SAR Test Report

Report No.: AGC02787240504FH01

FCC ID	:	2AP7LMOJO
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	4G SMARTPHONE
BRAND NAME	:	SUNTAK
MODEL NAME	:	MOJO
SERIES MODEL	:	MOX 2
APPLICANT	:	WHOOP INTERNATIONAL TRADING LIMITED
DATE OF ISSUE	:	June 13, 2024
STANDARD(S)	:	IEEE Std. 1528:2013 FCC 47 CFR Part 2§2.1093 IEEE Std C95.1 ™-2005
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	/	June 13, 2024	Valid	Initial Release

Test Report

Applicant Name	WHOOP INTERNATIONAL TRADING LIMITED
Applicant Address	Flat-B 8/F Chong Gming Building 72 Cheung Sha Wan Road Kowloon Hong Kong
Manufacturer Name	Shenzhen Teleone Technology Co., Ltd
Manufacturer Address	Tower B 5/F, Shanshui Building, Nanshan Yungu Innovation Industry Park, 4093 Liuxian Avenue, Shenzhen, China
Factory Name	Shenzhen Teleone Technology Co., Ltd
Factory Address	Tower B 5/F, Shanshui Building, Nanshan Yungu Innovation Industry Park, 4093 Liuxian Avenue, Shenzhen, China
Product Designation	4G SMARTPHONE
Brand Name	SUNTAK
Model Name	MOJO
Series Model	MOX 2
Different Description	They only have different camera pixels, memory sizes, antennas, appearances, and everything else is exactly the same
EUT Voltage	DC3.85V by battery
Applicable Standard	IEEE Std. 1528:2013 FCC 47 CFR Part 2§2.1093 IEEE Std C95.1 ™-2005
Date of receipt of test item	April 29, 2024
Test Date	May 4, 2024 to May 30, 2024
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.

Prepared By	Thea Huang Thea Huang (Project Engineer)	June 13, 2024
Reviewed By	Calvin Liu Calvin Liu (Reviewer)	June 13, 2024
Approved By	Max Zhang Max Zhang (Authorized Officer)	June 13, 2024

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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)
	Product: MOJO		Product: MOX 2		
	Head	Body-worn and Hotspot (with 10mm separation)	Head	Body-worn and Hotspot (with 10mm separation)	
GSM 850	0.282	0.423	0.382	0.497	1.6
PCS 1900	0.071	0.601	0.082	0.519	
LTE Band 2	0.205	1.009	0.193	1.025	
LTE Band 4	0.140	0.693	0.097	0.784	
LTE Band 5	0.272	0.359	0.376	0.400	
LTE Band 12	0.251	0.378	0.348	0.443	
LTE Band 13	0.135	0.166	0.171	0.158	
LTE Band 25	0.146	0.644	0.153	0.756	
LTE Band 26	0.260	0.307	0.377	0.363	
LTE Band 41	0.059	0.908	0.027	0.761	
LTE Band 66	0.170	0.974	0.123	0.936	
LTE Band 71	0.188	0.225	0.217	0.290	
WIFI 2.4G	0.130	0.108	0.098	0.082	
5.2GHz (U-NII-1)	0.319	0.262	0.156	0.118	
5.3GHz (U-NII-2A)	0.377	0.232	0.204	0.095	
5.6GHz (U-NII-2C)	0.414	0.090	0.130	0.091	
5.8GHz (U-NII-3)	0.188	0.095	0.213	0.214	
BT	0.119	0.103	0.120	0.098	
Simultaneous Reported SAR	1.271		1.239		
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 D01 3G SAR Procedures v03r01
- 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	4G SMARTPHONE
Test Model	MOJO
Series Model	MOX 2
Declaration of different	They only have different camera pixels, memory sizes, antennas, appearances, and everything else is exactly the same
Hardware Version	T341_9230_MB_D4F_V1.0
Software Version	ROVER_MOJO_14_V01_20240426
Device Category	Portable
RF Exposure Environment	Uncontrolled
Antenna Type	Internal
GSM and GPRS& EGPRS	
Support Band	☒GSM 850 ☒PCS 1900 ☐GSM 900 ☐DCS 1800
GPRS & EGPRS Type	Class B
GPRS & EGPRS Class	Class 12(1Tx+4Rx, 2Tx+3Rx, 3Tx+2Rx, 4Tx+1Rx)
TX Frequency Range	GSM 850 : 820-850MHz; PCS 1900: 1850-1910MHz;
RX Frequency Range	GSM 850 : 869~894MHz; PCS 1900: 1930~1990MHz
Release Version	R99
Type of modulation	GMSK for GSM/GPRS; GMSK & 8-PSK for EGPRS
Antenna Gain	GSM850: -0.42dBi; PCS1900: -0.25dBi
Max. Average Power	GSM850: 30.35dBm; PCS1900: 27.05dBm
Bluetooth	
Bluetooth Version	☐V2.0 ☐V2.1 ☐V2.1+EDR ☐V3.0 ☐V3.0+HS ☒V4.0 ☐V4.1
Operation Frequency	2402~2480MHz
Type of modulation	☒GFSK ☒Π/4-DQPSK ☒8-DPSK
Peak Power	7.74dBm
Antenna Gain	0.42dBi
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: 12.05dBm,11g:13.13dBm,11n(20):13.3dBm
Antenna Gain	0.42dBi

EUT Description(Continue)

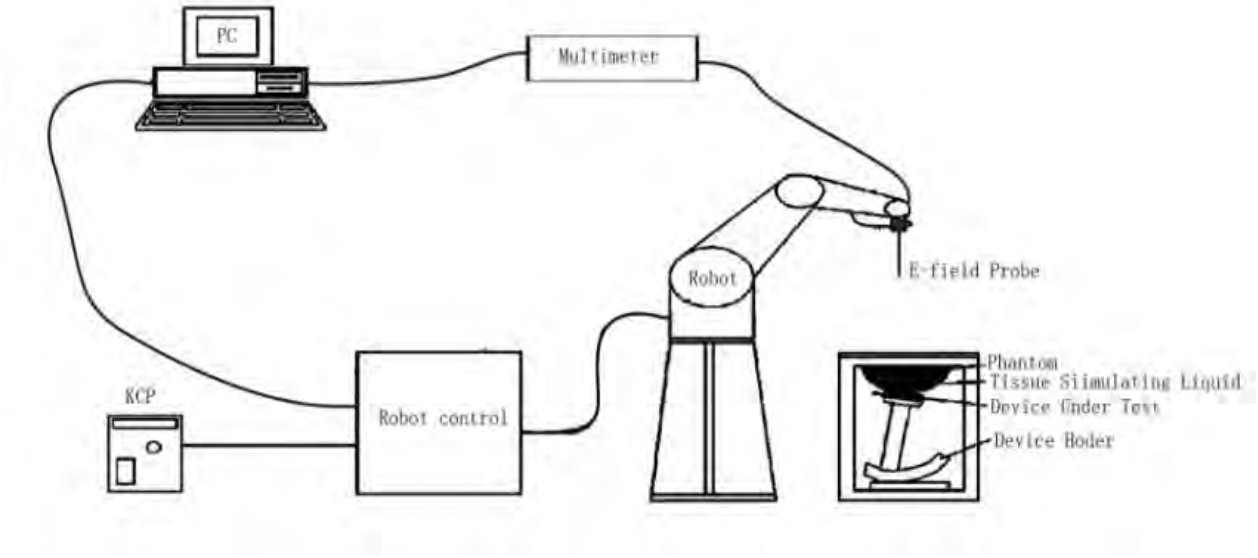
LTE	
Support Band	☒FDD Band 2 ☒FDD Band 4 ☒FDD Band 5 ☐FDD Band 7 ☒FDD Band 12 ☒FDD Band 13 ☐FDD Band 14 ☐FDD Band 17 ☒FDD Band 25 ☒FDD Band 26 ☐TDD Band 38 ☐TDD Band 40 ☒TDD Band 41 ☒FDD Band 66 ☒FDD Band 71 (U.S. Bands) ☐FDD Band 1 ☐FDD Band 3 ☐FDD Band 7 ☐FDD Band 8 ☐FDD Band 20 ☐FDD Band 28 ☐TDD Band 38 ☐TDD Band 40 ☐TDD Band 42 ☐TDD Band 43 (Non-U.S. Bands)
TX Frequency Range	Band 2:1850-1910MHz; Band 4:1710-1755MHz;Band 5:824-849MHz; Band 12:699-716MHz; Band 13: 777-787MHz; Band 25: 1850-1915MHz; Band 26: 814-849MHz; Band 41:2496-2690MHz; Band 66:1700-1780MHz; Band 71:663-698MHz
RX Frequency Range	Band 2:1930-1990MHz; Band 4:2110-2155MHz; Band 5:869-894MHz; Band 12: 729-746 MHz; Band 13: 746-756MHz;Band 25: 1930-1995MHz; Band 26: 859-894MHz; Band 41:2496-2690MHz; Band 66:2110-2200MHz; Band 71:617-652MHz
Type of modulation	QPSK, 16QAMH
Antenna Gain	Band 2: -0.25dBi; Band 4: -0.31dBi; Band 5: -0.42dBi;Band 12: -0.43dBi; Band 13: -0.67dBi; Band 25: -0.34dBi; Band 26: -0.43dBi; Band 41: -0.15dBi; Band 66: -0.29dBi; Band 71: -0.72dBi;
Max. Average Power	Band 2: 24.39dBm; Band 4: 23.71dBm; Band 5: 24.20dBm;Band 12: 24.3dBm; Band 13: 23.6dBm; Band 25: 23.52dBm; Band 26: 24.29dBm; Band 41: 23.32dBm; Band 66: 24.31dBm; Band 71: 23.22dBm;
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-2C: 5470MHz~5725MHz;U-NII-3: 5745MHz~5825MHz
Max. conducted Power	U-NII-1: 10.99dBm; U-NII-2A: 12.32dBm; U-NII-2C: 12.25dBm; U-NII-3: 12.38dBm
Antenna Gain	0.75dBi
Accessories	
Battery	Model:476591P Brand: SUNTAK Rated Voltage: DC3.85V Charge Limit Voltage: 4.4V Capacity: 5000mAh
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.

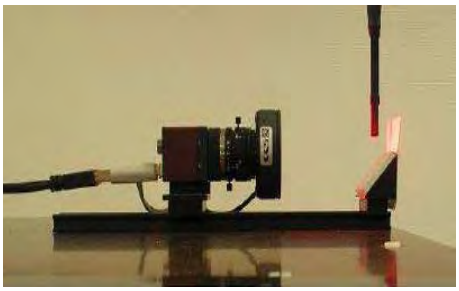
Isotropic E-Field Probe Specification

Model	SSE2	
Manufacture	MVG	
Identification No.	2023-EPGO-414	
Frequency	0.15GHz-7.5GHz Linearity:±0.09dB(0.15GHz-7.5GHz)	
Dynamic Range	0.01W/kg-100W/kg Linearity:±0.09dB	
Dimensions	Overall length:330mm Length of individual dipoles:24.5mm Maximum external diameter:8mm Probe Tip external diameter:2.55mm Distance between dipoles/ probe extremity:12.7mm	
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%.	

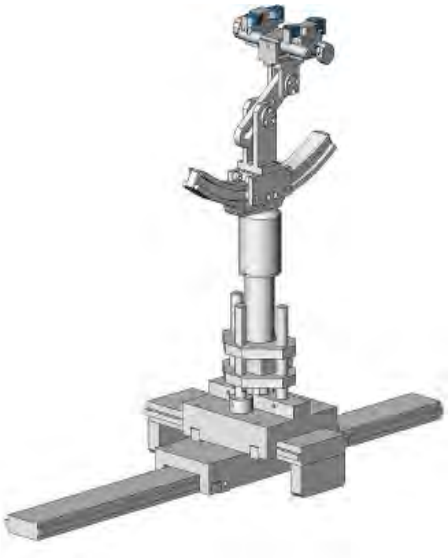
3.3. Robot

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:

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

$$SAR = c_h \frac{dT}{dt}\bigg|_{t=0}$$

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

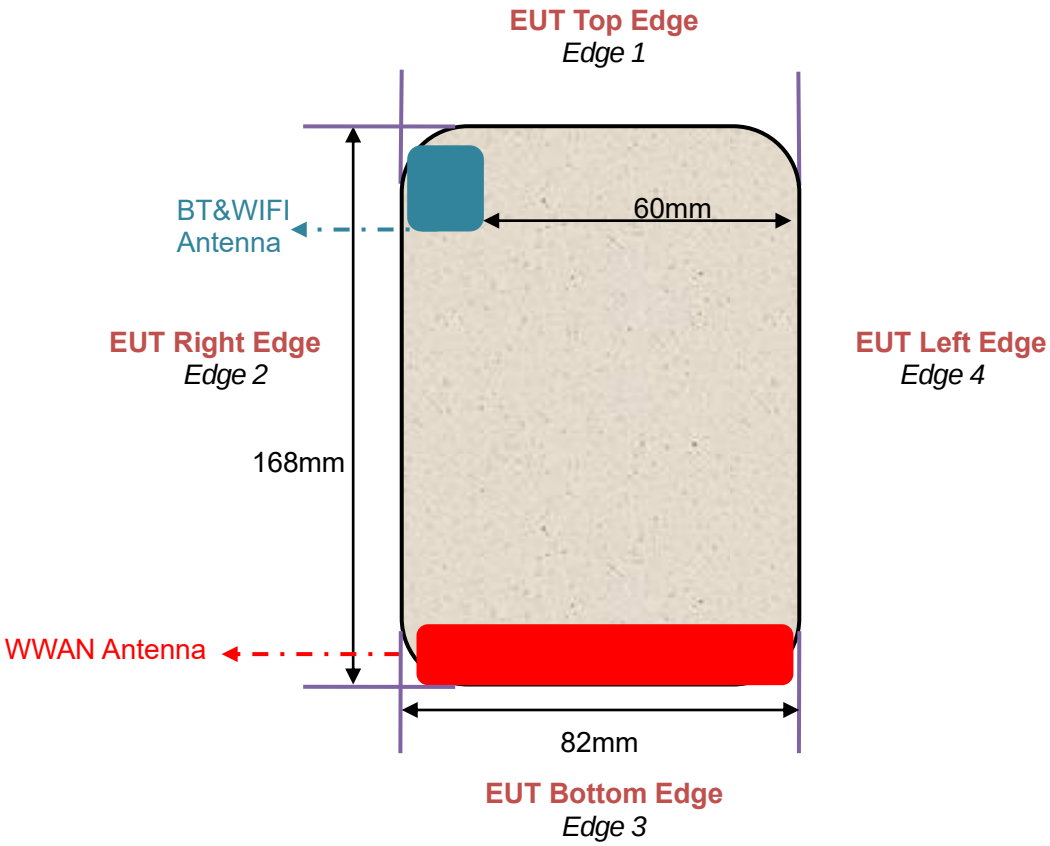
Test Configuration and setting:

The EUT is a model of GSM Portable Mobile Station (MS). It supports GSM/GPRS/EGPRS, WCDMA/HSPA, 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: (the back view)



For WWAN mode:

Test Configurations	Antenna to edges/surface	SAR required	Note
Head			
Left Touch		Yes	--
Left Tilt		Yes	--
Right Touch		Yes	--
Right Tilt		Yes	--
Body			
Back	<25mm	Yes	--
Front	<25mm	Yes	--
Hotspot			
Back	<25mm	Yes	--
Front	<25mm	Yes	--
Edge 1 (Top)	160mm	No	SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR
Edge 2 (Right)	<25mm	Yes	--
Edge 3 (Bottom)	<25mm	Yes	--
Edge 4 (Left)	<25mm	Yes	--

For WLAN mode:

Test Configurations	Antenna to edges/surface	SAR required	Note
Head			
Left Touch		Yes	--
Left Tilt		Yes	--
Right Touch		Yes	--
Right Tilt		Yes	--
Body			
Back	<25mm	Yes	--
Front	<25mm	Yes	--
Hotspot			
Back	<25mm	Yes	--
Front	<25mm	Yes	--
Edge 1 (Top)	<25mm	Yes	--
Edge 2 (Right)	<25mm	Yes	--
Edge 3 (Bottom)	150mm	No	SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR
Edge 4 (Left)	60mm	No	SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR

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 10% are listed in 6.2

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 and body tissue dielectric parameters recommended by the IEEE Std. 1528 have been incorporated in the following table.

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 (±10%)		Tissue Temp [°C]	Test time
		εr 41.9 (37.71-46.09)	δ[s/m] 0.89(0.801-0.979)		
Head	707.5	38.16	0.901	22.1	May 04, 2024
	750	38.21	0.91		
	782	39.32	0.932		

Tissue Stimulant Measurement for 750MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr 41.9 (37.71-46.09)	δ[s/m] 0.89(0.801-0.979)		
Head	683	40.10	0.87	22.1	May 04, 2024
	750	38.21	0.91		

Tissue Stimulant Measurement for 835MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr 41.5 (37.35-45.65)	δ[s/m] 0.90(0.81-0.99)		
Head	835	39.21	0.91	21.9	May 05, 2024
	836.6	39.36	0.89		

Tissue Stimulant Measurement for 835MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr 41.5 (37.35-45.65)	δ[s/m] 0.90(0.81-0.99)		
Head	831.5	38.36	0.93	21.5	May 12, 2024
	835	38.99	0.91		
	836.5	40.21	0.89		

Tissue Stimulant Measurement for 1750MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr 40.1 (36.09-44.11)	δ[s/m]1.37(1.233-1.507)		
Head	1720	38.39	1.35	22.0	May 18, 2024
	1732.5	39.39	1.40		
	1750	39.31	1.36		
	1755	38.69	1.32		
	1770	38.12	1.35		

Tissue Stimulant Measurement for 1900MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr40.00(36.00-44.00)	δ[s/m]1.40(1.26-1.54)		
Head	1880	39.21	1.35	21.2	May 19, 2024
	1900	38.25	1.39		

PCS1900

Tissue Stimulant Measurement for 1900MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr40.00(36.00-44.00)	δ[s/m]1.40(1.26-1.54)		
Head	1860	38.96	1.39	21.9	May 25, 2024
	1880	38.35	1.36		
	1882.5	39.01	1.42		
	1900	38.31	1.40		

Tissue Stimulant Measurement for 2450MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr39.2(35.28-43.12)	δ[s/m]1.80(1.62-1.98)		
Head	2437	38.39	1.82	22.0	May 26, 2024
	2450	39.21	1.79		
	2480	38.92	1.85		

Tissue Stimulant Measurement for 2600MHz					
	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr39(35.1-42.9)	δ[s/m]1.96(1.764-2.156)		
Head	2506	38.52	1.92	22.1	May 29, 2024
	2593	39.32	1.99		
	2600	38.63	2.01		
	2680	39.20	2.05		

Tissue Stimulant Measurement for 5200MHz					
Head	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr 36.0(32.4-39.6)	δ[s/m] 4.66(4.194 -5.126)		
	5180	35.10	4.62	21.2	May 30, 2024
	5200	35.30	4.56		

Tissue Stimulant Measurement for 5400MHz					
Head	Fr. (MHz)	Dielectric Parameters (±5%)		Tissue Temp [°C]	Test time
		εr 35.9(34.105-37.695)	δ[s/m] 4.76(4.522-4.998)		
	5400	36.02	4.85	21.2	May 30, 2024
	5310	36.36	4.76		

Tissue Stimulant Measurement for 5600MHz					
Head	Fr. (MHz)	Dielectric Parameters (±5%)		Tissue Temp [°C]	Test time
		εr 35.5(33.725-37.275)	δ[s/m] 5.07(4.8165-5.3235)		
	5550	34.32	4.93	22.6	May 31, 2024
	5600	35.10	5.10		

Tissue Stimulant Measurement for 5800MHz					
Head	Fr. (MHz)	Dielectric Parameters (±10%)		Tissue Temp [°C]	Test time
		εr 35.3 (31.77-38.83)	δ[s/m] 5.27 (4.743-5.797)		
	5775	35.20	4.98	22.6	May 31, 2024
	5800	36.01	5.01		

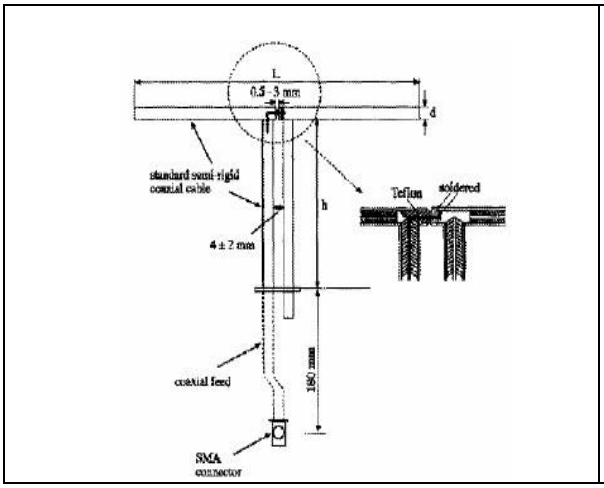
6. SAR SYSTEM CHECK PROCEDURE

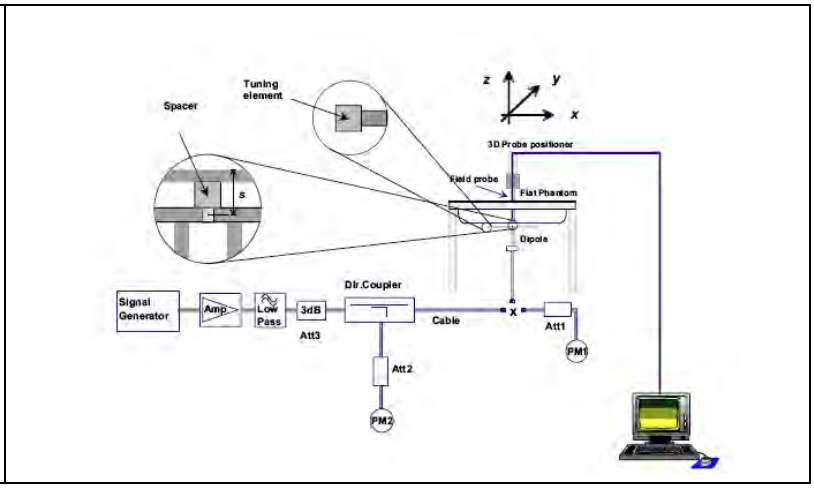
6.1. SAR System Check Procedures

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.

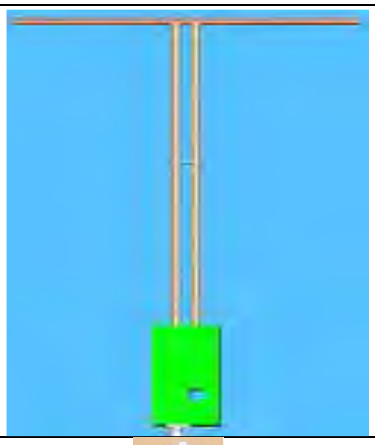
Each SATIMO system is equipped with one or more system check kits. These units, together with the predefined measurement procedures within the SATIMO software, enable the user to conduct the system check and system validation. System kit includes a dipole, and dipole device holder.

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
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 z &2450MHz & 5200-5800MHz for Head								
Validation Kit: SN 22/16 DIP 0G750-417& SN 15/16 DIP 0G835-399& SN 46/11 DIP 1G800-186& SN 29/15 DIP 1G900-389& SN 29/15 DIP 2G450-393& SN 17/22 DIP 5G000-671								
Frequency [MHz]	Target Value(W/kg)		Reference Result (± 10%)		Tested Value(W/kg)		Tissue Temp. [°C]	Test time
	1g	10g	1g	10g	1g	10g		
750	8.33	5.44	7.497-9.163	4.896-5.984	8.024	5.125	22.1	May 04, 2024
835	9.67	6.14	8.703-10.637	5.526-6.754	9.321	6.012	21.9	May 05, 2024
4G 835	9.67	6.14	8.703-10.637	5.526-6.754	9.415	6.121	21.5	May 12, 2024
1800	37.76	19.60	33.984-41.536	17.640-21.560	36.251	20.201	22.0	May 18, 2024
1900	41.26	20.86	37.134-45.386	18.774-22.946	40.210	20.669	21.2	May 19, 2024
4G 1900	41.26	20.86	37.134-45.386	18.774-22.946	41.362	20.714	21.9	May 25, 2024
2450	54.32	24.25	48.888-59.752	21.825-26.675	53.662	23.625	22.0	May 26, 2024
2600	54.94	23.77	49.446-60.434	21.393-26.147	55.258	24.089	22.1	May 29, 2024
5200	73.43	21.83	66.087-80.773	19.647-24.013	72.860	22.361	21.2	May 30, 2024
5400	78.43	23.90	70.587-86.273	21.510-26.930	80.230	22.128	21.2	May 30, 2024
5600	78.20	24.12	70.380-86.02	21.708-26.532	77.963	23.621	22.6	May 31, 2024
5800	75.69	22.44	68.121-83.259	20.196-24.684	76.365	22.418	22.6	May 31, 2024

Note:
(1) We use a CW signal of 20dBm 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

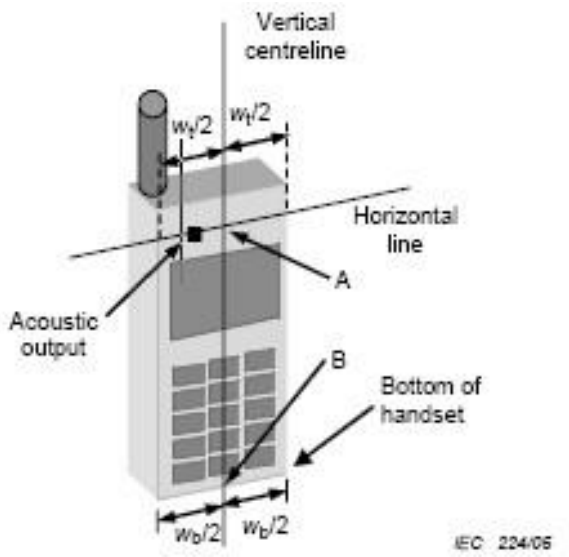
This EUT was tested in **Right Cheek, Right Tilted, Left Cheek, Left Tilted, Body back, Body front and 4 edges.**

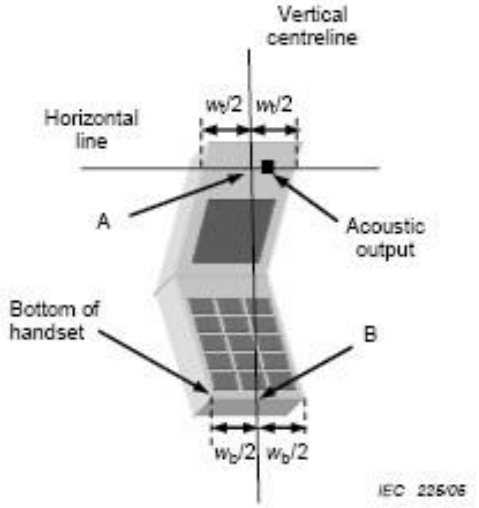
7.1. Define Two Imaginary Lines on the Handset

(1)The vertical centerline passes through two points on the front side of the handset the midpoint of the width wt of the handset at the level of the acoustic output, and the midpoint of the width wb of the handset.

(2)The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.

(3)The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.





7.2. Cheek Position

(1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center picec in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.

(2) To move the device towards the phantom with the ear piece aligned with the the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost

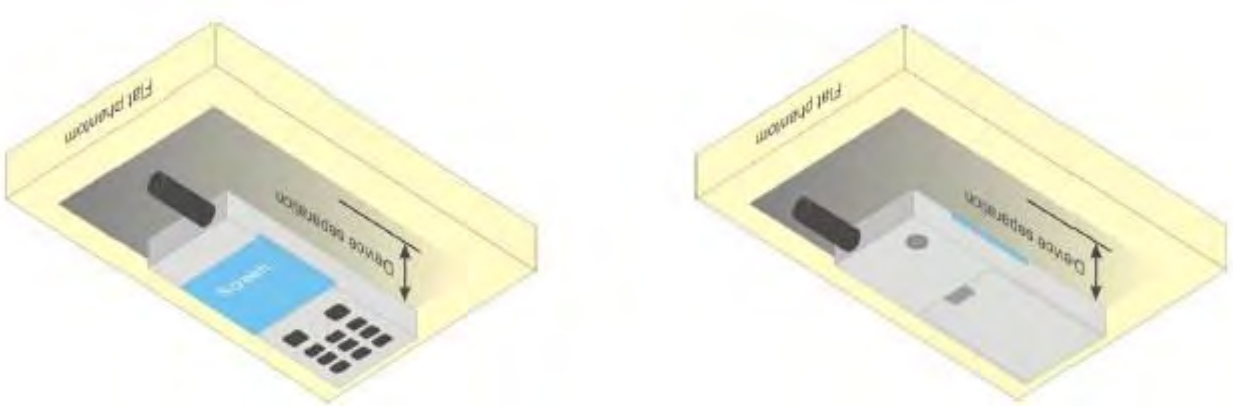
7.3. Tilt Position

(1) To position the device in the “cheek” position described above.

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

7.4. 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 10mm.



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

Equipment description	Manufacturer/ Model	Identification No.	Software version	Current calibration date	Next calibration date
SAR Probe	MVG	2023-EPGO-414	N/A	Apr. 30, 2024	Apr. 29, 2025
Phantom	SATIMO	SN_4511_SAM90	N/A	Validated. No cal required.	Validated. No cal required.
Liquid	SATIMO	N/A	N/A	Validated. No cal required.	Validated. No cal required.
Comm Tester	Agilent-8960	GB46310822	A.13.07	Jun. 03, 2023	Jun. 02, 2024
Comm Tester	R&S- CMW500	121209	V3.7.40	Jun. 01, 2023	May 31, 2024
	Keithley 2000	4114939	N/A	Jun. 01, 2023	May 31, 2024
SAR Software	MVG-OpenSAR	N/A	OpenSAR V4_02_35	N/A	N/A
Dipole	SATIMO SID750	SN 22/16 DIP 0G750-417	N/A-	Apr. 28,2022	Apr. 27,2025
Dipole	SATIMO SID835	SN 15/16 DIP 0G835-399	N/A	Apr. 28,2022	Apr. 27,2025
Dipole	SATIMO SID1800	SN 46/11 DIP 1G800-186	N/A	Apr. 28,2022	Apr. 27,2025
Dipole	SATIMO SID1900	SN 29/15 DIP 1G900-389	N/A	Apr. 28,2022	Apr. 27,2025
Dipole	SATIMO SID2300	SN 22/16 DIP 2G300-412	N/A	Apr. 28,2022	Apr. 27,2025
Dipole	SATIMO SID2450	SN 29/15 DIP 2G450-393	N/A	Apr. 28,2022	Apr. 27,2025
Dipole	SATIMO SID2600	SN 22/16 DIP 2G600-407	N/A	Apr. 28,2022	Apr. 27, 2025
Dipole	SID5000	SN 17/22 DIP 5G000-671	N/A	Apr. 28,2022	Apr. 27, 2025
Signal Generator	Agilent-E4438C	US41461365	V5.03	Jun. 01, 2023	May 31, 2024
Vector Analyzer	Agilent / E4440A	MY44303916	N/A	Jun. 01, 2023	May 31, 2024
Network Analyzer	Rhode & Schwarz ZVL6	SN101443	3.2	Sep. 21, 2023	Sep. 20, 2024
Attenuator	Warison /WATT-6SR1211	S/N:WRJ34AYM2F1	N/A	June 07, 2023	June 06, 2024
Attenuator	Mini-circuits / VAT-10+	31405	N/A	June 07, 2023	June 06, 2024
Amplifier	AS0104-55_55	1004793	N/A	N/A	N/A
Directional Couple	Werlatone/ C5571-10	SN99463	N/A	Feb. 01, 2024	Jan. 31, 2026
Directional Couple	Werlatone/ C6026-10	SN99482	N/A	Feb. 01, 2024	Jan. 31, 2026
Power Sensor	NRP-Z21	1137.6000.02	N/A	Sep. 05, 2023	Sep. 04, 2024
Power Sensor	NRP-Z23	100323	N/A	Jun. 06, 2023	Jun. 05, 2024
Power Viewer	R&S	V2.3.1.0	N/A	N/A	N/A
Calibration standard parts for network sub - port	R&S/ ZV-Z132	N/A	V2.3.1.0	Nov. 11, 2023	Nov. 10, 2024

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	1.695	R	1.732	0.707	0.707	0.692	0.692	∞
Hemispherical Isotropy	E.2.2	1.695	R	1.732	0.707	0.707	0.692	0.692	∞
Boundary effect	E.2.3	1.000	R	1.732	1	1	0.577	0.577	∞
Linearity	E.2.4	2.250	R	1.732	1	1	1.299	1.299	∞
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				10.616	10.432	
Expanded Uncertainty (95% Confidence interval)			K=2				21.232	20.865	

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	1.695	R	1.732	1.000	1.000	0.979	0.979	∞
Hemispherical Isotropy	E.2.2	1.695	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	2.250	R	1.732	1.000	1.000	1.299	1.299	∞
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				10.572	10.387	
Expanded Uncertainty (95% Confidence interval)			K=2				21.143	20.775	

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	0.5	N	1	1	1	0.5	0.5	∞
Axial Isotropy	E.2.2	1.695	R	$\sqrt{3}$	0	0	0	0	∞
Hemispherical Isotropy	E.2.2	1.695	R	$\sqrt{3}$	0	0	0	0	∞
Boundary effect	E.2.3	1.000	R	$\sqrt{3}$	0	0	0	0	∞
Linearity	E.2.4	2.250	R	$\sqrt{3}$	0	0	0	0	∞
System detection limits	E.2.4	1	R	$\sqrt{3}$	0	0	0	0	∞
Modulation response	E2.5	3	R	$\sqrt{3}$	0	0	0	0	∞
Readout Electronics	E.2.6	0.021	N	$\sqrt{3}$	0	0	0	0	∞
Response Time	E.2.7	0	R	$\sqrt{3}$	0	0	0	0	∞
Integration Time	E.2.8	1.4	R	$\sqrt{3}$	0	0	0	0	∞
RF ambient conditions-Noise	E.6.1	3	R	$\sqrt{3}$	0	0	0	0	∞
RF ambient conditions-reflections	E.6.1	3	R	$\sqrt{3}$	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

GSM BAND

Mode	Frequency(MHz)	Avg. Burst Power(dBm)	Duty cycle Factor(dBm)	Frame Power(dBm)
Maximum Power <1>				
GSM 850	824.2	30.35	-9	21.35
	836.6	30.26	-9	21.26
	848.8	30.31	-9	21.31
GPRS 850 （1 Slot）	824.2	30.28	-9	21.28
	836.6	30.25	-9	21.25
	848.8	30.28	-9	21.28
GPRS 850 （2 Slot）	824.2	28.13	-6	22.13
	836.6	28.07	-6	22.07
	848.8	28.23	-6	22.23
GPRS 850 （3 Slot）	824.2	26.19	-4.26	21.93
	836.6	26.15	-4.26	21.89
	848.8	26.28	-4.26	22.02
GPRS 850 （4 Slot）	824.2	24.16	-3	21.16
	836.6	24.07	-3	21.07
	848.8	24.17	-3	21.17
EGPRS 850 （1 Slot）	824.2	23.77	-9	14.77
	836.6	23.28	-9	14.28
	848.8	23.38	-9	14.38
EGPRS 850 （2 Slot）	824.2	22.64	-6	16.64
	836.6	22.49	-6	16.49
	848.8	22.48	-6	16.48
EGPRS 850 （3 Slot）	824.2	20.31	-4.26	16.05
	836.6	19.87	-4.26	15.61
	848.8	19.93	-4.26	15.67
EGPRS 850 （4 Slot）	824.2	18.06	-3	15.06
	836.6	18.12	-3	15.12
	848.8	17.67	-3	14.67

GSM BAND CONTINUE

Mode	Frequency(MHz)	Avg. Burst Power(dBm)	Duty cycle Factor(dBm)	Frame Power(dBm)
Maximum Power <1>				
PCS1900	1850.2	27.05	-9	18.05
	1880	27	-9	18
	1909.8	26.76	-9	17.76
GPRS1900 （1 Slot）	1850.2	26.96	-9	17.96
	1880	26.89	-9	17.89
	1909.8	26.70	-9	17.7
GPRS1900 （2 Slot）	1850.2	24.96	-6	18.96
	1880	24.69	-6	18.69
	1909.8	24.25	-6	18.25
GPRS1900 （3 Slot）	1850.2	23.44	-4.26	19.18
	1880	23.12	-4.26	18.86
	1909.8	22.73	-4.26	18.47
GPRS1900 （4 Slot）	1850.2	21.21	-3	18.21
	1880	21.01	-3	18.01
	1909.8	20.60	-3	17.6
EGPRS1900 （1 Slot）	1850.2	24.35	-9	15.35
	1880	23.78	-9	14.78
	1909.8	23.39	-9	14.39
EGPRS1900 （2 Slot）	1850.2	22.41	-6	16.41
	1880	22.43	-6	16.43
	1909.8	21.64	-6	15.64
EGPRS1900 （3 Slot）	1850.2	20.30	-4.26	16.04
	1880	20.13	-4.26	15.87
	1909.8	20.11	-4.26	15.85
EGPRS1900 （4 Slot）	1850.2	18.21	-3	15.21
	1880	18.32	-3	15.32
	1909.8	17.93	-3	14.93

Note 1:
The Frame Power (Source-based time-averaged Power) is scaled the maximum burst average power based on time slots. The calculated methods are show as following:
Frame Power = Max burst power (1 Up Slot) – 9 dB
Frame Power = Max burst power (2 Up Slot) – 6 dB
Frame Power = Max burst power (3 Up Slot) – 4.26 dB
Frame Power = Max burst power (4 Up Slot) – 3 dB
Note 2:
SAR is not required for GPRS (1 Slot) Mode because its output power is less than of Voice Mode

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 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	23.80	24.11	24.27
			3	0	23.88	24.22	24.23
			5	0	23.85	24.13	24.23
		3	0	0	23.86	24.00	23.99
			2	0	23.90	24.09	23.93
			3	0	23.82	24.01	24.01
		6	0	1	22.84	22.99	22.88
	16QAM	1	0	1	23.55	23.05	23.71
			3	1	23.55	22.78	23.76
			5	1	23.61	22.82	23.76
		3	0	1	22.96	23.06	22.92
			2	1	23.00	23.10	22.97
			3	1	23.03	23.04	23.00
		6	0	2	22.08	22.20	22.08
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18615	**18900**	**19185**
3MHz	QPSK	1	0	0	24.10	23.99	24.26
			7	0	24.14	24.07	24.27
			14	0	24.02	23.97	24.19
		8	0	1	22.85	23.04	22.92
			4	1	22.81	23.01	22.86
			7	1	22.73	22.99	22.92
		15	0	1	22.88	22.99	22.94
	16QAM	1	0	1	22.69	22.93	23.25
			7	1	22.60	23.00	23.07
			14	1	22.54	23.19	23.30
		8	0	2	22.09	22.00	22.00
			4	2	22.04	22.00	22.09
			7	2	21.90	22.00	22.25
		15	0	2	21.81	22.05	22.17

Conducted Power of LTE Band 2(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18625	**18900**	**19175**
5MHz	QPSK	1	0	0	23.75	24.19	23.86
			13	0	23.63	24.18	23.86
			24	0	23.70	24.13	24.12
		12	0	1	22.85	22.96	23.01
			6	1	22.79	22.96	22.93
			13	1	22.73	22.91	23.00
		25	0	1	22.80	22.92	22.96
	16QAM	1	0	1	22.77	23.12	22.58
			13	1	22.70	23.08	22.81
			24	1	22.61	23.18	23.12
		12	0	2	21.89	22.02	22.05
			6	2	21.75	22.00	22.08
			13	2	21.79	21.93	22.11
		25	0	2	21.96	21.94	21.98
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18650	**18900**	**19150**
10MHz	QPSK	1	0	0	24.17	24.02	24.17
			25	0	24.00	24.03	24.20
			49	0	24.01	23.97	24.23
		25	0	1	22.77	22.95	22.94
			13	1	22.76	22.98	23.05
			25	1	22.73	22.95	22.94
		50	0	1	22.83	22.94	23.03
	16QAM	1	0	1	22.72	23.54	23.03
			25	1	22.58	23.60	23.09
			49	1	22.58	23.62	23.17
		25	0	2	21.90	22.08	22.17
			13	2	21.80	22.04	22.17
			25	2	21.85	22.12	22.13
		50	0	2	21.81	22.03	22.18

Conducted Power of LTE Band 2(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18675	**18900**	**19125**
15MHz	QPSK	1	0	0	22.65	24.16	24.20
			38	0	21.92	24.26	24.27
			74	0	23.58	24.18	24.38
		36	0	1	23.25	22.91	22.90
			18	1	21.90	22.97	23.06
			39	1	22.71	22.95	23.04
		75	0	1	23.05	22.92	23.05
	16QAM	1	0	1	22.95	22.75	22.73
			38	1	23.31	22.91	22.81
			74	1	23.36	23.03	22.83
		36	0	2	21.96	22.06	22.00
			18	2	21.86	22.00	22.12
			39	2	21.91	22.03	22.10
		75	0	2	21.91	22.07	22.17
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					18700	**18900**	**19100**
20MHz	QPSK	1	0	0	24.06	24.27	24.00
			50	0	23.98	24.39	24.08
			99	0	24.11	24.25	24.27
		50	0	1	22.75	23.02	23.00
			25	1	22.84	23.07	22.95
			50	1	22.89	23.03	22.99
		100	0	1	22.84	22.95	22.97
	16QAM	1	0	1	23.14	23.07	23.59
			50	1	23.08	23.11	23.42
			99	1	23.17	23.05	23.45
		50	0	2	21.96	22.07	22.12
			25	2	21.96	22.06	22.06
			50	2	22.07	22.05	22.16
		100	0	2	21.91	22.10	22.06

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	23.47	23.58	22.99
			3	0	23.43	23.57	22.88
			5	0	23.51	23.55	22.9
		3	0	0	23.25	23.36	23.12
			2	0	23.28	23.24	23.13
			3	0	23.25	23.31	23.11
		6	0	1	22.23	22.33	22.19
	16QAM	1	0	1	23.14	22.92	22.86
			3	1	23.21	23.53	23.13
			5	1	23.2	23.46	23.14
		3	0	1	22.4	22.52	22.38
			2	1	22.4	22.49	22.16
			3	1	22.37	22.3	22.12
		6	0	2	21.33	21.41	21.24
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					19965	**20175**	**20385**
3MHz	QPSK	1	0	0	23.51	23.21	23.23
			7	0	23.44	23.29	23.22
			14	0	23.49	23.28	23.23
		8	0	1	22.23	22.26	22.11
			4	1	22.15	22.31	22.15
			7	1	22.21	22.26	22.14
		15	0	1	22.23	22.28	22.12
	16QAM	1	0	1	22.52	23.33	23.09
			7	1	22.5	23.65	23.02
			14	1	22.54	23.56	22.98
		8	0	2	21.34	21.4	21.5
			4	2	21.4	21.41	21.55
			7	2	21.4	21.41	21.53
		15	0	2	21.25	21.49	21.25

Conducted Power of LTE Band 4(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					19975	**20175**	**20375**
5MHz	QPSK	1	0	0	22.26	23.13	23.05
			13	0	22.33	23.17	23.03
			24	0	22.30	23.29	23.16
		12	0	1	22.50	22.21	22.2
			6	1	22.55	22.27	22.14
			13	1	22.11	22.32	22.13
		25	0	1	23.18	22.31	22.19
	16QAM	1	0	1	21.01	22.34	22.59
			13	1	21.30	22.37	22.66
			24	1	21.08	22.88	22.88
		12	0	2	21.79	21.38	21.06
			6	2	21.31	21.4	21.12
			13	2	21.34	21.37	21.17
		25	0	2	21.3	21.31	21.32
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20000	**20175**	**20350**
10MHz	QPSK	1	0	0	23.38	23.53	22.95
			25	0	23.43	23.5	23.07
			49	0	23.42	23.46	22.95
		25	0	1	22.23	22.21	22.13
			13	1	22.28	22.28	22.26
			25	1	22.29	22.3	22.12
		50	0	1	22.25	22.36	22.29
	16QAM	1	0	1	22.92	22.54	23.27
			25	1	22.88	22.54	23.33
			49	1	22.88	22.6	23.36
		25	0	2	21.4	21.35	21.29
			13	2	21.37	21.39	21.4
			25	2	21.36	21.44	21.27
		50	0	2	21.39	21.37	21.39

Conducted Power of LTE Band 4(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20025	**20175**	**20325**
15MHz	QPSK	1	0	0	23.42	23.22	23.21
			38	0	23.48	23.19	23.21
			74	0	23.4	23.22	23.2
		36	0	1	22.25	22.27	22.2
			18	1	22.25	22.24	22.18
			39	1	22.21	22.33	22.2
		75	0	1	22.3	22.32	22.16
	16QAM	1	0	1	22.52	23.55	22.84
			38	1	22.5	23.54	22.87
			74	1	22.57	23.39	23.03
		36	0	2	21.31	21.4	21.29
			18	2	21.3	21.43	21.22
			39	2	21.33	21.38	21.27
		75	0	2	21.35	21.37	21.32
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20050	**20175**	**20300**
20MHz	QPSK	1	0	0	23.3	23.32	23.25
			50	0	23.35	23.44	23.28
			99	0	23.41	23.42	23.33
		50	0	1	22.25	22.24	22.26
			25	1	22.27	22.27	22.18
			50	1	22.33	22.26	22.32
		100	0	1	22.22	22.24	22.21
	16QAM	1	0	1	22.97	23.33	22.84
			50	1	23	23.42	22.72
			99	1	23.1	23.27	22.54
		50	0	2	23.71	21.41	21.36
			25	2	21.38	21.42	21.36
			50	2	21.46	21.39	21.45
		100	0	2	21.35	21.34	21.38

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	24.12	24.04	23.61
			3	0	24.06	24.16	23.74
			5	0	24.07	24.16	23.73
		3	0	0	23.88	23.86	23.80
			2	0	23.82	23.90	23.83
			3	0	23.82	23.85	23.87
		6	0	1	22.87	22.87	22.88
	16QAM	1	0	1	23.60	23.97	23.77
			3	1	23.57	23.72	23.83
			5	1	23.59	23.67	24.01
		3	0	1	22.88	22.97	22.77
			2	1	22.86	22.82	22.90
			3	1	22.95	22.85	22.93
		6	0	2	21.78	21.85	21.90
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20415	**20525**	**20635**
3MHz	QPSK	1	0	0	24.15	24.04	23.74
			7	0	24.04	24.12	23.72
			14	0	24.09	24.16	23.77
		8	0	1	22.80	22.80	22.87
			4	1	22.81	22.93	22.92
			7	1	22.68	22.88	22.86
		15	0	1	22.72	22.90	22.80
	16QAM	1	0	1	23.60	23.09	23.86
			7	1	23.62	23.24	23.86
			14	1	23.58	23.17	23.88
		8	0	2	21.62	21.83	21.84
			4	2	21.68	22.12	21.82
			7	2	21.71	21.92	21.87
		15	0	2	21.71	22.01	21.85

Conducted Power of LTE Band 5(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20425	**20525**	**20625**
5MHz	QPSK	1	0	0	23.72	23.98	23.90
			13	0	23.68	24.02	23.78
			24	0	23.73	24.08	23.94
		12	0	1	22.79	22.83	22.92
			6	1	22.78	22.98	22.76
			13	1	22.81	22.93	22.88
		25	0	1	22.73	22.96	22.86
	16QAM	1	0	1	23.22	23.46	23.08
			13	1	23.23	23.53	23.12
			24	1	23.15	23.51	23.39
		12	0	2	21.70	21.71	21.97
			6	2	21.74	21.93	21.91
			13	2	21.72	21.94	21.93
		25	0	2	21.91	21.92	21.73
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					20450	**20525**	**20600**
10MHz	QPSK	1	0	0	24.05	23.82	24.01
			25	0	24.07	23.87	24.03
			49	0	24.02	23.91	24.11
		25	0	1	22.86	22.78	22.97
			13	1	22.75	23.02	22.87
			25	1	22.83	22.97	22.91
		50	0	1	22.73	22.97	22.94
	16QAM	1	0	1	23.07	23.69	23.49
			25	1	23.07	23.87	23.41
			49	1	23.06	23.94	23.60
		25	0	2	21.89	24.20	21.91
			13	2	21.83	22.00	21.90
			25	2	21.87	21.98	21.94
		50	0	2	21.87	22.00	21.96

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	24.21	23.87	24.26
			3	0	24.2	23.97	24.09
			5	0	24.25	23.9	24.12
		3	0	0	23.99	23.93	24.12
			2	0	24.01	24.04	24.01
			3	0	24.06	23.99	24.02
		6	0	1	22.9	22.98	23.09
	16QAM	1	0	1	23.6	23.54	23.21
			3	1	23.62	23.6	23.24
			5	1	23.66	23.39	23.17
		3	0	1	22.87	22.98	23
			2	1	22.93	22.92	22.97
			3	1	22.88	22.92	23.03
		6	0	2	21.96	22.14	22.2
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					23025	**23095**	**23165**
3MHz	QPSK	1	0	0	24.16	23.92	24.27
			7	0	24.18	23.86	24.29
			14	0	24.07	23.89	24.11
		8	0	1	22.9	23.04	22.81
			4	1	22.97	22.98	22.89
			7	1	22.93	22.9	23.02
		15	0	1	22.87	22.97	22.93
	16QAM	1	0	1	22.71	23.46	23.21
			7	1	22.64	23.49	23.17
			14	1	22.66	23.61	23.26
		8	0	2	21.96	22.4	21.72
			4	2	22.03	21.89	21.81
			7	2	22.5	21.92	22.1
		15	0	2	21.89	21.95	21.94

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	23.9	24.09	23.9
			13	0	23.88	24.02	23.9
			24	0	23.82	24.02	23.89
		12	0	1	23.03	23.01	23.04
			6	1	22.9	22.97	23.02
			13	1	22.98	22.98	22.88
		25	0	1	22.94	22.92	22.95
	16QAM	1	0	1	23.26	23.1	22.51
			13	1	23.27	23.08	22.95
			24	1	23.22	22.92	22.96
		12	0	2	21.8	22.35	21.95
			6	2	22.31	22.03	21.84
			13	2	22.32	21.96	21.84
		25	0	2	22.51	21.95	21.95
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					23060	**23095**	**23130**
10MHz	QPSK	1	0	0	24.2	23.74	24.13
			25	0	24.18	23.82	23.97
			49	0	24.3	23.91	24.12
		25	0	1	22.84	23.01	22.95
			13	1	22.87	22.99	22.85
			25	1	22.91	22.91	22.91
		50	0	1	23.05	22.94	22.8
	16QAM	1	0	1	22.73	23.41	23.12
			25	1	22.61	23.58	23.28
			49	1	22.77	23.57	23.21
		25	0	2	22.47	22.44	21.98
			13	2	22.43	21.98	22.46
			25	2	22.43	22.47	21.87
		50	0	2	22.44	22.08	22.37

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	23.47	23.25	23.23
			13	0	23.41	23.2	23.23
			24	0	23.33	23.18	23.13
		12	0	1	22.24	22.17	22.18
			6	1	22.38	22.3	22.13
			13	1	22.36	22.35	22.06
		25	0	1	22.32	22.23	22.2
	16QAM	1	0	1	22.36	21.82	22.61
			13	1	22.48	21.88	22.53
			24	1	22.38	21.64	22.15
		12	0	2	21.19	21.26	21.11
			6	2	21.16	21.68	21.02
			13	2	21.23	21.22	21.01
		25	0	2	21.28	21.53	21.18
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**		
					23230		
10MHz	QPSK	1	0	0	23.6		
			25	0	23.59		
			49	0	23.51		
		25	0	1	22.42		
			13	1	22.4		
			25	1	22.24		
		50	0	1	22.31		
	16QAM	1	0	1	21.98		
			25	1	21.89		
			49	1	21.79		
		25	0	2	21.28		
			13	2	21.7		
			25	2	21.27		
		50	0	2	21.7		

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	23.14	23.03	23.21
			2	0	23.16	23.09	23.26
			5	0	23.19	23.07	23.18
		3	0	0	22.89	23.1	22.98
			1	0	22.93	23.1	23.01
			3	0	22.85	23.16	23.06
		6	0	1	21.94	22.11	21.98
	16QAM	1	0	1	21.94	22.13	22.36
			2	1	21.98	22.26	22.36
			5	1	22.01	22.16	22.38
		3	0	1	22.09	22.19	22.16
			1	1	22.15	22.17	22.17
			3	1	22.12	22.17	22.15
		6	0	2	20.83	21.18	21.12
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26055	**26365**	**26675**
3MHz	QPSK	1	0	0	23.11	23.14	23.25
			8	0	23.1	23.14	23.29
			14	0	23.12	23.11	23.21
		8	0	1	21.86	22.14	21.98
			4	1	21.85	22.14	21.96
			7	1	21.88	22.11	22.03
		15	0	1	21.92	22.1	22.01
	16QAM	1	0	1	21.65	22.12	22.17
			8	1	21.64	22.24	22.15
			14	1	21.67	22.22	22.14
		8	0	2	21.07	21.18	21.22
			4	2	21.08	21.12	21.18
			7	2	21.01	21.09	21.24
		15	0	2	20.78	21.16	21.25

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	22.88	23.24	22.93
			12	0	22.86	23.24	23.11
			24	0	22.86	23.19	23.04
		12	0	1	21.87	22.08	21.93
			6	1	21.89	22.08	22.09
			13	1	21.88	22.06	22.02
		25	0	1	21.95	22.09	22
	16QAM	1	0	1	22.27	22.23	21.69
			12	1	22.37	22.32	22.14
			24	1	22.31	22.26	22.09
		12	0	2	20.82	21.08	21.1
			6	2	20.85	20.99	21.12
			13	2	20.83	21.06	21.13
		25	0	2	21.02	21.09	21.11
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26090	**26365**	**26640**
10MHz	QPSK	1	0	0	23.52	23.43	23.26
			24	0	23.45	23.08	23.25
			49	0	23.07	23.15	23.31
		25	0	1	22.46	22.08	22.01
			12	1	21.89	22.03	22.01
			25	1	22	22.05	22.06
		50	0	1	22.17	22.11	21.98
	16QAM	1	0	1	22.64	22.76	22.24
			24	1	23.24	22.76	22.47
			49	1	23.07	22.83	22.47
		25	0	2	21.05	21.22	21.13
			12	2	21.28	21.23	21.16
			25	2	21.27	21.22	21.15
		50	0	2	21.14	21.18	21.15

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	22.98	23.31	23
			38	0	22.98	23.37	23.05
			74	0	23.03	23.38	23.08
		38	0	1	21.85	22.08	22.06
			18	1	21.82	22.09	22.05
			37	1	21.89	22.11	22.03
		75	0	1	21.88	22.04	22.11
	16QAM	1	0	1	21.76	21.87	22.67
			38	1	21.74	21.86	22.67
			74	1	21.8	21.81	22.6
		38	0	2	20.92	21.24	21.2
			18	2	20.9	21.14	21.21
			37	2	20.98	21.25	21.2
		75	0	2	20.99	21.09	21.12
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26140	**26365**	**26590**
20MHz	QPSK	1	0	0	22.99	23.32	23.12
			49	0	23.02	23.33	23.13
			99	0	**23.18**	**23.39**	**23.20**
		50	0	1	21.92	22.12	22.04
			25	1	21.87	22.07	22.02
			49	1	22.04	22.10	22.13
		100	0	1	22.02	22.06	22.12
	16QAM	1	0	1	22.19	22.16	22.10
			49	1	22.17	22.12	22.25
			99	1	22.28	22.21	22.48
		50	0	2	21.05	21.17	21.17
			25	2	21.06	21.18	21.25
			49	2	21.05	21.21	21.23
		100	0	2	21.04	21.11	21.25

Conducted Power of LTE Band 26A(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26797	**26915**	**27033**
1.4MHz	QPSK	1	0	0	24.14	23.94	24.12
			2	0	24.16	23.97	24.24
			5	0	24.1	24	24.04
		3	0	0	23.42	23.45	23.58
			1	0	23.46	23.45	23.63
			3	0	23.47	23.53	23.58
		6	0	1	21.4	21.35	21.48
	16QAM	1	0	1	23.99	24.1	23.73
			2	1	24.07	23.97	23.8
			5	1	23.96	23.92	23.85
		3	0	1	22.25	22.35	22.47
			1	1	22.24	22.43	22.54
			3	1	22.26	22.49	22.54
		6	0	2	21.45	21.57	21.79
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26805	**26915**	**27025**
3MHz	QPSK	1	0	0	24.12	23.97	24.15
			8	0	24.06	23.94	24.17
			14	0	24.15	23.92	24.14
		8	0	1	21.41	21.38	21.54
			4	1	21.33	21.4	21.38
			7	1	21.29	21.36	21.49
		15	0	1	21.48	21.36	21.55
	16QAM	1	0	1	23.08	23.94	23.73
			8	1	23.18	23.98	23.71
			14	1	23.16	23.99	23.8
		8	0	2	21.35	21.43	21.34
			4	2	21.27	21.44	21.32
			7	2	21.29	21.4	21.65
		15	0	2	21.52	21.46	21.47

Conducted Power of LTE Band 26A(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26815	**26915**	**27015**
5MHz	QPSK	1	0	0	23.87	24.06	24.01
			12	0	23.83	24.13	23.84
			24	0	23.84	24.13	23.93
		12	0	1	21.41	21.41	21.49
			6	1	21.33	21.4	21.46
			13	1	21.29	21.53	21.45
		25	0	1	21.44	21.46	21.49
	16QAM	1	0	1	23.7	23.59	23.23
			12	1	23.63	23.64	23.04
			24	1	23.7	23.63	23.57
		12	0	2	21.35	21.43	21.57
			6	2	21.22	21.26	21.49
			13	2	21.24	21.37	21.38
		25	0	2	21.48	21.37	21.3
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26840	**26915**	**26990**
10MHz	QPSK	1	0	0	24.08	23.9	24.08
			24	0	24.14	23.93	24.12
			49	0	24.18	24.03	24.15
		25	0	1	21.84	22.03	22
			12	1	21.79	21.97	21.99
			25	1	21.98	22.03	21.98
		50	0	1	21.89	21.96	21.95
	16QAM	1	0	1	23.15	23.81	23.58
			24	1	23.08	23.97	23.61
			49	1	23.15	24.02	23.63
		25	0	2	21.9	22.09	22.02
			12	2	21.84	22.03	22.05
			25	2	21.95	22.02	22.09
		50	0	2	21.88	21.99	21.97

Conducted Power of LTE Band 26A(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26865	**26915**	**26965**
15MHz	QPSK	1	0	0	24.14	23.91	24.19
			38	0	24.18	23.91	24.22
			74	0	24.26	24	24.29
		38	0	1	21.88	21.95	21.98
			18	1	21.97	22.02	22.04
			37	1	22.05	22.02	22.03
		75	0	1	21.89	22	21.94
	16QAM	1	0	1	23.12	23.89	23.48
			38	1	23.17	24.01	23.62
			74	1	23.24	23.98	23.7
		38	0	2	21.83	21.91	22.05
			18	2	21.93	22.04	21.99
			37	2	22.02	22.04	22.05
		75	0	2	21.92	21.96	22.04

Conducted Power of LTE Band 26B(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26697	**26740**	**26783**
1.4MHz	QPSK	1	0	0	24.09	24.02	23.84
			2	0	24.06	23.92	23.84
			5	0	24.04	23.95	23.81
		3	0	0	23.41	23.45	23.44
			1	0	23.35	23.39	23.39
			3	0	23.33	23.38	23.35
		6	0	1	21.36	21.3	21.32
	16QAM	1	0	1	23.64	23.9	23.89
			2	1	23.66	24.11	23.86
			5	1	23.64	23.7	23.86
		3	0	1	22.54	22.33	22.31
			1	1	22.48	22.36	22.32
			3	1	22.5	22.29	22.27
		6	0	2	21.5	21.32	21.3
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26705	**26740**	**26775**
3MHz	QPSK	1	0	0	24.08	24	23.84
			8	0	24.11	23.96	23.91
			14	0	24.1	23.93	23.78
		8	0	1	21.3	21.26	21.45
			4	1	21.36	21.28	21.4
			7	1	21.39	21.28	21.42
		15	0	1	21.36	21.28	21.42
	16QAM	1	0	1	23.7	23.01	23.87
			8	1	23.63	23.06	23.86
			14	1	23.7	23.01	23.8
		8	0	2	21.28	21.42	21.32
			4	2	21.32	21.28	21.36
			7	2	21.32	21.25	21.32
		15	0	2	21.35	21.21	21.32

Conducted Power of LTE Band 26B(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					26715	**26740**	**26765**
5MHz	QPSK	1	0	0	21.62	23.7	23.98
			12	0	22	23.72	23.99
			24	0	22.03	23.77	23.91
		12	0	1	21.38	21.21	21.38
			6	1	21.35	21.3	21.46
			13	1	21.24	21.35	21.31
		25	0	1	21.31	21.23	21.36
	16QAM	1	0	1	23.17	23.34	23.47
			12	1	23.36	23.22	23.5
			24	1	23.37	23.18	23.43
		12	0	2	21.45	21.24	21.32
			6	2	21.43	21.26	21.41
			13	2	21.5	21.29	21.38
		25	0	2	21.38	21.48	21.28
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**		
					26740		
10MHz	QPSK	1	0	0	24.13		
			24	0	24.10		
			49	0	24.13		
		25	0	1	21.98		
			12	1	21.84		
			25	1	21.93		
		50	0	1	21.87		
	16QAM	1	0	1	23.13		
			24	1	23.13		
			49	1	23.20		
		25	0	2	21.84		
			12	2	21.93		
			25	2	21.96		
		50	0	2	21.86		

Conducted Power of LTE Band 41(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					39675	40620	41565
5MHz	QPSK	1	0	0	22.92	23.00	22.7
			12	0	22.88	23.05	22.76
			24	0	22.69	23.11	23.13
		12	0	1	21.91	21.99	21.89
			6	1	21.99	22.00	21.9
			13	1	21.89	21.94	21.92
		25	0	1	21.94	21.98	21.78
	16QAM	1	0	1	23.16	22.61	22.08
			12	1	22.84	22.71	22.27
			24	1	22.58	22.07	22.26
		12	0	2	20.85	21.06	20.97
			6	2	21.13	21.08	20.99
			13	2	21.03	21.01	20.96
		25	0	2	21.10	20.93	21.02
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					39700	40620	41540
10MHz	QPSK	1	0	0	22.88	22.93	22.75
			24	0	22.79	22.95	22.68
			49	0	22.87	22.83	22.77
		25	0	1	21.94	22	21.85
			12	1	21.96	21.95	21.83
			25	1	21.9	21.92	21.78
		50	0	1	21.66	21.51	21.49
	16QAM	1	0	1	22.62	22.49	22.34
			24	1	22.65	22.55	22.9
			49	1	22.71	22.77	22.92
		25	0	2	21.16	21.04	21.08
			12	2	21.23	21.09	21.07
			25	2	21.2	21.07	20.98
		50	0	2	20.74	20.67	20.67

Conducted Power of LTE Band 41(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					39725	**40620**	**41515**
15MHz	QPSK	1	0	0	22.94	22.84	22.72
			37	0	22.84	22.84	22.79
			74	0	22.87	22.81	22.86
		37	0	1	22.03	21.93	21.92
			19	1	21.89	21.89	21.89
			38	1	22	21.88	21.81
		75	0	1	21.67	21.54	21.4
	16QAM	1	0	1	22.51	22.84	22.68
			37	1	22.51	22.96	22.68
			74	1	22.61	22.9	22.75
		37	0	2	21.07	21.14	20.98
			19	2	21.08	21.14	21.03
			38	2	21.05	21.1	21
		75	0	2	20.69	20.71	20.63
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					39750	**40620**	**41490**
20MHz	QPSK	1	0	0	22.75	23.13	22.85
			49	0	22.76	23.11	22.81
			99	0	23.03	23.11	22.87
		50	0	1	21.9	21.94	21.84
			25	1	21.82	21.92	21.88
			50	1	21.97	21.98	21.81
		100	0	1	21.67	21.6	21.51
	16QAM	1	0	1	23.1	23.24	22.35
			49	1	23.13	23.16	22.29
			99	1	23.32	23.17	22.21
		50	0	2	21.11	21.17	21
			25	2	21.17	21.17	20.98
			50	2	21.22	21.09	20.97
		100	0	2	21.12	21.02	21.01

Conducted Power of LTE Band 66(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					131979	**132422**	**132665**
1.4MHz	QPSK	1	0	0	24.15	24.04	23.92
			2	0	24.06	24.08	23.86
			5	0	24.10	23.98	24.17
		3	0	0	23.87	23.90	23.86
			1	0	23.83	23.94	23.86
			3	0	23.81	23.92	23.86
		6	0	1	22.78	22.92	22.83
	16QAM	1	0	1	23.12	23.21	23.62
			2	1	23.20	23.19	23.59
			5	1	23.22	24.00	23.61
		3	0	1	22.93	23.03	22.98
			1	1	23.00	23.01	23.01
			3	1	22.90	22.82	22.93
		6	0	2	21.89	21.94	22.10
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					131987	**132422**	**132657**
3MHz	QPSK	1	0	0	24.12	23.66	24.14
			8	0	24.08	23.63	24.22
			14	0	24.07	23.57	24.17
		8	0	1	22.73	22.87	22.88
			4	1	22.76	22.86	22.91
			7	1	22.82	22.86	22.88
		15	0	1	22.79	22.97	22.97
	16QAM	1	0	1	22.59	23.01	23.23
			8	1	22.61	23.15	23.05
			14	1	22.67	23.33	23.00
		8	0	2	21.72	21.88	22.04
			4	2	21.72	21.95	21.93
			7	2	21.80	21.88	22.03
		15	0	2	21.83	21.97	22.11

Conducted Power of LTE Band 66(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					131997	**132422**	**132647**
5MHz	QPSK	1	0	0	23.72	24.01	23.95
			12	0	23.71	24.07	23.79
			24	0	23.66	23.96	23.80
		12	0	1	22.78	22.77	22.92
			6	1	22.87	22.93	22.84
			13	1	22.69	22.77	22.96
		25	0	1	22.80	22.91	22.90
	16QAM	1	0	1	23.22	23.11	22.51
			12	1	23.26	23.10	22.53
			24	1	23.17	22.94	22.95
		12	0	2	21.72	21.78	22.01
			6	2	21.78	21.97	22.01
			13	2	21.80	21.92	22.01
		25	0	2	21.95	21.90	21.85
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					132022	**132422**	**132622**
10MHz	QPSK	1	0	0	21.69	24.00	23.86
			24	0	22.35	24.09	23.89
			49	0	21.66	23.92	23.98
		25	0	1	21.82	22.75	22.92
			12	1	24.25	22.87	22.83
			25	1	23.78	22.79	22.85
		50	0	1	23.46	22.93	22.84
	16QAM	1	0	1	22.80	23.23	23.32
			24	1	23.28	23.28	23.35
			49	1	23.32	23.27	23.37
		25	0	2	22.02	21.94	22.05
			12	2	21.92	22.04	22.08
			25	2	22.00	21.97	22.11
		50	0	2	21.91	22.07	22.10

Conducted Power of LTE Band 66(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					132047	**132422**	**132597**
15MHz	QPSK	1	0	0	24.06	23.61	23.96
			38	0	24.00	23.76	24.07
			74	0	24.19	23.65	24.19
		38	0	1	22.73	22.75	22.82
			18	1	22.70	22.88	22.85
			37	1	22.80	22.81	22.88
		75	0	1	22.70	22.87	22.81
	16QAM	1	0	1	22.59	23.46	22.83
			38	1	22.54	23.64	23.09
			74	1	22.56	23.45	23.26
		38	0	2	21.86	21.98	21.90
			18	2	21.83	22.02	21.95
			37	2	21.88	21.92	21.98
		75	0	2	21.91	21.99	22.00
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					132072	**132422**	**132572**
20MHz	QPSK	1	0	0	24.07	23.95	23.86
			49	0	23.94	23.99	23.98
			99	0	24.07	23.84	24.31
		50	0	1	22.84	22.80	22.87
			25	1	22.75	22.91	22.76
			50	1	22.82	22.81	22.85
		100	0	1	22.74	22.90	22.82
	16QAM	1	0	1	23.06	23.18	22.97
			49	1	23.00	23.29	22.88
			99	1	23.15	23.15	22.92
		50	0	2	21.94	21.94	21.88
			25	2	21.94	22.08	21.91
			50	2	22.00	21.99	22.01
		100	0	2	21.84	21.99	21.93

Conducted Power of LTE Band 71(dBm)							
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					133147	**133297**	**133447**
5MHz	QPSK	1	0	0	22.61	22.35	22.34
			12	0	22.57	22.21	22.21
			24	0	22.96	22.22	22.18
		12	0	1	21.93	21.93	21.22
			6	1	21.94	21.83	21.28
			13	1	21.99	22.03	21.20
		25	0	1	22.04	21.93	21.26
	16QAM	1	0	1	22.56	21.37	21.83
			12	1	22.67	21.91	21.70
			24	1	22.66	21.95	22.11
		12	0	2	20.91	20.91	20.11
			6	2	20.84	20.86	20.78
			13	2	21.01	20.89	20.78
		25	0	2	20.96	20.80	20.87
Bandwidth	**Modulation**	**RB size**	**RB offset**	**Target MPR**	**Channel**	**Channel**	**Channel**
					133172	**133297**	**133422**
10MHz	QPSK	1	0	0	22.73	22.97	22.21
			24	0	23.15	22.76	22.31
			49	0	22.67	22.70	22.23
		25	0	1	22.06	21.41	21.84
			12	1	22.02	21.89	21.36
			25	1	21.94	21.89	21.35
		50	0	1	22.04	21.95	21.32
	16QAM	1	0	1	22.51	21.81	22.26
			24	1	22.56	22.18	22.36
			49	1	22.04	21.72	22.42
		25	0	2	20.99	20.94	20.91
			12	2	20.98	20.90	20.92
			25	2	20.95	20.84	20.90
		50	0	2	20.97	20.89	20.88

Conducted Power of LTE Band 71(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					133197	133297	133397
15MHz	QPSK	1	0	0	22.66	22.52	22.55
			38	0	23.13	22.27	22.48
			74	0	22.68	22.33	22.40
		38	0	1	22.02	21.45	21.45
			18	1	22.02	21.91	21.92
			37	1	21.59	21.44	21.31
		75	0	1	21.95	21.96	21.88
	16QAM	1	0	1	22.18	22.88	22.27
			38	1	22.17	23.12	22.76
			74	1	21.72	22.54	22.41
		38	0	2	21.00	20.97	20.82
			18	2	21.01	20.91	20.93
			37	2	20.73	20.45	20.29
		75	0	2	20.89	20.93	20.90
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					133222	133322	133372
20MHz	QPSK	1	0	0	22.48	22.49	22.68
			49	0	22.45	22.44	22.61
			99	0	22.39	22.49	22.54
		50	0	1	22.00	23.22	21.44
			25	1	21.48	21.91	21.40
			50	1	21.43	21.41	21.31
		100	0	1	21.56	21.86	21.37
	16QAM	1	0	1	22.55	22.48	22.23
			49	1	22.15	22.78	21.96
			99	1	22.57	22.85	21.76
		50	0	2	21.04	20.63	20.50
			25	2	21.05	20.92	20.82
			50	2	21.05	20.49	21.00
		100	0	2	20.98	20.83	20.94

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	9.03
		06	2437	10.8
		11	2462	12.05
802.11g	6	01	2412	11.46
		06	2437	12.13
		11	2462	13.13
802.11n(20)	6.5	01	2412	11.53
		06	2437	12.21
		11	2462	13.3

Bluetooth_V4.0(BR/EDR)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	6.41
	39	2441	5.84
	78	2480	6.87
π /4-DQPSK	0	2402	7.06
	39	2441	7.07
	78	2480	7.51
8-DPSK	0	2402	7.35
	39	2441	7.3
	78	2480	7.74

Bluetooth_V4.0(BLE)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK(1Mbps)	0	2402	-1.11
	19	2440	-1.03
	39	2480	0.08
GFSK(2Mbps)	0	2402	-1.05
	19	2440	-1.21
	39	2480	-0.06

5GHz WIFI

5.2G WLAN			
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)
802.11a	36	5180	10.99
	40	5200	9.96
	48	5240	9.97
802.11 n-HT20	36	5180	10.79
	40	5200	9.95
	48	5240	9.95
802.11ac-VHT20	36	5180	10.75
	40	5200	9.89
	48	5240	9.93
802.11ac-VHT40	38	5190	10.99
	46	5230	10.38
802.11ac-VHT80	42	5210	10.11

5.3G WLAN			
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)
802.11a	52	5260	11.7
	60	5300	11.72
	64	5320	11.77
802.11 n-HT20	52	5260	11.58
	60	5300	11.68
	64	5320	11.65
802.11ac-VHT20	52	5260	11.65
	60	5300	11.68
	64	5320	11.73
802.11ac-VHT40	54	5270	12.14
	62	5310	12.32
802.11ac-VHT80	58	5290	12.05

5.6G WLAN			
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)
802.11a	100	5500	11.9
	116	5580	11.07
	140	5700	8.72
802.11 n-HT20	100	5500	11.87
	116	5580	11.19
	140	5700	8.97
802.11ac-VHT20	100	5500	11.99
	116	5580	11.31
	140	5700	8.97
802.11ac-VHT40	102	5510	10.92
	110	5550	12.25
	134	5670	9.62
802.11ac-VHT80	106	5530	11.72
	122	5610	10.37

5.8G WLAN			
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)
802.11a	149	5745	12.29
	157	5785	11.63
	165	5825	11.14
802.11 n-HT20	149	5745	12.37
	157	5785	11.58
	165	5825	11.34
802.11ac-VHT20	149	5745	12.31
	157	5785	11.55
	165	5825	11.25
802.11ac-VHT40	151	5755	12.25
	159	5795	12
802.11ac-VHT80	155	5775	12.38

13. TEST RESULTS

13.1. SAR Test Results Summary

13.1.1. Test position and configuration

Head SAR was performed with the device configured in the positions according to IEEE 1528-2013, Body-worn and 4 Edges SAR was performed with the device 10mm from the phantom.

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. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call mode is selected to be test.
4. Per KDB 648474 D04 v01r03,when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤1.2W/kg, SAR testing with a headset connected is not required.
5. 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.
6. 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.

7. 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.
8. 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)]
9. Proximity sensor, just for avoiding the wrong operation in the phone screen when call, and has no influence on output power or SAR result
10. 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.
11. Per KDB 941125 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
12. 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.
13. 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.
14. 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			Relative Humidity (%): 55						
Product: MOJO									
Test Mode: GSM850 with GMSK modulation									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
SIM 1 Card									
Left Cheek	voice	190	836.6	-3.51	0.255	30.5	30.26	0.269	1.6
Left Tilt	voice	190	836.6	3.95	0.189	30.5	30.26	0.200	1.6
Right Cheek	voice	190	836.6	-2.48	0.267	30.5	30.26	0.282	1.6
Right Tilt	voice	190	836.6	3.50	0.205	30.5	30.26	0.217	1.6
Body back	voice	190	836.6	-3.98	0.404	30.5	30.26	0.427	1.6
Body front	voice	190	836.6	3.97	0.23	30.5	30.26	0.243	1.6
Body back	GPRS-2 slot	190	836.6	0.17	0.346	28.5	28.07	0.382	1.6
Body front	GPRS-2 slot	190	836.6	0.37	0.231	28.5	28.07	0.255	1.6
Edge 2(Right)	GPRS-2 slot	190	836.6	1.09	0.151	28.5	28.07	0.167	1.6
Edge 3(Bottom)	GPRS-2 slot	190	836.6	-2.84	0.176	28.5	28.07	0.194	1.6
Edge 4(Left)	GPRS-2 slot	190	836.6	-1.89	0.279	28.5	28.07	0.308	1.6
Product: MOX 2									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
SIM 1 Card									
Left Cheek	voice	190	836.6	-2.61	0.321	30.5	30.26	0.339	1.6
Left Tilt	voice	190	836.6	1.62	0.251	30.5	30.26	0.265	1.6
Right Cheek	voice	190	836.6	0.44	0.361	30.5	30.26	0.382	1.6
Right Tilt	Voice	190	836.6	-0.90	0.275	30.5	30.26	0.291	1.6
Body back	voice	190	836.6	-3.64	0.47	30.5	30.26	0.497	1.6
Body front	voice	190	836.6	-0.87	0.233	30.5	30.26	0.246	1.6
Body back	GPRS-2 slot	190	836.6	-3.02	0.259	28.5	28.07	0.286	1.6
Body front	GPRS-2 slot	190	836.6	2.24	0.213	28.5	28.07	0.235	1.6
Edge 2(Right)	GPRS-2 slot	190	836.6	3.65	0.257	28.5	28.07	0.284	1.6
Edge 3(Bottom)	GPRS-2 slot	190	836.6	-1.50	0.203	28.5	28.07	0.224	1.6
Edge 4(Left)	GPRS-2 slot	190	836.6	-3.92	0.166	28.5	28.07	0.183	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 55					
Product: MOJO									
Test Mode: PCS1900 with GMSK modulation									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
SIM 1 Card									
Left Cheek	voice	661	1880.0	3.29	0.045	27.5	27.0	0.050	1.6
Left Tilt	voice	661	1880.0	-1.26	0.026	27.5	27.0	0.029	1.6
Right Cheek	voice	661	1880.0	-2.16	0.063	27.5	27.0	0.071	1.6
Right Tilt	voice	661	1880.0	2.68	0.056	27.5	27.0	0.063	1.6
Body back	voice	661	1880.0	-0.98	0.435	27.5	27.0	0.488	1.6
Body front	voice	661	1880.0	2.89	0.368	27.5	27.0	0.413	1.6
Body back	GPRS-3 slot	661	1880	-1.93	0.551	23.5	23.12	0.601	1.6
Body front	GPRS-3 slot	661	1880	-2.87	0.275	23.5	23.12	0.300	1.6
Edge 2(Right)	GPRS-3 slot	661	1880	-0.23	0.279	23.5	23.12	0.305	1.6
Edge 3(Bottom)	GPRS-3 slot	661	1880	-1.70	0.349	23.5	23.12	0.381	1.6
Edge 4(Left)	GPRS-3 slot	661	1880	2.87	0.079	23.5	23.12	0.086	1.6
Product: MOX 2									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
SIM 1 Card									
Left Cheek	voice	661	1880.0	-1.17	0.065	27.5	27.0	0.073	1.6
Left Tilt	voice	661	1880.0	3.72	0.039	27.5	27.0	0.044	1.6
Right Cheek	voice	661	1880.0	0.40	0.073	27.5	27.0	0.082	1.6
Right Tilt	voice	661	1880.0	-3.00	0.047	27.5	27.0	0.053	1.6
Body back	voice	661	1880.0	0.13	0.463	27.5	27.0	0.519	1.6
Body front	voice	661	1880.0	-3.31	0.265	27.5	27.0	0.297	1.6
Body back	GPRS-3 slot	661	1880	-0.46	0.3	23.5	23.12	0.327	1.6
Body front	GPRS-3 slot	661	1880	-2.54	0.194	23.5	23.12	0.212	1.6
Edge 2(Right)	GPRS-3 slot	661	1880	-1.96	0.063	23.5	23.12	0.069	1.6
Edge 3(Bottom)	GPRS-3 slot	661	1880	-0.19	0.194	23.5	23.12	0.212	1.6
Edge 4(Left)	GPRS-3 slot	661	1880	-0.49	0.067	23.5	23.12	0.073	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	18900	1880	2.44	0.175	24.5	24.37	0.180	1.6
		Left Tilt	1	0	18900	1880	-0.77	0.125	24.5	24.37	0.129	1.6
		Right Cheek	1	0	18900	1880	-2.58	0.199	24.5	24.37	0.205	1.6
		Right Tilt	1	0	18900	1880	-0.68	0.131	24.5	24.37	0.135	1.6
		Body back	1	0	18700	1860	2.87	0.814	24.5	24.06	0.901	1.6
		Body back	1	0	18900	1880	0.24	0.979	24.5	24.37	1.009	1.6
		Body back	1	0	19100	1900	3.90	0.825	24.5	24	0.926	1.6
		Body front	1	0	18900	1880	-3.07	0.506	24.5	24.37	0.521	1.6
		Edge 2(Right)	1	0	18900	1880	3.52	0.598	24.5	24.37	0.616	1.6
		Edge 3(Bottom)	1	0	18900	1880	-2.46	0.733	24.5	24.37	0.755	1.6
		Edge 4(Left)	1	0	18900	1880	2.37	0.625	24.5	24.37	0.644	1.6
Product: MOX 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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	18900	1880	0.21	0.175	24.5	24.37	0.180	1.6
		Left Tilt	1	0	18900	1880	2.63	0.078	24.5	24.37	0.080	1.6
		Right Cheek	1	0	18900	1880	-0.67	0.187	24.5	24.37	0.193	1.6
		Right Tilt	1	0	18900	1880	-3.29	0.095	24.5	24.37	0.098	1.6
		Body back	1	0	18700	1860	-0.13	0.914	24.5	24.06	1.011	1.6
		Body back	1	0	18900	1880	-2.94	0.995	24.5	24.37	1.025	1.6
		Body back	1	0	19100	1900	2.15	0.895	24.5	24	1.004	1.6
		Body front	1	0	18900	1880	-3.25	0.393	24.5	24.37	0.405	1.6
		Edge 2(Right)	1	0	18900	1880	-3.23	0.121	24.5	24.37	0.125	1.6
		Edge 3(Bottom)	1	0	18900	1880	1.55	0.562	24.5	24.37	0.579	1.6
		Edge 4(Left)	1	0	18900	1880	1.08	0.246	24.5	24.37	0.253	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	20175	1732.5	-1.36	0.122	23.5	23.32	0.127	1.6
		Left Tilt	1	0	20175	1732.5	-1.57	0.051	23.5	23.32	0.053	1.6
		Right Cheek	1	0	20175	1732.5	-3.82	0.134	23.5	23.32	0.140	1.6
		Right Tilt	1	0	20175	1732.5	0.68	0.034	23.5	23.32	0.035	1.6
		Body back	1	0	20175	1732.5	1.80	0.665	23.5	23.32	0.693	1.6
		Body front	1	0	20175	1732.5	0.92	0.329	23.5	23.32	0.343	1.6
		Edge 2(Right)	1	0	20175	1732.5	0.56	0.092	23.5	23.32	0.096	1.6
		Edge 3(Bottom)	1	0	20175	1732.5	-1.39	0.098	23.5	23.32	0.102	1.6
		Edge 4(Left)	1	0	20175	1732.5	0.33	0.233	23.5	23.32	0.243	1.6
Product: MOX 2												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	20175	1732.5	-3.11	0.077	23.5	23.32	0.080	1.6
		Left Tilt	1	0	20175	1732.5	-2.11	0.053	23.5	23.32	0.055	1.6
		Right Cheek	1	0	20175	1732.5	-2.47	0.093	23.5	23.32	0.097	1.6
		Right Tilt	1	0	20175	1732.5	3.39	0.06	23.5	23.32	0.063	1.6
		Body back	1	0	20175	1732.5	-3.85	0.752	23.5	23.32	0.784	1.6
		Body front	1	0	20175	1732.5	-2.94	0.211	23.5	23.32	0.220	1.6
		Edge 2(Right)	1	0	20175	1732.5	-2.53	0.068	23.5	23.32	0.071	1.6
		Edge 3(Bottom)	1	0	20175	1732.5	-0.71	0.625	23.5	23.32	0.651	1.6
		Edge 4(Left)	1	0	20175	1732.5	-0.99	0.125	23.5	23.32	0.130	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
10	**QPSK**	Left Cheek	1	0	20525	836.5	-2.67	0.213	24.5	23.69	0.257	1.6
		Left Tilt	1	0	20525	836.5	1.33	0.152	24.5	23.69	0.183	1.6
		Right Cheek	1	0	20525	836.5	-1.35	0.226	24.5	23.69	0.272	1.6
		Right Tilt	1	0	20525	836.5	2.47	0.159	24.5	23.69	0.192	1.6
		Body back	1	0	20525	836.5	-0.38	0.298	24.5	23.69	0.359	1.6
		Body front	1	0	20525	836.5	3.94	0.211	24.5	23.69	0.254	1.6
		Edge 2(Right)	1	0	20525	836.5	1.26	0.281	24.5	23.69	0.339	1.6
		Edge 3(Bottom)	1	0	20525	836.5	-1.55	0.24	24.5	23.69	0.289	1.6
		Edge 4(Left)	1	0	20525	836.5	2.36	0.224	24.5	23.69	0.270	1.6
Product: MOX 2												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
10	**QPSK**	Left Cheek	1	0	20525	836.5	0.16	0.298	24.5	23.69	0.359	1.6
		Left Tilt	1	0	20525	836.5	0.98	0.21	24.5	23.69	0.253	1.6
		Right Cheek	1	0	20525	836.5	-1.16	0.312	24.5	23.69	0.376	1.6
		Right Tilt	1	0	20525	836.5	2.13	0.223	24.5	23.69	0.269	1.6
		Body back	1	0	20525	836.5	3.29	0.314	24.5	23.69	0.378	1.6
		Body front	1	0	20525	836.5	1.39	0.242	24.5	23.69	0.292	1.6
		Edge 2(Right)	1	0	20525	836.5	-3.64	0.257	24.5	23.69	0.310	1.6
		Edge 3(Bottom)	1	0	20525	836.5	-2.78	0.332	24.5	23.69	0.400	1.6
		Edge 4(Left)	1	0	20525	836.5	-1.72	0.132	24.5	23.69	0.159	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%):						
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
10	**QPSK**	Left Cheek	1	0	23095	707.5	2.94	0.205	24.5	23.74	0.248	1.6
		Left Tilt	1	0	23095	707.5	0.28	0.123	24.5	23.74	0.147	1.6
		Right Cheek	1	0	23095	707.5	2.95	0.211	24.5	23.74	0.251	1.6
		Right Tilt	1	0	23095	707.5	3.12	0.154	24.5	23.74	0.183	1.6
		Body back	1	0	23095	707.5	1.18	0.314	24.5	23.74	0.374	1.6
		Body front	1	0	23095	707.5	-2.52	0.243	24.5	23.74	0.289	1.6
		Edge 2(Right)	1	0	23095	707.5	0.26	0.317	24.5	23.74	0.378	1.6
		Edge 3(Bottom)	1	0	23095	707.5	1.15	0.147	24.5	23.74	0.175	1.6
		Edge 4(Left)	1	0	23095	707.5	-2.60	0.221	24.5	23.74	0.263	1.6
Product: MOX 2												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
10	**QPSK**	Left Cheek	1	0	23095	707.5	1.81	0.253	24.5	23.74	0.301	1.6
		Left Tilt	1	0	23095	707.5	3.13	0.195	24.5	23.74	0.232	1.6
		Right Cheek	1	0	23095	707.5	2.97	0.292	24.5	23.74	0.348	1.6
		Right Tilt	1	0	23095	707.5	-2.43	0.217	24.5	23.74	0.258	1.6
		Body back	1	0	23095	707.5	2.19	0.372	24.5	23.74	0.443	1.6
		Body front	1	0	23095	707.5	0.69	0.297	24.5	23.74	0.354	1.6
		Edge 2(Right)	1	0	23095	707.5	-2.92	0.307	24.5	23.74	0.366	1.6
		Edge 3(Bottom)	1	0	23095	707.5	-3.28	0.183	24.5	23.74	0.218	1.6
		Edge 4(Left)	1	0	23095	707.5	-1.71	0.269	24.5	23.74	0.320	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
10	**QPSK**	Left Cheek	1	0	23230	782	-2.25	0.114	23.6	23.6	0.114	1.6
		Left Tilt	1	0	23230	782	-2.39	0.058	24	23.6	0.064	1.6
		Right Cheek	1	0	23230	782	-3.71	0.123	24	23.6	0.135	1.6
		Right Tilt	1	0	23230	782	-3.84	0.074	24	23.6	0.081	1.6
		Body back	1	0	23230	782	-3.08	0.151	24	23.6	0.166	1.6
		Body front	1	0	23230	782	-2.85	0.095	24	23.6	0.104	1.6
		Edge 2(Right)	1	0	23230	782	-1.45	0.141	24	23.6	0.155	1.6
		Edge 3(Bottom)	1	0	23230	782	-3.20	0.115	24	23.6	0.126	1.6
		Edge 4(Left)	1	0	23230	782	-1.46	0.076	24	23.6	0.083	1.6
Product: MOX 2												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
10	**QPSK**	Left Cheek	1	0	23230	782	-3.34	0.141	23.6	23.6	0.141	1.6
		Left Tilt	1	0	23230	782	2.83	0.102	24	23.6	0.112	1.6
		Right Cheek	1	0	23230	782	3.86	0.156	24	23.6	0.171	1.6
		Right Tilt	1	0	23230	782	-3.65	0.123	24	23.6	0.135	1.6
		Body back	1	0	23230	782	-0.59	0.142	24	23.6	0.156	1.6
		Body front	1	0	23230	782	-0.93	0.137	24	23.6	0.150	1.6
		Edge 2(Right)	1	0	23230	782	-2.14	0.114	24	23.6	0.125	1.6
		Edge 3(Bottom)	1	0	23230	782	-3.18	0.125	24	23.6	0.137	1.6
		Edge 4(Left)	1	0	23230	782	2.39	0.11	24	23.6	0.121	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	26365	1882.5	3.10	0.132	23.5	23.32	0.138	1.6
		Left Tilt	1	0	26365	1882.5	2.86	0.085	23.5	23.32	0.089	1.6
		Right Cheek	1	0	26365	1882.5	-1.72	0.14	23.5	23.32	0.146	1.6
		Right Tilt	1	0	26365	1882.5	2.71	0.103	23.5	23.32	0.107	1.6
		Body back	1	0	26365	1882.5	2.07	0.618	23.5	23.32	0.644	1.6
		Body front	1	0	26365	1882.5	3.23	0.284	23.5	23.32	0.296	1.6
		Edge 2(Right)	1	0	26365	1882.5	-1.18	0.098	23.5	23.32	0.102	1.6
		Edge 3(Bottom)	1	0	26365	1882.5	-1.61	0.586	23.5	23.32	0.611	1.6
		Edge 4(Left)	1	0	26365	1882.5	-2.22	0.14	23.5	23.32	0.146	1.6
Product: MOX 2												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	26365	1882.5	-2.52	0.128	23.5	23.32	0.133	1.6
		Left Tilt	1	0	26365	1882.5	-2.58	0.074	23.5	23.32	0.077	1.6
		Right Cheek	1	0	26365	1882.5	-3.46	0.147	23.5	23.32	0.153	1.6
		Right Tilt	1	0	26365	1882.5	-3.67	0.064	23.5	23.32	0.067	1.6
		Body back	1	0	26365	1882.5	-3.16	0.725	23.5	23.32	0.756	1.6
		Body front	1	0	26365	1882.5	0.12	0.281	23.5	23.32	0.293	1.6
		Edge 2(Right)	1	0	26365	1882.5	-0.92	0.111	23.5	23.32	0.116	1.6
		Edge 3(Bottom)	1	0	26365	1882.5	3.35	0.566	23.5	23.32	0.590	1.6
		Edge 4(Left)	1	0	26365	1882.5	-0.09	0.16	23.5	23.32	0.167	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
Test Mode: LTE Band 26												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/Kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
15	**QPSK**	Left Cheek	1	0	26865	831.5	-1.48	0.214	24.5	23.89	0.246	1.6
		Left Tilt	1	0	26865	831.5	0.90	0.201	24.5	23.89	0.231	1.6
		Right Cheek	1	0	26865	831.5	0.83	0.226	24.5	23.89	0.260	1.6
		Right Tilt	1	0	26865	831.5	0.10	0.21	24.5	23.89	0.242	1.6
		Body back	1	0	26865	831.5	3.17	0.267	24.5	23.89	0.307	1.6
		Body front	1	0	26865	831.5	2.55	0.224	24.5	23.89	0.258	1.6
		Edge 2(Right)	1	0	26865	831.5	3.83	0.212	24.5	23.89	0.244	1.6
		Edge 3(Bottom)	1	0	26865	831.5	1.96	0.242	24.5	23.89	0.278	1.6
		Edge 4(Left)	1	0	26865	831.5	1.20	0.135	24.5	23.89	0.155	1.6
Product: MOX 2												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/Kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
15	**QPSK**	Left Cheek	1	0	26865	831.5	-2.01	0.298	24.5	23.89	0.343	1.6
		Left Tilt	1	0	26865	831.5	-0.43	0.21	24.5	23.89	0.242	1.6
		Right Cheek	1	0	26865	831.5	-2.86	0.328	24.5	23.89	0.377	1.6
		Right Tilt	1	0	26865	831.5	3.63	0.246	24.5	23.89	0.283	1.6
		Body back	1	0	26865	831.5	2.09	0.304	24.5	23.89	0.350	1.6
		Body front	1	0	26865	831.5	-3.48	0.26	24.5	23.89	0.299	1.6
		Edge 2(Right)	1	0	26865	831.5	0.39	0.315	24.5	23.89	0.363	1.6
		Edge 3(Bottom)	1	0	26865	831.5	-3.76	0.205	24.5	23.89	0.236	1.6
		Edge 4(Left)	1	0	26865	831.5	-2.65	0.284	24.5	23.89	0.327	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	40620	2593	1.45	0.052	23.5	23.13	0.057	1.6
		Left Tilt	1	0	40620	2593	1.84	0.048	23.5	23.13	0.052	1.6
		Right Cheek	1	0	40620	2593	1.12	0.054	23.5	23.13	0.059	1.6
		Right Tilt	1	0	40620	2593	3.87	0.051	23.5	23.13	0.056	1.6
		Body back	1	0	39750	2506	2.04	0.758	23.5	22.76	0.899	1.6
		Body back	1	0	40620	2593	3.09	0.834	23.5	23.13	0.908	1.6
		Body back	1	0	41490	2680	-3.31	0.759	23.5	22.85	0.882	1.6
		Body front	1	0	40620	2593	1.83	0.462	23.5	23.13	0.503	1.6
		Edge 2(Right)	1	0	40620	2593	0.53	0.188	23.5	23.13	0.205	1.6
		Edge 3(Bottom)	1	0	40620	2593	1.07	0.247	23.5	23.13	0.269	1.6
		Edge 4(Left)	1	0	40620	2593	0.72	0.122	23.5	23.13	0.133	1.6
Product: MOX 2												
BW MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	40620	2593	3.13	0.021	23.5	23.13	0.023	1.6
		Left Tilt	1	0	40620	2593	2.15	0.022	23.5	23.13	0.024	1.6
		Right Cheek	1	0	40620	2593	0.02	0.025	23.5	23.13	0.027	1.6
		Right Tilt	1	0	40620	2593	-3.84	0.024	23.5	23.13	0.026	1.6
		Body back	1	0	39750	2506	-1.34	0.699	23.5	23.13	0.761	1.6
		Body front	1	0	40620	2593	-1.96	0.576	23.5	23.13	0.627	1.6
		Edge 2(Right)	1	0	41490	2680	3.16	0.157	23.5	23.13	0.171	1.6
		Edge 3(Bottom)	1	0	40620	2593	-2.16	0.193	23.5	23.13	0.210	1.6
		Edge 4(Left)	1	0	40620	2593	-2.77	0.049	23.5	23.13	0.053	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
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)**	**Scaled SAR (W/Kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	132422	1755	-0.99	0.142	24.5	23.95	0.161	1.6
		Left Tilt	1	0	132422	1755	-1.64	0.053	24.5	23.95	0.060	1.6
		Right Cheek	1	0	132422	1755	-2.52	0.15	24.5	23.95	0.170	1.6
		Right Tilt	1	0	132422	1755	0.48	0.057	24.5	23.95	0.065	1.6
		Body back	1	0	132072	1720	2.82	0.832	24.5	24.07	0.919	1.6
		Body back	1	0	132422	1755	1.19	0.858	24.5	23.95	0.974	1.6
		Body back	1	0	132572	1770	-3.29	0.81	24.5	23.86	0.939	1.6
		Body front	1	0	132422	1755	1.60	0.404	24.5	23.95	0.459	1.6
		Edge 2(Right)	1	0	132422	1755	3.83	0.089	24.5	23.95	0.101	1.6
		Edge 3(Bottom)	1	0	132422	1755	-0.20	0.52	24.5	23.95	0.590	1.6
		Edge 4(Left)	1	0	132422	1755	-1.23	0.078	24.5	23.95	0.089	1.6
Product: MOX 2												
BW MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/Kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	132422	1755	-2.68	0.098	24.5	23.95	0.111	1.6
		Left Tilt	1	0	132422	1755	-2.20	0.056	24.5	23.95	0.064	1.6
		Right Cheek	1	0	132422	1755	3.87	0.108	24.5	23.95	0.123	1.6
		Right Tilt	1	0	132422	1755	-2.73	0.064	24.5	23.95	0.073	1.6
		Body back	1	0	132072	1720	0.54	0.799	24.5	24.07	0.882	1.6
		Body back	1	0	132422	1755	1.74	0.825	24.5	23.95	0.936	1.6
		Body back	1	0	132572	1770	2.26	0.796	24.5	23.86	0.922	1.6
		Body front	1	0	132422	1755	2.03	0.616	24.5	23.95	0.699	1.6
		Edge 2(Right)	1	0	132422	1755	3.09	0.092	24.5	23.95	0.104	1.6
		Edge 3(Bottom)	1	0	132422	1755	3.59	0.251	24.5	23.95	0.285	1.6
		Edge 4(Left)	1	0	132422	1755	1.39	0.136	24.5	23.95	0.154	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%):							
Product: MOJO												
Test Mode: LTE Band 71												
BW MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/Kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	133322	683	-2.95	0.125	23	22.49	0.141	1.6
		Left Tilt	1	0	133322	683	-1.09	0.111	23	22.49	0.125	1.6
		Right Cheek	1	0	133322	683	2.96	0.167	23	22.49	0.188	1.6
		Right Tilt	1	0	133322	683	-0.91	0.147	23	22.49	0.165	1.6
		Body back	1	0	133322	683	-3.26	0.2	23	22.49	0.225	1.6
		Body front	1	0	133322	683	-2.64	0.181	23	22.49	0.204	1.6
		Edge 2(Right)	1	0	133322	683	3.84	0.144	23	22.49	0.162	1.6
		Edge 3(Bottom)	1	0	133322	683	-2.87	0.092	23	22.49	0.103	1.6
		Edge 4(Left)	1	0	133322	683	0.86	0.113	23	22.49	0.127	1.6
Product: MOX 2												
BW MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/Kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
20	**QPSK**	Left Cheek	1	0	133322	683	-3.20	0.171	23	22.49	0.192	1.6
		Left Tilt	1	0	133322	683	0.03	0.125	23	22.49	0.141	1.6
		Right Cheek	1	0	133322	683	1.41	0.193	23	22.49	0.217	1.6
		Right Tilt	1	0	133322	683	0.87	0.148	23	22.49	0.166	1.6
		Body back	1	0	133322	683	3.51	0.258	23	22.49	0.290	1.6
		Body front	1	0	133322	683	0.73	0.211	23	22.49	0.237	1.6
		Edge 2(Right)	1	0	133322	683	-2.29	0.122	23	22.49	0.137	1.6
		Edge 3(Bottom)	1	0	133322	683	3.66	0.067	23	22.49	0.075	1.6
		Edge 4(Left)	1	0	133322	683	3.07	0.103	23	22.49	0.116	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT									
Depth of Liquid (cm):>15			Relative Humidity (%):						
Product: MOJO									
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	DTS	6	2437	-0.02	0.112	11	10.8	0.117	1.6
Left Tilt	DTS	6	2437	0.26	0.098	11	10.8	0.103	1.6
Right Cheek	DTS	6	2437	2.03	0.124	11	10.8	0.130	1.6
Right Tilt	DTS	6	2437	-0.28	0.121	11	10.8	0.127	1.6
Body back	DTS	6	2437	0.08	0.096	11	10.8	0.101	1.6
Body front	DTS	6	2437	-1.10	0.081	11	10.8	0.085	1.6
Edge 1 (Top)	DTS	6	2437	0.65	0.068	11	10.8	0.071	1.6
Edge 2(Right)	DTS	6	2437	-3.50	0.103	11	10.8	0.108	1.6
Product: MOX 2									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	DTS	6	2437	-2.82	0.075	11	10.8	0.079	1.6
Left Tilt	DTS	6	2437	0.10	0.07	11	10.8	0.073	1.6
Right Cheek	DTS	6	2437	0.07	0.094	11	10.8	0.098	1.6
Right Tilt	DTS	6	2437	-3.94	0.091	11	10.8	0.095	1.6
Body back	DTS	6	2437	3.69	0.078	11	10.8	0.082	1.6
Body front	DTS	6	2437	-2.46	0.072	11	10.8	0.075	1.6
Edge 1 (Top)	DTS	6	2437	-1.21	0.067	11	10.8	0.070	1.6
Edge 2(Right)	DTS	6	2437	-2.68	0.067	11	10.8	0.070	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 back, body front and 4 Edges is 10mm of all above table.

SAR MEASUREMENT								
Depth of Liquid (cm):>15				Relative Humidity (%): 50.7				
Product: MOJO								
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)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	36	5180	0.30	0.258	11	10.99	0.259	1.6
Left Tilt	36	5180	0.33	0.12	11	10.99	0.120	1.6
Right Cheek	36	5180	3.25	0.318	11	10.99	0.319	1.6
Right Tilt	36	5180	-1.21	0.174	11	10.99	0.174	1.6
Body back	36	5180	-1.46	0.261	11	10.99	0.262	1.6
Body front	36	5180	-3.28	0.221	11	10.99	0.222	1.6
Edge 1 (Top)	36	5180	-1.21	0.198	11	10.99	0.198	1.6
Edge 2(Right)	36	5180	1.98	0.21	11	10.99	0.210	1.6
Product: MOX 2								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	36	5180	-2.94	0.135	11	10.99	0.135	1.6
Left Tilt	36	5180	0.06	0.123	11	10.99	0.123	1.6
Right Cheek	36	5180	-0.79	0.156	11	10.99	0.156	1.6
Right Tilt	36	5180	-0.68	0.145	11	10.99	0.145	1.6
Body back	36	5180	0.25	0.118	11	10.99	0.118	1.6
Body front	36	5180	-2.65	0.098	11	10.99	0.098	1.6
Edge 1 (Top)	36	5180	-1.48	0.105	11	10.99	0.105	1.6
Edge 2(Right)	36	5180	2.13	0.047	11	10.99	0.047	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT								
Depth of Liquid (cm):>15			Relative Humidity (%): 50.7					
Product: MOJO								
Test Mode: 5.3GHz WIFI-802.11ac-VHT40								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	60	5300	-0.79	0.258	12.5	12.32	0.269	1.6
Left Tilt	60	5300	-2.82	0.244	12.5	12.32	0.254	1.6
Right Cheek	60	5300	-2.95	0.362	12.5	12.32	0.377	1.6
Right Tilt	60	5300	-2.57	0.274	12.5	12.32	0.286	1.6
Body back	60	5300	-3.15	0.223	12.5	12.32	0.232	1.6
Body front	60	5300	0.47	0.177	12.5	12.32	0.184	1.6
Edge 1 (Top)	60	5300	-2.35	0.166	12.5	12.32	0.173	1.6
Edge 2(Right)	60	5300	0.16	0.068	12.5	12.32	0.071	1.6
Product: MOX 2								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	60	5300	0.05	0.165	12.5	12.32	0.172	1.6
Left Tilt	60	5300	1.80	0.123	12.5	12.32	0.128	1.6
Right Cheek	60	5300	-3.07	0.196	12.5	12.32	0.204	1.6
Right Tilt	60	5300	1.55	0.149	12.5	12.32	0.155	1.6
Body back	60	5300	-0.39	0.091	12.5	12.32	0.095	1.6
Body front	60	5300	-0.31	0.075	12.5	12.32	0.078	1.6
Edge 1 (Top)	60	5300	3.42	0.071	12.5	12.32	0.074	1.6
Edge 2(Right)	60	5300	-0.56	0.075	12.5	12.32	0.078	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT								
Depth of Liquid (cm):>15				Relative Humidity (%): 50.7				
Product: MOJO								
Test Mode: 5.6GHzWIFI- 802.11ac-VHT40								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	110	5550	1.72	0.352	12.5	12.25	0.373	1.6
Left Tilt	110	5550	1.65	0.125	12.5	12.25	0.132	1.6
Right Cheek	110	5550	-1.51	0.391	12.5	12.25	0.414	1.6
Right Tilt	110	5550	2.24	0.11	12.5	12.25	0.117	1.6
Body back	110	5550	1.73	0.085	12.5	12.25	0.090	1.6
Body front	110	5550	2.91	0.075	12.5	12.25	0.079	1.6
Edge 1 (Top)	110	5550	-1.20	0.063	12.5	12.25	0.067	1.6
Edge 2(Right)	110	5550	-3.87	0.074	12.5	12.25	0.078	1.6
Product: MOX 2								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	110	5550	1.94	0.115	12.5	12.25	0.122	1.6
Left Tilt	110	5550	0.73	0.078	12.5	12.25	0.083	1.6
Right Cheek	110	5550	3.63	0.13	12.5	12.25	0.138	1.6
Right Tilt	110	5550	-2.69	0.107	12.5	12.25	0.113	1.6
Body back	110	5550	-3.07	0.086	12.5	12.25	0.091	1.6
Body front	110	5550	-1.56	0.064	12.5	12.25	0.068	1.6
Edge 1 (Top)	110	5550	2.42	0.045	12.5	12.25	0.048	1.6
Edge 2(Right)	110	5550	0.66	0.036	12.5	12.25	0.038	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT								
Depth of Liquid (cm):>15								
Product: MOJO								
Test Mode: 5.8GHz WIFI-802.11ac-VHT80								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	155	5775	-0.37	0.165	12.5	12.38	0.170	1.6
Left Tilt	155	5775	-1.83	0.052	12.5	12.38	0.053	1.6
Right Cheek	155	5775	3.10	0.183	12.5	12.38	0.188	1.6
Right Tilt	155	5775	-0.09	0.083	12.5	12.38	0.085	1.6
Body back	155	5775	2.58	0.092	12.5	12.38	0.095	1.6
Body front	155	5775	3.29	0.045	12.5	12.38	0.046	1.6
Edge 1 (Top)	155	5775	0.53	0.039	12.5	12.38	0.040	1.6
Edge 2(Right)	155	5775	1.93	0.029	12.5	12.38	0.030	1.6
Product: MOX 2								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	155	5775	0.04	0.201	12.5	12.38	0.207	1.6
Left Tilt	155	5775	-3.55	0.154	12.5	12.38	0.158	1.6
Right Cheek	155	5775	-3.93	0.207	12.5	12.38	0.213	1.6
Right Tilt	155	5775	-2.19	0.166	12.5	12.38	0.171	1.6
Body back	155	5775	2.66	0.208	12.5	12.38	0.214	1.6
Body front	155	5775	-1.77	0.14	12.5	12.38	0.144	1.6
Edge 1 (Top)	155	5775	-3.37	0.069	12.5	12.38	0.071	1.6
Edge 2(Right)	155	5775	3.27	0.134	12.5	12.38	0.138	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 back, body front and 4 Edges is 10mm of all above table

SAR MEASUREMENT								
Depth of Liquid (cm):>15								
Product: MOJO								
Test Mode: 5.8GHz WIFI-802.11ac-VHT80								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	78	2480	0.29	0.098	8.00	7.74	0.104	1.6
Left Tilt	78	2480	3.14	0.069	8.00	7.74	0.073	1.6
Right Cheek	78	2480	-3.88	0.112	8.00	7.74	0.119	1.6
Right Tilt	78	2480	-1.83	0.085	8.00	7.74	0.090	1.6
Body back	78	2480	-3.66	0.097	8.00	7.74	0.103	1.6
Body front	78	2480	3.12	0.072	8.00	7.74	0.076	1.6
Edge 1 (Top)	78	2480	1.53	0.023	8.00	7.74	0.024	1.6
Edge 2(Right)	78	2480	1.06	0.034	8.00	7.74	0.036	1.6
Product: MOX 2								
Position	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
Left Cheek	78	2480	-0.12	0.092	8.00	7.74	0.098	1.6
Left Tilt	78	2480	-2.77	0.069	8.00	7.74	0.073	1.6
Right Cheek	78	2480	-3.51	0.113	8.00	7.74	0.120	1.6
Right Tilt	78	2480	-2.62	0.074	8.00	7.74	0.079	1.6
Body back	78	2480	-0.39	0.092	8.00	7.74	0.098	1.6
Body front	78	2480	2.85	0.082	8.00	7.74	0.087	1.6
Edge 1 (Top)	78	2480	-1.73	0.041	8.00	7.74	0.044	1.6
Edge 2(Right)	78	2480	2.56	0.035	8.00	7.74	0.037	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 back, body front and 4 Edges is 10mm of all above table

Repeated SAR											
Product: MOJO											
Test Mode: LTE Band 2& 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 STAR T									
Body back	1	0	18700	1860	2.87	0.814	-3.17	0.811	-	-	1.6
Body back	1	0	18900	1880	0.24	0.979	0.91	0.972	-	-	1.6
Body back	1	0	19100	1900	3.9	0.825	-3.03	0.812	-	-	1.6
Body back	1	0	39750	2506	2.04	0.758	-0.55	0.752	-	-	1.6
Body back	1	0	40620	2593	3.09	0.834	-1.02	0.827	-	-	1.6
Body back	1	0	41490	2680	-3.31	0.759	-0.06	0.747	-	-	1.6
Body back	1	0	132072	1720	2.82	0.832	1.36	0.829	-	-	1.6
Body back	1	0	132422	1755	1.19	0.858	1.21	0.828	-	-	1.6
Body back	1	0	132572	1770	-3.29	0.810	-3.52	0.793	-	-	1.6

The second repeated SAR judge reference									
Product: MOJO									
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	Body back	1	0	18700	1860	0.814	0.811	1.004	＜1.2
	Body back	1	0	18900	1880	0.979	0.972	1.007	＜1.2
	Body back	1	0	19100	1900	0.825	0.812	1.016	＜1.2
LTE Band 41	Body back	1	0	39750	2506	0.758	0.752	1.008	＜1.2
	Body back	1	0	40620	2593	0.834	0.827	1.008	＜1.2
	Body back	1	0	41490	2680	0.759	0.747	1.016	＜1.2
LTE Band 66	Body back	1	0	132072	1720	0.832	0.829	1.004	＜1.2
	Body back	1	0	132422	1755	0.858	0.828	1.036	＜1.2
	Body back	1	0	132572	1770	0.810	0.793	1.021	＜1.2

Repeated SAR											
Product: MOX 2											
Test Mode: LTE Band 2& 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 STAR T									
Body back	1	0	18700	1860	-0.13	0.914	2.08	0.886	-	-	1.6
Body back	1	0	18900	1880	-2.94	0.995	1.79	0.991	-	-	1.6
Body back	1	0	19100	1900	2.15	0.895	-2.18	0.884	-	-	1.6
Body back	1	0	132072	1720	0.54	0.799	-2.01	0.772	-	-	1.6
Body back	1	0	132422	1755	1.74	0.825	1.43	0.812	-	-	1.6
Body back	1	0	132572	1770	2.26	0.796	0.12	0.775	-	-	1.6

The second repeated SAR judge reference									
Product: MOX 2									
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	Body back	1	0	18700	1860	0.914	0.886	1.032	＜1.2
	Body back	1	0	18900	1880	0.995	0.991	1.004	＜1.2
	Body back	1	0	19100	1900	0.895	0.884	1.012	＜1.2
LTE Band 66	Body back	1	0	132072	1720	0.799	0.772	1.035	＜1.2
	Body back	1	0	132422	1755	0.825	0.812	1.016	＜1.2
	Body back	1	0	132572	1770	0.796	0.775	1.027	＜1.2

Simultaneous Multi-band Transmission Evaluation:

Application Simultaneous Transmission information:

NO	Simultaneous state	Portable Handset		
		Head	Body-worn	Hotspot
1	GSM(voice)+ WLAN 2.4GHz/ 5GHz (data)	Yes	Yes	-
2	GSM(voice)+ Bluetooth(data)	Yes	Yes	-
3	GSM (Data) + WLAN 2.4GHz/ 5GHz (data)	-	Yes	Yes
4	GSM (Data) + Bluetooth(data)	-	Yes	Yes
5	LTE + WLAN 2.4GHz/ 5GHz (data)	Yes	Yes	Yes
6	LTE + Bluetooth(data)	Yes	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 10mm 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.

Sum of the SAR for GSM 850 &Wi-Fi & BT:

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	WI-Fi DTS Band	Bluetooth		
Head (voice)	Left Touch	0.269	0.373	0.104	0.642	No
	Left Tilt	0.200	0.254	0.073	0.454	No
	Right Touch	0.282	0.414	0.119	0.696	No
	Right Tilt	0.217	0.286	0.090	0.503	No
Body-worn (voice)	Rear	0.427	0.262	0.103	0.689	No
	Front	0.243	0.222	0.076	0.465	No
Body-worn (Data)	Rear	0.382	0.262	0.104	0.644	No
	Front	0.255	0.222	0.073	0.477	No
Body-worn (Hotspot)	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.167	0.210	0.036	0.377	No
	Edge 3	0.194	-	-	0.642	No
	Edge 4	0.308	-	-	0.454	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	WI-Fi DTS Band	Bluetooth		
Head (voice)	Left Touch	0.339	0.207	0.098	0.546	No
	Left Tilt	0.265	0.158	0.073	0.423	No
	Right Touch	0.382	0.213	0.120	0.595	No
	Right Tilt	0.291	0.171	0.079	0.462	No
Body-worn (voice)	Rear	0.497	0.214	0.098	0.711	No
	Front	0.246	0.144	0.087	0.390	No
Body-worn (Data)	Rear	0.286	0.214	0.098	0.500	No
	Front	0.235	0.144	0.087	0.379	No
Body-worn (Hotspot)	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.284	0.138	0.037	0.422	No
	Edge 3	0.224	-	-	0.224	No
	Edge 4	0.183	-	-	0.183	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 “

Sum of the SAR for GSM 1900 &Wi-Fi & BT:

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		PCS 1900	WI-Fi DTS Band	Bluetooth		
Head (voice)	Left Touch	0.050	0.373	0.104	0.423	No
	Left Tilt	0.029	0.254	0.073	0.283	No
	Right Touch	0.071	0.414	0.119	0.485	No
	Right Tilt	0.063	0.286	0.090	0.349	No
Body-worn (voice)	Rear	0.488	0.262	0.103	0.750	No
	Front	0.413	0.222	0.076	0.635	No
Body-worn (Data)	Rear	0.601	0.262	0.104	0.863	No
	Front	0.300	0.222	0.073	0.522	No
Body-worn (Hotspot)	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.305	0.210	0.036	0.515	No
	Edge 3	0.381	-	-	0.381	No
	Edge 4	0.086	-	-	0.086	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		PCS 1900	WI-Fi DTS Band	Bluetooth		
Head (voice)	Left Touch	0.073	0.207	0.098	0.280	No
	Left Tilt	0.044	0.158	0.073	0.202	No
	Right Touch	0.082	0.213	0.120	0.295	No
	Right Tilt	0.053	0.171	0.079	0.224	No
Body-worn (voice)	Rear	0.519	0.214	0.098	0.733	No
	Front	0.297	0.144	0.087	0.441	No
Body-worn (Data)	Rear	0.327	0.214	0.098	0.541	No
	Front	0.212	0.144	0.087	0.356	No
Body-worn (Hotspot)	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.069	0.138	0.037	0.207	No
	Edge 3	0.212	-	-	0.212	No
	Edge 4	0.073	-	-	0.073	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.180	0.373	0.104	0.553	No
	Left Tilt	0.129	0.254	0.073	0.383	No
	Right Touch	0.205	0.414	0.119	0.619	No
	Right Tilt	0.135	0.286	0.090	0.421	No
Body-worn	Rear	1.009	0.262	0.103	1.271	No
	Front	0.521	0.222	0.076	0.743	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.616	0.210	0.036	0.826	No
	Edge 3	0.755	-	-	0.755	No
	Edge 4	0.644	-	-	0.644	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.18	0.207	0.098	0.387	No
	Left Tilt	0.08	0.158	0.073	0.238	No
	Right Touch	0.193	0.213	0.120	0.406	No
	Right Tilt	0.098	0.171	0.079	0.269	No
Body-worn	Rear	1.025	0.214	0.098	1.239	No
	Front	0.405	0.144	0.087	0.549	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.125	0.138	0.037	0.263	No
	Edge 3	0.579	-	-	0.579	No
	Edge 4	0.253	-	-	0.253	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.127	0.373	0.104	0.500	No
	Left Tilt	0.053	0.254	0.073	0.307	No
	Right Touch	0.14	0.414	0.119	0.554	No
	Right Tilt	0.035	0.286	0.090	0.321	No
Body-worn	Rear	0.693	0.262	0.103	0.955	No
	Front	0.343	0.222	0.076	0.565	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.096	0.21	0.036	0.306	No
	Edge 3	0.102	-	-	0.102	No
	Edge 4	0.243	-	-	0.243	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.080	0.207	0.098	0.287	No
	Left Tilt	0.055	0.158	0.073	0.213	No
	Right Touch	0.097	0.213	0.120	0.310	No
	Right Tilt	0.063	0.171	0.079	0.234	No
Body-worn	Rear	0.784	0.214	0.098	0.998	No
	Front	0.220	0.144	0.087	0.364	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.071	0.138	0.037	0.209	No
	Edge 3	0.651	-	-	0.651	No
	Edge 4	0.130	-	-	0.130	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.257	0.373	0.104	0.630	No
	Left Tilt	0.183	0.254	0.073	0.437	No
	Right Touch	0.272	0.414	0.119	0.686	No
	Right Tilt	0.192	0.286	0.090	0.478	No
Body-worn	Rear	0.359	0.262	0.103	0.621	No
	Front	0.254	0.222	0.076	0.476	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.339	0.21	0.036	0.549	No
	Edge 3	0.289	-	-	0.289	No
	Edge 4	0.27	-	-	0.270	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.359	0.207	0.098	0.566	No
	Left Tilt	0.253	0.158	0.073	0.411	No
	Right Touch	0.376	0.213	0.120	0.589	No
	Right Tilt	0.269	0.171	0.079	0.440	No
Body-worn	Rear	0.378	0.214	0.098	0.592	No
	Front	0.292	0.144	0.087	0.436	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.31	0.138	0.037	0.448	No
	Edge 3	0.4	-	-	0.400	No
	Edge 4	0.159	-	-	0.159	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.248	0.373	0.104	0.621	No
	Left Tilt	0.147	0.254	0.073	0.401	No
	Right Touch	0.251	0.414	0.119	0.665	No
	Right Tilt	0.183	0.286	0.090	0.469	No
Body-worn	Rear	0.374	0.262	0.103	0.636	No
	Front	0.289	0.222	0.076	0.511	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.378	0.21	0.036	0.588	No
	Edge 3	0.175	-	-	0.175	No
	Edge 4	0.263	-	-	0.263	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.301	0.207	0.098	0.508	No
	Left Tilt	0.232	0.158	0.073	0.390	No
	Right Touch	0.348	0.213	0.120	0.561	No
	Right Tilt	0.258	0.171	0.079	0.429	No
Body-worn	Rear	0.443	0.214	0.098	0.657	No
	Front	0.354	0.144	0.087	0.498	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.366	0.138	0.037	0.504	No
	Edge 3	0.218	-	-	0.218	No
	Edge 4	0.32	-	-	0.320	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 13	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.114	0.373	0.104	0.487	No
	Left Tilt	0.064	0.254	0.073	0.318	No
	Right Touch	0.135	0.414	0.119	0.549	No
	Right Tilt	0.081	0.286	0.090	0.367	No
Body-worn	Rear	0.166	0.262	0.103	0.428	No
	Front	0.104	0.222	0.076	0.326	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.155	0.21	0.036	0.365	No
	Edge 3	0.126	-	-	0.126	No
	Edge 4	0.083	-	-	0.083	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 13	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.141	0.207	0.098	0.348	No
	Left Tilt	0.112	0.158	0.073	0.270	No
	Right Touch	0.171	0.213	0.120	0.384	No
	Right Tilt	0.135	0.171	0.079	0.306	No
Body-worn	Rear	0.156	0.214	0.098	0.370	No
	Front	0.15	0.144	0.087	0.294	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.125	0.138	0.037	0.263	No
	Edge 3	0.137	-	-	0.137	No
	Edge 4	0.121	-	-	0.121	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 25	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.138	0.373	0.104	0.511	No
	Left Tilt	0.089	0.254	0.073	0.343	No
	Right Touch	0.146	0.414	0.119	0.560	No
	Right Tilt	0.107	0.286	0.090	0.393	No
Body-worn	Rear	0.644	0.262	0.103	0.906	No
	Front	0.296	0.222	0.076	0.518	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.102	0.21	0.036	0.312	No
	Edge 3	0.611	-	-	0.611	No
	Edge 4	0.146	-	-	0.146	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 25	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.133	0.207	0.098	0.340	No
	Left Tilt	0.077	0.158	0.073	0.235	No
	Right Touch	0.153	0.213	0.120	0.366	No
	Right Tilt	0.067	0.171	0.079	0.238	No
Body-worn	Rear	0.756	0.214	0.098	0.970	No
	Front	0.293	0.144	0.087	0.437	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.116	0.138	0.037	0.254	No
	Edge 3	0.59	-	-	0.590	No
	Edge 4	0.167	-	-	0.167	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 “

Sum of the SAR for LTE Band 26 &Wi-Fi & BT:

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 26	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.246	0.373	0.104	0.619	No
	Left Tilt	0.231	0.254	0.073	0.485	No
	Right Touch	0.26	0.414	0.119	0.674	No
	Right Tilt	0.242	0.286	0.090	0.528	No
Body-worn	Rear	0.307	0.262	0.103	0.569	No
	Front	0.258	0.222	0.076	0.480	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.244	0.21	0.036	0.454	No
	Edge 3	0.278	-	-	0.278	No
	Edge 4	0.155	-	-	0.155	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 26	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.343	0.207	0.098	0.550	No
	Left Tilt	0.242	0.158	0.073	0.400	No
	Right Touch	0.377	0.213	0.120	0.590	No
	Right Tilt	0.283	0.171	0.079	0.454	No
Body-worn	Rear	0.35	0.214	0.098	0.564	No
	Front	0.299	0.144	0.087	0.443	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.363	0.138	0.037	0.501	No
	Edge 3	0.236	-	-	0.236	No
	Edge 4	0.327	-	-	0.327	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 41	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.057	0.373	0.104	0.430	No
	Left Tilt	0.052	0.254	0.073	0.306	No
	Right Touch	0.059	0.414	0.119	0.473	No
	Right Tilt	0.056	0.286	0.090	0.342	No
Body-worn	Rear	0.908	0.262	0.103	1.170	No
	Front	0.503	0.222	0.076	0.725	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.205	0.21	0.036	0.415	No
	Edge 3	0.269	-	-	0.269	No
	Edge 4	0.133	-	-	0.133	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 41	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.023	0.207	0.098	0.230	No
	Left Tilt	0.024	0.158	0.073	0.182	No
	Right Touch	0.027	0.213	0.120	0.240	No
	Right Tilt	0.026	0.171	0.079	0.197	No
Body-worn	Rear	0.761	0.214	0.098	0.975	No
	Front	0.627	0.144	0.087	0.771	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.171	0.138	0.037	0.309	No
	Edge 3	0.21	-	-	0.210	No
	Edge 4	0.053	-	-	0.053	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 “

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

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 66	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.161	0.373	0.104	0.534	No
	Left Tilt	0.06	0.254	0.073	0.314	No
	Right Touch	0.17	0.414	0.119	0.584	No
	Right Tilt	0.065	0.286	0.090	0.351	No
Body-worn	Rear	0.974	0.262	0.103	1.236	No
	Front	0.459	0.222	0.076	0.681	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.101	0.21	0.036	0.311	No
	Edge 3	0.59	-	-	0.590	No
	Edge 4	0.089	-	-	0.089	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 66	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.111	0.207	0.098	0.318	No
	Left Tilt	0.064	0.158	0.073	0.222	No
	Right Touch	0.123	0.213	0.120	0.336	No
	Right Tilt	0.073	0.171	0.079	0.244	No
Body-worn	Rear	0.936	0.214	0.098	1.150	No
	Front	0.699	0.144	0.087	0.843	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.104	0.138	0.037	0.242	No
	Edge 3	0.285	-	-	0.285	No
	Edge 4	0.154	-	-	0.154	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 “

Sum of the SAR for LTE Band 71 &Wi-Fi & BT:

Product: MOJO

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 71	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.141	0.373	0.104	0.514	No
	Left Tilt	0.125	0.254	0.073	0.379	No
	Right Touch	0.188	0.414	0.119	0.602	No
	Right Tilt	0.165	0.286	0.090	0.451	No
Body-worn	Rear	0.225	0.262	0.103	0.487	No
	Front	0.204	0.222	0.076	0.426	No
	Edge 1	-	0.198	0.024	0.198	No
	Edge 2	0.162	0.21	0.036	0.372	No
	Edge 3	0.103	-	-	0.103	No
	Edge 4	0.127	-	-	0.127	No

Product: MOX 2

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 71	Wi-Fi DTS Band	Bluetooth		
Head	Left Touch	0.192	0.207	0.098	0.399	No
	Left Tilt	0.141	0.158	0.073	0.299	No
	Right Touch	0.217	0.213	0.120	0.430	No
	Right Tilt	0.166	0.171	0.079	0.337	No
Body-worn	Rear	0.29	0.214	0.098	0.504	No
	Front	0.237	0.144	0.087	0.381	No
	Edge 1	-	0.105	0.044	0.105	No
	Edge 2	0.137	0.138	0.037	0.275	No
	Edge 3	0.075	-	-	0.075	No
	Edge 4	0.116	-	-	0.116	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 “

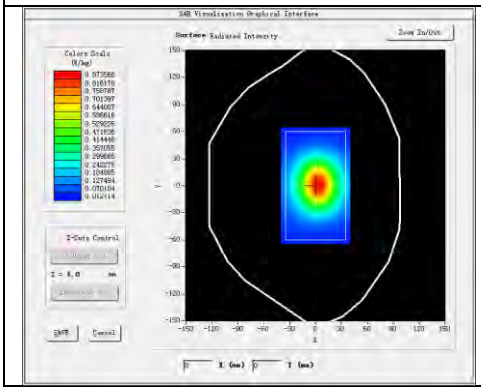
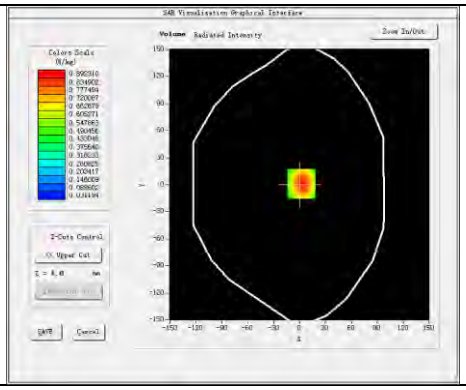
APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab **Date: May 04, 2024**
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=2.04
Frequency: 750 MHz; Medium parameters used: f = 750 MHz; σ =0.91 mho/m; ε r =38.21; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃):22.3, Liquid temperature (℃): 22.1

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

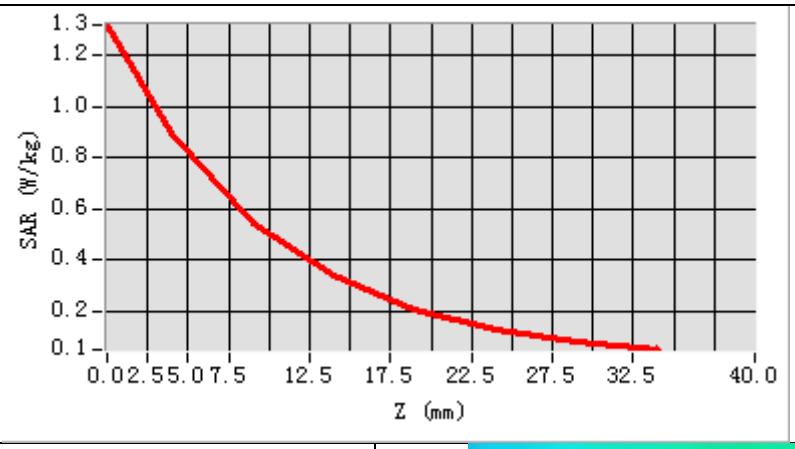
Configuration/System Check 750MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

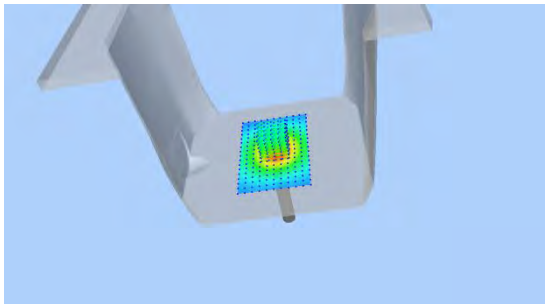
SURFACE SAR	VOLUME SAR
	

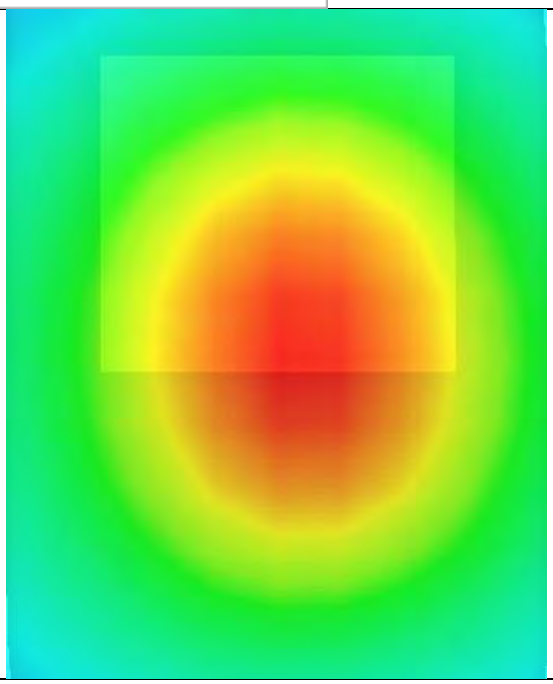
Maximum location: X=2.00, Y=1.00

SAR 10g (W/Kg)	0.512486
SAR 1g (W/Kg)	0.802412

Z Axis Scan


1.3
1.2
1.0
0.8
0.6
0.4
0.2
0.1
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)



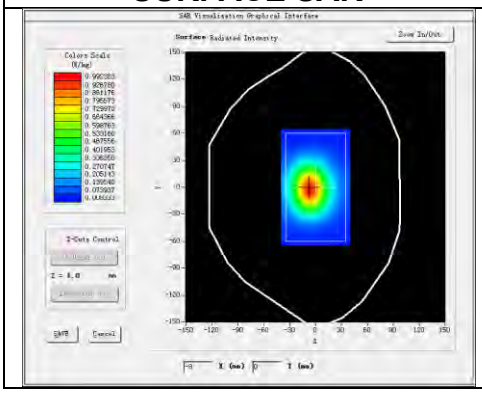
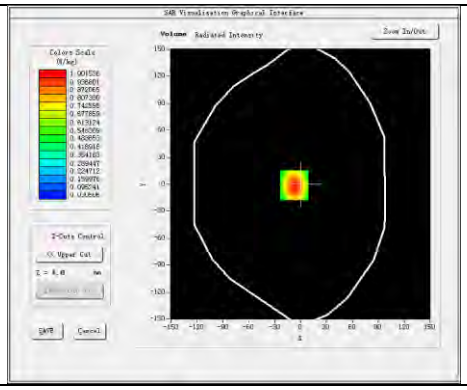


Test Laboratory: AGC Lab **Date: May 05, 2024**
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835
Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=2.02
Frequency: 835 MHz; Medium parameters used: f = 835 MHz; σ =0.91 mho/m; ε r =39.21; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃):22.1, Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

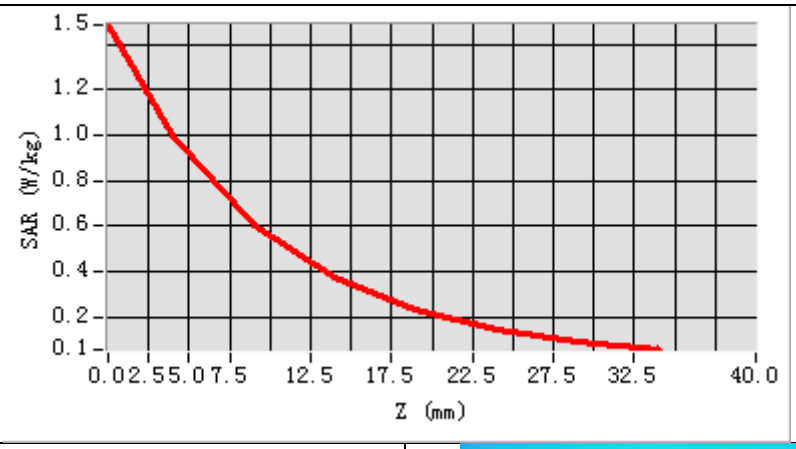
Configuration/System Check 835MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

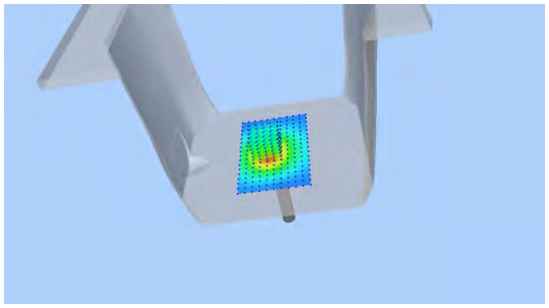
SURFACE SAR	VOLUME SAR
	

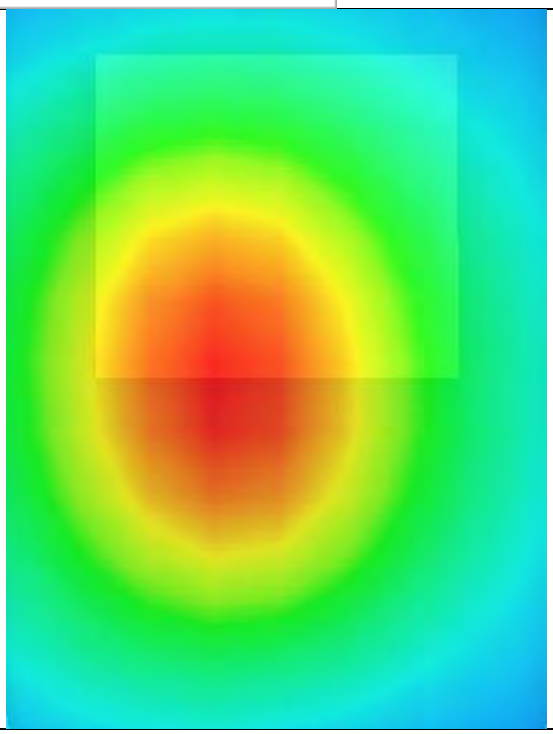
Maximum location: X=-7.00, Y=-1.00

SAR 10g (W/Kg)	0.601214
SAR 1g (W/Kg)	0.932143

Z Axis Scan


1.5
1.2
1.0
0.8
0.6
0.4
0.2
0.1
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)



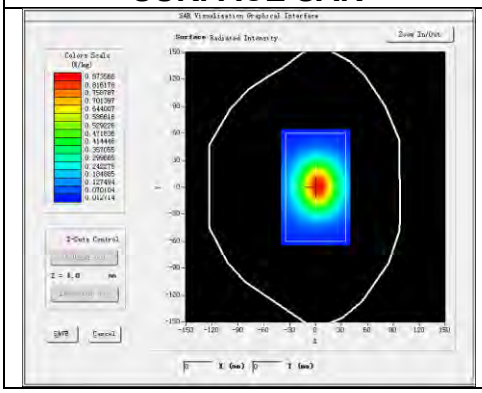
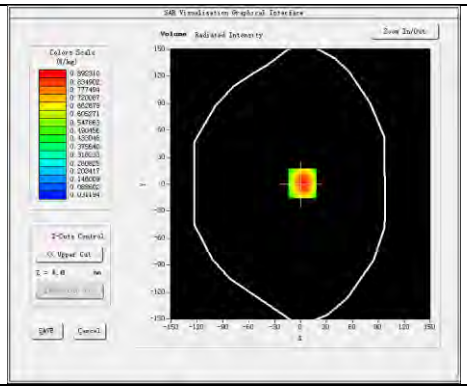


Test Laboratory: AGC Lab **Date: May 12, 2024**
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835
Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=2.02
Frequency: 835 MHz; Medium parameters used: f = 835 MHz; σ =0.91 mho/m; ε r =38.99; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃):21.6, Liquid temperature (℃): 21.5

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

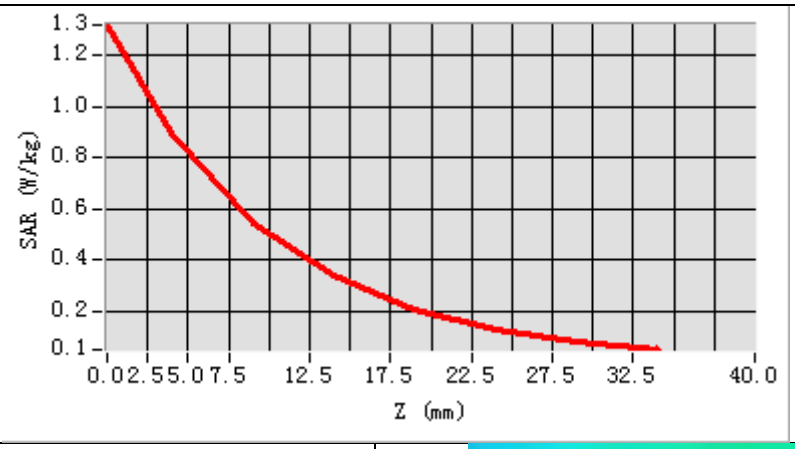
Configuration/System Check 835MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

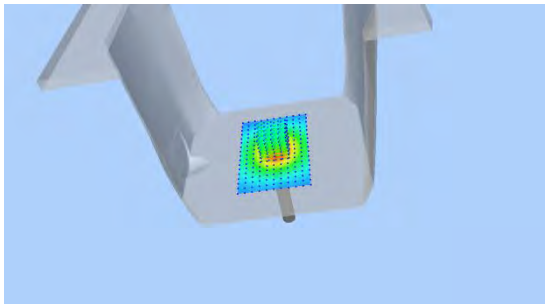
SURFACE SAR	VOLUME SAR
	

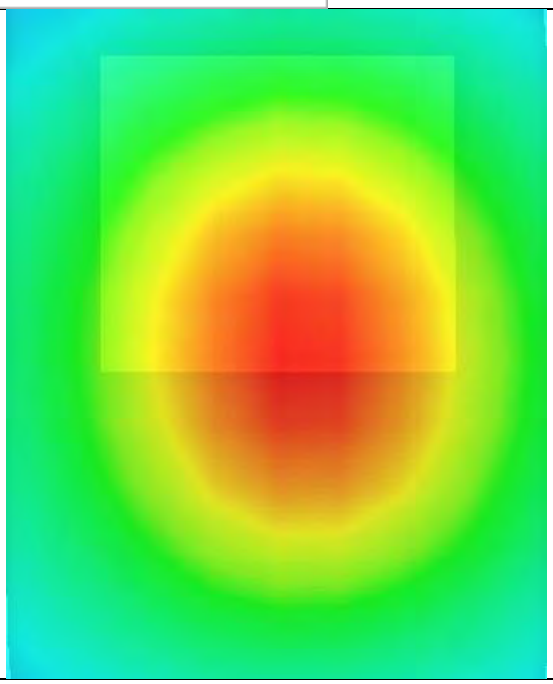
Maximum location: X=2.00, Y=1.00

SAR 10g (W/Kg)	0.612059
SAR 1g (W/Kg)	0.941482

Z Axis Scan


1.3
1.2
1.0
0.8
0.6
0.4
0.2
0.1
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)



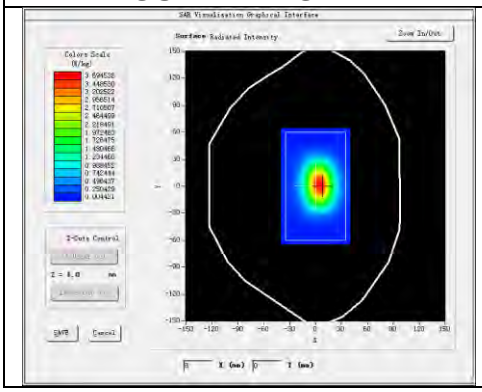
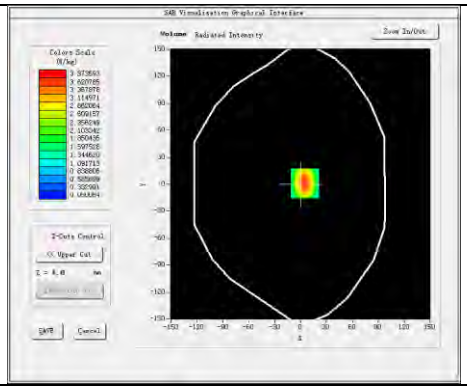


Test Laboratory: AGC Lab **Date: May 18, 2024**
System Check Head 1750MHz
DUT: Dipole 1800 MHz; Type: SID 1800
Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=1.99
Frequency: 1750 MHz; Medium parameters used: f = 1750MHz; σ =1.36 mho/m; ε_r =39.31; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃): 22.3, Liquid temperature (℃): 22.0

SATIMO Configuration:
Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

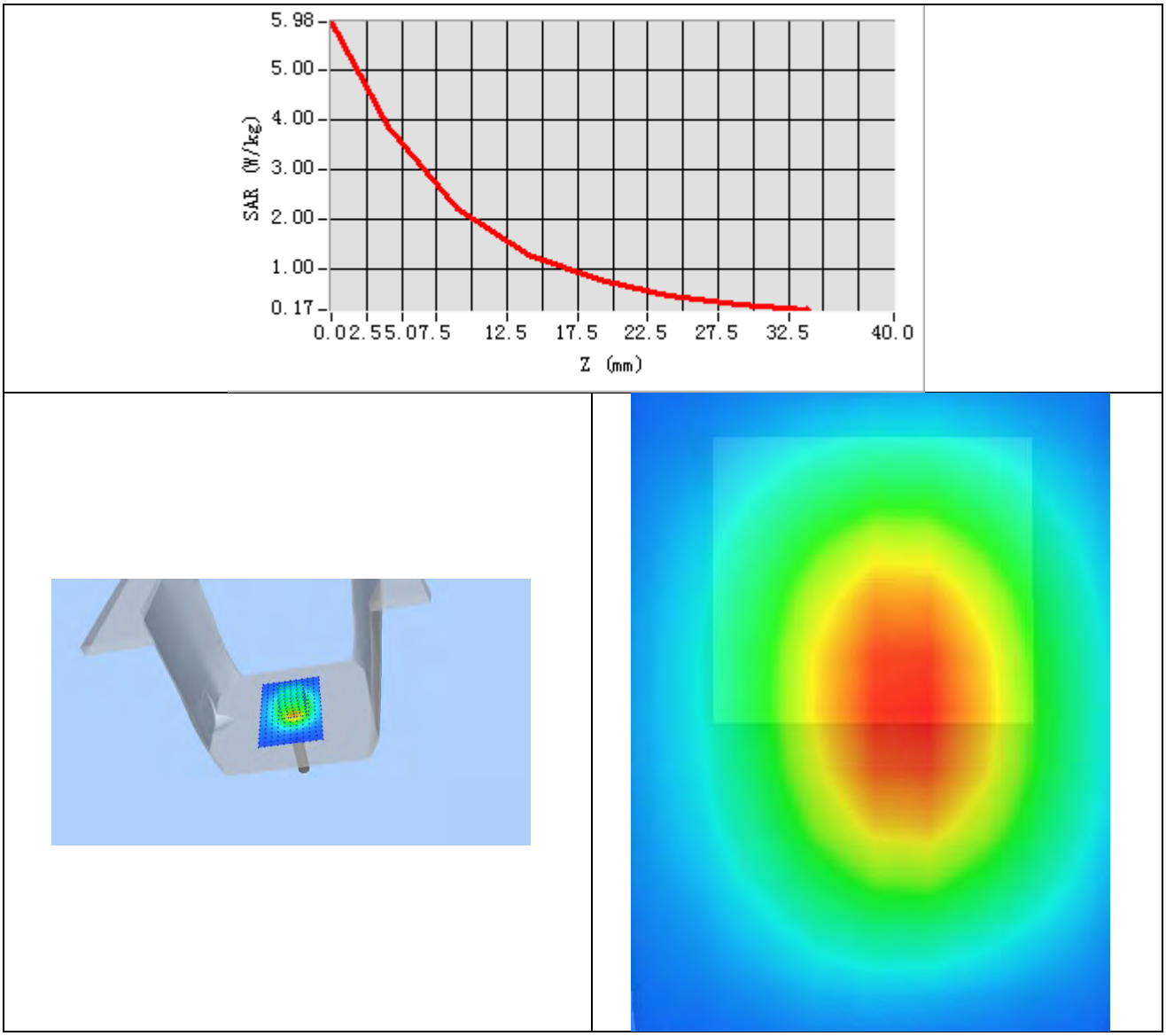
Configuration/System Check 1750MHz Head/Area Scan: Measurement grid: dx=8mm,dy=8mm
Configuration/System Check 1750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=1.00

SAR 10g (W/Kg)	2.020058
SAR 1g (W/Kg)	3.625121

Z Axis Scan

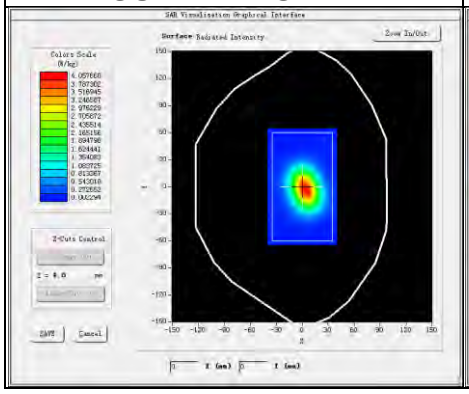
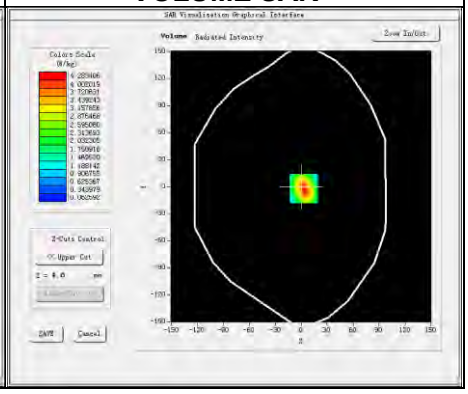

5.98
5.00
4.00
3.00
2.00
1.00
0.17
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)

Test Laboratory: AGC Lab **Date: May 19, 2024**
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=2.06
Frequency: 1900 MHz; Medium parameters used: f = 1900 MHz; σ =1.39 mho/m; ε r =38.25; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃):21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:
Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

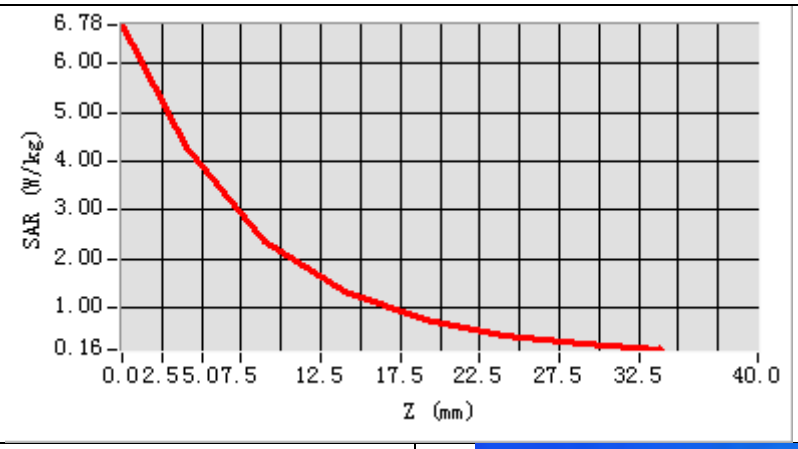
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

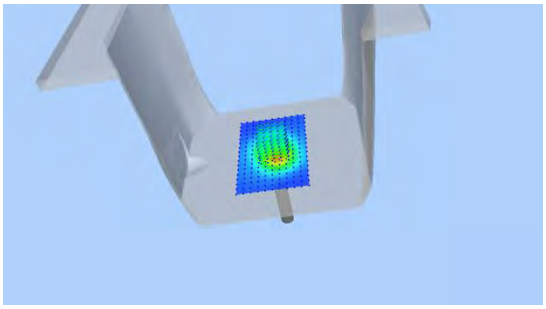
SURFACE SAR	VOLUME SAR
	

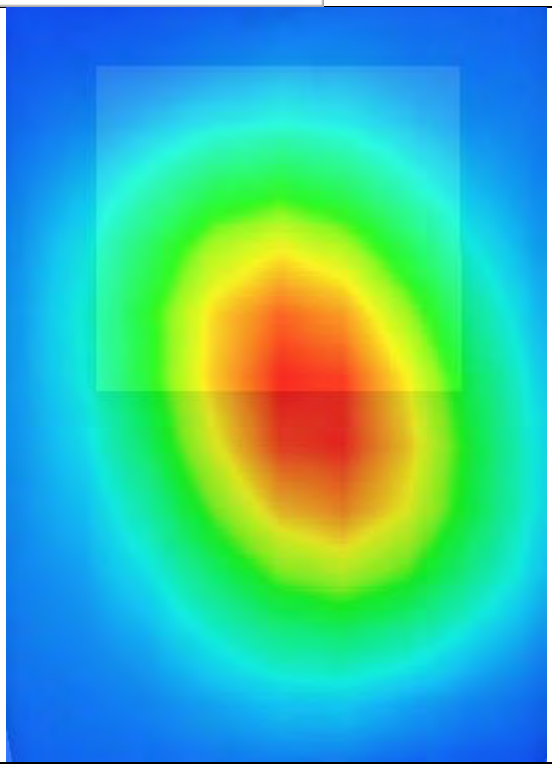
Maximum location: X=3.00, Y=-2.00

SAR 10g (W/Kg)	2.066912
SAR 1g (W/Kg)	4.021025

Z Axis Scan


6.78
6.00
5.00
4.00
3.00
2.00
1.00
0.16
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)



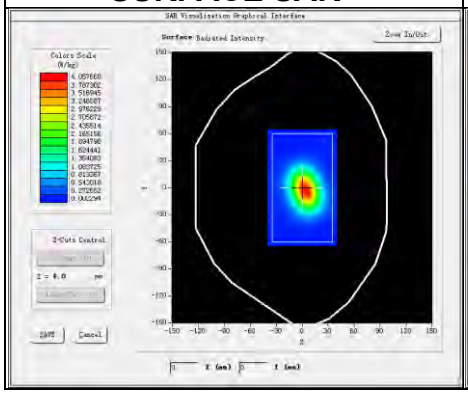
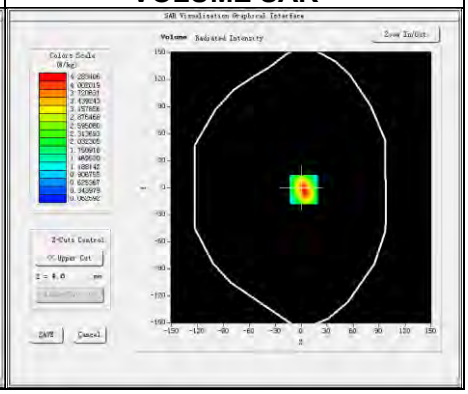


Test Laboratory: AGC Lab **Date: May 25, 2024**
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900
Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=2.06
Frequency: 1900 MHz; Medium parameters used: f = 1900 MHz; σ =1.40 mho/m; ε r =38.31; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃):22.1, Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

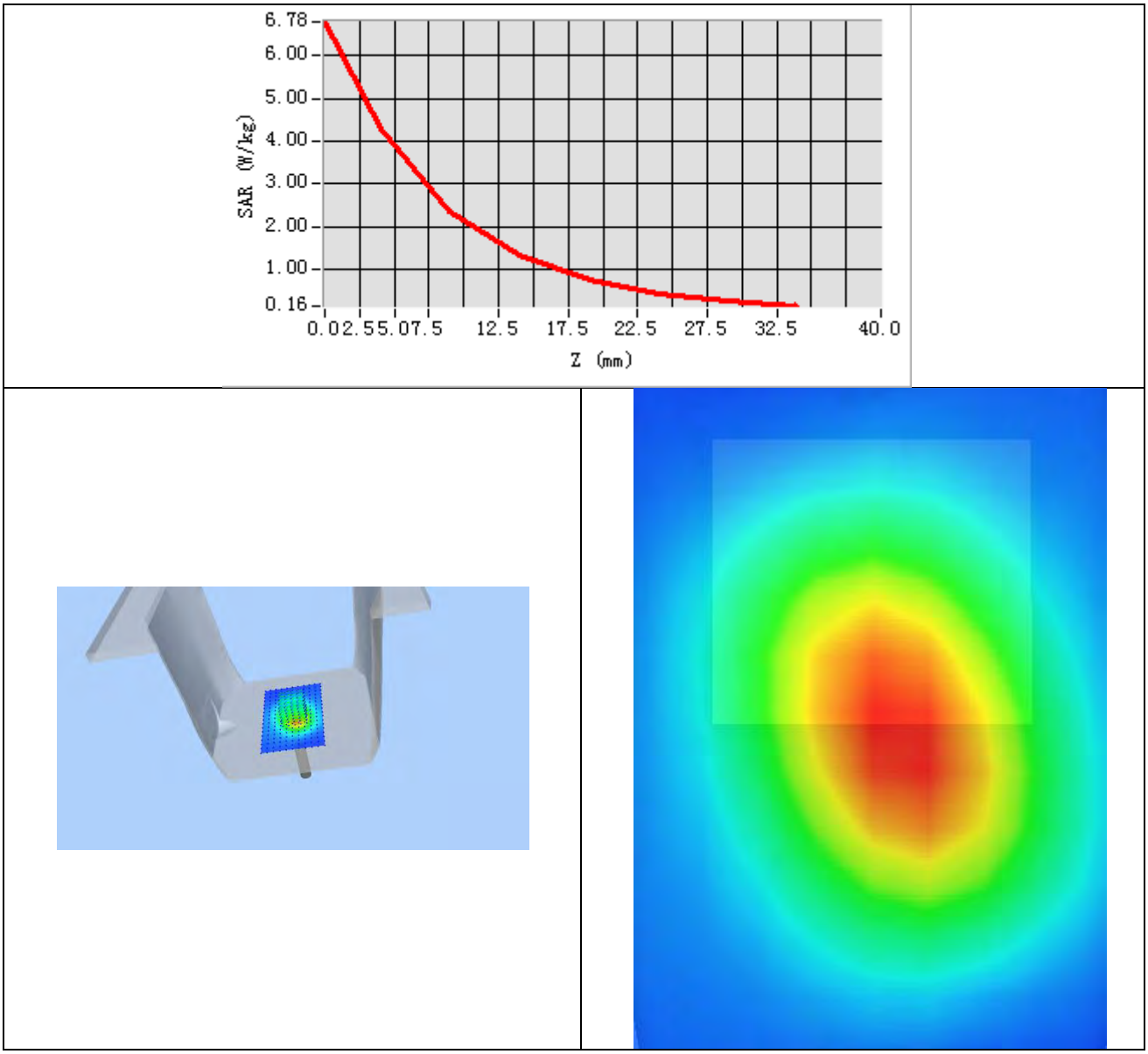
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=3.00, Y=-2.00

SAR 10g (W/Kg)	2.071352
SAR 1g (W/Kg)	4.136210

Z Axis Scan

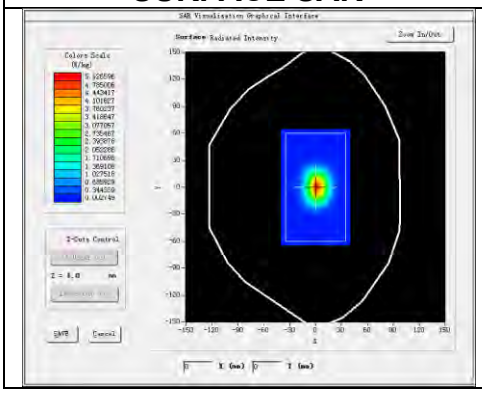
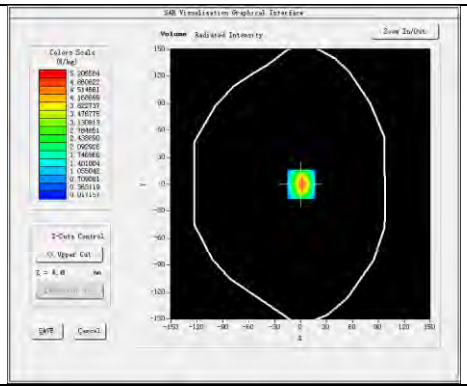

6.78
6.00
5.00
4.00
3.00
2.00
1.00
0.16
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)

Test Laboratory: AGC Lab **Date: May 26, 2024**
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=2.16
Frequency: 2450 MHz; Medium parameters used: f = 2450 MHz; σ =1.79 mho/m; ε r =39.21; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃):22.2, Liquid temperature (℃): 22.0

SATIMO Configuration

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

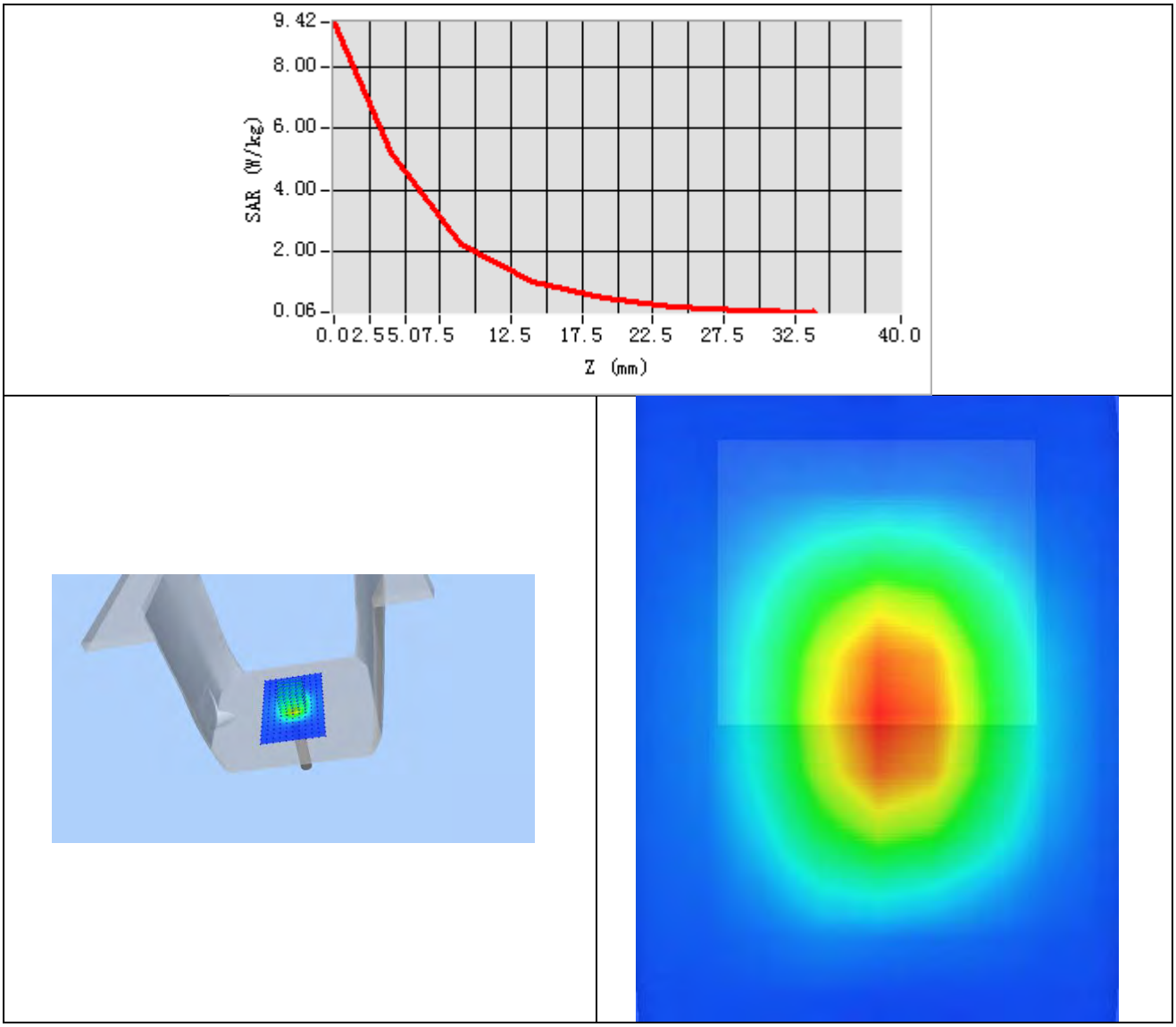
Configuration/System Check 2450MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 2450MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=0.00

SAR 10g (W/Kg)	2.362514
SAR 1g (W/Kg)	5.366152

Z Axis Scan

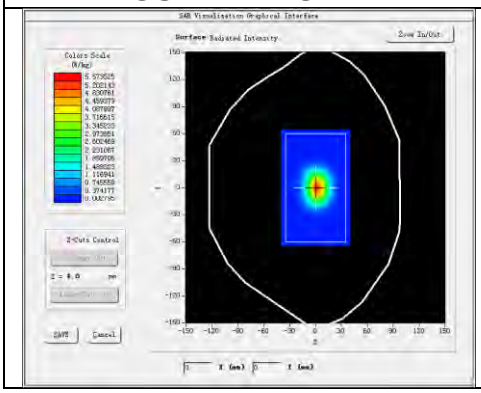
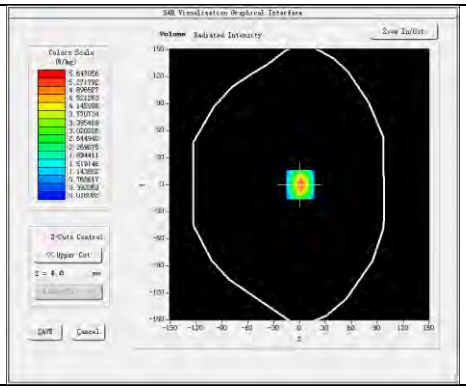

9.42
8.00
6.00
4.00
2.00
0.06
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)

Test Laboratory: AGC Lab **Date: May 29, 2024**
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=2.06
Frequency:2600 MHz; Medium parameters used: f = 2600 MHz; σ =2.01 mho/m; ε r =38.63; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃): 22.3, Liquid temperature (℃): 22.1

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

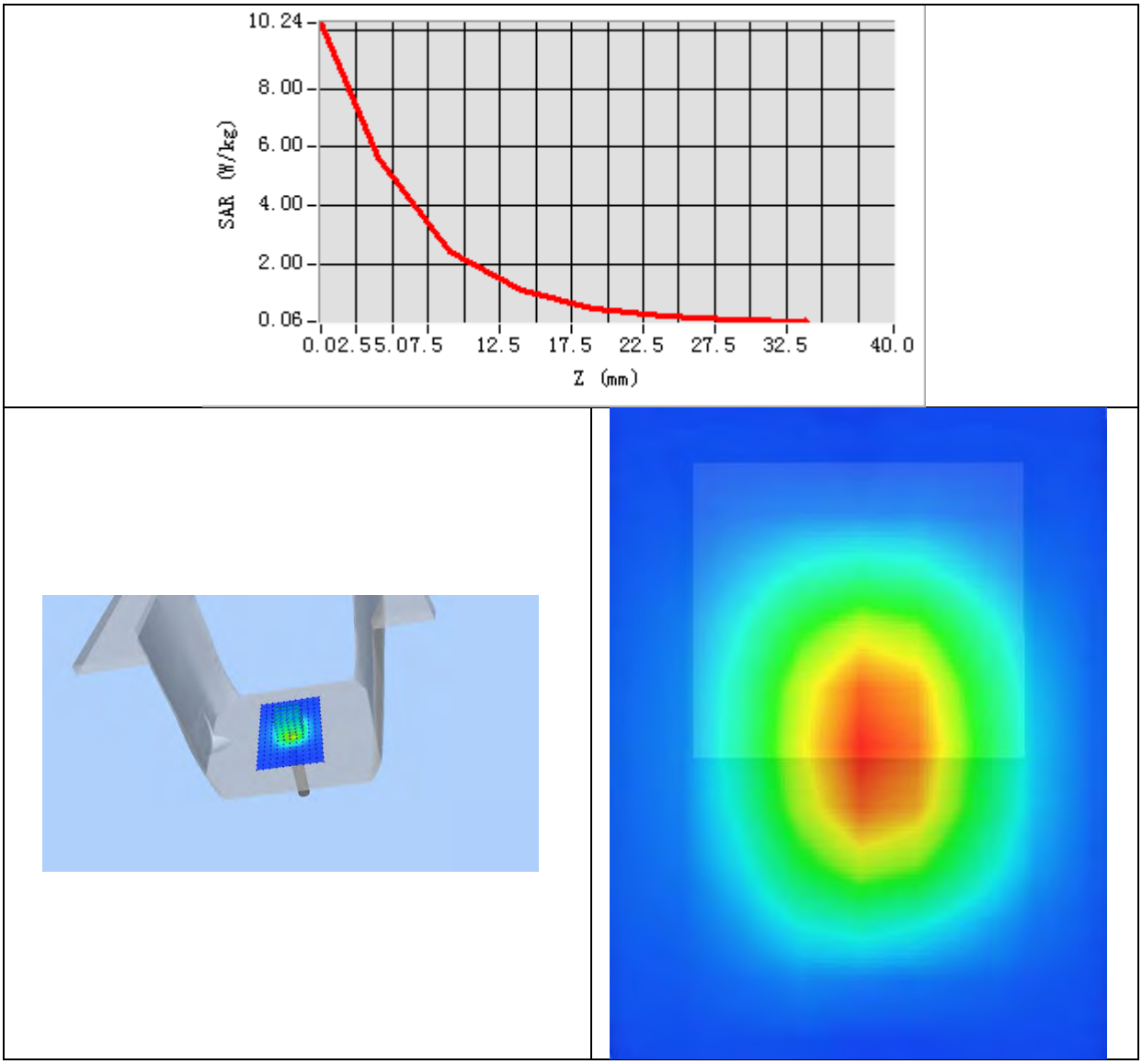
Configuration/System Check 2600 Head/Area Scan: Measurement grid: dx=8mm,dy=8mm
Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=0.00

SAR 10g (W/Kg)	2.408921
SAR 1g (W/Kg)	5.525781

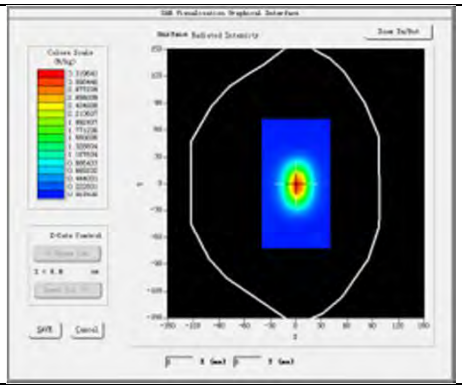
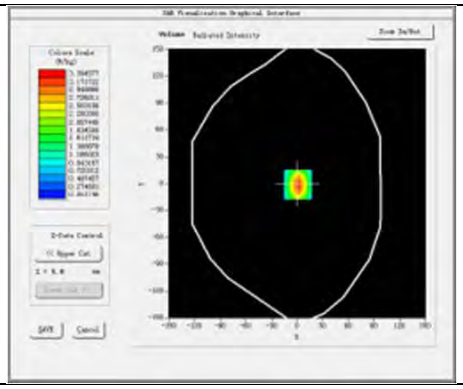
Z Axis Scan


10.24
8.00
6.00
4.00
2.00
0.06
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)

Test Laboratory: AGC Lab **Date: May 30, 2024**
System Check 5200 MHz
DUT: Dipole 5000MHz Type: SID5500
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.53
Frequency: 5200 MHz; Medium parameters used: f = 5200 MHz; σ =4.56 mho/m; εr =35.30; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:
- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

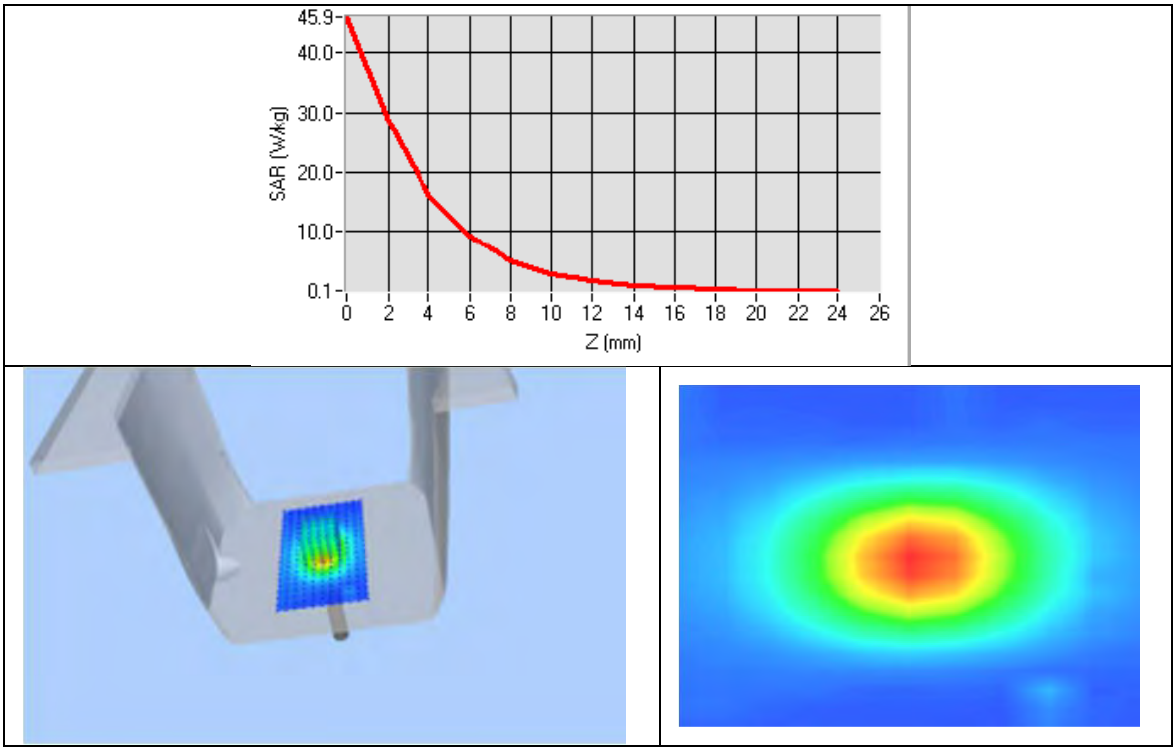
Configuration/System Check 5200 MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5200 MHz Body/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=2.00

SAR 10g (W/Kg)	2.236121
SAR 1g (W/Kg)	7.286012

Z Axis Scan

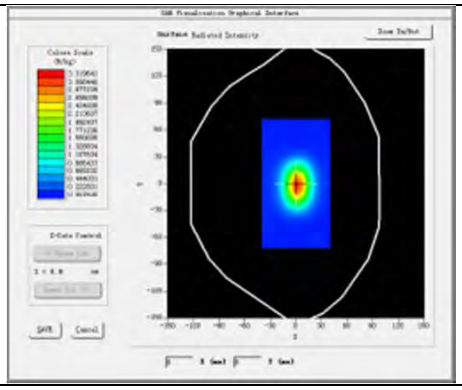
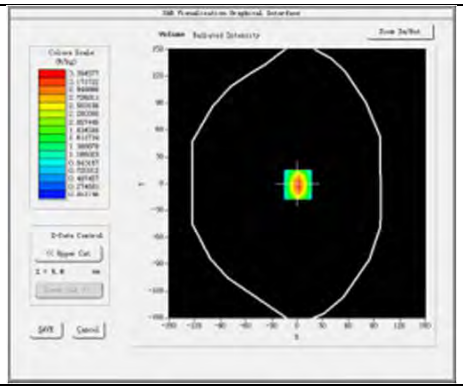


Test Laboratory: AGC Lab **Date: May 30, 2024**
System Check Head 5300 MHz
DUT: Dipole 5000MHz Type: SID5000
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.24
Frequency: 5300 MHz; Medium parameters used: f = 5300 MHz; σ =4.85 mho/m; εr =36.02; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

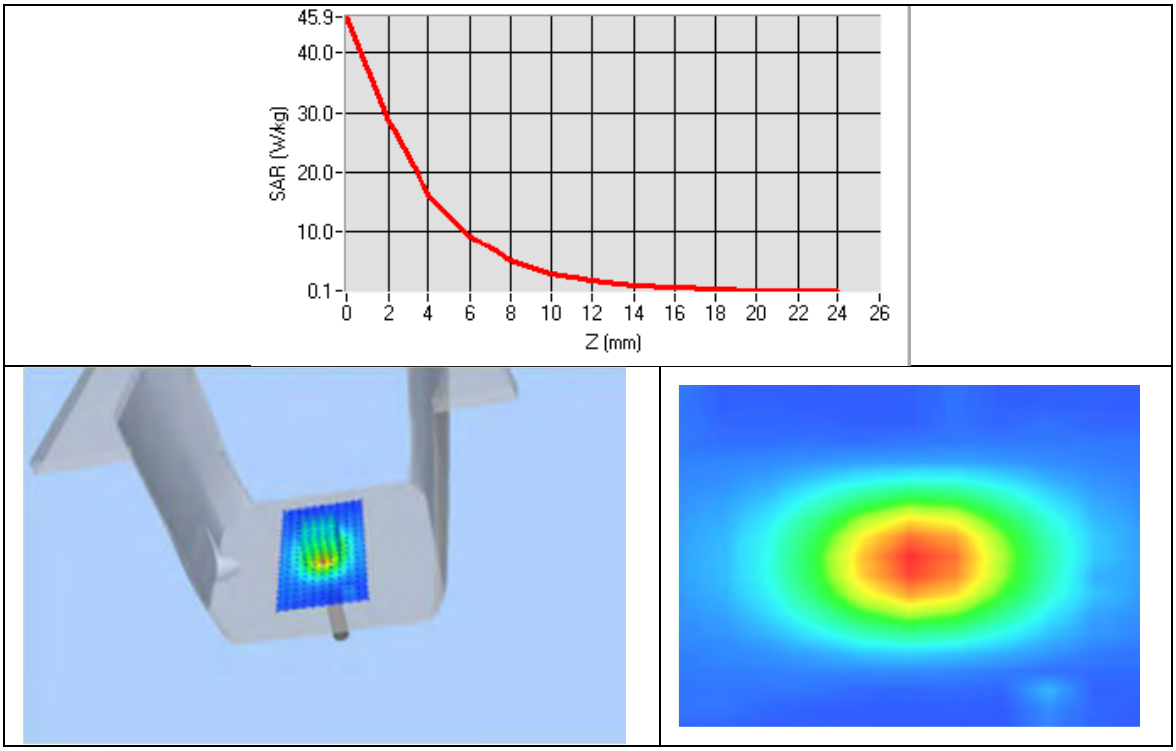
Configuration/System Check 5300 MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5300 MHz Head/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=2.00

SAR 10g (W/Kg)	2.212812
SAR 1g (W/Kg)	8.023014

Z Axis Scan

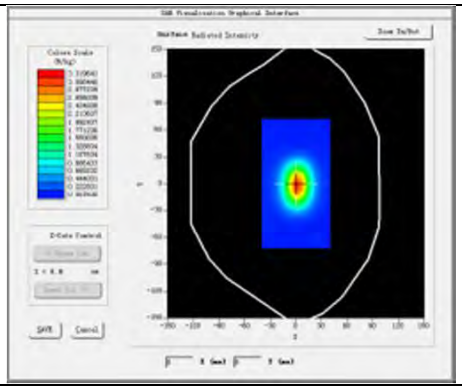
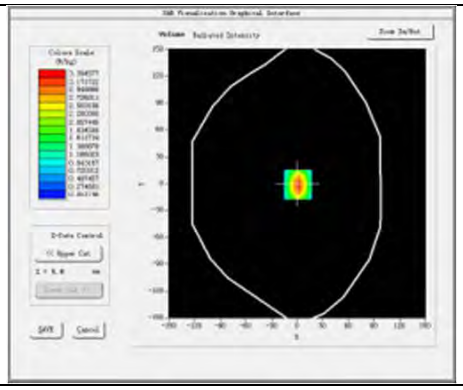


Test Laboratory: AGC Lab **Date: May 31, 2024**
System Check Head 5600 MHz
DUT: Dipole 5000MHz Type: SID5000
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.24
Frequency: 5600 MHz; Medium parameters used: f = 5600 MHz; σ =4.62 mho/m; εr =35.10; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃): 22.8, Liquid temperature (℃): 22.6

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

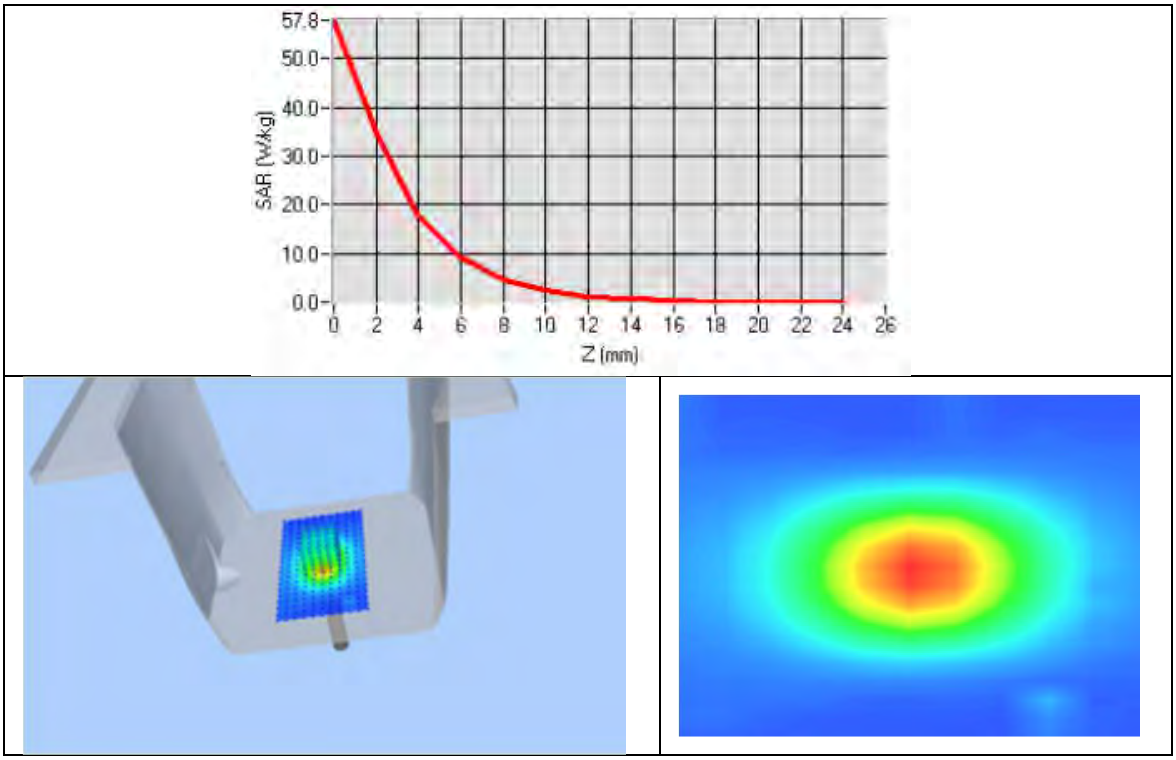
Configuration/System Check 5600 MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5600 MHz Head/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=2.00

SAR 10g (W/Kg)	2.362101
SAR 1g (W/Kg)	7.796254

Z Axis Scan

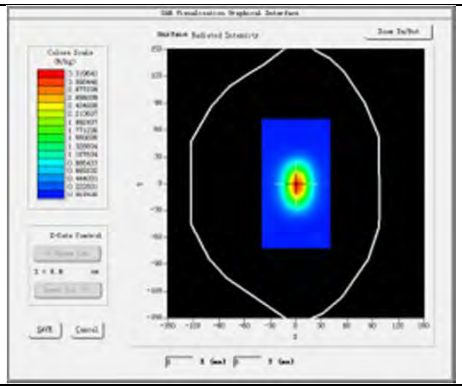
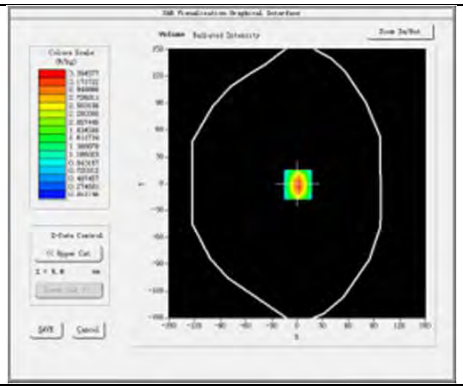

57.8
50.0
40.0
30.0
20.0
10.0
0.0
SAR (W/kg)
0 2 4 6 8 10 12 14 16 18 20 22 24 26
Z (mm)

Test Laboratory: AGC Lab **Date: May 31, 2024**
System Check Head 5800 MHz
DUT: Dipole 5000MHz Type: SID5500
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1; Conv.F=1.37
Frequency: 5800 MHz; Medium parameters used: f = 5800 MHz; σ =5.01 mho/m; εr =36.01; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section; Input Power=20dBm
Ambient temperature (℃): 22.8, Liquid temperature (℃): 22.6

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

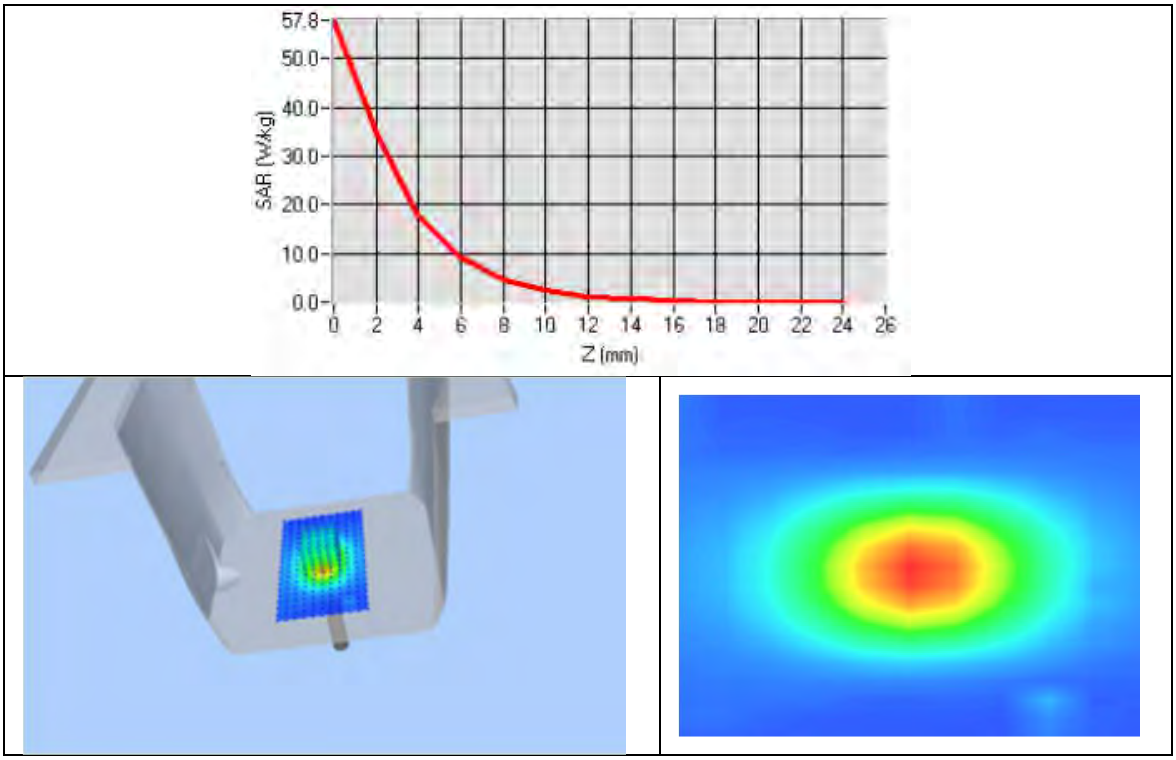
Configuration/System Check 5800 MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 5800 MHz Head/Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=2.00

SAR 10g (W/Kg)	2.241810
SAR 1g (W/Kg)	7.636527

Z Axis Scan


57.8
50.0
40.0
30.0
20.0
10.0
0.0
SAR (W/kg)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Z (mm)

APPENDIX B. SAR MEASUREMENT DATA

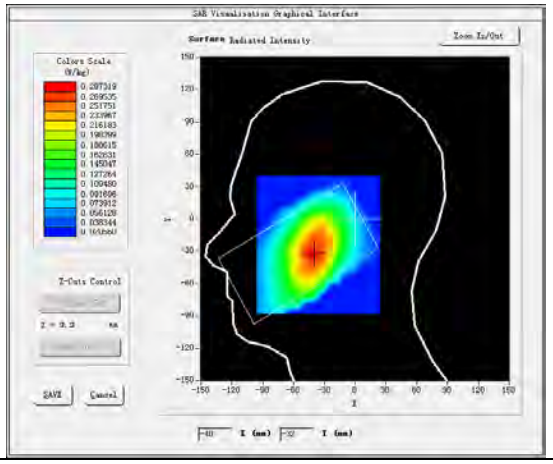
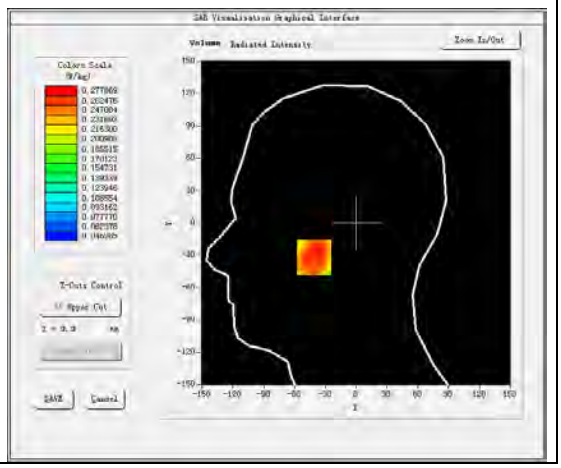
Test Laboratory: AGC Lab **Date: May 05, 2024**
GSM 850 Mid-Touch-Right <SIM 1>
DUT: 4G SMARTPHONE; Type: MOJO

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=1.89;
Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ =0.89 mho/m; ε r =39.36; ρ = 1000 kg/m^3;
Phantom section: Right Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.9

SATIMO Configuration

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

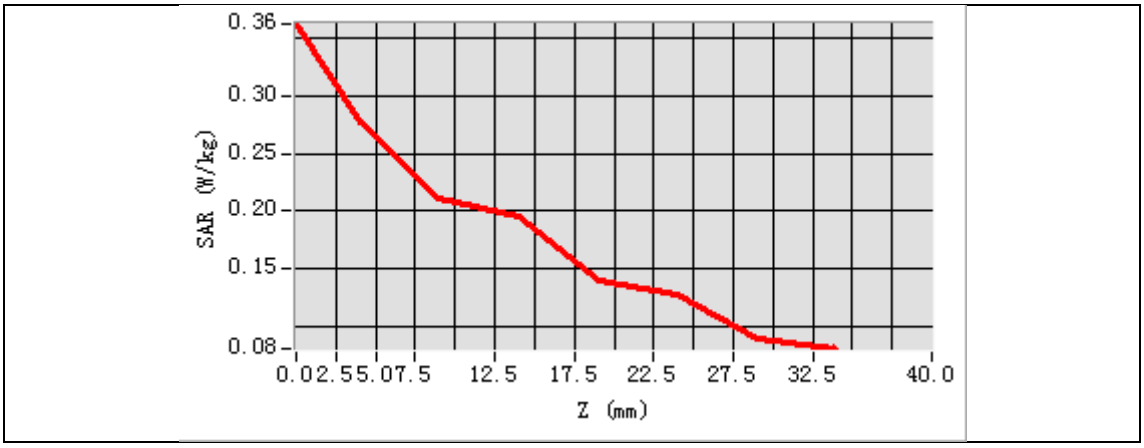
Configuration/GSM 850 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 Mid-Touch-Right/Zoom Scan : Measurement grid: dx=8mm,dy=8mm, dz=5mm

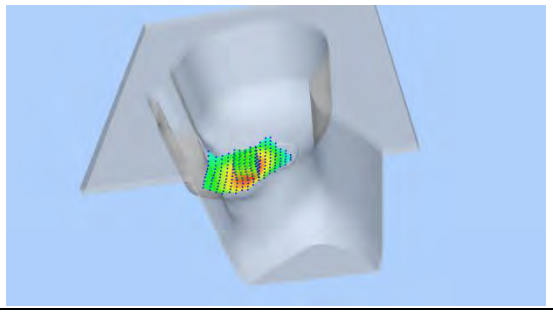
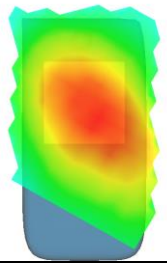
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-41.00, Y=-32.00
SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.207289
SAR 1g (W/Kg)	0.266635

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3623	0.2779	0.2112	0.1961	0.1401	0.1280	0.0896



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 05, 2024**
GSM 850 Mid- Body- Back (MS)<SIM 1>
DUT: 4G SMARTPHONE; Type: MOJO

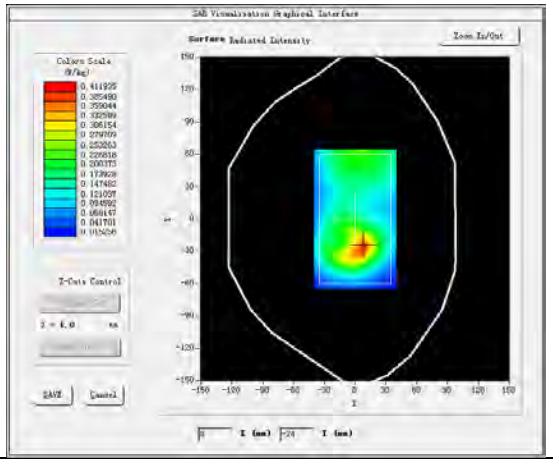
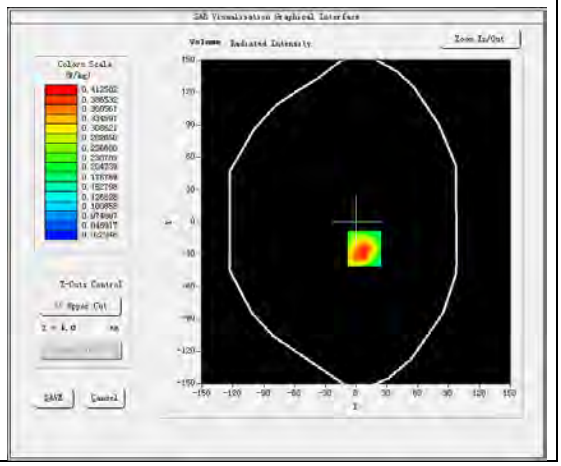
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=1.89;
Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 0.89 mho/m; ε r = 39.36; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

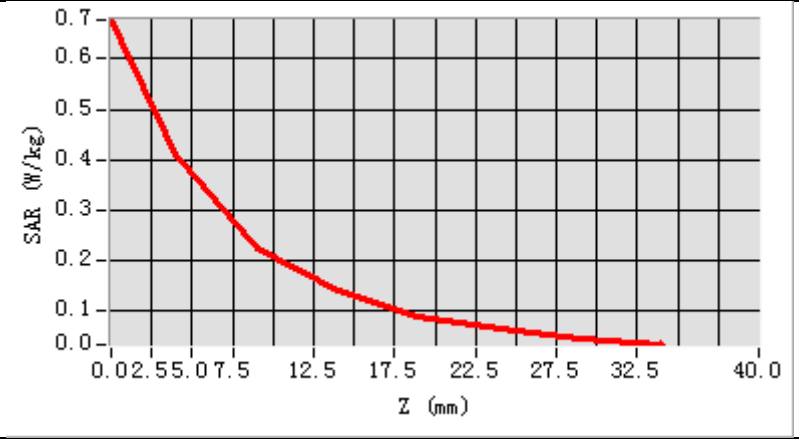
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

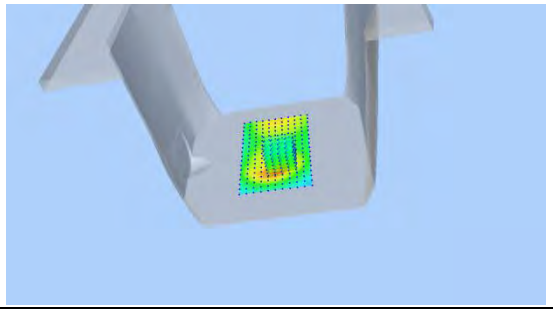
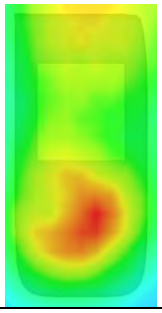
SURFACE SAR	VOLUME SAR
	

Maximum location: X=8.00, Y=-25.00
SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.216924
SAR 1g (W/Kg)	0.407540

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6775	0.4125	0.2227	0.1423	0.0904	0.0655	0.0435



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 05, 2024**
GPRS 850 Mid- Body- Back (2up)
DUT: 4G SMARTPHONE; Type: MOJO

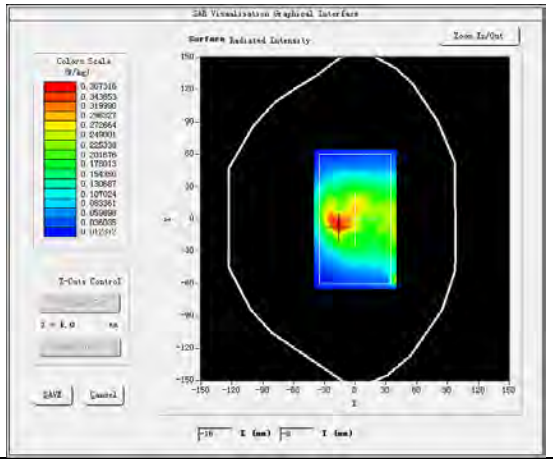
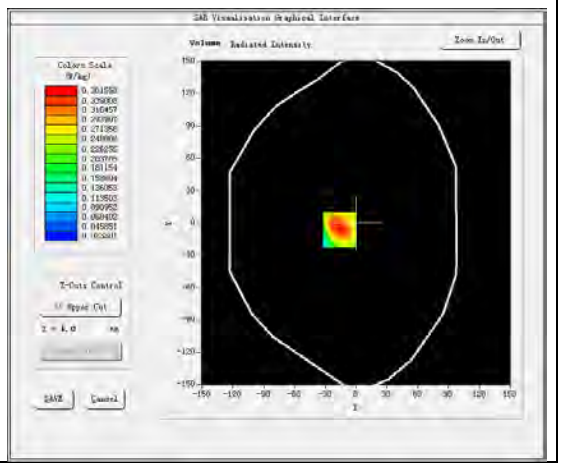
Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=1.89;
Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ = 0.89 mho/m; ε r = 39.36; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GPRS 850 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS 850 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

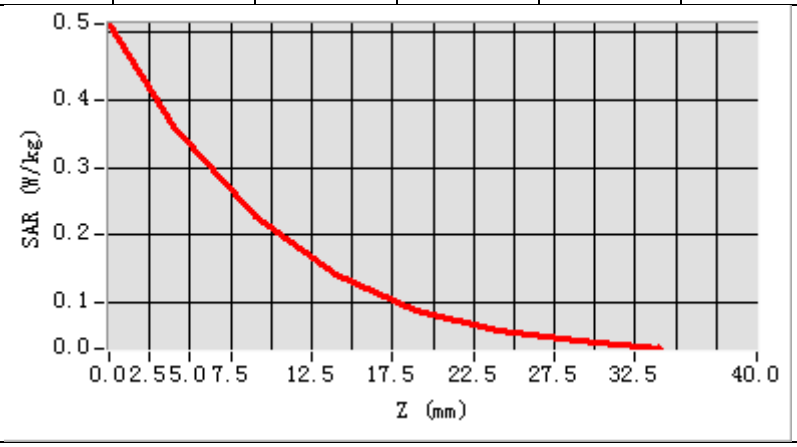
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)

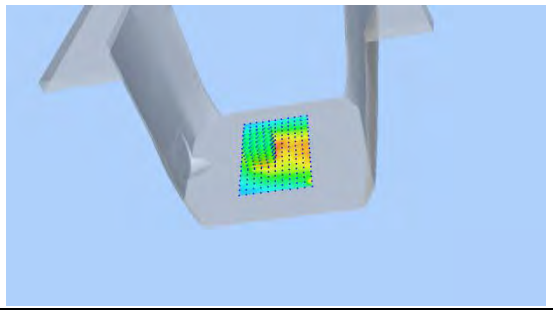
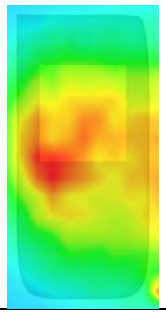
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-16.00, Y=-6.00
SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.197181
SAR 1g (W/Kg)	0.346345

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5127	0.3616	0.2262	0.1427	0.0874	0.0578	0.0426



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 19, 2024**
PCS 1900 Mid-Touch-Right <SIM 1>
DUT: 4G SMARTPHONE; Type: MOJO

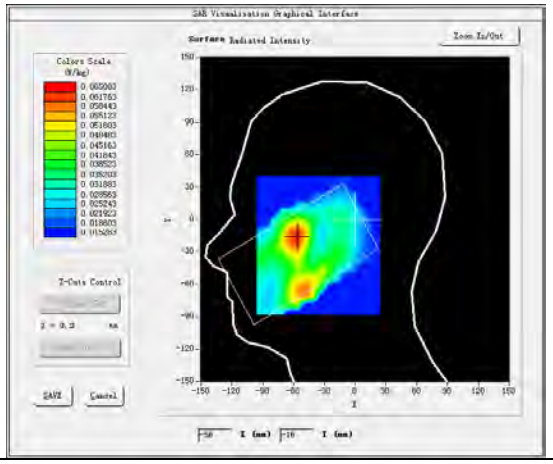
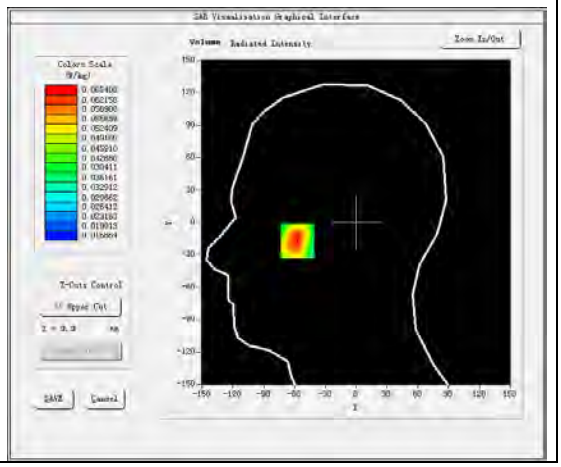
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=2.06;
Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.35 mho/m; ε r =39.21; ρ = 1000 kg/m^3 ;
Phantom section: Right Section
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

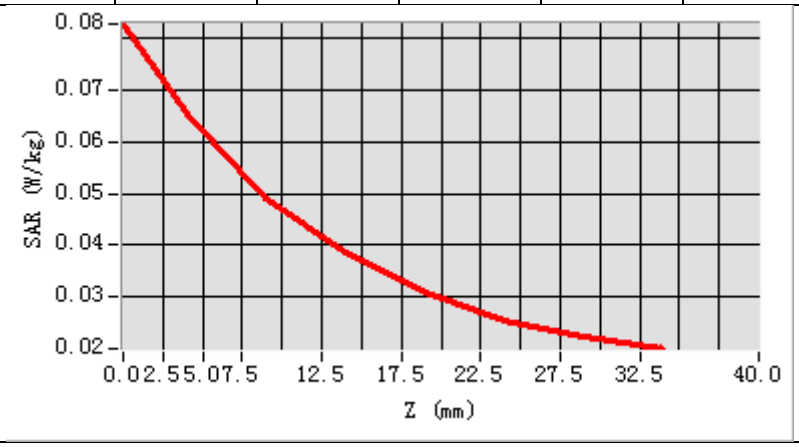
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

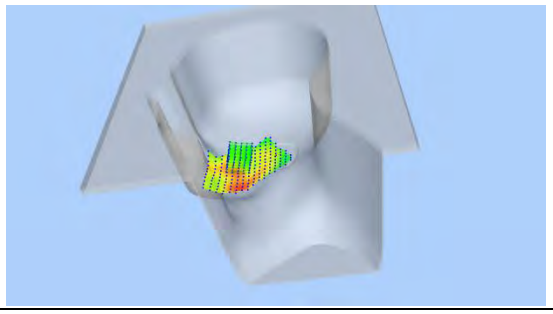
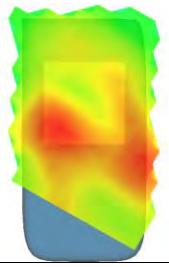
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-57.00, Y=-16.00
SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.043686
SAR 1g (W/Kg)	0.062995

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0829	0.0654	0.0491	0.0386	0.0307	0.0253	0.0223



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 19, 2024**
PCS 1900 Mid-Body-Back (MS)<SIM 1>
DUT: 4G SMARTPHONE; Type: MOJO

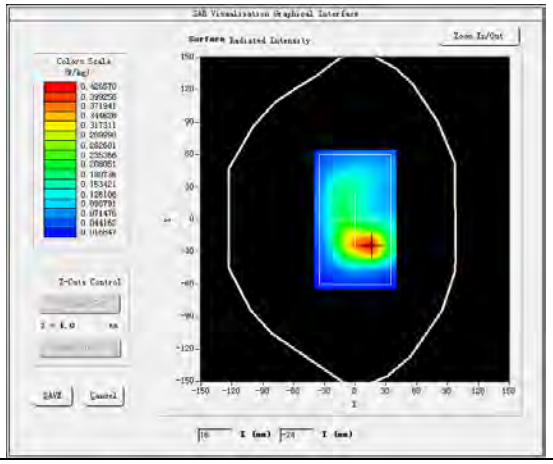
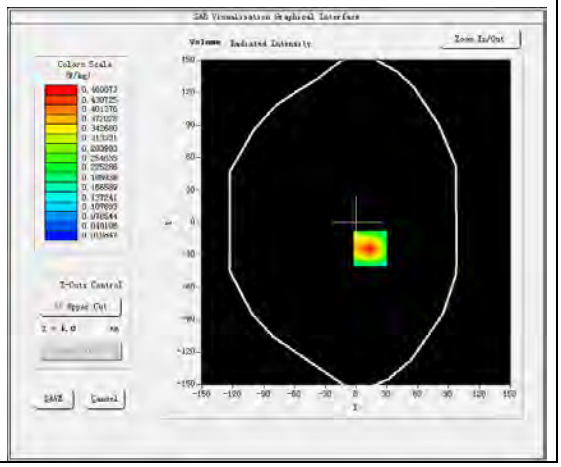
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=2.06;
Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.35 mho/m; ε r =39.21; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

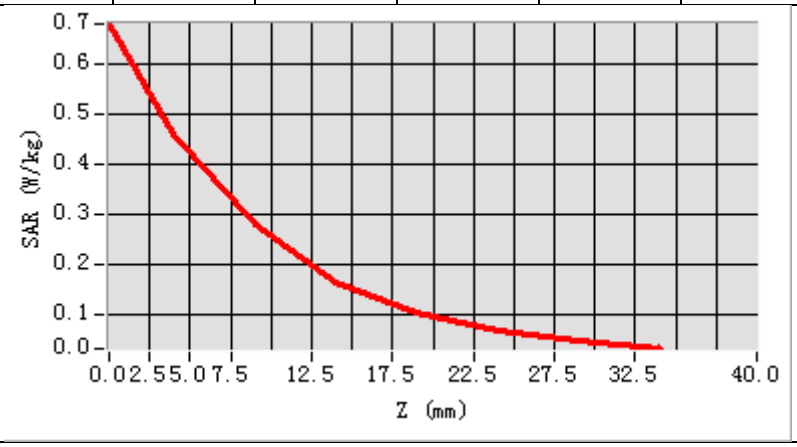
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

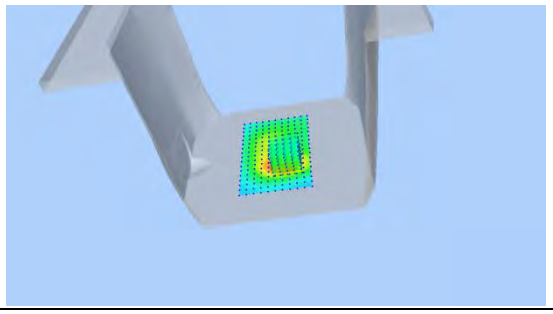
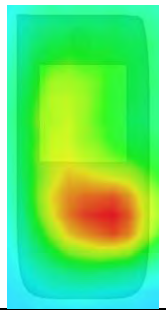
SURFACE SAR	VOLUME SAR
	

Maximum location: X=14.00, Y=-24.00
SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.243460
SAR 1g (W/Kg)	0.434696

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6779	0.4601	0.2774	0.1642	0.1012	0.0672	0.0453



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 19, 2024**
GPRS 1900 Mid-Body-Back (3up)
DUT: 4G SMARTPHONE; Type: MOJO

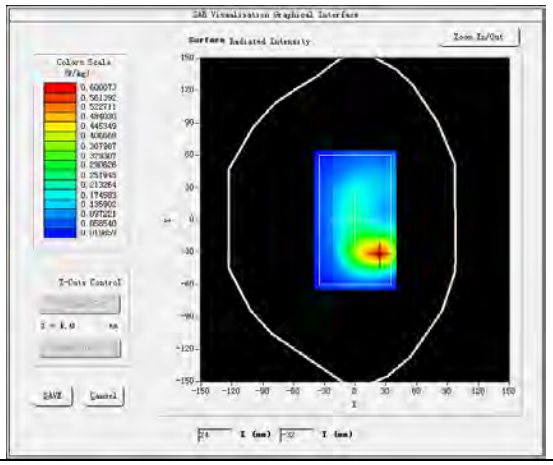
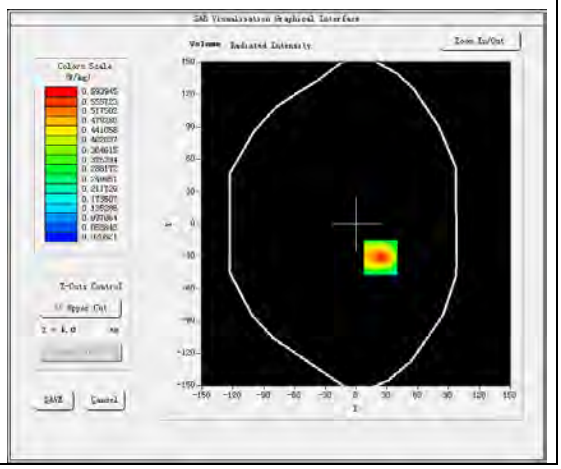
Communication System: GPRS-3Slot; Communication System Band: PCS 1900; Duty Cycle: 1:4.2; Conv.F=2.06;
Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ = 1.35 mho/m; ε r =39.21; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GPRS1900 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS1900 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

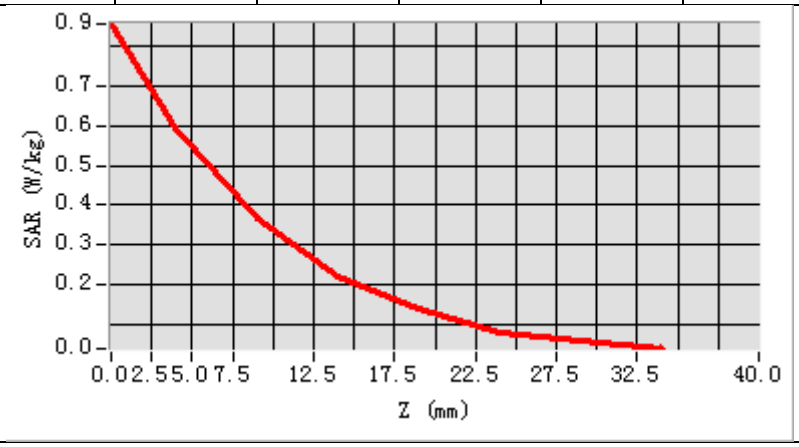
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 4.0)

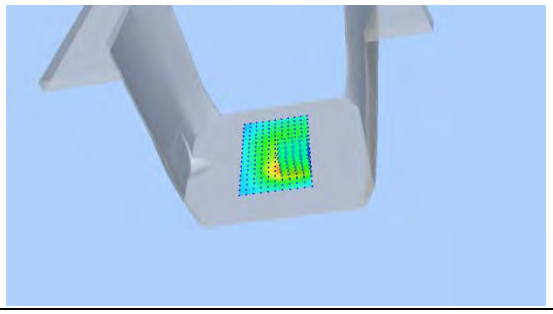
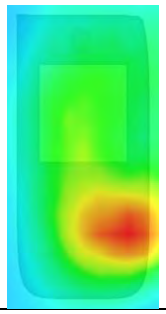
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=24.00, Y=-31.00
SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.305390
SAR 1g (W/Kg)	0.550896

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8576	0.5939	0.3654	0.2200	0.1364	0.0790	0.0558



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 25, 2024**
LTE Band 2 Mid-Touch-Right (1 RB#0)
DUT: 4G SMARTPHONE; Type: MOJO

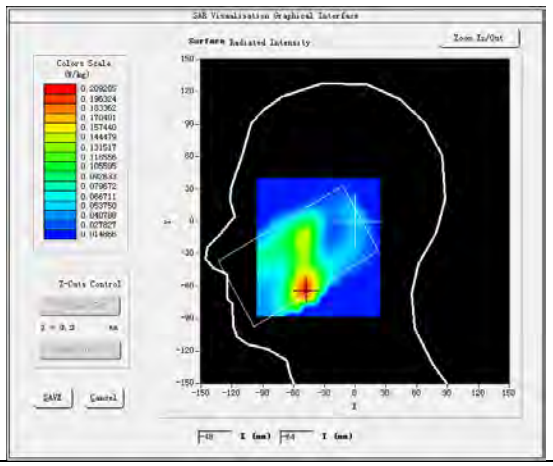
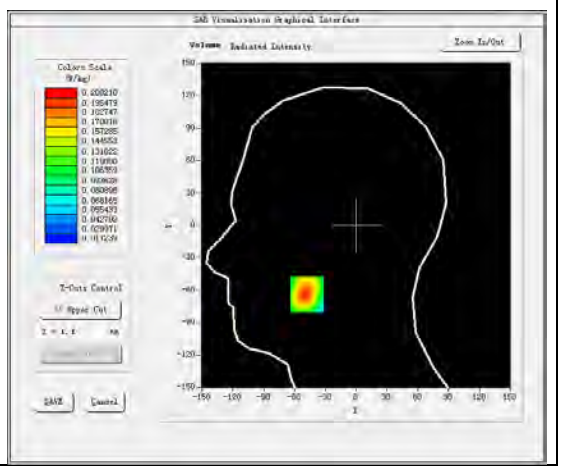
Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.06;
Frequency:1880MHz; Medium parameters used: f =1900 MHz; σ = 1.36 mho/m; ε_r =38.35; ρ = 1000 kg/m^3 ;
Phantom section: Right Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 2 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

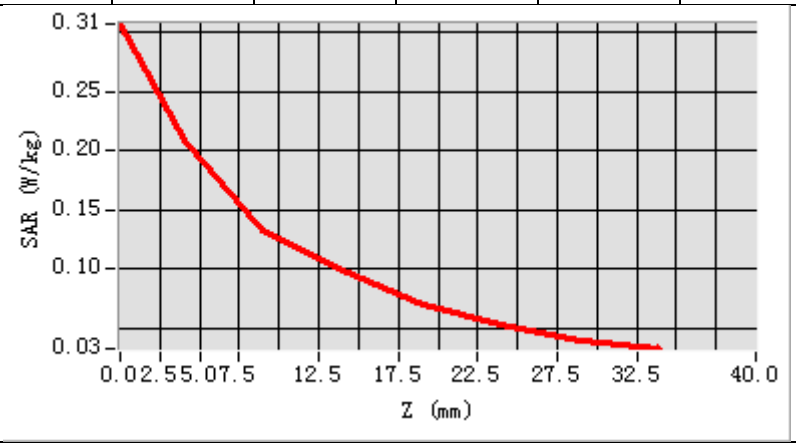
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

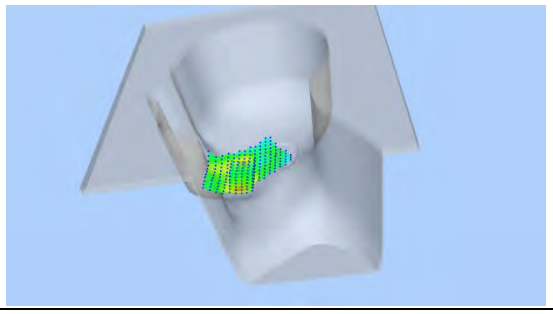
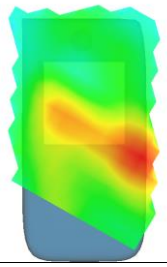
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-48.00, Y=-64.00
SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.119736
SAR 1g (W/Kg)	0.199475

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3073	0.2082	0.1329	0.0984	0.0704	0.0523	0.0396



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 25, 2024**
LTE Band 2 Mid-Body- Botomm (1 RB#0)
DUT: 4G SMARTPHONE; Type: MOJO

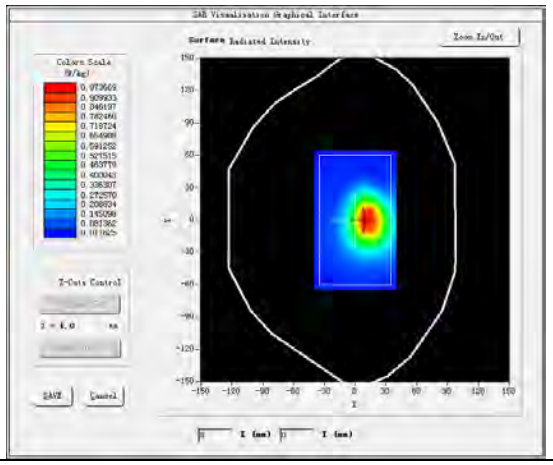
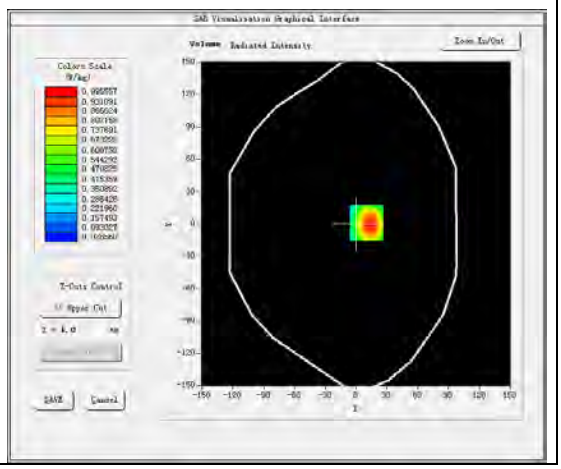
Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.06;
Frequency:1880MHz; Medium parameters used: f = 1900 MHz; σ = 1.36 mho/m; ε_r =38.35; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

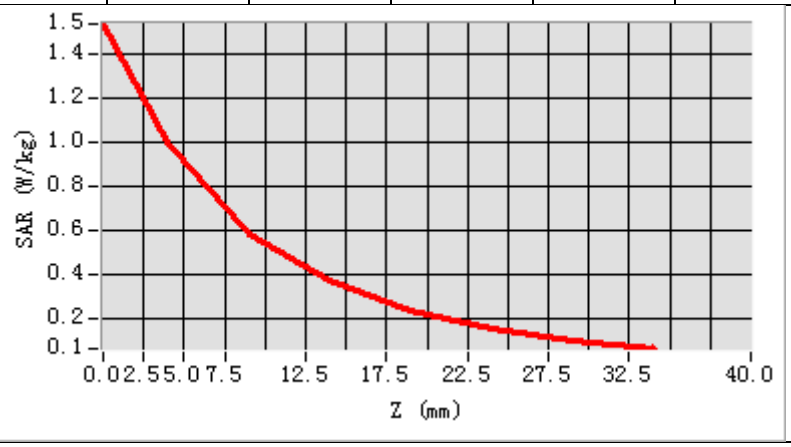
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Botomm
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

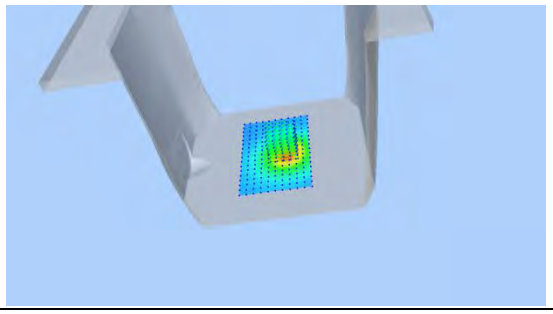
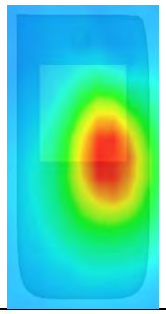
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=1.00
SAR Peak: 1.62 W/kg

SAR 10g (W/Kg)	0.534698
SAR 1g (W/Kg)	0.979209

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5390	0.9956	0.5790	0.3718	0.2337	0.1483	0.0924



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 18, 2024**
LTE Band 4 Mid-Touch-Right (1 RB#0)
DUT: 4G SMARTPHONE; Type: MOJO

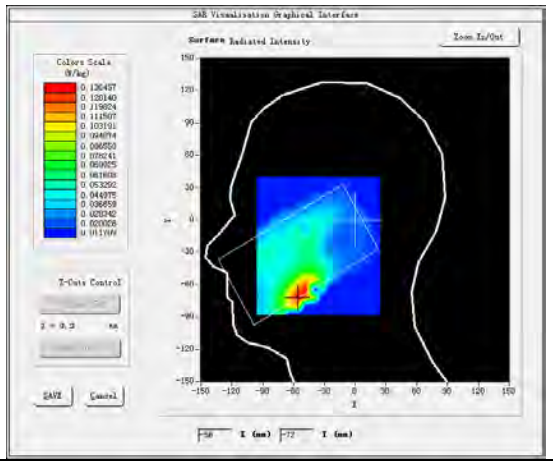
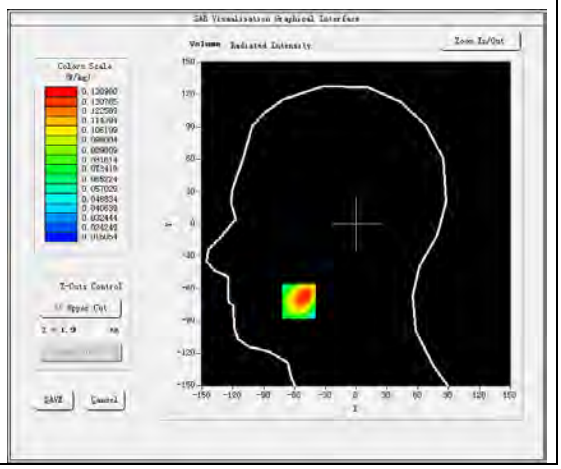
Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=1.99;
Frequency:1732.5 MHz; Medium parameters used: f =1750 MHz; σ = 1.40 mho/m; ε r =39.39; ρ = 1000 kg/m^3 ;
Phantom section: Right Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 22.0

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 4 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

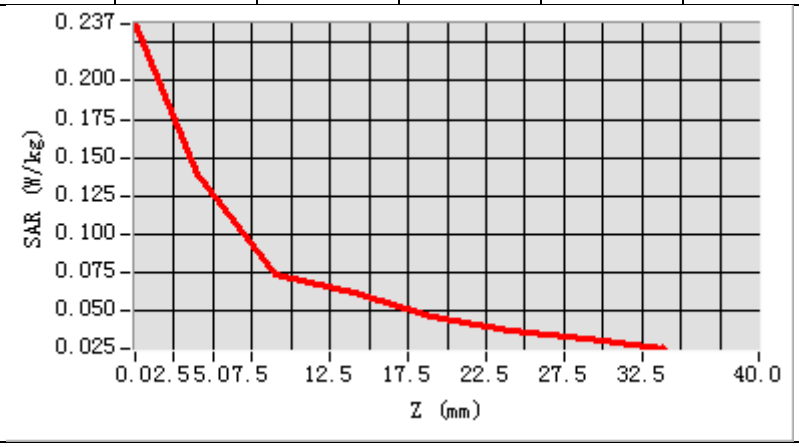
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

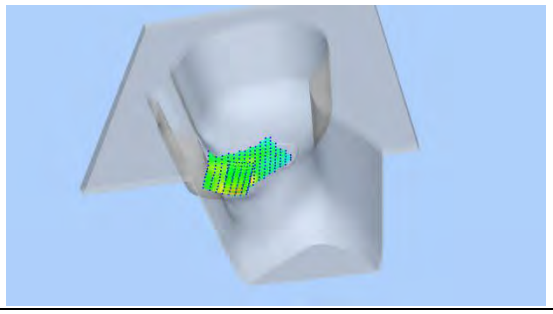
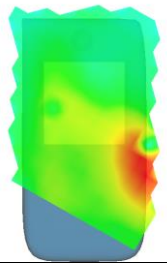
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-56.00, Y=-72.00
SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.083463
SAR 1g (W/Kg)	0.134326

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2371	0.1390	0.0739	0.0624	0.0459	0.0367	0.0322



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 18, 2024**
LTE Band 4 Mid-Body-Back (1 RB#0)
DUT: 4G SMARTPHONE; Type: MOJO

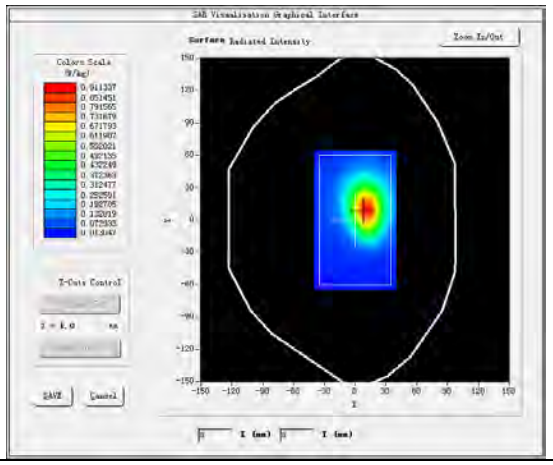
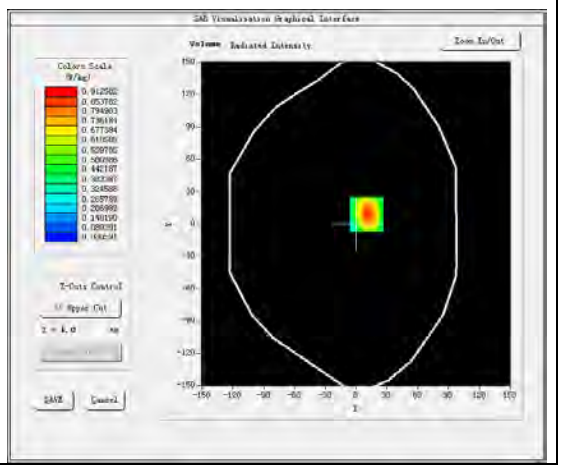
Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=1.99;
Frequency:1732.5 MHz; Medium parameters used: f = 1750 MHz; σ = 1.40 mho/m; ε_r =39.39; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 22.0

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 4 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

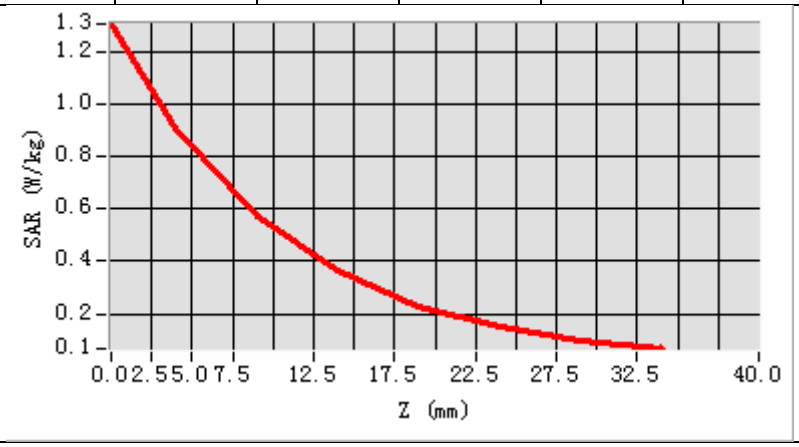
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

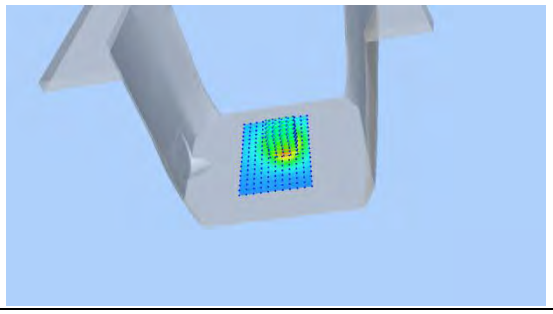
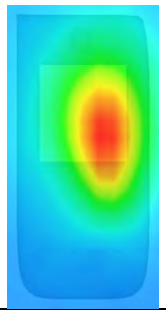
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=9.00
SAR Peak: 1.31 W/kg

SAR 10g (W/Kg)	0.484924
SAR 1g (W/Kg)	0.851350

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3076	0.9126	0.5709	0.3646	0.2242	0.1495	0.0978



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 12, 2024**
LTE Band 5 Mid-Touch-Right (1 RB#0)
DUT: 4G SMARTPHONE; Type: MOJO

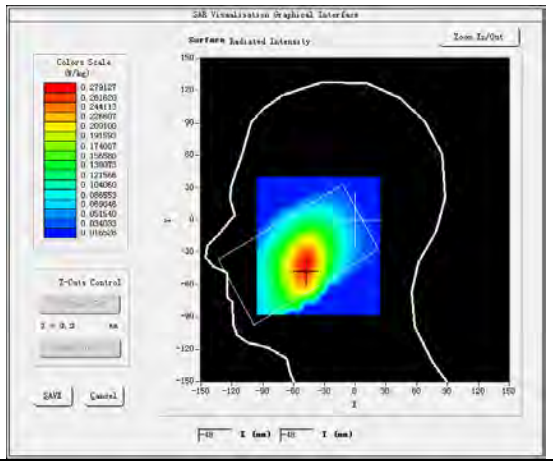
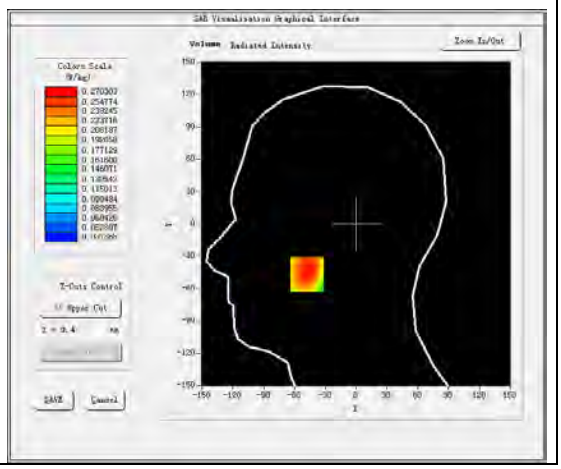
Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=1.89
Frequency: 836.5 MHz; Medium parameters used: f = 835 MHz; σ =0.89 mho/m; ε r =40.21; ρ = 1000 kg/m^3 ;
Phantom section: Right Section
Ambient temperature (℃): 21.6, Liquid temperature (℃): 21.5

SATIMO Configuration:
Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 5 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

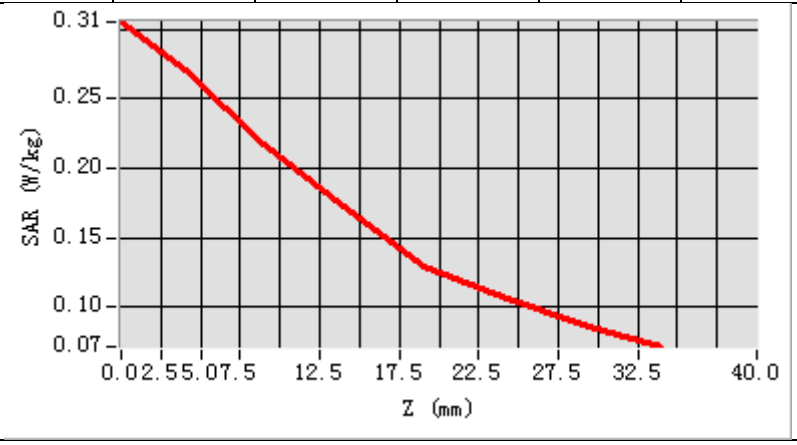
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

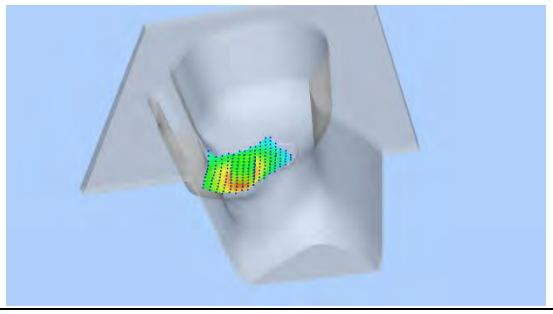
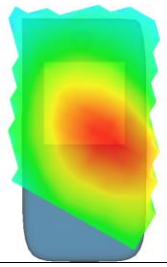
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-48.00, Y=-47.00
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.197505
SAR 1g (W/Kg)	0.226467

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3055	0.2703	0.2176	0.1730	0.1294	0.1076	0.0877



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: May 12, 2024**
LTE Band 5 Mid-Body-Back (1 RB#0)
DUT: 4G SMARTPHONE; Type: MOJO

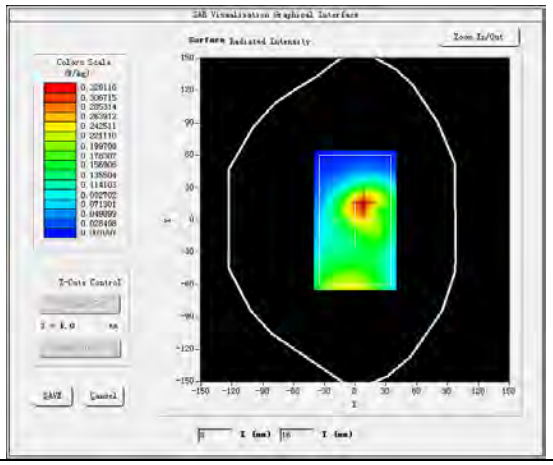
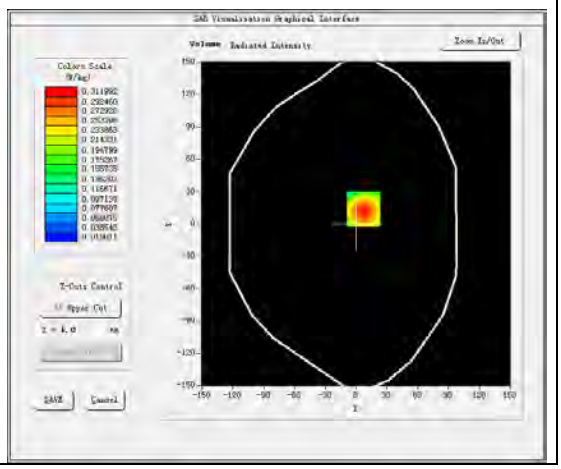
Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=1.89
Frequency:836.5 MHz; Medium parameters used: f = 835 MHz; σ =0.89mho/m; ε r =40.21; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.6, Liquid temperature (℃): 21.5

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 5 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 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 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=14.00
SAR Peak: 0.47 W/kg

SAR 10g (W/Kg)	0.176844
SAR 1g (W/Kg)	0.298327