW)	10 mm (mW)	15 mm (mW)	20 mm (mW)	25 mm (mW)	30 mm (mW)	35 mm (mW)	40 mm (mW)	45 mm (mW)	> 50 mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296
835	21	32	41	54	72	96	129	172	228	298
1900	6	10	18	33	57	92	138	194	257	323
2450	3	7	16	32	56	89	128	170	209	245
3500	2	6	15	29	50	72	94	114	134	158
5800	1	5	13	23	32	41	54	74	102	128

Exposure Position	Wireless Interface	BT module 1	2.4 GWIFI module 1	5.2 GWIFI module 1	5.3 GWIFI module 1	5.6 GWIFI module 1	5.8 GWIFI module 1	5.9 GWIFI module 1
	Calculated Frequency(GHz)	2.48	2.412	5.2	5.32	5.5	5.745	5.885
	Maximum Turn-up power (dBm)	1.5	18.5	13	13	13.5	13	14
	Maximum rated power(mW)	1.41	70.79	19.95	19.95	22.39	19.95	25.12
	Testing required?	NO	YES	YES	YES	YES	YES	YES
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.97	3.04	1.26	1.21	1.13	1.02	0.96
	Testing required?	NO	YES	YES	YES	YES	YES	YES
Left Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	2.97	3.04	1.26	1.21	1.13	1.02	0.96
	Testing required?	NO	YES	YES	YES	YES	YES	YES
Right Side	Separation distance (cm)	29.7	29.7	29.7	29.7	29.7	29.7	29.7
	exclusion threshold(mW)	242.51	248.15	135.83	134.26	131.91	128.72	126.86
	Testing required?	NO	NO	NO	NO	NO	NO	NO
Top Side	Separation distance (cm)	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	exclusion threshold(mW)	75.44	76.26	44.13	42.78	40.77	38.02	36.45
	Testing required?	NO	NO	NO	NO	NO	NO	NO
Bottom Side	Separation distance (cm)	14	14	14	14	14	14	14
	exclusion threshold(mW)	242.51	248.15	135.83	134.26	131.91	128.72	126.89
	Testing required?	NO	NO	NO	NO	NO	NO	NO

Exposure Position	Wireless Interface	2.4 GWIFI module 2 ANT_1	2.4 GWIFI module 2 ANT_2	2.4 GWIFI module 2_MMO_ANT_1	2.4 GWIFI module 2_MMO_ANT_2	5.2 GWIFI module 2 ANT_1	5.2 GWIFI module 2 ANT_2	5.2 GWIFI module 2_MMO_ANT_1	5.2 GWIFI module 2_MMO_ANT_2	5.3 GWIFI module 2 ANT_1	5.3 GWIFI module 2 ANT_2	5.3 GWIFI module 2_MMO_ANT_1	5.3 GWIFI module 2_MMO_ANT_2
	Calculated Frequency(GHz)	2.437	2.437	2.437	2.437	5.24	5.2	5.2	5.2	5.32	5.32	5.32	5.32
	Maximum Turn-up power (dBm)	17.5	17	20	20	12	15	16.5	16.5	14	15	16.5	16.5
	Maximum rated power(mW)	56.23	50.12	100.00	100.00	15.85	31.62	44.67	44.67	25.12	31.62	44.67	44.67
	Testing required?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	3.01	3.01	3.01	3.01	1.24	1.26	1.26	1.26	1.21	1.21	1.21	1.21
	Testing required?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Left Side	Separation distance (cm)	3.1	1.1	3.1	1.1	3.1	1.1	3.1	1.1	3.1	1.1	3.1	1.1
	exclusion threshold(mW)	97.05	8.81	97.05	8.81	51.59	6.91	52.16	6.91	50.45	6.85	50.45	6.85
	Testing required?	NO	YES	YES	YES	NO	YES	NO	YES	NO	YES	NO	YES
Right Side	Separation distance (cm)	27.5	29.5	27.5	29.5	27.5	29.5	27.5	29.5	29.5	27.5	29.5	29.5
	exclusion threshold(mW)	246.08	246.08	246.08	246.08	135.30	135.83	135.83	135.83	134.26	134.26	134.26	134.26
	Testing required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Top Side	Separation distance (cm)	0.5	10.1	0.5	10.1	0.5	10.1	0.5	10.1	0.5	10.1	0.5	10.1
	exclusion threshold(mW)	3.01	246.08	3.01	246.08	1.24	135.83	1.26	135.83	1.21	134.26	1.21	134.26
	Testing required?	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Bottom Side	Separation distance (cm)	18.6	7.5	18.6	7.5	18.6	7.5	18.6	7.5	18.6	7.5	18.6	7.5
	exclusion threshold(mW)	246.08	246.08	246.08	246.08	135.30	135.83	135.83	135.83	134.26	134.26	134.26	134.26
	Testing required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Exposure Position	Wireless Interface	5.6 GWIFI module 2 ANT_1	5.6 GWIFI module 2 ANT_2	5.6 GWIFI module 2_MMO_ANT_1	5.6 GWIFI module 2_MMO_ANT_2	5.8 GWIFI module 2 ANT_1	5.8 GWIFI module 2 ANT_2	5.8 GWIFI module 2_MMO_ANT_1	5.8 GWIFI module 2_MMO_ANT_2
	Calculated Frequency(GHz)	5.7	5.58	5.58	5.58	5.745	5.825	5.825	5.825
	Maximum Turn-up power (dBm)	14	15.5	17	17	11.5	15	16.5	16.5
	Maximum rated power(mW)	25.12	35.48	50.12	50.12	14.13	31.62	44.67	44.67
	Testing required?	YES	YES	YES	YES	YES	YES	YES	YES
Back Side	Separation distance (cm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	exclusion threshold(mW)	1.04	1.10	1.10	1.10	1.02	0.99	0.99	0.99
	Testing required?	YES	YES	YES	YES	YES	YES	YES	YES
Left Side	Separation distance (cm)	3.1	1.1	3.1	1.1	3.1	1.1	3.1	1.1
	exclusion threshold(mW)	45.03	6.71	46.74	6.71	44.38	6.59	43.24	6.59
	Testing required?	NO	YES	YES	YES	NO	YES	YES	YES
Right Side	Separation distance (cm)	27.5	29.5	27.5	29.5	27.5	29.5	27.5	29.5
	exclusion threshold(mW)	129.30	130.87	130.87	130.87	128.72	127.67	127.67	127.67
	Testing required?	NO	NO	NO	NO	NO	NO	NO	NO
Top Side	Separation distance (cm)	0.5	10.1	0.5	10.1	0.5	10.1	0.5	10.1
	exclusion threshold(mW)	1.04	130.87	1.10	130.87	1.02	127.67	0.99	127.67
	Testing required?	YES	NO	YES	NO	YES	NO	YES	NO
Bottom Side	Separation distance (cm)	18.6	7.5	18.6	7.5	18.6	7.5	18.6	7.5
	exclusion threshold(mW)	129.30	130.87	130.87	130.87	128.72	127.67	127.67	127.67
	Testing required?	NO	NO	NO	NO	NO	NO	NO	NO

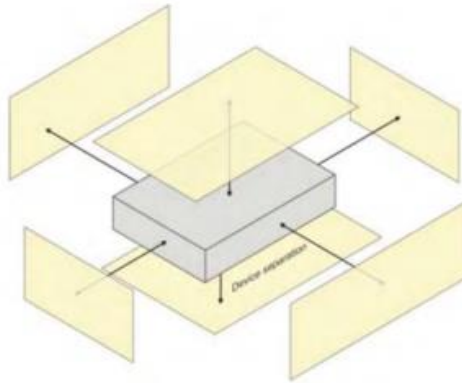
8. EUT Test Position

This EUT was tested in Front Side and Bottom Side.

8.1 Body-worn Position Conditions

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 D04 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. Uncertainty

9.1 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- SN 08/21 EPG0352									
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	5.72	N	1.00	1.00	1.00	5.72	5.72	∞
Axial Isotropy	E.2.2	0.18	R	1.73	0.71	0.71	0.07	0.07	∞
Hemispherical Isotropy	E.2.2	1.04	R	1.73	0.71	0.71	0.42	0.42	∞
Boundary effect	E.2.3	0.80	R	1.73	1.00	1.00	0.46	0.46	∞
Linearity	E.2.4	1.25	R	1.73	1.00	1.00	0.72	0.72	∞
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				10.08	9.59	
Expanded Uncertainty (95% Confidence interval)			K=2				19.58	19.18	



10. Conducted Power Measurement

10.1 Test Result

BT Module 1

BT module 1				
Mode	Channel Number	Frequency (MHz)	Conducted Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	1.12	1.29
	39	2441	1.44	1.39
	78	2480	1.45	1.40
$\pi/4$ -QPSK(2Mbps)	0	2402	0.52	1.13
	39	2441	0.72	1.18
	78	2480	0.71	1.18
8DPSK(3Mbps)	0	2402	0.45	1.11
	39	2441	0.76	1.19
	78	2480	0.75	1.19

BLE Module 1

BLE module 1				
Mode	Channel Number	Frequency (MHz)	Conducted Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	-1.79	0.66
	19	2440	-1.56	0.70
	39	2480	-1.61	0.69
GFSK(2Mbps)	0	2402	-1.79	0.66
	19	2440	-1.55	0.70
	39	2480	-1.58	0.70

2.4G WLAN Module 1

2.4GWIFI module 1				
Mode	Channel Number	Frequency (MHz)	Conducted Power (dBm)	Output Power (mW)
802.11b	1	2412	17.62	57.81
	7	2437	17.70	58.88
	11	2462	17.49	56.10
802.11g	1	2412	17.60	57.54
	7	2437	17.81	60.39
	11	2462	17.59	57.41
802.11 n-HT20	1	2412	18.18	65.77
	7	2437	18.17	65.61
	11	2462	17.91	61.80
802.11 n-HT40	3	2422	17.96	62.52
	6	2437	17.84	60.81
	9	2452	17.77	59.84

**WLAN (5.2Gband) Module 1**

5.2G WLAN module 1				
Mode	Channel Number	Frequency (MHz)	Total Power (dBm)	Output Power (mW)
802.11a	36	5180	12.26	16.83
	40	5200	12.49	17.74
	48	5240	12.28	16.90
802.11 n-HT20	36	5180	12.72	18.71
	40	5200	12.88	19.41
	48	5240	12.59	18.16
802.11 n-HT40	38	5190	12.47	17.66
	46	5230	12.27	16.87
802.11ac-VHT20	36	5180	12.21	16.63
	40	5200	12.39	17.34
	48	5240	12.13	16.33
802.11ac-VHT40	38	5190	12.39	17.34
	46	5230	12.33	17.10
802.11ac-VHT80	42	5210	12.09	16.18

WLAN (5.3Gband) Module 1

5.3G WLAN module 1				
Mode	Channel Number	Frequency (MHz)	Total Power (dBm)	Output Power (mW)
802.11a	52	5260	12.09	16.18
	60	5300	12.23	16.71
	64	5320	12.57	18.07
802.11 n-HT20	52	5260	12.39	17.34
	60	5300	12.66	18.45
	64	5320	12.93	19.63
802.11 n-HT40	54	5270	11.95	15.67
	62	5310	12.42	17.46
802.11ac-VHT20	52	5260	11.86	15.35
	60	5300	12.20	16.60
	64	5320	12.38	17.30
802.11ac-VHT40	54	5270	11.92	15.56
	62	5310	12.39	17.34
802.11ac-VHT80	58	5290	11.73	14.89

**WLAN (5.6Gband) Module 1**

5.6G WLAN module 1				
Mode	Channel Number	Frequency (MHz)	Total Power (dBm)	Output Power (mW)
802.11a	100	5500	12.43	17.50
	116	5580	11.49	14.09
	140	5700	11.57	14.35
802.11 n-HT20	100	5500	13.39	21.83
	116	5580	12.33	17.10
	140	5700	12.55	17.99
802.11 n-HT40	102	5510	12.57	18.07
	110	5550	11.85	15.31
	134	5670	11.36	13.68
802.11ac-VHT20	100	5500	12.32	17.06
	116	5580	11.36	13.68
	140	5700	11.48	14.06
802.11ac-VHT40	102	5510	12.56	18.03
	110	5550	11.91	15.52
	134	5670	11.40	13.80
802.11ac-VHT80	106	5530	12.31	17.02
	122	5610	11.41	13.84

WLAN (5.8Gband) Module 1

5.8G WLAN module 1				
Mode	Channel Number	Frequency (MHz)	Total Power (dBm)	Output Power (mW)
802.11a	149	5745	12.24	16.75
	157	5785	11.75	14.96
	165	5825	11.36	13.68
802.11 n-HT20	149	5745	12.69	18.58
	157	5785	12.51	17.82
	165	5825	12.26	16.83
802.11 n-HT40	151	5755	12.20	16.60
	159	5795	11.90	15.49
802.11ac-VHT20	149	5745	12.17	16.48
	157	5785	12.04	16.00
	165	5825	11.75	14.96
802.11ac-VHT40	151	5755	12.22	16.67
	159	5795	11.92	15.56
802.11ac-VHT80	155	5775	11.59	14.42

**2.4G WLAN Module 2**

2.4GWIFI module 2					
Mode	Channel Number	Frequency (MHz)	ANT_1 Conducted Power (dBm)	ANT_2 Conducted Power (dBm)	ANT_1+2 Conducted Power (dBm)
802.11b	1	2412	16.83	16.82	N/A
	7	2437	17.03	16.83	N/A
	11	2462	16.90	16.75	N/A
802.11g	1	2412	16.64	16.34	N/A
	7	2437	16.71	16.75	N/A
	11	2462	16.36	16.37	N/A
802.11 n-HT20	1	2412	16.64	16.44	19.55
	7	2437	16.56	16.50	19.54
	11	2462	16.31	16.45	19.39
802.11 n-HT40	3	2422	15.72	15.69	18.72
	6	2437	14.60	14.76	17.69
	9	2452	14.55	14.76	17.67
802.11ax-HE20	1	2412	16.41	16.25	19.34
	7	2437	16.61	16.65	19.64
	11	2462	16.54	16.44	19.50
802.11ax-HE40	3	2422	15.60	15.74	18.68
	6	2437	15.69	15.79	18.75
	9	2452	15.65	15.66	18.67

WLAN (5.2Gband) Module 2

5.2G WLAN module 2					
Mode	Channel Number	Frequency (MHz)	ANT_1 Total Power (dBm)	ANT_2 Total Power (dBm)	ANT_1+2 Total Power (dBm)
802.11a	36	5180	11.92	12.34	N/A
	40	5200	11.64	12.04	N/A
	48	5240	12.00	12.29	N/A
802.11 n-HT20	36	5180	10.91	11.47	14.21
	40	5200	10.97	14.94	16.40
	48	5240	11.04	10.07	13.59
802.11 n-HT40	38	5190	10.10	12.99	14.79
	46	5230	9.84	10.65	13.27
802.11ac-VHT20	36	5180	9.84	10.62	13.26
	40	5200	9.89	13.64	15.17
	48	5240	10.04	8.74	12.45
802.11ac-VHT40	38	5190	9.98	12.76	14.60
	46	5230	9.84	10.41	13.14
802.11ac-VHT80	42	5210	9.43	13.39	14.86
802.11ax-HEW20	36	5180	9.98	10.42	13.22
	40	5200	9.87	14.21	15.57
	48	5240	10.20	8.99	12.65
802.11ax-HEW40	38	5190	9.77	12.67	14.47
	46	5230	9.96	10.66	13.33
802.11ax-HEW80	42	5210	9.60	13.62	15.07

**WLAN (5.3Gband) Module 2**

5.3G WLAN module 2					
Mode	Channel Number	Frequency (MHz)	ANT_1 Total Power (dBm)	ANT_2 Total Power (dBm)	ANT_1+2 Total Power (dBm)
802.11a	52	5260	11.92	11.80	N/A
	60	5300	11.69	11.85	N/A
	64	5320	11.90	11.92	N/A
802.11 n-HT20	52	5260	8.81	11.66	13.48
	60	5300	12.33	11.66	15.02
	64	5320	11.84	14.65	16.48
802.11 n-HT40	54	5270	11.82	8.73	13.55
	62	5310	11.73	14.36	16.25
802.11ac-VHT20	52	5260	7.86	10.69	12.51
	60	5300	10.86	11.67	14.29
	64	5320	13.55	11.00	15.47
802.11ac-VHT40	54	5270	7.46	11.05	12.63
	62	5310	10.65	13.06	15.03
802.11ac-VHT80	58	5290	10.56	10.46	13.52
802.11ax-HEW20	52	5260	7.72	10.69	12.46
	60	5300	11.16	10.70	13.95
	64	5320	11.05	13.64	15.55
802.11ax-HEW40	54	5270	10.91	7.76	12.62
	62	5310	10.82	13.05	15.09
802.11ax-HEW80	58	5290	11.10	10.31	13.73

WLAN (5.6Gband) Module 2

5.6G WLAN module 2					
Mode	Channel Number	Frequency (MHz)	ANT_1 Total Power (dBm)	ANT_2 Total Power (dBm)	ANT_1+2 Total Power (dBm)
802.11a	100	5500	10.68	12.19	N/A
	116	5580	11.40	11.30	N/A
	140	5700	11.61	11.34	N/A
802.11 n-HT20	100	5500	10.45	12.23	14.44
	116	5580	11.18	15.26	16.69
	140	5700	13.88	11.36	15.81
802.11 n-HT40	102	5510	12.28	9.33	14.06
	110	5550	12.56	12.13	15.36
	134	5670	11.51	12.40	14.99
802.11ac-VHT20	100	5500	12.36	9.95	14.33
	116	5580	10.35	14.56	15.96
	140	5700	10.58	13.33	15.18
802.11ac-VHT40	102	5510	11.53	8.54	13.30
	110	5550	11.08	11.05	14.08
	134	5670	10.21	10.62	13.43
802.11ac-VHT80	106	5530	11.48	8.43	13.23
	122	5610	9.80	8.83	12.35
802.11ax-HEW20	100	5500	11.59	9.05	13.51
	116	5580	10.38	14.39	15.84
	140	5700	10.65	13.22	15.13
802.11ax-HEW40	102	5510	11.44	8.64	13.27
	110	5550	11.18	11.10	14.15
	134	5670	10.53	11.40	14.00
802.11ax-HEW80	106	5530	12.07	8.59	13.68
	122	5610	10.60	9.03	12.90

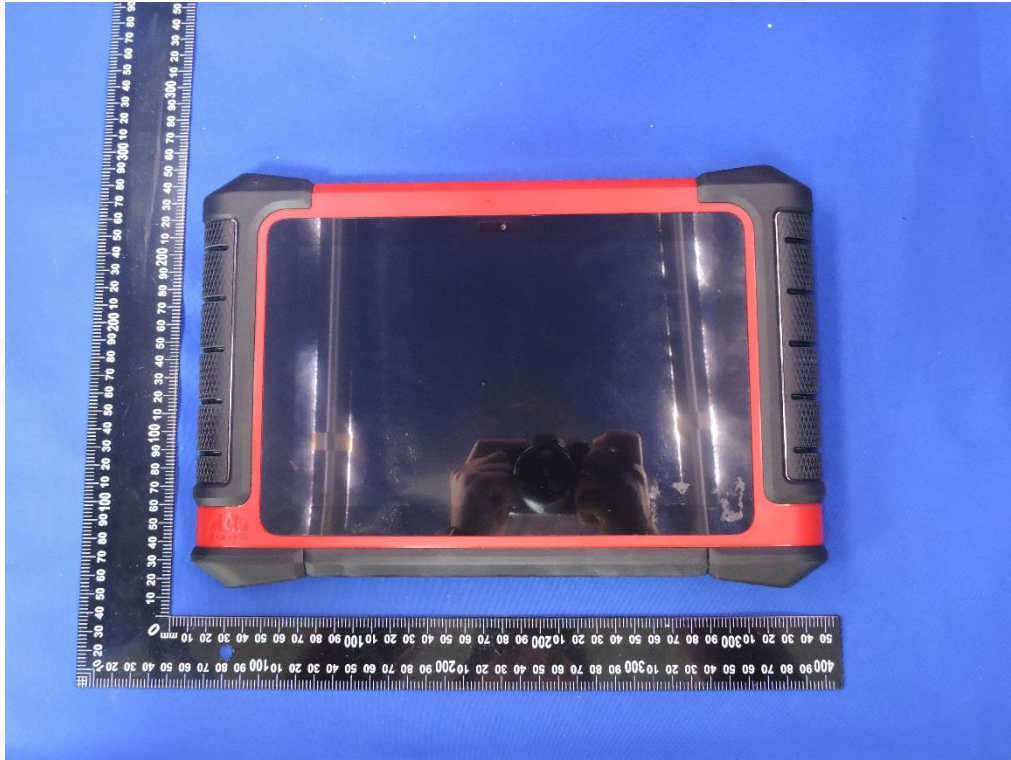
**WLAN (5.8Gband) Module 2**

5.8G WLAN module 2					
Mode	Channel Number	Frequency (MHz)	ANT_1 Total Power (dBm)	ANT_2 Total Power (dBm)	ANT_1+2 Total Power (dBm)
802.11a	149	5745	11.26	11.50	N/A
	157	5785	11.07	11.69	N/A
	165	5825	11.43	11.63	N/A
802.11 n-HT20	149	5745	11.49	8.90	13.40
	157	5785	11.30	11.54	14.43
	165	5825	11.23	14.54	16.20
802.11 n-HT40	151	5755	11.22	8.13	12.95
	159	5795	11.41	13.42	15.54
802.11ac-VHT20	149	5745	10.57	7.92	12.45
	157	5785	10.17	10.25	13.22
	165	5825	10.33	13.44	15.17
802.11ac-VHT40	151	5755	10.25	6.95	11.92
	159	5795	10.31	12.25	14.40
802.11ac-VHT80	155	5775	10.81	9.00	13.01
802.11ax-HEW20	149	5745	10.55	7.83	12.41
	157	5785	10.35	10.36	13.37
	165	5825	10.26	13.36	15.09
802.11ax-HEW40	151	5755	10.35	7.20	12.06
	159	5795	10.58	12.46	14.63
802.11ax-HEW80	155	5775	10.29	8.36	12.44

11. EUT and Test Setup Photo

11.1 EUT Photo

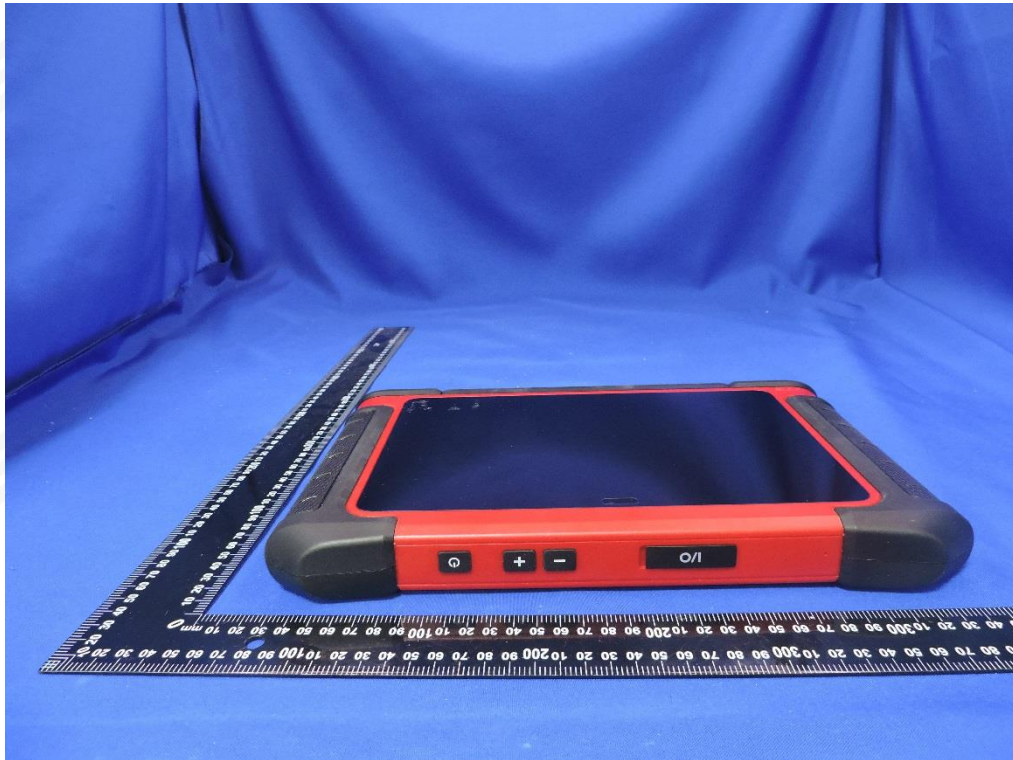
Front side



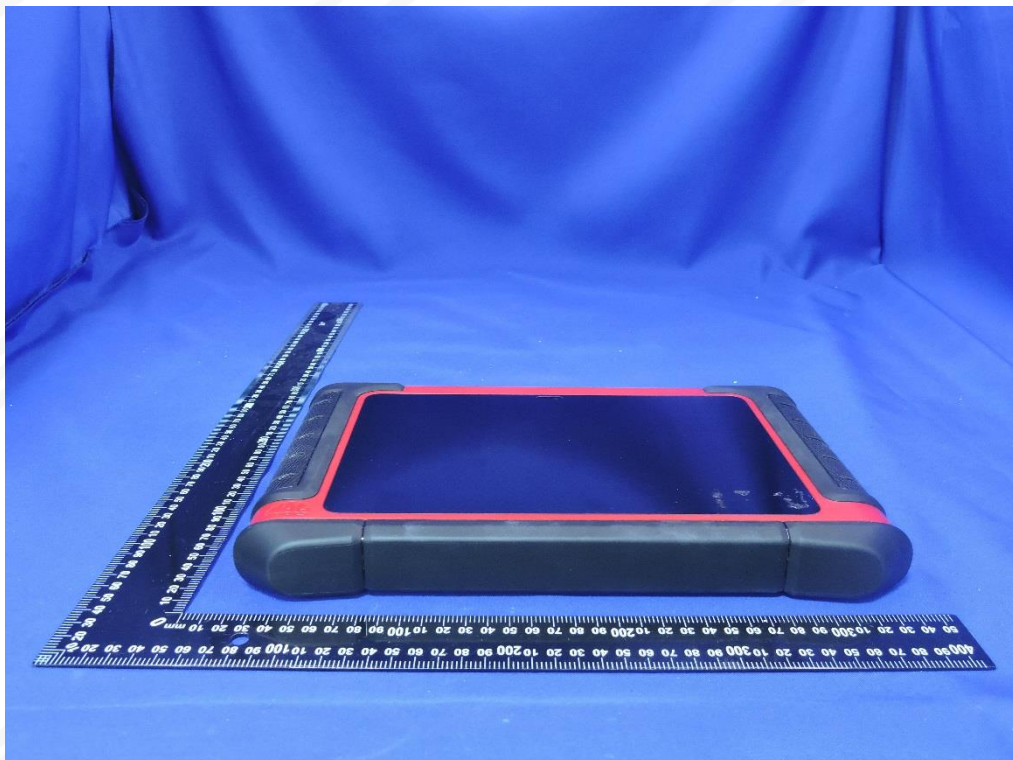
Back side



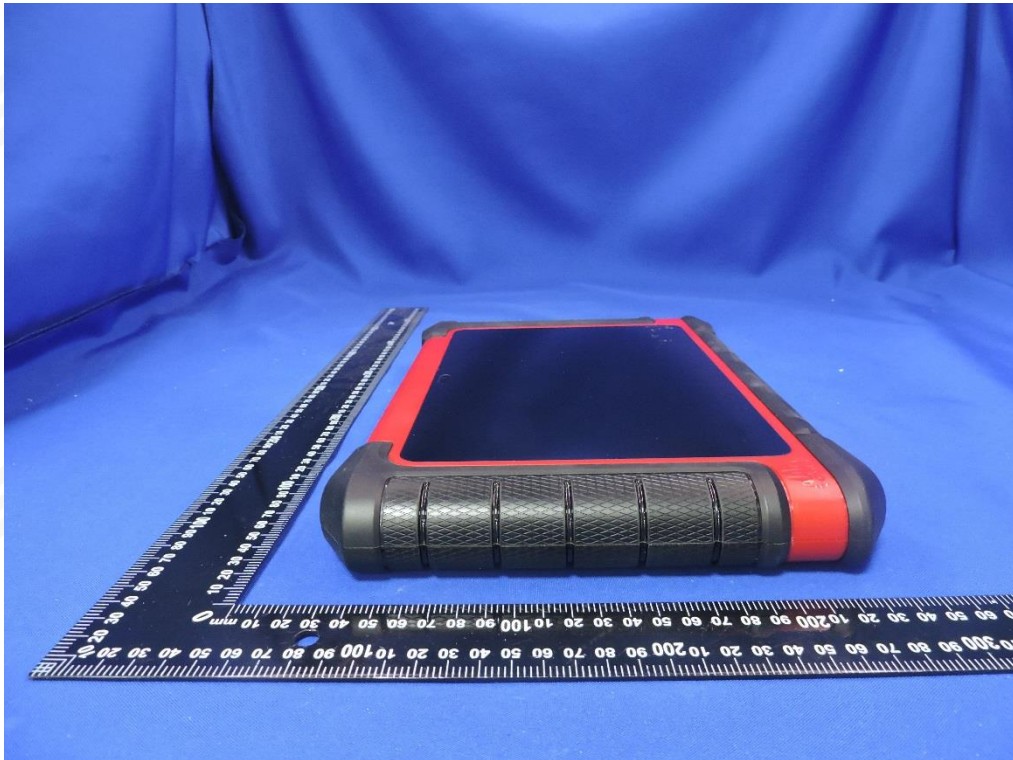
Top side



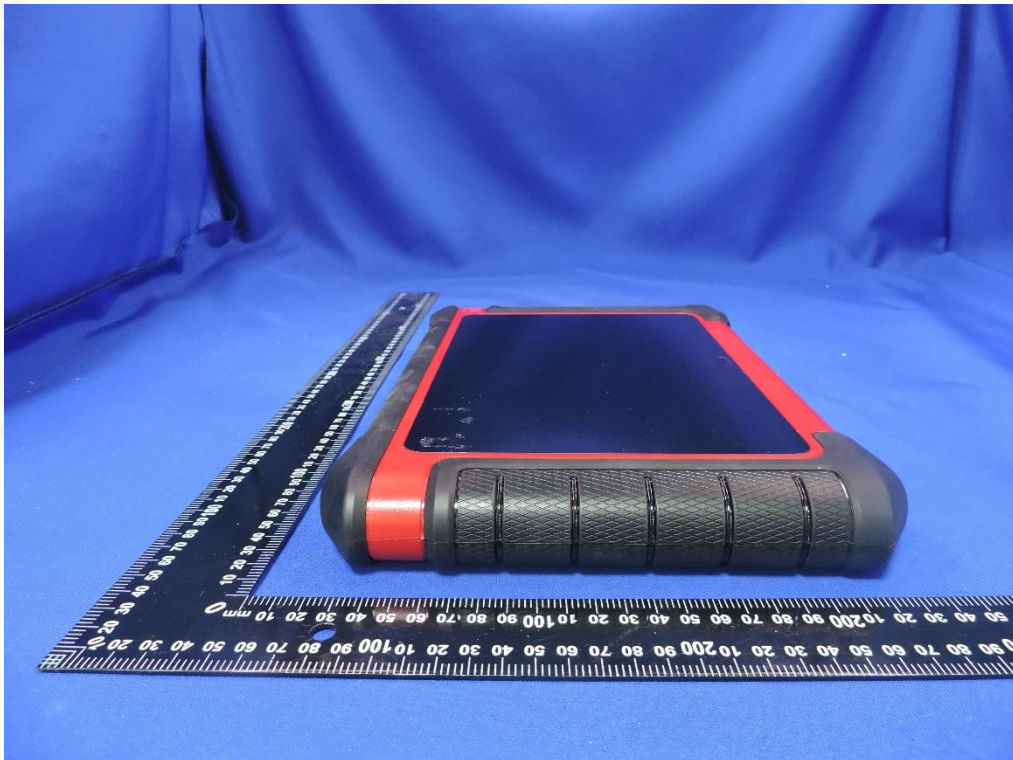
Bottom side



Left side



Right side





11.2 Setup Photo

Body Back Side (separation distance is 0mm)



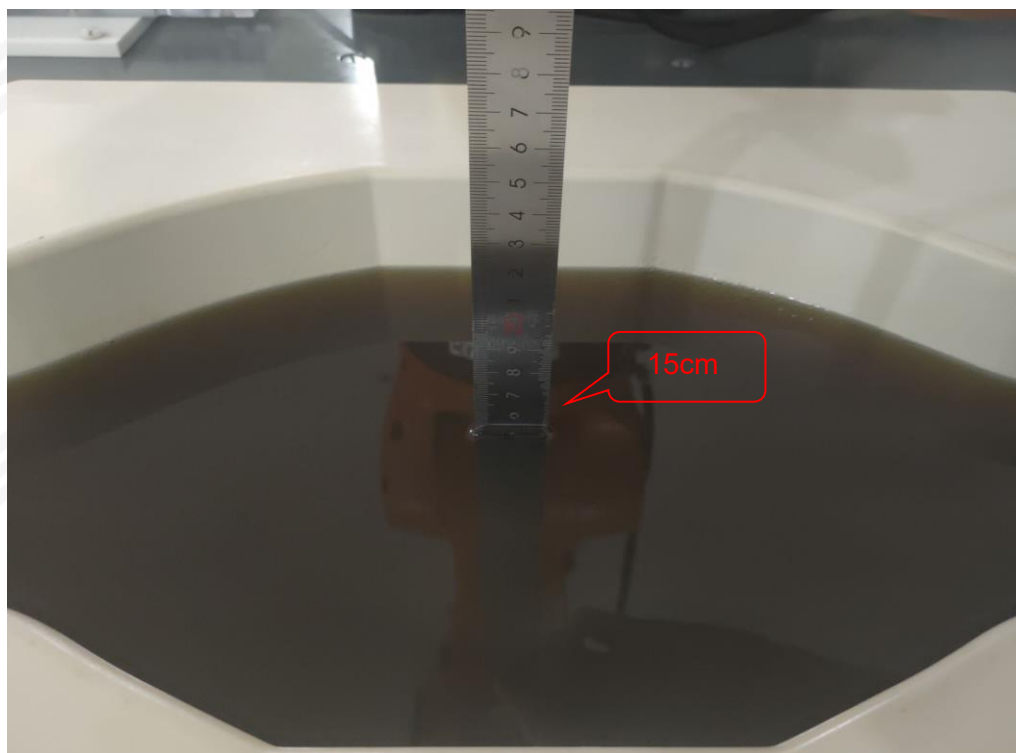
Body Left Side (separation distance is 0mm)



Body Top Side (separation distance is 0mm)



Liquid depth (15 cm)





12. SAR Result Summary

12.1 Body-worn SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max.Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaled SAR (W/Kg)	Meas.No
2.4G WIFI module 1	802.11 n-HT20	Back Side	2412	0.341	0.48	18.50	18.18	0.367	1
		Left Side	2412	0.251	-1.69	18.50	18.18	0.270	/
5.2G WIFI module 1	802.11 n-HT20	Back Side	5200	0.318	0.96	13.00	12.88	0.327	2
		Left Side	5200	0.269	-2.01	13.00	12.88	0.277	/
5.3G WIFI module 1	802.11 n-HT20	Back Side	5260	0.555	-3.17	12.50	12.39	0.569	/
		Back Side	5300	0.547	3.90	13.00	12.66	0.592	/
		Back Side	5320	0.597	2.97	13.00	12.93	0.607	3
		Left Side	5320	0.410	-2.31	13.00	12.93	0.417	/
5.6G WIFI module 1	802.11 n-HT20	Back Side	5500	0.305	1.17	13.50	13.39	0.313	4
		Left Side	5500	0.206	-2.05	13.50	13.39	0.211	/
5.8G WIFI module 1	802.11 n-HT20	Back Side	5745	0.318	-1.58	13.00	12.69	0.342	5
		Left Side	5745	0.211	-3.46	13.00	12.69	0.227	/
2.4G WIFI module 2 ANT_1	802.11b	Back Side	2437	0.537	-0.60	17.50	17.05	0.596	6
		Top Side	2437	0.414	1.93	17.50	17.05	0.459	/
2.4G WIFI module 2 ANT_2	802.11b	Back Side	2437	0.329	0.42	17.00	16.83	0.342	7
		Left Side	2437	0.250	3.70	17.00	16.83	0.260	/
2.4G WIFI module 2_MIMO_ANT_1	802.11ax-HE20	Back Side	2437	0.332	0.06	20.00	19.64	0.361	8
		Left Side	2437	0.214	0.03	20.00	19.64	0.232	/
		Top Side	2437	0.098	3.41	20.00	19.64	0.106	9
2.4G WIFI module 2_MIMO_ANT_2	802.11 n-HT40	Back Side	2437	0.217	-1.04	20.00	19.64	0.236	/
		Left Side	2437	0.136	3.16	20.00	19.64	0.148	/
5.2G WIFI module 2 ANT_1	802.11a	Back Side	5240	0.147	-0.07	12.00	12.00	0.147	10
		Top Side	5240	0.074	2.66	12.00	12.00	0.074	/
5.2G WIFI module 2 ANT_2	802.11 n-HT20	Back Side	5200	0.128	-0.56	15.00	14.84	0.133	11
		Left Side	5200	0.069	-0.82	15.00	14.84	0.072	/
5.2G WIFI module 2_MIMO_ANT_1	802.11 n-HT20	Back Side	5200	0.179	-2.92	16.50	16.40	0.183	12
		Top Side	5200	0.102	2.05	16.50	16.40	0.104	/
5.2G WIFI module 2_MIMO_ANT_2	802.11 n-HT20	Back Side	5200	0.187	2.59	16.50	16.40	0.191	13
		Left Side	5200	0.114	0.68	16.50	16.40	0.117	/
5.3G WIFI module 2 ANT_1	802.11ac-VHT20	Back Side	5320	0.188	-2.68	14.00	13.55	0.209	14
		Top Side	5320	0.125	-3.74	14.00	13.55	0.139	/
5.3G WIFI module 2 ANT_2	802.11 n-HT20	Back Side	5320	0.197	-2.12	15.00	14.64	0.214	15
		Left Side	5320	0.089	0.15	15.00	14.64	0.097	/



5.3G WIFI module 2_MIMO_ANT_1	802.11 n- HT20	Back Side	5320	0.460	-2.08	16.50	16.48	0.462	16
		Top Side	5320	0.233	-2.43	16.50	16.48	0.234	/
5.3G WIFI module 2_MIMO_ANT_2	802.11 n- HT20	Back Side	5320	0.446	-0.97	16.50	16.48	0.448	17
		Left Side	5320	0.298	-3.37	16.50	16.48	0.299	/
5.6G WIFI module 2 ANT_1	802.11 n- HT20	Back Side	5700	0.272	3.02	14.00	13.88	0.280	18
		Top Side	5700	0.210	2.78	14.00	13.88	0.216	/
5.6G WIFI module 2 ANT_2	802.11 n- HT20	Back Side	5580	0.252	-0.69	15.50	15.26	0.266	19
		Left Side	5580	0.147	-2.09	15.50	15.26	0.155	/
5.6G WIFI module 2_MIMO_ANT_1	802.11 n- HT20	Back Side	5580	0.513	-2.37	17.00	16.69	0.551	20
		Top Side	5580	0.347	-1.27	17.00	16.69	0.373	/
5.6G WIFI module 2_MIMO_ANT_2	802.11 n- HT20	Back Side	5580	0.329	1.85	17.00	16.69	0.353	21
		Left Side	5580	0.207	2.52	17.00	16.69	0.222	/
5.8G WIFI module 2 ANT_1	802.11 n- HT20	Back Side	5745	0.331	3.39	11.50	11.49	0.332	22
		Top Side	5745	0.199	-2.31	11.50	11.49	0.199	/
5.8G WIFI module 2 ANT_2	802.11 n- HT20	Back Side	5825	0.296	-1.16	15.00	14.54	0.329	23
		Left Side	5825	0.136	0.07	15.00	14.54	0.151	/
5.8G WIFI module 2_MIMO_ANT_1	802.11 n- HT20	Back Side	5775	0.185	-3.35	16.50	16.20	0.198	24
		Top Side	5775	0.125	-0.79	16.50	16.20	0.134	/
5.8G WIFI module 2_MIMO_ANT_2	802.11 n- HT20	Back Side	5775	0.184	-0.11	16.50	16.20	0.197	25
		Left Side	5775	0.144	-1.11	16.50	16.20	0.154	/



Band	ANT	Max SAR (W/Kg)	2.4G WLAN_MIMO_ANT_1+2
2.4G WLAN_MIMO_ANT_1+2	ANT-1	0.361	0.596
	ANT-2	0.236	
Band	ANT	Max SAR (W/Kg)	5.2G WLAN_MIMO_ANT_1+2
5.2G WLAN_MIMO_ANT_1+2	ANT-1	0.183	0.375
	ANT-2	0.191	
Band	ANT	Max SAR (W/Kg)	5.3G WLAN_MIMO_ANT_1+2
5.3G WLAN_MIMO_ANT_1+2	ANT-1	0.462	0.910
	ANT-2	0.448	
Band	ANT	Max SAR (W/Kg)	5.6G WLAN_MIMO_ANT_1+2
5.6G WLAN_MIMO_ANT_1+2	ANT-1	0.551	0.904
	ANT-2	0.353	
Band	ANT	Max SAR (W/Kg)	5.8G WLAN_MIMO_ANT_1+2
5.8G WLAN_MIMO_ANT_1+2	ANT-1	0.198	0.395
	ANT-2	0.197	

Note:

1. The test separation of all above table is 0mm.
2. Per KDB 447498 D04, 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
3. Per KDB 248227- When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg. (The highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power was **0.538** W/Kg for Body)
4. When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The "Portable Hotspot" feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.



12.2 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Body	1. BT module 1+2.4G/5G WIFI module 2_ANT1
	2. BT module 1+2.4G/5G WIFI module 2_ANT2
	3. BT module 1+2.4G/5G WIFI_MIMO_Module 2
	4. 2.4G WIFI module 1+2.4G/5G WIFI module 2_ANT1
	5. 2.4G WIFI module 1+2.4G/5G WIFI module 2_ANT2
	6. 2.4G WIFI module 1+2.4G/5G WIFI_MIMO_Module 2
	7. 5G WIFI module 1+2.4G/5G WIFI module 2_ANT1
	8. 5G WIFI module 1+2.4G/5G WIFI module2_ANT2
	9. 5G WIFI module 1+2.4G/5G WIFI_MIMO_Module 2

NOTE:

1. Based upon KDB 447498 D01, BT SAR is excluded as below table.
2. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
3. For minimum test separation distance $\leq 50\text{mm}$, Bluetooth standalone SAR is excluded according to $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f} (\text{GHz}) / x] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
4. The reported SAR summation is calculated based on the same configuration and test position.
5. According to DRS Notice 2016-DRS001, the estimate SAR value is calculated based the following equation:
(maximum power level including tune-up tolerance for transmitter A / maximum power level of exemption at the same frequency and distance) * 0.4W/kg

Estimated SAR		Maximum turn-up Power		Antenna to user(mm)	Frequency(GHz)	Power exemption threshold(mW)	Stand Alone SAR(1g) [W/kg]
		dBm	mW				
BT	Body	1.5	1.41	5	2480	2.97	0.190



Simultaneous Mode	Position	Mode	Max. 1-g SAR	1-g Sum SAR
			(W/kg)	(W/kg)
BT module 1+2.4G WIFI module 2_ANT 1	Body	BT	0.190	0.786
		2.4G WIFI module 2_ANT 1	0.596	
BT module 1+2.4G WIFI module 2_ANT 2	Body	BT	0.190	0.532
		2.4G WIFI module 2_ANT 2	0.342	
BT module 1+2.4G WIFI module 2_ANT 1+2	Body	BT	0.190	0.786
		2.4G WIFI module 2_ANT 1+2	0.596	
BT module 1+5G WIFI module 2_ANT 1	Body	BT	0.190	0.522
		5G WIFI module 2_ANT 1	0.332	
BT module 1+5G WIFI module 2_ANT 2	Body	BT	0.190	0.519
		5G WIFI module 2_ANT 2	0.329	
BT module 1+5G WIFI module 2_ANT 1+2	Body	BT	0.190	1.100
		5G WIFI module 2_ANT 1+2	0.910	
2.4G WIFI module 1+2.4G WIFI module 2_ANT 1	Body	2.4G WIFI module 1	0.367	0.963
		2.4G WIFI module 2_ANT 1	0.596	
2.4G WIFI module 1+2.4G WIFI module 2_ANT 2	Body	2.4G WIFI module 1	0.367	0.709
		2.4G WIFI module 2_ANT 2	0.342	
2.4G WIFI module 1+2.4G WIFI module 2_ANT 1+2	Body	2.4G WIFI module 1	0.367	0.963
		2.4G WIFI module 2_ANT 1+2	0.596	
2.4G WIFI module 1+5G WIFI module 2_ANT 1	Body	2.4G WIFI module 1	0.367	0.699
		5G WIFI module 2_ANT 1	0.332	
2.4G WIFI module 1+5G WIFI module 2_ANT 2	Body	2.4G WIFI module 1	0.367	0.696
		5G WIFI module 2_ANT 2	0.329	
2.4G WIFI module 1+5G WIFI module 2_ANT 1+2	Body	2.4G WIFI module 1	0.367	1.277
		5G WIFI module 2_ANT 1+2	0.910	
5G WIFI module 1+2.4G WIFI module 2_ANT 1	Body	5G WIFI module 1	0.607	1.203
		2.4G WIFI module 2_ANT 1	0.596	
5G WIFI module 1+2.4G WIFI module 2_ANT 2	Body	5G WIFI module 1	0.607	0.949
		2.4G WIFI module 2_ANT 2	0.342	
5G WIFI module 1+2.4G WIFI module 2_ANT 1+2	Body	5G WIFI module 1	0.607	1.203
		2.4G WIFI module 2_ANT 1+2	0.596	
5G WIFI module 1+5G WIFI module 2_ANT 1	Body	5G WIFI module 1	0.607	0.939
		5G WIFI module 2_ANT 1	0.332	
5G WIFI module 1+5G WIFI module 2_ANT 2	Body	5G WIFI module 1	0.607	0.936
		5G WIFI module 2_ANT 2	0.329	
5G WIFI module 1+5G WIFI module 2_ANT 1+2	Body	5G WIFI module 1	0.607	1.517
		5G WIFI module 2_ANT 1+2	0.910	

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

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



13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
SAR Test System	SATIMO	N/A	V5.3.15.11	N/A	N/A
2450MHzDipole	MVG	SID2450	SN 30/14 DIP2G450-335	2023.07.04	2026.07.03
Waveguide	MVG	SWG5500	SN 13/14 WGA32	2023.07.04	2026.07.03
E-Field Probe	MVG	SSE2	SN 08/21 EPGO352	2025.09.15	2026.09.14
Dielectric Probe Kit	MVG	SCLMP	SN 32/14 OCPG67	2025.09.15	2026.09.14
Antenna	MVG	ANTA3	SN 07/13 ZNTA52	N/A	N/A
Phantom1	MVG	SAM	SN 32/14 SAM115	N/A	N/A
Phantom3	MVG	SAM	SN 21/21 ELLI48	N/A	N/A
Phone holder	MVG	N/A	SN 32/14 MSH97	N/A	N/A
Laptop holder	MVG	N/A	SN 32/14 LSH29	N/A	N/A
Attenuator	Agilent	HXT-10-8-SMA	240327017	2025-02-22	2026-02-21
Directional coupler	Xi'an Xingbo	XBOH-OA08-20dB	211123-4-3	2025-02-22	2026-02-21
Network Analyzer	Agilent	E5071C	MY46520378	2025-09-26	2026-09-24
Multi Meter	Keithley	Multi Meter 2000	4050073	2025-09-22	2026-09-21
Signal Generator	Agilent	N5182A	MY50140530	2025-09-26	2026-09-25
Wireless Communication Test Set	Agilent	8960-E5515C	MY48360751	2025-02-22	2026-02-21
Wireless Communication Test Set	R&S	CMW500	156324	2025-09-25	2026-09-24
Power Amplifier	DESAY	WCS-DLNA50M8G50G1	CSKJLNA231227A	2025-09-29	2026-09-28
Power Meter	R&S	NRP	100510	2025-09-25	2026-09-24
Power Sensor	R&S	NRP-Z11	101919	2025-09-25	2026-09-24
Power Sensor	Keysight	U2021XA	MY56280002	2025-09-25	2026-09-24
Temperature hygrometer	TOPRIE	TP502V4-P	6700000124198	2025.10.09	2026.10.08
Thermograph	Elitech	RC-4	S/N EF7176501537	2025.10.17	2026.10.16



Appendix A. System Validation Plots

System Performance Check Data (2450MHz)

Type: Phone measurement (Complete)

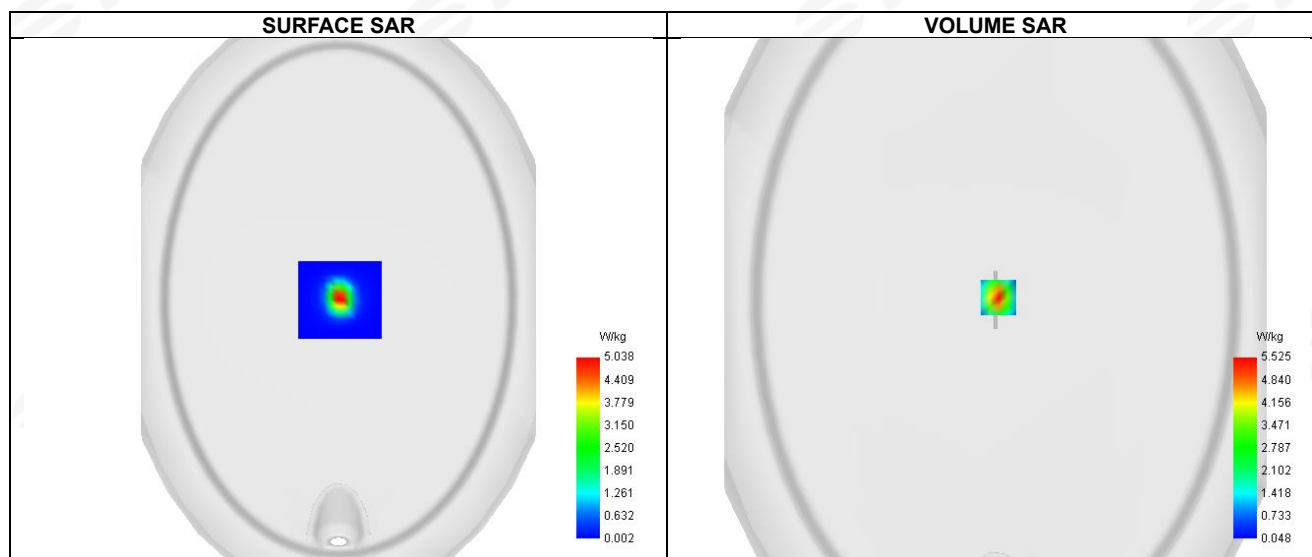
Area scan resolution: dx=8mm, dy=8mm

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

Date of measurement: 2026-01-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.15
Conductivity (S/m)	1.79
Probe	SN 08/21 EPG0352
ConvF	1.82
Crest factor:	1:1



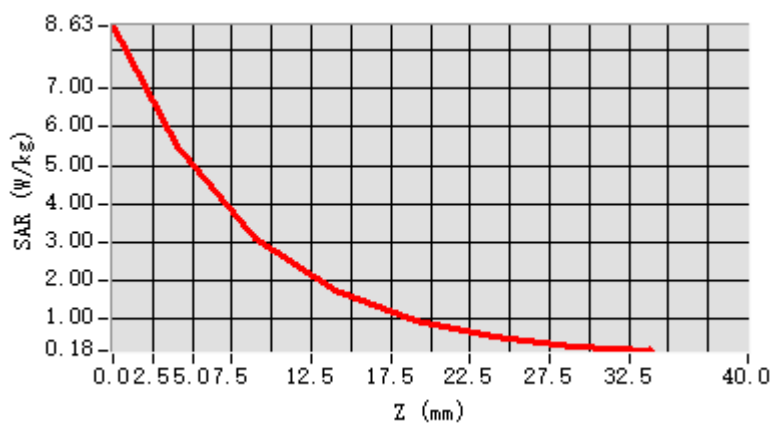
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 8.61 W/kg

D. SAR 1g & 10g

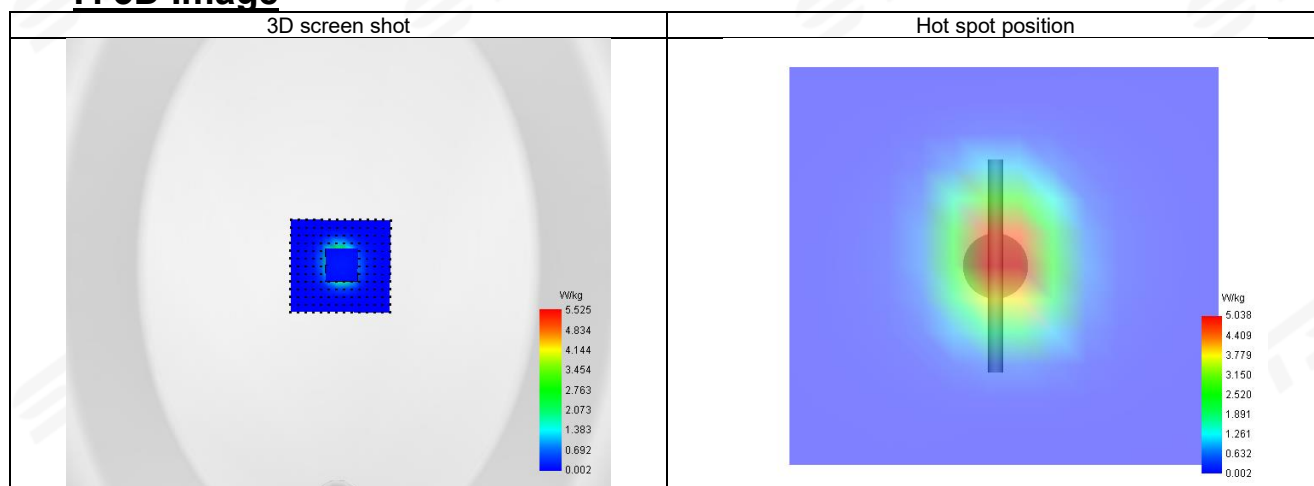
SAR 10g (W/Kg)	2.433
SAR 1g (W/Kg)	5.395
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.753153

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	8.629	5.525	3.080	1.725	0.978	0.550	0.309



F. 3D Image



System Performance Check Data (5200MHz)

Type: Dipole measurement (Complete)

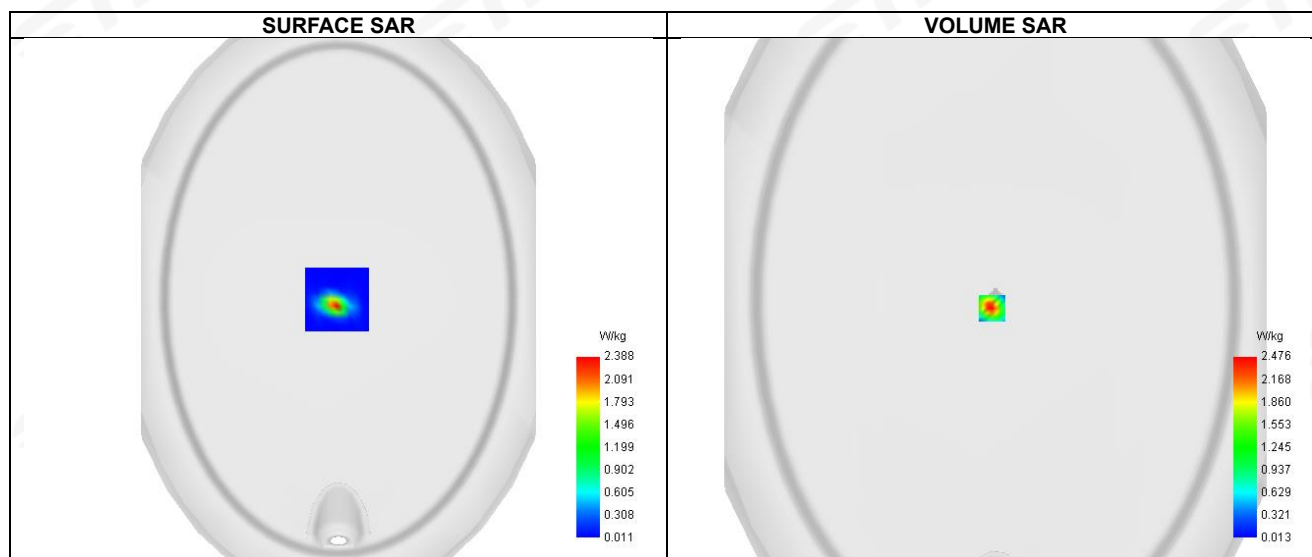
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-01-29

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5200MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5200
Relative permittivity	36.13
Conductivity (S/m)	4.67
Probe	SN 08/21 EPGO352
ConvF	1.37
Crest factor:	1:1



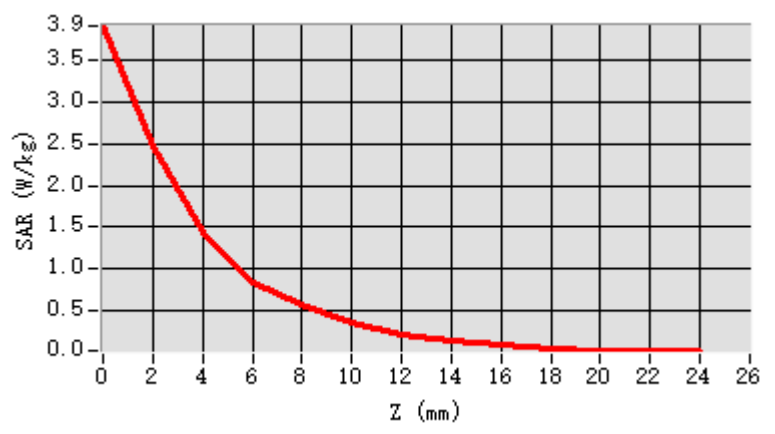
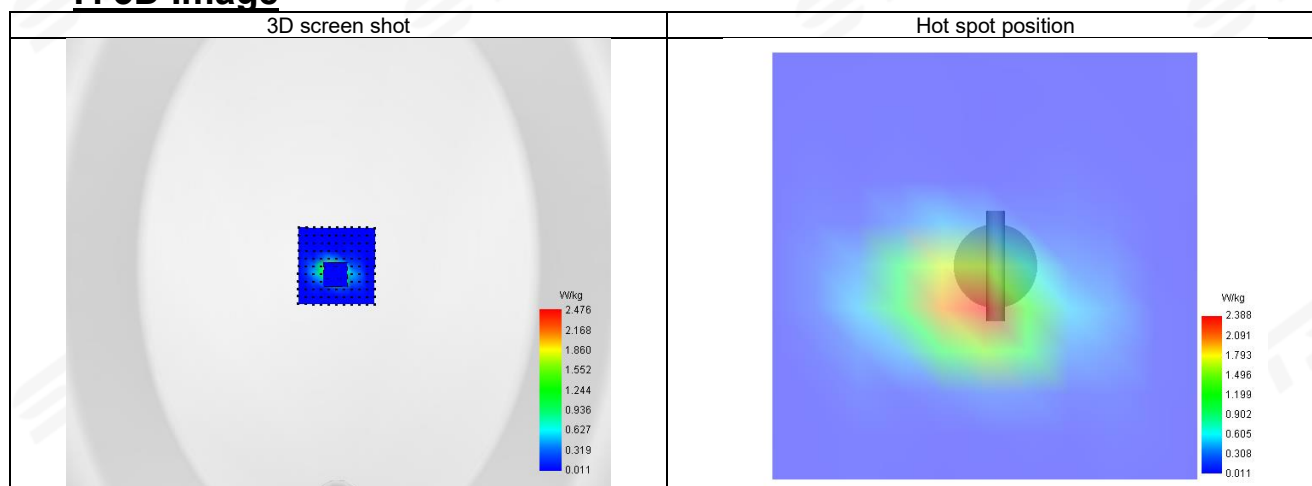
Maximum location: X=-3.00, Y=-8.00 ; SAR Peak: 4.16 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.563
SAR 1g (W/Kg)	1.645
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	57.858396

**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	24.00
SAR (W/Kg)	3.914	2.476	1.433	0.826	0.562	0.347	0.215	0.133	0.082	0.051	0.031	0.019	0.019

**F. 3D Image**

**System Performance Check Data (5400MHz)**

Type: Dipole measurement (Complete)

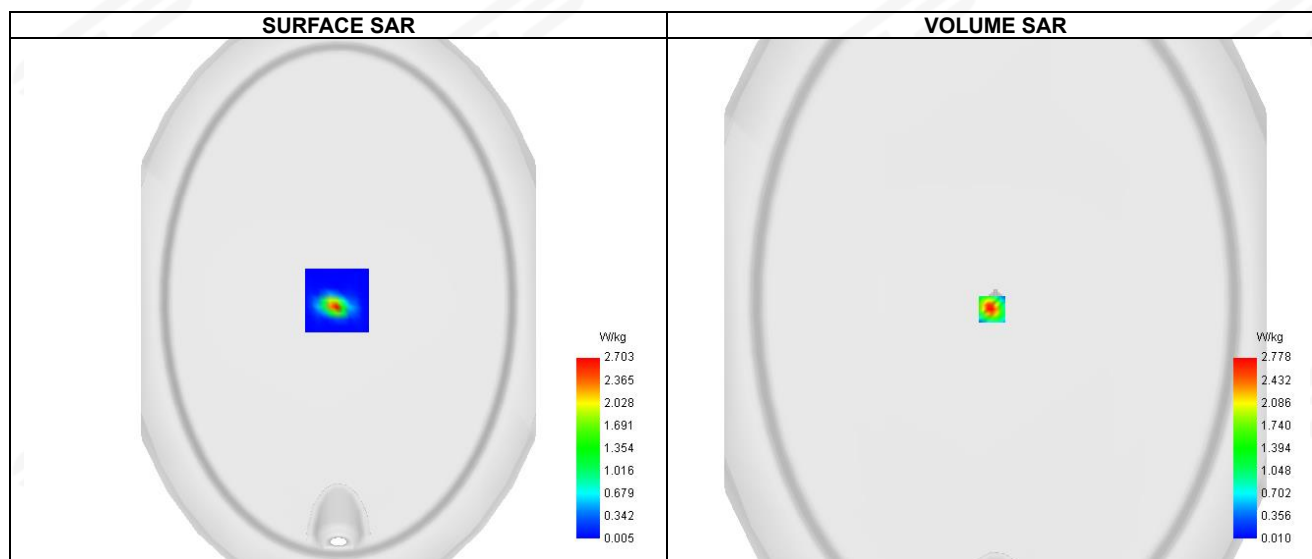
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-01-30

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5400MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5400
Relative permittivity	36.68
Conductivity (S/m)	4.79
Probe	SN 08/21 EPGO352
ConvF	1.26
Crest factor:	1:1



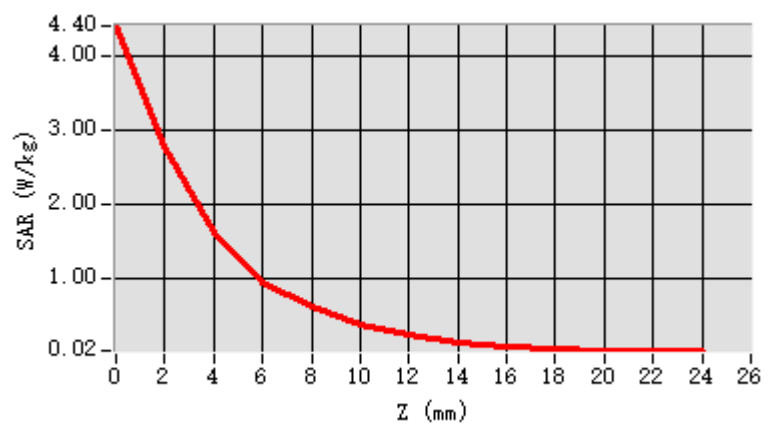
Maximum location: X=-3.00, Y=-8.00 ; SAR Peak: 4.70 W/kg

D. SAR 1g & 10g

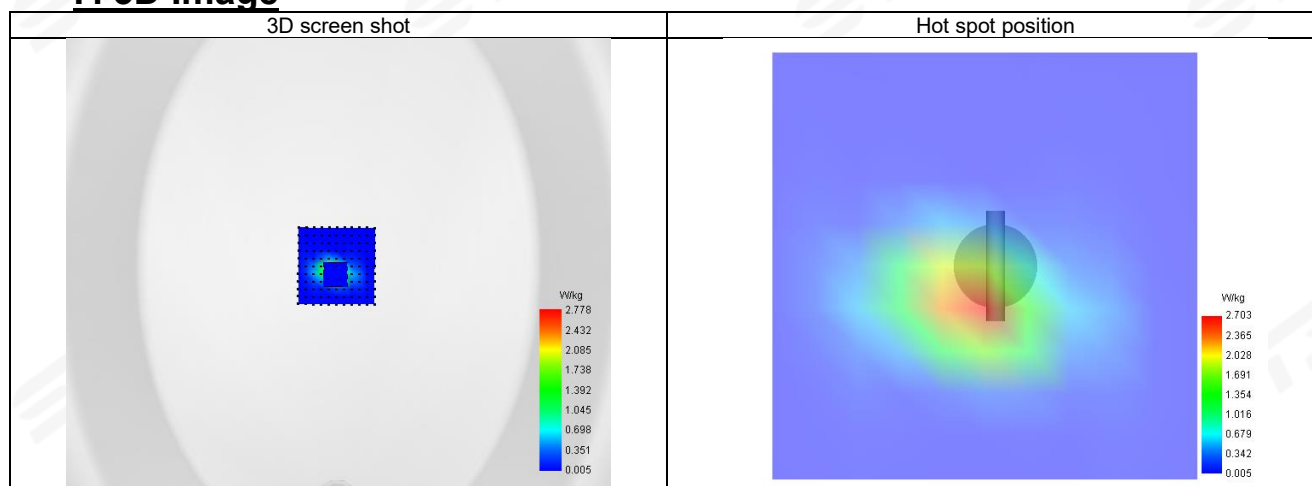
SAR 10g (W/Kg)	0.628
SAR 1g (W/Kg)	1.780
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	57.984140

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	24.00
SAR (W/Kg)	4.397	2.778	1.611	0.926	0.603	0.366	0.222	0.135	0.082	0.050	0.030	0.018	0.010



F. 3D Image



**System Performance Check Data (5600MHz)**

Type: Dipole measurement (Complete)

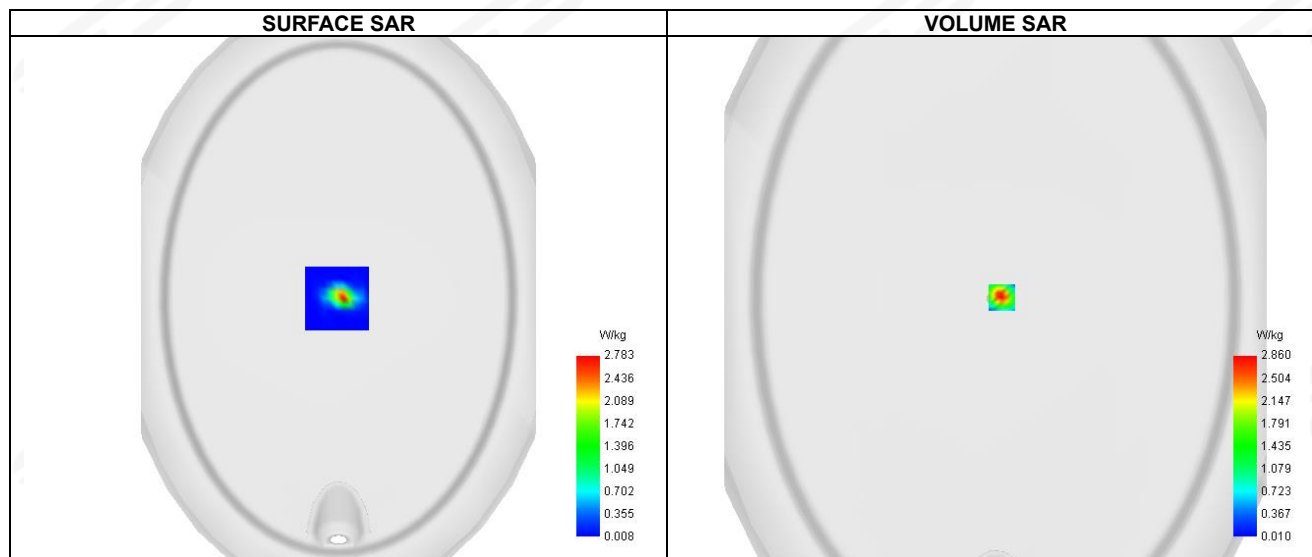
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-02-01

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	5600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5600
Relative permittivity	35.71
Conductivity (S/m)	5.08
Probe	SN 08/21 EPGO352
ConvF	1.21
Crest factor:	1:1



Maximum location: X=6.00, Y=1.00 ; SAR Peak: 5.09 W/kg

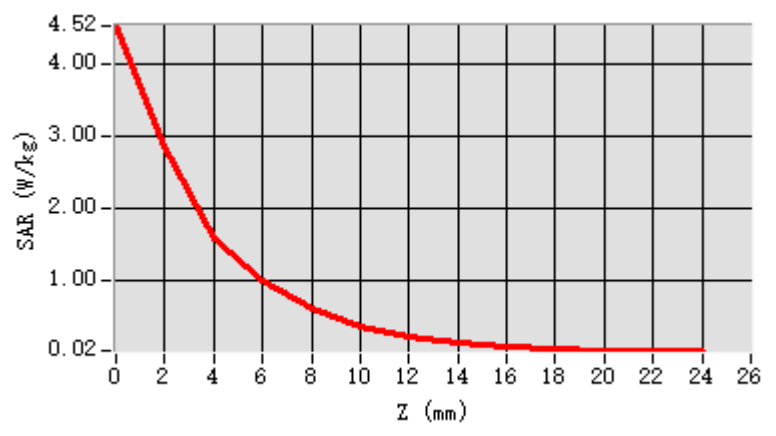
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.609
SAR 1g (W/Kg)	1.831
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	54.481674

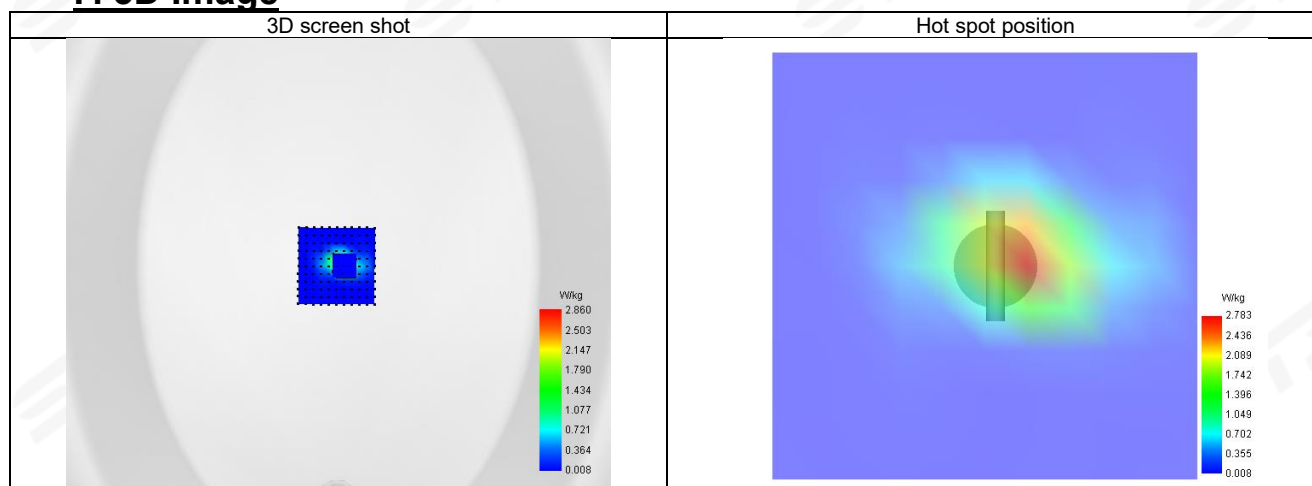


E. Z Axis Scan

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	24.00
SAR (W/Kg)	4.516	2.860	1.558	0.993	0.594	0.356	0.213	0.127	0.076	0.046	0.027	0.016	0.016



F. 3D Image



**System Performance Check Data (5800MHz)**

Type: Dipole measurement (Complete)

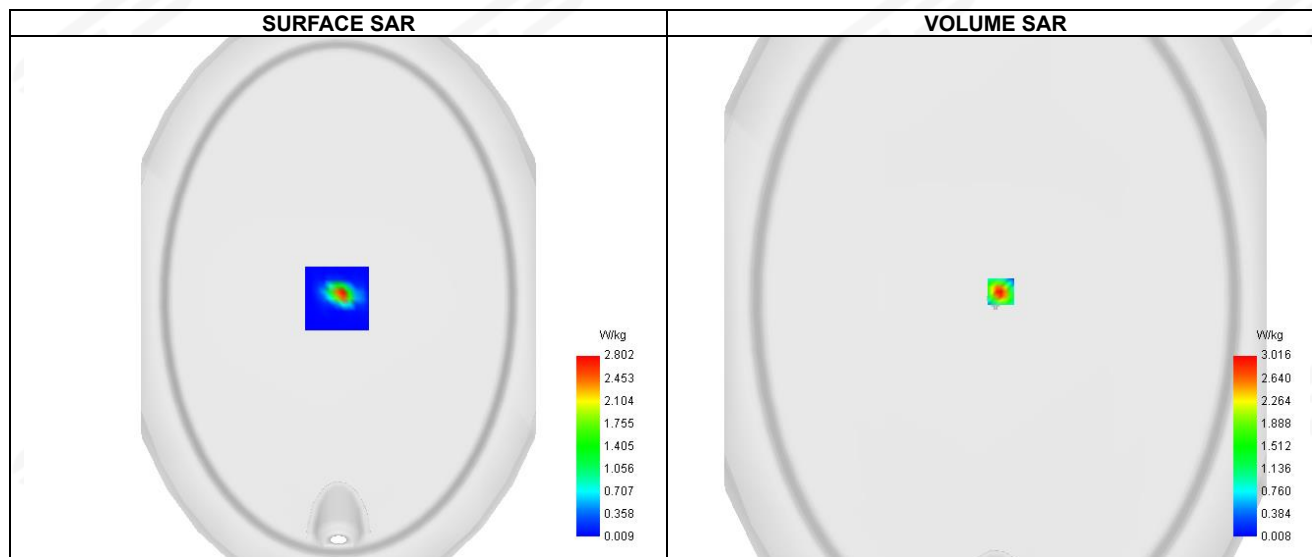
Area scan resolution: dx=8mm,dy=8mm

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

Date of measurement: 2026-02-01

Experimental conditions.

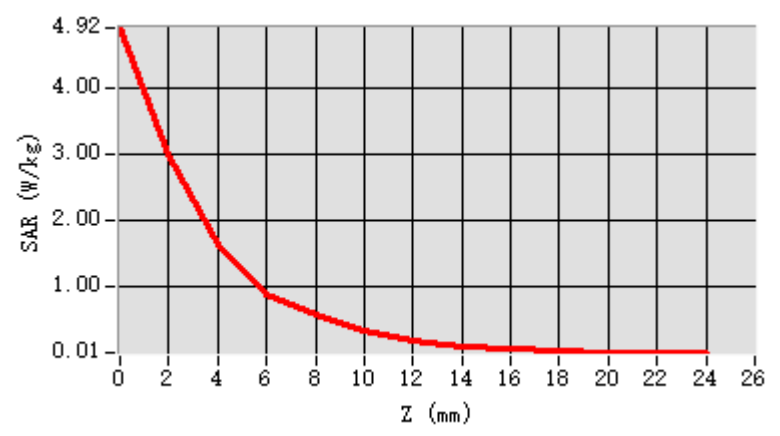
Phantom	Validation plane
Device Position	Dipole
Band	5800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	5800
Relative permittivity	34.93
Conductivity (S/m)	5.27
Probe	SN 08/21 EPGO352
ConvF	1.32
Crest factor:	1:1

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

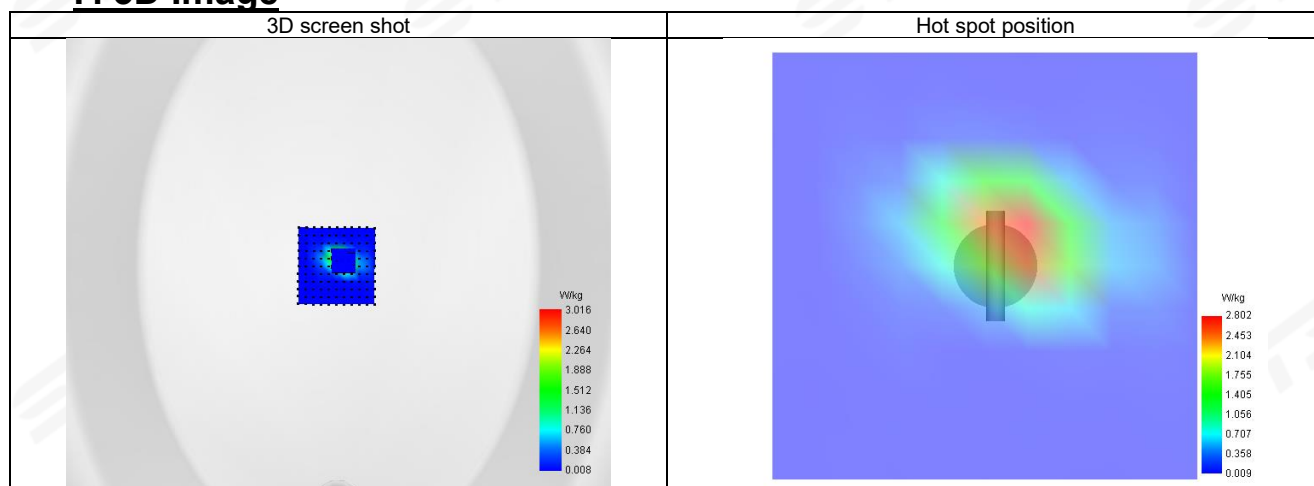
SAR 10g (W/Kg)	0.609
SAR 1g (W/Kg)	1.812
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	54.771665

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	24.00
SAR (W/Kg)	4.924	3.016	1.652	0.881	0.576	0.336	0.196	0.114	0.067	0.039	0.023	0.013	0.008



F. 3D Image

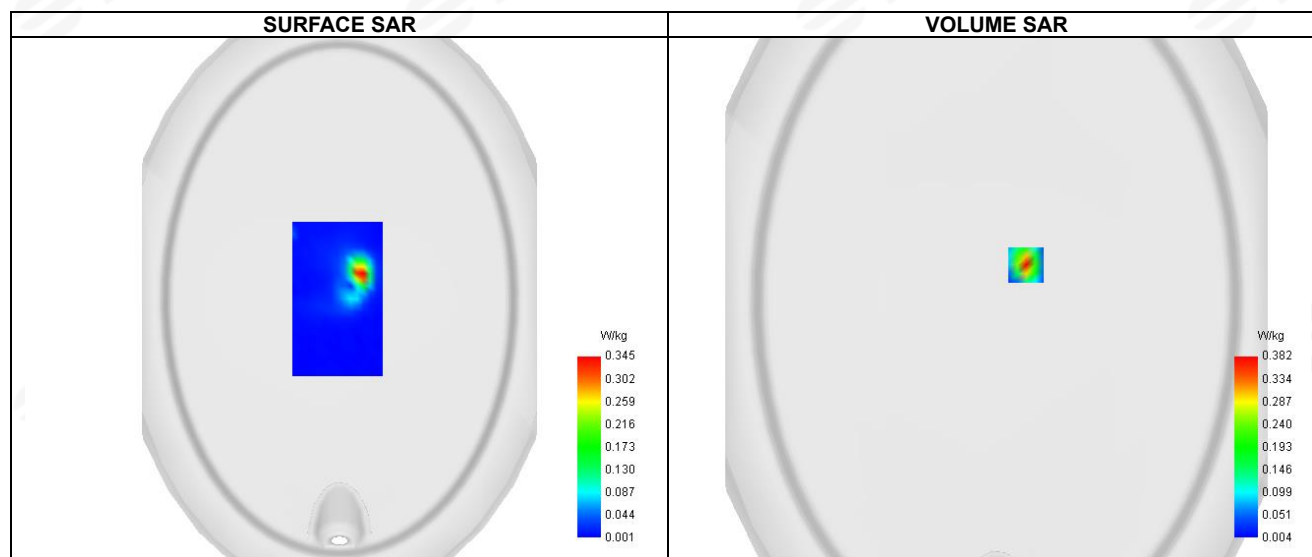




Appendix B. SAR Test Plots

Plot 1: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150

Test Date	2026-01-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4G WIFI module 1
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2412
Relative permittivity (real part)	39.90
Conductivity (S/m)	1.76

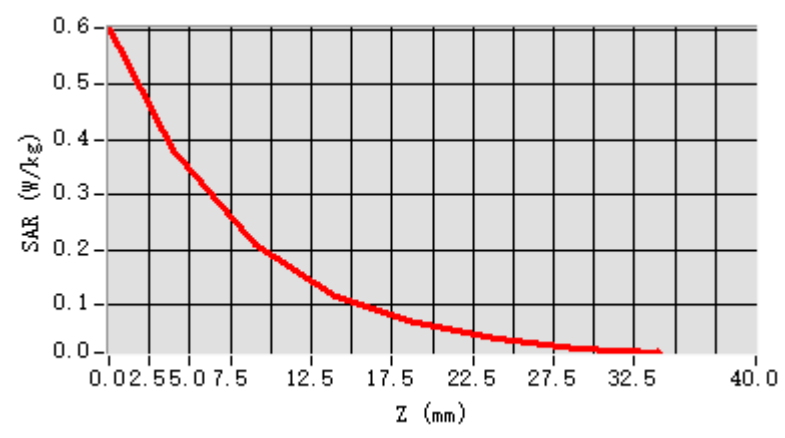


D. SAR 1g & 10g

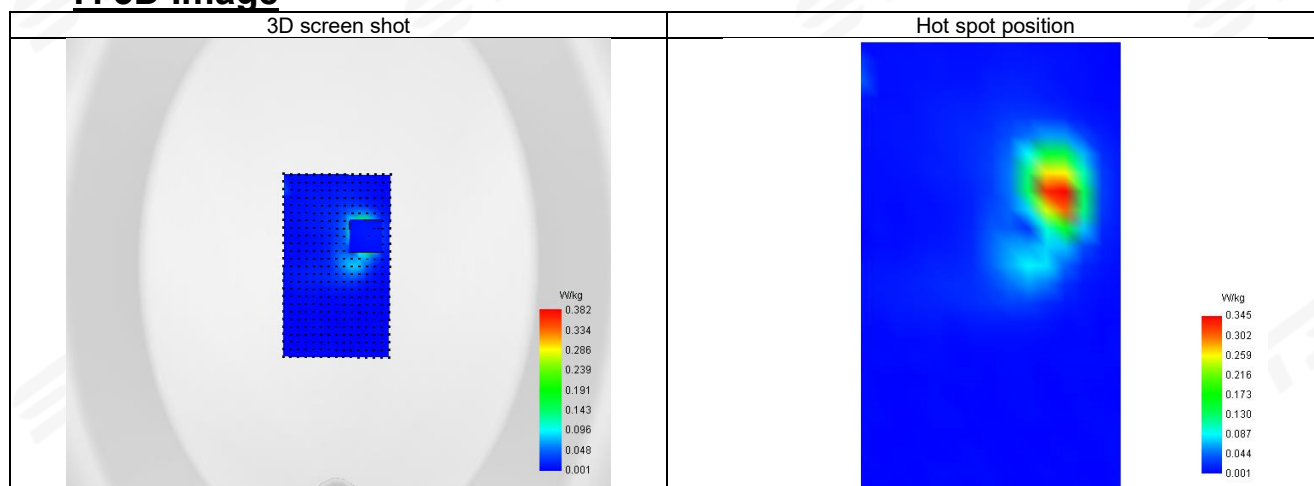
SAR 10g (W/Kg)	0.155
SAR 1g (W/Kg)	0.341
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	55.120757

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.603	0.382	0.210	0.114	0.066	0.037	0.021

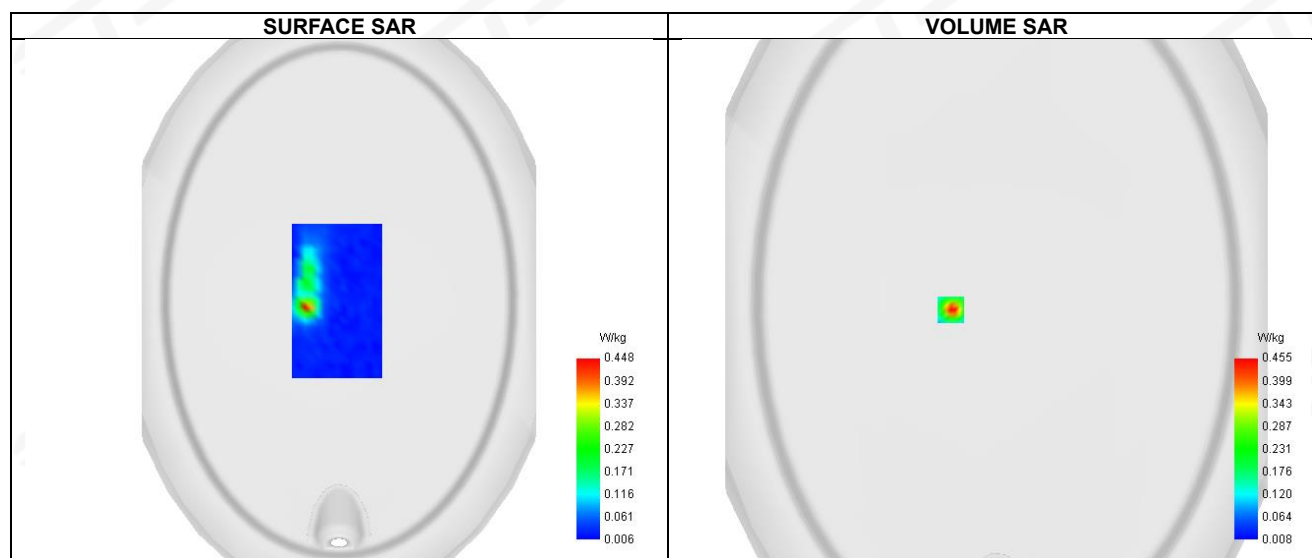


F. 3D Image



**Plot 2: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

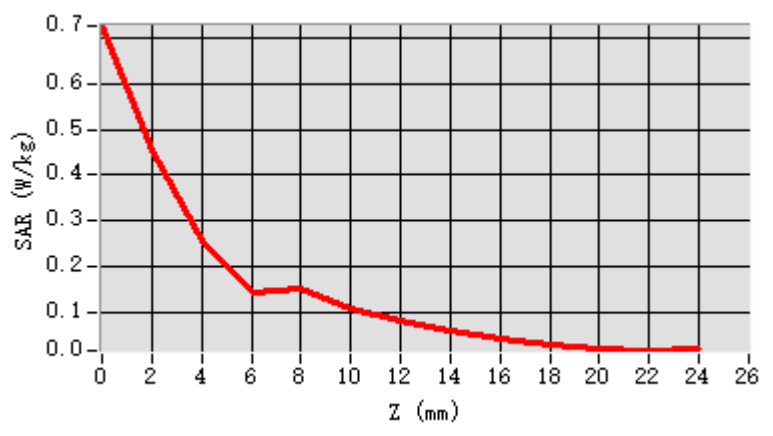
Test Date	2026-01-29
ConvF	1.37
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.2G WIFI module 1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5200
Relative permittivity (real part)	36.13
Conductivity (S/m)	4.67

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

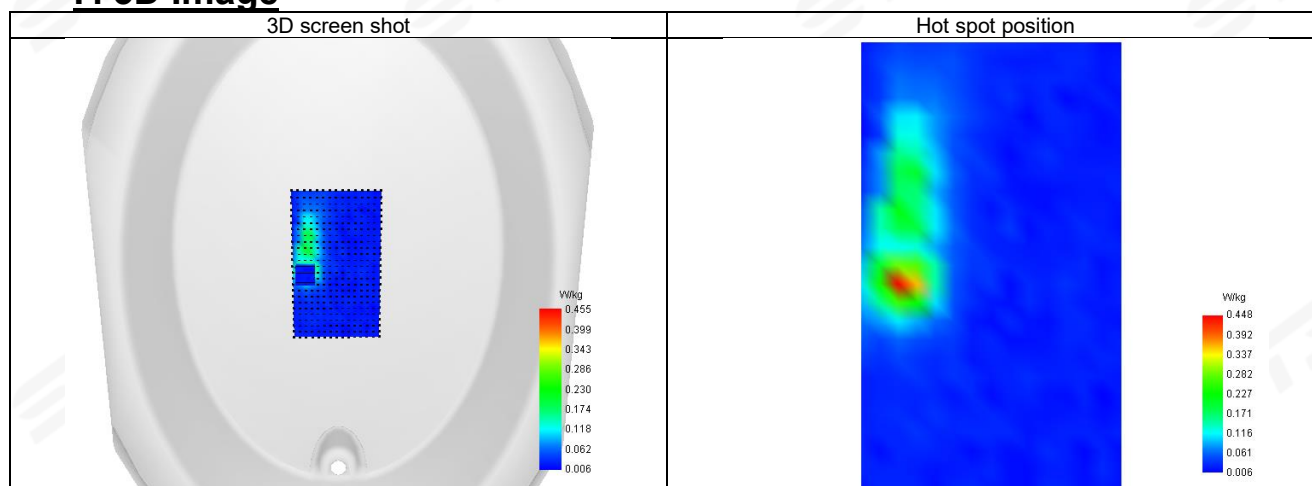
SAR 10g (W/Kg)	0.123
SAR 1g (W/Kg)	0.318
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	56.624108

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	24.00
SAR (W/Kg)	0.726	0.455	0.258	0.144	0.151	0.110	0.080	0.058	0.042	0.031	0.022	0.016	0.016

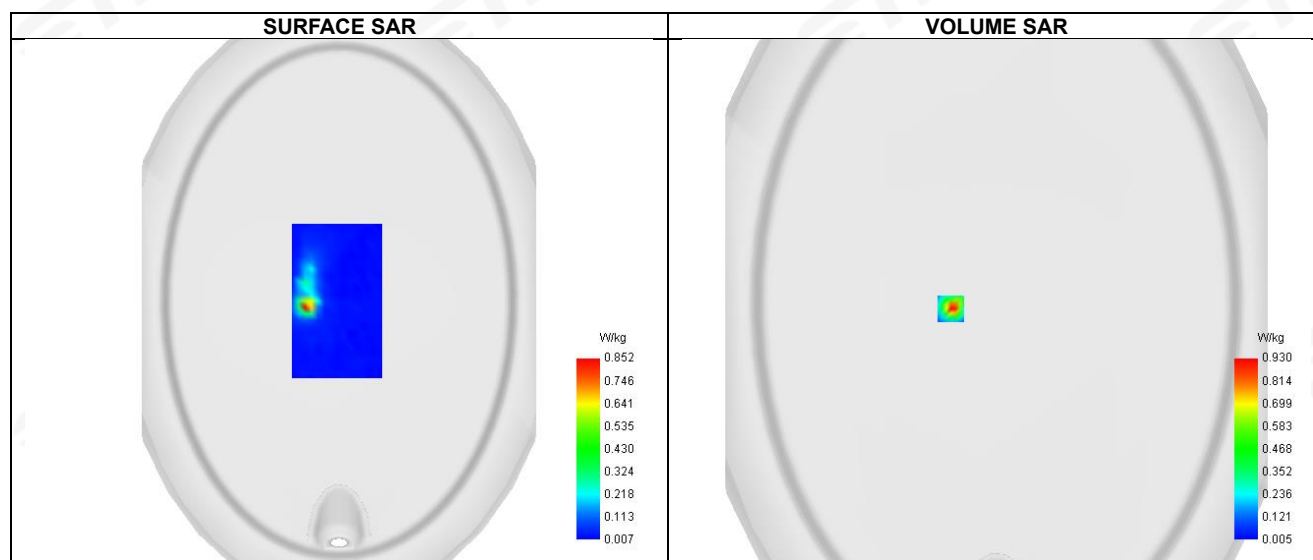


F. 3D Image



**Plot 3: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

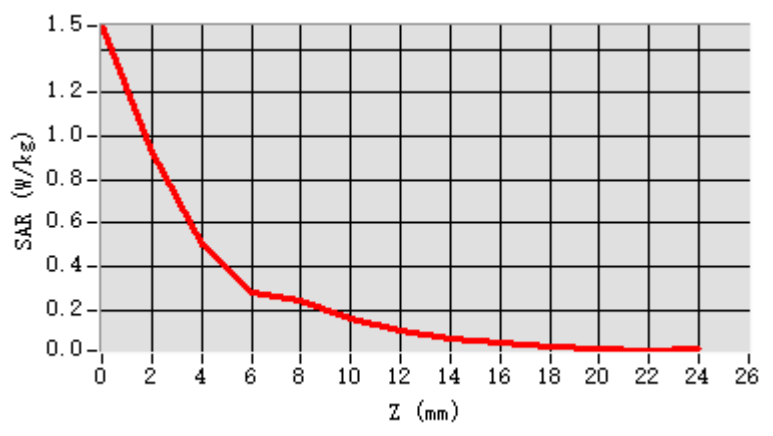
Test Date	2026-01-30
ConvF	1.26
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.3G WIFI module 1
Signal	802.11 n-HT40 (Crest factor: 1.0)
Frequency (MHz)	5320
Relative permittivity (real part)	36.75
Conductivity (S/m)	4.77

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

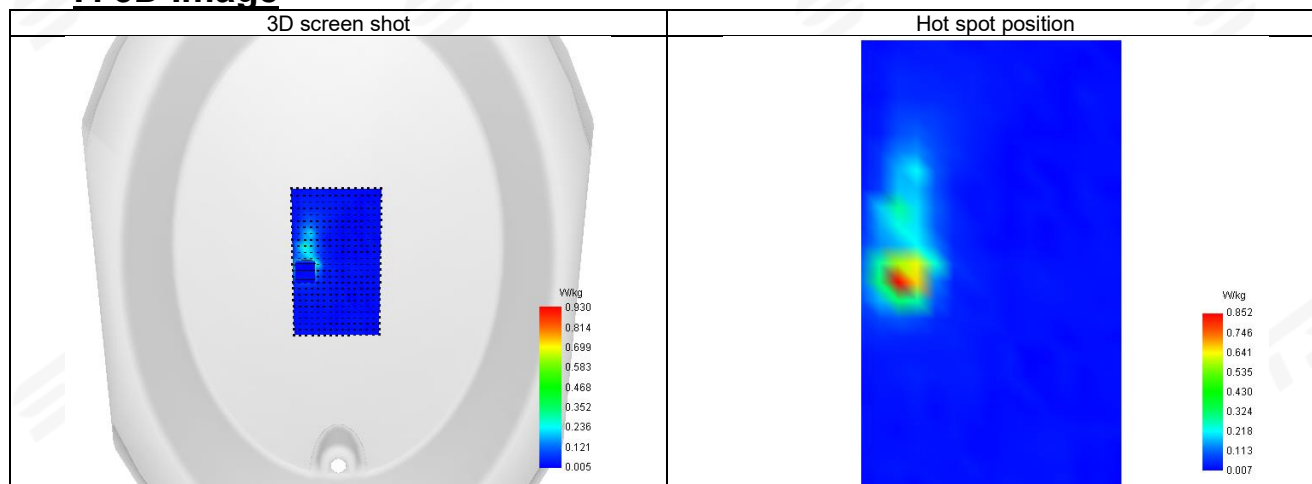
SAR 10g (W/Kg)	0.197
SAR 1g (W/Kg)	0.597
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.926136

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	24.00
SAR (W/Kg)	1.507	0.930	0.502	0.277	0.245	0.163	0.108	0.072	0.048	0.032	0.021	0.014	0.014

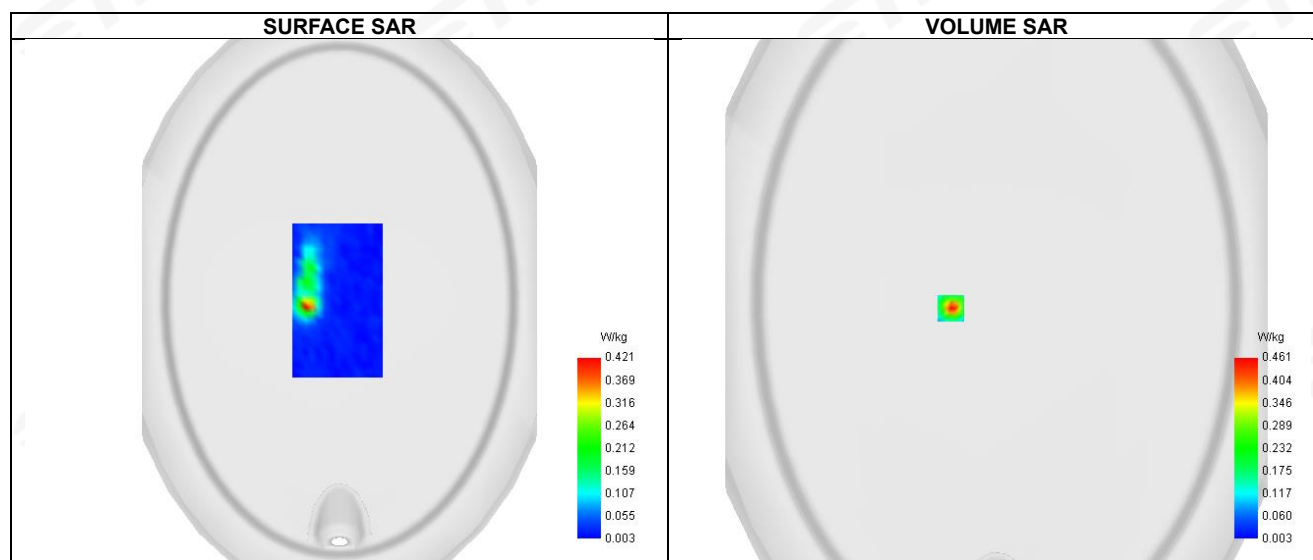


F. 3D Image



**Plot 4: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-30
ConvF	1.21
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.6G WIFI module 1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5500
Relative permittivity (real part)	36.47
Conductivity (S/m)	4.97

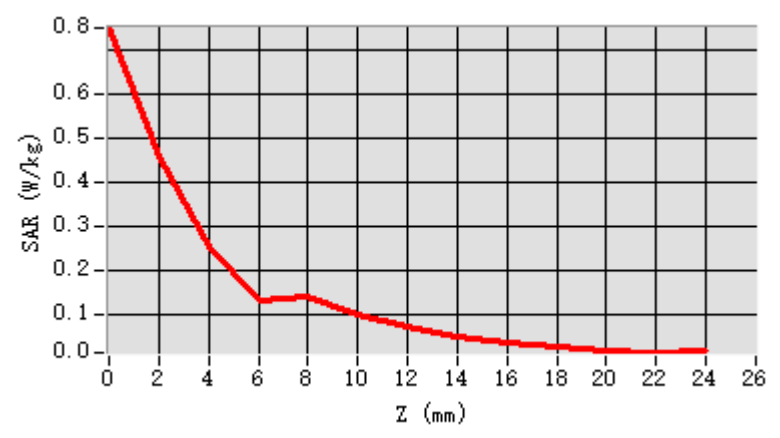
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.305
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	54.913966

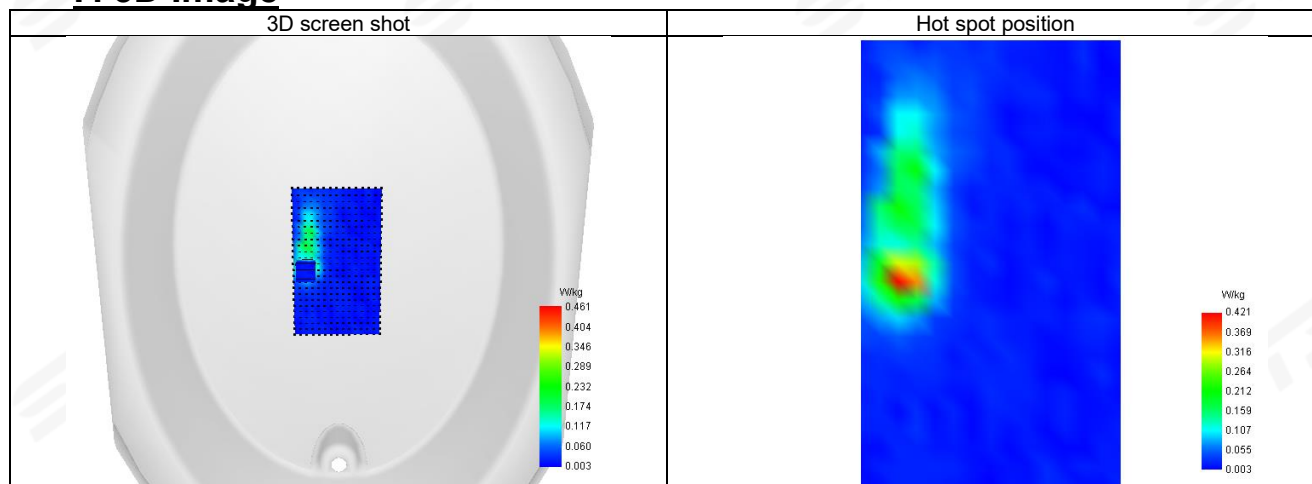


E. Z Axis Scan

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	24.00
SAR (W/Kg)	0.752	0.461	0.253	0.130	0.142	0.101	0.072	0.051	0.036	0.026	0.018	0.013	0.013

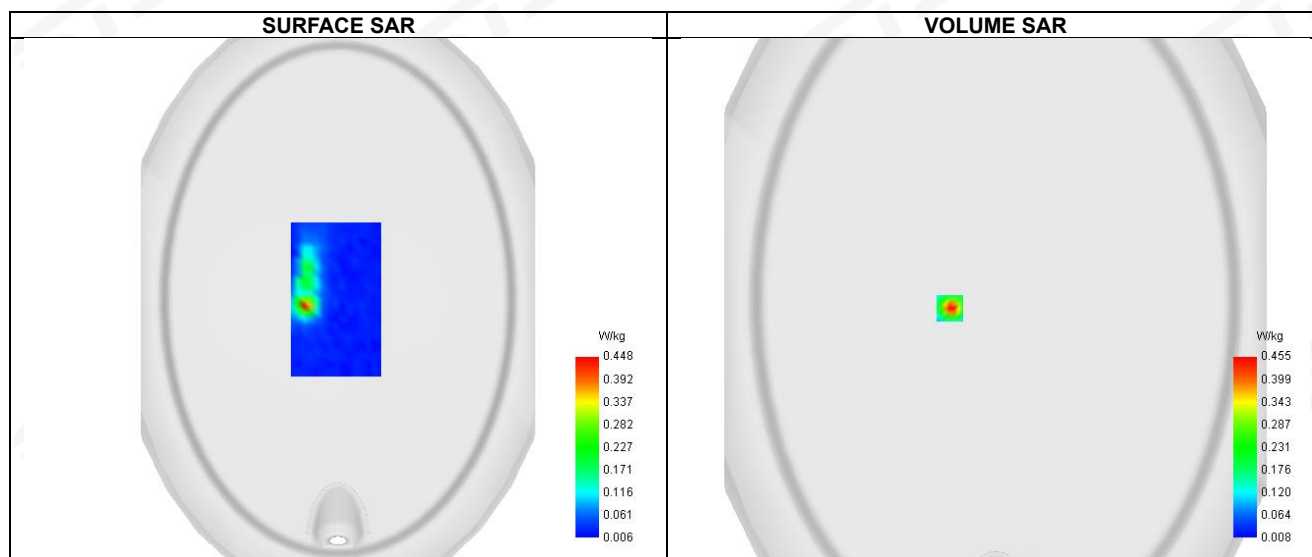


F. 3D Image



**Plot 5: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.32
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.8G WIFI module 1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5745
Relative permittivity (real part)	35.44
Conductivity (S/m)	5.29

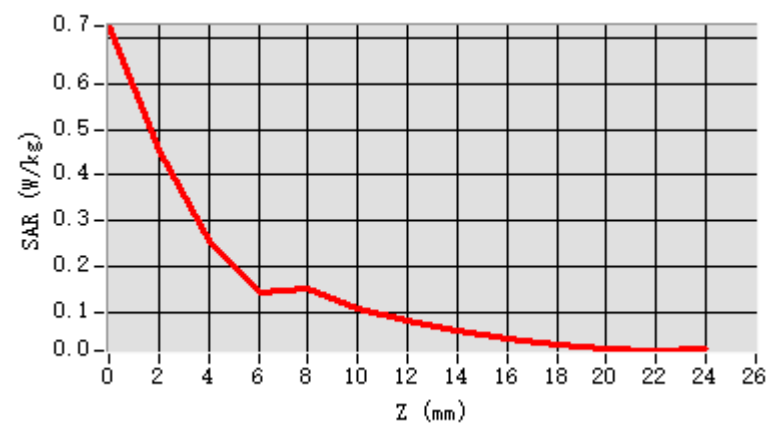
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.123
SAR 1g (W/Kg)	0.318
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	56.624108

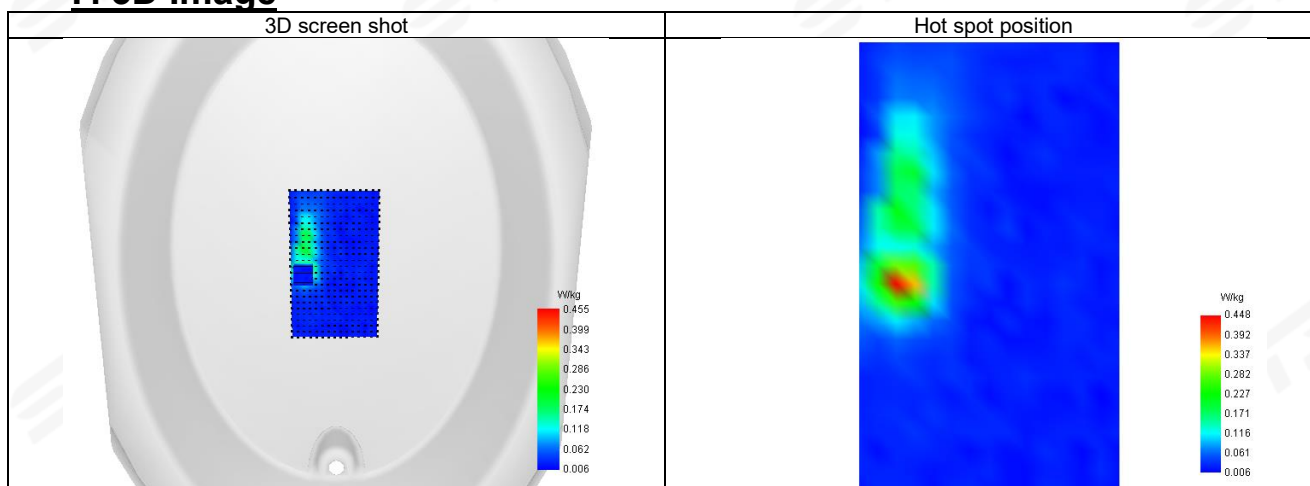


E. Z Axis Scan

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	24.00
SAR (W/Kg)	0.726	0.455	0.258	0.144	0.151	0.110	0.080	0.058	0.042	0.031	0.022	0.016	0.016

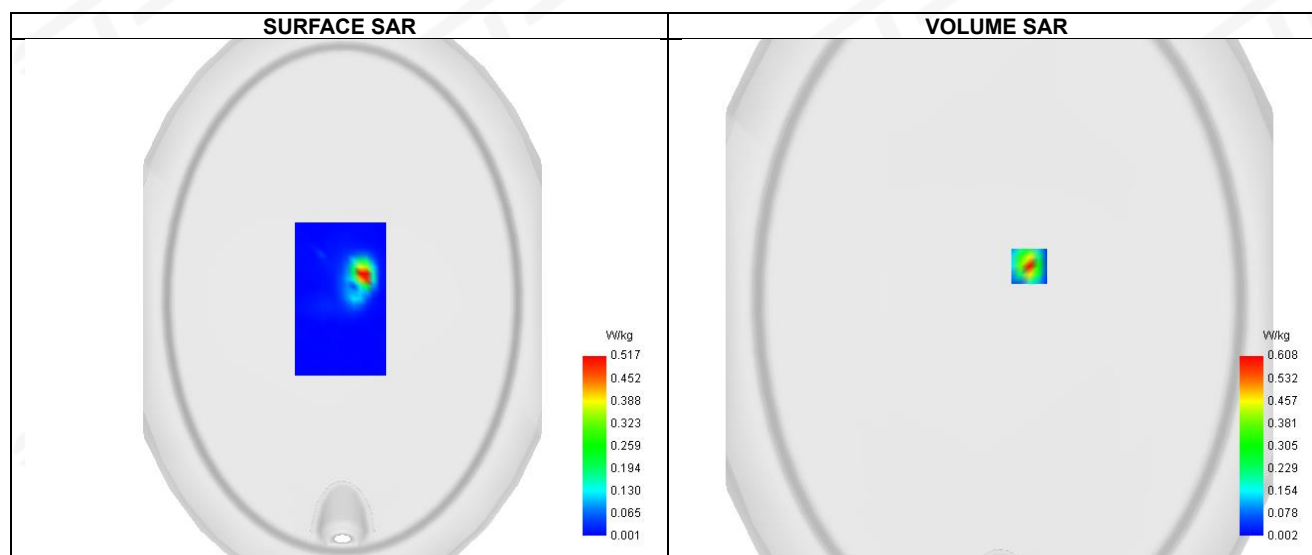


F. 3D Image



**Plot 6: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

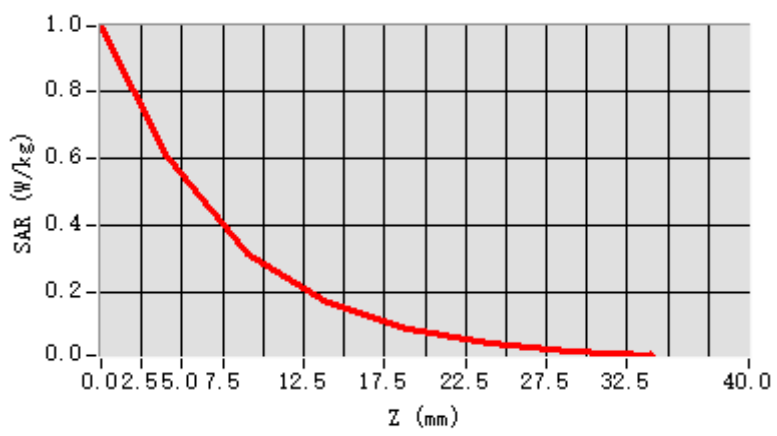
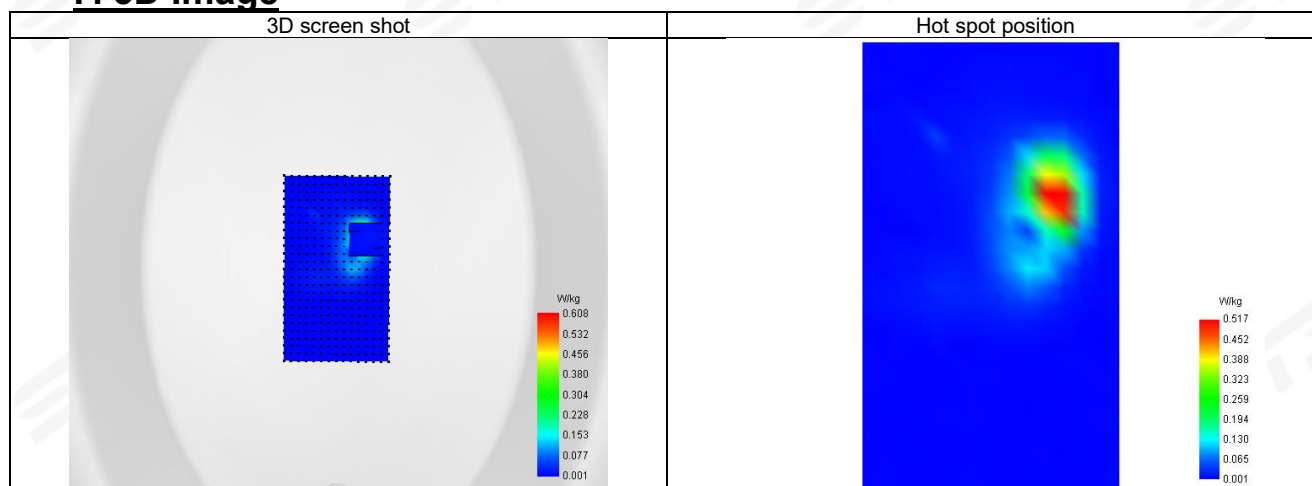
Test Date	2026-01-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4G WIFI module 2 ANT_1
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2437
Relative permittivity (real part)	39.71
Conductivity (S/m)	1.74

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

SAR 10g (W/Kg)	0.231
SAR 1g (W/Kg)	0.537
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	52.370957

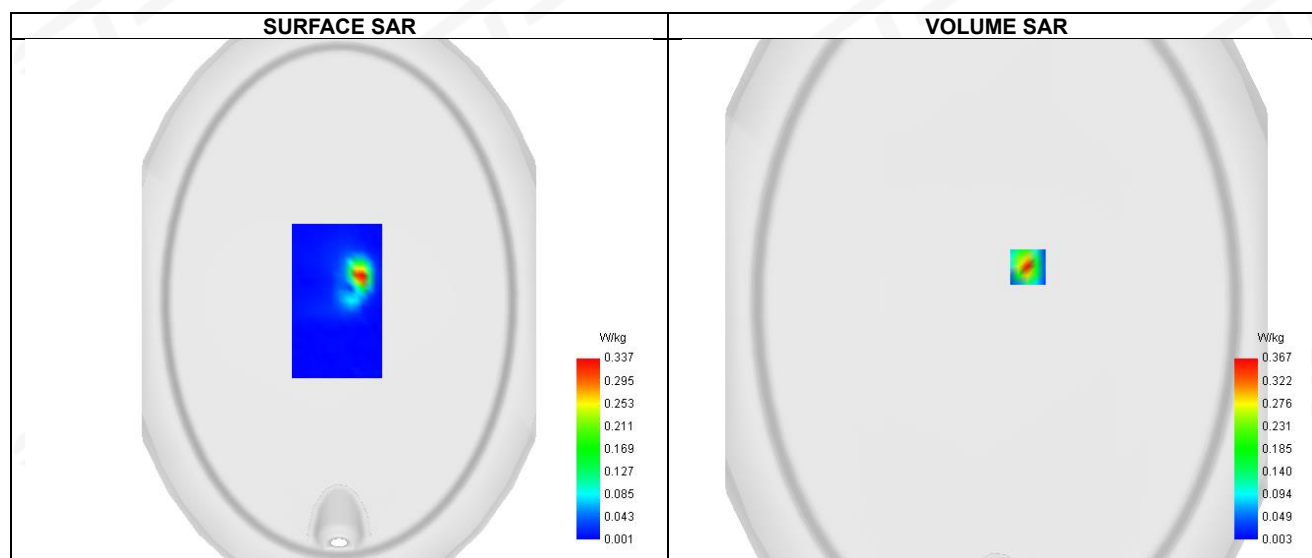
**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.990	0.608	0.319	0.168	0.091	0.048	0.026

**F. 3D Image**

**Plot 7: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4G WIFI module 2 ANT_2
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2437
Relative permittivity (real part)	39.71
Conductivity (S/m)	1.74



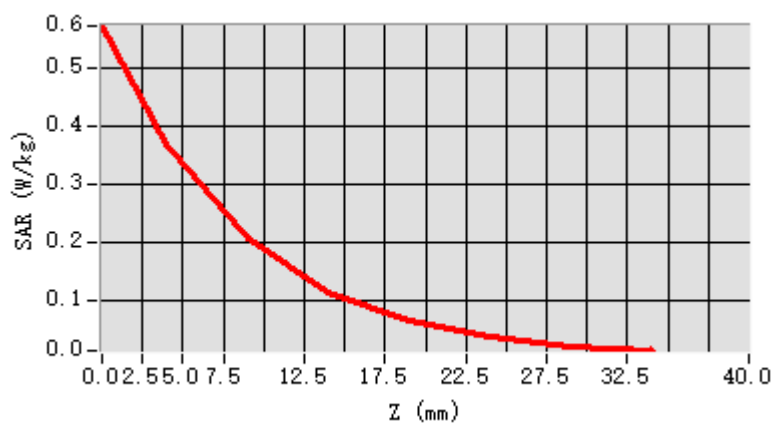
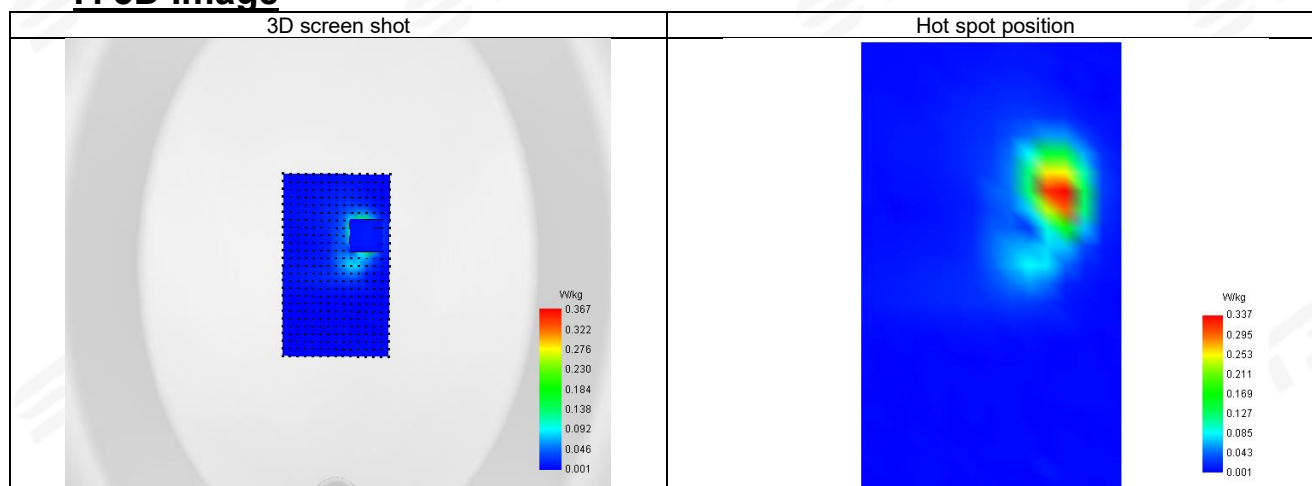
Maximum location: X=28.00, Y=31.00 ; SAR Peak: 0.58 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.152
SAR 1g (W/Kg)	0.329
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.829966

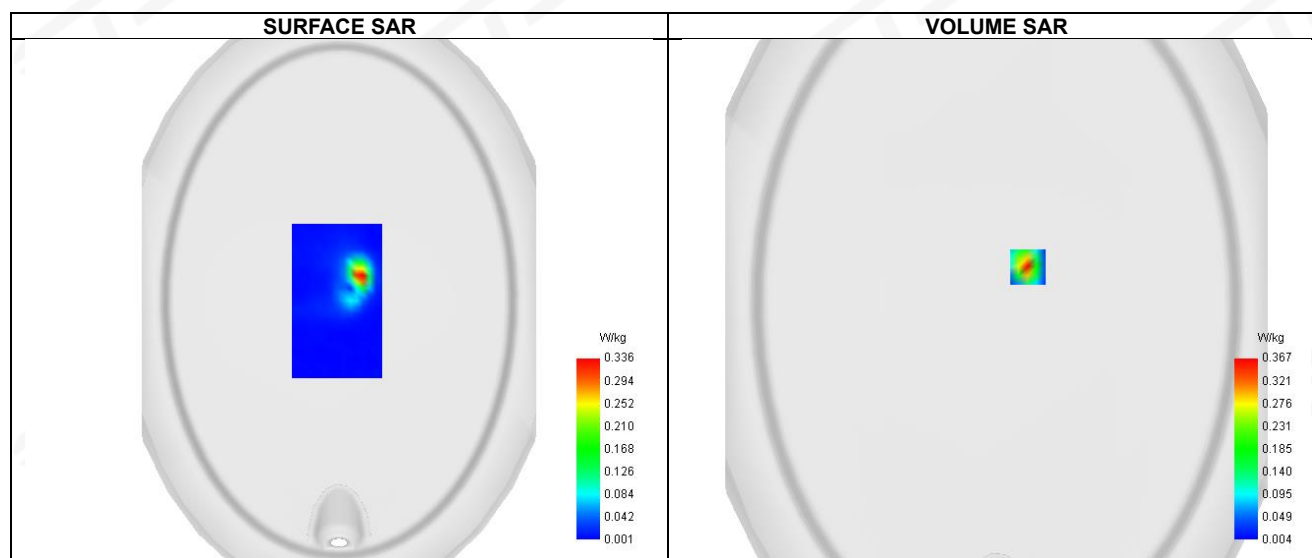
**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.574	0.367	0.205	0.113	0.065	0.036	0.020

**F. 3D Image**

**Plot 8: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4G WIFI module 2_MIMO_ANT_1
Signal	802.11ax-HE20 (Crest factor: 1.0)
Frequency (MHz)	2437
Relative permittivity (real part)	39.71
Conductivity (S/m)	1.74



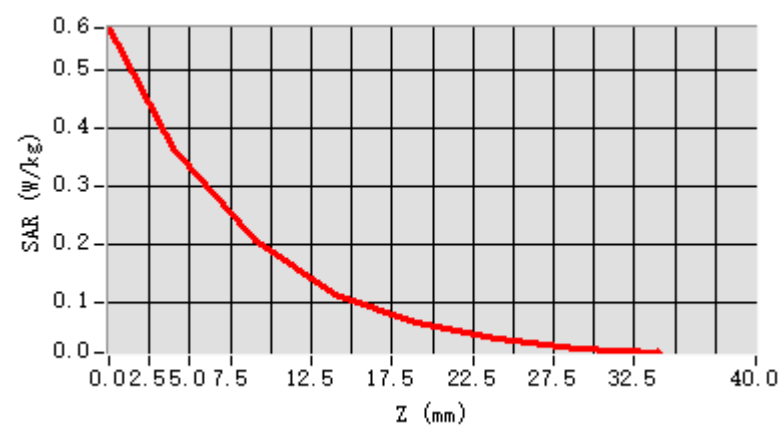
Maximum location: X=28.00, Y=31.00 ; SAR Peak: 0.58 W/kg

D. SAR 1g & 10g

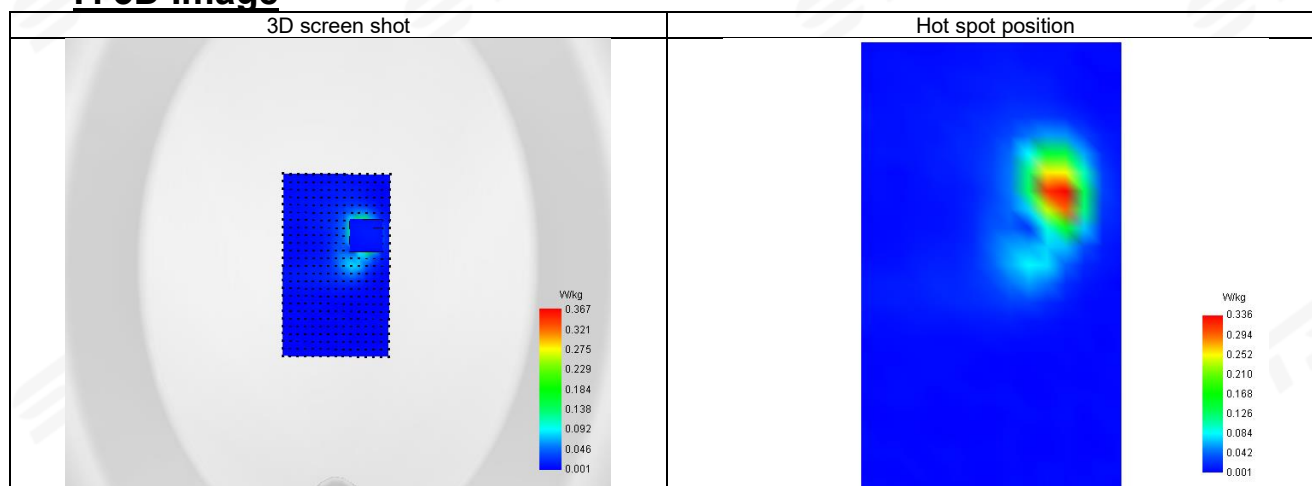
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.332
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	55.826650

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.573	0.367	0.205	0.113	0.065	0.036	0.020

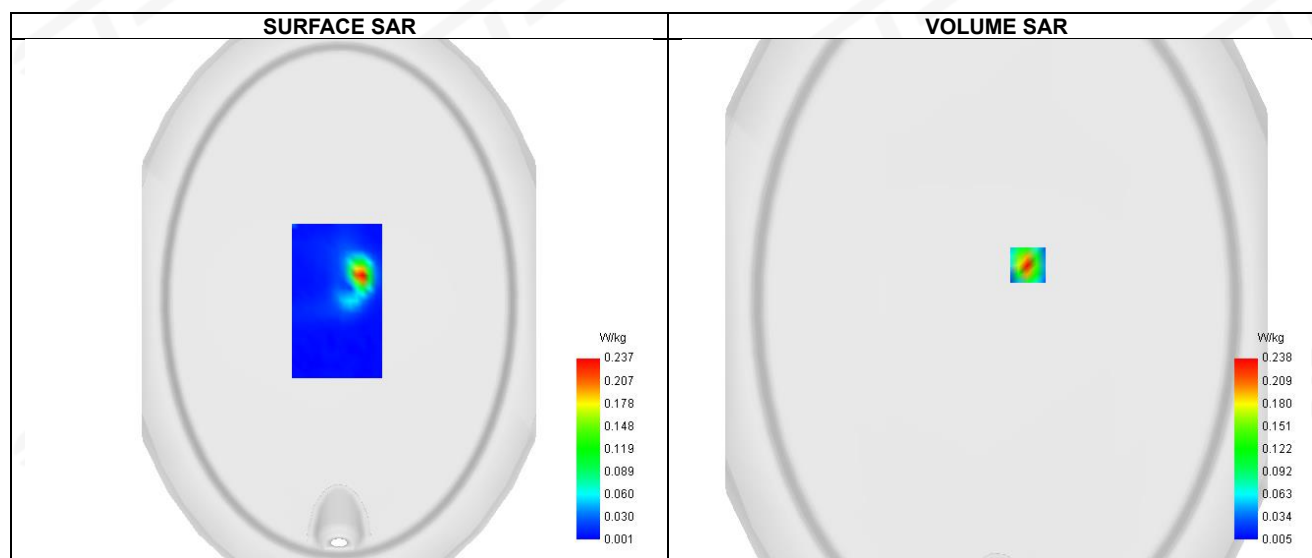


F. 3D Image



**Plot 9: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

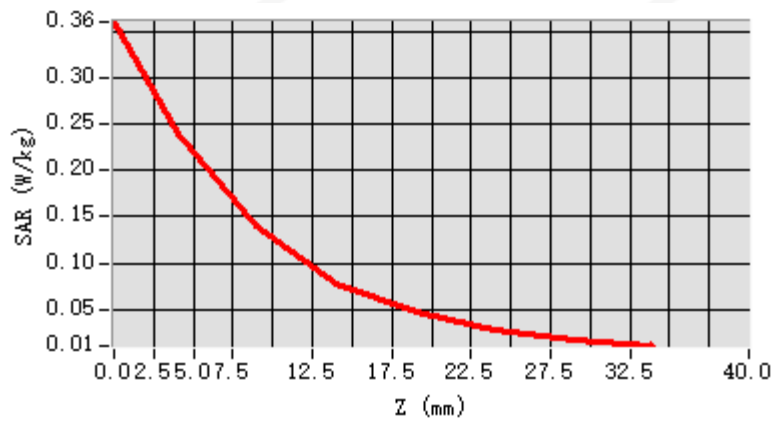
Test Date	2026-01-29
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4G WIFI module 2_MIMO_ANT_2
Signal	802.11ax-HE20 (Crest factor: 1.0)
Frequency (MHz)	2437
Relative permittivity (real part)	39.71
Conductivity (S/m)	1.74

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

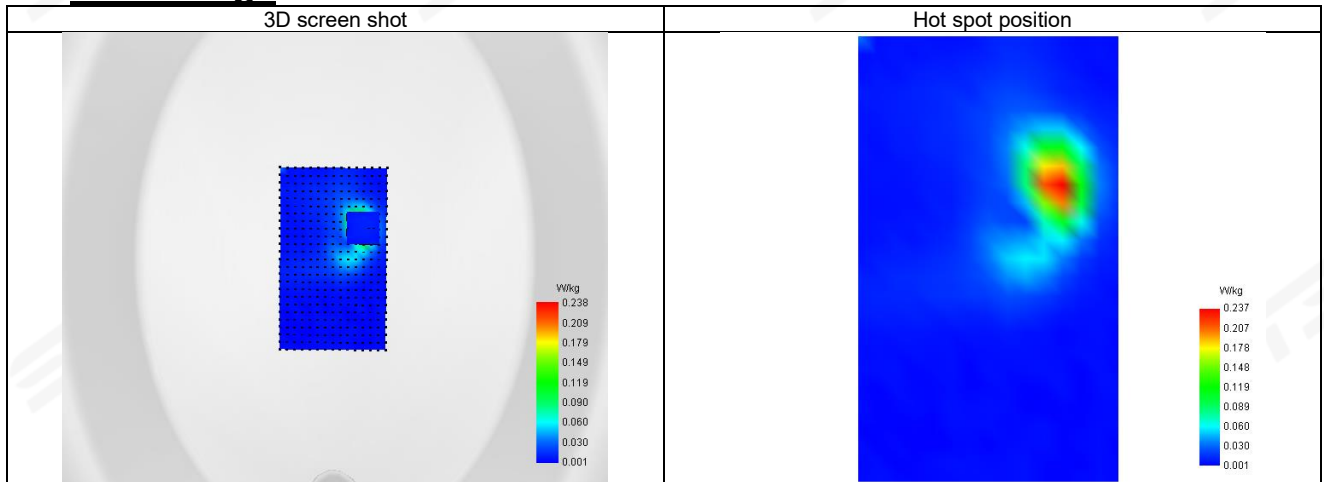
SAR 10g (W/Kg)	0.106
SAR 1g (W/Kg)	0.217
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	58.891407

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.360	0.238	0.140	0.078	0.048	0.028	0.017

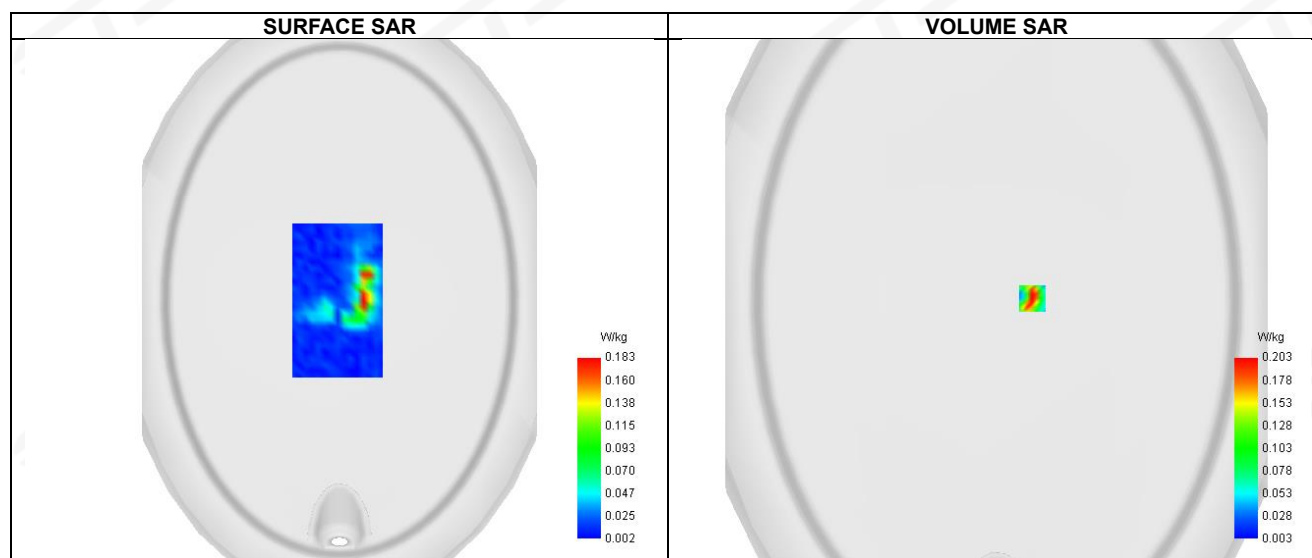


F. 3D Image



**Plot 10: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-29
ConvF	1.37
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.2G WIFI module 2 ANT_1
Signal	802.11a (Crest factor: 1.0)
Frequency (MHz)	5240
Relative permittivity (real part)	36.46
Conductivity (S/m)	4.68



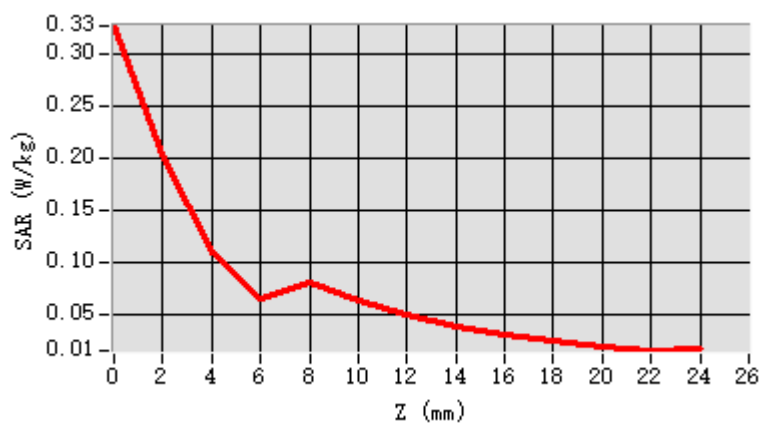
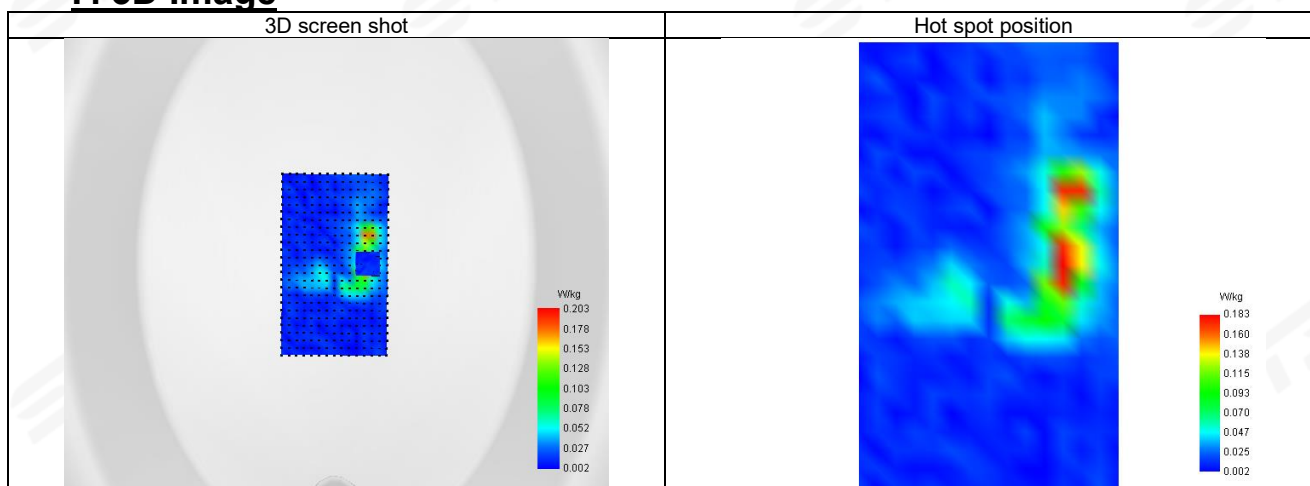
Maximum location: X=32.00, Y=2.00 ; SAR Peak: 0.44 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.058
SAR 1g (W/Kg)	0.147
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	55.485780

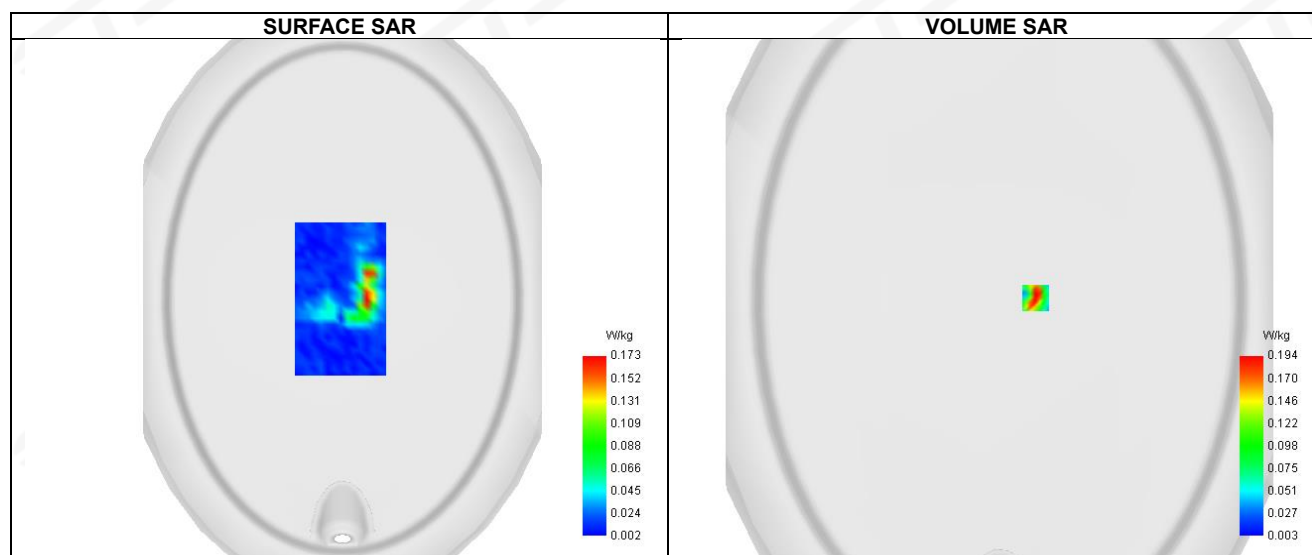
**E. Z Axis Scan**

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	24.00
SAR (W/Kg)	0.326	0.203	0.109	0.065	0.080	0.063	0.049	0.039	0.030	0.024	0.019	0.015	0.015

**F. 3D Image**

**Plot 11: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-29
ConvF	1.37
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.2G WIFI module 2 ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5200
Relative permittivity (real part)	36.13
Conductivity (S/m)	4.67



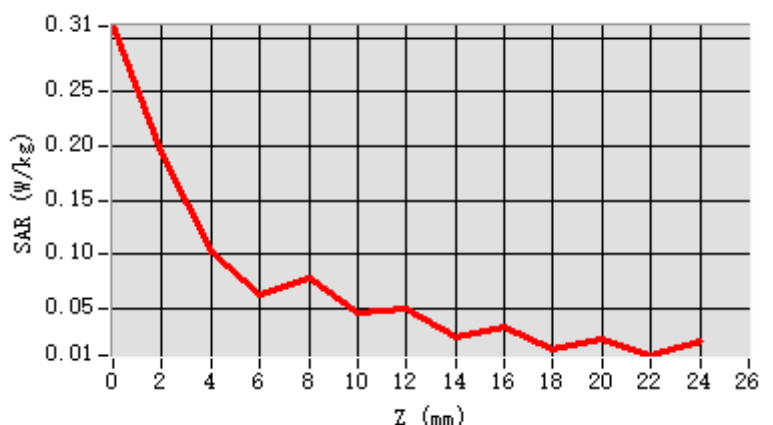
Maximum location: X=32.00, Y=1.00 ; SAR Peak: 0.41 W/kg

D. SAR 1g & 10g

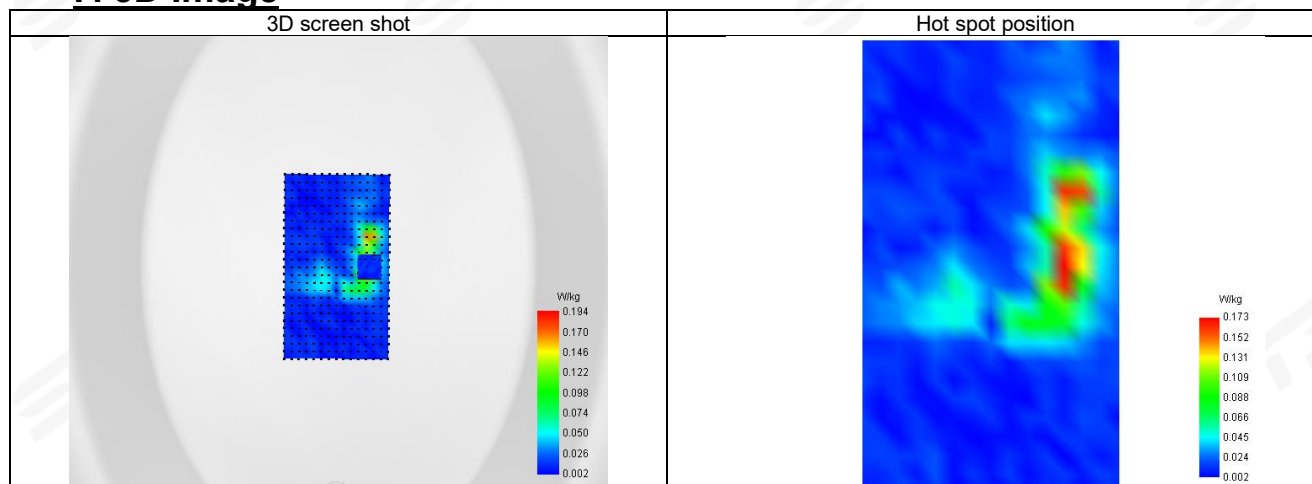
SAR 10g (W/Kg)	0.047
SAR 1g (W/Kg)	0.128
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.783864

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)	0.311	0.194	0.102	0.062	0.079	0.046	0.050	0.024	0.032	0.012	0.021	0.007

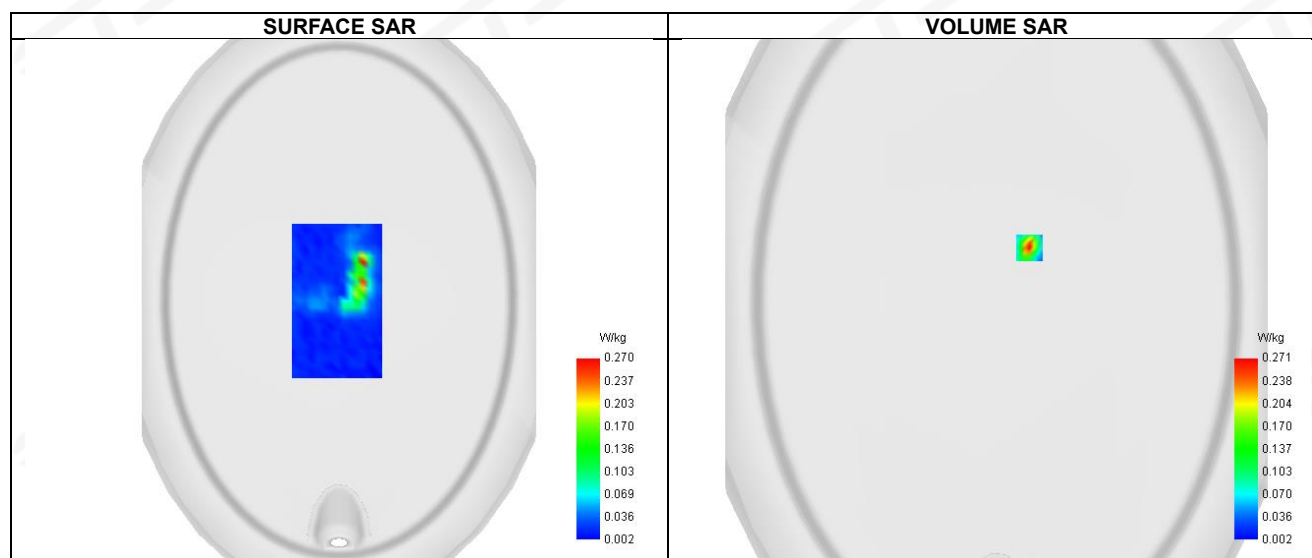


F. 3D Image



**Plot 12: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-29
ConvF	1.37
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.2G WIFI module 2_MIMO_ANT_1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5200
Relative permittivity (real part)	36.13
Conductivity (S/m)	4.67

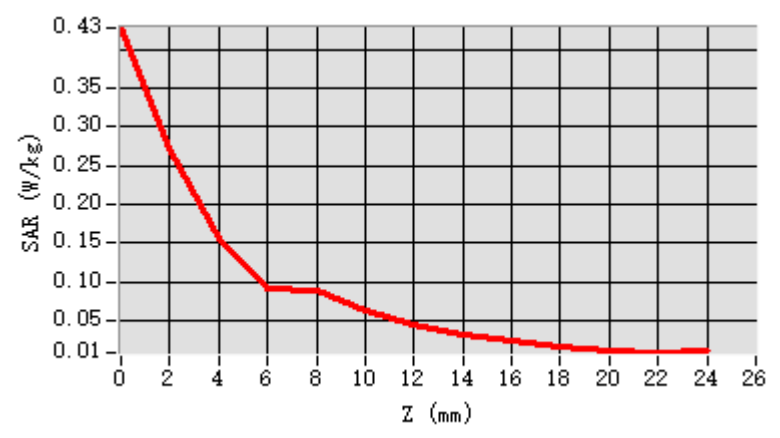
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.065
SAR 1g (W/Kg)	0.179
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.891841

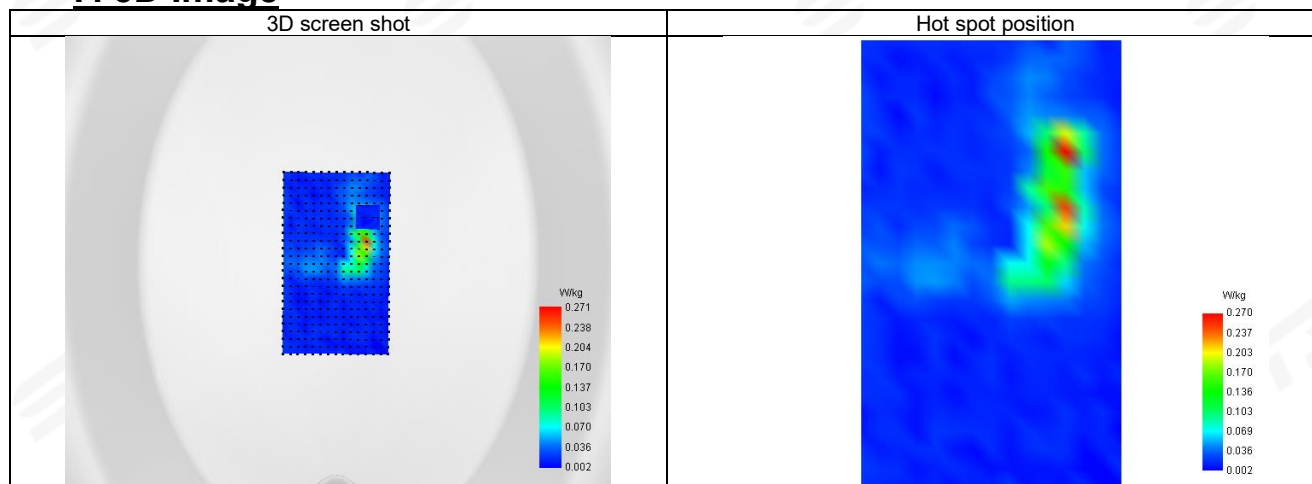


E. Z Axis Scan

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)	0.428	0.271	0.157	0.090	0.088	0.063	0.045	0.032	0.023	0.016	0.012	0.008

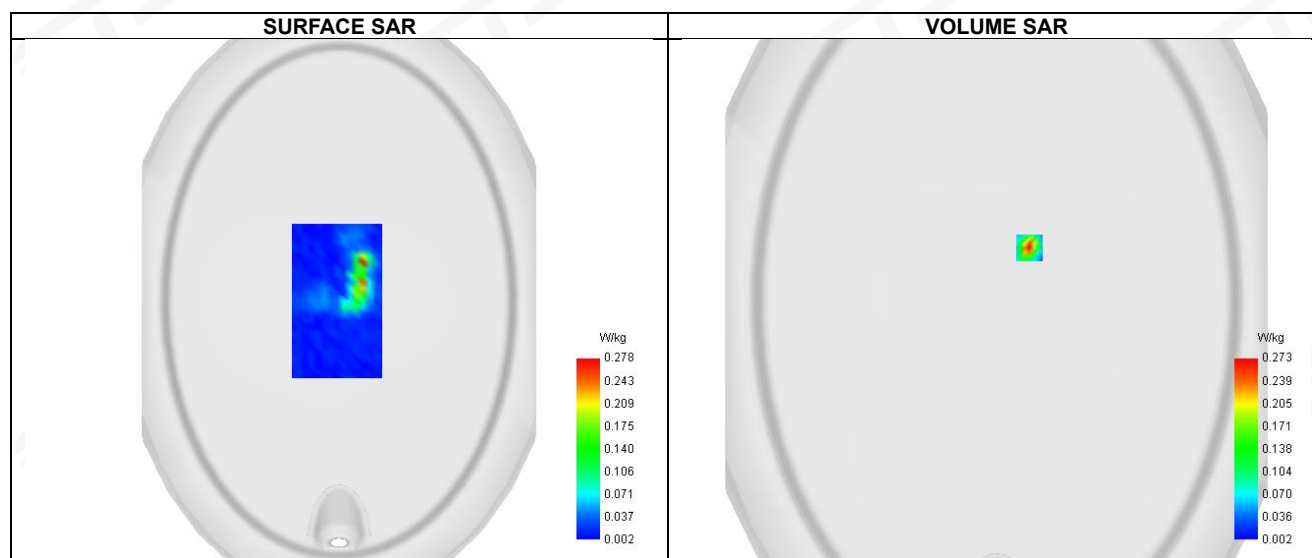


F. 3D Image



**Plot 13: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

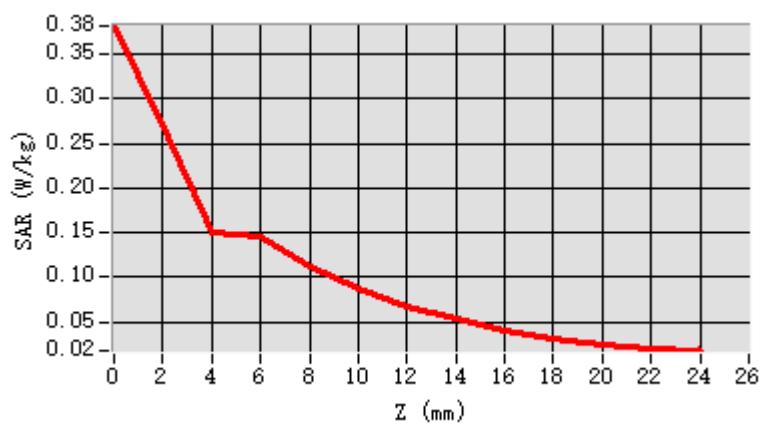
Test Date	2026-01-29
ConvF	1.37
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.2G WIFI module 2_MIMO_ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5200
Relative permittivity (real part)	36.13
Conductivity (S/m)	4.67

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

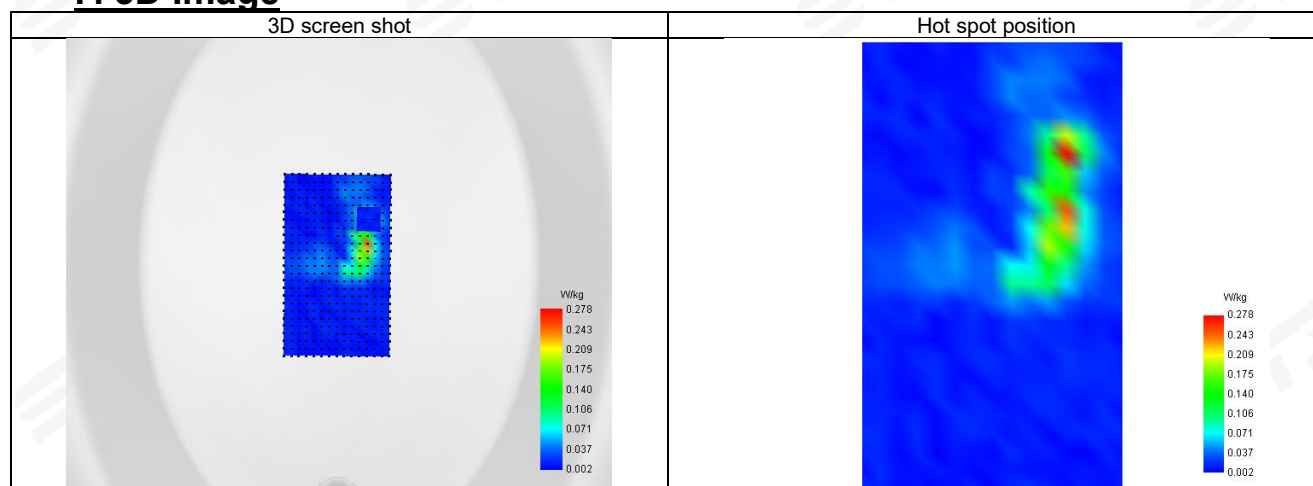
SAR 10g (W/Kg)	0.068
SAR 1g (W/Kg)	0.187
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.918580

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)	0.382	0.273	0.150	0.146	0.113	0.087	0.068	0.052	0.041	0.031	0.024	0.019

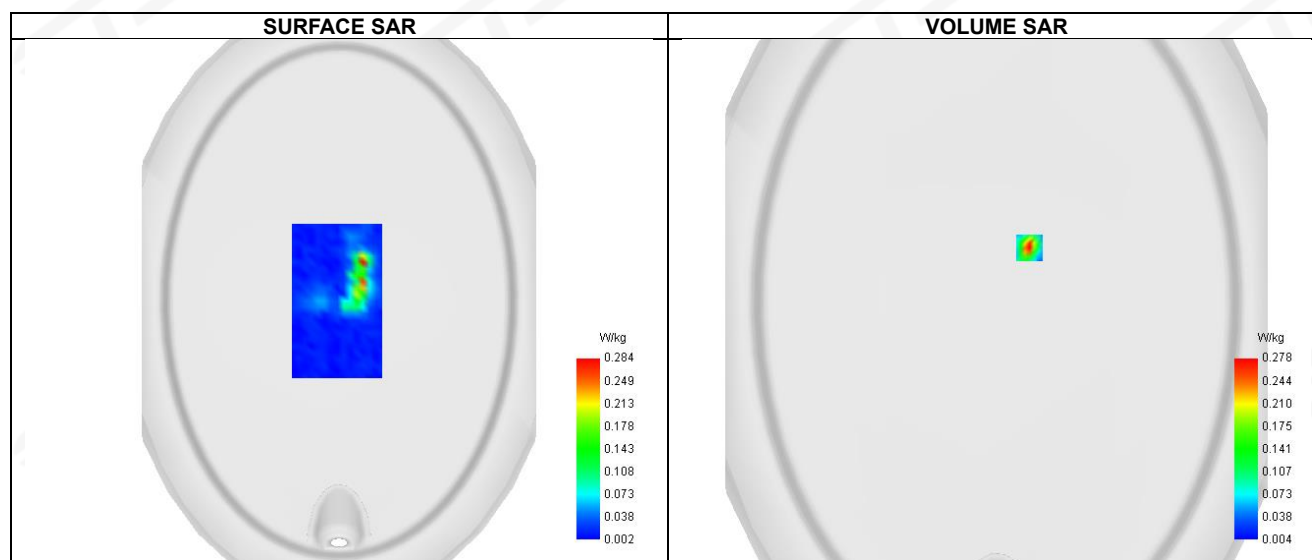


F. 3D Image



**Plot 14: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

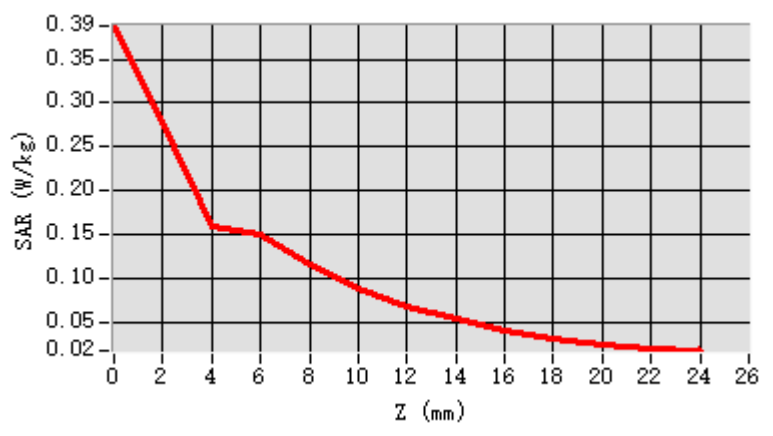
Test Date	2026-01-30
ConvF	1.26
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.3G WIFI module 2 ANT_1
Signal	802.11ac-VHT20 (Crest factor: 1.0)
Frequency (MHz)	5320
Relative permittivity (real part)	36.75
Conductivity (S/m)	4.77

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

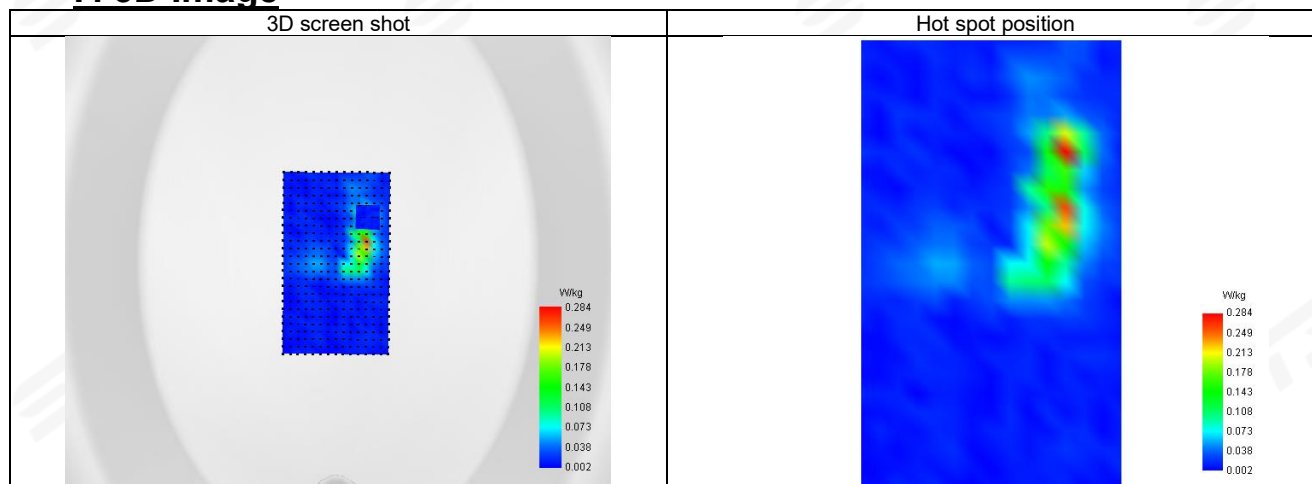
SAR 10g (W/Kg)	0.068
SAR 1g (W/Kg)	0.188
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.748817

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	24.00
SAR (W/Kg)	0.388	0.278	0.158	0.149	0.115	0.088	0.068	0.053	0.040	0.031	0.024	0.019	0.019

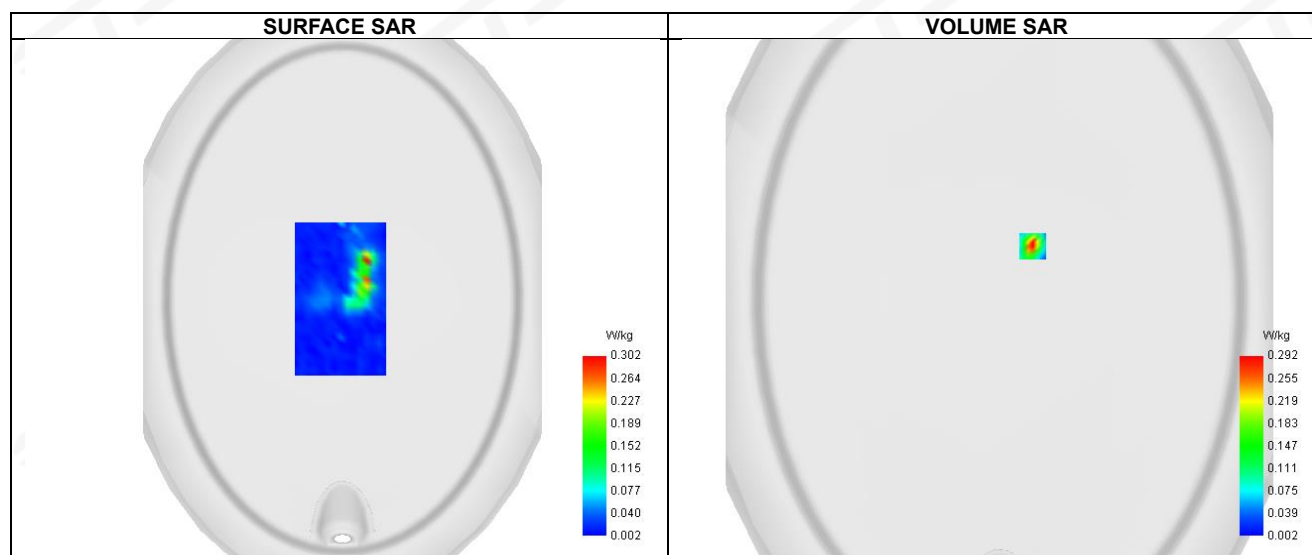


F. 3D Image



**Plot 15: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

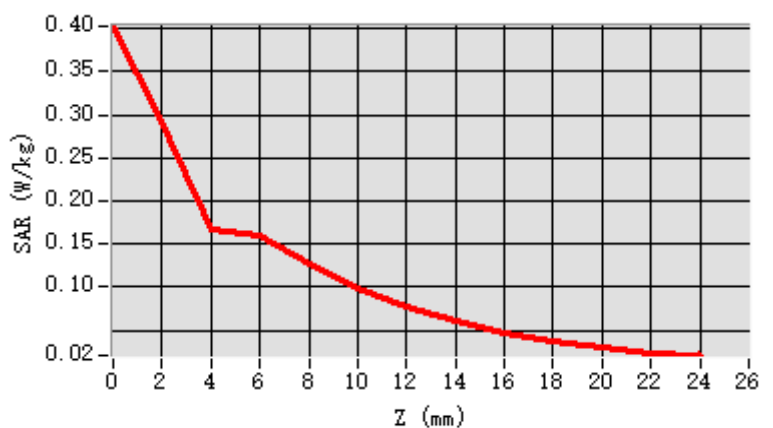
Test Date	2026-01-30
ConvF	1.26
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.3G WIFI module 2 ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5320
Relative permittivity (real part)	36.75
Conductivity (S/m)	4.77

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

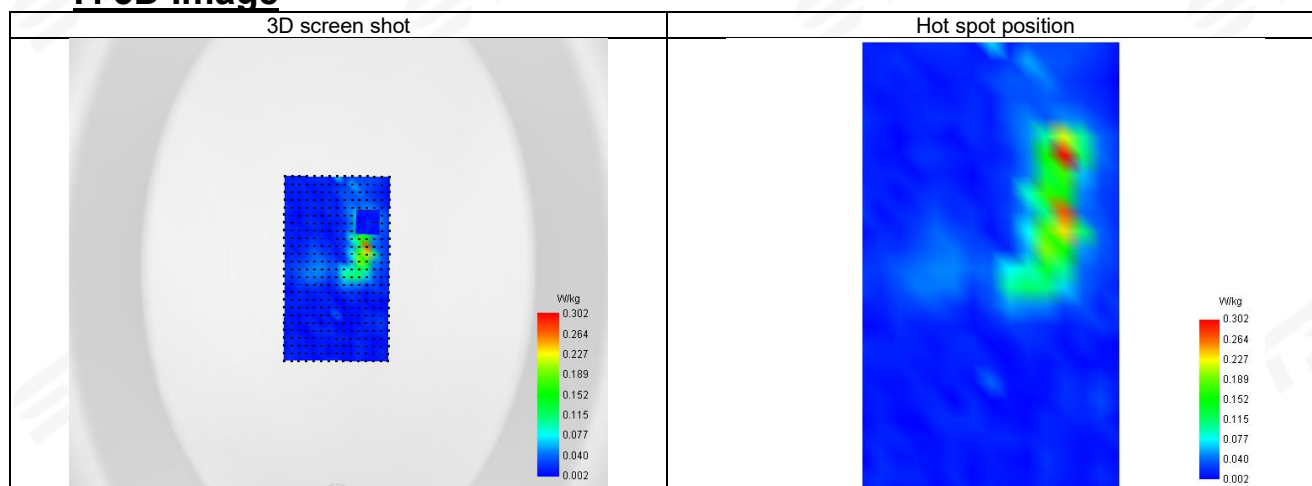
SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.197
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.078518

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)	0.403	0.292	0.166	0.161	0.126	0.099	0.077	0.060	0.047	0.037	0.029	0.023

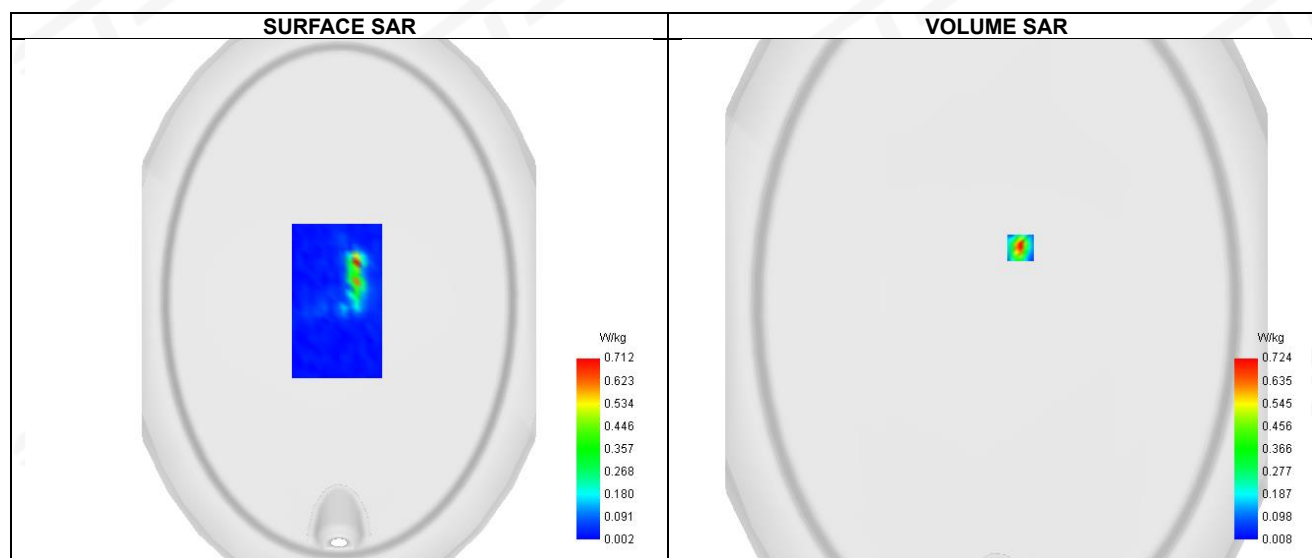


F. 3D Image



**Plot 16: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

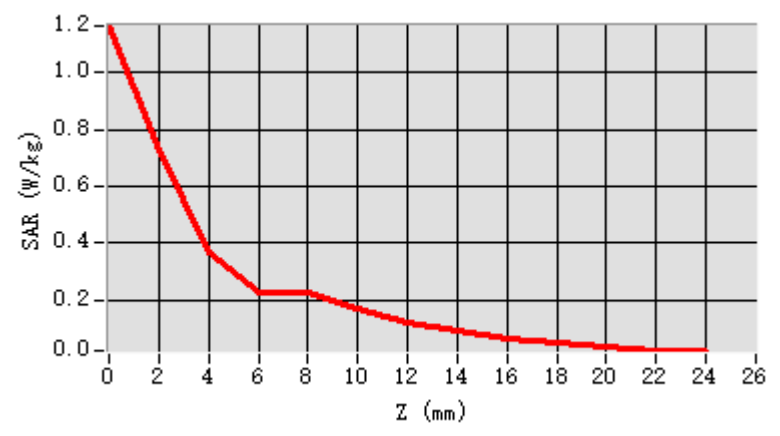
Test Date	2026-01-30
ConvF	1.26
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.3G WIFI module 2_MIMO_ANT_1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5320
Relative permittivity (real part)	36.75
Conductivity (S/m)	4.77

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

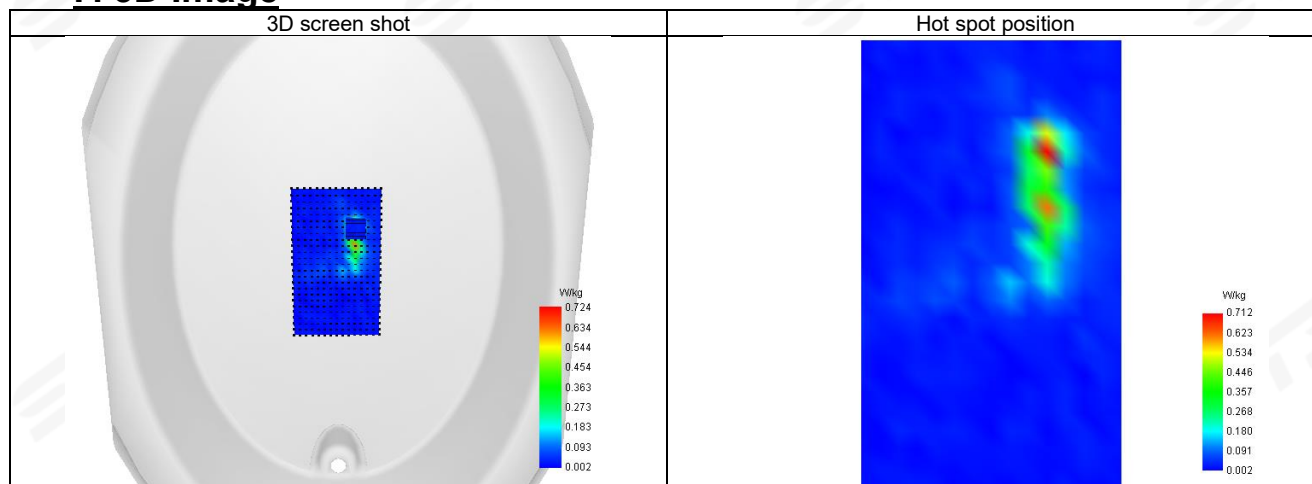
SAR 10g (W/Kg)	0.155
SAR 1g (W/Kg)	0.460
Horizontal validation criteria: minimum distance (mm)	5.656854
Vertical validation criteria: SAR ratio M2/M1 (%)	57.343573

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	24.00
SAR (W/Kg)	1.164	0.724	0.371	0.230	0.226	0.173	0.121	0.091	0.065	0.048	0.035	0.025	0.025

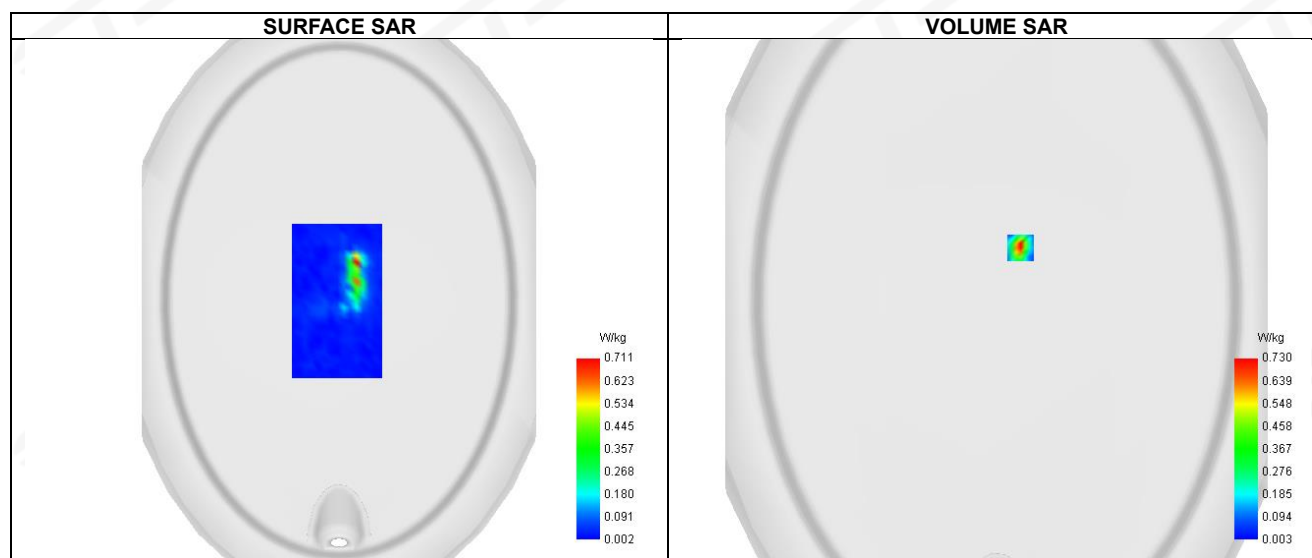


F. 3D Image



**Plot 17: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-01-30
ConvF	1.26
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.3G WIFI module 2_MIMO_ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5320
Relative permittivity (real part)	36.75
Conductivity (S/m)	4.77



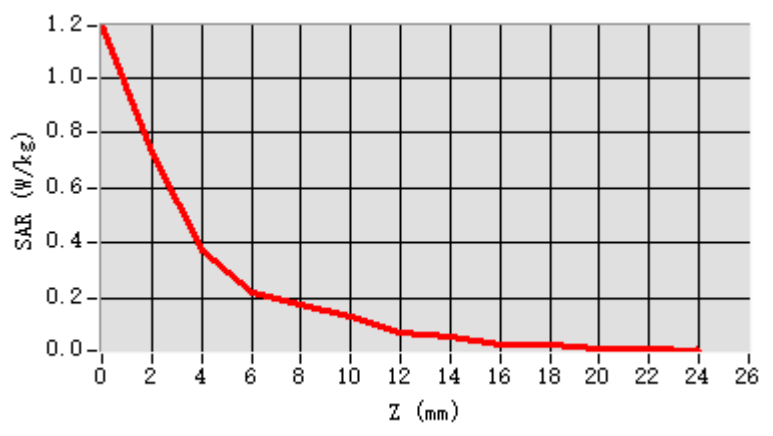
Maximum location: X=22.00, Y=48.00 ; SAR Peak: 1.40 W/kg

D. SAR 1g & 10g

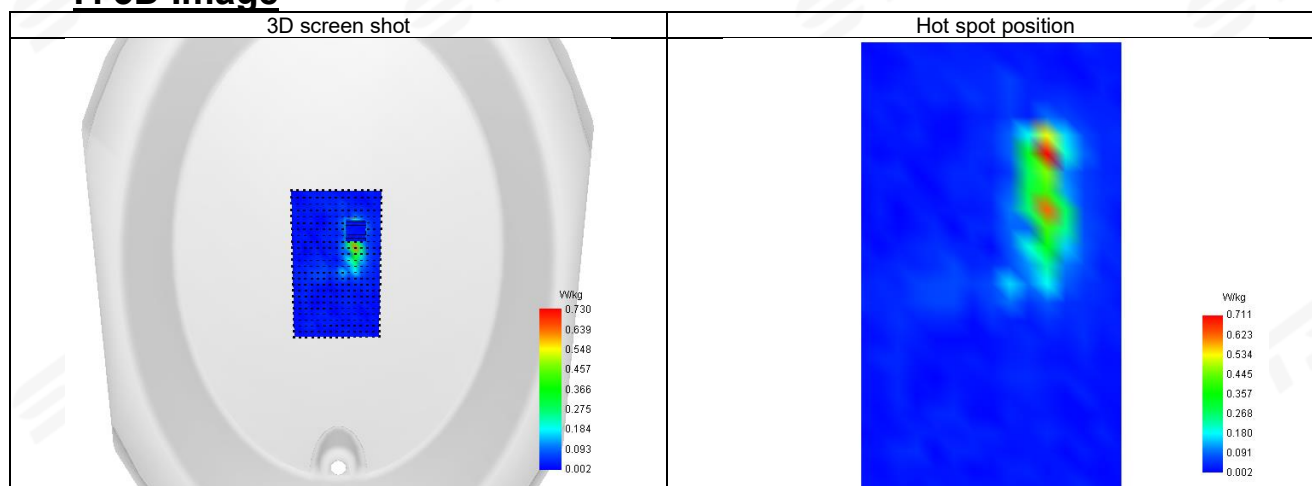
SAR 10g (W/Kg)	0.146
SAR 1g (W/Kg)	0.446
Horizontal validation criteria: minimum distance (mm)	5.656854
Vertical validation criteria: SAR ratio M2/M1 (%)	56.401562

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	24.00
SAR (W/Kg)	1.189	0.730	0.373	0.220	0.176	0.136	0.078	0.062	0.034	0.028	0.015	0.013	0.013

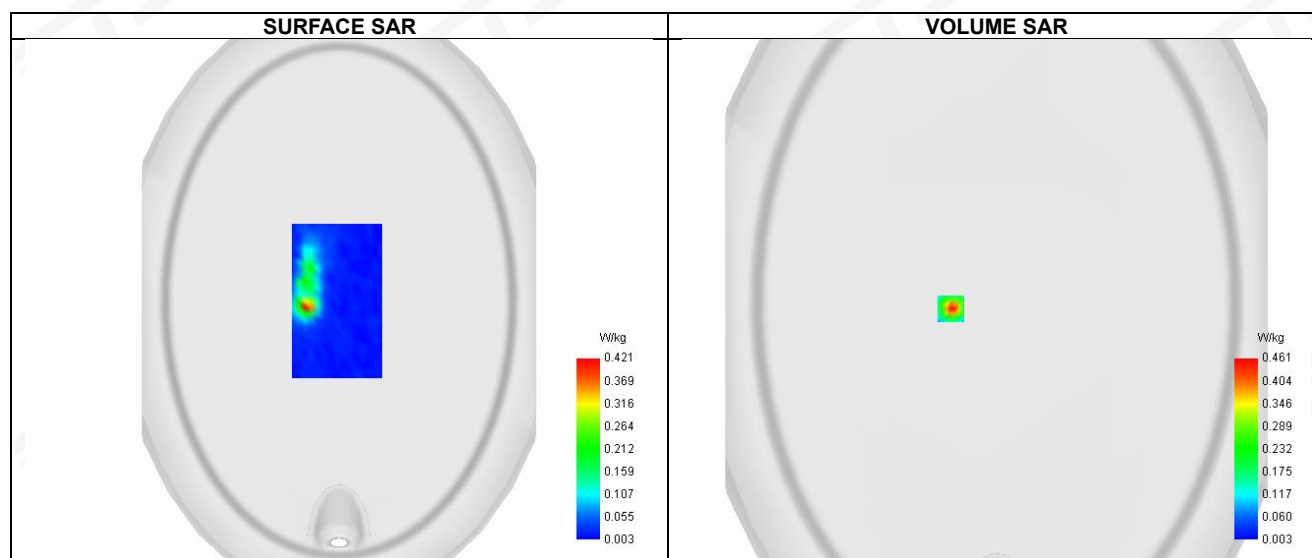


F. 3D Image



**Plot 18: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.21
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.6G WIFI module 2 ANT_1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5700
Relative permittivity (real part)	35.10
Conductivity (S/m)	5.19



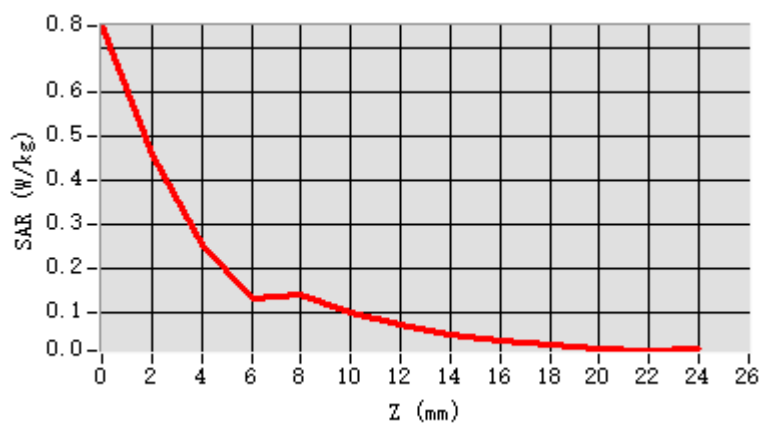
Maximum location: X=-41.00, Y=-7.00 ; SAR Peak: 0.88 W/kg

D. SAR 1g & 10g

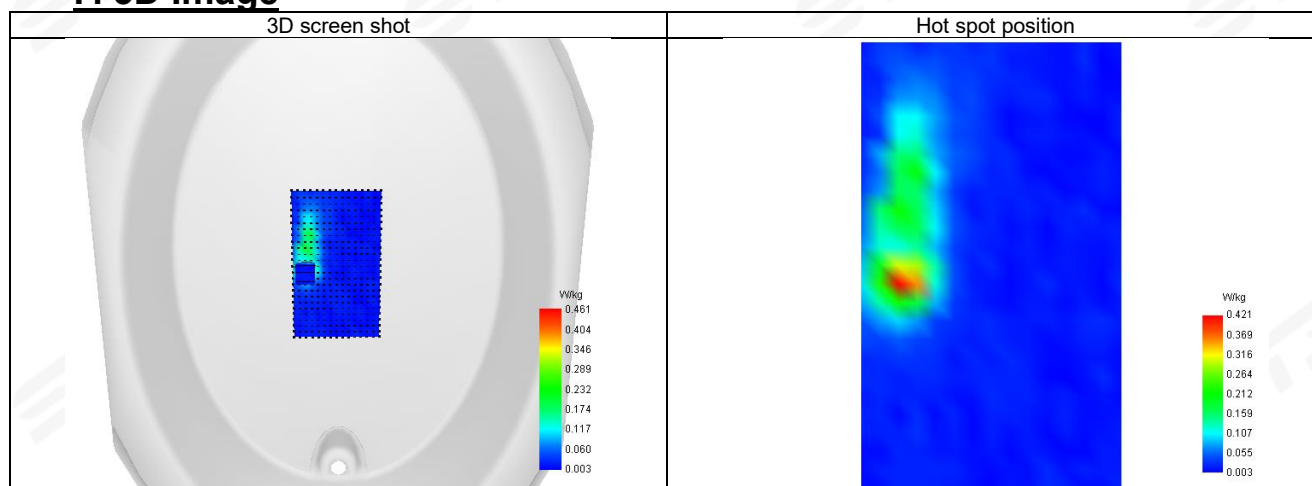
SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.272
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	54.913966

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	24.00
SAR (W/Kg)	0.752	0.461	0.253	0.130	0.142	0.101	0.072	0.051	0.036	0.026	0.018	0.013	0.013

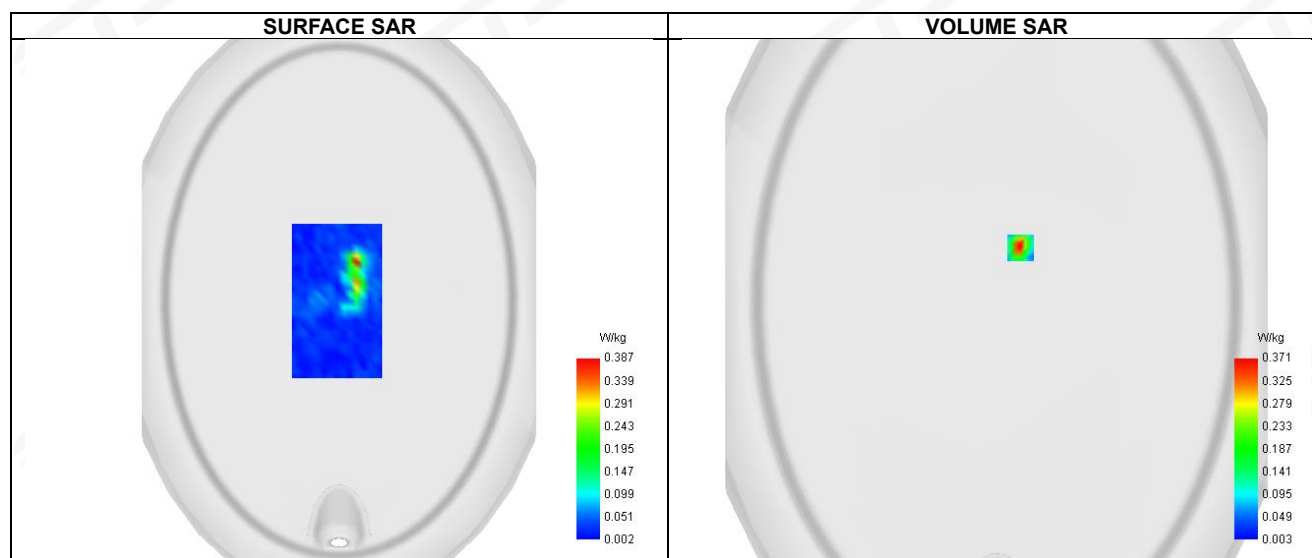


F. 3D Image



**Plot 19: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.21
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.6G WIFI module 2 ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5580
Relative permittivity (real part)	35.87
Conductivity (S/m)	5.01



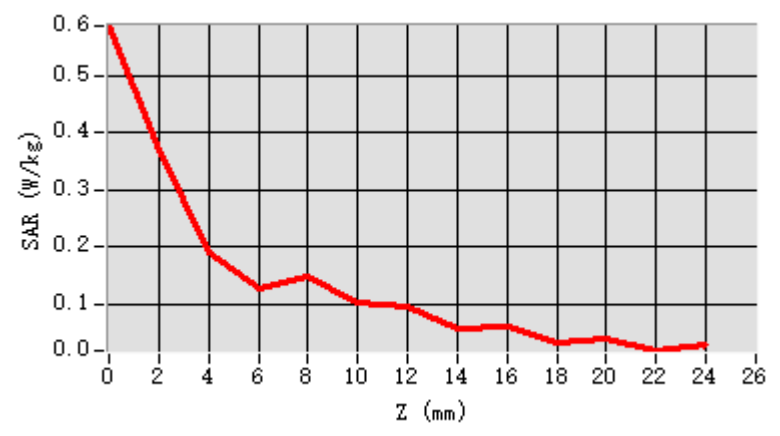
Maximum location: X=22.00, Y=48.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

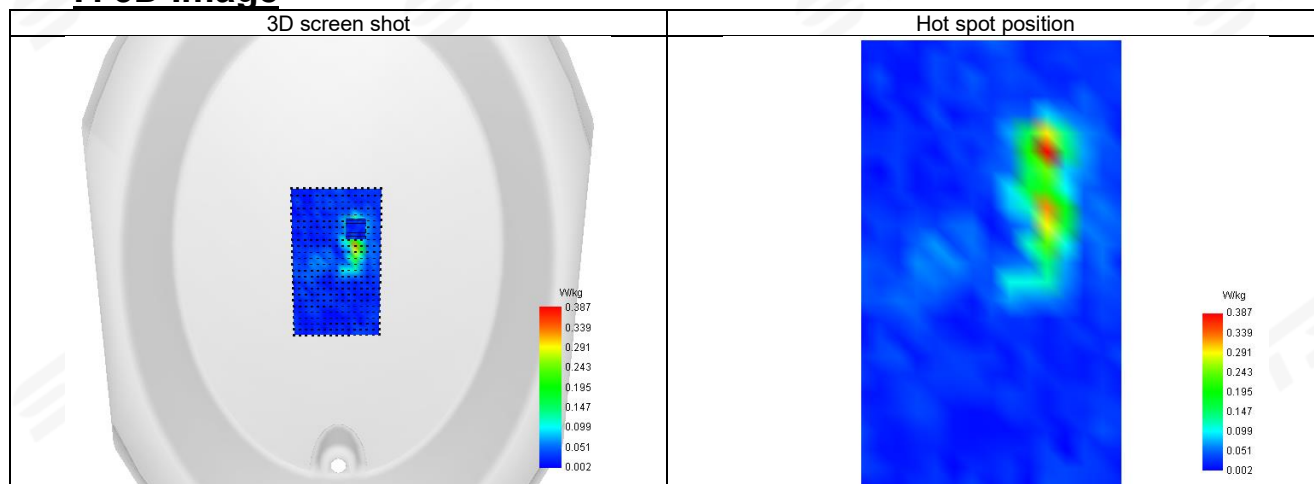
SAR 10g (W/Kg)	0.093
SAR 1g (W/Kg)	0.252
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.892009

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	24.00
SAR (W/Kg)	0.587	0.371	0.191	0.128	0.149	0.103	0.095	0.059	0.061	0.033	0.039	0.019	0.019

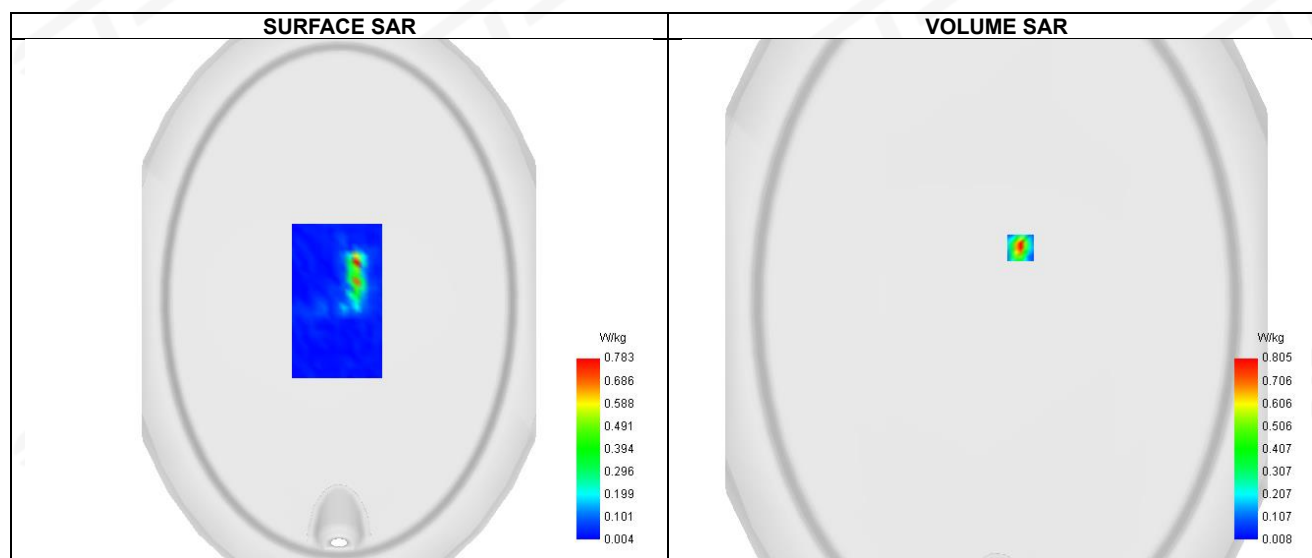


F. 3D Image



**Plot 20: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.21
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.6G WIFI module 2_MIMO_ANT_1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5580
Relative permittivity (real part)	35.87
Conductivity (S/m)	5.01



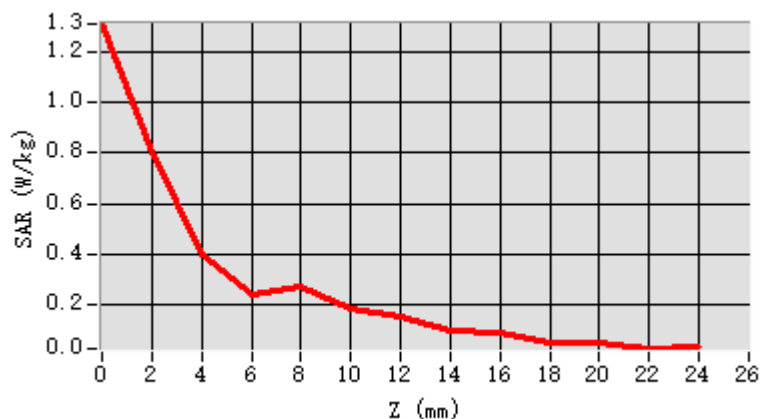
Maximum location: X=22.00, Y=48.00 ; SAR Peak: 1.58 W/kg

D. SAR 1g & 10g

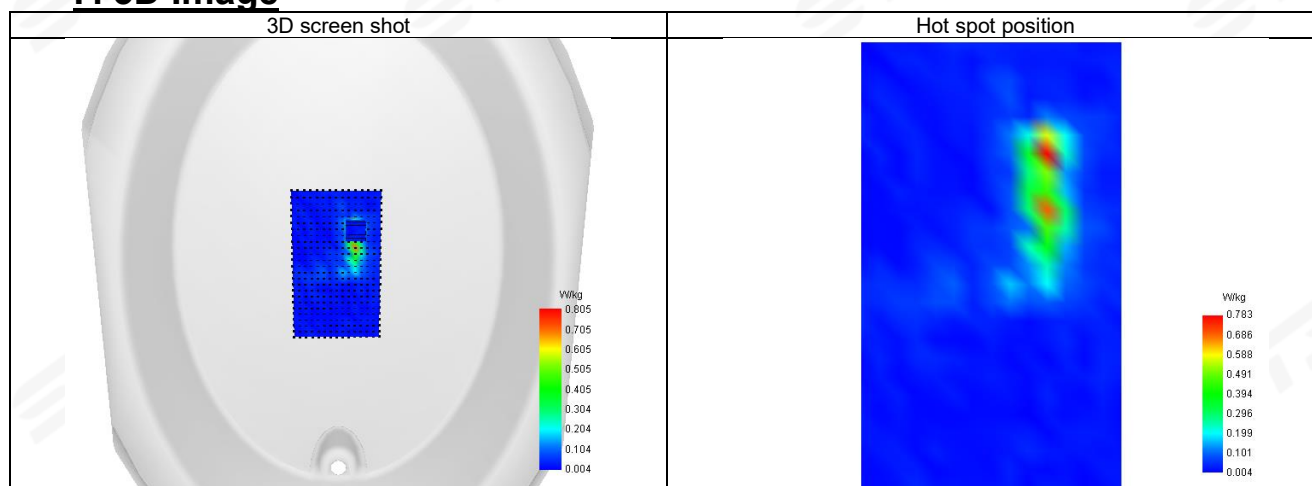
SAR 10g (W/Kg)	0.169
SAR 1g (W/Kg)	0.513
Horizontal validation criteria: minimum distance (mm)	5.656854
Vertical validation criteria: SAR ratio M2/M1 (%)	56.018859

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	24.00
SAR (W/Kg)	1.309	0.805	0.397	0.242	0.272	0.188	0.156	0.098	0.090	0.051	0.052	0.026	0.026

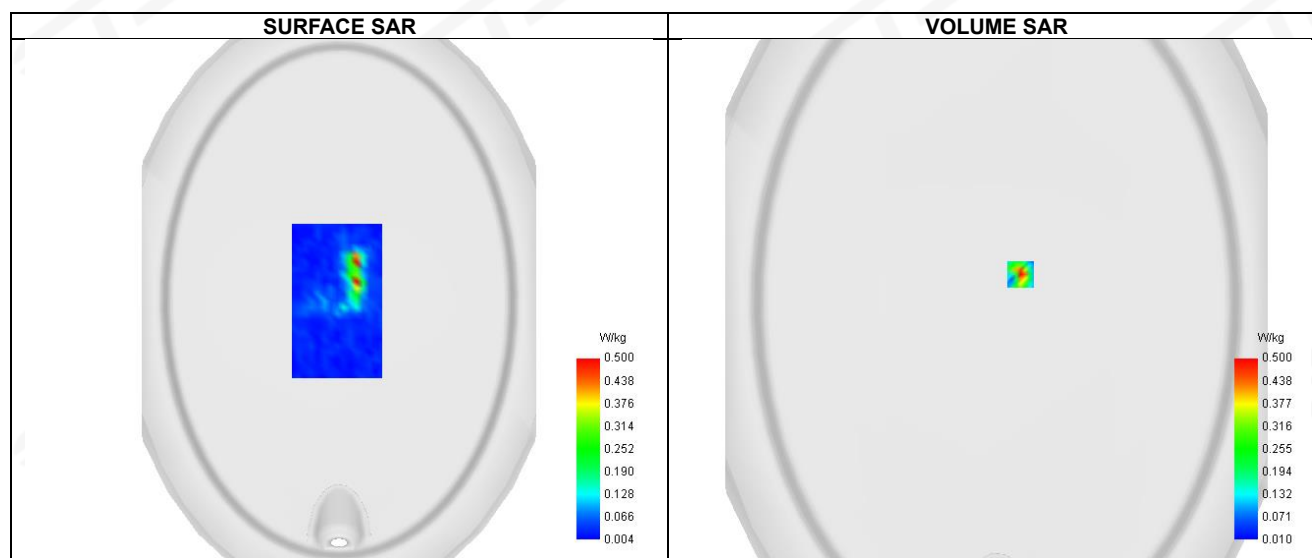


F. 3D Image



**Plot 21: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.21
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.6G WIFI module 2_MIMO_ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5580
Relative permittivity (real part)	35.87
Conductivity (S/m)	5.01



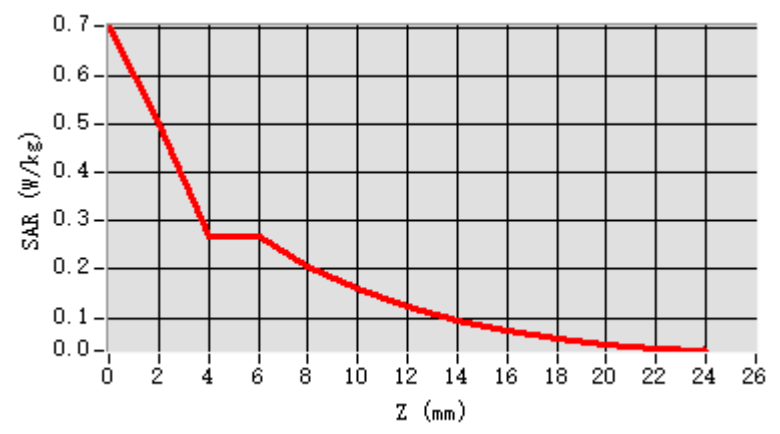
Maximum location: X=22.00, Y=24.00 ; SAR Peak: 1.07 W/kg

D. SAR 1g & 10g

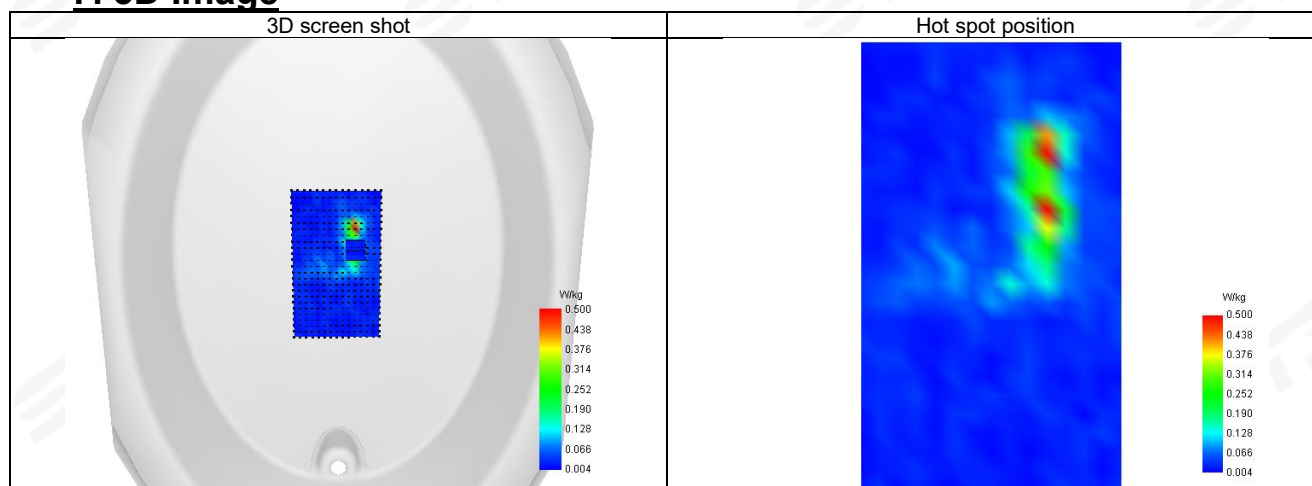
SAR 10g (W/Kg)	0.123
SAR 1g (W/Kg)	0.329
Horizontal validation criteria: minimum distance (mm)	5.656854
Vertical validation criteria: SAR ratio M2/M1 (%)	53.658272

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)	0.702	0.500	0.268	0.266	0.206	0.160	0.124	0.096	0.074	0.058	0.045	0.035

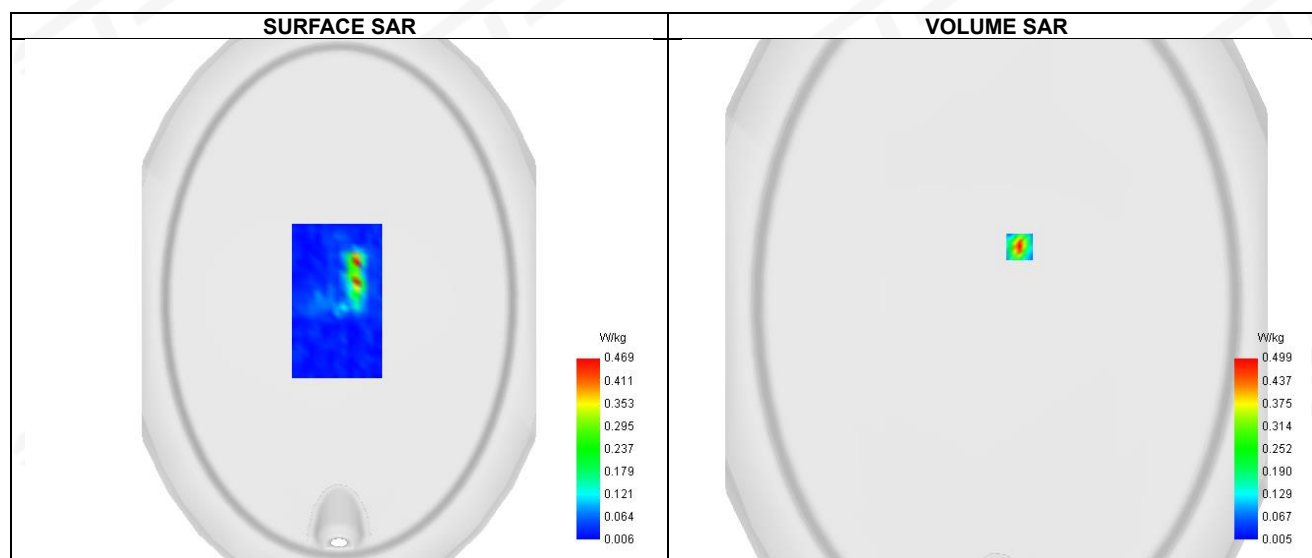


F. 3D Image



**Plot 22: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

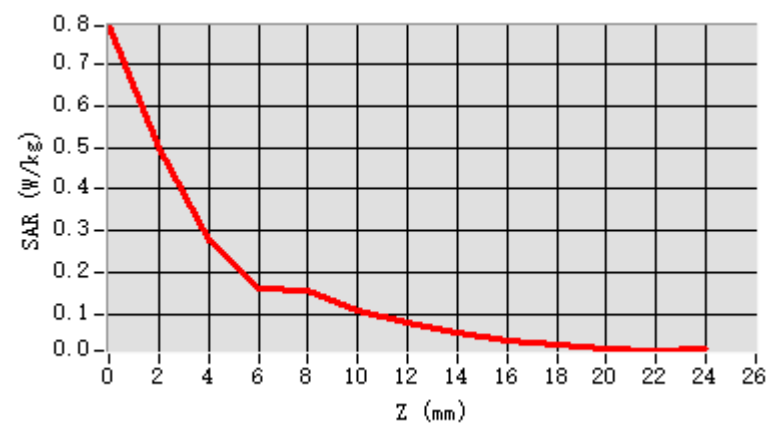
Test Date	2026-02-01
ConvF	1.32
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.8G WIFI module 2 ANT_1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5745
Relative permittivity (real part)	35.44
Conductivity (S/m)	5.29

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

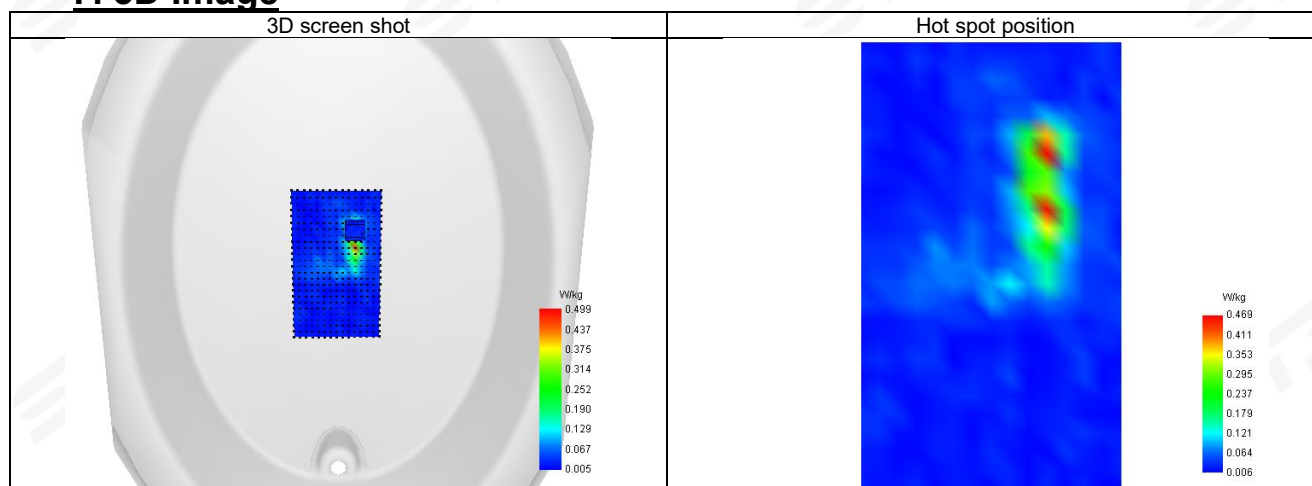
SAR 10g (W/Kg)	0.120
SAR 1g (W/Kg)	0.331
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.452505

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	24.00
SAR (W/Kg)	0.790	0.499	0.279	0.165	0.158	0.113	0.080	0.057	0.041	0.029	0.021	0.015	0.015

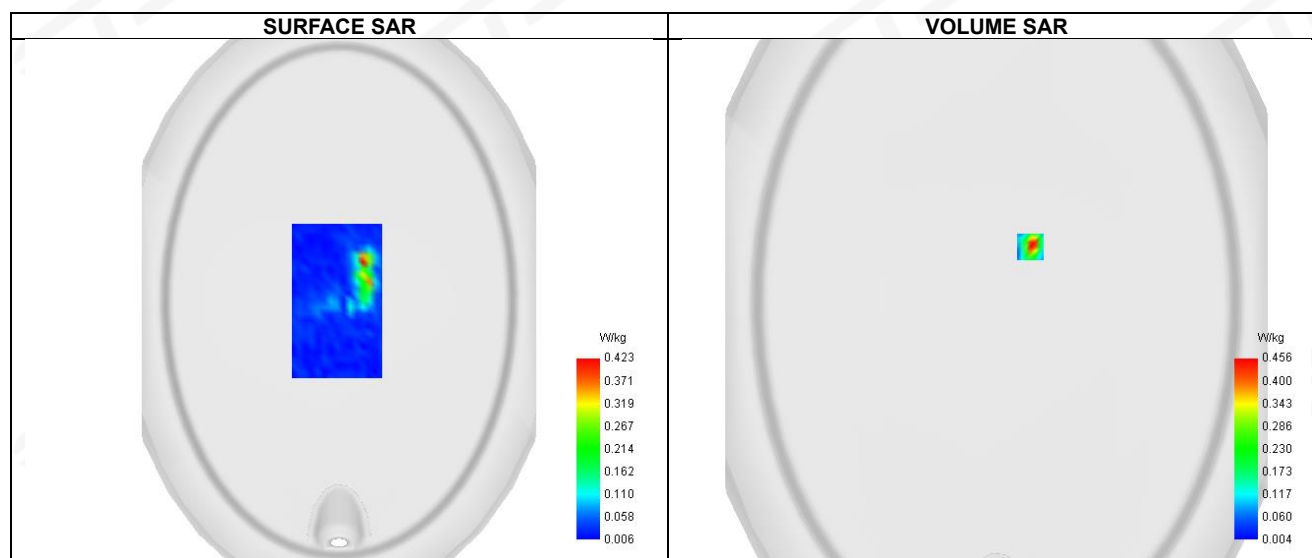


F. 3D Image



**Plot 23: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.32
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.8G WIFI module 2 ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5825
Relative permittivity (real part)	36.51
Conductivity (S/m)	5.47



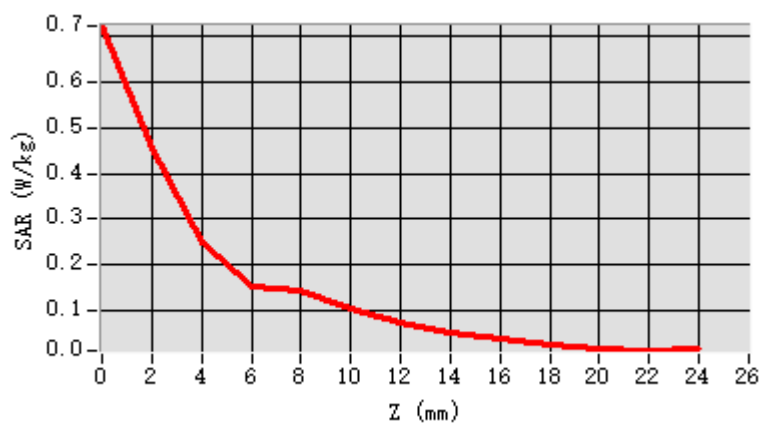
Maximum location: X=31.00, Y=49.00 ; SAR Peak: 0.91 W/kg

D. SAR 1g & 10g

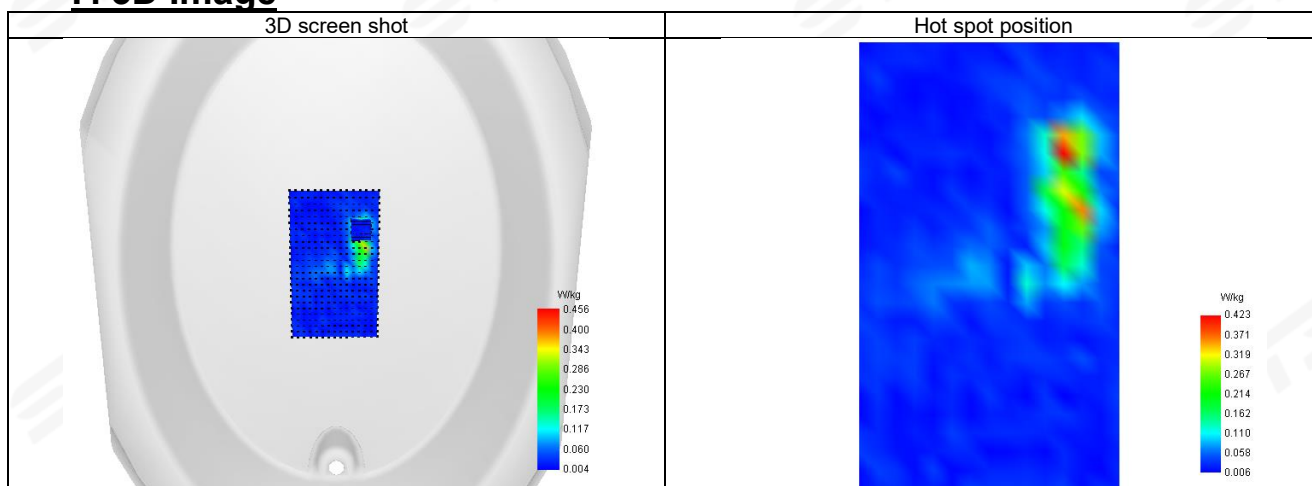
SAR 10g (W/Kg)	0.104
SAR 1g (W/Kg)	0.296
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.582822

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	24.00
SAR (W/Kg)	0.721	0.456	0.250	0.153	0.145	0.104	0.074	0.053	0.038	0.027	0.020	0.014	0.014

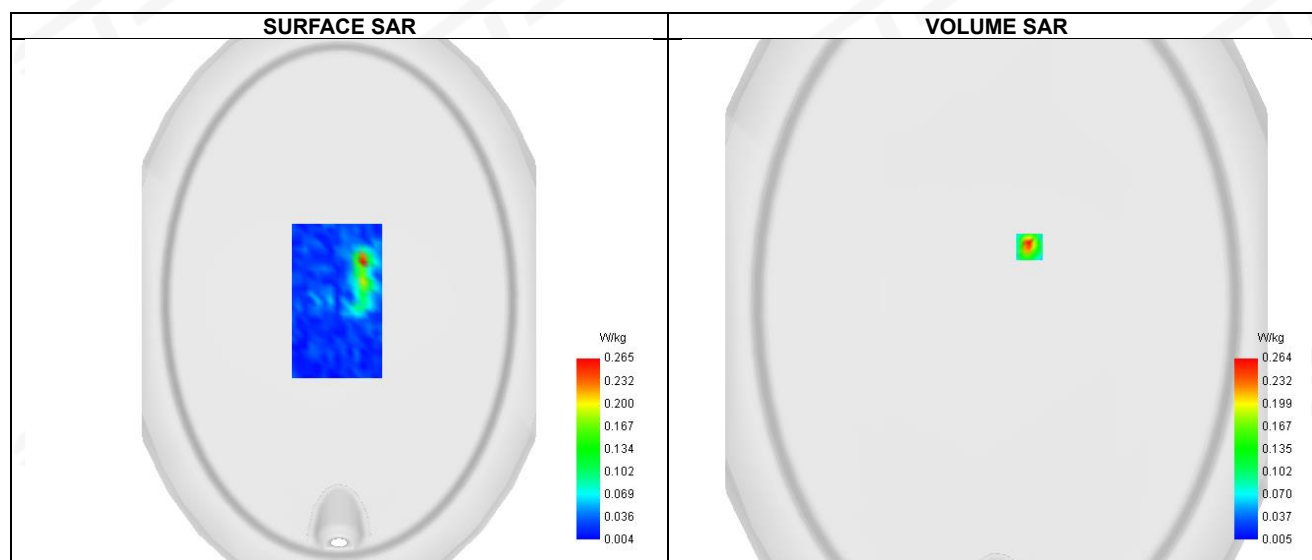


F. 3D Image



**Plot 24: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.32
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.8G WIFI module 2_MIMO_ANT_1
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5775
Relative permittivity (real part)	35.32
Conductivity (S/m)	5.27



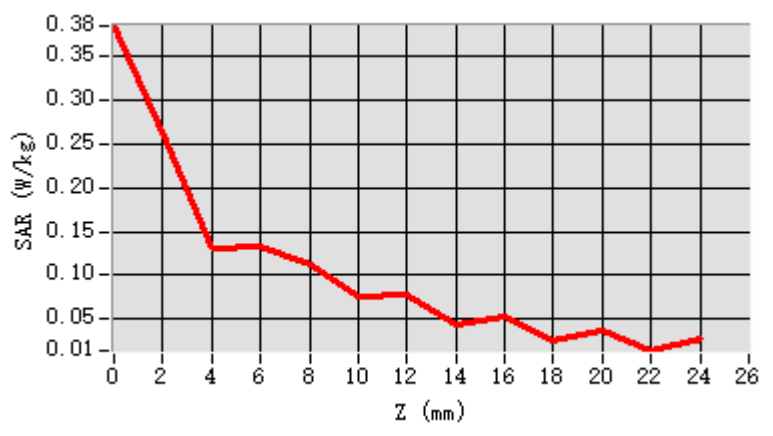
Maximum location: X=30.00, Y=49.00 ; SAR Peak: 0.55 W/kg

D. SAR 1g & 10g

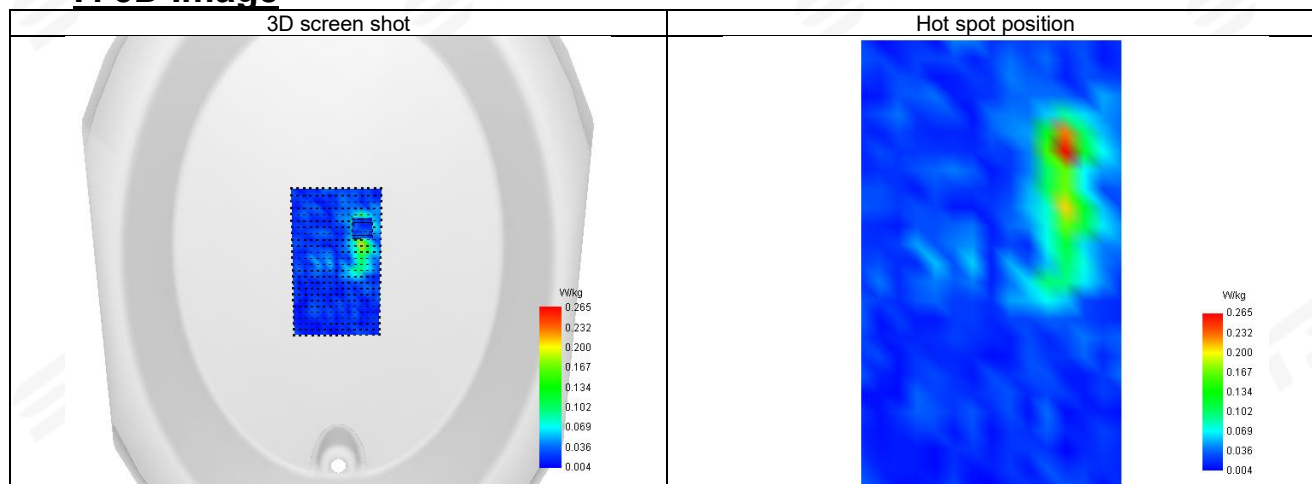
SAR 10g (W/Kg)	0.076
SAR 1g (W/Kg)	0.185
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.922461

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)	0.385	0.264	0.131	0.134	0.112	0.076	0.077	0.043	0.054	0.025	0.037	0.014

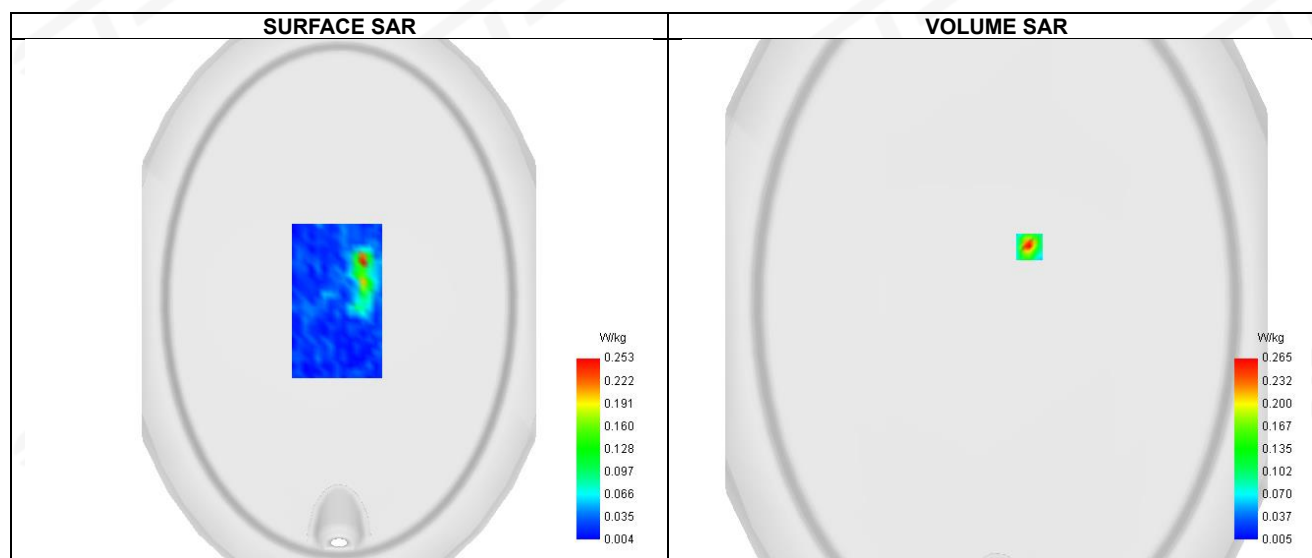


F. 3D Image



**Plot 25: DUT: ADV2 DIAGNOSTIC SCAN TOOL; EUT Model: ET9150**

Test Date	2026-02-01
ConvF	1.32
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	7x7x12, dx=4mm, dy=4mm, dz=2mm,
Phantom	Validation plane
Device Position	Back Side
Band	5.8G WIFI module 2_MIMO_ANT_2
Signal	802.11 n-HT20 (Crest factor: 1.0)
Frequency (MHz)	5775
Relative permittivity (real part)	35.32
Conductivity (S/m)	5.27

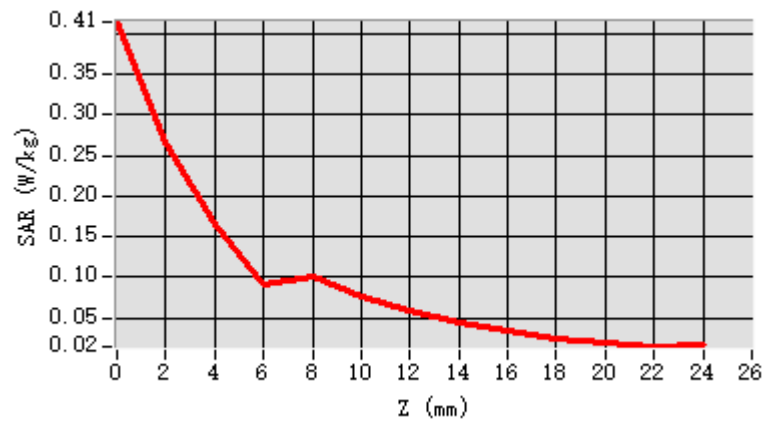
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.075
SAR 1g (W/Kg)	0.184
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	62.074352

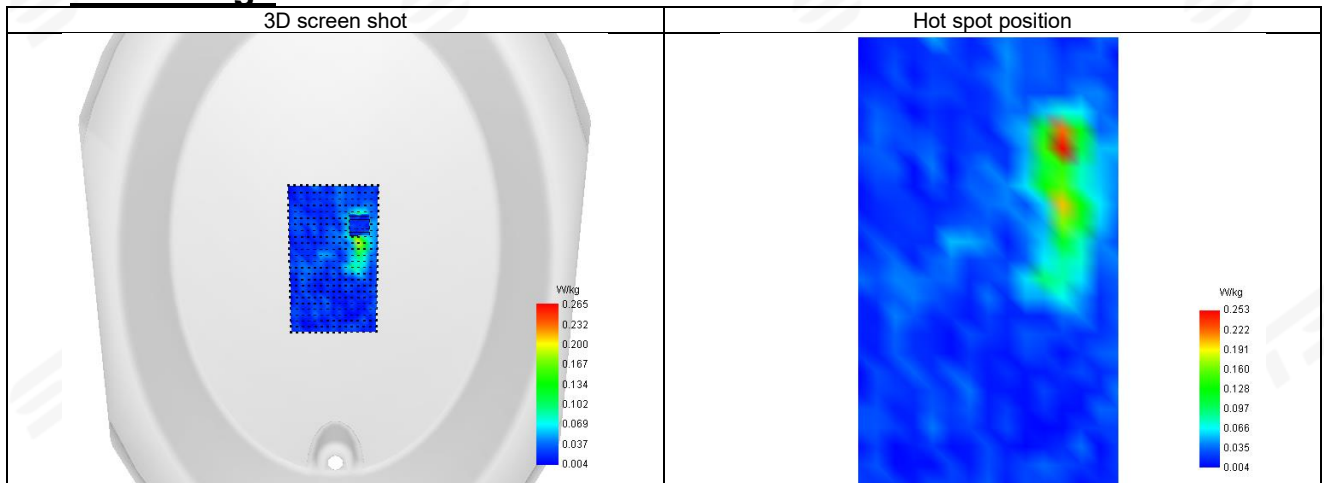


E. Z Axis Scan

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)	0.414	0.265	0.164	0.091	0.102	0.077	0.059	0.045	0.034	0.026	0.020	0.015



F. 3D Image





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※END OF THE REPORT※※※※