TEST REPORT

Reference No.	:	WTX23X11234948W
FCC ID	:	2A96I-UA81
Applicant	:	Shanghai UniOne Science&Technology CO., Ltd.
Address	:	Building 4,No.651 Wanfang Road, Pujiang Town, Minhang District, Shanghai
Manufacturer		The same as Applicant
Address		The same as Applicant
Product Name	:	Rugged Android Tablet
Model No.	:	UA81
Standards	:	FCC Part 2.1093 IEEE Std C95.1: 2019 IEEE Std C95.3: 2002 + Rev. 2008 IEC/IEEE 62209-1528 Ed. 1.0 (2020-10)
Date of Receipt sample	:	2023-05-26; 2023-11-09
Date of Test	:	2023-05-26 to 2023-08-22; 2023-11-09 to 2023-11-16
Date of Issue	:	2023-11-22
Test Report Form No.	:	WTX_IEEE_1528W
Test Result	:	**Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,
Block 70 Bao'an District, Shenzhen, Guangdong, China

Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:

Jack Sun

Approved by:

Silin Chen

TABLE OF CONTENTS

Report version

Version No.	Date of issue	Description
Rev.00	2023-08-22	Original report WTX23X05115369W009.
Rev.01	2023-11-22	Refer the old report WTX23X05115369W009, the soft glue on the four sides of the board was replaced, the spring foot on the side was removed, the EUT photo and model name were updated, and added difference test data, but the circuit and electronic structure were not changed, as stated by the manufacturer.
/	/	/

1. General Information

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT:	
Product Name:	Rugged Android Tablet
Brand Name:	/
Model No.:	UA81
Adding Model(s):	/
Rated Voltage:	DC3.8V
Battery Capacity	8200mAh
Power Adapter:	MODEL:ASUC71w-050912300 Input: AC100-240V 50/60Hz 0.7A Output:DC5.0V3.0A or DC9.0V2.0A or DC12.0V1.5A
Software Version:	RUO00.90.A6.29
Hardware Version:	V4.0
Note: The test data is gathered from a production sample provided by the manufacturer.	

Technical Characteristics of EUT:	
3G	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Band:	WCDMA Band 2, WCDMA Band 5
Uplink Frequency:	WCDMA Band 2: 1850~1910MHz WCDMA Band 5: 824~849MHz
Downlink Frequency:	WCDMA Band 2: 1930~1990MHz WCDMA Band 5: 869~894MHz
RF Output Power:	WCDMA Band 2: 22.33dBm, WCDMA Band 5: 22.78dBm
Type of Modulation:	BPSK, QPSK, 16QAM
Antenna Type:	FPC Antenna
Antenna Gain:	WCDMA Band 2: 2.74dBi, WCDMA Band 5: 1.69dBi
4G	
Support Networks:	FDD-LTE, TDD-LTE
Support Band:	FDD-LTE Band 2, 4, 5, 7,12, 13, 17, 25, 66, TDD-LTE Band 38, 40, 41
Uplink Frequency:	FDD-LTE Band 2: Tx: 1850-1910MHz, FDD-LTE Band 4: Tx: 1710-1755MHz, FDD-LTE Band 5: Tx: 824-849MHz, FDD-LTE Band 7: Tx: 2500-2570MHz,

	FDD-LTE Band 12: Tx: 699-716MHz, FDD-LTE Band 13: Tx: 777-787MHz, FDD-LTE Band 17: Tx: 704-716MHz, FDD-LTE Band 25: Tx: 1850-1915MHz, TDD-LTE Band 38: Tx: 2570-2620MHz, TDD-LTE Band 40: Tx: 2305-2315MHz, TDD-LTE Band 40: Tx: 2350-2360MHz, TDD-LTE Band 41: Tx: 2496-2690MHz FDD-LTE Band 66: Tx: 1710-1780MHz,
Downlink Frequency:	FDD-LTE Band 2: Rx: 1930-1990MHz, FDD-LTE Band 4: Rx: 2110-2155MHz, FDD-LTE Band 5: Rx: 869-894MHz, FDD-LTE Band 7: Rx: 2620-2690MHz, FDD-LTE Band 12: Rx: 729-746MHz, FDD-LTE Band 13: Rx: 746-756MHz, FDD-LTE Band 17: Rx: 734-746MHz, FDD-LTE Band 25: Rx: 1930-1995MHz, TDD-LTE Band 38: Rx: 2570-2620MHz TDD-LTE Band 40: Rx: 2305-2315MHz, TDD-LTE Band 40: Rx: 2350-2360MHz, TDD-LTE Band 41: Rx: 2496-2690MHz FDD-LTE Band 66: Rx: 2110-2200MHz,
RF Output Power:	FDD-LTE Band 2: 22.75dBm, FDD-LTE Band 4: 23.44dBm, FDD-LTE Band 5: 22.47 FDD-LTE Band 7: 23.42dBm, FDD-LTE Band 12: 22.87dBm, FDD-LTE Band 13: 22.63dBm FDD-LTE Band 17: 23.01dBm, FDD-LTE Band 25: 23.79dBm TDD-LTE Band 38: 23.71dBm, TDD-LTE Band 40(2305-2315MHz): 23.31dBm, TDD-LTE Band 40(2350-2360MHz): 23.32dBm, TDD-LTE Band 41: 22.59dBm FDD-LTE Band 66: 23.79dBm
Type of Modulation:	QPSK, 16QAM
Antenna Type:	FPC Antenna
Antenna Gain:	FDD-LTE Band 2: 2.74dBi, FDD-LTE Band 4: 3.44dBi, FDD-LTE Band 5: 1.69dBi, FDD-LTE Band 7: 3.21dBi, FDD-LTE Band 12: 0.06dBi, FDD-LTE Band 13: 0.99dBi, FDD-LTE Band 17: 0.06dBi, FDD-LTE Band 25: 2.74dBi, TDD-LTE Band38: 3.12dBi, TDD-LTE Band 40: 2.92dBi, TDD-LTE Band 41: 3.21dBi FDD-LTE Band 66: 3.67dBi
Wi-Fi(5GHz)	
Support Standards:	802.11a, 802.11n-HT20/40, 802.11ac-VHT20/40/80
Frequency Range:	5150-5250MHz, 5725-5850MHz

RF Output Power:	15.03dBm (Conducted)
Type of Modulation:	QPSK, 16QAM, 64QAM,256QAM
Type of Antenna:	FPC Antenna
Antenna Gain:	5150-5250MHz: 1.99dBi 5725-5850MHz: 1.22dBi
WIFI(2.4GHz)	
Support Standards:	802.11b, 802.11g, 802.11n
Frequency Range:	2412-2462MHz for 11b/g/n(HT20) 2422-2452MHz for 11n(HT40)
RF Output Power:	16.82dBm (Conducted)
Type of Modulation:	CCK, OFDM, QPSK, BPSK, 16QAM, 64QAM
Quantity of Channels:	11 for 802.11b/g/n(HT20); 7 for 802.11n(HT40)
Channel Separation:	5MHz
Antenna Type:	FPC Antenna
Antenna Gain:	5.01dBi
Bluetooth	
Bluetooth Version:	V5.1
Frequency Range:	2402-2480MHz
RF Output Power:	7.75dBm (Conducted)
Data Rate:	1Mbps, 2Mbps, 3Mbps
Modulation:	GFSK, π/4 DQPSK, 8DPSK
Quantity of Channels:	79/40
Channel Separation:	1MHz/2MHz
Antenna Type:	FPC Antenna
Antenna Gain:	5.01dBi
NFC	
Support Standards:	NFC
Frequency Range:	13.56MHz
Max. Field Strength:	66.15dBuV/m (at 3m)
Antenna Type:	FPC Antenna
Antenna Gain	0dBi
Note: The Antenna Gain is provided by the customer and can affect the validity of results.	

1.2 Test Standards

The following report is accordance with FCC 47 CFR Part 2.1093, IEEE Std C95.1: 2019, IEEE Std C95.3: 2002 + Rev. 2008, IEC/IEEE 62209-1528 Ed. 1.0 (2020-10), KDB 447498 D01 v06, KDB 648474 D04 v01r03, KDB 248227 D01 v02r02, KDB 941225 D01 v03r01, KDB 941225 D05 v02r05 , and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

The objective is to determine compliance with FCC Part 2.1093 of the Federal Communication Commissions rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which is result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02. The public notice KDB 447498 D01 v06 for Mobile and Portable Devices RF Exposure Procedure also.

1.4 Test Facility

Address of the test laboratory
Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.
Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990
Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010.Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A
The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

2. Summary of Test Results

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

Original data:

Frequency Band	Body (0mm Gap) Maximum SAR_{1g} (W/kg)	SAR_{1g} Limit (W/kg)
WCDMA	1.070	1.6
LTE	**1.118**	1.6
WLAN 5GHz	0.486	1.6
WLAN 2.4GHz	0.351	1.6
Bluetooth	0.096	1.6
Simultaneous Transmission	**1.420**	1.6

Difference test data:

Frequency Band	Body (0mm Gap) Maximum SAR_{1g} (W/kg)	SAR_{1g} Limit (W/kg)
WCDMA	**1.160**	1.6
LTE	1.151	1.6
WLAN 5GHz	0.478	1.6
WLAN 2.4GHz	0.344	1.6
Bluetooth	0.095	1.6
Simultaneous Transmission	**1.452**	1.6

Remark:

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR Part 2.1093 and IEEE Std C95.1: 2019 and had been tested in accordance with the measurement methods and procedure specified in IEC/IEEE 62209-1528 Ed. 1.0 (2020-10) and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

3. Specific Absorption Rate (SAR)

3.1 Introduction

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

3.2 SAR Definition

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

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

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

$$\mathbf{SAR} = \mathbf{C}\left(\frac{\boldsymbol{\delta}\mathbf{T}}{\boldsymbol{\delta}\mathbf{t}}\right)$$

Where: C is the specific heat capacity, δ T is the temperature rise and δ t is the exposure duration, or related to the
electrical field in the tissue by

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

Where: σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the RMS electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.

4. SAR Measurement System

4.1 The Measurement System

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

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

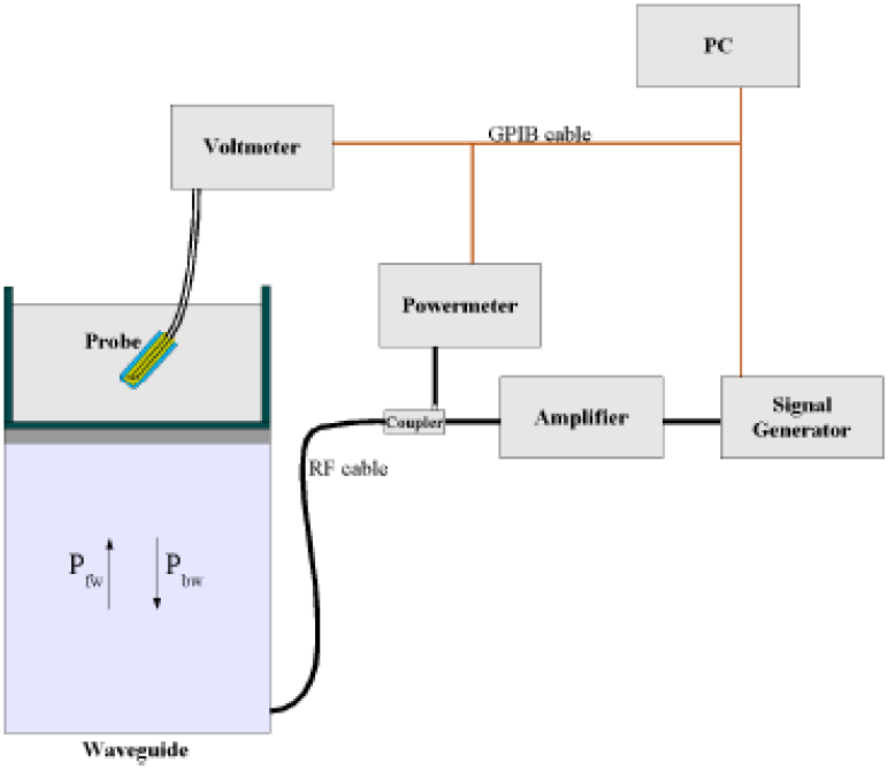
The following figure shows the system.

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

4.2 Probe

For the measurements the Specific Dosimetric E-Field Probe SSE2 SN 18/21 EPGO356, and refer to the calibration report for probe parameters.

Probe calibration is realized, in compliance with EN 62209-1 and IEC/IEEE 62209-1528 Ed. 1.0 (2020-10) STD, with CALISAR, Antenna proprietary calibration system. The calibration is performed with the EN 62209-1 annexes technique using reference guide at the five frequencies.



$$SAR = \frac{4\left(P_{fw} - P_{bw}\right)}{ab\delta} \cos^2\left(\pi \frac{y}{a}\right) e^{-(2z/\delta)}$$

Where :

Pfw = Forward Power

Pbw = Backward Power

a and b =Waveguide dimensions

I = Skin depth

Keithley configuration:

Rate = Medium; Filter = ON; RDGS = 10; Filter type = Moving Average; Range auto after each calibration, a SAR measurement is performed on a validation dipole and compared with a NPL calibrated probe, to verify it. The calibration factors, CF(N), for the 3 sensors corresponding to dipole 1, dipole 2 and dipole 3 are:

CF(N)=SAR(N)/Vlin(N) (N=1,2,3)

The linearised output voltage Vlin(N) is obtained from the displayed output voltage V(N) using

Vlin(N)=V(N)*(1+V(N)/DCP(N)) (N=1,2,3)

where DCP is the diode compression point in mV.

4.3 Probe Calibration Process

Dosimetric Assessment Procedure

Each E-Probe/Probe Amplifier combination has unique calibration parameters. SATIMO Probe calibration procedure is conducted to determine the proper amplifier settings to enter in the probe parameters. The amplifier settings are determined for a given frequency by subjecting the probe to a known E-field density (1 mW/cm2) using an with CALISAR, Antenna proprietary calibration system.

Free Space Assessment Procedure

The free space E-field from amplified probe outputs is determined in a test chamber. This calibration can be performed in a TEM cell if the frequency is below 1 GHz and in a waveguide or other methodologies above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is rotated 360 degrees until the three channels show the maximum reading. The power density readings equates to 1mW/cm2.

Temperature Assessment Procedure

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated head tissue. The E-field in the medium correlates with the temperature rise in the dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

$$SAR = C\frac{\Delta T}{\Delta t}$$

Where:

Δt = exposure time (30 seconds),

C = heat capacity of tissue (brain or muscle),

ΔT = temperature increase due to RF exposure.

SAR is proportional to ΔT/Δt, the initial rate of tissue heating, before thermal diffusion takes place. The electric field in the simulated tissue can be used to estimate SAR by equating the thermally derived SAR to that with the E- field component.

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

Where:

σ = simulated tissue conductivity,

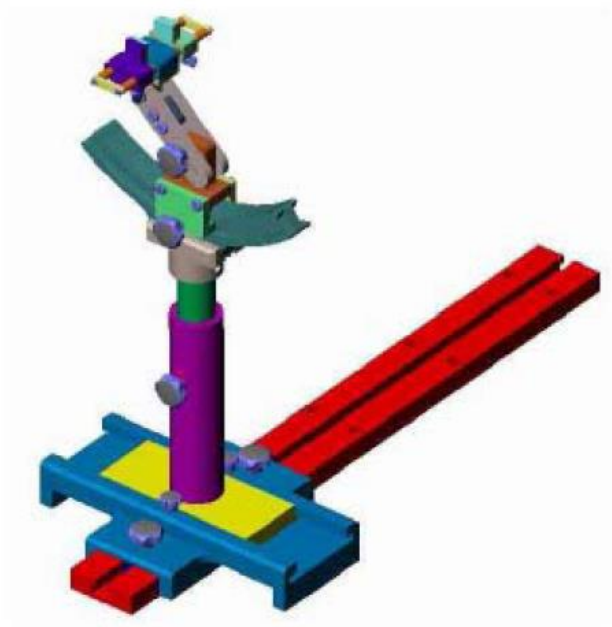
ρ = Tissue density (1.25 g/cm3 for brain tissue)

4.4 Phantom

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

4.5 Device Holder

The positioning system allows obtaining cheek and tilting position with a very good accuracy. In compliance with CENELEC, the tilt angle uncertainty is lower than 1°.



System Material	Permittivity	Loss Tangent
Delrin	3.7	0.005

4.6 Test Equipment List

Original data:

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
E-Field Probe	MVG	SSE2	SN 18/21 EPGO356	2022-07-08	2023-07-07
E-Field Probe	MVG	SSE2	SN 18/21 EPGO356	2023-07-07	2024-07-06
750MHz Dipole	MVG	SID750	SN 09/15 DIP 0G750-357	2020-08-29	2023-08-28
835MHz Dipole	MVG	SID835	SN 09/15 DIP 0G835-358	2020-08-29	2023-08-28
1800MHz Dipole	MVG	SID1800	SN 09/15 DIP 1G800-360	2020-08-29	2023-08-28
1900MHz Dipole	MVG	SID1900	SN 09/15 DIP 1G900-361	2020-08-29	2023-08-28
2300 MHz Dipole	MVG	SID2300	SN 50/20 DIP 2G300-513	2021-01-14	2024-01-13
2450MHz Dipole	MVG	SID2450	SN 09/15 DIP 2G450-363	2020-08-29	2023-08-28
2600MHz Dipole	MVG	SID2600	SN 28/21 DIP 2G600-590	2021-07-16	2024-07-15
5 GHz Dipole	MVG	SID5000	SN 02/21 DIP 5G000-543	2021-07-21	2024-07-20
Dielectric Probe	SATIMO	SCLMP	SN 47/12 OCPG49	2023-02-25	2024-02-24
SAM Phantom	SATIMO	SAM	SN/ 47/12 SAM95	N/A	N/A
Multi Meter	Keithley	Keithley 2000	4006367	2023-02-25	2024-02-24
Power meter	Keithley	3500	JC-2017-09-001	2023-02-25	2024-02-24
Power meter	Keithley	3500	JC-2017-09-001	2023-02-25	2024-02-24
Power Sensor	HP	11636B	JC-2017-10-002	2023-02-25	2024-02-24
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61252892	2023-02-25	2024-02-24
Universal Tester	Rohde & Schwarz	CMU200	112315	2023-02-25	2024-02-24
Universal Radio Communication Tester	Rohde & Schwarz	CMW500	148650	2023-02-25	2024-02-24
Network Analyzer	HP	8753C	2901A00831	2023-02-25	2024-02-24

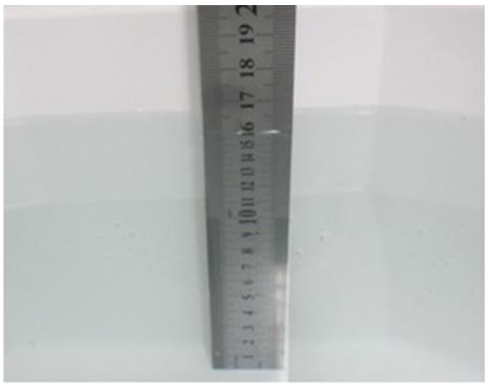
Difference test data:

Fixed asset Number	Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
WTXE1053A1006	E-Field Probe	MVG	SSE2	SN 18/21 EPGO356	2023-07-07	2024-07-06
WTXE1053A1001-005	1900MHz Dipole	MVG	SID1900	SN 47/12 DIP 1G900-207	2023-08-20	2026-08-19
WTXE1053A1001-007	2450MHz Dipole	MVG	SID2450	SN 13/15 DIP 2G450-364	2023-08-20	2026-08-19
WTXE1053A1007	5 GHz Dipole	MVG	SID5000	SN 02/21 DIP 5G000-543	2021-07-21	2024-07-20
WTXE1053A1001-010	Dielectric Probe	SATIMO	SCLMP	SN 47/12 OCPG49	2023-02-25	2024-02-24
WTXE1075A1003	Power meter	Keithley	3500	1232959	2023-02-25	2024-02-24
WTXE1075A1001	Power meter	Keithley	3500	1162591	2023-02-25	2024-02-24
WTXE1104A1003	EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61252892	2023-02-25	2024-02-24
WTXE1022A1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2023-02-25	2024-02-24
WTXE1041A1002	Communications Tester	Rohde & Schwarz	CMW500	148650	2023-02-25	2024-02-24
WTXE1036A1001	Network Analyzer	HP	85047A	2901A00831	2023-02-25	2024-02-24

5. Tissue Simulating Liquids

5.1 Composition of Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with SMTIMO, the phantom must be filled with around 25 liters of homogeneous body tissue simulating liquid. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. Please see the following photos for the liquid height.



Liquid Height for Head/Body SAR

The Composition of Tissue Simulating Liquid

Frequency (MHz)	Water (%)	Salt (%)	Sugar (%)	HEC (%)	Preventol (%)	DGBE (%)
Head/Body						
750	41.1	1.4	57.0	0.2	0.3	0
835	40.3	1.4	57.9	0.2	0.2	0
1700-1900	55.2	0.3	0	0	0	44.5
2300	68.6	0.1	0	0	0	31.3
2450	55.0	0.1	0	0	0	44.9
2600	54.9	0.1	0	0	0	45.0

Frequency (MHz)	Water (%)	Hexyl Carbitol (%)	Triton X-100 (%)
Head/Body			
5200-5800	78.6	10.7	10.7

5.2 Tissue Dielectric Parameters for Head and Body Phantoms

According to FCC KDBs, IEC/IEEE 62209-1528 Ed. 1.0 (2020-10) and CEI/IEC 62209 standards state that the system validation measurements must be performed using a reference dipole meeting the fore mentioned return loss and mechanical dimension requirements. The validation measurement must be performed against a liquid filled flat phantom, with the phantom constructed as outlined in the fore mentioned standards. Per the standards, the dipole shall be positioned below the bottom of the phantom, with the dipole length centered and parallel to the longest dimension of the flat phantom, with the top surface of the dipole at the described distance from the bottom surface of the phantom.

Target Frequency (MHz)	Head		Body	
	Conductivity (σ)	Permittivity (ε_r)	Conductivity (σ)	Permittivity (ε_r)
150	0.76	52.3	0.80	61.9
300	0.87	45.3	0.92	58.2
450	0.87	43.5	0.94	56.7
750	**0.89**	**41.9**	**0.96**	**55.5**
835	**0.90**	**41.5**	**0.97**	**55.2**
900	0.97	41.5	1.05	55.0
915	0.98	41.5	1.06	55.0
1450	1.20	40.5	1.30	54.0
1610	1.29	40.3	1.40	53.8
1800-2000	**1.40**	**40.0**	**1.52**	**53.3**
2300	**1.67**	**39.5**	**1.81**	**52.9**
2450	**1.80**	**39.2**	**1.95**	**52.7**
2600	**1.96**	**39.0**	**2.16**	**52.5**
3000	2.40	38.5	2.73	52.0
5200	**4.66**	**36.0**	**5.30**	**49.0**
5400	4.86	35.8	5.53	48.7
5600	5.07	35.5	5.77	48.5
5800	**5.27**	**35.3**	**6.00**	**48.2**

5.3 Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using COMOSAR Dielectric Probe Kit and an Agilent Network Analyzer.

Calibration Result for Dielectric Parameters of Tissue Simulating Liquid

Original data:

Head/Body Tissue Simulating Liquid									
Freq. MHz	Temp. (℃)	Conductivity			Permittivity			Limit (%)	Date
		Reading (σ)	Target (σ)	Delta (%)	Reading (ε r)	Target (ε r)	Delta (%)		
750	22.5	0.86	0.89	-3.37	42.28	41.90	0.91	±5	2023-06-24
835	22.5	0.87	0.90	-3.33	42.26	41.50	1.83	±5	2023-06-24
1800	22.2	1.37	1.40	-2.14	39.54	40.00	-1.15	±5	2023-08-21
1900	22.2	1.37	1.40	-2.14	39.52	40.00	-1.20	±5	2023-08-21
2300	22.2	1.78	1.81	-1.66	51.26	52.9	-3.10	±5	2023-06-27
2450	22.1	1.76	1.80	-2.22	39.12	39.20	-0.20	±5	2023-06-29
2600	22.1	1.93	1.96	-1.53	38.87	39.0	-0.33	±5	2023-06-30
5200	22.5	4.70	4.66	0.86	36.53	36.0	1.47	±5	2023-08-22
5800	22.5	5.18	5.27	-1.71	36.27	35.3	2.75	±5	2023-08-22
704	22.5	0.85	0.89	-4.49	42.27	41.90	0.88	±5	2023-06-24
707.5	22.5	0.85	0.89	-4.49	42.27	41.90	0.88	±5	2023-06-24
709	22.5	0.85	0.89	-4.49	42.27	41.90	0.88	±5	2023-06-24
710	22.5	0.85	0.89	-4.49	42.27	41.90	0.88	±5	2023-06-24
711	22.5	0.85	0.89	-4.49	42.27	41.90	0.88	±5	2023-06-24
782	22.5	0.86	0.89	-3.37	42.29	41.90	0.93	±5	2023-06-24
826.4	22.5	0.87	0.90	-3.33	42.27	41.50	1.86	±5	2023-06-24
829	22.5	0.87	0.90	-3.33	42.27	41.50	1.86	±5	2023-06-24
836.5	22.5	0.87	0.90	-3.33	42.26	41.50	1.83	±5	2023-06-24
836.6	22.5	0.87	0.90	-3.33	42.26	41.50	1.83	±5	2023-06-24
844	22.5	0.87	0.90	-3.33	42.26	41.50	1.83	±5	2023-06-24
846.6	22.5	0.87	0.90	-3.33	42.26	41.50	1.83	±5	2023-06-24
1720	22.2	1.38	1.40	-1.43	39.53	40.00	-1.18	±5	2023-08-21
1732.5	22.2	1.38	1.40	-1.43	39.53	40.00	-1.18	±5	2023-08-21
1745	22.2	1.38	1.40	-1.43	39.53	40.00	-1.18	±5	2023-08-21
1770	22.2	1.38	1.40	-1.43	39.53	40.00	-1.18	±5	2023-08-21
1852.4	22.2	1.36	1.40	-2.86	39.55	40.00	-1.13	±5	2023-08-21
1860	22.2	1.36	1.40	-2.86	39.55	40.00	-1.13	±5	2023-08-21
1880.0	22.2	1.36	1.40	-2.86	39.55	40.00	-1.13	±5	2023-08-21
1882.5	22.2	1.36	1.40	-2.86	39.55	40.00	-1.13	±5	2023-08-21
1905	22.2	1.37	1.40	-2.14	39.52	40.00	-1.20	±5	2023-08-21

1907.6	22.2	1.37	1.40	-2.14	39.52	40.00	-1.20	±5	2023-08-21
2310	22.2	1.78	1.81	-1.66	51.26	52.9	-3.10	±5	2023-06-27
2355	22.2	1.78	1.81	-1.66	51.27	52.9	-3.08	±5	2023-06-27
2402	22.1	1.78	1.80	-1.11	39.11	39.20	-0.23	±5	2023-06-29
2412	22.1	1.78	1.80	-1.11	39.11	39.20	-0.23	±5	2023-06-29
2437	22.1	1.76	1.80	-2.22	39.11	39.20	-0.23	±5	2023-06-29
2441	22.1	1.76	1.80	-2.22	39.12	39.20	-0.20	±5	2023-06-29
2462	22.1	1.76	1.80	-2.22	39.12	39.20	-0.20	±5	2023-06-29
2480	22.1	1.77	1.80	-1.67	39.13	39.20	-0.18	±5	2023-06-29
2506	22.1	1.91	1.96	-2.55	38.89	39.0	-0.28	±5	2023-06-30
2510	22.1	1.91	1.96	-2.55	38.89	39.0	-0.28	±5	2023-06-30
2535	22.1	1.92	1.96	-2.04	38.88	39.0	-0.31	±5	2023-06-30
2560	22.1	1.92	1.96	-2.04	38.88	39.0	-0.31	±5	2023-06-30
2580	22.1	1.93	1.96	-1.53	38.87	39.0	-0.33	±5	2023-06-30
2593	22.1	1.93	1.96	-1.53	38.87	39.0	-0.33	±5	2023-06-30
2595	22.1	1.93	1.96	-1.53	38.87	39.0	-0.33	±5	2023-06-30
2610	22.1	1.93	1.96	-1.53	38.87	39.0	-0.33	±5	2023-06-30
2680	22.1	1.94	1.96	-1.02	38.86	39.0	-0.36	±5	2023-06-30
5180	22.5	4.70	4.66	0.86	36.53	36.0	1.47	±5	2023-08-22
5240	22.5	4.69	4.66	0.64	36.52	36.0	1.44	±5	2023-08-22
5745	22.5	5.19	5.27	-1.52	36.29	35.3	2.80	±5	2023-08-22
5785	22.5	5.19	5.27	-1.52	36.28	35.3	2.78	±5	2023-08-22
5825	22.5	5.18	5.27	-1.71	36.27	35.3	2.75	±5	2023-08-22

Difference test data:

Head/Body Tissue Simulating Liquid									
Freq. MHz	Temp. (℃)	Conductivity			Permittivity			Limit (%)	Date
		Reading (σ)	Target (σ)	Delta (%)	Reading (ε r)	Target (ε r)	Delta (%)		
1900	22.5	1.38	1.40	-1.43	39.62	40.00	-0.95	±5	2023-11-11
2450	22.4	1.75	1.80	-2.78	40.49	39.20	3.29	±5	2023-11-14
5200	22.5	4.61	4.66	-1.07	37.34	36.00	3.72	±5	2023-11-15

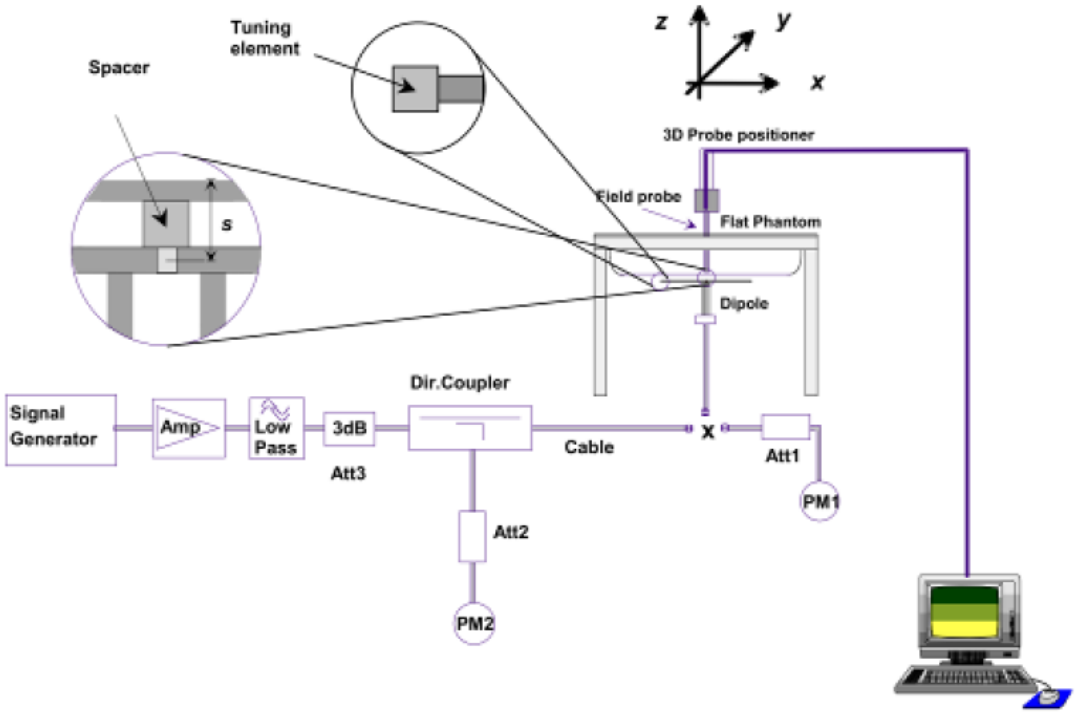
6. SAR Measurement Evaluation

6.1 Purpose of System Performance Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal SAR measurements in a simplified setup with a well characterized source. This setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

6.2 System Setup

In the simplified setup for system evaluation, the EUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave which comes from a signal generator at frequency 835MHz,1800MHz, 1900MHz 2450MHz,2600MHz,and 5GHz. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom.



System Verification Setup Block Diagram

Setup Photo of Dipole Antenna

The output power on dipole port must be calibrated to 24 dBm(250 mW) before dipole is connected.

6.3 Validation Results

Comparing to the original SAR value provided by SATIMO, the validation data should be within its specification of 10 %. Table 6.1 shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion.

Original data:

Frequency	Targeted SAR_{1g}	Measured SAR_{1g}	Normalized SAR_{1g}	Tolerance	Date
MHz	(W/kg)	(W/kg)	(W/kg)	(%)	
Head/Body					
750	8.78	2.16	8.64	-1.59	2023-06-24
835	9.58	2.41	9.64	0.63	2023-06-24
1800	38.76	9.61	38.44	-0.83	2023-08-21
1900	39.49	9.91	39.64	0.38	2023-08-21
2300	49.27	12.51	50.04	1.56	2023-06-27
2450	54.31	13.45	53.8	-0.94	2023-06-29
2600	56.81	13.67	54.68	-3.75	2023-06-30
5200	75.31	18.567	74.268	-1.38	2023-08-22
5800	78.05	18.087	72.348	-7.31	2023-08-22

Difference test data:

Frequency	Power	Targeted SAR_{1g}	Measured SAR_{1g}	Normalized SAR_{1g}	Tolerance	Date
MHz	(mw)	(W/kg)	(W/kg)	(W/kg)	(%)	
Head						
1900	250	39.59	9.624	38.496	-2.76	2023-11-11
2450	250	50.33	12.126	48.504	-3.63	2023-11-14
5200	250	75.31	18.567	74.268	-1.38	2023-11-15

Remark: Referring to IEC/IEEE 62209-1528 Ed. 1.0 (2020-10), the system check shall be performed at a test frequency that is within ±10% or ±100 MHz of the compliance test mid-band frequency, so the 1750 MHz system verification is made of 1800MHz Dipole.

Targeted and Measurement SAR

Please refer to Annex A for the plots of system performance check.

7. EUT Testing Position

7.1 Body Position

(a) To position the device parallel to the phantom surface with each side.
(b) To adjust the device parallel to the flat phantom.
(c) To adjust the distance between the device surface and the flat phantom to 0mm.

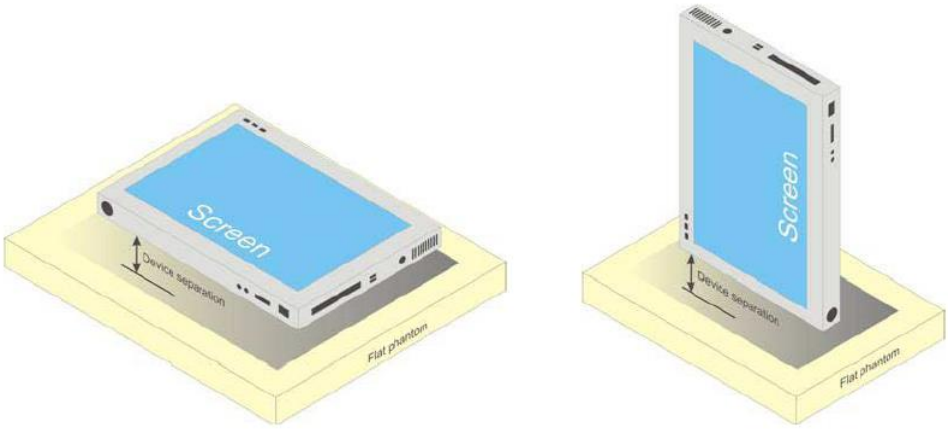
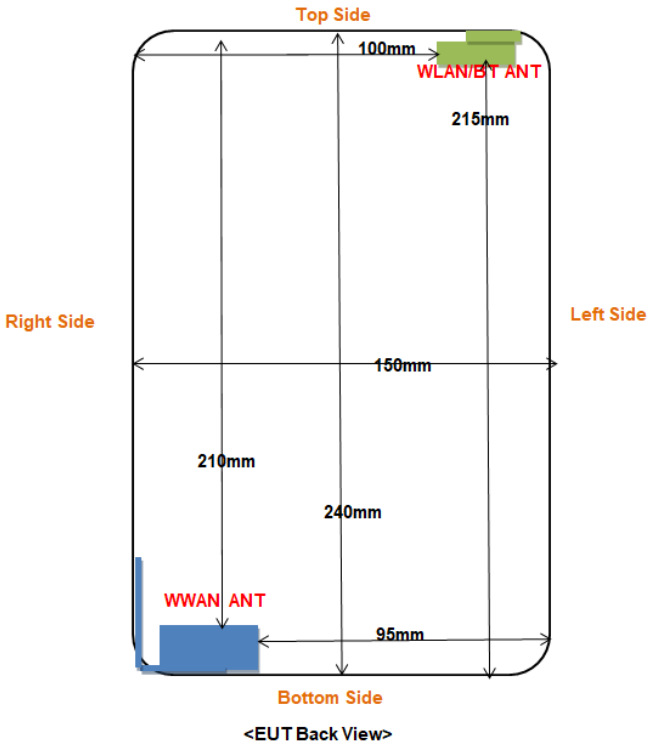


Illustration for Body Position

7.2 EUT Antenna Position



Block Diagram for EUT Antenna Position

Distance of EUT antenna-to-edge/surface(mm), Test distance:0mm						
Antennas	Back side	Front side	Left Edge	Right Edge	Top Edge	Bottom Edge
WWAN	<25	<25	98	<25	210	<25
WLAN	<25	<25	<25	100	<25	215

7.3 EUT Testing Position

Body mode SAR assessments are required for this device. This EUT was tested in different positions for different SAR test modes, more information as below:

Limb SAR tests, Test distance: 0mm						
Antennas	**Front**	**Back**	**Right Side**	**Left Side**	**Top Side**	**Bottom Side**
WWAN	Yes	Yes	Yes	No	No	Yes
WLAN	Yes	Yes	No	Yes	Yes	No

Remark:

1. Referring to KDB 616217 D04 v01r02, KDB 248227 D01 v02r02 and KDB 447498 D01 v06, this device is overall diagonal dimension(>20cm) tablet, tested in direct contact (no gap) with flat phantom.
2. Added difference test: For the EUT, the soft glue on the four sides of the board was replaced, the spring foot on the side was removed, and added difference test data, but only the worst case is recorded in this report.

Please refer to Annex D for the EUT test setup photos.

8. SAR Measurement Procedures

8.1 Measurement Procedures

The measurement procedures are as follows:
(a) Use base station simulator (if applicable) or engineering software to transmit RF power continuously (continuous Tx) in the highest power channel.
(b) Keep EUT to radiate maximum output power or 100% factor (if applicable)
(c) Measure output power through RF cable and power meter.
(d) Place the EUT in the positions as Annex D demonstrates.
(e) Set scan area, grid size and other setting on the SATIMO software.
(f) Measure SAR results for the highest power channel on each testing position.
(g) Find out the largest SAR result on these testing positions of each band
(h) Measure SAR results for other channels in worst SAR testing position if the SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:
(a) Power reference measurement
(b) Area scan
(c) Zoom scan
(d) Power drift measurement

8.2 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The SATIMO software includes all numerical procedures necessary to evaluate the spatial peak SAR value.
The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.
The entire evaluation of the spatial peak values is performed within the post-processing engine. The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:
(a) Extraction of the measured data (grid and values) from the Zoom Scan
(b) Calculation of the SAR value at every measurement point based on all stored data
(c) Generation of a high-resolution mesh within the measured volume
(d) Interpolation of all measured values form the measurement grid to the high-resolution grid
(e) Extrapolation of the entire 3D field distribution to the phantom surface over the distance from sensor to surface
(f) Calculation of the averaged SAR within masses of 1g and 10g

8.3 Area & Zoom Scan Procedures

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan measures 5x5x7 points with step size 8, 8 and 5 mm for 300 MHz to 3 GHz, and 8x8x8 points with step size 4, 4 and 2.5 mm for 3 GHz to 6 GHz. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g.

8.4 Volume Scan Procedures

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency
bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will
be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing (step-size is 4, 4 and 2.5 mm). When all volume scan were completed, the software can combine and subsequently superpose these measurement data to calculating the multiband SAR.

8.5 SAR Averaged Methods

The local SAR inside the phantom is measured using small dipole sensing elements inside a probe body. The probe tip must not be in contact with the phantom surface in order to minimize measurements errors, but the highest local SAR will occur at the surface of the phantom.

An extrapolation is using to determinate this highest local SAR values. The extrapolation is based on a fourth-order least-square polynomial fit of measured data. The local SAR value is then extrapolated from the liquid surface with a 1mm step.

The measurements have to be performed over a limited time (due to the duration of the battery) so the step of measurement is high. It could vary between 5 and 8 mm. To obtain an accurate assessment of the maximum SAR averaged over 10g and 1 g requires a very fine resolution in the three dimensional scanned data array.

8.6 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In SATIMO measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drift more than 5%, the SAR will be retested.

9. SAR Test Result

9.1 Conducted RF Output Power

WCDMA - Average Power (dBm)								
Band	**WCDMA Band II**				**WCDMA Band V**			
Channel	**9262**	**9400**	**9538**	**Tune-up power (dBm)**	**4132**	**4183**	**4233**	**Tune-up power (dBm)**
Frequency (MHz)	**1852.4**	**1880.0**	**1907.6**		**826.4**	**836.6**	**846.6**	
RMC 12.2k	**22.33**	22.13	20.98	22.5	22.67	22.77	**22.78**	23.0
HSDPA Subtest-1	20.92	20.85	20.05	21.0	21.14	21.48	21.66	22.0
HSDPA Subtest-2	20.42	20.42	19.59	21.0	20.65	20.99	21.13	22.0
HSDPA Subtest-3	20.46	20.43	19.61	21.0	20.64	21.01	21.16	22.0
HSDPA Subtest-4	20.48	20.45	19.64	21.0	20.86	21.00	21.17	22.0
HSUPA Subtest-1	21.04	20.83	20.23	21.5	21.04	21.14	21.32	22.0
HSUPA Subtest-2	19.64	19.39	18.85	21.5	19.45	19.73	19.80	21.5
HSUPA Subtest-3	19.33	19.29	18.95	21.5	19.34	19.53	19.58	21.5
HSUPA Subtest-4	19.12	19.03	18.44	21.5	19.04	19.26	19.34	21.5
HSUPA Subtest-5	21.19	21.00	20.24	21.5	21.11	21.28	21.46	21.5

Remark:

1. Per KDB 941225 D01 v03, the 12.2kbps RMC mode was selected for SAR testing (the primary mode).
2. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤1/4 dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.29	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.42	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.49	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.27	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.37	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.25	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.15	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.30	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.18	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.20	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.11	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.27	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.32	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.54	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.68	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.52	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.72	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.45	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.60	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.44	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.40	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.42	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	20.42	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.41	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.39	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.95	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.95	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.07	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.56	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.17	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	20.39	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.27	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.44	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	20.98	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	20.92	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	20.96	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.92	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.16	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.56	PASS

Band2	1.4MHz	QPSK	19193	6RB#0	20.78	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.82	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.38	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.46	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.28	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.52	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.29	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.45	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.34	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.37	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.35	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.37	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.24	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.56	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.29	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.84	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.60	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.81	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.55	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.76	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.46	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.65	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.15	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.55	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.15	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.64	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.97	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.74	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.02	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.45	PASS
Band2	3MHz	QPSK	19185	1RB#0	20.76	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.88	PASS
Band2	3MHz	QPSK	19185	1RB#8	20.96	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.65	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.25	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.44	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.66	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.74	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.62	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.72	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.77	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.84	PASS

Band2	3MHz	QPSK	19185	15RB#0	20.83	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.87	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.58	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.52	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.43	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.42	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.38	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.35	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.42	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.46	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.40	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.46	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.32	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.35	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.33	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.35	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.73	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.60	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.58	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.64	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.40	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.48	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.23	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.58	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.23	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.66	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.04	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.57	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.08	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.66	PASS
Band2	5MHz	QPSK	19175	1RB#0	20.80	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.89	PASS
Band2	5MHz	QPSK	19175	1RB#12	20.70	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.90	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.05	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.67	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.41	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.50	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.37	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.48	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.68	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.80	PASS

Band2	5MHz	QPSK	19175	25RB#0	20.53	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.55	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.63	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.75	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.30	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.54	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.44	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.63	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.40	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.44	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.45	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.46	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.36	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.39	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.36	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.40	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.78	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.70	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.50	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.71	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.31	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.53	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.23	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.56	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.22	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.55	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.14	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.86	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.09	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.63	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.93	PASS
Band2	10MHz	16QAM	19150	1RB#0	20.84	PASS
Band2	10MHz	QPSK	19150	1RB#24	20.39	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.49	PASS
Band2	10MHz	QPSK	19150	1RB#49	20.38	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.51	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.89	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.88	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.88	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.93	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.99	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.15	PASS

Band2	10MHz	QPSK	19150	50RB#0	20.50	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.53	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.65	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.83	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.19	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.44	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.39	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.66	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.36	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.31	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.28	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.26	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.30	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.36	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.29	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.33	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.30	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.18	PASS
Band2	15MHz	QPSK	18900	1RB#38	21.52	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.72	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.08	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.31	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.99	PASS
Band2	15MHz	16QAM	18900	38RB#0	20.98	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.99	PASS
Band2	15MHz	16QAM	18900	38RB#18	20.98	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.98	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.98	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.98	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.99	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.41	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.30	PASS
Band2	15MHz	QPSK	19125	1RB#38	20.98	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.49	PASS
Band2	15MHz	QPSK	19125	1RB#74	20.42	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.62	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.82	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.84	PASS
Band2	15MHz	QPSK	19125	38RB#18	20.80	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.80	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.86	PASS
Band2	15MHz	16QAM	19125	38RB#37	20.86	PASS

Band2	15MHz	QPSK	19125	75RB#0	20.79	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.85	PASS
Band2	20MHz	QPSK	18700	1RB#0	**22.75**	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.77	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.31	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.31	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.85	PASS
Band2	20MHz	16QAM	18700	1RB#99	20.78	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.44	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.45	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.43	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.45	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.20	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.56	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.34	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.33	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.37	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.56	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.63	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.83	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.23	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.42	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.12	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.75	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.13	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.85	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.88	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.66	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.32	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.24	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.80	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.83	PASS
Band2	20MHz	QPSK	19100	1RB#99	20.61	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.56	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.80	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.88	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.73	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.82	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.93	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.84	PASS

Band2	20MHz	QPSK	19100	100RB#0	21.05	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.83	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.94	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.08	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.05	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.83	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.97	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.91	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.93	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.88	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.97	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.87	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.81	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.82	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.92	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.57	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.75	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.70	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.60	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.77	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.55	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.50	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.55	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.51	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.64	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.54	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.64	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.04	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.17	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.02	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.20	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.10	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.99	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.90	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.99	PASS

Band4	1.4MHz	16QAM	20393	3RB#1	21.94	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.96	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.94	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.96	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.89	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.93	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.16	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.89	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.04	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.88	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.98	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.99	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.98	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.96	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.02	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.70	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.89	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.74	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.92	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.64	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.79	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.66	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.75	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.68	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.76	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.65	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.72	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.74	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.78	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.08	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.17	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.05	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.25	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.08	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.13	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.01	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.01	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.04	PASS

Band4	3MHz	16QAM	20385	8RB#4	21.03	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.01	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.02	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.91	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.90	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.25	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.18	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.10	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.07	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.10	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.10	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.09	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.07	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.10	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.07	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.07	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.04	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.07	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.03	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.01	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.93	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.82	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.84	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.76	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.73	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.78	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.79	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.73	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.76	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.72	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.74	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.76	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.81	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.19	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.42	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.12	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.25	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.14	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.22	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.12	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.19	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.11	PASS

Band4	5MHz	16QAM	20375	12RB#6	21.16	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.07	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.13	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.04	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.03	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.27	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.42	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.96	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.12	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.04	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.60	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.02	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.97	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.03	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.10	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.15	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.06	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.08	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.35	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.70	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.93	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.16	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.33	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.82	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.80	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.80	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.81	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.76	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.83	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.84	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.82	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.23	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.97	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.08	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.25	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.64	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.97	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.01	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.99	PASS

Band4	10MHz	16QAM	20350	25RB#12	21.03	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.14	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.20	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.10	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.06	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.94	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.12	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.87	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.08	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.73	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.02	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.90	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.88	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.88	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.87	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.87	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.88	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.72	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.93	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.07	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.66	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.86	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.66	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.85	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.70	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.70	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.70	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.70	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.70	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.71	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.71	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.73	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.04	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.22	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.89	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.09	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.87	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.17	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.08	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.98	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.99	PASS

Band4	15MHz	16QAM	20325	38RB#18	22.07	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.06	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.04	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.04	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.99	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.82	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.79	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.82	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.61	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.64	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.80	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.78	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.82	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.78	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.56	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.61	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.76	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.73	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.89	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.93	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.79	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.83	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.84	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.88	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.83	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.77	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.79	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.78	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.62	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.65	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.74	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.76	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.89	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.87	PASS
Band4	20MHz	QPSK	20300	1RB#49	**23.44**	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.02	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.60	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.18	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.83	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.86	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.84	PASS

Band4	20MHz	16QAM	20300	50RB#25	20.86	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.95	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.04	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.96	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.93	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.40	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.23	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.49	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.19	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.28	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.24	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.14	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.18	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.09	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.23	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.06	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.03	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.83	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.98	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.88	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.85	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.87	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.85	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.90	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.81	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.83	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.99	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.04	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.94	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.22	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.94	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.11	PASS

Band5	1.4MHz	QPSK	20643	3RB#0	21.94	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.78	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.92	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.84	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.73	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.90	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.90	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.34	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.47	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.29	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.59	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.27	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.47	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.33	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.98	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.28	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.30	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.29	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.26	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.26	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.14	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.94	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.18	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.88	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.06	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.01	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.97	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.98	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.87	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.94	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.96	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.89	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.94	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.14	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.01	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.16	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.98	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.22	PASS

Band5	3MHz	QPSK	20635	8RB#0	20.98	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.98	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.97	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.90	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.96	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.90	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.96	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.39	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.29	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.42	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.35	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.29	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.28	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.27	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.86	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.28	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.21	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.18	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.17	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.26	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.85	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.18	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.13	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.03	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.05	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.89	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.96	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.97	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.96	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.97	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.01	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.99	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.86	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.93	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.15	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.48	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.11	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.35	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.03	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.27	PASS

Band5	5MHz	QPSK	20625	12RB#0	21.06	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.12	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.03	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.18	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.89	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.99	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.98	PASS
Band5	10MHz	QPSK	20450	1RB#0	**22.47**	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.75	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.16	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.39	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.37	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.57	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.27	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.22	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.28	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.29	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.21	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.19	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.20	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.20	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.15	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.43	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.85	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.10	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.13	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.34	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.13	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.04	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.09	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.09	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.02	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.98	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.19	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.60	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.04	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.30	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.66	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.31	PASS

Band5	10MHz	QPSK	20600	25RB#0	21.13	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.16	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.23	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.18	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.18	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.16	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.20	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.26	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.06	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.03	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.97	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.98	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.89	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.95	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.96	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.99	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.01	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.95	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.93	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.94	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.88	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.91	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.25	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.46	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.08	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.01	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.21	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.94	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.02	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.98	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.09	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.91	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.02	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.95	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.98	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.02	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.05	PASS

Band7	5MHz	QPSK	21425	1RB#12	22.89	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.99	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.88	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.11	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.97	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.02	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.98	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.87	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.95	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.93	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.01	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.04	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.39	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.83	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.06	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.04	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.31	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.98	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.96	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.95	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.93	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.95	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.94	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.91	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.90	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.29	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.53	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.92	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.13	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.04	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.24	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.06	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.12	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.04	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.12	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.93	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.94	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.98	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.95	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.18	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.09	PASS

Band7	10MHz	QPSK	21400	1RB#24	22.76	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.78	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.89	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.85	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.93	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.94	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.92	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.98	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.87	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.95	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.97	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.97	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.26	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.06	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.32	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.14	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.42	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.12	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.11	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.11	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.11	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.11	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.11	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.12	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.11	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.24	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.54	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.04	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.41	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.97	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.38	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.18	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.18	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.19	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.19	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.19	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.19	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.19	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.18	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.14	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.93	PASS

Band7	15MHz	QPSK	21375	1RB#38	22.85	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.76	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.80	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.67	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.86	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.92	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.92	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.92	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.93	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.92	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.92	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.92	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.19	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.24	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.06	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.16	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.19	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.22	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.01	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.03	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.06	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.03	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.15	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.14	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.12	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.08	PASS
Band7	20MHz	QPSK	21100	1RB#0	**23.42**	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.67	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.10	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.38	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.07	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.34	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.21	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.20	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.15	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.20	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.10	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.13	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.17	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.14	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.18	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.28	PASS

Band7	20MHz	QPSK	21350	1RB#49	22.99	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.03	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.84	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.95	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.05	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.06	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.92	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.01	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.95	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.96	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.45	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.55	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.43	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.61	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.42	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.46	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.40	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.30	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.39	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.28	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.33	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.28	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.36	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.31	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.45	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.69	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.54	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.40	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.33	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.45	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.42	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.33	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.44	PASS

Band12	1.4MHz	16QAM	23095	6RB#0	20.30	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.47	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.76	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.41	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.53	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.35	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.54	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.48	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.63	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.36	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.45	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.53	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.42	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.60	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.51	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.70	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.44	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.54	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.48	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.51	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.44	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.53	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.49	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.61	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.42	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.48	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.45	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.55	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.47	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.66	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.58	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.64	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.50	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.50	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.48	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.51	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.43	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.48	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.53	PASS

Band12	3MHz	16QAM	23095	15RB#0	20.46	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.58	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.78	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.59	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.60	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.44	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.68	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.74	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.70	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.75	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.61	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.65	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.63	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.58	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.52	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.53	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.58	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.59	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.45	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.46	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.44	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.45	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.39	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.45	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.47	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.50	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.58	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.70	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.57	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.76	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.61	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.82	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.48	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.52	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.43	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.47	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.50	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.60	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.49	PASS

Band12	5MHz	16QAM	23095	25RB#0	20.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.78	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.80	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.69	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.66	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.66	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.72	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.64	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.73	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.66	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.72	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.71	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.69	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.69	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.59	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.76	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.44	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.63	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.94	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.46	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.47	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.46	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.48	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.58	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.55	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.60	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.57	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.57	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.74	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.54	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.69	PASS
Band12	10MHz	QPSK	23095	1RB#49	**22.87**	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.97	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.51	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.52	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.50	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.52	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.63	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.71	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.58	PASS

Band12	10MHz	16QAM	23095	50RB#0	20.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.75	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.61	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.66	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.59	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.65	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.81	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.56	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.64	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.61	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.65	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.80	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.81	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.72	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.68	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.39	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.28	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.34	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.48	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.53	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.58	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.63	PASS
Band13	5MHz	16QAM	23205	12RB#0	20.44	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.47	PASS
Band13	5MHz	16QAM	23205	12RB#6	20.44	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.46	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.53	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.44	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.56	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.52	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.62	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.64	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.73	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.63	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.62	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.48	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.52	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.39	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.46	PASS

Band13	5MHz	QPSK	23230	12RB#13	21.61	PASS
Band13	5MHz	16QAM	23230	12RB#13	20.62	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.52	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.61	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.48	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.72	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.53	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.66	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.43	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.66	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.49	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.60	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.58	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.60	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.40	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.53	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.54	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.55	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.34	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.41	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.42	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.66	PASS
Band13	10MHz	QPSK	23230	1RB#49	**22.63**	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.90	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.49	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.48	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.42	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.49	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.70	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.62	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.62	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.68	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.56	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.48	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.59	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.56	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.49	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.52	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.47	PASS

Band17	5MHz	16QAM	23755	12RB#0	20.54	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.48	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.53	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.45	PASS
Band17	5MHz	16QAM	23755	12RB#13	20.46	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.50	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.48	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.67	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.85	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.66	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.78	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.72	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.89	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.53	PASS
Band17	5MHz	16QAM	23790	12RB#0	20.56	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.51	PASS
Band17	5MHz	16QAM	23790	12RB#6	20.56	PASS
Band17	5MHz	QPSK	23790	12RB#13	21.62	PASS
Band17	5MHz	16QAM	23790	12RB#13	20.67	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.49	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.44	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.75	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.73	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.82	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.83	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.72	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.70	PASS
Band17	5MHz	QPSK	23825	12RB#0	21.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	20.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.73	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.81	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.63	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.67	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.71	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.79	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.61	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.76	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.37	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.61	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.89	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.98	PASS
Band17	10MHz	QPSK	23780	25RB#0	21.52	PASS

Band17	10MHz	16QAM	23780	25RB#0	20.54	PASS
Band17	10MHz	QPSK	23780	25RB#12	21.53	PASS
Band17	10MHz	16QAM	23780	25RB#12	20.52	PASS
Band17	10MHz	QPSK	23780	25RB#25	21.70	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.73	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.61	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.51	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.57	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.79	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.51	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.69	PASS
Band17	10MHz	QPSK	23790	1RB#49	**23.01**	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.10	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.54	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.56	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.52	PASS
Band17	10MHz	16QAM	23790	25RB#12	20.55	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.74	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.75	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.62	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.59	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.71	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.52	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.63	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.50	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.85	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.88	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.48	PASS
Band17	10MHz	16QAM	23800	25RB#0	20.51	PASS
Band17	10MHz	QPSK	23800	25RB#12	21.49	PASS
Band17	10MHz	16QAM	23800	25RB#12	20.51	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.70	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.70	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.64	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.58	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	22.33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.43	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.41	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.62	PASS

Band25	1.4MHz	QPSK	26047	1RB#5	22.30	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.36	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	22.31	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	21.21	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	22.33	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	21.22	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	22.20	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	21.22	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.26	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.41	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.23	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.30	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.20	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.38	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.18	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.19	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	22.19	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	21.11	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	22.19	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	21.12	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	22.14	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	21.07	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.19	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.56	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22.12	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.13	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	22.15	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.51	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.16	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.17	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	22.19	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	21.23	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	22.03	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	21.12	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	22.12	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	21.12	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.12	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.95	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.19	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.60	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.36	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.64	PASS

Band25	3MHz	QPSK	26055	1RB#14	22.24	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.36	PASS
Band25	3MHz	QPSK	26055	8RB#0	21.36	PASS
Band25	3MHz	16QAM	26055	8RB#0	20.39	PASS
Band25	3MHz	QPSK	26055	8RB#4	21.38	PASS
Band25	3MHz	16QAM	26055	8RB#4	20.40	PASS
Band25	3MHz	QPSK	26055	8RB#7	21.28	PASS
Band25	3MHz	16QAM	26055	8RB#7	20.36	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.34	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.39	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.06	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.29	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.12	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.25	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.03	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.16	PASS
Band25	3MHz	QPSK	26365	8RB#0	21.21	PASS
Band25	3MHz	16QAM	26365	8RB#0	21.29	PASS
Band25	3MHz	QPSK	26365	8RB#4	21.24	PASS
Band25	3MHz	16QAM	26365	8RB#4	20.32	PASS
Band25	3MHz	QPSK	26365	8RB#7	21.15	PASS
Band25	3MHz	16QAM	26365	8RB#7	21.26	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.20	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.23	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.26	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.24	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.08	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.34	PASS
Band25	3MHz	QPSK	26675	1RB#14	21.81	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.37	PASS
Band25	3MHz	QPSK	26675	8RB#0	21.11	PASS
Band25	3MHz	16QAM	26675	8RB#0	21.14	PASS
Band25	3MHz	QPSK	26675	8RB#4	21.14	PASS
Band25	3MHz	16QAM	26675	8RB#4	21.15	PASS
Band25	3MHz	QPSK	26675	8RB#7	21.21	PASS
Band25	3MHz	16QAM	26675	8RB#7	21.17	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.06	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.18	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.53	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.53	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.31	PASS
Band25	5MHz	16QAM	26065	1RB#12	21.35	PASS

Band25	5MHz	QPSK	26065	1RB#24	22.39	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.47	PASS
Band25	5MHz	QPSK	26065	12RB#0	21.45	PASS
Band25	5MHz	16QAM	26065	12RB#0	20.46	PASS
Band25	5MHz	QPSK	26065	12RB#6	21.48	PASS
Band25	5MHz	16QAM	26065	12RB#6	20.43	PASS
Band25	5MHz	QPSK	26065	12RB#13	21.32	PASS
Band25	5MHz	16QAM	26065	12RB#13	20.35	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.37	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.39	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.34	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.35	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.35	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.30	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.19	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.16	PASS
Band25	5MHz	QPSK	26365	12RB#0	21.21	PASS
Band25	5MHz	16QAM	26365	12RB#0	21.25	PASS
Band25	5MHz	QPSK	26365	12RB#6	21.22	PASS
Band25	5MHz	16QAM	26365	12RB#6	21.27	PASS
Band25	5MHz	QPSK	26365	12RB#13	21.15	PASS
Band25	5MHz	16QAM	26365	12RB#13	21.18	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.25	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.25	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.33	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.36	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.38	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.38	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.39	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.31	PASS
Band25	5MHz	QPSK	26665	12RB#0	21.27	PASS
Band25	5MHz	16QAM	26665	12RB#0	21.26	PASS
Band25	5MHz	QPSK	26665	12RB#6	21.18	PASS
Band25	5MHz	16QAM	26665	12RB#6	21.24	PASS
Band25	5MHz	QPSK	26665	12RB#13	21.19	PASS
Band25	5MHz	16QAM	26665	12RB#13	21.19	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.22	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.20	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.82	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.95	PASS
Band25	10MHz	QPSK	26090	1RB#24	22.47	PASS
Band25	10MHz	16QAM	26090	1RB#24	21.48	PASS

Band25	10MHz	QPSK	26090	1RB#49	22.58	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.75	PASS
Band25	10MHz	QPSK	26090	25RB#0	21.51	PASS
Band25	10MHz	16QAM	26090	25RB#0	20.50	PASS
Band25	10MHz	QPSK	26090	25RB#12	21.51	PASS
Band25	10MHz	16QAM	26090	25RB#12	20.51	PASS
Band25	10MHz	QPSK	26090	25RB#25	21.43	PASS
Band25	10MHz	16QAM	26090	25RB#25	20.41	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.50	PASS
Band25	10MHz	16QAM	26090	50RB#0	20.52	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.63	PASS
Band25	10MHz	16QAM	26365	1RB#0	21.78	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.24	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.34	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.54	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.66	PASS
Band25	10MHz	QPSK	26365	25RB#0	21.41	PASS
Band25	10MHz	16QAM	26365	25RB#0	20.36	PASS
Band25	10MHz	QPSK	26365	25RB#12	21.38	PASS
Band25	10MHz	16QAM	26365	25RB#12	20.39	PASS
Band25	10MHz	QPSK	26365	25RB#25	21.29	PASS
Band25	10MHz	16QAM	26365	25RB#25	21.29	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.33	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.35	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.12	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.68	PASS
Band25	10MHz	QPSK	26640	1RB#24	21.99	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.22	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.44	PASS
Band25	10MHz	16QAM	26640	1RB#49	21.91	PASS
Band25	10MHz	QPSK	26640	25RB#0	21.24	PASS
Band25	10MHz	16QAM	26640	25RB#0	21.22	PASS
Band25	10MHz	QPSK	26640	25RB#12	21.20	PASS
Band25	10MHz	16QAM	26640	25RB#12	21.21	PASS
Band25	10MHz	QPSK	26640	25RB#25	21.25	PASS
Band25	10MHz	16QAM	26640	25RB#25	21.29	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.29	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.14	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.16	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.47	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.50	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.77	PASS

Band25	15MHz	QPSK	26115	1RB#74	22.52	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.80	PASS
Band25	15MHz	QPSK	26115	38RB#0	21.66	PASS
Band25	15MHz	16QAM	26115	38RB#0	21.68	PASS
Band25	15MHz	QPSK	26115	38RB#18	21.71	PASS
Band25	15MHz	16QAM	26115	38RB#18	21.70	PASS
Band25	15MHz	QPSK	26115	38RB#37	21.66	PASS
Band25	15MHz	16QAM	26115	38RB#37	21.65	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.65	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.61	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.71	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.06	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.25	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.41	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.51	PASS
Band25	15MHz	16QAM	26365	1RB#74	21.52	PASS
Band25	15MHz	QPSK	26365	38RB#0	21.50	PASS
Band25	15MHz	16QAM	26365	38RB#0	21.47	PASS
Band25	15MHz	QPSK	26365	38RB#18	21.49	PASS
Band25	15MHz	16QAM	26365	38RB#18	21.50	PASS
Band25	15MHz	QPSK	26365	38RB#37	21.51	PASS
Band25	15MHz	16QAM	26365	38RB#37	21.51	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.51	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.43	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.39	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.71	PASS
Band25	15MHz	QPSK	26615	1RB#38	21.82	PASS
Band25	15MHz	16QAM	26615	1RB#38	20.97	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.15	PASS
Band25	15MHz	16QAM	26615	1RB#74	21.25	PASS
Band25	15MHz	QPSK	26615	38RB#0	21.16	PASS
Band25	15MHz	16QAM	26615	38RB#0	21.15	PASS
Band25	15MHz	QPSK	26615	38RB#18	21.19	PASS
Band25	15MHz	16QAM	26615	38RB#18	21.17	PASS
Band25	15MHz	QPSK	26615	38RB#37	21.17	PASS
Band25	15MHz	16QAM	26615	38RB#37	21.17	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.17	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.10	PASS
Band25	20MHz	QPSK	26140	1RB#0	**23.79**	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.82	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.73	PASS
Band25	20MHz	16QAM	26140	1RB#49	21.76	PASS

Band25	20MHz	QPSK	26140	1RB#99	23.29	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.38	PASS
Band25	20MHz	QPSK	26140	50RB#0	21.92	PASS
Band25	20MHz	16QAM	26140	50RB#0	20.79	PASS
Band25	20MHz	QPSK	26140	50RB#25	21.90	PASS
Band25	20MHz	16QAM	26140	50RB#25	20.81	PASS
Band25	20MHz	QPSK	26140	50RB#50	21.77	PASS
Band25	20MHz	16QAM	26140	50RB#50	20.80	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.86	PASS
Band25	20MHz	16QAM	26140	100RB#0	20.81	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.17	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.49	PASS
Band25	20MHz	QPSK	26365	1RB#49	22.52	PASS
Band25	20MHz	16QAM	26365	1RB#49	21.58	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.58	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.36	PASS
Band25	20MHz	QPSK	26365	50RB#0	21.62	PASS
Band25	20MHz	16QAM	26365	50RB#0	20.75	PASS
Band25	20MHz	QPSK	26365	50RB#25	21.71	PASS
Band25	20MHz	16QAM	26365	50RB#25	20.73	PASS
Band25	20MHz	QPSK	26365	50RB#50	21.67	PASS
Band25	20MHz	16QAM	26365	50RB#50	20.65	PASS
Band25	20MHz	QPSK	26365	100RB#0	21.65	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.73	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.01	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.17	PASS
Band25	20MHz	QPSK	26590	1RB#49	21.92	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.03	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.86	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.22	PASS
Band25	20MHz	QPSK	26590	50RB#0	21.31	PASS
Band25	20MHz	16QAM	26590	50RB#0	20.32	PASS
Band25	20MHz	QPSK	26590	50RB#25	21.18	PASS
Band25	20MHz	16QAM	26590	50RB#25	21.19	PASS
Band25	20MHz	QPSK	26590	50RB#50	21.28	PASS
Band25	20MHz	16QAM	26590	50RB#50	21.28	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.33	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.51	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.39	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.89	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.46	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.83	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.21	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.94	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.89	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.90	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.01	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.02	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.97	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.99	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.03	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.18	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.78	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.06	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.64	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.04	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.58	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.24	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.29	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.21	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.28	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.20	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.18	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.20	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.15	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.41	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.89	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.32	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.75	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.22	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.67	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.36	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.32	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.33	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.38	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.23	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.27	PASS

Band38	5MHz	QPSK	38225	25RB#0	22.31	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.31	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.35	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.68	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.90	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.24	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.31	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.68	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.06	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.18	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.17	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.18	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.06	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.09	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.02	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.98	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.62	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.37	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.27	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.23	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.48	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.53	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.28	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.32	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.29	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.30	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.41	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.40	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.42	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.37	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.56	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.98	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.10	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.38	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.43	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.75	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.26	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.28	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.27	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.29	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.24	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.25	PASS

Band38	10MHz	QPSK	38200	50RB#0	22.20	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.26	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.44	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.71	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.93	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.32	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.31	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.64	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.05	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.02	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.04	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.03	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.05	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.02	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.03	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.01	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.31	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.70	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.18	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.18	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.58	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.53	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.19	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.17	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.22	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.22	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.22	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.09	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.14	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.24	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.39	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.79	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.12	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.46	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.45	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.69	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.07	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.08	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.08	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.07	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.07	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.07	PASS

Band38	15MHz	QPSK	38175	75RB#0	22.07	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.14	PASS
Band38	20MHz	QPSK	37850	1RB#0	**23.71**	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.54	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.10	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.26	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.49	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.67	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.03	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.13	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.04	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.08	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.15	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.22	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.18	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.13	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.33	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.89	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.06	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.61	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.38	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.02	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.99	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.09	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.15	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.13	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.07	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.14	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.37	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.45	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.06	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.27	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.43	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.57	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.08	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.07	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.10	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.09	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.17	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.23	PASS

Band38	20MHz	QPSK	38150	100RB#0	22.15	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.10	PASS

Band40(2305-2315MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	23.30	PASS
Band40	5MHz	16QAM	38725	1RB#0	22.40	PASS
Band40	5MHz	QPSK	38725	1RB#12	23.24	PASS
Band40	5MHz	16QAM	38725	1RB#12	22.31	PASS
Band40	5MHz	QPSK	38725	1RB#24	23.10	PASS
Band40	5MHz	16QAM	38725	1RB#24	22.44	PASS
Band40	5MHz	QPSK	38725	12RB#0	22.07	PASS
Band40	5MHz	16QAM	38725	12RB#0	21.05	PASS
Band40	5MHz	QPSK	38725	12RB#6	22.16	PASS
Band40	5MHz	16QAM	38725	12RB#6	21.04	PASS
Band40	5MHz	QPSK	38725	12RB#13	22.01	PASS
Band40	5MHz	16QAM	38725	12RB#13	20.92	PASS
Band40	5MHz	QPSK	38725	25RB#0	22.06	PASS
Band40	5MHz	16QAM	38725	25RB#0	21.05	PASS
Band40	5MHz	QPSK	38750	1RB#0	23.13	PASS
Band40	5MHz	16QAM	38750	1RB#0	22.48	PASS
Band40	5MHz	QPSK	38750	1RB#12	23.02	PASS
Band40	5MHz	16QAM	38750	1RB#12	22.41	PASS
Band40	5MHz	QPSK	38750	1RB#24	23.02	PASS
Band40	5MHz	16QAM	38750	1RB#24	22.49	PASS
Band40	5MHz	QPSK	38750	12RB#0	21.99	PASS
Band40	5MHz	16QAM	38750	12RB#0	21.04	PASS
Band40	5MHz	QPSK	38750	12RB#6	22.05	PASS
Band40	5MHz	16QAM	38750	12RB#6	21.03	PASS
Band40	5MHz	QPSK	38750	12RB#13	21.94	PASS
Band40	5MHz	16QAM	38750	12RB#13	21.00	PASS
Band40	5MHz	QPSK	38750	25RB#0	22.07	PASS
Band40	5MHz	16QAM	38750	25RB#0	21.03	PASS
Band40	5MHz	QPSK	38775	1RB#0	23.29	PASS
Band40	5MHz	16QAM	38775	1RB#0	22.19	PASS
Band40	5MHz	QPSK	38775	1RB#12	23.08	PASS
Band40	5MHz	16QAM	38775	1RB#12	22.12	PASS
Band40	5MHz	QPSK	38775	1RB#24	23.21	PASS
Band40	5MHz	16QAM	38775	1RB#24	22.04	PASS
Band40	5MHz	QPSK	38775	12RB#0	22.11	PASS
Band40	5MHz	16QAM	38775	12RB#0	21.07	PASS

Band40	5MHz	QPSK	38775	12RB#6	22.07	PASS
Band40	5MHz	16QAM	38775	12RB#6	21.05	PASS
Band40	5MHz	QPSK	38775	12RB#13	22.06	PASS
Band40	5MHz	16QAM	38775	12RB#13	20.99	PASS
Band40	5MHz	QPSK	38775	25RB#0	21.98	PASS
Band40	5MHz	16QAM	38775	25RB#0	20.95	PASS
Band40	10MHz	QPSK	38750	1RB#0	**23.31**	PASS
Band40	10MHz	16QAM	38750	1RB#0	22.57	PASS
Band40	10MHz	QPSK	38750	1RB#24	23.13	PASS
Band40	10MHz	16QAM	38750	1RB#24	22.23	PASS
Band40	10MHz	QPSK	38750	1RB#49	23.13	PASS
Band40	10MHz	16QAM	38750	1RB#49	22.20	PASS
Band40	10MHz	QPSK	38750	25RB#0	22.03	PASS
Band40	10MHz	16QAM	38750	25RB#0	21.23	PASS
Band40	10MHz	QPSK	38750	25RB#12	22.16	PASS
Band40	10MHz	16QAM	38750	25RB#12	21.24	PASS
Band40	10MHz	QPSK	38750	25RB#25	22.11	PASS
Band40	10MHz	16QAM	38750	25RB#25	21.19	PASS
Band40	10MHz	QPSK	38750	50RB#0	22.09	PASS
Band40	10MHz	16QAM	38750	50RB#0	21.10	PASS

Band40(2350-2360MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	39175	1RB#0	23.05	PASS
Band40	5MHz	QPSK	39175	1RB#12	23.01	PASS
Band40	5MHz	QPSK	39175	1RB#24	22.99	PASS
Band40	5MHz	QPSK	39175	12RB#0	22.07	PASS
Band40	5MHz	QPSK	39175	12RB#6	22.10	PASS
Band40	5MHz	QPSK	39175	12RB#13	22.01	PASS
Band40	5MHz	QPSK	39175	25RB#0	22.08	PASS
Band40	5MHz	QPSK	39200	1RB#0	23.20	PASS
Band40	5MHz	QPSK	39200	1RB#12	23.02	PASS
Band40	5MHz	QPSK	39200	1RB#24	22.92	PASS
Band40	5MHz	QPSK	39200	12RB#0	22.15	PASS
Band40	5MHz	QPSK	39200	12RB#6	22.04	PASS
Band40	5MHz	QPSK	39200	12RB#13	21.99	PASS
Band40	5MHz	QPSK	39200	25RB#0	22.02	PASS
Band40	5MHz	QPSK	39225	1RB#0	22.98	PASS
Band40	5MHz	QPSK	39225	1RB#12	22.88	PASS

Band40	5MHz	QPSK	39225	1RB#24	22.86	PASS
Band40	5MHz	QPSK	39225	12RB#0	22.08	PASS
Band40	5MHz	QPSK	39225	12RB#6	21.95	PASS
Band40	5MHz	QPSK	39225	12RB#13	22.04	PASS
Band40	5MHz	QPSK	39225	25RB#0	22.01	PASS
Band40	5MHz	16QAM	39175	1RB#0	22.32	PASS
Band40	5MHz	16QAM	39175	1RB#12	22.36	PASS
Band40	5MHz	16QAM	39175	1RB#24	22.31	PASS
Band40	5MHz	16QAM	39175	12RB#0	21.00	PASS
Band40	5MHz	16QAM	39175	12RB#6	21.05	PASS
Band40	5MHz	16QAM	39175	12RB#13	20.92	PASS
Band40	5MHz	16QAM	39175	25RB#0	21.00	PASS
Band40	5MHz	16QAM	39200	1RB#0	22.40	PASS
Band40	5MHz	16QAM	39200	1RB#12	22.27	PASS
Band40	5MHz	16QAM	39200	1RB#24	22.36	PASS
Band40	5MHz	16QAM	39200	12RB#0	20.98	PASS
Band40	5MHz	16QAM	39200	12RB#6	20.99	PASS
Band40	5MHz	16QAM	39200	12RB#13	20.85	PASS
Band40	5MHz	16QAM	39200	25RB#0	20.97	PASS
Band40	5MHz	16QAM	39225	1RB#0	22.41	PASS
Band40	5MHz	16QAM	39225	1RB#12	22.39	PASS
Band40	5MHz	16QAM	39225	1RB#24	22.29	PASS
Band40	5MHz	16QAM	39225	12RB#0	21.03	PASS
Band40	5MHz	16QAM	39225	12RB#6	21.04	PASS
Band40	5MHz	16QAM	39225	12RB#13	20.92	PASS
Band40	5MHz	16QAM	39225	25RB#0	20.98	PASS
Band40	10MHz	QPSK	39200	1RB#0	**23.32**	PASS
Band40	10MHz	QPSK	39200	1RB#24	23.07	PASS
Band40	10MHz	QPSK	39200	1RB#49	23.06	PASS
Band40	10MHz	QPSK	39200	25RB#0	22.19	PASS
Band40	10MHz	QPSK	39200	25RB#12	22.12	PASS
Band40	10MHz	QPSK	39200	25RB#25	22.03	PASS
Band40	10MHz	QPSK	39200	50RB#0	22.05	PASS
Band40	10MHz	16QAM	39200	1RB#0	22.53	PASS
Band40	10MHz	16QAM	39200	1RB#24	22.19	PASS
Band40	10MHz	16QAM	39200	1RB#49	22.31	PASS
Band40	10MHz	16QAM	39200	25RB#0	21.22	PASS

Band40	10MHz	16QAM	39200	25RB#12	21.23	PASS
Band40	10MHz	16QAM	39200	25RB#25	21.16	PASS
Band40	10MHz	16QAM	39200	50RB#0	21.03	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.38	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.88	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.49	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.68	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.36	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.74	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.47	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.38	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.47	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.43	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.44	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.38	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.46	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.48	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.50	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.84	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.29	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.85	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.33	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.86	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.52	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.58	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.67	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.57	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.53	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.58	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.58	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.55	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.44	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.64	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.41	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.69	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.33	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.62	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.38	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.50	PASS

Band41	5MHz	QPSK	41565	12RB#6	21.39	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.32	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.32	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.42	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.38	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.44	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.48	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.67	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.39	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.61	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.34	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.58	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.48	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.54	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.44	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.55	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.48	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.56	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.45	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.53	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.56	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.44	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.43	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.27	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.40	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.18	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.56	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.58	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.48	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.59	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.53	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.59	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.54	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.61	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.35	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.53	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.25	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.47	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.30	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.52	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.34	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.59	PASS

Band41	10MHz	QPSK	41540	25RB#12	21.44	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.50	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.35	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.45	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.34	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.38	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.05	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.27	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.22	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.41	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.70	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.97	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.41	PASS
Band41	15MHz	16QAM	39725	38RB#0	21.42	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.39	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.33	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.32	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.38	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.45	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.47	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.28	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.18	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.56	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.39	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.01	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.83	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.58	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.55	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.55	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.53	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.55	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.53	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.56	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.60	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.01	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.14	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.27	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.42	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.63	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.94	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.36	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.35	PASS

Band41	15MHz	QPSK	41515	38RB#18	21.34	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.41	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.34	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.44	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.46	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.52	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.40	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.42	PASS
Band41	20MHz	QPSK	39750	1RB#49	**22.59**	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.34	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.94	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.93	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.39	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.39	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.33	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.42	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.38	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.27	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.39	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.37	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.42	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.99	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.47	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.03	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.88	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.57	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.50	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.60	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.45	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.63	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.42	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.34	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.48	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.45	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.44	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.40	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.26	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.19	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.78	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.77	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.07	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.21	PASS

Band41	20MHz	QPSK	41490	50RB#25	21.16	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.23	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.11	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.09	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.24	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.16	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.31	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.44	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.29	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.51	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.39	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.37	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.27	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.32	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.32	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.31	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.19	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.27	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.14	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.41	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.46	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.51	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.70	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.40	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.57	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.32	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.33	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.35	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.20	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.40	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.31	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.44	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.47	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.36	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.54	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.42	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.61	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.24	PASS

Band66	1.4MHz	16QAM	132665	1RB#5	22.41	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.37	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.37	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.52	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.51	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.46	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.38	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.44	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.46	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.26	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.41	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.23	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.39	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.23	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.32	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.33	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.44	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.37	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.44	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.30	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.33	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.41	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.44	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.33	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.46	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.41	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.60	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.36	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.52	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.35	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.49	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.41	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.41	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.48	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.50	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.46	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.53	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.37	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.61	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.45	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.53	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.29	PASS

Band66	3MHz	16QAM	132657	1RB#14	22.49	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.50	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.58	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.50	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.58	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.48	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.50	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.48	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.57	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.52	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.47	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.44	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.50	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.47	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.37	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.45	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.46	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.45	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.45	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.37	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.42	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.41	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.55	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.47	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.50	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.56	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.47	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.57	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.37	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.46	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.41	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.47	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.51	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.48	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.50	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.50	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.75	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.69	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.51	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.52	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.46	PASS

Band66	5MHz	16QAM	132647	1RB#24	22.47	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.67	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.60	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.64	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.59	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.44	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.51	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.49	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.57	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.78	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.91	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.28	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.39	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.59	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.91	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.39	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.35	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.39	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.37	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.46	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.51	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.48	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.46	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.75	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.91	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.41	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.57	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.60	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.05	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.32	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.30	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.30	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.32	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.59	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.62	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.53	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.48	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.88	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.08	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.39	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.52	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.11	PASS

Band66	10MHz	16QAM	132622	1RB#49	22.77	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.41	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.37	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.37	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.39	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.54	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.57	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.57	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.51	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.56	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.67	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.18	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.45	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.31	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.44	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.30	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.32	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.31	PASS
Band66	15MHz	16QAM	132047	38RB#18	22.33	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.33	PASS
Band66	15MHz	16QAM	132047	38RB#37	22.33	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.33	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.26	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.37	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.60	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.25	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.39	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.39	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.58	PASS
Band66	15MHz	QPSK	132322	38RB#0	22.32	PASS
Band66	15MHz	16QAM	132322	38RB#0	22.35	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.28	PASS
Band66	15MHz	16QAM	132322	38RB#18	22.36	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.34	PASS
Band66	15MHz	16QAM	132322	38RB#37	22.26	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.37	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.34	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.64	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.86	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.15	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.33	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.21	PASS

Band66	15MHz	16QAM	132597	1RB#74	22.49	PASS
Band66	15MHz	QPSK	132597	38RB#0	22.32	PASS
Band66	15MHz	16QAM	132597	38RB#0	22.28	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.26	PASS
Band66	15MHz	16QAM	132597	38RB#18	22.30	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.27	PASS
Band66	15MHz	16QAM	132597	38RB#37	22.29	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.28	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.25	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.26	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.32	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.26	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.26	PASS
Band66	20MHz	QPSK	132072	1RB#99	**23.79**	PASS
Band66	20MHz	16QAM	132072	1RB#99	23.55	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.18	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.11	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.13	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.13	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.09	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.10	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.20	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.22	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.20	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.19	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.36	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.43	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.38	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.82	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.16	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.19	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.17	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.21	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.39	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.45	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.33	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.44	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.49	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.32	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.41	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.57	PASS

Band66	20MHz	16QAM	132572	1RB#99	22.81	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.23	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.34	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.41	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.31	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.36	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.39	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.33	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.27	PASS

Remark:

1. Per KDB941225 D05 v02r05, Start with the largest channel bandwidth then measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle, and lower edge of each required test channel. When the reported SAR is≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. 6 When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.
2. Per KDB941225 D05 v02r05, the procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
3. Per KDB941225 D05 v02r05, 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 1 RB allocations, and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB941225 D05 v02r05, for each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in 5.2.1, 5.2.2, and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is > ½ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

WLAN(2.4GHz)					
Test Mode	**Data Rate**	**Channel**	**Frequency (MHz)**	**Conducted Power (dBm)**	**Tune-up power (dBm)**
802.11b	1Mbps	CH 01	2412	**16.82**	17.0
		CH 06	2437	16.56	17.0
		CH 11	2462	16.73	17.0
802.11g	6Mbps	CH 01	2412	15.72	16.0
		CH 06	2437	15.65	16.0
		CH 11	2462	15.60	16.0
802.11n (20MHz)	MCS0	CH 01	2412	14.70	15.0
		CH 06	2437	14.52	15.0
		CH 11	2462	14.64	15.0
802.11n (40MHz)	MCS0	CH 03	2422	13.52	14.0
		CH 06	2437	13.53	14.0
		CH 09	2452	13.38	14.0

WLAN(5.2GHz)				
Test Mode	**Channel**	**Frequency (MHz)**	**Conducted Power (dBm)**	**Tune-up power (dBm)**
802.11a	CH 36	5180	14.35	15.5
	CH 40	5200	14.38	15.5
	CH 48	5240	**15.03**	15.5
802.11n (HT20)	CH 36	5180	13.48	14.0
	CH 40	5200	13.81	14.0
	CH 48	5240	13.35	14.0
802.11n (HT40)	CH 38	5190	13.34	13.5
	CH 46	5230	12.87	13.5
802.11ac(VHT20)	CH 36	5180	13.70	14.0
	CH 40	5200	13.61	14.0
	CH 48	5240	13.40	14.0
802.11ac (VHT40)	CH 38	5190	13.29	14.5
	CH 46	5230	14.24	14.5
802.11ac (VHT80)	CH 42	5210	13.24	13.5

WLAN(5.8GHz)				
Test Mode	**Channel**	**Frequency (MHz)**	**Conducted Power (dBm)**	**Tune-up power (dBm)**
802.11a	CH 149	5745	13.62	14.0
	CH 157	5785	**13.68**	14.0
	CH 165	5825	13.67	14.0
802.11n (HT20)	CH 149	5745	12.79	13.0
	CH 157	5785	12.87	13.0
	CH 165	5825	12.78	13.0
802.11n (HT40)	CH 151	5755	12.67	13.0
	CH 159	5795	12.99	13.0
802.11ac(VHT20)	CH 149	5745	12.81	13.0
	CH 157	5785	12.85	13.0
	CH 165	5825	12.91	13.0
802.11ac (VHT40)	CH 151	5755	12.71	13.0
	CH 159	5795	12.90	13.0
802.11ac (VHT80)	CH 155	5775	12.14	13.0

Remark:

1. Per KDB 248227 D01 v02r02, for 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.

2. Per KDB 248227 D01 v02r02, for 802.11b DSSS SAR measurements ,when the reported SAR of the highest measured maximum output power channel (see 3.1) for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

3 .For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is <= 1.2W/kg.

Bluetooth					
Test Mode	**Data Rate**	**Conducted Power (dBm)**			**Tune-up power (dBm)**
		Low	**Middle**	**High**	
GFSK	1Mbps	7.57	7.59	**7.75**	8.0
π/4 DQPSK	2Mbps	7.03	7.06	7.40	8.0
8DPSK	3Mbps	7.30	7.36	7.55	8.0

Bluetooth					
Test Mode	**Data Rate**	**Channel**	**Frequency (MHz)**	**Conducted Power (dBm)**	**Tune-up power (dBm)**
BLE	1Mbps	CH 00	2402	1.41	4.0
		CH 19	2440	1.57	4.0
		CH 39	2480	3.40	4.0
	2Mbps	CH 00	2402	1.50	4.0
		CH 19	2440	1.69	4.0
		CH 39	2480	**3.52**	4.0

Test Mode	**Channel(MHz)**	**Max. Field Strength dBuV/m (at 3m)**	**Conducted Power (dBm)**	**Tune- up power (dBm)**
NFC	13.56	66.15	-40.85	-40

Remark:

NFC maximum output power is -40.85dBm, Maximum Tune-Up output power is -40dBm. Per KDB 447498 D01 V06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(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,16 where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation17
- The result is rounded to one decimal place for comparison

NFC:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
-40	0.0001	5	0.01356	0.000002	3

The exclusion thresholds is 0.000002< 3, therefore, the RF exposure evaluation is not required.

9.2 Test Results for Standalone SAR Test

Original data:

Body SAR

WCDMA Band 2 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	9262	1852.4	22.33	22.5	1.040	0.777	0.808
1.	RMC 12.2k	Front Face	9262	1852.4	22.33	22.5	1.040	1.029	**1.070**
	RMC 12.2k	Right Side	9262	1852.4	22.33	22.5	1.040	0.195	0.203
	RMC 12.2k	Bottom Side	9262	1852.4	22.33	22.5	1.040	0.357	0.371
	RMC 12.2k	Front Face	9400	1880.0	22.13	22.5	1.089	0.871	0.948
	RMC 12.2k	Front Face	9538	1907.6	20.98	22.5	1.419	0.747	1.060

WCDMA Band 5 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	4233	846.6	22.78	23.0	1.052	0.190	0.200
	RMC 12.2k	Front Face	4233	846.6	22.78	23.0	1.052	0.411	0.432
	RMC 12.2k	Right Side	4233	846.6	22.78	23.0	1.052	0.117	0.123
	RMC 12.2k	Bottom Side	4233	846.6	22.78	23.0	1.052	0.168	0.177
2.	RMC 12.2k	Front Face	4132	826.4	22.67	23.0	1.079	0.403	**0.435**
	RMC 12.2k	Front Face	4183	836.6	22.77	23.0	1.054	0.396	0.418

LTE Band 2–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1860	22.75	23.0	1.059	0.611	0.647
3.	QPSK 20MHz 1RB	Front Face	1860	22.75	23.0	1.059	1.055	**1.118**
	QPSK 20MHz 1RB	Right Side	1860	22.75	23.0	1.059	0.214	0.227
	QPSK 20MHz 1RB	Bottom Side	1860	22.75	23.0	1.059	0.321	0.340
	QPSK 20MHz 1RB	Front Face	1880	22.37	23.0	1.156	0.776	0.897
	QPSK 20MHz 1RB	Front Face	1900	22.32	23.0	1.169	0.921	1.077
	QPSK 20MHz 50%RB	Back Face	1860	22.75	23.0	1.059	0.603	0.639
	QPSK 20MHz 50%RB	Front Face	1860	22.75	23.0	1.059	1.018	1.078
	QPSK 20MHz 50%RB	Right Side	1860	22.75	23.0	1.059	0.198	0.210
	QPSK 20MHz 50%RB	Bottom Side	1860	22.75	23.0	1.059	0.305	0.323
	QPSK 20MHz 50%RB	Front Face	1880	22.37	23.0	1.156	0.752	0.869
	QPSK 20MHz 50%RB	Front Face	1900	22.32	23.0	1.169	0.909	1.063

LTE Band 4–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1745	23.44	23.5	1.014	0.202	0.205
	QPSK 20MHz 1RB	Front Face	1745	23.44	23.5	1.014	0.283	0.287
	QPSK 20MHz 1RB	Right Side	1745	23.44	23.5	1.014	0.156	0.158
	QPSK 20MHz 1RB	Bottom Side	1745	23.44	23.5	1.014	0.182	0.185
	QPSK 20MHz 1RB	Front Face	1720	22.79	23.5	1.178	0.238	0.280
4.	QPSK 20MHz 1RB	Front Face	1732.5	22.89	23.5	1.151	0.275	**0.316**
	QPSK 20MHz 50%RB	Back Face	1745	23.44	23.5	1.014	0.196	0.199
	QPSK 20MHz 50%RB	Front Face	1745	23.44	23.5	1.014	0.275	0.279
	QPSK 20MHz 50%RB	Right Side	1745	23.44	23.5	1.014	0.142	0.144
	QPSK 20MHz 50%RB	Bottom Side	1745	23.44	23.5	1.014	0.173	0.175
	QPSK 20MHz 50%RB	Front Face	1720	22.79	23.5	1.178	0.223	0.263
	QPSK 20MHz 50%RB	Front Face	1732.5	22.89	23.5	1.151	0.259	0.298

LTE Band 5–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	829	22.47	22.5	1.007	0.333	0.335
	QPSK 10MHz 1RB	Front Face	829	22.47	22.5	1.007	0.401	0.404
	QPSK 10MHz 1RB	Right Side	829	22.47	22.5	1.007	0.094	0.095
	QPSK 10MHz 1RB	Bottom Side	829	22.47	22.5	1.007	0.176	0.177
5.	QPSK 10MHz 1RB	Front Face	836.5	22.15	22.5	1.084	0.433	**0.469**
	QPSK 10MHz 1RB	Front Face	844	22.19	22.5	1.074	0.430	0.462
	QPSK 10MHz 50%RB	Back Face	829	22.47	22.5	1.007	0.314	0.316
	QPSK 10MHz 50%RB	Front Face	829	22.47	22.5	1.007	0.385	0.388
	QPSK 10MHz 50%RB	Right Side	829	22.47	22.5	1.007	0.083	0.084
	QPSK 10MHz 50%RB	Bottom Side	829	22.47	22.5	1.007	0.154	0.155
	QPSK 10MHz 50%RB	Front Face	836.5	22.15	22.5	1.084	0.409	0.443
	QPSK 10MHz 50%RB	Front Face	844	22.19	22.5	1.074	0.412	0.442

LTE Band 7–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	2535	23.42	23.5	1.019	0.135	0.138
	QPSK 20MHz 1RB	Front Face	2535	23.42	23.5	1.019	0.169	0.172
	QPSK 20MHz 1RB	Right Side	2535	23.42	23.5	1.019	0.105	0.107
	QPSK 20MHz 1RB	Bottom Side	2535	23.42	23.5	1.019	0.113	0.115
	QPSK 20MHz 1RB	Front Face	2510	23.19	23.5	1.074	0.163	0.175
6.	QPSK 20MHz 1RB	Front Face	2560	23.18	23.5	1.076	0.186	**0.200**
	QPSK 20MHz 50%RB	Back Face	2535	23.42	23.5	1.019	0.121	0.123
	QPSK 20MHz 50%RB	Front Face	2535	23.42	23.5	1.019	0.148	0.151
	QPSK 20MHz 50%RB	Right Side	2535	23.42	23.5	1.019	0.097	0.099
	QPSK 20MHz 50%RB	Bottom Side	2535	23.42	23.5	1.019	0.105	0.107
	QPSK 20MHz 50%RB	Front Face	2510	23.19	23.5	1.074	0.152	0.163
	QPSK 20MHz 50%RB	Front Face	2560	23.18	23.5	1.076	0.169	0.182

LTE Band 12–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	707.5	22.87	23.0	1.030	0.498	0.513
	QPSK 10MHz 1RB	Front Face	707.5	22.87	23.0	1.030	0.643	0.663
	QPSK 10MHz 1RB	Right Side	707.5	22.87	23.0	1.030	0.214	0.221
	QPSK 10MHz 1RB	Bottom Side	707.5	22.87	23.0	1.030	0.367	0.378
	QPSK 10MHz 1RB	Front Face	704	22.77	23.0	1.054	0.601	0.634
7.	QPSK 10MHz 1RB	Front Face	711	22.75	23.0	1.059	0.693	**0.734**
	QPSK 10MHz 50%RB	Back Face	707.5	22.87	23.0	1.030	0.486	0.501
	QPSK 10MHz 50%RB	Front Face	707.5	22.87	23.0	1.030	0.624	0.643
	QPSK 10MHz 50%RB	Right Side	707.5	22.87	23.0	1.030	0.201	0.207
	QPSK 10MHz 50%RB	Bottom Side	707.5	22.87	23.0	1.030	0.352	0.363
	QPSK 10MHz 50%RB	Front Face	704	22.77	23.0	1.054	0.576	0.607
	QPSK 10MHz 50%RB	Front Face	711	22.75	23.0	1.059	0.667	0.707

LTE Band 13–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
8.	QPSK 10MHz 1RB	Back Face	782	22.63	23.0	1.089	0.292	**0.318**
	QPSK 10MHz 1RB	Front Face	782	22.63	23.0	1.089	0.278	0.303
	QPSK 10MHz 1RB	Right Side	782	22.63	23.0	1.089	0.083	0.090
	QPSK 10MHz 1RB	Bottom Side	782	22.63	23.0	1.089	0.243	0.265
	QPSK 10MHz 50%RB	Back Face	782	22.63	23.0	1.089	0.290	0.316
	QPSK 10MHz 50%RB	Front Face	782	22.63	23.0	1.089	0.271	0.295
	QPSK 10MHz 50%RB	Right Side	782	22.63	23.0	1.089	0.075	0.082
	QPSK 10MHz 50%RB	Bottom Side	782	22.63	23.0	1.089	0.228	0.248

LTE Band 17–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	710	23.01	23.5	1.119	0.512	0.573
	QPSK 10MHz 1RB	Front Face	710	23.01	23.5	1.119	0.678	0.759
	QPSK 10MHz 1RB	Right Side	710	23.01	23.5	1.119	0.274	0.307
	QPSK 10MHz 1RB	Bottom Side	710	23.01	23.5	1.119	0.393	0.440
	QPSK 10MHz 1RB	Front Face	709	22.89	23.5	1.151	0.652	0.750
9.	QPSK 10MHz 1RB	Front Face	711	22.85	23.5	1.161	0.677	**0.786**
	QPSK 10MHz 50%RB	Back Face	710	23.01	23.5	1.119	0.502	0.562
	QPSK 10MHz 50%RB	Front Face	710	23.01	23.5	1.119	0.654	0.732
	QPSK 10MHz 50%RB	Right Side	710	23.01	23.5	1.119	0.257	0.288
	QPSK 10MHz 50%RB	Bottom Side	710	23.01	23.5	1.119	0.381	0.427
	QPSK 10MHz 50%RB	Front Face	709	22.89	23.5	1.151	0.627	0.722
	QPSK 10MHz 50%RB	Front Face	711	22.85	23.5	1.161	0.653	0.758

LTE Band 25–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1860	23.79	24.0	1.050	0.174	0.183
	QPSK 20MHz 1RB	Front Face	1860	23.79	24.0	1.050	0.273	0.287
	QPSK 20MHz 1RB	Right Side	1860	23.79	24.0	1.050	0.124	0.130
	QPSK 20MHz 1RB	Bottom Side	1860	23.79	24.0	1.050	0.139	0.146
	QPSK 20MHz 1RB	Front Face	1882.5	23.58	24.0	1.102	0.254	0.280
10.	QPSK 20MHz 1RB	Front Face	1905	23.01	24.0	1.256	0.248	**0.311**
	QPSK 20MHz 50%RB	Back Face	1860	23.79	24.0	1.050	0.162	0.170
	QPSK 20MHz 50%RB	Front Face	1860	23.79	24.0	1.050	0.251	0.263
	QPSK 20MHz 50%RB	Right Side	1860	23.79	24.0	1.050	0.103	0.108
	QPSK 20MHz 50%RB	Bottom Side	1860	23.79	24.0	1.050	0.115	0.121
	QPSK 20MHz 50%RB	Front Face	1882.5	23.58	24.0	1.102	0.242	0.267
	QPSK 20MHz 50%RB	Front Face	1905	23.01	24.0	1.256	0.239	0.300

LTE Band 38–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	2580	23.71	24.0	1.069	0.233	0.249
	QPSK 20MHz 1RB	Front Face	2580	23.71	24.0	1.069	0.384	0.411
	QPSK 20MHz 1RB	Right Side	2580	23.71	24.0	1.069	0.102	0.109
	QPSK 20MHz 1RB	Bottom Side	2580	23.71	24.0	1.069	0.135	0.144
11.	QPSK 20MHz 1RB	Front Face	2595	23.38	24.0	1.153	0.379	**0.437**
	QPSK 20MHz 1RB	Front Face	2610	23.43	24.0	1.140	0.380	0.433
	QPSK 20MHz 50%RB	Back Face	2580	23.71	24.0	1.069	0.221	0.236
	QPSK 20MHz 50%RB	Front Face	2580	23.71	24.0	1.069	0.370	0.396
	QPSK 20MHz 50%RB	Right Side	2580	23.71	24.0	1.069	0.087	0.093
	QPSK 20MHz 50%RB	Bottom Side	2580	23.71	24.0	1.069	0.126	0.135
	QPSK 20MHz 50%RB	Front Face	2595	23.38	24.0	1.153	0.354	0.408
	QPSK 20MHz 50%RB	Front Face	2610	23.43	24.0	1.140	0.348	0.397

LTE Band 40(2305-2315MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	2310	23.31	23.5	1.045	0.338	0.353
12.	QPSK 10MHz 1RB	Front Face	2310	23.31	23.5	1.045	0.480	**0.501**
	QPSK 10MHz 1RB	Right Side	2310	23.31	23.5	1.045	0.134	0.140
	QPSK 10MHz 1RB	Bottom Side	2310	23.31	23.5	1.045	0.172	0.180
	QPSK 10MHz 50%RB	Back Face	2310	23.31	23.5	1.045	0.327	0.342
	QPSK 10MHz 50%RB	Front Face	2310	23.31	23.5	1.045	0.419	0.438
	QPSK 10MHz 50%RB	Right Side	2310	23.31	23.5	1.045	0.129	0.135
	QPSK 10MHz 50%RB	Bottom Side	2310	23.31	23.5	1.045	0.157	0.164

LTE Band 40(2350-2360MHz)–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	2355	23.32	23.5	1.042	0.329	0.343
13.	QPSK 10MHz 1RB	Front Face	2355	23.32	23.5	1.042	0.427	**0.445**
	QPSK 10MHz 1RB	Right Side	2355	23.32	23.5	1.042	0.133	0.139
	QPSK 10MHz 1RB	Bottom Side	2355	23.32	23.5	1.042	0.168	0.175
	QPSK 10MHz 50%RB	Back Face	2355	23.32	23.5	1.042	0.319	0.332
	QPSK 10MHz 50%RB	Front Face	2355	23.32	23.5	1.042	0.382	0.398
	QPSK 10MHz 50%RB	Right Side	2355	23.32	23.5	1.042	0.112	0.117
	QPSK 10MHz 50%RB	Bottom Side	2355	23.32	23.5	1.042	0.141	0.147

LTE Band 41–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	2506	22.59	23.0	1.099	0.161	0.177
	QPSK 20MHz 1RB	Front Face	2506	22.59	23.0	1.099	0.276	0.303
	QPSK 20MHz 1RB	Right Side	2506	22.59	23.0	1.099	0.075	0.082
	QPSK 20MHz 1RB	Bottom Side	2506	22.59	23.0	1.099	0.098	0.108
	QPSK 20MHz 1RB	Front Face	2593	22.47	23.0	1.130	0.201	0.227
14.	QPSK 20MHz 1RB	Front Face	2680	22.44	23.0	1.138	0.280	**0.319**
	QPSK 20MHz 50%RB	Back Face	2506	22.59	23.0	1.099	0.159	0.175
	QPSK 20MHz 50%RB	Front Face	2506	22.59	23.0	1.099	0.264	0.290
	QPSK 20MHz 50%RB	Right Side	2506	22.59	23.0	1.099	0.068	0.075
	QPSK 20MHz 50%RB	Bottom Side	2506	22.59	23.0	1.099	0.091	0.100
	QPSK 20MHz 50%RB	Front Face	2593	22.47	23.0	1.130	0.189	0.214
	QPSK 20MHz 50%RB	Front Face	2680	22.44	23.0	1.138	0.272	0.309

LTE Band 66–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1720	23.79	24.0	1.050	0.143	0.150
	QPSK 20MHz 1RB	Front Face	1720	23.79	24.0	1.050	0.239	0.251
	QPSK 20MHz 1RB	Right Side	1720	23.79	24.0	1.050	0.101	0.106
	QPSK 20MHz 1RB	Bottom Side	1720	23.79	24.0	1.050	0.123	0.129
	QPSK 20MHz 1RB	Front Face	1745	23.38	24.0	1.153	0.272	0.314
15.	QPSK 20MHz 1RB	Front Face	1770	23.57	24.0	1.104	0.291	**0.321**
	QPSK 20MHz 50%RB	Back Face	1720	23.79	24.0	1.050	0.128	0.134
	QPSK 20MHz 50%RB	Front Face	1720	23.79	24.0	1.050	0.221	0.232
	QPSK 20MHz 50%RB	Right Side	1720	23.79	24.0	1.050	0.096	0.101
	QPSK 20MHz 50%RB	Bottom Side	1720	23.79	24.0	1.050	0.115	0.121
	QPSK 20MHz 50%RB	Front Face	1745	23.38	24.0	1.153	0.258	0.298
	QPSK 20MHz 50%RB	Front Face	1770	23.57	24.0	1.104	0.278	0.307

WLAN 2.4GHz –Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	802.11b	Back Face	CH 01	2412	16.82	17.0	1.042	0.259	0.270
	802.11b	Front Face	CH 01	2412	16.82	17.0	1.042	0.192	0.200
	802.11b	Left Side	CH 01	2412	16.82	17.0	1.042	0.043	0.045
	802.11b	Top Side	CH 01	2412	16.82	17.0	1.042	0.095	0.099
16.	802.11b	Back Face	CH 06	2437	16.56	17.0	1.107	0.317	**0.351**
	802.11b	Back Face	CH 11	2462	16.73	17.0	1.064	0.324	0.345

Bluetooth–Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GFSK	Back Face	78	2480	7.75	8.0	1.059	0.091	0.096
	GFSK	Front Face	78	2480	7.75	8.0	1.059	0.085	0.090
	GFSK	Left Side	78	2480	7.75	8.0	1.059	0.045	0.048
	GFSK	Top Side	78	2480	7.75	8.0	1.059	0.038	0.040
	GFSK	Back Face	00	2402	7.57	8.0	1.104	0.083	0.092
17.	GFSK	Back Face	39	2441	7.59	8.0	1.099	0.094	**0.103**

WLAN 5.2GHz– Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	802.11a	Back Face	48	5240	15.03	15.5	1.052	0.387	0.431
	802.11a	Front Face	48	5240	15.03	15.5	1.064	0.271	0.302
	802.11a	Left Side	48	5240	15.03	15.5	1.114	0.122	0.136
	802.11a	Top Side	48	5240	15.03	15.5	1.114	0.224	0.250
18.	802.11a	Back Face	36	5180	14.35	15.5	1.303	0.373	**0.486**
	802.11a	Back Face	40	5200	14.38	15.5	1.419	0.356	0.461

WLAN 5.8GHz– Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
19.	802.11a	Back Face	157	5785	13.68	14.0	1.076	0.352	**0.379**
	802.11a	Front Face	157	5785	13.68	14.0	1.076	0.225	0.242
	802.11a	Left Side	157	5785	13.68	14.0	1.076	0.110	0.118
	802.11a	Top Side	157	5785	13.68	14.0	1.076	0.214	0.230
	802.11a	Back Face	149	5745	13.62	14.0	1.091	0.344	0.375
	802.11a	Back Face	165	5825	13.67	14.0	1.079	0.329	0.355

Remark: Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position ≤ 0.8 W/kg other channels SAR tests are not necessary.

Repeated SAR

WCDMA Band 2 – Body SAR Test (Gap: 0mm)								
Mode	Test Position	Frequency		SAR1g (W/kg)	Repeated SAR		Ratio	
		CH.	MHz		1	2	1	2
RMC 12.2k	Back Face	9262	1852.4	0.871	0.856	/	1.018	/
RMC 12.2k	Front Face	9262	1852.4	0.777	0.768	/	1.012	/
RMC 12.2k	Back Face	9400	1880.0	1.029	1.021	/	1.008	/
RMC 12.2k	Back Face	9538	1907.6	0.787	0.779	/	1.010	/

LTE Band 2–Body SAR Test (Gap: 0mm)							
Mode	Test Position	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Front Face	1860	1.021	1.006	/	1.015	/
QPSK 20MHz 1RB	Front Face	1880	0.776	0.771	/	1.006	/
QPSK 20MHz 1RB	Front Face	1900	1.055	1.041	/	1.013	/
QPSK 20MHz 50%RB	Front Face	1860	1.001	0.993	/	1.008	/
QPSK 20MHz 50%RB	Front Face	1880	0.752	0.745	/	1.009	/
QPSK 20MHz 50%RB	Front Face	1900	1.018	1.002	/	1.016	/

Remark:

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Difference test data:

Body SAR

WCDMA Band 2 – Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	9262	1852.4	22.33	22.5	1.040	0.752	0.782
20.	RMC 12.2k	Front Face	9262	1852.4	22.33	22.5	1.040	1.115	**1.160**
	RMC 12.2k	Right Side	9262	1852.4	22.33	22.5	1.040	0.253	0.263
	RMC 12.2k	Bottom Side	9262	1852.4	22.33	22.5	1.040	0.378	0.393
	RMC 12.2k	Front Face	9400	1880.0	22.13	22.5	1.089	0.902	0.982
	RMC 12.2k	Front Face	9538	1907.6	20.98	22.5	1.419	0.770	1.093

LTE Band 2–Body SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1860	22.75	23.0	1.059	0.627	0.664
21.	QPSK 20MHz 1RB	Front Face	1860	22.75	23.0	1.059	1.087	**1.151**
	QPSK 20MHz 1RB	Right Side	1860	22.75	23.0	1.059	0.256	0.271
	QPSK 20MHz 1RB	Bottom Side	1860	22.75	23.0	1.059	0.341	0.361
	QPSK 20MHz 1RB	Front Face	1880	22.37	23.0	1.156	0.887	1.025
	QPSK 20MHz 1RB	Front Face	1900	22.32	23.0	1.169	0.906	1.060
	QPSK 20MHz 50%RB	Back Face	1860	22.75	23.0	1.059	0.590	0.625
	QPSK 20MHz 50%RB	Front Face	1860	22.75	23.0	1.059	1.038	1.100
	QPSK 20MHz 50%RB	Right Side	1860	22.75	23.0	1.059	0.227	0.240
	QPSK 20MHz 50%RB	Bottom Side	1860	22.75	23.0	1.059	0.315	0.334
	QPSK 20MHz 50%RB	Front Face	1880	22.37	23.0	1.156	0.859	0.993
	QPSK 20MHz 50%RB	Front Face	1900	22.32	23.0	1.169	0.879	1.028

WLAN 2.4GHz –Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	802.11b	Back Face	CH 01	2412	16.82	17.0	1.042	0.275	0.287
	802.11b	Front Face	CH 01	2412	16.82	17.0	1.042	0.225	0.235
	802.11b	Left Side	CH 01	2412	16.82	17.0	1.042	0.056	0.058
	802.11b	Top Side	CH 01	2412	16.82	17.0	1.042	0.108	0.113
	802.11b	Back Face	CH 06	2437	16.56	17.0	1.107	0.300	0.332
22.	802.11b	Back Face	CH 11	2462	16.73	17.0	1.064	0.323	**0.344**

Bluetooth–Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
23.	GFSK	Back Face	78	2480	7.75	8.0	1.059	0.090	**0.095**
	GFSK	Front Face	78	2480	7.75	8.0	1.059	0.079	0.084
	GFSK	Left Side	78	2480	7.75	8.0	1.059	0.047	0.050
	GFSK	Top Side	78	2480	7.75	8.0	1.059	0.035	0.037
	GFSK	Back Face	00	2402	7.57	8.0	1.104	0.082	0.091
	GFSK	Back Face	39	2441	7.59	8.0	1.099	0.085	0.093

WLAN 5.2GHz– Body SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	802.11a	Back Face	48	5240	15.03	15.5	1.052	0.375	0.418
	802.11a	Front Face	48	5240	15.03	15.5	1.064	0.262	0.292
	802.11a	Left Side	48	5240	15.03	15.5	1.114	0.140	0.156
	802.11a	Top Side	48	5240	15.03	15.5	1.114	0.168	0.187
24.	802.11a	Back Face	36	5180	14.35	15.5	1.303	0.367	**0.478**
	802.11a	Back Face	40	5200	14.38	15.5	1.419	0.348	0.450

Repeated SAR

WCDMA Band 2 – Body SAR Test (Gap: 0mm)								
Mode	Test Position	Frequency		SAR1g (W/kg)	Repeated SAR		Ratio	
		CH.	MHz		1	2	1	2
RMC 12.2k	Front Face	9262	1852.4	1.115	1.058	/	1.054	/
RMC 12.2k	Front Face	9400	1880.0	0.902	0.886	/	1.018	/
RMC 12.2k	Front Face	9538	1907.6	0.770	0.751	/	1.025	/

LTE Band 2–Body SAR Test (Gap: 0mm)							
Mode	Test Position	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Front Face	1860	1.087	1.023	/	1.063	/
QPSK 20MHz 1RB	Front Face	1880	0.887	0.864	/	1.027	/
QPSK 20MHz 1RB	Front Face	1900	0.906	0.892	/	1.016	/
QPSK 20MHz 50%RB	Front Face	1860	1.038	1.002	/	1.036	/
QPSK 20MHz 50%RB	Front Face	1880	0.859	0.843	/	1.019	/
QPSK 20MHz 50%RB	Front Face	1900	0.879	0.855	/	1.028	/

Remark:

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Remark:

Updated the appearance of EUT, added difference test data, but only the worst case is recorded in this report.

9.3 Simultaneous Multi-band Transmission SAR Analysis

List of Mode for Simultaneous Multi-band Transmission

No.	Configurations	Body SAR
1	**WCDMA (Voice/Data)+ WLAN(2.4GHz)(Data)+ NFC(Data)**	Yes
2	**LTE(Data) + WLAN(2.4GHz)(Data) + NFC(Data)**	Yes
3	**WCDMA (Voice/Data)+ WLAN(5GHz)(Data) + NFC(Data)**	Yes
4	**LTE(Data) + WLAN(5GHz)(Data) + NFC(Data)**	Yes
5	**WCDMA (Voice/Data) + Bluetooth(Data) + NFC(Data)**	Yes
6	**LTE(Data) + Bluetooth(Data+ NFC(Data))**	Yes

Remark:

1. WCDMA and LTE share the same antenna, and cannot transmit simultaneously.
2. WLAN and Bluetooth share the same antenna, and cannot transmit simultaneously.
3. According to the KDB 447498 D01 v06, when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

(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.

For simultaneous transmission analysis, NFC SAR is estimated per KDB 447498 D01 v06 as below:

NFC:

Tune-Up Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	X	SAR(1g) 5mm
-40	0.0001	5/10	0.01356	7.5	0.00001

4. The maximum SAR summation is calculated based on the same configuration and test position.

Original data:

Body SAR

WWAN and WLAN

	WWAN		WLAN(2.4GHz)	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	WCDMA	0.808	**0.351**	0.00001	1.159
Front	WCDMA	**1.070**	0.200	0.00001	1.270
Right side	WCDMA	0.203	--	0.00001	0.203
Left side	WCDMA	--	0.045	0.00001	0.045
Bottom side	WCDMA	0.371	--	0.00001	0.371
Top side	WCDMA	--	0.099	0.00001	0.099
Back	LTE	0.647	**0.351**	0.00001	0.998
Front	LTE	**1.118**	0.200	0.00001	**1.318**
Right side	LTE	0.307	--	0.00001	0.307
Left side	LTE	--	0.045	0.00001	0.045
Bottom side	LTE	0.440	--	0.00001	0.440
Top side	LTE	--	0.099	0.00001	0.099

	WWAN		WLAN(5GHz)	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	WCDMA	0.808	**0.486**	0.00001	1.294
Front	WCDMA	**1.070**	0.302	0.00001	1.372
Right side	WCDMA	0.203	--	0.00001	0.203
Left side	WCDMA	--	0.136	0.00001	0.136
Bottom side	WCDMA	0.371	--	0.00001	0.371
Top side	WCDMA	--	0.250	0.00001	0.250
Back	LTE	0.647	**0.486**	0.00001	1.133
Front	LTE	**1.118**	0.302	0.00001	**1.420**
Right side	LTE	0.307	--	0.00001	0.307
Left side	LTE	--	0.136	0.00001	0.136
Bottom side	LTE	0.440	--	0.00001	0.440
Top side	LTE	--	0.250	0.00001	0.250

WWAN and Bluetooth

	WWAN		Bluetooth	NFC	Summed SAR (W/kg)
Position	**Band**	**Scaled SAR (W/kg)**	**Scaled SAR (W/kg)**	**Scaled SAR (W/kg)**	
Back	WCDMA	0.808	**0.096**	0.00001	0.904
Front	WCDMA	**1.070**	0.090	0.00001	1.160
Right side	WCDMA	0.203	--	0.00001	0.203
Left side	WCDMA	--	0.048	0.00001	0.048
Bottom side	WCDMA	0.371	--	0.00001	0.371
Top side	WCDMA	--	0.040	0.00001	0.040
Back	LTE	0.647	**0.096**	0.00001	0.743
Front	LTE	**1.118**	0.090	0.00001	**1.208**
Right side	LTE	0.307	--	0.00001	0.307
Left side	LTE	--	0.048	0.00001	0.048
Bottom side	LTE	0.440	--	0.00001	0.440
Top side	LTE	--	0.040	0.00001	0.040

Difference test data:

Body SAR

WWAN and WLAN

	WWAN		WLAN(2.4GHz)	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	WCDMA	0.782	**0.344**	0.00001	1.126
Front	WCDMA	**1.160**	0.235	0.00001	**1.395**
Right side	WCDMA	0.263	--	0.00001	0.263
Left side	WCDMA	-	0.058	0.00001	0.058
Bottom side	WCDMA	0.393	--	0.00001	0.393
Top side	WCDMA	--	0.113	0.00001	0.113
Back	LTE	0.664	**0.344**	0.00001	1.008
Front	LTE	**1.151**	0.235	0.00001	1.386
Right side	LTE	0.271	--	0.00001	0.271
Left side	LTE	-	0.058	0.00001	0.058
Bottom side	LTE	0.361	--	0.00001	0.361
Top side	LTE	-	0.113	0.00001	0.113

	WWAN		WLAN(5GHz)	NFC	Summed SAR (W/kg)
Position	Band	Scaled SAR (W/kg)	Scaled SAR (W/kg)	Scaled SAR (W/kg)	
Back	WCDMA	0.782	**0.478**	0.00001	1.260
Front	WCDMA	**1.160**	0.292	0.00001	**1.452**
Right side	WCDMA	0.263	-	0.00001	0.263
Left side	WCDMA	-	0.156	0.00001	0.156
Bottom side	WCDMA	0.393	-	0.00001	0.393
Top side	WCDMA	--	0.187	0.00001	0.187
Back	LTE	0.664	**0.478**	0.00001	1.142
Front	LTE	**1.151**	0.292	0.00001	1.443
Right side	LTE	0.271	-	0.00001	0.271
Left side	LTE	-	0.156	0.00001	0.156
Bottom side	LTE	0.361	-	0.00001	0.361
Top side	LTE	-	0.187	0.00001	0.187

10. Measurement Uncertainty

10.1 Uncertainty for SAR Test

a	b	c	d	e= f(d,k)	f	g	h= c*f/e	i= c*g/e	k
Uncertainty Component	**Sec.**	**Tol (+- %)**	**Prob. Dist.**	**Div.**	**Ci (1g)**	**Ci (10g)**	**1g Ui (+-%)**	**10g Ui (+-%)**	**Vi**
Measurement System									
Probe calibration	E.2.1	7.0	N	1	1	1	7.00	7.00	∝
Axial Isotropy	E.2.2	2.5	R	√3	(1_Cp)^1/2	(1_Cp)^1/2	1.02	1.02	∝
Hemispherical Isotropy	E.2.2	4.0	R	√3	(Cp)^1/2	(Cp)^1/2	1.63	1.63	∝
Boundary effect	E.2.3	1.0	R	√3	1	1	0.58	0.58	∝
Linearity	E.2.4	5.0	R	√3	1	1	2.89	2.89	∝
System detection limits	E.2.5	1.0	R	√3	1	1	0.58	0.58	∝
Readout Electronics	E.2.6	0.02	N	1	1	1	0.02	0.02	∝
Reponse Time	E.2.7	3.0	R	√3	1	1	1.73	1.73	∝
Integration Time	E.2.8	2.0	R	√3	1	1	1.15	1.15	∝
RF ambient Conditions – Noise	E.6.1	0	R	√3	1	1	1.73	1.73	∝
RF ambient Conditions - Reflections	E.6.1	0	R	√3	1	1	1.73	1.73	∝
Probe positioner Mechanical Tolerance	E.6.2	2.0	R	√3	1	1	1.15	1.15	∝
Probe positioning with respect to Phantom Shell	E.6.3	0.05	R	√3	1	1	0.03	0.03	∝
Extrapolation, interpolation and integration Algoritms for Max. SAR Evaluation	E.5	5.0	R	√3	1	1	2.89	2.89	∝
Test Sample Related									
Test sample positioning	E.4.2	0.03	N	1	1	1	0.03	0.03	N−1
Device Holder Uncertainty	E.4.1	5.00	N	1	1	1	5.00	5.00	
Output power Variation - SAR drift measurement	E.2.9	12.02	R	√3	1	1	6.94	6.94	∝
SAR scaling	E6.5	0.0	R	√3	1	1	0.0	0.0	∝
Phantom and Tissue Parameters									
Phantom Uncertainty (Shape and thickness tolerances)	E.3.1	0.05	R	√3	1	1	0.03	0.03	∝
Uncertainty in SAR correction for deviations in permittivity and conductivity	E3.2	1.9	R	√3	1	0.84	1.10	0.90	∝

Liquid conductivity - deviation from target value	E.3.2	0	R	√3	0	0.43	0	0	∝
Liquid conductivity - measurement uncertainty	E.3.3	4.00	N	1	0.64	0.43	1.10	1.10	∝
Liquid permittivity - deviation from target value	E.3.2	0	R	√3	0	0.49	0	0	∝
Liquid permittivity - measurement uncertainty	E.3.3	5.00	N	1	0.6	0.49	1.47	1.47	∝
Combined Standard Uncertainty			RSS				10.20	10.00	
Expanded Uncertainty (95% Confidence interval)			K=2				20.40	20.00	

Annex A. Plots of System Performance Check

MEASUREMENT 1

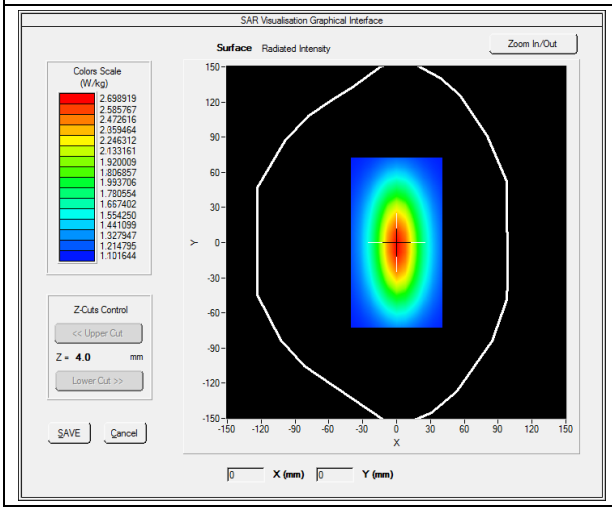
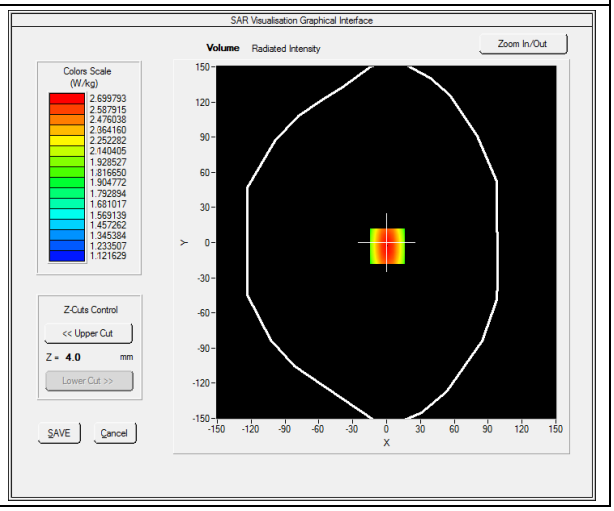
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-24
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.66; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative Permittivity (real part)	42.282774
Conductivity (S/m)	0.862314
Power Variation (%)	1.334700
Ambient Temperature	22.5
Liquid Temperature	22.5

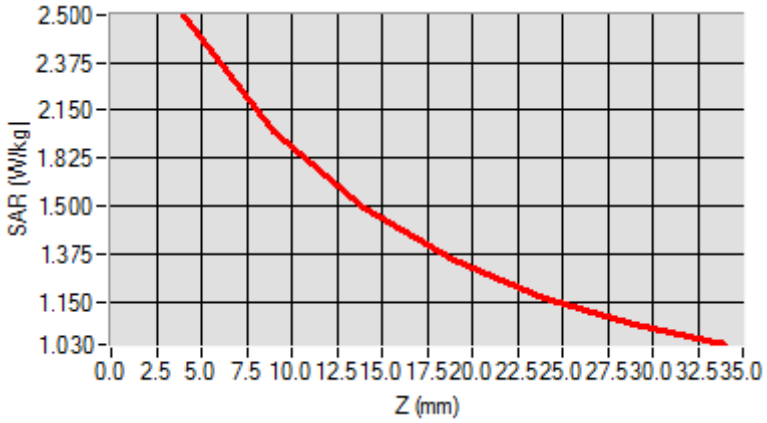
SURFACE SAR	VOLUME SAR
	

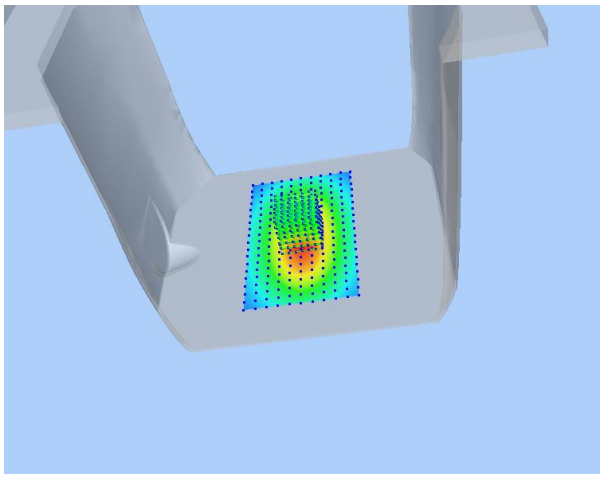
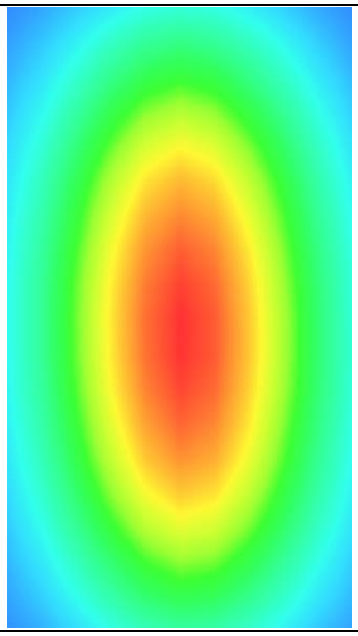
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.042744
SAR 1g (W/Kg)	2.164534

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.3634	1.8023	1.4523	1.2514	1.1005	1.0245



3D screen shot	Hot spot position
	

MEASUREMENT 2

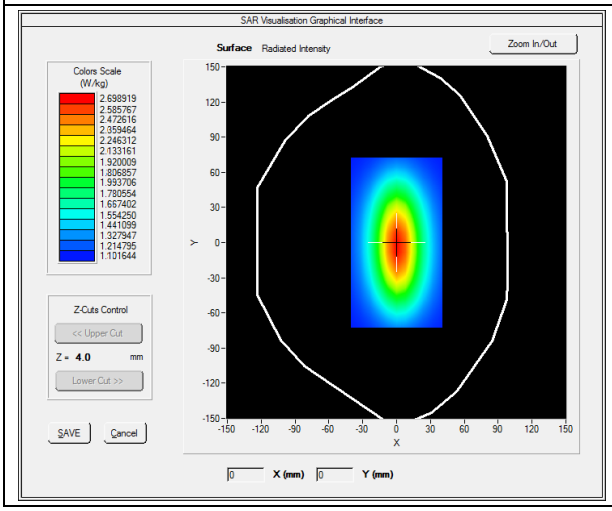
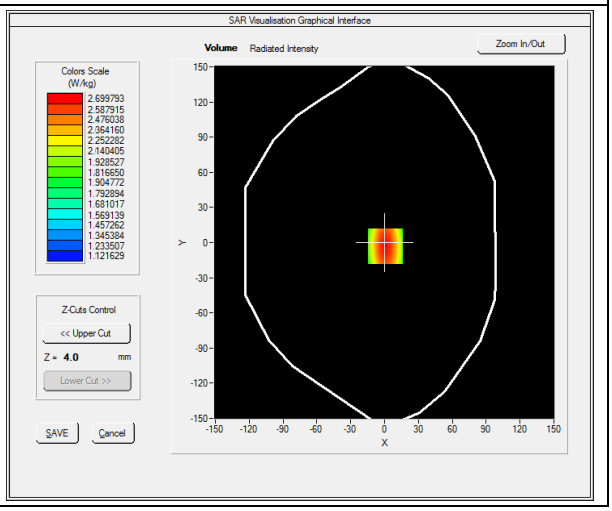
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-24
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative Permittivity (real part)	42.259245
Conductivity (S/m)	0.871275
Power Variation (%)	1.817700
Ambient Temperature	22.5
Liquid Temperature	22.5

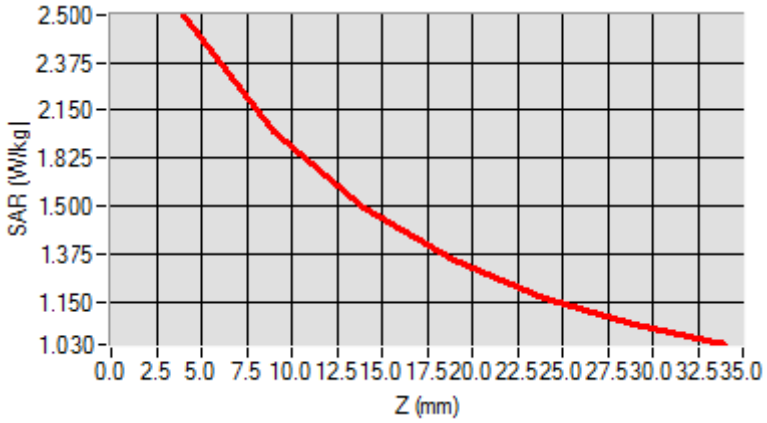
SURFACE SAR	VOLUME SAR
	

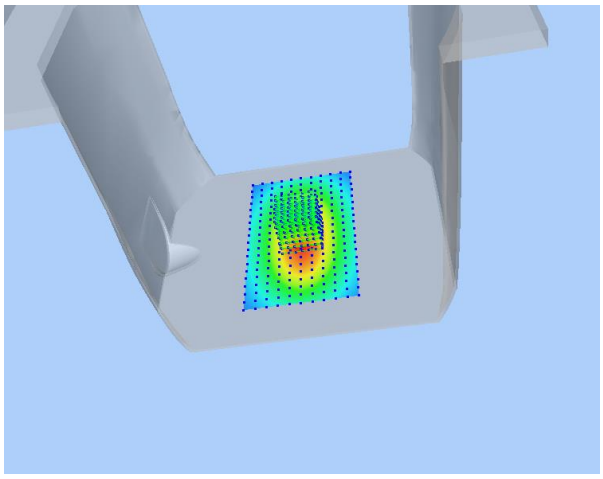
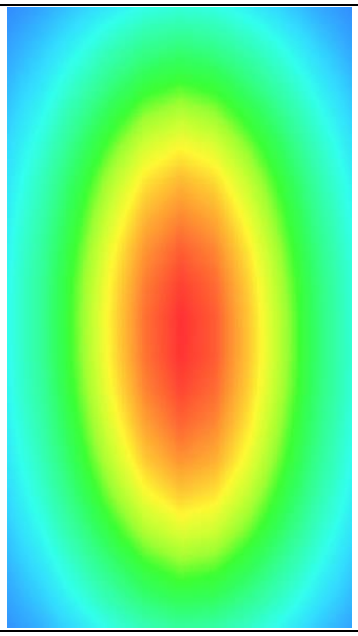
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.519489
SAR 1g (W/Kg)	2.411253

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.4900	1.8942	1.4811	1.3541	1.1123	1.0539



3D screen shot	Hot spot position
	

MEASUREMENT 3

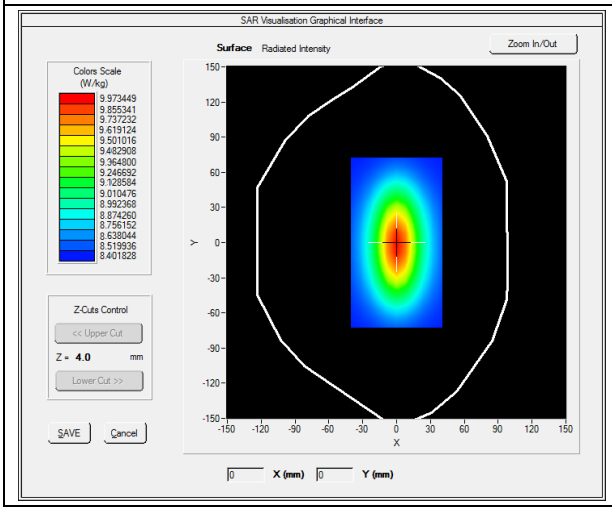
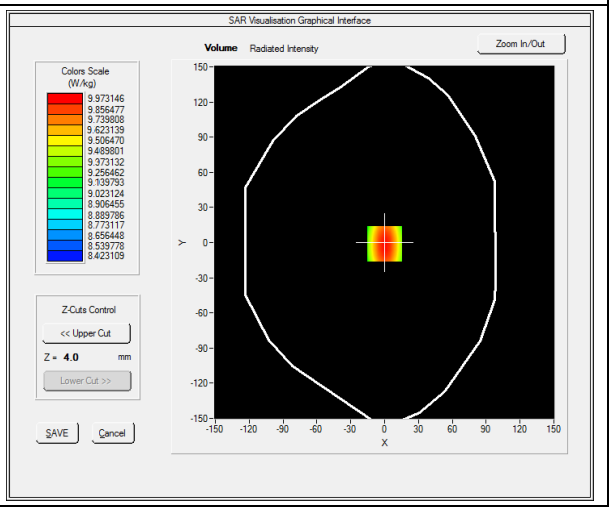
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative Permittivity (real part)	39.544251
Conductivity (S/m)	1.372857
Power Variation (%)	1.423200
Ambient Temperature	22.2
Liquid Temperature	22.2

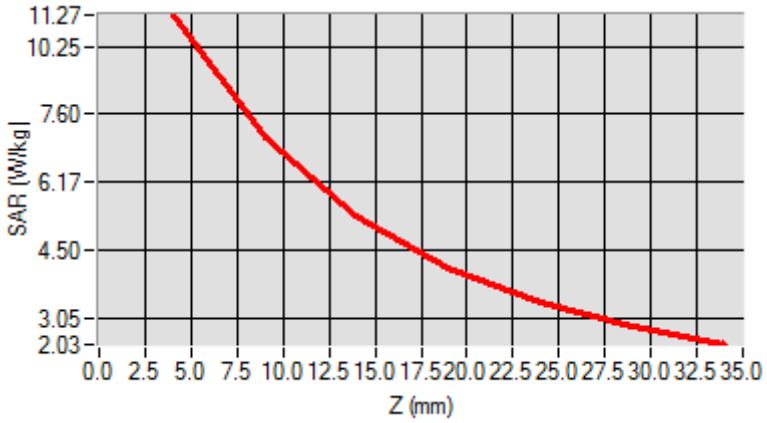
SURFACE SAR	VOLUME SAR
	

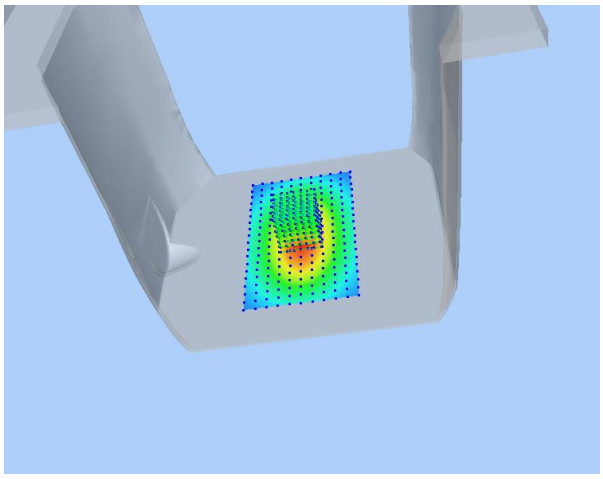
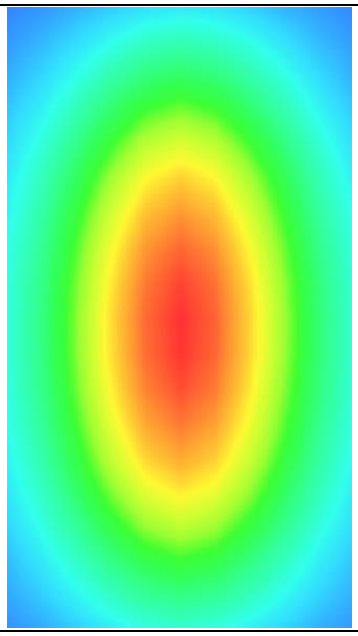
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.171252
SAR 1g (W/Kg)	9.611250

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.3455	7.1125	5.1026	3.425	3.0242	2.1125



3D screen shot	Hot spot position
	

MEASUREMENT 4

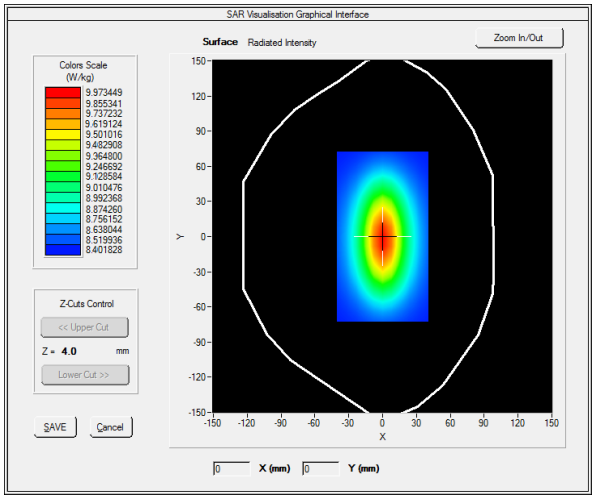
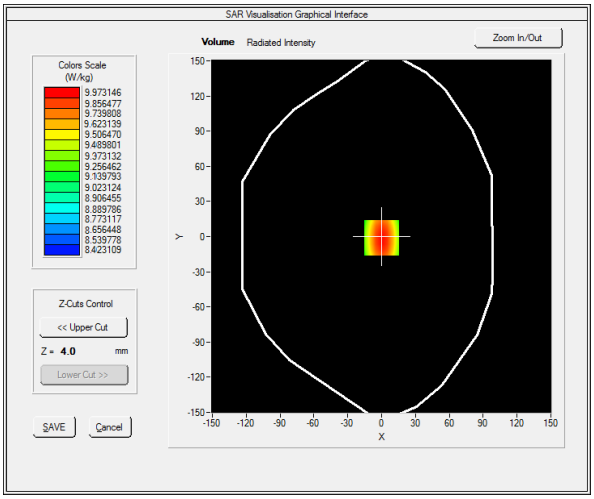
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.373258
Power Variation (%)	1.254000
Ambient Temperature	22.2
Liquid Temperature	22.2

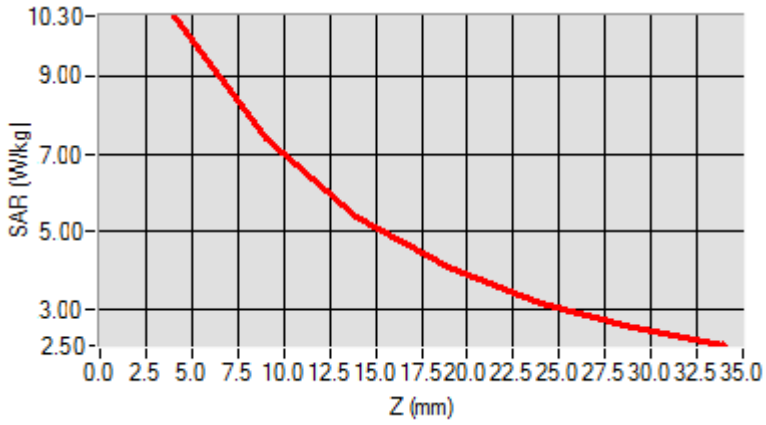
SURFACE SAR	VOLUME SAR
	

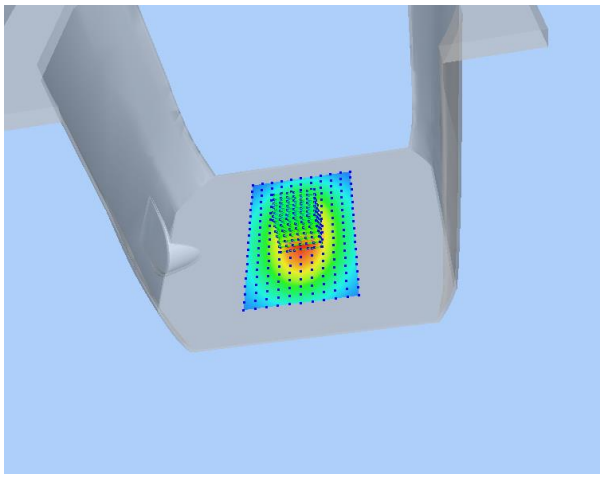
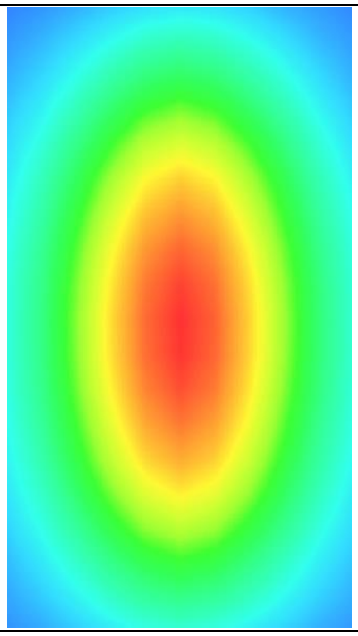
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.174526
SAR 1g (W/Kg)	9.913214

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.2354	6.8400	5.0121	4.1189	3.0522	2.8424



3D screen shot	Hot spot position
	

MEASUREMENT 5

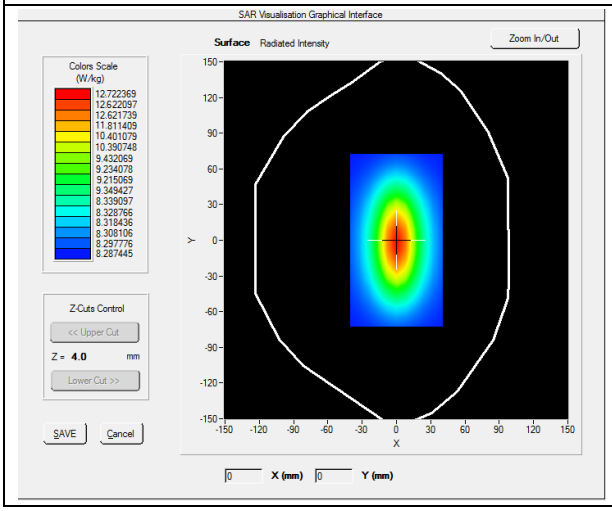
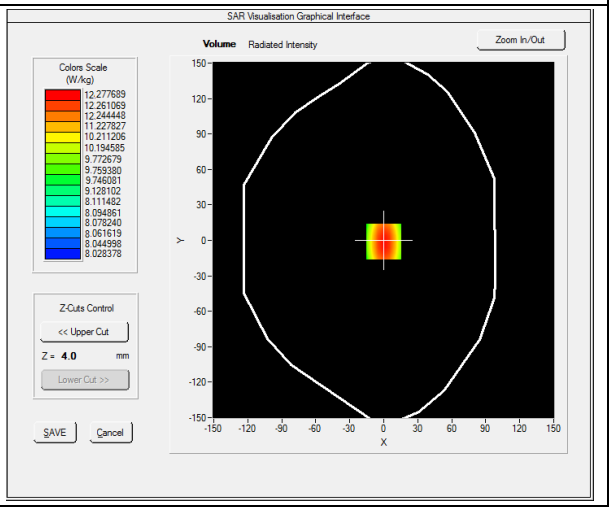
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-27
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.34; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2300
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2300.000000
Relative Permittivity (real part)	51.262249
Conductivity (S/m)	1.782549
Power Variation (%)	1.974500
Ambient Temperature	22.2
Liquid Temperature	22.2

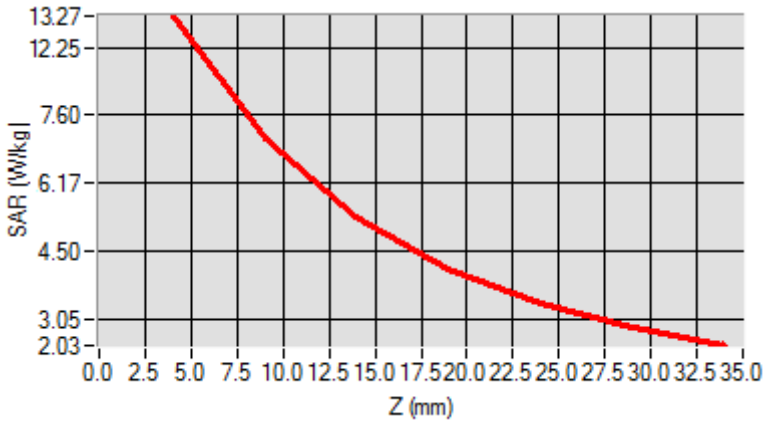
SURFACE SAR	VOLUME SAR
	

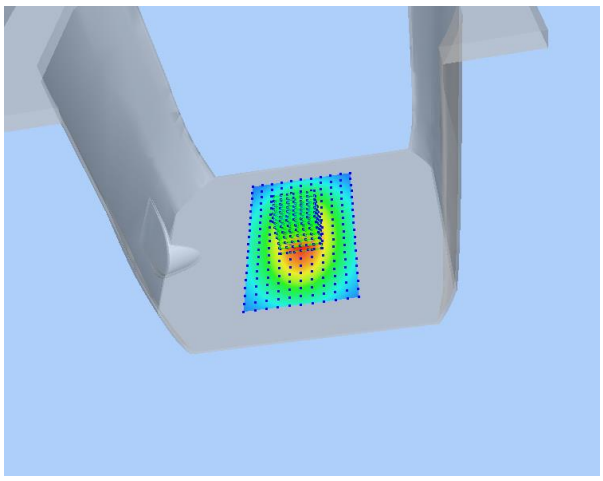
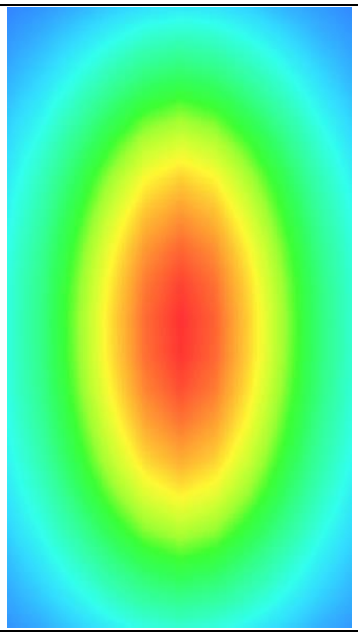
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.114210
SAR 1g (W/Kg)	12.505243

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	13.1891	11.7779	9.2852	8.5315	6.3698	4.6231



3D screen shot	Hot spot position
	

MEASUREMENT 6

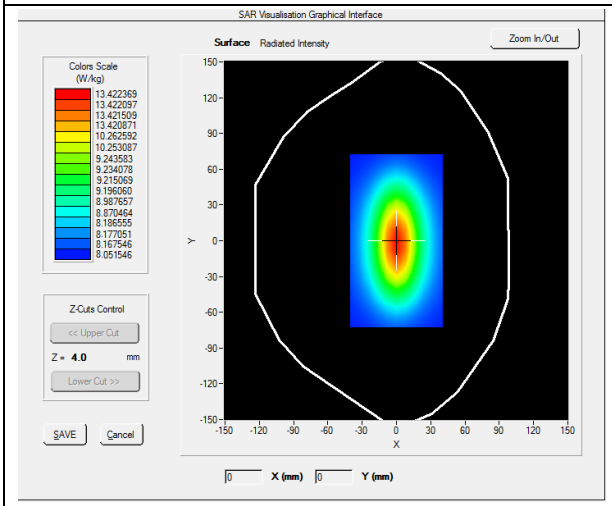
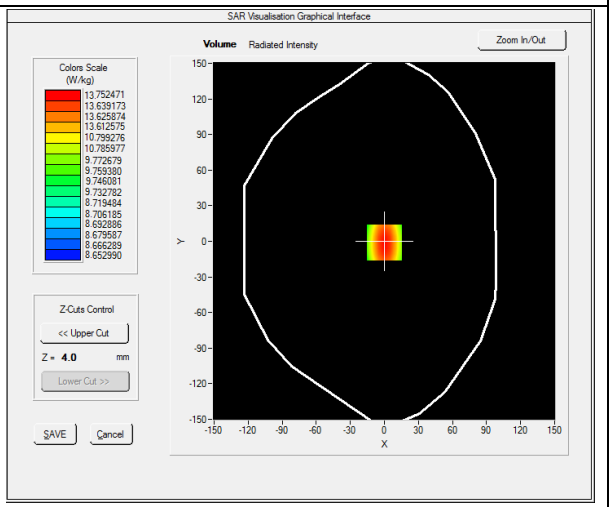
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-29
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative Permittivity (real part)	39.123575
Conductivity (S/m)	1.762558
Power Variation (%)	1.554700
Ambient Temperature	22.1
Liquid Temperature	22.1

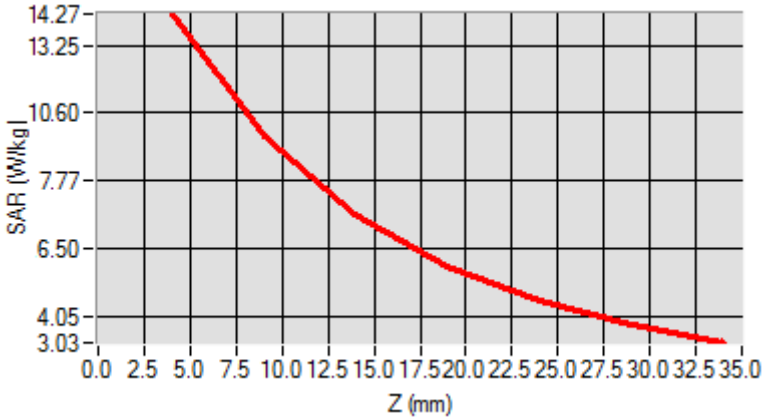
SURFACE SAR	VOLUME SAR
	

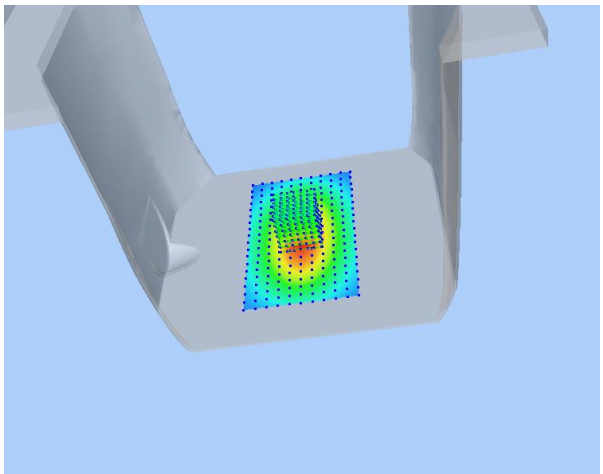
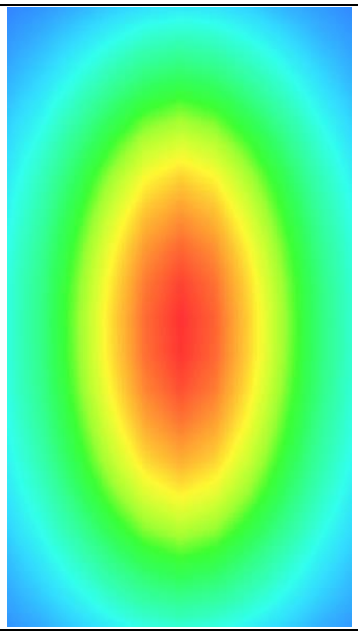
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	8.020427
SAR 1g (W/Kg)	13.452457

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	14.1034	12.0012	10.2624	7.4715	5.9022	4.5114



3D screen shot	Hot spot position
	

MEASUREMENT 7

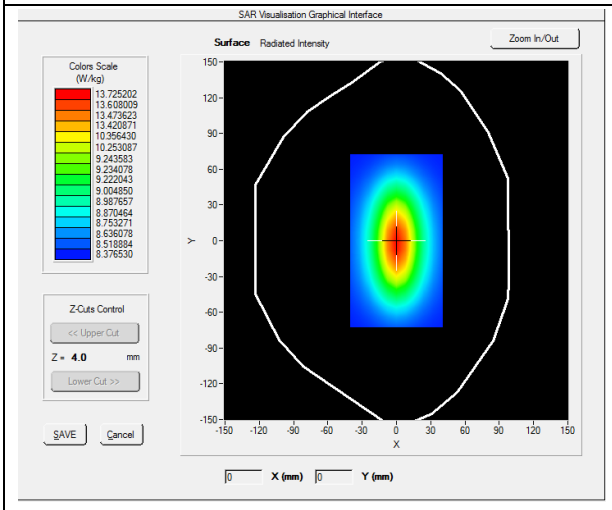
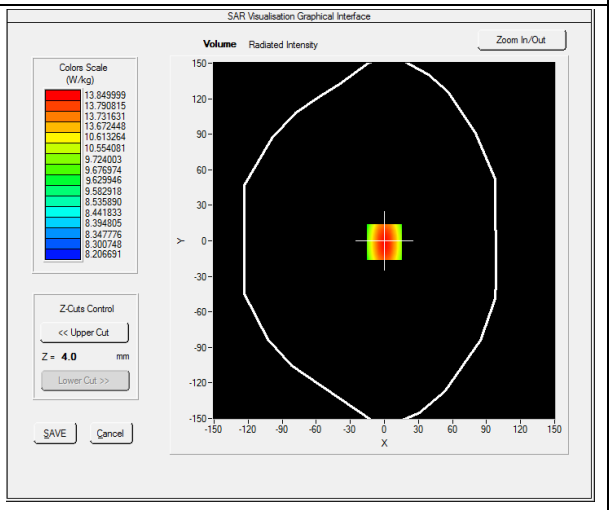
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-30
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	38.874227
Conductivity (S/m)	1.932275
Power Variation (%)	1.217500
Ambient Temperature	22.1
Liquid Temperature	22.1

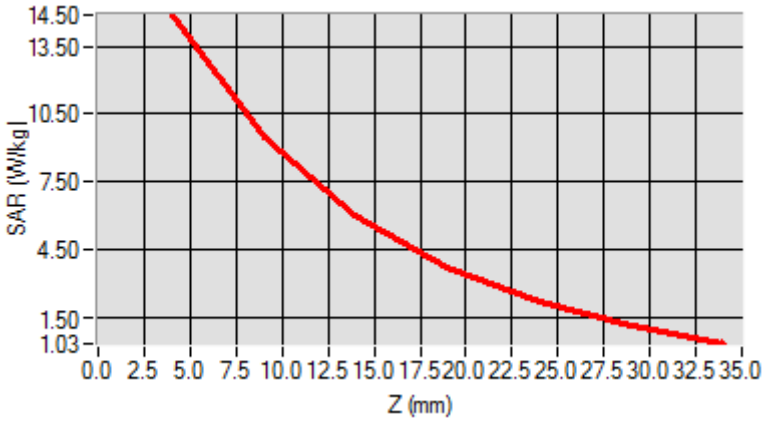
SURFACE SAR	VOLUME SAR
	

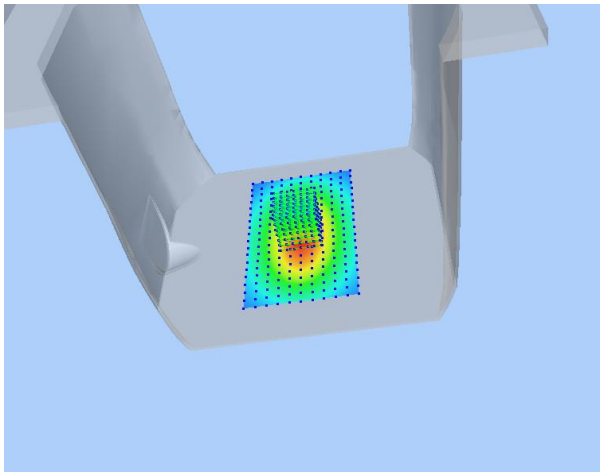
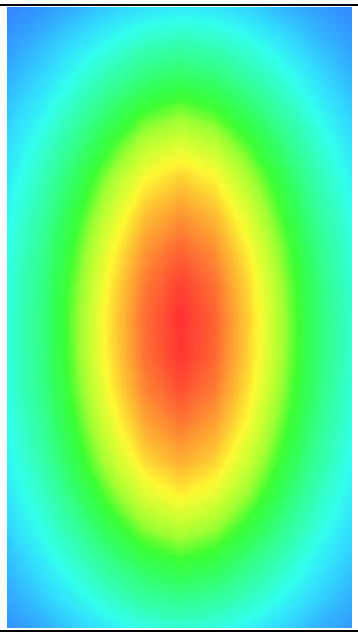
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	8.270822
SAR 1g (W/Kg)	13.670282

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	14.0426	12.1354	10.2965	7.4854	5.9354	4.5186



3D screen shot	Hot spot position
	

MEASUREMENT 8

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-08-22
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

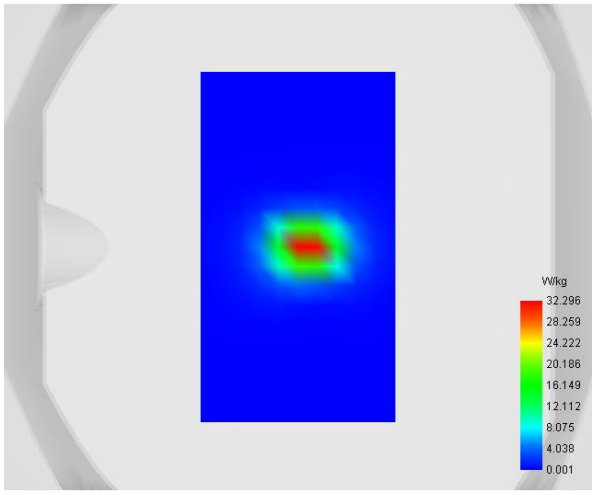
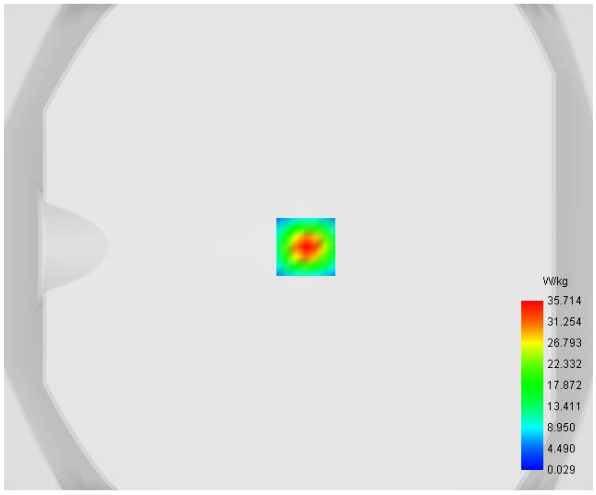
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative Permittivity (real part)	36.532185
Conductivity (S/m)	4.704783
Power Variation (%)	1.372800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

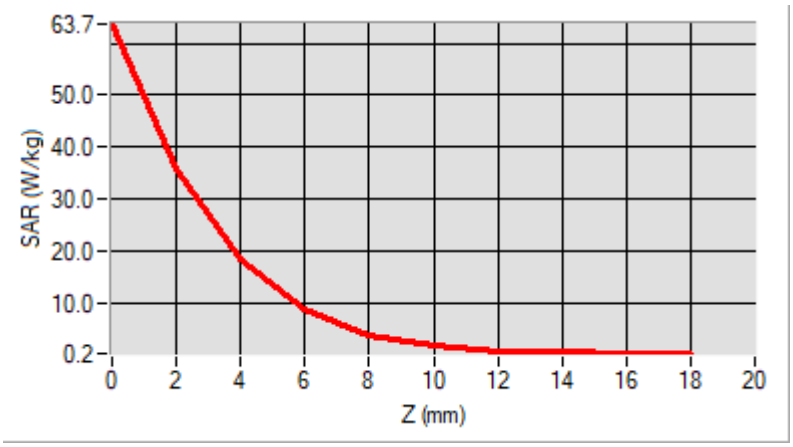
Maximum location: X=3.00, Y=0.00

D. SAR 1g & 10g

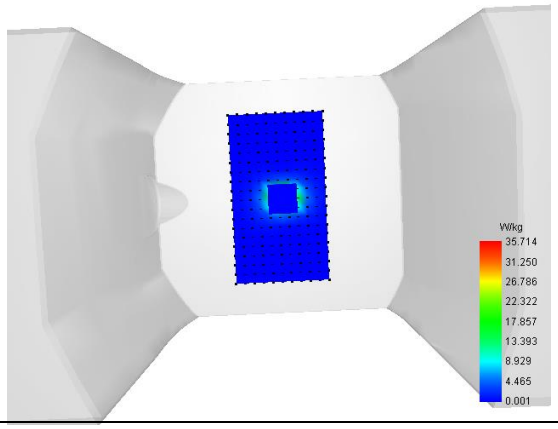
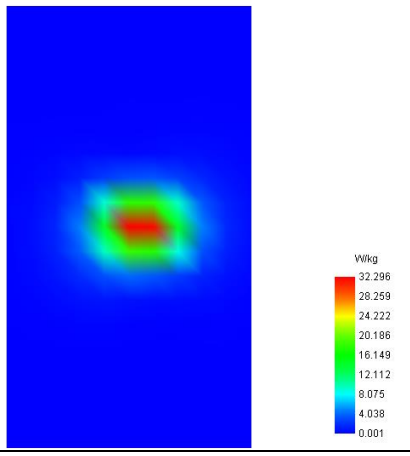
SAR 10g (W/Kg)	**5.214336**
SAR 1g (W/Kg)	**18.566732**

E. Z Axis Scan

Z (mm)	**0.00**	**2.00**	**4.00**	**6.00**	**8.00**	**10.00**	**12.00**	**14.00**	**16.00**
SAR (W/Kg)	**63.6940**	**35.7143**	**18.3619**	**8.6368**	**3.8326**	**1.6405**	**0.7180**	**0.3557**	**0.2183**



F. 3D Image

3D screen shot	**Hot spot position**
	

MEASUREMENT 9

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-08-22
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2023-07-07

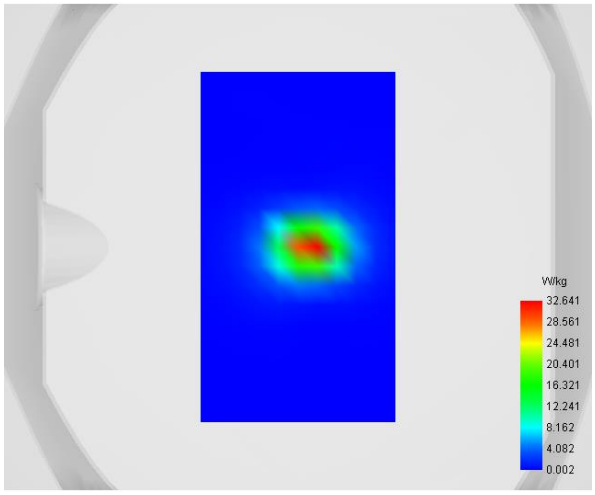
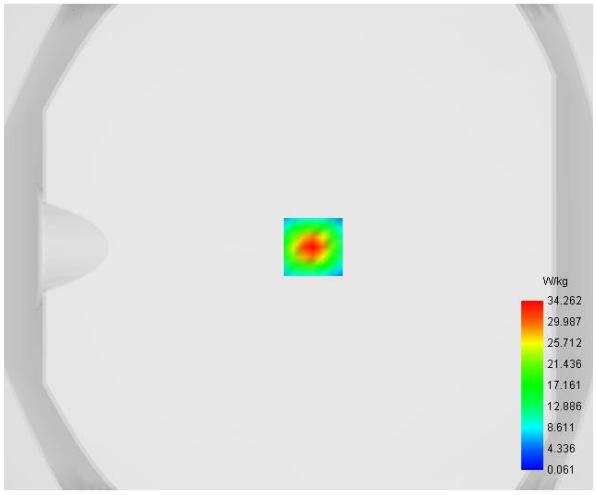
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5800.000000
Relative Permittivity (real part)	36.271447
Conductivity (S/m)	5.182129
Power Variation (%)	1.628100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

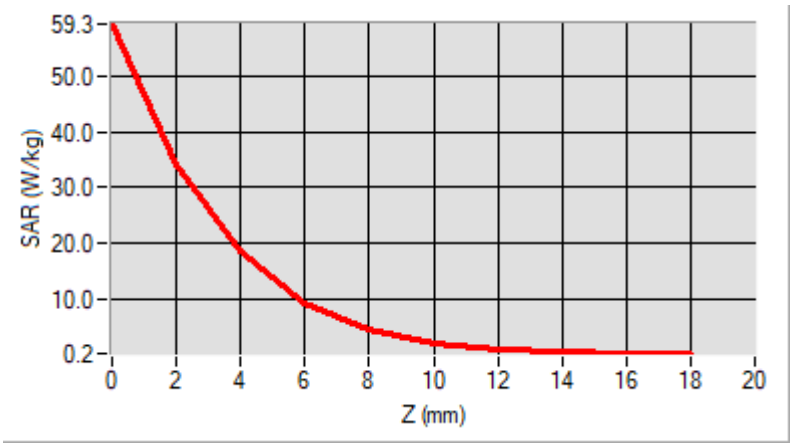
Maximum location: X=6.00, Y=0.00

D. SAR 1g & 10g

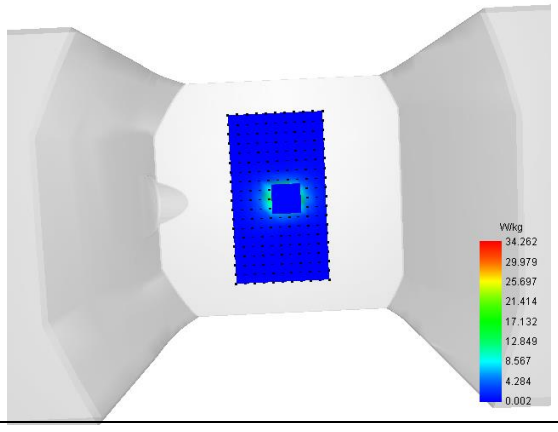
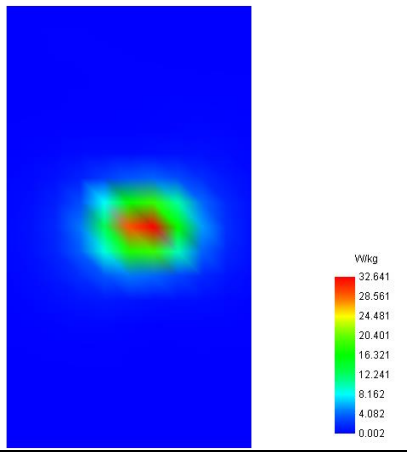
SAR 10g (W/Kg)	**5.385932**
SAR 1g (W/Kg)	**18.087402**

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	59.3203	34.2617	18.4347	9.2545	4.4822	2.1439	1.0586	0.5728	0.3524



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 10

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-11-11
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

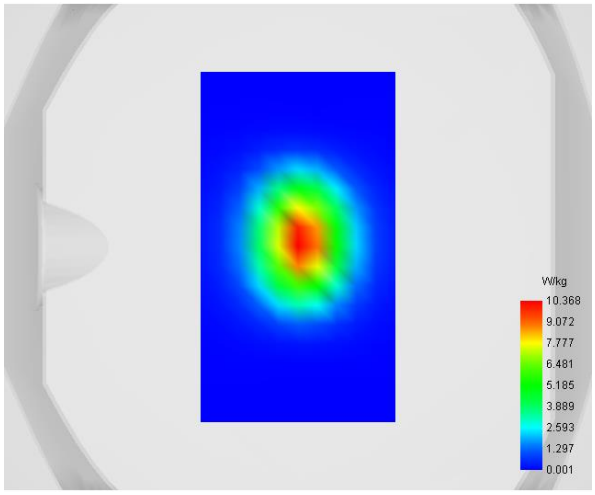
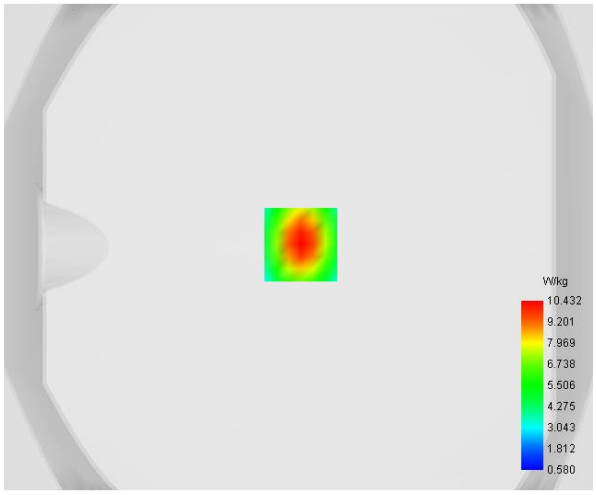
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	39.622574
Conductivity (S/m)	1.383135
Power Variation (%)	-1.224700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

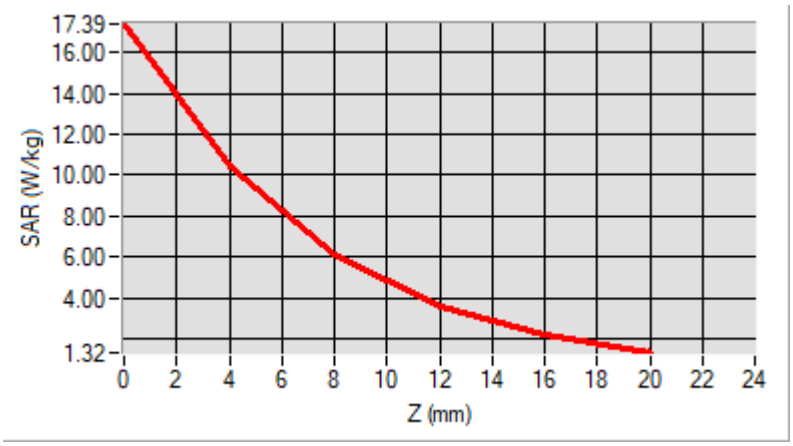
Maximum location: X=1.00, Y=1.00

D. SAR 1g & 10g

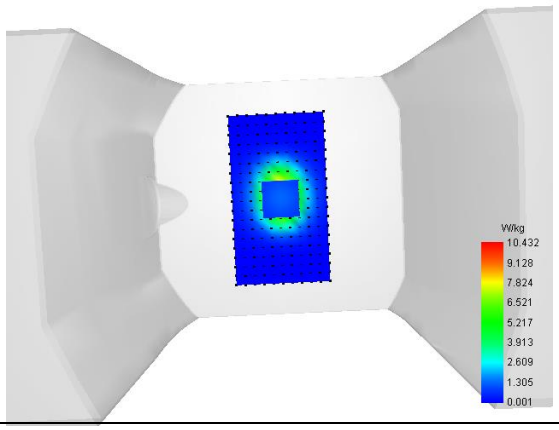
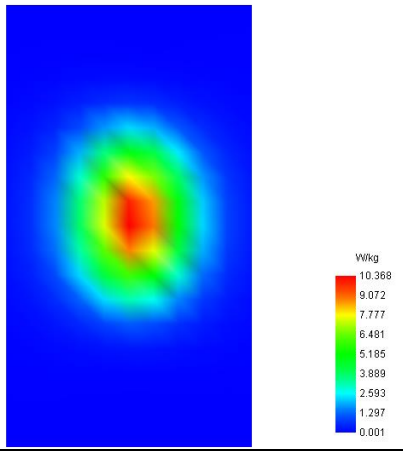
SAR 10g (W/Kg)	**4.968858**
SAR 1g (W/Kg)	**9.623880**

E. Z Axis Scan

Z (mm)	**0.00**	**4.00**	**8.00**	**12.00**	**16.00**
SAR (W/Kg)	**17.3936**	**10.4322**	**6.1187**	**3.6132**	**2.2066**



F. 3D Image

3D screen shot	**Hot spot position**
	

MEASUREMENT 11

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-11-14
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2023-07-07

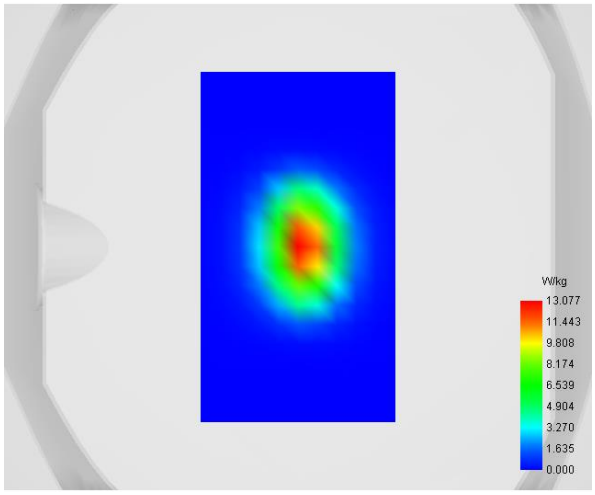
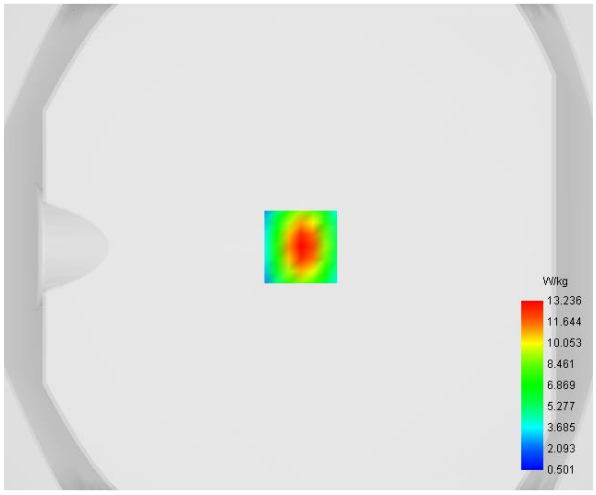
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative Permittivity (real part)	40.4922289
Conductivity (S/m)	1.751828
Power Variation (%)	1.475200
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

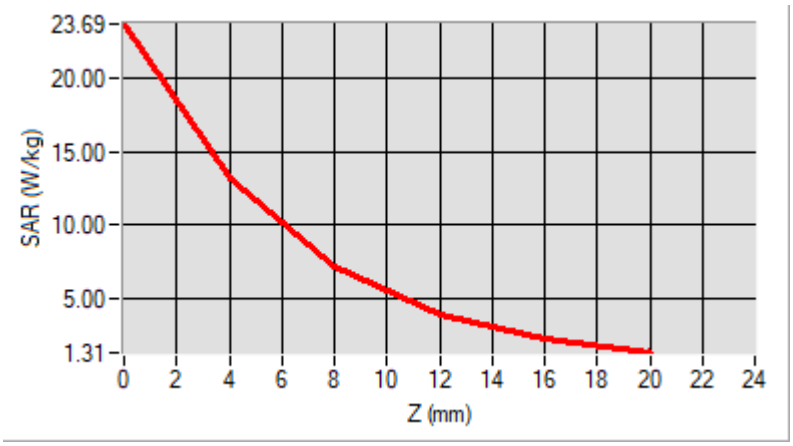
Maximum location: X=1.00, Y=0.00

D. SAR 1g & 10g

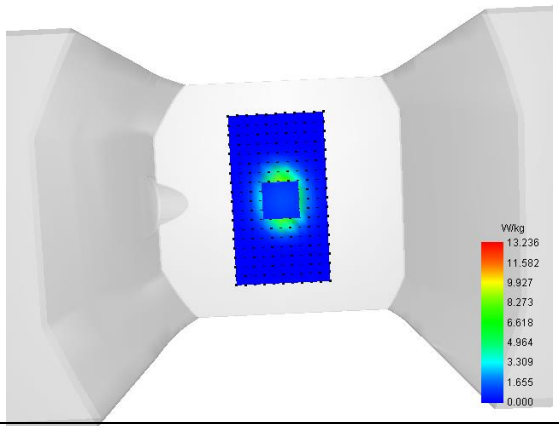
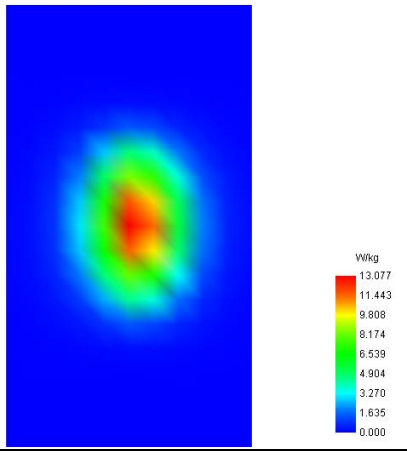
SAR 10g (W/Kg)	**5.846344**
SAR 1g (W/Kg)	**12.126085**

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	23.6924	13.2363	7.1523	3.9032	2.2625



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 12

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-11-15
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

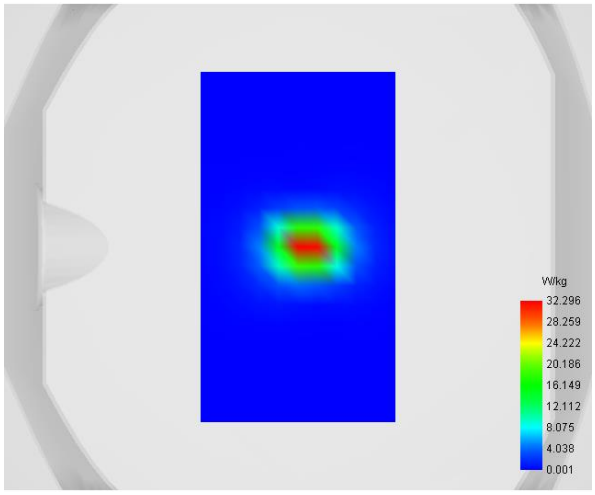
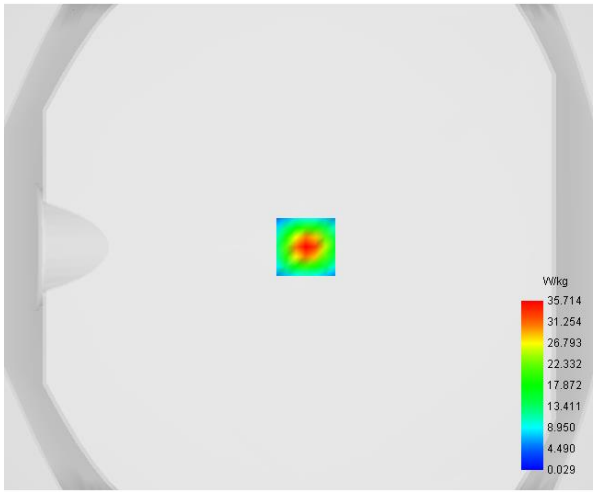
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative Permittivity (real part)	37.343547
Conductivity (S/m)	4.615614
Power Variation (%)	2.348510
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

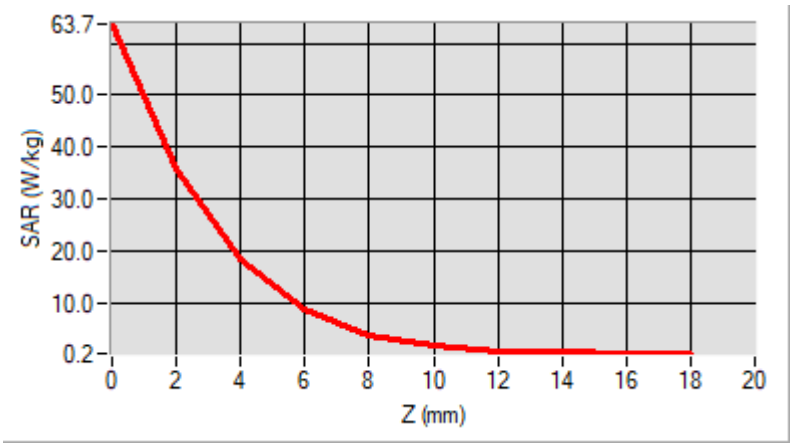
Maximum location: X=3.00, Y=0.00

D. SAR 1g & 10g

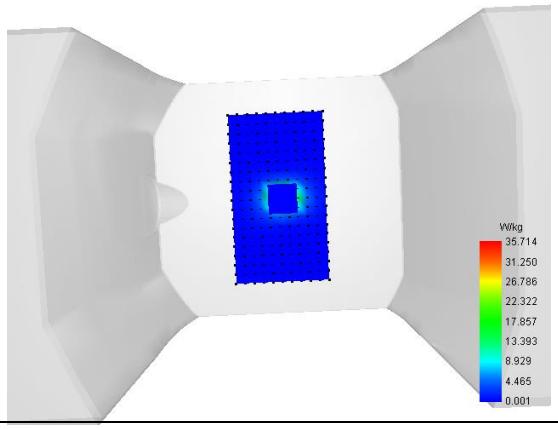
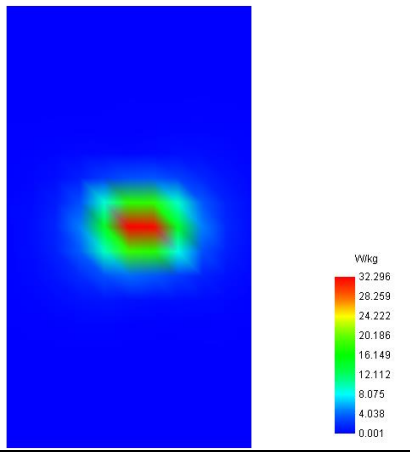
SAR 10g (W/Kg)	**5.214336**
SAR 1g (W/Kg)	**18.566732**

E. Z Axis Scan

Z (mm)	**0.00**	**2.00**	**4.00**	**6.00**	**8.00**	**10.00**	**12.00**	**14.00**	**16.00**
SAR (W/Kg)	**63.6940**	**35.7143**	**18.3619**	**8.6368**	**3.8326**	**1.6405**	**0.7180**	**0.3557**	**0.2183**



F. 3D Image

3D screen shot	**Hot spot position**
	

Annex B. Plots of SAR Measurement

MEASUREMENT 1

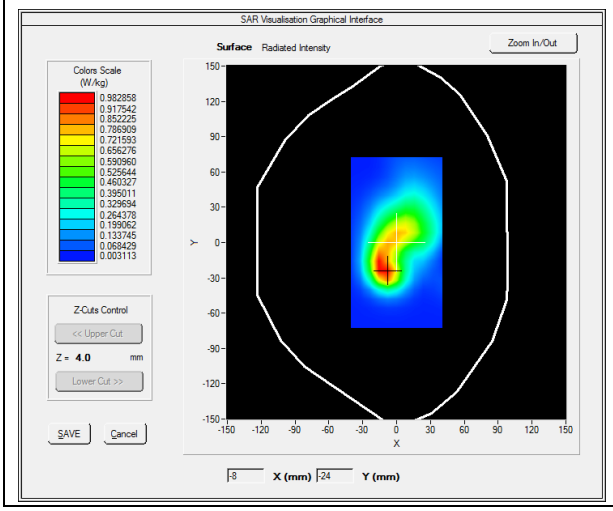
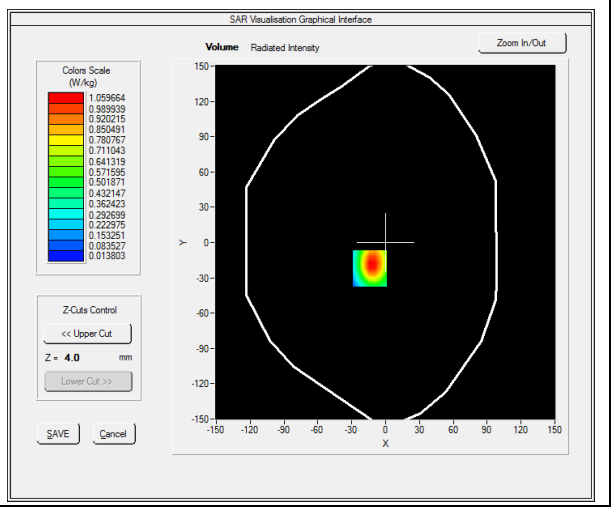
Type: Phone measurement (Complete)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	WCDMA1900_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1852.400000
Relative Permittivity (real part)	39.551249
Conductivity (S/m)	1.363607
Power Variation (%)	0.827100
Ambient Temperature	22.2
Liquid Temperature	22.2

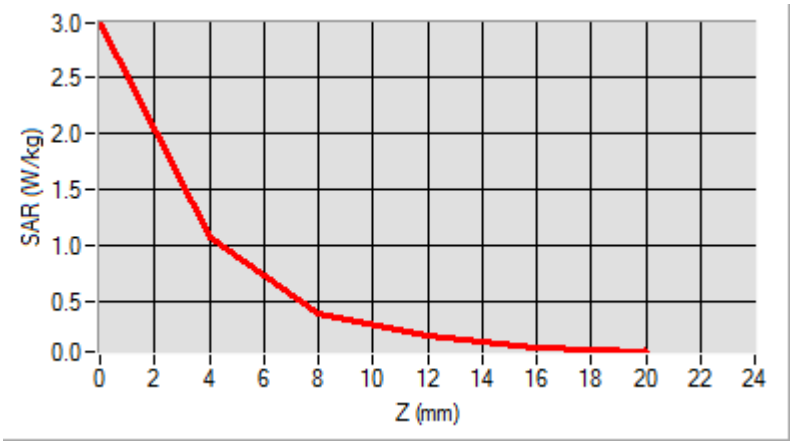
SURFACE SAR	VOLUME SAR
	

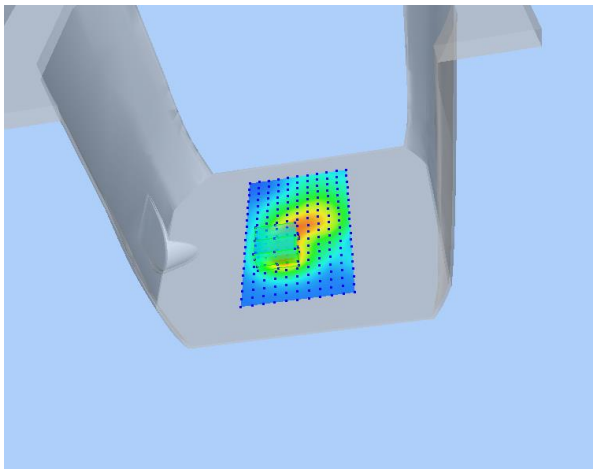
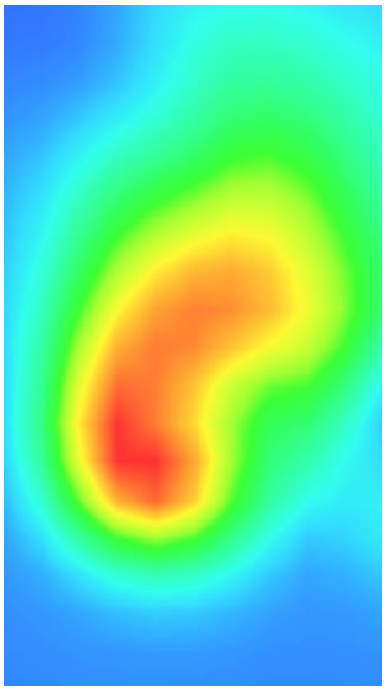
Maximum location: X=-14.00, Y=-22.00

SAR Peak: 2.31 W/kg

SAR 10g (W/Kg)	0.454450
SAR 1g (W/Kg)	1.029475

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	2.9807	1.0597	0.3913	0.1938	0.0772



3D screen shot	Hot spot position
	

MEASUREMENT 2

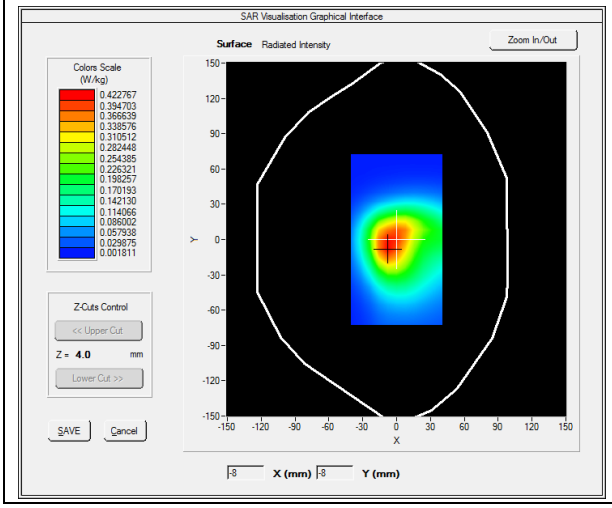
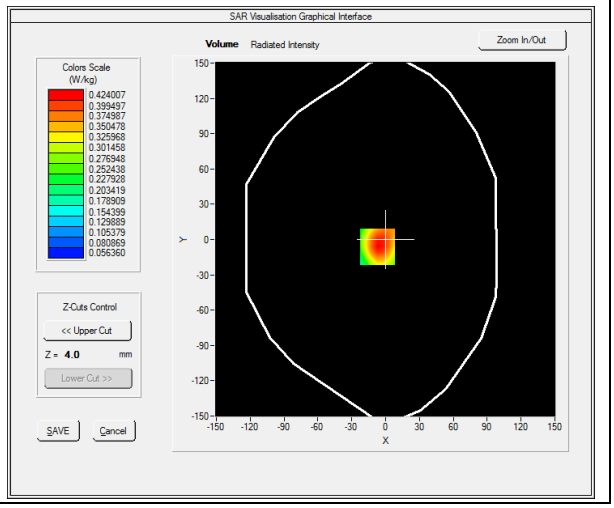
Type: Phone measurement (Complete)
Date of measurement: 2023-06-24
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	WCDMA850_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	826.4000000
Relative Permittivity (real part)	42.272275
Conductivity (S/m)	0.872987
Power Variation (%)	-1.247100
Ambient Temperature	22.5
Liquid Temperature	22.5

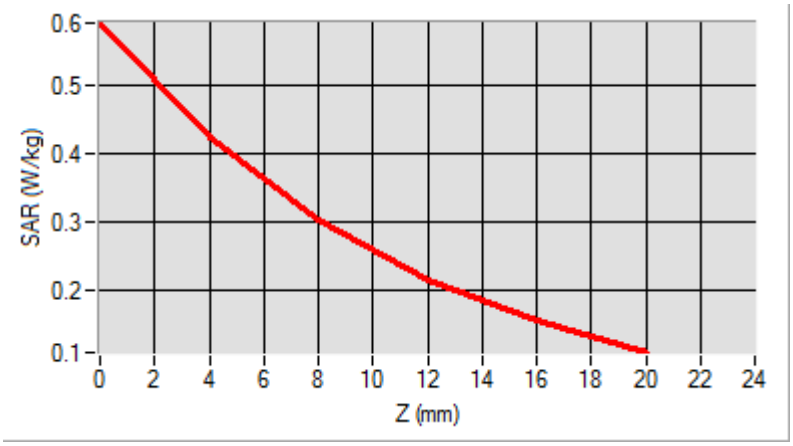
SURFACE SAR	VOLUME SAR
	

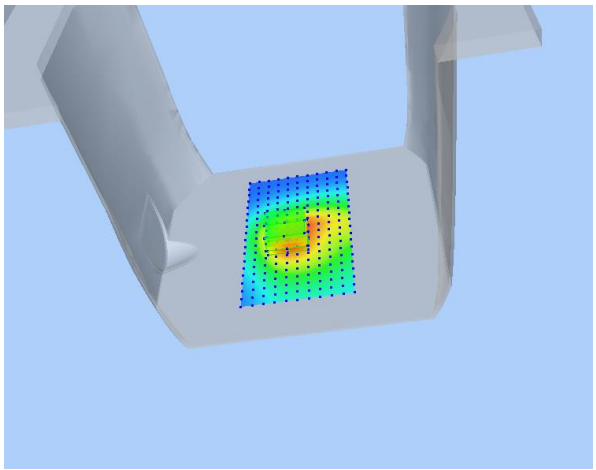
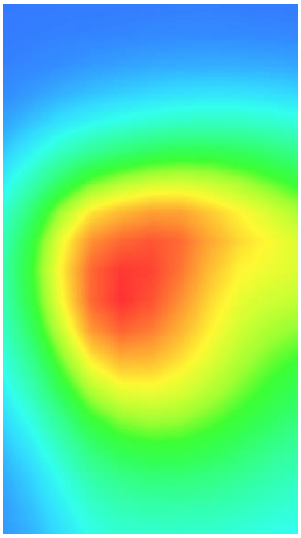
Maximum location: X=-7.00, Y=-6.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.253452
SAR 1g (W/Kg)	0.402815

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5910	0.4240	0.3024	0.2163	0.1556



3D screen shot	Hot spot position
	

MEASUREMENT 3

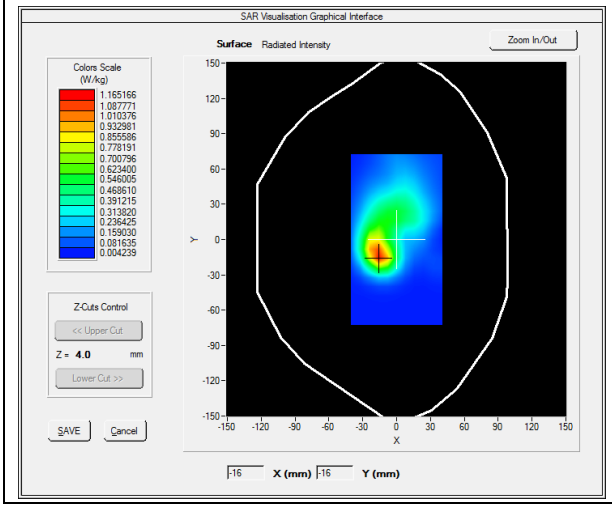
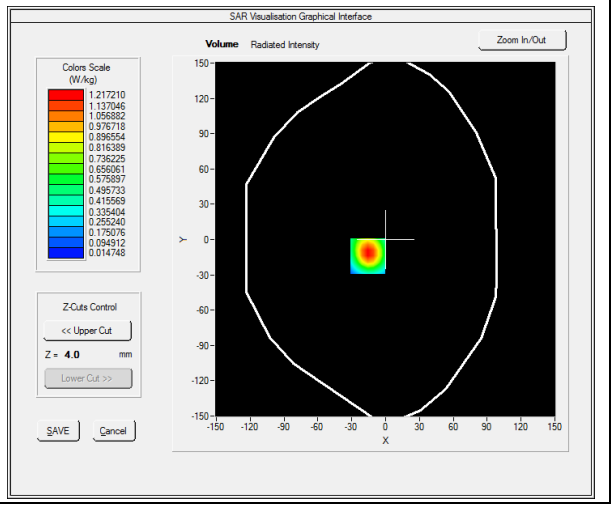
Type: Phone measurement (Complete)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1860.000000
Relative Permittivity (real part)	39.551249
Conductivity (S/m)	1.361369
Power Variation (%)	-1.344700
Ambient Temperature	22.2
Liquid Temperature	22.2

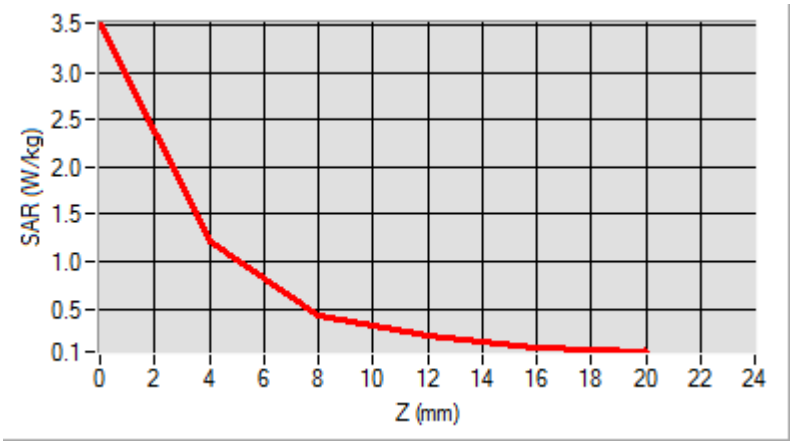
SURFACE SAR	VOLUME SAR
	

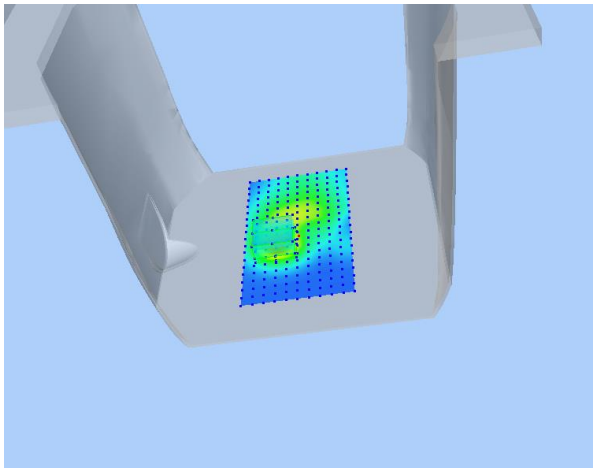
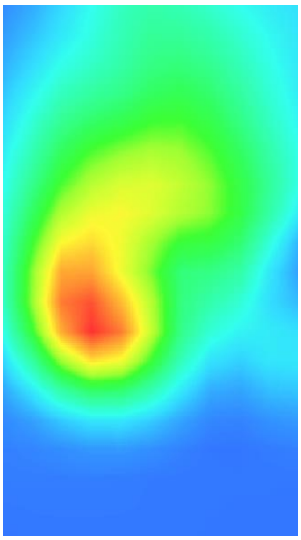
Maximum location: X=-16.00, Y=-14.00

SAR Peak: 2.62 W/kg

SAR 10g (W/Kg)	0.495082
SAR 1g (W/Kg)	1.055084

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	3.5209	1.2172	0.4415	0.2250	0.0900



3D screen shot	Hot spot position
	

MEASUREMENT 4

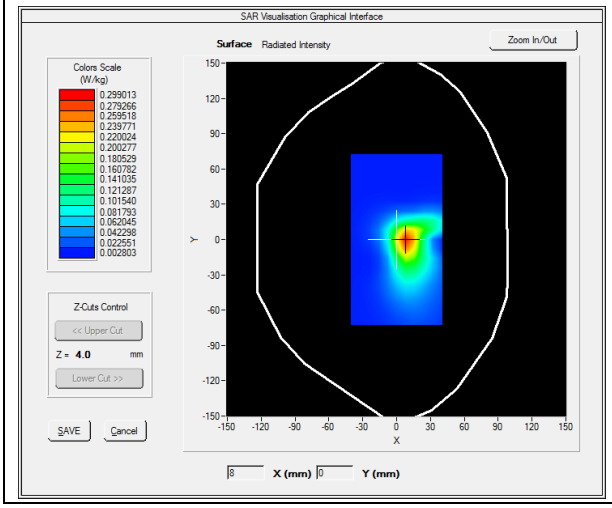
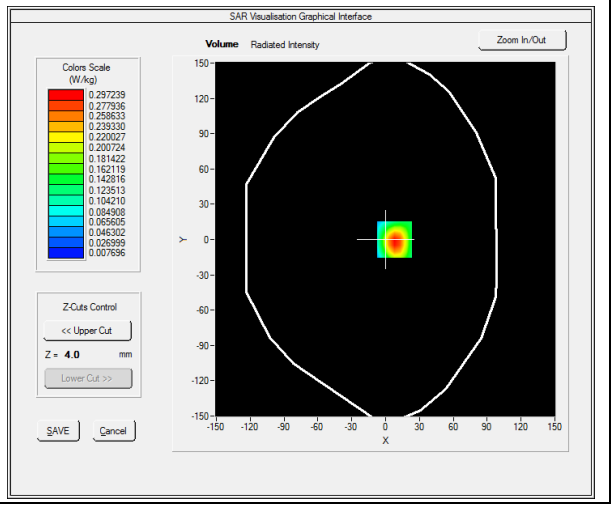
Type: Phone measurement (Complete)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 4
Channels	QPSK 20MHz 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1732.500000
Relative Permittivity (real part)	39.532275
Conductivity (S/m)	1.381498
Power Variation (%)	1.084700
Ambient Temperature	22.2
Liquid Temperature	22.2

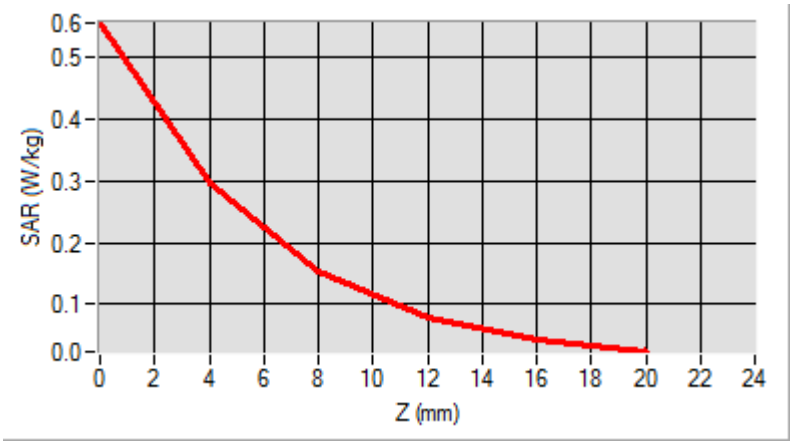
SURFACE SAR	VOLUME SAR
	

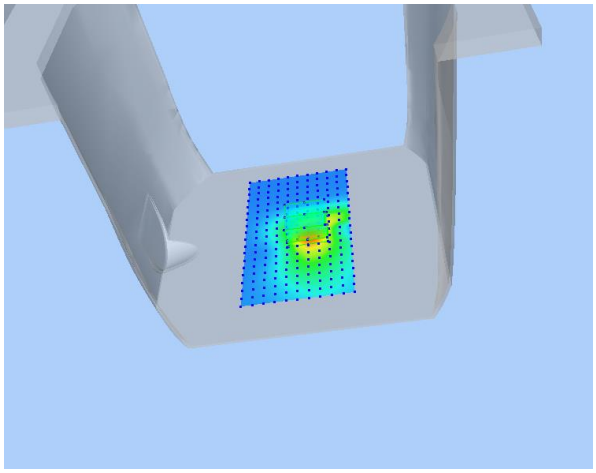
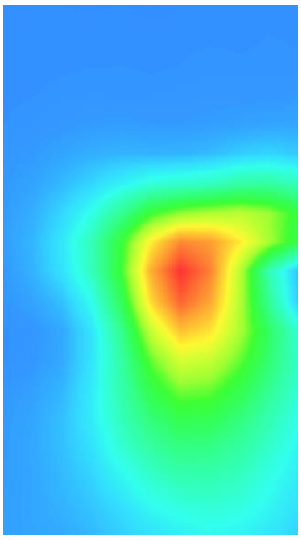
Maximum location: X=8.00, Y=0.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.126685
SAR 1g (W/Kg)	0.274768

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5565	0.2972	0.1515	0.0773	0.0421



3D screen shot	Hot spot position
	

MEASUREMENT 5

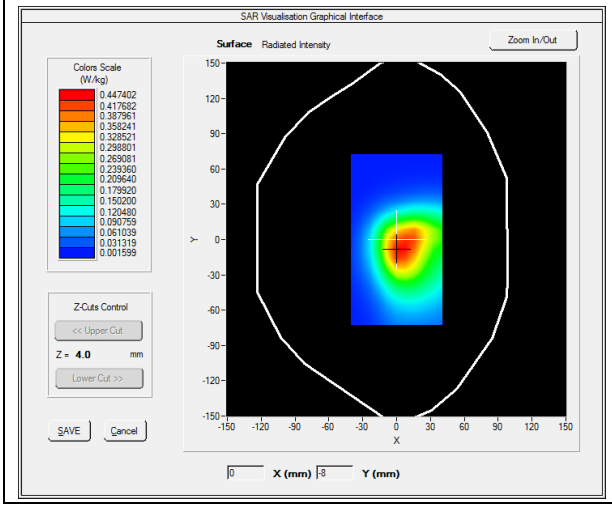
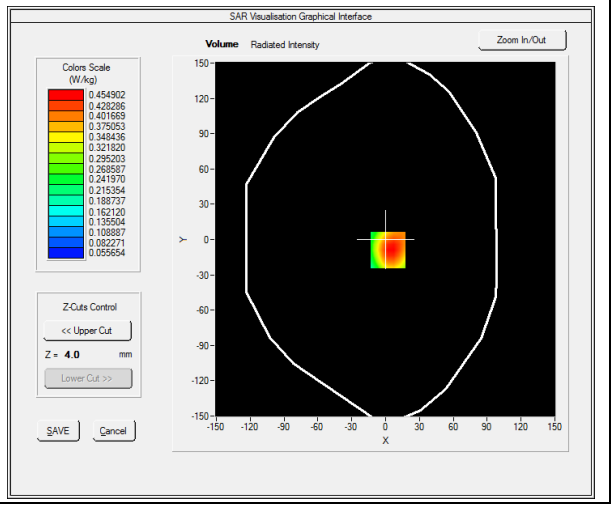
Type: Phone measurement (Complete)
Date of measurement: 2023-06-24
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative Permittivity (real part)	42.262455
Conductivity (S/m)	0.871245
Power Variation (%)	-0.872800
Ambient Temperature	22.5
Liquid Temperature	22.5

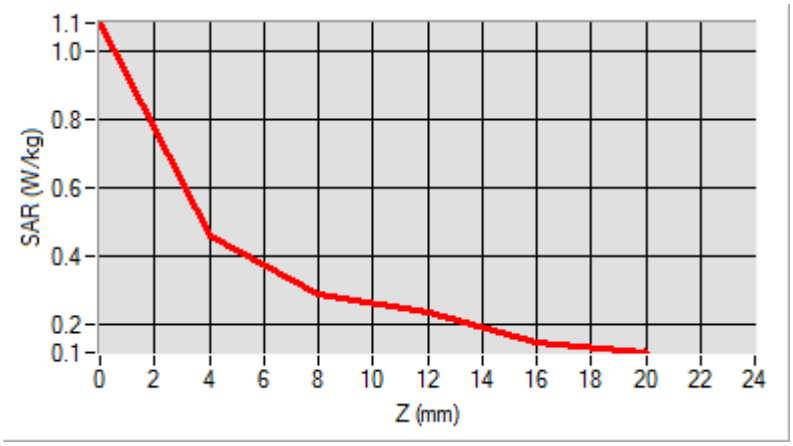
SURFACE SAR	VOLUME SAR
	

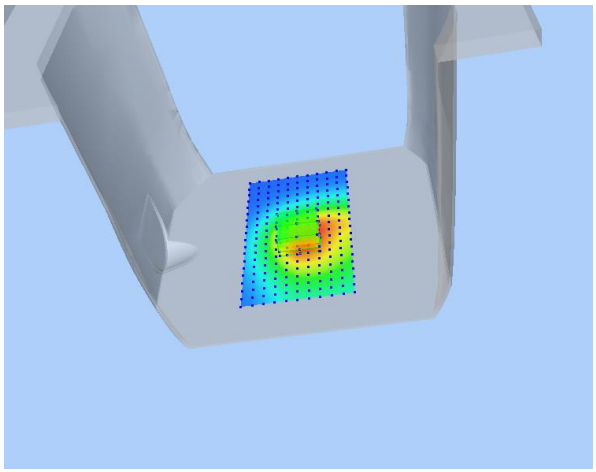
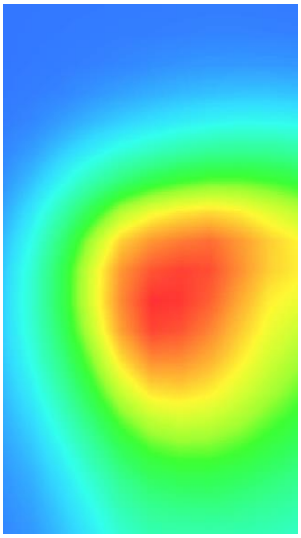
Maximum location: X=2.00, Y=-9.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.271291
SAR 1g (W/Kg)	0.433196

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0823	0.4549	0.2879	0.2302	0.1462



3D screen shot	Hot spot position
	

MEASUREMENT 6

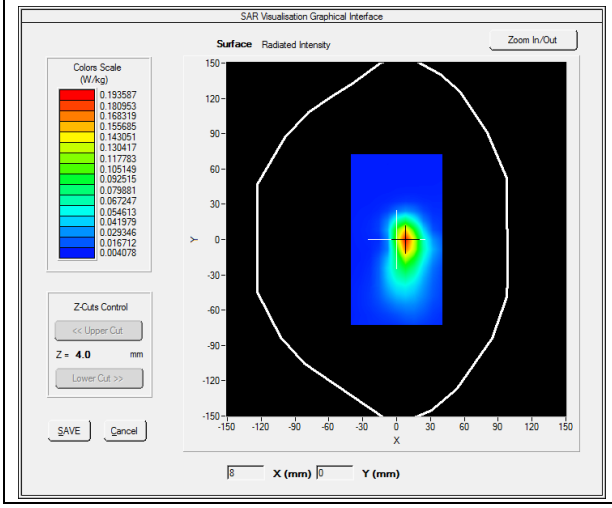
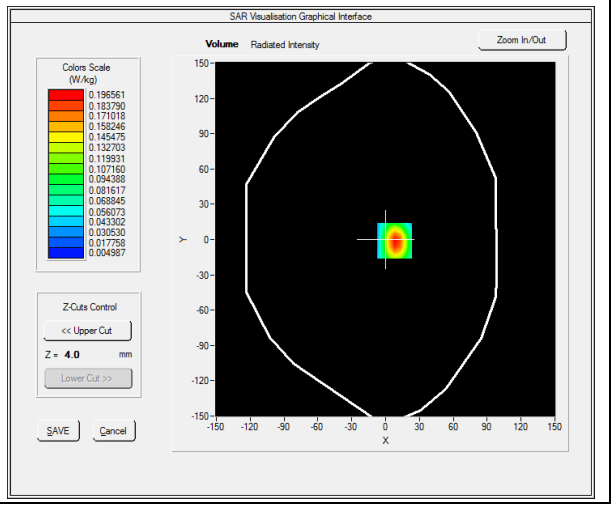
Type: Phone measurement (Complete)
Date of measurement: 2023-06-30
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 7
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2560.000000
Relative Permittivity (real part)	38.881667
Conductivity (S/m)	1.921825
Power Variation (%)	-1.718400
Ambient Temperature	22.1
Liquid Temperature	22.1

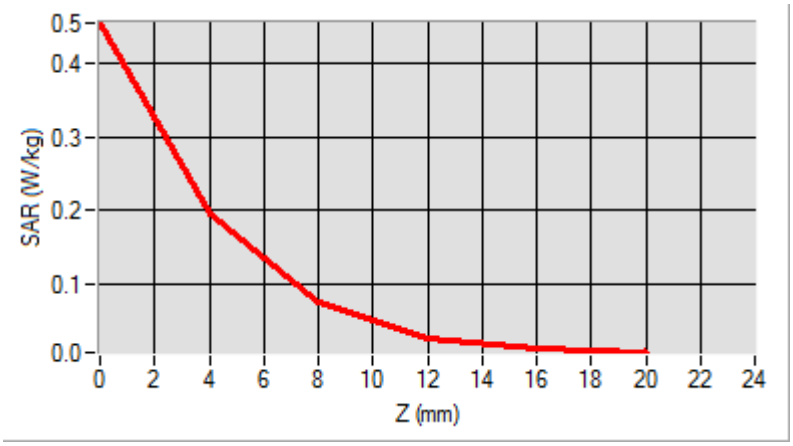
SURFACE SAR	VOLUME SAR
	

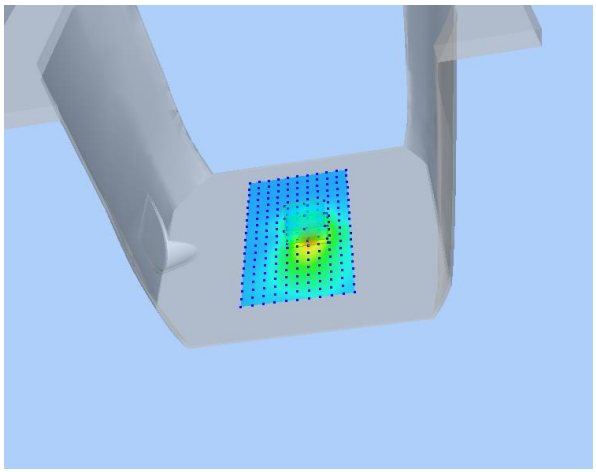
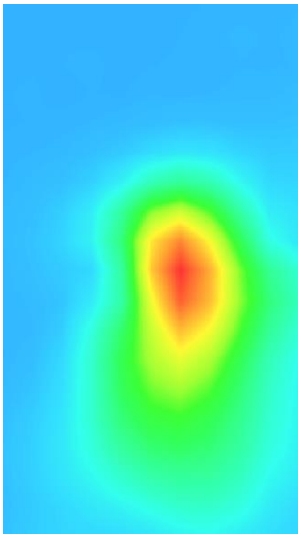
Maximum location: X=8.00, Y=-1.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.076794
SAR 1g (W/Kg)	0.185991

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4539	0.1966	0.0752	0.0282	0.0133



3D screen shot	Hot spot position
	

MEASUREMENT 7

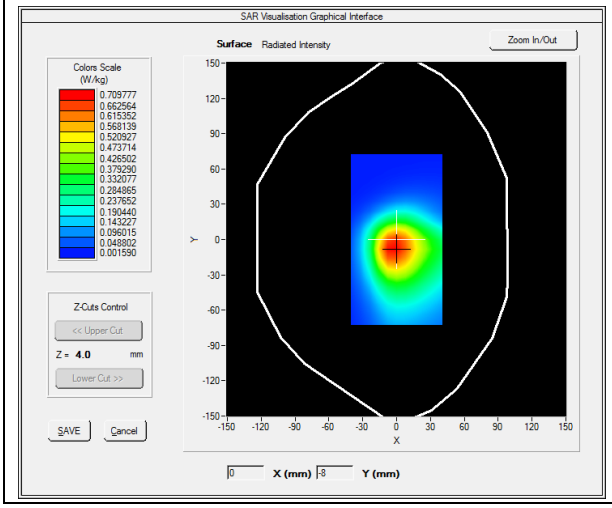
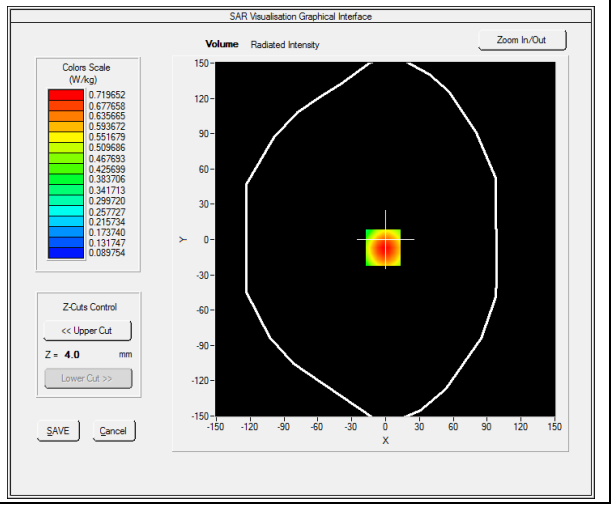
Type: Phone measurement (Complete)
Date of measurement: 2023-06-24
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.66; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 12
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	42.271941
Conductivity (S/m)	0.851023
Power Variation (%)	-0.915700
Ambient Temperature	22.5
Liquid Temperature	22.5

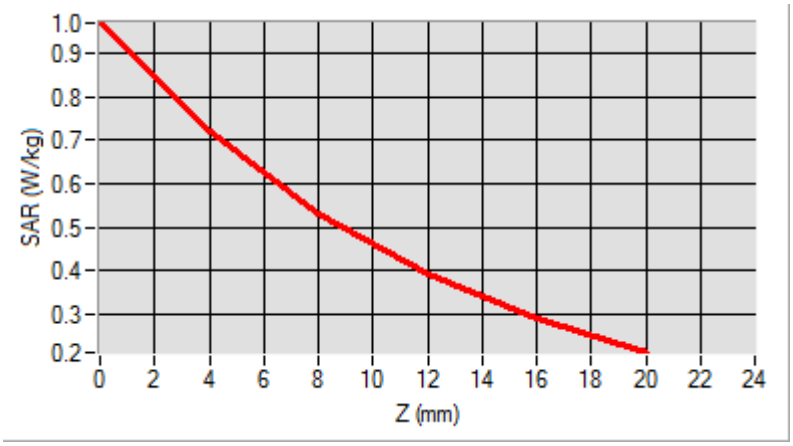
SURFACE SAR	VOLUME SAR
	

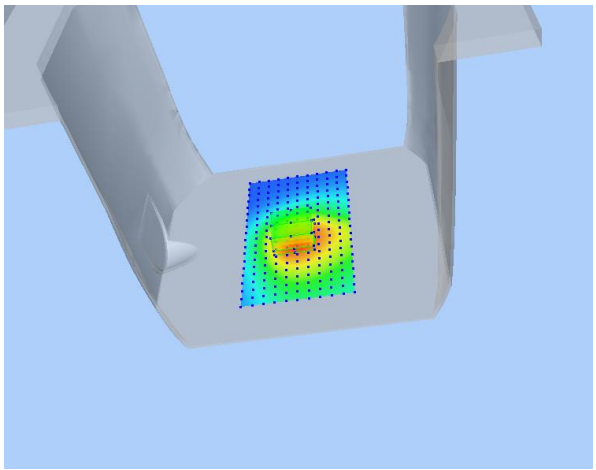
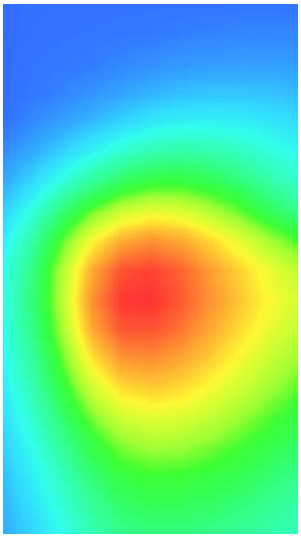
Maximum location: X=-2.00, Y=-7.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.453194
SAR 1g (W/Kg)	0.693360

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9713	0.7197	0.5305	0.3917	0.2898



3D screen shot	Hot spot position
	

MEASUREMENT 8

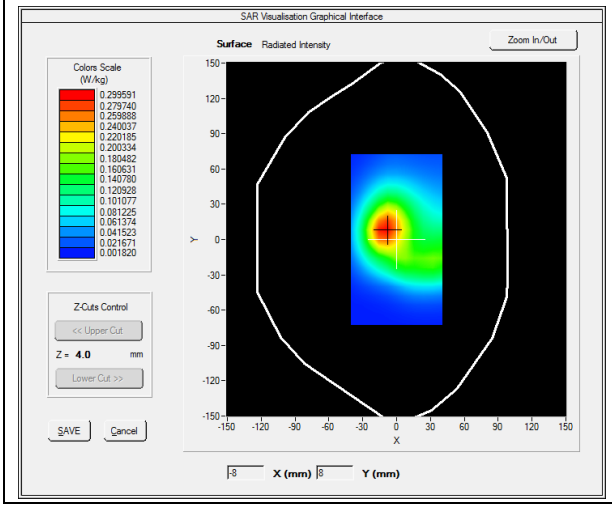
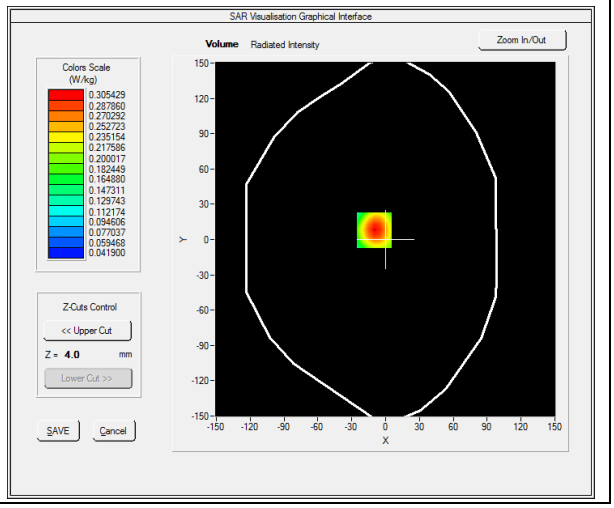
Type: Phone measurement (Complete)
Date of measurement: 2023-06-24
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.66; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 13
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	42.291457
Conductivity (S/m)	0.862447
Power Variation (%)	0.365700
Ambient Temperature	22.5
Liquid Temperature	22.5

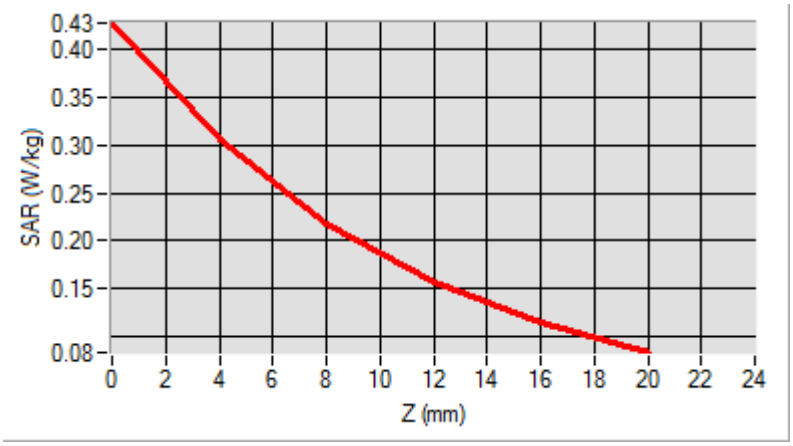
SURFACE SAR	VOLUME SAR
	

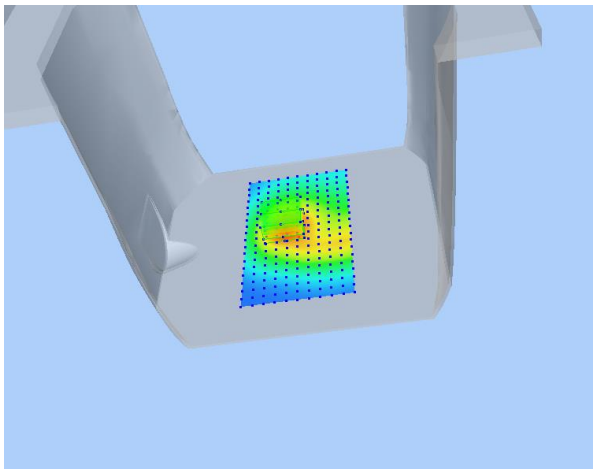
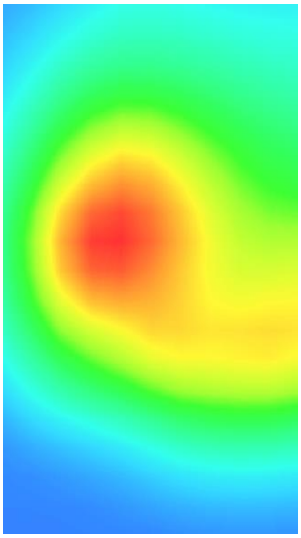
Maximum location: X=-10.00, Y=8.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.182367
SAR 1g (W/Kg)	0.291721

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4284	0.3054	0.2174	0.1565	0.1145



3D screen shot	Hot spot position
	

MEASUREMENT 9

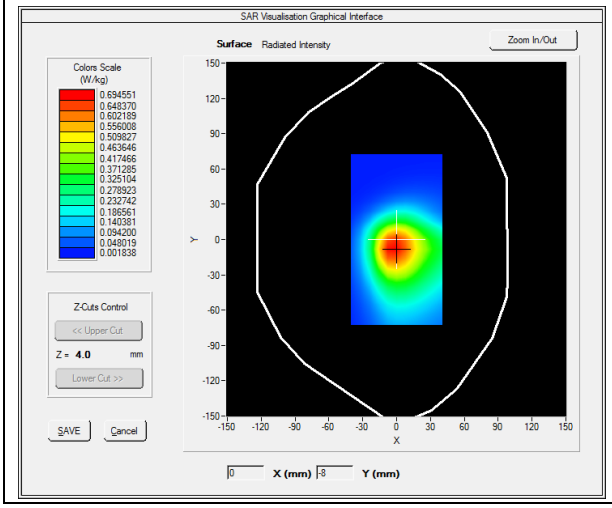
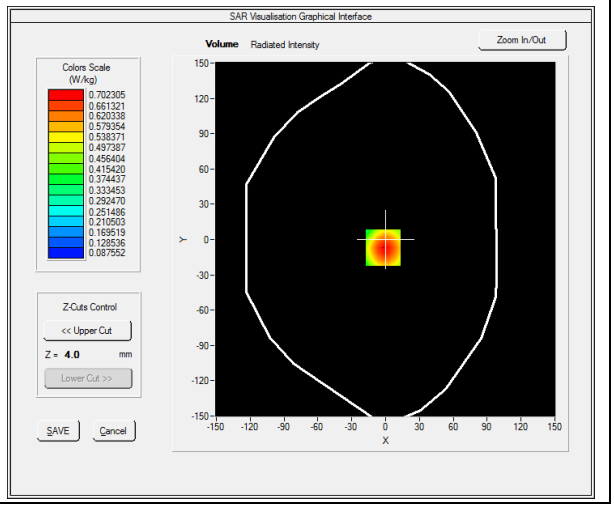
Type: Phone measurement (Complete)
Date of measurement: 2023-06-24
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.66; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	42.271634
Conductivity (S/m)	0.853645
Power Variation (%)	-1.651700
Ambient Temperature	22.5
Liquid Temperature	22.5

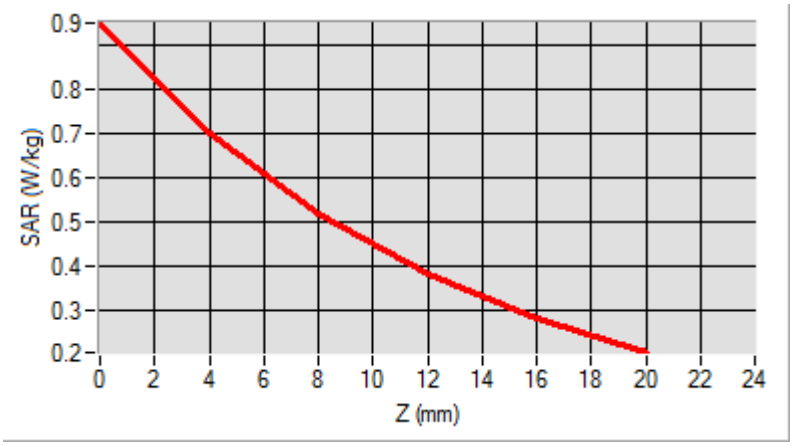
SURFACE SAR	VOLUME SAR
	

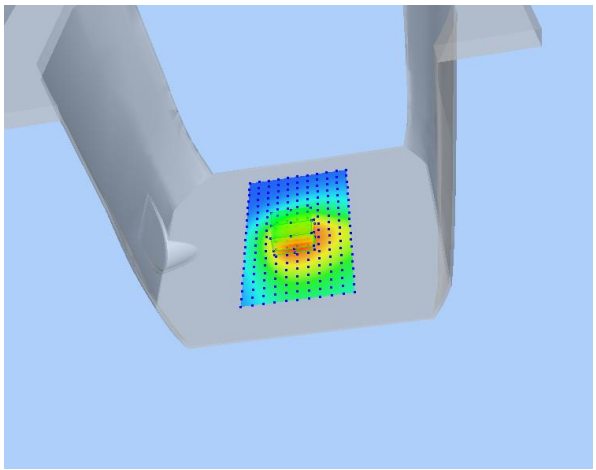
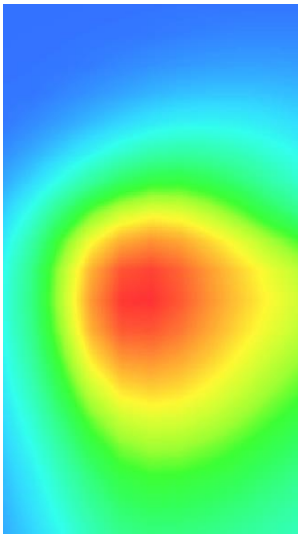
Maximum location: X=-2.00, Y=-7.00

SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.442829
SAR 1g (W/Kg)	0.677078

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9499	0.7023	0.5169	0.3814	0.2825



3D screen shot	Hot spot position
	

MEASUREMENT 10

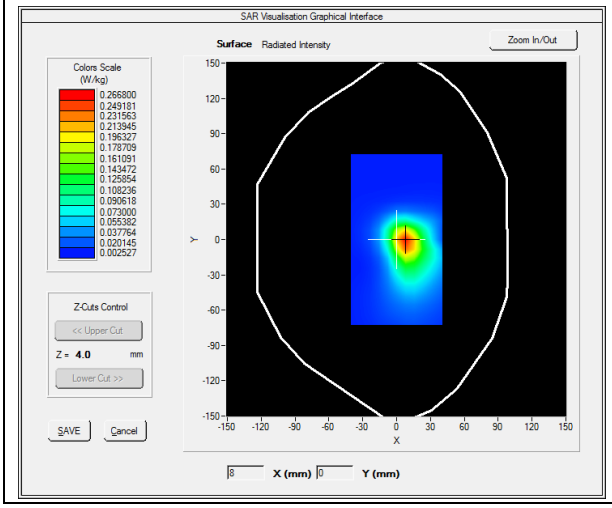
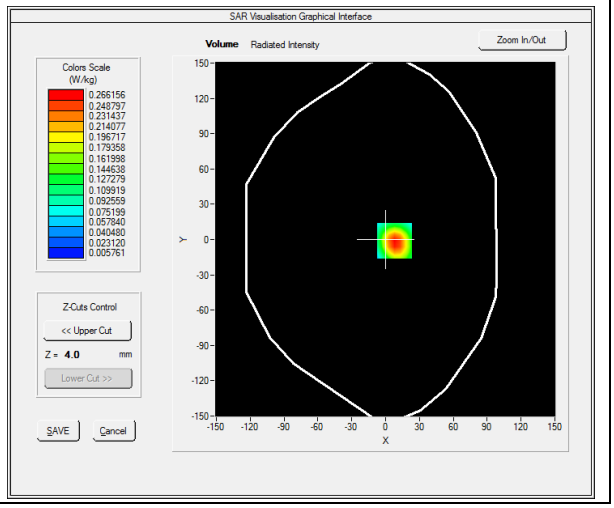
Type: Phone measurement (Complete)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 25
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1905.000000
Relative Permittivity (real part)	39.522631
Conductivity (S/m)	1.373625
Power Variation (%)	1.861800
Ambient Temperature	22.2
Liquid Temperature	22.2

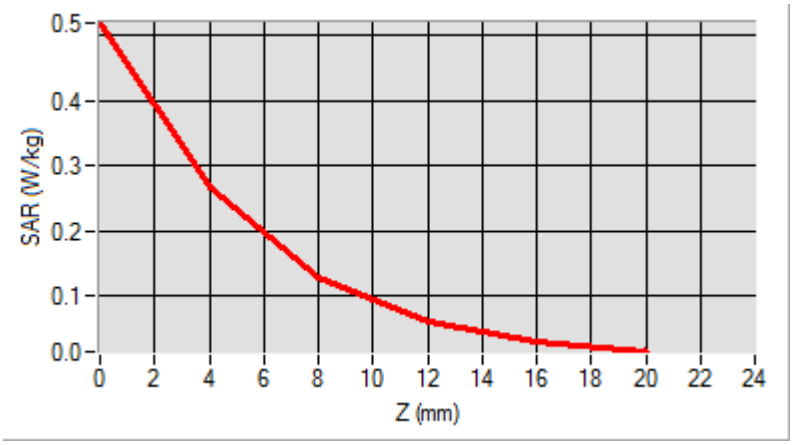
SURFACE SAR	VOLUME SAR
	

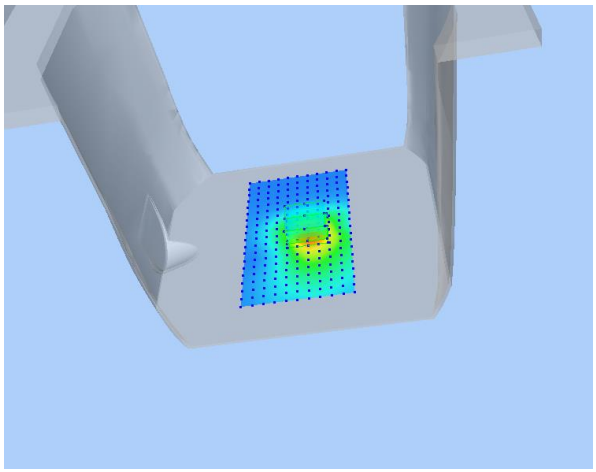
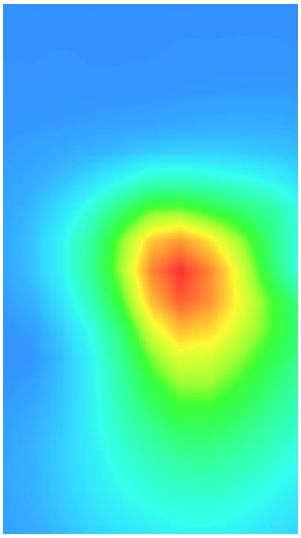
Maximum location: X=8.00, Y=-1.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.112918
SAR 1g (W/Kg)	0.247528

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5184	0.2662	0.1285	0.0613	0.0311



3D screen shot	Hot spot position
	

MEASUREMENT 11

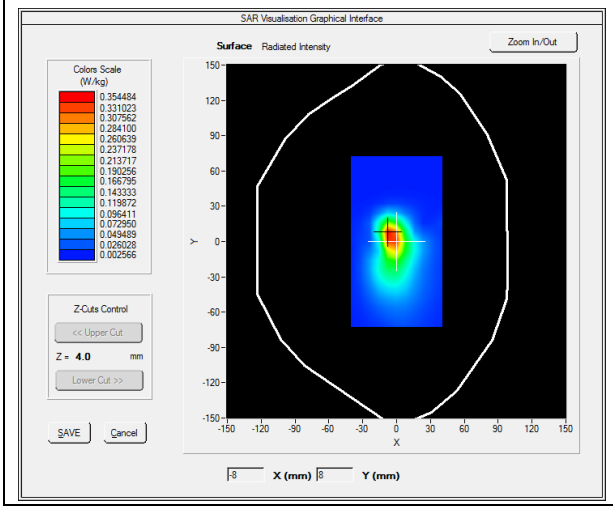
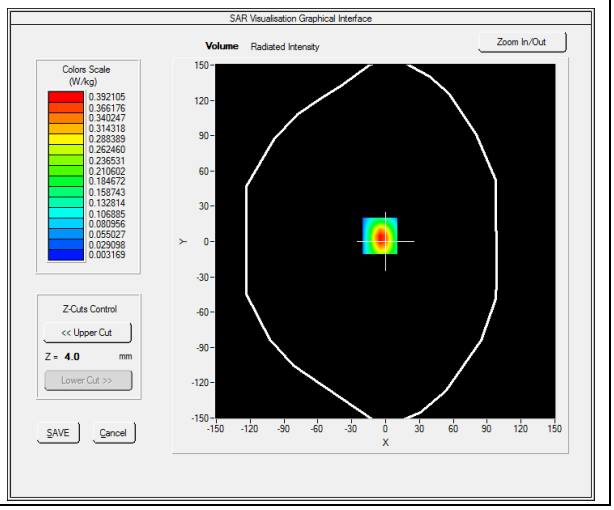
Type: Phone measurement (Complete)
Date of measurement: 2023-06-30
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 38
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2595.000000
Relative Permittivity (real part)	38.870866
Conductivity (S/m)	1.933696
Power Variation (%)	-1.055800
Ambient Temperature	22.1
Liquid Temperature	22.1

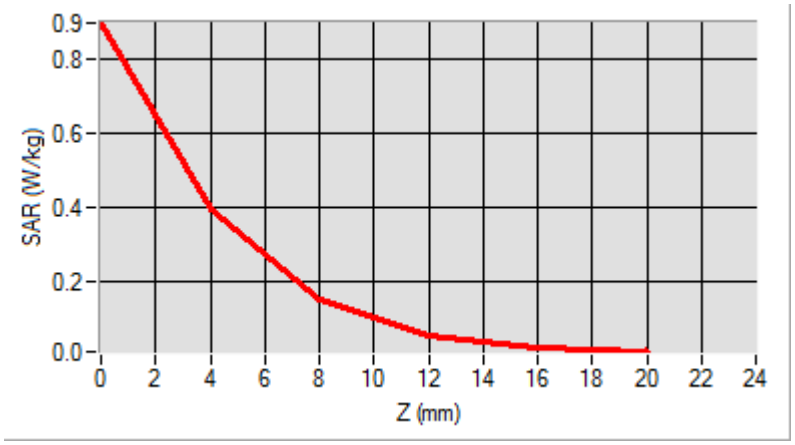
SURFACE SAR	VOLUME SAR
	

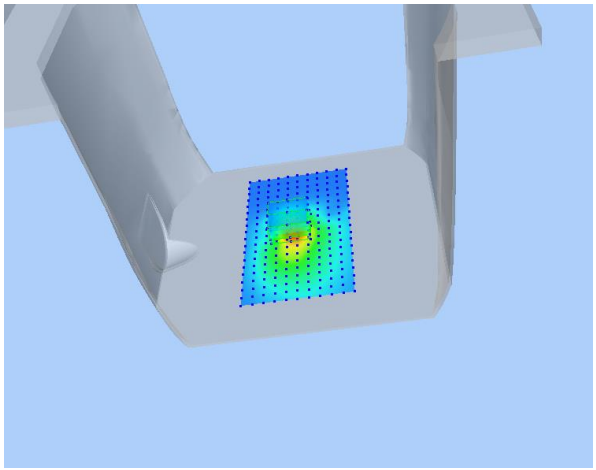
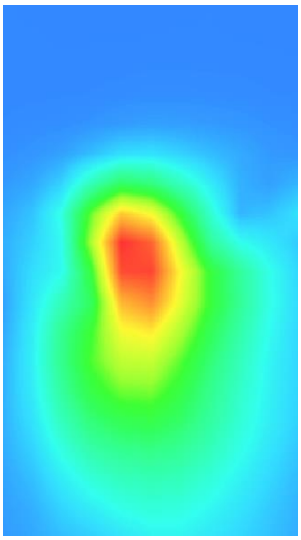
Maximum location: X=-5.00, Y=5.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.149034
SAR 1g (W/Kg)	0.379439

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8944	0.3921	0.1511	0.0547	0.0225



3D screen shot	Hot spot position
	

MEASUREMENT 12

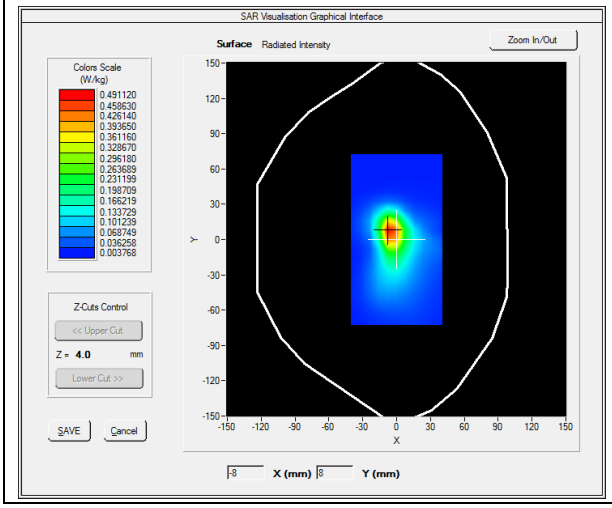
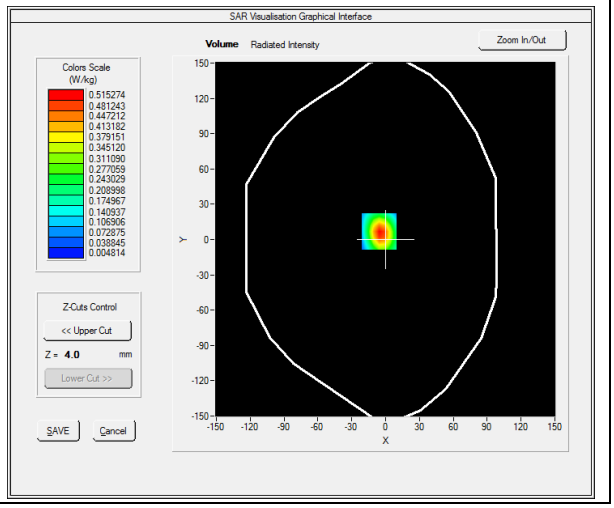
Type: Phone measurement (Complete)
Date of measurement: 2023-06-27
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.34; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 40(2305-2315MHz)
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2310.000000
Relative Permittivity (real part)	51.260866
Conductivity (S/m)	1.782696
Power Variation (%)	-1.055800
Ambient Temperature	22.2
Liquid Temperature	22.2

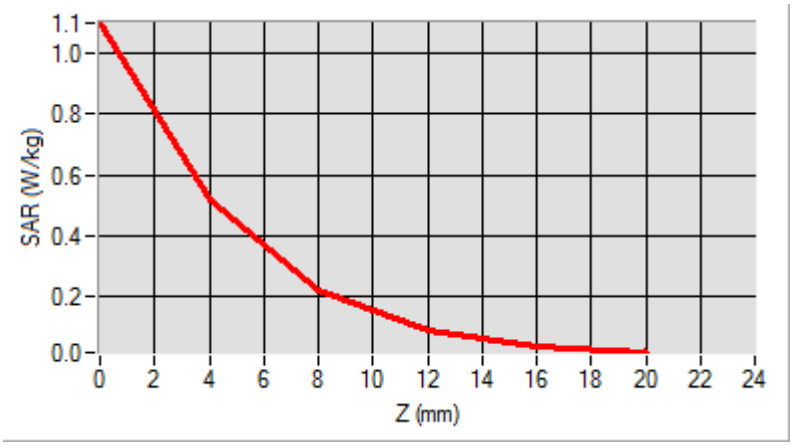
SURFACE SAR	VOLUME SAR
	

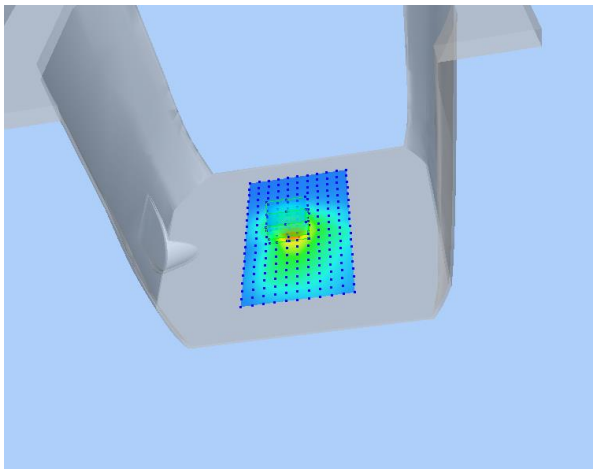
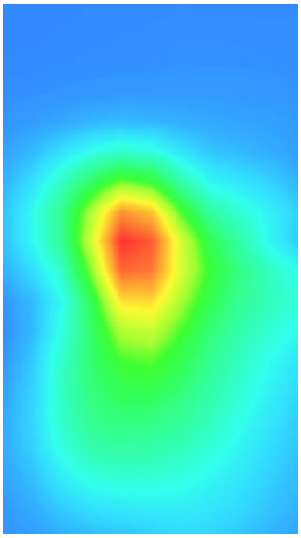
Maximum location: X=-6.00, Y=7.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.198429
SAR 1g (W/Kg)	0.479675

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0977	0.5153	0.2194	0.0896	0.0397



3D screen shot	Hot spot position
	

MEASUREMENT 13

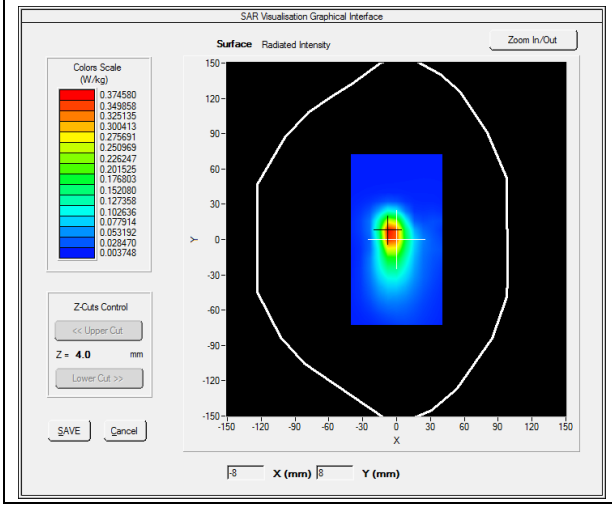
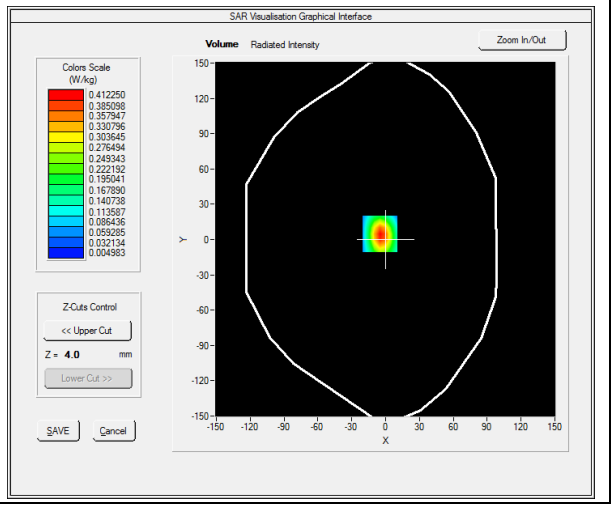
Type: Phone measurement (Complete)
Date of measurement: 2023-06-27
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.34; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 40(2350-2360MHz)
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2355.000000
Relative Permittivity (real part)	51.273668
Conductivity (S/m)	1.781696
Power Variation (%)	1.055400
Ambient Temperature	22.2
Liquid Temperature	22.2

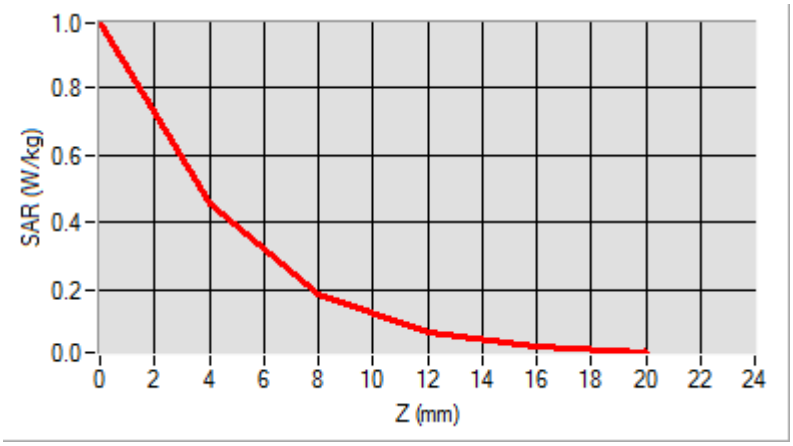
SURFACE SAR	VOLUME SAR
	

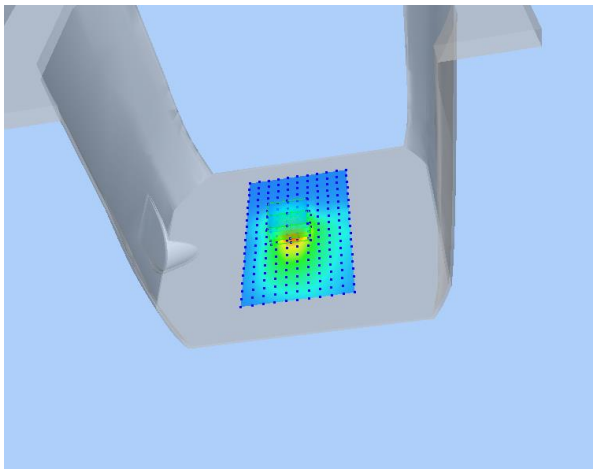
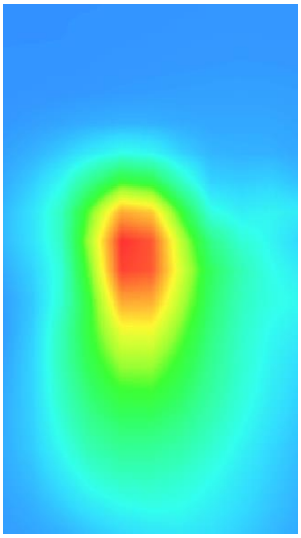
Maximum location: X=-6.00, Y=6.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.175519
SAR 1g (W/Kg)	0.426872

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9901	0.4574	0.1908	0.0766	0.0341



3D screen shot	Hot spot position
	

MEASUREMENT 14

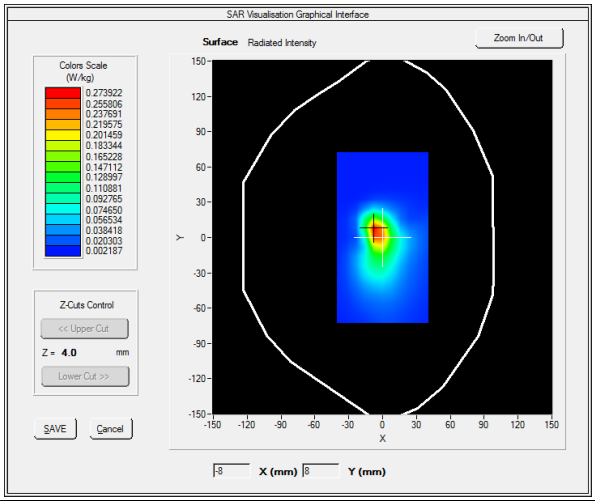
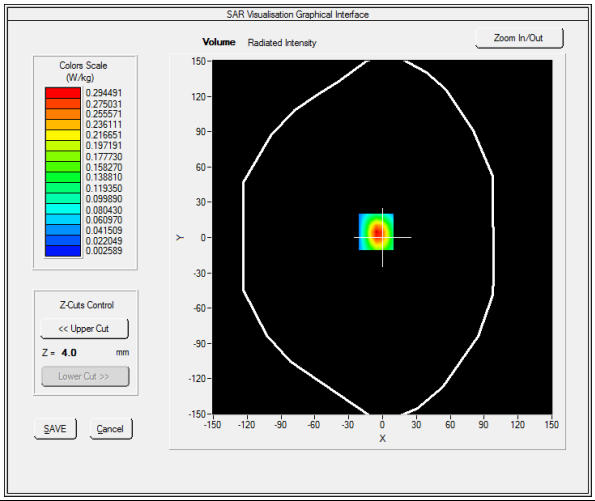
Type: Phone measurement (Complete)
Date of measurement: 2023-06-30
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 41
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2680.000000
Relative Permittivity (real part)	38.864519
Conductivity (S/m)	1.941687
Power Variation (%)	-1.058700
Ambient Temperature	22.1
Liquid Temperature	22.1

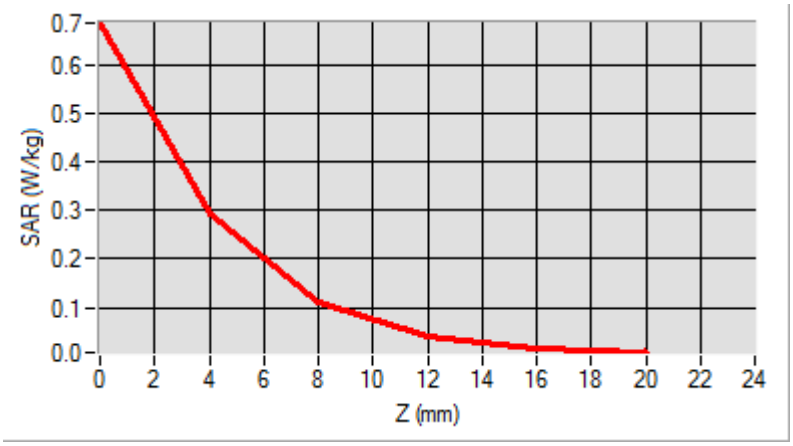
SURFACE SAR	VOLUME SAR
	

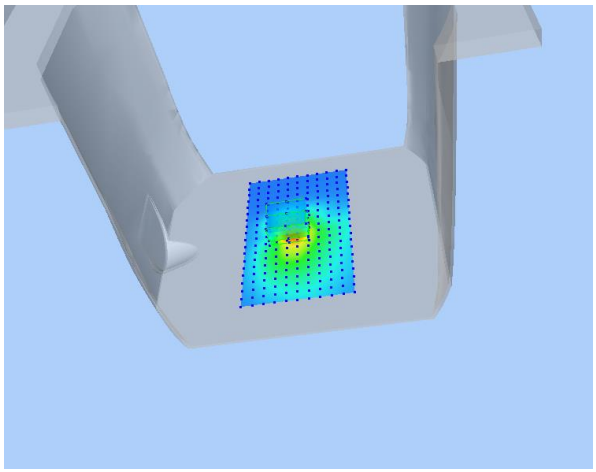
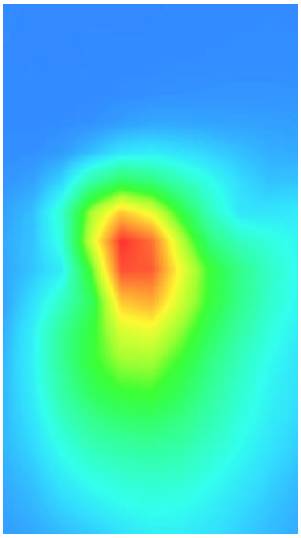
Maximum location: X=-6.00, Y=5.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.110040
SAR 1g (W/Kg)	0.279945

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6865	0.2945	0.1097	0.0379	0.0150



3D screen shot	Hot spot position
	

MEASUREMENT 15

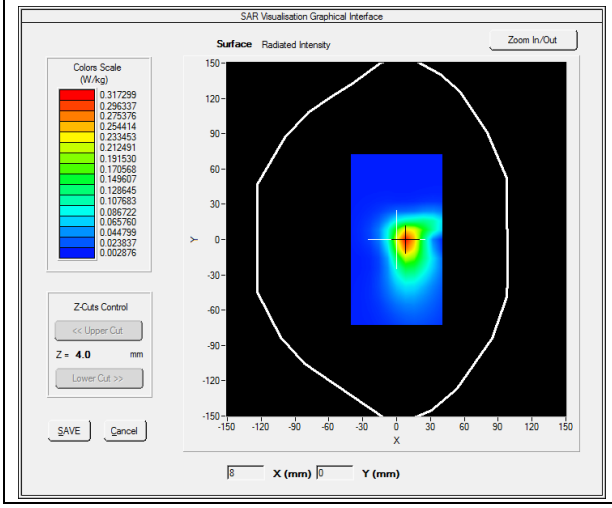
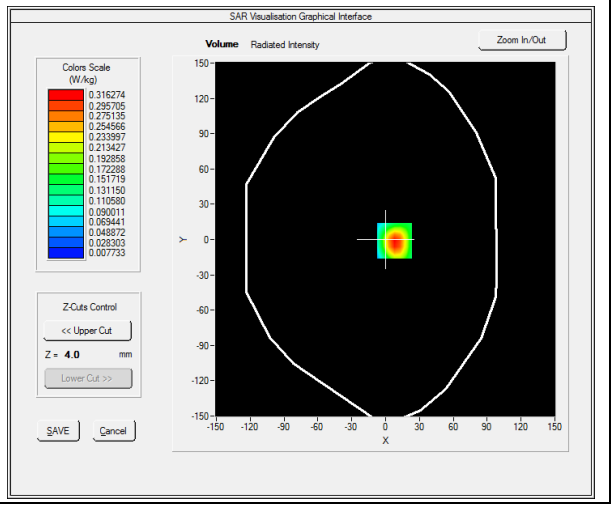
Type: Phone measurement (Complete)
Date of measurement: 2023-08-21
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 66
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1770.000000
Relative Permittivity (real part)	39.532890
Conductivity (S/m)	1.384508
Power Variation (%)	1.416400
Ambient Temperature	22.2
Liquid Temperature	22.2

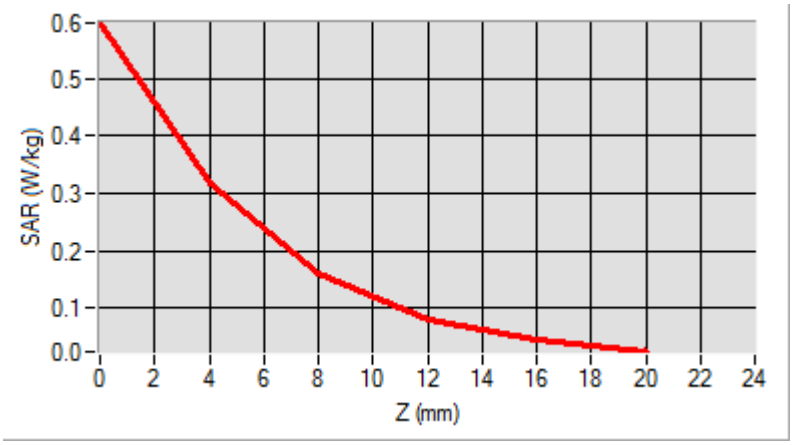
SURFACE SAR	VOLUME SAR
	

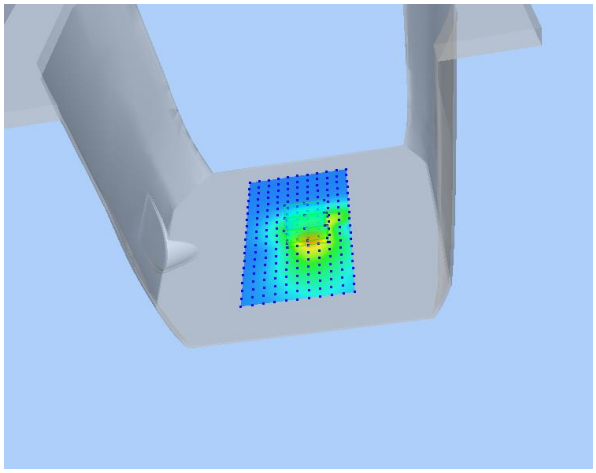
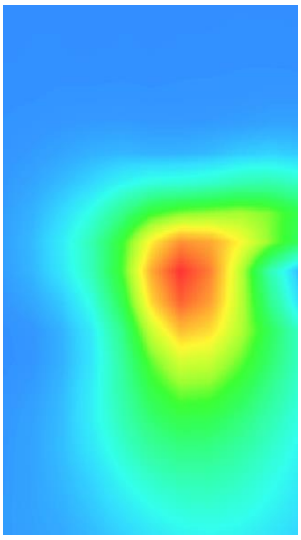
Maximum location: X=8.00, Y=-1.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.134370
SAR 1g (W/Kg)	0.291400

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5965	0.3163	0.1598	0.0808	0.0438



3D screen shot	Hot spot position
	

MEASUREMENT 16

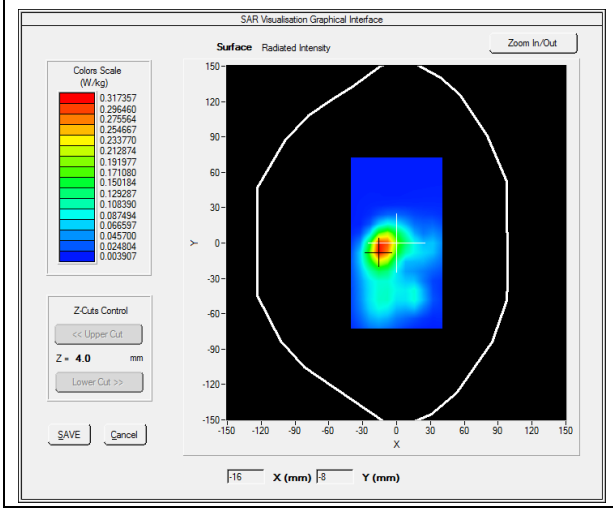
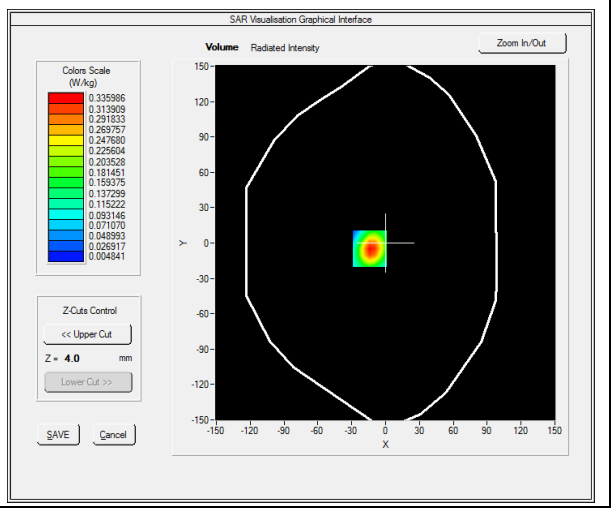
Type: Phone measurement (Complete)
Date of measurement: 2023-06-29
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi_802.11b
Channels	Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative Permittivity (real part)	39.112129
Conductivity (S/m)	1.762555
Power Variation (%)	0.403721
Ambient Temperature	22.1
Liquid Temperature	22.1

SURFACE SAR	**VOLUME SAR**
	

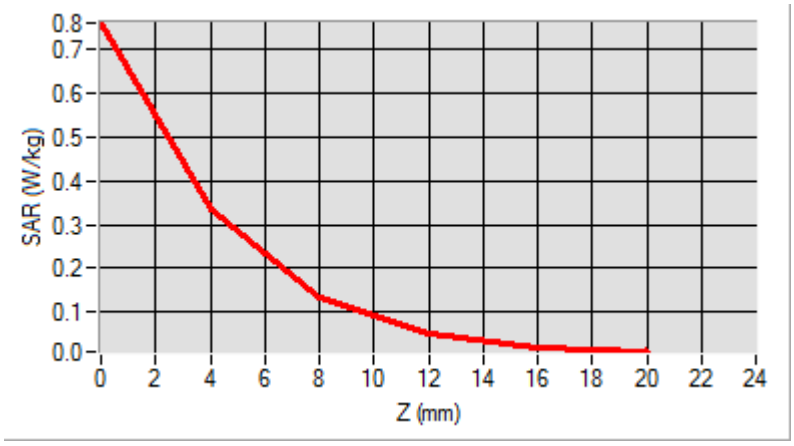
Maximum location: X=-14.00, Y=-5.00

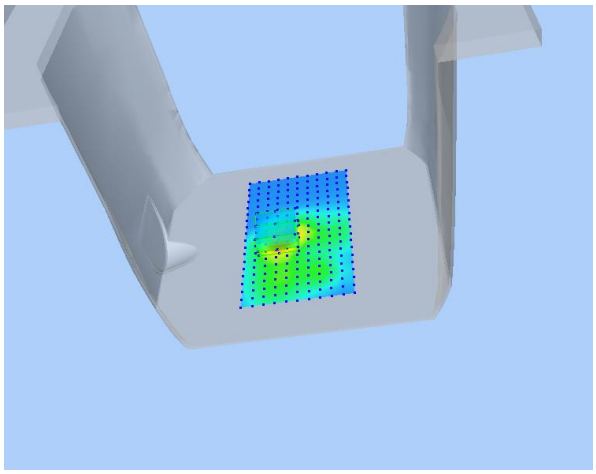
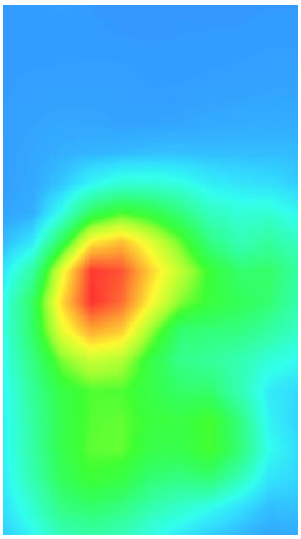
SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	**0.131657**

SAR 1g (W/Kg)	0.317096

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7591	0.3360	0.1317	0.0490	0.0209



3D screen shot	Hot spot position
	

MEASUREMENT 17

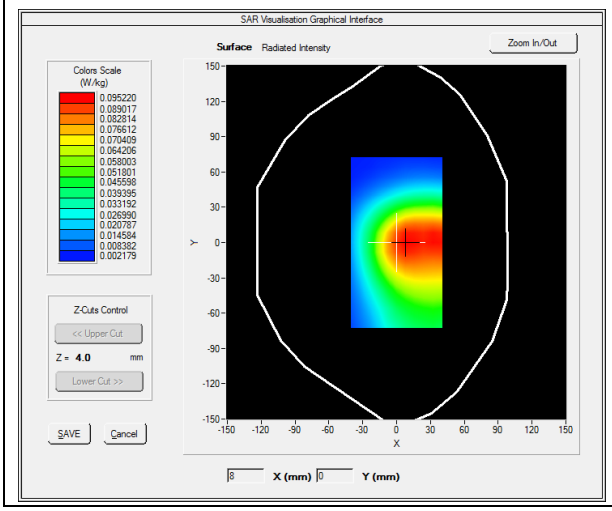
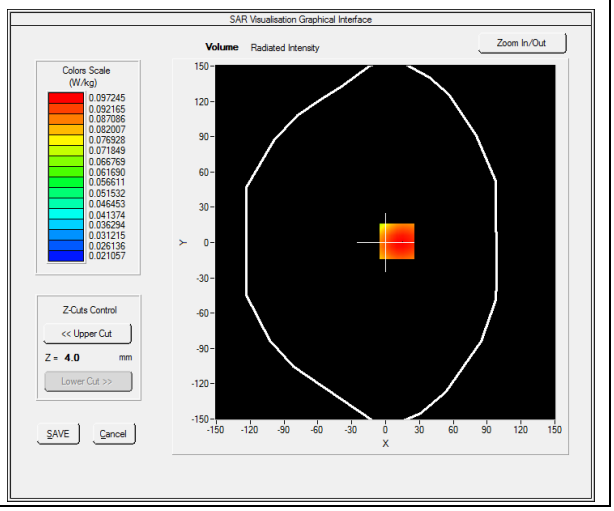
Type: Phone measurement (Complete)
Date of measurement: 2023-06-29
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	Bluetooth_ GFSK
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2441.000000
Relative Permittivity (real part)	39.128391
Conductivity (S/m)	1.761926
Power Variation (%)	0.463700
Ambient Temperature	22.1
Liquid Temperature	22.1

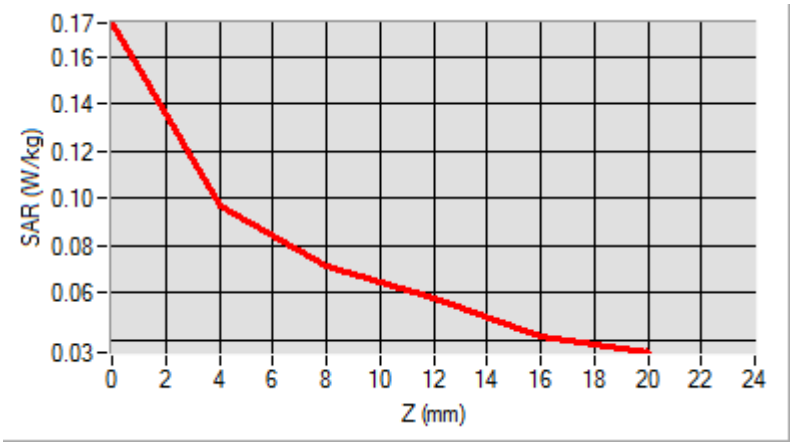
SURFACE SAR	VOLUME SAR
	

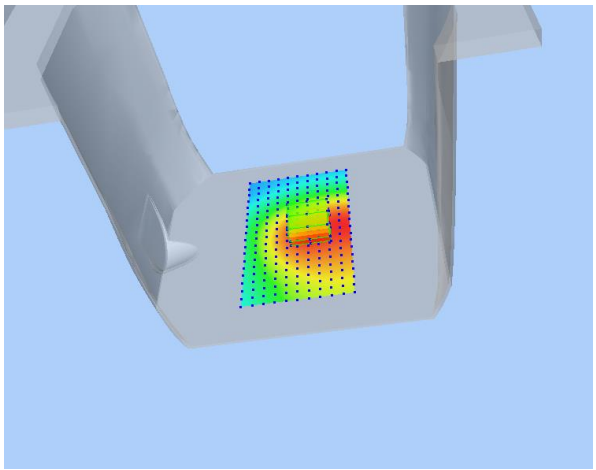
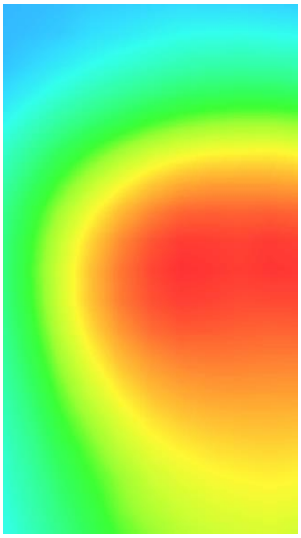
Maximum location: X=10.00, Y=1.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.066683
SAR 1g (W/Kg)	0.093771

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1740	0.0972	0.0716	0.0579	0.0421



3D screen shot	Hot spot position
	

MEASUREMENT 18

Type: Phone measurement (Complete)
Date of measurement: 2023-08-22
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

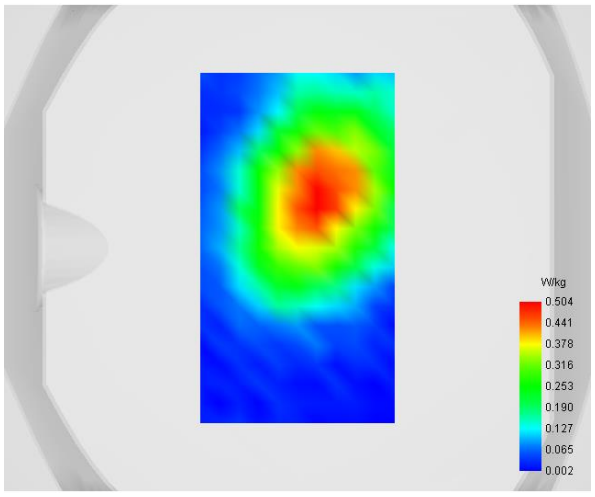
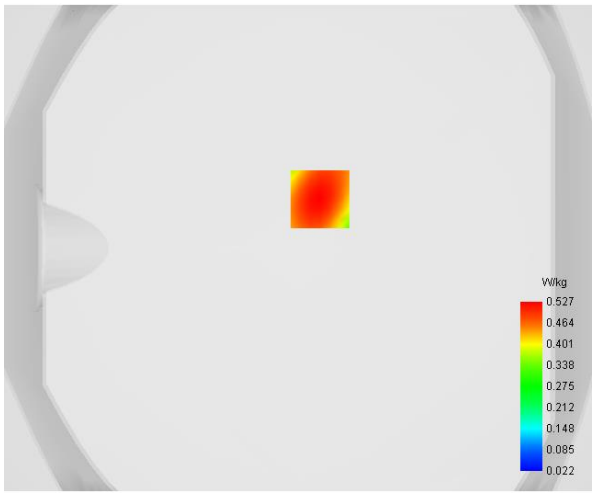
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.2GHz)_802.11a
Channels	Low
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative Permittivity (real part)	36.532911
Conductivity (S/m)	4.701483
Power Variation (%)	-0.542660
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

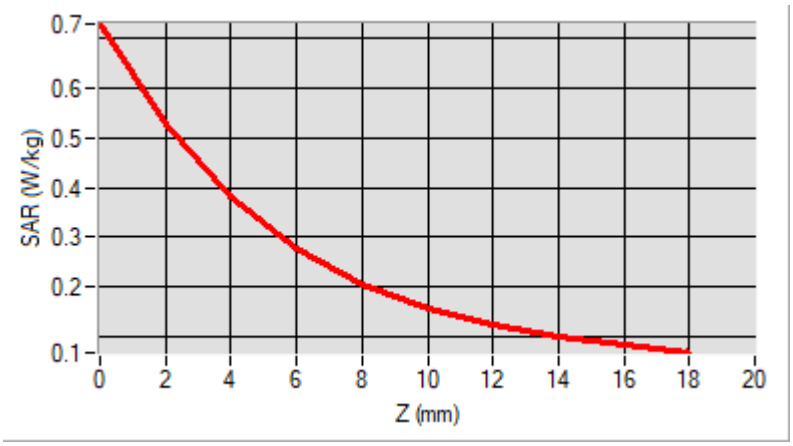
Maximum location: X=9.00, Y=20.00

D. SAR 1g & 10g

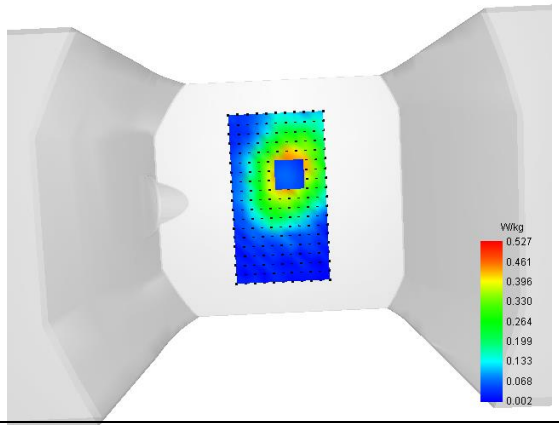
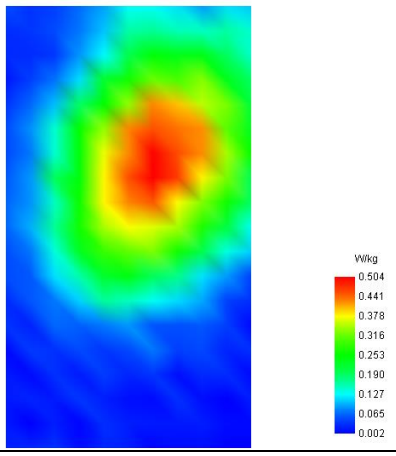
SAR 10g (W/Kg)	**0.201124**
SAR 1g (W/Kg)	**0.373439**

E. Z Axis Scan

Z (mm)	**0.00**	**2.00**	**4.00**	**6.00**	**8.00**	**10.00**	**12.00**	**14.00**	**16.00**
SAR (W/Kg)	**0.7288**	**0.5269**	**0.3810**	**0.2767**	**0.2055**	**0.1568**	**0.1232**	**0.0994**	**0.0817**



F. 3D Image

3D screen shot	**Hot spot position**
	

MEASUREMENT 19

Type: Phone measurement (Complete)
Date of measurement: 2023-08-22
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2023-07-07

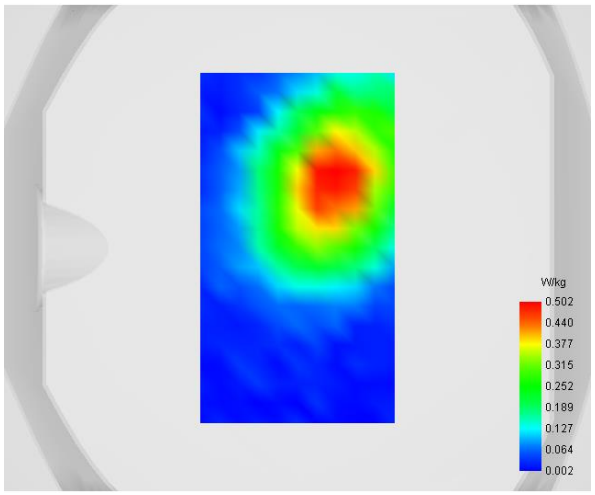
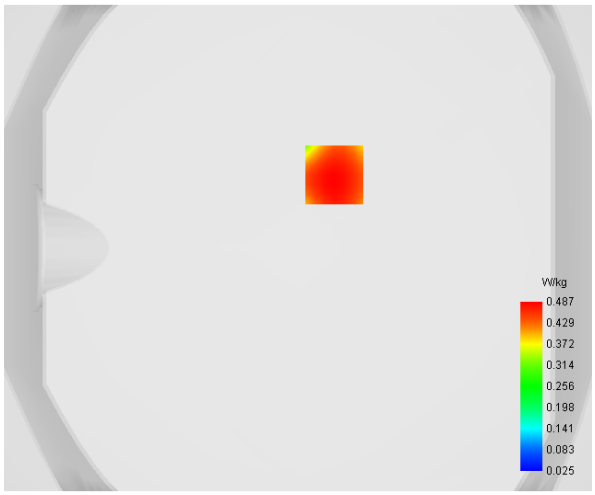
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.8GHz)_ 802.11a
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative Permittivity (real part)	36.282083
Conductivity (S/m)	5.191254
Power Variation (%)	1.215120
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

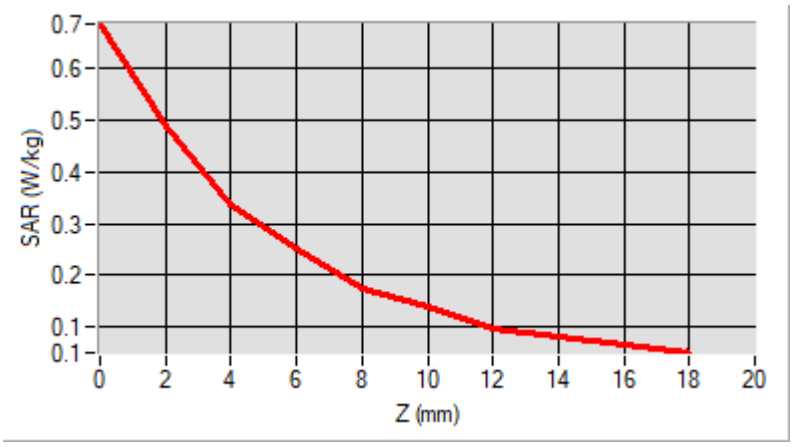
Maximum location: X=15.00, Y=30.00

D. SAR 1g & 10g

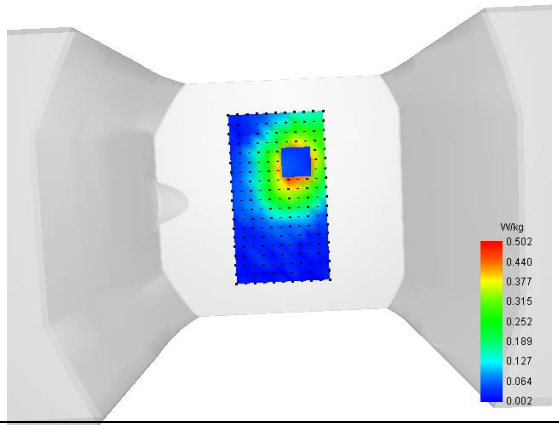
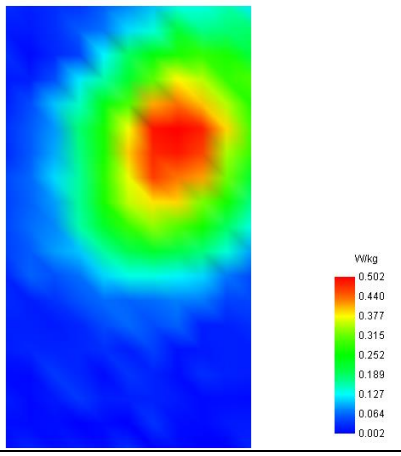
SAR 10g (W/Kg)	**0.187812**
SAR 1g (W/Kg)	**0.352375**

E. Z Axis Scan

Z (mm)	**0.00**	**2.00**	**4.00**	**6.00**	**8.00**	**10.00**	**12.00**	**14.00**	**16.00**
SAR (W/Kg)	**0.6853**	**0.4871**	**0.3384**	**0.2527**	**0.1745**	**0.1384**	**0.0980**	**0.0823**	**0.0646**



F. 3D Image

3D screen shot	**Hot spot position**
	

MEASUREMENT 20

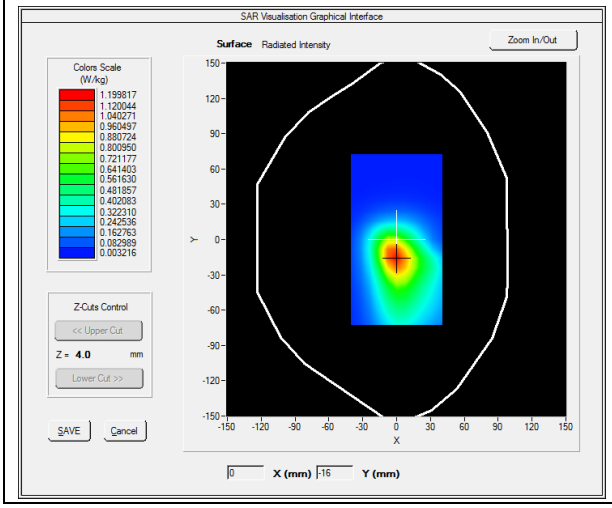
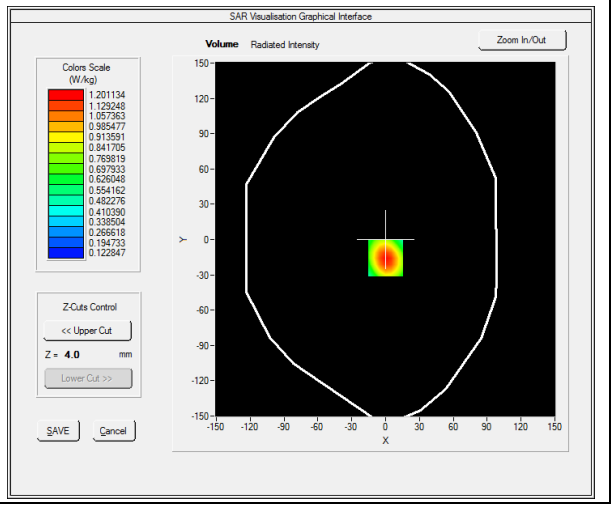
Type: Phone measurement (Complete)
Date of measurement: 2023-11-11
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	WCDMA1900_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1852.400000
Relative Permittivity (real part)	39.622436
Conductivity (S/m)	1.383672
Power Variation (%)	2.768100
Ambient Temperature	22.5
Liquid Temperature	22.5

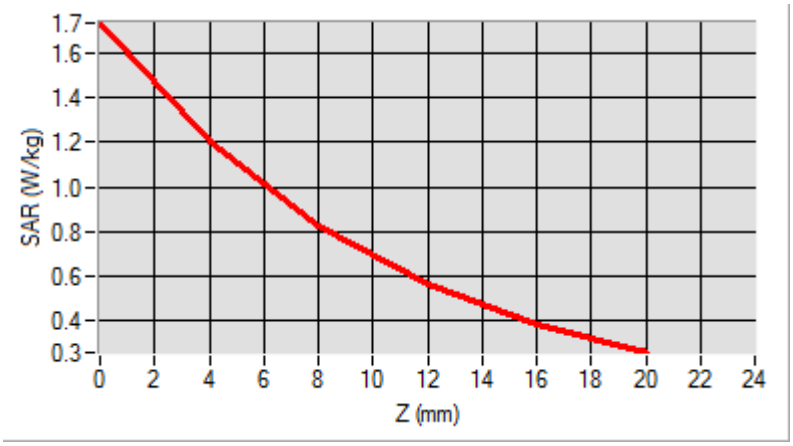
SURFACE SAR	VOLUME SAR
	

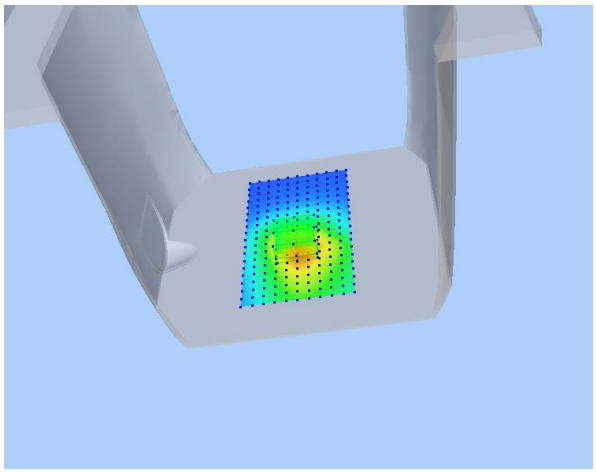
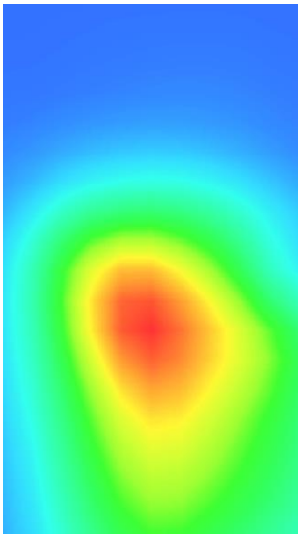
Maximum location: X=0.00, Y=-16.00

SAR Peak: 1.74 W/kg

SAR 10g (W/Kg)	0.657730
SAR 1g (W/Kg)	1.115336

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.7393	1.2011	0.8204	0.5597	0.3825



3D screen shot	Hot spot position
	

MEASUREMENT 21

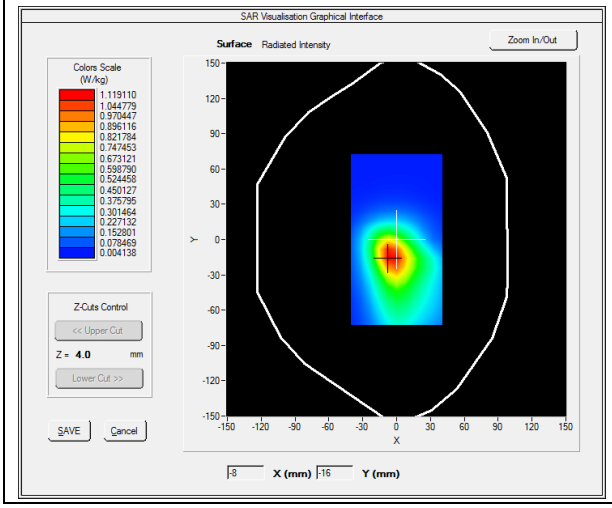
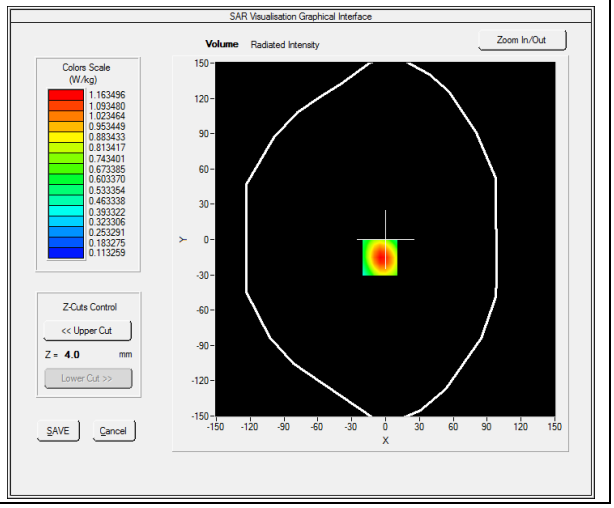
Type: Phone measurement (Complete)
Date of measurement: 2023-11-11
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1860.000000
Relative Permittivity (real part)	39.621958
Conductivity (S/m)	1.381924
Power Variation (%)	1.373900
Ambient Temperature	22.5
Liquid Temperature	22.5

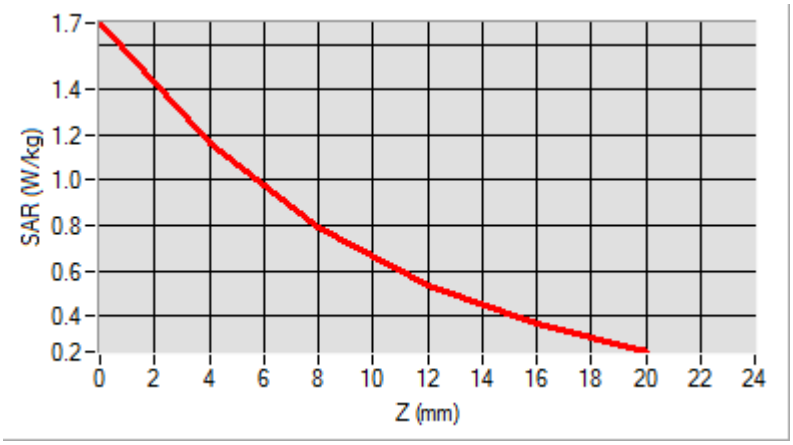
SURFACE SAR	VOLUME SAR
	

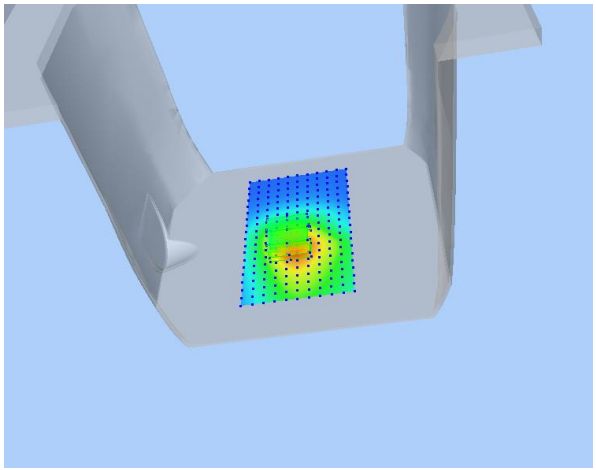
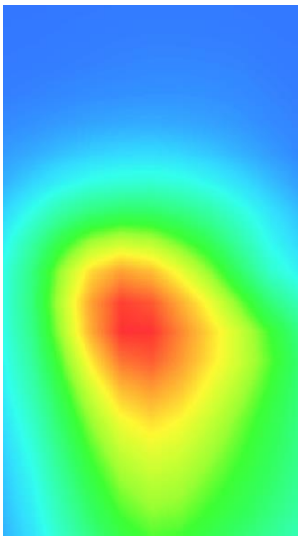
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 1.70 W/kg

SAR 10g (W/Kg)	0.637303
SAR 1g (W/Kg)	1.086696

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.6954	1.1635	0.7901	0.5368	0.3664



3D screen shot	Hot spot position
	

MEASUREMENT 22

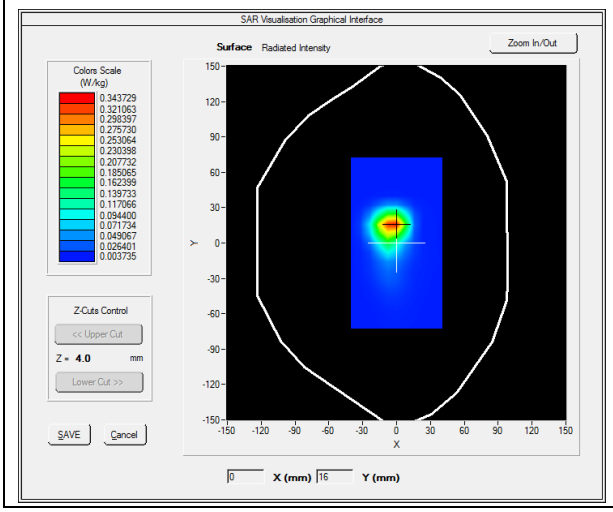
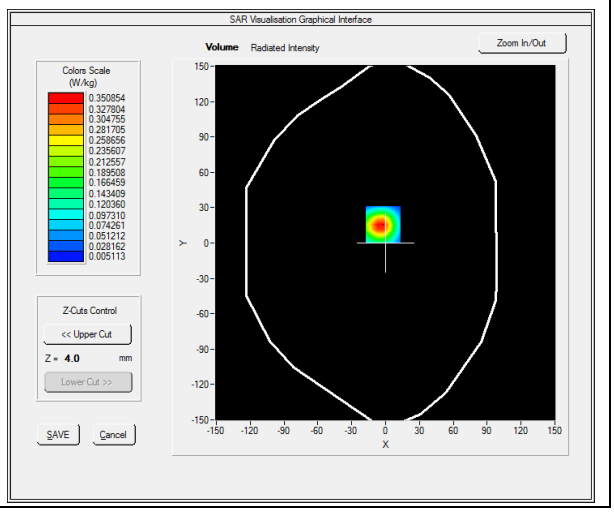
Type: Phone measurement (Complete)
Date of measurement: 2023-11-14
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi_802.11b
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative Permittivity (real part)	40.492129
Conductivity (S/m)	1.752524
Power Variation (%)	1.472100
Ambient Temperature	22.4
Liquid Temperature	22.4

SURFACE SAR	**VOLUME SAR**
	

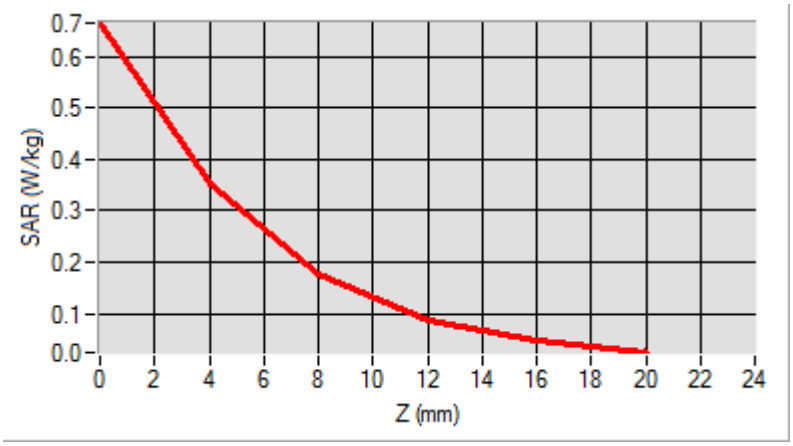
Maximum location: X=-2.00, Y=16.00

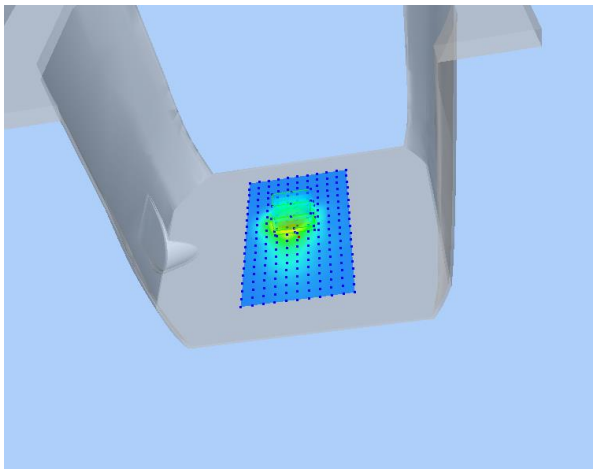
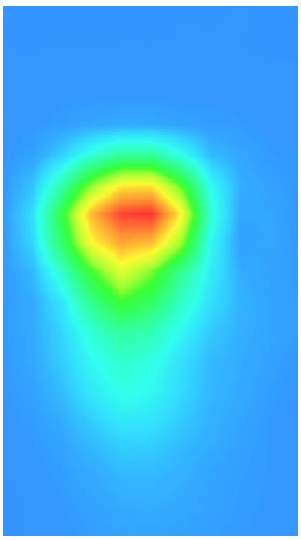
SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	**0.138775**

SAR 1g (W/Kg)	0.322818

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6649	0.3509	0.1759	0.0879	0.0468



3D screen shot	Hot spot position
	

MEASUREMENT 23

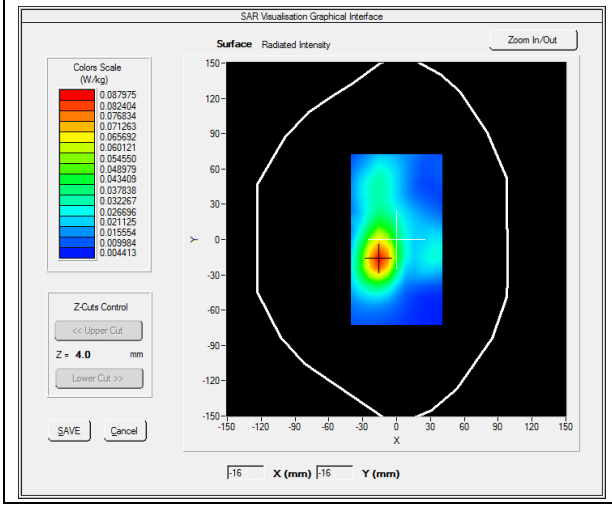
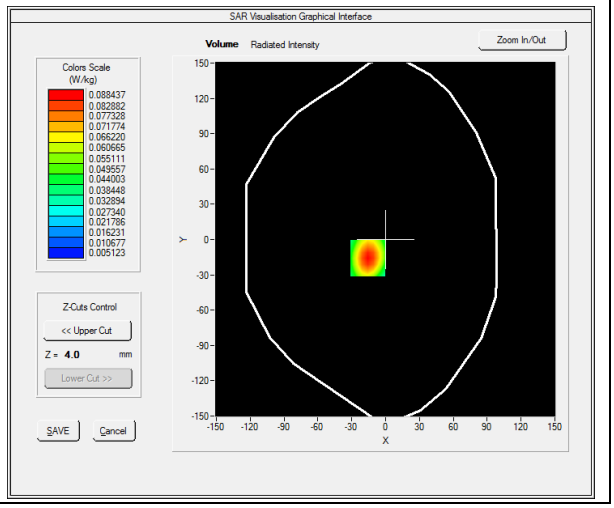
Type: Phone measurement (Complete)
Date of measurement: 2023-11-14
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	Bluetooth_ GFSK
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2480.000000
Relative Permittivity (real part)	40.493919
Conductivity (S/m)	1.751926
Power Variation (%)	1.472700
Ambient Temperature	22.4
Liquid Temperature	22.4

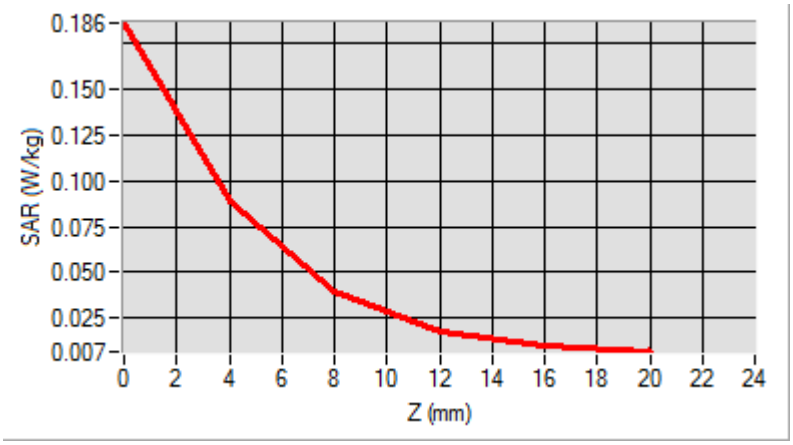
SURFACE SAR	VOLUME SAR
	

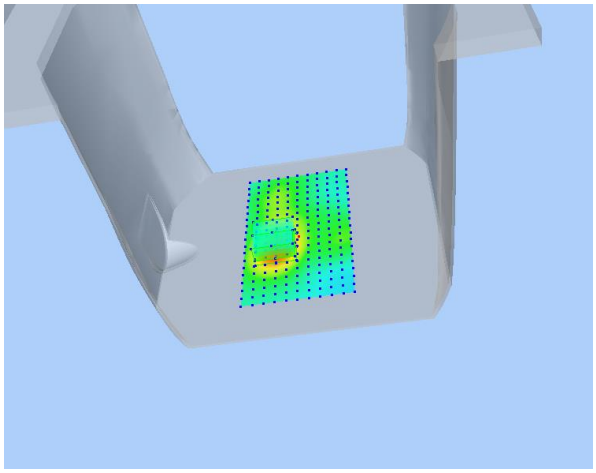
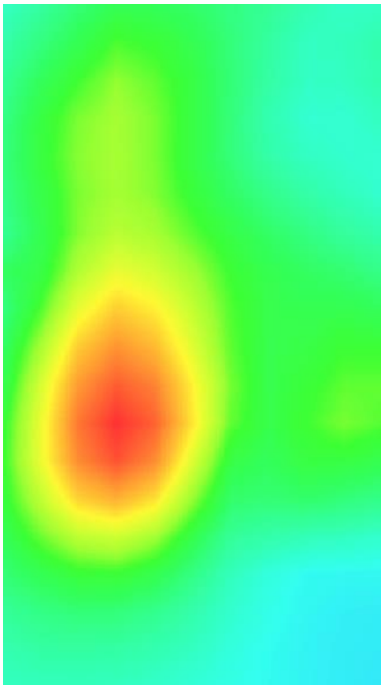
Maximum location: X=-16.00, Y=-16.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.040367
SAR 1g (W/Kg)	0.089552

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1865	0.0884	0.0391	0.0178	0.0099



3D screen shot	Hot spot position
	

MEASUREMENT 24

Type: Phone measurement (Complete)
Date of measurement: 2023-11-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

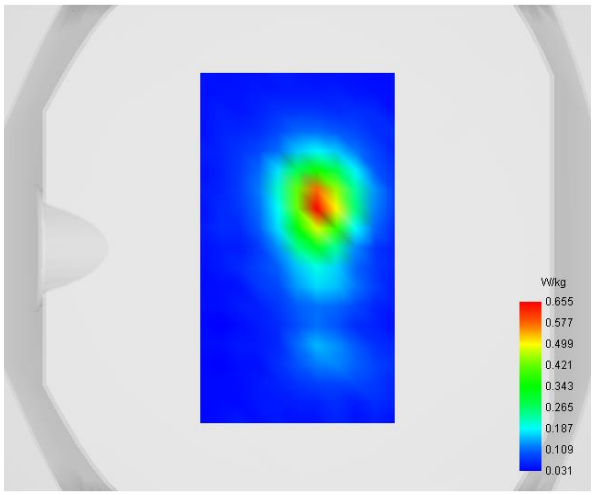
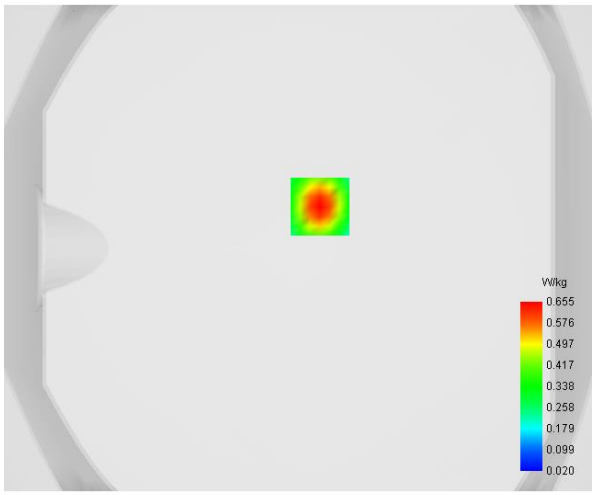
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.2GHz)_802.11a
Channels	Low
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative Permittivity (real part)	37.341491
Conductivity (S/m)	4.611448
Power Variation (%)	1.561600
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

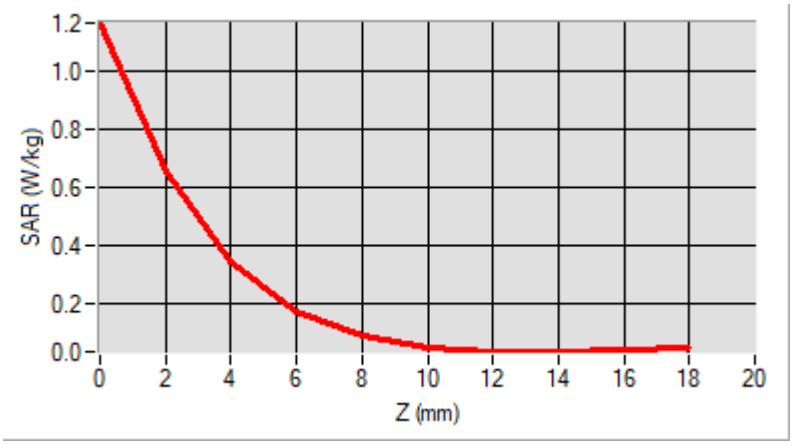
Maximum location: X=9.00, Y=17.00

D. SAR 1g & 10g

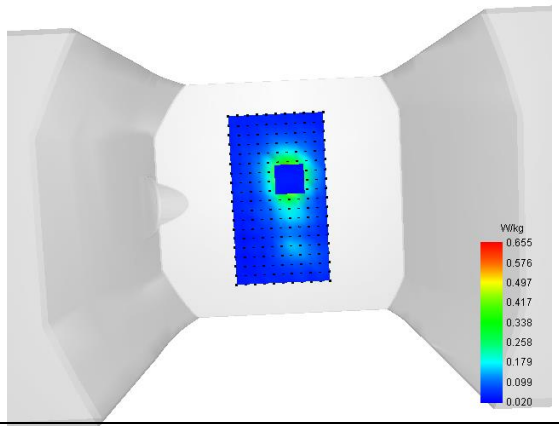
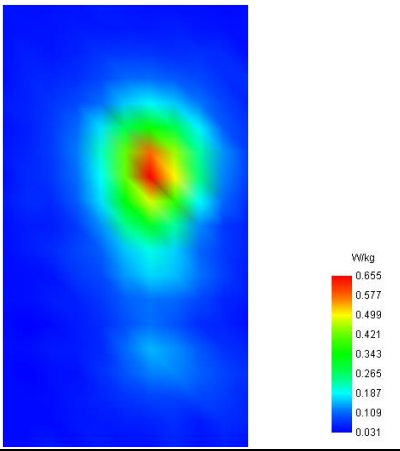
SAR 10g (W/Kg)	**0.135678**
SAR 1g (W/Kg)	**0.366942**

E. Z Axis Scan

Z (mm)	**0.00**	**2.00**	**4.00**	**6.00**	**8.00**	**10.00**	**12.00**	**14.00**	**16.00**
SAR (W/Kg)	**1.1691**	**0.6554**	**0.3395**	**0.1667**	**0.0837**	**0.0470**	**0.0328**	**0.0301**	**0.0339**



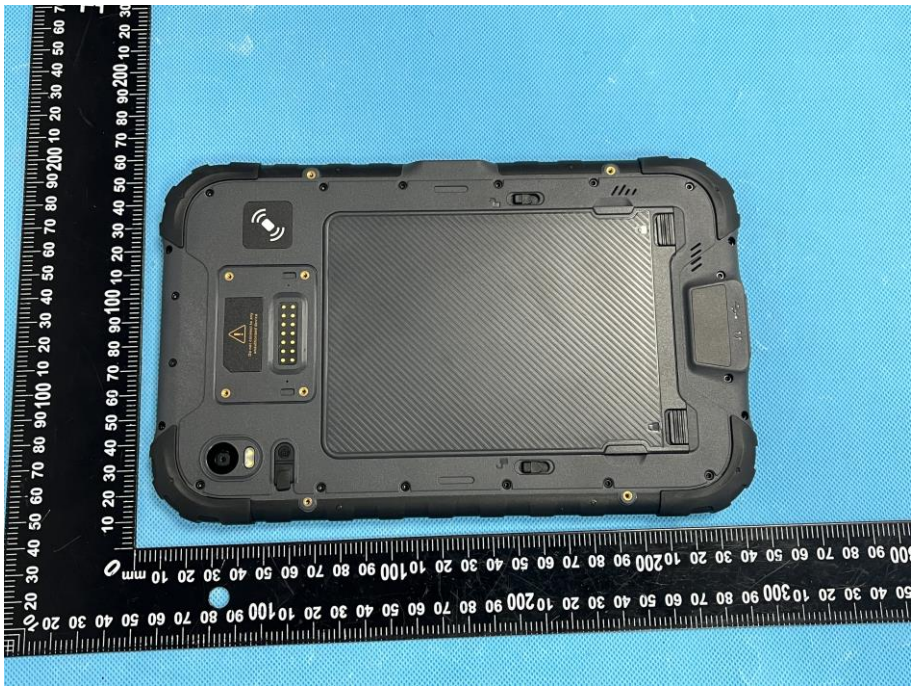
F. 3D Image

3D screen shot	**Hot spot position**
	

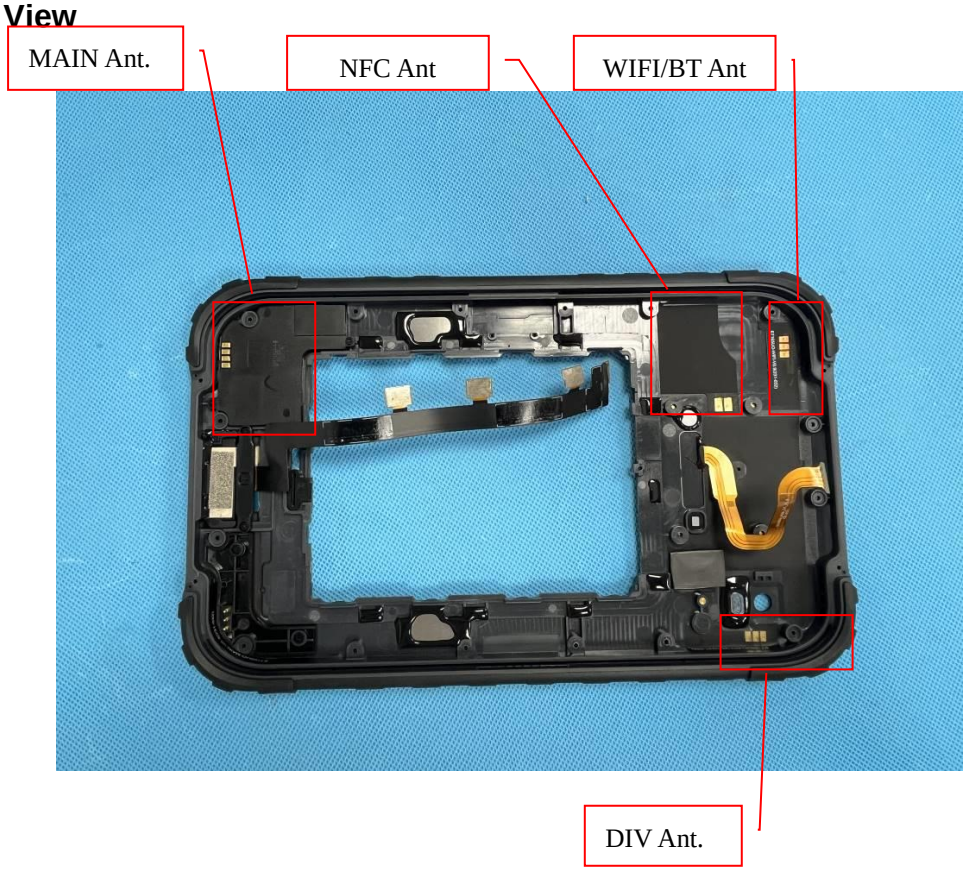
Annex C. EUT Photos

EUT View 1

EUT View 2



Antenna View



Annex D. Test Setup Photos

Body mode Exposure Conditions
Test distance: 0mm

Body Front

Body Back

Body Right

Body Left

Body Top

Body Bottom

Annex E. Calibration Certificate

Please refer to the exhibit for the calibration certificate

******* END OF REPORT *******