SAR Test Report

Report No.: AGC10211250501FH01

FCC ID	:	2BOSD-DEX-01
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	LEARNING CAMERA
BRAND NAME	:	DEX
MODEL NAME	:	DEX-01
APPLICANT	:	Worldex Lab, Inc.
DATE OF ISSUE	:	Jun. 30, 2025
STANDARD(S)	:	IEEE Std. 1528:2013 FCC 47 CFR Part 2§2.1093 IEEE Std C95.1 ™-2019
REPORT VERSION	:	V1.0

Attestation of Global Compliance(Shenzhen) Co., Ltd.

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jun. 30, 2025	Valid	Initial Release

Test Report

Applicant Name	Worldex Lab, Inc.
Applicant Address	201 Spear St., STE 1100 ROOM 11, San Francisco, CA 94105, United States Of America
Manufacturer Name	Worldex Lab, Inc.
Manufacturer Address	201 Spear St., STE 1100 ROOM 11, San Francisco, CA 94105, United States Of America
Factory Name	Shenzhen DUOWEI ZHILIAN TECHNOLOGY CO., LIMITED
Factory Address	Room 1907, Building 1, COFCO Chuangxin, Xingdong Community, Xin'an Street, Bao'an District, Shenzhen, Guandong, China
Product Designation	LEARNING CAMERA
Brand Name	DEX
Model Name	DEX-01
Series Model	N/A
Different Description	N/A
EUT Voltage	Input: DC 3.7V by battery or DC 5V by adapter
Applicable Standard	IEEE Std. 1528:2013 FCC 47 CFR Part 2§2.1093 IEEE Std C95.1 ™-2019
Date of receipt of test item	May 15, 2025
Test Date	Jun. 09, 2025 to Jun. 30, 2025
Report Template	AGCRT-US-4G/SAR (2021-04-20)

Note: The results of testing in this report apply to the product/system which was tested only.

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1. SUMMARY OF MAXIMUM SAR VALUE

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

Frequency Band	Highest Reported 1g-SAR(W/kg)		SAR Test Limit (W/kg)
	Body-worn(with 0mm separation)	Hotspot(with 0mm separation)	
LTE Band 2	1.007	1.007	1.6
LTE Band 4	1.224	1.224	
LTE Band 5	0.948	0.948	
LTE Band 7	1.353	1.353	
LTE Band 12	0.600	0.600	
LTE Band 13	0.431	0.431	
LTE Band 14	0.344	0.344	
LTE Band 17	0.612	0.612	
LTE Band 25	1.320	1.320	
LTE Band 38	1.109	1.109	
LTE Band 40-Lower Side	1.011	1.011	
LTE Band 40- Upper Side	0.776	0.776	
LTE Band 41	1.284	1.284	
LTE Band 66	1.132	1.132	
WIFI 2.4G	0.286	0.286	
5.2GHz (U-NII-1)	0.283	0.283	
5.3GHz (U-NII-2A)	0.302	0.302	
5.8GHz (U-NII-3)	0.233	0.233	
Simultaneous Reported SAR	1.497		
SAR Test Result	PASS		

This device is compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6W/kg) specified in IEEE Std. 1528:2013; FCC 47CFR § 2.1093; IEEE/ANSI C95.1:2005 and the following specific FCC Test Procedures:

- KDB 447498 D01 General RF Exposure Guidance v06
- KDB 648474 D04 Handset SAR v01r03
- KDB 865664 D01 SAR Measurement 100MHz to 6GHz v01r04
- KDB 941225 D06 Hotspot Mode v02r01
- KDB 248227 D01 802 11 Wi-Fi SAR v02r02
- KDB 941225 D05 SAR for LTE Devices v02r05

2. GENERAL INFORMATION

2.1. EUT Description

General Information	
Product Designation	LEARNING CAMERA
Test Model	DEX-01
Hardware Version	DL01-V1.1-20241230
Software Version	DL01_20250225142131_User
Sample ID	250528036
Device Category	Portable
RF Exposure Environment	Uncontrolled
Antenna Type	Internal
Bluetooth	
Bluetooth Version	V5.0
Operation Frequency	2402~2480MHz
Type of modulation	☒GFSK ☒Π/4-DQPSK ☒8-DPSK
Peak Power	1.57dBm
Antenna Gain	0dBi
2.4GHz WIFI	
WIFI Specification	☐802.11a ☒802.11b ☒802.11g ☒802.11n(20) ☒802.11n(40)
Operation Frequency	2412~2462MHz
Avg. Burst Power	11b: 10.03dBm,11g:10.01dBm,11n(20):9.86dBm,11n(40):9.73dBm
Antenna Gain	0dBi
LTE	
Support Band	☒FDD Band 2 ☒FDD Band 4 ☒FDD Band 5 ☒FDD Band 7 ☒FDD Band 12 ☒FDD Band 13 ☒FDD Band 14 ☒FDD Band 17 ☒FDD Band 25 ☒TDD Band 38 ☒TDD Band 40 ☒TDD Band 41 ☒FDD Band 66
TX Frequency Range	Band 2:1850-1910MHz; Band 4:1710-1755MHz;Band 5:824-849MHz; Band 7:2500-2570MHz; Band 12:699-716MHz; Band 13: 777-787MHz; Band 14: 788-798MHz; Band 17: 704-716MHz; Band 25: 1850-1915MHz; Band 38: 2570-2620 MHz; Band 40:2305-2315&2350-2360MHz; Band 41:2496-2690MHz; Band 66:1710-1780MHz;
RX Frequency Range	Band 2:1930-1990MHz; Band 4:2110-2155MHz; Band 5:869-894MHz; Band 7:2620-2690MHz; Band 12: 729-746 MHz; Band 13: 746-756MHz; Band 14: 758-768 MHz; Band 17: 734-746 MHz; Band 25: 1930-1995MHz; Band 38: 2570-2620 MHz; Band 40:2305-2315&2350-2360MHz; Band 41:2496-2690MHz; Band 66:2110-2200MHz;
Type of modulation	QPSK, 16QAM
Antenna Gain	Band 2: 0.85dBi; Band 4: 1.61dBi; Band 5: -2.3dBi; Band 7: 2.47dBi; Band 12: -2.23dBi; Band 13: -1.77dBi; Band 14: -0.2dBi; Band 17: -2.23dBi; Band 25: 0.85dBi; Band 38: 1.97dBi; LTE-Band 40(Lower Side): 0.58dBi; LTE-Band 40 (Upper Side): 0.53 dBi; Band 41: 2.59dBi; Band 66: 1.61dBi;
Max. Average Power	Band 2: 23.10dBm; Band 4: 22.74dBm; Band 5: 24.03dBm; Band 7:22.52dBm; Band 12: 23.84dBm; Band 13: 22.75dBm; Band 14: 23.00dBm; Band 17: 23.29dBm; Band 25: 22.70dBm; Band 38: 22.79dBm; LTE-Band 40(Lower Side): 23.06dBm; LTE-Band 40 (Upper Side): 22.78dBm; Band 41: 21.35dBm; Band 66:

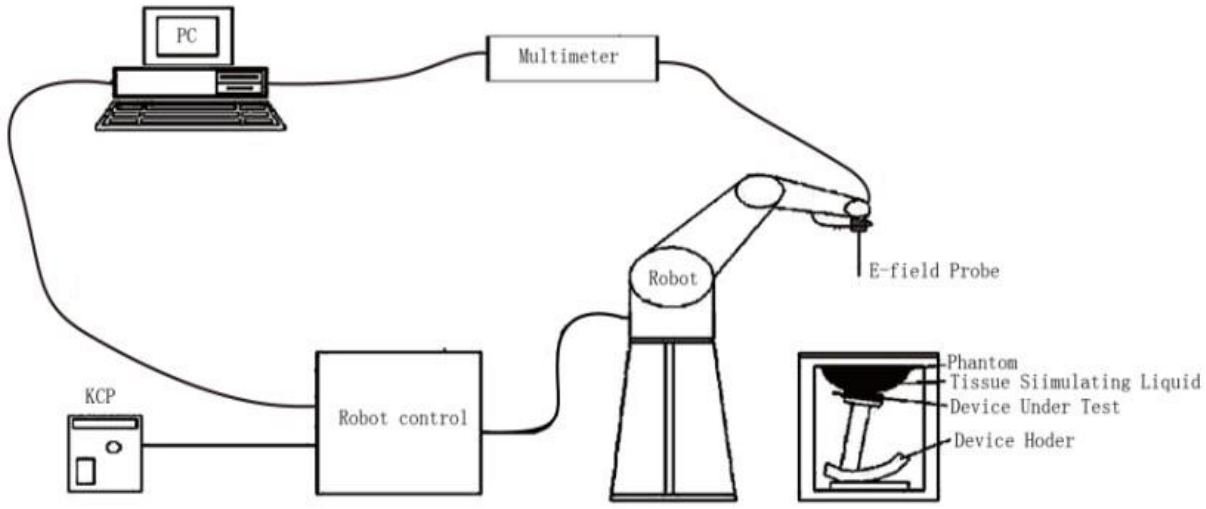
	22.80dBm;
5 GHz WIFI	
WIFI Specification	☒802.11a ☒802.11n20 ☒802.11n40 ☒802.11ac20 ☒802.11ac40 ☒802.11ac80
Operation Frequency	U-NII-1: 5180MHz~5240MHz; U-NII-2A: 5260MHz~5320MHz; U-NII-3: 5745MHz~5825MHz
Max. conducted Power	U-NII-1:8.83dBm; U-NII-2A: 8.98dBm; U-NII-3: 7.42dBm
Antenna Gain	0dBi
Accessories	
Battery	Brand name: N/A Model No. : 124043 Voltage and Capacitance: 3.7 V & 2900mAh
Earphone	Brand name: N/A Model No. : N/A

Note:1.CMU200 can measure the average power and Peak power at the same time
2.The sample used for testing is end product.
3. The test sample has no any deviation to the test method of standard mentioned in page 1.

Product	Type
	☒ Production unit ☐ Identical Prototype

3. SAR MEASUREMENT SYSTEM

3.1. The SATIMO system used for performing compliance tests consists of following items



The COMOSAR system for performing compliance tests consists of the following items:

- The PC. It controls most of the bench devices and stores measurement data.A computer running WinXP and the Opensar software.
- The E-Field probe. The probe is a 3-axis system made of 3 distinct dipoles. Each dipole returns a voltage in function of the ambient electric field.
- The Keithley multimeter measures each probe dipole voltages.
- The SAM phantom simulates a human head. The measurement of the electric field is made inside the phantom.
- The liquids simulate the dielectric properties of the human head tissues.
- The network emulator controls the mobile phone under test.
- The validation dipoles are used to measure a reference SAR. They are used to periodically check the bench to make sure that there is no drift of the system characteristics over time.

·The phantom, the device holder and other accessories according to the targeted measurement.

3.2. COMOSAR E-Field Probe

The SAR measurement is conducted with the dosimetric probe manufactured by SATIMO. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. SATIMO conducts the probe calibration in compliance with international and national standards (e.g. IEEE 1528 and relevant KDB files.) The calibration data are in Appendix D.

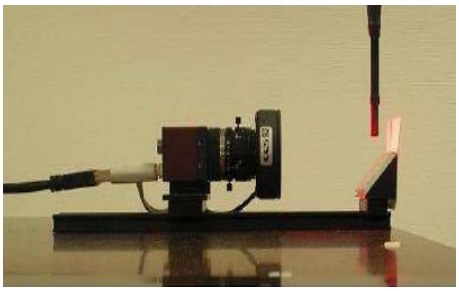
Isotropic E-Field Probe Specification

Model	SSE2	
Manufacture	MVG	
Identification No.	2023-EPGO-414	
Frequency	0.15GHz-7.5GHz Linearity:±0.10dB(0.15GHz-7.5GHz)	
Dynamic Range	0.01W/kg-100W/kg Linearity:±0.10dB	
Dimensions	Overall length:330mm Length of individual dipoles:2mm Maximum external diameter:8mm Probe Tip external diameter:2.5mm Distance between dipoles/ probe extremity:1mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precisin of better 30%.	

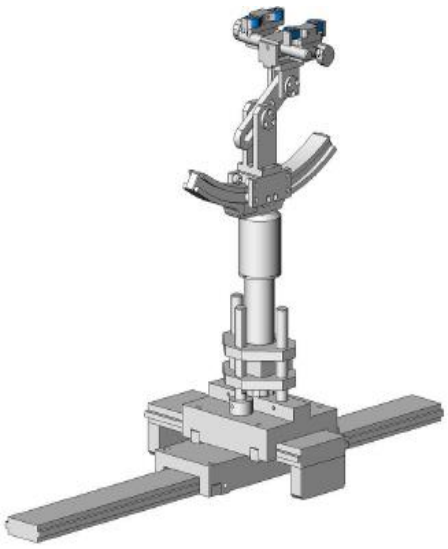
3.3. Robot

The COMOSAR system uses the KUKA robot from SATIMO SA (France).For the 6-axis controller COMOSAR system, the KUKA robot controller version from SATIMO is used. The XL robot series have many features that are important for our application: □ High precision (repeatability 0.02 mm) □ High reliability (industrial design) □ Jerk-free straight movements □ Low ELF interference (the closed metallic construction shields against motor control fields) □ 6-axis controller	

3.4. Video Positioning System

The video positioning system is used in OpenSAR to check the probe. Which is composed of a camera, LED, mirror and mechanical parts.The camera is piloted by the main computer with firewire link. During the process, the actual position of the probe tip with respect to the robot arm is measured, as well as the probe length and the horizontal probe offset. The software then corrects all movements, such that the robot coordinates are valid for the probe tip. The repeatability of this process is better than 0.1 mm. If a position has been taught with an aligned probe, the same position will be reached with another aligned probe within 0.1 mm, even if the other probe has different dimensions. During probe rotations, the probe tip will keep its actual position.	

3.5. Device Holder

The COMOSAR device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation center for both scales is the ear reference point (EPR). Thus the device needs no repositioning when changing the angles. The COMOSAR device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity εr =3 and loss tangent δ = 0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.	

3.6. SAM Twin Phantom

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas: □ Left head □ Right head □ Flat phantom	

The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

4. SAR MEASUREMENT PROCEDURE

4.1. Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in 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 occupational/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 given mass 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 can be obtained using either of the following equations:

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

$$SAR = c_h \left.\frac{dT}{dt}\right|_{t=0}$$

Where

SAR	is the specific absorption rate in watts per kilogram;
E	is the r.m.s. value of the electric field strength in the tissue in volts per meter;
σ	is the conductivity of the tissue in siemens per metre;
ρ	is the density of the tissue in kilograms per cubic metre;
c_h	is the heat capacity of the tissue in joules per kilogram and Kelvin;
$\frac{dT}{dt} \mid t = 0$	is the initial time derivative of temperature in the tissue in kelvins per second

4.2. SAR Measurement Procedure

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 os 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	½·δ·ln(2) ± 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 abd 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

Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 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: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
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: δ 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.

4.3. RF Exposure Conditions

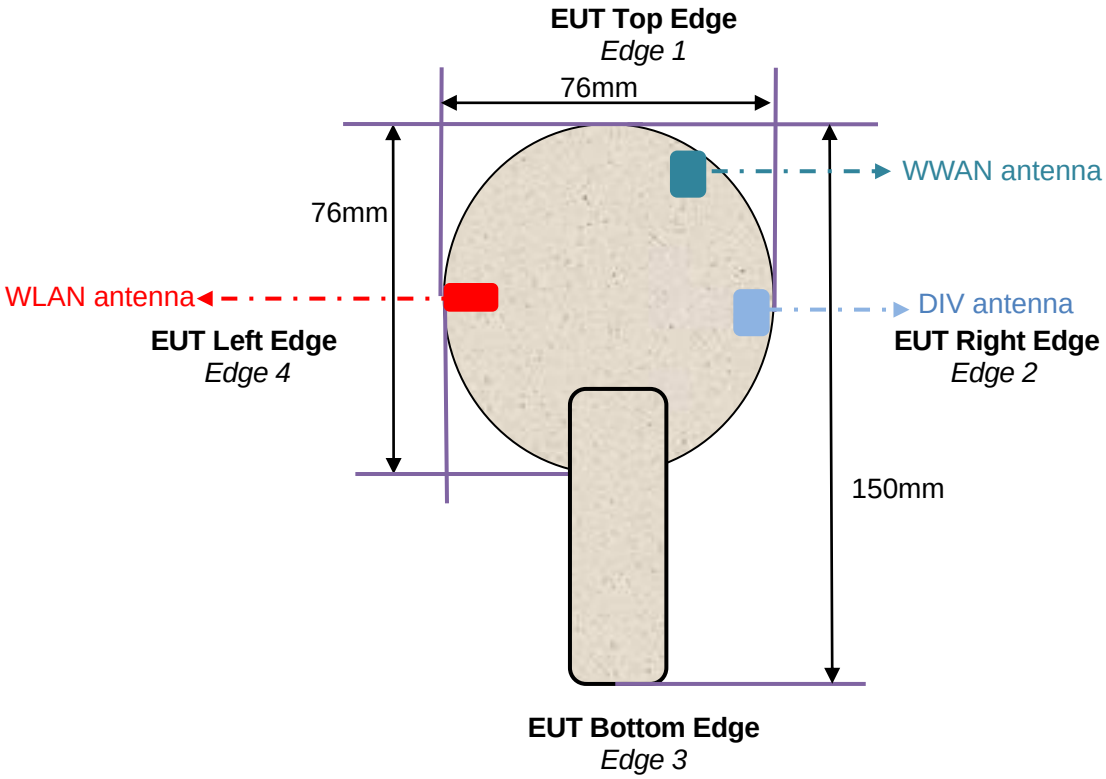
Test Configuration and setting:

The EUT is a LEARNING CAMERA. It supports LTE, BT, WIFI, and support hot spot mode.

For WWAN SAR testing, the device was controlled by using a base station emulator. Communication between the device and the emulator were established by air link. The distance between the EUT and the antenna is larger than 50cm, and the output power radiated from the emulator antenna is at least 30db smaller than the output power of EUT.

For WLAN testing, the EUT is configured with the WLAN continuous TX tool through engineering command.

Antenna Location: (front view)



The Body SAR measurement positions of each band are as below:

Test Configurations	Antenna to edges/surface	SAR required
WLAN:		
Back	<25mm	Yes
Front	<25mm	Yes
Edge 1 (Top)	<25mm	Yes
Edge 2 (Right)	＞25mm	No
Edge 3 (Bottom)	＞25mm	No
Edge 4 (Left)	<25mm	Yes
WWAN:		
Back	<25mm	Yes
Front	<25mm	Yes
Edge 1 (Top)	<25mm	Yes
Edge 2 (Right)	<25mm	Yes
Edge 3 (Bottom)	＞25mm	No
Edge 4 (Left)	＞25mm	No

Note: SAR is measured for all sides and surfaces with a transmitting antenna located within 25 mm from that surface or edge.

5. TISSUE SIMULATING LIQUID

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15cm. For head SAR testing the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15cm For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15cm.The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5% are listed in 5.2

5.1. The composition of the tissue simulating liquid

Ingredient (% Weight) / **Frequency** (MHz)	**Water**	**Nacl**	**Polysorbate 20**	**DGBE**	**1,2-Propanediol**	**Triton X-100**	**Diethylen glycol monohex ylether**
750 Head	35	2	0.0	0.0	63	0.0	0.0
835 Head	50.36	1.25	48.39	0.0	0.0	0.0	0.0
1750 Head	52.64	0.36	0.0	47	0.0	0.0	0.0
1900 Head	54.9	0.18	0.0	44.92	0.0	0.0	0.0
2300 Head	62.82	0.51	0.0	36.67	0.0	0.0	0.0
2450 Head	71.88	0.16	0.0	7.99	0.0	19.97	0.0
2600 Head	55.242	0.306	0	44.452	0	0	0.0
5000 Head	65.52	0.0	0.0	0.0	0.0	17.24	17.24

5.2. Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEEE 1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head and body tissue parameters that have not been specified in IEEE 1528 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations described in Reference [12] and extrapolated according to the head parameters specified in IEEE 1528.

Target Frequency (MHz)	head		body	
	εr	σ (S/m)	εr	σ (S/m)
300	45.3	0.87	45.3	0.87
450	43.5	0.87	43.5	0.87
750	**41.9**	**0.89**	**41.9**	**0.89**
835	**41.5**	**0.90**	**41.5**	**0.90**
900	41.5	0.97	41.5	0.97
915	41.5	1.01	41.5	1.01
1450	40.5	1.20	40.5	1.20
1610	40.3	1.29	40.3	1.29
1750	**40.1**	**1.37**	**40.1**	**1.37**
1800 – 2000	**40.0**	**1.40**	**40.0**	**1.40**
2300	**39.5**	**1.67**	**39.5**	**1.67**
2450	**39.2**	**1.80**	**39.2**	**1.80**
2600	**39.0**	**1.96**	**39.0**	**1.96**
3000	38.5	2.40	38.5	2.40
5200	**36.0**	**4.66**	**36.0**	**4.66**
5300	**35.9**	**4.76**	**35.9**	**4.76**
5600	**35.5**	**5.07**	**35.5**	**5.07**
5800	**35.3**	**5.27**	**35.3**	**5.27**

(εr = relative permittivity, σ = conductivity and ρ = 1000 kg/m3

5.3. Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using SATIMO Dielectric Probe Kit and R&S Network Analyzer ZVL6.

Tissue Stimulant Measurement for 750MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 41.9 (39.805-43.995)	δ[s/m] 0.89(0.8455-0.9345)				
Head	704	43.22	0.85	20.9	53.2	20.7	Jun. 26, 2025
	707.5	43.01	0.85				
	709	42.86	0.86				
	710	42.63	0.86				
	711	42.36	0.87				
	750	42.08	0.88				
	782	41.86	0.90				
	793	41.33	0.91				

Tissue Stimulant Measurement for 835MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 41.5 (39.425-43.575)	δ[s/m] 0.90 (0.855-0.945)				
Head	829	42.87	0.91	20.2	50.9	19.9	Jun. 08, 2025
	835	42.57	0.93				
	836.5	41.91	0.93				
	844	40.69	0.94				

Tissue Stimulant Measurement for 1750MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 40.1 (38.095-42.105)	δ[s/m]1.37 (1.302-1.439)				
Head	1720	40.68	1.32	20.4	59.7	20.1	Jun. 09, 2025
	1732.5	40.33	1.34				
	1745	39.68	1.35				
	1750	39.07	1.36				
	1770	38.22	1.39				

Tissue Stimulant Measurement for 1900MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr40.00 (38.00-42.00)	δ[s/m]1.40 (1.33-1.47)				
Head	1860	41.08	1.34	21.2	53.1	21.0	Jun. 10, 2025
	1880	40.39	1.35				
	1882.5	39.43	1.35				
	1900	39.16	1.36				
	1905	38.76	1.37				

Tissue Stimulant Measurement for 2300MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 39.5 (37.525-41.475)	δ[s/m] 1.67 (1.587-1.754)				
Head	2300	38.54	1.71	20.7	48.9	20.3	Jun. 11, 2025
	2310	38.26	1.73				
	2355	37.95	1.74				

Tissue Stimulant Measurement for 2450MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr39.2 (37.24-41.16)	δ[s/m] 1.80(1.71-1.89)				
Head	2412	40.13	1.74	19.6	50.7	19.3	Jun. 28, 2025
	2437	39.22	1.76				
	2450	38.35	1.77				
	2462	37.89	1.79				

Tissue Stimulant Measurement for 2600MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr39 (37.05-40.95)	δ[s/m] 1.96(1.86-2.06)				
Head	2506	40.36	1.88	20.5	50.7	20.1	Jun. 15, 2025
	2510	40.21	1.89				
	2535	39.76	1.91				
	2560	39.41	1.93				
	2580	39.21	1.93				
	2593	38.92	1.94				
	2595	38.76	1.94				
	2600	38.67	1.95				
	2610	38.44	1.97				
	2680	38.26	1.99				

Tissue Stimulant Measurement for 5200MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 36.0 (34.11-37.70)	δ[s/m] 4.66 (4.427-4.893)				
Head	5180	36.21	4.55	20.2	49.8	19.9	Jun. 29, 2025
	5200	35.88	4.59				
	5220	35.13	4.61				
	5240	34.90	4.63				

Tissue Stimulant Measurement for 5300MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 35.9 (34.11-37.70)	δ[s/m] 4.76 (4.52-5.00)				
Head	5260	36.43	4.69	19.7	56.4	19.6	Jun. 27, 2025
	5300	36.07	4.71				
	5320	35.76	4.73				

Tissue Stimulant Measurement for 5800MHz							
	Fr. (MHz)	Dielectric Parameters (±5%)		Ambient Temp [℃]	Relative Humidity (%)	Tissue Temp [°C]	Test time
		εr 35.3 (33.54-37.07)	δ[s/m] 5.27 (5.01-5.53)				
Head	5745	36.21	5.31	21.3	47.3	21.1	Jun. 30, 2025
	5785	35.61	5.33				
	5800	35.04	5.35				
	5825	34.68	5.37				

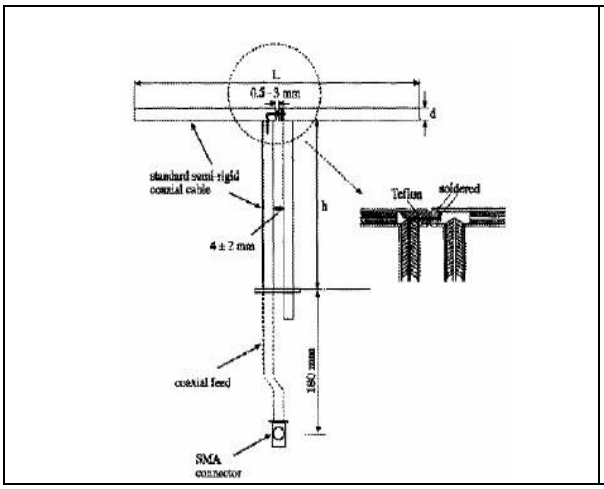
6. SAR SYSTEM CHECK PROCEDURE

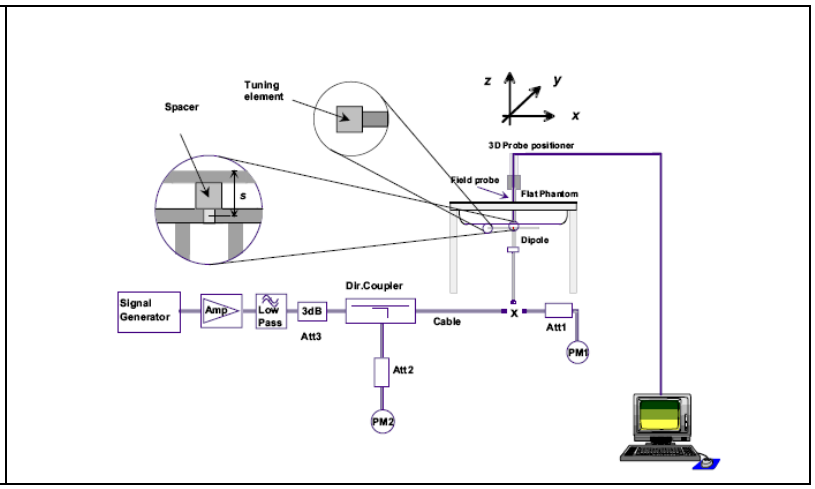
6.1. SAR System Check Procedures

SAR system check is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device. The same SAR probe(s) and tissue-equivalent media combinations used with each specific SAR system for system verification must be used for device testing. When multiple probe calibration points are required to cover substantially large transmission bands, independent system verifications are required for each probe calibration point. A system verification must be performed before each series of SAR measurements using the same probe calibration point and tissue-equivalent medium. Additional system verification should be considered according to the conditions of the tissue-equivalent medium and measured tissue dielectric parameters, typically every three to four days when the liquid parameters are remeasured or sooner when marginal liquid parameters are used at the beginning of a series of measurements.

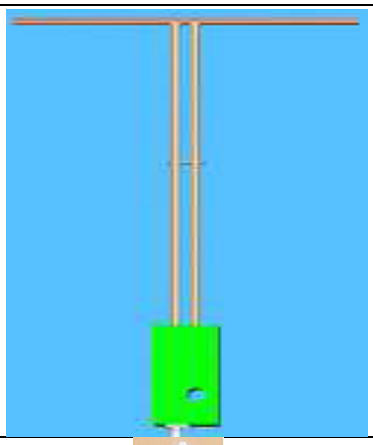
Each SATIMO system is equipped with one or more system check kits. These units, together with the predefined measurement procedures within the SATIMO software, enable the user to conduct the system check and system validation. System kit includes a dipole, and dipole device holder.

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 check setup is shown as below.





6.2. SAR System Check
6.2.1. Dipoles

	The dipoles are based on the IEEE-1528 standard, and are complied with mechanical and electrical specifications in line with the requirements of IEEE. the table below provides details for the mechanical and electrical Specifications for the dipoles.
	The dipole is based on the IEEE-1528 standard, and is complied with mechanical and electrical specifications in line with the requirements of IEEE. The table below provides details for the mechanical and electrical specifications for the wave guide.

Frequency	L (mm)	h (mm)	d (mm)
750MHz	176	100	6.35
835MHz	161.0	89.8	3.6
1800MHz	71.6	41.7	3.6
1900MHz	68	39.5	3.6
2300MHz	55.5	32.6	3.6
2450MHz	51.5	30.4	3.6
2600MHz	48.5	28.8	3.6
5000MHz	20.6	40.3	3.6

6.2.2. System Check Result

System Performance Check at 750MHz&835MHz &1800MHz &1900MHz &2300MHz &2450MHz&2600MHz & 5200-5800MHz for Head							
Validation Kit: SN 2216 DIP 0G750-417& SN 1516 DIP 0G835-399& SN 4611 DIP 1G800-186& SN 2915 DIP 1G900-389& SN 2216 DIP 2G300-412& SN 2915 DIP 2G450-393& SN 2216 DIP 2G600-407& SN 1722 DIP 5G000-671							
Frequency [MHz]	Target Value(W/kg)		Reference Result (± 10%)		Tested Value(W/kg)		Test time
	1g	10g	1g	10g	1g	10g	
750	8.77	5.51	7.89-9.65	4.96-6.06	8.32	5.72	Jun. 26, 2025
835	9.67	6.29	8.70-10.64	5.66-6.92	9.10	6.24	Jun. 08, 2025
1800	36.11	19.04	32.50-39.72	17.14-20.94	34.28	17.67	Jun. 09, 2025
1900	39.83	20.59	35.85-43.81	18.53-22.65	36.06	19.30	Jun. 10, 2025
2300	48.73	23.33	43.86-53.60	21.00-25.66	50.19	25.33	Jun. 11, 2025
2450	53.5	25.0	48.15-58.85	22.50-27.50	54.55	24.70	Jun. 28, 2025
2600	55.22	25.01	49.70-60.74	22.51-27.51	55.31	24.54	Jun. 15, 2025
5200	77.74	22.60	69.97-85.51	20.34-24.86	77.90	22.00	Jun. 29, 2025
5200	77.74	22.60	69.97-85.51	20.34-24.86	70.50	23.20	Jun. 27, 2025
5800	75.01	21.84	67.51-82.51	19.66-24.02	80.60	22.90	Jun. 30, 2025

Note:
(1) We use a CW signal of 18dBm/10dBm for system check, and then all SAR value are normalized to 1W forward power. The result must be within ±10% of target value.

7. EUT TEST POSITION

This EUT was tested in **Body back, Body front and 4 edges.**

7.1. Body Worn Position

(1) To position the EUT parallel to the phantom surface.

(2) To adjust the EUT parallel to the flat phantom.

(3) To adjust the distance between the EUT surface and the flat phantom to **0mm.**

8. SAR EXPOSURE LIMITS

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

Type Exposure	Uncontrolled Environment Limit (W/kg)
Spatial Peak SAR (1g cube tissue for brain or body)	1.60
Spatial Average SAR (Whole body)	0.08
Spatial Peak SAR (Limbs)	4.0

9. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Designation Number	CN1259
FCC Test Firm Registration Number	975832
A2LA Cert. No.	5054.02
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA

10. TEST EQUIPMENT LIST

No.	Equipment description	Manufacturer/ Model	Identification No.	Software version	Current calibration date	Next calibration date
AGC-HE-A103	SAR Probe	MVG	2023-EPGO-414	N/A	2025-05-06	2026-05-05
AGC-HE-E016	Phantom	SATIMO	SN_4511_SAM90	N/A	Validated. No cal required.	Validated. No cal required.
AGC-HE-A071	Phantom	SATIMO	SN_2316_ELLI39	N/A	Validated. No cal required.	Validated. No cal required.
AGC-ER-E020	WIRELESS COMMUNICATION TEST SET	Agilent-8960	GB46200384	N/A	2025-05-21	2026-05-20
AGC-ER-E032	Wireless communication instrument	R&S- CMW500	121209	N/A	2025-05-16	2026-05-15
AGC-HE-A073	Multimeter	Keithley 2000	4114939	N/A	2025-05-16	2026-05-15
AGC-HE-S003	SAR Software	MVG-OpenSAR	N/A	V5.3.15.8	N/A	N/A
AGC-HE-A054	Dipole	SATIMO SID750	SN 2216 DIP 0G750-417	N/A-	2025-05-15	2028-05-14
AGC-HE-A056	Dipole	SATIMO SID835	SN 1516 DIP 0G835-399	N/A	2025-05-15	2028-05-14
AGC-HE-A016	Dipole	SATIMO SID1800	SN 4611 DIP 1G800-186	N/A	2025-05-12	2028-05-11
AGC-HE-A059	Dipole	SATIMO SID1900	SN 2915 DIP 1G900-389	N/A	2025-05-15	2028-05-14
AGC-HE-A063	Dipole	SATIMO SID2300	SN 2216 DIP 2G300-412	N/A	2025-05-16	2028-05-15
AGC-HE-A061	Dipole	SATIMO SID2450	SN 2915 DIP 2G450-393	N/A	2025-05-16	2028-05-15
AGC-HE-A062	Dipole	SATIMO SID2600	SN 2216 DIP 2G600-407	N/A	2025-05-16	2028-05-15
AGC-HE-A101	Dipole	SID5000	SN 1722 DIP 5G000-671	N/A	2025-05-16	2028-05-15
AGC-HE-E021	Signal Generator	Agilent-E4438C	US41461365	V5.03	2025-05-21	2026-05-20
AGC-EM-E061	EXA Signal Analyzer	Agilent / N9010A	MY53470504	N/A	2025-05-08	2026-05-07
AGC-HE-E004	Network Analyzer	Rhode & Schwarz ZVL6	101443	3.2	2024-07-24	2025-07-23
AGC-ER-A001	Attenuator	SMA-JK	N/A	N/A	2023-09-21	2025-09-20
AGC-EM-E019	Amplifier	AS0104-55_55	1004793	N/A	N/A	N/A
AGC-EM-E040	Directional Couple	Werlatone/ C5571-10	SN99463	N/A	2024-02-01	2026-01-31
AGC-EM-E041	Directional Couple	Werlatone/ C6026-10	SN99482	N/A	2024-02-01	2026-01-31
AGC-BQ-E016	Power Sensor	NRP-Z21	104604	N/A	2025-05-16	2026-05-15
AGC-HE-E023	Power Sensor	NRP-Z23	100323	N/A	2025-01-14	2026.01-13
AGC-HE-S004	Power Viewer	R&S	V2.3.1.0	N/A	N/A	N/A
AGC-HE-A001	Calibration standard parts for network sub - port	R&S/ ZV-Z132	100707	V2.3.1.0	2024-11-08	2025-11-07
AGC-HE-A002	Thermometer	DigiMate/TP677	3811930452	N/A	2025-05-24	2027-05-23

Note: Per KDB 865664 Dipole SAR Validation, AGC Lab has adopted 3 years calibration intervals. On annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:
1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss is within 20% of calibrated measurement;
4. Impedance is within 5Ω of calibrated measurement.

11. MEASUREMENT UNCERTAINTY

SATIMO Uncertainty- 2023-EPGO-414 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	7.000	N	1	1	1	7.000	7.000	∞
Axial Isotropy	E.2.2	0.105	R	1.732	0.707	0.707	0.043	0.043	∞
Hemispherical Isotropy	E.2.2	0.105	R	1.732	0.707	0.707	0.043	0.043	∞
Boundary effect	E.2.3	1.000	R	1.732	1	1	0.577	0.577	∞
Linearity	E.2.4	1.105	R	1.732	1	1	0.638	0.638	∞
System detection limits	E.2.4	1.000	R	1.732	1	1	0.577	0.577	∞
Modulation response	E2.5	3.000	R	1.732	1	1	1.732	1.732	∞
Readout Electronics	E.2.6	0.021	N	1	1	1	0.021	0.021	∞
Response Time	E.2.7	0.000	R	1.732	1	1	0.000	0.000	∞
Integration Time	E.2.8	1.400	R	1.732	1	1	0.808	0.808	∞
RF ambient conditions-Noise	E.6.1	3.000	R	1.732	1	1	1.732	1.732	∞
RF ambient conditions-reflections	E.6.1	3.000	R	1.732	1	1	1.732	1.732	∞
Probe positioner mechanical tolerance	E.6.2	1.400	R	1.732	1	1	0.808	0.808	∞
Probe positioning with respect to phantom shell	E.6.3	1.400	R	1.732	1	1	0.808	0.808	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.300	R	1.732	1	1	1.328	1.328	∞
Test sample Related									
Test sample positioning	E.4.2	2.6	N	1	1	1	2.60	2.60	∞
Device holder uncertainty	E.4.1	3	N	1	1	1	3.00	3.00	∞
Output power variation—SAR drift measurement	E.2.9	5	R	1.732	1	1	2.89	2.89	∞
SAR scaling	E.6.5	5	R	1.732	1	1	2.89	2.89	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	4	R	1.732	1	1	2.309	2.309	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.9	N	1	1	0.84	1.900	1.596	∞
Liquid conductivity measurement	E.3.3	4	N	1	0.78	0.71	3.120	2.840	M
Liquid permittivity measurement	E.3.3	5	N	1	0.23	0.26	1.150	1.300	M
Liquid conductivity—temperature uncertainty	E.3.4	2.5	R	1.732	0.78	0.71	1.126	1.025	∞
Liquid permittivity—temperature uncertainty	E.3.4	2.5	R	1.732	0.23	0.26	0.332	0.375	∞
Combined Standard Uncertainty			RSS				10.533	10.348	
Expanded Uncertainty (95% Confidence interval)			K=2				21.065	20.695	

SATIMO Uncertainty- 2023-EPGO-414 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	7.000	N	1	1	1	7.000	7.000	∞
Axial Isotropy	E.2.2	0.105	R	1.732	1.000	1.000	0.061	0.061	∞
Hemispherical Isotropy	E.2.2	0.105	R	1.732	0.000	0.000	0.000	0.000	∞
Boundary effect	E.2.3	1.000	R	1.732	1.000	1.000	0.577	0.577	∞
Linearity	E.2.4	1.105	R	1.732	1.000	1.000	0.638	0.638	∞
System detection limits	E.2.4	1.000	R	1.732	1.000	1.000	0.577	0.577	∞
Modulation response	E2.5	3.000	R	1.732	0.000	0.000	0.000	0.000	∞
Readout Electronics	E.2.6	0.021	N	1.000	1.000	1.000	0.021	0.021	∞
Response Time	E.2.7	0.000	R	1.732	0.000	0.000	0.000	0.000	∞
Integration Time	E.2.8	1.400	R	1.732	0.000	0.000	0.000	0.000	∞
RF ambient conditions-Noise	E.6.1	3.000	R	1.732	1.000	1.000	1.732	1.732	∞
RF ambient conditions-reflections	E.6.1	3.000	R	1.732	1.000	1.000	1.732	1.732	∞
Probe positioner mechanical tolerance	E.6.2	1.400	R	1.732	1.000	1.000	0.808	0.808	∞
Probe positioning with respect to phantom shell	E.6.3	1.400	R	1.732	1.000	1.000	0.808	0.808	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.300	R	1.732	1.000	1.000	1.328	1.328	∞
System validation source									
Deviation of experimental dipole from numerical dipole	E.6.4	5	N	1	1	1	5	5	∞
Input power and SAR drift measurement	8,6.6.4	5	R	1.732	1	1	2.887	2.887	∞
Dipole axis to liquid distance	8,E.6.6	2	R	1.732	1	1	1.155	1.155	∞
Phantom and set-up									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	4	R	1.732	1	1	2.309	2.309	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.9	N	1	1	0.84	1.9	1.596	∞
Liquid conductivity（temperature uncertainty）	E.3.3	4	N	1	0.78	0.71	3.12	2.84	∞
Liquid conductivity（measured）	E.3.3	5	N	1	0.23	0.26	1.15	1.3	M
Liquid permittivity（temperature uncertainty）	E.3.4	2.5	R	1.732	0.78	0.71	1.126	1.025	∞
Liquid permittivity（measured）	E.3.4	2.5	R	1.732	0.23	0.26	0.332	0.375	M
Combined Standard Uncertainty			RSS				10.466	10.279	
Expanded Uncertainty (95% Confidence interval)			K=2				20.931	20.559	

SATIMO Uncertainty- 2023-EPGO-414 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	0.500	N	1	1	1	0.5	0.5	∞
Axial Isotropy	E.2.2	0.105	R	1.732	0	0	0	0	∞
Hemispherical Isotropy	E.2.2	0.105	R	1.732	0	0	0	0	∞
Boundary effect	E.2.3	1.000	R	1.732	0	0	0	0	∞
Linearity	E.2.4	1.105	R	1.732	0	0	0	0	∞
System detection limits	E.2.4	1	R	1.732	0	0	0	0	∞
Modulation response	E2.5	3	R	1.732	0	0	0	0	∞
Readout Electronics	E.2.6	0.021	N	1	0	0	0	0	∞
Response Time	E.2.7	0	R	1.732	0	0	0	0	∞
Integration Time	E.2.8	1.4	R	1.732	0	0	0	0	∞
RF ambient conditions-Noise	E.6.1	3	R	1.732	0	0	0	0	∞
RF ambient conditions-reflections	E.6.1	3	R	1.732	0	0	0	0	∞
Probe positioner mechanical tolerance	E.6.2	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe positioning with respect to phantom shell	E.6.3	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation	E.5	2.3	R	$\sqrt{3}$	0	0	0	0.00	∞
System check source (dipole)									
Deviation of experimental dipoles	E.6.4	2	N	1	1	1	2	2	∞
Input power and SAR drift measurement	8,6.6.4	5	R	$\sqrt{3}$	1	1	2.89	2.89	∞
Dipole axis to liquid distance	8,E.6.6	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Phantom and tissue parameters									
Phantom shell uncertainty—shape, thickness, and permittivity	E.3.1	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	1.9	N	1.000	1	0.84	1.90	1.60	∞
Liquid conductivity measurement	E.3.3	4	N	1.000	0.78	0.71	3.12	2.84	∞
Liquid permittivity measurement	E.3.3	5	N	1.000	0.23	0.26	1.15	1.30	M
Liquid conductivity—temperature uncertainty	E.3.4	2.5	R	$\sqrt{3}$	0.78	0.71	1.13	1.02	∞
Liquid permittivity—temperature uncertainty	E.3.4	2.5	R	$\sqrt{3}$	0.23	0.26	0.33	0.38	M
Combined Standard Uncertainty			RSS				5.562	5.203	
Expanded Uncertainty (95% Confidence interval)			K=2				11.124	10.406	

12. CONDUCTED POWER MEASUREMENT

LTE Band

LTE (TDD) Considerations

For Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.

LTE TDD Band 38, 40, 41 supports 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Table 4.2-2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Calculated Duty Cycle

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle(%)
		0	1	2	3	4	5	6	7	8	9	
0	5ms	D	S	U	U	U	D	S	U	U	U	63.33
1	5ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5ms	D	S	U	U	U	D	S	U	U	D	53.33

Note： Calculated Duty Cycle = Extended cyclic prefix in uplink x (Ts) x # of S + # of U
Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:
Calculated Duty Cycle = 5120 x [1/(15000 x 2048)] x 2 + 6 ms = 63.33%
where
Ts = 1/(15000 x 2048) seconds

LTE Band

Conducted Power of LTE Band 2(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18607	**18900**	**19193**
1.4MHz	QPSK	1	0	0	22.85	22.74	22.82
			3	0	22.96	22.92	22.98
			5	0	22.85	22.75	22.87
		3	0	0	22.93	22.86	22.89
			2	0	22.89	22.84	22.93
			3	0	22.90	22.83	22.97
		6	0	1	21.85	21.79	21.86
	16QAM	1	0	1	21.86	21.91	21.91
			3	1	21.92	22.05	22.07
			5	1	21.88	21.94	21.88
		3	0	1	22.10	21.83	22.01
			2	1	22.11	21.85	22.00
			3	1	22.11	21.86	22.01
		6	0	2	20.93	20.84	20.90
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18615	**18900**	**19185**
3MHz	QPSK	1	0	0	22.88	22.82	22.90
			7	0	22.87	22.80	22.95
			14	0	22.89	22.72	22.90
		8	0	1	21.88	21.81	21.90
			4	1	21.88	21.81	21.92
			7	1	21.85	21.79	21.91
		15	0	1	21.88	21.85	21.95
	16QAM	1	0	1	22.03	22.44	22.09
			7	1	21.97	22.45	22.07
			14	1	21.88	22.40	22.07
		8	0	2	21.02	21.05	20.97
			4	2	21.00	21.05	20.95
			7	2	20.98	21.05	20.96
		15	0	2	21.00	20.96	20.93

Conducted Power of LTE Band 2(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 18625	Channel 18900	Channel 19175
5MHz	QPSK	1	0	0	22.81	22.70	22.82
			13	0	22.97	22.88	22.96
			24	0	22.82	22.73	22.82
		12	0	1	21.85	21.84	21.93
			6	1	21.90	21.85	21.92
			13	1	21.89	21.79	21.98
		25	0	1	21.92	21.84	21.96
	16QAM	1	0	1	22.12	21.84	21.75
			13	1	22.26	21.97	21.91
			24	1	22.10	21.83	21.78
		12	0	2	20.95	20.88	20.97
			6	2	20.97	20.85	20.96
			13	2	20.98	20.82	20.99
		25	0	2	20.94	20.95	21.07
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 18650	Channel 18900	Channel 19150
10MHz	QPSK	1	0	0	22.91	22.82	22.96
			25	0	22.97	22.96	23.08
			49	0	22.81	22.79	22.90
		25	0	1	21.91	22.02	22.09
			13	1	21.93	22.00	22.09
			25	1	21.97	21.88	22.04
		50	0	1	21.96	21.94	22.07
	16QAM	1	0	1	21.95	22.44	22.09
			25	1	22.07	22.57	22.23
			49	1	21.85	22.46	22.07
		25	0	2	21.09	21.11	21.19
			13	2	21.10	21.10	21.19
			25	2	21.10	21.02	21.15
		50	0	2	22.97	21.01	21.16

Conducted Power of LTE Band 2(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 18675	Channel 18900	Channel 19125
15MHz	QPSK	1	0	0	22.77	22.73	22.81
			38	0	22.83	22.85	22.95
			74	0	22.69	22.78	22.83
		36	0	1	21.89	21.90	21.98
			18	1	21.91	21.91	21.97
			39	1	21.88	21.93	21.95
		75	0	1	21.92	21.92	21.95
	16QAM	1	0	1	22.46	21.90	22.22
			38	1	22.47	22.01	22.37
			74	1	22.36	21.88	22.28
		36	0	2	20.94	20.95	21.01
			18	2	20.96	20.96	21.01
			39	2	20.94	20.97	21.00
		75	0	2	20.91	20.94	21.02
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 18700	Channel 18900	Channel 19100
20MHz	QPSK	1	0	0	22.67	22.62	22.65
			50	0	22.95	**23.10**	23.07
			99	0	22.50	22.64	22.71
		50	0	1	21.77	22.00	21.82
			25	1	21.78	22.03	21.82
			50	1	21.87	21.90	21.80
		100	0	1	21.83	21.99	21.85
	16QAM	1	0	1	22.26	21.95	21.89
			50	1	22.60	22.39	22.35
			99	1	22.07	21.95	21.95
		50	0	2	20.83	21.05	20.87
			25	2	20.84	21.05	20.92
			50	2	20.94	20.94	20.87
		100	0	2	20.92	21.07	20.90

Conducted Power of LTE Band 4(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					19957	**20175**	**20393**
1.4MHz	QPSK	1	0	0	22.59	22.28	22.22
			3	0	22.73	22.53	22.39
			5	0	22.53	22.35	22.21
		3	0	0	22.67	22.45	22.34
			2	0	**22.74**	22.44	22.34
			3	0	22.67	22.48	22.33
		6	0	1	21.59	21.36	21.29
	16QAM	1	0	1	21.76	21.42	21.27
			3	1	21.92	21.56	21.44
			5	1	21.73	21.43	21.29
		3	0	1	21.67	21.57	21.52
			2	1	21.68	21.57	21.51
			3	1	21.73	21.54	21.52
		6	0	2	20.69	20.40	20.36
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					19965	**20175**	**20385**
3MHz	QPSK	1	0	0	22.61	22.40	22.26
			7	0	22.62	22.44	22.33
			14	0	22.54	22.35	22.23
		8	0	1	21.62	21.42	21.31
			4	1	21.61	21.41	21.33
			7	1	21.58	21.40	21.29
		15	0	1	21.64	21.43	21.33
	16QAM	1	0	1	22.27	21.58	21.35
			7	1	22.26	21.60	21.36
			14	1	22.23	21.54	21.34
		8	0	2	20.83	20.46	20.43
			4	2	20.83	20.46	20.44
			7	2	20.84	20.46	20.43
		15	0	2	20.76	20.44	20.41

Conducted Power of LTE Band 4(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 19975	Channel 20175	Channel 20375
5MHz	QPSK	1	0	0	22.54	22.31	22.24
			13	0	22.68	22.42	22.39
			24	0	22.44	22.24	22.21
		12	0	1	21.59	21.37	21.32
			6	1	21.58	21.36	21.32
			13	1	21.60	21.38	21.28
		25	0	1	21.61	21.37	21.33
	16QAM	1	0	1	21.87	21.44	21.12
			13	1	21.99	21.56	21.28
			24	1	21.86	21.35	21.10
		12	0	2	20.66	20.40	20.35
			6	2	20.68	20.41	20.36
			13	2	20.69	20.41	20.37
		25	0	2	20.69	20.49	20.41
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 20000	Channel 20175	Channel 20350
10MHz	QPSK	1	0	0	22.55	22.41	22.30
			25	0	22.68	22.54	22.41
			49	0	22.48	22.37	22.24
		25	0	1	21.59	21.44	21.40
			13	1	21.62	21.47	21.34
			25	1	21.65	21.48	21.35
		50	0	1	21.66	21.48	21.39
	16QAM	1	0	1	22.24	21.66	21.32
			25	1	22.35	21.72	21.45
			49	1	22.20	21.54	21.35
		25	0	2	20.78	20.57	20.54
			13	2	20.76	20.56	20.51
			25	2	20.78	20.57	20.48
		50	0	2	22.68	20.56	20.45

Conducted Power of LTE Band 4(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 20025	Channel 20175	Channel 20325
15MHz	QPSK	1	0	0	22.53	22.36	22.20
			38	0	22.57	22.42	22.29
			74	0	22.42	22.28	22.18
		36	0	1	21.60	21.43	21.39
			18	1	21.60	21.42	21.35
			39	1	21.59	21.46	21.34
		75	0	1	21.60	21.44	21.40
	16QAM	1	0	1	21.71	21.85	21.88
			38	1	21.78	21.85	22.00
			74	1	21.59	21.73	21.88
		36	0	2	20.68	20.47	20.42
			18	2	20.67	20.45	20.44
			39	2	20.66	20.45	20.41
		75	0	2	20.66	20.46	20.39
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 20050	Channel 20175	Channel 20300
20MHz	QPSK	1	0	0	22.30	22.22	22.11
			50	0	22.65	22.56	22.51
			99	0	22.14	22.08	22.10
		50	0	1	21.58	21.44	21.36
			25	1	21.60	21.47	21.33
			50	1	21.57	21.43	21.31
		100	0	1	21.60	21.44	21.35
	16QAM	1	0	1	21.93	21.60	21.37
			50	1	22.28	21.98	21.74
			99	1	21.76	21.44	21.32
		50	0	2	20.66	20.52	20.40
			25	2	20.68	20.51	20.40
			50	2	20.62	20.50	20.38
		100	0	2	20.63	20.52	20.42

Conducted Power of LTE Band 5(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20407	20525	20643
1.4MHz	QPSK	1	0	0	23.83	23.82	23.69
			3	0	**24.03**	24.00	23.87
			5	0	23.86	23.80	23.72
		3	0	0	23.96	23.91	23.78
			2	0	23.95	23.95	23.83
			3	0	23.95	23.91	23.88
		6	0	1	22.93	22.90	22.84
	16QAM	1	0	1	22.83	22.92	22.69
			3	1	23.06	23.14	22.93
			5	1	22.89	22.95	22.75
		3	0	1	23.08	22.90	22.87
			2	1	23.06	22.89	22.86
			3	1	23.09	22.90	22.98
		6	0	2	21.91	21.94	21.76
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20415	20525	20635
3MHz	QPSK	1	0	0	23.82	23.80	23.75
			7	0	23.84	23.80	23.73
			14	0	23.78	23.73	23.70
		8	0	1	22.86	22.80	22.78
			4	1	22.84	22.80	22.75
			7	1	22.80	22.80	22.72
		15	0	1	22.80	22.82	22.74
	16QAM	1	0	1	22.80	23.36	22.87
			7	1	22.86	23.33	22.86
			14	1	22.77	23.28	22.86
		8	0	2	21.89	21.98	21.75
			4	2	21.89	21.99	21.75
			7	2	21.87	21.98	21.69
		15	0	2	21.85	21.85	21.65

Conducted Power of LTE Band 5(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 20425	Channel 20525	Channel 20625
5MHz	QPSK	1	0	0	23.68	23.68	23.69
			13	0	23.83	23.81	23.80
			24	0	23.73	23.67	23.63
		12	0	1	22.82	22.77	22.76
			6	1	22.84	22.82	22.76
			13	1	22.87	22.81	22.60
		25	0	1	22.83	22.78	22.65
	16QAM	1	0	1	22.78	22.61	22.99
			13	1	22.91	22.75	23.03
			24	1	22.81	22.56	22.90
		12	0	2	21.82	21.77	21.77
			6	2	21.80	21.76	21.76
			13	2	21.82	21.75	21.58
		25	0	2	21.87	21.83	21.66
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 20450	Channel 20525	Channel 20600
10MHz	QPSK	1	0	0	23.77	23.85	23.77
			25	0	23.95	23.93	23.89
			49	0	23.74	23.76	23.73
		25	0	1	22.88	22.80	22.80
			13	1	22.89	22.79	22.80
			25	1	22.89	22.81	22.63
		50	0	1	22.91	22.84	22.71
	16QAM	1	0	1	23.32	22.93	22.75
			25	1	23.56	23.03	22.98
			49	1	23.38	22.87	22.77
		25	0	2	21.91	21.86	21.90
			13	2	21.94	21.83	21.91
			25	2	21.97	21.87	21.72
		50	0	2	23.95	21.82	21.73

Conducted Power of LTE Band 7 (dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20775	**21100**	**21425**
5MHz	QPSK	1	0	0	22.07	22.11	22.19
			12	0	22.21	22.19	22.34
			24	0	22.08	22.08	22.19
		12	0	1	21.18	21.23	21.27
			6	1	21.17	21.23	21.25
			13	1	21.17	21.17	21.28
		25	0	1	21.18	21.27	21.28
	16QAM	1	0	1	21.37	21.22	21.11
			12	1	21.51	21.31	21.24
			24	1	21.39	21.26	21.09
		12	0	2	20.19	20.21	20.29
			6	2	20.21	20.23	20.29
			13	2	20.20	20.19	20.27
		25	0	2	20.21	20.26	20.40
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20800	**21100**	**21400**
10MHz	QPSK	1	0	0	22.06	22.20	22.23
			24	0	22.28	22.39	22.49
			49	0	22.06	22.18	22.25
		25	0	1	21.22	21.31	21.35
			12	1	21.19	21.32	21.37
			25	1	21.27	21.24	21.32
		50	0	1	21.20	21.29	21.36
	16QAM	1	0	1	21.66	21.36	21.30
			24	1	21.94	21.56	21.47
			49	1	21.68	21.30	21.25
		25	0	2	20.27	20.38	20.51
			12	2	20.26	20.37	20.51
			25	2	20.36	20.30	20.45
		50	0	2	20.25	20.36	20.42

Conducted Power of LTE Band 7 (dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20825	**21100**	**21375**
15MHz	QPSK	1	0	0	22.09	22.12	22.21
			37	0	22.17	22.25	22.32
			74	0	22.08	22.12	22.14
		37	0	1	21.24	21.29	21.36
			16	1	21.24	21.28	21.34
			35	1	21.25	21.27	21.33
		75	0	1	21.24	21.28	21.32
	16QAM	1	0	1	21.24	21.60	21.84
			37	1	21.32	21.68	21.96
			74	1	21.24	21.59	21.82
		37	0	2	20.25	20.28	20.37
			16	2	20.26	20.28	20.39
			35	2	20.23	20.29	20.38
		75	0	2	20.28	20.26	20.35
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20850	**21100**	**21350**
20MHz	QPSK	1	0	0	21.92	22.01	22.12
			49	0	22.35	22.42	**22.52**
			99	0	21.90	21.97	22.08
		50	0	1	21.14	21.38	21.37
			25	1	21.15	21.37	21.34
			49	1	21.27	21.19	21.24
		100	0	1	21.21	21.29	21.30
	16QAM	1	0	1	21.54	21.36	21.34
			49	1	21.89	21.76	21.73
			99	1	21.54	21.35	21.33
		50	0	2	20.15	20.37	20.39
			25	2	20.18	20.41	20.35
			49	2	20.31	20.21	20.28
		100	0	2	22.35	20.38	20.36

Conducted Power of LTE Band 12(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23017	23095	23173
1.4MHz	QPSK	1	0	0	23.64	23.66	23.64
			3	0	23.82	23.83	23.82
			5	0	23.62	23.58	23.63
		3	0	0	23.84	23.76	23.71
			2	0	23.84	23.75	23.73
			3	0	23.80	23.69	23.72
		6	0	1	22.73	22.68	22.72
	16QAM	1	0	1	22.72	22.71	22.76
			3	1	22.86	22.84	22.94
			5	1	22.73	22.69	22.78
		3	0	1	22.98	22.92	22.76
			2	1	22.96	22.98	22.76
			3	1	22.96	23.00	22.80
		6	0	2	21.69	21.76	21.76
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23025	23095	23165
3MHz	QPSK	1	0	0	23.74	23.70	23.67
			7	0	23.73	23.68	23.60
			14	0	23.70	23.60	23.64
		8	0	1	22.73	22.72	22.75
			4	1	22.73	22.74	22.74
			7	1	22.73	22.70	22.72
		15	0	1	22.71	22.72	22.72
	16QAM	1	0	1	22.91	22.81	23.34
			7	1	22.87	22.79	23.27
			14	1	22.89	22.70	23.21
		8	0	2	21.72	21.82	21.96
			4	2	21.75	21.83	21.93
			7	2	21.73	21.79	21.94
		15	0	2	21.73	21.78	21.78

Conducted Power of LTE Band 12(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23035	23095	23155
5MHz	QPSK	1	0	0	23.63	23.62	23.54
			13	0	23.71	23.69	23.71
			24	0	23.65	23.59	23.60
		12	0	1	22.69	22.80	22.77
			6	1	22.70	22.78	22.76
			13	1	22.75	22.79	22.61
		25	0	1	22.71	22.75	22.70
	16QAM	1	0	1	22.58	23.02	22.73
			13	1	22.70	23.10	22.82
			24	1	22.58	22.96	22.70
		12	0	2	21.67	21.82	21.72
			6	2	21.72	21.81	21.79
			13	2	21.74	21.83	21.59
		25	0	2	21.79	21.78	21.79
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23060	23095	23130
10MHz	QPSK	1	0	0	23.58	23.71	23.65
			25	0	23.84	**23.84**	23.79
			49	0	23.61	23.66	23.67
		25	0	1	22.83	22.87	22.68
			13	1	22.83	22.86	22.70
			25	1	22.81	22.89	22.56
		50	0	1	22.80	22.82	22.63
	16QAM	1	0	1	23.34	22.87	22.73
			25	1	23.52	23.00	22.80
			49	1	23.34	22.86	22.74
		25	0	2	21.85	21.93	21.80
			13	2	21.91	21.92	21.81
			25	2	21.84	21.98	21.71
		50	0	2	23.84	21.91	21.71

Conducted Power of LTE Band 13(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23205	23230	23255
5MHz	QPSK	1	0	0	22.58	22.57	22.55
			13	0	22.75	22.65	22.75
			24	0	22.54	22.53	22.61
		12	0	1	21.78	21.53	21.61
			6	1	21.78	21.51	21.60
			13	1	21.92	21.77	21.54
		25	0	1	21.81	21.64	21.59
	16QAM	1	0	1	21.72	21.59	21.89
			13	1	21.86	21.63	22.02
			24	1	21.73	21.52	21.93
		12	0	2	20.80	20.54	20.64
			6	2	20.77	20.51	20.63
			13	2	20.83	20.80	20.57
		25	0	2	20.86	20.75	20.63
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel		
					23230		
10MHz	QPSK	1	0	0	22.61		
			25	0	**22.75**		
			49	0	22.68		
		25	0	1	21.61		
			13	1	21.62		
			25	1	21.70		
		50	0	1	21.68		
	16QAM	1	0	1	21.86		
			25	1	21.96		
			49	1	21.88		
		25	0	2	20.69		
			13	2	20.69		
			25	2	20.77		
		50	0	2	20.73		

Conducted Power of LTE Band 14(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 23305	Channel 23330	Channel 23355
5MHz	QPSK	1	0	0	22.73	22.71	22.72
			13	0	22.83	22.79	22.76
			24	0	22.66	22.70	22.72
		3	0	1	21.87	21.81	21.69
			6	1	21.85	21.73	21.68
			13	1	21.89	21.92	21.84
		6	0	1	21.93	21.85	21.75
	16QAM	1	0	1	21.85	21.64	22.05
			13	1	21.96	21.74	22.09
			24	1	21.83	21.62	22.03
		3	0	2	20.89	20.77	20.76
			6	2	20.87	20.77	20.75
			13	2	20.88	20.97	20.83
		6	0	2	20.97	20.93	20.81

Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 23330
10MHz	QPSK	1	0	0	22.83
			25	0	**23.00**
			49	0	22.76
		8	0	1	21.85
			13	1	21.88
			25	1	22.09
		15	0	1	22.04
	16QAM	1	0	1	22.00
			25	1	22.15
			49	1	21.96
		8	0	2	20.97
			13	2	20.93
			25	2	21.17
		15	0	2	21.03

Conducted Power of LTE Band 17(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					23755	**23790**	**23825**
5MHz	QPSK	1	0	0	23.05	23.10	23.06
			13	0	**23.29**	23.25	23.23
			24	0	23.11	23.05	23.09
		12	0	1	22.18	22.17	22.24
			6	1	22.25	22.17	22.30
			13	1	22.27	22.29	22.08
		25	0	1	22.34	22.20	22.19
	16QAM	1	0	1	22.19	22.00	22.42
			13	1	22.37	22.18	22.54
			24	1	22.22	21.96	22.45
		12	0	2	21.25	21.12	21.30
			6	2	21.22	21.13	21.30
			13	2	21.28	21.22	21.16
		25	0	2	21.28	21.29	21.27
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					23780	**23790**	**23800**
10MHz	QPSK	1	0	0	23.11	23.13	23.12
			25	0	23.27	23.29	23.26
			49	0	23.09	23.16	23.16
		25	0	1	22.25	22.16	22.14
			13	1	22.26	22.17	22.15
			25	1	22.21	22.12	22.02
		50	0	1	22.25	22.12	22.13
	16QAM	1	0	1	22.76	22.29	22.22
			25	1	22.94	22.52	22.35
			49	1	22.78	22.32	22.23
		25	0	2	21.40	21.23	21.26
			13	2	21.35	21.24	21.32
			25	2	21.34	21.20	21.13
		50	0	2	21.31	21.19	21.16

Conducted Power of LTE Band 25(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26047	26365	26683
1.4MHz	QPSK	1	0	0	22.53	22.43	22.48
			2	0	22.65	22.58	22.63
			5	0	22.54	22.47	22.48
		3	0	0	22.55	22.53	22.55
			1	0	22.62	22.53	22.55
			3	0	22.58	22.54	22.59
		6	0	1	21.54	21.46	21.48
	16QAM	1	0	1	21.58	21.55	21.53
			2	1	21.67	21.79	21.65
			5	1	21.54	21.59	21.55
		3	0	1	21.77	21.51	21.64
			1	1	21.77	21.49	21.62
			3	1	21.79	21.52	21.65
		6	0	2	20.59	20.55	20.50
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26055	26365	26675
3MHz	QPSK	1	0	0	22.48	22.50	22.58
			8	0	22.44	22.45	22.53
			14	0	22.44	22.50	22.50
		8	0	1	21.48	21.49	21.53
			4	1	21.49	21.46	21.55
			7	1	21.42	21.42	21.50
		15	0	1	21.48	21.45	21.50
	16QAM	1	0	1	22.10	21.59	21.56
			8	1	22.09	21.62	21.56
			14	1	22.06	21.59	21.52
		8	0	2	20.71	20.52	20.63
			4	2	20.73	20.52	20.65
			7	2	20.67	20.45	20.58
		15	0	2	20.61	20.47	20.58

Conducted Power of LTE Band 25(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26065	26365	26665
5MHz	QPSK	1	0	0	22.46	22.40	22.45
			12	0	22.54	22.50	22.54
			24	0	22.39	22.41	22.42
		12	0	1	21.47	21.47	21.49
			6	1	21.49	21.51	21.49
			13	1	21.51	21.49	21.41
		25	0	1	21.48	21.51	21.45
	16QAM	1	0	1	21.40	21.75	21.52
			12	1	21.46	21.86	21.65
			24	1	21.33	21.72	21.53
		12	0	2	20.56	20.54	20.54
			6	2	20.54	20.53	20.53
			13	2	20.54	20.53	20.43
		25	0	2	20.63	20.55	20.54
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26090	26365	26640
10MHz	QPSK	1	0	0	22.51	22.48	22.48
			24	0	22.63	22.67	22.67
			49	0	22.47	22.45	22.44
		25	0	1	21.51	21.57	21.52
			12	1	21.52	21.61	21.48
			25	1	21.54	21.52	21.46
		50	0	1	21.55	21.60	21.51
	16QAM	1	0	1	21.67	21.49	22.10
			24	1	21.82	21.69	22.24
			49	1	21.61	21.45	22.04
		25	0	2	20.61	20.71	20.60
			12	2	20.58	20.73	20.62
			25	2	20.70	20.69	20.61
		50	0	2	22.63	20.66	20.57

Conducted Power of LTE Band 25(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26115	26365	26615
15MHz	QPSK	1	0	0	22.46	22.42	22.38
			38	0	22.55	22.48	22.52
			74	0	22.38	22.42	22.43
		38	0	1	21.52	21.55	21.61
			18	1	21.48	21.52	21.62
			37	1	21.52	21.53	21.61
		75	0	1	21.52	21.54	21.61
	16QAM	1	0	1	21.64	21.85	21.98
			38	1	21.67	21.96	22.11
			74	1	21.58	21.87	21.98
		38	0	2	20.55	20.57	20.67
			18	2	20.54	20.58	20.66
			37	2	20.59	20.58	20.65
		75	0	2	20.57	20.57	20.65
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					26140	26365	26590
20MHz	QPSK	1	0	0	22.30	22.25	22.25
			49	0	22.67	22.62	**22.70**
			99	0	22.20	22.23	22.29
		50	0	1	21.35	21.61	21.73
			25	1	21.37	21.64	21.74
			49	1	21.49	21.64	21.65
		100	0	1	21.44	21.62	21.70
	16QAM	1	0	1	21.53	21.83	21.59
			49	1	21.86	22.21	22.00
			99	1	21.46	21.81	21.64
		50	0	2	20.41	20.74	20.75
			25	2	20.49	20.72	20.82
			49	2	20.54	20.69	20.68
		100	0	2	20.49	20.70	20.77

Conducted Power of LTE Band 38 (dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 37775	Channel 38000	Channel 38225
5MHz	QPSK	1	0	0	22.45	22.46	22.45
			12	0	22.52	22.55	22.57
			24	0	22.45	22.47	22.47
		12	0	1	21.53	21.55	21.52
			6	1	21.53	21.60	21.53
			13	1	21.51	21.50	21.55
		25	0	1	21.53	21.58	21.55
	16QAM	1	0	1	21.77	21.80	21.79
			12	1	21.86	21.89	21.88
			24	1	21.75	21.78	21.80
		12	0	2	20.56	20.62	20.58
			6	2	20.63	20.64	20.61
			13	2	20.56	20.56	20.59
		25	0	2	20.57	20.58	20.60
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 37800	Channel 38000	Channel 38200
10MHz	QPSK	1	0	0	22.52	22.51	22.52
			24	0	22.76	22.59	22.69
			49	0	22.53	22.48	22.48
		25	0	1	21.70	21.69	21.71
			12	1	21.70	21.69	21.70
			25	1	21.69	21.68	21.66
		50	0	1	21.66	21.70	21.70
	16QAM	1	0	1	22.13	22.11	22.11
			24	1	22.33	22.32	22.32
			49	1	22.13	22.10	22.13
		25	0	2	20.81	20.80	20.81
			12	2	20.82	20.83	20.80
			25	2	20.77	20.80	20.78
		50	0	2	20.78	20.76	20.77

Conducted Power of LTE Band 38 (dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					37825	**38000**	**38175**
15MHz	QPSK	1	0	0	22.42	22.44	22.45
			38	0	22.55	22.51	22.57
			74	0	22.45	22.46	22.47
		37	0	1	21.62	21.67	21.65
			18	1	21.65	21.67	21.67
			37	1	21.64	21.68	21.67
		75	0	1	21.64	21.68	21.66
	16QAM	1	0	1	21.86	21.88	21.92
			38	1	21.99	21.96	22.02
			74	1	21.89	21.91	21.88
		37	0	2	20.66	20.67	20.66
			18	2	20.68	20.66	20.67
			37	2	20.67	20.70	20.69
		75	0	2	20.67	20.67	20.68
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					37850	**38000**	**38150**
20MHz	QPSK	1	0	0	22.33	22.33	22.32
			49	0	22.77	22.77	**22.79**
			99	0	22.39	22.38	22.37
		50	0	1	21.84	21.83	21.84
			25	1	21.82	21.82	21.85
			49	1	21.74	21.73	21.73
		100	0	1	21.80	21.79	21.79
	16QAM	1	0	1	21.92	21.90	21.92
			49	1	22.33	22.30	22.37
			99	1	21.90	21.92	21.90
		50	0	2	20.95	20.89	20.93
			25	2	20.93	20.89	20.92
			49	2	20.82	20.78	20.78
		100	0	2	22.77	20.86	20.86

Avg. Output Power of LTE Band 40(dBm) -Lower Side						
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Channel**	**Channel**	**Channel**
				38725	**38750**	**38775**
5MHz	QPSK	1	0	22.74	22.70	22.72
			12	22.86	22.81	22.86
			24	22.71	22.67	22.78
		12	0	22.73	21.75	21.76
			6	22.54	21.78	21.77
			13	21.11	21.74	21.67
		25	0	22.58	21.74	21.74
	16QAM	1	0	21.76	21.76	21.93
			12	21.88	21.92	21.96
			24	21.72	21.73	21.80
		12	0	20.77	20.75	20.74
			6	20.77	20.74	20.75
			13	20.75	20.73	20.75
		25	0	20.81	20.76	20.74
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Channel**		
				38750		
10MHz	QPSK	1	0	22.85		
			24	**23.06**		
			49	22.80		
		25	0	21.73		
			12	21.72		
			25	21.68		
		50	0	21.70		
	16QAM	1	0	21.78		
			24	22.00		
			49	21.77		
		25	0	20.73		
			12	20.74		
			25	20.73		
		50	0	20.71		

Avg. Output Power of LTE Band 40(dBm) -Upper Side						
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Channel**	**Channel**	**Channel**
				39175	**39200**	**39225**
5MHz	QPSK	1	0	22.42	22.49	22.46
			12	22.56	22.60	22.58
			24	22.32	22.44	22.43
		12	0	21.44	21.43	21.45
			6	21.43	21.42	21.44
			13	21.46	21.46	21.47
		25	0	21.46	21.48	21.46
	16QAM	1	0	21.71	21.59	21.56
			12	21.58	21.82	21.72
			24	21.44	21.53	21.45
		12	0	20.40	20.42	20.49
			6	20.42	20.43	20.46
			13	20.46	20.45	20.50
		25	0	20.51	20.49	20.55
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Channel**		
				39200		
10MHz	QPSK	1	0	22.54		
			24	**22.78**		
			49	22.65		
		25	0	21.46		
			12	21.45		
			25	21.48		
		50	0	21.46		
	16QAM	1	0	21.52		
			24	21.73		
			49	21.54		
		25	0	20.46		
			12	20.48		
			25	20.54		
		50	0	20.53		

Conducted Power of LTE Band 41(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 39675	Channel 40620	Channel 41565
5MHz	QPSK	1	0	0	20.45	20.06	20.84
			12	0	20.59	20.20	20.93
			24	0	20.49	20.07	20.81
		12	0	1	20.49	20.08	20.84
			6	1	20.49	20.07	20.84
			13	1	20.55	20.13	20.82
		25	0	1	20.52	20.14	20.87
	16QAM	1	0	1	20.59	20.07	21.03
			12	1	20.62	20.20	21.11
			24	1	20.52	20.08	20.98
		12	0	2	20.54	20.08	20.80
			6	2	20.52	20.13	20.85
			13	2	20.62	20.07	20.86
		25	0	2	20.51	20.11	20.81
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 39700	Channel 40620	Channel 41540
10MHz	QPSK	1	0	0	20.54	20.20	20.98
			24	0	20.85	20.46	21.19
			49	0	20.59	20.21	20.90
		25	0	1	20.57	20.22	20.94
			12	1	20.59	20.22	20.94
			25	1	20.64	20.20	20.90
		50	0	1	20.57	20.21	20.93
	16QAM	1	0	1	20.55	20.10	21.09
			24	1	20.87	20.38	**21.35**
			49	1	20.60	20.10	21.00
		25	0	2	20.50	20.24	20.88
			12	2	20.54	20.23	20.89
			25	2	20.62	20.19	20.85
		50	0	2	20.51	20.20	20.89

Conducted Power of LTE Band 41(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 39725	Channel 40620	Channel 41515
15MHz	QPSK	1	0	0	20.54	20.18	20.99
			37	0	20.73	20.35	21.08
			74	0	20.62	20.23	20.88
		37	0	1	20.78	20.34	21.12
			19	1	20.79	20.35	21.11
			38	1	20.79	20.34	21.12
		75	0	1	20.75	20.33	21.12
	16QAM	1	0	1	20.56	20.09	20.84
			37	1	20.75	20.23	21.03
			74	1	20.63	20.11	20.90
		37	0	2	20.72	20.29	21.02
			19	2	20.72	20.30	21.03
			38	2	20.71	20.30	21.04
		75	0	2	20.70	20.31	21.04
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 39750	Channel 40620	Channel 41490
20MHz	QPSK	1	0	0	20.36	19.99	20.69
			49	0	20.99	20.49	21.15
			99	0	20.44	20.05	20.57
		50	0	1	20.62	20.30	20.85
			25	1	20.64	20.29	20.87
			50	1	20.75	20.30	20.90
		100	0	1	20.67	20.27	20.85
	16QAM	1	0	1	20.50	19.90	20.63
			49	1	21.11	20.44	21.07
			99	1	20.57	20.15	20.51
		50	0	2	20.59	20.28	20.81
			25	2	20.56	20.27	20.82
			50	2	20.70	20.27	20.87
		100	0	2	20.99	20.24	20.81

Conducted Power of LTE Band 66(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 131979	Channel 132322	Channel 132665
1.4MHz	QPSK	1	0	0	22.47	22.45	22.46
			2	0	22.54	22.60	22.56
			5	0	22.44	22.47	22.44
		3	0	0	22.48	22.53	22.52
			1	0	22.48	22.54	22.53
			3	0	22.47	22.56	22.55
		6	0	1	21.51	21.52	21.51
	16QAM	1	0	1	21.13	21.34	21.14
			2	1	21.45	21.43	21.44
			5	1	21.34	21.17	21.16
		3	0	1	21.26	21.25	21.25
			1	1	21.55	21.25	21.56
			3	1	21.50	21.20	21.24
		6	0	2	20.57	20.54	20.54
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 131987	Channel 132322	Channel 132657
3MHz	QPSK	1	0	0	22.59	22.57	22.48
			8	0	22.55	22.61	22.60
			14	0	22.57	22.53	22.50
		8	0	1	21.51	21.52	21.51
			4	1	21.53	21.52	21.52
			7	1	21.53	21.53	21.53
		15	0	1	21.52	21.50	21.49
	16QAM	1	0	1	21.69	21.69	21.43
			8	1	21.70	21.44	21.68
			14	1	21.67	21.41	21.68
		8	0	2	20.54	20.56	20.48
			4	2	20.56	20.56	20.55
			7	2	20.48	20.48	20.56
		15	0	2	20.53	20.54	20.54

Conducted Power of LTE Band 66(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 131997	Channel 132322	Channel 132647
5MHz	QPSK	1	0	0	22.40	22.52	22.41
			12	0	22.54	22.56	22.54
			24	0	22.42	22.39	22.39
		12	0	1	21.45	21.45	21.43
			6	1	21.42	21.42	21.45
			13	1	21.48	21.47	21.47
		25	0	1	21.46	21.44	21.45
	16QAM	1	0	1	21.50	21.46	21.43
			12	1	21.59	21.61	21.60
			24	1	21.49	21.48	21.43
		12	0	2	20.42	20.41	20.44
			6	2	20.43	20.42	20.42
			13	2	20.45	20.44	20.47
		25	0	2	20.50	20.51	20.52
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 132022	Channel 132322	Channel 132622
10MHz	QPSK	1	0	0	22.56	22.57	22.56
			24	0	**22.80**	22.79	22.79
			49	0	22.58	22.56	22.49
		25	0	1	21.43	21.44	21.44
			12	1	21.46	21.47	21.46
			25	1	21.50	21.49	21.49
		50	0	1	21.49	21.49	21.47
	16QAM	1	0	1	21.54	21.58	21.59
			24	1	21.87	21.84	21.72
			49	1	21.50	21.49	21.52
		25	0	2	20.47	20.49	20.46
			12	2	20.50	20.48	20.50
			25	2	20.53	20.50	20.52
		50	0	2	22.80	20.51	20.51

Conducted Power of LTE Band 66(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 132047	Channel 132322	Channel 132597
15MHz	QPSK	1	0	0	22.51	22.47	22.46
			38	0	22.56	22.55	22.57
			74	0	22.46	22.44	22.49
		38	0	1	21.54	21.56	21.53
			18	1	21.54	21.54	21.56
			37	1	21.56	21.55	21.52
		75	0	1	21.53	21.54	21.57
	16QAM	1	0	1	21.47	21.60	21.60
			38	1	21.58	21.64	21.67
			74	1	21.48	21.59	21.51
		38	0	2	20.53	20.54	20.56
			18	2	20.54	20.55	20.56
			37	2	20.57	20.57	20.53
		75	0	2	20.56	20.55	20.55
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel 132072	Channel 132322	Channel 132572
20MHz	QPSK	1	0	0	22.33	22.37	22.35
			49	0	22.76	22.77	22.77
			99	0	22.30	22.37	22.36
		50	0	1	21.45	21.45	21.43
			25	1	21.44	21.47	21.43
			50	1	21.49	21.49	21.49
		100	0	1	21.48	21.48	21.48
	16QAM	1	0	1	21.48	21.46	21.47
			49	1	21.91	21.95	21.93
			99	1	21.54	21.52	21.56
		50	0	2	20.47	20.45	20.45
			25	2	20.45	20.44	20.43
			50	2	20.54	20.54	20.53
		100	0	2	20.51	20.55	20.53

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.
UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3.3-1 of the 3GPP TS36.101.

Table 6.2.3.3-1 Maximum Power Reduction (MPR) for Power class3

Modulation	Maximum Power Reduction (MPR) for Power[RB]						MPR(dB)
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz	
QPSK	＞5	＞4	＞8	＞12	＞16	＞18	≤1
16QAM	≤5	≤4	≤8	≤12	≤16	≤18	≤1
16QAM	＞5	＞4	＞8	＞12	＞16	＞18	≤2

The allowed A-MPR values specified below in Table 6.2.4.3-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of “NS_01”.3

Table 6.2.4.3-1: Additional Maximum Power Reduction (A-MPR) / Spectrum Emission requirements

Network Signaling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.2-1	1.4,3,5,10,15,20	Table 5.4.2-1	N/A
NS_03	6.6.2.2.3.1	2,4,10, 23, 25,35,36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.3.2	41	5	>6	≤1
			10, 15, 20	Table 6.2.4.3-4	
NS_05	6.6.3.3.3.1	1	10,15,20	≥ 50	≤ 1
NS_06	6.6.2.2.3.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.4.2-1	N/A
NS_07	6.6.2.2.3.3 6.6.3.3.3.2	13	10	Table 6.2.4.3-2	Table 6.2.4.3-2
NS_08	6.6.3.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4.3-3	Table 6.2.4.3-3
NS_11	6.6.2.2.1 6.6.3.3.13	231	1.4, 3, 5, 10,15,20	Table 6.2.4.3-5	Table 6.2.4.3-5
NS_12	6.6.3.3.5	26	1.4, 3, 5	Table 6.2.4.3-6	Table 6.2.4.3-6
NS_13	6.6.3.3.6	26	5	Table 6.2.4.3-7	Table 6.2.4.3-7
NS_14	6.6.3.3.7	26	10, 15	Table 6.2.4.3-8	Table 6.2.4.3-8
NS_15	6.6.3.3.8	26	1.4, 3, 5, 10, 15	Table 6.2.4.3-9 Table 6.2.4.3-10	Table 6.2.4.3-9, Table 6.2.4.3-10
NS_16	6.6.3.3.9	27	3, 5, 10	Table 6.2.4.3-11, Table 6.2.4.3-12, Table 6.2.4.3-13	
NS_17	6.6.3.3.10 6.6.3.3.11	28 28	5, 10	Table 5.4.2-1	N/A
			5	≥ 2	≤ 1
NS_18			10, 15, 20	≥ 1	≤ 4
NS_19			10, 15, 20	Table 6.2.4.3-15	Table 6.2.4.3-15
NS_20			5, 10, 15, 20	Table 6.2.4.3-14	Table 6.2.4.3-14
…					
NS_20	-	-	-	-	-

WIFI

Mode	Data Rate (Mbps)	Channel	Frequency(MHz)	Avg. Burst Power(dBm)
802.11b	1	01	2412	8.72
		06	2437	**10.03**
		11	2462	8.46
802.11g	6	01	2412	8.66
		06	2437	10.01
		11	2462	8.51
802.11n(20)	6.5	01	2412	8.68
		06	2437	9.86
		11	2462	8.38
802.11n(40)	13.5	03	2422	9.46
		06	2437	9.73
		09	2452	9.04

Bluetooth_V5.0(BR/EDR)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	0.15
	39	2441	0.13
	78	2480	**1.57**
π /4-DQPSK	0	2402	-0.35
	39	2441	-0.38
	78	2480	1.02
8-DPSK	0	2402	-0.38
	39	2441	-0.35
	78	2480	1.06

Bluetooth_V5.0(BLE)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	-2.80
	19	2440	-2.42
	39	2480	**-1.19**

5GHz WIFI

Mode	channel	Frequency	Avg. Burst Power (dBm)							
			Data Rate(bps)							
			6M	9M	12M	18M	24M	36M	48M	54M
802.11a	36	5180	7.93	7.80	7.74	7.61	7.51	7.40	7.27	7.80
	40	5200	8.67	8.48	8.45	8.28	8.14	7.98	7.90	8.48
	48	5240	**8.83**	8.80	8.66	8.50	8.33	8.13	8.01	8.80
	52	5260	**8.98**	8.79	8.71	8.65	8.55	8.41	8.24	8.79
	60	5300	8.64	8.57	8.52	8.50	8.45	8.44	8.35	8.57
	64	5320	8.25	8.10	7.99	7.86	7.85	7.72	7.69	8.10
	149	5745	7.34	7.16	7.11	6.99	6.98	6.89	6.76	7.16
	157	5785	7.03	6.89	6.85	6.78	6.62	6.52	6.46	6.89
	165	5825	**7.42**	7.37	7.28	7.20	7.20	7.18	7.18	7.37
			MCS0	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**
802.11n (20)	36	5180	7.83	7.80	7.66	7.47	7.45	7.44	7.30	7.80
	40	5200	8.52	8.49	8.43	8.42	8.33	8.23	8.19	8.49
	48	5240	8.67	8.66	8.56	8.39	8.20	8.13	7.95	8.66
	52	5260	8.91	8.88	8.74	8.70	8.52	8.33	8.33	8.88
	60	5300	8.56	8.37	8.34	8.15	8.06	7.97	7.87	8.37
	64	5320	8.11	8.03	7.94	7.76	7.66	7.50	7.42	8.03
	149	5745	7.15	7.06	6.95	6.86	6.68	6.55	6.51	7.06
	157	5785	6.77	6.59	6.58	6.40	6.38	6.37	6.27	6.59
	165	5825	7.23	7.18	7.16	7.04	7.02	6.94	6.81	7.18
			MCS0	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**
802.11n (40)	38	5190	8.29	8.17	8.04	8.00	7.83	7.73	7.55	8.17
	46	5230	8.09	7.96	7.92	7.86	7.69	7.51	7.41	7.96
	54	5270	8.61	8.47	8.29	8.19	8.12	8.11	8.06	8.47
	62	5310	8.73	8.54	8.34	8.23	8.10	8.02	7.87	8.54
	151	5755	6.93	6.89	6.74	6.70	6.61	6.45	6.33	6.89
	159	5795	6.66	6.56	6.54	6.45	6.34	6.30	6.11	6.56

Mode	channel	Frequency	Avg. Burst Power (dBm)							
			Data Rate(bps)							
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (20)	36	5180	7.87	7.69	7.53	7.47	7.36	7.32	7.18	7.69
	40	5200	8.60	8.59	8.53	8.33	8.26	8.24	8.19	8.59
	48	5240	8.71	8.70	8.57	8.43	8.37	8.17	8.00	8.70
	52	5260	8.88	8.83	8.69	8.53	8.36	8.33	8.22	8.83
	60	5300	8.65	8.51	8.32	8.29	8.11	8.03	7.88	8.51
	64	5320	8.11	7.97	7.85	7.76	7.73	7.56	7.48	7.97
	149	5745	7.23	7.04	6.90	6.79	6.63	6.51	6.40	7.04
	157	5785	6.87	6.73	6.62	6.59	6.59	6.57	6.39	6.73
	165	5825	7.19	7.03	7.02	6.94	6.78	6.62	6.58	7.03
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (40)	38	5190	8.64	8.58	8.49	8.45	8.30	8.19	8.00	8.58
	46	5230	8.06	7.94	7.90	7.86	7.77	7.71	7.66	7.94
	54	5270	8.38	8.25	8.21	8.12	8.04	7.90	7.74	8.25
	62	5310	8.34	8.17	8.12	7.94	7.80	7.77	7.59	8.17
	151	5755	6.98	6.96	6.80	6.76	6.72	6.58	6.43	6.96
	159	5795	6.87	6.78	6.66	6.56	6.53	6.45	6.37	6.78
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (80)	42	5210	7.89	7.78	7.62	7.50	7.40	7.27	7.09	7.78
	58	5290	8.51	8.38	8.26	8.08	7.91	7.75	7.57	8.38
	155	5775	7.35	7.29	7.15	7.04	6.91	6.73	6.55	7.29

13. TEST RESULTS

13.1. SAR Test Results Summary

13.1.1. Test position and configuration

1. Lab. use the head liquid with a separation of 0mm at flat phantom to test all sides where the antenna is installed within 25 mm from that edge/side.

13.1.2. 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 ≥0.8W/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 ≥0.8W/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. Per KDB 248227 D01v02r02,for 2.4GHz 802.11g/n SAR testing is not required 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 ≤1.2W/kg.
4. Per KDB 248227 D01 v02r02 Chapter 5.3.4, SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units. The initial test position procedure is applied to next to the ear, UMPC mini-tablet and hotspot mode configurations. When the same maximum output power is specified for multiple transmission modes, the procedures in 5.3.2 are applied to determine the test configuration. Additional power measurements may be required to determine if SAR measurements are required for subsequent highest output power channels in a subsequent test configuration. The subsequent test configuration and SAR measurement procedures are described in the following.
   (1) When SAR test exclusion provisions of KDB Publication 447498 D01 are applicable and SAR measurement is not required for the initial test configuration, SAR is also not required for the next highest maximum output power transmission mode subsequent test configuration(s) in that frequency band or aggregated band and exposure configuration.
   (2) When the highest reported SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration.
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.) ×[maximum turn-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 941125 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
10. Per KDB 941125 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 941125 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 ≤1.45W/kg, Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
12. Per KDB 941125 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 ≤1.45W/kg. Per KDB 941125 D05v02r05, smaller bandwidth SAR testing is not required.

13.1.3. Test Result

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 2													
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tune up Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
20	QPSK	Body back	1	0	18900	1880	-0.87	0.144	23.10	22.62	1.117	0.161	1.6
		Body front	1	0	18900	1880	-0.72	0.072	23.10	22.62	1.117	0.080	1.6
		Edge 1 (Top)	1	0	18700	1860	0.71	**0.907**	23.10	22.67	1.104	1.001	1.6
		Edge 1 (Top)	1	0	18900	1880	-0.71	0.902	23.10	22.62	1.117	**1.007**	1.6
		Edge 1 (Top)	1	0	19100	1900	-1.12	0.904	23.10	22.65	1.109	1.003	1.6
		Edge 2(Right)	1	0	18900	1880	0.09	0.414	23.10	22.62	1.117	0.462	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 4													
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
20	QPSK	Body back	1	0	20175	1732.5	-0.31	0.182	22.80	22.22	1.143	0.208	1.6
		Body front	1	0	20175	1732.5	0.88	0.084	22.80	22.22	1.143	0.096	1.6
		Edge 1 (Top)	1	0	20050	1720	-0.10	1.033	22.80	22.30	1.122	1.159	1.6
		Edge 1 (Top)	1	0	20175	1732.5	-0.39	1.039	22.80	22.22	1.143	1.187	1.6
		Edge 1 (Top)	1	0	20300	1745	-0.36	**1.044**	22.80	22.11	1.172	**1.224**	1.6
		Edge 2(Right)	1	0	20175	1732.5	0.32	0.446	22.80	22.22	1.143	0.510	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 5													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
10	**QPSK**	Body back	1	0	20525	836.5	-0.71	0.528	24.10	23.85	1.059	0.559	1.6
		Body front	1	0	20525	836.5	-0.62	0.162	24.10	23.85	1.059	0.172	1.6
		Edge 1 (Top)	1	0	20450	829	0.91	0.875	24.10	23.77	1.079	0.944	1.6
		Edge 1 (Top)	1	0	20525	836.5	-0.17	0.874	24.10	23.85	1.059	0.926	1.6
		Edge 1 (Top)	1	0	20600	844	0.29	**0.879**	24.10	23.77	1.079	**0.948**	1.6
		Edge 2(Right)	1	0	20525	836.5	0.19	0.213	24.10	23.85	1.059	0.226	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 7													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
20	**QPSK**	Body back	1	0	21100	2535	-0.83	0.205	22.60	22.01	1.146	0.235	1.6
		Body front	1	0	21100	2535	-0.30	0.128	22.60	22.01	1.146	0.147	1.6
		Edge 1 (Top)	1	0	20850	2510	0.27	1.115	22.60	21.92	1.169	1.304	1.6
		Edge 1 (Top)	1	0	21100	2535	-0.28	1.181	22.60	22.01	1.146	**1.353**	1.6
		Edge 1 (Top)	1	0	21350	2560	-0.25	**1.199**	22.60	22.12	1.117	1.339	1.6
		Edge 2(Right)	1	0	21100	2535	0.22	0.330	22.60	22.01	1.146	0.378	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 12													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
10	**QPSK**	Body back	1	0	23060	704	-0.71	0.549	23.90	23.58	1.076	0.591	1.6
		Body back	1	0	23095	707.5	0.97	**0.574**	23.90	23.71	1.045	**0.600**	1.6
		Body back	1	0	23130	711	-0.29	0.551	23.90	23.65	1.059	0.584	1.6
		Body front	1	0	23095	707.5	0.14	0.236	23.90	23.71	1.045	0.247	1.6
		Edge 1 (Top)	1	0	23095	707.5	-0.18	0.331	23.90	23.71	1.045	0.346	1.6
		Edge 2(Right)	1	0	23095	707.5	0.80	0.341	23.90	23.71	1.045	0.356	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 13													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
10	**QPSK**	Body back	1	0	23230	782	-0.43	**0.413**	22.80	22.61	1.045	**0.431**	1.6
		Body front	1	0	23230	782	0.76	0.110	22.80	22.61	1.045	0.115	1.6
		Edge 1 (Top)	1	0	23230	782	-0.10	0.393	22.80	22.61	1.045	0.411	1.6
		Edge 2(Right)	1	0	23230	782	-0.16	0.174	22.80	22.61	1.045	0.182	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 14													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
10	**QPSK**	Body back	1	0	23330	793	-0.03	0.298	23.00	22.83	1.040	0.310	1.6
		Body front	1	0	23330	793	-0.21	0.070	23.00	22.83	1.040	0.073	1.6
		Edge 1 (Top)	1	0	23330	793	-0.33	**0.331**	23.00	22.83	1.040	**0.344**	1.6
		Edge 2(Right)	1	0	23330	793	1.00	0.083	23.00	22.83	1.040	0.086	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 17													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
10	**QPSK**	Body back	1	0	23780	709	-0.68	0.583	23.30	23.11	1.045	0.609	1.6
		Body back	1	0	23790	710	-0.88	0.577	23.30	23.13	1.040	0.600	1.6
		Body back	1	0	23800	711	0.87	**0.587**	23.30	23.12	1.042	**0.612**	1.6
		Body front	1	0	23790	710	-0.18	0.233	23.30	23.13	1.040	0.242	1.6
		Edge 1 (Top)	1	0	23790	710	-0.39	0.324	23.30	23.13	1.040	0.337	1.6
		Edge 2(Right)	1	0	23790	710	-0.30	0.405	23.30	23.13	1.040	0.421	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 25													
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**									
20	**QPSK**	Body back	1	0	26365	1882.5	-0.09	0.205	22.80	22.25	1.135	0.233	1.6
		Body front	1	0	26365	1882.5	-0.28	0.101	22.80	22.25	1.135	0.115	1.6
		Edge 1 (Top)	1	0	26140	1860	0.37	1.158	22.80	22.30	1.122	1.299	1.6
		Edge 1 (Top)	1	0	26365	1882.5	-0.73	1.160	22.80	22.25	1.135	1.317	1.6
		Edge 1 (Top)	1	0	26590	1905	0.18	**1.163**	22.80	22.25	1.135	**1.320**	1.6
		Edge 2(Right)	1	0	26365	1882.5	-0.18	0.540	22.80	22.25	1.135	0.613	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 38													
BW MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
20	QPSK	Body back	1	0	38000	2595	-0.51	0.144	22.80	22.33	1.114	0.160	1.6
		Body front	1	0	38000	2595	-0.93	0.136	22.80	22.33	1.114	0.152	1.6
		Edge 1 (Top)	1	0	37850	2580	0.30	0.983	22.80	22.33	1.114	1.095	1.6
		Edge 1 (Top)	1	0	38000	2595	-0.26	**0.995**	22.80	22.33	1.114	**1.109**	1.6
		Edge 1 (Top)	1	0	38150	2610	-0.26	0.991	22.80	22.32	1.117	1.107	1.6
		Edge 2(Right)	1	0	38000	2595	0.26	0.202	22.80	22.33	1.114	0.225	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 40-Lower Side													
BW MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
10	QPSK	Body back	1	0	38750	2310	0.83	0.370	23.10	22.85	1.059	0.392	1.6
		Body front	1	0	38750	2310	0.32	0.128	23.10	22.85	1.059	0.136	1.6
		Edge 1 (Top)	1	0	38750	2310	-0.38	**0.954**	23.10	22.85	1.059	**1.011**	1.6
		Edge 2(Right)	1	0	38750	2310	-0.40	0.534	23.10	22.85	1.059	0.566	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 40- Upper Side													
BW MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
10	QPSK	Body back	1	0	39200	2355	-0.83	0.281	22.80	22.54	1.062	0.298	1.6
		Body front	1	0	39200	2355	0.77	0.091	22.80	22.54	1.062	0.097	1.6
		Edge 1 (Top)	1	0	39200	2355	-0.86	**0.731**	22.80	22.54	1.062	**0.776**	1.6
		Edge 2(Right)	1	0	39200	2355	0.14	0.393	22.80	22.54	1.062	0.417	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LEARNING CAMERA													
Test Mode: LTE Band 41													
BW MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
20	QPSK	Body back	1	0	40620	2593	-0.36	0.167	21.20	19.99	1.321	0.221	1.6
		Body front	1	0	40620	2593	0.47	0.151	21.20	19.99	1.321	0.200	1.6
		Edge 1 (Top)	1	0	39750	2506	-0.81	0.882	21.20	20.36	1.213	1.070	1.6
		Edge 1 (Top)	1	0	40620	2593	-0.22	0.972	21.20	19.99	1.321	**1.284**	1.6
		Edge 1 (Top)	1	0	41490	2680	-0.26	**1.010**	21.20	20.69	1.125	1.136	1.6
		Edge 2(Right)	1	0	40620	2593	0.18	0.214	21.20	19.99	1.321	0.283	1.6

SAR MEASUREMENT													
Depth of Liquid (cm):>15													
Product: LTE smartphone													
Test Mode: LTE Band 66													
BW MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. Output Power (dBm)	Tune-up Scaling factor	Scaled SAR (W/Kg)	Limit (W/kg)
			UL RB Allocation	UL RB START									
20	QPSK	Body back	1	0	132322	1745	-0.70	0.142	22.90	22.37	1.130	0.160	1.6
		Body front	1	0	132322	1745	0.74	0.062	22.90	22.37	1.130	0.070	1.6
		Edge 1 (Top)	1	0	132072	1720	-0.79	0.980	22.90	22.33	1.140	1.117	1.6
		Edge 1 (Top)	1	0	132322	1745	-1.13	**1.002**	22.90	22.37	1.130	**1.132**	1.6
		Edge 1 (Top)	1	0	132572	1770	-0.31	0.993	22.90	22.35	1.135	1.127	1.6
		Edge 2(Right)	1	0	132322	1745	0.25	0.329	22.90	22.37	1.130	0.372	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body is 0mm of all above table

SAR MEASUREMENT										
Depth of Liquid (cm):>15										
Product: LEARNING CAMERA										
Test Mode:802.11b										
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Body back	DTS	6	2437	-0.62	0.058	10.10	10.03	1.016	0.059	1.6
Body front	DTS	6	2437	0.67	0.044	10.10	10.03	1.016	0.045	1.6
Edge 1 (Top)	DTS	6	2437	-0.89	0.076	10.10	10.03	1.016	0.077	1.6
Edge 4(Left)	DTS	01	2412	-0.23	0.174	10.10	8.72	1.374	0.239	1.6
Edge 4(Left)	DTS	06	2437	-0.24	0.194	10.10	10.03	1.016	0.197	1.6
Edge 4(Left)	DTS	11	2462	0.15	**0.196**	10.10	8.46	1.459	**0.286**	1.6

Note:
- According to KDB248227, SAR is not required for 802.11n HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11a/b channels.
- All of above “DTS” means data transmitters.
- The test separation for body is 0mm of all above table.

SAR MEASUREMENT									
Depth of Liquid (cm):>15									
Product: LEARNING CAMERA									
Test Mode: 5.2GHz WIFI-802.11a									
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Body back	40	5200	-0.86	0.017	8.90	8.67	1.054	0.018	1.6
Body front	40	5200	0.10	0.034	8.90	8.67	1.054	0.036	1.6
Edge 1 (Top)	40	5200	-0.23	0.039	8.90	8.67	1.054	0.041	1.6
Edge 4 (Left)	36	5180	-0.28	0.220	8.90	7.93	1.250	0.275	1.6
Edge 4 (Left)	40	5200	-0.35	0.261	8.90	8.67	1.054	0.275	1.6
Edge 4 (Left)	48	5240	0.27	**0.278**	8.90	8.83	1.016	**0.283**	1.6

SAR MEASUREMENT									
Depth of Liquid (cm):>15									
Product: LEARNING CAMERA									
Test Mode: 5.3GHz WIFI-802.11a									
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Body back	60	5300	-0.79	0.014	9.00	8.64	1.086	0.015	1.6
Body front	60	5300	0.61	0.051	9.00	8.64	1.086	0.055	1.6
Edge 1 (Top)	60	5300	-1.17	0.133	9.00	8.64	1.086	0.144	1.6
Edge 4 (Left)	52	5260	0.41	0.237	9.00	8.98	1.005	0.238	1.6
Edge 4 (Left)	60	5300	-0.47	0.251	9.00	8.64	1.086	0.273	1.6
Edge 4 (Left)	64	5320	-0.49	**0.254**	9.00	8.25	1.189	**0.302**	1.6

SAR MEASUREMENT									
Depth of Liquid (cm):>15									
Product: LEARNING CAMERA									
Test Mode: 5.8GHz WIFI-802.11a									
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. Output Power (dBm)**	**Tune-up Scaling factor**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Body back	157	5785	-0.76	0.047	7.50	7.03	1.114	0.052	1.6
Body front	157	5785	-0.74	0.017	7.50	7.03	1.114	0.019	1.6
Edge 1 (Top)	157	5785	0.77	0.031	7.50	7.03	1.114	0.035	1.6
Edge 4 (Left)	149	5745	-0.78	0.205	7.50	7.34	1.038	0.213	1.6
Edge 4 (Left)	157	5785	-0.82	0.209	7.50	7.03	1.114	**0.233**	1.6
Edge 4 (Left)	165	5825	0.16	**0.214**	7.50	7.42	1.019	0.218	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body is 0mm of all above table

Repeated SAR											
Product: LEARNING CAMERA											
Test Mode: LTE Band 2& LTE Band 4& LTE Band 5& LTE Band 7& LTE Band 25& LTE Band 38& LTE Band 40-Lower Side& LTE Band 41& LTE Band 66											
Position	Mode		Ch.	Fr. (MHz)	Power Drift (<±5%)	Once SAR (1g) (W/kg)	Power Drift (<±5%)	Twice SAR (1g) (W/kg)	Power Drift (<±5%)	Third SAR (1g) (W/kg)	Limit W/kg
	UL RB Allocation	UL RB START									
Edge 1 (Top)	1	0	18700	1860	-0.10	0.903	--	--	--	--	1.6
Edge 1 (Top)	1	0	20300	1745	0.13	1.045	--	--	--	--	1.6
Edge 1 (Top)	1	0	20600	844	-0.21	0.871	--	--	--	--	1.6
Edge 1 (Top)	1	0	21350	2560	0.19	1.199	--	--	--	--	1.6
Edge 1 (Top)	1	0	26590	1905	0.16	1.162	--	--	--	--	1.6
Edge 1 (Top)	1	0	38000	2595	-0.36	0.988	--	--	--	--	1.6
Edge 1 (Top)	1	0	38750	2310	0.31	0.982	--	--	--	--	1.6
Edge 1 (Top)	1	0	41490	2680	0.20	1.008	--	--	--	--	1.6
Edge 1 (Top)	1	0	132322	1745	0.11	1.021	--	--	--	--	1.6

The second repeated SAR judge reference									
Product: LEARNING CAMERA									
Band	Position	Mode		Ch.	Fr. (MHz)	Orignal SAR (1g) (W/kg)	First SAR (1g) (W/kg)	Ratio	Limit
		UL RB Allocation	UL RB START						
LTE Band 2	Edge 1 (Top)	1	0	18700	1860	0.907	0.903	1.004	<1.2
LTE Band 4	Edge 1 (Top)	1	0	20300	1745	1.044	1.045	1.001	<1.2
LTE Band 5	Edge 1 (Top)	1	0	20600	844	0.879	0.871	1.009	<1.2
LTE Band 7	Edge 1 (Top)	1	0	21350	2560	1.199	1.199	1.000	<1.2
LTE Band 25	Edge 1 (Top)	1	0	26590	1905	1.163	1.162	1.001	<1.2
LTE Band 38	Edge 1 (Top)	1	0	38000	2595	0.995	0.988	1.007	<1.2
LTE Band 40-Lower Side	Edge 1 (Top)	1	0	38750	2310	0.954	0.982	1.029	<1.2
LTE Band 41	Edge 1 (Top)	1	0	41490	2680	1.010	1.008	1.002	<1.2
LTE Band 66	Edge 1 (Top)	1	0	132322	1745	1.002	1.021	1.019	<1.2

Simultaneous Multi-band Transmission Evaluation:

Application Simultaneous Transmission information:

NO	Simultaneous state	Portable Handset	
		Body-worn	Hotspot
1	LTE + WLAN 2.4GHz/ 5GHz (data)	Yes	Yes
2	LTE + Bluetooth(data)	Yes	Yes

NOTE:

1. WIFI and BT share the same antenna, and cannot transmit simultaneously.
2. Simultaneous with every transmitter must be the same test position.
3. KDB 447498 D01, BT SAR is excluded as below table.
4. KDB 447498 D01, for handsets the test separation distance is determined by the smallest distance between the outer surface of the device and the user; which is 0mm for head SAR and 0mm for body-worn SAR.
5. According to KDB 447498 D01 4.3.1, Standalone SAR test exclusion is as follow:
   For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
   [(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] • [√f(GHz)] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR[30], where
   - f(GHz) is the RF channel transmit frequency in GHz
   - Power and distance are rounded to the nearest mW and mm before calculation[31]
   - The result is rounded to one decimal place for comparison
   - The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

   The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.
6. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
7. According to KDB 447498 D01 4.3.2, simultaneous transmission SAR test exclusion is as follow:
   (1) 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.
   (2) Any transmitters and antennas should be considered when calculating simultaneous mode.
   (3) For mobile phone and PC, it's the sum of all transmitters and antennas at the same mode with same position in each applicable exposure condition
   (4)When the standalone SAR test exclusion of section 4.3.2 is applied to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to the following to det
   (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f(GHz)/x] W/kg for test separation distances ≤ 50 mm;
   where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR.

8. When the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR to peak location separation ratio. The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion. The ratio is determined by (SAR1 + SAR2)1.5/Ri, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

Estimated SAR		Max Power including Tune-up Tolerance		Separation Distance (mm)	Estimated SAR (W/kg)
		dBm	mW		
BT	Body	2	1.585	0	0.067

Sum of the SAR for LTE Band 2 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.161	0.059		0.220	No
	Front	0.080	0.045		0.125	No
	Edge 1	1.007	0.077		1.084	No
	Rear	0.161		0.067	0.228	No
	Front	0.080		0.067	0.147	No
	Edge 1	1.007		0.067	1.074	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.161	0.018		0.179	No
	Front	0.080	0.036		0.116	No
	Edge 1	1.007	0.041		1.048	No
	Rear	0.161		0.015	0.176	No
	Front	0.080		0.055	0.135	No
	Edge 1	1.007		0.144	1.151	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.8GHz WI-Fi Band			
Body-worn	Rear	0.161	0.052		0.213	No
	Front	0.080	0.019		0.099	No
	Edge 1	1.007	0.035		1.042	No

Sum of the SAR for LTE Band 4 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.208	0.059		0.267	No
	Front	0.096	0.045		0.141	No
	Edge 1	1.224	0.077		1.301	No
	Rear	0.208		0.067	0.275	No
	Front	0.096		0.067	0.163	No
	Edge 1	1.224		0.067	1.291	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.208	0.018		0.226	No
	Front	0.096	0.036		0.132	No
	Edge 1	1.224	0.041		1.265	No
	Rear	0.208		0.015	0.223	No
	Front	0.096		0.055	0.151	No
	Edge 1	1.224		0.144	1.368	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.8GHz WI-Fi Band			
Body-worn	Rear	0.208	0.052		0.260	No
	Front	0.096	0.019		0.115	No
	Edge 1	1.224	0.035		1.259	No

Sum of the SAR for LTE Band 5 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.559	0.059		0.618	No
	Front	0.172	0.045		0.217	No
	Edge 1	0.948	0.077		1.025	No
	Rear	0.559		0.067	0.626	No
	Front	0.172		0.067	0.239	No
	Edge 1	0.948		0.067	1.015	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.559	0.018		0.577	No
	Front	0.172	0.036		0.208	No
	Edge 1	0.948	0.041		0.989	No
	Rear	0.559		0.015	0.574	No
	Front	0.172		0.055	0.227	No
	Edge 1	0.948		0.144	1.092	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.8GHz WI-Fi Band			
Body-worn	Rear	0.559	0.052		0.611	No
	Front	0.172	0.019		0.191	No
	Edge 1	0.948	0.035		0.983	No

Sum of the SAR for LTE Band 7 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.235	0.059		0.294	No
	Front	0.147	0.045		0.192	No
	Edge 1	1.353	0.077		1.430	No
	Rear	0.235		0.067	0.302	No
	Front	0.147		0.067	0.214	No
	Edge 1	1.353		0.067	1.420	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.235	0.018		0.253	No
	Front	0.147	0.036		0.183	No
	Edge 1	1.353	0.041		1.394	No
	Rear	0.235		0.015	0.250	No
	Front	0.147		0.055	0.202	No
	Edge 1	1.353		0.144	**1.497**	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	5.8GHz WI-Fi Band			
Body-worn	Rear	0.235	0.052		0.287	No
	Front	0.147	0.019		0.166	No
	Edge 1	1.353	0.035		1.388	No

Sum of the SAR for LTE Band 12 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.600	0.059		0.659	No
	Front	0.247	0.045		0.292	No
	Edge 1	0.346	0.077		0.423	No
	Rear	0.600		0.067	0.667	No
	Front	0.247		0.067	0.314	No
	Edge 1	0.346		0.067	0.413	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.600	0.018		0.618	No
	Front	0.247	0.036		0.283	No
	Edge 1	0.346	0.041		0.387	No
	Rear	0.600		0.015	0.615	No
	Front	0.247		0.055	0.302	No
	Edge 1	0.346		0.144	0.490	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	5.8GHz WI-Fi Band			
Body-worn	Rear	0.600	0.052		0.652	No
	Front	0.247	0.019		0.266	No
	Edge 1	0.346	0.035		0.381	No

Sum of the SAR for LTE Band 13 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 13	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.431	0.059		0.490	No
	Front	0.115	0.045		0.160	No
	Edge 1	0.411	0.077		0.488	No
	Rear	0.431		0.067	0.498	No
	Front	0.115		0.067	0.182	No
	Edge 1	0.411		0.067	0.478	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 13	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.431	0.018		0.449	No
	Front	0.115	0.036		0.151	No
	Edge 1	0.411	0.041		0.452	No
	Rear	0.431		0.015	0.446	No
	Front	0.115		0.055	0.170	No
	Edge 1	0.411		0.144	0.555	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 13	5.8GHz WI-Fi Band			
Body-worn	Rear	0.431	0.052		0.483	No
	Front	0.115	0.019		0.134	No
	Edge 1	0.411	0.035		0.446	No

Sum of the SAR for LTE Band 14 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 14	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.310	0.059		0.369	No
	Front	0.073	0.045		0.118	No
	Edge 1	0.344	0.077		0.421	No
	Rear	0.310		0.067	0.377	No
	Front	0.073		0.067	0.140	No
	Edge 1	0.344		0.067	0.411	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 14	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.310	0.018		0.328	No
	Front	0.073	0.036		0.109	No
	Edge 1	0.344	0.041		0.385	No
	Rear	0.310		0.015	0.325	No
	Front	0.073		0.055	0.128	No
	Edge 1	0.344		0.144	0.488	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 14	5.8GHz WI-Fi Band			
Body-worn	Rear	0.310	0.052		0.362	No
	Front	0.073	0.019		0.092	No
	Edge 1	0.344	0.035		0.379	No

Sum of the SAR for LTE Band 17 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 17	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.612	0.059		0.671	No
	Front	0.242	0.045		0.287	No
	Edge 1	0.337	0.077		0.414	No
	Rear	0.612		0.067	0.679	No
	Front	0.242		0.067	0.309	No
	Edge 1	0.337		0.067	0.404	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 17	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.612	0.018		0.630	No
	Front	0.242	0.036		0.278	No
	Edge 1	0.337	0.041		0.378	No
	Rear	0.612		0.015	0.627	No
	Front	0.242		0.055	0.297	No
	Edge 1	0.337		0.144	0.481	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 17	5.8GHz WI-Fi Band			
Body-worn	Rear	0.612	0.052		0.664	No
	Front	0.242	0.019		0.261	No
	Edge 1	0.337	0.035		0.372	No

Sum of the SAR for LTE Band 25 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 25	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.233	0.059		0.292	No
	Front	0.115	0.045		0.160	No
	Edge 1	1.320	0.077		1.397	No
	Rear	0.233		0.067	0.300	No
	Front	0.115		0.067	0.182	No
	Edge 1	1.320		0.067	1.387	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 25	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.233	0.018		0.251	No
	Front	0.115	0.036		0.151	No
	Edge 1	1.320	0.041		1.361	No
	Rear	0.233		0.015	0.248	No
	Front	0.115		0.055	0.170	No
	Edge 1	1.320		0.144	1.464	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 25	5.8GHz WI-Fi Band			
Body-worn	Rear	0.233	0.052		0.285	No
	Front	0.115	0.019		0.134	No
	Edge 1	1.320	0.035		1.355	No

Sum of the SAR for LTE Band 38 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 38	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.160	0.059		0.219	No
	Front	0.152	0.045		0.197	No
	Edge 1	1.109	0.077		1.186	No
	Rear	0.160		0.067	0.227	No
	Front	0.152		0.067	0.219	No
	Edge 1	1.109		0.067	1.176	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 38	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.160	0.018		0.178	No
	Front	0.152	0.036		0.188	No
	Edge 1	1.109	0.041		1.150	No
	Rear	0.160		0.015	0.175	No
	Front	0.152		0.055	0.207	No
	Edge 1	1.109		0.144	1.253	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 38	5.8GHz WI-Fi Band			
Body-worn	Rear	0.160	0.052		0.212	No
	Front	0.152	0.019		0.171	No
	Edge 1	1.109	0.035		1.144	No

Sum of the SAR for LTE Band 40-Lower Side &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 40-Lower Side	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.392	0.059		0.451	No
	Front	0.136	0.045		0.181	No
	Edge 1	1.011	0.077		1.088	No
	Rear	0.392		0.067	0.459	No
	Front	0.136		0.067	0.203	No
	Edge 1	1.011		0.067	1.078	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 40-Lower Side	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.392	0.018		0.410	No
	Front	0.136	0.036		0.172	No
	Edge 1	1.011	0.041		1.052	No
	Rear	0.392		0.015	0.407	No
	Front	0.136		0.055	0.191	No
	Edge 1	1.011		0.144	1.155	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 40-Lower Side	5.8GHz WI-Fi Band			
Body-worn	Rear	0.392	0.052		0.444	No
	Front	0.136	0.019		0.155	No
	Edge 1	1.011	0.035		1.046	No

Sum of the SAR for LTE Band 40-Upper Side &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 40-Upper Side	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.298	0.059		0.357	No
	Front	0.097	0.045		0.142	No
	Edge 1	0.776	0.077		0.853	No
	Rear	0.298		0.067	0.365	No
	Front	0.097		0.067	0.164	No
	Edge 1	0.776		0.067	0.843	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 40-Upper Side	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.298	0.018		0.316	No
	Front	0.097	0.036		0.133	No
	Edge 1	0.776	0.041		0.817	No
	Rear	0.298		0.015	0.313	No
	Front	0.097		0.055	0.152	No
	Edge 1	0.776		0.144	0.920	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 40-Upper Side	5.8GHz WI-Fi Band			
Body-worn	Rear	0.298	0.052		0.350	No
	Front	0.097	0.019		0.116	No
	Edge 1	0.776	0.035		0.811	No

Sum of the SAR for LTE Band 41 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 41	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.221	0.059		0.280	No
	Front	0.200	0.045		0.245	No
	Edge 1	1.284	0.077		1.361	No
	Rear	0.221		0.067	0.288	No
	Front	0.200		0.067	0.267	No
	Edge 1	1.284		0.067	1.351	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 41	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.221	0.018		0.239	No
	Front	0.200	0.036		0.236	No
	Edge 1	1.284	0.041		1.325	No
	Rear	0.221		0.015	0.236	No
	Front	0.200		0.055	0.255	No
	Edge 1	1.284		0.144	1.428	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 41	5.8GHz WI-Fi Band			
Body-worn	Rear	0.221	0.052		0.273	No
	Front	0.200	0.019		0.219	No
	Edge 1	1.284	0.035		1.319	No
	Rear	0.221			0.288	No
	Front	0.200			0.267	No
	Edge 1	1.284			1.351	No

Sum of the SAR for LTE Band 66 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 66	Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.160	0.059		0.219	No
	Front	0.070	0.045		0.115	No
	Edge 1	1.132	0.077		1.209	No
	Rear	0.160		0.067	0.227	No
	Front	0.070		0.067	0.137	No
	Edge 1	1.132		0.067	1.199	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 66	5.2GHz WI-Fi Band	5.3GHz WI-Fi Band		
Body-worn	Rear	0.160	0.018		0.178	No
	Front	0.070	0.036		0.106	No
	Edge 1	1.132	0.041		1.173	No
	Rear	0.160		0.015	0.175	No
	Front	0.070		0.055	0.125	No
	Edge 1	1.132		0.144	1.276	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 66	5.8GHz WI-Fi Band			
Body-worn	Rear	0.160	0.052		0.212	No
	Front	0.070	0.019		0.089	No
	Edge 1	1.132	0.035		1.167	No
	Rear	0.160			0.160	No
	Front	0.070			0.070	No
	Edge 1	1.132			1.132	No

Note:

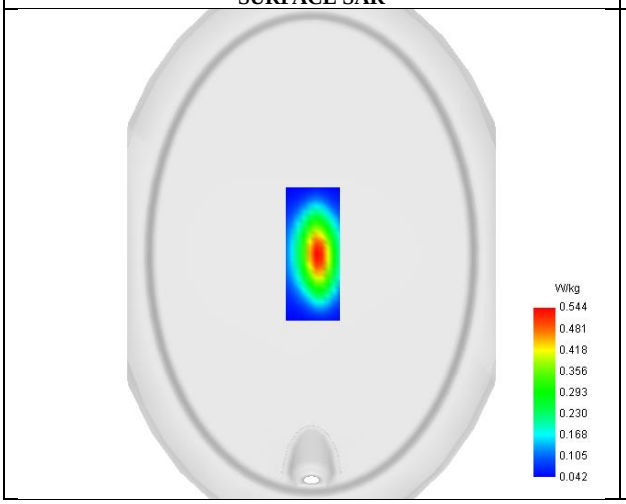
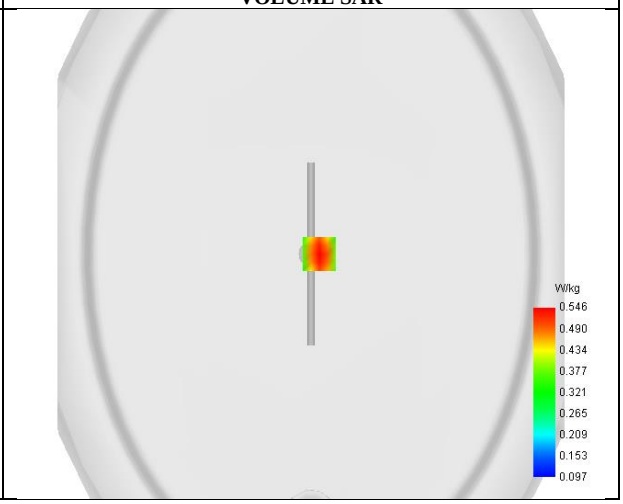
·According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
·SPLSR mean is “The SAR to Peak Location Separation Ratio “

APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab **Date: Jun. 26, 2025**
System Check Head 750 MHz
DUT: Dipole 750 MHz Type: SID 750
Communication System CW; Communication System Band: D750 (750.0 MHz); Duty Cycle: 1:1; Conv.F=2.30
Frequency: 750 MHz; Medium parameters used: f = 750 MHz; σ=0.88 mho/m; εr =42.08; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

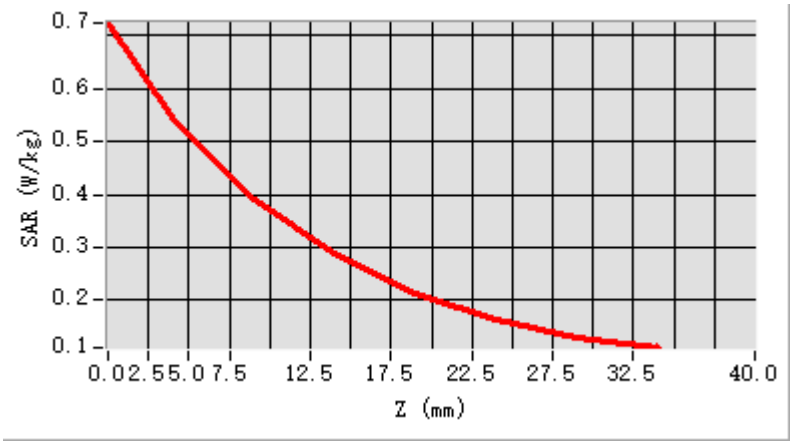
Configuration/System Check 750MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

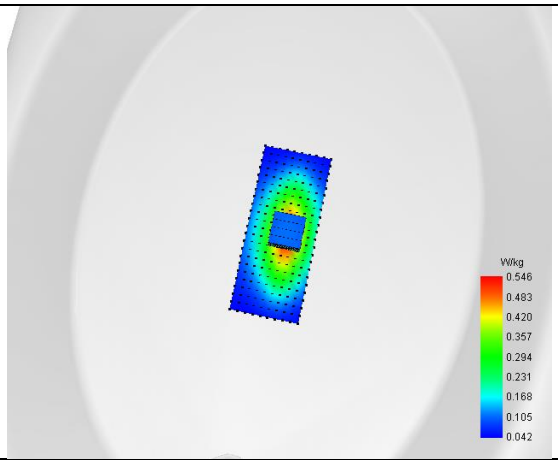
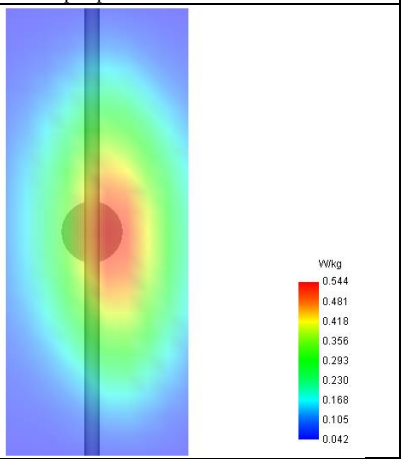
SURFACE SAR	VOLUME SAR
	

Maximum location: X=8.00, Y=0.00 ; SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.361
SAR 1g (W/Kg)	0.525
Variation (%)	-1.650
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	71.320808

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.724	0.546	0.389	0.287	0.213	0.165	0.129

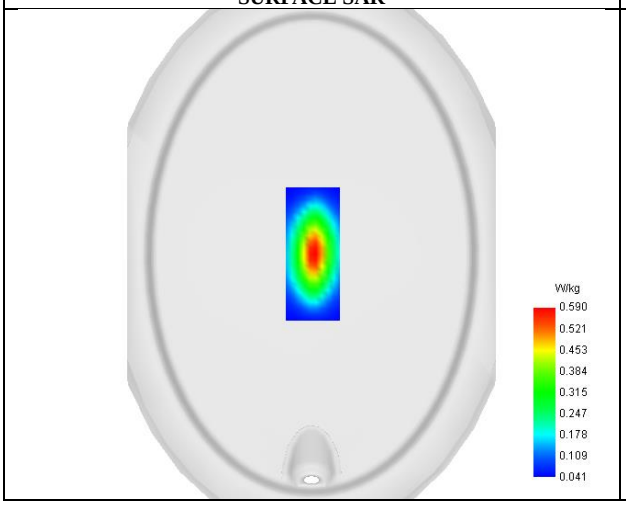
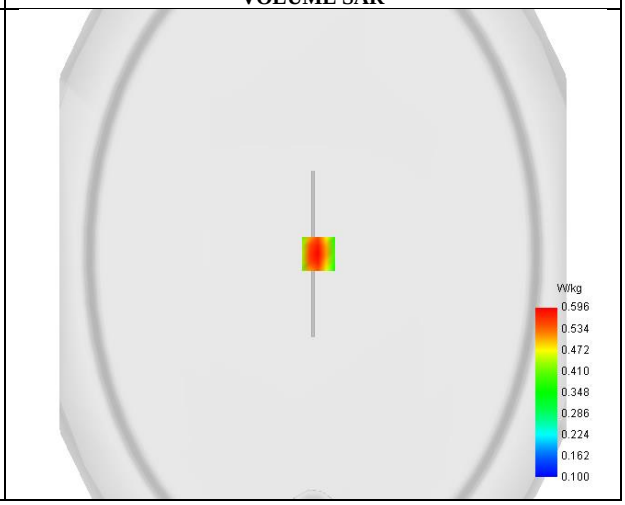


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 08, 2025**
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835
Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=2.23
Frequency: 835 MHz; Medium parameters used: f = 835 MHz; σ=0.93 mho/m; εr =42.57; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

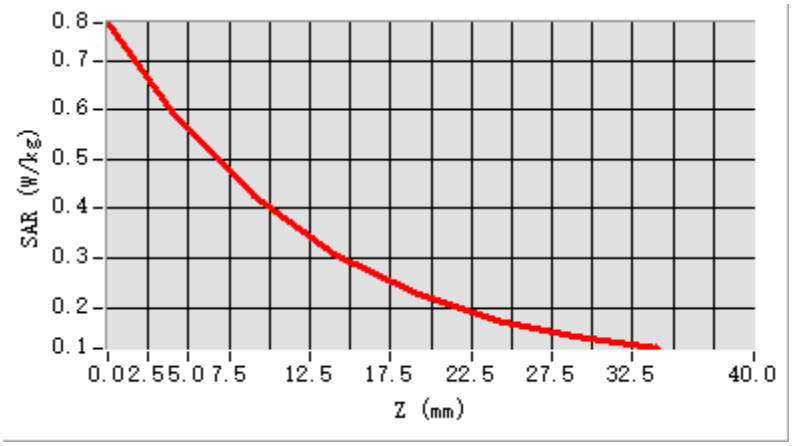
Configuration/System Check 835MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

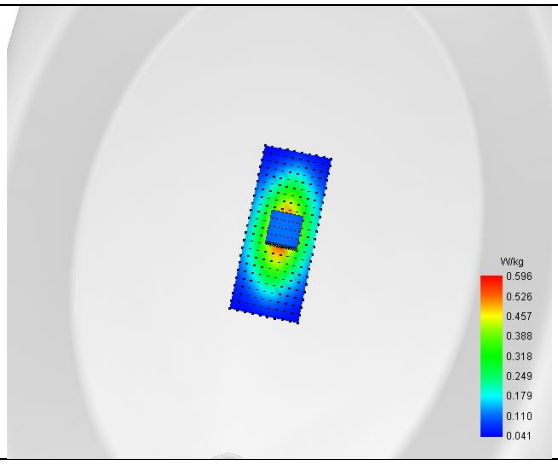
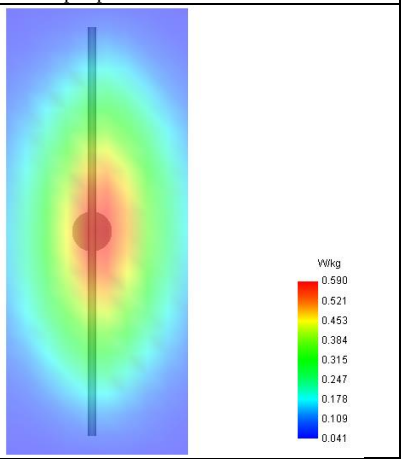
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=0.00 ; SAR Peak: 0.79 W/kg

SAR 10g (W/Kg)	0.394
SAR 1g (W/Kg)	0.574
Variation (%)	-0.970
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	71.580640

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.776	0.596	0.427	0.309	0.229	0.175	0.142

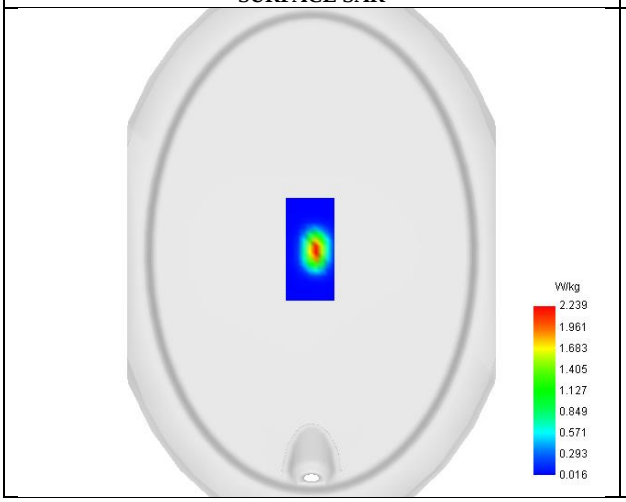
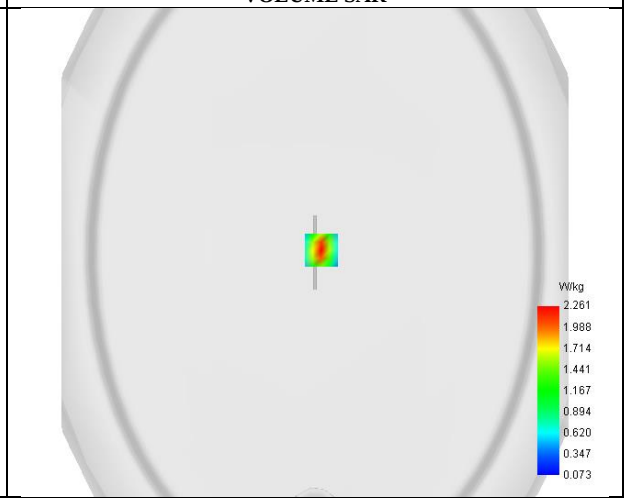


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 09, 2025**
System Check Head 1750MHz
DUT: Dipole 1800 MHz; Type: SID 1800
Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=2.33
Frequency: 1750 MHz; Medium parameters used: f = 1750MHz; σ=1.36 mho/m; εr =39.07; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

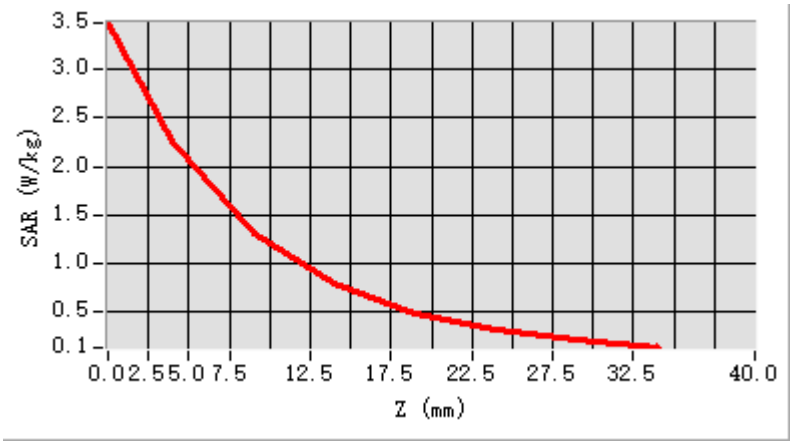
Configuration/System Check 1750MHz Head/Area Scan: Measurement grid: dx=8mm,dy=8mm
Configuration/System Check 1750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

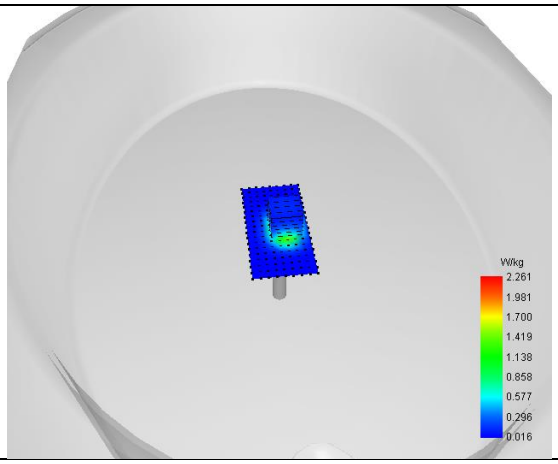
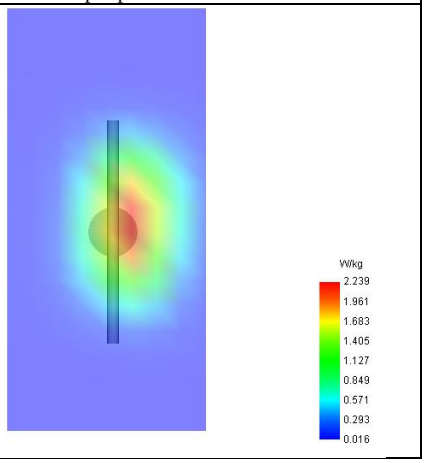
SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=2.00 ; SAR Peak: 3.43 W/kg

SAR 10g (W/Kg)	1.115
SAR 1g (W/Kg)	2.163
Variation (%)	-1.900
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.971366

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.453	2.247	1.291	0.784	0.477	0.302	0.198

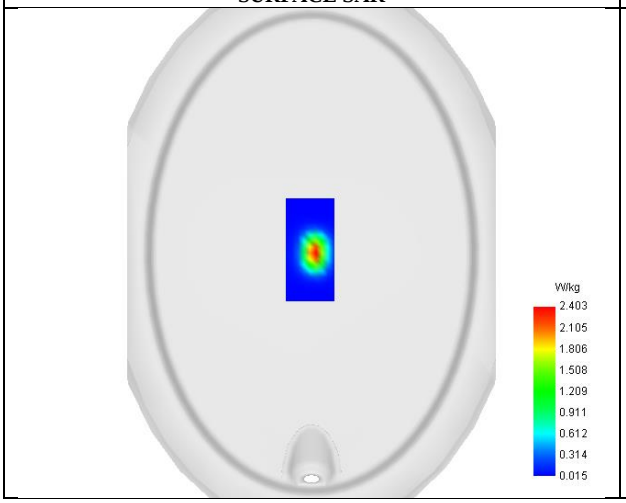
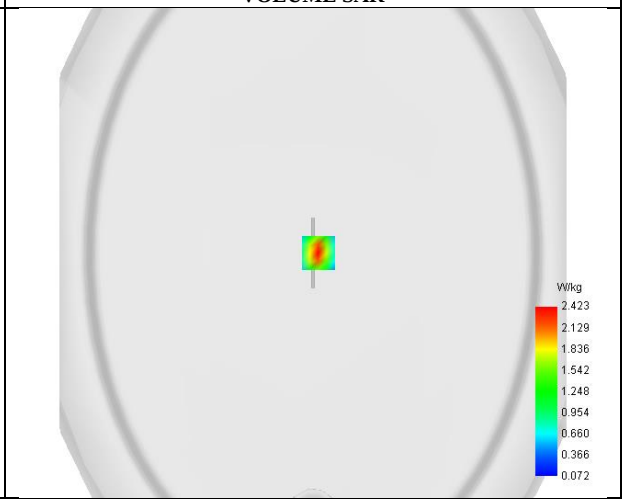


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 10, 2025**
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900
Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=2.25
Frequency: 1900 MHz; Medium parameters used: f = 1900 MHz; σ=1.36 mho/m; εr =39.16; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

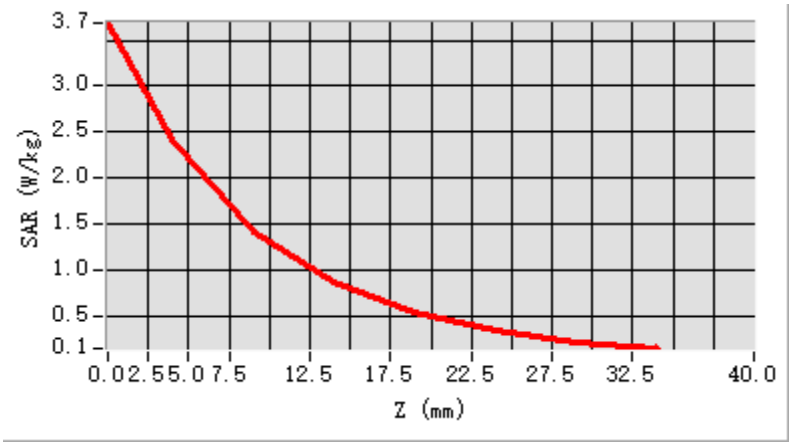
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

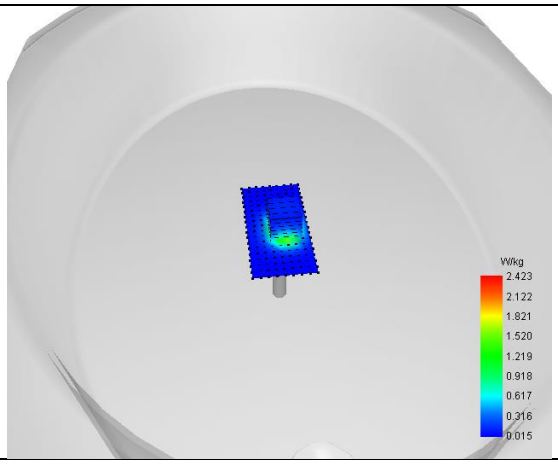
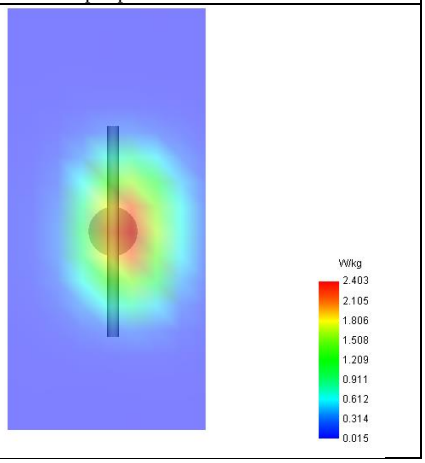
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=0.00 ; SAR Peak: 3.66 W/kg

SAR 10g (W/Kg)	1.218
SAR 1g (W/Kg)	2.275
Variation (%)	-1.250
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.619183

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.688	2.423	1.420	0.861	0.534	0.337	0.215

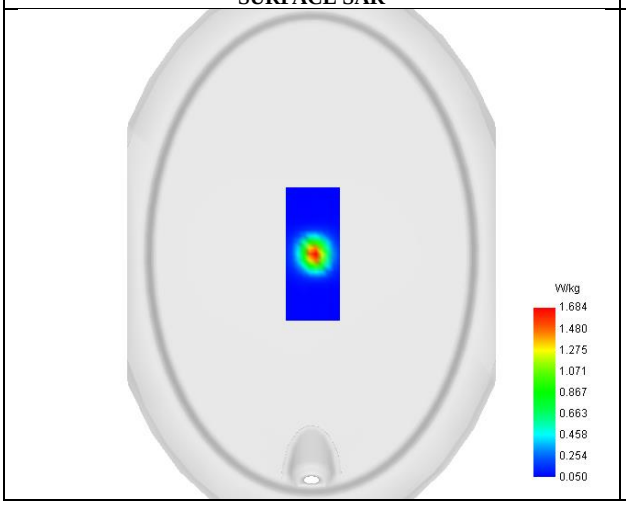
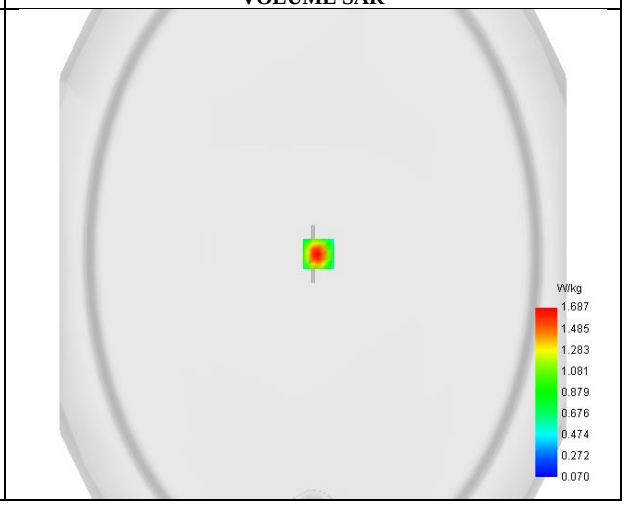


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 11, 2025**
System Check Head 2300 MHz
DUT: Dipole 2300 MHz Type: SID 2300
Communication System CW; Communication System Band: D2300 (2300.0 MHz); Duty Cycle: 1:1; Conv.F=2.37
Frequency: 2300 MHz; Medium parameters used: f = 2300 MHz; σ=1.71 mho/m; εr =38.54; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

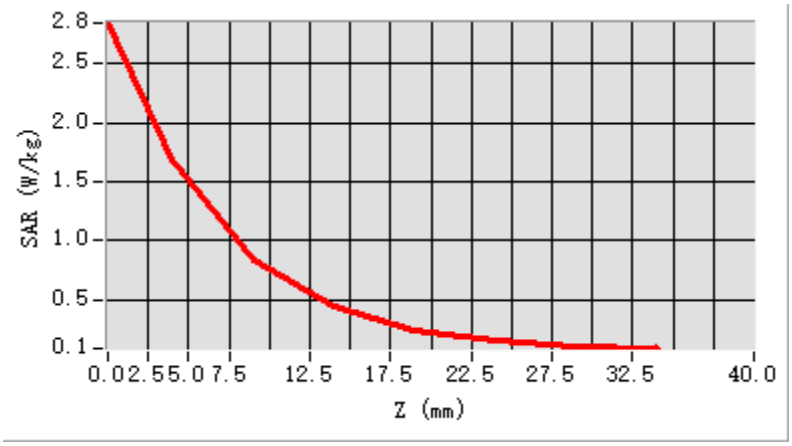
Configuration/System Check 2300MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 2300MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

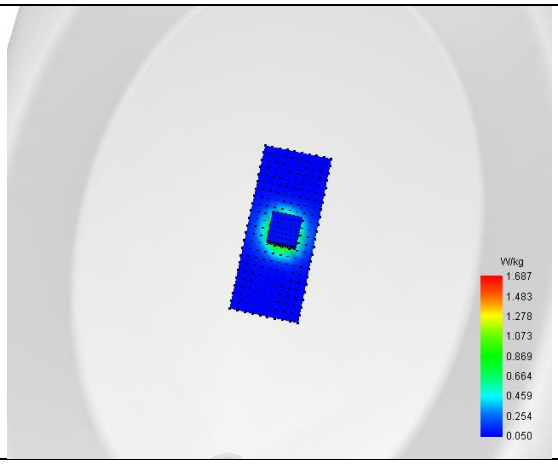
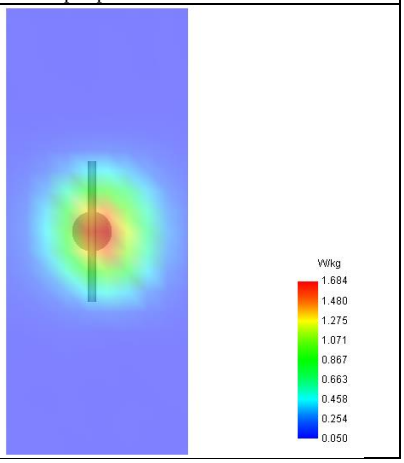
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=0.00 ; SAR Peak: 2.83 W/kg

SAR 10g (W/Kg)	0.801
SAR 1g (W/Kg)	1.587
Variation (%)	-1.790
Horizontal validation criteria: minimum distance (mm)	15.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	49.731399

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.844	1.687	0.839	0.437	0.244	0.150	0.107

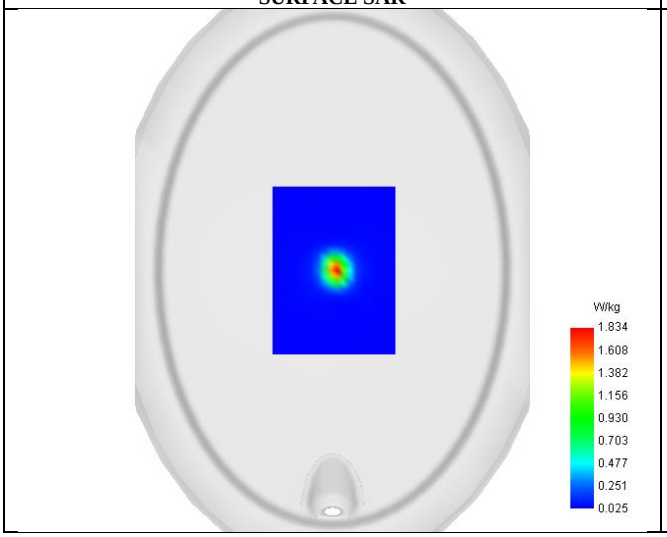
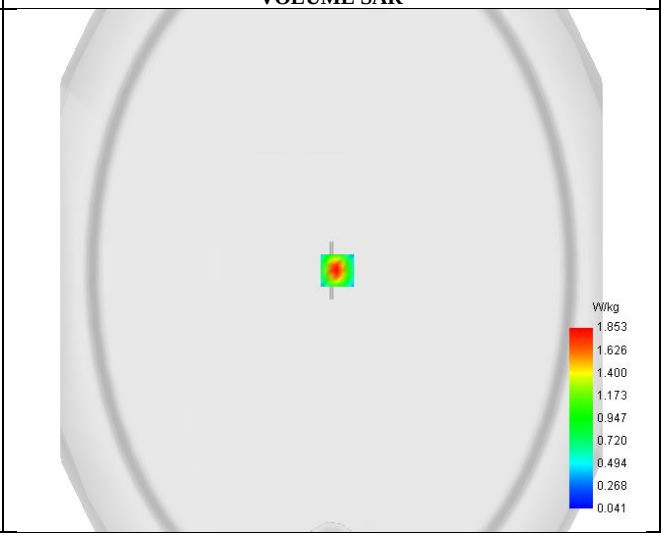


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 28, 2025**
System Check Head 2450 MHz
DUT: Dipole 2450 MHz Type: SID 2450
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=2.29
Frequency: 2450 MHz; Medium parameters used: f = 2450 MHz; σ=1.77 mho/m; εr =38.35; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

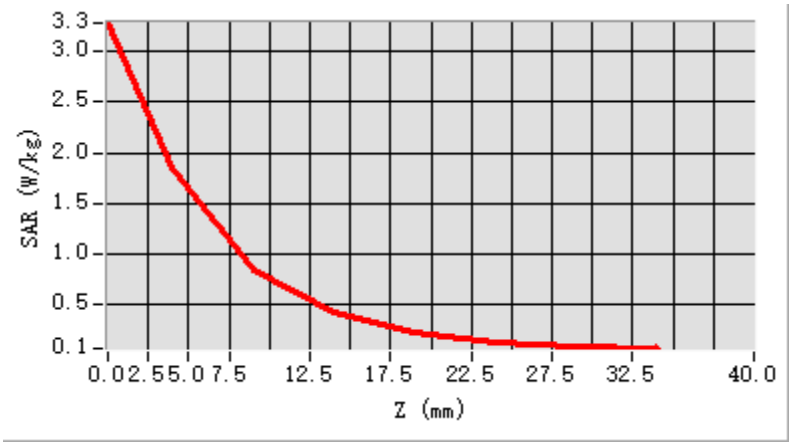
Configuration/System Check 2450MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 2450MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

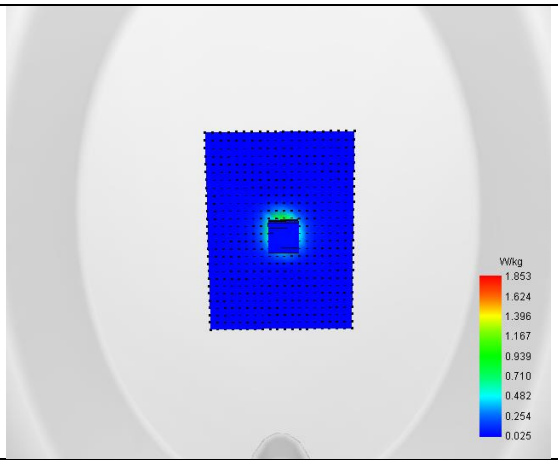
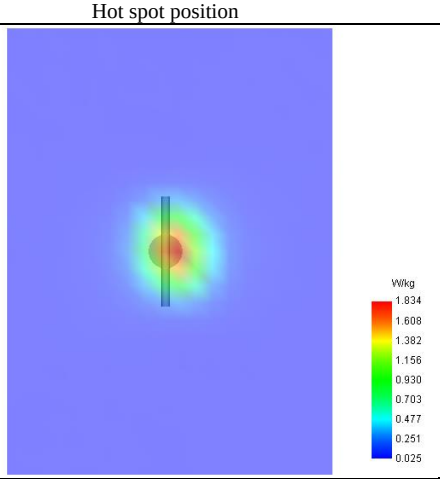
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=0.00 ; SAR Peak: 3.25 W/kg

SAR 10g (W/Kg)	0.781
SAR 1g (W/Kg)	1.725
Variation (%)	1.380
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	45.435472

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.288	1.853	0.842	0.405	0.205	0.114	0.070

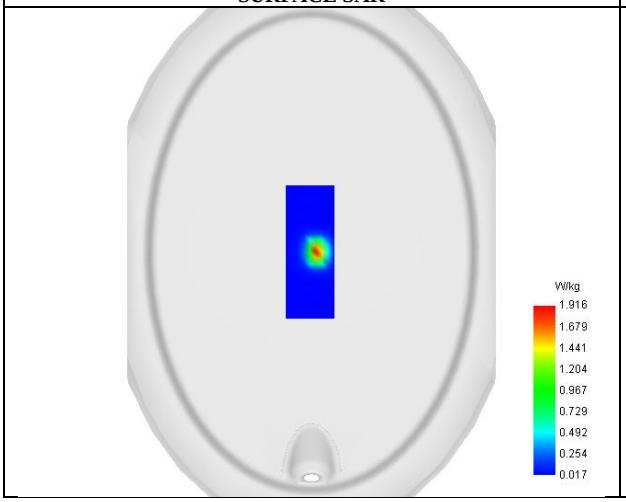
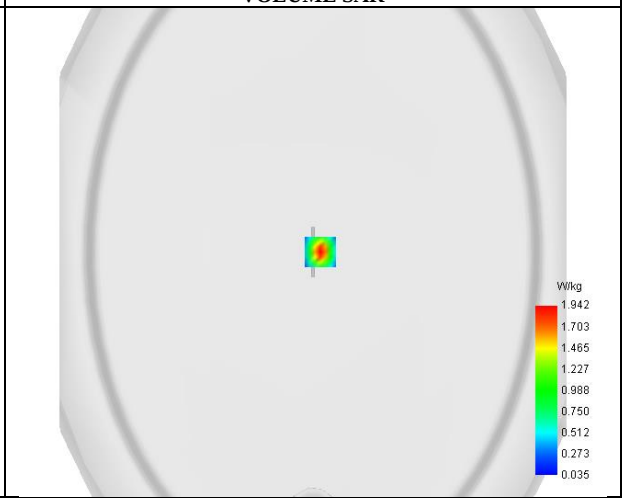


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 15, 2025**
System Check Head 2600MHz
DUT: Dipole 2600 MHz; Type: SID 2600
Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1; Conv.F=2.19
Frequency:2600 MHz; Medium parameters used: f = 2600 MHz; σ=1.95 mho/m; εr =38.67; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

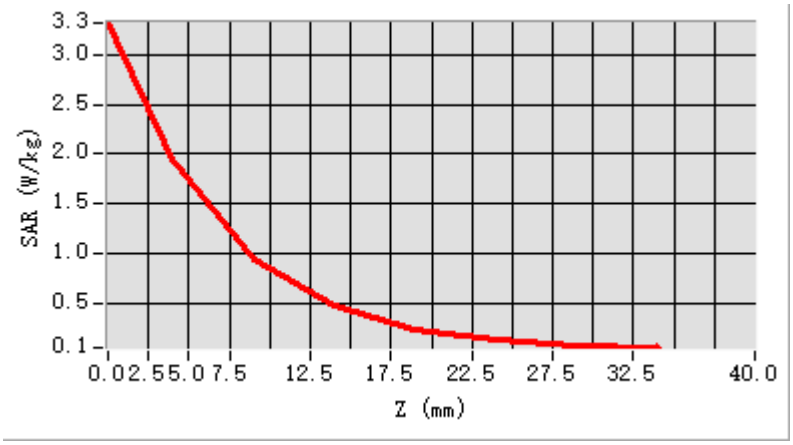
Configuration/System Check 2600 Head/Area Scan: Measurement grid: dx=8mm,dy=8mm
Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

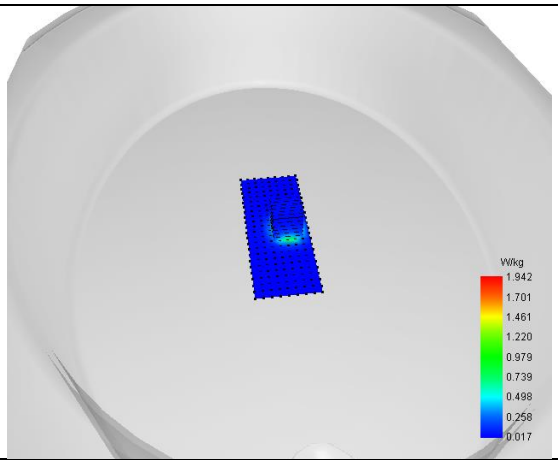
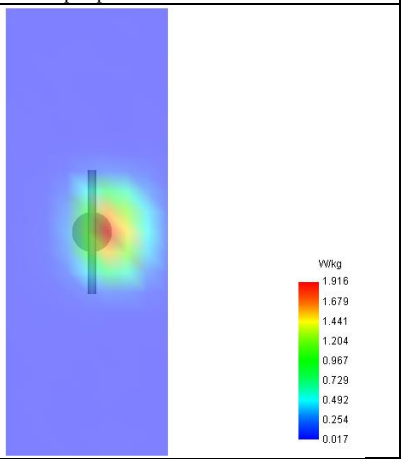
SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=0.00 ; SAR Peak: 3.27 W/kg

SAR 10g (W/Kg)	0.776
SAR 1g (W/Kg)	1.749
Variation (%)	1.780
Horizontal validation criteria: minimum distance (mm)	10.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	48.336588

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.301	1.928	0.915	0.457	0.223	0.118	0.069

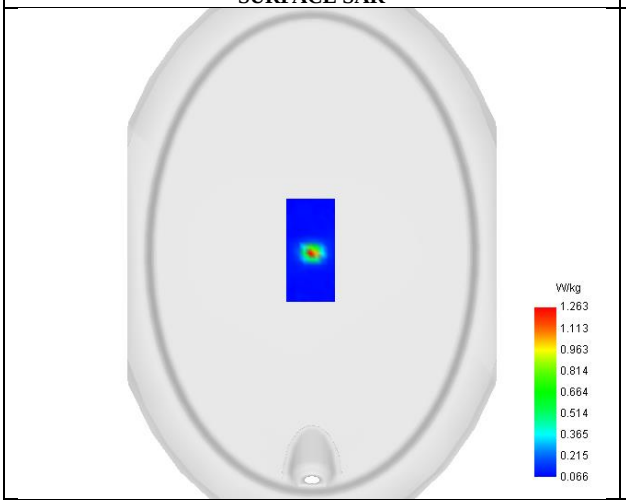
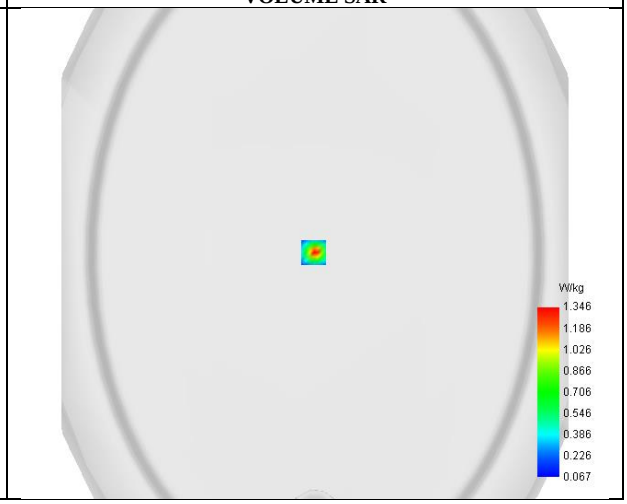


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 29, 2025**
System Check 5200 MHz
DUT: Dipole 5000MHz Type: SID5000
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.54
Frequency: 5200 MHz; Medium parameters used: f = 5250 MHz; σ =4.59 mho/m; εr =35.88; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=10dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

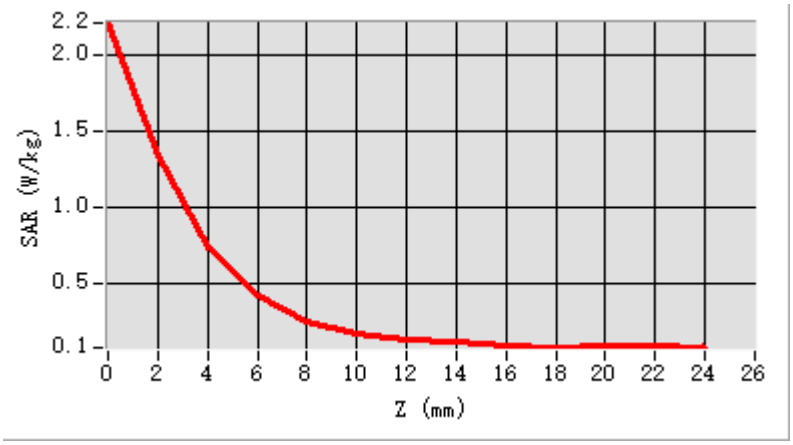
Configuration/System Check 5200 MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5200 MHz Body/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

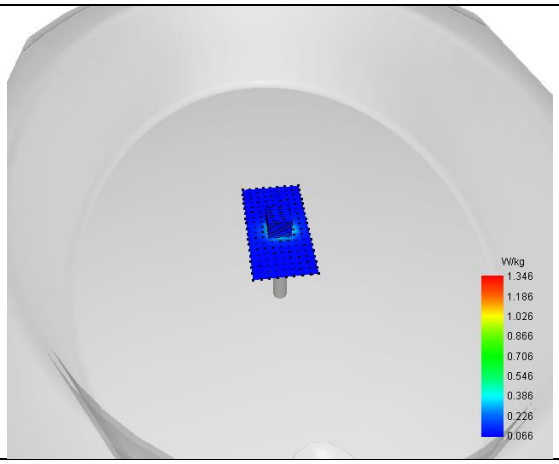
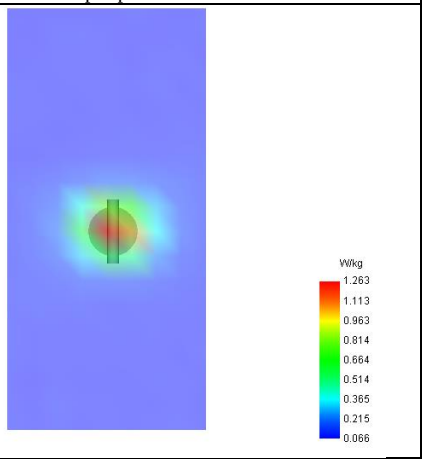
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-1.00, Y=1.00 ; SAR Peak: 2.32 W/kg

SAR 10g (W/Kg)	0.220
SAR 1g (W/Kg)	0.779
Variation (%)	-1.800
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.490569

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)	2.214	1.350	0.749	0.422	0.253	0.178	0.132	0.120	0.099	0.084	0.097	0.093

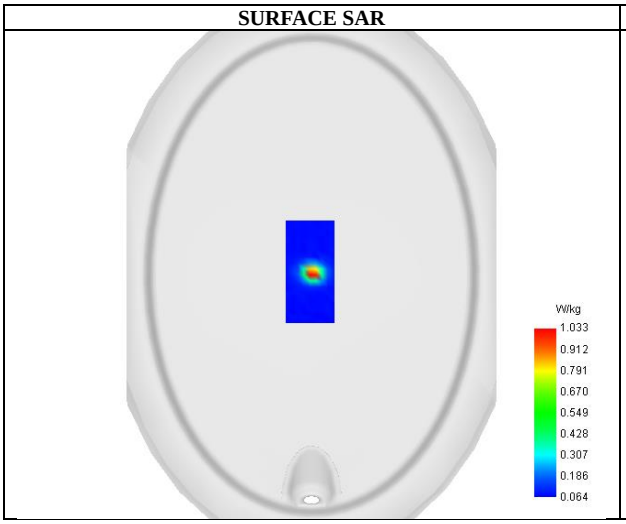
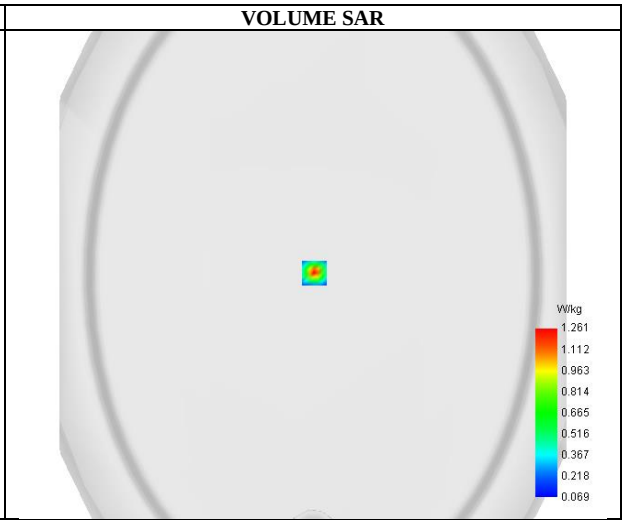


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 27, 2025**
System Check Head 5300 MHz
DUT: Dipole 5000MHz Type: SID5000
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.54
Frequency: 5300 MHz; Medium parameters used: f = 5250 MHz; σ =4.71 mho/m; εr =36.07; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=10dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

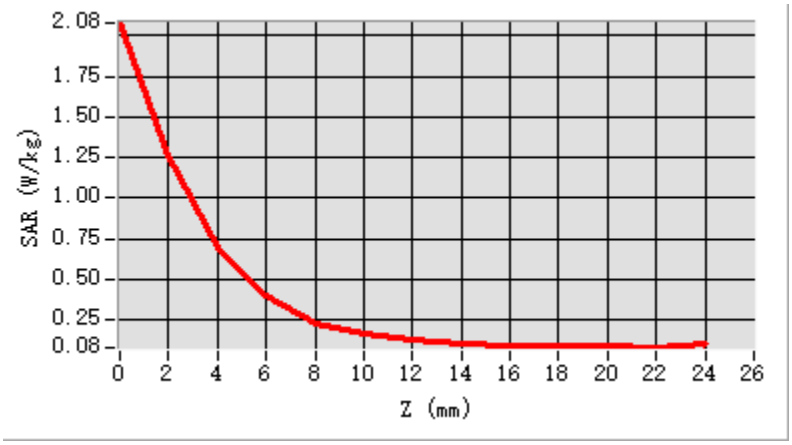
Configuration/System Check 5300 MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5300 MHz Head/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

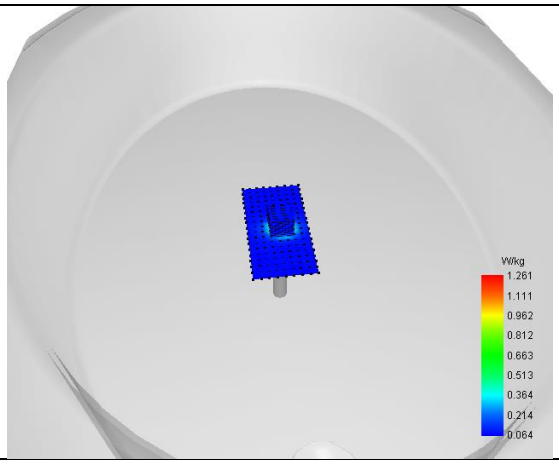
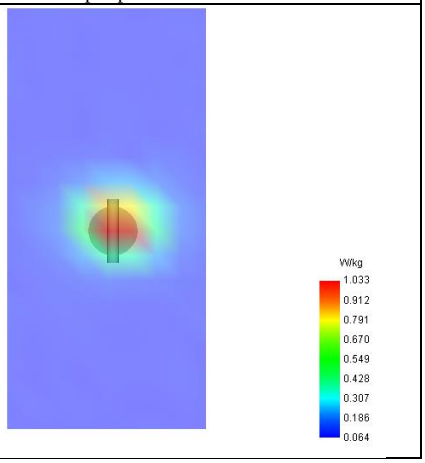
SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=2.00 ; SAR Peak: 2.12 W/kg

SAR 10g (W/Kg)	0.232
SAR 1g (W/Kg)	0.705
Variation (%)	-5.660
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.813405

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)	2.054	1.249	0.672	0.395	0.203	0.131	0.106	0.098	0.081	0.074	0.077	0.060

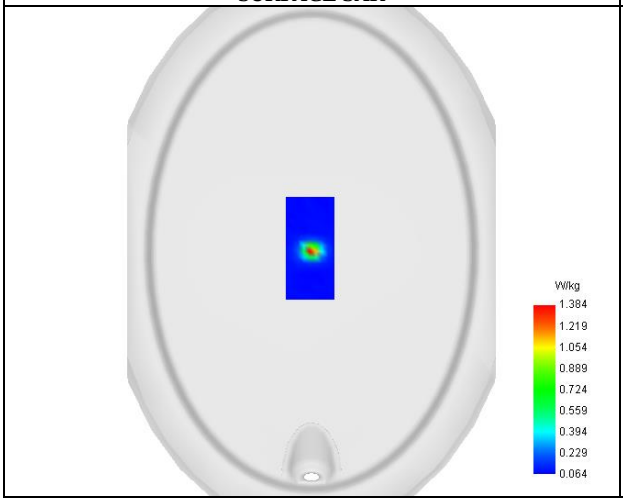
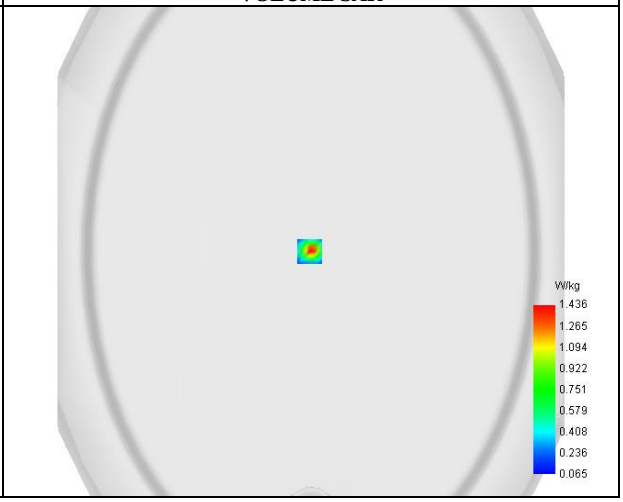


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jun. 30, 2025**
System Check Head 5800 MHz
DUT: Dipole 5000MHz Type: SID5000
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.41
Frequency: 5800 MHz; Medium parameters used: f = 5750 MHz; σ =5.35 mho/m; εr =35.04; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=18dBm

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

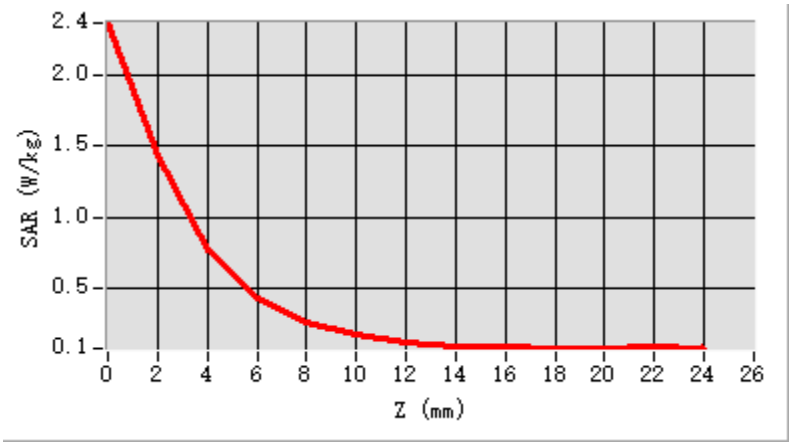
Configuration/System Check 5800 MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5800 MHz Head/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

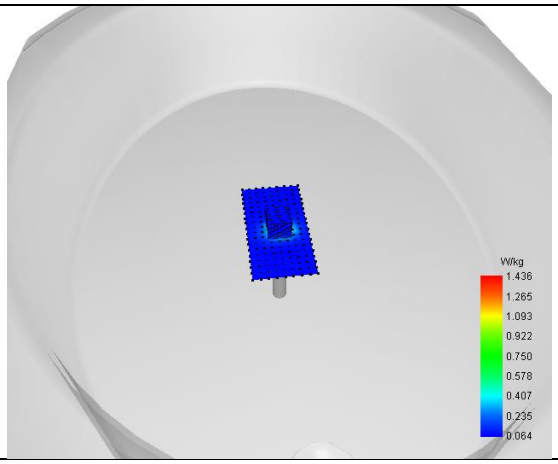
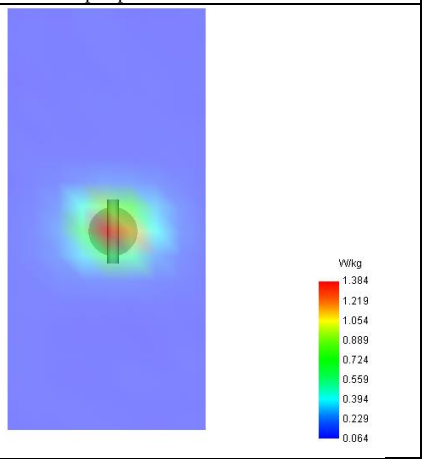
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 2.54 W/kg

SAR 10g (W/Kg)	0.229
SAR 1g (W/Kg)	0.806
Variation (%)	-9.960
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	53.272550

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)	2.340	1.419	0.744	0.413	0.238	0.145	0.107	0.075	0.068	0.051	0.069	0.062



3D screen shot	Hot spot position
	

APPENDIX B. SAR MEASUREMENT DATA

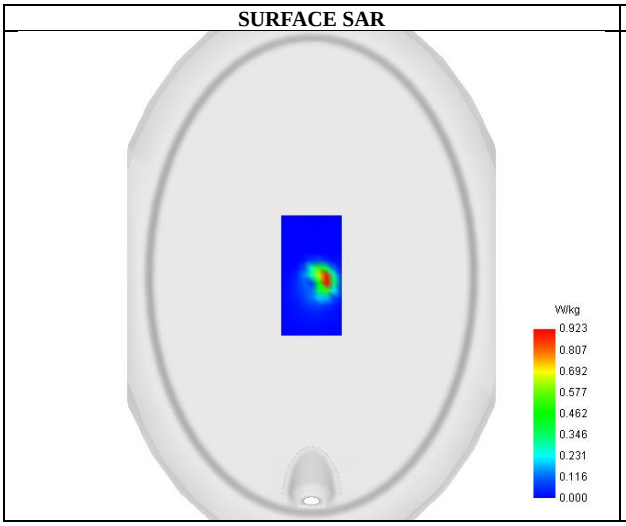
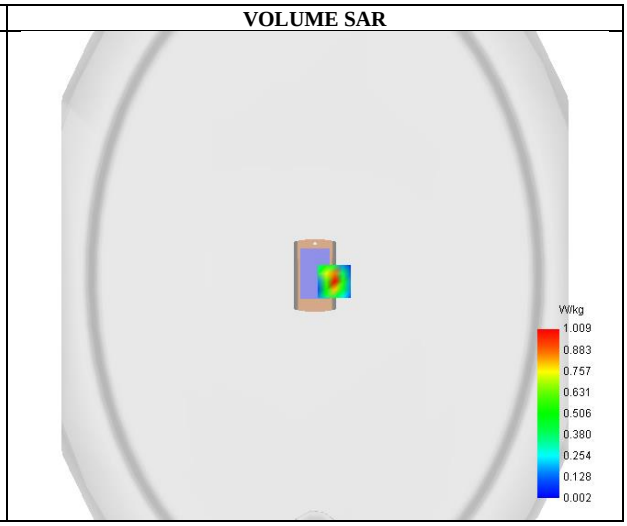
Test Laboratory: AGC Lab **Date: Jun. 10, 2025**
LTE Band 2 Low-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.25; Frequency:1860MHz; Medium parameters used: f = 1900 MHz; σ= 1.34 mho/m; εr =41.08; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 2 Low-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Low -Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

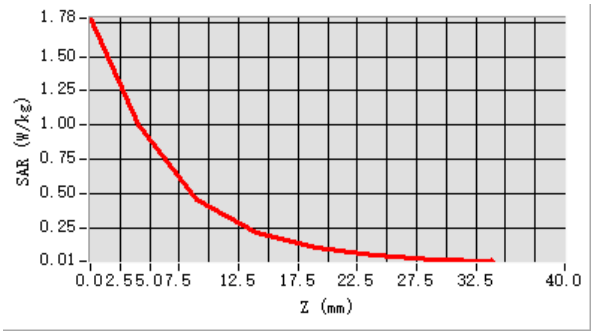
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 2
Channels	Low
Signal	OFDM (Crest factor: 1.0)

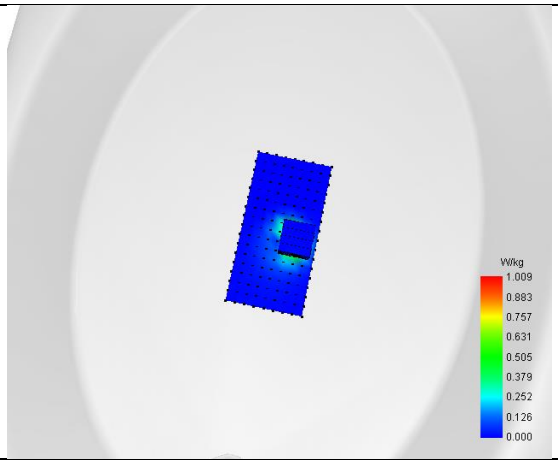
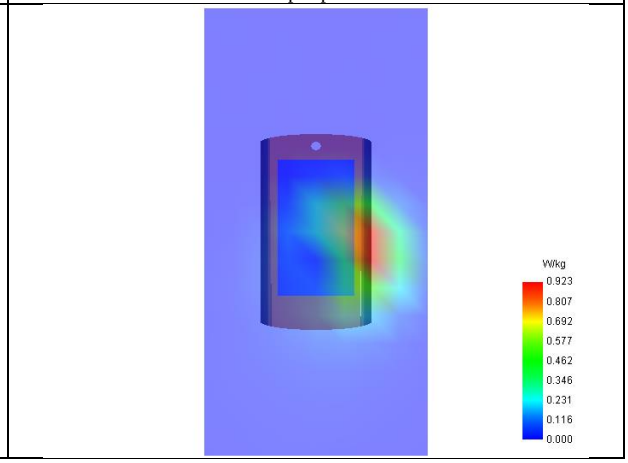
SURFACE SAR	VOLUME SAR
	

Maximum location: X=19.00, Y=-6.00 ; SAR Peak: 1.78 W/kg

SAR 10g (W/Kg)	0.384
SAR 1g (W/Kg)	0.907
Variation (%)	-1.120
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	45.724056

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.780	1.009	0.461	0.219	0.104	0.048	0.020



3D screen shot	Hot spot position
	

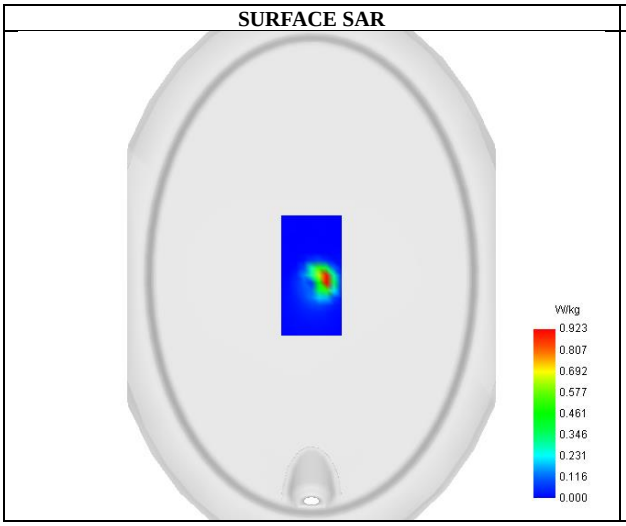
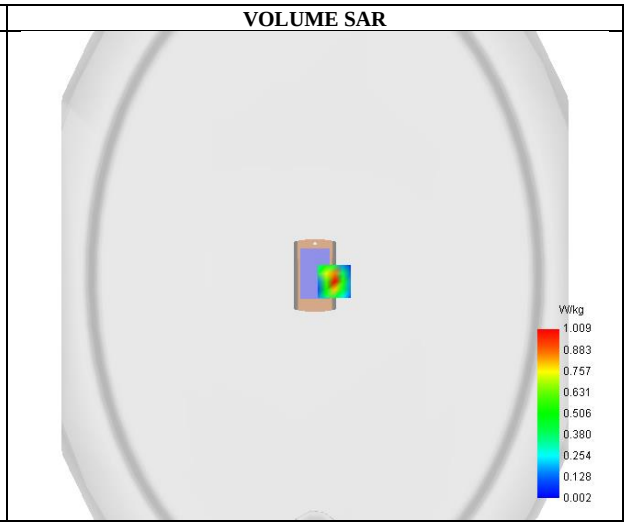
Test Laboratory: AGC Lab **Date: Jun. 10, 2025**
LTE Band 2 Mid-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.25; Frequency:1880MHz; Medium parameters used: f = 1900 MHz; σ= 1.35 mho/m; εr =40.39; ρ= 1000 kg/m^3 ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 2 Mid-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Mid-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

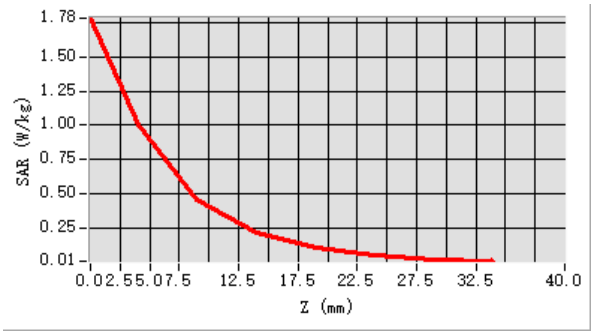
SURFACE SAR	VOLUME SAR
	

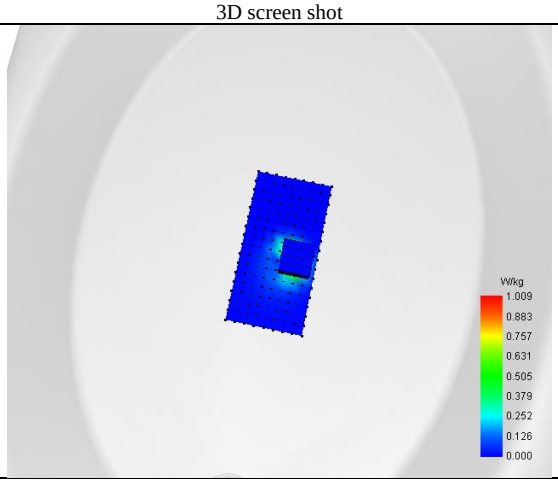
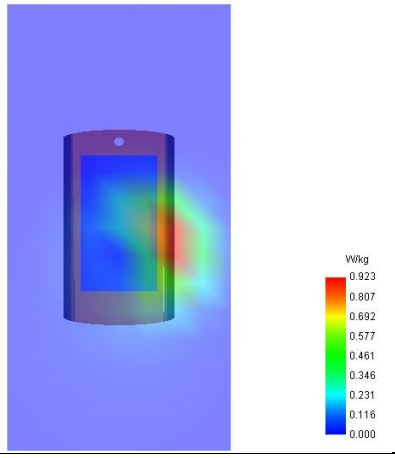
Maximum location: X=19.00, Y=-6.00 ; SAR Peak: 1.77 W/kg

SAR 10g (W/Kg)	0.384
SAR 1g (W/Kg)	0.902
Variation (%)	-5.090
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	45.535714

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.781	1.009	0.459	0.218	0.104	0.048	0.022



3D screen shot	Hot spot position
	

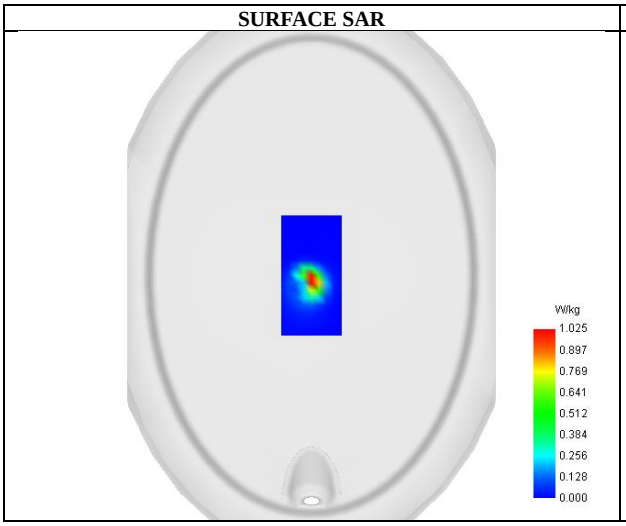
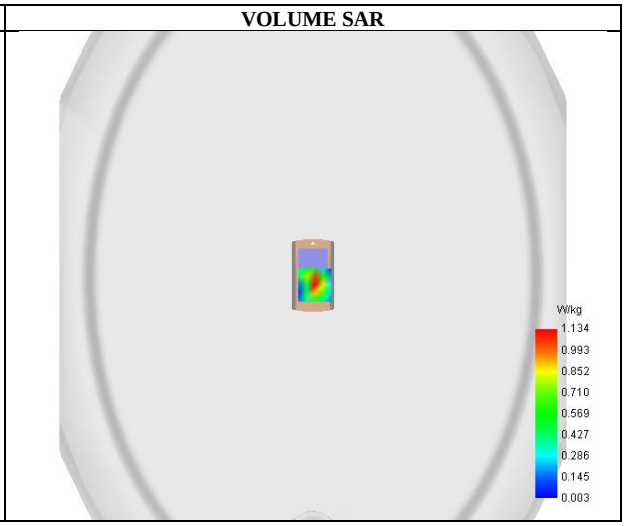
Test Laboratory: AGC Lab **Date: Jun. 09, 2025**
LTE Band 4 High-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.28; Frequency:1745 MHz; Medium parameters used: f = 1750 MHz; σ= 1.35 mho/m; εr =39.68; ρ= 1000 kg/m^3 ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 4 High-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 High-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 4
Channels	High
Signal	OFDM (Crest factor: 1.0)

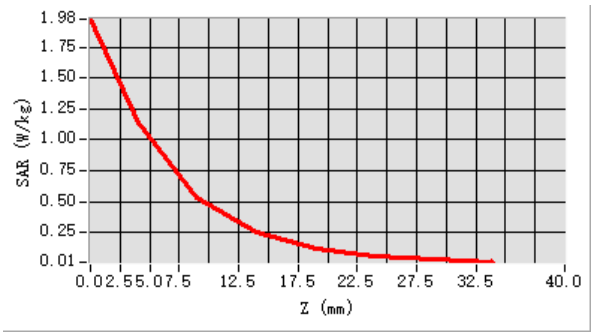
SURFACE SAR	VOLUME SAR
	

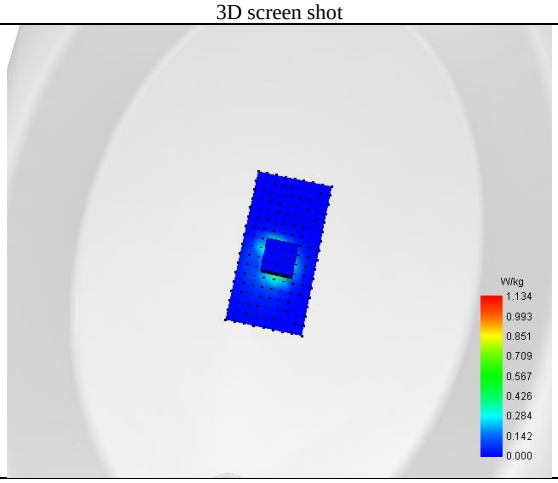
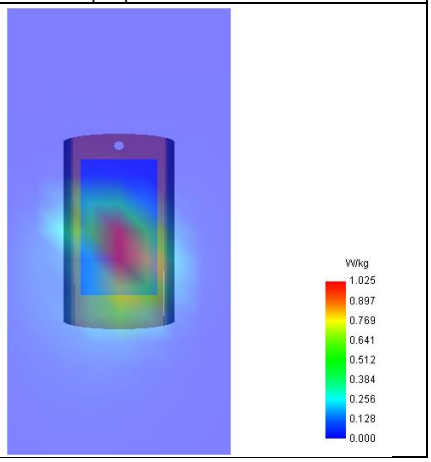
Maximum location: X=2.00, Y=-9.00 ; SAR Peak: 2.03 W/kg

SAR 10g (W/Kg)	0.445
SAR 1g (W/Kg)	1.044
Variation (%)	-3.060
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	46.462828

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.976	1.134	0.527	0.250	0.121	0.058	0.028



3D screen shot	Hot spot position
	

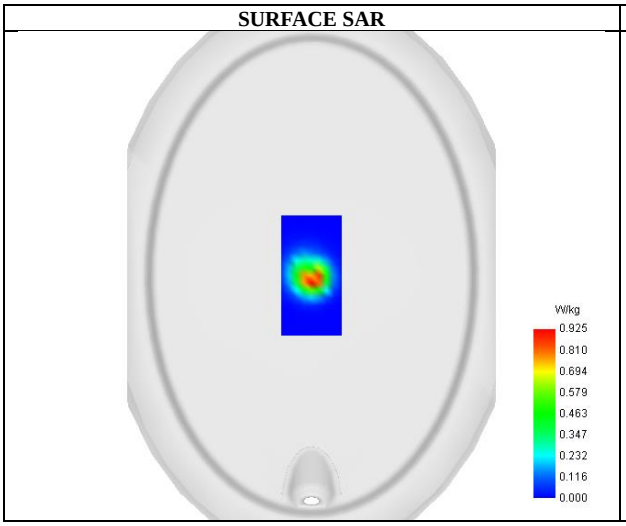
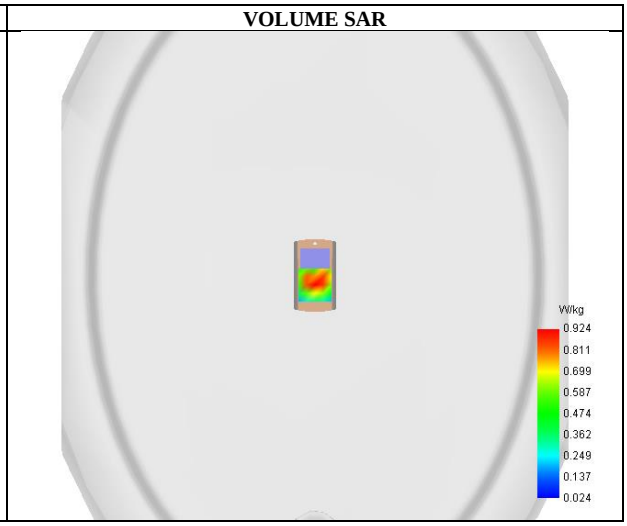
Test Laboratory: AGC Lab **Date: Jun. 08, 2025**
LTE Band 5 High-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=2.23
Frequency:844 MHz; Medium parameters used: f = 835 MHz; σ=0.94mho/m; εr =40.69; ρ= 1000 kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 5 High-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 High-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 5
Channels	High
Signal	OFDM (Crest factor: 1.0)

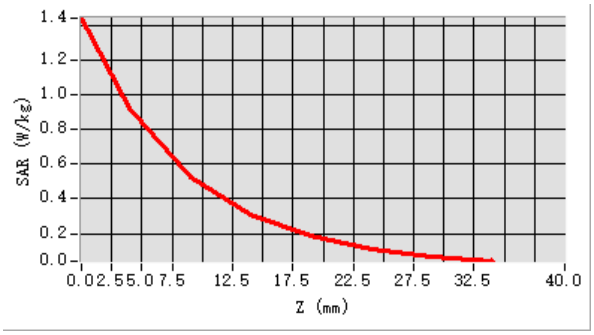
SURFACE SAR	VOLUME SAR
	

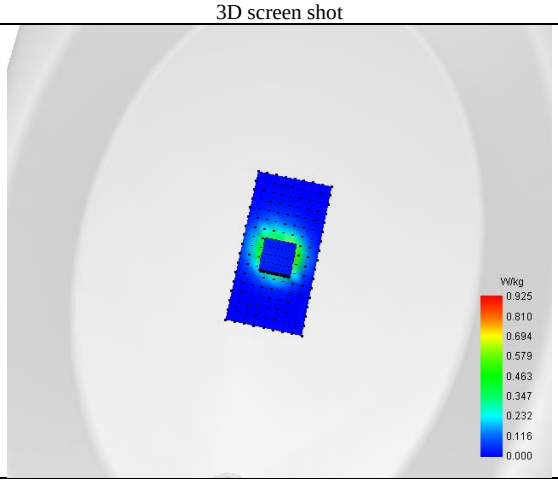
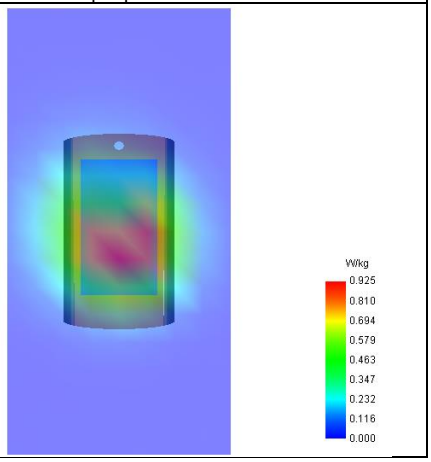
Maximum location: X=0.00, Y=-9.00 ; SAR Peak: 1.46 W/kg

SAR 10g (W/Kg)	0.482
SAR 1g (W/Kg)	0.879
Variation (%)	-1.890
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.632293

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.443	0.924	0.523	0.306	0.188	0.113	0.069



3D screen shot	Hot spot position
	

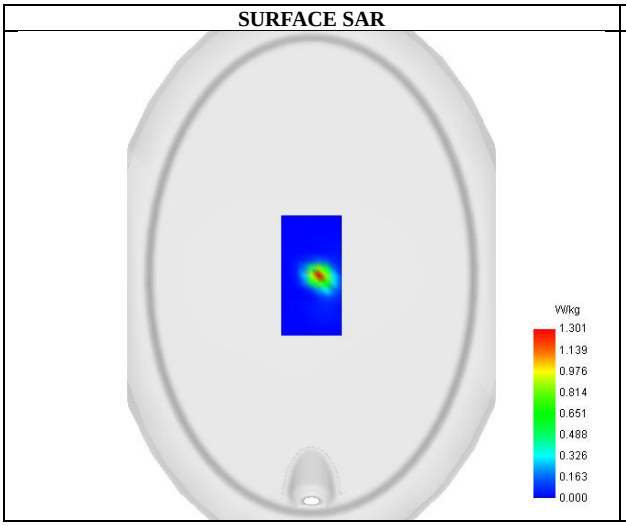
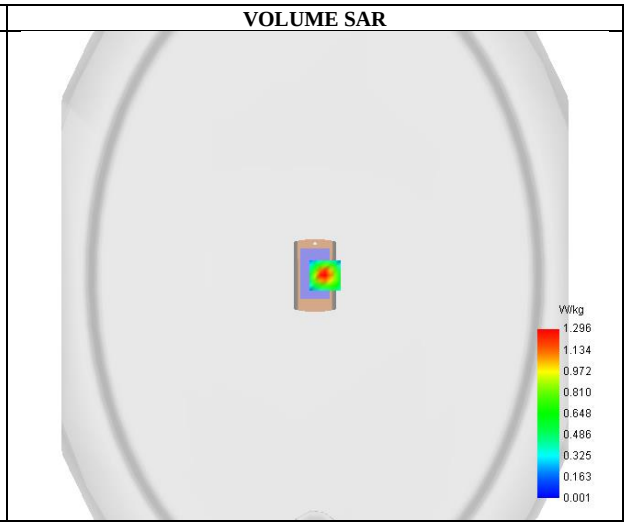
Test Laboratory: AGC Lab **Date: Jun. 15, 2025**
LTE Band 7 Mid-Body-Edge 1 (Top) (1RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=2.19
Frequency: 2535MHz; Medium parameters used: f =2600 MHz; σ=1.91 mho/m; ε_r =39.76; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE BAND 7 Mid-Body-Edge 1 (Top) /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 7 Mid-Body-Edge 1 (Top) /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE BAND 7
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

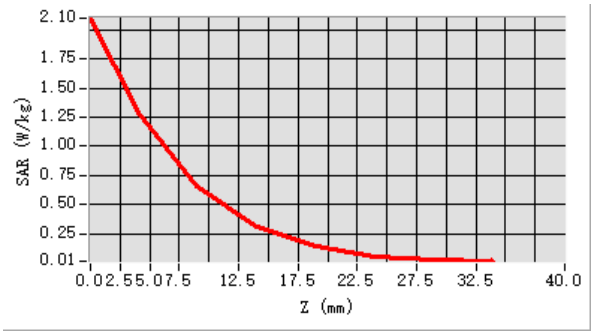
SURFACE SAR	VOLUME SAR
	

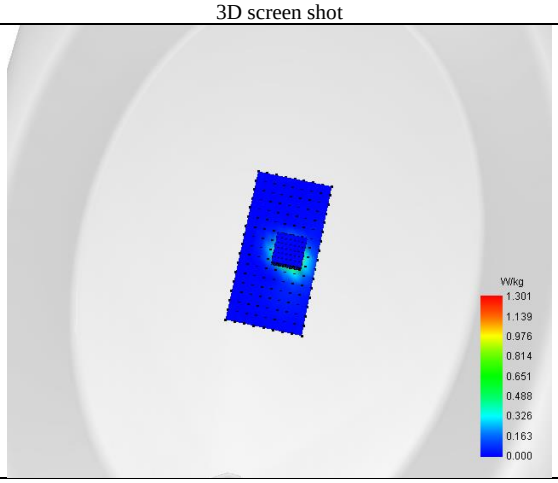
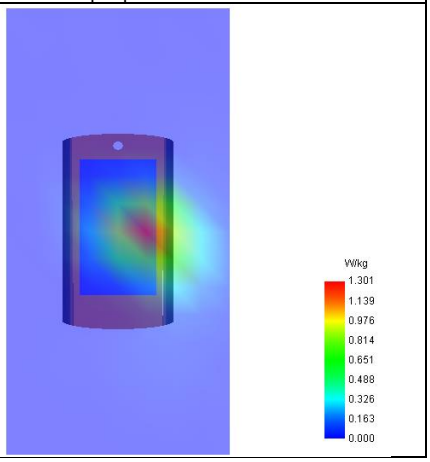
Maximum location: X=10.00, Y=0.00 ; SAR Peak: 2.13 W/kg

SAR 10g (W/Kg)	0.525
SAR 1g (W/Kg)	1.181
Variation (%)	-8.610
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	50.940893

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	2.102	1.296	0.660	0.309	0.140	0.057	0.028



3D screen shot	Hot spot position
	

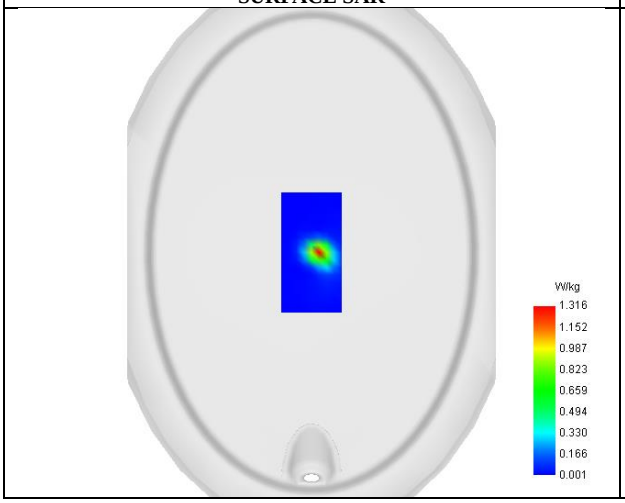
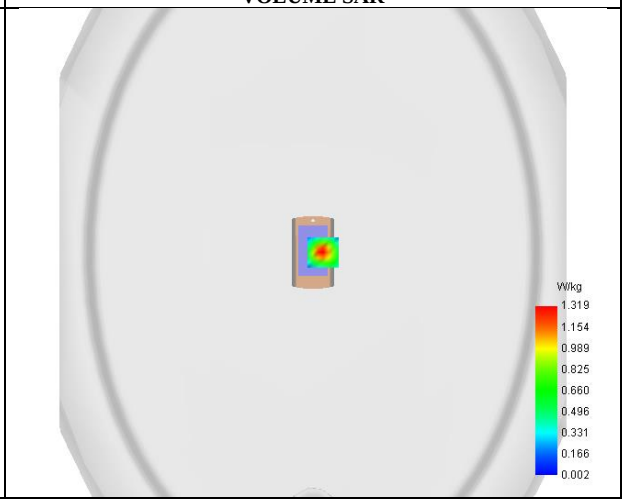
Test Laboratory: AGC Lab **Date: Jun. 15, 2025**
LTE Band 7 High-Body-Edge 1 (Top) (1RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=2.19
Frequency: 2560MHz; Medium parameters used: f =2600 MHz; σ=1.93 mho/m; εr =39.41; ρ= 1000 kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE BAND 7 High-Body-Edge 1 (Top) /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 7 High-Body-Edge 1 (Top) /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE BAND 7
Channels	High
Signal	OFDM (Crest factor: 1.0)

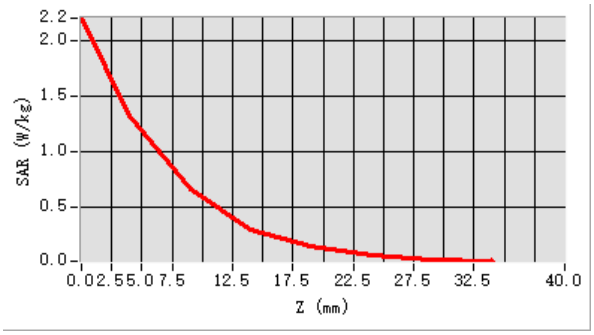
SURFACE SAR	VOLUME SAR
	

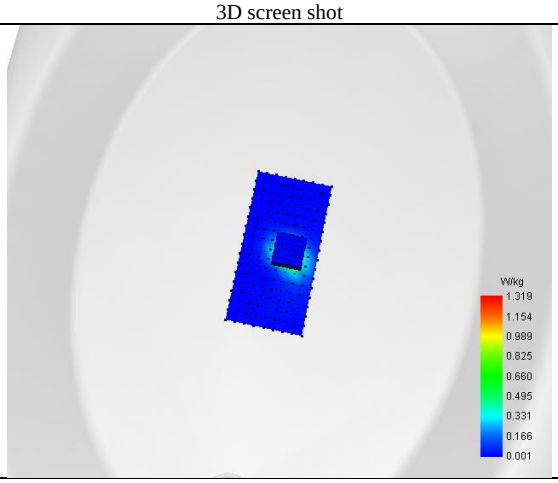
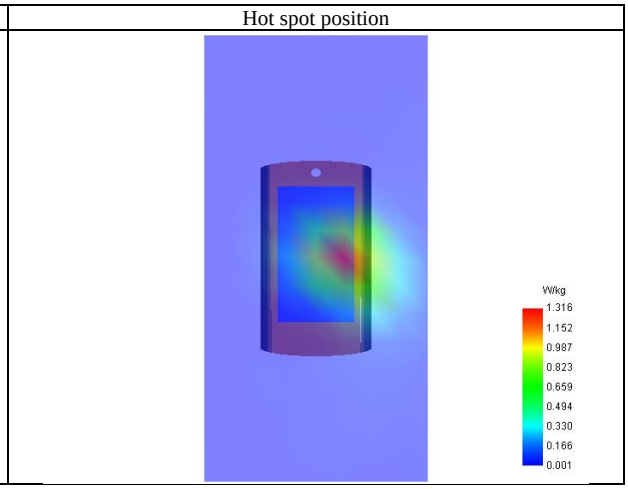
Maximum location: X=10.00, Y=0.00 ; SAR Peak: 2.22 W/kg

SAR 10g (W/Kg)	0.530
SAR 1g (W/Kg)	1.199
Variation (%)	-14.160
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	49.909288

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	2.198	1.319	0.658	0.297	0.144	0.066	0.023



3D screen shot	Hot spot position
	

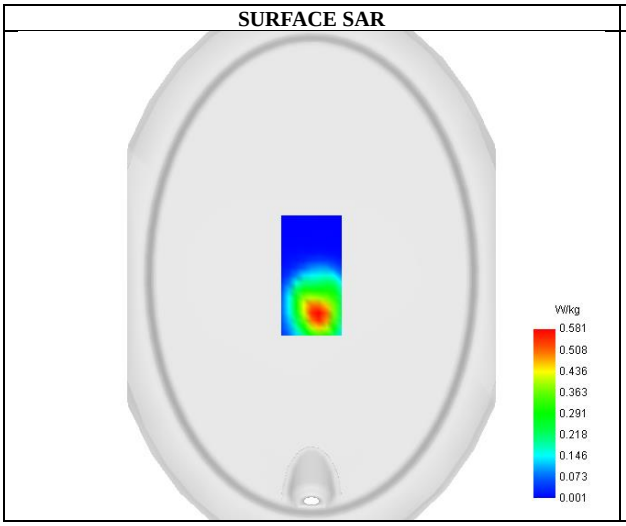
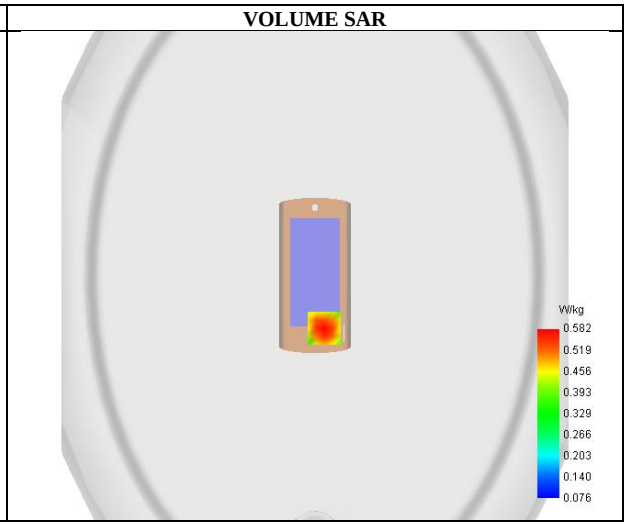
Test Laboratory: AGC Lab **Date: Jun. 26, 2025**
LTE Band 12 Mid-Body-Back (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=2.30; Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz; σ=0.85 mho/m; εr =43.01; ρ= 1000 kg/m^3 ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 12 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 12 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 12
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

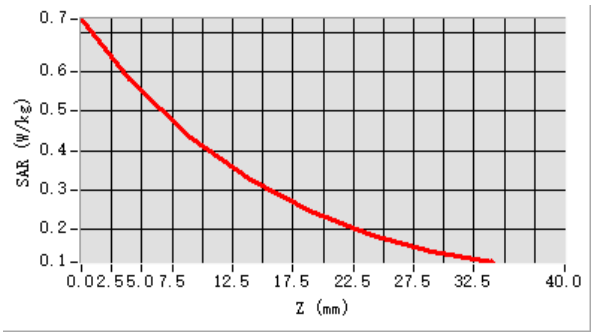
SURFACE SAR	VOLUME SAR
	

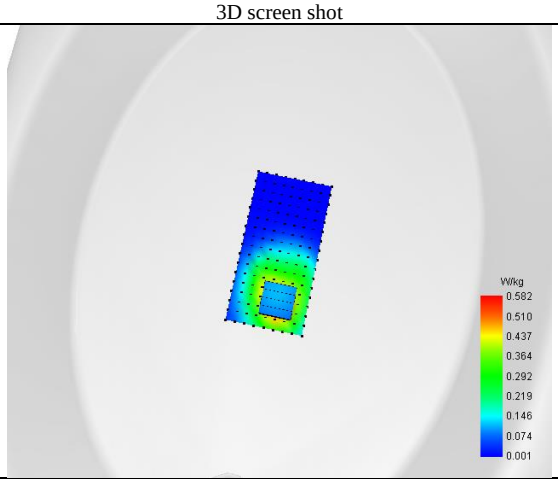
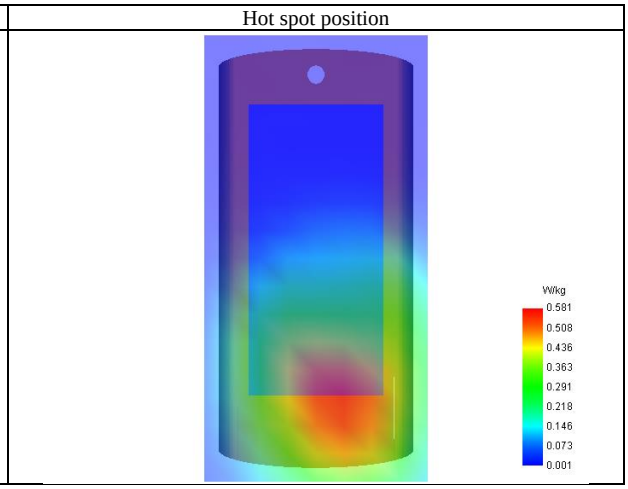
Maximum location: X=9.00, Y=-51.00 ; SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.404
SAR 1g (W/Kg)	0.574
Variation (%)	-2.160
Horizontal validation criteria: minimum distance (mm)	-1.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	74.607577

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	0.736	0.582	0.434	0.327	0.245	0.186	0.143



3D screen shot	Hot spot position
	

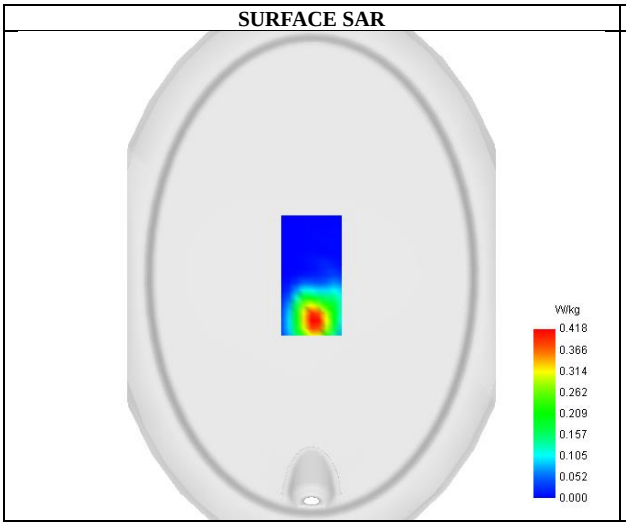
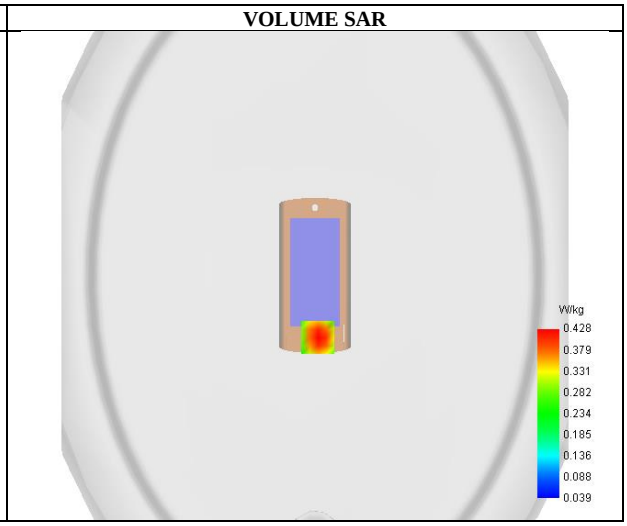
Test Laboratory: AGC Lab **Date: Jun. 26, 2025**
LTE Band 13 Mid-Body-Back (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=2.30; Frequency: 782 MHz; Medium parameters used: f = 750 MHz; σ=0.90 mho/m; εr =41.86; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 13 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 13 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

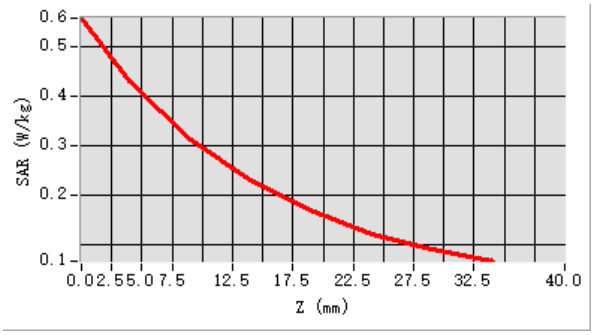
SURFACE SAR	VOLUME SAR
	

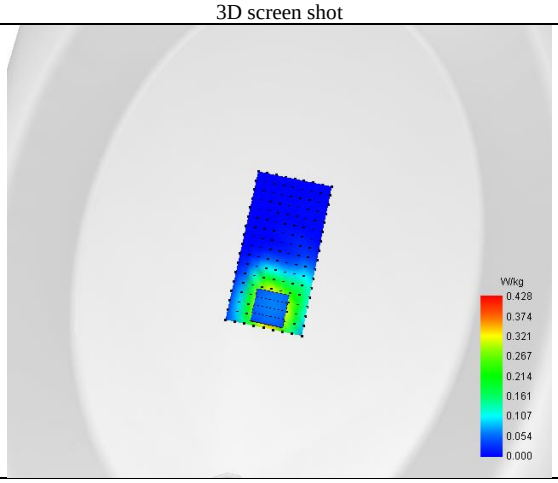
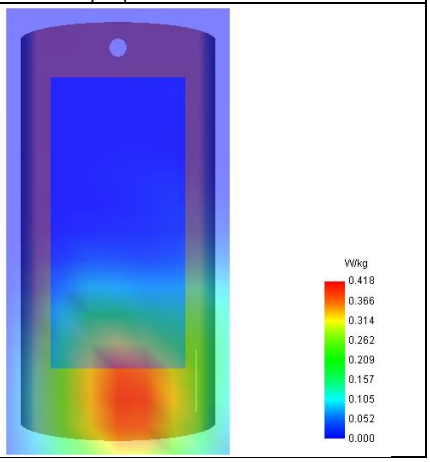
Maximum location: X=3.00, Y=-60.00 ; SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.283
SAR 1g (W/Kg)	0.413
Variation (%)	-0.160
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	72.525092

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	0.557	0.428	0.310	0.229	0.169	0.121	0.089



3D screen shot	Hot spot position
	

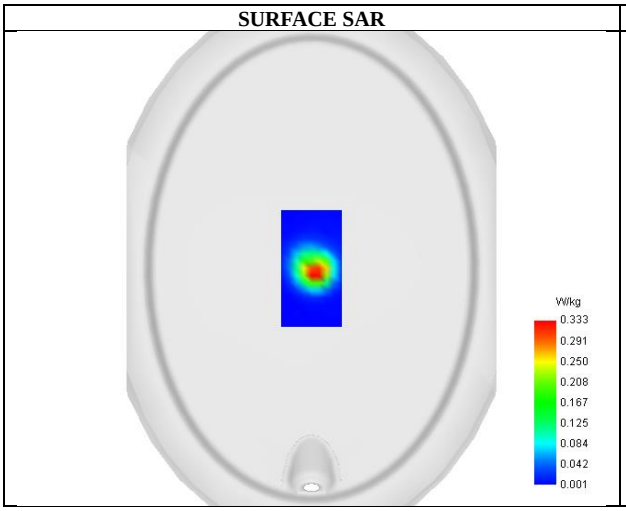
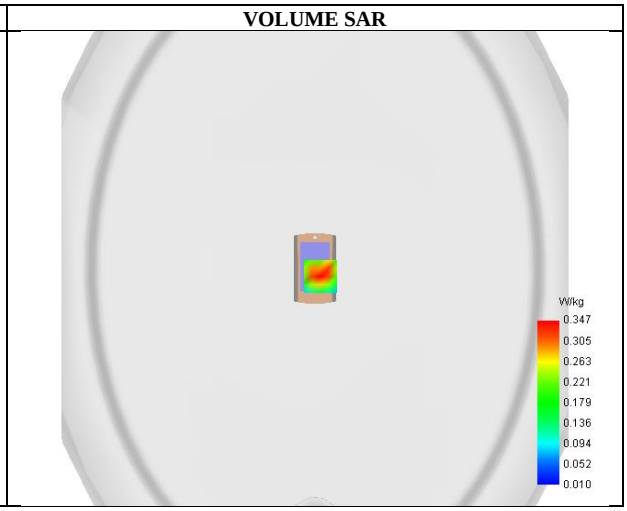
Test Laboratory: AGC Lab **Date: Jun. 26, 2025**
LTE Band 14 Mid-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 14; Duty Cycle:1:1; Conv.F=2.30; Frequency: 793 MHz; Medium parameters used: f = 750 MHz; σ=0.91 mho/m; εr =41.33;ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 14 Mid-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 14 Mid-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 14
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

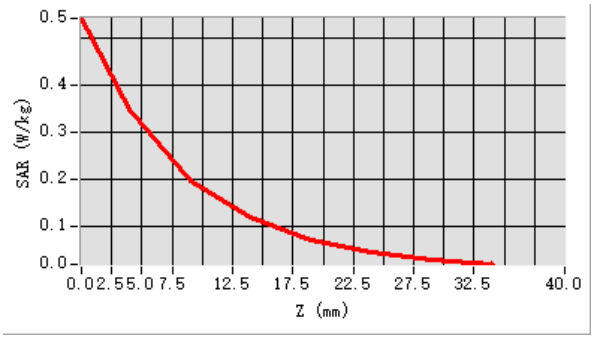
SURFACE SAR	VOLUME SAR
	

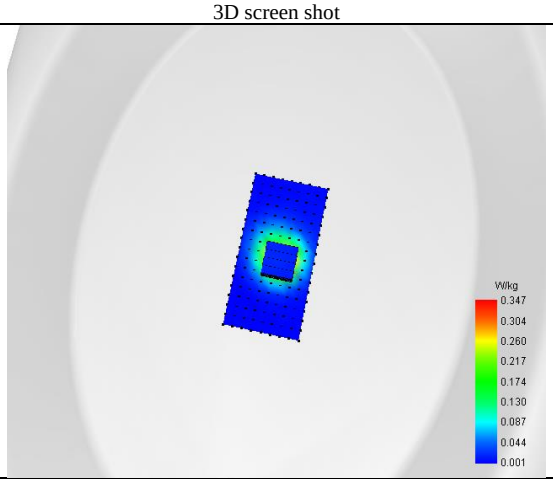
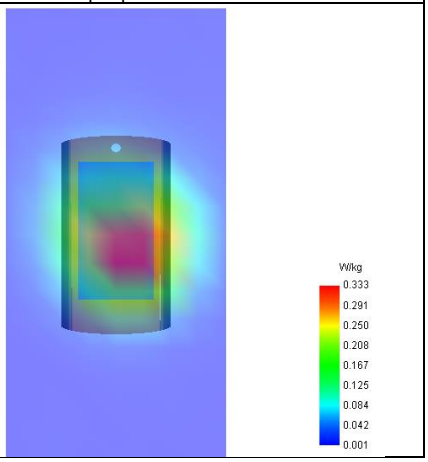
Maximum location: X=5.00, Y=-8.00 ; SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.183
SAR 1g (W/Kg)	0.331
Variation (%)	-3.730
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.893367

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	0.540	0.347	0.197	0.118	0.071	0.046	0.028



3D screen shot	Hot spot position
	

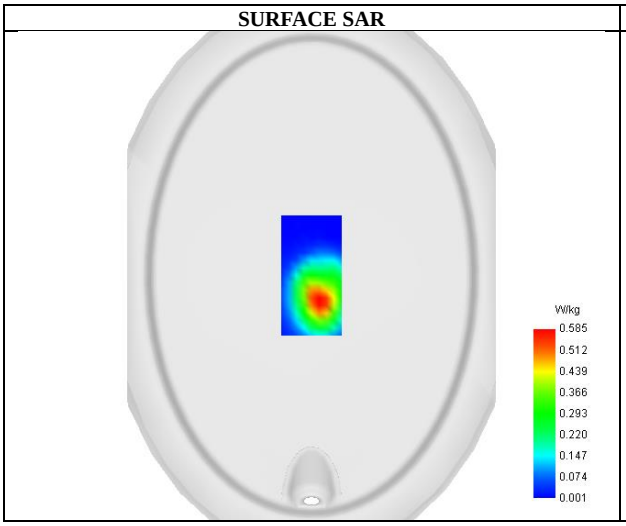
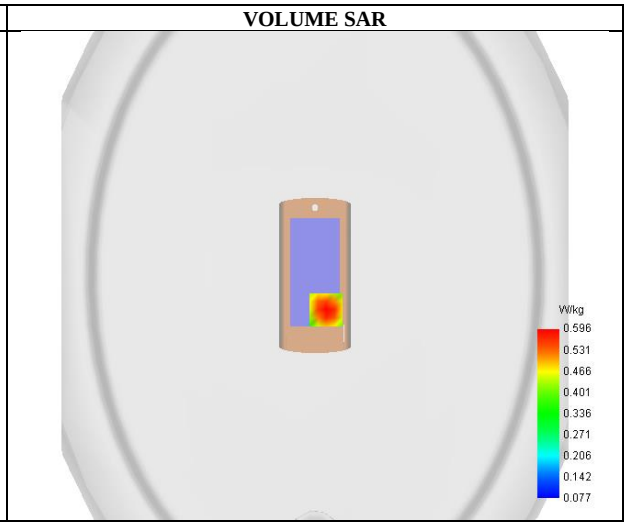
Test Laboratory: AGC Lab **Date: Jun. 26, 2025**
LTE Band 17 High-Body-Back (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=2.30; Frequency: 711 MHz; Medium parameters used: f = 750 MHz; σ=0.87 mho/m; εr =42.36; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 17 High-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 17 High-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 17
Channels	High
Signal	OFDM (Crest factor: 1.0)

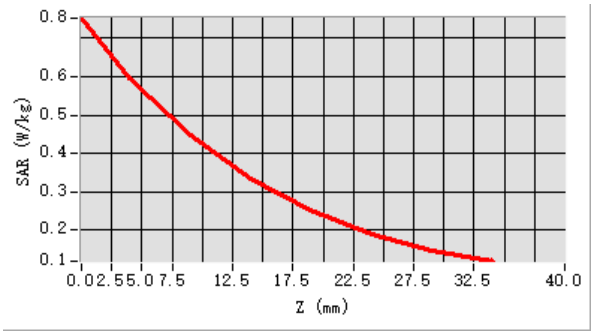
SURFACE SAR	VOLUME SAR
	

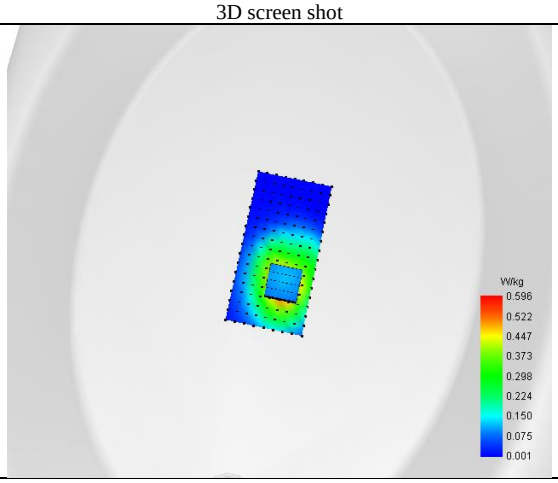
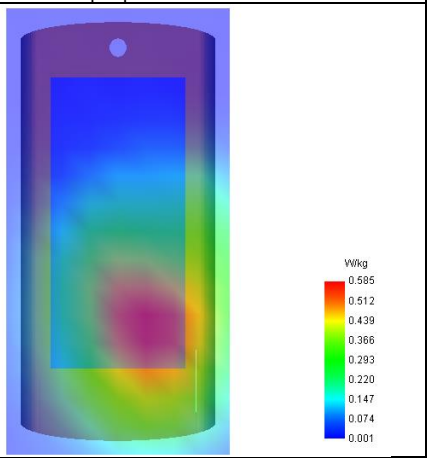
Maximum location: X=11.00, Y=-33.00 ; SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	0.413
SAR 1g (W/Kg)	0.587
Variation (%)	-4.020
Horizontal validation criteria: minimum distance (mm)	-1.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	75.122748

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	0.752	0.596	0.448	0.333	0.253	0.190	0.146



3D screen shot	Hot spot position
	

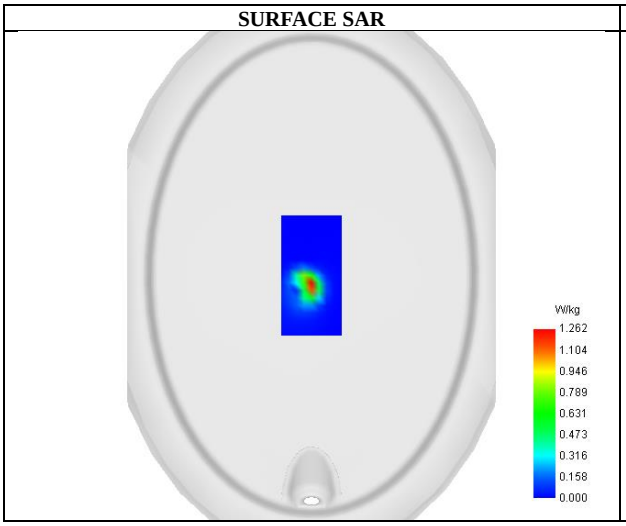
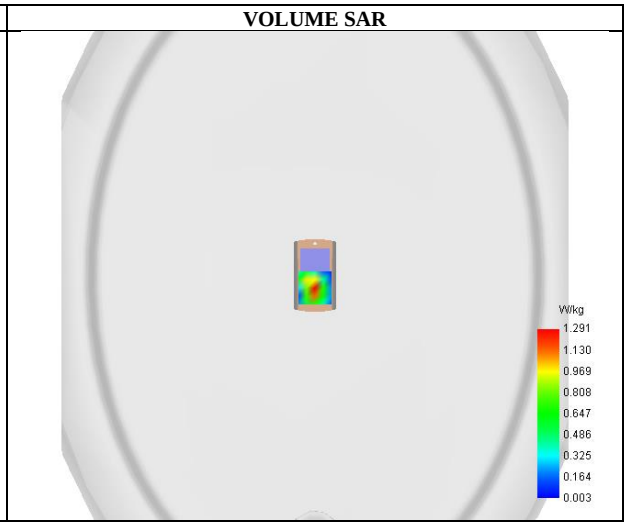
Test Laboratory: AGC Lab **Date: Jun. 10, 2025**
LTE Band 25 High-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle:1:1; Conv.F=2.25; Frequency:1905MHz; Medium parameters used: f = 1900 MHz; σ= 1.37 mho/m; εr =38.76; ρ= 1000 kg/m^3 ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 25 High-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 25 High-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 25
Channels	High
Signal	OFDM (Crest factor: 1.0)

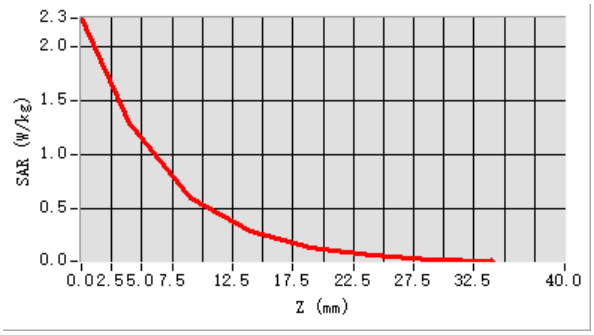
SURFACE SAR	VOLUME SAR
	

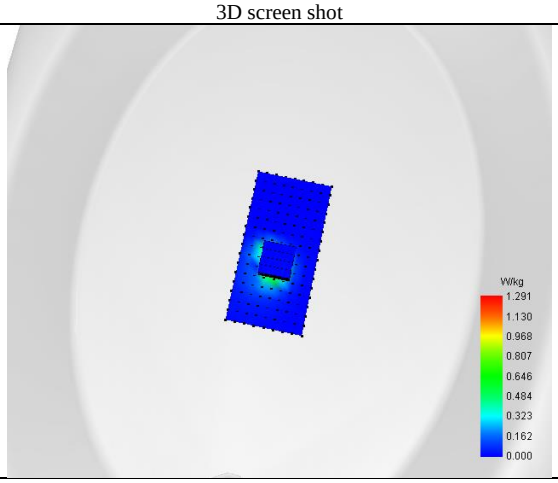
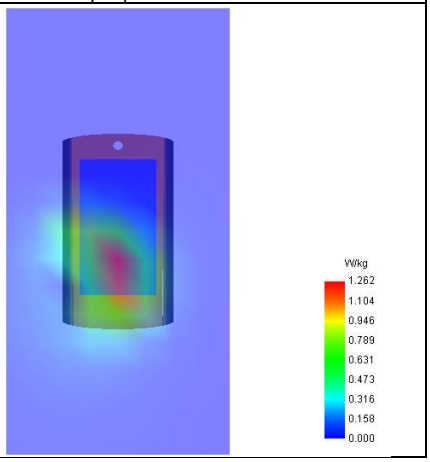
Maximum location: X=0.00, Y=-12.00 ; SAR Peak: 2.25 W/kg

SAR 10g (W/Kg)	0.503
SAR 1g (W/Kg)	1.163
Variation (%)	-1.230
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	45.899539

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	2.271	1.291	0.593	0.286	0.138	0.066	0.030



3D screen shot	Hot spot position
	

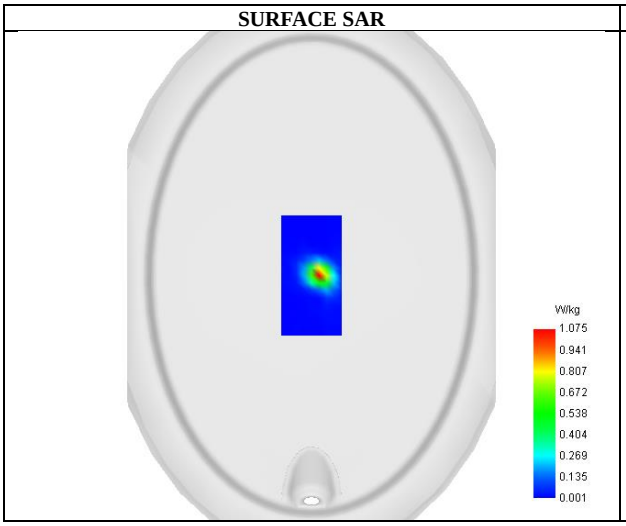
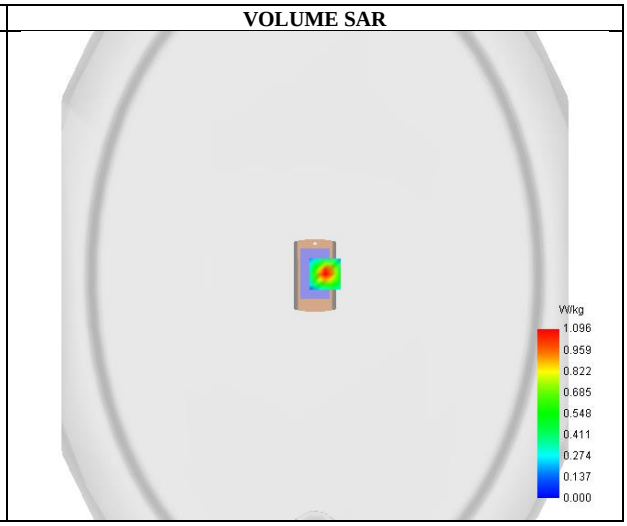
Test Laboratory: AGC Lab **Date: Jun. 15, 2025**
LTE Band 38 Mid-Body-Edge 1 (Top) (1RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2595MHz; Medium parameters used: f =2600 MHz; σ=1.94 mho/m; εr =38.76; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE BAND 38 Mid-Body-Edge 1 (Top) /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 38 Mid-Body-Edge 1 (Top) /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE BAND 38
Channels	Middle
Signal	Crest factor: 1.58

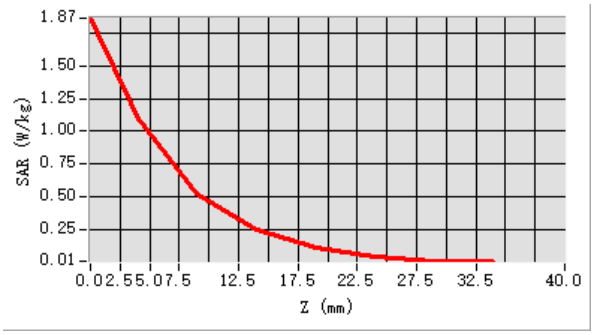
SURFACE SAR	VOLUME SAR
	

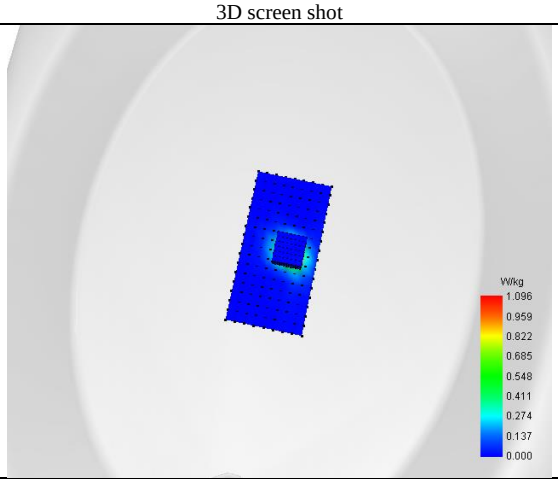
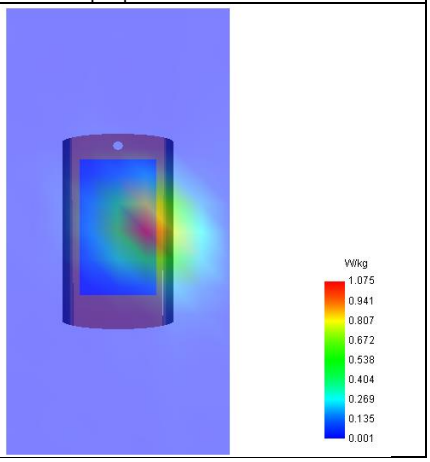
Maximum location: X=10.00, Y=1.00 ; SAR Peak: 1.86 W/kg

SAR 10g (W/Kg)	0.434
SAR 1g (W/Kg)	0.995
Variation (%)	7.200
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	48.089813

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.865	1.096	0.527	0.242	0.111	0.039	0.011



3D screen shot	Hot spot position
	

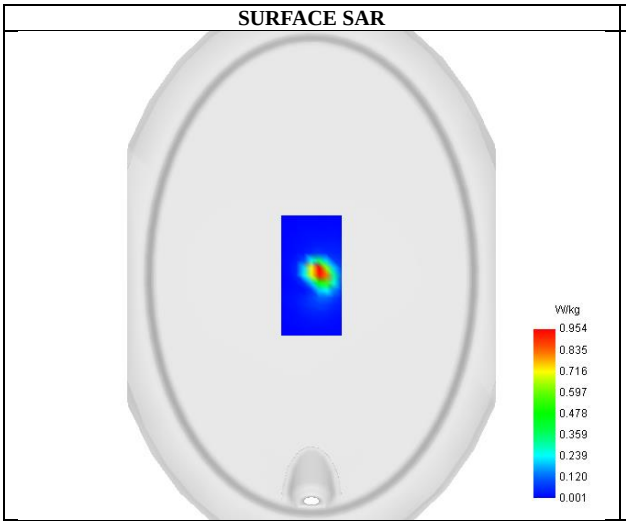
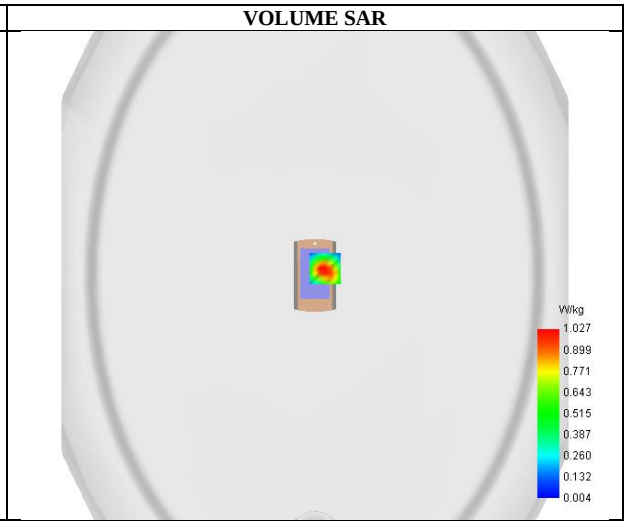
Test Laboratory: AGC Lab **Date: Jun. 11, 2025**
LTE Band 40- Lower Side Mid-Body- Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58; Conv.F=2.37
Frequency: 2310 MHz; Medium parameters used: f = 2300 MHz; σ=1.73 mho/m; εr =38.26; ρ= 1000 kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 40- Lower Side Mid-Body- Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 40- Lower Side Mid-Body- Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

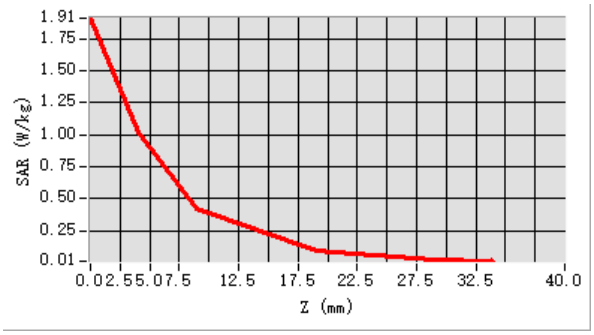
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58

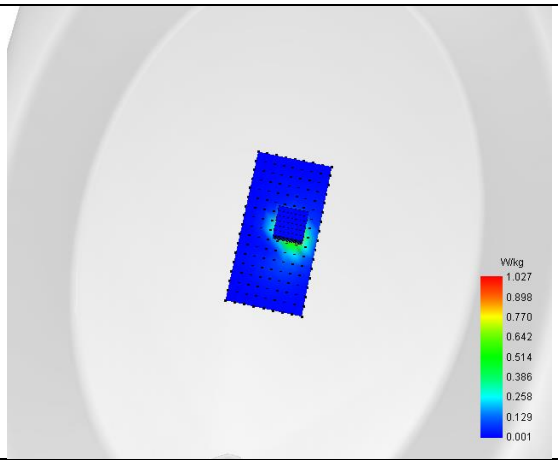
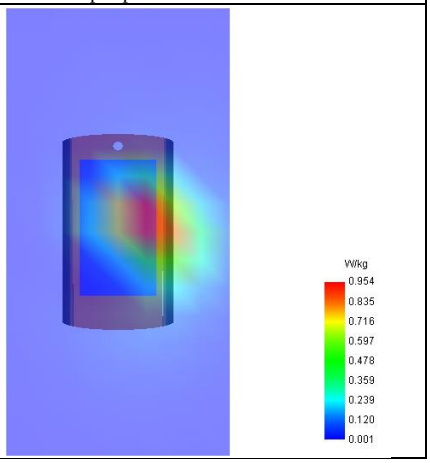
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=7.00 ; SAR Peak: 1.69 W/kg

SAR 10g (W/Kg)	0.440
SAR 1g (W/Kg)	0.954
Variation (%)	-2.990
Horizontal validation criteria: minimum distance (mm)	10.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.045948

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.911	1.027	0.417	0.255	0.094	0.060	0.023



3D screen shot	Hot spot position
	

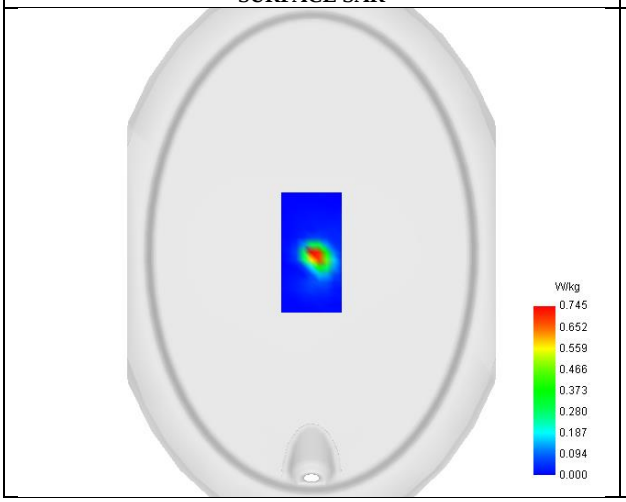
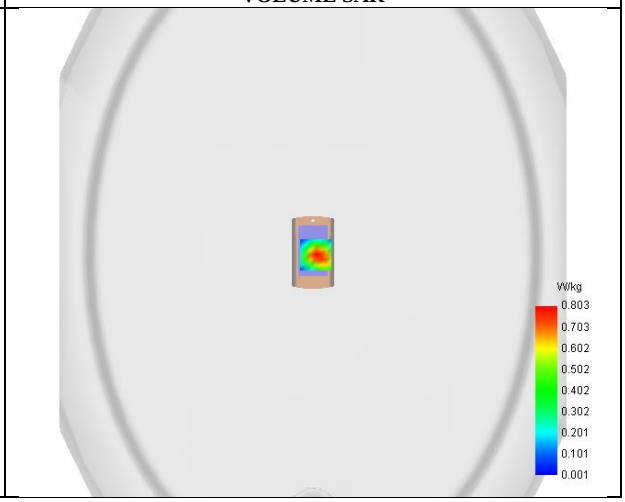
Test Laboratory: AGC Lab **Date: Jun. 11, 2025**
LTE Band 40-Upper Side Mid-Body- Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58; Conv.F=2.37
Frequency: 2355 MHz; Medium parameters used: f = 2300 MHz; σ=1.74 mho/m; εr =37.95; ρ= 1000 kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 40-Upper Side Mid-Body- Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 40-Upper Side Mid-Body- Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

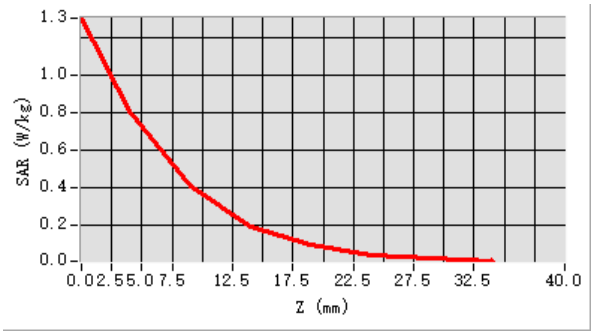
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58

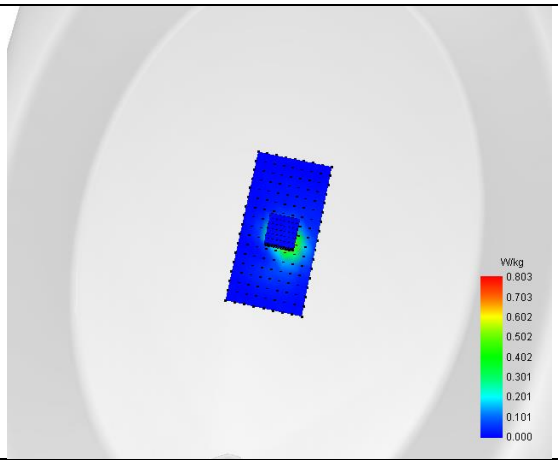
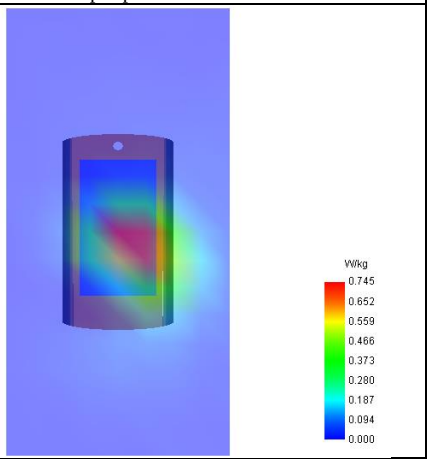
SURFACE SAR	VOLUME SAR
	

Maximum location: X=3.00, Y=-2.00 ; SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.338
SAR 1g (W/Kg)	0.731
Variation (%)	2.730
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	50.686350

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.302	0.803	0.407	0.192	0.091	0.036	0.025



3D screen shot	Hot spot position
	

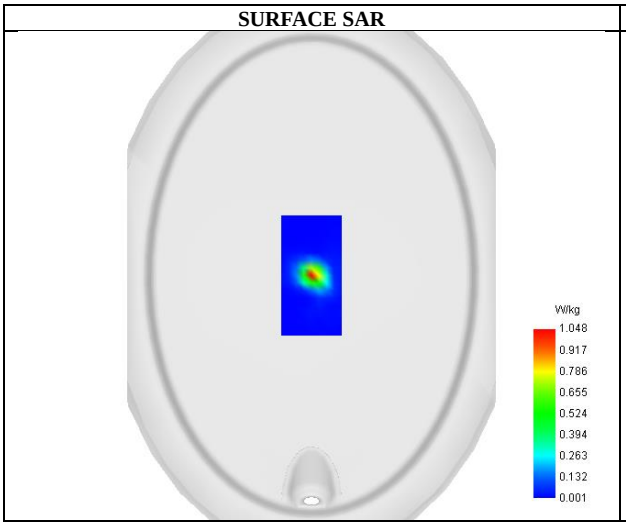
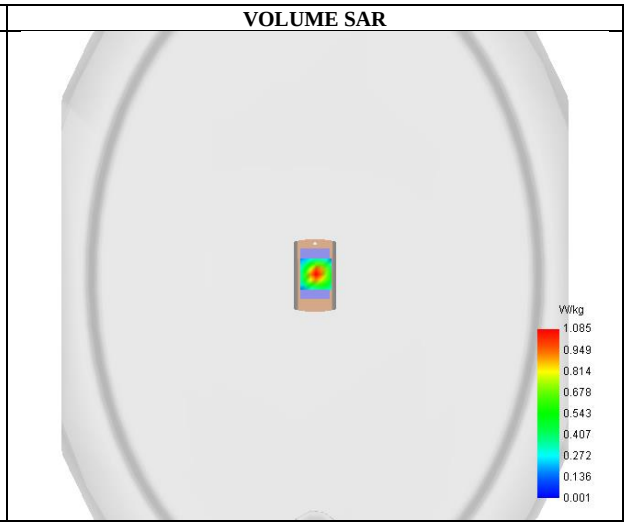
Test Laboratory: AGC Lab **Date: Jun. 15, 2025**
LTE Band 41 Mid-Body-Edge 1 (Top)(1RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2593MHz; Medium parameters used: f =2600 MHz; σ=1.94 mho/m; εr =38.92; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE BAND 41 Mid-Body-Edge 1 (Top) /Area Scan: Measurement grid: dx=8mm, y=8mm
Configuration/ LTE BAND 41 Mid-Body-Edge 1 (Top) /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE BAND 41
Channels	Middle
Signal	OFDM (Crest factor: 1.58)

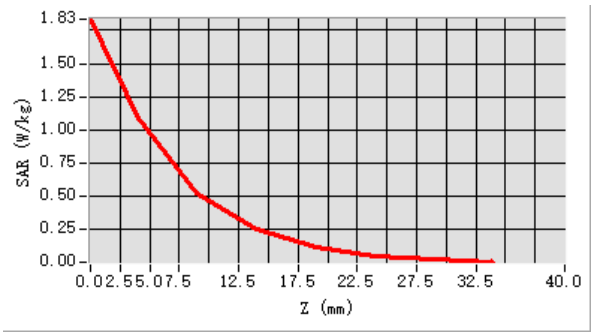
SURFACE SAR	VOLUME SAR
	

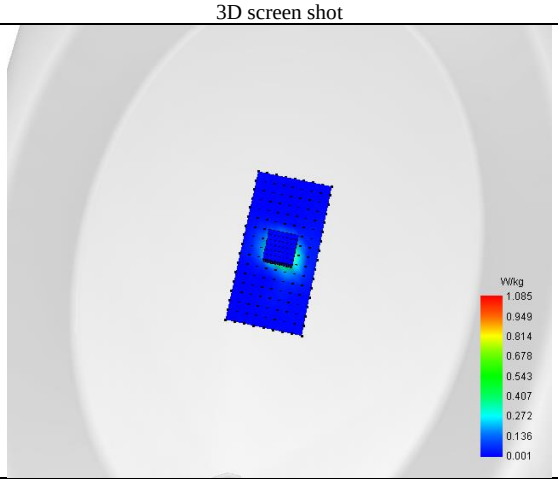
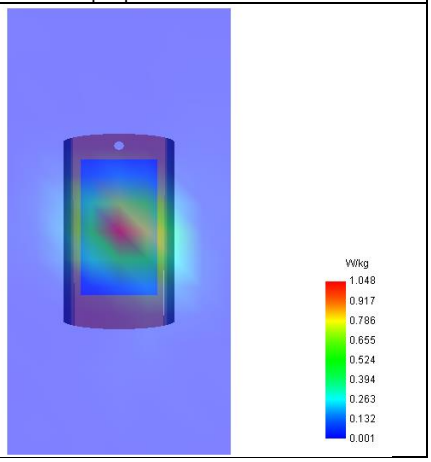
Maximum location: X=1.00, Y=1.00 ; SAR Peak: 1.83 W/kg

SAR 10g (W/Kg)	0.419
SAR 1g (W/Kg)	0.972
Variation (%)	-5.740
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	48.216555

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.834	1.085	0.523	0.247	0.113	0.050	0.022



3D screen shot	Hot spot position
	

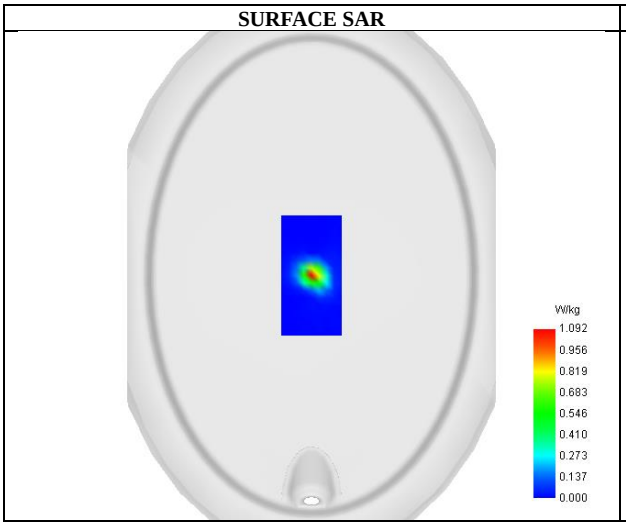
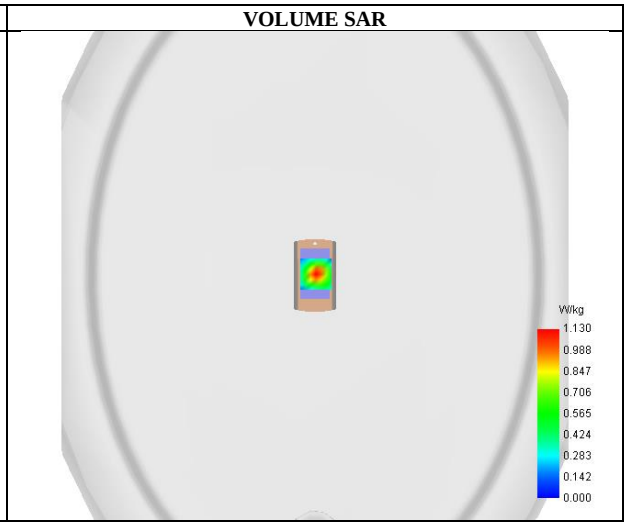
Test Laboratory: AGC Lab **Date: Jun. 15, 2025**
LTE Band 41 High-Body-Edge 1 (Top)(1RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2680MHz; Medium parameters used: f =2600 MHz; σ=1.99 mho/m; εr =38.26; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE BAND 41 High-Body-Edge 1 (Top) /Area Scan: Measurement grid: dx=8mm, y=8mm
Configuration/ LTE BAND 41 High-Body-Edge 1 (Top) /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE BAND 41
Channels	High
Signal	OFDM (Crest factor: 1.58)

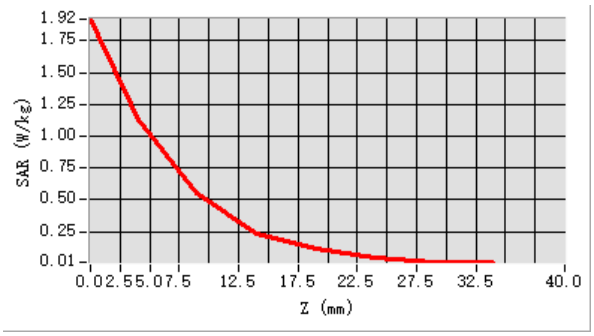
SURFACE SAR	VOLUME SAR
	

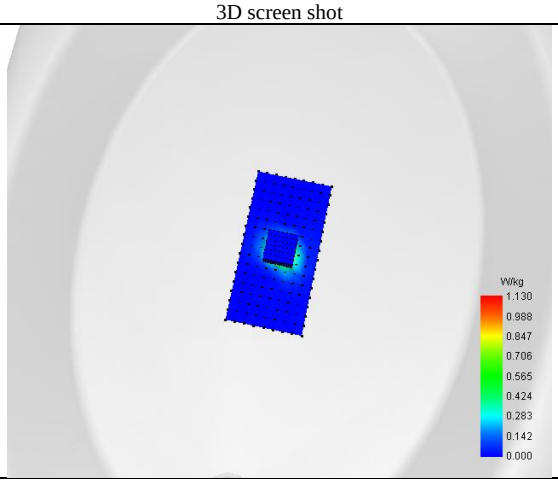
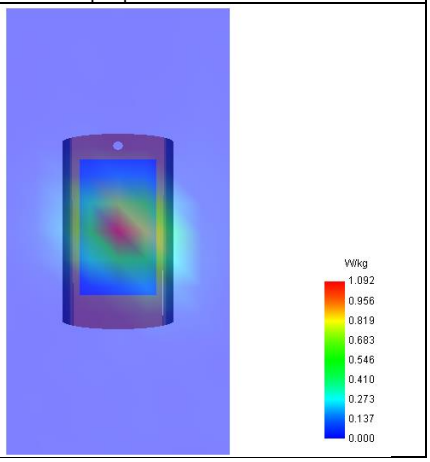
Maximum location: X=1.00, Y=1.00 ; SAR Peak: 1.90 W/kg

SAR 10g (W/Kg)	0.436
SAR 1g (W/Kg)	1.010
Variation (%)	-5.790
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	48.849933

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.920	1.130	0.552	0.239	0.116	0.047	0.010



3D screen shot	Hot spot position
	

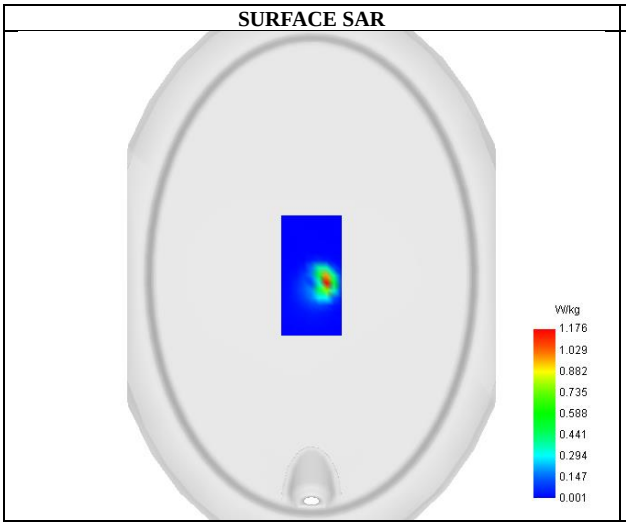
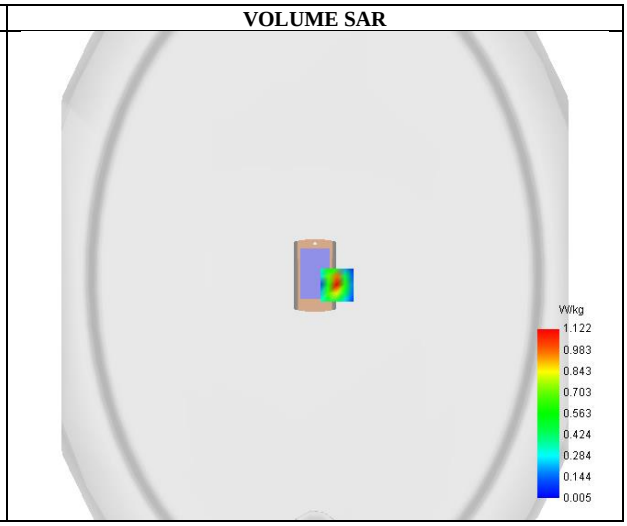
Test Laboratory: AGC Lab **Date: Jun. 09, 2025**
LTE Band 66 Mid-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.28; Frequency:1745 MHz; Medium parameters used: f = 1750 MHz; σ=1.35 mho/m; εr =39.68; ρ= 1000 kg/m^3 ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 66 Mid-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 66 Mid-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 66
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

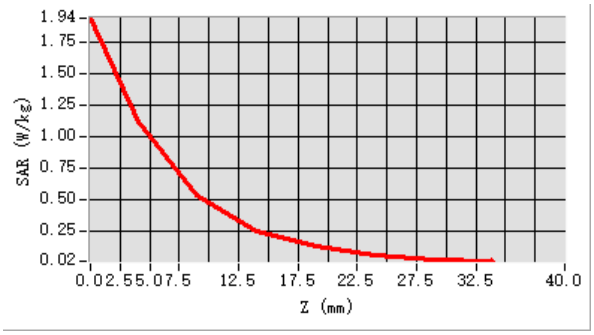
SURFACE SAR	VOLUME SAR
	

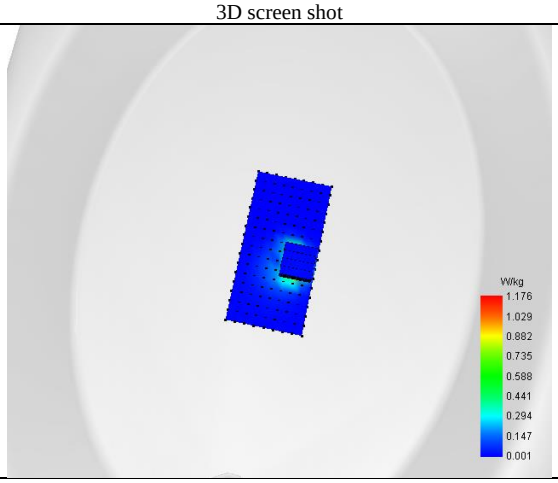
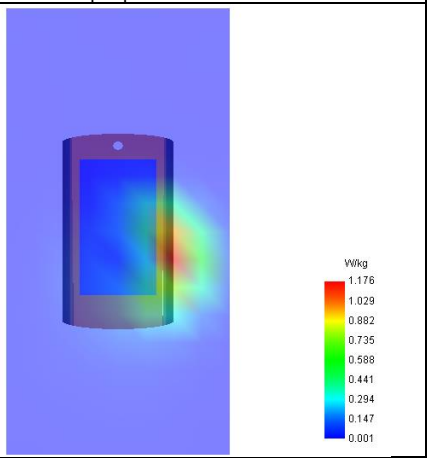
Maximum location: X=21.00, Y=-9.00 ; SAR Peak: 1.95 W/kg

SAR 10g (W/Kg)	0.431
SAR 1g (W/Kg)	1.002
Variation (%)	-2.580
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	47.713797

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.941	1.122	0.536	0.257	0.134	0.067	0.032



3D screen shot	Hot spot position
	

WIFI MODE

Test Laboratory: AGC Lab **Date: Jun. 28, 2025**
802.11b High-Body-Worn- Edge 4 (Left)
DUT: LEARNING CAMERA; Type: DEX-01

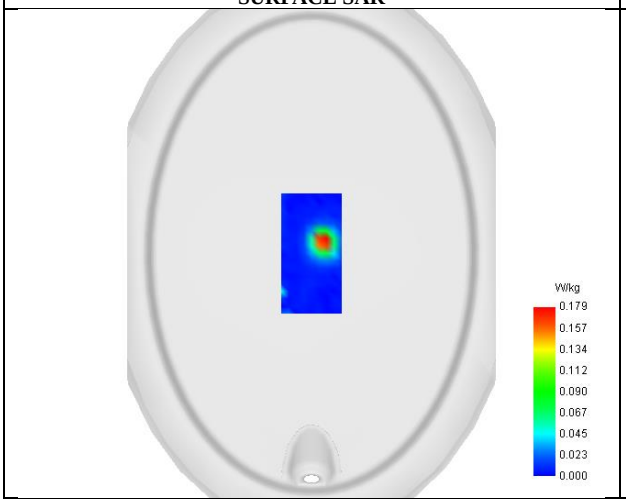
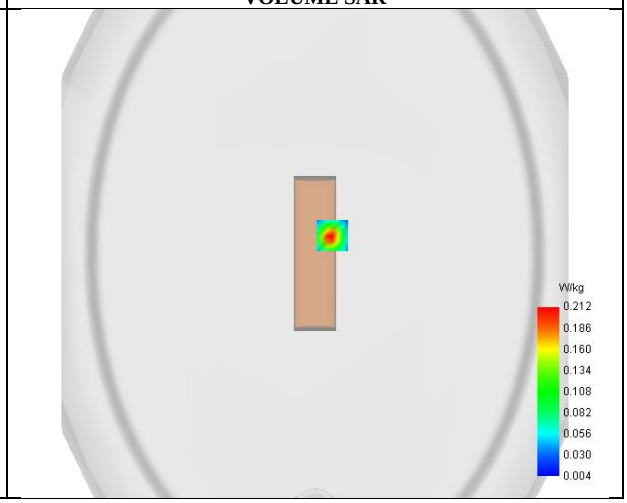
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.29; Frequency: 2462 MHz; Medium parameters used: f = 2450 MHz; σ =1.79mho/m; εr =37.89; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/802.11b High- Body- Edge 4 (Left) /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b High- Body- Edge 4 (Left) /Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm;

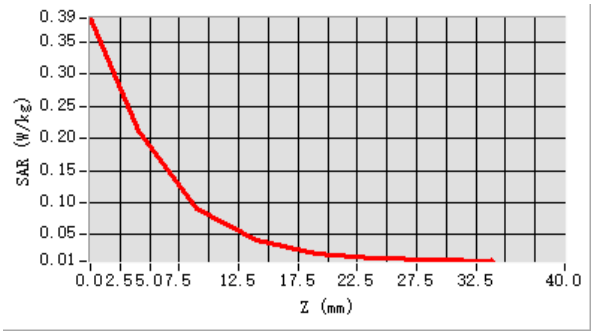
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 4 (Left)
Band	2450MHz
Channels	High
Signal	Crest factor: 1.0

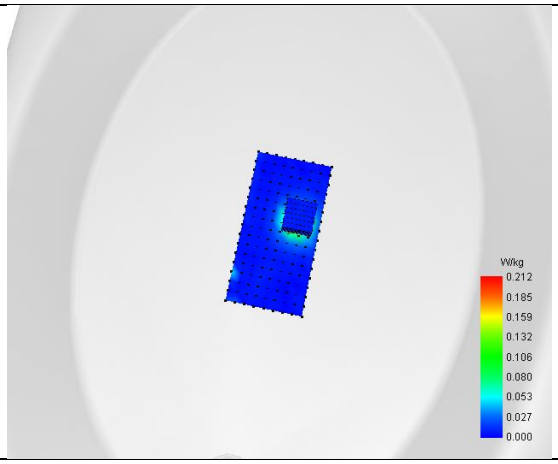
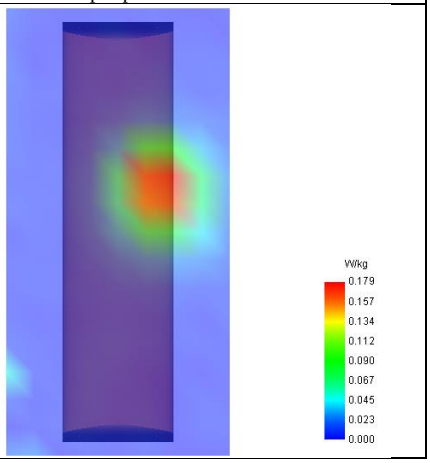
SURFACE SAR	VOLUME SAR
	

Maximum location: X=17.00, Y=17.00 ; SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.081
SAR 1g (W/Kg)	0.196
Variation (%)	-51.770
Horizontal validation criteria: minimum distance (mm)	10.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	42.442850

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.388	0.212	0.090	0.042	0.021	0.012	0.011



3D screen shot	Hot spot position
	

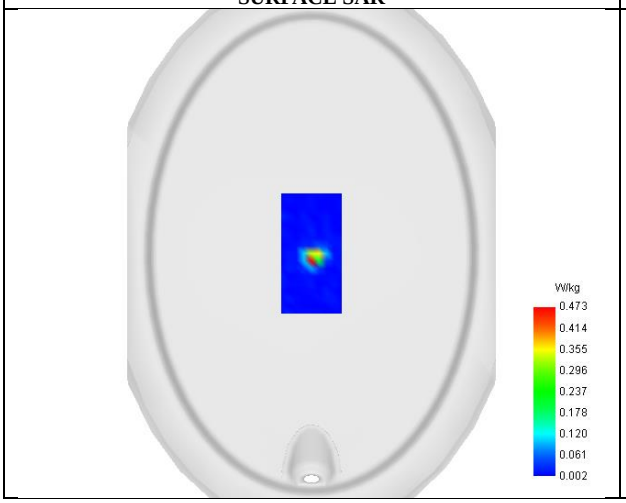
5.2GHz 802.11a
Test Laboratory: AGC Lab **Date: Jun. 29, 2025**
802.11a CH48-Edge 4 (Left)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=2.35; Frequency: 5240MHz; Medium parameters used: f = 5250 MHz; σ= 4.63mho/m; εr =34.90; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/802.11a CH48- Edge 4 (Left) /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11a CH48- Edge 4 (Left) /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

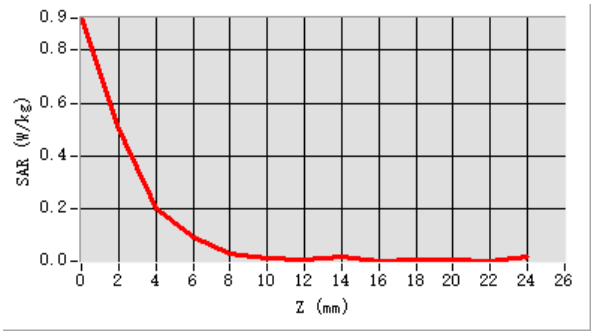
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Edge 4 (Left)
Band	5200MHz
Channels	CH48
Signal	Crest factor: 1.0

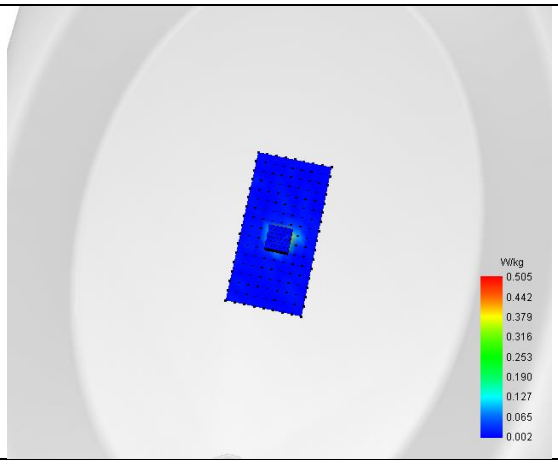
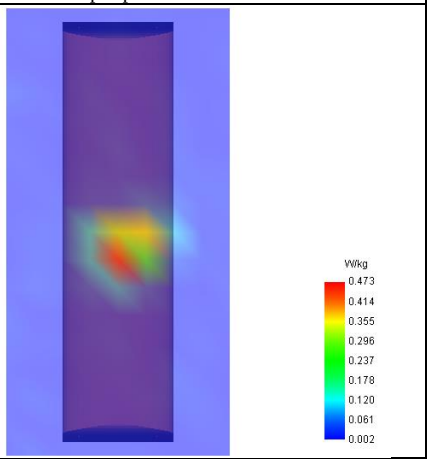
SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=-9.00 ; SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.090
SAR 1g (W/Kg)	0.278
Variation (%)	-35.530
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	44.293723

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)	0.922	0.505	0.199	0.096	0.032	0.015	0.006	0.018	0.006	0.006	0.011	0.003



3D screen shot	Hot spot position
	

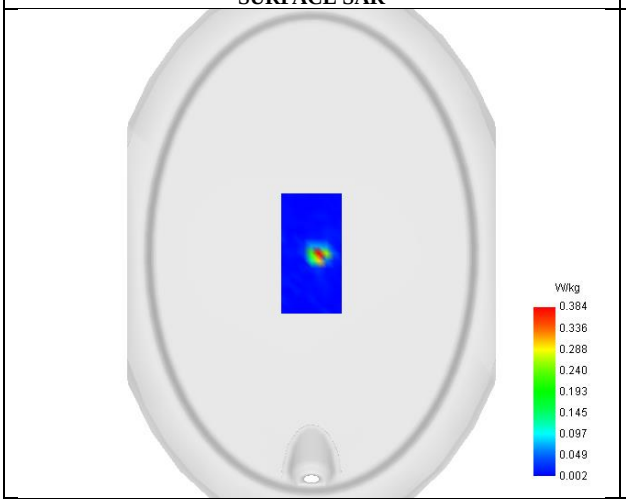
5.3GHz 802.11a
Test Laboratory: AGC Lab **Date: Jun. 27, 2025**
802.11a CH64-Edge 4 (Left)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.54; Frequency: 5320MHz; Medium parameters used: f = 5250 MHz; σ= 4.73mho/m; εr =35.76; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/802.11a CH64- Edge 4 (Left) /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11a CH64- Edge 4 (Left) /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

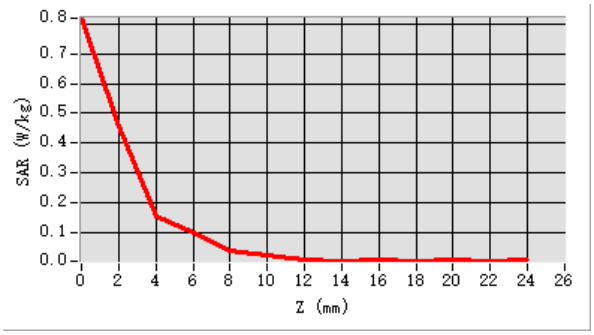
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Edge 4 (Left)
Band	5300MHz
Channels	CH64
Signal	Crest factor: 1.0

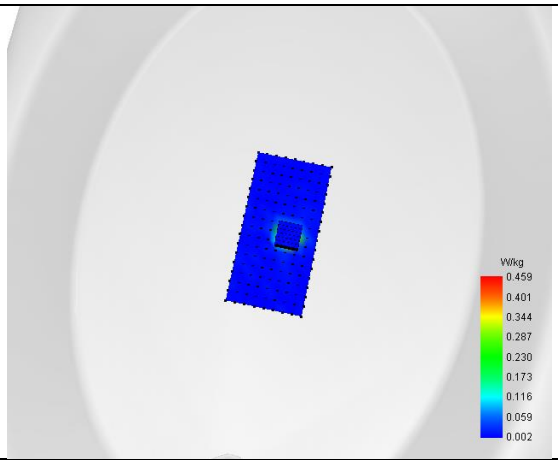
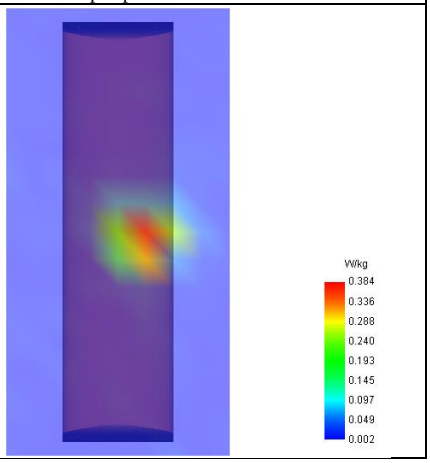
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=-3.00 ; SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.076
SAR 1g (W/Kg)	0.254
Variation (%)	59.480
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	38.832888

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)	0.820	0.459	0.154	0.100	0.037	0.023	0.010	0.006	0.006	0.003	0.006	0.003



3D screen shot	Hot spot position
	

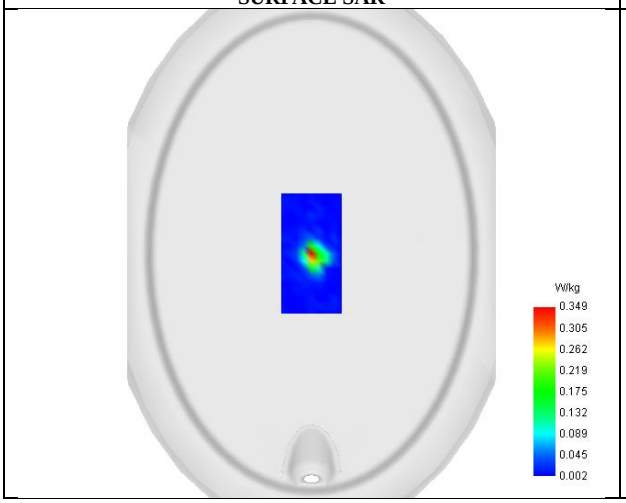
5.8GHz 802.11a
Test Laboratory: AGC Lab **Date: Jun. 30, 2025**
802.11a CH157-Edge 4 (Left)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.41; Frequency: 5785MHz; Medium parameters used: f = 5750 MHz; σ= 5.33mho/m; εr =35.61; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ 802.11a CH157- Edge 4 (Left) /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ 802.11a CH157- Edge 4 (Left) /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

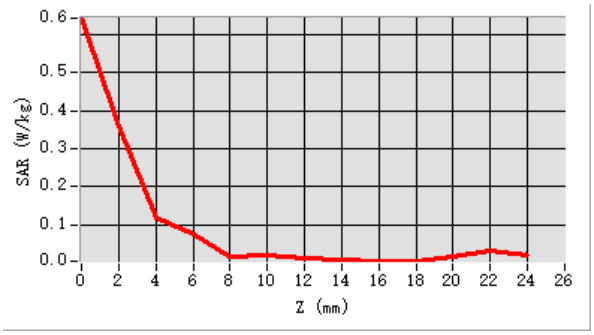
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Edge 4 (Left)
Band	5800MHz
Channels	Middle
Signal	Crest factor: 1.0

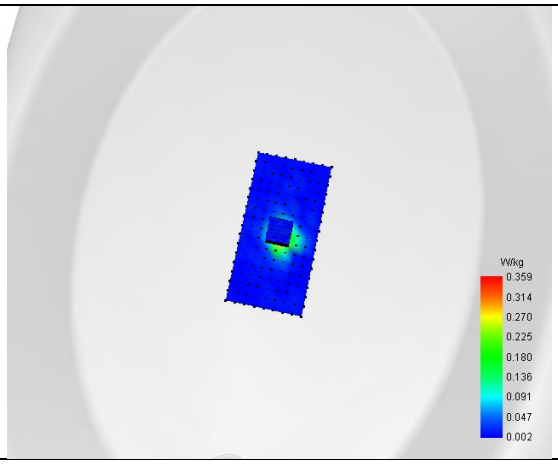
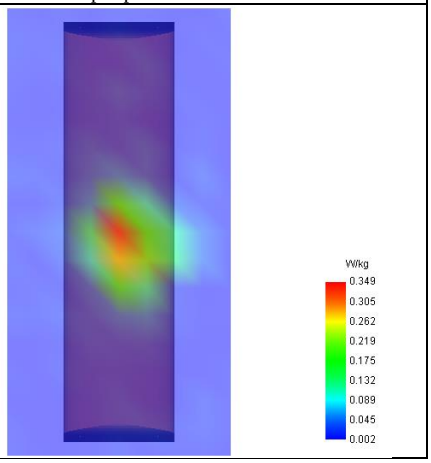
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=-1.00 ; SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.071
SAR 1g (W/Kg)	0.209
Variation (%)	-47.110
Horizontal validation criteria: minimum distance (mm)	8.944272
Vertical validation criteria: SAR ratio M2/M1 (%)	43.859991

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)	0.643	0.359	0.116	0.075	0.017	0.019	0.013	0.007	0.004	0.003	0.014	0.030



3D screen shot	Hot spot position
	

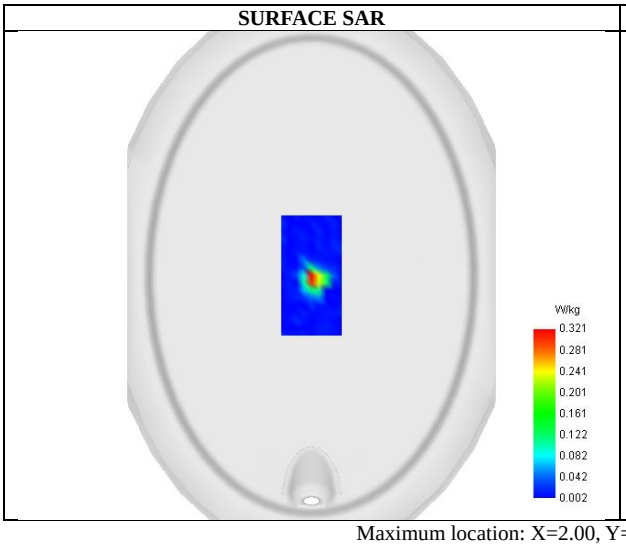
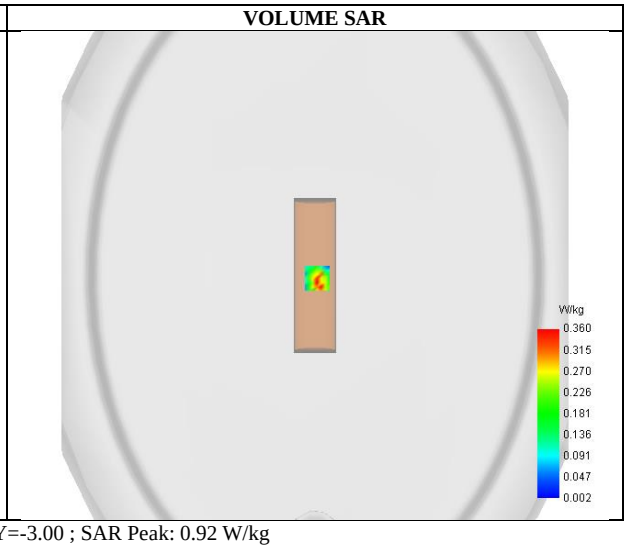
Test Laboratory: AGC Lab **Date: Jun. 30, 2025**
802.11a CH165-Edge 4 (Left)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.41; Frequency: 5825MHz; Medium parameters used: f = 5750 MHz; σ= 5.37mho/m; εr =34.68; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ 802.11a CH165- Edge 4 (Left) /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ 802.11a CH165- Edge 4 (Left) /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Edge 4 (Left)
Band	5800MHz
Channels	CH165
Signal	Crest factor: 1.0

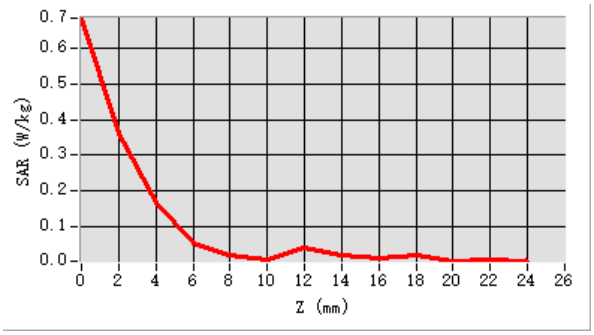
SURFACE SAR	VOLUME SAR
	

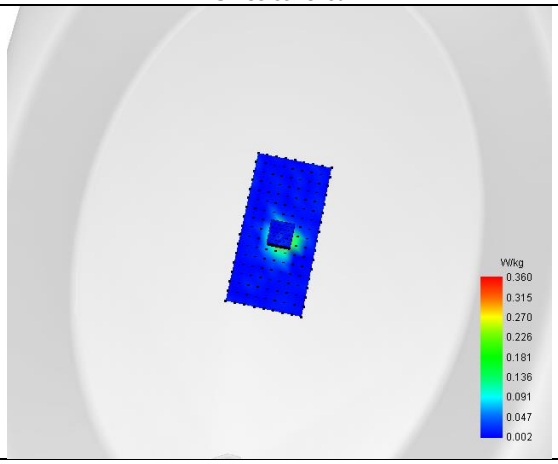
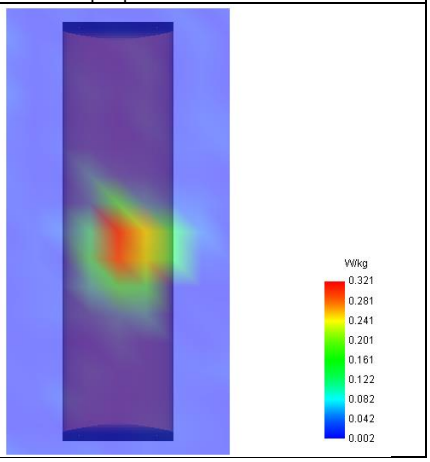
Maximum location: X=2.00, Y=-3.00 ; SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.069
SAR 1g (W/Kg)	0.214
Variation (%)	-8.770
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	40.364410

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)	0.683	0.360	0.165	0.053	0.020	0.007	0.041	0.019	0.011	0.022	0.004	0.007



3D screen shot	Hot spot position
	

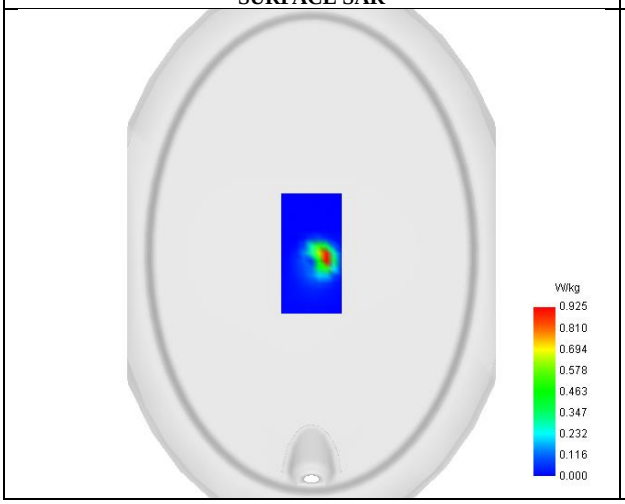
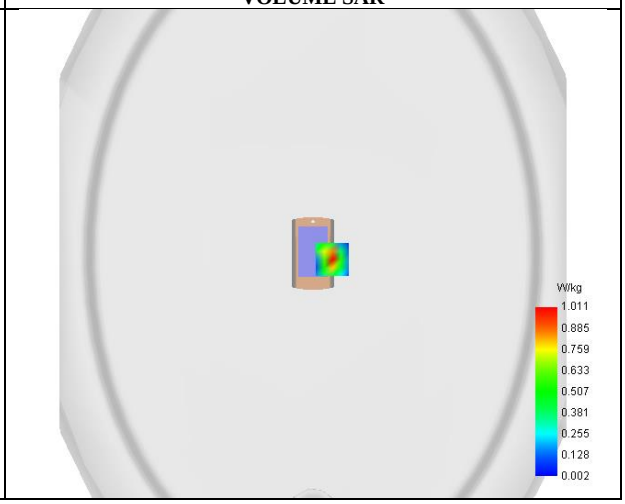
Repeated SAR
Test Laboratory: AGC Lab **Date: Jun. 10, 2025**
LTE Band 2 Low-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.25; Frequency:1860MHz; Medium parameters used: f = 1900 MHz; σ= 1.34 mho/m; εr =41.08; ρ= 1000 kg/m³ ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 2 Low-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Low -Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

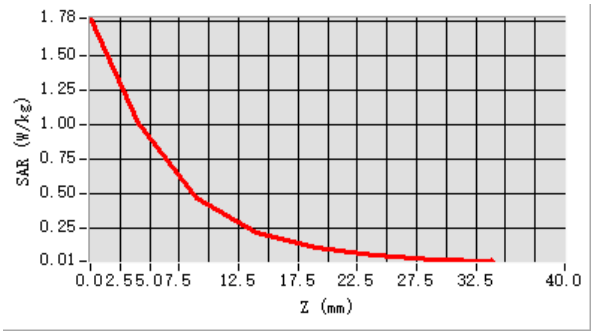
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 2
Channels	Low
Signal	OFDM (Crest factor: 1.0)

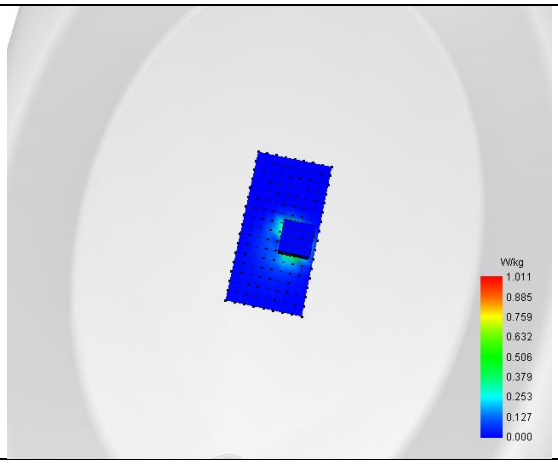
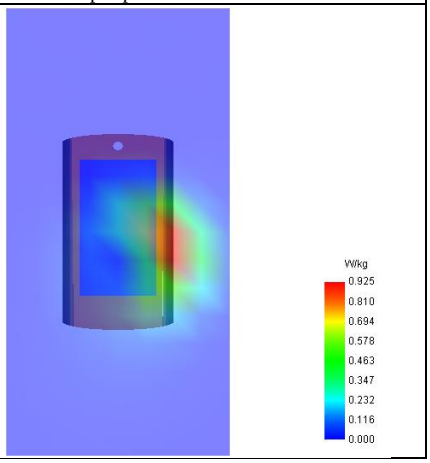
SURFACE SAR	VOLUME SAR
	

Maximum location: X=19.00, Y=-6.00 ; SAR Peak: 1.77 W/kg

SAR 10g (W/Kg)	0.385
SAR 1g (W/Kg)	0.903
Variation (%)	-2.680
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	45.884652

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.777	1.011	0.464	0.217	0.105	0.048	0.023



3D screen shot	Hot spot position
	

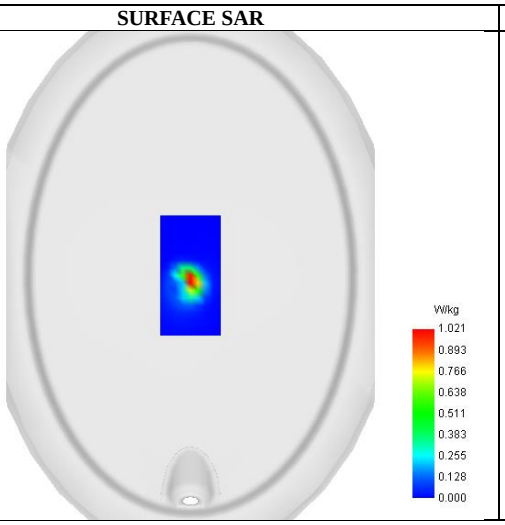
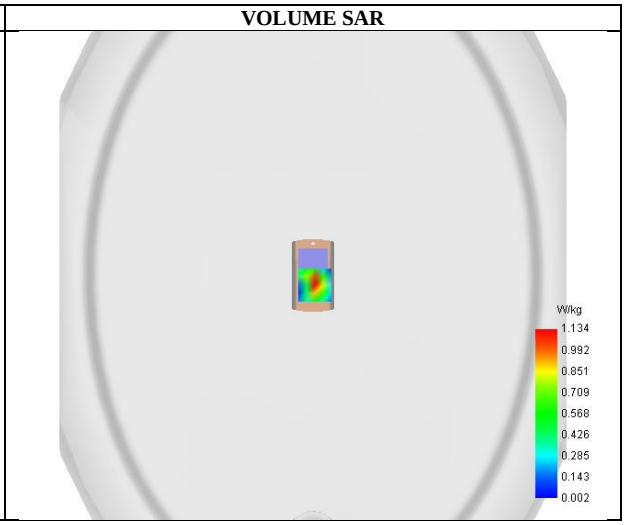
Test Laboratory: AGC Lab **Date: Jun. 09, 2025**
LTE Band 4 High-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.28; Frequency:1745 MHz; Medium parameters used: f = 1750 MHz; σ= 1.35 mho/m; ε_r =39.68; ρ= 1000 kg/m^3 ; Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 4 High-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 High-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 4
Channels	High
Signal	OFDM (Crest factor: 1.0)

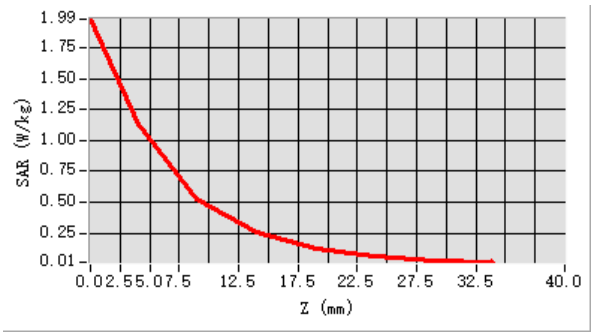
SURFACE SAR	VOLUME SAR
	

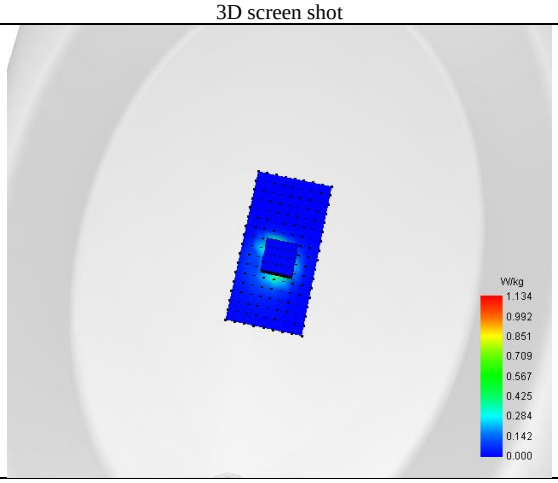
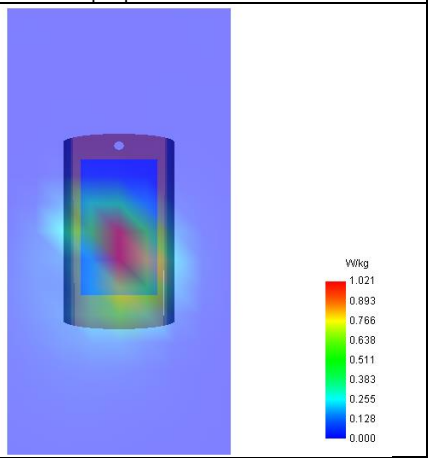
Maximum location: X=2.00, Y=-9.00 ; SAR Peak: 2.03 W/kg

SAR 10g (W/Kg)	0.445
SAR 1g (W/Kg)	1.045
Variation (%)	-0.460
Horizontal validation criteria: minimum distance (mm)	8.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	46.204409

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00

SAR (W/Kg)	1.986	1.134	0.524	0.250	0.120	0.055	0.025



3D screen shot	Hot spot position
	

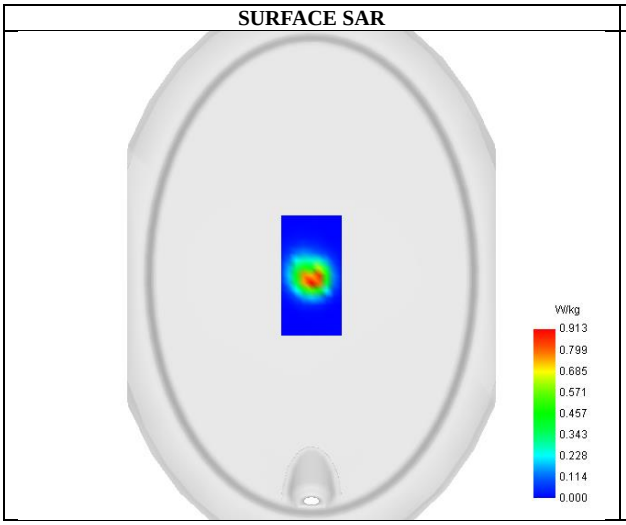
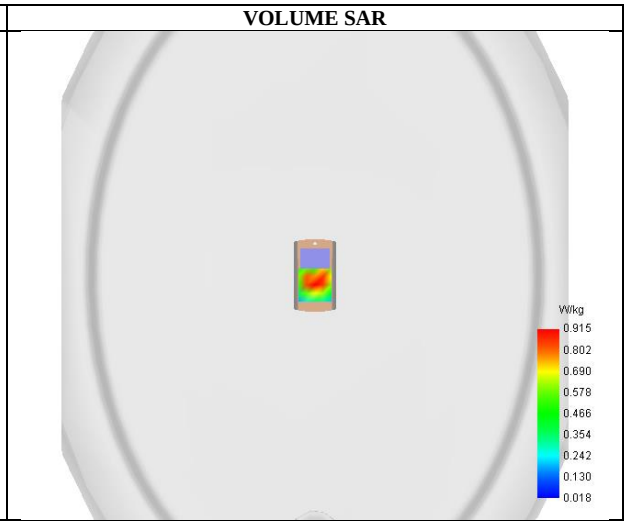
Test Laboratory: AGC Lab **Date: Jun. 08, 2025**
LTE Band 5 High-Body-Edge 1 (Top) (1 RB#0)
DUT: LEARNING CAMERA; Type: DEX-01

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=2.23
Frequency:844 MHz; Medium parameters used: f = 835 MHz; σ=0.94mho/m; εr =40.69; ρ= 1000 kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:
- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE Band 5 High-Body-Edge 1 (Top)/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 High-Body-Edge 1 (Top)/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Edge 1 (Top)
Band	LTE Band 5
Channels	High
Signal	OFDM (Crest factor: 1.0)

SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=-9.00 ; SAR Peak: 1.42 W/kg

SAR 10g (W/Kg)	0.477
SAR 1g (W/Kg)	0.871
Variation (%)	-2.260
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.243862

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00