

# TEST REPORT

Report No.: BCTC2409756826E

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Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY  
CO.,LTD

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Product Name: Smart Phone

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Test Model: P1

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Tested Date: 2024-08-27 to 2024-10-11

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Issued Date: 2024-10-11

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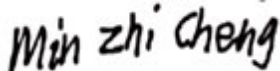
**Shenzhen BCTC Testing Co., Ltd.**



# FCC ID: 2ANMU-24136

Product Name: Smart Phone  
Trademark: OUKITEL  
Model/Type Ref.: P1  
P1S, P1 Pro, P1 Ultra, P1 TITAN  
Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD  
Address: A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE,  
GUANLAN, LONGHUA SHENZHEN, 518XXX China  
Manufacturer: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD  
Address: A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE,  
GUANLAN, LONGHUA SHENZHEN, 518XXX China  
Prepared By: Shenzhen BCTC Testing Co., Ltd.  
Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng,  
Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Sample Received Date: 2024-08-27  
Sample tested Date: 2024-08-27 to 2024-10-11  
Issue Date: 2024-10-11  
Test Standards: IEEE Std C95.1, 2019  
IEEE Std 1528™-2013  
FCC Part 2.1093  
Test Results: PASS  
Remark: This is SAR test report

Tested by:



Min Zhi Cheng/ Project Handler

Approved by:



Zero Zhou/Reviewer

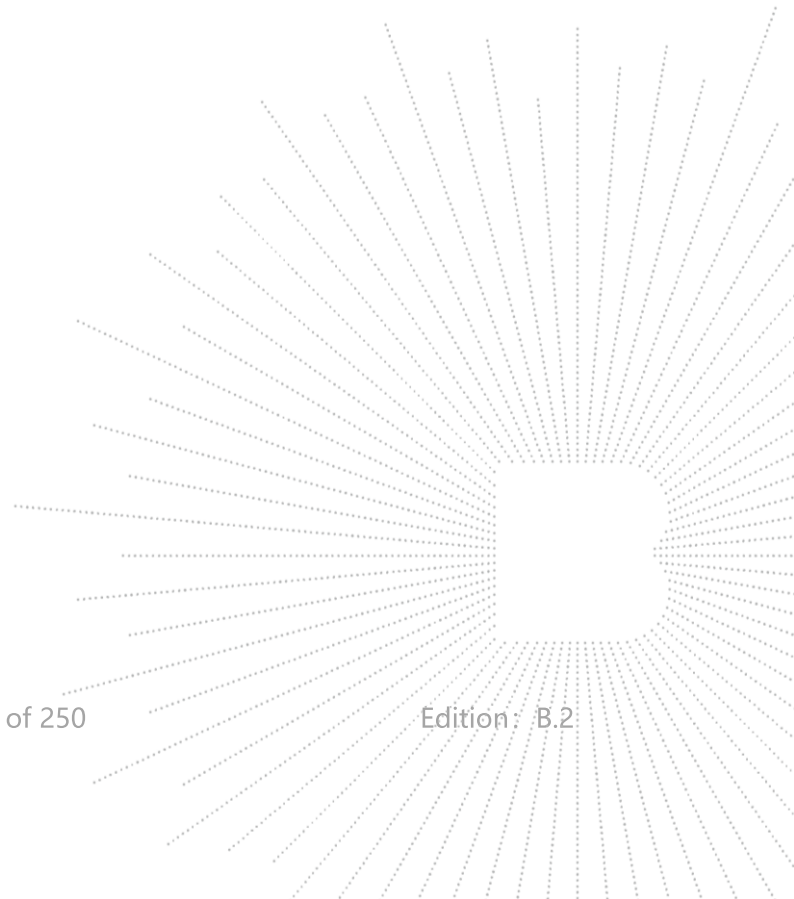
The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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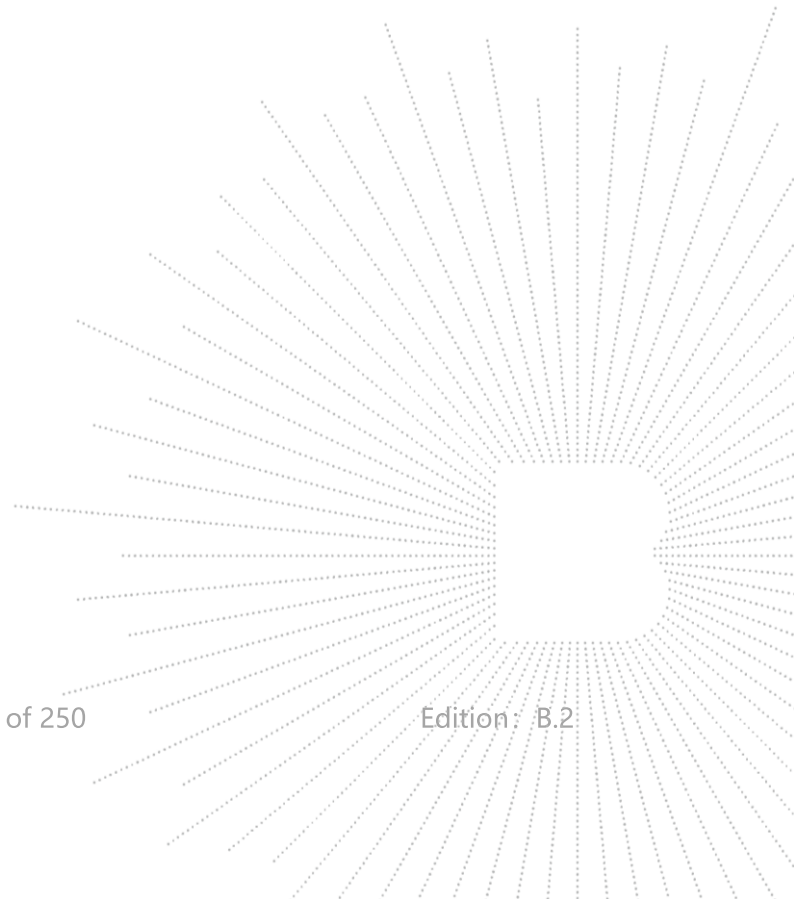
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(Note: N/A Means Not Applicable)



**1. Version**

<b>Report No.</b>	<b>Issue Date</b>	<b>Description</b>	<b>Approved</b>
BCTC2409756826E	2024-10-11	Original	Valid



## 2. Test Standards

IEEE Std C95.1-2019: IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz. It specifies the maximum exposure limit of 1.6 W/kg as averaged over any 1 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.

IEEE Std 1528™-2013: IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques.

FCC Part 2.1093 Radiofrequency Radiation Exposure Evaluation: Portable Devices

KDB 447498 D01 General RF Exposure Guidance v06: Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies

KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04: SAR Measurement Requirements for 100 MHz to 6 GHz

KDB 865664 D02 RF Exposure Reporting v01r02: RF Exposure Compliance Reporting and Documentation Considerations

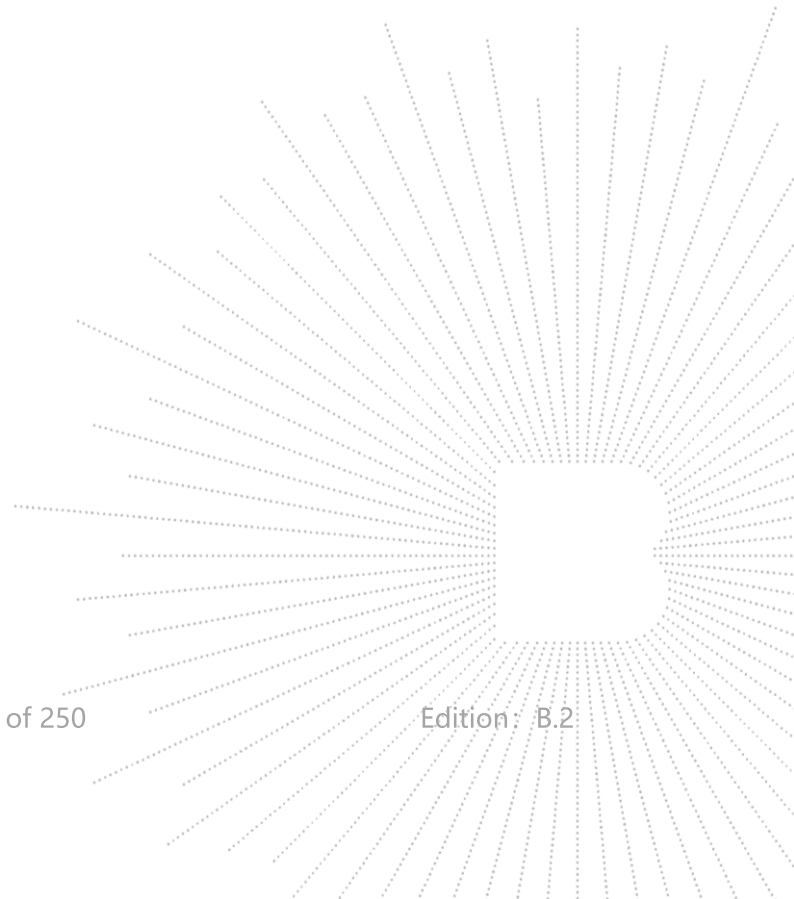
KDB 248227 D01 802.11 Wi-Fi SAR v02r02: SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS

KDB 941225 D01 3G SAR Procedures: 3G SAR MEAUREMENT PROCEDURES

KDB 941225 D05 SAR for LTE Devices: SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES

KDB 941225 D06 Hotspot Mode v02r01: SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES

KDB 648474 D04 Handset SAR v01r03: SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS

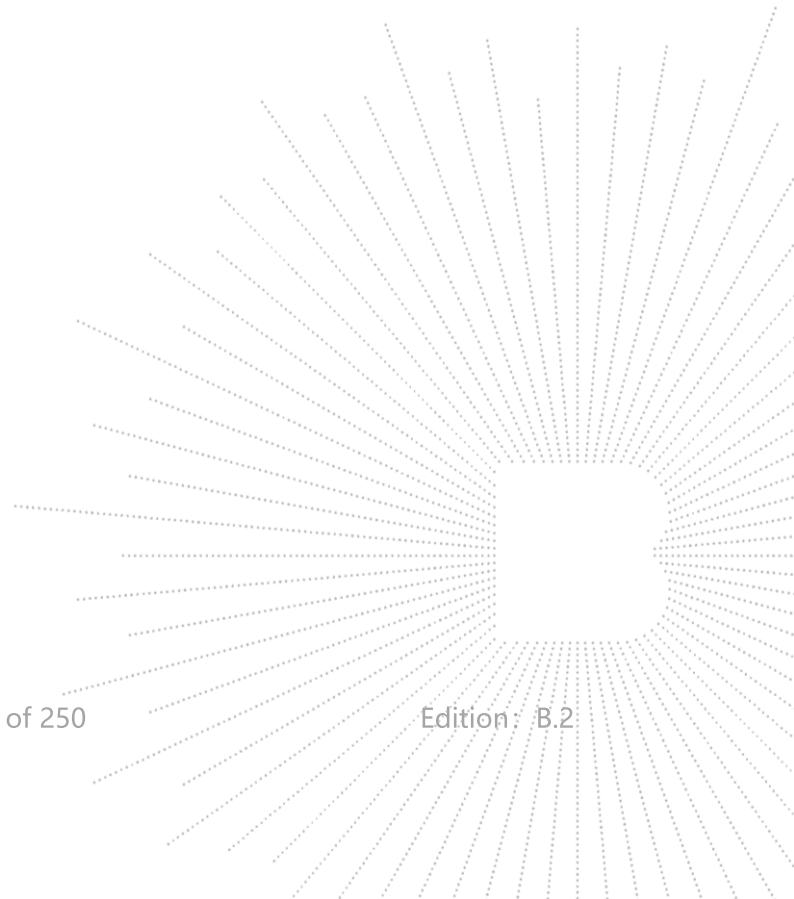


### 3. Test Summary

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

Frequency Band	Report SAR1g (W/kg)			SAR1g Limit (W/kg)
	Head	Body (10mm Gap)	Hotspot (10mm Gap)	
<b>Bluetooth</b>	0.167	0.167	/	1.6
<b>WIFI 2.4G</b>	0.172	0.226	0.254	
<b>WIFI 5G</b>	0.523	0.371	0.434	
<b>GSM</b>	0.248	0.665	0.746	
<b>WCDMA</b>	0.306	0.631	0.781	
<b>LTE</b>	0.200	0.794	0.645	
<b>Simultaneous Transmission</b>	0.747	1.165	1.215	

The device in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-2019, and had been tested in accordance with the measurement methods and procedure specified in IEEE 1528-2013.

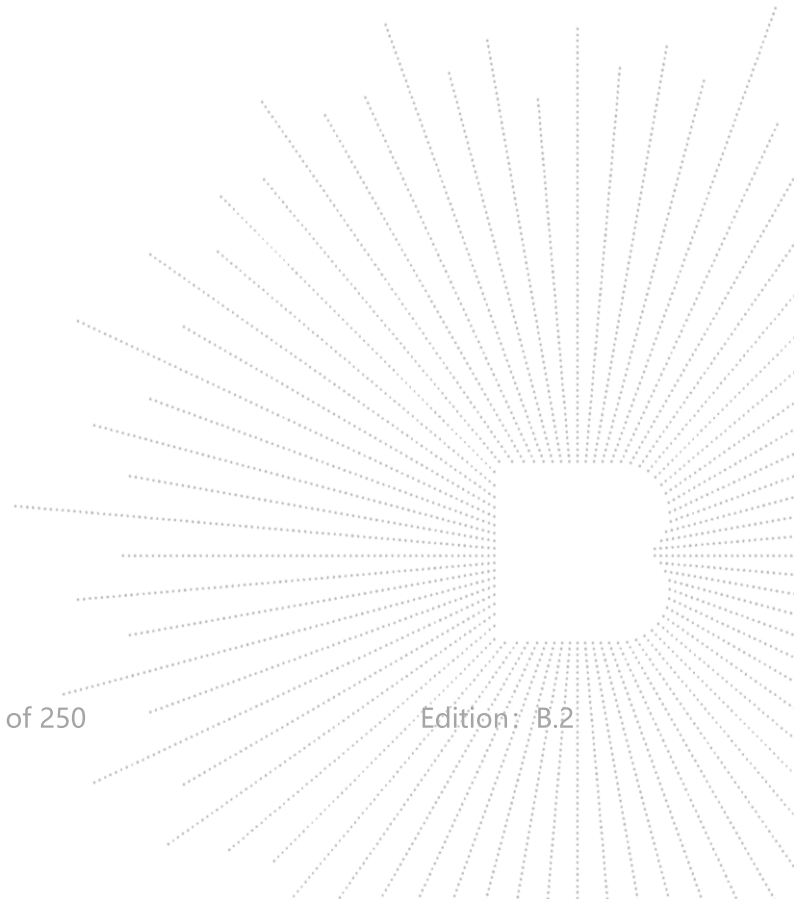


#### 4. SAR Limits

EXPOSURE LIMITS	FCC Limit (1g Tissue)	
	SAR (W/kg)	
	(General Population / Uncontrolled Exposure Environment)	(Occupational / Controlled Exposure Environment)
Spatial Average(averaged over the whole body)	0.08	0.4
Spatial Peak(averaged over any 1 g of tissue)	1.6	8.0
Spatial Peak(hands/wrists/ feet/anklesaveraged over 10 g)	4.0	20.0

Population/Uncontrolled Environments are defined as locations where there is the exposure of individual who have no knowledge or control of their exposure.

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

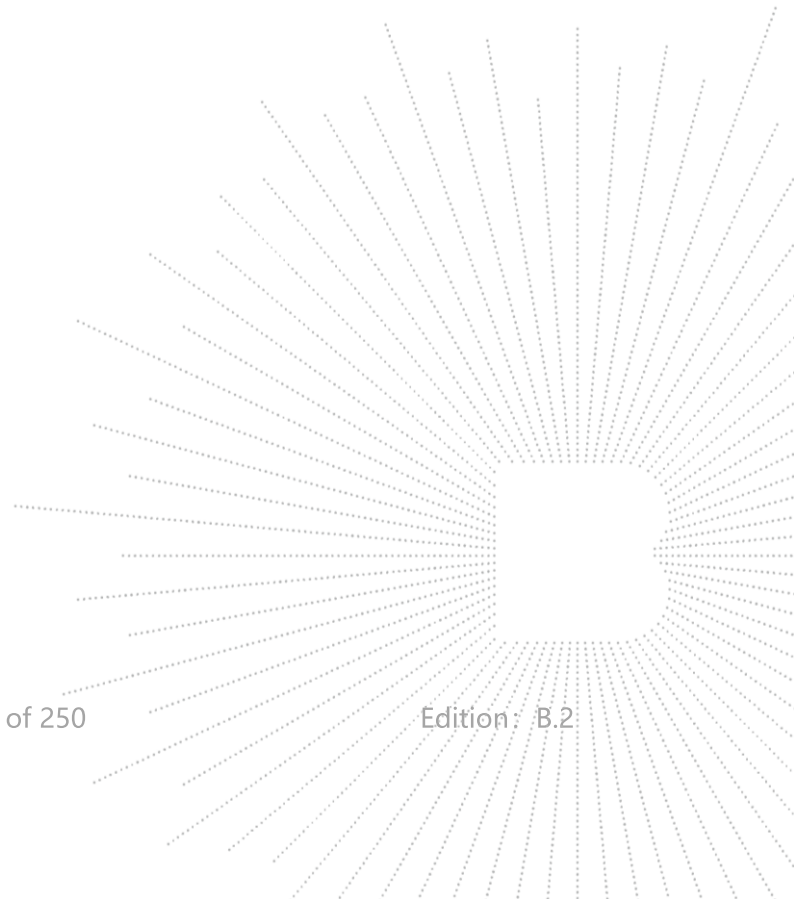




## 5. Measurement Uncertainty

Per KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is  $< 1.5$  W/kg and the measured 10-g SAR within a frequency band is  $< 3.75$  W/kg. The expanded SAR measurement uncertainty must be  $\leq 30\%$ , for a confidence interval of  $k=2$ . If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval.

Therefore, the measurement uncertainty is not required.



## 6. Product Information and Test Setup

### 6.1 Product Information

Model/Type reference: P1  
P1S, P1 Pro, P1 Ultra, P1 TITAN




Model differences: All the model are the same circuit and RF module, except model names.

Bluetooth Version: 5.0

Hardware Version: M8902\_MB\_V2.0

Software Version: V02

Ratings: DC 9V from adapter/DC 3.87V from battery

Adapter Information: Model: HJ-FC001K7-US  
Input: 100-240V- 50/60Hz 0.6A  
Output: 5.0V  3.0A 15.0W  
OR 9.0V  2.0A 18.0W  
OR 12.0V  1.5A 18.0W MAX

BDR, EDR

Operation Frequency: 2402-2480MHz

Type of Modulation: GFSK,  $\pi/4$  DQPSK, 8DPSK

Number Of Channel 79CH

Antenna installation: Internal antenna  
1.35 dBi

Antenna Gain: Remark:  
 The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.  
 The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.

BLE

Operation Frequency: 2402-2480MHz

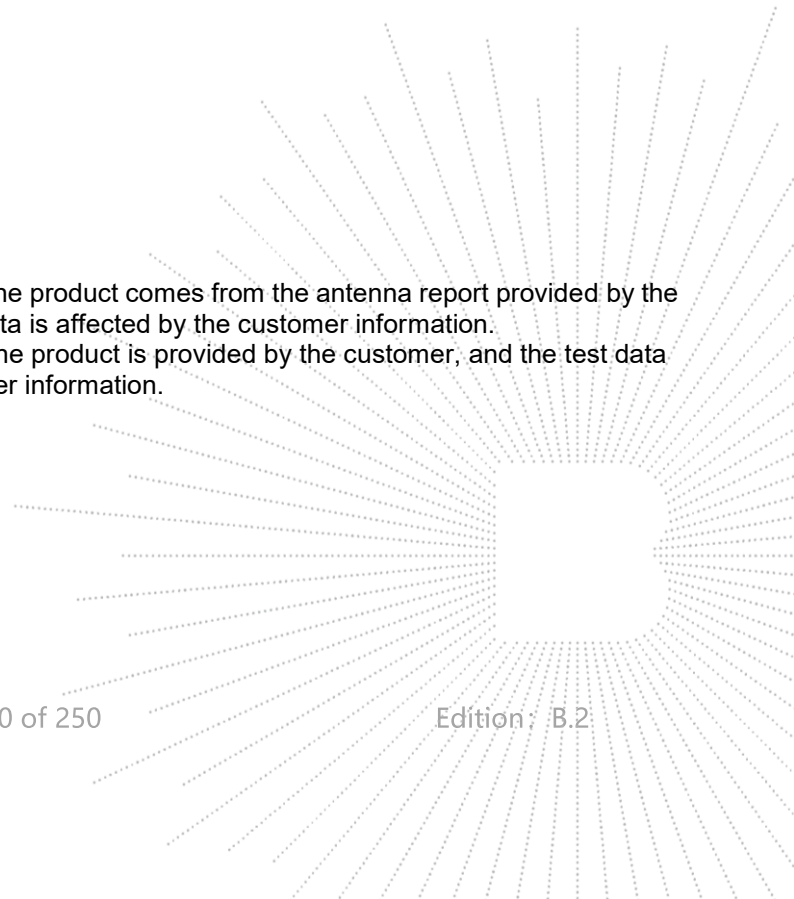
Type of Modulation: GFSK

Data Rate: LE 1M PHY

Number Of Channel 40CH

Antenna installation: Internal antenna  
1.35 dBi

Antenna Gain: Remark:  
 The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.  
 The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.

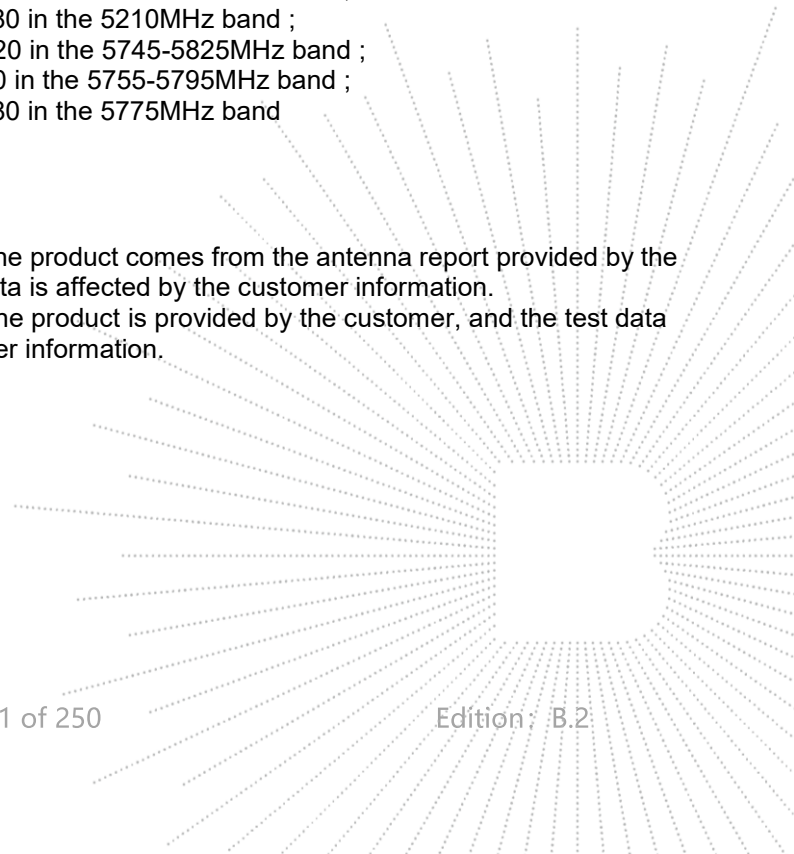


**WIFI 2.4G**

Operation Frequency: 802.11b/g/n20MHz:2412~2462 MHz  
 802.11n40MHz:2422~2452 MHz  
 Bit Rate of Transmitter: 802.11b:11/5.5/2/1 Mbps  
 802.11g:54/48/36/24/18/12/9/6Mbps  
 802.11n Up to 150Mbps  
 Type of Modulation: OFDM/DSSS  
 Number Of Channel: 802.11b/g/n20MHz:11 CH  
 802.11n40MHz: 7 CH  
 1.35 dBi  
 Remark:  
 The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.  
 The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.

**WIFI 5G**

IEEE 802.11 WLAN Mode Supported: 802.11a/n/ac(20MHz channel bandwidth)  
 802.11n/ac(40MHz channel bandwidth)  
 802.11ac(80MHz channel bandwidth)  
 Operation Frequency: 5180-5240MHz for 802.11a/n(HT20);  
 5190-5230MHz for 802.11n(HT40);  
 5210MHz for 802.11 ac80;  
 5745-5825 MHz for 802.11a/n(HT20);  
 5755-5795 MHz for 802.11n(HT40);  
 5775MHz for 802.11 ac80;  
 Data Rate: 802.11a: 6,9,12,18,24,36,48,54Mbps;  
 802.11n(HT20/HT40):MCS0-MCS15;  
 802.11ac(VHT20): NSS1, MCS0-MCS8  
 802.11ac(VHT40/VHT80):NSS1, MCS0-MCS  
 Type of Modulation: OFDM with BPSK/QPSK/16QAM/64QAM/256QAM  
 for 802.11a/n/ac;  
 Number Of Channel: 4 channels for 802.11a/n20 in the 5180-5240MHz band ;  
 2 channels for 802.11 n40 in the 5190-5230MHz band ;  
 1 channels for 802.11 ac80 in the 5210MHz band ;  
 5 channels for 802.11a/n20 in the 5745-5825MHz band ;  
 2 channels for 802.11 n40 in the 5755-5795MHz band ;  
 1 channels for 802.11 ac80 in the 5775MHz band  
 Antenna installation: Internal antenna  
 -0.17 dBi  
 Remark:  
 The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.  
 The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.



2G, 3G

Operation Frequency:

GSM/GPRS/EGPRS 850: TX: 824~849MHz; RX: 869~894MHz;  
GSM/GPRS/EGPRS 1900: TX:1850~1910MHz; RX:1930~1990MHz;  
WCDMA Band II: TX: 1852.40~1907.60MHz; Rx: 1932.60~1987.40MHz;  
WCDMA Band IV: TX: 1712.40~1752.60MHz; RX: 2112.60 – 2452.40MHz  
WCDMA Band V: TX: 826.40~846.60MHz; RX: 871.40~ 891.60MHz;

GPRS Class:

Class 12

Max RF Output Power:

GSM/GPRS/EGPRS 850: 32.95 dBm,  
GSM/GPRS/EGPRS 1900: 29.3 dBm  
WCDMA Band II: 21.93 dBm  
WCDMA Band IV: 21.99 dBm  
WCDMA Band V: 22.92 dBm

Type of Modulation:

GSM with GMSK Modulation  
WCDMA Mode with BPSK Modulation  
HSDPA Mode with QPSK, 16QAM Modulation  
HSUPA Mode with QPSK, 16QAM Modulation

Type of Emission:

GSM/GPRS 850: 250KGXW  
EGPRS 850:259KG7W  
GSM/GPRS 1900: 251KGXW  
EGPRS 1900:250KG7W  
WCDMA Band II: 4M18F9W  
WCDMA Band IV: 4M16F9W  
WCDMA Band V: 4M17F9W

Antenna installation:

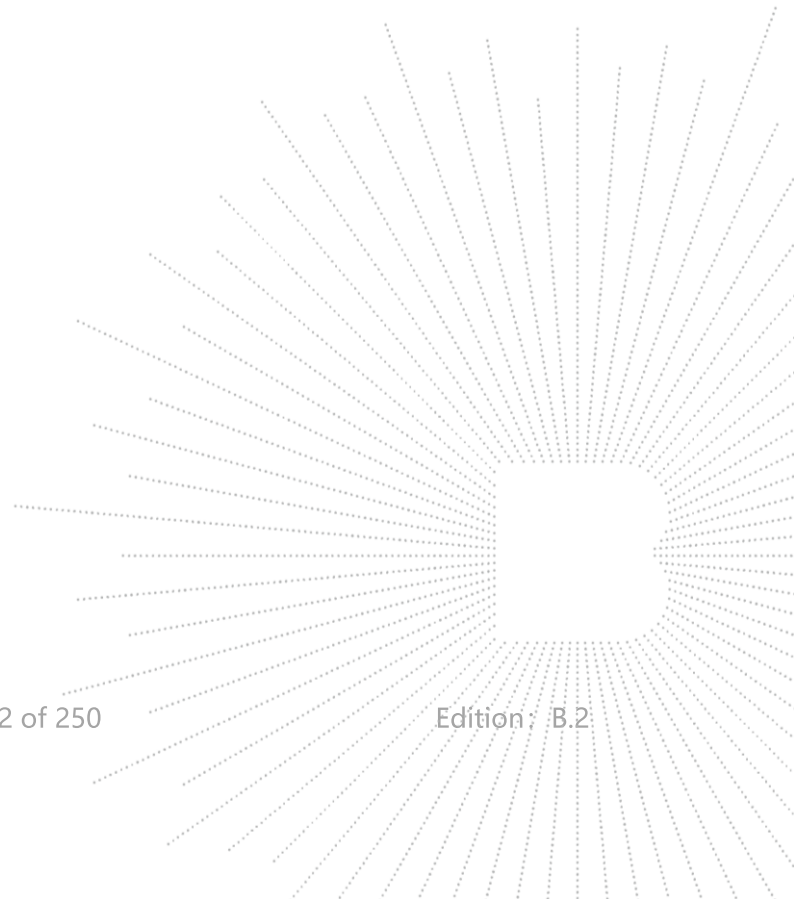
Internal antenna

Antenna Gain:

GSM850: -1.47 dBi  
GSM1900: -0.41 dBi  
WCDMA Band II: -0.41 dBi  
WCDMA Band IV: -0.38 dBi  
WCDMA Band V: -1.47 dBi

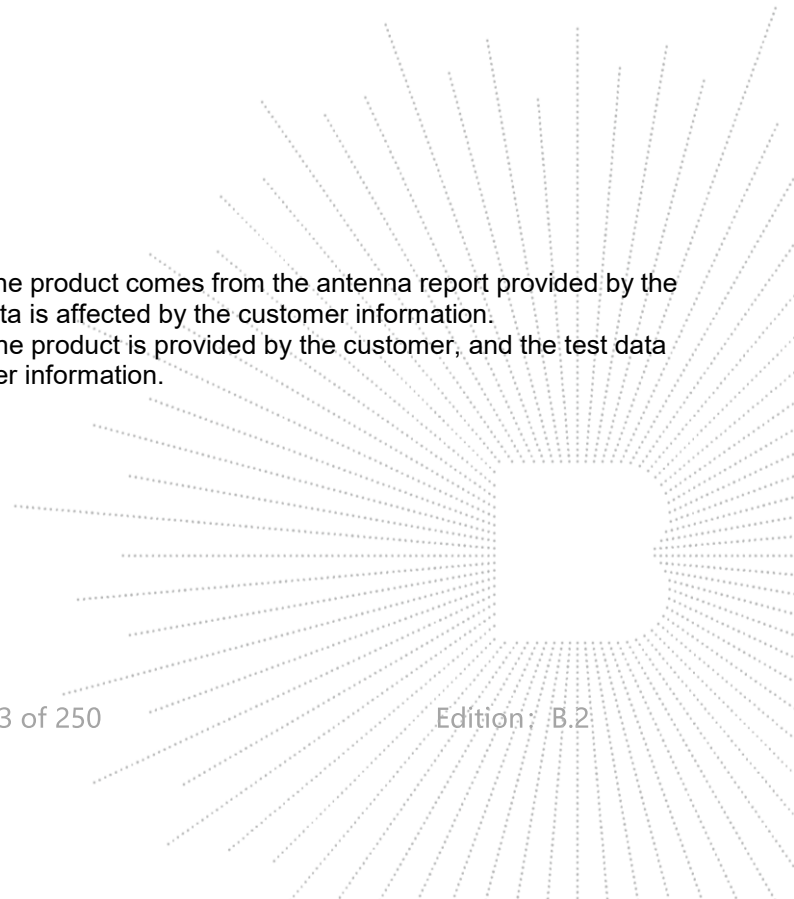
Remark:

- The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.  
 The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.



4G

Tx Frequency: LTE Band 2: 1850 MHz ~ 1910 MHz  
 LTE Band 4: 1710 MHz ~ 1755 MHz  
 LTE Band 5: 824 MHz ~ 849 MHz  
 LTE Band 7: 2500MHz-2570MHz  
 LTE Band 12: 699 MHz ~ 716 MHz  
 LTE Band 17: 704MHz-716MHz  
 LTE Band 25: 1850MHz~1915MHz  
 LTE Band 26: 814MHz-824MHz  
                   824MHz-849MHz  
 LTE Band 66: 1710MHz ~ 1780MHz  
 Rx Frequency: LTE Band 2: 1930 MHz ~ 1990 MHz  
 LTE Band 4: 2110 MHz ~ 2155 MHz  
 LTE Band 5: 869 MHz ~ 894 MHz  
 LTE Band 7: 2620MHz-2690MHz  
 LTE Band 12: 729 MHz ~ 746 MHz  
 LTE Band 17: 734MHz-746MHz  
 LTE Band 25: 1930MHz~1995MHz  
 LTE Band 26: 859MHz-869MHz  
                   869MHz-894MHz  
 LTE Band 66: 2110MHz ~ 2200MHz  
 Bandwidth: LTE Band 2: 1.4MHz /3MHz /5MHz /10MHz /15MHz /20MHz  
 LTE Band 4: 1.4MHz /3MHz /5MHz /10MHz /15MHz /20MHz  
 LTE Band 5: 1.4MHz /3MHz /5MHz /10MHz  
 LTE Band 7: 5MHz /10MHz /15MHz /20MHz  
 LTE Band 12: 1.4MHz /3MHz /5MHz /10MHz  
 LTE Band 17: 5MHz /10MHz  
 LTE Band 25: 1.4MHz /3MHz /5MHz /10MHz /15MHz /20MHz  
 LTE Band 26: 1.4MHz /3MHz /5MHz /10MHz  
                   1.4MHz /3MHz /5MHz /10MHz /15MHz  
 LTE Band 66: 1.4MHz /3MHz /5MHz /10MHz /15MHz /20MHz  
 Type of Modulation: QPSK/16QAM  
 Antenna Type: Internal Antenna  
 LTE Band 2: -0.41 dBi  
 LTE Band 4: -0.38 dBi  
 LTE Band 5: -1.47 dBi  
 LTE Band 7: 0.25 dBi  
 LTE Band 12: -0.29 dBi  
 LTE Band 17: -0.29 dBi  
 LTE Band 25: -0.41 dBi  
 LTE Band 26: -1.47 dBi  
 LTE Band 66: -0.41 dBi  
 Antenna Gain: Remark:  
 The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information.  
 The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.



## 6.2 Test Setup Configuration

See test photographs attached in EUT TEST SETUP PHOTOGRAPHS for the actual connections between Product and support equipment.

## 6.3 Support Equipment

### Cable of Product

No.	Cable Type	Quantity	Provider	Length (m)	Shielded	Note
1	--	--	Applicant	---	Yes/No	--
2	--	--	BCTC	--	Yes/No	--

No.	Device Type	Brand	Model	Series No.	Note
1.	---	---	---	---	---
2.	--	--	--	--	--

### Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

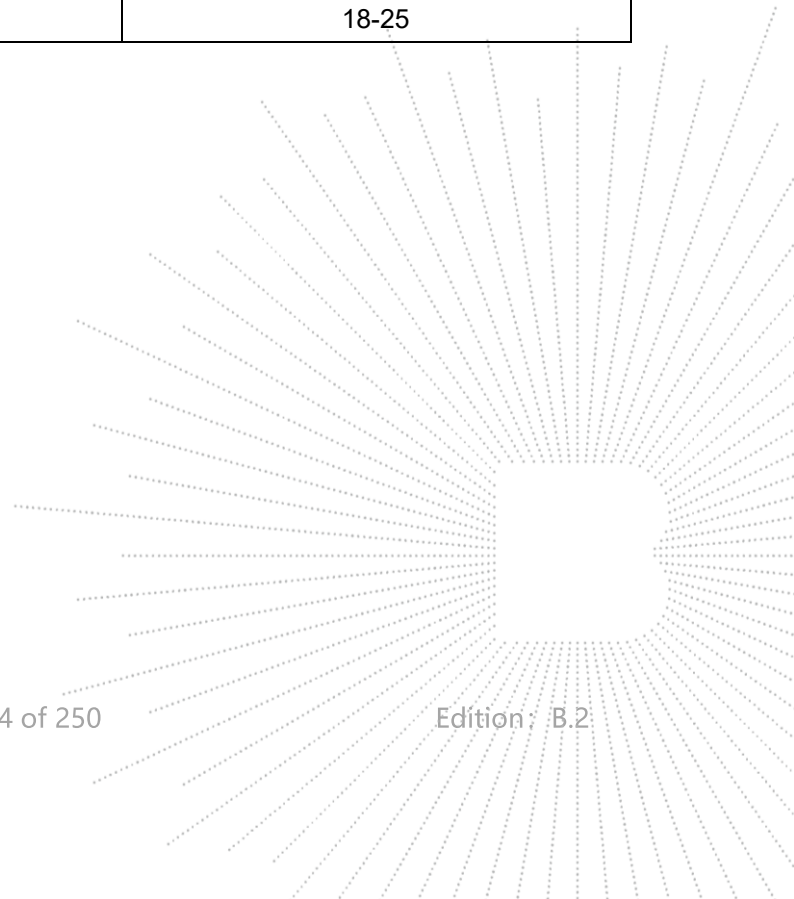
## 6.4 Test Environment

### 1. Normal Test Conditions:

Humidity(%):	35-75
Atmospheric Pressure(kPa):	95-105
Temperature(°C):	18-25

### 2. Extreme Test Conditions:

N/A

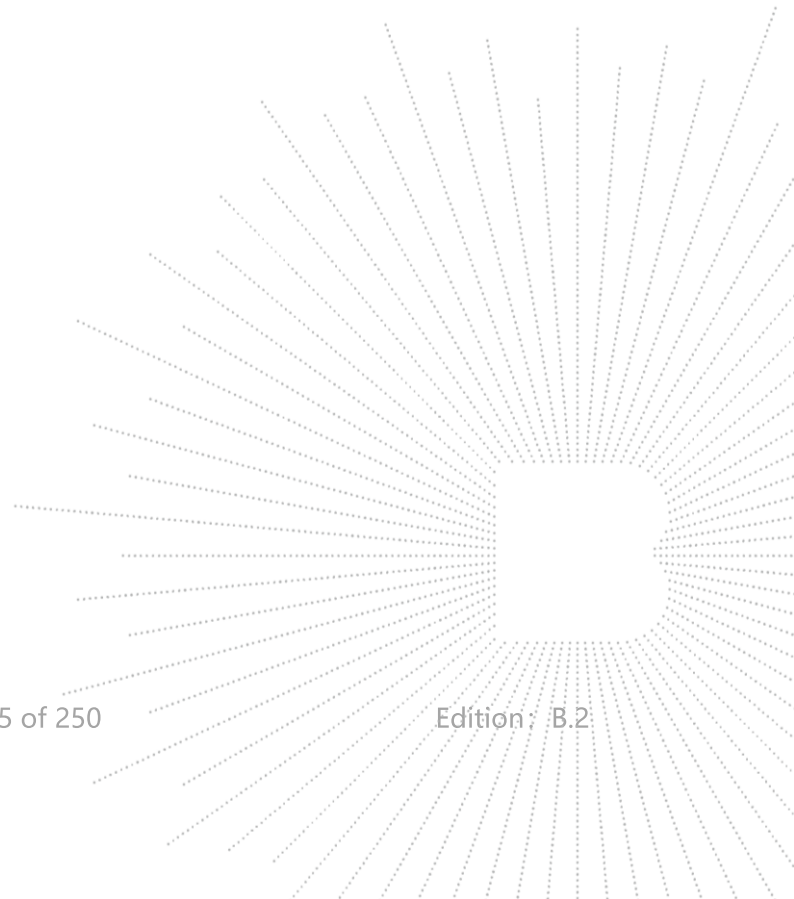


## 7. Test Facility and Test Instrument Used

### 7.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Testing Co., Ltd. Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

FCC Test Firm Registration Number: 712850  
A2LA certificate registration number is: CN1212  
ISED Registered No.: 23583  
ISED CAB identifier: CN0017



## 7.2 Test Instrument Used

Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
PC	DELL	\	\	N/A	N/A
SAR Measurement system	SATIMO	\	\	N/A	N/A
Signal Generator	Keysight	83711B	US37100131	Aug. 29, 2023	Aug. 28, 2024
Multimeter	Keithley	1160271	\	Nov. 10, 2023	Nov 09, 2024
S-parameter Network Analyzer	R&S	ZVB 8	101353	Dec. 07, 2023	Dec. 06, 2024
Wideband Radio Communication Tester	R&S	CMW500	\	Nov. 10, 2023	Nov 09, 2024
E SAR PROBE 6GHz	MVG	SSE2	2623-EPGO-420	July 18, 2024	July 17, 2025
DIPOLE 750	SATIMO	SID 750	SN 47/21 DIP 0G750-620	Nov. 25, 2021	Nov. 24, 2024
DIPOLE 835	SATIMO	SID 835	SN 47/21 DIP 0G835-621	Nov. 25, 2021	Nov. 24, 2024
DIPOLE 1800	SATIMO	SID 1800	SN 47/21 DIP 1G800-623	Nov. 25, 2021	Nov. 24, 2024
DIPOLE 1900	SATIMO	SID 1900	SN 47/21 DIP 1G900-624	Nov. 25, 2021	Nov. 24, 2024
DIPOLE 2450	SATIMO	SID 2450	SN 47/21 DIP 2G450-627	Nov. 25, 2021	Nov. 24, 2024
DIPOLE 2600	SATIMO	SID 2600	SN 47/21 DIP 2G600-628	Nov. 25, 2021	Nov. 24, 2024
DIPOLE 5000	SATIMO	SID 5000	SN 47/21 DIP 5G000-629	Nov. 25, 2021	Nov. 24, 2024
COMOSAR OPENCoaxial Probe	SATIMO	\	\	Nov. 18, 2023	Nov. 17, 2024
SAR Locator	SATIMO	\	\	Nov. 18, 2023	Nov. 17, 2024
Communication Antenna	SATIMO	\	\	Nov. 18, 2023	Nov. 17, 2024
FEATURE PHONEPOSITIONING DEVICE	SATIMO	\	\	N/A	N/A
DUMMY PROBE	SATIMO	\	\	N/A	N/A
SAM Phantom	MVG	\	SN 13/09 SAM68	N/A	N/A
Liquid measurement Kit	HP	85033D	3423A08186	N/A	N/A
Power meter	Agilent	E4419	\	May 15, 2024	May 14, 2025
Power meter	Agilent	E4419	\	May 15, 2024	May 14, 2025
Power sensor	Agilent	E9300A	\	May 15, 2024	May 14, 2025
Power sensor	Agilent	E9300A	\	May 15, 2024	May 14, 2025
Directional Coupler	Krytar 158020	131467	\	Nov. 10, 2023	Nov 09, 2024
Thermometer	BTE	\	\	Dec. 02, 2023	Dec. 01, 2024
Broad Band Tissue Simulation Liquid	Schmid	\	\	N/A	N/A

## Note:

Per KDB865664D01 requirements for dipole calibration, the test laboratory has adopted three year extended calibration interval. Each measured dipole is expected to evaluate with following criteria at least on annual interval.

1. There is no physical damage on the dipole;
2. System check with specific dipole is within 10% of calibrated values;
3. The most recent return-loss results, measured at least annually, deviates by no more than 20% from the previous measurement;
4. The most recent measurement of the real or imaginary parts of the impedance, measured at least annually is within 5Ω from the previous measurement.



## 8. Specific Absorption Rate (SAR)

### 8.1 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.

### 8.2 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 ( $\rho$ ). The equation description is as below:

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

SAR is expressed in units of Watts per kilogram (W/kg)

SAR measurement can be either related to the temperature elevation in tissue by

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

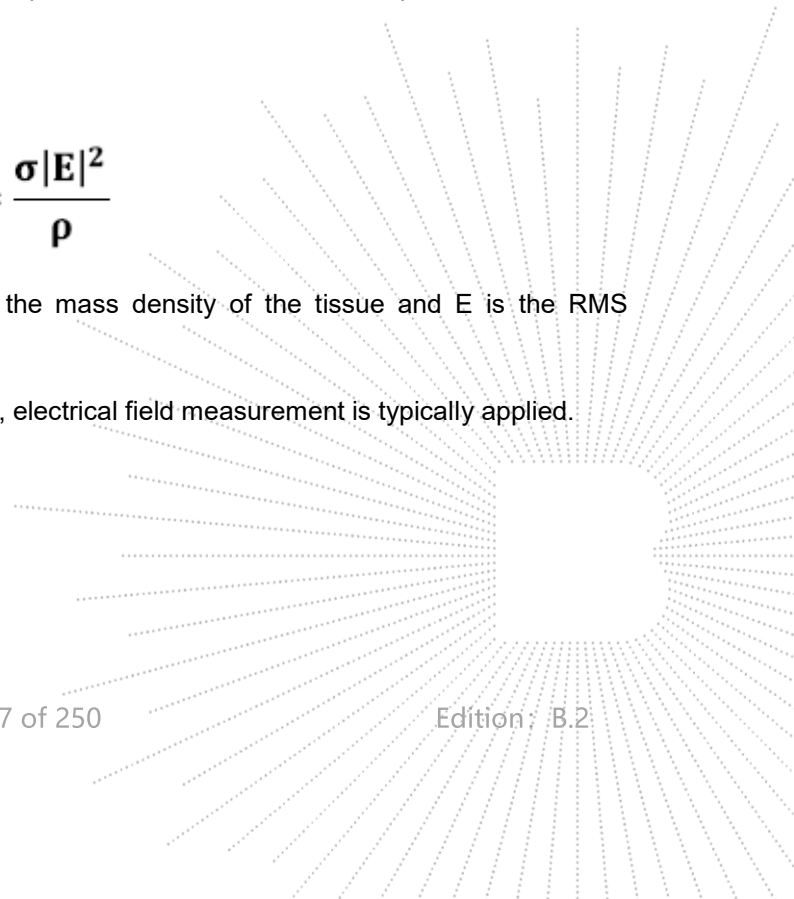
Where: C is the specific heat capacity,  $\delta T$  is the temperature rise and  $\delta t$  is the exposure duration, or related to the

electrical field in the tissue by

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

Where:  $\sigma$  is the conductivity of the tissue,  $\rho$  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.



## 9. SAR Measurement System

### 9.1 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.

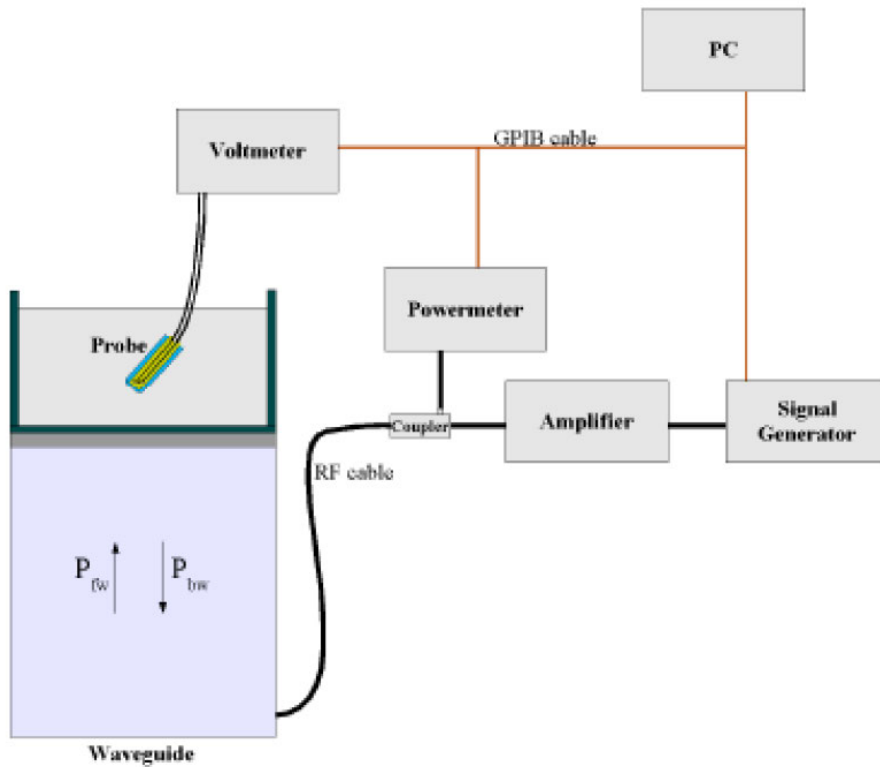
### 9.2 Probe

For the measurements the Specific Dosimetric E-Field Probe SN 46/21 EPGO362 with following specifications is used

- Dynamic range: 0.01-100 W/kg
- Tip Diameter : 5 mm
- Distance between probe tip and sensor center: 2.10mm
- Distance between sensor center and the inner phantom surface: 4 mm (repeatability better than +/- 1mm)
- Probe linearity: <0.25 dB
- Axial Isotropy: <0.25 dB
- Spherical Isotropy: <0.50 dB
- Calibration range: 835 to 2500MHz for head & body simulating liquid.

Angle between probe axis (evaluation axis) and surface normal line: less than 30°

Probe calibration is realized, in compliance with EN 62209-1 and IEEE 1528 STD, with CALISAR, Antenna proprietary calibration system. The calibration is performed with the EN 62209-1 annex technique using reference guide at the five frequencies.



$$SAR = \frac{4(p_{f_w} - p_{p_{bw}})}{ab\delta} \cos^2 \left( \pi \frac{y}{a} \right) c^{(2\pi/\delta)}$$

Where :

$P_{fw}$  = Forward Power

$P_{bw}$  = Backward Power

a and b = Waveguide dimensions

$l$  = 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:

$$CF(N) = SAR(N)/V_{lin}(N) \quad (N=1,2,3)$$

The linearised output voltage  $V_{lin}(N)$  is obtained from the displayed output voltage  $V(N)$  using

$$V_{lin}(N) = V(N) * (1 + V(N)/DCP(N)) \quad (N=1,2,3)$$

where DCP is the diode compression point in mV.

### 9.3 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/cm<sup>2</sup>) 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/cm<sup>2</sup>.

#### 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.

Where:

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

$\Delta t$  = exposure time (30 seconds),

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

$\Delta T$  = temperature increase due to RF exposure.

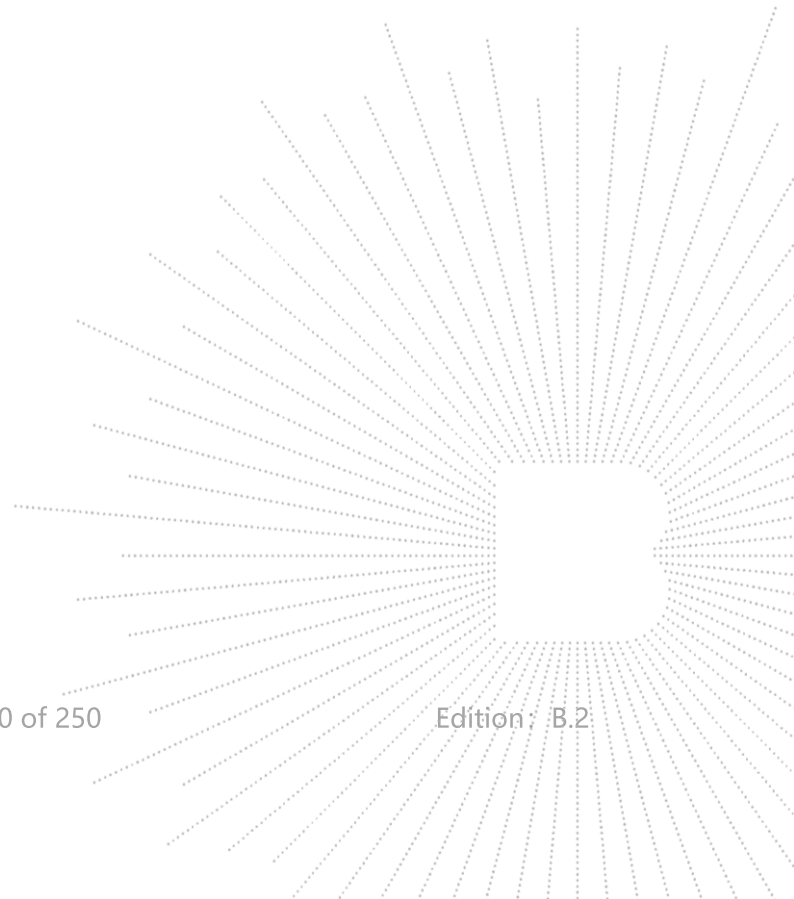
SAR is proportional to  $\Delta T/\Delta t$ , the initial rate of tissue heating, before thermal diffusion takes place. The electric field in the simulated tissue can be used to estimate SAR by equating the thermally derived SAR to that with the E- field component.

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

Where:

$\sigma$  = simulated tissue conductivity,

$\rho$  = Tissue density (1.25 g/cm<sup>3</sup> for brain tissue)

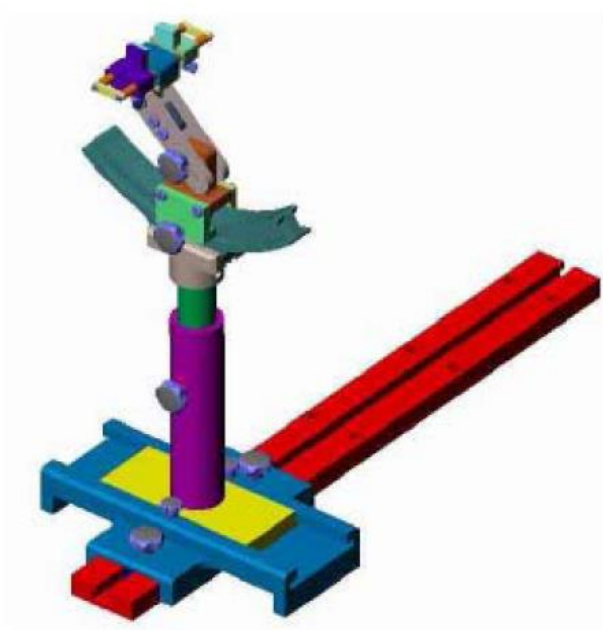


### 9.4 Phantom

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.

### 9.5 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

## 10. Tissue Simulating Liquids

### 10.1 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 Body SAR

The Composition of Tissue Simulating Liquid

Frequency (MHz)	Water (%)	Salt (%)	1,2-Propane diol (%)	HEC (%)	Preventol (%)	DGBE (%)
<b>Head/Body</b>						
835	40.3	1.4	57.9	0.2	0.2	0
900	40.3	1.4	57.9	0.2	0.2	0
1800-2000	55.2	0.3	0	0	0	44.5
2450	55.0	0.1	0	0	0	44.9
2600	54.9	0.1	0	0	0	45.0

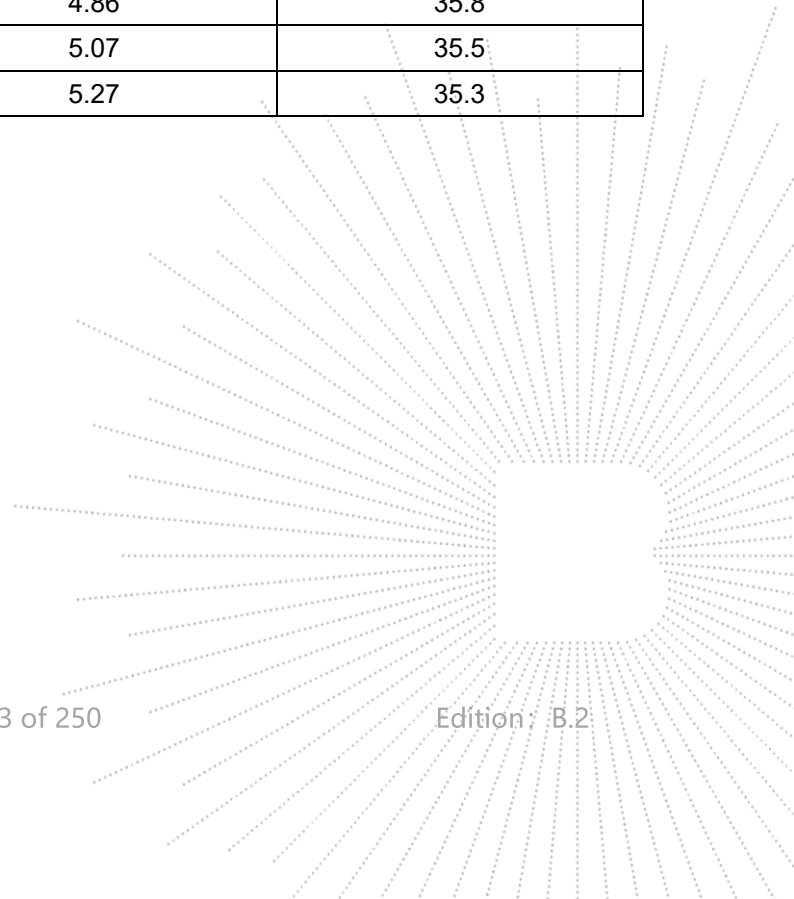
Frequency (MHz)	Water (%)	Hexyl Carbitol (%)	Triton X-100 (%)
<b>Head/Body</b>			
5000-6000	65.52	17.24	17.24

## 10.2 Limit

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in P1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head and body tissue parameters that have not been specified in P1528 are derived from the tissue dielectric parameters

computed from the 4-Cole-Cole equations described in Reference [12] and extrapolated according to the head parameters specified in P1528.

Target Frequency (MHz)	Head	
	Conductivity ( $\sigma$ )	Permittivity ( $\epsilon_r$ )
150	0.76	52.3
300	0.87	45.3
450	0.87	43.5
750	0.89	41.9
835	0.90	41.5
900	0.97	41.5
915	0.98	41.5
1450	1.20	40.5
1610	1.29	40.3
1800-2000	1.40	40.0
2450	1.80	39.2
2600	1.96	39.0
3000	2.40	38.5
5200	4.66	36.0
5400	4.86	35.8
5600	5.07	35.5
5800	5.27	35.3



### 10.3 Tissue Calibration Result

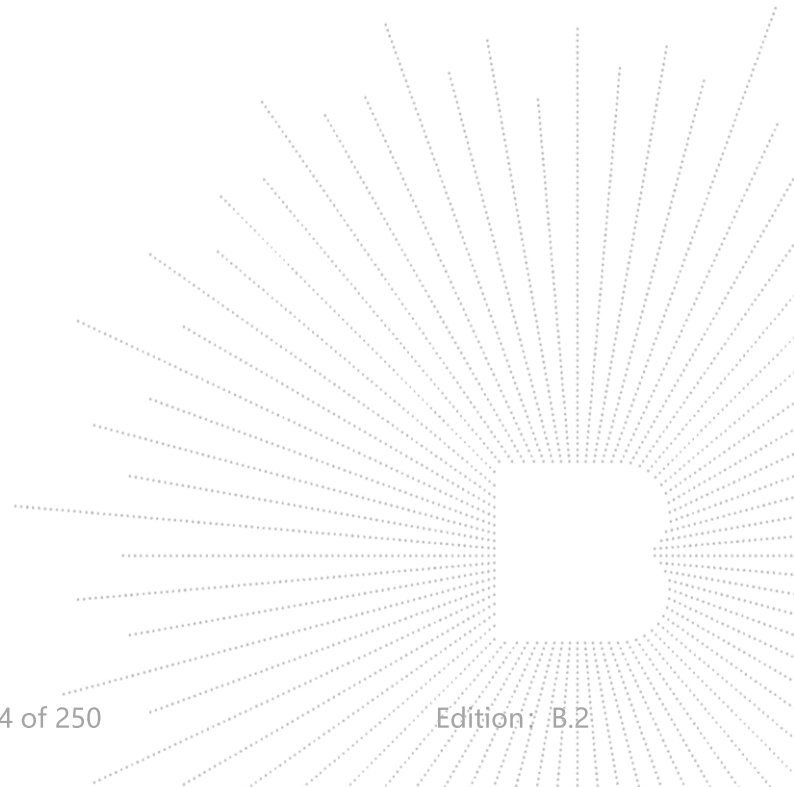
The dielectric parameters of the liquids were verified prior to the SAR evaluation using an R&S ZVB 8. Dielectric Probe Kit and an Agilent Network Analyzer.

Calibration Result for Dielectric Parameters of Tissue Simulating Liquid

Frequency (MHz)	Liquid	Target ( $\sigma$ )	Target ( $\epsilon_r$ )	Measured ( $\sigma$ )	Measured ( $\epsilon_r$ )	Delta ( $\sigma$ )%	Delta ( $\epsilon_r$ )%	Limit (%)	Temp . TSL (°C)	Date
750	Head	0.89	41.90	0.871	40.930	-2.13	-2.32	±5	22.9	20/9/2024
835	Head	0.90	41.50	0.868	41.848	-3.56	0.84	±5	23.9	23/9/2024
1800	Head	1.40	40.00	1.351	38.952	-3.50	-2.62	±5	23.2	24/9/2024
1900	Head	1.40	40.00	1.440	38.586	2.86	-3.54	±5	23.8	25/9/2024
2450	Head	1.80	39.20	1.856	37.944	3.11	-3.20	±5	23.3	26/9/2024
2600	Head	1.96	39.00	1.998	38.624	1.94	-0.96	±5	22.9	20/9/2024
5200	Head	4.66	36.00	4.722	34.405	1.33	-4.43	±5	23.3	26/9/2024
5800	Head	5.27	35.30	5.137	35.685	-2.52	1.09	±5	23.3	26/9/2024

**Remark:**

1. The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within  $\pm 2^\circ\text{C}$  of the temperature when the tissue parameters are characterized.
2. The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.





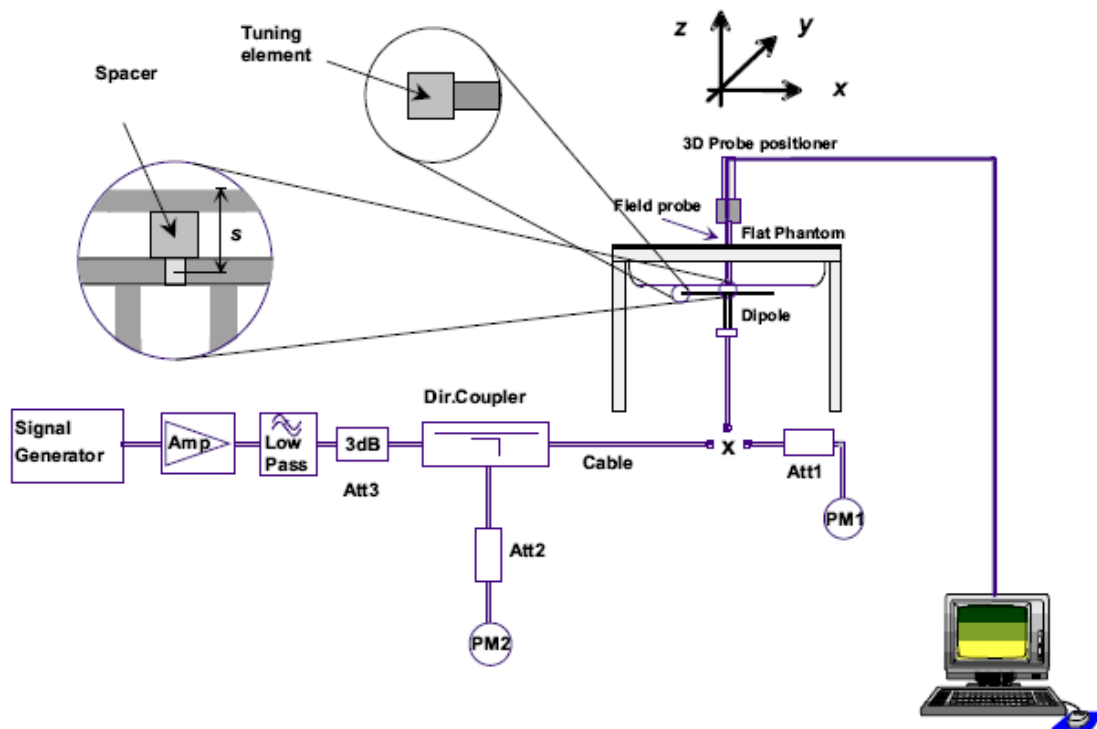
## 11. System Check

### 11.1 Purpose of System Performance Check

At the device test frequencies. System check verifies the measurement repeatability of a SAR system before compliance testing and is not a validation of all system specifications. The latter is not required for testing a device but is mandatory before the system is deployed. The system check detects possible short-term drift and unacceptable measurement errors or uncertainties in the system.

### 11.2 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 600MHz-6000MHz. 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. The output power on dipole port must be calibrated to 20 dBm (100 mW) before dipole is connected.



System Verification Setup Block Diagram



Setup Photo of Dipole Antenna

### 11.3 Validation Results

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

Frequency (MHz)	Power	Measured SAR <sub>1g</sub> (W/Kg)	Normalize to 1 Watt	Drift (%)	1W Target	Difference Percentage (%)	Limit (%)	Liquid Temp	Date
					SAR <sub>1g</sub> (W/Kg)				
750	250 mW	2.234	8.936	-0.787	8.58	4.149	±10	23.0	20/9/2024
835	250 mW	2.621	10.483	-1.070	10.01	4.725	±10	23.5	23/9/2024
1800	250 mW	9.646	38.585	2.419	39.74	-2.906	±10	23.0	24/9/2024
1900	250 mW	10.105	40.420	-3.865	41.26	-2.036	±10	23.5	25/9/2024
2450	250 mW	13.445	53.779	1.019	55.16	-2.504	±10	23.1	26/9/2024
2600	250 mW	14.387	57.546	3.252	56.50	1.851	±10	23.0	20/9/2024
5200	250 mW	18.187	72.748	-2.271	76.41	-4.793	±10	23.1	26/9/2024
5800	250 mW	18.793	75.173	-2.032	76.49	-1.722	±10	23.1	26/9/2024

## 12. EUT Testing Position

### 12.1 Define Two Imaginary Lines on the Handset

(a) The vertical centerline passes through two points on the front side of the handset - the midpoint of the width  $w_t$  of the handset at the level of the acoustic output, and the midpoint of the width  $w_b$  of the bottom of the handset.

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

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

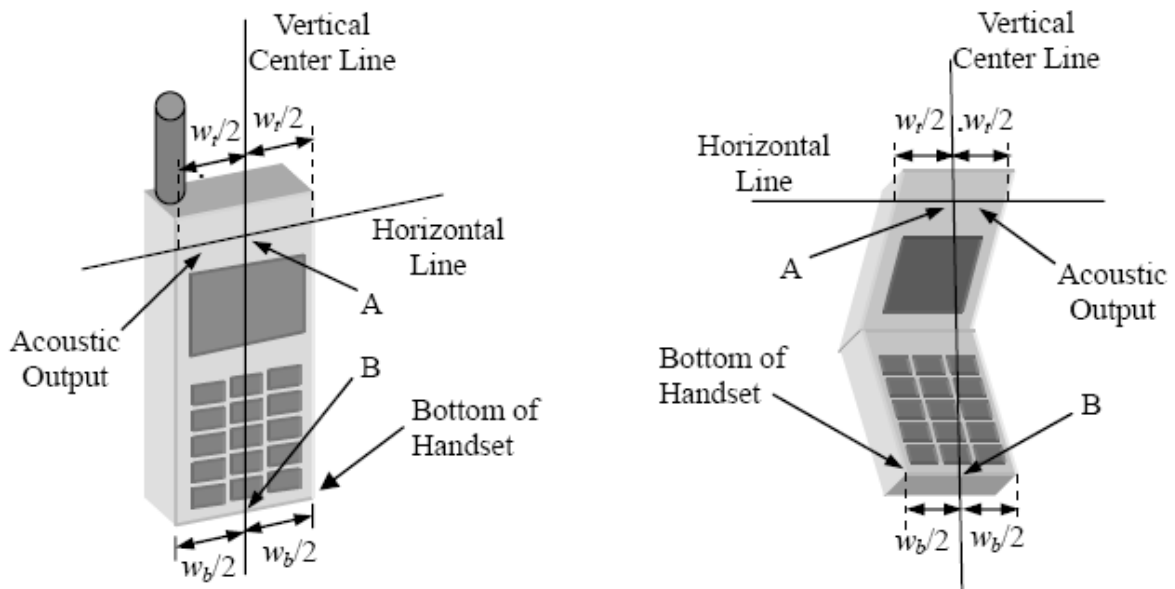


Illustration for Handset Vertical and Horizontal Reference Lines

### 12.2 Cheek Position

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

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

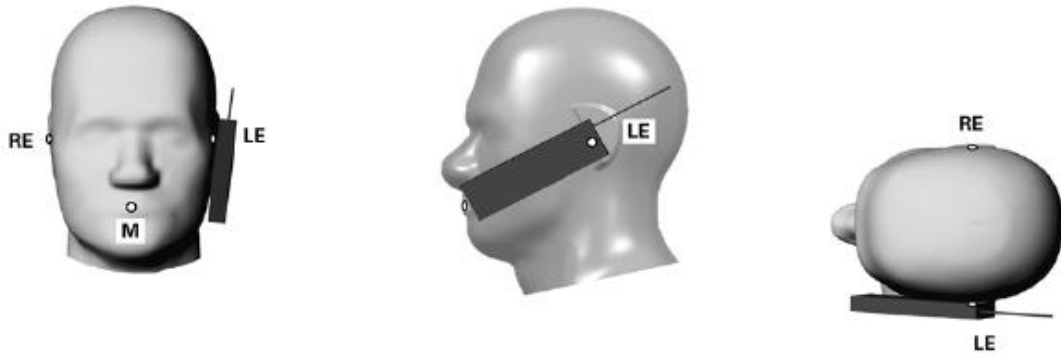


Illustration for Cheek Position

### 12.3 Tilted Position

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

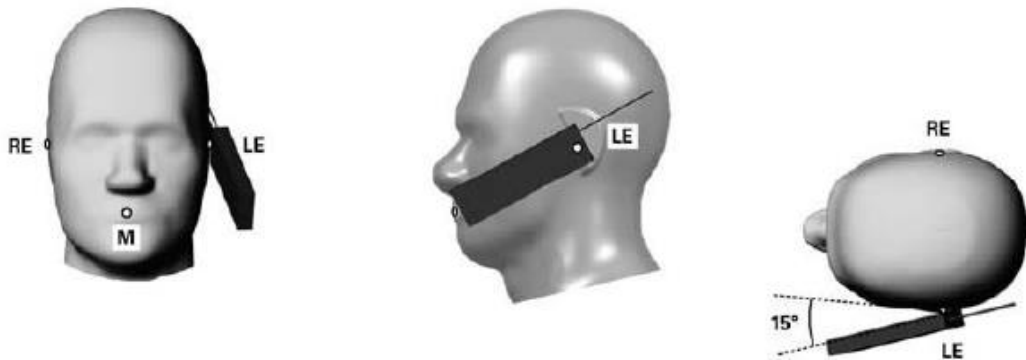
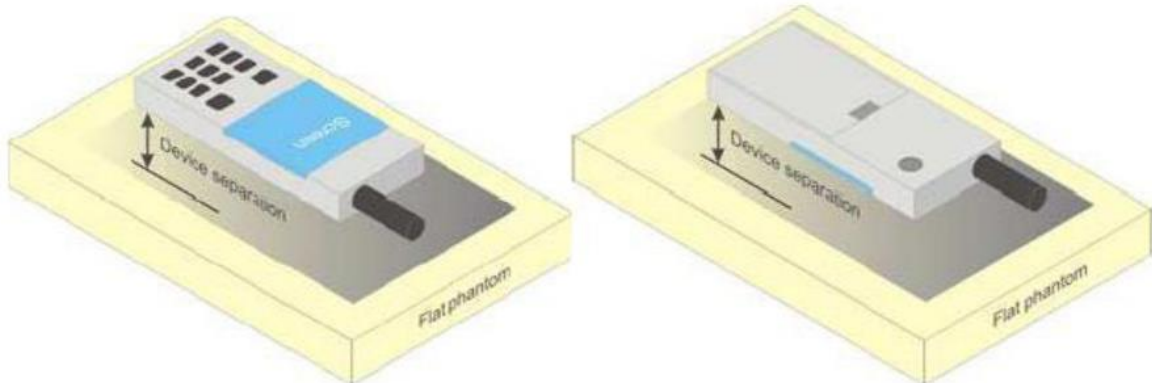


Illustration for Tilted Position

### 12.4 Body Position

A typical example of a body-worn device is a Mobile Phone , wireless enabled PDA or other battery operated wireless device with the ability to transmit while mounted on a person’s body using a carry accessory approved by the wireless device manufacturer.



Test positions for body-worn devices

## 13. SAR Measurement Procedures

### 13.1 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

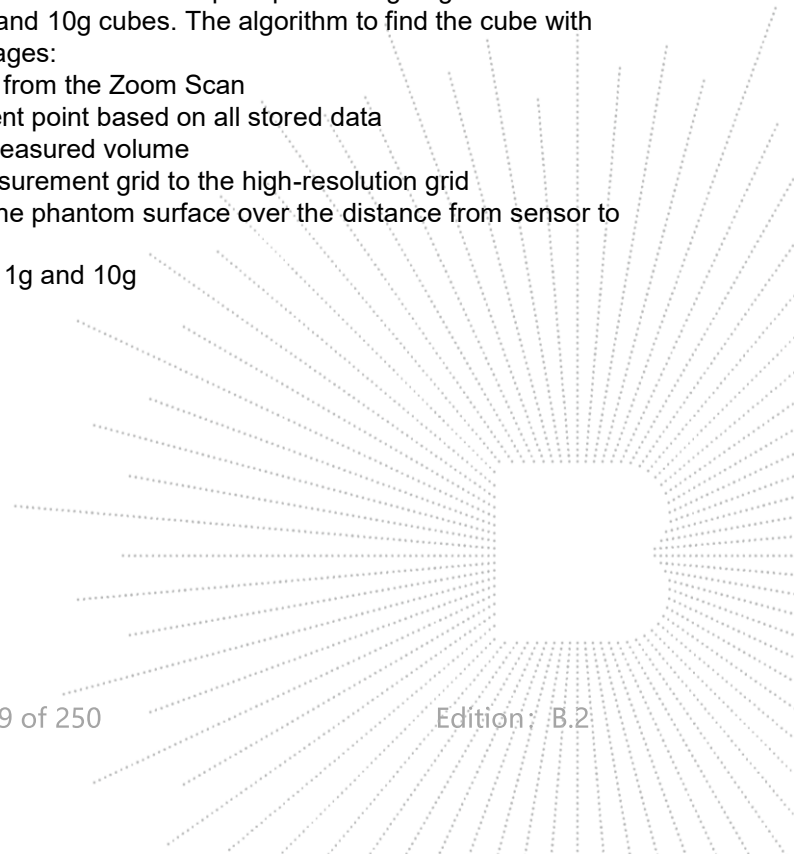
### 13.2 Spatial Peak SAR Evaluation

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:

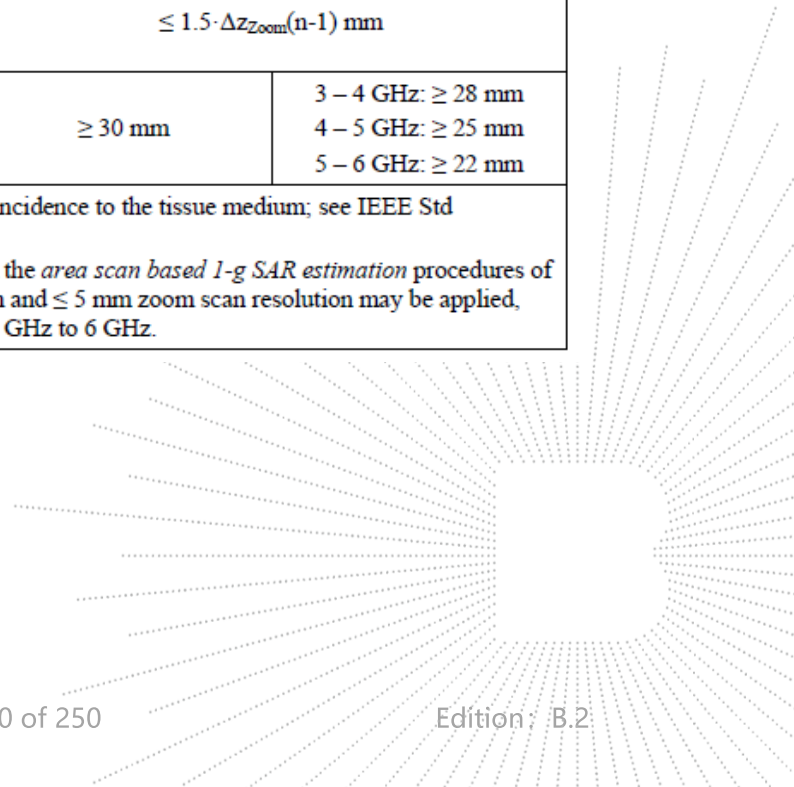
- (a) Extraction of the measured data (grid and values) from the Zoom Scan
- (b) Calculation of the SAR value at every measurement point based on all stored data
- (c) Generation of a high-resolution mesh within the measured volume
- (d) Interpolation of all measured values from the measurement grid 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



### 13.3 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.

		$\leq 3$ GHz	$> 3$ GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface		5 mm $\pm$ 1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2)$ mm $\pm$ 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location		30° $\pm$ 1°	20° $\pm$ 1°
Maximum area scan spatial resolution: $\Delta x_{Area}$ , $\Delta y_{Area}$		$\leq 2$ GHz: $\leq 15$ mm 2 – 3 GHz: $\leq 12$ mm	3 – 4 GHz: $\leq 12$ mm 4 – 6 GHz: $\leq 10$ mm
		When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: $\Delta x_{Zoom}$ , $\Delta y_{Zoom}$		$\leq 2$ GHz: $\leq 8$ mm 2 – 3 GHz: $\leq 5$ mm*	3 – 4 GHz: $\leq 5$ mm* 4 – 6 GHz: $\leq 4$ mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$	$\leq 5$ mm	3 – 4 GHz: $\leq 4$ mm 4 – 5 GHz: $\leq 3$ mm 5 – 6 GHz: $\leq 2$ mm
	graded grid	$\Delta z_{Zoom}(1)$ : between 1 <sup>st</sup> two points closest to phantom surface	$\leq 4$ mm
		$\Delta z_{Zoom}(n>1)$ : between subsequent points	$\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$ mm
Minimum zoom scan volume	x, y, z	$\geq 30$ mm	3 – 4 GHz: $\geq 28$ mm 4 – 5 GHz: $\geq 25$ mm 5 – 6 GHz: $\geq 22$ mm
Note: $\delta$ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details. * When zoom scan is required and the <i>reported</i> SAR from the <i>area scan based 1-g SAR estimation</i> procedures of KDB Publication 447498 is $\leq 1.4$ W/kg, $\leq 8$ mm, $\leq 7$ mm and $\leq 5$ mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.			



### 13.4 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.

### 13.5 SAR Averaged Methods

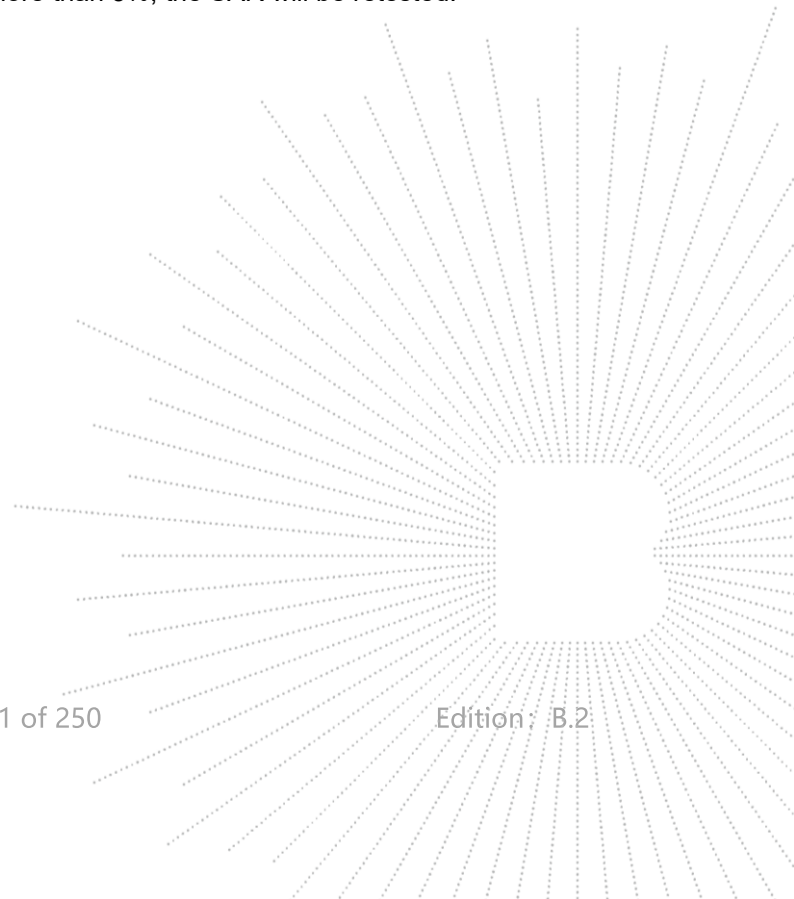
The local SAR inside the phantom is measured using small dipole sensing elements inside a probe body. The probe tip must not be in contact with the phantom surface in order to minimize measurements errors, but the highest local SAR will occur at the surface of the phantom.

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.

### 13.6 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.



## 14. SAR Test Result

### 14.1 Conducted RF Output Power

BDR, EDR			
Mode	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
1-DH1	2402	5.68	6.0
1-DH1	2441	1.04	
1-DH1	2480	-0.45	
2-DH1	2402	4.78	5.0
2-DH1	2441	0.13	
2-DH1	2480	-1.30	
3-DH1	2402	4.53	5.0
3-DH1	2441	-0.06	
3-DH1	2480	-1.49	

BLE			
Mode	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
BLE 1M	2402	5.91	6.0
BLE 1M	2440	0.93	
BLE 1M	2480	-0.50	

**Note:**

Per KDB 447498 D01v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$$\left[ \frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{min. test separation distance, mm}} \right] \cdot [\sqrt{f(\text{GHz})}]$$

$\leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

Turn up Power (dBm)	Turn up Power (mW)	Separation Distance (mm)	Frequency (GHz)	Result	Exclusion Thresholds
6.0	3.98	5	2.48	1.25	3

Per KDB 447498 D01v06, when the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

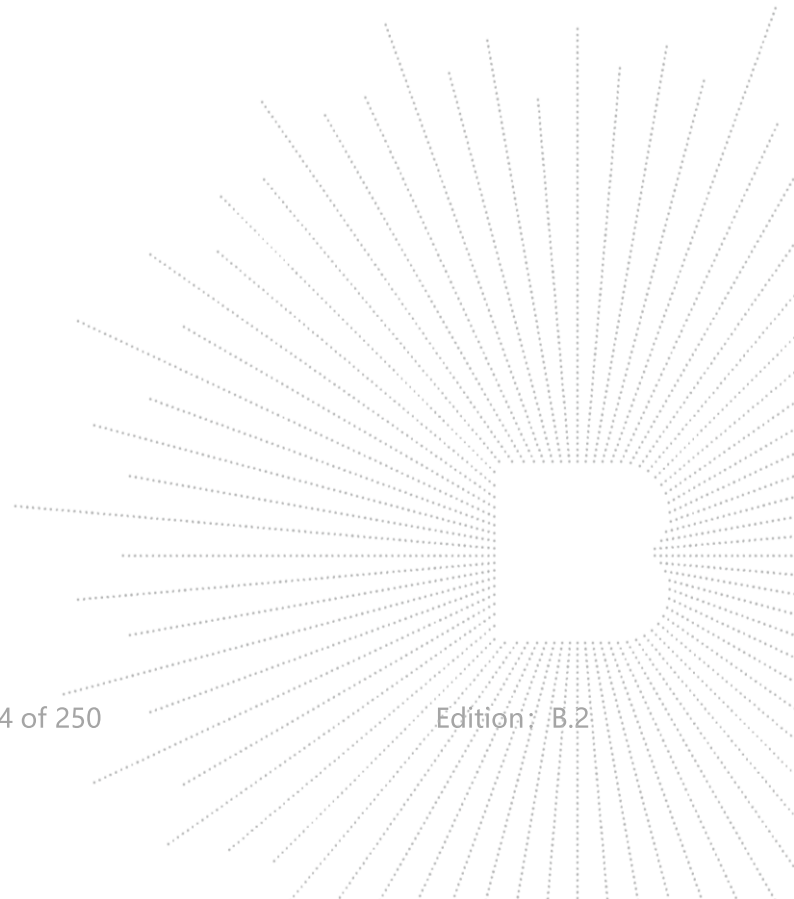
According to the calculation results in the table above, Bluetooth SAR does not need to be tested.



WIFI 2.4G			
Mode	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
b	2412	11.85	12.5
b	2437	12.40	
b	2462	11.99	
g	2412	10.07	11.0
g	2437	10.55	
g	2462	10.33	
n20	2412	9.17	10.0
n20	2437	9.61	
n20	2462	9.19	
n40	2422	8.43	9.0
n40	2437	8.61	
n40	2452	8.57	

WIFI 5.1G			
Mode	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
a	5180	9.82	10.5
a	5200	9.66	
a	5240	10.07	
n20	5180	8.28	8.5
n20	5200	8.41	
n20	5240	8.25	
n40	5190	7.59	8.0
n40	5230	7.77	
ac20	5180	8.49	8.5
ac20	5200	8.44	
ac20	5240	8.21	
ac40	5190	7.56	8.0
ac40	5230	7.86	
ac80	5210	6.56	7.0

WIFI 5.8G			
Mode	Frequency (MHz)	Conducted Power (dBm)	Tune-up power (dBm)
a	5745	10.29	11.0
a	5785	9.60	
a	5825	10.88	
n20	5745	8.66	10.0
n20	5785	8.42	
n20	5825	9.76	
n40	5755	7.67	8.0
n40	5795	7.96	
ac20	5745	8.70	10.0
ac20	5785	8.52	
ac20	5825	9.86	
ac40	5755	7.74	8.0
ac40	5795	7.96	
ac80	5775	7.33	7.5



GSM - Burst Average Power (dBm)								
Band	GSM850			Tune-up	GSM1900			Tune-up
Channel	128	190	251		512	661	810	
Frequency (MHz)	824.2	836.6	848.8		1850.2	1880	1909.8	
GSM	32.87	32.91	<b>32.95</b>	33.0	29.27	29.16	29.11	29.5
GPRS Slot -1	32.84	32.90	32.94	33.0	<b>29.30</b>	29.18	29.16	29.5
GPRS Slot -2	31.77	31.71	31.77	32.0	28.17	28.03	28.07	28.5
GPRS Slot -3	29.60	29.44	29.44	30.0	25.93	25.86	25.91	26.0
GPRS Slot -4	28.34	28.34	28.20	28.5	24.67	24.59	24.61	25.0
EGPRS Slot -1	26.94	26.74	27.16	27.5	25.78	25.34	25.74	26.0
EGPRS Slot -2	26.25	25.88	25.91	26.5	24.59	24.54	24.72	25.0
EGPRS Slot -3	24.07	23.92	24.09	24.5	22.56	22.45	22.46	23.0
EGPRS Slot -4	23.19	22.78	23.23	23.0	21.40	21.18	21.54	22.0

GSM - Source-Based Time-Average Power (dBm)						
Band	GSM850			GSM1900		
Channel	128	190	251	512	661	810
Frequency (MHz)	824.2	836.6	848.8	1850.2	1880	1909.8
GSM	23.87	23.91	23.95	20.27	20.16	20.11
GPRS Slot -1	23.84	23.90	23.94	20.30	20.18	20.16
GPRS Slot -2	<b>25.77</b>	25.71	25.77	<b>22.17</b>	22.03	22.07
GPRS Slot -3	25.35	25.19	25.19	21.68	21.61	21.66
GPRS Slot -4	25.34	25.34	25.20	21.67	21.59	21.61
EGPRS Slot -1	17.94	17.74	18.16	16.78	16.34	16.74
EGPRS Slot -2	20.25	19.88	19.91	18.59	18.54	18.72
EGPRS Slot -3	19.82	19.67	19.84	18.31	18.20	18.21
EGPRS Slot -4	20.19	19.78	20.23	18.40	18.18	18.54

**Notes:**
**Division Factors**

To average the power, the division factor is as follows:

1TX-slot = 1 transmit time slot out of 8 time slots=&gt; conducted power divided by (8/1) =&gt; -9.00dB

2TX-slots = 2 transmit time slots out of 8 time slots=&gt; conducted power divided by (8/2) =&gt; -6.00dB

3TX-slots = 3 transmit time slots out of 8 time slots=&gt; conducted power divided by (8/3) =&gt; -4.26dB

4TX-slots = 4 transmit time slots out of 8 time slots=&gt; conducted power divided by (8/4) =&gt; -3.00dB

Band	WCDMA Band II			WCDMA Band IV				
Channel	9262	9400	9538	Tune-up	1312	1450	1513	Tune-up
Frequency (MHz)	1852.4	1880.0	1907.6		1712.4	1740	1752.6	
RMC 12.2K	21.85	<b>21.93</b>	21.75	22.0	<b>21.99</b>	21.86	21.85	22.0
HSDPA Subtest-1	20.90	20.98	20.80	21.0	21.05	20.94	20.89	21.5
HSDPA Subtest-2	20.25	20.66	20.43		20.78	20.51	20.42	
HSDPA Subtest-3	19.49	19.56	19.41		19.40	19.46	19.35	
HSDPA Subtest-4	19.54	19.76	19.36		19.74	19.33	19.26	
HSUPA Subtest-1	19.85	20.77	20.62	21.0	19.71	20.82	20.69	21.5
HSUPA Subtest-2	20.79	20.83	20.68		21.03	20.81	20.80	
HSUPA Subtest-3	19.12	19.79	19.57		19.20	19.52	19.59	
HSUPA Subtest-4	20.90	20.97	20.80		21.05	20.98	20.91	
HSUPA Subtest-5	19.37	20.24	20.24		19.65	20.32	20.30	

Band	WCDMA Band V							
Channel	4132	4182	4233	Tune-up				
Frequency (MHz)	826.4	836.4	846.6					
RMC 12.2K	22.71	<b>22.92</b>	22.92	23.0				
HSDPA Subtest-1	21.73	21.92	21.96	22.0				
HSDPA Subtest-2	21.32	21.43	21.43					
HSDPA Subtest-3	20.12	20.66	20.05					
HSDPA Subtest-4	20.30	20.37	20.63					
HSUPA Subtest-1	20.56	21.70	21.79	22.0				
HSUPA Subtest-2	21.66	21.82	21.78					
HSUPA Subtest-3	20.17	20.73	20.73					
HSUPA Subtest-4	21.69	21.94	21.96					
HSUPA Subtest-5	19.99	21.18	21.34					

## Note:

- Per KDB 941225 D01 v03, the 12.2kbps RMC mode was selected for SAR testing (the primary mode).
- When the maximum output power and tune-up tolerance specified for production units in a secondary mode is  $\leq 1/4$ dB higher than the primary mode (RMC12.2kbps) 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  $\leq 1.2$  W/kg, SAR measurement is not required for the secondary mode.

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	22.80	-0.41	22.39	PASS
Band2	1.4	18607	1	#Mid	QPSK	22.93	-0.41	22.52	PASS
Band2	1.4	18607	1	#Max	QPSK	22.86	-0.41	22.45	PASS
Band2	1.4	18607	3	#0	QPSK	22.85	-0.41	22.44	PASS
Band2	1.4	18607	3	#Mid	QPSK	22.86	-0.41	22.45	PASS
Band2	1.4	18607	3	#Max	QPSK	22.86	-0.41	22.45	PASS
Band2	1.4	18607	6	#0	QPSK	21.89	-0.41	21.48	PASS
Band2	1.4	18607	1	#0	16QAM	21.88	-0.41	21.47	PASS
Band2	1.4	18607	1	#Mid	16QAM	21.97	-0.41	21.56	PASS
Band2	1.4	18607	1	#Max	16QAM	21.88	-0.41	21.47	PASS
Band2	1.4	18607	3	#0	16QAM	22.04	-0.41	21.63	PASS
Band2	1.4	18607	3	#Mid	16QAM	22.05	-0.41	21.64	PASS
Band2	1.4	18607	3	#Max	16QAM	22.00	-0.41	21.59	PASS
Band2	1.4	18607	6	#0	16QAM	21.10	-0.41	20.69	PASS
Band2	1.4	18900	1	#0	QPSK	22.57	-0.41	22.16	PASS
Band2	1.4	18900	1	#Mid	QPSK	22.68	-0.41	22.27	PASS
Band2	1.4	18900	1	#Max	QPSK	22.59	-0.41	22.18	PASS
Band2	1.4	18900	3	#0	QPSK	22.73	-0.41	22.32	PASS
Band2	1.4	18900	3	#Mid	QPSK	22.79	-0.41	22.38	PASS
Band2	1.4	18900	3	#Max	QPSK	22.69	-0.41	22.28	PASS
Band2	1.4	18900	6	#0	QPSK	21.72	-0.41	21.31	PASS
Band2	1.4	18900	1	#0	16QAM	21.80	-0.41	21.39	PASS
Band2	1.4	18900	1	#Mid	16QAM	21.82	-0.41	21.41	PASS
Band2	1.4	18900	1	#Max	16QAM	21.80	-0.41	21.39	PASS
Band2	1.4	18900	3	#0	16QAM	21.94	-0.41	21.53	PASS
Band2	1.4	18900	3	#Mid	16QAM	21.99	-0.41	21.58	PASS
Band2	1.4	18900	3	#Max	16QAM	21.95	-0.41	21.54	PASS
Band2	1.4	18900	6	#0	16QAM	20.94	-0.41	20.53	PASS
Band2	1.4	19193	1	#0	QPSK	22.66	-0.41	22.25	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.74	-0.41	22.33	PASS
Band2	1.4	19193	1	#Max	QPSK	22.67	-0.41	22.26	PASS
Band2	1.4	19193	3	#0	QPSK	22.72	-0.41	22.31	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.71	-0.41	22.30	PASS
Band2	1.4	19193	3	#Max	QPSK	22.68	-0.41	22.27	PASS
Band2	1.4	19193	6	#0	QPSK	21.76	-0.41	21.35	PASS
Band2	1.4	19193	1	#0	16QAM	21.42	-0.41	21.01	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.50	-0.41	21.09	PASS
Band2	1.4	19193	1	#Max	16QAM	21.45	-0.41	21.04	PASS
Band2	1.4	19193	3	#0	16QAM	21.82	-0.41	21.41	PASS
Band2	1.4	19193	3	#Mid	16QAM	21.86	-0.41	21.45	PASS
Band2	1.4	19193	3	#Max	16QAM	21.83	-0.41	21.42	PASS
Band2	1.4	19193	6	#0	16QAM	20.95	-0.41	20.54	PASS
Band2	3	18615	1	#0	QPSK	22.59	-0.41	22.18	PASS
Band2	3	18615	1	#Mid	QPSK	22.67	-0.41	22.26	PASS
Band2	3	18615	1	#Max	QPSK	22.55	-0.41	22.14	PASS
Band2	3	18615	8	#0	QPSK	21.82	-0.41	21.41	PASS
Band2	3	18615	8	#Mid	QPSK	21.84	-0.41	21.43	PASS
Band2	3	18615	8	#Max	QPSK	21.81	-0.41	21.40	PASS
Band2	3	18615	15	#0	QPSK	21.77	-0.41	21.36	PASS
Band2	3	18615	1	#0	16QAM	22.01	-0.41	21.60	PASS
Band2	3	18615	1	#Mid	16QAM	22.09	-0.41	21.68	PASS
Band2	3	18615	1	#Max	16QAM	21.97	-0.41	21.56	PASS
Band2	3	18615	8	#0	16QAM	20.86	-0.41	20.45	PASS
Band2	3	18615	8	#Mid	16QAM	20.89	-0.41	20.48	PASS

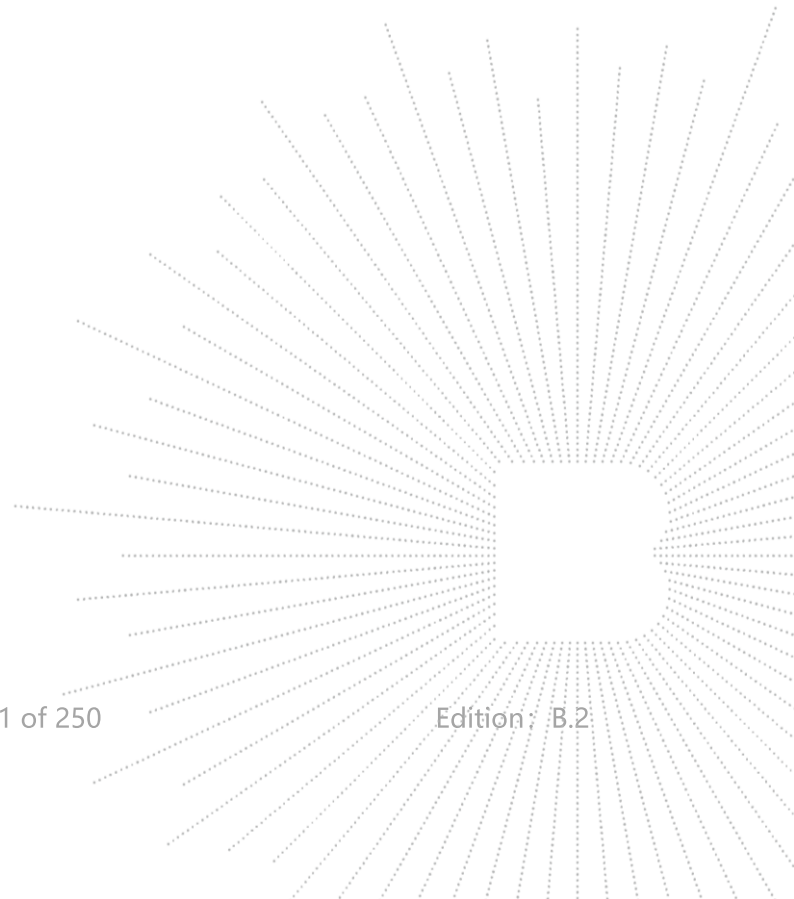
Band2	3	18615	8	#Max	16QAM	20.83	-0.41	20.42	PASS
Band2	3	18615	15	#0	16QAM	20.80	-0.41	20.39	PASS
Band2	3	18900	1	#0	QPSK	22.49	-0.41	22.08	PASS
Band2	3	18900	1	#Mid	QPSK	22.61	-0.41	22.20	PASS
Band2	3	18900	1	#Max	QPSK	22.56	-0.41	22.15	PASS
Band2	3	18900	8	#0	QPSK	21.64	-0.41	21.23	PASS
Band2	3	18900	8	#Mid	QPSK	21.71	-0.41	21.30	PASS
Band2	3	18900	8	#Max	QPSK	21.70	-0.41	21.29	PASS
Band2	3	18900	15	#0	QPSK	21.68	-0.41	21.27	PASS
Band2	3	18900	1	#0	16QAM	21.39	-0.41	20.98	PASS
Band2	3	18900	1	#Mid	16QAM	21.46	-0.41	21.05	PASS
Band2	3	18900	1	#Max	16QAM	21.31	-0.41	20.90	PASS
Band2	3	18900	8	#0	16QAM	20.69	-0.41	20.28	PASS
Band2	3	18900	8	#Mid	16QAM	20.70	-0.41	20.29	PASS
Band2	3	18900	8	#Max	16QAM	20.74	-0.41	20.33	PASS
Band2	3	18900	15	#0	16QAM	20.78	-0.41	20.37	PASS
Band2	3	19185	1	#0	QPSK	22.41	-0.41	22.00	PASS
Band2	3	19185	1	#Mid	QPSK	22.60	-0.41	22.19	PASS
Band2	3	19185	1	#Max	QPSK	22.60	-0.41	22.19	PASS
Band2	3	19185	8	#0	QPSK	21.65	-0.41	21.24	PASS
Band2	3	19185	8	#Mid	QPSK	21.73	-0.41	21.32	PASS
Band2	3	19185	8	#Max	QPSK	21.71	-0.41	21.30	PASS
Band2	3	19185	15	#0	QPSK	21.70	-0.41	21.29	PASS
Band2	3	19185	1	#0	16QAM	21.30	-0.41	20.89	PASS
Band2	3	19185	1	#Mid	16QAM	21.43	-0.41	21.02	PASS
Band2	3	19185	1	#Max	16QAM	21.31	-0.41	20.90	PASS
Band2	3	19185	8	#0	16QAM	20.63	-0.41	20.22	PASS
Band2	3	19185	8	#Mid	16QAM	20.72	-0.41	20.31	PASS
Band2	3	19185	8	#Max	16QAM	20.70	-0.41	20.29	PASS
Band2	3	19185	15	#0	16QAM	20.77	-0.41	20.36	PASS
Band2	5	18625	1	#0	QPSK	22.90	-0.41	22.49	PASS
Band2	5	18625	1	#Mid	QPSK	22.91	-0.41	22.50	PASS
Band2	5	18625	1	#Max	QPSK	22.81	-0.41	22.40	PASS
Band2	5	18625	12	#0	QPSK	21.83	-0.41	21.42	PASS
Band2	5	18625	12	#Mid	QPSK	21.93	-0.41	21.52	PASS
Band2	5	18625	12	#Max	QPSK	21.86	-0.41	21.45	PASS
Band2	5	18625	25	#0	QPSK	21.87	-0.41	21.46	PASS
Band2	5	18625	1	#0	16QAM	22.39	-0.41	21.98	PASS
Band2	5	18625	1	#Mid	16QAM	22.42	-0.41	22.01	PASS
Band2	5	18625	1	#Max	16QAM	22.36	-0.41	21.95	PASS
Band2	5	18625	12	#0	16QAM	20.88	-0.41	20.47	PASS
Band2	5	18625	12	#Mid	16QAM	20.95	-0.41	20.54	PASS
Band2	5	18625	12	#Max	16QAM	20.91	-0.41	20.50	PASS
Band2	5	18625	25	#0	16QAM	20.88	-0.41	20.47	PASS
Band2	5	18900	1	#0	QPSK	22.71	-0.41	22.30	PASS
Band2	5	18900	1	#Mid	QPSK	22.77	-0.41	22.36	PASS
Band2	5	18900	1	#Max	QPSK	22.69	-0.41	22.28	PASS
Band2	5	18900	12	#0	QPSK	21.73	-0.41	21.32	PASS
Band2	5	18900	12	#Mid	QPSK	21.83	-0.41	21.42	PASS
Band2	5	18900	12	#Max	QPSK	21.78	-0.41	21.37	PASS
Band2	5	18900	25	#0	QPSK	21.81	-0.41	21.40	PASS
Band2	5	18900	1	#0	16QAM	22.08	-0.41	21.67	PASS
Band2	5	18900	1	#Mid	16QAM	22.13	-0.41	21.72	PASS
Band2	5	18900	1	#Max	16QAM	22.05	-0.41	21.64	PASS
Band2	5	18900	12	#0	16QAM	20.75	-0.41	20.34	PASS
Band2	5	18900	12	#Mid	16QAM	20.89	-0.41	20.48	PASS
Band2	5	18900	12	#Max	16QAM	20.83	-0.41	20.42	PASS

Band2	5	18900	25	#0	16QAM	0.00	-0.41	-0.41	PASS
Band2	5	19175	1	#0	QPSK	22.64	-0.41	22.23	PASS
Band2	5	19175	1	#Mid	QPSK	22.74	-0.41	22.33	PASS
Band2	5	19175	1	#Max	QPSK	22.67	-0.41	22.26	PASS
Band2	5	19175	12	#0	QPSK	21.76	-0.41	21.35	PASS
Band2	5	19175	12	#Mid	QPSK	21.81	-0.41	21.40	PASS
Band2	5	19175	12	#Max	QPSK	21.80	-0.41	21.39	PASS
Band2	5	19175	25	#0	QPSK	21.79	-0.41	21.38	PASS
Band2	5	19175	1	#0	16QAM	22.06	-0.41	21.65	PASS
Band2	5	19175	1	#Mid	16QAM	22.07	-0.41	21.66	PASS
Band2	5	19175	1	#Max	16QAM	22.01	-0.41	21.60	PASS
Band2	5	19175	12	#0	16QAM	20.75	-0.41	20.34	PASS
Band2	5	19175	12	#Mid	16QAM	20.86	-0.41	20.45	PASS
Band2	5	19175	12	#Max	16QAM	20.85	-0.41	20.44	PASS
Band2	5	19175	25	#0	16QAM	20.75	-0.41	20.34	PASS
Band2	10	18650	1	#0	QPSK	23.04	-0.41	22.63	PASS
Band2	10	18650	1	#Mid	QPSK	23.01	-0.41	22.60	PASS
Band2	10	18650	1	#Max	QPSK	22.94	-0.41	22.53	PASS
Band2	10	18650	25	#0	QPSK	21.78	-0.41	21.37	PASS
Band2	10	18650	25	#Mid	QPSK	21.94	-0.41	21.53	PASS
Band2	10	18650	25	#Max	QPSK	21.88	-0.41	21.47	PASS
Band2	10	18650	50	#0	QPSK	21.86	-0.41	21.45	PASS
Band2	10	18650	1	#0	16QAM	21.82	-0.41	21.41	PASS
Band2	10	18650	1	#Mid	16QAM	21.75	-0.41	21.34	PASS
Band2	10	18650	1	#Max	16QAM	21.71	-0.41	21.30	PASS
Band2	10	18650	25	#0	16QAM	20.83	-0.41	20.42	PASS
Band2	10	18650	25	#Mid	16QAM	20.92	-0.41	20.51	PASS
Band2	10	18650	25	#Max	16QAM	20.92	-0.41	20.51	PASS
Band2	10	18650	50	#0	16QAM	20.83	-0.41	20.42	PASS
Band2	10	18900	1	#0	QPSK	22.78	-0.41	22.37	PASS
Band2	10	18900	1	#Mid	QPSK	22.81	-0.41	22.40	PASS
Band2	10	18900	1	#Max	QPSK	22.81	-0.41	22.40	PASS
Band2	10	18900	25	#0	QPSK	21.74	-0.41	21.33	PASS
Band2	10	18900	25	#Mid	QPSK	21.80	-0.41	21.39	PASS
Band2	10	18900	25	#Max	QPSK	21.84	-0.41	21.43	PASS
Band2	10	18900	50	#0	QPSK	21.82	-0.41	21.41	PASS
Band2	10	18900	1	#0	16QAM	22.21	-0.41	21.80	PASS
Band2	10	18900	1	#Mid	16QAM	22.28	-0.41	21.87	PASS
Band2	10	18900	1	#Max	16QAM	22.22	-0.41	21.81	PASS
Band2	10	18900	25	#0	16QAM	20.79	-0.41	20.38	PASS
Band2	10	18900	25	#Mid	16QAM	20.88	-0.41	20.47	PASS
Band2	10	18900	25	#Max	16QAM	20.93	-0.41	20.52	PASS
Band2	10	18900	50	#0	16QAM	20.85	-0.41	20.44	PASS
Band2	10	19150	1	#0	QPSK	22.81	-0.41	22.40	PASS
Band2	10	19150	1	#Mid	QPSK	22.92	-0.41	22.51	PASS
Band2	10	19150	1	#Max	QPSK	22.90	-0.41	22.49	PASS
Band2	10	19150	25	#0	QPSK	21.80	-0.41	21.39	PASS
Band2	10	19150	25	#Mid	QPSK	21.86	-0.41	21.45	PASS
Band2	10	19150	25	#Max	QPSK	21.78	-0.41	21.37	PASS
Band2	10	19150	50	#0	QPSK	21.87	-0.41	21.46	PASS
Band2	10	19150	1	#0	16QAM	21.68	-0.41	21.27	PASS
Band2	10	19150	1	#Mid	16QAM	21.72	-0.41	21.31	PASS
Band2	10	19150	1	#Max	16QAM	21.64	-0.41	21.23	PASS
Band2	10	19150	25	#0	16QAM	20.81	-0.41	20.40	PASS
Band2	10	19150	25	#Mid	16QAM	20.85	-0.41	20.44	PASS
Band2	10	19150	25	#Max	16QAM	0.00	-0.41	-0.41	PASS
Band2	10	19150	50	#0	16QAM	0.00	-0.41	-0.41	PASS

Band2	15	18675	1	#0	QPSK	22.85	-0.41	22.44	PASS
Band2	15	18675	1	#Mid	QPSK	22.89	-0.41	22.48	PASS
Band2	15	18675	1	#Max	QPSK	22.76	-0.41	22.35	PASS
Band2	15	18675	36	#0	QPSK	21.81	-0.41	21.40	PASS
Band2	15	18675	36	#Mid	QPSK	21.89	-0.41	21.48	PASS
Band2	15	18675	36	#Max	QPSK	21.85	-0.41	21.44	PASS
Band2	15	18675	75	#0	QPSK	21.85	-0.41	21.44	PASS
Band2	15	18675	1	#0	16QAM	22.27	-0.41	21.86	PASS
Band2	15	18675	1	#Mid	16QAM	22.30	-0.41	21.89	PASS
Band2	15	18675	1	#Max	16QAM	22.21	-0.41	21.80	PASS
Band2	15	18675	36	#0	16QAM	20.83	-0.41	20.42	PASS
Band2	15	18675	36	#Mid	16QAM	20.97	-0.41	20.56	PASS
Band2	15	18675	36	#Max	16QAM	20.86	-0.41	20.45	PASS
Band2	15	18675	75	#0	16QAM	20.82	-0.41	20.41	PASS
Band2	15	18900	1	#0	QPSK	22.68	-0.41	22.27	PASS
Band2	15	18900	1	#Mid	QPSK	22.85	-0.41	22.44	PASS
Band2	15	18900	1	#Max	QPSK	22.75	-0.41	22.34	PASS
Band2	15	18900	36	#0	QPSK	21.75	-0.41	21.34	PASS
Band2	15	18900	36	#Mid	QPSK	21.83	-0.41	21.42	PASS
Band2	15	18900	36	#Max	QPSK	21.89	-0.41	21.48	PASS
Band2	15	18900	75	#0	QPSK	21.87	-0.41	21.46	PASS
Band2	15	18900	1	#0	16QAM	21.93	-0.41	21.52	PASS
Band2	15	18900	1	#Mid	16QAM	22.05	-0.41	21.64	PASS
Band2	15	18900	1	#Max	16QAM	21.93	-0.41	21.52	PASS
Band2	15	18900	36	#0	16QAM	20.77	-0.41	20.36	PASS
Band2	15	18900	36	#Mid	16QAM	20.87	-0.41	20.46	PASS
Band2	15	18900	36	#Max	16QAM	20.91	-0.41	20.50	PASS
Band2	15	18900	75	#0	16QAM	20.82	-0.41	20.41	PASS
Band2	15	19125	1	#0	QPSK	22.78	-0.41	22.37	PASS
Band2	15	19125	1	#Mid	QPSK	22.89	-0.41	22.48	PASS
Band2	15	19125	1	#Max	QPSK	22.78	-0.41	22.37	PASS
Band2	15	19125	36	#0	QPSK	21.85	-0.41	21.44	PASS
Band2	15	19125	36	#Mid	QPSK	21.84	-0.41	21.43	PASS
Band2	15	19125	36	#Max	QPSK	21.82	-0.41	21.41	PASS
Band2	15	19125	75	#0	QPSK	21.86	-0.41	21.45	PASS
Band2	15	19125	1	#0	16QAM	21.84	-0.41	21.43	PASS
Band2	15	19125	1	#Mid	16QAM	21.95	-0.41	21.54	PASS
Band2	15	19125	1	#Max	16QAM	21.82	-0.41	21.41	PASS
Band2	15	19125	36	#0	16QAM	20.74	-0.41	20.33	PASS
Band2	15	19125	36	#Mid	16QAM	20.81	-0.41	20.40	PASS
Band2	15	19125	36	#Max	16QAM	20.72	-0.41	20.31	PASS
Band2	15	19125	75	#0	16QAM	20.85	-0.41	20.44	PASS
Band2	20	18700	1	#0	QPSK	22.79	-0.41	22.38	PASS
Band2	20	18700	1	#Mid	QPSK	22.88	-0.41	22.47	PASS
Band2	20	18700	1	#Max	QPSK	22.67	-0.41	22.26	PASS
Band2	20	18700	50	#0	QPSK	21.74	-0.41	21.33	PASS
Band2	20	18700	50	#Mid	QPSK	21.93	-0.41	21.52	PASS
Band2	20	18700	50	#Max	QPSK	21.86	-0.41	21.45	PASS
Band2	20	18700	100	#0	QPSK	21.78	-0.41	21.37	PASS
Band2	20	18700	1	#0	16QAM	22.13	-0.41	21.72	PASS
Band2	20	18700	1	#Mid	16QAM	22.28	-0.41	21.87	PASS
Band2	20	18700	1	#Max	16QAM	22.05	-0.41	21.64	PASS
Band2	20	18700	50	#0	16QAM	20.80	-0.41	20.39	PASS
Band2	20	18700	50	#Mid	16QAM	20.98	-0.41	20.57	PASS
Band2	20	18700	50	#Max	16QAM	20.89	-0.41	20.48	PASS
Band2	20	18700	100	#0	16QAM	20.78	-0.41	20.37	PASS
Band2	20	18900	1	#0	QPSK	22.69	-0.41	22.28	PASS



Band2	20	18900	1	#Mid	QPSK	22.95	-0.41	22.54	PASS
Band2	20	18900	1	#Max	QPSK	22.73	-0.41	22.32	PASS
Band2	20	18900	50	#0	QPSK	21.75	-0.41	21.34	PASS
Band2	20	18900	50	#Mid	QPSK	21.86	-0.41	21.45	PASS
Band2	20	18900	50	#Max	QPSK	21.89	-0.41	21.48	PASS
Band2	20	18900	100	#0	QPSK	21.83	-0.41	21.42	PASS
Band2	20	18900	1	#0	16QAM	21.94	-0.41	21.53	PASS
Band2	20	18900	1	#Mid	16QAM	22.15	-0.41	21.74	PASS
Band2	20	18900	1	#Max	16QAM	21.90	-0.41	21.49	PASS
Band2	20	18900	50	#0	16QAM	20.77	-0.41	20.36	PASS
Band2	20	18900	50	#Mid	16QAM	20.86	-0.41	20.45	PASS
Band2	20	18900	50	#Max	16QAM	20.93	-0.41	20.52	PASS
Band2	20	18900	100	#0	16QAM	20.85	-0.41	20.44	PASS
Band2	20	19100	1	#0	QPSK	22.61	-0.41	22.20	PASS
Band2	20	19100	1	#Mid	QPSK	22.86	-0.41	22.45	PASS
Band2	20	19100	1	#Max	QPSK	22.69	-0.41	22.28	PASS
Band2	20	19100	50	#0	QPSK	21.85	-0.41	21.44	PASS
Band2	20	19100	50	#Mid	QPSK	21.88	-0.41	21.47	PASS
Band2	20	19100	50	#Max	QPSK	21.75	-0.41	21.34	PASS
Band2	20	19100	100	#0	QPSK	21.80	-0.41	21.39	PASS
Band2	20	19100	1	#0	16QAM	21.89	-0.41	21.48	PASS
Band2	20	19100	1	#Mid	16QAM	22.11	-0.41	21.70	PASS
Band2	20	19100	1	#Max	16QAM	21.90	-0.41	21.49	PASS
Band2	20	19100	50	#0	16QAM	20.93	-0.41	20.52	PASS
Band2	20	19100	50	#Mid	16QAM	20.93	-0.41	20.52	PASS
Band2	20	19100	50	#Max	16QAM	20.84	-0.41	20.43	PASS
Band2	20	19100	100	#0	16QAM	20.79	-0.41	20.38	PASS



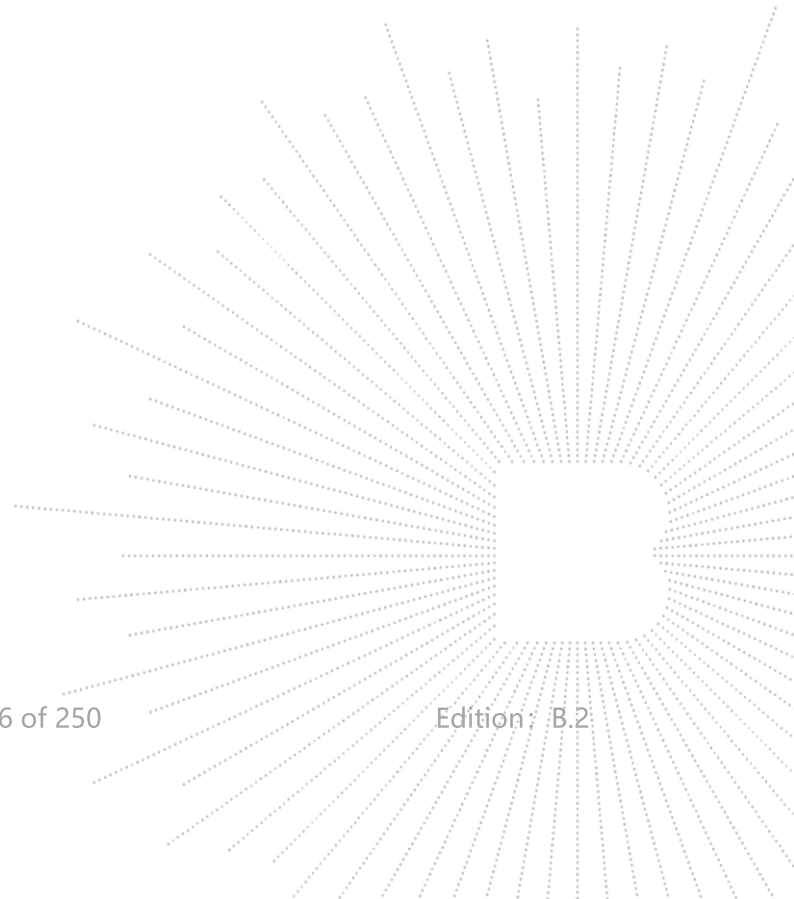
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.92	-0.38	22.54	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.91	-0.38	22.53	PASS
Band4	1.4	19957	1	#Max	QPSK	22.84	-0.38	22.46	PASS
Band4	1.4	19957	3	#0	QPSK	22.79	-0.38	22.41	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.84	-0.38	22.46	PASS
Band4	1.4	19957	3	#Max	QPSK	22.80	-0.38	22.42	PASS
Band4	1.4	19957	6	#0	QPSK	21.87	-0.38	21.49	PASS
Band4	1.4	19957	1	#0	16QAM	21.82	-0.38	21.44	PASS
Band4	1.4	19957	1	#Mid	16QAM	21.89	-0.38	21.51	PASS
Band4	1.4	19957	1	#Max	16QAM	21.82	-0.38	21.44	PASS
Band4	1.4	19957	3	#0	16QAM	21.98	-0.38	21.60	PASS
Band4	1.4	19957	3	#Mid	16QAM	22.01	-0.38	21.63	PASS
Band4	1.4	19957	3	#Max	16QAM	21.93	-0.38	21.55	PASS
Band4	1.4	19957	6	#0	16QAM	21.04	-0.38	20.66	PASS
Band4	1.4	20175	1	#0	QPSK	22.56	-0.38	22.18	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20175	1	#Max	QPSK	22.54	-0.38	22.16	PASS
Band4	1.4	20175	3	#0	QPSK	22.71	-0.38	22.33	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.76	-0.38	22.38	PASS
Band4	1.4	20175	3	#Max	QPSK	22.71	-0.38	22.33	PASS
Band4	1.4	20175	6	#0	QPSK	21.75	-0.38	21.37	PASS
Band4	1.4	20175	1	#0	16QAM	21.85	-0.38	21.47	PASS
Band4	1.4	20175	1	#Mid	16QAM	21.84	-0.38	21.46	PASS
Band4	1.4	20175	1	#Max	16QAM	21.80	-0.38	21.42	PASS
Band4	1.4	20175	3	#0	16QAM	21.97	-0.38	21.59	PASS
Band4	1.4	20175	3	#Mid	16QAM	22.02	-0.38	21.64	PASS
Band4	1.4	20175	3	#Max	16QAM	21.97	-0.38	21.59	PASS
Band4	1.4	20175	6	#0	16QAM	20.97	-0.38	20.59	PASS
Band4	1.4	20393	1	#0	QPSK	22.61	-0.38	22.23	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.71	-0.38	22.33	PASS
Band4	1.4	20393	1	#Max	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	3	#0	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	3	#Max	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	6	#0	QPSK	21.72	-0.38	21.34	PASS
Band4	1.4	20393	1	#0	16QAM	21.34	-0.38	20.96	PASS
Band4	1.4	20393	1	#Mid	16QAM	21.43	-0.38	21.05	PASS
Band4	1.4	20393	1	#Max	16QAM	21.37	-0.38	20.99	PASS
Band4	1.4	20393	3	#0	16QAM	21.75	-0.38	21.37	PASS
Band4	1.4	20393	3	#Mid	16QAM	21.78	-0.38	21.40	PASS
Band4	1.4	20393	3	#Max	16QAM	21.75	-0.38	21.37	PASS
Band4	1.4	20393	6	#0	16QAM	20.88	-0.38	20.50	PASS
Band4	3	19965	1	#0	QPSK	22.52	-0.38	22.14	PASS
Band4	3	19965	1	#Mid	QPSK	22.62	-0.38	22.24	PASS
Band4	3	19965	1	#Max	QPSK	22.52	-0.38	22.14	PASS
Band4	3	19965	8	#0	QPSK	21.73	-0.38	21.35	PASS
Band4	3	19965	8	#Mid	QPSK	21.83	-0.38	21.45	PASS
Band4	3	19965	8	#Max	QPSK	21.81	-0.38	21.43	PASS
Band4	3	19965	15	#0	QPSK	21.71	-0.38	21.33	PASS
Band4	3	19965	1	#0	16QAM	21.94	-0.38	21.56	PASS
Band4	3	19965	1	#Mid	16QAM	22.01	-0.38	21.63	PASS
Band4	3	19965	1	#Max	16QAM	21.88	-0.38	21.50	PASS
Band4	3	19965	8	#0	16QAM	20.82	-0.38	20.44	PASS
Band4	3	19965	8	#Mid	16QAM	20.89	-0.38	20.51	PASS

Band4	3	19965	8	#Max	16QAM	20.84	-0.38	20.46	PASS
Band4	3	19965	15	#0	16QAM	20.84	-0.38	20.46	PASS
Band4	3	20175	1	#0	QPSK	22.48	-0.38	22.10	PASS
Band4	3	20175	1	#Mid	QPSK	22.53	-0.38	22.15	PASS
Band4	3	20175	1	#Max	QPSK	22.42	-0.38	22.04	PASS
Band4	3	20175	8	#0	QPSK	21.66	-0.38	21.28	PASS
Band4	3	20175	8	#Mid	QPSK	21.71	-0.38	21.33	PASS
Band4	3	20175	8	#Max	QPSK	21.68	-0.38	21.30	PASS
Band4	3	20175	15	#0	QPSK	21.63	-0.38	21.25	PASS
Band4	3	20175	1	#0	16QAM	21.67	-0.38	21.29	PASS
Band4	3	20175	1	#Mid	16QAM	21.73	-0.38	21.35	PASS
Band4	3	20175	1	#Max	16QAM	21.64	-0.38	21.26	PASS
Band4	3	20175	8	#0	16QAM	20.75	-0.38	20.37	PASS
Band4	3	20175	8	#Mid	16QAM	20.80	-0.38	20.42	PASS
Band4	3	20175	8	#Max	16QAM	20.69	-0.38	20.31	PASS
Band4	3	20175	15	#0	16QAM	20.68	-0.38	20.30	PASS
Band4	3	20385	1	#0	QPSK	22.44	-0.38	22.06	PASS
Band4	3	20385	1	#Mid	QPSK	22.56	-0.38	22.18	PASS
Band4	3	20385	1	#Max	QPSK	22.55	-0.38	22.17	PASS
Band4	3	20385	8	#0	QPSK	21.60	-0.38	21.22	PASS
Band4	3	20385	8	#Mid	QPSK	21.67	-0.38	21.29	PASS
Band4	3	20385	8	#Max	QPSK	21.64	-0.38	21.26	PASS
Band4	3	20385	15	#0	QPSK	21.59	-0.38	21.21	PASS
Band4	3	20385	1	#0	16QAM	21.23	-0.38	20.85	PASS
Band4	3	20385	1	#Mid	16QAM	21.29	-0.38	20.91	PASS
Band4	3	20385	1	#Max	16QAM	21.22	-0.38	20.84	PASS
Band4	3	20385	8	#0	16QAM	20.59	-0.38	20.21	PASS
Band4	3	20385	8	#Mid	16QAM	20.64	-0.38	20.26	PASS
Band4	3	20385	8	#Max	16QAM	20.67	-0.38	20.29	PASS
Band4	3	20385	15	#0	16QAM	20.69	-0.38	20.31	PASS
Band4	5	19975	1	#0	QPSK	22.80	-0.38	22.42	PASS
Band4	5	19975	1	#Mid	QPSK	22.83	-0.38	22.45	PASS
Band4	5	19975	1	#Max	QPSK	22.80	-0.38	22.42	PASS
Band4	5	19975	12	#0	QPSK	21.76	-0.38	21.38	PASS
Band4	5	19975	12	#Mid	QPSK	21.86	-0.38	21.48	PASS
Band4	5	19975	12	#Max	QPSK	21.83	-0.38	21.45	PASS
Band4	5	19975	25	#0	QPSK	21.80	-0.38	21.42	PASS
Band4	5	19975	1	#0	16QAM	22.24	-0.38	21.86	PASS
Band4	5	19975	1	#Mid	16QAM	22.33	-0.38	21.95	PASS
Band4	5	19975	1	#Max	16QAM	22.28	-0.38	21.90	PASS
Band4	5	19975	12	#0	16QAM	20.80	-0.38	20.42	PASS
Band4	5	19975	12	#Mid	16QAM	20.91	-0.38	20.53	PASS
Band4	5	19975	12	#Max	16QAM	20.91	-0.38	20.53	PASS
Band4	5	19975	25	#0	16QAM	20.87	-0.38	20.49	PASS
Band4	5	20175	1	#0	QPSK	22.71	-0.38	22.33	PASS
Band4	5	20175	1	#Mid	QPSK	22.77	-0.38	22.39	PASS
Band4	5	20175	1	#Max	QPSK	22.74	-0.38	22.36	PASS
Band4	5	20175	12	#0	QPSK	21.71	-0.38	21.33	PASS
Band4	5	20175	12	#Mid	QPSK	21.79	-0.38	21.41	PASS
Band4	5	20175	12	#Max	QPSK	21.75	-0.38	21.37	PASS
Band4	5	20175	25	#0	QPSK	21.76	-0.38	21.38	PASS
Band4	5	20175	1	#0	16QAM	22.09	-0.38	21.71	PASS
Band4	5	20175	1	#Mid	16QAM	22.13	-0.38	21.75	PASS
Band4	5	20175	1	#Max	16QAM	22.03	-0.38	21.65	PASS
Band4	5	20175	12	#0	16QAM	20.77	-0.38	20.39	PASS
Band4	5	20175	12	#Mid	16QAM	20.84	-0.38	20.46	PASS
Band4	5	20175	12	#Max	16QAM	20.76	-0.38	20.38	PASS

Band4	5	20175	25	#0	16QAM	20.85	-0.38	20.47	PASS
Band4	5	20375	1	#0	QPSK	22.57	-0.38	22.19	PASS
Band4	5	20375	1	#Mid	QPSK	22.65	-0.38	22.27	PASS
Band4	5	20375	1	#Max	QPSK	22.59	-0.38	22.21	PASS
Band4	5	20375	12	#0	QPSK	21.62	-0.38	21.24	PASS
Band4	5	20375	12	#Mid	QPSK	21.68	-0.38	21.30	PASS
Band4	5	20375	12	#Max	QPSK	21.67	-0.38	21.29	PASS
Band4	5	20375	25	#0	QPSK	21.64	-0.38	21.26	PASS
Band4	5	20375	1	#0	16QAM	21.83	-0.38	21.45	PASS
Band4	5	20375	1	#Mid	16QAM	21.92	-0.38	21.54	PASS
Band4	5	20375	1	#Max	16QAM	21.88	-0.38	21.50	PASS
Band4	5	20375	12	#0	16QAM	20.68	-0.38	20.30	PASS
Band4	5	20375	12	#Mid	16QAM	20.76	-0.38	20.38	PASS
Band4	5	20375	12	#Max	16QAM	20.74	-0.38	20.36	PASS
Band4	5	20375	25	#0	16QAM	20.68	-0.38	20.30	PASS
Band4	10	20000	1	#0	QPSK	22.82	-0.38	22.44	PASS
Band4	10	20000	1	#Mid	QPSK	22.88	-0.38	22.50	PASS
Band4	10	20000	1	#Max	QPSK	22.79	-0.38	22.41	PASS
Band4	10	20000	25	#0	QPSK	21.74	-0.38	21.36	PASS
Band4	10	20000	25	#Mid	QPSK	21.88	-0.38	21.50	PASS
Band4	10	20000	25	#Max	QPSK	21.86	-0.38	21.48	PASS
Band4	10	20000	50	#0	QPSK	21.84	-0.38	21.46	PASS
Band4	10	20000	1	#0	16QAM	22.21	-0.38	21.83	PASS
Band4	10	20000	1	#Mid	16QAM	22.28	-0.38	21.90	PASS
Band4	10	20000	1	#Max	16QAM	22.22	-0.38	21.84	PASS
Band4	10	20000	25	#0	16QAM	20.87	-0.38	20.49	PASS
Band4	10	20000	25	#Mid	16QAM	20.92	-0.38	20.54	PASS
Band4	10	20000	25	#Max	16QAM	20.95	-0.38	20.57	PASS
Band4	10	20000	50	#0	16QAM	20.86	-0.38	20.48	PASS
Band4	10	20175	1	#0	QPSK	22.88	-0.38	22.50	PASS
Band4	10	20175	1	#Mid	QPSK	22.89	-0.38	22.51	PASS
Band4	10	20175	1	#Max	QPSK	22.78	-0.38	22.40	PASS
Band4	10	20175	25	#0	QPSK	21.74	-0.38	21.36	PASS
Band4	10	20175	25	#Mid	QPSK	21.81	-0.38	21.43	PASS
Band4	10	20175	25	#Max	QPSK	21.75	-0.38	21.37	PASS
Band4	10	20175	50	#0	QPSK	21.79	-0.38	21.41	PASS
Band4	10	20175	1	#0	16QAM	21.70	-0.38	21.32	PASS
Band4	10	20175	1	#Mid	16QAM	21.68	-0.38	21.30	PASS
Band4	10	20175	1	#Max	16QAM	21.56	-0.38	21.18	PASS
Band4	10	20175	25	#0	16QAM	20.85	-0.38	20.47	PASS
Band4	10	20175	25	#Mid	16QAM	20.87	-0.38	20.49	PASS
Band4	10	20175	25	#Max	16QAM	0.00	-0.38	-0.38	PASS
Band4	10	20175	50	#0	16QAM	0.00	-0.38	-0.38	PASS
Band4	10	20350	1	#0	QPSK	22.76	-0.38	22.38	PASS
Band4	10	20350	1	#Mid	QPSK	22.84	-0.38	22.46	PASS
Band4	10	20350	1	#Max	QPSK	22.85	-0.38	22.47	PASS
Band4	10	20350	25	#0	QPSK	21.61	-0.38	21.23	PASS
Band4	10	20350	25	#Mid	QPSK	21.65	-0.38	21.27	PASS
Band4	10	20350	25	#Max	QPSK	21.64	-0.38	21.26	PASS
Band4	10	20350	50	#0	QPSK	21.65	-0.38	21.27	PASS
Band4	10	20350	1	#0	16QAM	21.50	-0.38	21.12	PASS
Band4	10	20350	1	#Mid	16QAM	21.51	-0.38	21.13	PASS
Band4	10	20350	1	#Max	16QAM	21.51	-0.38	21.13	PASS
Band4	10	20350	25	#0	16QAM	20.69	-0.38	20.31	PASS
Band4	10	20350	25	#Mid	16QAM	20.73	-0.38	20.35	PASS
Band4	10	20350	25	#Max	16QAM	20.69	-0.38	20.31	PASS
Band4	10	20350	50	#0	16QAM	20.66	-0.38	20.28	PASS

Band4	15	20025	1	#0	QPSK	22.76	-0.38	22.38	PASS
Band4	15	20025	1	#Mid	QPSK	22.84	-0.38	22.46	PASS
Band4	15	20025	1	#Max	QPSK	22.78	-0.38	22.40	PASS
Band4	15	20025	36	#0	QPSK	21.81	-0.38	21.43	PASS
Band4	15	20025	36	#Mid	QPSK	21.93	-0.38	21.55	PASS
Band4	15	20025	36	#Max	QPSK	21.86	-0.38	21.48	PASS
Band4	15	20025	75	#0	QPSK	21.85	-0.38	21.47	PASS
Band4	15	20025	1	#0	16QAM	22.14	-0.38	21.76	PASS
Band4	15	20025	1	#Mid	16QAM	22.26	-0.38	21.88	PASS
Band4	15	20025	1	#Max	16QAM	22.19	-0.38	21.81	PASS
Band4	15	20025	36	#0	16QAM	20.85	-0.38	20.47	PASS
Band4	15	20025	36	#Mid	16QAM	21.00	-0.38	20.62	PASS
Band4	15	20025	36	#Max	16QAM	20.91	-0.38	20.53	PASS
Band4	15	20025	75	#0	16QAM	20.89	-0.38	20.51	PASS
Band4	15	20175	1	#0	QPSK	22.76	-0.38	22.38	PASS
Band4	15	20175	1	#Mid	QPSK	22.81	-0.38	22.43	PASS
Band4	15	20175	1	#Max	QPSK	22.63	-0.38	22.25	PASS
Band4	15	20175	36	#0	QPSK	21.85	-0.38	21.47	PASS
Band4	15	20175	36	#Mid	QPSK	21.79	-0.38	21.41	PASS
Band4	15	20175	36	#Max	QPSK	21.77	-0.38	21.39	PASS
Band4	15	20175	75	#0	QPSK	21.83	-0.38	21.45	PASS
Band4	15	20175	1	#0	16QAM	21.98	-0.38	21.60	PASS
Band4	15	20175	1	#Mid	16QAM	22.03	-0.38	21.65	PASS
Band4	15	20175	1	#Max	16QAM	21.80	-0.38	21.42	PASS
Band4	15	20175	36	#0	16QAM	20.92	-0.38	20.54	PASS
Band4	15	20175	36	#Mid	16QAM	20.95	-0.38	20.57	PASS
Band4	15	20175	36	#Max	16QAM	20.90	-0.38	20.52	PASS
Band4	15	20175	75	#0	16QAM	20.81	-0.38	20.43	PASS
Band4	15	20325	1	#0	QPSK	22.64	-0.38	22.26	PASS
Band4	15	20325	1	#Mid	QPSK	22.78	-0.38	22.40	PASS
Band4	15	20325	1	#Max	QPSK	22.74	-0.38	22.36	PASS
Band4	15	20325	36	#0	QPSK	21.63	-0.38	21.25	PASS
Band4	15	20325	36	#Mid	QPSK	21.71	-0.38	21.33	PASS
Band4	15	20325	36	#Max	QPSK	21.72	-0.38	21.34	PASS
Band4	15	20325	75	#0	QPSK	21.75	-0.38	21.37	PASS
Band4	15	20325	1	#0	16QAM	21.70	-0.38	21.32	PASS
Band4	15	20325	1	#Mid	16QAM	21.76	-0.38	21.38	PASS
Band4	15	20325	1	#Max	16QAM	21.73	-0.38	21.35	PASS
Band4	15	20325	36	#0	16QAM	20.62	-0.38	20.24	PASS
Band4	15	20325	36	#Mid	16QAM	20.73	-0.38	20.35	PASS
Band4	15	20325	36	#Max	16QAM	20.73	-0.38	20.35	PASS
Band4	15	20325	75	#0	16QAM	20.75	-0.38	20.37	PASS
Band4	20	20050	1	#0	QPSK	22.72	-0.38	22.34	PASS
Band4	20	20050	1	#Mid	QPSK	22.90	-0.38	22.52	PASS
Band4	20	20050	1	#Max	QPSK	22.67	-0.38	22.29	PASS
Band4	20	20050	50	#0	QPSK	21.73	-0.38	21.35	PASS
Band4	20	20050	50	#Mid	QPSK	21.88	-0.38	21.50	PASS
Band4	20	20050	50	#Max	QPSK	21.84	-0.38	21.46	PASS
Band4	20	20050	100	#0	QPSK	21.76	-0.38	21.38	PASS
Band4	20	20050	1	#0	16QAM	21.98	-0.38	21.60	PASS
Band4	20	20050	1	#Mid	16QAM	22.20	-0.38	21.82	PASS
Band4	20	20050	1	#Max	16QAM	22.07	-0.38	21.69	PASS
Band4	20	20050	50	#0	16QAM	20.90	-0.38	20.52	PASS
Band4	20	20050	50	#Mid	16QAM	20.99	-0.38	20.61	PASS
Band4	20	20050	50	#Max	16QAM	20.94	-0.38	20.56	PASS
Band4	20	20050	100	#0	16QAM	20.82	-0.38	20.44	PASS
Band4	20	20175	1	#0	QPSK	22.79	-0.38	22.41	PASS

Band4	20	20175	1	#Mid	QPSK	22.92	-0.38	22.54	PASS
Band4	20	20175	1	#Max	QPSK	22.68	-0.38	22.30	PASS
Band4	20	20175	50	#0	QPSK	21.82	-0.38	21.44	PASS
Band4	20	20175	50	#Mid	QPSK	21.84	-0.38	21.46	PASS
Band4	20	20175	50	#Max	QPSK	21.75	-0.38	21.37	PASS
Band4	20	20175	100	#0	QPSK	21.75	-0.38	21.37	PASS
Band4	20	20175	1	#0	16QAM	21.95	-0.38	21.57	PASS
Band4	20	20175	1	#Mid	16QAM	22.11	-0.38	21.73	PASS
Band4	20	20175	1	#Max	16QAM	21.81	-0.38	21.43	PASS
Band4	20	20175	50	#0	16QAM	20.84	-0.38	20.46	PASS
Band4	20	20175	50	#Mid	16QAM	20.91	-0.38	20.53	PASS
Band4	20	20175	50	#Max	16QAM	20.80	-0.38	20.42	PASS
Band4	20	20175	100	#0	16QAM	20.84	-0.38	20.46	PASS
Band4	20	20300	1	#0	QPSK	22.55	-0.38	22.17	PASS
Band4	20	20300	1	#Mid	QPSK	22.78	-0.38	22.40	PASS
Band4	20	20300	1	#Max	QPSK	22.63	-0.38	22.25	PASS
Band4	20	20300	50	#0	QPSK	21.65	-0.38	21.27	PASS
Band4	20	20300	50	#Mid	QPSK	21.71	-0.38	21.33	PASS
Band4	20	20300	50	#Max	QPSK	21.68	-0.38	21.30	PASS
Band4	20	20300	100	#0	QPSK	21.61	-0.38	21.23	PASS
Band4	20	20300	1	#0	16QAM	21.84	-0.38	21.46	PASS
Band4	20	20300	1	#Mid	16QAM	21.94	-0.38	21.56	PASS
Band4	20	20300	1	#Max	16QAM	21.81	-0.38	21.43	PASS
Band4	20	20300	50	#0	16QAM	20.75	-0.38	20.37	PASS
Band4	20	20300	50	#Mid	16QAM	20.80	-0.38	20.42	PASS
Band4	20	20300	50	#Max	16QAM	20.81	-0.38	20.43	PASS
Band4	20	20300	100	#0	16QAM	20.69	-0.38	20.31	PASS



Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.72	-1.47	20.10	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.78	-1.47	20.16	PASS
Band5	1.4	20407	1	#Max	QPSK	23.75	-1.47	20.13	PASS
Band5	1.4	20407	3	#0	QPSK	23.75	-1.47	20.13	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.80	-1.47	20.18	PASS
Band5	1.4	20407	3	#Max	QPSK	23.73	-1.47	20.11	PASS
Band5	1.4	20407	6	#0	QPSK	22.79	-1.47	19.17	PASS
Band5	1.4	20407	1	#0	16QAM	22.55	-1.47	18.93	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.63	-1.47	19.01	PASS
Band5	1.4	20407	1	#Max	16QAM	22.60	-1.47	18.98	PASS
Band5	1.4	20407	3	#0	16QAM	22.89	-1.47	19.27	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.91	-1.47	19.29	PASS
Band5	1.4	20407	3	#Max	16QAM	22.92	-1.47	19.30	PASS
Band5	1.4	20407	6	#0	16QAM	22.01	-1.47	18.39	PASS
Band5	1.4	20525	1	#0	QPSK	23.97	-1.47	20.35	PASS
Band5	1.4	20525	1	#Mid	QPSK	24.03	-1.47	20.41	PASS
Band5	1.4	20525	1	#Max	QPSK	23.98	-1.47	20.36	PASS
Band5	1.4	20525	3	#0	QPSK	23.99	-1.47	20.37	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.98	-1.47	20.36	PASS
Band5	1.4	20525	3	#Max	QPSK	23.97	-1.47	20.35	PASS
Band5	1.4	20525	6	#0	QPSK	22.99	-1.47	19.37	PASS
Band5	1.4	20525	1	#0	16QAM	23.04	-1.47	19.42	PASS
Band5	1.4	20525	1	#Mid	16QAM	23.11	-1.47	19.49	PASS
Band5	1.4	20525	1	#Max	16QAM	23.06	-1.47	19.44	PASS
Band5	1.4	20525	3	#0	16QAM	23.19	-1.47	19.57	PASS
Band5	1.4	20525	3	#Mid	16QAM	23.18	-1.47	19.56	PASS
Band5	1.4	20525	3	#Max	16QAM	23.16	-1.47	19.54	PASS
Band5	1.4	20525	6	#0	16QAM	22.21	-1.47	18.59	PASS
Band5	1.4	20643	1	#0	QPSK	23.73	-1.47	20.11	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.83	-1.47	20.21	PASS
Band5	1.4	20643	1	#Max	QPSK	23.72	-1.47	20.10	PASS
Band5	1.4	20643	3	#0	QPSK	23.84	-1.47	20.22	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.85	-1.47	20.23	PASS
Band5	1.4	20643	3	#Max	QPSK	23.82	-1.47	20.20	PASS
Band5	1.4	20643	6	#0	QPSK	22.86	-1.47	19.24	PASS
Band5	1.4	20643	1	#0	16QAM	22.92	-1.47	19.30	PASS
Band5	1.4	20643	1	#Mid	16QAM	22.95	-1.47	19.33	PASS
Band5	1.4	20643	1	#Max	16QAM	22.89	-1.47	19.27	PASS
Band5	1.4	20643	3	#0	16QAM	23.05	-1.47	19.43	PASS
Band5	1.4	20643	3	#Mid	16QAM	23.11	-1.47	19.49	PASS
Band5	1.4	20643	3	#Max	16QAM	23.05	-1.47	19.43	PASS
Band5	1.4	20643	6	#0	16QAM	22.05	-1.47	18.43	PASS
Band5	3	20415	1	#0	QPSK	23.49	-1.47	19.87	PASS
Band5	3	20415	1	#Mid	QPSK	23.61	-1.47	19.99	PASS
Band5	3	20415	1	#Max	QPSK	23.52	-1.47	19.90	PASS
Band5	3	20415	8	#0	QPSK	22.75	-1.47	19.13	PASS
Band5	3	20415	8	#Mid	QPSK	22.80	-1.47	19.18	PASS
Band5	3	20415	8	#Max	QPSK	22.80	-1.47	19.18	PASS
Band5	3	20415	15	#0	QPSK	22.77	-1.47	19.15	PASS
Band5	3	20415	1	#0	16QAM	22.95	-1.47	19.33	PASS
Band5	3	20415	1	#Mid	16QAM	23.09	-1.47	19.47	PASS
Band5	3	20415	1	#Max	16QAM	23.02	-1.47	19.40	PASS
Band5	3	20415	8	#0	16QAM	21.79	-1.47	18.17	PASS
Band5	3	20415	8	#Mid	16QAM	21.82	-1.47	18.20	PASS

Band5	3	20415	8	#Max	16QAM	21.80	-1.47	18.18	PASS
Band5	3	20415	15	#0	16QAM	21.84	-1.47	18.22	PASS
Band5	3	20525	1	#0	QPSK	23.75	-1.47	20.13	PASS
Band5	3	20525	1	#Mid	QPSK	23.84	-1.47	20.22	PASS
Band5	3	20525	1	#Max	QPSK	23.75	-1.47	20.13	PASS
Band5	3	20525	8	#0	QPSK	22.96	-1.47	19.34	PASS
Band5	3	20525	8	#Mid	QPSK	23.02	-1.47	19.40	PASS
Band5	3	20525	8	#Max	QPSK	23.05	-1.47	19.43	PASS
Band5	3	20525	15	#0	QPSK	23.02	-1.47	19.40	PASS
Band5	3	20525	1	#0	16QAM	22.98	-1.47	19.36	PASS
Band5	3	20525	1	#Mid	16QAM	23.08	-1.47	19.46	PASS
Band5	3	20525	1	#Max	16QAM	23.06	-1.47	19.44	PASS
Band5	3	20525	8	#0	16QAM	21.99	-1.47	18.37	PASS
Band5	3	20525	8	#Mid	16QAM	22.07	-1.47	18.45	PASS
Band5	3	20525	8	#Max	16QAM	21.98	-1.47	18.36	PASS
Band5	3	20525	15	#0	16QAM	21.97	-1.47	18.35	PASS
Band5	3	20635	1	#0	QPSK	23.71	-1.47	20.09	PASS
Band5	3	20635	1	#Mid	QPSK	23.82	-1.47	20.20	PASS
Band5	3	20635	1	#Max	QPSK	23.74	-1.47	20.12	PASS
Band5	3	20635	8	#0	QPSK	22.86	-1.47	19.24	PASS
Band5	3	20635	8	#Mid	QPSK	22.92	-1.47	19.30	PASS
Band5	3	20635	8	#Max	QPSK	22.82	-1.47	19.20	PASS
Band5	3	20635	15	#0	QPSK	22.92	-1.47	19.30	PASS
Band5	3	20635	1	#0	16QAM	22.64	-1.47	19.02	PASS
Band5	3	20635	1	#Mid	16QAM	22.63	-1.47	19.01	PASS
Band5	3	20635	1	#Max	16QAM	22.49	-1.47	18.87	PASS
Band5	3	20635	8	#0	16QAM	21.86	-1.47	18.24	PASS
Band5	3	20635	8	#Mid	16QAM	21.92	-1.47	18.30	PASS
Band5	3	20635	8	#Max	16QAM	21.88	-1.47	18.26	PASS
Band5	3	20635	15	#0	16QAM	21.95	-1.47	18.33	PASS
Band5	5	20425	1	#0	QPSK	23.76	-1.47	20.14	PASS
Band5	5	20425	1	#Mid	QPSK	23.93	-1.47	20.31	PASS
Band5	5	20425	1	#Max	QPSK	23.90	-1.47	20.28	PASS
Band5	5	20425	12	#0	QPSK	22.78	-1.47	19.16	PASS
Band5	5	20425	12	#Mid	QPSK	22.94	-1.47	19.32	PASS
Band5	5	20425	12	#Max	QPSK	22.92	-1.47	19.30	PASS
Band5	5	20425	25	#0	QPSK	22.90	-1.47	19.28	PASS
Band5	5	20425	1	#0	16QAM	23.41	-1.47	19.79	PASS
Band5	5	20425	1	#Mid	16QAM	23.47	-1.47	19.85	PASS
Band5	5	20425	1	#Max	16QAM	23.41	-1.47	19.79	PASS
Band5	5	20425	12	#0	16QAM	21.82	-1.47	18.20	PASS
Band5	5	20425	12	#Mid	16QAM	21.92	-1.47	18.30	PASS
Band5	5	20425	12	#Max	16QAM	21.94	-1.47	18.32	PASS
Band5	5	20425	25	#0	16QAM	21.89	-1.47	18.27	PASS
Band5	5	20525	1	#0	QPSK	24.04	-1.47	20.42	PASS
Band5	5	20525	1	#Mid	QPSK	24.07	-1.47	20.45	PASS
Band5	5	20525	1	#Max	QPSK	24.04	-1.47	20.42	PASS
Band5	5	20525	12	#0	QPSK	23.00	-1.47	19.38	PASS
Band5	5	20525	12	#Mid	QPSK	23.15	-1.47	19.53	PASS
Band5	5	20525	12	#Max	QPSK	23.05	-1.47	19.43	PASS
Band5	5	20525	25	#0	QPSK	23.10	-1.47	19.48	PASS
Band5	5	20525	1	#0	16QAM	23.36	-1.47	19.74	PASS
Band5	5	20525	1	#Mid	16QAM	23.43	-1.47	19.81	PASS
Band5	5	20525	1	#Max	16QAM	23.39	-1.47	19.77	PASS
Band5	5	20525	12	#0	16QAM	22.02	-1.47	18.40	PASS
Band5	5	20525	12	#Mid	16QAM	22.06	-1.47	18.44	PASS
Band5	5	20525	12	#Max	16QAM	22.03	-1.47	18.41	PASS



Band5	5	20525	25	#0	16QAM	22.09	-1.47	18.47	PASS
Band5	5	20625	1	#0	QPSK	23.99	-1.47	20.37	PASS
Band5	5	20625	1	#Mid	QPSK	23.96	-1.47	20.34	PASS
Band5	5	20625	1	#Max	QPSK	23.79	-1.47	20.17	PASS
Band5	5	20625	12	#0	QPSK	23.03	-1.47	19.41	PASS
Band5	5	20625	12	#Mid	QPSK	23.06	-1.47	19.44	PASS
Band5	5	20625	12	#Max	QPSK	22.92	-1.47	19.30	PASS
Band5	5	20625	25	#0	QPSK	23.00	-1.47	19.38	PASS
Band5	5	20625	1	#0	16QAM	23.37	-1.47	19.75	PASS
Band5	5	20625	1	#Mid	16QAM	23.33	-1.47	19.71	PASS
Band5	5	20625	1	#Max	16QAM	23.10	-1.47	19.48	PASS
Band5	5	20625	12	#0	16QAM	22.10	-1.47	18.48	PASS
Band5	5	20625	12	#Mid	16QAM	22.09	-1.47	18.47	PASS
Band5	5	20625	12	#Max	16QAM	21.92	-1.47	18.30	PASS
Band5	5	20625	25	#0	16QAM	21.96	-1.47	18.34	PASS
Band5	10	20450	1	#0	QPSK	23.79	-1.47	20.17	PASS
Band5	10	20450	1	#Mid	QPSK	24.01	-1.47	20.39	PASS
Band5	10	20450	1	#Max	QPSK	24.05	-1.47	20.43	PASS
Band5	10	20450	25	#0	QPSK	22.79	-1.47	19.17	PASS
Band5	10	20450	25	#Mid	QPSK	22.98	-1.47	19.36	PASS
Band5	10	20450	25	#Max	QPSK	23.02	-1.47	19.40	PASS
Band5	10	20450	50	#0	QPSK	22.98	-1.47	19.36	PASS
Band5	10	20450	1	#0	16QAM	23.30	-1.47	19.68	PASS
Band5	10	20450	1	#Mid	16QAM	23.41	-1.47	19.79	PASS
Band5	10	20450	1	#Max	16QAM	23.49	-1.47	19.87	PASS
Band5	10	20450	25	#0	16QAM	21.92	-1.47	18.30	PASS
Band5	10	20450	25	#Mid	16QAM	22.06	-1.47	18.44	PASS
Band5	10	20450	25	#Max	16QAM	22.08	-1.47	18.46	PASS
Band5	10	20450	50	#0	16QAM	21.97	-1.47	18.35	PASS
Band5	10	20525	1	#0	QPSK	24.00	-1.47	20.38	PASS
Band5	10	20525	1	#Mid	QPSK	24.13	-1.47	20.51	PASS
Band5	10	20525	1	#Max	QPSK	24.08	-1.47	20.46	PASS
Band5	10	20525	25	#0	QPSK	22.98	-1.47	19.36	PASS
Band5	10	20525	25	#Mid	QPSK	23.12	-1.47	19.50	PASS
Band5	10	20525	25	#Max	QPSK	23.16	-1.47	19.54	PASS
Band5	10	20525	50	#0	QPSK	23.10	-1.47	19.48	PASS
Band5	10	20525	1	#0	16QAM	23.19	-1.47	19.57	PASS
Band5	10	20525	1	#Mid	16QAM	23.32	-1.47	19.70	PASS
Band5	10	20525	1	#Max	16QAM	23.31	-1.47	19.69	PASS
Band5	10	20525	25	#0	16QAM	22.06	-1.47	18.44	PASS
Band5	10	20525	25	#Mid	16QAM	22.14	-1.47	18.52	PASS
Band5	10	20525	25	#Max	16QAM	22.13	-1.47	18.51	PASS
Band5	10	20525	50	#0	16QAM	22.13	-1.47	18.51	PASS
Band5	10	20600	1	#0	QPSK	24.17	-1.47	20.55	PASS
Band5	10	20600	1	#Mid	QPSK	24.15	-1.47	20.53	PASS
Band5	10	20600	1	#Max	QPSK	24.04	-1.47	20.42	PASS
Band5	10	20600	25	#0	QPSK	23.02	-1.47	19.40	PASS
Band5	10	20600	25	#Mid	QPSK	23.08	-1.47	19.46	PASS
Band5	10	20600	25	#Max	QPSK	22.90	-1.47	19.28	PASS
Band5	10	20600	50	#0	QPSK	22.98	-1.47	19.36	PASS
Band5	10	20600	1	#0	16QAM	22.99	-1.47	19.37	PASS
Band5	10	20600	1	#Mid	16QAM	22.97	-1.47	19.35	PASS
Band5	10	20600	1	#Max	16QAM	22.77	-1.47	19.15	PASS
Band5	10	20600	25	#0	16QAM	22.02	-1.47	18.40	PASS
Band5	10	20600	25	#Mid	16QAM	22.12	-1.47	18.50	PASS
Band5	10	20600	25	#Max	16QAM	21.88	-1.47	18.26	PASS
Band5	10	20600	50	#0	16QAM	22.03	-1.47	18.41	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	22.76	0.25	23.01	PASS
Band7	5	20775	1	#Mid	QPSK	22.78	0.25	23.03	PASS
Band7	5	20775	1	#Max	QPSK	22.68	0.25	22.93	PASS
Band7	5	20775	12	#0	QPSK	21.72	0.25	21.97	PASS
Band7	5	20775	12	#Mid	QPSK	21.78	0.25	22.03	PASS
Band7	5	20775	12	#Max	QPSK	21.75	0.25	22.00	PASS
Band7	5	20775	25	#0	QPSK	21.74	0.25	21.99	PASS
Band7	5	20775	1	#0	16QAM	22.16	0.25	22.41	PASS
Band7	5	20775	1	#Mid	16QAM	22.24	0.25	22.49	PASS
Band7	5	20775	1	#Max	16QAM	22.16	0.25	22.41	PASS
Band7	5	20775	12	#0	16QAM	20.66	0.25	20.91	PASS
Band7	5	20775	12	#Mid	16QAM	20.75	0.25	21.00	PASS
Band7	5	20775	12	#Max	16QAM	20.72	0.25	20.97	PASS
Band7	5	20775	25	#0	16QAM	20.69	0.25	20.94	PASS
Band7	5	21100	1	#0	QPSK	22.77	0.25	23.02	PASS
Band7	5	21100	1	#Mid	QPSK	22.85	0.25	23.10	PASS
Band7	5	21100	1	#Max	QPSK	22.80	0.25	23.05	PASS
Band7	5	21100	12	#0	QPSK	21.76	0.25	22.01	PASS
Band7	5	21100	12	#Mid	QPSK	21.80	0.25	22.05	PASS
Band7	5	21100	12	#Max	QPSK	21.77	0.25	22.02	PASS
Band7	5	21100	25	#0	QPSK	21.79	0.25	22.04	PASS
Band7	5	21100	1	#0	16QAM	22.02	0.25	22.27	PASS
Band7	5	21100	1	#Mid	16QAM	22.08	0.25	22.33	PASS
Band7	5	21100	1	#Max	16QAM	22.03	0.25	22.28	PASS
Band7	5	21100	12	#0	16QAM	20.68	0.25	20.93	PASS
Band7	5	21100	12	#Mid	16QAM	20.73	0.25	20.98	PASS
Band7	5	21100	12	#Max	16QAM	20.66	0.25	20.91	PASS
Band7	5	21100	25	#0	16QAM	20.77	0.25	21.02	PASS
Band7	5	21425	1	#0	QPSK	22.64	0.25	22.89	PASS
Band7	5	21425	1	#Mid	QPSK	22.77	0.25	23.02	PASS
Band7	5	21425	1	#Max	QPSK	22.71	0.25	22.96	PASS
Band7	5	21425	12	#0	QPSK	21.72	0.25	21.97	PASS
Band7	5	21425	12	#Mid	QPSK	21.80	0.25	22.05	PASS
Band7	5	21425	12	#Max	QPSK	21.74	0.25	21.99	PASS
Band7	5	21425	25	#0	QPSK	21.76	0.25	22.01	PASS
Band7	5	21425	1	#0	16QAM	21.96	0.25	22.21	PASS
Band7	5	21425	1	#Mid	16QAM	22.06	0.25	22.31	PASS
Band7	5	21425	1	#Max	16QAM	21.99	0.25	22.24	PASS
Band7	5	21425	12	#0	16QAM	20.76	0.25	21.01	PASS
Band7	5	21425	12	#Mid	16QAM	20.82	0.25	21.07	PASS
Band7	5	21425	12	#Max	16QAM	20.80	0.25	21.05	PASS
Band7	5	21425	25	#0	16QAM	20.75	0.25	21.00	PASS
Band7	10	20800	1	#0	QPSK	22.81	0.25	23.06	PASS
Band7	10	20800	1	#Mid	QPSK	22.81	0.25	23.06	PASS
Band7	10	20800	1	#Max	QPSK	22.73	0.25	22.98	PASS
Band7	10	20800	25	#0	QPSK	21.72	0.25	21.97	PASS
Band7	10	20800	25	#Mid	QPSK	21.77	0.25	22.02	PASS
Band7	10	20800	25	#Max	QPSK	21.78	0.25	22.03	PASS
Band7	10	20800	50	#0	QPSK	21.76	0.25	22.01	PASS
Band7	10	20800	1	#0	16QAM	22.12	0.25	22.37	PASS
Band7	10	20800	1	#Mid	16QAM	22.14	0.25	22.39	PASS
Band7	10	20800	1	#Max	16QAM	22.11	0.25	22.36	PASS
Band7	10	20800	25	#0	16QAM	20.72	0.25	20.97	PASS
Band7	10	20800	25	#Mid	16QAM	20.77	0.25	21.02	PASS

Band7	10	20800	25	#Max	16QAM	20.74	0.25	20.99	PASS
Band7	10	20800	50	#0	16QAM	20.73	0.25	20.98	PASS
Band7	10	21100	1	#0	QPSK	22.76	0.25	23.01	PASS
Band7	10	21100	1	#Mid	QPSK	22.87	0.25	23.12	PASS
Band7	10	21100	1	#Max	QPSK	22.83	0.25	23.08	PASS
Band7	10	21100	25	#0	QPSK	21.79	0.25	22.04	PASS
Band7	10	21100	25	#Mid	QPSK	21.83	0.25	22.08	PASS
Band7	10	21100	25	#Max	QPSK	21.79	0.25	22.04	PASS
Band7	10	21100	50	#0	QPSK	21.83	0.25	22.08	PASS
Band7	10	21100	1	#0	16QAM	21.89	0.25	22.14	PASS
Band7	10	21100	1	#Mid	16QAM	21.97	0.25	22.22	PASS
Band7	10	21100	1	#Max	16QAM	21.95	0.25	22.20	PASS
Band7	10	21100	25	#0	16QAM	20.79	0.25	21.04	PASS
Band7	10	21100	25	#Mid	16QAM	20.79	0.25	21.04	PASS
Band7	10	21100	25	#Max	16QAM	20.79	0.25	21.04	PASS
Band7	10	21100	50	#0	16QAM	20.82	0.25	21.07	PASS
Band7	10	21400	1	#0	QPSK	22.82	0.25	23.07	PASS
Band7	10	21400	1	#Mid	QPSK	22.92	0.25	23.17	PASS
Band7	10	21400	1	#Max	QPSK	22.94	0.25	23.19	PASS
Band7	10	21400	25	#0	QPSK	21.75	0.25	22.00	PASS
Band7	10	21400	25	#Mid	QPSK	21.77	0.25	22.02	PASS
Band7	10	21400	25	#Max	QPSK	21.76	0.25	22.01	PASS
Band7	10	21400	50	#0	QPSK	21.77	0.25	22.02	PASS
Band7	10	21400	1	#0	16QAM	21.57	0.25	21.82	PASS
Band7	10	21400	1	#Mid	16QAM	21.65	0.25	21.90	PASS
Band7	10	21400	1	#Max	16QAM	21.65	0.25	21.90	PASS
Band7	10	21400	25	#0	16QAM	20.77	0.25	21.02	PASS
Band7	10	21400	25	#Mid	16QAM	20.79	0.25	21.04	PASS
Band7	10	21400	25	#Max	16QAM	20.75	0.25	21.00	PASS
Band7	10	21400	50	#0	16QAM	20.76	0.25	21.01	PASS
Band7	15	20825	1	#0	QPSK	22.72	0.25	22.97	PASS
Band7	15	20825	1	#Mid	QPSK	22.75	0.25	23.00	PASS
Band7	15	20825	1	#Max	QPSK	22.63	0.25	22.88	PASS
Band7	15	20825	36	#0	QPSK	21.67	0.25	21.92	PASS
Band7	15	20825	36	#Mid	QPSK	21.76	0.25	22.01	PASS
Band7	15	20825	36	#Max	QPSK	21.68	0.25	21.93	PASS
Band7	15	20825	75	#0	QPSK	21.74	0.25	21.99	PASS
Band7	15	20825	1	#0	16QAM	22.06	0.25	22.31	PASS
Band7	15	20825	1	#Mid	16QAM	22.11	0.25	22.36	PASS
Band7	15	20825	1	#Max	16QAM	22.05	0.25	22.30	PASS
Band7	15	20825	36	#0	16QAM	20.69	0.25	20.94	PASS
Band7	15	20825	36	#Mid	16QAM	20.77	0.25	21.02	PASS
Band7	15	20825	36	#Max	16QAM	20.70	0.25	20.95	PASS
Band7	15	20825	75	#0	16QAM	20.71	0.25	20.96	PASS
Band7	15	21100	1	#0	QPSK	22.69	0.25	22.94	PASS
Band7	15	21100	1	#Mid	QPSK	22.84	0.25	23.09	PASS
Band7	15	21100	1	#Max	QPSK	22.78	0.25	23.03	PASS
Band7	15	21100	36	#0	QPSK	21.78	0.25	22.03	PASS
Band7	15	21100	36	#Mid	QPSK	21.87	0.25	22.12	PASS
Band7	15	21100	36	#Max	QPSK	21.80	0.25	22.05	PASS
Band7	15	21100	75	#0	QPSK	21.82	0.25	22.07	PASS
Band7	15	21100	1	#0	16QAM	21.83	0.25	22.08	PASS
Band7	15	21100	1	#Mid	16QAM	21.93	0.25	22.18	PASS
Band7	15	21100	1	#Max	16QAM	21.88	0.25	22.13	PASS
Band7	15	21100	36	#0	16QAM	20.82	0.25	21.07	PASS
Band7	15	21100	36	#Mid	16QAM	20.87	0.25	21.12	PASS
Band7	15	21100	36	#Max	16QAM	20.85	0.25	21.10	PASS

Band7	15	21100	75	#0	16QAM	20.76	0.25	21.01	PASS
Band7	15	21375	1	#0	QPSK	22.76	0.25	23.01	PASS
Band7	15	21375	1	#Mid	QPSK	22.90	0.25	23.15	PASS
Band7	15	21375	1	#Max	QPSK	22.90	0.25	23.15	PASS
Band7	15	21375	36	#0	QPSK	21.72	0.25	21.97	PASS
Band7	15	21375	36	#Mid	QPSK	21.82	0.25	22.07	PASS
Band7	15	21375	36	#Max	QPSK	21.79	0.25	22.04	PASS
Band7	15	21375	75	#0	QPSK	21.77	0.25	22.02	PASS
Band7	15	21375	1	#0	16QAM	21.72	0.25	21.97	PASS
Band7	15	21375	1	#Mid	16QAM	21.83	0.25	22.08	PASS
Band7	15	21375	1	#Max	16QAM	21.84	0.25	22.09	PASS
Band7	15	21375	36	#0	16QAM	20.66	0.25	20.91	PASS
Band7	15	21375	36	#Mid	16QAM	20.74	0.25	20.99	PASS
Band7	15	21375	36	#Max	16QAM	20.71	0.25	20.96	PASS
Band7	15	21375	75	#0	16QAM	20.76	0.25	21.01	PASS
Band7	20	20850	1	#0	QPSK	22.64	0.25	22.89	PASS
Band7	20	20850	1	#Mid	QPSK	22.82	0.25	23.07	PASS
Band7	20	20850	1	#Max	QPSK	22.60	0.25	22.85	PASS
Band7	20	20850	50	#0	QPSK	21.60	0.25	21.85	PASS
Band7	20	20850	50	#Mid	QPSK	21.70	0.25	21.95	PASS
Band7	20	20850	50	#Max	QPSK	21.58	0.25	21.83	PASS
Band7	20	20850	100	#0	QPSK	21.57	0.25	21.82	PASS
Band7	20	20850	1	#0	16QAM	21.88	0.25	22.13	PASS
Band7	20	20850	1	#Mid	16QAM	22.05	0.25	22.30	PASS
Band7	20	20850	1	#Max	16QAM	21.88	0.25	22.13	PASS
Band7	20	20850	50	#0	16QAM	20.67	0.25	20.92	PASS
Band7	20	20850	50	#Mid	16QAM	20.77	0.25	21.02	PASS
Band7	20	20850	50	#Max	16QAM	20.64	0.25	20.89	PASS
Band7	20	20850	100	#0	16QAM	20.56	0.25	20.81	PASS
Band7	20	21100	1	#0	QPSK	22.67	0.25	22.92	PASS
Band7	20	21100	1	#Mid	QPSK	22.97	0.25	23.22	PASS
Band7	20	21100	1	#Max	QPSK	22.84	0.25	23.09	PASS
Band7	20	21100	50	#0	QPSK	21.76	0.25	22.01	PASS
Band7	20	21100	50	#Mid	QPSK	21.81	0.25	22.06	PASS
Band7	20	21100	50	#Max	QPSK	21.76	0.25	22.01	PASS
Band7	20	21100	100	#0	QPSK	21.78	0.25	22.03	PASS
Band7	20	21100	1	#0	16QAM	21.78	0.25	22.03	PASS
Band7	20	21100	1	#Mid	16QAM	22.05	0.25	22.30	PASS
Band7	20	21100	1	#Max	16QAM	21.91	0.25	22.16	PASS
Band7	20	21100	50	#0	16QAM	20.72	0.25	20.97	PASS
Band7	20	21100	50	#Mid	16QAM	20.75	0.25	21.00	PASS
Band7	20	21100	50	#Max	16QAM	20.71	0.25	20.96	PASS
Band7	20	21100	100	#0	16QAM	20.73	0.25	20.98	PASS
Band7	20	21350	1	#0	QPSK	22.63	0.25	22.88	PASS
Band7	20	21350	1	#Mid	QPSK	22.88	0.25	23.13	PASS
Band7	20	21350	1	#Max	QPSK	22.76	0.25	23.01	PASS
Band7	20	21350	50	#0	QPSK	21.63	0.25	21.88	PASS
Band7	20	21350	50	#Mid	QPSK	21.76	0.25	22.01	PASS
Band7	20	21350	50	#Max	QPSK	21.66	0.25	21.91	PASS
Band7	20	21350	100	#0	QPSK	21.63	0.25	21.88	PASS
Band7	20	21350	1	#0	16QAM	21.81	0.25	22.06	PASS
Band7	20	21350	1	#Mid	16QAM	22.02	0.25	22.27	PASS
Band7	20	21350	1	#Max	16QAM	21.94	0.25	22.19	PASS
Band7	20	21350	50	#0	16QAM	20.65	0.25	20.90	PASS
Band7	20	21350	50	#Mid	16QAM	20.82	0.25	21.07	PASS
Band7	20	21350	50	#Max	16QAM	20.72	0.25	20.97	PASS
Band7	20	21350	100	#0	16QAM	20.65	0.25	20.90	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.21	-0.29	20.77	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.26	-0.29	20.82	PASS
Band12	1.4	23017	1	#Max	QPSK	23.17	-0.29	20.73	PASS
Band12	1.4	23017	3	#0	QPSK	23.25	-0.29	20.81	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.32	-0.29	20.88	PASS
Band12	1.4	23017	3	#Max	QPSK	23.25	-0.29	20.81	PASS
Band12	1.4	23017	6	#0	QPSK	22.27	-0.29	19.83	PASS
Band12	1.4	23017	1	#0	16QAM	22.00	-0.29	19.56	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.09	-0.29	19.65	PASS
Band12	1.4	23017	1	#Max	16QAM	22.05	-0.29	19.61	PASS
Band12	1.4	23017	3	#0	16QAM	22.38	-0.29	19.94	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.45	-0.29	20.01	PASS
Band12	1.4	23017	3	#Max	16QAM	22.41	-0.29	19.97	PASS
Band12	1.4	23017	6	#0	16QAM	21.49	-0.29	19.05	PASS
Band12	1.4	23095	1	#0	QPSK	23.30	-0.29	20.86	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.40	-0.29	20.96	PASS
Band12	1.4	23095	1	#Max	QPSK	23.30	-0.29	20.86	PASS
Band12	1.4	23095	3	#0	QPSK	23.30	-0.29	20.86	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.31	-0.29	20.87	PASS
Band12	1.4	23095	3	#Max	QPSK	23.33	-0.29	20.89	PASS
Band12	1.4	23095	6	#0	QPSK	22.41	-0.29	19.97	PASS
Band12	1.4	23095	1	#0	16QAM	22.37	-0.29	19.93	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.47	-0.29	20.03	PASS
Band12	1.4	23095	1	#Max	16QAM	22.40	-0.29	19.96	PASS
Band12	1.4	23095	3	#0	16QAM	22.50	-0.29	20.06	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.55	-0.29	20.11	PASS
Band12	1.4	23095	3	#Max	16QAM	22.51	-0.29	20.07	PASS
Band12	1.4	23095	6	#0	16QAM	21.59	-0.29	19.15	PASS
Band12	1.4	23173	1	#0	QPSK	23.31	-0.29	20.87	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.45	-0.29	21.01	PASS
Band12	1.4	23173	1	#Max	QPSK	23.33	-0.29	20.89	PASS
Band12	1.4	23173	3	#0	QPSK	23.47	-0.29	21.03	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.52	-0.29	21.08	PASS
Band12	1.4	23173	3	#Max	QPSK	23.47	-0.29	21.03	PASS
Band12	1.4	23173	6	#0	QPSK	22.52	-0.29	20.08	PASS
Band12	1.4	23173	1	#0	16QAM	22.54	-0.29	20.10	PASS
Band12	1.4	23173	1	#Mid	16QAM	22.60	-0.29	20.16	PASS
Band12	1.4	23173	1	#Max	16QAM	22.52	-0.29	20.08	PASS
Band12	1.4	23173	3	#0	16QAM	22.69	-0.29	20.25	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.76	-0.29	20.32	PASS
Band12	1.4	23173	3	#Max	16QAM	22.67	-0.29	20.23	PASS
Band12	1.4	23173	6	#0	16QAM	21.68	-0.29	19.24	PASS
Band12	3	23025	1	#0	QPSK	23.00	-0.29	20.56	PASS
Band12	3	23025	1	#Mid	QPSK	23.10	-0.29	20.66	PASS
Band12	3	23025	1	#Max	QPSK	22.98	-0.29	20.54	PASS
Band12	3	23025	8	#0	QPSK	22.20	-0.29	19.76	PASS
Band12	3	23025	8	#Mid	QPSK	22.30	-0.29	19.86	PASS
Band12	3	23025	8	#Max	QPSK	22.30	-0.29	19.86	PASS
Band12	3	23025	15	#0	QPSK	22.24	-0.29	19.80	PASS
Band12	3	23025	1	#0	16QAM	22.50	-0.29	20.06	PASS
Band12	3	23025	1	#Mid	16QAM	22.56	-0.29	20.12	PASS
Band12	3	23025	1	#Max	16QAM	22.47	-0.29	20.03	PASS
Band12	3	23025	8	#0	16QAM	21.33	-0.29	18.89	PASS
Band12	3	23025	8	#Mid	16QAM	21.33	-0.29	18.89	PASS

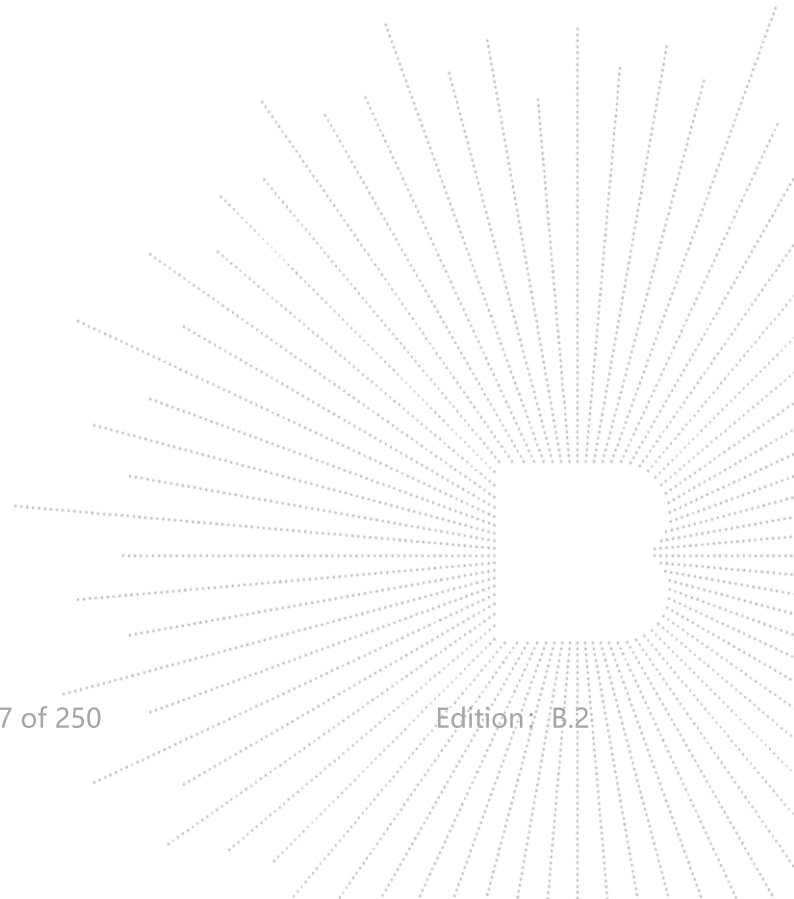
Band12	3	23025	8	#Max	16QAM	21.32	-0.29	18.88	PASS
Band12	3	23025	15	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	3	23095	1	#0	QPSK	23.07	-0.29	20.63	PASS
Band12	3	23095	1	#Mid	QPSK	23.19	-0.29	20.75	PASS
Band12	3	23095	1	#Max	QPSK	23.04	-0.29	20.60	PASS
Band12	3	23095	8	#0	QPSK	22.27	-0.29	19.83	PASS
Band12	3	23095	8	#Mid	QPSK	22.34	-0.29	19.90	PASS
Band12	3	23095	8	#Max	QPSK	22.35	-0.29	19.91	PASS
Band12	3	23095	15	#0	QPSK	22.28	-0.29	19.84	PASS
Band12	3	23095	1	#0	16QAM	22.28	-0.29	19.84	PASS
Band12	3	23095	1	#Mid	16QAM	22.39	-0.29	19.95	PASS
Band12	3	23095	1	#Max	16QAM	22.35	-0.29	19.91	PASS
Band12	3	23095	8	#0	16QAM	21.32	-0.29	18.88	PASS
Band12	3	23095	8	#Mid	16QAM	21.37	-0.29	18.93	PASS
Band12	3	23095	8	#Max	16QAM	21.28	-0.29	18.84	PASS
Band12	3	23095	15	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	3	23165	1	#0	QPSK	23.18	-0.29	20.74	PASS
Band12	3	23165	1	#Mid	QPSK	23.39	-0.29	20.95	PASS
Band12	3	23165	1	#Max	QPSK	23.35	-0.29	20.91	PASS
Band12	3	23165	8	#0	QPSK	22.43	-0.29	19.99	PASS
Band12	3	23165	8	#Mid	QPSK	22.51	-0.29	20.07	PASS
Band12	3	23165	8	#Max	QPSK	22.46	-0.29	20.02	PASS
Band12	3	23165	15	#0	QPSK	22.44	-0.29	20.00	PASS
Band12	3	23165	1	#0	16QAM	22.05	-0.29	19.61	PASS
Band12	3	23165	1	#Mid	16QAM	22.20	-0.29	19.76	PASS
Band12	3	23165	1	#Max	16QAM	22.05	-0.29	19.61	PASS
Band12	3	23165	8	#0	16QAM	21.42	-0.29	18.98	PASS
Band12	3	23165	8	#Mid	16QAM	21.46	-0.29	19.02	PASS
Band12	3	23165	8	#Max	16QAM	21.43	-0.29	18.99	PASS
Band12	3	23165	15	#0	16QAM	21.51	-0.29	19.07	PASS
Band12	5	23035	1	#0	QPSK	23.27	-0.29	20.83	PASS
Band12	5	23035	1	#Mid	QPSK	23.34	-0.29	20.90	PASS
Band12	5	23035	1	#Max	QPSK	23.34	-0.29	20.90	PASS
Band12	5	23035	12	#0	QPSK	22.27	-0.29	19.83	PASS
Band12	5	23035	12	#Mid	QPSK	22.34	-0.29	19.90	PASS
Band12	5	23035	12	#Max	QPSK	22.30	-0.29	19.86	PASS
Band12	5	23035	25	#0	QPSK	22.28	-0.29	19.84	PASS
Band12	5	23035	1	#0	16QAM	22.83	-0.29	20.39	PASS
Band12	5	23035	1	#Mid	16QAM	22.93	-0.29	20.49	PASS
Band12	5	23035	1	#Max	16QAM	22.85	-0.29	20.41	PASS
Band12	5	23035	12	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	5	23035	12	#Mid	16QAM	21.40	-0.29	18.96	PASS
Band12	5	23035	12	#Max	16QAM	21.33	-0.29	18.89	PASS
Band12	5	23035	25	#0	16QAM	21.27	-0.29	18.83	PASS
Band12	5	23095	1	#0	QPSK	23.34	-0.29	20.90	PASS
Band12	5	23095	1	#Mid	QPSK	23.44	-0.29	21.00	PASS
Band12	5	23095	1	#Max	QPSK	23.40	-0.29	20.96	PASS
Band12	5	23095	12	#0	QPSK	22.36	-0.29	19.92	PASS
Band12	5	23095	12	#Mid	QPSK	22.46	-0.29	20.02	PASS
Band12	5	23095	12	#Max	QPSK	22.43	-0.29	19.99	PASS
Band12	5	23095	25	#0	QPSK	22.38	-0.29	19.94	PASS
Band12	5	23095	1	#0	16QAM	22.66	-0.29	20.22	PASS
Band12	5	23095	1	#Mid	16QAM	22.79	-0.29	20.35	PASS
Band12	5	23095	1	#Max	16QAM	22.71	-0.29	20.27	PASS
Band12	5	23095	12	#0	16QAM	21.37	-0.29	18.93	PASS
Band12	5	23095	12	#Mid	16QAM	21.38	-0.29	18.94	PASS
Band12	5	23095	12	#Max	16QAM	21.35	-0.29	18.91	PASS

Band12	5	23095	25	#0	16QAM	21.46	-0.29	19.02	PASS
Band12	5	23155	1	#0	QPSK	23.35	-0.29	20.91	PASS
Band12	5	23155	1	#Mid	QPSK	23.47	-0.29	21.03	PASS
Band12	5	23155	1	#Max	QPSK	23.39	-0.29	20.95	PASS
Band12	5	23155	12	#0	QPSK	22.54	-0.29	20.10	PASS
Band12	5	23155	12	#Mid	QPSK	22.57	-0.29	20.13	PASS
Band12	5	23155	12	#Max	QPSK	22.46	-0.29	20.02	PASS
Band12	5	23155	25	#0	QPSK	22.46	-0.29	20.02	PASS
Band12	5	23155	1	#0	16QAM	22.71	-0.29	20.27	PASS
Band12	5	23155	1	#Mid	16QAM	22.82	-0.29	20.38	PASS
Band12	5	23155	1	#Max	16QAM	22.71	-0.29	20.27	PASS
Band12	5	23155	12	#0	16QAM	21.56	-0.29	19.12	PASS
Band12	5	23155	12	#Mid	16QAM	21.57	-0.29	19.13	PASS
Band12	5	23155	12	#Max	16QAM	21.40	-0.29	18.96	PASS
Band12	5	23155	25	#0	16QAM	21.49	-0.29	19.05	PASS
Band12	10	23060	1	#0	QPSK	23.34	-0.29	20.90	PASS
Band12	10	23060	1	#Mid	QPSK	23.39	-0.29	20.95	PASS
Band12	10	23060	1	#Max	QPSK	23.40	-0.29	20.96	PASS
Band12	10	23060	25	#0	QPSK	22.26	-0.29	19.82	PASS
Band12	10	23060	25	#Mid	QPSK	22.47	-0.29	20.03	PASS
Band12	10	23060	25	#Max	QPSK	22.43	-0.29	19.99	PASS
Band12	10	23060	50	#0	QPSK	22.37	-0.29	19.93	PASS
Band12	10	23060	1	#0	16QAM	22.81	-0.29	20.37	PASS
Band12	10	23060	1	#Mid	16QAM	22.87	-0.29	20.43	PASS
Band12	10	23060	1	#Max	16QAM	22.87	-0.29	20.43	PASS
Band12	10	23060	25	#0	16QAM	21.35	-0.29	18.91	PASS
Band12	10	23060	25	#Mid	16QAM	21.45	-0.29	19.01	PASS
Band12	10	23060	25	#Max	16QAM	21.47	-0.29	19.03	PASS
Band12	10	23060	50	#0	16QAM	21.42	-0.29	18.98	PASS
Band12	10	23095	1	#0	QPSK	23.36	-0.29	20.92	PASS
Band12	10	23095	1	#Mid	QPSK	23.46	-0.29	21.02	PASS
Band12	10	23095	1	#Max	QPSK	23.46	-0.29	21.02	PASS
Band12	10	23095	25	#0	QPSK	22.33	-0.29	19.89	PASS
Band12	10	23095	25	#Mid	QPSK	22.45	-0.29	20.01	PASS
Band12	10	23095	25	#Max	QPSK	22.45	-0.29	20.01	PASS
Band12	10	23095	50	#0	QPSK	22.39	-0.29	19.95	PASS
Band12	10	23095	1	#0	16QAM	22.53	-0.29	20.09	PASS
Band12	10	23095	1	#Mid	16QAM	22.64	-0.29	20.20	PASS
Band12	10	23095	1	#Max	16QAM	22.69	-0.29	20.25	PASS
Band12	10	23095	25	#0	16QAM	21.36	-0.29	18.92	PASS
Band12	10	23095	25	#Mid	16QAM	21.48	-0.29	19.04	PASS
Band12	10	23095	25	#Max	16QAM	21.45	-0.29	19.01	PASS
Band12	10	23095	50	#0	16QAM	21.46	-0.29	19.02	PASS
Band12	10	23130	1	#0	QPSK	23.48	-0.29	21.04	PASS
Band12	10	23130	1	#Mid	QPSK	23.62	-0.29	21.18	PASS
Band12	10	23130	1	#Max	QPSK	23.63	-0.29	21.19	PASS
Band12	10	23130	25	#0	QPSK	22.45	-0.29	20.01	PASS
Band12	10	23130	25	#Mid	QPSK	22.48	-0.29	20.04	PASS
Band12	10	23130	25	#Max	QPSK	22.37	-0.29	19.93	PASS
Band12	10	23130	50	#0	QPSK	22.43	-0.29	19.99	PASS
Band12	10	23130	1	#0	16QAM	22.27	-0.29	19.83	PASS
Band12	10	23130	1	#Mid	16QAM	22.38	-0.29	19.94	PASS
Band12	10	23130	1	#Max	16QAM	22.40	-0.29	19.96	PASS
Band12	10	23130	25	#0	16QAM	21.42	-0.29	18.98	PASS
Band12	10	23130	25	#Mid	16QAM	21.50	-0.29	19.06	PASS
Band12	10	23130	25	#Max	16QAM	21.42	-0.29	18.98	PASS
Band12	10	23130	50	#0	16QAM	21.39	-0.29	18.95	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	23.15	-0.29	20.71	PASS
Band17	5	23755	1	#Mid	QPSK	23.26	-0.29	20.82	PASS
Band17	5	23755	1	#Max	QPSK	23.20	-0.29	20.76	PASS
Band17	5	23755	12	#0	QPSK	22.14	-0.29	19.70	PASS
Band17	5	23755	12	#Mid	QPSK	22.23	-0.29	19.79	PASS
Band17	5	23755	12	#Max	QPSK	22.27	-0.29	19.83	PASS
Band17	5	23755	25	#0	QPSK	22.21	-0.29	19.77	PASS
Band17	5	23755	1	#0	16QAM	22.72	-0.29	20.28	PASS
Band17	5	23755	1	#Mid	16QAM	22.79	-0.29	20.35	PASS
Band17	5	23755	1	#Max	16QAM	22.79	-0.29	20.35	PASS
Band17	5	23755	12	#0	16QAM	21.14	-0.29	18.70	PASS
Band17	5	23755	12	#Mid	16QAM	21.21	-0.29	18.77	PASS
Band17	5	23755	12	#Max	16QAM	21.26	-0.29	18.82	PASS
Band17	5	23755	25	#0	16QAM	21.27	-0.29	18.83	PASS
Band17	5	23790	1	#0	QPSK	23.18	-0.29	20.74	PASS
Band17	5	23790	1	#Mid	QPSK	23.27	-0.29	20.83	PASS
Band17	5	23790	1	#Max	QPSK	23.28	-0.29	20.84	PASS
Band17	5	23790	12	#0	QPSK	22.20	-0.29	19.76	PASS
Band17	5	23790	12	#Mid	QPSK	22.27	-0.29	19.83	PASS
Band17	5	23790	12	#Max	QPSK	22.23	-0.29	19.79	PASS
Band17	5	23790	25	#0	QPSK	22.25	-0.29	19.81	PASS
Band17	5	23790	1	#0	16QAM	22.54	-0.29	20.10	PASS
Band17	5	23790	1	#Mid	16QAM	22.63	-0.29	20.19	PASS
Band17	5	23790	1	#Max	16QAM	22.57	-0.29	20.13	PASS
Band17	5	23790	12	#0	16QAM	21.21	-0.29	18.77	PASS
Band17	5	23790	12	#Mid	16QAM	21.21	-0.29	18.77	PASS
Band17	5	23790	12	#Max	16QAM	21.18	-0.29	18.74	PASS
Band17	5	23790	25	#0	16QAM	21.26	-0.29	18.82	PASS
Band17	5	23825	1	#0	QPSK	23.17	-0.29	20.73	PASS
Band17	5	23825	1	#Mid	QPSK	23.32	-0.29	20.88	PASS
Band17	5	23825	1	#Max	QPSK	23.23	-0.29	20.79	PASS
Band17	5	23825	12	#0	QPSK	22.27	-0.29	19.83	PASS
Band17	5	23825	12	#Mid	QPSK	22.36	-0.29	19.92	PASS
Band17	5	23825	12	#Max	QPSK	22.31	-0.29	19.87	PASS
Band17	5	23825	25	#0	QPSK	22.29	-0.29	19.85	PASS
Band17	5	23825	1	#0	16QAM	22.52	-0.29	20.08	PASS
Band17	5	23825	1	#Mid	16QAM	22.66	-0.29	20.22	PASS
Band17	5	23825	1	#Max	16QAM	22.53	-0.29	20.09	PASS
Band17	5	23825	12	#0	16QAM	21.35	-0.29	18.91	PASS
Band17	5	23825	12	#Mid	16QAM	21.39	-0.29	18.95	PASS
Band17	5	23825	12	#Max	16QAM	21.31	-0.29	18.87	PASS
Band17	5	23825	25	#0	16QAM	21.29	-0.29	18.85	PASS
Band17	10	23780	1	#0	QPSK	23.21	-0.29	20.77	PASS
Band17	10	23780	1	#Mid	QPSK	23.30	-0.29	20.86	PASS
Band17	10	23780	1	#Max	QPSK	23.37	-0.29	20.93	PASS
Band17	10	23780	25	#0	QPSK	22.16	-0.29	19.72	PASS
Band17	10	23780	25	#Mid	QPSK	22.31	-0.29	19.87	PASS
Band17	10	23780	25	#Max	QPSK	22.23	-0.29	19.79	PASS
Band17	10	23780	50	#0	QPSK	22.27	-0.29	19.83	PASS
Band17	10	23780	1	#0	16QAM	22.66	-0.29	20.22	PASS
Band17	10	23780	1	#Mid	16QAM	22.72	-0.29	20.28	PASS
Band17	10	23780	1	#Max	16QAM	22.82	-0.29	20.38	PASS
Band17	10	23780	25	#0	16QAM	21.24	-0.29	18.80	PASS
Band17	10	23780	25	#Mid	16QAM	21.34	-0.29	18.90	PASS



Band17	10	23780	25	#Max	16QAM	21.35	-0.29	18.91	PASS
Band17	10	23780	50	#0	16QAM	21.27	-0.29	18.83	PASS
Band17	10	23790	1	#0	QPSK	23.22	-0.29	20.78	PASS
Band17	10	23790	1	#Mid	QPSK	23.34	-0.29	20.90	PASS
Band17	10	23790	1	#Max	QPSK	23.35	-0.29	20.91	PASS
Band17	10	23790	25	#0	QPSK	22.14	-0.29	19.70	PASS
Band17	10	23790	25	#Mid	QPSK	22.25	-0.29	19.81	PASS
Band17	10	23790	25	#Max	QPSK	22.24	-0.29	19.80	PASS
Band17	10	23790	50	#0	QPSK	22.24	-0.29	19.80	PASS
Band17	10	23790	1	#0	16QAM	22.41	-0.29	19.97	PASS
Band17	10	23790	1	#Mid	16QAM	22.51	-0.29	20.07	PASS
Band17	10	23790	1	#Max	16QAM	22.58	-0.29	20.14	PASS
Band17	10	23790	25	#0	16QAM	21.22	-0.29	18.78	PASS
Band17	10	23790	25	#Mid	16QAM	21.33	-0.29	18.89	PASS
Band17	10	23790	25	#Max	16QAM	21.26	-0.29	18.82	PASS
Band17	10	23790	50	#0	16QAM	21.27	-0.29	18.83	PASS
Band17	10	23800	1	#0	QPSK	23.28	-0.29	20.84	PASS
Band17	10	23800	1	#Mid	QPSK	23.40	-0.29	20.96	PASS
Band17	10	23800	1	#Max	QPSK	23.46	-0.29	21.02	PASS
Band17	10	23800	25	#0	QPSK	22.21	-0.29	19.77	PASS
Band17	10	23800	25	#Mid	QPSK	22.37	-0.29	19.93	PASS
Band17	10	23800	25	#Max	QPSK	22.22	-0.29	19.78	PASS
Band17	10	23800	50	#0	QPSK	22.27	-0.29	19.83	PASS
Band17	10	23800	1	#0	16QAM	22.16	-0.29	19.72	PASS
Band17	10	23800	1	#Mid	16QAM	22.23	-0.29	19.79	PASS
Band17	10	23800	1	#Max	16QAM	22.22	-0.29	19.78	PASS
Band17	10	23800	25	#0	16QAM	21.26	-0.29	18.82	PASS
Band17	10	23800	25	#Mid	16QAM	21.39	-0.29	18.95	PASS
Band17	10	23800	25	#Max	16QAM	21.27	-0.29	18.83	PASS
Band17	10	23800	50	#0	16QAM	21.24	-0.29	18.80	PASS



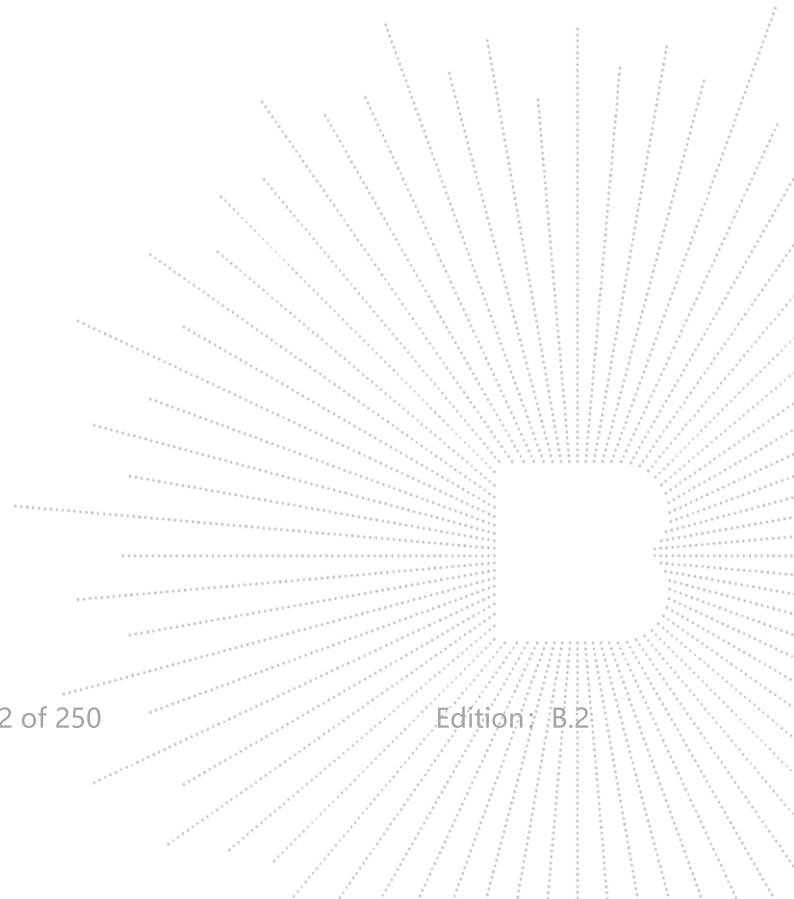
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band25	1.4	26047	1	#0	QPSK	22.81	-0.41	22.40	PASS
Band25	1.4	26047	1	#Mid	QPSK	22.90	-0.41	22.49	PASS
Band25	1.4	26047	1	#Max	QPSK	22.80	-0.41	22.39	PASS
Band25	1.4	26047	3	#0	QPSK	22.82	-0.41	22.41	PASS
Band25	1.4	26047	3	#Mid	QPSK	22.86	-0.41	22.45	PASS
Band25	1.4	26047	3	#Max	QPSK	22.83	-0.41	22.42	PASS
Band25	1.4	26047	6	#0	QPSK	21.83	-0.41	21.42	PASS
Band25	1.4	26047	1	#0	16QAM	21.86	-0.41	21.45	PASS
Band25	1.4	26047	1	#Mid	16QAM	21.93	-0.41	21.52	PASS
Band25	1.4	26047	1	#Max	16QAM	21.88	-0.41	21.47	PASS
Band25	1.4	26047	3	#0	16QAM	22.05	-0.41	21.64	PASS
Band25	1.4	26047	3	#Mid	16QAM	22.05	-0.41	21.64	PASS
Band25	1.4	26047	3	#Max	16QAM	21.99	-0.41	21.58	PASS
Band25	1.4	26047	6	#0	16QAM	21.04	-0.41	20.63	PASS
Band25	1.4	26365	1	#0	QPSK	22.55	-0.41	22.14	PASS
Band25	1.4	26365	1	#Mid	QPSK	22.69	-0.41	22.28	PASS
Band25	1.4	26365	1	#Max	QPSK	22.53	-0.41	22.12	PASS
Band25	1.4	26365	3	#0	QPSK	22.69	-0.41	22.28	PASS
Band25	1.4	26365	3	#Mid	QPSK	22.74	-0.41	22.33	PASS
Band25	1.4	26365	3	#Max	QPSK	22.67	-0.41	22.26	PASS
Band25	1.4	26365	6	#0	QPSK	21.72	-0.41	21.31	PASS
Band25	1.4	26365	1	#0	16QAM	21.81	-0.41	21.40	PASS
Band25	1.4	26365	1	#Mid	16QAM	21.81	-0.41	21.40	PASS
Band25	1.4	26365	1	#Max	16QAM	21.78	-0.41	21.37	PASS
Band25	1.4	26365	3	#0	16QAM	21.88	-0.41	21.47	PASS
Band25	1.4	26365	3	#Mid	16QAM	21.97	-0.41	21.56	PASS
Band25	1.4	26365	3	#Max	16QAM	21.91	-0.41	21.50	PASS
Band25	1.4	26365	6	#0	16QAM	20.89	-0.41	20.48	PASS
Band25	1.4	26683	1	#0	QPSK	22.66	-0.41	22.25	PASS
Band25	1.4	26683	1	#Mid	QPSK	22.73	-0.41	22.32	PASS
Band25	1.4	26683	1	#Max	QPSK	22.64	-0.41	22.23	PASS
Band25	1.4	26683	3	#0	QPSK	22.69	-0.41	22.28	PASS
Band25	1.4	26683	3	#Mid	QPSK	22.69	-0.41	22.28	PASS
Band25	1.4	26683	3	#Max	QPSK	22.70	-0.41	22.29	PASS
Band25	1.4	26683	6	#0	QPSK	21.71	-0.41	21.30	PASS
Band25	1.4	26683	1	#0	16QAM	21.40	-0.41	20.99	PASS
Band25	1.4	26683	1	#Mid	16QAM	21.48	-0.41	21.07	PASS
Band25	1.4	26683	1	#Max	16QAM	21.39	-0.41	20.98	PASS
Band25	1.4	26683	3	#0	16QAM	21.78	-0.41	21.37	PASS
Band25	1.4	26683	3	#Mid	16QAM	21.84	-0.41	21.43	PASS
Band25	1.4	26683	3	#Max	16QAM	21.82	-0.41	21.41	PASS
Band25	1.4	26683	6	#0	16QAM	20.91	-0.41	20.50	PASS
Band25	3	26055	1	#0	QPSK	22.54	-0.41	22.13	PASS
Band25	3	26055	1	#Mid	QPSK	22.61	-0.41	22.20	PASS
Band25	3	26055	1	#Max	QPSK	22.48	-0.41	22.07	PASS
Band25	3	26055	8	#0	QPSK	21.71	-0.41	21.30	PASS
Band25	3	26055	8	#Mid	QPSK	21.81	-0.41	21.40	PASS
Band25	3	26055	8	#Max	QPSK	21.76	-0.41	21.35	PASS
Band25	3	26055	15	#0	QPSK	21.74	-0.41	21.33	PASS
Band25	3	26055	1	#0	16QAM	21.99	-0.41	21.58	PASS
Band25	3	26055	1	#Mid	16QAM	22.05	-0.41	21.64	PASS
Band25	3	26055	1	#Max	16QAM	21.90	-0.41	21.49	PASS
Band25	3	26055	8	#0	16QAM	20.82	-0.41	20.41	PASS
Band25	3	26055	8	#Mid	16QAM	20.82	-0.41	20.41	PASS

Band25	3	26055	8	#Max	16QAM	20.78	-0.41	20.37	PASS
Band25	3	26055	15	#0	16QAM	20.73	-0.41	20.32	PASS
Band25	3	26365	1	#0	QPSK	22.39	-0.41	21.98	PASS
Band25	3	26365	1	#Mid	QPSK	22.51	-0.41	22.10	PASS
Band25	3	26365	1	#Max	QPSK	22.40	-0.41	21.99	PASS
Band25	3	26365	8	#0	QPSK	21.57	-0.41	21.16	PASS
Band25	3	26365	8	#Mid	QPSK	21.68	-0.41	21.27	PASS
Band25	3	26365	8	#Max	QPSK	21.65	-0.41	21.24	PASS
Band25	3	26365	15	#0	QPSK	21.62	-0.41	21.21	PASS
Band25	3	26365	1	#0	16QAM	21.56	-0.41	21.15	PASS
Band25	3	26365	1	#Mid	16QAM	21.69	-0.41	21.28	PASS
Band25	3	26365	1	#Max	16QAM	21.60	-0.41	21.19	PASS
Band25	3	26365	8	#0	16QAM	20.64	-0.41	20.23	PASS
Band25	3	26365	8	#Mid	16QAM	20.71	-0.41	20.30	PASS
Band25	3	26365	8	#Max	16QAM	20.66	-0.41	20.25	PASS
Band25	3	26365	15	#0	16QAM	20.58	-0.41	20.17	PASS
Band25	3	26675	1	#0	QPSK	22.42	-0.41	22.01	PASS
Band25	3	26675	1	#Mid	QPSK	22.56	-0.41	22.15	PASS
Band25	3	26675	1	#Max	QPSK	22.55	-0.41	22.14	PASS
Band25	3	26675	8	#0	QPSK	21.65	-0.41	21.24	PASS
Band25	3	26675	8	#Mid	QPSK	21.67	-0.41	21.26	PASS
Band25	3	26675	8	#Max	QPSK	21.60	-0.41	21.19	PASS
Band25	3	26675	15	#0	QPSK	21.64	-0.41	21.23	PASS
Band25	3	26675	1	#0	16QAM	21.26	-0.41	20.85	PASS
Band25	3	26675	1	#Mid	16QAM	21.36	-0.41	20.95	PASS
Band25	3	26675	1	#Max	16QAM	21.24	-0.41	20.83	PASS
Band25	3	26675	8	#0	16QAM	20.58	-0.41	20.17	PASS
Band25	3	26675	8	#Mid	16QAM	20.66	-0.41	20.25	PASS
Band25	3	26675	8	#Max	16QAM	20.65	-0.41	20.24	PASS
Band25	3	26675	15	#0	16QAM	20.71	-0.41	20.30	PASS
Band25	5	26065	1	#0	QPSK	22.75	-0.41	22.34	PASS
Band25	5	26065	1	#Mid	QPSK	22.82	-0.41	22.41	PASS
Band25	5	26065	1	#Max	QPSK	22.70	-0.41	22.29	PASS
Band25	5	26065	12	#0	QPSK	21.72	-0.41	21.31	PASS
Band25	5	26065	12	#Mid	QPSK	21.86	-0.41	21.45	PASS
Band25	5	26065	12	#Max	QPSK	21.81	-0.41	21.40	PASS
Band25	5	26065	25	#0	QPSK	21.82	-0.41	21.41	PASS
Band25	5	26065	1	#0	16QAM	22.14	-0.41	21.73	PASS
Band25	5	26065	1	#Mid	16QAM	22.15	-0.41	21.74	PASS
Band25	5	26065	1	#Max	16QAM	22.03	-0.41	21.62	PASS
Band25	5	26065	12	#0	16QAM	20.79	-0.41	20.38	PASS
Band25	5	26065	12	#Mid	16QAM	20.93	-0.41	20.52	PASS
Band25	5	26065	12	#Max	16QAM	20.88	-0.41	20.47	PASS
Band25	5	26065	25	#0	16QAM	20.79	-0.41	20.38	PASS
Band25	5	26365	1	#0	QPSK	22.66	-0.41	22.25	PASS
Band25	5	26365	1	#Mid	QPSK	22.75	-0.41	22.34	PASS
Band25	5	26365	1	#Max	QPSK	22.66	-0.41	22.25	PASS
Band25	5	26365	12	#0	QPSK	21.65	-0.41	21.24	PASS
Band25	5	26365	12	#Mid	QPSK	21.78	-0.41	21.37	PASS
Band25	5	26365	12	#Max	QPSK	21.75	-0.41	21.34	PASS
Band25	5	26365	25	#0	QPSK	21.72	-0.41	21.31	PASS
Band25	5	26365	1	#0	16QAM	22.19	-0.41	21.78	PASS
Band25	5	26365	1	#Mid	16QAM	22.27	-0.41	21.86	PASS
Band25	5	26365	1	#Max	16QAM	22.20	-0.41	21.79	PASS
Band25	5	26365	12	#0	16QAM	20.68	-0.41	20.27	PASS
Band25	5	26365	12	#Mid	16QAM	20.79	-0.41	20.38	PASS
Band25	5	26365	12	#Max	16QAM	20.78	-0.41	20.37	PASS

Band25	5	26365	25	#0	16QAM	20.72	-0.41	20.31	PASS
Band25	5	26665	1	#0	QPSK	22.67	-0.41	22.26	PASS
Band25	5	26665	1	#Mid	QPSK	22.75	-0.41	22.34	PASS
Band25	5	26665	1	#Max	QPSK	22.71	-0.41	22.30	PASS
Band25	5	26665	12	#0	QPSK	21.73	-0.41	21.32	PASS
Band25	5	26665	12	#Mid	QPSK	21.74	-0.41	21.33	PASS
Band25	5	26665	12	#Max	QPSK	21.61	-0.41	21.20	PASS
Band25	5	26665	25	#0	QPSK	21.68	-0.41	21.27	PASS
Band25	5	26665	1	#0	16QAM	21.95	-0.41	21.54	PASS
Band25	5	26665	1	#Mid	16QAM	22.04	-0.41	21.63	PASS
Band25	5	26665	1	#Max	16QAM	22.00	-0.41	21.59	PASS
Band25	5	26665	12	#0	16QAM	20.68	-0.41	20.27	PASS
Band25	5	26665	12	#Mid	16QAM	20.73	-0.41	20.32	PASS
Band25	5	26665	12	#Max	16QAM	20.59	-0.41	20.18	PASS
Band25	5	26665	25	#0	16QAM	20.74	-0.41	20.33	PASS
Band25	10	26090	1	#0	QPSK	22.88	-0.41	22.47	PASS
Band25	10	26090	1	#Mid	QPSK	22.84	-0.41	22.43	PASS
Band25	10	26090	1	#Max	QPSK	22.76	-0.41	22.35	PASS
Band25	10	26090	25	#0	QPSK	21.70	-0.41	21.29	PASS
Band25	10	26090	25	#Mid	QPSK	21.83	-0.41	21.42	PASS
Band25	10	26090	25	#Max	QPSK	21.82	-0.41	21.41	PASS
Band25	10	26090	50	#0	QPSK	21.79	-0.41	21.38	PASS
Band25	10	26090	1	#0	16QAM	22.31	-0.41	21.90	PASS
Band25	10	26090	1	#Mid	16QAM	22.25	-0.41	21.84	PASS
Band25	10	26090	1	#Max	16QAM	22.21	-0.41	21.80	PASS
Band25	10	26090	25	#0	16QAM	20.75	-0.41	20.34	PASS
Band25	10	26090	25	#Mid	16QAM	20.90	-0.41	20.49	PASS
Band25	10	26090	25	#Max	16QAM	20.87	-0.41	20.46	PASS
Band25	10	26090	50	#0	16QAM	20.78	-0.41	20.37	PASS
Band25	10	26365	1	#0	QPSK	22.69	-0.41	22.28	PASS
Band25	10	26365	1	#Mid	QPSK	22.77	-0.41	22.36	PASS
Band25	10	26365	1	#Max	QPSK	22.75	-0.41	22.34	PASS
Band25	10	26365	25	#0	QPSK	21.69	-0.41	21.28	PASS
Band25	10	26365	25	#Mid	QPSK	21.77	-0.41	21.36	PASS
Band25	10	26365	25	#Max	QPSK	21.76	-0.41	21.35	PASS
Band25	10	26365	50	#0	QPSK	21.75	-0.41	21.34	PASS
Band25	10	26365	1	#0	16QAM	21.91	-0.41	21.50	PASS
Band25	10	26365	1	#Mid	16QAM	21.95	-0.41	21.54	PASS
Band25	10	26365	1	#Max	16QAM	21.87	-0.41	21.46	PASS
Band25	10	26365	25	#0	16QAM	20.71	-0.41	20.30	PASS
Band25	10	26365	25	#Mid	16QAM	20.81	-0.41	20.40	PASS
Band25	10	26365	25	#Max	16QAM	20.79	-0.41	20.38	PASS
Band25	10	26365	50	#0	16QAM	20.78	-0.41	20.37	PASS
Band25	10	26640	1	#0	QPSK	22.72	-0.41	22.31	PASS
Band25	10	26640	1	#Mid	QPSK	22.83	-0.41	22.42	PASS
Band25	10	26640	1	#Max	QPSK	22.79	-0.41	22.38	PASS
Band25	10	26640	25	#0	QPSK	21.65	-0.41	21.24	PASS
Band25	10	26640	25	#Mid	QPSK	21.71	-0.41	21.30	PASS
Band25	10	26640	25	#Max	QPSK	21.59	-0.41	21.18	PASS
Band25	10	26640	50	#0	QPSK	21.65	-0.41	21.24	PASS
Band25	10	26640	1	#0	16QAM	21.57	-0.41	21.16	PASS
Band25	10	26640	1	#Mid	16QAM	21.58	-0.41	21.17	PASS
Band25	10	26640	1	#Max	16QAM	21.57	-0.41	21.16	PASS
Band25	10	26640	25	#0	16QAM	20.65	-0.41	20.24	PASS
Band25	10	26640	25	#Mid	16QAM	20.75	-0.41	20.34	PASS
Band25	10	26640	25	#Max	16QAM	20.63	-0.41	20.22	PASS
Band25	10	26640	50	#0	16QAM	20.63	-0.41	20.22	PASS

Band25	20	26140	1	#0	QPSK	22.74	-0.41	22.33	PASS
Band25	20	26140	1	#Mid	QPSK	22.87	-0.41	22.46	PASS
Band25	20	26140	1	#Max	QPSK	22.61	-0.41	22.20	PASS
Band25	20	26140	50	#0	QPSK	21.66	-0.41	21.25	PASS
Band25	20	26140	50	#Mid	QPSK	21.82	-0.41	21.41	PASS
Band25	20	26140	50	#Max	QPSK	21.74	-0.41	21.33	PASS
Band25	20	26140	100	#0	QPSK	21.67	-0.41	21.26	PASS
Band25	20	26140	1	#0	16QAM	22.05	-0.41	21.64	PASS
Band25	20	26140	1	#Mid	16QAM	22.16	-0.41	21.75	PASS
Band25	20	26140	1	#Max	16QAM	21.98	-0.41	21.57	PASS
Band25	20	26140	50	#0	16QAM	20.71	-0.41	20.30	PASS
Band25	20	26140	50	#Mid	16QAM	20.91	-0.41	20.50	PASS
Band25	20	26140	50	#Max	16QAM	20.82	-0.41	20.41	PASS
Band25	20	26140	100	#0	16QAM	20.72	-0.41	20.31	PASS
Band25	20	26365	1	#0	QPSK	22.62	-0.41	22.21	PASS
Band25	20	26365	1	#Mid	QPSK	22.89	-0.41	22.48	PASS
Band25	20	26365	1	#Max	QPSK	22.71	-0.41	22.30	PASS
Band25	20	26365	50	#0	QPSK	21.69	-0.41	21.28	PASS
Band25	20	26365	50	#Mid	QPSK	21.80	-0.41	21.39	PASS
Band25	20	26365	50	#Max	QPSK	21.83	-0.41	21.42	PASS
Band25	20	26365	100	#0	QPSK	21.75	-0.41	21.34	PASS
Band25	20	26365	1	#0	16QAM	21.86	-0.41	21.45	PASS
Band25	20	26365	1	#Mid	16QAM	22.05	-0.41	21.64	PASS
Band25	20	26365	1	#Max	16QAM	21.87	-0.41	21.46	PASS
Band25	20	26365	50	#0	16QAM	20.71	-0.41	20.30	PASS
Band25	20	26365	50	#Mid	16QAM	20.83	-0.41	20.42	PASS
Band25	20	26365	50	#Max	16QAM	20.81	-0.41	20.40	PASS
Band25	20	26365	100	#0	16QAM	20.75	-0.41	20.34	PASS
Band25	20	26590	1	#0	QPSK	22.57	-0.41	22.16	PASS
Band25	20	26590	1	#Mid	QPSK	22.79	-0.41	22.38	PASS
Band25	20	26590	1	#Max	QPSK	22.62	-0.41	22.21	PASS
Band25	20	26590	50	#0	QPSK	21.78	-0.41	21.37	PASS
Band25	20	26590	50	#Mid	QPSK	21.81	-0.41	21.40	PASS
Band25	20	26590	50	#Max	QPSK	21.66	-0.41	21.25	PASS
Band25	20	26590	100	#0	QPSK	21.70	-0.41	21.29	PASS
Band25	20	26590	1	#0	16QAM	21.85	-0.41	21.44	PASS
Band25	20	26590	1	#Mid	16QAM	22.07	-0.41	21.66	PASS
Band25	20	26590	1	#Max	16QAM	21.84	-0.41	21.43	PASS
Band25	20	26590	50	#0	16QAM	20.85	-0.41	20.44	PASS
Band25	20	26590	50	#Mid	16QAM	20.85	-0.41	20.44	PASS
Band25	20	26590	50	#Max	16QAM	20.71	-0.41	20.30	PASS
Band25	20	26590	100	#0	16QAM	20.73	-0.41	20.32	PASS
Band25	15	26115	1	#0	QPSK	23.27	-0.41	22.86	PASS
Band25	15	26115	1	#Mid	QPSK	23.53	-0.41	23.12	PASS
Band25	15	26115	1	#Max	QPSK	23.64	-0.41	23.23	PASS
Band25	15	26115	36	#0	QPSK	22.46	-0.41	22.05	PASS
Band25	15	26115	36	#Mid	QPSK	22.44	-0.41	22.03	PASS
Band25	15	26115	36	#Max	QPSK	22.57	-0.41	22.16	PASS
Band25	15	26115	75	#0	QPSK	22.46	-0.41	22.05	PASS
Band25	15	26115	1	#0	16QAM	23.30	-0.41	22.89	PASS
Band25	15	26115	1	#Mid	16QAM	23.54	-0.41	23.13	PASS
Band25	15	26115	1	#Max	16QAM	23.60	-0.41	23.19	PASS
Band25	15	26115	36	#0	16QAM	21.79	-0.41	21.38	PASS
Band25	15	26115	36	#Mid	16QAM	21.46	-0.41	21.05	PASS
Band25	15	26115	36	#Max	16QAM	21.91	-0.41	21.5	PASS
Band25	15	26115	75	#0	16QAM	21.47	-0.41	21.06	PASS
Band25	15	26365	1	#0	QPSK	23.38	-0.41	22.97	PASS

Band25	15	26365	1	#Mid	QPSK	23.53	-0.41	23.12	PASS
Band25	15	26365	1	#Max	QPSK	23.60	-0.41	23.19	PASS
Band25	15	26365	36	#0	QPSK	22.54	-0.41	22.13	PASS
Band25	15	26365	36	#Mid	QPSK	22.60	-0.41	22.19	PASS
Band25	15	26365	36	#Max	QPSK	22.47	-0.41	22.06	PASS
Band25	15	26365	75	#0	QPSK	22.46	-0.41	22.05	PASS
Band25	15	26365	1	#0	16QAM	22.51	-0.41	22.1	PASS
Band25	15	26365	1	#Mid	16QAM	22.53	-0.41	22.12	PASS
Band25	15	26365	1	#Max	16QAM	22.69	-0.41	22.28	PASS
Band25	15	26365	36	#0	16QAM	21.67	-0.41	21.26	PASS
Band25	15	26365	36	#Mid	16QAM	21.58	-0.41	21.17	PASS
Band25	15	26365	36	#Max	16QAM	22.00	-0.41	21.59	PASS
Band25	15	26365	75	#0	16QAM	21.46	-0.41	21.05	PASS
Band25	15	26615	1	#0	QPSK	23.30	-0.41	22.89	PASS
Band25	15	26615	1	#Mid	QPSK	23.74	-0.41	23.33	PASS
Band25	15	26615	1	#Max	QPSK	23.96	-0.41	23.55	PASS
Band25	15	26615	36	#0	QPSK	22.73	-0.41	22.32	PASS
Band25	15	26615	36	#Mid	QPSK	22.80	-0.41	22.39	PASS
Band25	15	26615	36	#Max	QPSK	23.02	-0.41	22.61	PASS
Band25	15	26615	75	#0	QPSK	22.74	-0.41	22.33	PASS
Band25	15	26615	1	#0	16QAM	23.14	-0.41	22.73	PASS
Band25	15	26615	1	#Mid	16QAM	23.58	-0.41	23.17	PASS
Band25	15	26615	1	#Max	16QAM	23.86	-0.41	23.45	PASS
Band25	15	26615	36	#0	16QAM	21.66	-0.41	21.25	PASS
Band25	15	26615	36	#Mid	16QAM	21.75	-0.41	21.34	PASS
Band25	15	26615	36	#Max	16QAM	21.95	-0.41	21.54	PASS
Band25	15	26615	75	#0	16QAM	21.87	-0.41	21.46	PASS

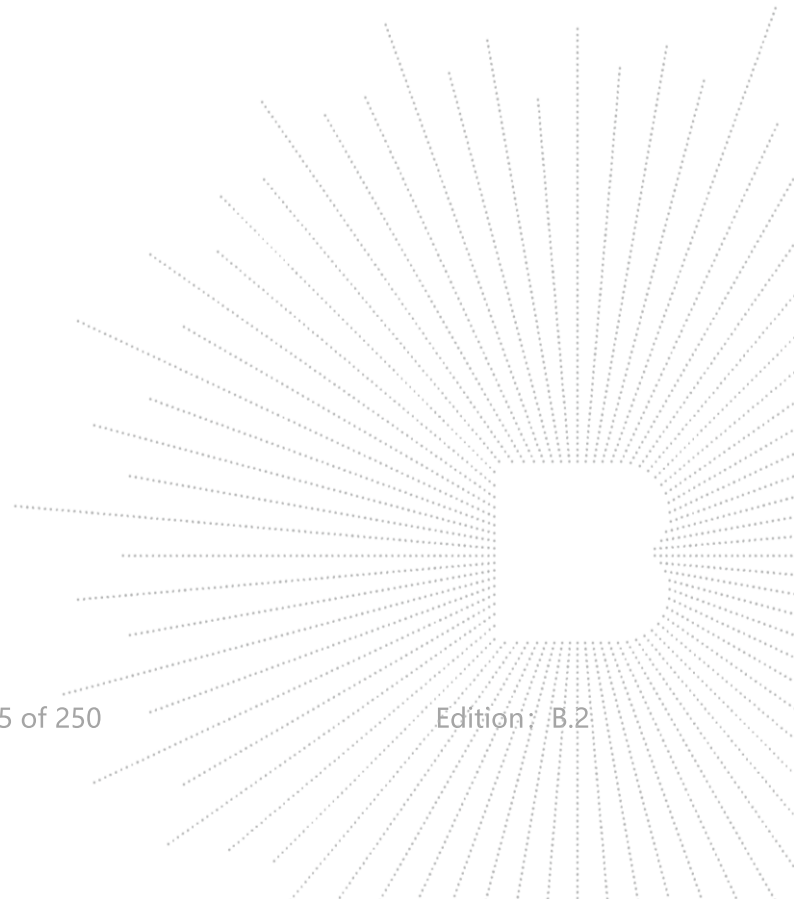


Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band26(814-824)	1.4	26697	1	#0	QPSK	23.15	-1.47	19.53	PASS
Band26(814-824)	1.4	26697	1	#Mid	QPSK	23.27	-1.47	19.65	PASS
Band26(814-824)	1.4	26697	1	#Max	QPSK	23.17	-1.47	19.55	PASS
Band26(814-824)	1.4	26697	3	#0	QPSK	23.19	-1.47	19.57	PASS
Band26(814-824)	1.4	26697	3	#Mid	QPSK	23.22	-1.47	19.60	PASS
Band26(814-824)	1.4	26697	3	#Max	QPSK	23.16	-1.47	19.54	PASS
Band26(814-824)	1.4	26697	6	#0	QPSK	22.24	-1.47	18.62	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	22.24	-1.47	18.62	PASS
Band26(814-824)	1.4	26697	1	#Mid	16QAM	22.32	-1.47	18.70	PASS
Band26(814-824)	1.4	26697	1	#Max	16QAM	22.25	-1.47	18.63	PASS
Band26(814-824)	1.4	26697	3	#0	16QAM	22.38	-1.47	18.76	PASS
Band26(814-824)	1.4	26697	3	#Mid	16QAM	22.38	-1.47	18.76	PASS
Band26(814-824)	1.4	26697	3	#Max	16QAM	22.33	-1.47	18.71	PASS
Band26(814-824)	1.4	26697	6	#0	16QAM	21.44	-1.47	17.82	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	23.04	-1.47	19.42	PASS
Band26(814-824)	1.4	26740	1	#Mid	QPSK	23.13	-1.47	19.51	PASS
Band26(814-824)	1.4	26740	1	#Max	QPSK	23.08	-1.47	19.46	PASS
Band26(814-824)	1.4	26740	3	#0	QPSK	23.12	-1.47	19.50	PASS
Band26(814-824)	1.4	26740	3	#Mid	QPSK	23.16	-1.47	19.54	PASS
Band26(814-824)	1.4	26740	3	#Max	QPSK	23.13	-1.47	19.51	PASS
Band26(814-824)	1.4	26740	6	#0	QPSK	22.19	-1.47	18.57	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	21.88	-1.47	18.26	PASS
Band26(814-824)	1.4	26740	1	#Mid	16QAM	22.00	-1.47	18.38	PASS
Band26(814-824)	1.4	26740	1	#Max	16QAM	21.90	-1.47	18.28	PASS
Band26(814-824)	1.4	26740	3	#0	16QAM	22.29	-1.47	18.67	PASS
Band26(814-824)	1.4	26740	3	#Mid	16QAM	22.39	-1.47	18.77	PASS
Band26(814-824)	1.4	26740	3	#Max	16QAM	22.30	-1.47	18.68	PASS
Band26(814-824)	1.4	26740	6	#0	16QAM	21.37	-1.47	17.75	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	23.08	-1.47	19.46	PASS
Band26(814-824)	1.4	26783	1	#Mid	QPSK	23.16	-1.47	19.54	PASS
Band26(814-824)	1.4	26783	1	#Max	QPSK	23.11	-1.47	19.49	PASS
Band26(814-824)	1.4	26783	3	#0	QPSK	23.14	-1.47	19.52	PASS
Band26(814-824)	1.4	26783	3	#Mid	QPSK	23.15	-1.47	19.53	PASS
Band26(814-824)	1.4	26783	3	#Max	QPSK	23.14	-1.47	19.52	PASS
Band26(814-824)	1.4	26783	6	#0	QPSK	22.19	-1.47	18.57	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	21.92	-1.47	18.30	PASS
Band26(814-824)	1.4	26783	1	#Mid	16QAM	22.01	-1.47	18.39	PASS
Band26(814-824)	1.4	26783	1	#Max	16QAM	22.01	-1.47	18.39	PASS
Band26(814-824)	1.4	26783	3	#0	16QAM	22.29	-1.47	18.67	PASS
Band26(814-824)	1.4	26783	3	#Mid	16QAM	22.32	-1.47	18.70	PASS
Band26(814-824)	1.4	26783	3	#Max	16QAM	22.35	-1.47	18.73	PASS
Band26(814-824)	1.4	26783	6	#0	16QAM	21.41	-1.47	17.79	PASS
Band26(814-824)	3	26705	1	#0	QPSK	23.03	-1.47	19.41	PASS
Band26(814-824)	3	26705	1	#Mid	QPSK	23.09	-1.47	19.47	PASS
Band26(814-824)	3	26705	1	#Max	QPSK	23.02	-1.47	19.40	PASS
Band26(814-824)	3	26705	8	#0	QPSK	22.18	-1.47	18.56	PASS
Band26(814-824)	3	26705	8	#Mid	QPSK	22.19	-1.47	18.57	PASS
Band26(814-824)	3	26705	8	#Max	QPSK	22.20	-1.47	18.58	PASS
Band26(814-824)	3	26705	15	#0	QPSK	22.22	-1.47	18.60	PASS
Band26(814-824)	3	26705	1	#0	16QAM	21.89	-1.47	18.27	PASS
Band26(814-824)	3	26705	1	#Mid	16QAM	21.96	-1.47	18.34	PASS
Band26(814-824)	3	26705	1	#Max	16QAM	21.83	-1.47	18.21	PASS
Band26(814-824)	3	26705	8	#0	16QAM	21.17	-1.47	17.55	PASS
Band26(814-824)	3	26705	8	#Mid	16QAM	21.17	-1.47	17.55	PASS

Band26(814-824)	3	26705	8	#Max	16QAM	21.18	-1.47	17.56	PASS
Band26(814-824)	3	26705	15	#0	16QAM	21.27	-1.47	17.65	PASS
Band26(814-824)	3	26740	1	#0	QPSK	22.94	-1.47	19.32	PASS
Band26(814-824)	3	26740	1	#Mid	QPSK	22.97	-1.47	19.35	PASS
Band26(814-824)	3	26740	1	#Max	QPSK	22.85	-1.47	19.23	PASS
Band26(814-824)	3	26740	8	#0	QPSK	22.15	-1.47	18.53	PASS
Band26(814-824)	3	26740	8	#Mid	QPSK	22.17	-1.47	18.55	PASS
Band26(814-824)	3	26740	8	#Max	QPSK	22.17	-1.47	18.55	PASS
Band26(814-824)	3	26740	15	#0	QPSK	22.09	-1.47	18.47	PASS
Band26(814-824)	3	26740	1	#0	16QAM	22.33	-1.47	18.71	PASS
Band26(814-824)	3	26740	1	#Mid	16QAM	22.48	-1.47	18.86	PASS
Band26(814-824)	3	26740	1	#Max	16QAM	22.37	-1.47	18.75	PASS
Band26(814-824)	3	26740	8	#0	16QAM	21.17	-1.47	17.55	PASS
Band26(814-824)	3	26740	8	#Mid	16QAM	21.19	-1.47	17.57	PASS
Band26(814-824)	3	26740	8	#Max	16QAM	21.14	-1.47	17.52	PASS
Band26(814-824)	3	26740	15	#0	16QAM	21.18	-1.47	17.56	PASS
Band26(814-824)	3	26775	1	#0	QPSK	22.93	-1.47	19.31	PASS
Band26(814-824)	3	26775	1	#Mid	QPSK	23.02	-1.47	19.40	PASS
Band26(814-824)	3	26775	1	#Max	QPSK	22.93	-1.47	19.31	PASS
Band26(814-824)	3	26775	8	#0	QPSK	22.15	-1.47	18.53	PASS
Band26(814-824)	3	26775	8	#Mid	QPSK	22.14	-1.47	18.52	PASS
Band26(814-824)	3	26775	8	#Max	QPSK	22.14	-1.47	18.52	PASS
Band26(814-824)	3	26775	15	#0	QPSK	22.12	-1.47	18.50	PASS
Band26(814-824)	3	26775	1	#0	16QAM	22.09	-1.47	18.47	PASS
Band26(814-824)	3	26775	1	#Mid	16QAM	22.23	-1.47	18.61	PASS
Band26(814-824)	3	26775	1	#Max	16QAM	22.13	-1.47	18.51	PASS
Band26(814-824)	3	26775	8	#0	16QAM	21.17	-1.47	17.55	PASS
Band26(814-824)	3	26775	8	#Mid	16QAM	21.22	-1.47	17.60	PASS
Band26(814-824)	3	26775	8	#Max	16QAM	21.13	-1.47	17.51	PASS
Band26(814-824)	3	26775	15	#0	16QAM	21.13	-1.47	17.51	PASS
Band26(814-824)	5	26715	1	#0	QPSK	23.26	-1.47	19.64	PASS
Band26(814-824)	5	26715	1	#Mid	QPSK	23.28	-1.47	19.66	PASS
Band26(814-824)	5	26715	1	#Max	QPSK	23.19	-1.47	19.57	PASS
Band26(814-824)	5	26715	12	#0	QPSK	22.17	-1.47	18.55	PASS
Band26(814-824)	5	26715	12	#Mid	QPSK	22.28	-1.47	18.66	PASS
Band26(814-824)	5	26715	12	#Max	QPSK	22.29	-1.47	18.67	PASS
Band26(814-824)	5	26715	25	#0	QPSK	22.21	-1.47	18.59	PASS
Band26(814-824)	5	26715	1	#0	16QAM	22.75	-1.47	19.13	PASS
Band26(814-824)	5	26715	1	#Mid	16QAM	22.81	-1.47	19.19	PASS
Band26(814-824)	5	26715	1	#Max	16QAM	22.78	-1.47	19.16	PASS
Band26(814-824)	5	26715	12	#0	16QAM	21.19	-1.47	17.57	PASS
Band26(814-824)	5	26715	12	#Mid	16QAM	21.28	-1.47	17.66	PASS
Band26(814-824)	5	26715	12	#Max	16QAM	21.27	-1.47	17.65	PASS
Band26(814-824)	5	26715	25	#0	16QAM	21.22	-1.47	17.60	PASS
Band26(814-824)	5	26740	1	#0	QPSK	23.17	-1.47	19.55	PASS
Band26(814-824)	5	26740	1	#Mid	QPSK	23.25	-1.47	19.63	PASS
Band26(814-824)	5	26740	1	#Max	QPSK	23.18	-1.47	19.56	PASS
Band26(814-824)	5	26740	12	#0	QPSK	22.15	-1.47	18.53	PASS
Band26(814-824)	5	26740	12	#Mid	QPSK	22.30	-1.47	18.68	PASS
Band26(814-824)	5	26740	12	#Max	QPSK	22.20	-1.47	18.58	PASS
Band26(814-824)	5	26740	25	#0	QPSK	22.19	-1.47	18.57	PASS
Band26(814-824)	5	26740	1	#0	16QAM	22.51	-1.47	18.89	PASS
Band26(814-824)	5	26740	1	#Mid	16QAM	22.61	-1.47	18.99	PASS
Band26(814-824)	5	26740	1	#Max	16QAM	22.51	-1.47	18.89	PASS
Band26(814-824)	5	26740	12	#0	16QAM	21.13	-1.47	17.51	PASS
Band26(814-824)	5	26740	12	#Mid	16QAM	21.25	-1.47	17.63	PASS
Band26(814-824)	5	26740	12	#Max	16QAM	21.16	-1.47	17.54	PASS



Band26(814-824)	5	26740	25	#0	16QAM	21.23	-1.47	17.61	PASS
Band26(814-824)	5	26765	1	#0	QPSK	23.11	-1.47	19.49	PASS
Band26(814-824)	5	26765	1	#Mid	QPSK	23.21	-1.47	19.59	PASS
Band26(814-824)	5	26765	1	#Max	QPSK	23.13	-1.47	19.51	PASS
Band26(814-824)	5	26765	12	#0	QPSK	22.22	-1.47	18.60	PASS
Band26(814-824)	5	26765	12	#Mid	QPSK	22.31	-1.47	18.69	PASS
Band26(814-824)	5	26765	12	#Max	QPSK	22.20	-1.47	18.58	PASS
Band26(814-824)	5	26765	25	#0	QPSK	22.20	-1.47	18.58	PASS
Band26(814-824)	5	26765	1	#0	16QAM	22.53	-1.47	18.91	PASS
Band26(814-824)	5	26765	1	#Mid	16QAM	22.60	-1.47	18.98	PASS
Band26(814-824)	5	26765	1	#Max	16QAM	22.53	-1.47	18.91	PASS
Band26(814-824)	5	26765	12	#0	16QAM	21.24	-1.47	17.62	PASS
Band26(814-824)	5	26765	12	#Mid	16QAM	21.35	-1.47	17.73	PASS
Band26(814-824)	5	26765	12	#Max	16QAM	21.25	-1.47	17.63	PASS
Band26(814-824)	5	26765	25	#0	16QAM	21.22	-1.47	17.60	PASS
Band26(814-824)	10	26740	1	#0	QPSK	23.27	-1.47	19.65	PASS
Band26(814-824)	10	26740	1	#Mid	QPSK	23.29	-1.47	19.67	PASS
Band26(814-824)	10	26740	1	#Max	QPSK	23.27	-1.47	19.65	PASS
Band26(814-824)	10	26740	25	#0	QPSK	22.14	-1.47	18.52	PASS
Band26(814-824)	10	26740	25	#Mid	QPSK	22.29	-1.47	18.67	PASS
Band26(814-824)	10	26740	25	#Max	QPSK	22.17	-1.47	18.55	PASS
Band26(814-824)	10	26740	50	#0	QPSK	22.22	-1.47	18.60	PASS
Band26(814-824)	10	26740	1	#0	16QAM	22.72	-1.47	19.10	PASS
Band26(814-824)	10	26740	1	#Mid	16QAM	22.71	-1.47	19.09	PASS
Band26(814-824)	10	26740	1	#Max	16QAM	22.74	-1.47	19.12	PASS
Band26(814-824)	10	26740	25	#0	16QAM	21.19	-1.47	17.57	PASS
Band26(814-824)	10	26740	25	#Mid	16QAM	21.30	-1.47	17.68	PASS
Band26(814-824)	10	26740	25	#Max	16QAM	21.30	-1.47	17.68	PASS
Band26(814-824)	10	26740	50	#0	16QAM	21.18	-1.47	17.56	PASS

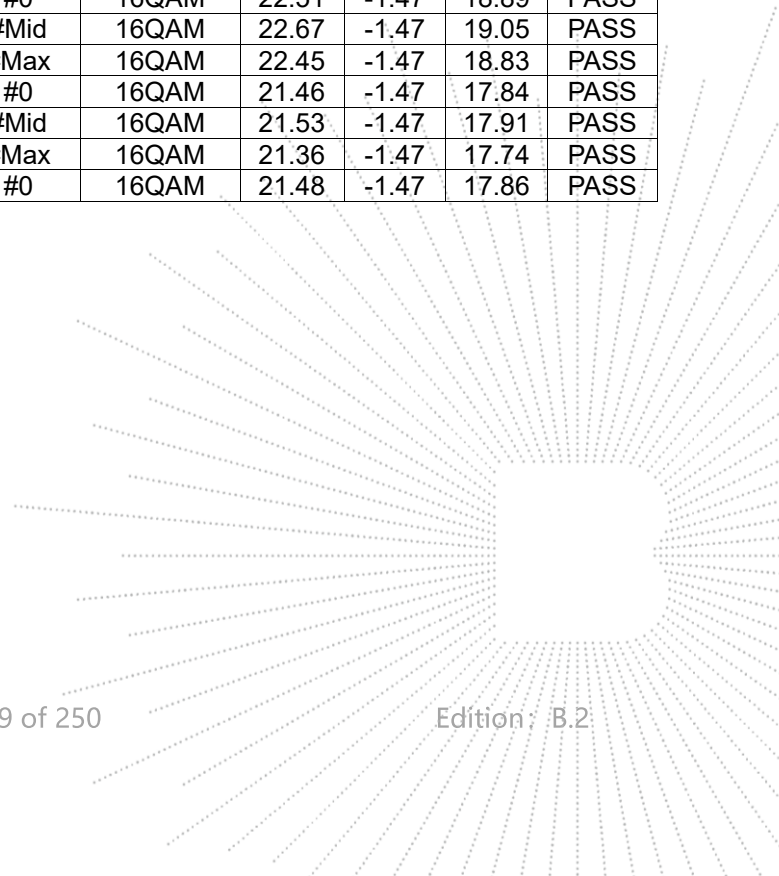


Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band26(824-849)	1.4	26797	1	#0	QPSK	23.11	-1.47	19.49	PASS
Band26(824-849)	1.4	26797	1	#Mid	QPSK	23.20	-1.47	19.58	PASS
Band26(824-849)	1.4	26797	1	#Max	QPSK	23.17	-1.47	19.55	PASS
Band26(824-849)	1.4	26797	3	#0	QPSK	23.18	-1.47	19.56	PASS
Band26(824-849)	1.4	26797	3	#Mid	QPSK	23.21	-1.47	19.59	PASS
Band26(824-849)	1.4	26797	3	#Max	QPSK	23.18	-1.47	19.56	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	22.23	-1.47	18.61	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	22.01	-1.47	18.39	PASS
Band26(824-849)	1.4	26797	1	#Mid	16QAM	22.08	-1.47	18.46	PASS
Band26(824-849)	1.4	26797	1	#Max	16QAM	22.01	-1.47	18.39	PASS
Band26(824-849)	1.4	26797	3	#0	16QAM	22.35	-1.47	18.73	PASS
Band26(824-849)	1.4	26797	3	#Mid	16QAM	22.42	-1.47	18.80	PASS
Band26(824-849)	1.4	26797	3	#Max	16QAM	22.39	-1.47	18.77	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	21.49	-1.47	17.87	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	23.38	-1.47	19.76	PASS
Band26(824-849)	1.4	26915	1	#Mid	QPSK	23.47	-1.47	19.85	PASS
Band26(824-849)	1.4	26915	1	#Max	QPSK	23.35	-1.47	19.73	PASS
Band26(824-849)	1.4	26915	3	#0	QPSK	23.35	-1.47	19.73	PASS
Band26(824-849)	1.4	26915	3	#Mid	QPSK	23.42	-1.47	19.80	PASS
Band26(824-849)	1.4	26915	3	#Max	QPSK	23.40	-1.47	19.78	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	22.44	-1.47	18.82	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	22.51	-1.47	18.89	PASS
Band26(824-849)	1.4	26915	1	#Mid	16QAM	22.54	-1.47	18.92	PASS
Band26(824-849)	1.4	26915	1	#Max	16QAM	22.51	-1.47	18.89	PASS
Band26(824-849)	1.4	26915	3	#0	16QAM	22.61	-1.47	18.99	PASS
Band26(824-849)	1.4	26915	3	#Mid	16QAM	22.63	-1.47	19.01	PASS
Band26(824-849)	1.4	26915	3	#Max	16QAM	22.59	-1.47	18.97	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	21.70	-1.47	18.08	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	23.16	-1.47	19.54	PASS
Band26(824-849)	1.4	27033	1	#Mid	QPSK	23.28	-1.47	19.66	PASS
Band26(824-849)	1.4	27033	1	#Max	QPSK	23.13	-1.47	19.51	PASS
Band26(824-849)	1.4	27033	3	#0	QPSK	23.28	-1.47	19.66	PASS
Band26(824-849)	1.4	27033	3	#Mid	QPSK	23.29	-1.47	19.67	PASS
Band26(824-849)	1.4	27033	3	#Max	QPSK	23.27	-1.47	19.65	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	22.33	-1.47	18.71	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	22.37	-1.47	18.75	PASS
Band26(824-849)	1.4	27033	1	#Mid	16QAM	22.40	-1.47	18.78	PASS
Band26(824-849)	1.4	27033	1	#Max	16QAM	22.35	-1.47	18.73	PASS
Band26(824-849)	1.4	27033	3	#0	16QAM	22.49	-1.47	18.87	PASS
Band26(824-849)	1.4	27033	3	#Mid	16QAM	22.54	-1.47	18.92	PASS
Band26(824-849)	1.4	27033	3	#Max	16QAM	22.52	-1.47	18.90	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	21.49	-1.47	17.87	PASS
Band26(824-849)	3	26805	1	#0	QPSK	22.94	-1.47	19.32	PASS
Band26(824-849)	3	26805	1	#Mid	QPSK	23.04	-1.47	19.42	PASS
Band26(824-849)	3	26805	1	#Max	QPSK	22.96	-1.47	19.34	PASS
Band26(824-849)	3	26805	8	#0	QPSK	22.13	-1.47	18.51	PASS
Band26(824-849)	3	26805	8	#Mid	QPSK	22.23	-1.47	18.61	PASS
Band26(824-849)	3	26805	8	#Max	QPSK	22.21	-1.47	18.59	PASS
Band26(824-849)	3	26805	15	#0	QPSK	22.20	-1.47	18.58	PASS
Band26(824-849)	3	26805	1	#0	16QAM	22.42	-1.47	18.80	PASS
Band26(824-849)	3	26805	1	#Mid	16QAM	22.51	-1.47	18.89	PASS
Band26(824-849)	3	26805	1	#Max	16QAM	22.40	-1.47	18.78	PASS
Band26(824-849)	3	26805	8	#0	16QAM	21.20	-1.47	17.58	PASS
Band26(824-849)	3	26805	8	#Mid	16QAM	21.25	-1.47	17.63	PASS

Band26(824-849)	3	26805	8	#Max	16QAM	21.24	-1.47	17.62	PASS
Band26(824-849)	3	26805	15	#0	16QAM	21.22	-1.47	17.60	PASS
Band26(824-849)	3	26915	1	#0	QPSK	23.13	-1.47	19.51	PASS
Band26(824-849)	3	26915	1	#Mid	QPSK	23.24	-1.47	19.62	PASS
Band26(824-849)	3	26915	1	#Max	QPSK	23.18	-1.47	19.56	PASS
Band26(824-849)	3	26915	8	#0	QPSK	22.34	-1.47	18.72	PASS
Band26(824-849)	3	26915	8	#Mid	QPSK	22.44	-1.47	18.82	PASS
Band26(824-849)	3	26915	8	#Max	QPSK	22.40	-1.47	18.78	PASS
Band26(824-849)	3	26915	15	#0	QPSK	22.40	-1.47	18.78	PASS
Band26(824-849)	3	26915	1	#0	16QAM	22.37	-1.47	18.75	PASS
Band26(824-849)	3	26915	1	#Mid	16QAM	22.48	-1.47	18.86	PASS
Band26(824-849)	3	26915	1	#Max	16QAM	22.41	-1.47	18.79	PASS
Band26(824-849)	3	26915	8	#0	16QAM	21.38	-1.47	17.76	PASS
Band26(824-849)	3	26915	8	#Mid	16QAM	21.46	-1.47	17.84	PASS
Band26(824-849)	3	26915	8	#Max	16QAM	21.40	-1.47	17.78	PASS
Band26(824-849)	3	26915	15	#0	16QAM	21.38	-1.47	17.76	PASS
Band26(824-849)	3	27025	1	#0	QPSK	23.18	-1.47	19.56	PASS
Band26(824-849)	3	27025	1	#Mid	QPSK	23.20	-1.47	19.58	PASS
Band26(824-849)	3	27025	1	#Max	QPSK	23.18	-1.47	19.56	PASS
Band26(824-849)	3	27025	8	#0	QPSK	22.34	-1.47	18.72	PASS
Band26(824-849)	3	27025	8	#Mid	QPSK	22.39	-1.47	18.77	PASS
Band26(824-849)	3	27025	8	#Max	QPSK	22.29	-1.47	18.67	PASS
Band26(824-849)	3	27025	15	#0	QPSK	22.31	-1.47	18.69	PASS
Band26(824-849)	3	27025	1	#0	16QAM	21.97	-1.47	18.35	PASS
Band26(824-849)	3	27025	1	#Mid	16QAM	22.07	-1.47	18.45	PASS
Band26(824-849)	3	27025	1	#Max	16QAM	21.91	-1.47	18.29	PASS
Band26(824-849)	3	27025	8	#0	16QAM	21.30	-1.47	17.68	PASS
Band26(824-849)	3	27025	8	#Mid	16QAM	21.34	-1.47	17.72	PASS
Band26(824-849)	3	27025	8	#Max	16QAM	21.27	-1.47	17.65	PASS
Band26(824-849)	3	27025	15	#0	16QAM	21.42	-1.47	17.80	PASS
Band26(824-849)	5	26815	1	#0	QPSK	23.23	-1.47	19.61	PASS
Band26(824-849)	5	26815	1	#Mid	QPSK	23.33	-1.47	19.71	PASS
Band26(824-849)	5	26815	1	#Max	QPSK	23.29	-1.47	19.67	PASS
Band26(824-849)	5	26815	12	#0	QPSK	22.23	-1.47	18.61	PASS
Band26(824-849)	5	26815	12	#Mid	QPSK	22.36	-1.47	18.74	PASS
Band26(824-849)	5	26815	12	#Max	QPSK	22.34	-1.47	18.72	PASS
Band26(824-849)	5	26815	25	#0	QPSK	22.30	-1.47	18.68	PASS
Band26(824-849)	5	26815	1	#0	16QAM	22.81	-1.47	19.19	PASS
Band26(824-849)	5	26815	1	#Mid	16QAM	22.90	-1.47	19.28	PASS
Band26(824-849)	5	26815	1	#Max	16QAM	22.89	-1.47	19.27	PASS
Band26(824-849)	5	26815	12	#0	16QAM	21.26	-1.47	17.64	PASS
Band26(824-849)	5	26815	12	#Mid	16QAM	21.37	-1.47	17.75	PASS
Band26(824-849)	5	26815	12	#Max	16QAM	21.35	-1.47	17.73	PASS
Band26(824-849)	5	26815	25	#0	16QAM	21.28	-1.47	17.66	PASS
Band26(824-849)	5	26915	1	#0	QPSK	23.40	-1.47	19.78	PASS
Band26(824-849)	5	26915	1	#Mid	QPSK	23.51	-1.47	19.89	PASS
Band26(824-849)	5	26915	1	#Max	QPSK	23.46	-1.47	19.84	PASS
Band26(824-849)	5	26915	12	#0	QPSK	22.47	-1.47	18.85	PASS
Band26(824-849)	5	26915	12	#Mid	QPSK	22.50	-1.47	18.88	PASS
Band26(824-849)	5	26915	12	#Max	QPSK	22.51	-1.47	18.89	PASS
Band26(824-849)	5	26915	25	#0	QPSK	22.48	-1.47	18.86	PASS
Band26(824-849)	5	26915	1	#0	16QAM	22.74	-1.47	19.12	PASS
Band26(824-849)	5	26915	1	#Mid	16QAM	22.86	-1.47	19.24	PASS
Band26(824-849)	5	26915	1	#Max	16QAM	22.76	-1.47	19.14	PASS
Band26(824-849)	5	26915	12	#0	16QAM	21.42	-1.47	17.80	PASS
Band26(824-849)	5	26915	12	#Mid	16QAM	21.47	-1.47	17.85	PASS
Band26(824-849)	5	26915	12	#Max	16QAM	21.41	-1.47	17.79	PASS

Band26(824-849)	5	26915	25	#0	16QAM	21.51	-1.47	17.89	PASS
Band26(824-849)	5	27015	1	#0	QPSK	23.35	-1.47	19.73	PASS
Band26(824-849)	5	27015	1	#Mid	QPSK	23.40	-1.47	19.78	PASS
Band26(824-849)	5	27015	1	#Max	QPSK	23.25	-1.47	19.63	PASS
Band26(824-849)	5	27015	12	#0	QPSK	22.43	-1.47	18.81	PASS
Band26(824-849)	5	27015	12	#Mid	QPSK	22.44	-1.47	18.82	PASS
Band26(824-849)	5	27015	12	#Max	QPSK	22.33	-1.47	18.71	PASS
Band26(824-849)	5	27015	25	#0	QPSK	22.42	-1.47	18.80	PASS
Band26(824-849)	5	27015	1	#0	16QAM	22.69	-1.47	19.07	PASS
Band26(824-849)	5	27015	1	#Mid	16QAM	22.78	-1.47	19.16	PASS
Band26(824-849)	5	27015	1	#Max	16QAM	22.57	-1.47	18.95	PASS
Band26(824-849)	5	27015	12	#0	16QAM	21.53	-1.47	17.91	PASS
Band26(824-849)	5	27015	12	#Mid	16QAM	21.52	-1.47	17.90	PASS
Band26(824-849)	5	27015	12	#Max	16QAM	21.38	-1.47	17.76	PASS
Band26(824-849)	5	27015	25	#0	16QAM	21.42	-1.47	17.80	PASS
Band26(824-849)	10	26840	1	#0	QPSK	23.37	-1.47	19.75	PASS
Band26(824-849)	10	26840	1	#Mid	QPSK	23.47	-1.47	19.85	PASS
Band26(824-849)	10	26840	1	#Max	QPSK	23.59	-1.47	19.97	PASS
Band26(824-849)	10	26840	25	#0	QPSK	22.23	-1.47	18.61	PASS
Band26(824-849)	10	26840	25	#Mid	QPSK	22.39	-1.47	18.77	PASS
Band26(824-849)	10	26840	25	#Max	QPSK	22.40	-1.47	18.78	PASS
Band26(824-849)	10	26840	50	#0	QPSK	22.36	-1.47	18.74	PASS
Band26(824-849)	10	26840	1	#0	16QAM	22.15	-1.47	18.53	PASS
Band26(824-849)	10	26840	1	#Mid	16QAM	22.29	-1.47	18.67	PASS
Band26(824-849)	10	26840	1	#Max	16QAM	22.40	-1.47	18.78	PASS
Band26(824-849)	10	26840	25	#0	16QAM	21.27	-1.47	17.65	PASS
Band26(824-849)	10	26840	25	#Mid	16QAM	21.40	-1.47	17.78	PASS
Band26(824-849)	10	26840	25	#Max	16QAM	21.41	-1.47	17.79	PASS
Band26(824-849)	10	26840	50	#0	16QAM	21.28	-1.47	17.66	PASS
Band26(824-849)	10	26915	1	#0	QPSK	23.36	-1.47	19.74	PASS
Band26(824-849)	10	26915	1	#Mid	QPSK	23.47	-1.47	19.85	PASS
Band26(824-849)	10	26915	1	#Max	QPSK	23.49	-1.47	19.87	PASS
Band26(824-849)	10	26915	25	#0	QPSK	22.44	-1.47	18.82	PASS
Band26(824-849)	10	26915	25	#Mid	QPSK	22.50	-1.47	18.88	PASS
Band26(824-849)	10	26915	25	#Max	QPSK	22.47	-1.47	18.85	PASS
Band26(824-849)	10	26915	50	#0	QPSK	22.46	-1.47	18.84	PASS
Band26(824-849)	10	26915	1	#0	16QAM	22.79	-1.47	19.17	PASS
Band26(824-849)	10	26915	1	#Mid	16QAM	22.98	-1.47	19.36	PASS
Band26(824-849)	10	26915	1	#Max	16QAM	22.94	-1.47	19.32	PASS
Band26(824-849)	10	26915	25	#0	16QAM	21.52	-1.47	17.90	PASS
Band26(824-849)	10	26915	25	#Mid	16QAM	21.60	-1.47	17.98	PASS
Band26(824-849)	10	26915	25	#Max	16QAM	21.56	-1.47	17.94	PASS
Band26(824-849)	10	26915	50	#0	16QAM	21.51	-1.47	17.89	PASS
Band26(824-849)	10	26990	1	#0	QPSK	23.49	-1.47	19.87	PASS
Band26(824-849)	10	26990	1	#Mid	QPSK	23.50	-1.47	19.88	PASS
Band26(824-849)	10	26990	1	#Max	QPSK	23.39	-1.47	19.77	PASS
Band26(824-849)	10	26990	25	#0	QPSK	22.46	-1.47	18.84	PASS
Band26(824-849)	10	26990	25	#Mid	QPSK	22.51	-1.47	18.89	PASS
Band26(824-849)	10	26990	25	#Max	QPSK	22.25	-1.47	18.63	PASS
Band26(824-849)	10	26990	50	#0	QPSK	22.43	-1.47	18.81	PASS
Band26(824-849)	10	26990	1	#0	16QAM	22.69	-1.47	19.07	PASS
Band26(824-849)	10	26990	1	#Mid	16QAM	22.68	-1.47	19.06	PASS
Band26(824-849)	10	26990	1	#Max	16QAM	22.57	-1.47	18.95	PASS
Band26(824-849)	10	26990	25	#0	16QAM	21.47	-1.47	17.85	PASS
Band26(824-849)	10	26990	25	#Mid	16QAM	21.50	-1.47	17.88	PASS
Band26(824-849)	10	26990	25	#Max	16QAM	21.29	-1.47	17.67	PASS
Band26(824-849)	10	26990	50	#0	16QAM	21.48	-1.47	17.86	PASS

Band26(824-849)	15	26865	1	#0	QPSK	23.25	-1.47	19.63	PASS
Band26(824-849)	15	26865	1	#Mid	QPSK	23.43	-1.47	19.81	PASS
Band26(824-849)	15	26865	1	#Max	QPSK	23.48	-1.47	19.86	PASS
Band26(824-849)	15	26865	36	#0	QPSK	22.23	-1.47	18.61	PASS
Band26(824-849)	15	26865	36	#Mid	QPSK	22.46	-1.47	18.84	PASS
Band26(824-849)	15	26865	36	#Max	QPSK	22.45	-1.47	18.83	PASS
Band26(824-849)	15	26865	75	#0	QPSK	22.42	-1.47	18.80	PASS
Band26(824-849)	15	26865	1	#0	16QAM	22.67	-1.47	19.05	PASS
Band26(824-849)	15	26865	1	#Mid	16QAM	22.87	-1.47	19.25	PASS
Band26(824-849)	15	26865	1	#Max	16QAM	22.95	-1.47	19.33	PASS
Band26(824-849)	15	26865	36	#0	16QAM	21.32	-1.47	17.70	PASS
Band26(824-849)	15	26865	36	#Mid	16QAM	21.48	-1.47	17.86	PASS
Band26(824-849)	15	26865	36	#Max	16QAM	21.50	-1.47	17.88	PASS
Band26(824-849)	15	26865	75	#0	16QAM	21.41	-1.47	17.79	PASS
Band26(824-849)	15	26915	1	#0	QPSK	23.32	-1.47	19.70	PASS
Band26(824-849)	15	26915	1	#Mid	QPSK	23.54	-1.47	19.92	PASS
Band26(824-849)	15	26915	1	#Max	QPSK	23.43	-1.47	19.81	PASS
Band26(824-849)	15	26915	36	#0	QPSK	22.41	-1.47	18.79	PASS
Band26(824-849)	15	26915	36	#Mid	QPSK	22.50	-1.47	18.88	PASS
Band26(824-849)	15	26915	36	#Max	QPSK	22.51	-1.47	18.89	PASS
Band26(824-849)	15	26915	75	#0	QPSK	22.52	-1.47	18.90	PASS
Band26(824-849)	15	26915	1	#0	16QAM	22.51	-1.47	18.89	PASS
Band26(824-849)	15	26915	1	#Mid	16QAM	22.73	-1.47	19.11	PASS
Band26(824-849)	15	26915	1	#Max	16QAM	22.62	-1.47	19.00	PASS
Band26(824-849)	15	26915	36	#0	16QAM	21.49	-1.47	17.87	PASS
Band26(824-849)	15	26915	36	#Mid	16QAM	21.57	-1.47	17.95	PASS
Band26(824-849)	15	26915	36	#Max	16QAM	21.61	-1.47	17.99	PASS
Band26(824-849)	15	26915	75	#0	16QAM	21.50	-1.47	17.88	PASS
Band26(824-849)	15	26965	1	#0	QPSK	23.45	-1.47	19.83	PASS
Band26(824-849)	15	26965	1	#Mid	QPSK	23.63	-1.47	20.01	PASS
Band26(824-849)	15	26965	1	#Max	QPSK	23.40	-1.47	19.78	PASS
Band26(824-849)	15	26965	36	#0	QPSK	22.48	-1.47	18.86	PASS
Band26(824-849)	15	26965	36	#Mid	QPSK	22.52	-1.47	18.90	PASS
Band26(824-849)	15	26965	36	#Max	QPSK	22.39	-1.47	18.77	PASS
Band26(824-849)	15	26965	75	#0	QPSK	22.43	-1.47	18.81	PASS
Band26(824-849)	15	26965	1	#0	16QAM	22.51	-1.47	18.89	PASS
Band26(824-849)	15	26965	1	#Mid	16QAM	22.67	-1.47	19.05	PASS
Band26(824-849)	15	26965	1	#Max	16QAM	22.45	-1.47	18.83	PASS
Band26(824-849)	15	26965	36	#0	16QAM	21.46	-1.47	17.84	PASS
Band26(824-849)	15	26965	36	#Mid	16QAM	21.53	-1.47	17.91	PASS
Band26(824-849)	15	26965	36	#Max	16QAM	21.36	-1.47	17.74	PASS
Band26(824-849)	15	26965	75	#0	16QAM	21.48	-1.47	17.86	PASS



Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	22.39	-0.41	21.98	PASS
Band66	1.4	131979	1	#Mid	QPSK	22.47	-0.41	22.06	PASS
Band66	1.4	131979	1	#Max	QPSK	22.41	-0.41	22.00	PASS
Band66	1.4	131979	3	#0	QPSK	22.40	-0.41	21.99	PASS
Band66	1.4	131979	3	#Mid	QPSK	22.43	-0.41	22.02	PASS
Band66	1.4	131979	3	#Max	QPSK	22.42	-0.41	22.01	PASS
Band66	1.4	131979	6	#0	QPSK	21.48	-0.41	21.07	PASS
Band66	1.4	131979	1	#0	16QAM	21.46	-0.41	21.05	PASS
Band66	1.4	131979	1	#Mid	16QAM	21.53	-0.41	21.12	PASS
Band66	1.4	131979	1	#Max	16QAM	21.50	-0.41	21.09	PASS
Band66	1.4	131979	3	#0	16QAM	21.62	-0.41	21.21	PASS
Band66	1.4	131979	3	#Mid	16QAM	21.65	-0.41	21.24	PASS
Band66	1.4	131979	3	#Max	16QAM	21.57	-0.41	21.16	PASS
Band66	1.4	131979	6	#0	16QAM	20.70	-0.41	20.29	PASS
Band66	1.4	132322	1	#0	QPSK	21.23	-0.41	20.82	PASS
Band66	1.4	132322	1	#Mid	QPSK	22.21	-0.41	21.8	PASS
Band66	1.4	132322	1	#Max	QPSK	23.21	-0.41	22.8	PASS
Band66	1.4	132322	3	#0	QPSK	22.25	-0.41	21.84	PASS
Band66	1.4	132322	3	#Mid	QPSK	21.35	-0.41	20.94	PASS
Band66	1.4	132322	3	#Max	QPSK	21.53	-0.41	21.12	PASS
Band66	1.4	132322	6	#0	QPSK	22.51	-0.41	22.1	PASS
Band66	1.4	132322	1	#0	16QAM	23.41	-0.41	23	PASS
Band66	1.4	132322	1	#Mid	16QAM	21.35	-0.41	20.94	PASS
Band66	1.4	132322	1	#Max	16QAM	21.15	-0.41	20.74	PASS
Band66	1.4	132322	3	#0	16QAM	21.33	-0.41	20.92	PASS
Band66	1.4	132322	3	#Mid	16QAM	22.51	-0.41	22.1	PASS
Band66	1.4	132322	3	#Max	16QAM	23.41	-0.41	23	PASS
Band66	1.4	132322	6	#0	16QAM	21.35	-0.41	20.94	PASS
Band66	1.4	132665	1	#0	QPSK	21.32	-0.41	20.91	PASS
Band66	1.4	132665	1	#Mid	QPSK	21.41	-0.41	21	PASS
Band66	1.4	132665	1	#Max	QPSK	22.25	-0.41	21.84	PASS
Band66	1.4	132665	3	#0	QPSK	23.45	-0.41	23.04	PASS
Band66	1.4	132665	3	#Mid	QPSK	21.21	-0.41	20.8	PASS
Band66	1.4	132665	3	#Max	QPSK	21.22	-0.41	20.81	PASS
Band66	1.4	132665	6	#0	QPSK	21.45	-0.41	21.04	PASS
Band66	1.4	132665	1	#0	16QAM	22.32	-0.41	21.91	PASS
Band66	1.4	132665	1	#Mid	16QAM	22.21	-0.41	21.8	PASS
Band66	1.4	132665	1	#Max	16QAM	22.65	-0.41	22.24	PASS
Band66	1.4	132665	3	#0	16QAM	23.32	-0.41	22.91	PASS
Band66	1.4	132665	3	#Mid	16QAM	21.42	-0.41	21.01	PASS
Band66	1.4	132665	3	#Max	16QAM	21.35	-0.41	20.94	PASS
Band66	1.4	132665	6	#0	16QAM	21.25	-0.41	20.84	PASS
Band66	3	131987	1	#0	QPSK	22.22	-0.41	21.81	PASS
Band66	3	131987	1	#Mid	QPSK	23.32	-0.41	22.91	PASS
Band66	3	131987	1	#Max	QPSK	21.45	-0.41	21.04	PASS
Band66	3	131987	8	#0	QPSK	21.25	-0.41	20.84	PASS
Band66	3	131987	8	#Mid	QPSK	21.31	-0.41	20.9	PASS
Band66	3	131987	8	#Max	QPSK	22.25	-0.41	21.84	PASS
Band66	3	131987	15	#0	QPSK	23.45	-0.41	23.04	PASS
Band66	3	131987	1	#0	16QAM	21.33	-0.41	20.92	PASS
Band66	3	131987	1	#Mid	16QAM	21.69	-0.41	21.28	PASS
Band66	3	131987	1	#Max	16QAM	21.59	-0.41	21.18	PASS
Band66	3	131987	8	#0	16QAM	20.50	-0.41	20.09	PASS
Band66	3	131987	8	#Mid	16QAM	20.51	-0.41	20.10	PASS

Band66	3	131987	8	#Max	16QAM	20.51	-0.41	20.10	PASS
Band66	3	131987	15	#0	16QAM	20.46	-0.41	20.05	PASS
Band66	3	132322	1	#0	QPSK	22.05	-0.41	21.64	PASS
Band66	3	132322	1	#Mid	QPSK	22.11	-0.41	21.70	PASS
Band66	3	132322	1	#Max	QPSK	22.04	-0.41	21.63	PASS
Band66	3	132322	8	#0	QPSK	21.25	-0.41	20.84	PASS
Band66	3	132322	8	#Mid	QPSK	21.29	-0.41	20.88	PASS
Band66	3	132322	8	#Max	QPSK	21.31	-0.41	20.90	PASS
Band66	3	132322	15	#0	QPSK	21.21	-0.41	20.80	PASS
Band66	3	132322	1	#0	16QAM	21.24	-0.41	20.83	PASS
Band66	3	132322	1	#Mid	16QAM	21.34	-0.41	20.93	PASS
Band66	3	132322	1	#Max	16QAM	21.24	-0.41	20.83	PASS
Band66	3	132322	8	#0	16QAM	20.38	-0.41	19.97	PASS
Band66	3	132322	8	#Mid	16QAM	20.41	-0.41	20.00	PASS
Band66	3	132322	8	#Max	16QAM	20.33	-0.41	19.92	PASS
Band66	3	132322	15	#0	16QAM	20.36	-0.41	19.95	PASS
Band66	3	132657	1	#0	QPSK	22.09	-0.41	21.68	PASS
Band66	3	132657	1	#Mid	QPSK	22.21	-0.41	21.80	PASS
Band66	3	132657	1	#Max	QPSK	22.15	-0.41	21.74	PASS
Band66	3	132657	8	#0	QPSK	21.26	-0.41	20.85	PASS
Band66	3	132657	8	#Mid	QPSK	21.34	-0.41	20.93	PASS
Band66	3	132657	8	#Max	QPSK	21.32	-0.41	20.91	PASS
Band66	3	132657	15	#0	QPSK	21.26	-0.41	20.85	PASS
Band66	3	132657	1	#0	16QAM	20.94	-0.41	20.53	PASS
Band66	3	132657	1	#Mid	16QAM	21.02	-0.41	20.61	PASS
Band66	3	132657	1	#Max	16QAM	20.91	-0.41	20.50	PASS
Band66	3	132657	8	#0	16QAM	20.32	-0.41	19.91	PASS
Band66	3	132657	8	#Mid	16QAM	20.38	-0.41	19.97	PASS
Band66	3	132657	8	#Max	16QAM	20.34	-0.41	19.93	PASS
Band66	3	132657	15	#0	16QAM	20.36	-0.41	19.95	PASS
Band66	5	131997	1	#0	QPSK	22.44	-0.41	22.03	PASS
Band66	5	131997	1	#Mid	QPSK	22.53	-0.41	22.12	PASS
Band66	5	131997	1	#Max	QPSK	22.47	-0.41	22.06	PASS
Band66	5	131997	12	#0	QPSK	21.42	-0.41	21.01	PASS
Band66	5	131997	12	#Mid	QPSK	21.55	-0.41	21.14	PASS
Band66	5	131997	12	#Max	QPSK	21.50	-0.41	21.09	PASS
Band66	5	131997	25	#0	QPSK	21.50	-0.41	21.09	PASS
Band66	5	131997	1	#0	16QAM	21.96	-0.41	21.55	PASS
Band66	5	131997	1	#Mid	16QAM	22.06	-0.41	21.65	PASS
Band66	5	131997	1	#Max	16QAM	22.04	-0.41	21.63	PASS
Band66	5	131997	12	#0	16QAM	20.47	-0.41	20.06	PASS
Band66	5	131997	12	#Mid	16QAM	20.58	-0.41	20.17	PASS
Band66	5	131997	12	#Max	16QAM	20.59	-0.41	20.18	PASS
Band66	5	131997	25	#0	16QAM	20.53	-0.41	20.12	PASS
Band66	5	132322	1	#0	QPSK	22.28	-0.41	21.87	PASS
Band66	5	132322	1	#Mid	QPSK	22.40	-0.41	21.99	PASS
Band66	5	132322	1	#Max	QPSK	22.36	-0.41	21.95	PASS
Band66	5	132322	12	#0	QPSK	21.32	-0.41	20.91	PASS
Band66	5	132322	12	#Mid	QPSK	21.38	-0.41	20.97	PASS
Band66	5	132322	12	#Max	QPSK	21.40	-0.41	20.99	PASS
Band66	5	132322	25	#0	QPSK	21.37	-0.41	20.96	PASS
Band66	5	132322	1	#0	16QAM	21.60	-0.41	21.19	PASS
Band66	5	132322	1	#Mid	16QAM	21.69	-0.41	21.28	PASS
Band66	5	132322	1	#Max	16QAM	21.63	-0.41	21.22	PASS
Band66	5	132322	12	#0	16QAM	20.33	-0.41	19.92	PASS
Band66	5	132322	12	#Mid	16QAM	20.41	-0.41	20.00	PASS
Band66	5	132322	12	#Max	16QAM	20.42	-0.41	20.01	PASS

Band66	5	132322	25	#0	16QAM	20.46	-0.41	20.05	PASS
Band66	5	132647	1	#0	QPSK	22.30	-0.41	21.89	PASS
Band66	5	132647	1	#Mid	QPSK	22.37	-0.41	21.96	PASS
Band66	5	132647	1	#Max	QPSK	22.28	-0.41	21.87	PASS
Band66	5	132647	12	#0	QPSK	21.41	-0.41	21.00	PASS
Band66	5	132647	12	#Mid	QPSK	21.44	-0.41	21.03	PASS
Band66	5	132647	12	#Max	QPSK	21.35	-0.41	20.94	PASS
Band66	5	132647	25	#0	QPSK	21.39	-0.41	20.98	PASS
Band66	5	132647	1	#0	16QAM	21.58	-0.41	21.17	PASS
Band66	5	132647	1	#Mid	16QAM	21.67	-0.41	21.26	PASS
Band66	5	132647	1	#Max	16QAM	21.60	-0.41	21.19	PASS
Band66	5	132647	12	#0	16QAM	20.43	-0.41	20.02	PASS
Band66	5	132647	12	#Mid	16QAM	20.51	-0.41	20.10	PASS
Band66	5	132647	12	#Max	16QAM	20.40	-0.41	19.99	PASS
Band66	5	132647	25	#0	16QAM	20.42	-0.41	20.01	PASS
Band66	10	132022	1	#0	QPSK	22.53	-0.41	22.12	PASS
Band66	10	132022	1	#Mid	QPSK	22.54	-0.41	22.13	PASS
Band66	10	132022	1	#Max	QPSK	22.52	-0.41	22.11	PASS
Band66	10	132022	25	#0	QPSK	21.46	-0.41	21.05	PASS
Band66	10	132022	25	#Mid	QPSK	21.58	-0.41	21.17	PASS
Band66	10	132022	25	#Max	QPSK	21.55	-0.41	21.14	PASS
Band66	10	132022	50	#0	QPSK	21.51	-0.41	21.10	PASS
Band66	10	132022	1	#0	16QAM	21.89	-0.41	21.48	PASS
Band66	10	132022	1	#Mid	16QAM	21.95	-0.41	21.54	PASS
Band66	10	132022	1	#Max	16QAM	21.93	-0.41	21.52	PASS
Band66	10	132022	25	#0	16QAM	20.51	-0.41	20.10	PASS
Band66	10	132022	25	#Mid	16QAM	20.64	-0.41	20.23	PASS
Band66	10	132022	25	#Max	16QAM	20.63	-0.41	20.22	PASS
Band66	10	132022	50	#0	16QAM	20.51	-0.41	20.10	PASS
Band66	10	132322	1	#0	QPSK	22.39	-0.41	21.98	PASS
Band66	10	132322	1	#Mid	QPSK	22.40	-0.41	21.99	PASS
Band66	10	132322	1	#Max	QPSK	22.39	-0.41	21.98	PASS
Band66	10	132322	25	#0	QPSK	21.27	-0.41	20.86	PASS
Band66	10	132322	25	#Mid	QPSK	21.37	-0.41	20.96	PASS
Band66	10	132322	25	#Max	QPSK	21.38	-0.41	20.97	PASS
Band66	10	132322	50	#0	QPSK	21.31	-0.41	20.90	PASS
Band66	10	132322	1	#0	16QAM	21.56	-0.41	21.15	PASS
Band66	10	132322	1	#Mid	16QAM	21.54	-0.41	21.13	PASS
Band66	10	132322	1	#Max	16QAM	21.53	-0.41	21.12	PASS
Band66	10	132322	25	#0	16QAM	20.37	-0.41	19.96	PASS
Band66	10	132322	25	#Mid	16QAM	20.46	-0.41	20.05	PASS
Band66	10	132322	25	#Max	16QAM	20.43	-0.41	20.02	PASS
Band66	10	132322	50	#0	16QAM	20.45	-0.41	20.04	PASS
Band66	10	132622	1	#0	QPSK	22.50	-0.41	22.09	PASS
Band66	10	132622	1	#Mid	QPSK	22.49	-0.41	22.08	PASS
Band66	10	132622	1	#Max	QPSK	22.41	-0.41	22.00	PASS
Band66	10	132622	25	#0	QPSK	21.28	-0.41	20.87	PASS
Band66	10	132622	25	#Mid	QPSK	21.36	-0.41	20.95	PASS
Band66	10	132622	25	#Max	QPSK	21.34	-0.41	20.93	PASS
Band66	10	132622	50	#0	QPSK	21.42	-0.41	21.01	PASS
Band66	10	132622	1	#0	16QAM	21.28	-0.41	20.87	PASS
Band66	10	132622	1	#Mid	16QAM	21.28	-0.41	20.87	PASS
Band66	10	132622	1	#Max	16QAM	21.25	-0.41	20.84	PASS
Band66	10	132622	25	#0	16QAM	20.42	-0.41	20.01	PASS
Band66	10	132622	25	#Mid	16QAM	20.49	-0.41	20.08	PASS
Band66	10	132622	25	#Max	16QAM	20.40	-0.41	19.99	PASS
Band66	10	132622	50	#0	16QAM	20.39	-0.41	19.98	PASS



Band66	15	132047	1	#0	QPSK	22.35	-0.41	21.94	PASS
Band66	15	132047	1	#Mid	QPSK	22.53	-0.41	22.12	PASS
Band66	15	132047	1	#Max	QPSK	22.50	-0.41	22.09	PASS
Band66	15	132047	36	#0	QPSK	21.44	-0.41	21.03	PASS
Band66	15	132047	36	#Mid	QPSK	21.54	-0.41	21.13	PASS
Band66	15	132047	36	#Max	QPSK	21.53	-0.41	21.12	PASS
Band66	15	132047	75	#0	QPSK	21.53	-0.41	21.12	PASS
Band66	15	132047	1	#0	16QAM	21.82	-0.41	21.41	PASS
Band66	15	132047	1	#Mid	16QAM	21.99	-0.41	21.58	PASS
Band66	15	132047	1	#Max	16QAM	21.91	-0.41	21.50	PASS
Band66	15	132047	36	#0	16QAM	20.55	-0.41	20.14	PASS
Band66	15	132047	36	#Mid	16QAM	20.63	-0.41	20.22	PASS
Band66	15	132047	36	#Max	16QAM	20.62	-0.41	20.21	PASS
Band66	15	132047	75	#0	16QAM	20.56	-0.41	20.15	PASS
Band66	15	132322	1	#0	QPSK	22.33	-0.41	21.92	PASS
Band66	15	132322	1	#Mid	QPSK	22.39	-0.41	21.98	PASS
Band66	15	132322	1	#Max	QPSK	22.32	-0.41	21.91	PASS
Band66	15	132322	36	#0	QPSK	21.33	-0.41	20.92	PASS
Band66	15	132322	36	#Mid	QPSK	21.41	-0.41	21.00	PASS
Band66	15	132322	36	#Max	QPSK	21.37	-0.41	20.96	PASS
Band66	15	132322	75	#0	QPSK	21.41	-0.41	21.00	PASS
Band66	15	132322	1	#0	16QAM	21.54	-0.41	21.13	PASS
Band66	15	132322	1	#Mid	16QAM	21.57	-0.41	21.16	PASS
Band66	15	132322	1	#Max	16QAM	21.44	-0.41	21.03	PASS
Band66	15	132322	36	#0	16QAM	20.44	-0.41	20.03	PASS
Band66	15	132322	36	#Mid	16QAM	20.51	-0.41	20.10	PASS
Band66	15	132322	36	#Max	16QAM	20.48	-0.41	20.07	PASS
Band66	15	132322	75	#0	16QAM	20.39	-0.41	19.98	PASS
Band66	15	132597	1	#0	QPSK	22.45	-0.41	22.04	PASS
Band66	15	132597	1	#Mid	QPSK	22.51	-0.41	22.10	PASS
Band66	15	132597	1	#Max	QPSK	22.33	-0.41	21.92	PASS
Band66	15	132597	36	#0	QPSK	21.46	-0.41	21.05	PASS
Band66	15	132597	36	#Mid	QPSK	21.46	-0.41	21.05	PASS
Band66	15	132597	36	#Max	QPSK	21.39	-0.41	20.98	PASS
Band66	15	132597	75	#0	QPSK	21.46	-0.41	21.05	PASS
Band66	15	132597	1	#0	16QAM	21.46	-0.41	21.05	PASS
Band66	15	132597	1	#Mid	16QAM	21.54	-0.41	21.13	PASS
Band66	15	132597	1	#Max	16QAM	21.36	-0.41	20.95	PASS
Band66	15	132597	36	#0	16QAM	20.46	-0.41	20.05	PASS
Band66	15	132597	36	#Mid	16QAM	20.45	-0.41	20.04	PASS
Band66	15	132597	36	#Max	16QAM	20.44	-0.41	20.03	PASS
Band66	15	132597	75	#0	16QAM	20.51	-0.41	20.10	PASS
Band66	20	132072	1	#0	QPSK	22.39	-0.41	21.98	PASS
Band66	20	132072	1	#Mid	QPSK	22.63	-0.41	22.22	PASS
Band66	20	132072	1	#Max	QPSK	22.43	-0.41	22.02	PASS
Band66	20	132072	50	#0	QPSK	21.43	-0.41	21.02	PASS
Band66	20	132072	50	#Mid	QPSK	21.65	-0.41	21.24	PASS
Band66	20	132072	50	#Max	QPSK	21.56	-0.41	21.15	PASS
Band66	20	132072	100	#0	QPSK	21.49	-0.41	21.08	PASS
Band66	20	132072	1	#0	16QAM	21.64	-0.41	21.23	PASS
Band66	20	132072	1	#Mid	16QAM	21.98	-0.41	21.57	PASS
Band66	20	132072	1	#Max	16QAM	21.77	-0.41	21.36	PASS
Band66	20	132072	50	#0	16QAM	20.54	-0.41	20.13	PASS
Band66	20	132072	50	#Mid	16QAM	20.73	-0.41	20.32	PASS
Band66	20	132072	50	#Max	16QAM	20.66	-0.41	20.25	PASS
Band66	20	132072	100	#0	16QAM	20.56	-0.41	20.15	PASS
Band66	20	132322	1	#0	QPSK	22.36	-0.41	21.95	PASS

Band66	20	132322	1	#Mid	QPSK	22.53	-0.41	22.12	PASS
Band66	20	132322	1	#Max	QPSK	22.35	-0.41	21.94	PASS
Band66	20	132322	50	#0	QPSK	21.35	-0.41	20.94	PASS
Band66	20	132322	50	#Mid	QPSK	21.43	-0.41	21.02	PASS
Band66	20	132322	50	#Max	QPSK	21.40	-0.41	20.99	PASS
Band66	20	132322	100	#0	QPSK	21.36	-0.41	20.95	PASS
Band66	20	132322	1	#0	16QAM	21.57	-0.41	21.16	PASS
Band66	20	132322	1	#Mid	16QAM	21.72	-0.41	21.31	PASS
Band66	20	132322	1	#Max	16QAM	21.48	-0.41	21.07	PASS
Band66	20	132322	50	#0	16QAM	20.40	-0.41	19.99	PASS
Band66	20	132322	50	#Mid	16QAM	20.45	-0.41	20.04	PASS
Band66	20	132322	50	#Max	16QAM	20.53	-0.41	20.12	PASS
Band66	20	132322	100	#0	16QAM	20.42	-0.41	20.01	PASS
Band66	20	132572	1	#0	QPSK	22.29	-0.41	21.88	PASS
Band66	20	132572	1	#Mid	QPSK	22.52	-0.41	22.11	PASS
Band66	20	132572	1	#Max	QPSK	22.26	-0.41	21.85	PASS
Band66	20	132572	50	#0	QPSK	21.39	-0.41	20.98	PASS
Band66	20	132572	50	#Mid	QPSK	21.46	-0.41	21.05	PASS
Band66	20	132572	50	#Max	QPSK	21.38	-0.41	20.97	PASS
Band66	20	132572	100	#0	QPSK	21.34	-0.41	20.93	PASS
Band66	20	132572	1	#0	16QAM	21.54	-0.41	21.13	PASS
Band66	20	132572	1	#Mid	16QAM	21.71	-0.41	21.30	PASS
Band66	20	132572	1	#Max	16QAM	21.53	-0.41	21.12	PASS
Band66	20	132572	50	#0	16QAM	20.47	-0.41	20.06	PASS
Band66	20	132572	50	#Mid	16QAM	20.54	-0.41	20.13	PASS
Band66	20	132572	50	#Max	16QAM	20.41	-0.41	20.00	PASS
Band66	20	132572	100	#0	16QAM	20.42	-0.41	20.01	PASS

NFC								
Modulation	Frequency (MHz)	Output Power (dBuV/m)	Output Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
ASK	13.56	54.85	-40.31	-40.0	0.0001	5	0.00007	3.0

**Note:**

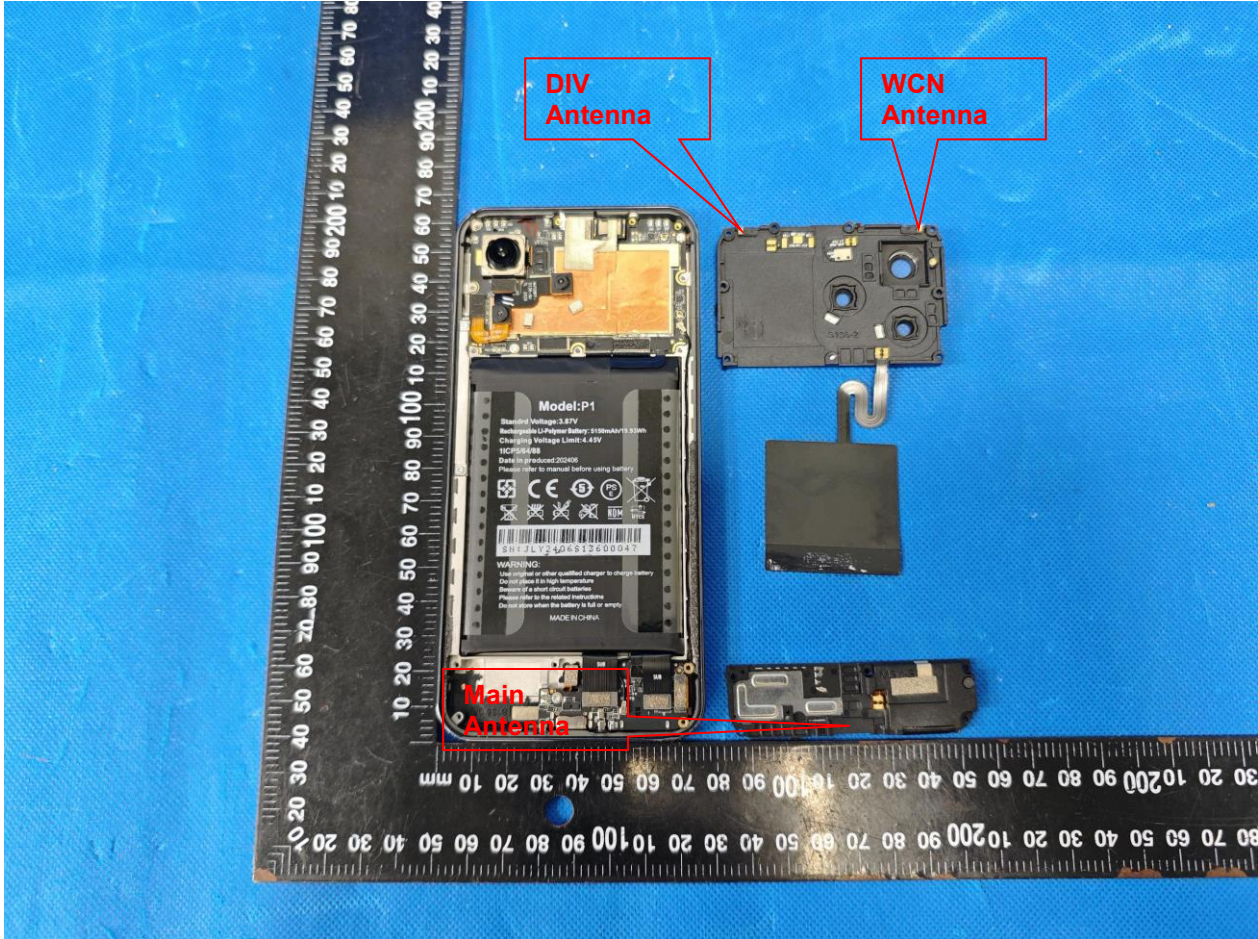
Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

According to the calculation results in the table above, NFC SAR does not need to be tested.

$EIRP = E + 20 \log(d) - 104.7 = 54.85 + 9.54 - 104.7 = -40.31 \text{ dBm}$ , For  $d = 3 \text{ m}$

## 14.2 Transmit Antennas and SAR Measurement Position

### EUT Antenna Location:



Antennas	Support Band
Main	GSM 850/1900 + WCDMA Band 2/4/5 + LTE Band 2/4/5/7/12/17/25/26/66 TX
DIV	GSM 850/1900 + WCDMA Band 2/4/5 + LTE Band 2/4/5/7/12/17/25/26/66 RX
WCN	Bluetooth + WIFI

Distance of The Antenna to the EUT surface and edge (mm)						
Antennas	Front	Back	Top Side	Bottom Side	Left Side	Right Side
Main	<25	<25	146	<25	<25	<25
WCN	<25	<25	<25	146	51	<25

Positions for SAR tests; Hotspot mode						
Antennas	Front	Back	Top Side	Bottom Side	Left Side	Right Side
Main	Yes	Yes	No	Yes	Yes	Yes
WCN	Yes	Yes	Yes	No	No	Yes

### 14.3 Measured and Reported (Scaled) SAR Results

The calculated SAR is obtained by the following formula:

1. Reported SAR for WWAN=Measured SAR \* Tune-up Scaling factor
2. Reported SAR for WLAN and Bluetooth=Measured SAR \* Tune-up Scaling factor \* Duty Cycle Scaling factor
3. Duty Cycle Scaling factor=1/ Duty Cycle (%)

#### **KDB 447498 D01 General RF Exposure Guidance:**

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

- $\leq 0.8$  W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is  $\leq 100$  MHz
- $\leq 0.6$  W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- $\leq 0.4$  W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is  $\geq 200$  MHz

#### **KDB 648474 D04 Handset SAR v01r03:**

1. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is  $> 1.2$  W/kg, the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.
2. when the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, using the same wireless mode test configuration for voice and data, such as UMTS, LTE and Wi-Fi, and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface)
3. For Smart phones with a display diagonal dimension  $> 15.0$  cm or an overall diagonal dimension  $> 16.0$  cm, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR  $> 1.2$  W/kg.

#### **KDB 941225 D01 3G SAR Procedures:**

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is  $\leq 1/4$ dB higher than the primary mode (RMC12.2kbps) 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  $\leq 1.2$  W/kg, SAR measurement is not required for the secondary mode.

#### **KDB 941225 D05 SAR for LTE Devices:**

1. Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% 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.
2. When the reported SAR is  $> 0.8$  W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
3. Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are  $> 0.8$  W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation  $< 1.45$  W/kg.
4. SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is  $\leq 1/2$  dB higher than the QPSK or when the reported SAR for the QPSK configuration is  $\leq 1.45$  W/kg.
5. Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is  $< 1.45$  W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

WIFI 2.4G									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	b	Left Cheek	2437	12.40	12.5	1.023	0.147	0.150	
		Left Tilt	2437	12.40	12.5	1.023	0.132	0.135	
		Right Cheek	2437	12.40	12.5	1.023	0.168	0.172	
		Right Tilt	2437	12.40	12.5	1.023	0.081	0.083	
Body (10mm)	b	Front Face	2437	12.40	12.5	1.023	0.179	0.183	
		Back Face	2437	12.40	12.5	1.023	0.221	0.226	
Hotspot (10mm)	b	Right Side	2437	12.40	12.5	1.023	0.170	0.174	
		Top Side	2437	12.40	12.5	1.023	0.248	<b>0.254</b>	1

WIFI 5.1G									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	a	Left Cheek	5240	10.07	10.5	1.104	0.413	<b>0.456</b>	2
		Left Tilt	5240	10.07	10.5	1.104	0.344	0.380	
		Right Cheek	5240	10.07	10.5	1.104	0.180	0.199	
		Right Tilt	5240	10.07	10.5	1.104	0.263	0.290	
Body (10mm)	a	Front Face	5240	10.07	10.5	1.104	0.233	0.257	
		Back Face	5240	10.07	10.5	1.104	0.336	0.371	
Hotspot (10mm)	a	Right Side	5240	10.07	10.5	1.104	0.393	0.434	
		Top Side	5240	10.07	10.5	1.104	0.330	0.364	

WIFI 5.8G									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	a	Left Cheek	5825	10.88	11.0	1.028	0.509	<b>0.523</b>	3
		Left Tilt	5825	10.88	11.0	1.028	0.351	0.361	
		Right Cheek	5825	10.88	11.0	1.028	0.429	0.441	
		Right Tilt	5825	10.88	11.0	1.028	0.165	0.170	
Body (10mm)	a	Front Face	5825	10.88	11.0	1.028	0.308	0.317	
		Back Face	5825	10.88	11.0	1.028	0.225	0.231	
Hotspot (10mm)	a	Right Side	5825	10.88	11.0	1.028	0.264	0.271	
		Top Side	5825	10.88	11.0	1.028	0.295	0.303	

**Remark:**

1. The value with the bold is the maximum SAR Value of each test band.
2. Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels SAR tests are not necessary.

GSM 850									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	GSM	Left Cheek	848.8	32.95	33.0	1.012	0.131	0.133	
		Left Tilt	848.8	32.95	33.0	1.012	0.145	0.147	
		Right Cheek	848.8	32.95	33.0	1.012	0.135	0.137	
		Right Tilt	848.8	32.95	33.0	1.012	0.108	0.109	
Body (10mm)	GSM	Front Face	848.8	32.95	33.0	1.012	0.214	0.216	
		Back Face	848.8	32.95	33.0	1.012	0.290	0.293	
	GPRS	Front Face	824.2	31.77	32.0	1.054	0.457	0.482	
		Back Face	824.2	31.77	32.0	1.054	0.506	<b>0.534</b>	4
Hotspot (10mm)	GPRS	Left Side	824.2	31.77	32.0	1.054	0.321	0.338	
		Right Side	824.2	31.77	32.0	1.054	0.349	0.368	
		Bottom Side	824.2	31.77	32.0	1.054	0.239	0.252	

GSM 1900									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	GSM	Left Cheek	1850.2	29.27	29.5	1.054	0.104	0.110	
		Left Tilt	1850.2	29.27	29.5	1.054	0.075	0.079	
		Right Cheek	1850.2	29.27	29.5	1.054	0.150	0.158	
		Right Tilt	1850.2	29.27	29.5	1.054	0.235	0.248	
Body (10mm)	GSM	Front Face	1850.2	29.27	29.5	1.054	0.312	0.329	
		Back Face	1850.2	29.27	29.5	1.054	0.482	0.508	
	GPRS	Front Face	1850.2	28.17	28.5	1.079	0.510	0.550	
		Back Face	1850.2	28.17	28.5	1.079	0.616	0.665	
Hotspot (10mm)	GPRS	Left Side	1850.2	28.17	28.5	1.079	0.458	0.494	
		Right Side	1850.2	28.17	28.5	1.079	0.611	0.659	
		Bottom Side	1850.2	28.17	28.5	1.079	0.691	<b>0.746</b>	5

**Remark:**

1. The value with the bold is the maximum SAR Value of each test band.
2. Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels SAR tests are not necessary.

WCDMA Band II									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	RMC	Left Cheek	1880.0	21.93	22.0	1.016	0.081	0.082	
		Left Tilt	1880.0	21.93	22.0	1.016	0.145	0.147	
		Right Cheek	1880.0	21.93	22.0	1.016	0.301	0.306	
		Right Tilt	1880.0	21.93	22.0	1.016	0.217	0.221	
Body (10mm)	RMC	Front Face	1880.0	21.93	22.0	1.016	0.621	0.631	
		Back Face	1880.0	21.93	22.0	1.016	0.506	0.514	
Hotspot (10mm)	RMC	Left Side	1880.0	21.93	22.0	1.016	0.316	0.321	
		Right Side	1880.0	21.93	22.0	1.016	0.769	<b>0.781</b>	6
		Bottom Side	1880.0	21.93	22.0	1.016	0.521	0.529	

WCDMA Band IV									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	RMC	Left Cheek	1712.4	21.99	22.0	1.002	0.103	0.103	
		Left Tilt	1712.4	21.99	22.0	1.002	0.124	0.124	
		Right Cheek	1712.4	21.99	22.0	1.002	0.244	0.245	
		Right Tilt	1712.4	21.99	22.0	1.002	0.136	0.136	
Body (10mm)	RMC	Front Face	1712.4	21.99	22.0	1.002	0.191	0.191	
		Back Face	1712.4	21.99	22.0	1.002	0.340	<b>0.341</b>	7
Hotspot (10mm)	RMC	Left Side	1712.4	21.99	22.0	1.002	0.083	0.083	
		Right Side	1712.4	21.99	22.0	1.002	0.108	0.108	
		Bottom Side	1712.4	21.99	22.0	1.002	0.174	0.174	

WCDMA Band IV									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	RMC	Left Cheek	836.4	22.92	23.0	1.019	0.082	0.084	
		Left Tilt	836.4	22.92	23.0	1.019	0.114	0.116	
		Right Cheek	836.4	22.92	23.0	1.019	0.097	0.099	
		Right Tilt	836.4	22.92	23.0	1.019	0.198	0.202	
Body (10mm)	RMC	Front Face	836.4	22.92	23.0	1.019	0.380	<b>0.387</b>	8
		Back Face	836.4	22.92	23.0	1.019	0.319	0.325	
Hotspot (10mm)	RMC	Left Side	836.4	22.92	23.0	1.019	0.178	0.181	
		Right Side	836.4	22.92	23.0	1.019	0.300	0.306	
		Bottom Side	836.4	22.92	23.0	1.019	0.143	0.146	

Remark:

1. The value with the bold is the maximum SAR Value of each test band.
2. Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channel SAR tests are not necessary.

LTE Band 2 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	1880	22.95	23.0	1.012	0.087	0.088	
		Left Tilt	1880	22.95	23.0	1.012	0.072	0.073	
		Right Cheek	1880	22.95	23.0	1.012	0.101	0.102	
		Right Tilt	1880	22.95	23.0	1.012	0.154	0.156	
	50%RB	Left Cheek	1860	21.93	22.0	1.016	0.060	0.061	
		Left Tilt	1860	21.93	22.0	1.016	0.068	0.069	
		Right Cheek	1860	21.93	22.0	1.016	0.056	0.057	
		Right Tilt	1860	21.93	22.0	1.016	0.041	0.042	
Body (10mm)	1RB	Front Face	1880	22.95	23.0	1.012	0.536	0.542	
		Back Face	1880	22.95	23.0	1.012	0.741	<b>0.750</b>	9
	50%RB	Front Face	1860	21.93	22.0	1.016	0.425	0.432	
		Back Face	1860	21.93	22.0	1.016	0.337	0.342	
Hotspot (10mm)	1RB	Left Side	1880	22.95	23.0	1.012	0.672	0.680	
		Right Side	1880	22.95	23.0	1.012	0.382	0.386	
		Bottom Side	1880	22.95	23.0	1.012	0.502	0.508	
	50%RB	Left Side	1860	21.93	22.0	1.016	0.411	0.418	
		Right Side	1860	21.93	22.0	1.016	0.227	0.231	
		Bottom Side	1860	21.93	22.0	1.016	0.309	0.314	

LTE Band 4 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	1732.5	22.92	23.0	1.019	0.149	0.152	
		Left Tilt	1732.5	22.92	23.0	1.019	0.135	0.138	
		Right Cheek	1732.5	22.92	23.0	1.019	0.084	0.086	
		Right Tilt	1732.5	22.92	23.0	1.019	0.116	0.118	
	50%RB	Left Cheek	1720	21.88	22.0	1.028	0.123	0.126	
		Left Tilt	1720	21.88	22.0	1.028	0.093	0.096	
		Right Cheek	1720	21.88	22.0	1.028	0.030	0.031	
		Right Tilt	1720	21.88	22.0	1.028	0.107	0.110	
Body (10mm)	1RB	Front Face	1732.5	22.92	23.0	1.019	0.719	0.732	
		Back Face	1732.5	22.92	23.0	1.019	0.761	<b>0.775</b>	10
	50%RB	Front Face	1720	21.88	22.0	1.028	0.531	0.546	
		Back Face	1720	21.88	22.0	1.028	0.493	0.507	
Hotspot (10mm)	1RB	Left Side	1732.5	22.92	23.0	1.019	0.310	0.316	
		Right Side	1732.5	22.92	23.0	1.019	0.121	0.123	
		Bottom Side	1732.5	22.92	23.0	1.019	0.352	0.359	
	50%RB	Left Side	1720	21.88	22.0	1.028	0.118	0.121	
		Right Side	1720	21.88	22.0	1.028	0.075	0.077	
		Bottom Side	1720	21.88	22.0	1.028	0.136	0.140	



LTE Band 5 (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	844	24.17	24.5	1.079	0.108	0.117	
		Left Tilt	844	24.17	24.5	1.079	0.093	0.100	
		Right Cheek	844	24.17	24.5	1.079	0.103	0.111	
		Right Tilt	844	24.17	24.5	1.079	0.070	0.076	
	50%RB	Left Cheek	836.5	23.16	23.5	1.081	0.091	0.098	
		Left Tilt	836.5	23.16	23.5	1.081	0.067	0.072	
		Right Cheek	836.5	23.16	23.5	1.081	0.093	0.101	
		Right Tilt	836.5	23.16	23.5	1.081	0.044	0.048	
Body (10mm)	1RB	Front Face	844	24.17	24.5	1.079	0.540	<b>0.583</b>	11
		Back Face	844	24.17	24.5	1.079	0.496	0.535	
	50%RB	Front Face	836.5	23.16	23.5	1.081	0.441	0.477	
		Back Face	836.5	23.16	23.5	1.081	0.362	0.391	
Hotspot (10mm)	1RB	Left Side	844	24.17	24.5	1.079	0.297	0.320	
		Right Side	844	24.17	24.5	1.079	0.483	0.521	
		Bottom Side	844	24.17	24.5	1.079	0.183	0.197	
	50%RB	Left Side	836.5	23.16	23.5	1.081	0.187	0.202	
		Right Side	836.5	23.16	23.5	1.081	0.307	0.332	
		Bottom Side	836.5	23.16	23.5	1.081	0.115	0.124	

LTE Band 7 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	2535	22.97	23.0	1.007	0.185	0.186	
		Left Tilt	2535	22.97	23.0	1.007	0.175	0.176	
		Right Cheek	2535	22.97	23.0	1.007	0.184	0.185	
		Right Tilt	2535	22.97	23.0	1.007	0.144	0.145	
	50%RB	Left Cheek	2535	21.81	22.0	1.045	0.160	0.167	
		Left Tilt	2535	21.81	22.0	1.045	0.165	0.172	
		Right Cheek	2535	21.81	22.0	1.045	0.118	0.123	
		Right Tilt	2535	21.81	22.0	1.045	0.109	0.114	
Body (10mm)	1RB	Front Face	2535	22.97	23.0	1.007	0.623	0.627	
		Back Face	2535	22.97	23.0	1.007	0.789	<b>0.794</b>	12
	50%RB	Front Face	2535	21.81	22.0	1.045	0.523	0.546	
		Back Face	2535	21.81	22.0	1.045	0.531	0.555	
Hotspot (10mm)	1RB	Left Side	2535	22.97	23.0	1.007	0.453	0.456	
		Right Side	2535	22.97	23.0	1.007	0.278	0.280	
		Bottom Side	2535	22.97	23.0	1.007	0.641	0.645	
	50%RB	Left Side	2535	21.81	22.0	1.045	0.264	0.276	
		Right Side	2535	21.81	22.0	1.045	0.211	0.220	
		Bottom Side	2535	21.81	22.0	1.045	0.520	0.543	

LTE Band 12 (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	711	23.63	24.0	1.089	0.089	0.097	
		Left Tilt	711	23.63	24.0	1.089	0.071	0.077	
		Right Cheek	711	23.63	24.0	1.089	0.054	0.059	
		Right Tilt	711	23.63	24.0	1.089	0.036	0.039	
	50%RB	Left Cheek	711	22.48	22.5	1.005	0.065	0.065	
		Left Tilt	711	22.48	22.5	1.005	0.046	0.046	
		Right Cheek	711	22.48	22.5	1.005	0.047	0.047	
		Right Tilt	711	22.48	22.5	1.005	0.035	0.035	
Body (10mm)	1RB	Front Face	711	23.63	24.0	1.089	0.283	0.308	
		Back Face	711	23.63	24.0	1.089	0.270	0.294	
	50%RB	Front Face	711	22.48	22.5	1.005	0.115	0.116	
		Back Face	711	22.48	22.5	1.005	0.213	0.214	
Hotspot (10mm)	1RB	Left Side	711	23.63	24.0	1.089	0.252	0.274	
		Right Side	711	23.63	24.0	1.089	0.373	<b>0.406</b>	13
		Bottom Side	711	23.63	24.0	1.089	0.177	0.193	
	50%RB	Left Side	711	22.48	22.5	1.005	0.198	0.199	
		Right Side	711	22.48	22.5	1.005	0.330	0.332	
		Bottom Side	711	22.48	22.5	1.005	0.121	0.122	

LTE Band 17 (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	711	23.46	23.5	1.009	0.155	0.156	
		Left Tilt	711	23.46	23.5	1.009	0.141	0.142	
		Right Cheek	711	23.46	23.5	1.009	0.119	0.120	
		Right Tilt	711	23.46	23.5	1.009	0.130	0.131	
	50%RB	Left Cheek	711	22.37	22.5	1.030	0.141	0.145	
		Left Tilt	711	22.37	22.5	1.030	0.054	0.056	
		Right Cheek	711	22.37	22.5	1.030	0.077	0.079	
		Right Tilt	711	22.37	22.5	1.030	0.093	0.096	
Body (10mm)	1RB	Front Face	711	23.46	23.5	1.009	0.230	0.232	
		Back Face	711	23.46	23.5	1.009	0.315	<b>0.318</b>	14
	50%RB	Front Face	711	22.37	22.5	1.030	0.225	0.232	
		Back Face	711	22.37	22.5	1.030	0.134	0.138	
Hotspot (10mm)	1RB	Left Side	711	23.46	23.5	1.009	0.218	0.220	
		Right Side	711	23.46	23.5	1.009	0.266	0.268	
		Bottom Side	711	23.46	23.5	1.009	0.136	0.137	
	50%RB	Left Side	711	22.37	22.5	1.030	0.152	0.157	
		Right Side	711	22.37	22.5	1.030	0.133	0.137	
		Bottom Side	711	22.37	22.5	1.030	0.117	0.121	

LTE Band 25 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	1882.5	22.89	23.0	1.026	0.086	0.088	
		Left Tilt	1882.5	22.89	23.0	1.026	0.080	0.082	
		Right Cheek	1882.5	22.89	23.0	1.026	0.194	0.199	
		Right Tilt	1882.5	22.89	23.0	1.026	0.094	0.096	
	50%RB	Left Cheek	1882.5	21.83	22.0	1.040	0.067	0.070	
		Left Tilt	1882.5	21.83	22.0	1.040	0.068	0.071	
		Right Cheek	1882.5	21.83	22.0	1.040	0.065	0.068	
		Right Tilt	1882.5	21.83	22.0	1.040	0.054	0.056	
Body (10mm)	1RB	Front Face	1882.5	22.89	23.0	1.026	0.479	0.491	
		Back Face	1882.5	22.89	23.0	1.026	0.702	<b>0.720</b>	15
	50%RB	Front Face	1882.5	21.83	22.0	1.040	0.335	0.348	
		Back Face	1882.5	21.83	22.0	1.040	0.408	0.424	
Hotspot (10mm)	1RB	Left Side	1882.5	22.89	23.0	1.026	0.173	0.177	
		Right Side	1882.5	22.89	23.0	1.026	0.231	0.237	
		Bottom Side	1882.5	22.89	23.0	1.026	0.383	0.393	
	50%RB	Left Side	1882.5	21.83	22.0	1.040	0.066	0.069	
		Right Side	1882.5	21.83	22.0	1.040	0.118	0.123	
		Bottom Side	1882.5	21.83	22.0	1.040	0.226	0.235	

LTE Band 26 (814-824) (10MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	819	23.29	23.5	1.050	0.191	0.200	
		Left Tilt	819	23.29	23.5	1.050	0.135	0.142	
		Right Cheek	819	23.29	23.5	1.050	0.166	0.174	
		Right Tilt	819	23.29	23.5	1.050	0.163	0.171	
	50%RB	Left Cheek	819	22.29	22.5	1.050	0.107	0.112	
		Left Tilt	819	22.29	22.5	1.050	0.106	0.111	
		Right Cheek	819	22.29	22.5	1.050	0.093	0.098	
		Right Tilt	819	22.29	22.5	1.050	0.137	0.144	
Body (10mm)	1RB	Front Face	819	23.29	23.5	1.050	0.330	0.346	
		Back Face	819	23.29	23.5	1.050	0.371	<b>0.389</b>	16
	50%RB	Front Face	819	22.29	22.5	1.050	0.302	0.317	
		Back Face	819	22.29	22.5	1.050	0.299	0.314	
Hotspot (10mm)	1RB	Left Side	819	23.29	23.5	1.050	0.369	0.387	
		Right Side	819	23.29	23.5	1.050	0.277	0.291	
		Bottom Side	819	23.29	23.5	1.050	0.165	0.173	
	50%RB	Left Side	819	22.29	22.5	1.050	0.196	0.206	
		Right Side	819	22.29	22.5	1.050	0.189	0.198	
		Bottom Side	819	22.29	22.5	1.050	0.131	0.137	

LTE Band 26 (824-849) (15MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	841.5	23.63	24.0	1.089	0.064	0.070	
		Left Tilt	841.5	23.63	24.0	1.089	0.082	0.089	
		Right Cheek	841.5	23.63	24.0	1.089	0.118	0.128	
		Right Tilt	841.5	23.63	24.0	1.089	0.075	0.082	
	50%RB	Left Cheek	841.5	22.52	23.0	1.117	0.057	0.064	
		Left Tilt	841.5	22.52	23.0	1.117	0.076	0.085	
		Right Cheek	841.5	22.52	23.0	1.117	0.066	0.074	
		Right Tilt	841.5	22.52	23.0	1.117	0.061	0.068	
Body (10mm)	1RB	Front Face	841.5	23.63	24.0	1.089	0.378	0.412	
		Back Face	841.5	23.63	24.0	1.089	0.403	0.439	
	50%RB	Front Face	841.5	22.52	23.0	1.117	0.234	0.261	
		Back Face	841.5	22.52	23.0	1.117	0.326	0.364	
Hotspot (10mm)	1RB	Left Side	841.5	23.63	24.0	1.089	0.485	0.528	
		Right Side	841.5	23.63	24.0	1.089	0.511	<b>0.556</b>	17
		Bottom Side	841.5	23.63	24.0	1.089	0.329	0.358	
	50%RB	Left Side	841.5	22.52	23.0	1.117	0.315	0.352	
		Right Side	841.5	22.52	23.0	1.117	0.403	0.450	
		Bottom Side	841.5	22.52	23.0	1.117	0.115	0.128	

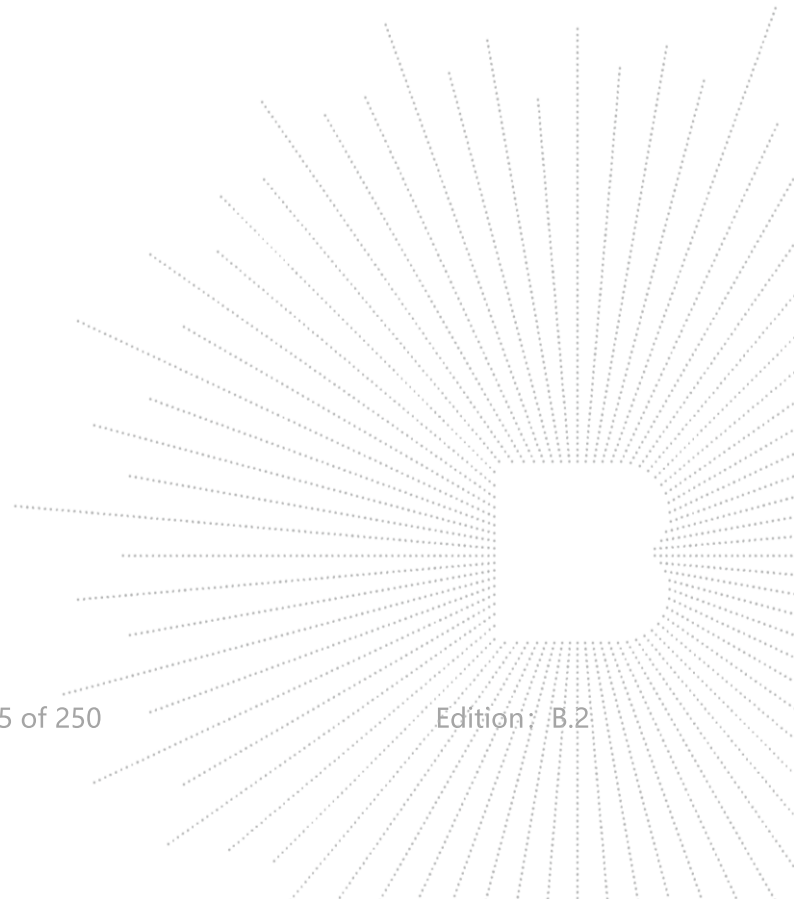
LTE Band 66 (20MHz Bandwidth)									
RF Exposure Conditions	Mode	Test Position	Freq. (MHz)	Output Power (dBm)			SAR1g (W/kg)		Plot No.
				Meas.	Turn-up	Scaling Factor	Meas.	Scaled	
Head (0mm)	1RB	Left Cheek	1720	22.63	23.0	1.089	0.119	0.130	
		Left Tilt	1720	22.63	23.0	1.089	0.113	0.123	
		Right Cheek	1720	22.63	23.0	1.089	0.095	0.103	
		Right Tilt	1720	22.63	23.0	1.089	0.136	0.148	
	50%RB	Left Cheek	1720	21.65	22.0	1.084	0.091	0.099	
		Left Tilt	1720	21.65	22.0	1.084	0.065	0.070	
		Right Cheek	1720	21.65	22.0	1.084	0.077	0.083	
		Right Tilt	1720	21.65	22.0	1.084	0.083	0.090	
Body (10mm)	1RB	Front Face	1720	22.63	23.0	1.089	0.265	<b>0.289</b>	18
		Back Face	1720	22.63	23.0	1.089	0.210	0.229	
	50%RB	Front Face	1720	21.65	22.0	1.084	0.115	0.125	
		Back Face	1720	21.65	22.0	1.084	0.205	0.222	
Hotspot (10mm)	1RB	Left Side	1720	22.63	23.0	1.089	0.217	0.236	
		Right Side	1720	22.63	23.0	1.089	0.119	0.130	
		Bottom Side	1720	22.63	23.0	1.089	0.290	0.316	
	50%RB	Left Side	1720	21.65	22.0	1.084	0.115	0.125	
		Right Side	1720	21.65	22.0	1.084	0.078	0.085	
		Bottom Side	1720	21.65	22.0	1.084	0.112	0.121	

#### 14.4 SAR Measurement Variability

According to KDB865664, Repeated measurements are required only when the measured SAR is  $\geq 0.80$  W/kg. If the measured SAR value of the initial repeated measurement is  $< 1.45$  W/kg with  $\leq 20\%$  variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. A second repeated measurement is required only if the measured result for the initial repeated measurement is within 10% of the SAR limit and vary by more than 20%, which are often related to device and measurement setup difficulties. The following procedures are applied to determine if repeated measurements are required. The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.<sup>19</sup> The repeated measurement results must be clearly identified in the SAR report. All measured SAR, including the repeated results, must be considered to determine compliance and for reporting according to KDB 690783. Repeated measurement is not required when the original highest measured SAR is  $< 0.80$  W/kg; steps 2) through 4) do not apply.

- 1) When the original highest measured SAR is  $\geq 0.80$  W/kg, repeat that measurement once.
- 2) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is  $> 1.20$  or when the original or repeated measurement is  $\geq 1.45$  W/kg (~ 10% from the 1-g SAR limit).
- 3) Perform a third repeated measurement only if the original, first or second repeated measurement is  $\geq 1.5$  W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is  $> 1.20$ .
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is  $\geq 1.5$  W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is  $> 1.20$ .

Test Mode	Frequency Band (MHz)	RF Exposure Configuration	Test Position	Repeated SAR (yes/no)	Highest Measured SAR1-g (W/Kg)	First Repeated	
						Measured SAR1-g (W/Kg)	Largest to Smallest SAR Ratio
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/



### 14.5 Simultaneous Transmission Evaluation

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

Application Simultaneous Transmission information:

No.	Configurations	Head SAR	Body SAR	Hotspot SAR
1	WWAN+WIFI	Yes	Yes	Yes
2	WWAN+Bluetooth	Yes	Yes	Yes
3	WIFI+Bluetooth	No	No	No

**Remark:**

1. WWAN cannot transmit simultaneously.
2. Bluetooth and WIFI share the same antenna and cannot transmit data at the same time.
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:
  - $(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f(\text{GHz})} / x] \text{ W/kg}$  for test separation distances  $\leq 50 \text{ mm}$ ; where  $x = 7.5$  for 1-g SAR, and  $x = 18.75$  for 10-g SAR.
  - $0.4 \text{ W/kg}$  for 1-g SAR and  $1.0 \text{ W/kg}$  for 10-g SAR, when the test separation distances is  $> 50 \text{ mm}$

Estimated stand alone SAR						
Mode	Frequency (MHz)	Maximum Power (dBm)	Maximum Power (mW)	Separation Distance (mm)	X	Estimated SAR1-g (W/kg)
Bluetooth	2480	6.0	3.98	5	3	0.167
Bluetooth	2480	6.0	3.98	10	7.5	0.084

Note:

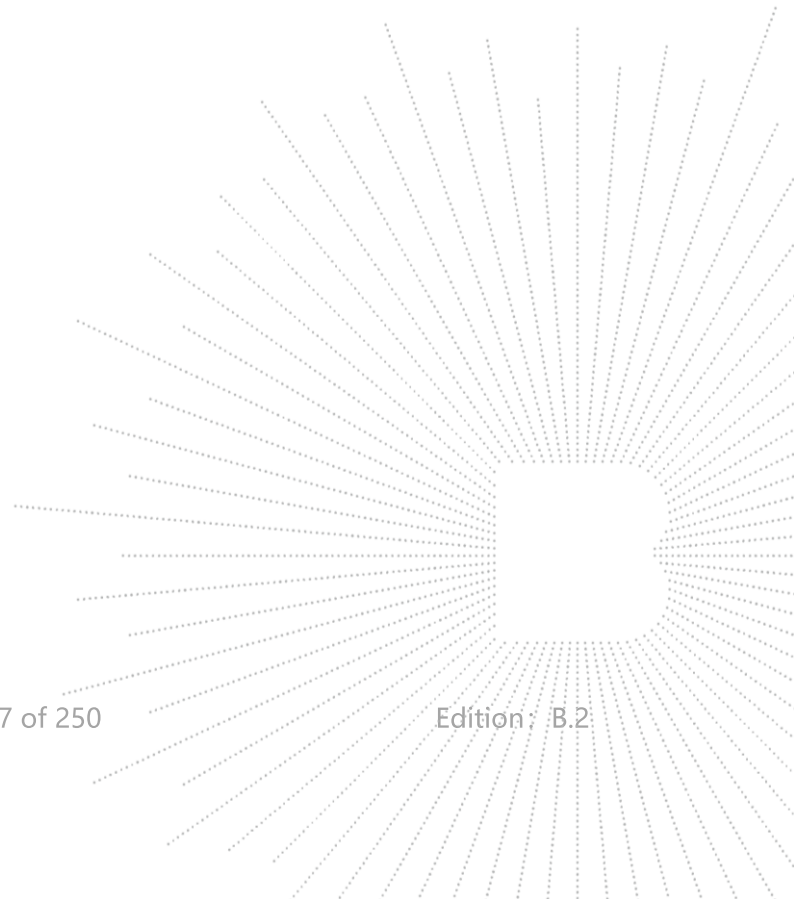
1. Bluetooth\*- Including Lower power Bluetooth
2. Maximum average power including tune-up tolerance;
3. When the minimum test separation distance is  $< 5 \text{ mm}$ , a distance of  $5 \text{ mm}$  is applied to determine SAR test exclusion

4. Per FCC KD B447498 D01, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the transmitting antenna in a specific a physical test configuration is  $\leq 1.6 \text{ W/Kg}$ . When the sum is greater than the SAR limit, SAR test exclusion is determined by the SAR to peak location separation ratio.

$$\text{Ratio} = \frac{(\text{SAR}_1 + \text{SAR}_2)^{1.5}}{(\text{peak location separation, mm})} < 0.04$$

## 5. Simultaneous transmission of maximum SAR sum calculation.

RF Exposure Conditions	Test Position	WWAN	WCN	Summed SAR (W/kg)	SAR1-g Limit (W/kg)
		Scaled SAR (W/kg)	Scaled SAR (W/kg)		
Head	Left Cheek	0.186	0.523	0.709	1.6
	Left Tilt	0.176	0.380	0.556	1.6
	Right Cheek	0.306	0.441	0.747	1.6
	Right Tilt	0.221	0.290	0.511	1.6
Body	Front Face	0.732	0.317	1.049	1.6
	Back Face	0.794	0.371	1.165	1.6
Hotspot	Left Side	0.680	/	0.680	1.6
	Right Side	0.781	0.434	1.215	1.6
	Top Side	/	0.364	0.364	1.6
	Bottom Side	0.746	/	0.746	1.6



## 15. Test Plots

### 15.1 System Performance Check

#### System check at 750 MHz

Date of measurement: 20/9/2024

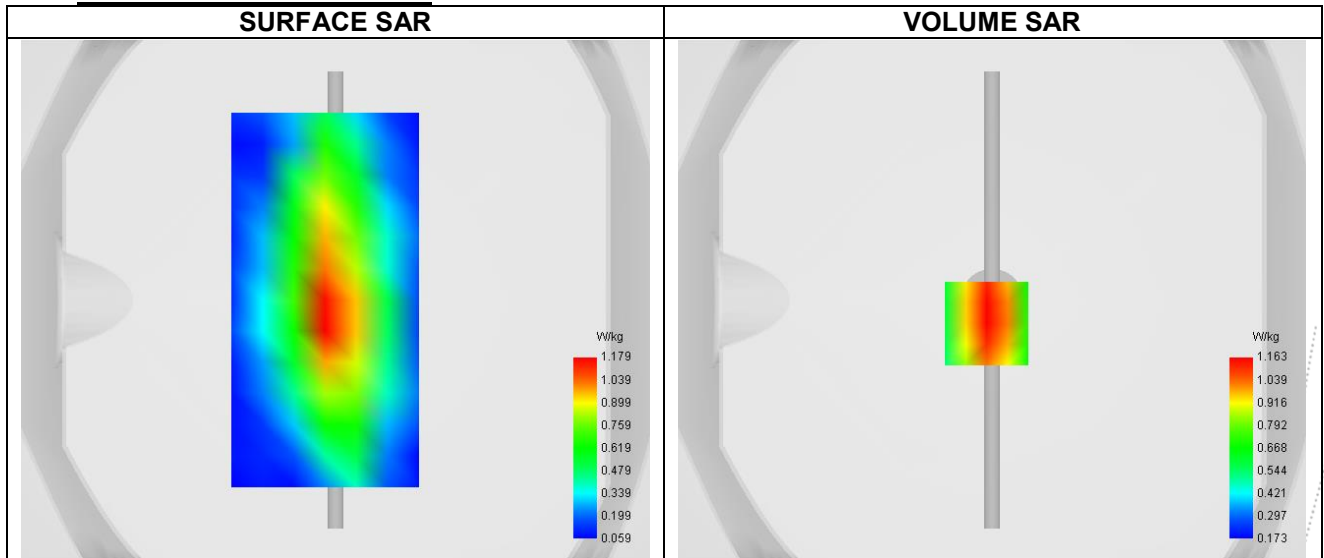
#### A. Experimental conditions.

Probe	SN 26/23 EPGO420
ConvF	0.87
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	CW

#### B. Permittivity

Frequency (MHz)	750.000
Relative permittivity (real part)	40.930
Relative permittivity (imaginary part)	24.595
Conductivity (S/m)	0.871

#### C. SAR Surface and Volume



Maximum location: X=-2.00, Y=-9.00 ; SAR Peak: 1.61 W/kg

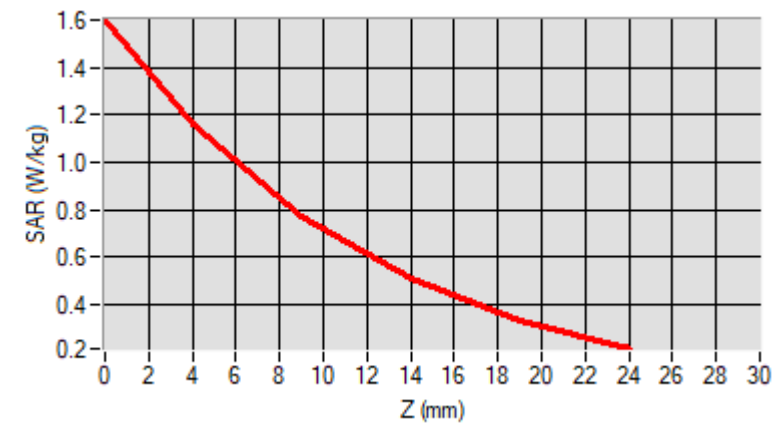
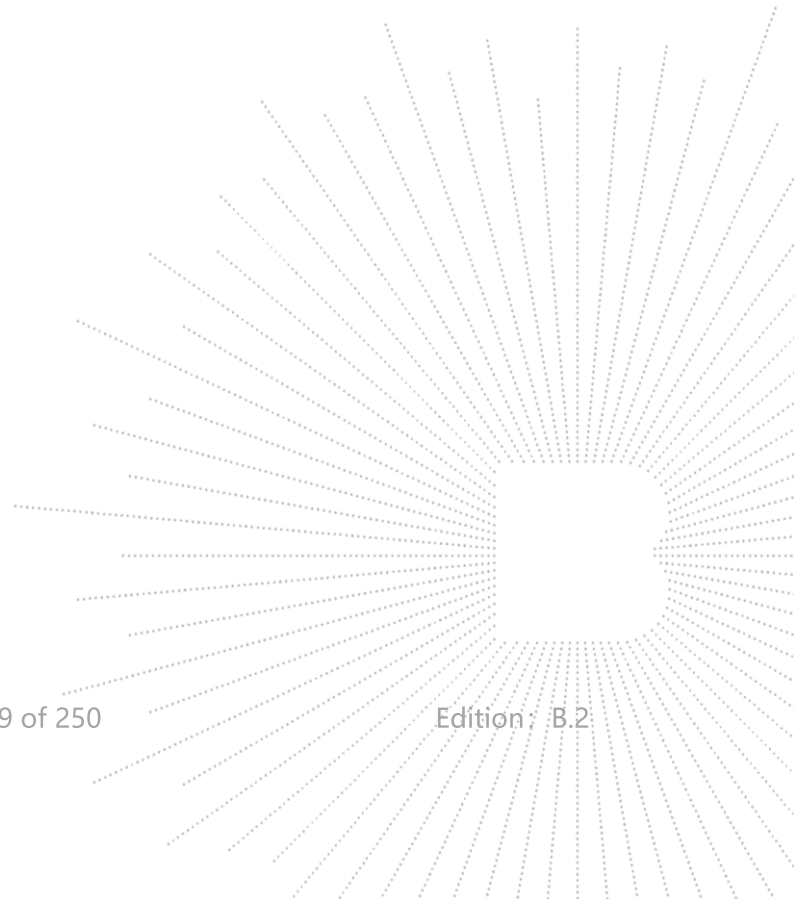
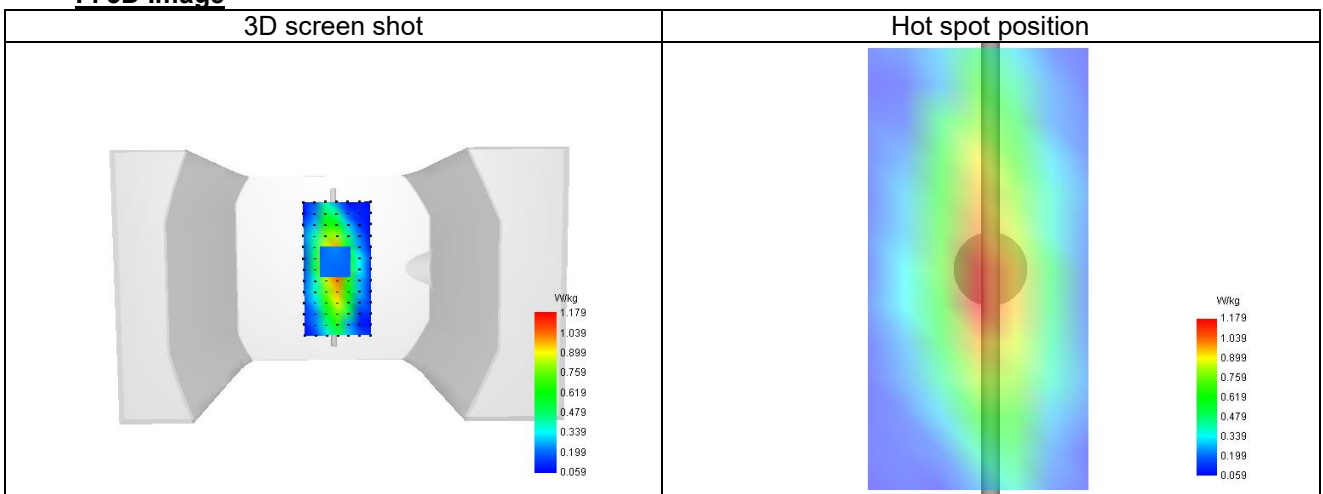
#### D. SAR 1g & 10g

SAR 10g (W/Kg)	0.962
SAR 1g (W/Kg)	2.234
Variation (%)	-0.787
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

#### E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.603	1.163	0.769	0.506	0.333




**F. 3D Image**


**System check at 835 MHz**

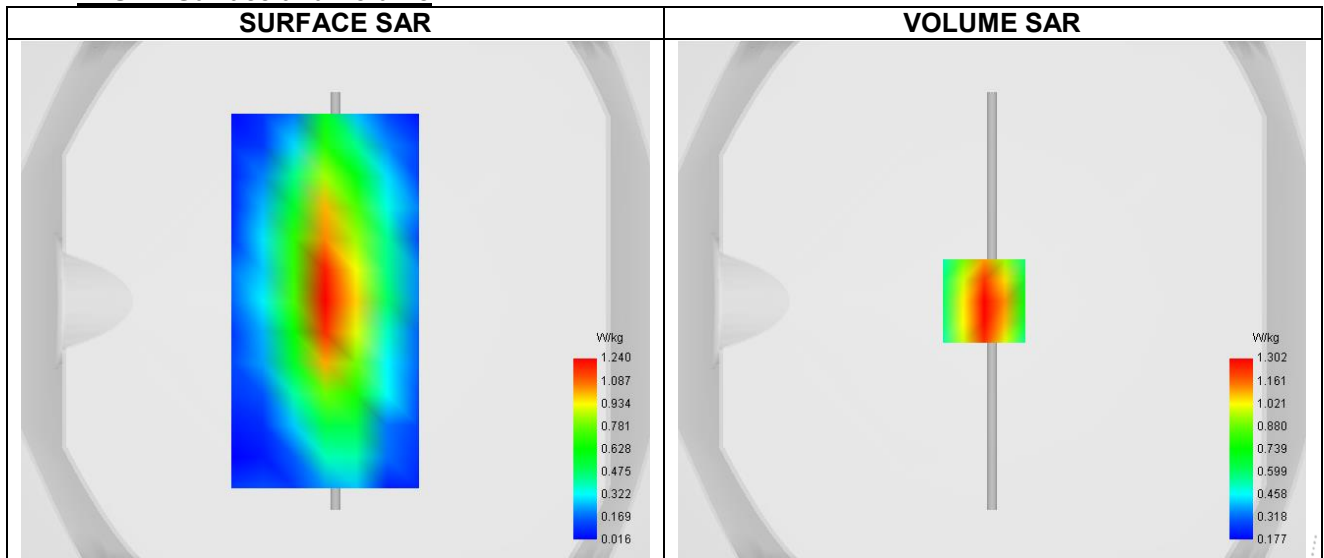
Date of measurement: 23/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.80
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	CW

**B. Permittivity**

Frequency (MHz)	835.000
Relative permittivity (real part)	41.848
Relative permittivity (imaginary part)	20.910
Conductivity (S/m)	0.868

**C. SAR Surface and Volume**


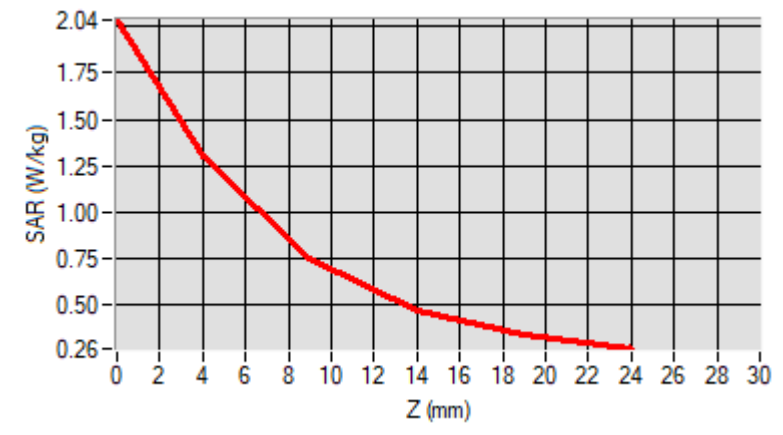
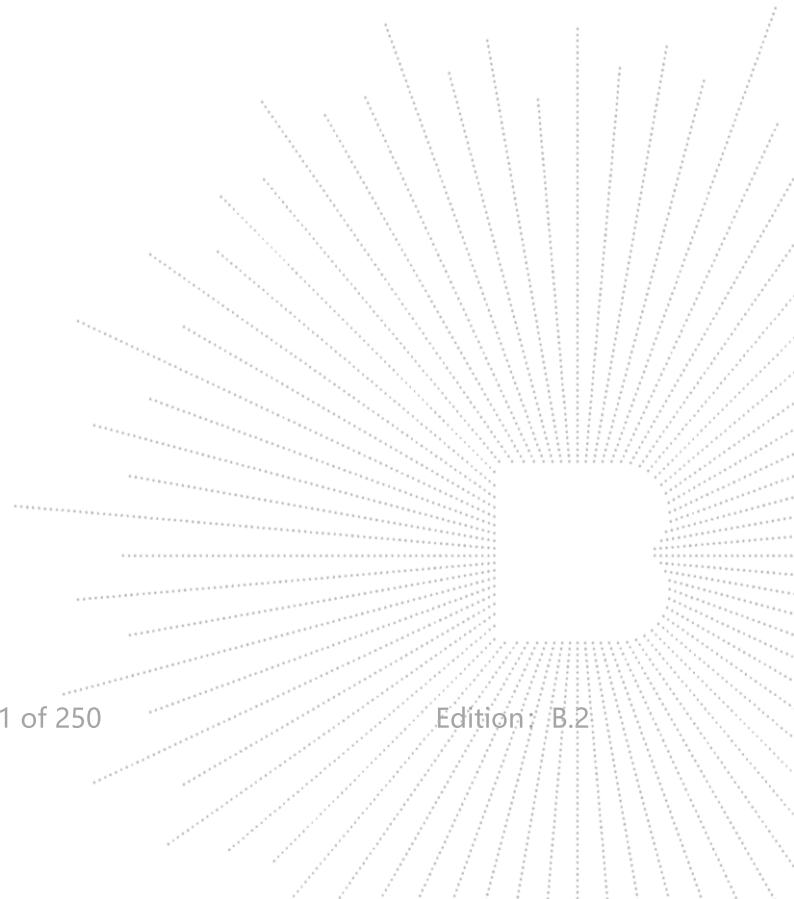
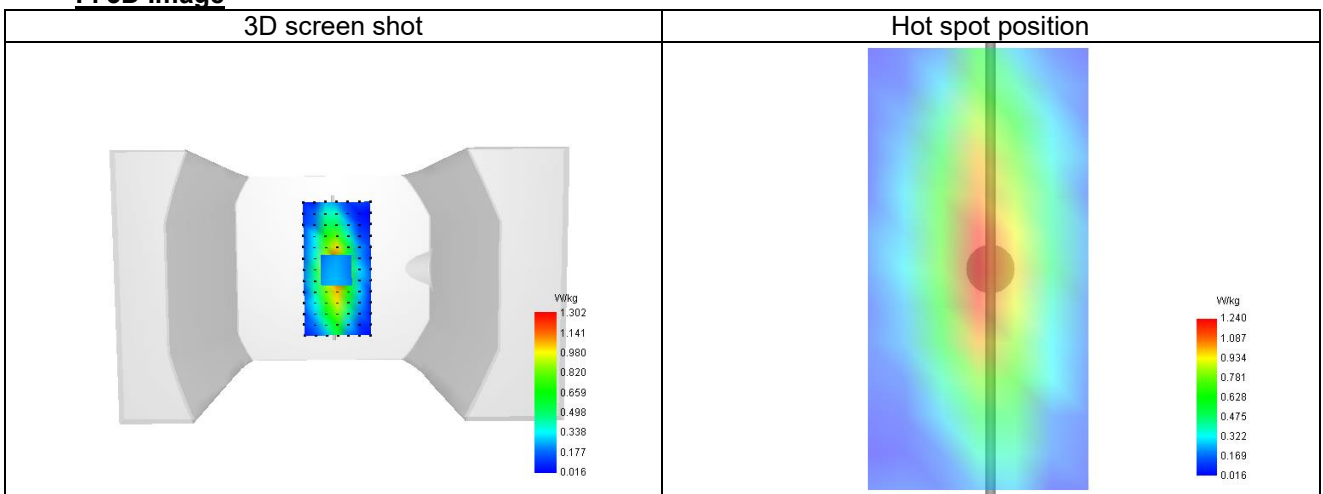
Maximum location: X=-3.00, Y=0.00 ; SAR Peak: 2.06 W/kg

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

SAR 10g (W/Kg)	0.564
SAR 1g (W/Kg)	2.621
Variation (%)	-1.070
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.036	1.302	0.747	0.462	0.331


**F. 3D Image**


**System check at 1800 MHz**

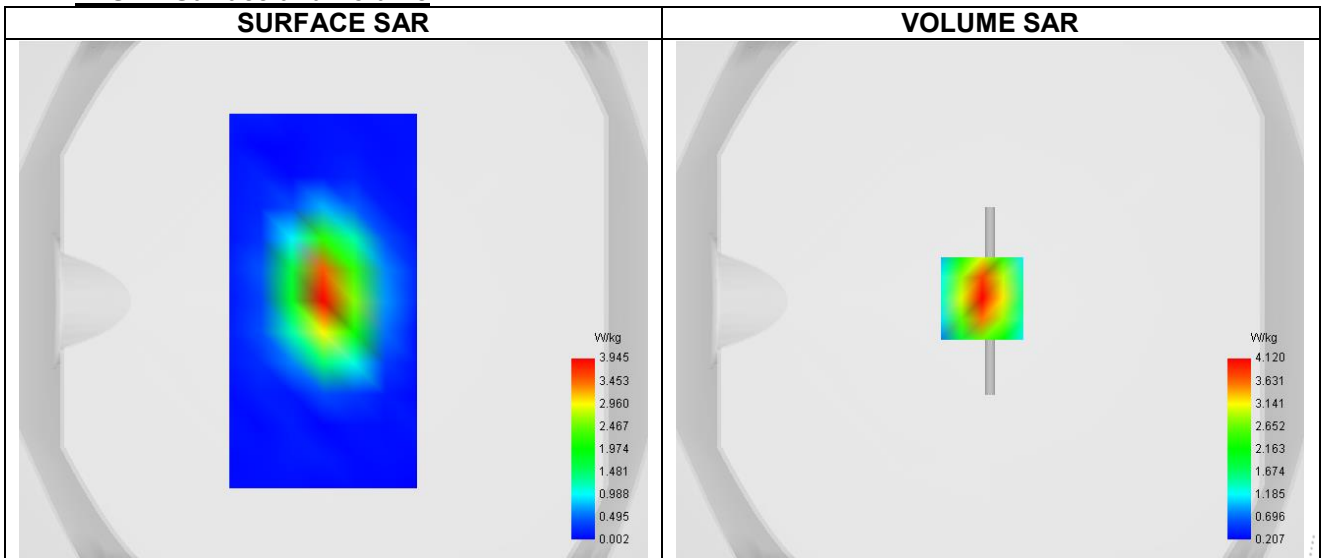
Date of measurement: 24/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.01
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW

**B. Permittivity**

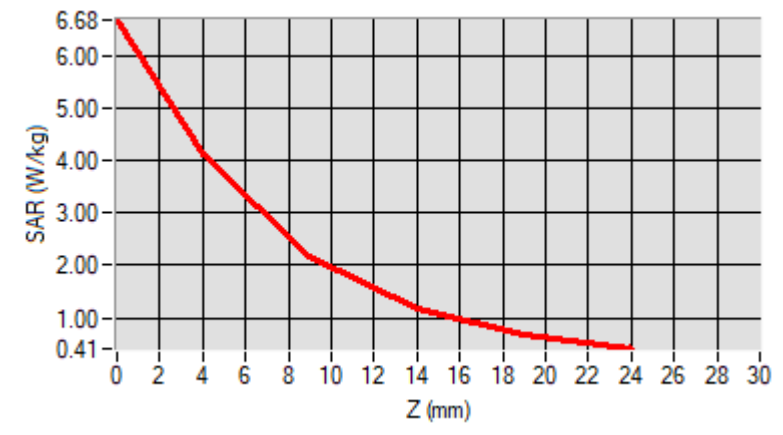
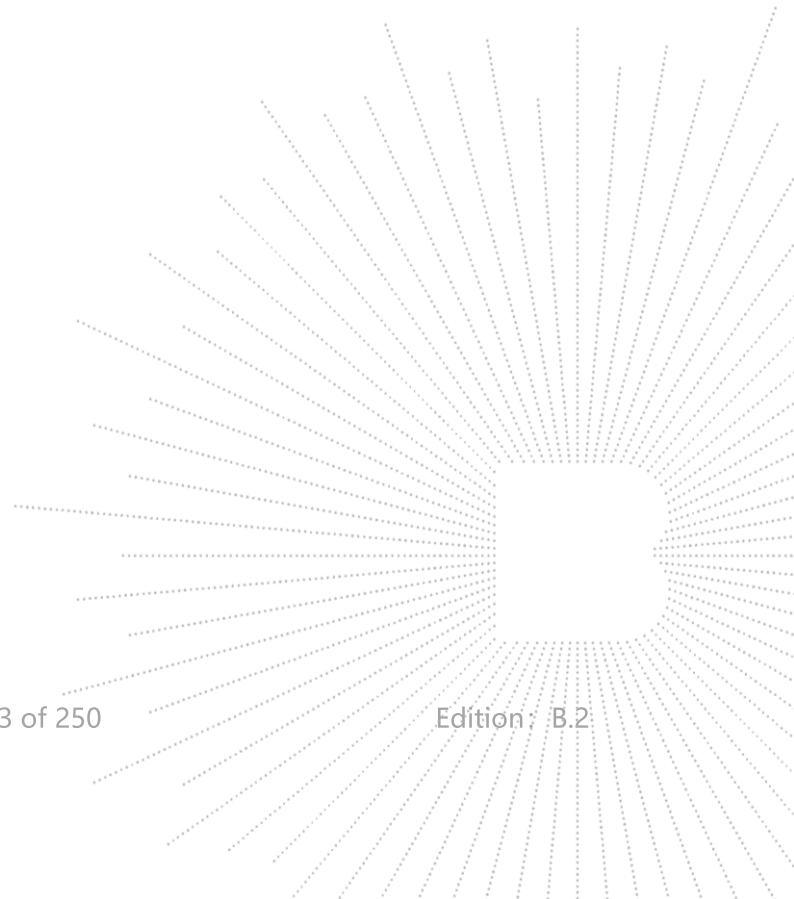
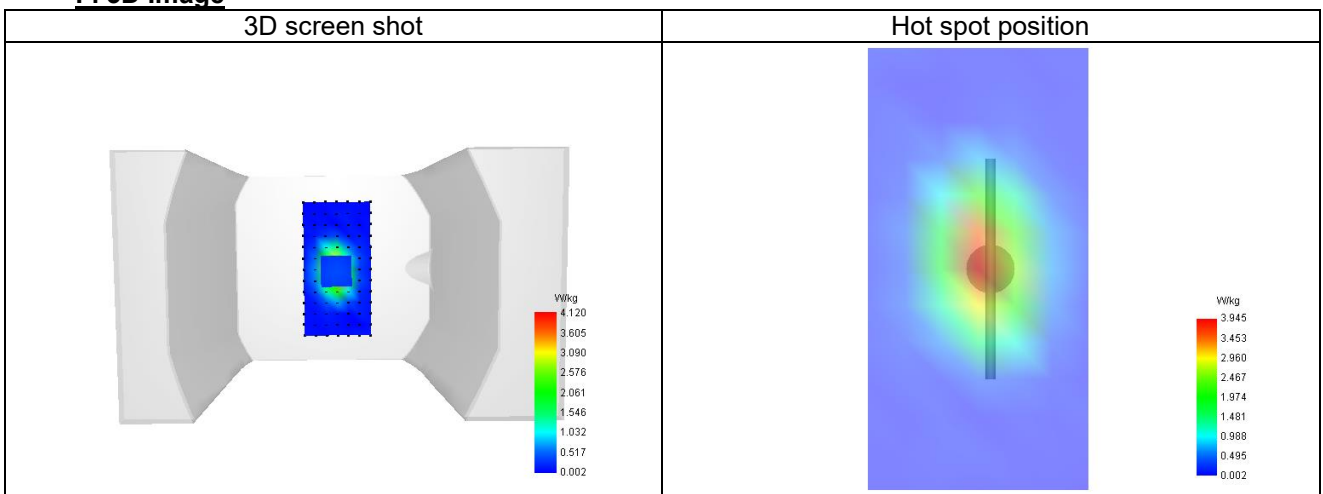
Frequency (MHz)	1800.000
Relative permittivity (real part)	38.952
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	1.351

**C. SAR Surface and Volume**

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

SAR 10g (W/Kg)	4.017
SAR 1g (W/Kg)	9.646
Variation (%)	2.419
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	6.684	4.120	2.184	1.177	0.685


**F. 3D Image**


**System check at 1900 MHz**

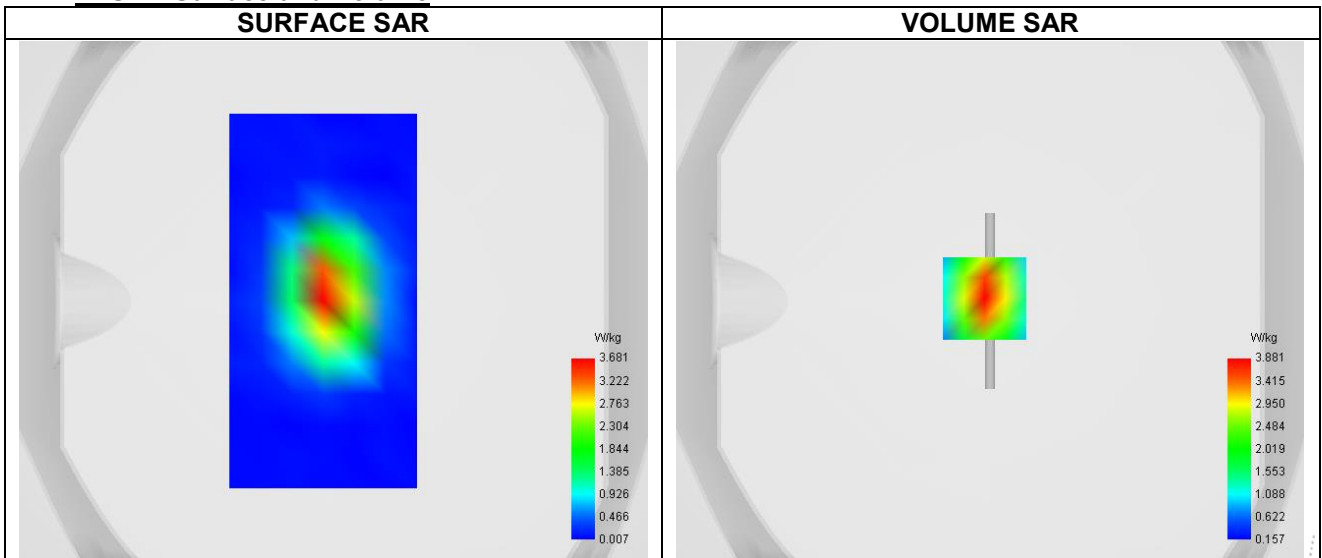
Date of measurement: 25/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.11
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW

**B. Permittivity**

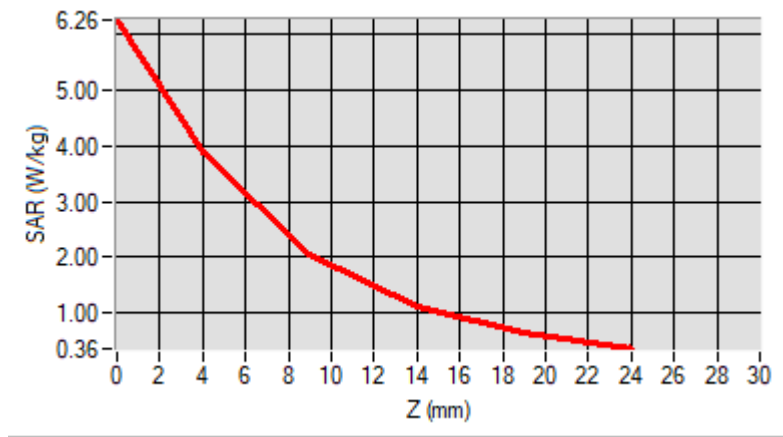
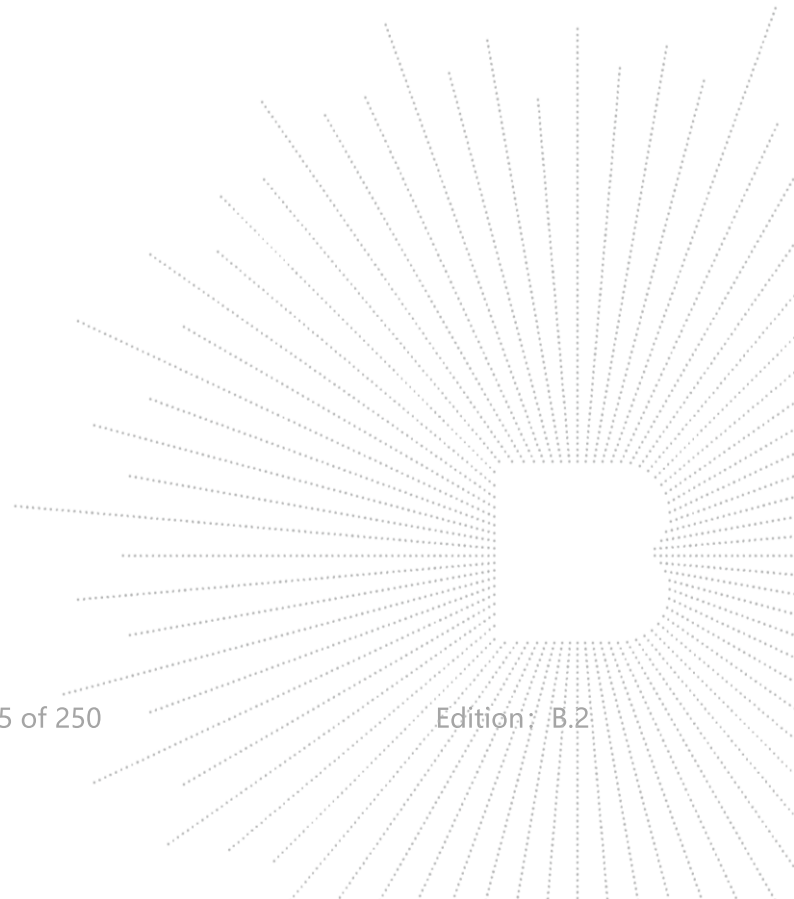
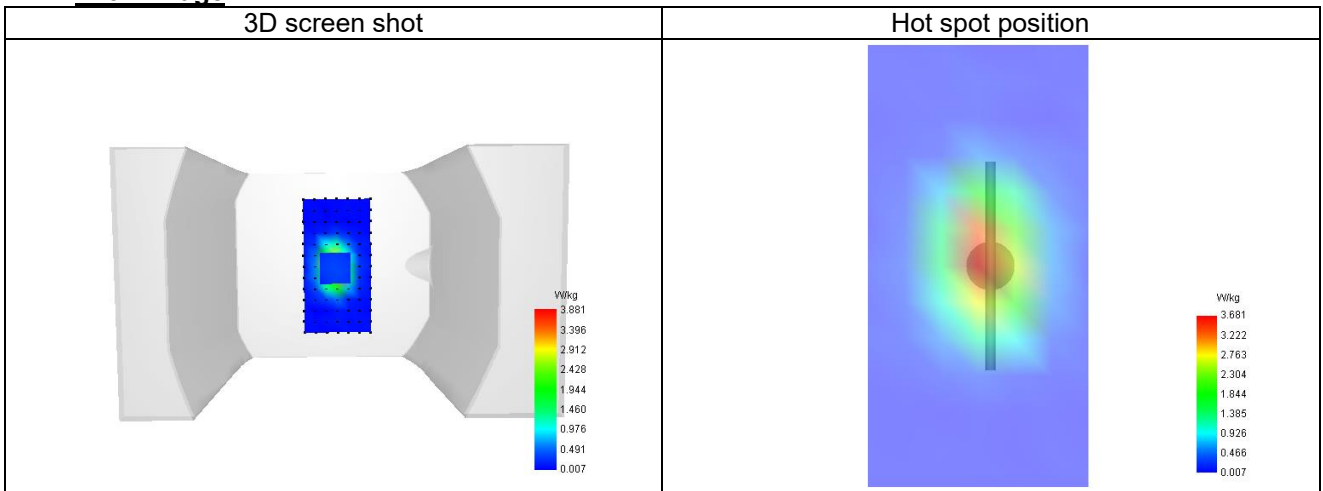
Frequency (MHz)	1900.000
Relative permittivity (real part)	38.586
Relative permittivity (imaginary part)	14.400
Conductivity (S/m)	1.440

**C. SAR Surface and Volume**

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

SAR 10g (W/Kg)	5.074
SAR 1g (W/Kg)	10.105
Variation (%)	-3.865
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	6.259	3.881	2.069	1.111	0.634


**F. 3D Image**


**System check at 2450 MHz**

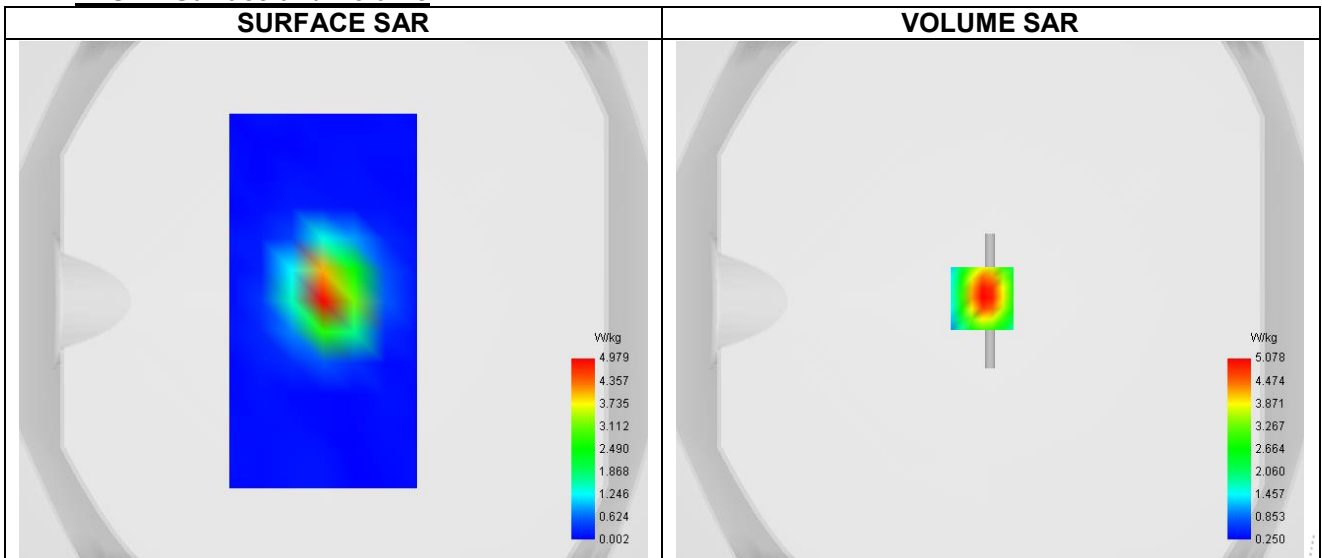
Date of measurement: 26/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.32
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW

**B. Permittivity**

Frequency (MHz)	2450.000
Relative permittivity (real part)	37.944
Relative permittivity (imaginary part)	14.330
Conductivity (S/m)	1.856

**C. SAR Surface and Volume**


Maximum location: X=-3.00, Y=1.00 ; SAR Peak: 9.50 W/kg

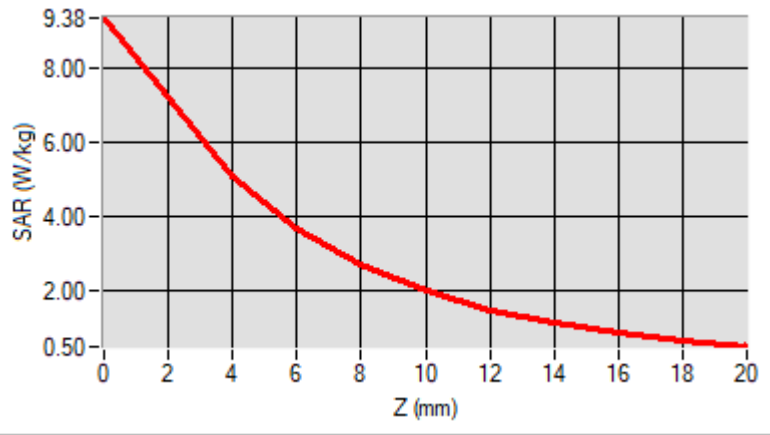
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	6.584
SAR 1g (W/Kg)	13.445
Variation (%)	1.019
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

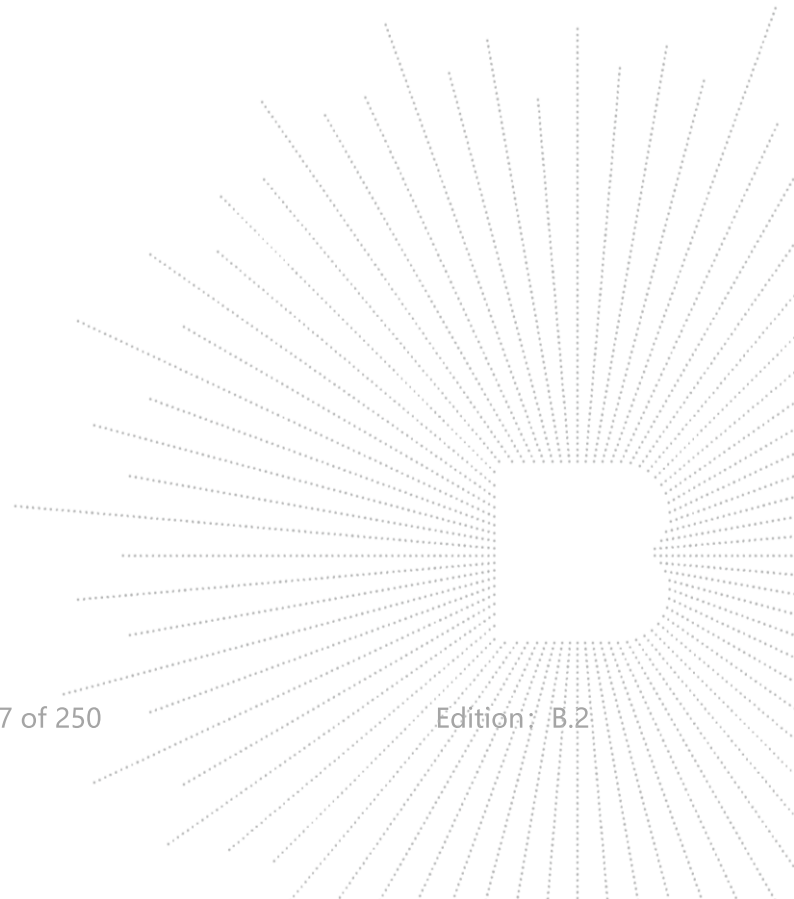
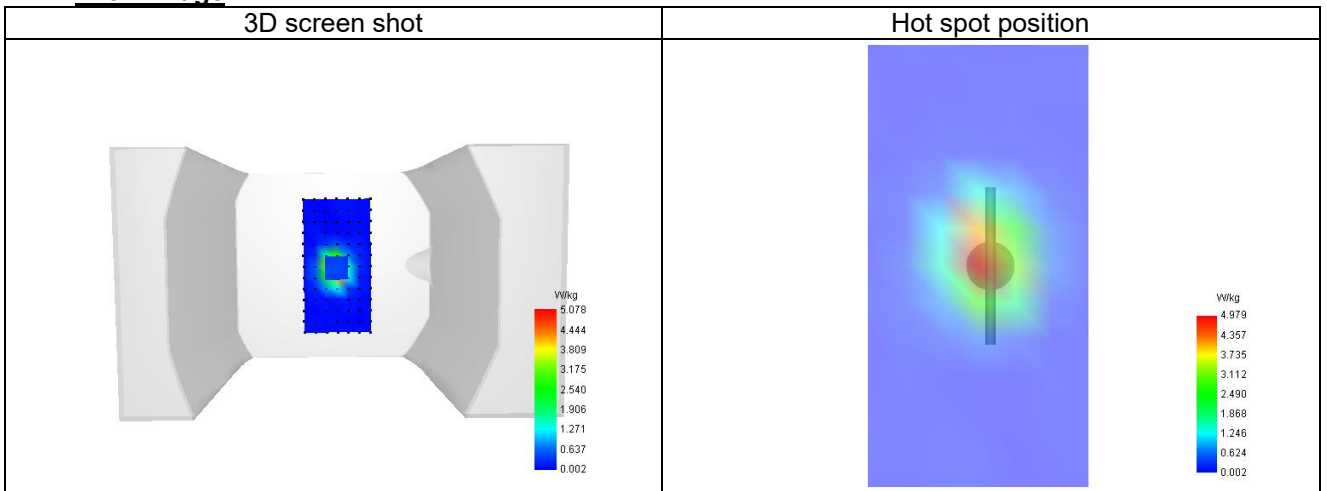
**E. Z Axis Scan**

Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00
SAR (W/Kg)	9.380	5.078	3.712	2.709	2.001	1.499	1.138	0.871	0.667





F. 3D Image



**System check at 2600 MHz**

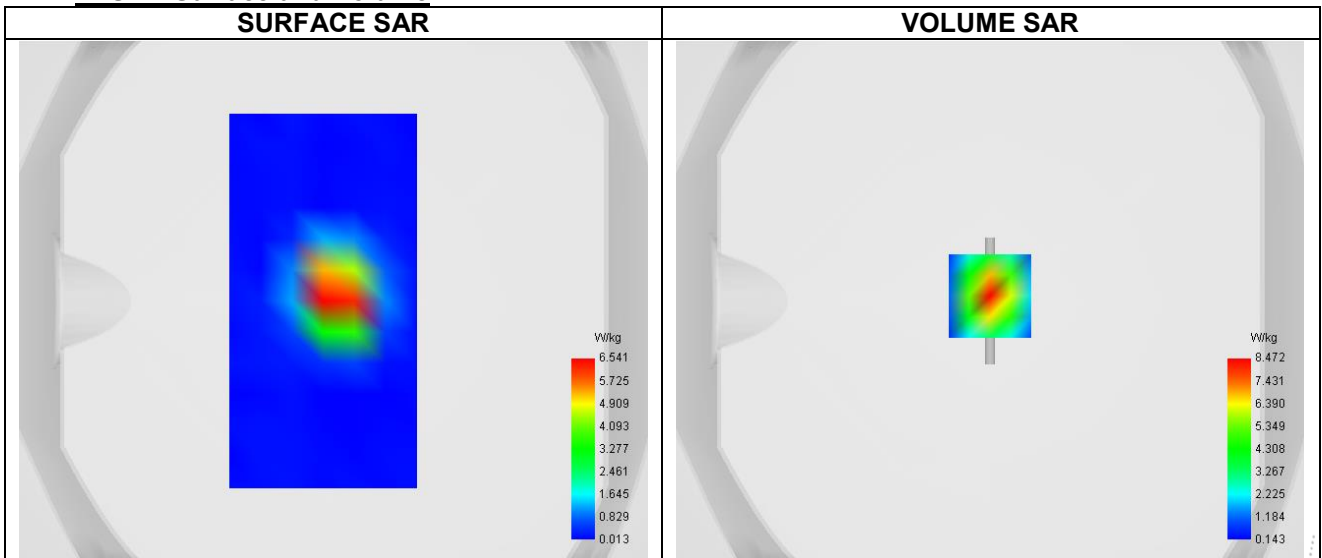
Date of measurement: 20/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.19
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW

**B. Permittivity**

Frequency (MHz)	2600.000
Relative permittivity (real part)	38.624
Relative permittivity (imaginary part)	14.889
Conductivity (S/m)	1.998

**C. SAR Surface and Volume**


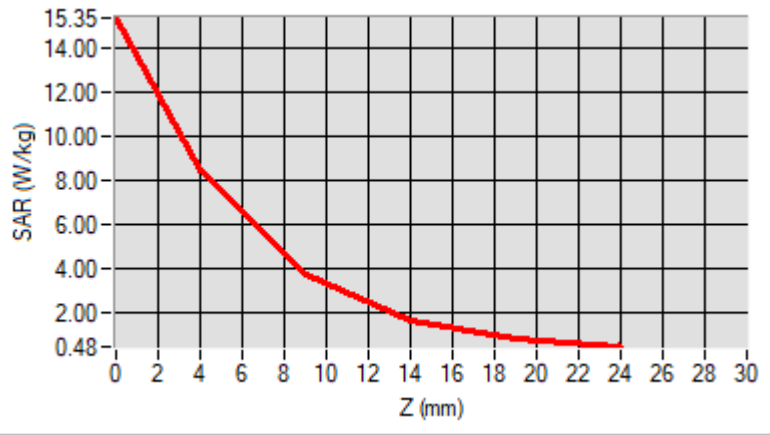
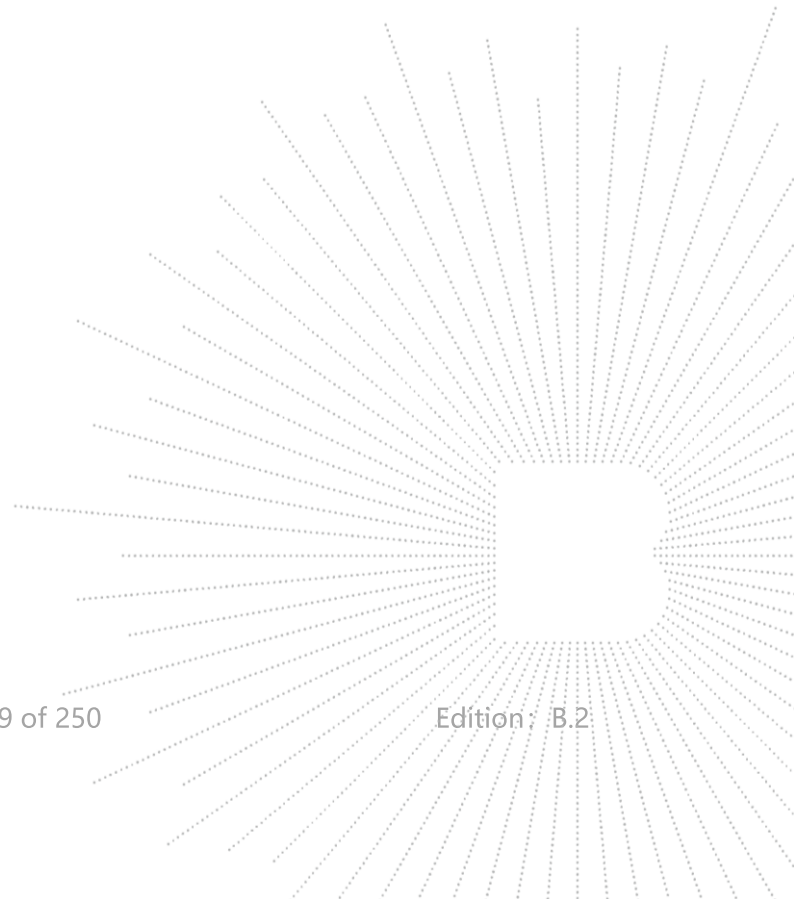
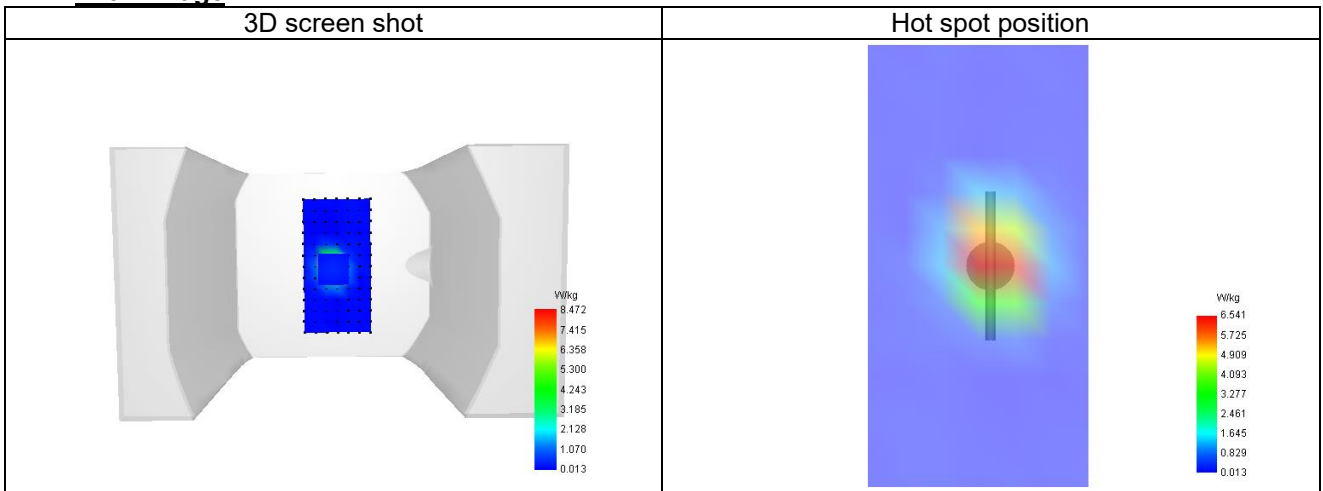
Maximum location: X=0.00, Y=2.00 ; SAR Peak: 15.35 W/kg

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

SAR 10g (W/Kg)	6.100
SAR 1g (W/Kg)	14.387
Variation (%)	3.252
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	15.347	8.472	3.768	1.677	0.856


**F. 3D Image**


**System check at 5200 MHz**

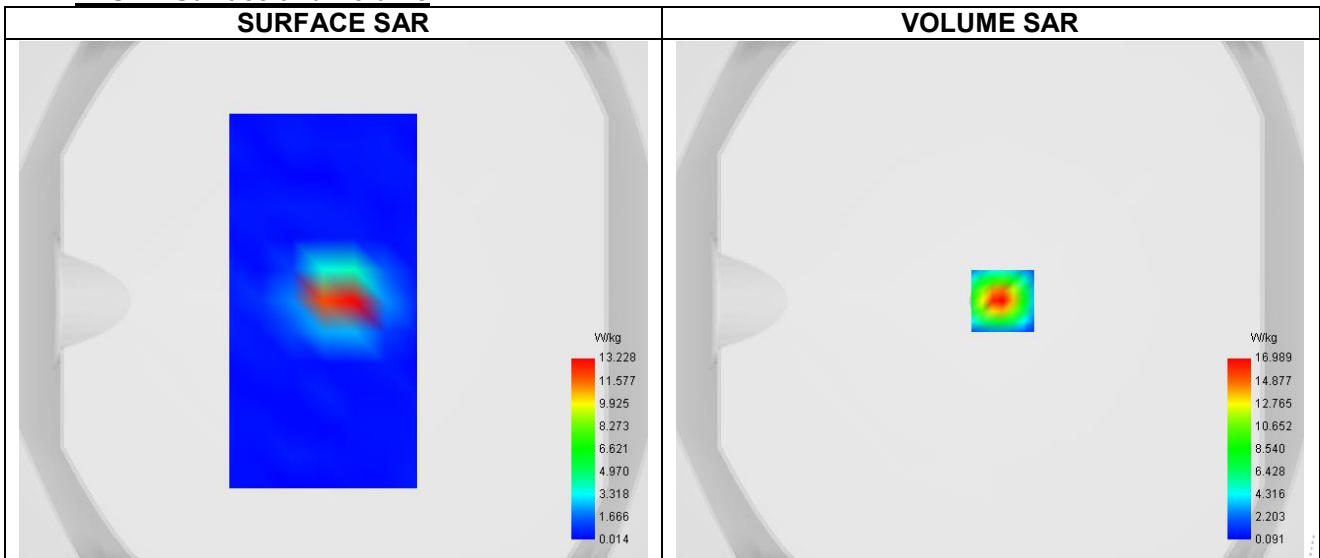
Date of measurement: 26/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.97
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW

**B. Permittivity**

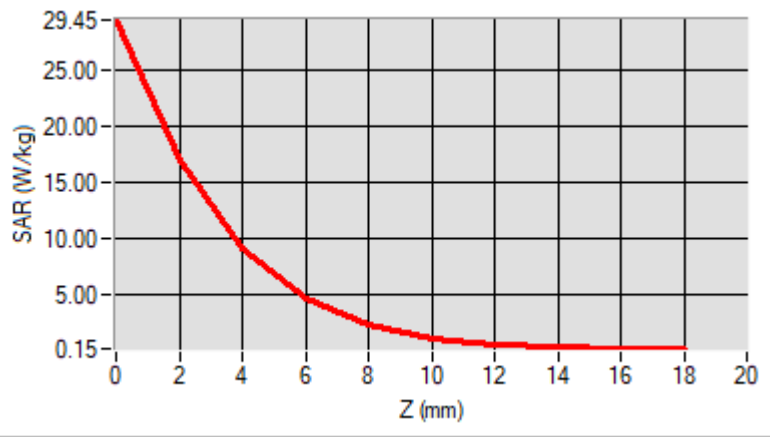
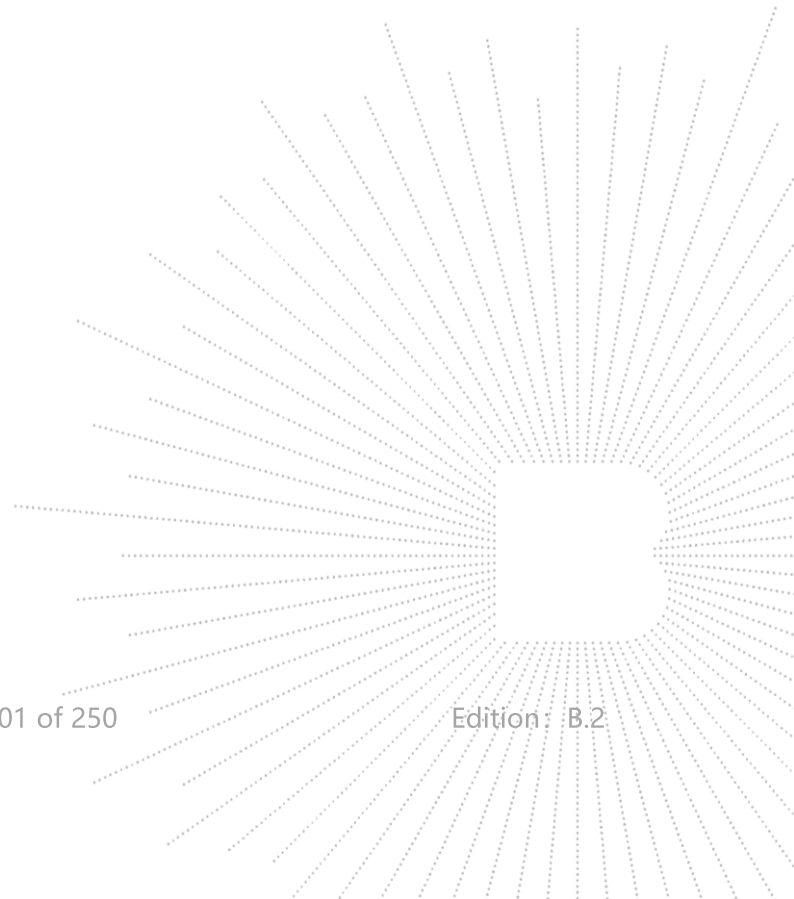
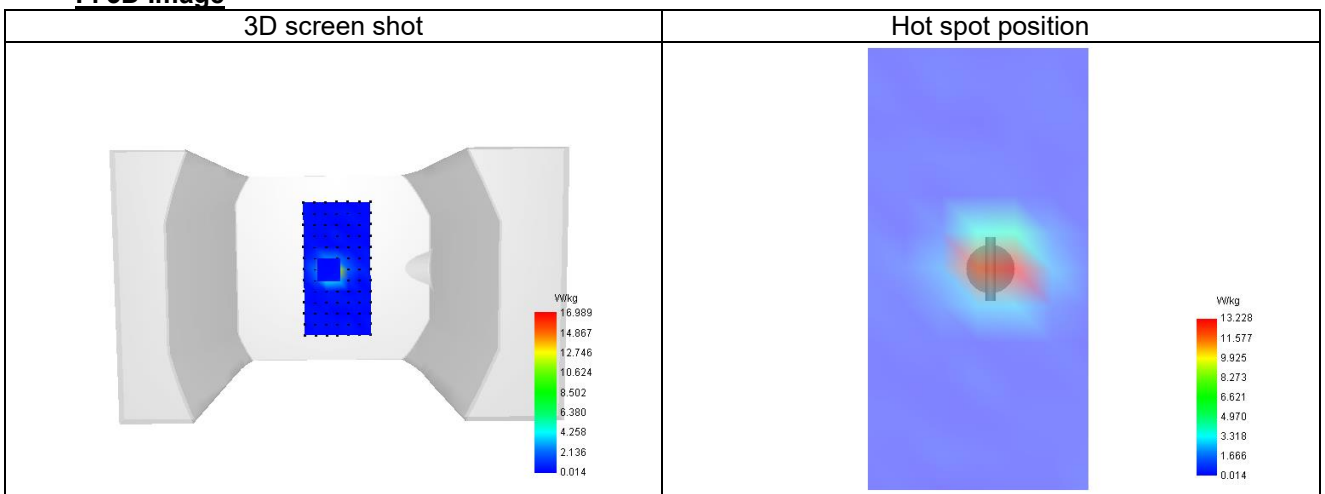
Frequency (MHz)	5200.000
Relative permittivity (real part)	34.405
Relative permittivity (imaginary part)	18.140
Conductivity (S/m)	4.722

**C. SAR Surface and Volume**

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

SAR 10g (W/Kg)	8.460
SAR 1g (W/Kg)	18.187
Variation (%)	-2.271
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	29.452	16.989	9.130	4.585	2.232	1.083	0.552	0.315	0.209


**F. 3D Image**


**System check at 5800 MHz**

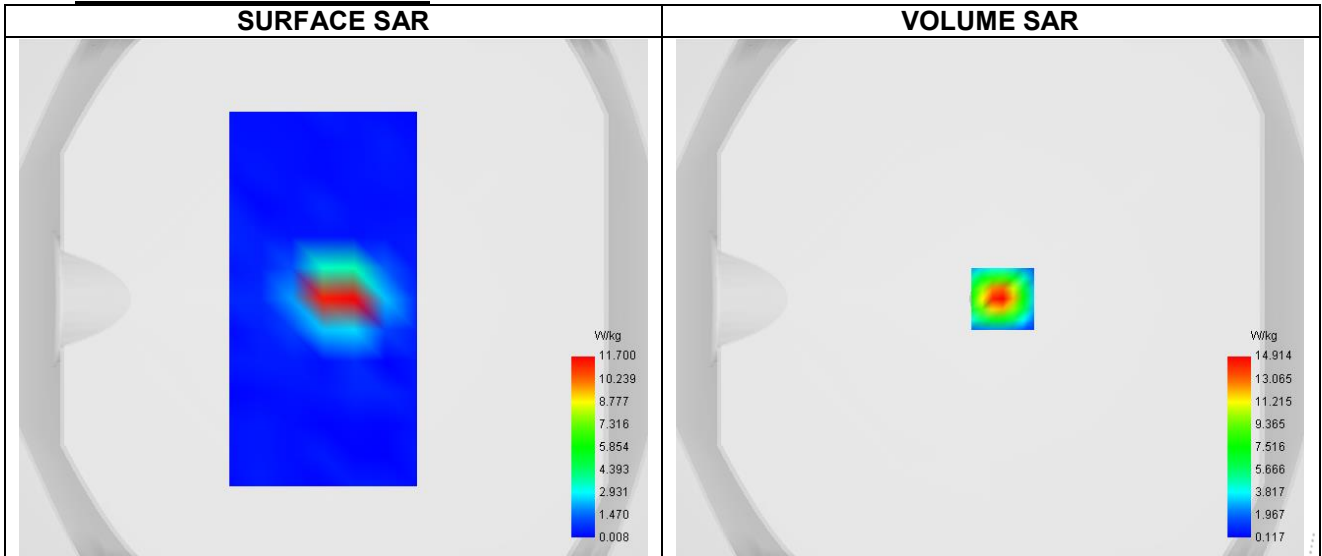
Date of measurement: 26/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.05
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Signal	CW

**B. Permittivity**

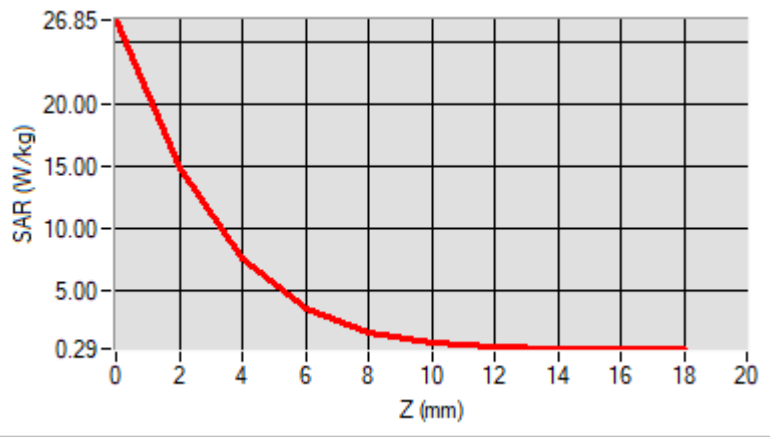
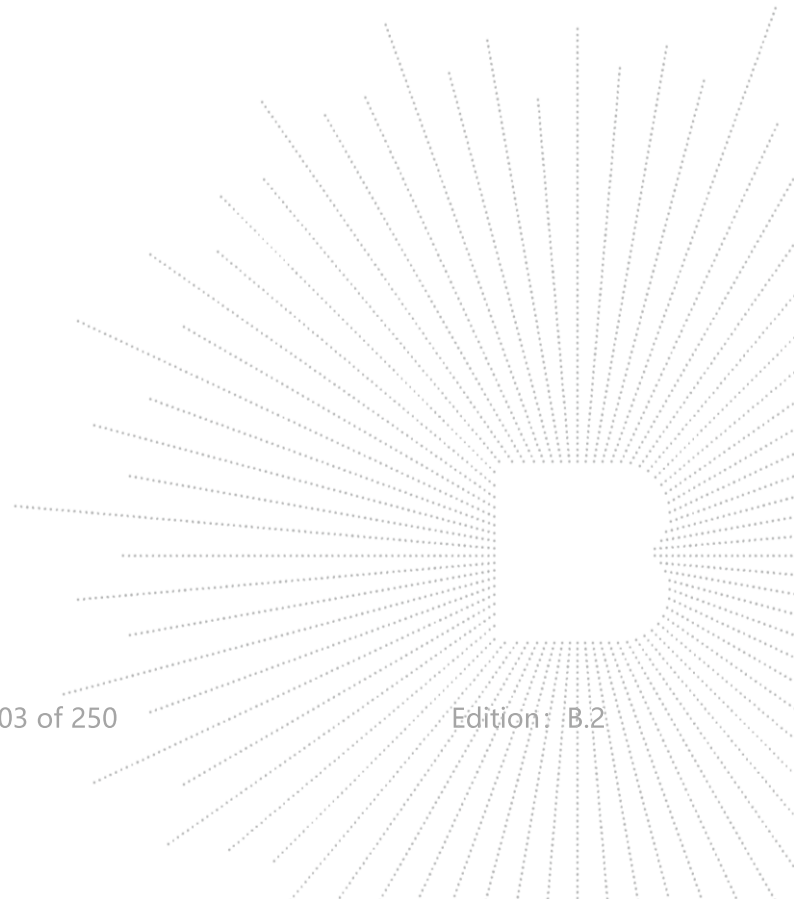
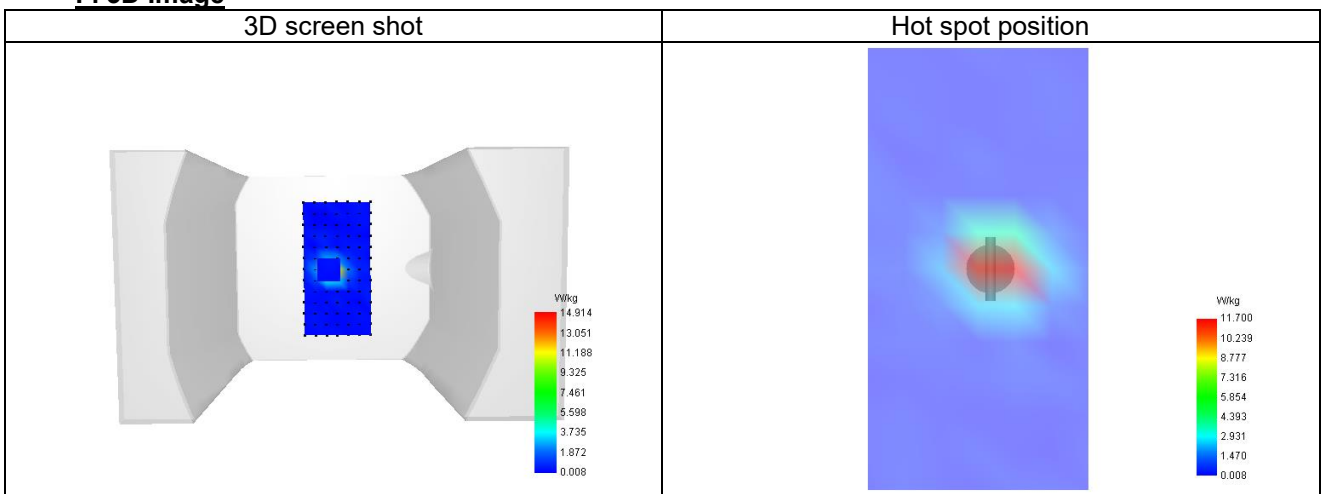
Frequency (MHz)	5800.000
Relative permittivity (real part)	35.685
Relative permittivity (imaginary part)	18.620
Conductivity (S/m)	5.137

**C. SAR Surface and Volume**

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

SAR 10g (W/Kg)	8.245
SAR 1g (W/Kg)	18.793
Variation (%)	-2.032
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	26.852	14.914	7.581	3.559	1.627	0.770	0.423	0.303	0.288


**F. 3D Image**


## 15.2 SAR Test Graph Results

**Plot 1**

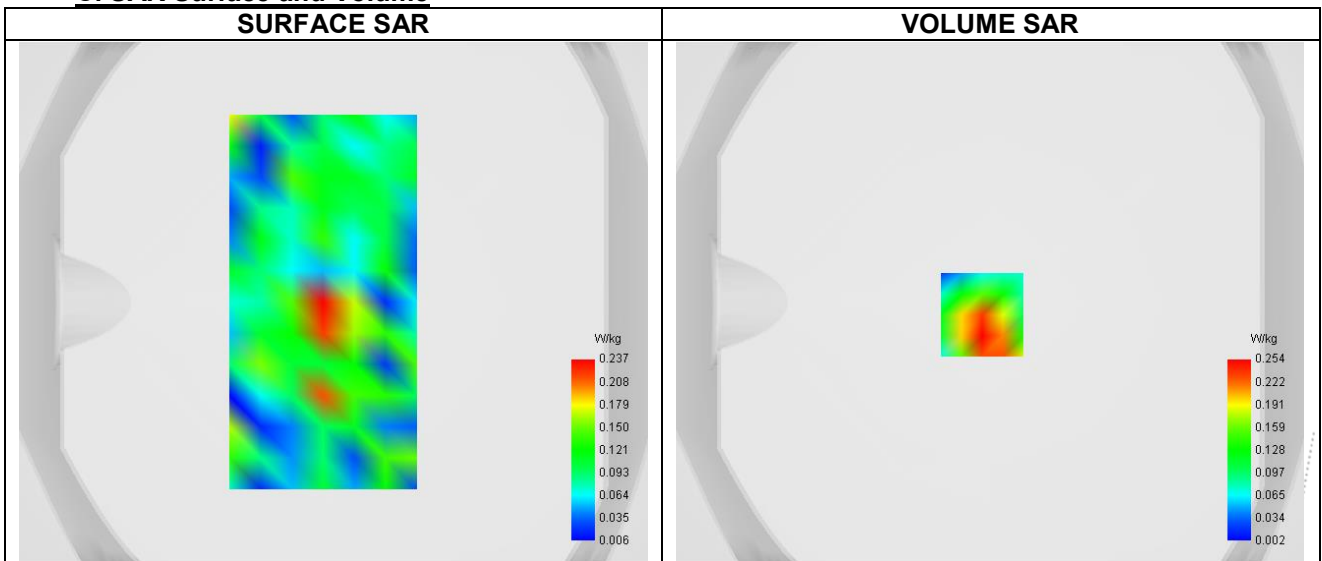
Date of measurement: 26/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.11
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	ISM
Signal	IEEE 802.11 b

**B. Permittivity**

Frequency (MHz)	2437.000
Relative permittivity (real part)	37.944
Relative permittivity (imaginary part)	13.207
Conductivity (S/m)	1.856

**C. SAR Surface and Volume**


Maximum location: X=-3.00, Y=-5.00 ; SAR Peak: 0.52 W/kg

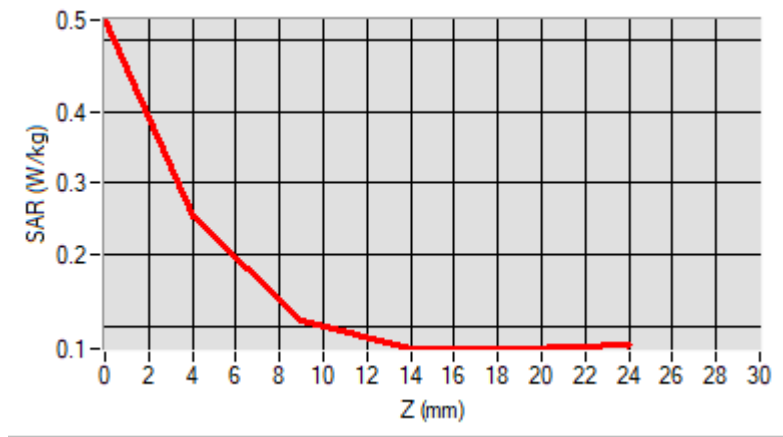
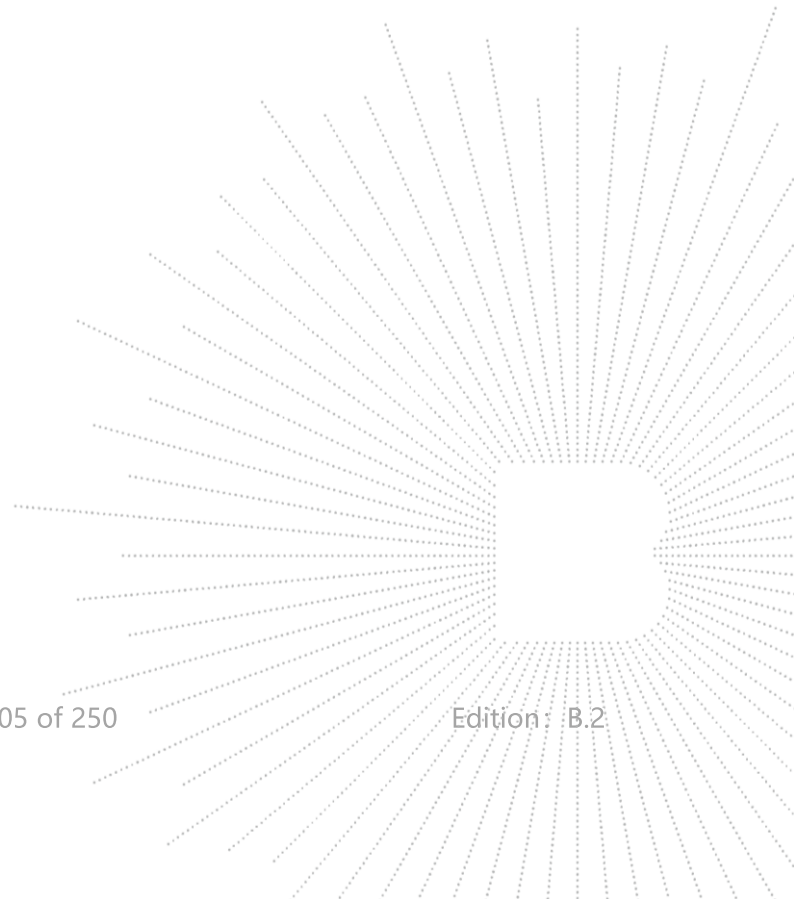
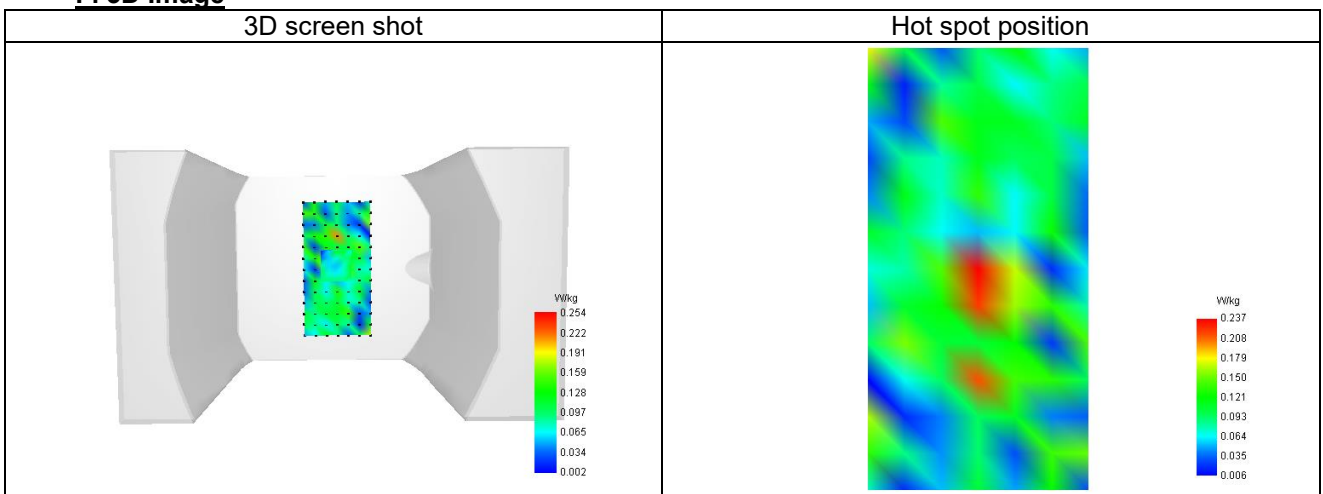
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.124
SAR 1g (W/Kg)	0.248
Variation (%)	3.210
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.528	0.254	0.106	0.069	0.068




**F. 3D Image**


**Plot 2**

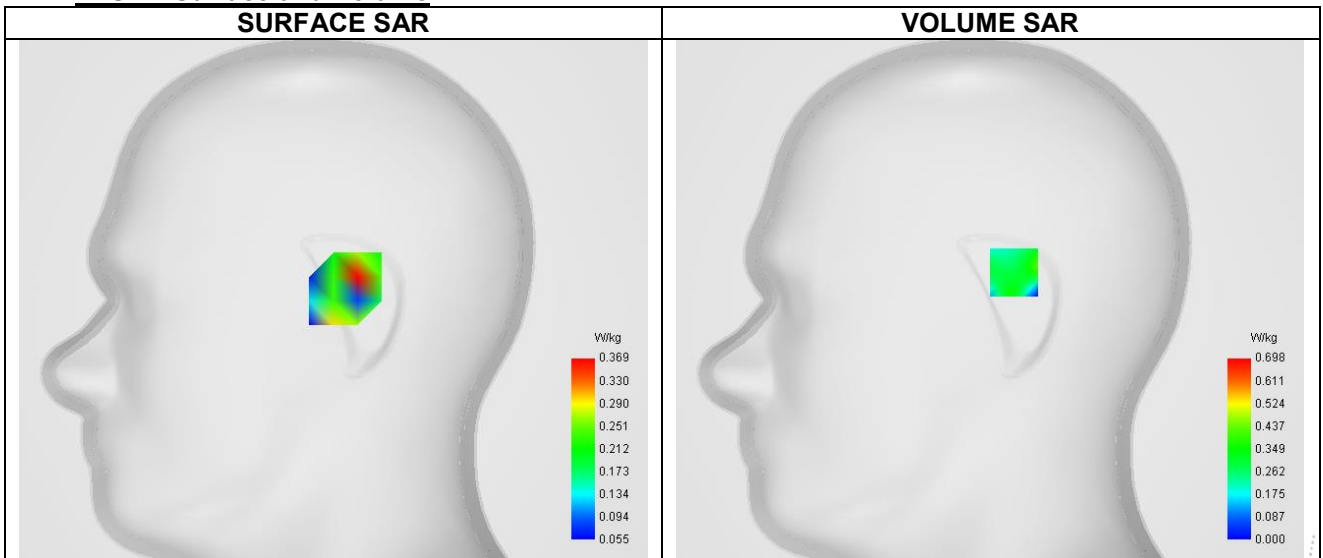
Date of measurement: 26/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.18
Area Scan	dx=12mm dy=12mm, Adaptative 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Left head
Device Position	Cheek
Band	5200
Signal	--

**B. Permittivity**

Frequency (MHz)	5240.000
Relative permittivity (real part)	34.405
Relative permittivity (imaginary part)	16.130
Conductivity (S/m)	4.722

**C. SAR Surface and Volume**


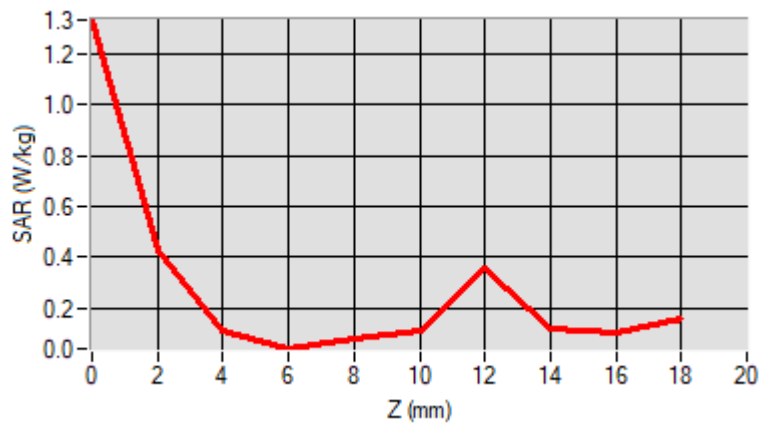
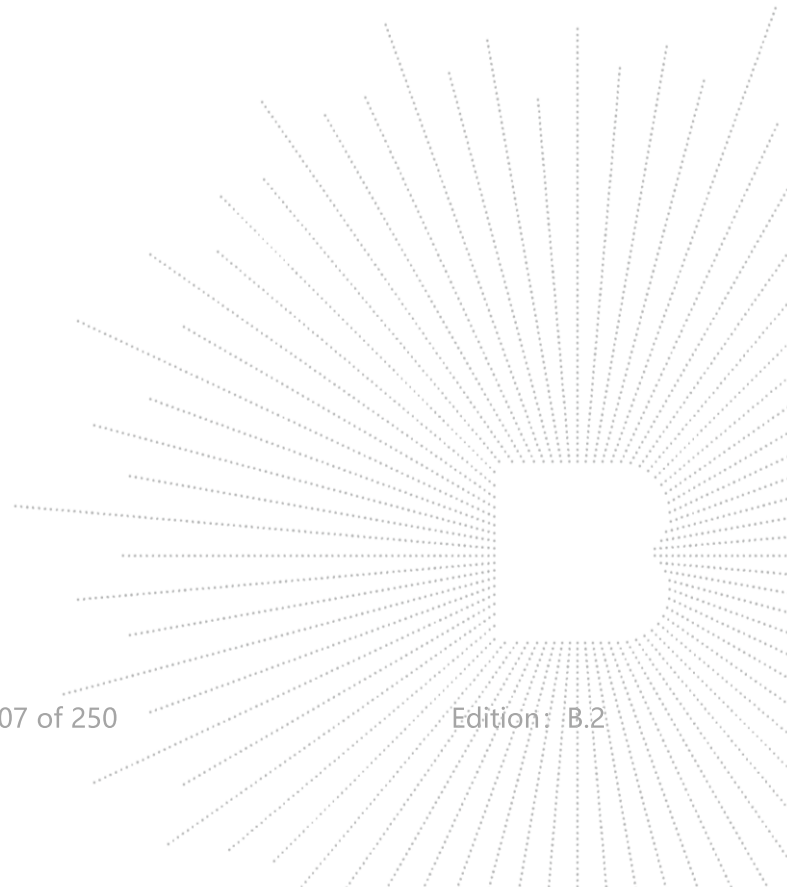
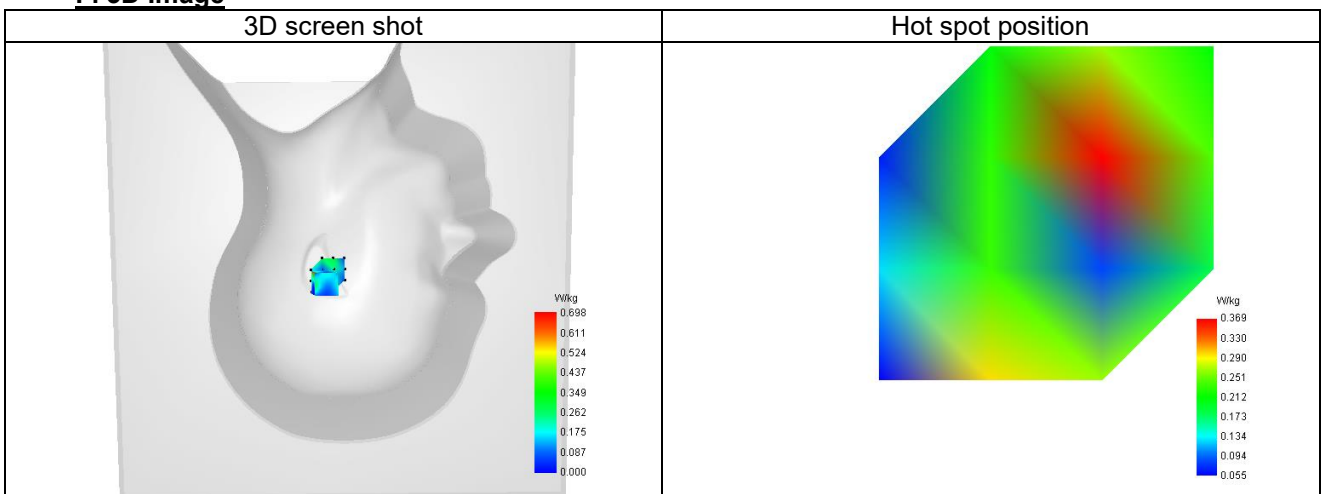
Maximum location: X=12.00, Y=14.00 ; SAR Peak: 1.58 W/kg

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

SAR 10g (W/Kg)	0.167
SAR 1g (W/Kg)	0.413
Variation (%)	-0.920
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	1.332	0.429	0.112	0.039	0.077	0.110	0.355	0.118	0.102


**F. 3D Image**


**Plot 3**

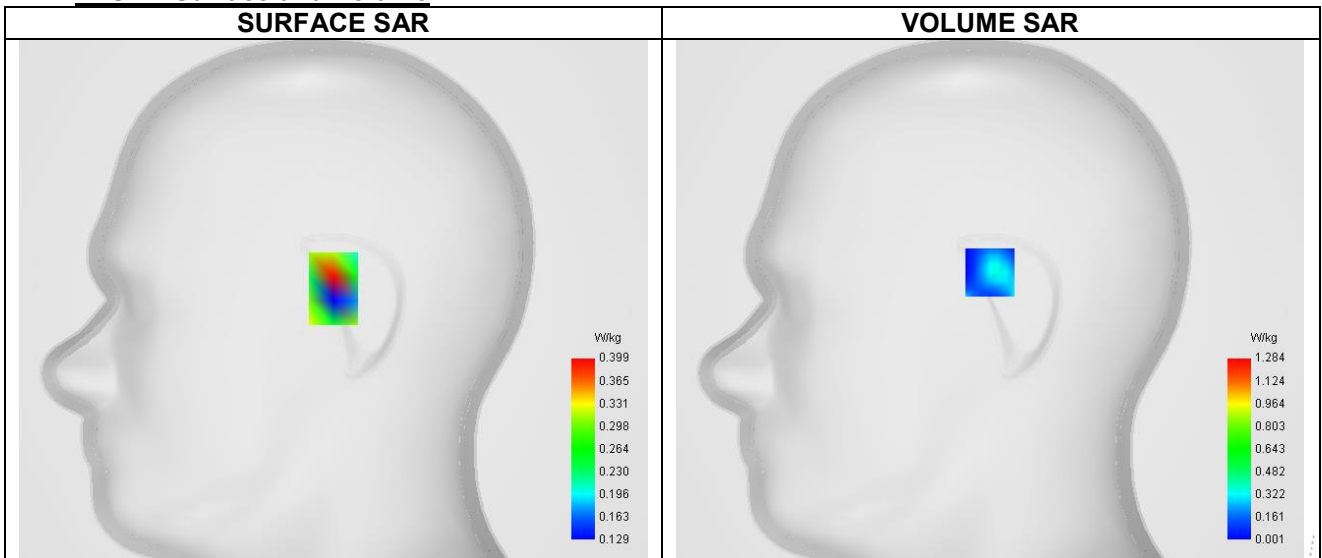
Date of measurement: 26/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.15
Area Scan	dx=12mm dy=12mm, Adaptative 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm
Phantom	Left head
Device Position	Cheek
Band	5800
Signal	--

**B. Permittivity**

Frequency (MHz)	5825.000
Relative permittivity (real part)	35.685
Relative permittivity (imaginary part)	16.355
Conductivity (S/m)	5.137

**C. SAR Surface and Volume**


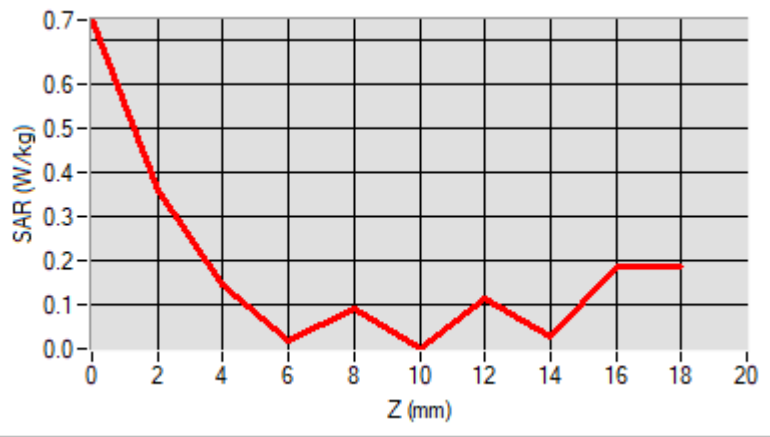
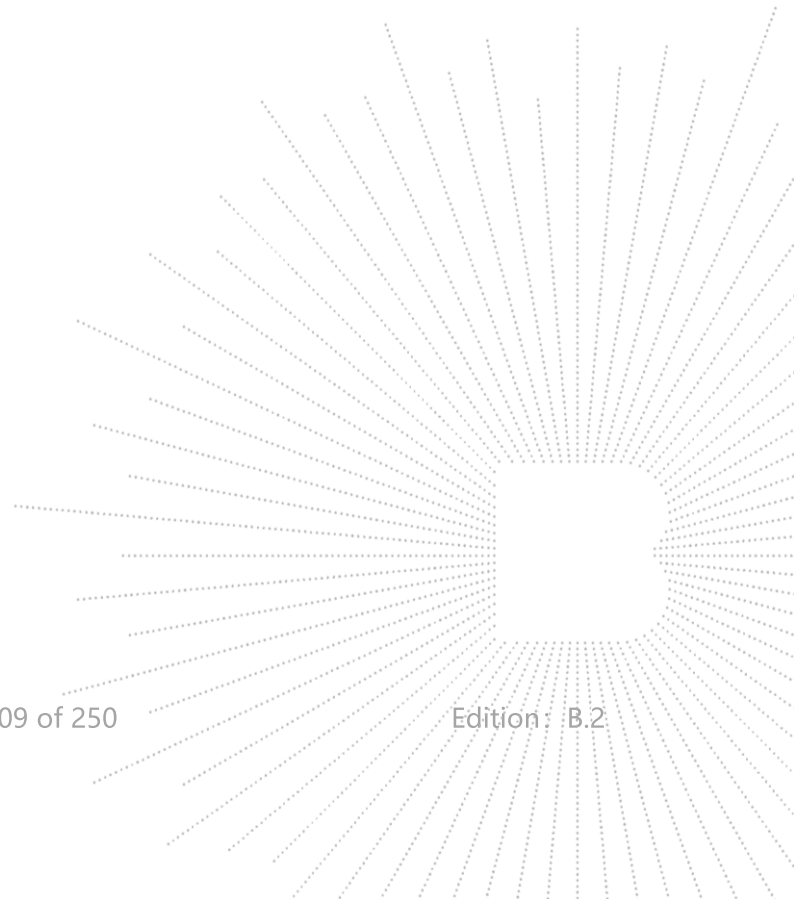
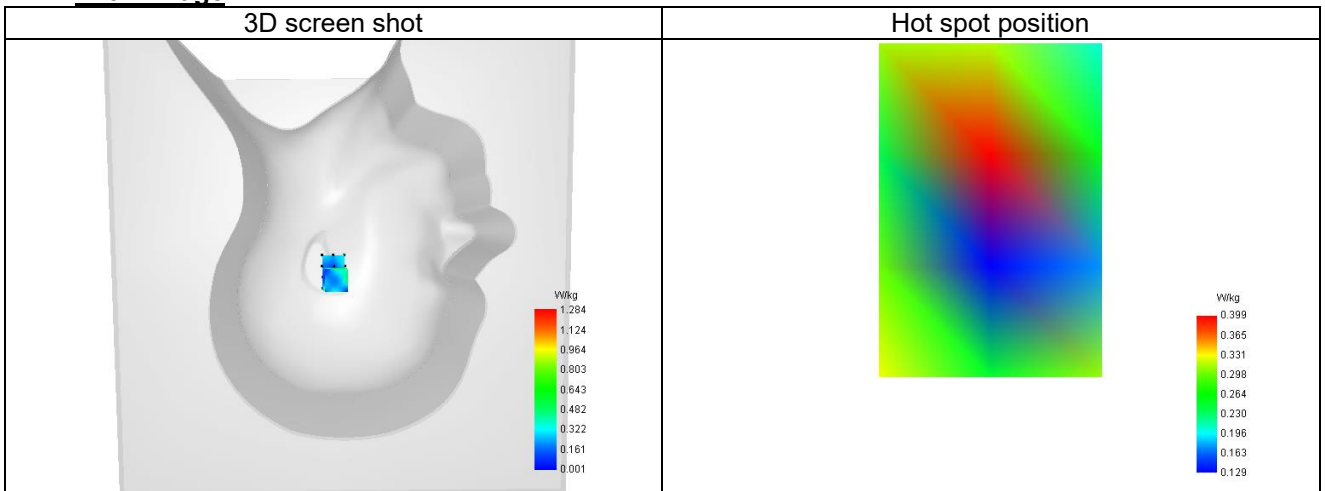
Maximum location: X=0.00, Y=14.00 ; SAR Peak: 1.52 W/kg

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

SAR 10g (W/Kg)	0.277
SAR 1g (W/Kg)	0.509
Variation (%)	-1.330
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.745	0.358	0.146	0.018	0.092	0.001	0.113	0.027	0.189


**F. 3D Image**


**Plot 4**

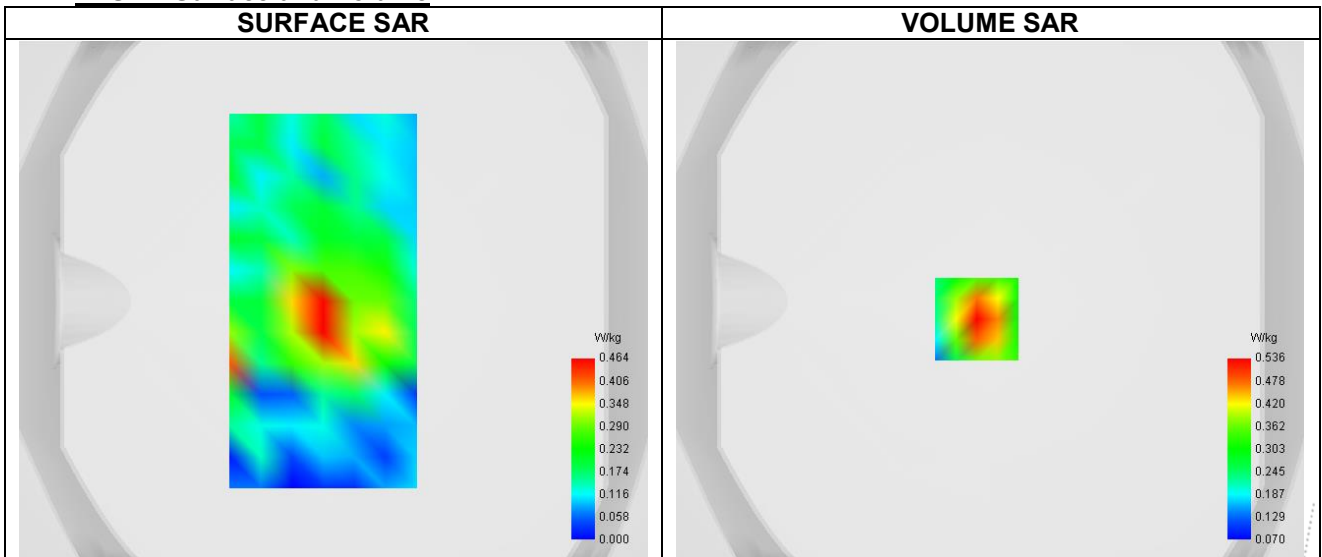
Date of measurement: 25/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	GPRS850
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)

**B. Permittivity**

Frequency (MHz)	824.200
Relative permittivity (real part)	41.848
Relative permittivity (imaginary part)	19.400
Conductivity (S/m)	0.868

**C. SAR Surface and Volume**


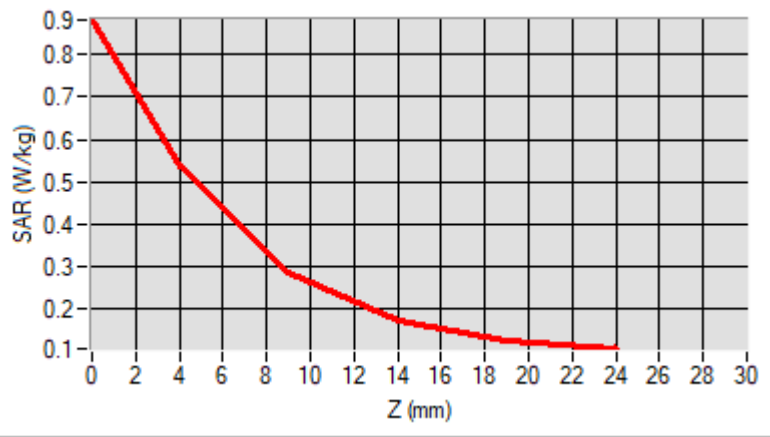
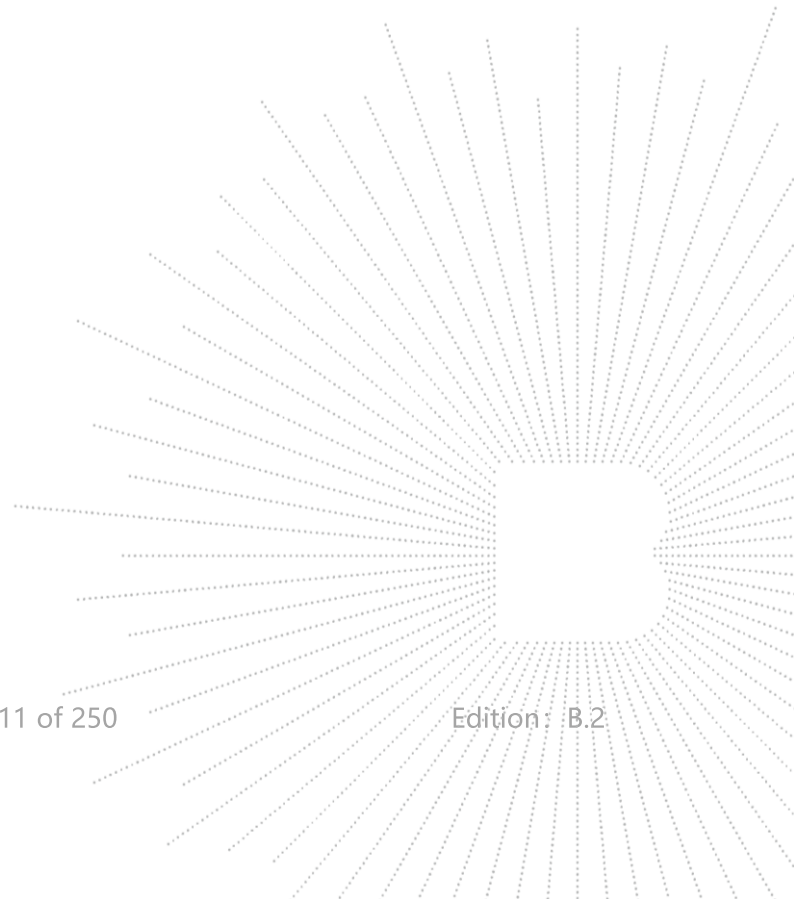
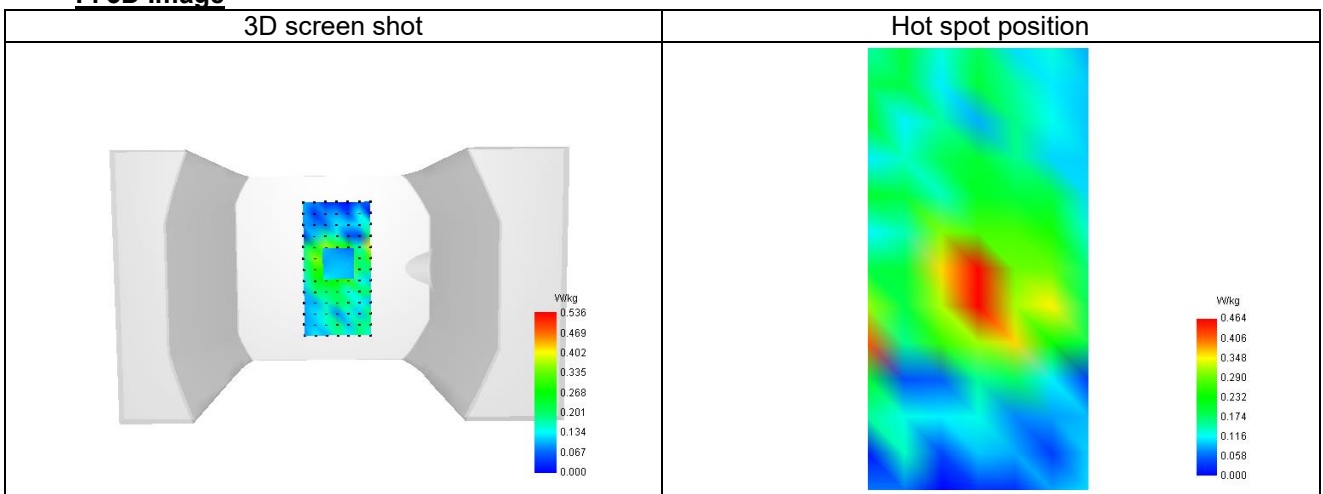
Maximum location: X=-5.00, Y=-7.00 ; SAR Peak: 0.88 W/kg

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

SAR 10g (W/Kg)	0.281
SAR 1g (W/Kg)	0.506
Variation (%)	-1.240
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.880	0.536	0.289	0.173	0.127


**F. 3D Image**


**Plot 5**

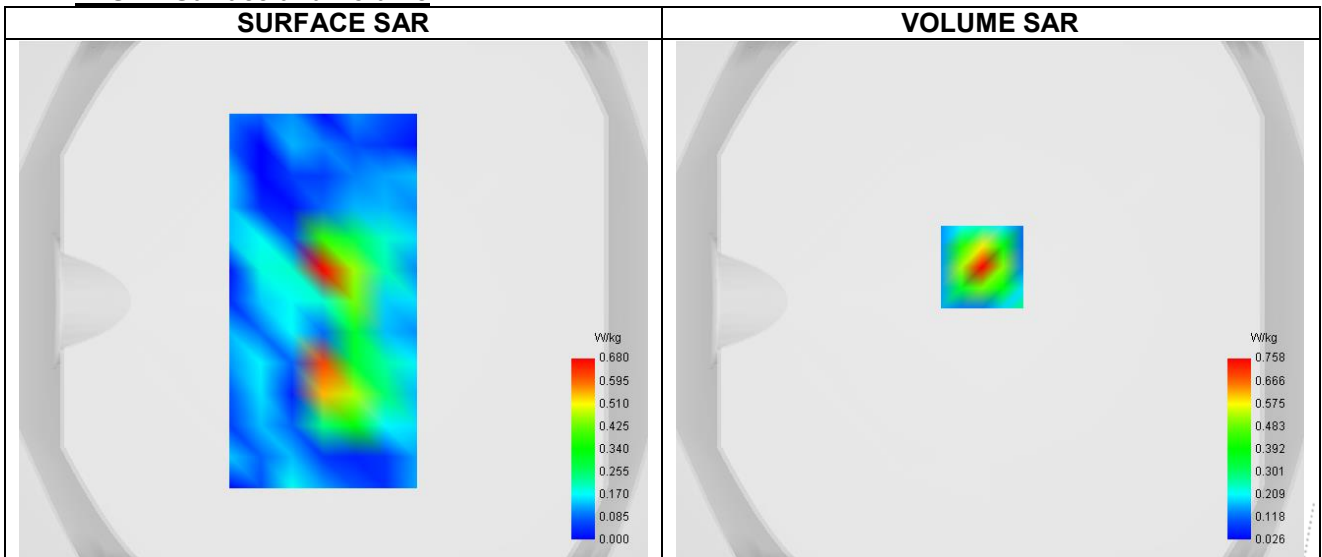
Date of measurement: 25/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)

**B. Permittivity**

Frequency (MHz)	1850.200
Relative permittivity (real part)	38.586
Relative permittivity (imaginary part)	13.408
Conductivity (S/m)	1.440

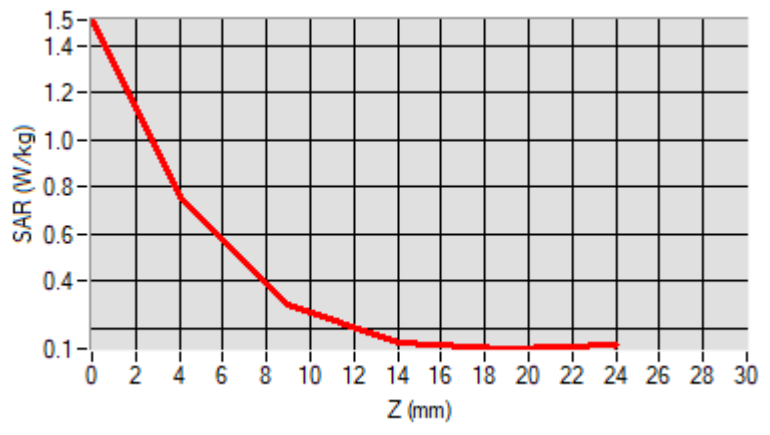
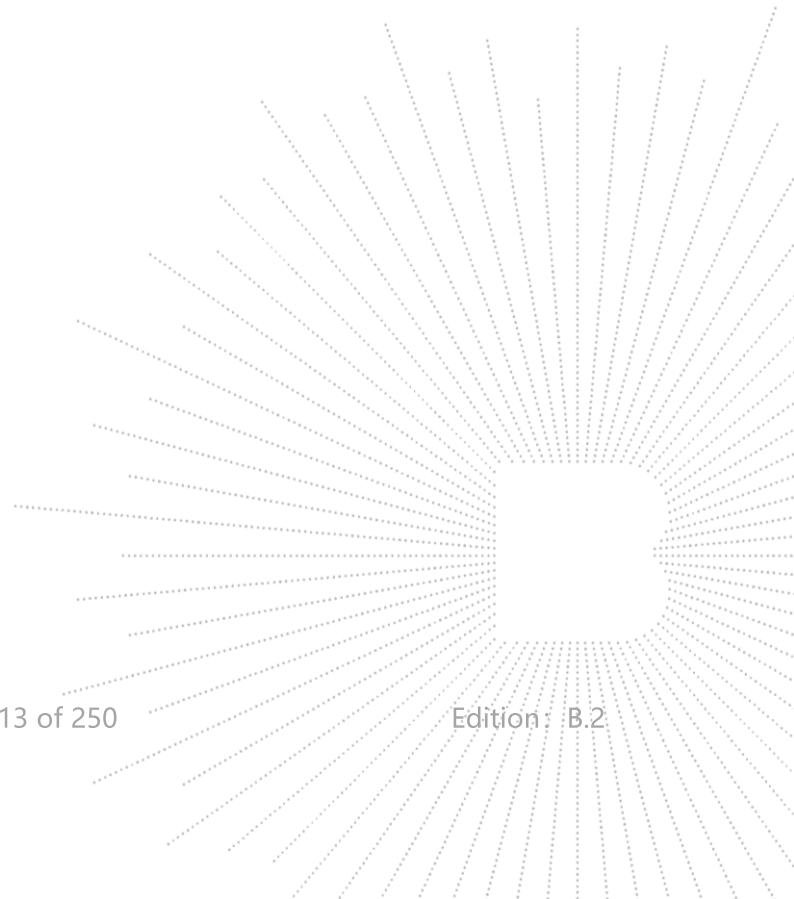
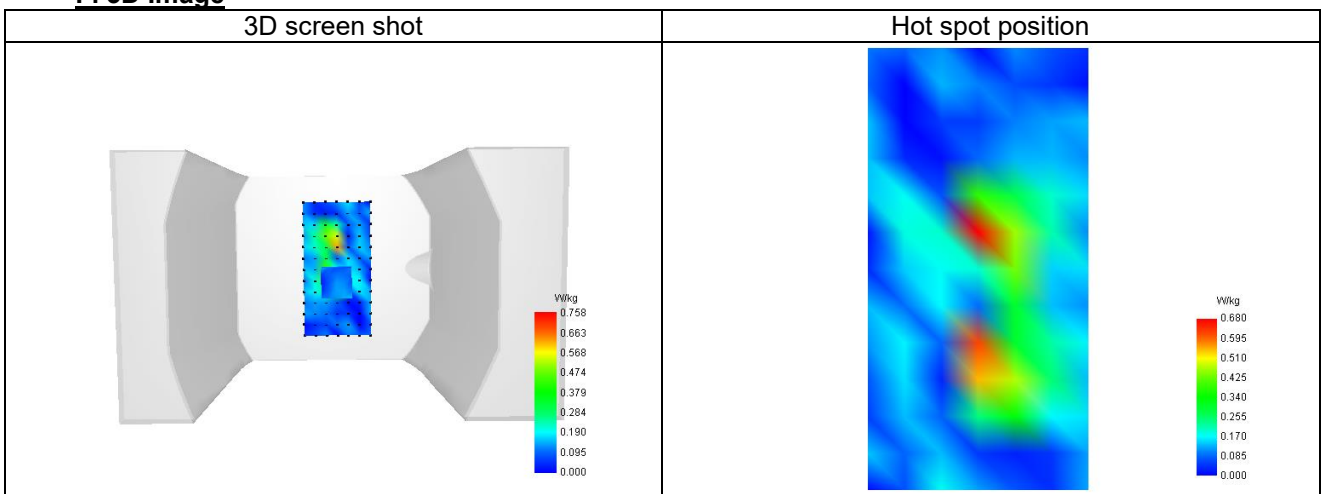
**C. SAR Surface and Volume**

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

SAR 10g (W/Kg)	0.299
SAR 1g (W/Kg)	0.691
Variation (%)	1.530
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.510	0.758	0.300	0.142	0.113




**F. 3D Image**


**Plot 6**

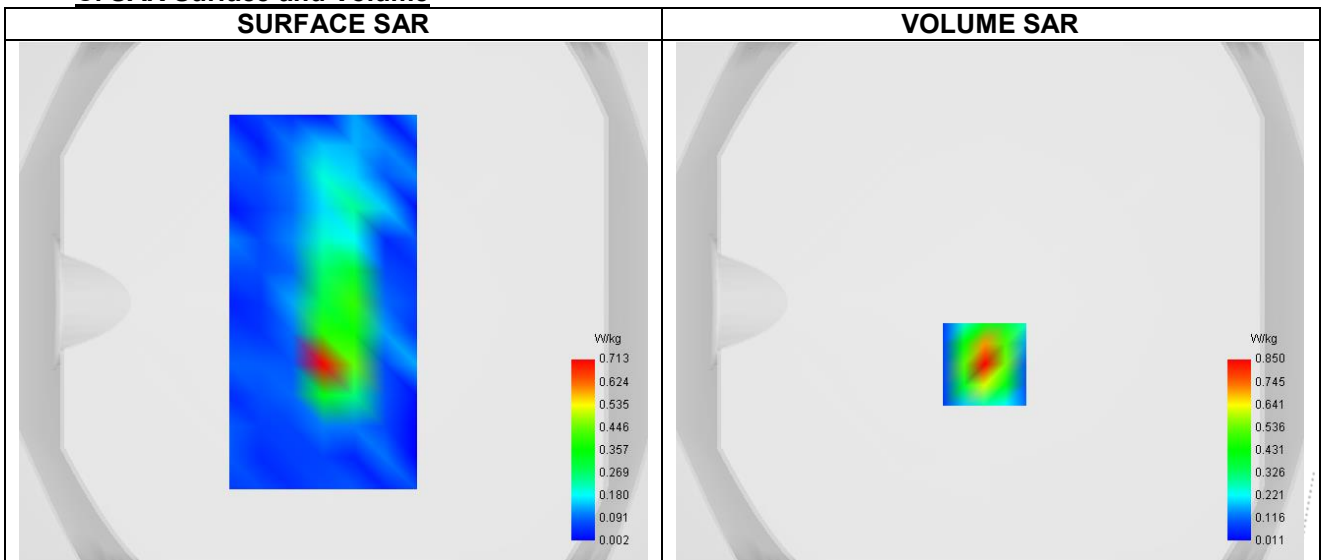
Date of measurement: 25/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

**B. Permittivity**

Frequency (MHz)	1880.000
Relative permittivity (real part)	38.586
Relative permittivity (imaginary part)	13.408
Conductivity (S/m)	1.440

**C. SAR Surface and Volume**


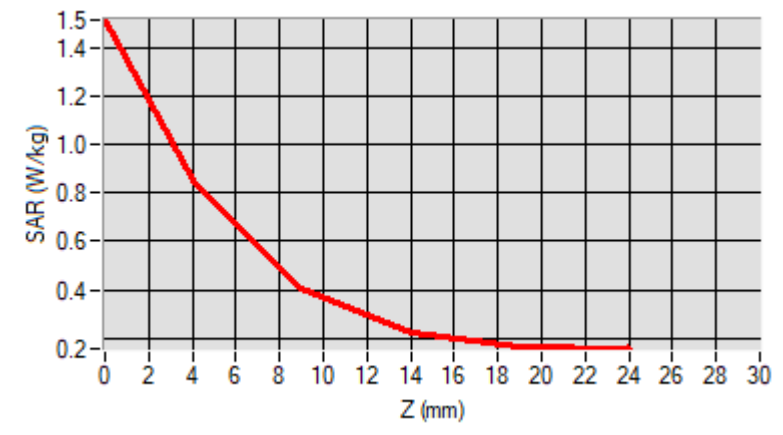
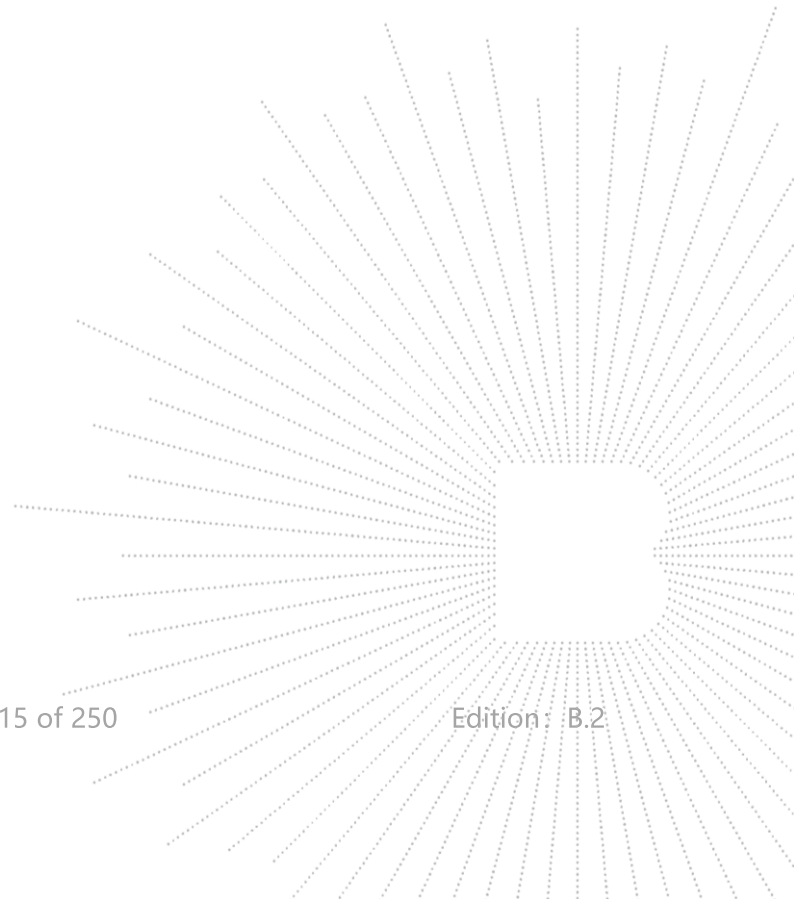
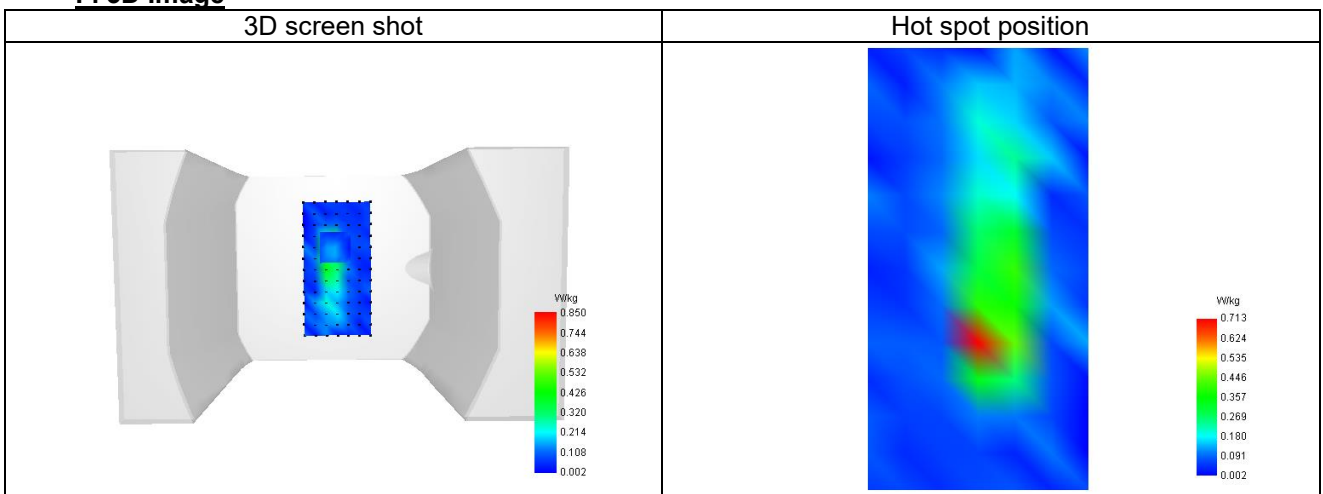
Maximum location: X=-2.00, Y=-24.00 ; SAR Peak: 1.51 W/kg

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

SAR 10g (W/Kg)	0.361
SAR 1g (W/Kg)	0.769
Variation (%)	-4.570
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.512	0.850	0.407	0.224	0.168


**F. 3D Image**


**Plot 7**

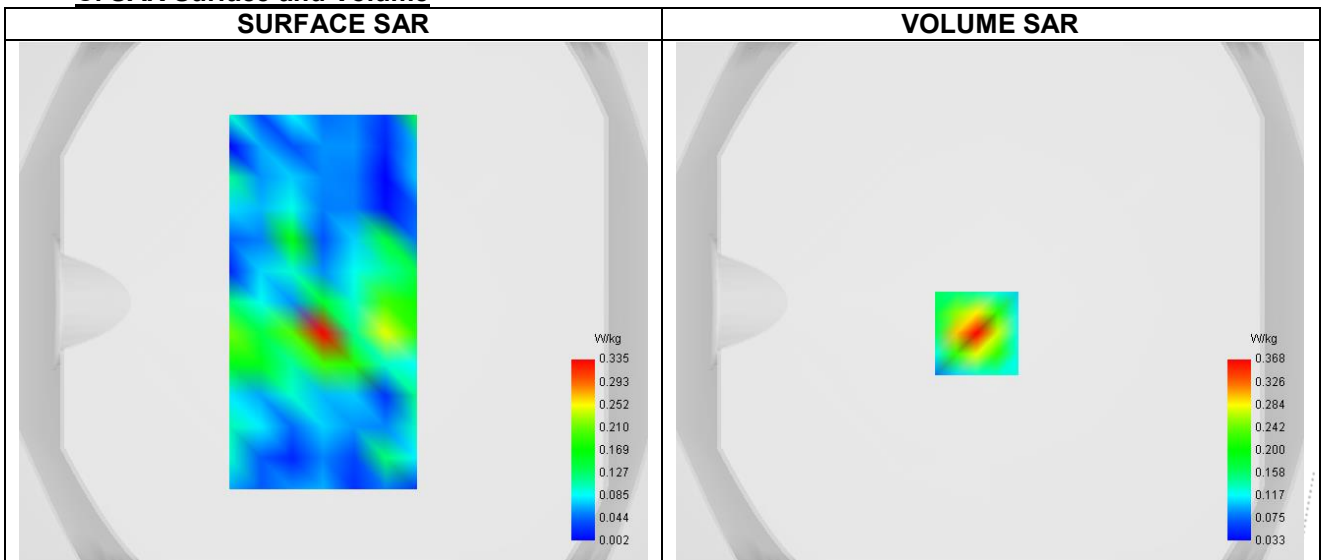
Date of measurement: 24/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.96
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

**B. Permittivity**

Frequency (MHz)	1712.400
Relative permittivity (real part)	38.952
Relative permittivity (imaginary part)	14.136
Conductivity (S/m)	1.351

**C. SAR Surface and Volume**


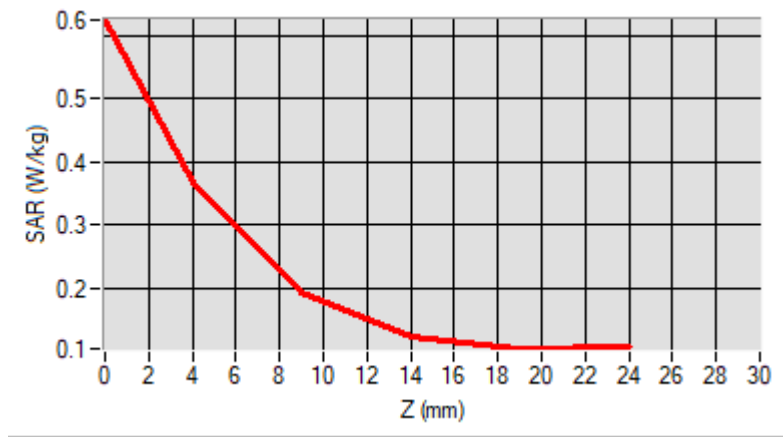
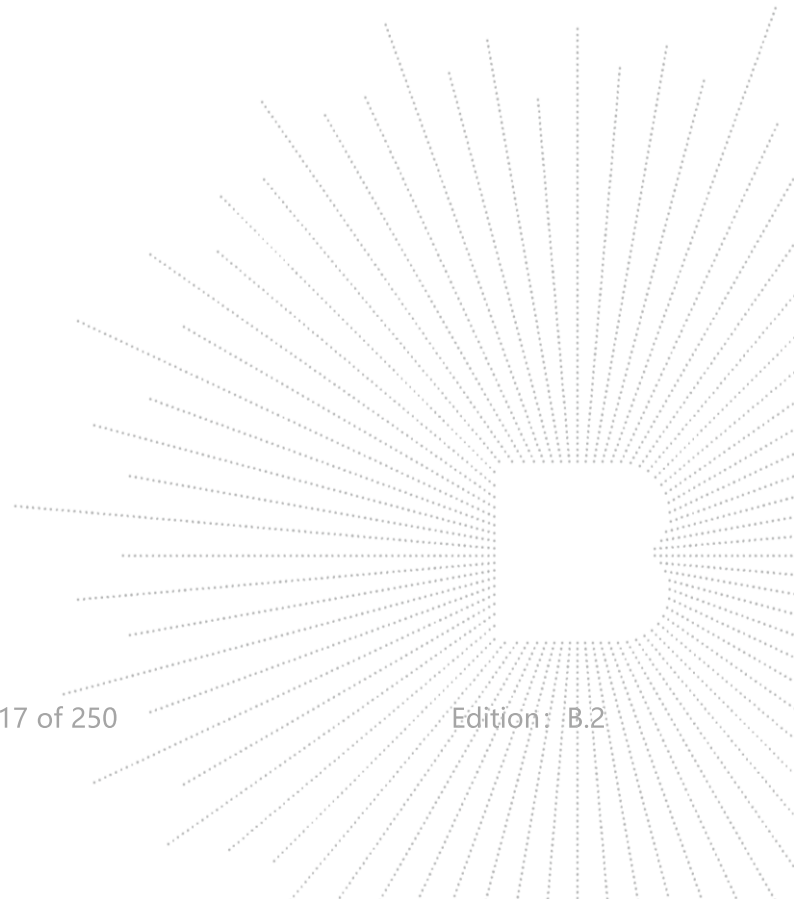
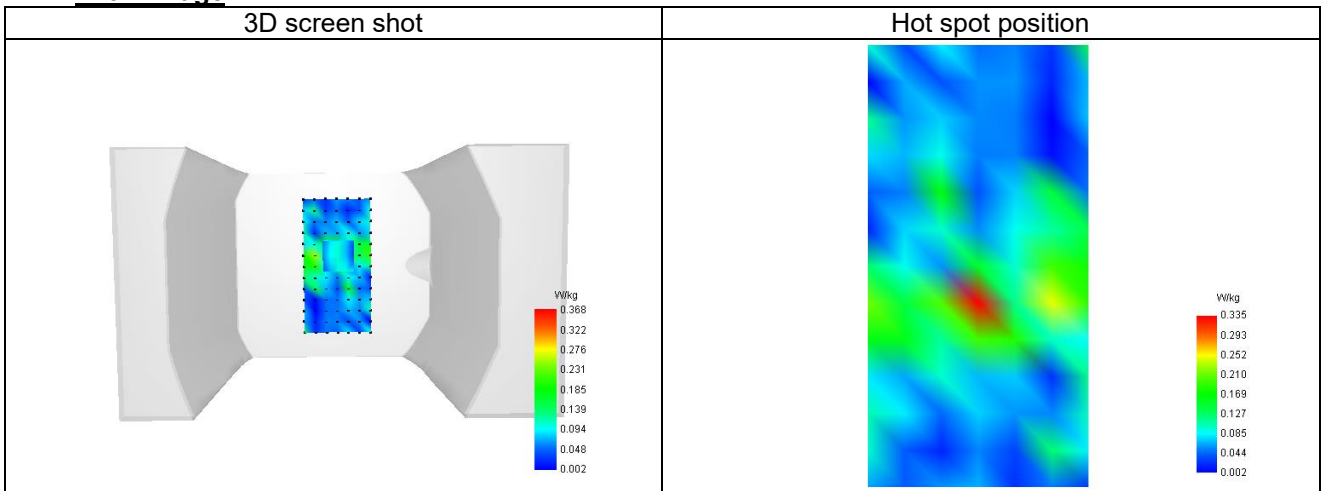
Maximum location: X=-5.00, Y=-12.00 ; SAR Peak: 0.63 W/kg

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

SAR 10g (W/Kg)	0.183
SAR 1g (W/Kg)	0.340
Variation (%)	2.650
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.625	0.368	0.193	0.121	0.103


**F. 3D Image**


**Plot 8**

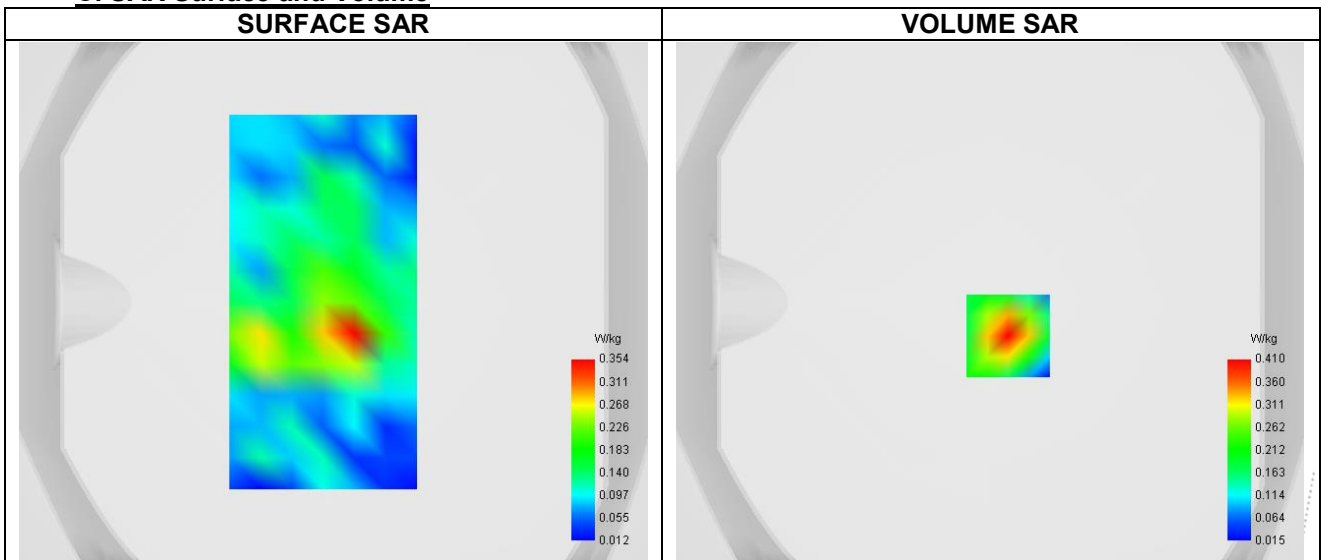
Date of measurement: 23/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

**B. Permittivity**

Frequency (MHz)	836.400
Relative permittivity (real part)	41.848
Relative permittivity (imaginary part)	19.400
Conductivity (S/m)	0.868

**C. SAR Surface and Volume**


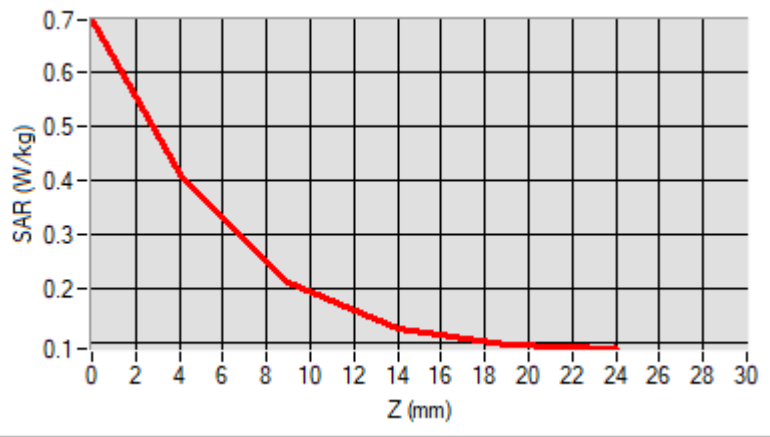
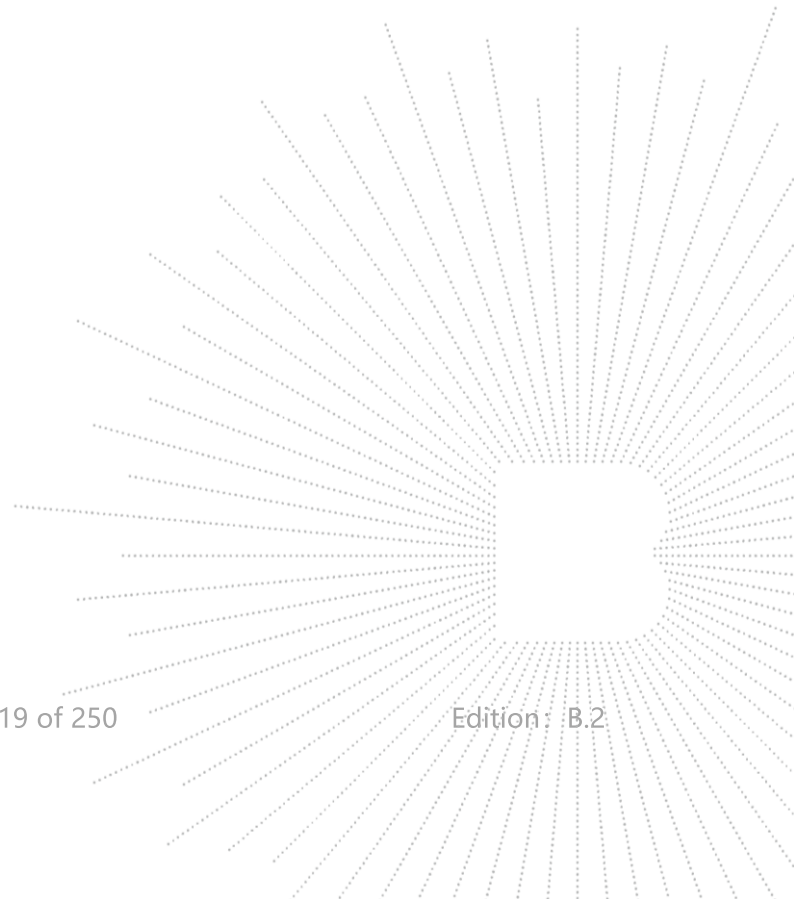
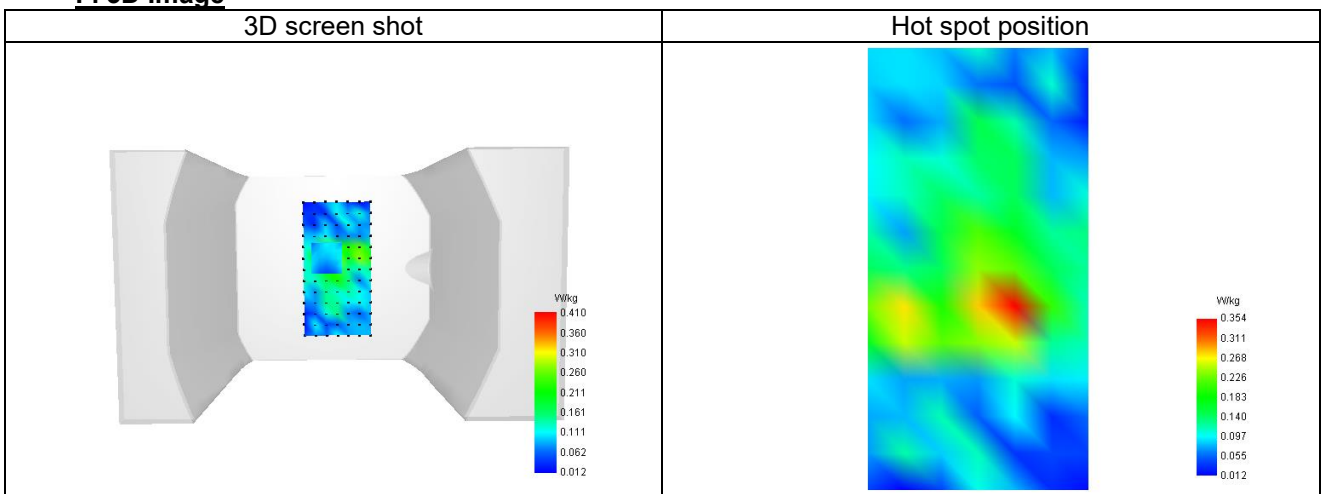
Maximum location: X=7.00, Y=-13.00 ; SAR Peak: 0.70 W/kg

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

SAR 10g (W/Kg)	0.200
SAR 1g (W/Kg)	0.380
Variation (%)	4.270
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.697	0.410	0.211	0.124	0.096


**F. 3D Image**


**Plot 9**

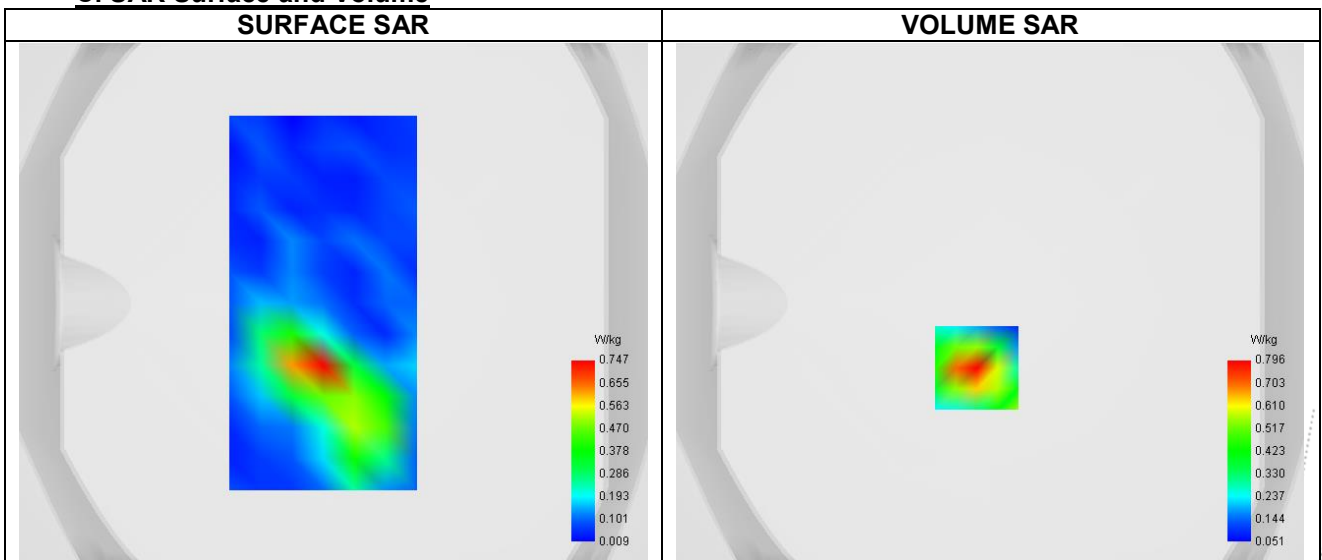
Date of measurement: 25/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	1880.000
Relative permittivity (real part)	38.586
Relative permittivity (imaginary part)	13.455
Conductivity (S/m)	1.440

**C. SAR Surface and Volume**


Maximum location: X=-5.00, Y=-25.00 ; SAR Peak: 1.34 W/kg

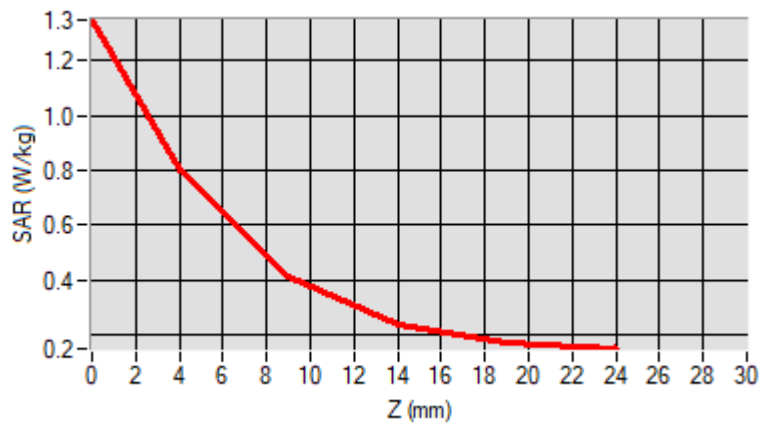
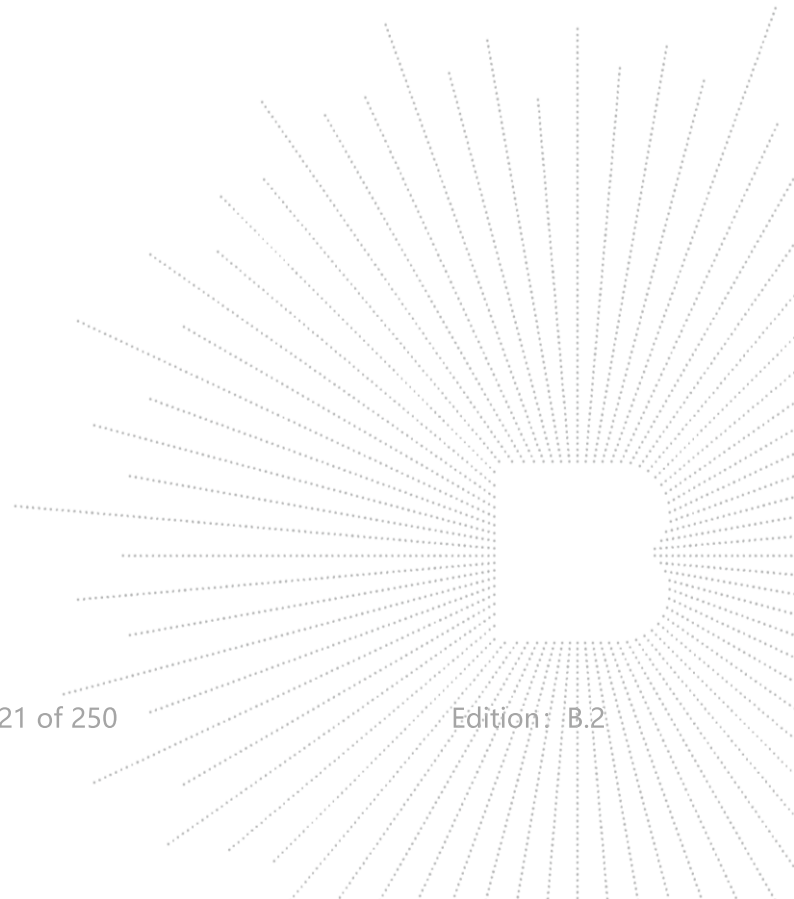
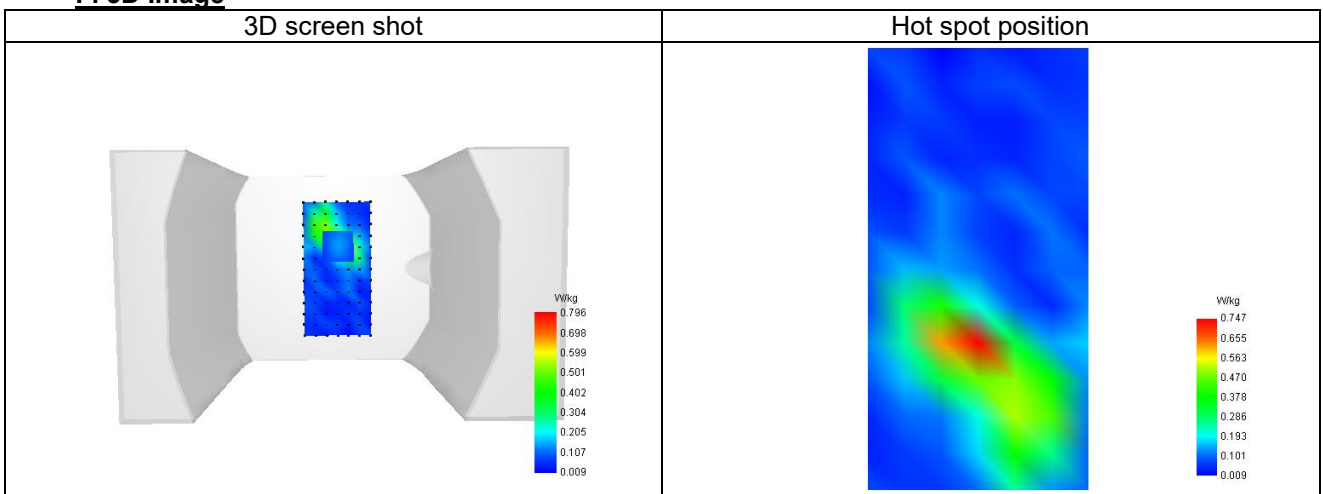
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.387
SAR 1g (W/Kg)	0.741
Variation (%)	-2.420
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.347	0.796	0.410	0.237	0.174




**F. 3D Image**


**Plot 10**

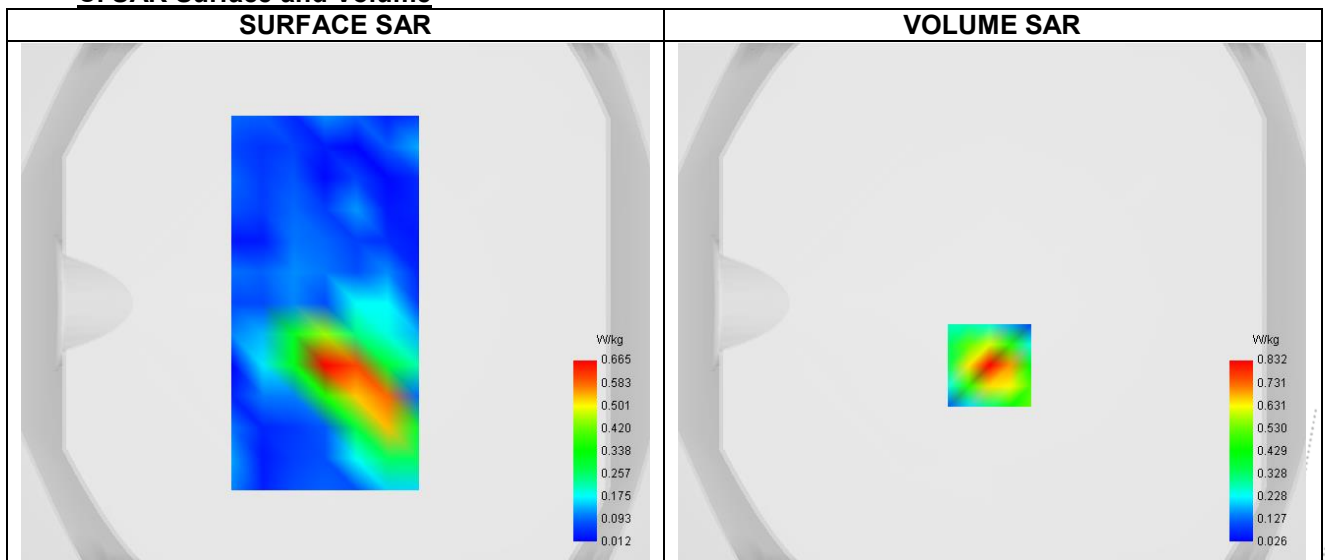
Date of measurement: 24/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.96
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	1732.500
Relative permittivity (real part)	38.952
Relative permittivity (imaginary part)	14.153
Conductivity (S/m)	1.351

**C. SAR Surface and Volume**


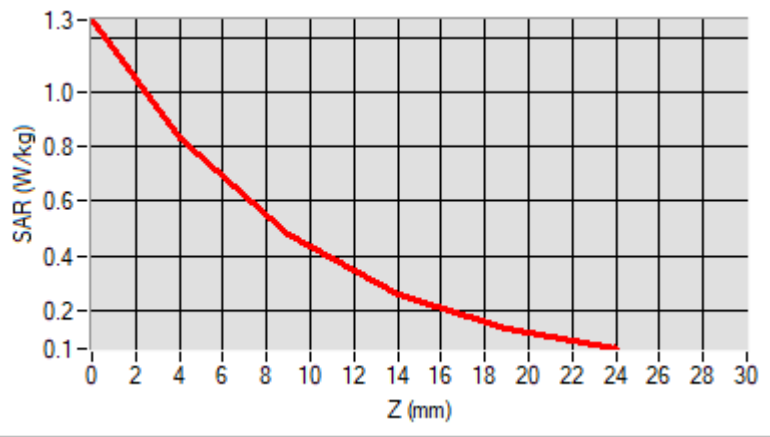
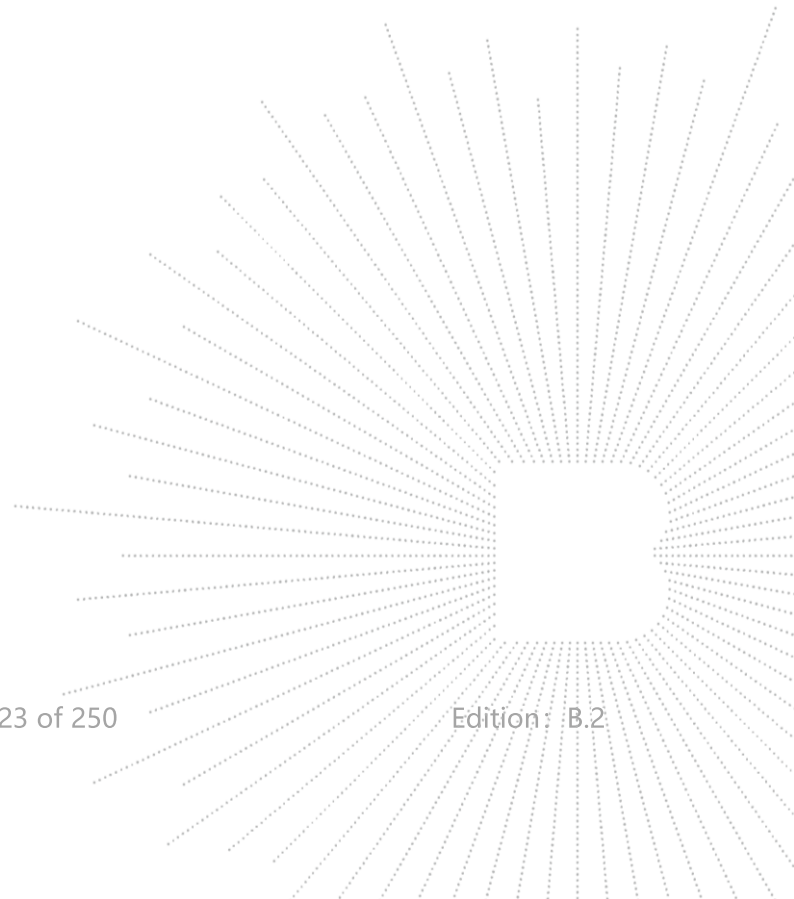
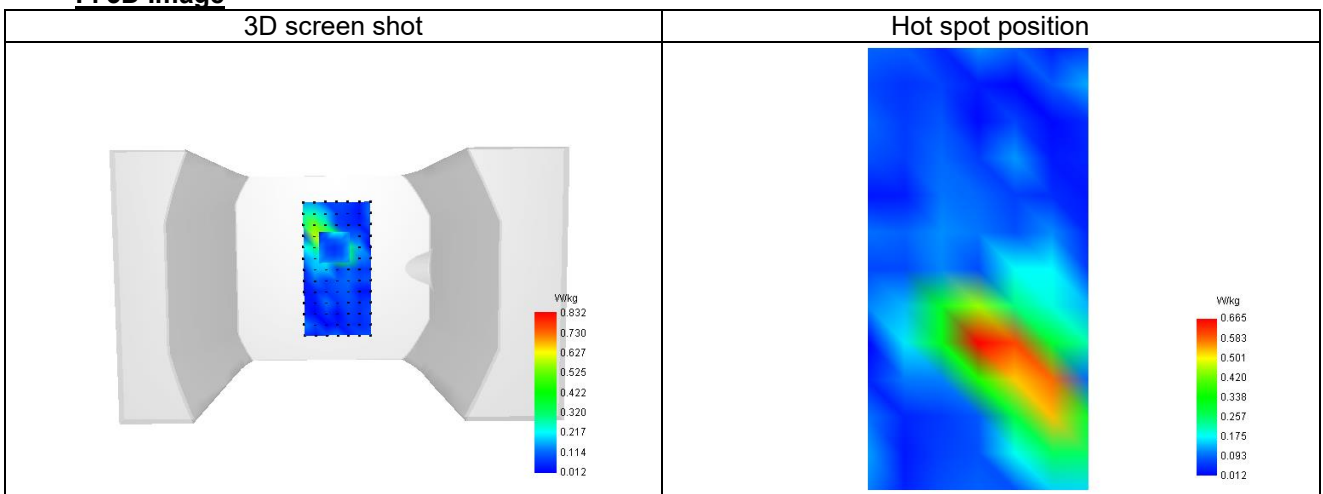
Maximum location: X=-1.00, Y=-24.00 ; SAR Peak: 1.28 W/kg

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

SAR 10g (W/Kg)	0.394
SAR 1g (W/Kg)	0.761
Variation (%)	4.100
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.262	0.832	0.475	0.260	0.136


**F. 3D Image**


**Plot 11**

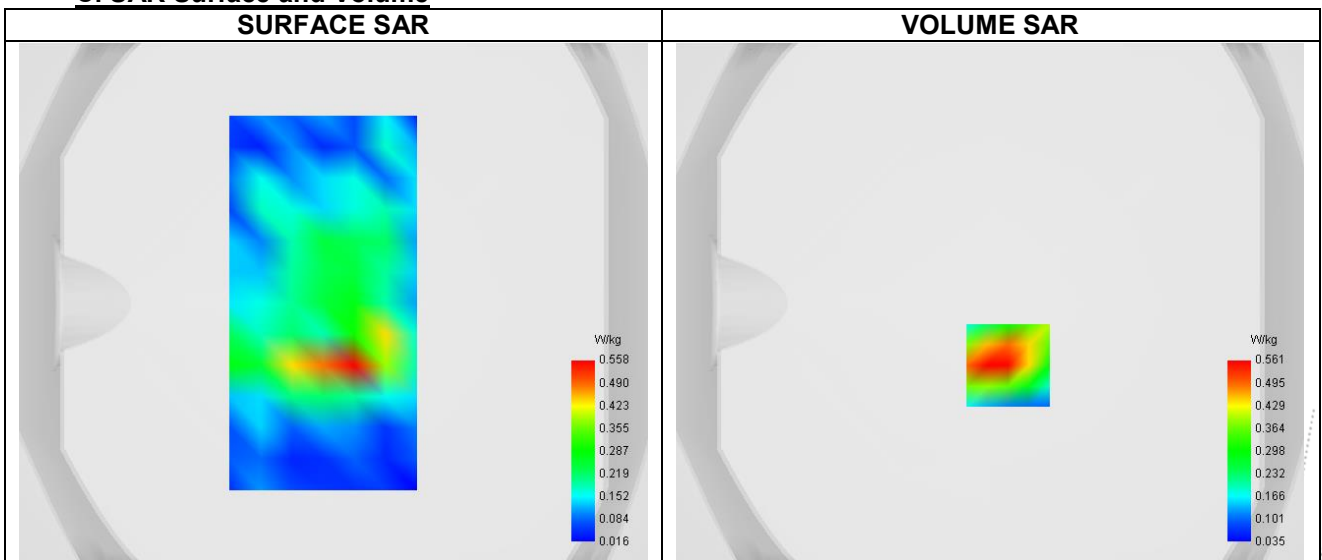
Date of measurement: 23/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	844.000
Relative permittivity (real part)	41.848
Relative permittivity (imaginary part)	19.407
Conductivity (S/m)	0.868

**C. SAR Surface and Volume**


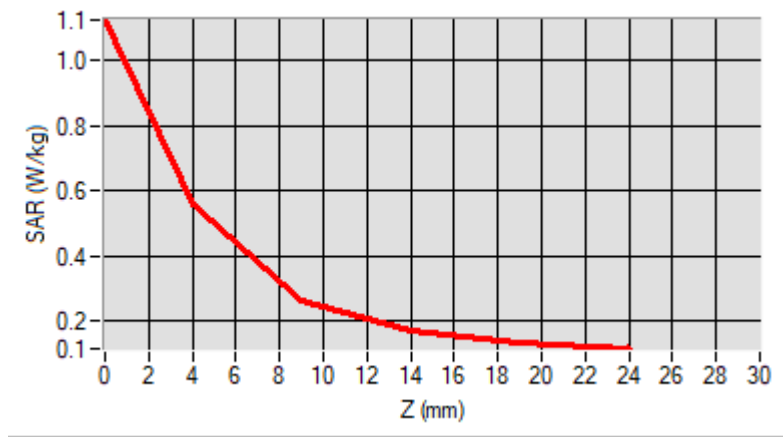
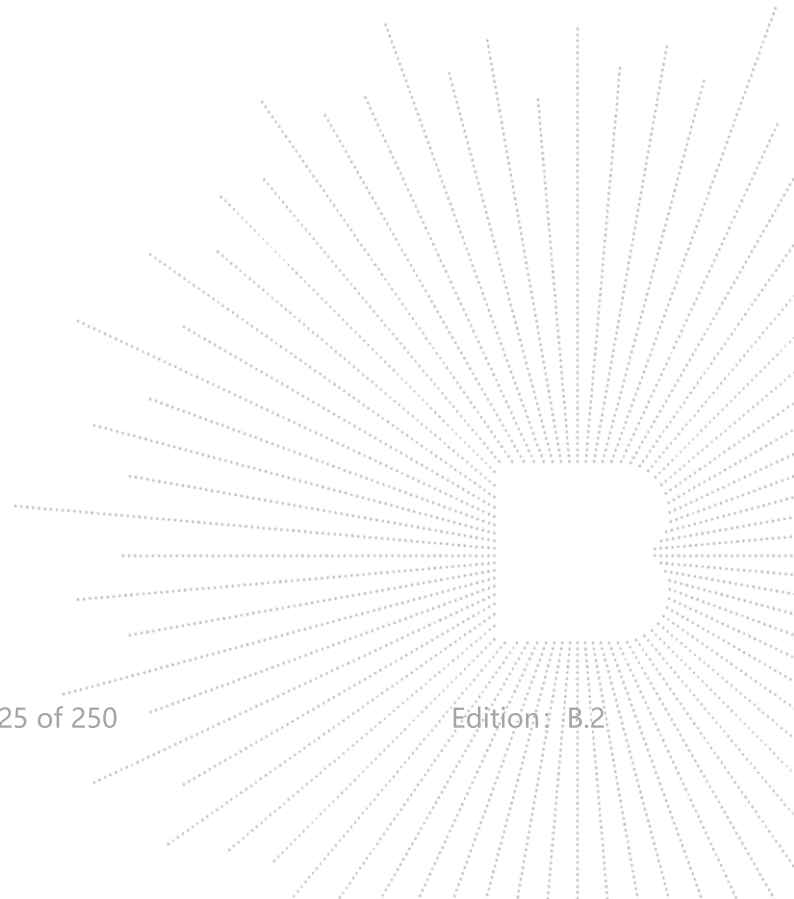
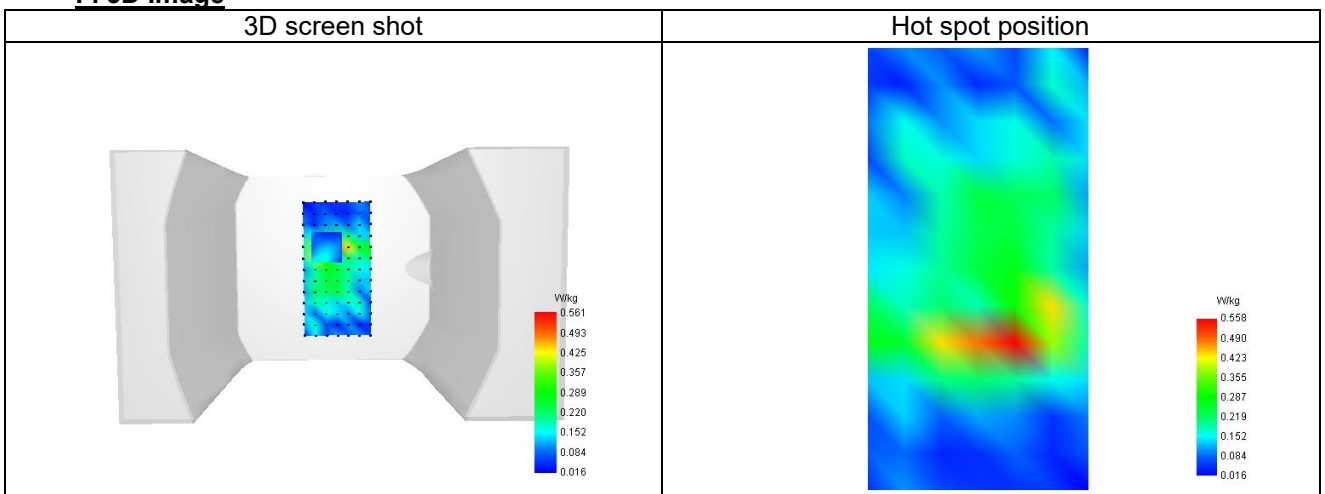
Maximum location: X=7.00, Y=-24.00 ; SAR Peak: 0.97 W/kg

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

SAR 10g (W/Kg)	0.295
SAR 1g (W/Kg)	0.540
Variation (%)	1.440
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.126	0.561	0.266	0.174	0.133


**F. 3D Image**


**Plot 12**

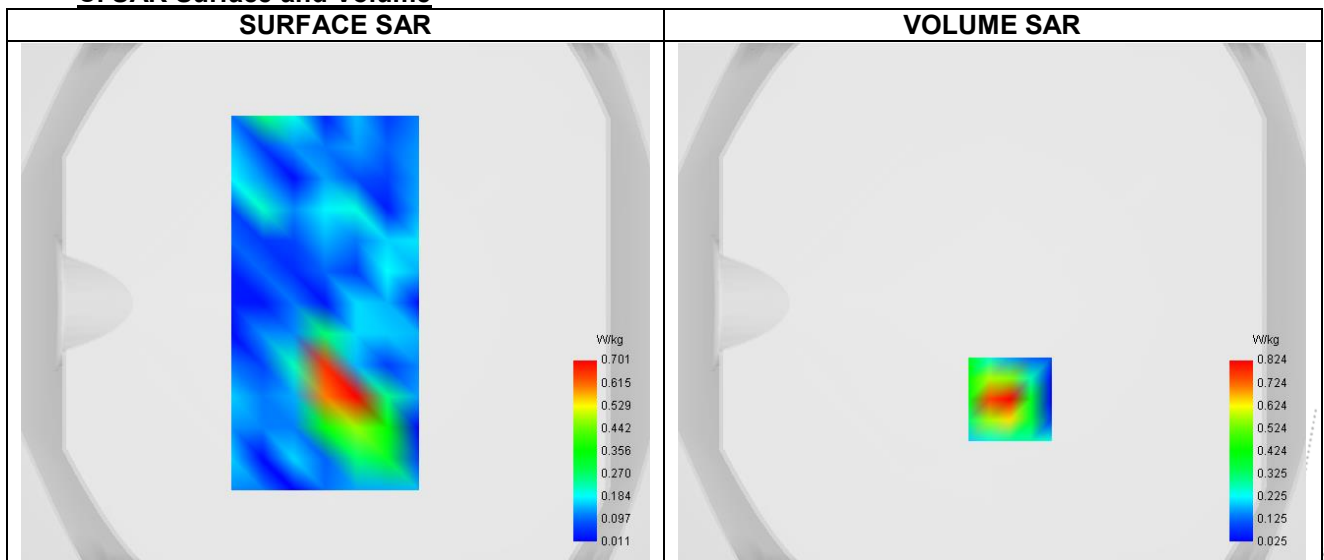
Date of measurement: 20/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.03
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	2535.000
Relative permittivity (real part)	38.624
Relative permittivity (imaginary part)	13.404
Conductivity (S/m)	1.998

**C. SAR Surface and Volume**


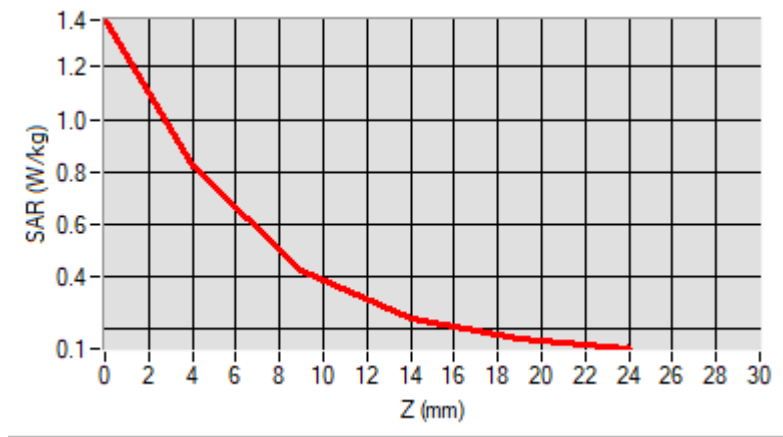
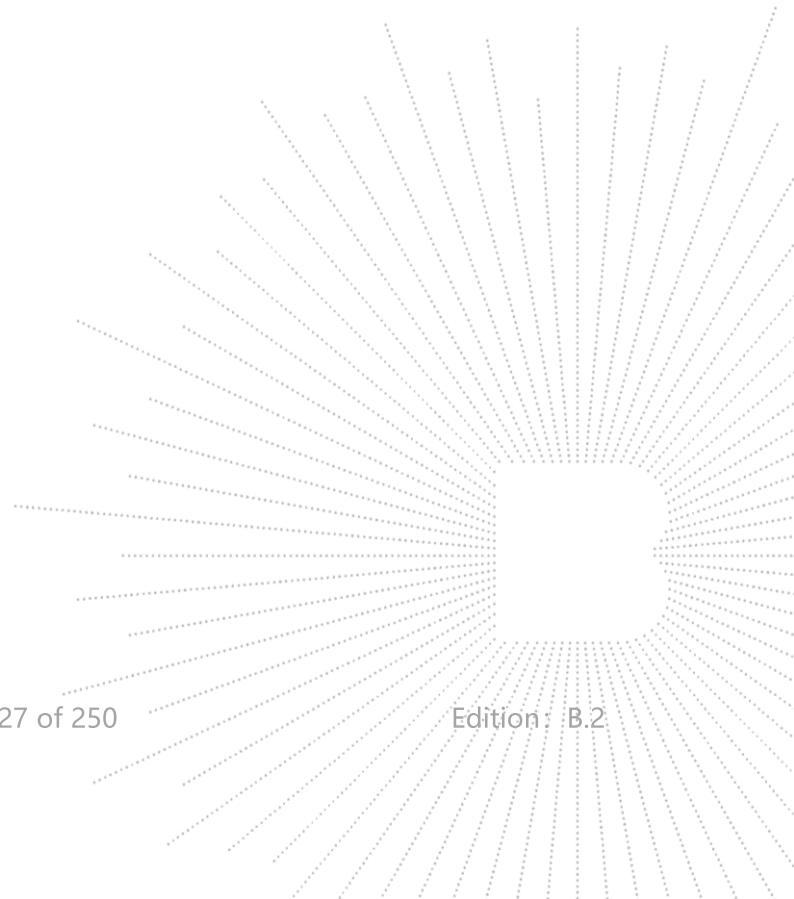
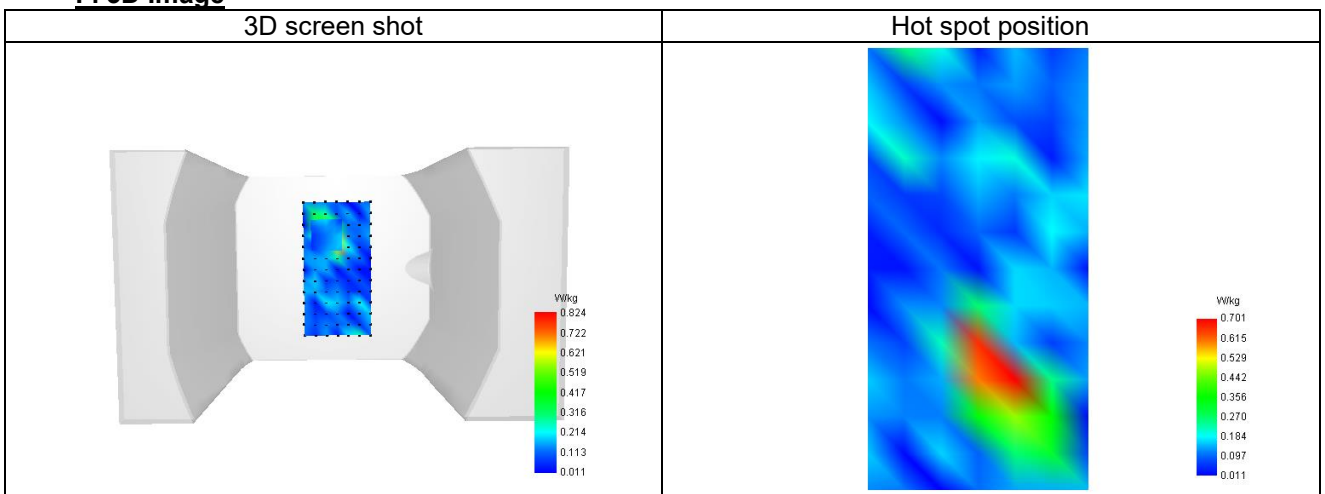
Maximum location: X=7.00, Y=-37.00 ; SAR Peak: 1.55 W/kg

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

SAR 10g (W/Kg)	0.374
SAR 1g (W/Kg)	0.789
Variation (%)	-2.240
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.378	0.824	0.427	0.240	0.163


**F. 3D Image**


**Plot 13**

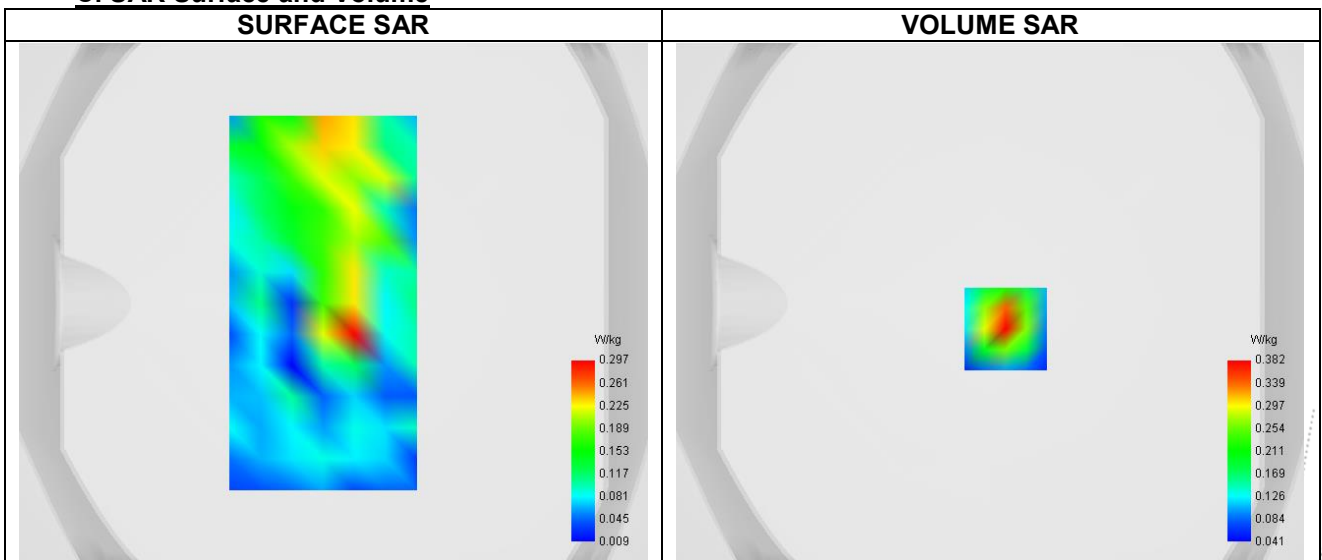
Date of measurement: 20/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.80
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	711.000
Relative permittivity (real part)	40.930
Relative permittivity (imaginary part)	23.345
Conductivity (S/m)	0.871

**C. SAR Surface and Volume**


Maximum location: X=6.00, Y=-10.00 ; SAR Peak: 0.79 W/kg

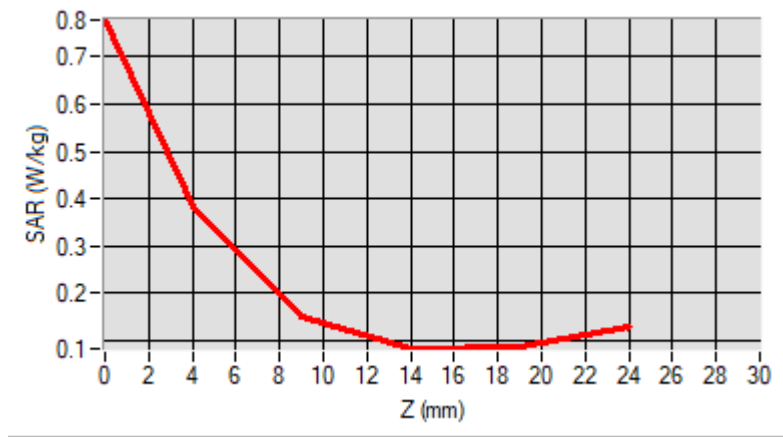
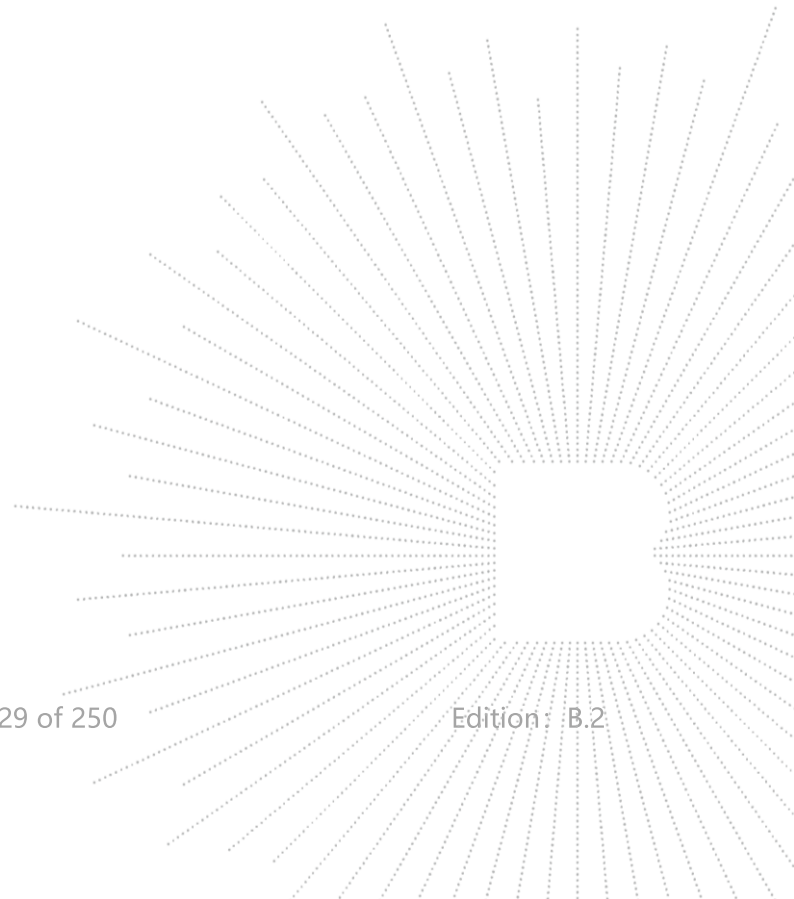
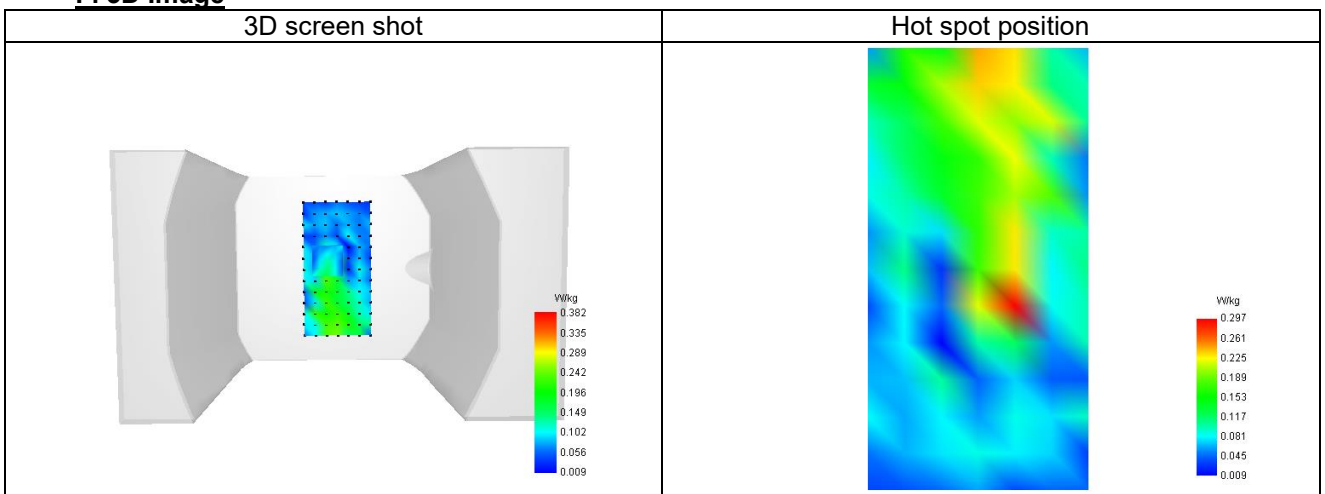
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.177
SAR 1g (W/Kg)	0.373
Variation (%)	1.810
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.778	0.382	0.150	0.082	0.087




**F. 3D Image**


**Plot 14**

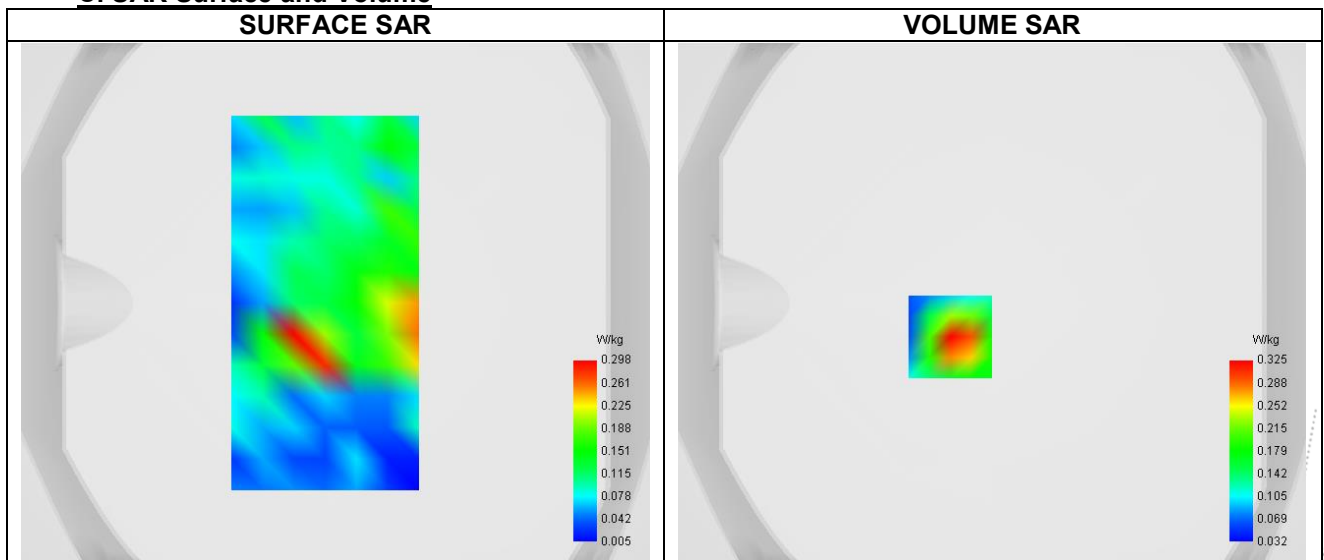
Date of measurement: 20/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.80
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 17
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	711.000
Relative permittivity (real part)	40.930
Relative permittivity (imaginary part)	23.233
Conductivity (S/m)	0.871

**C. SAR Surface and Volume**


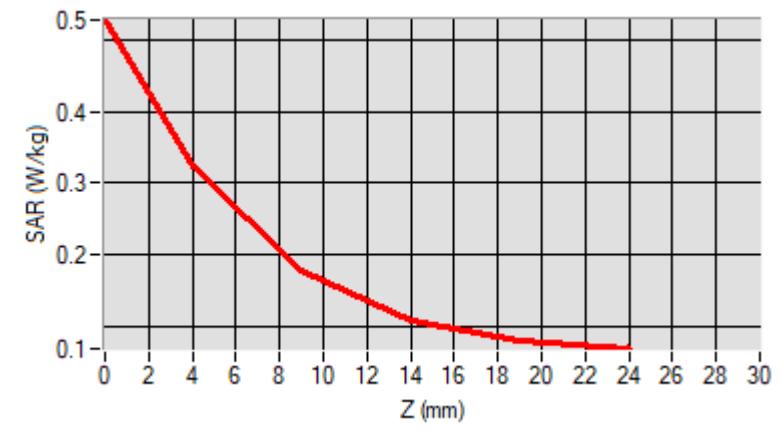
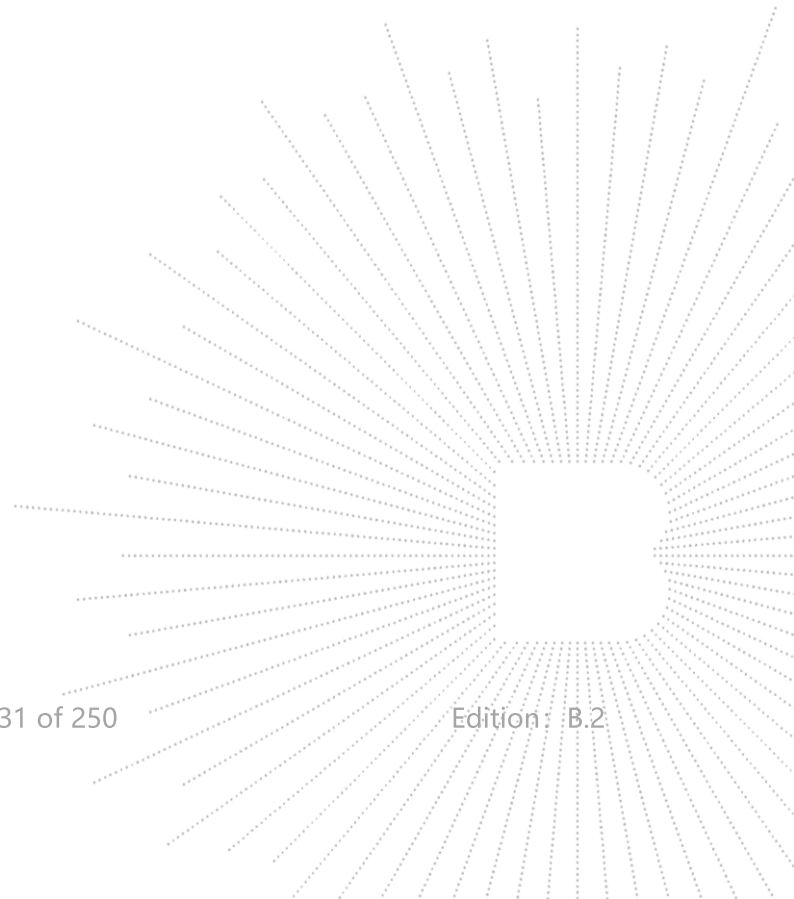
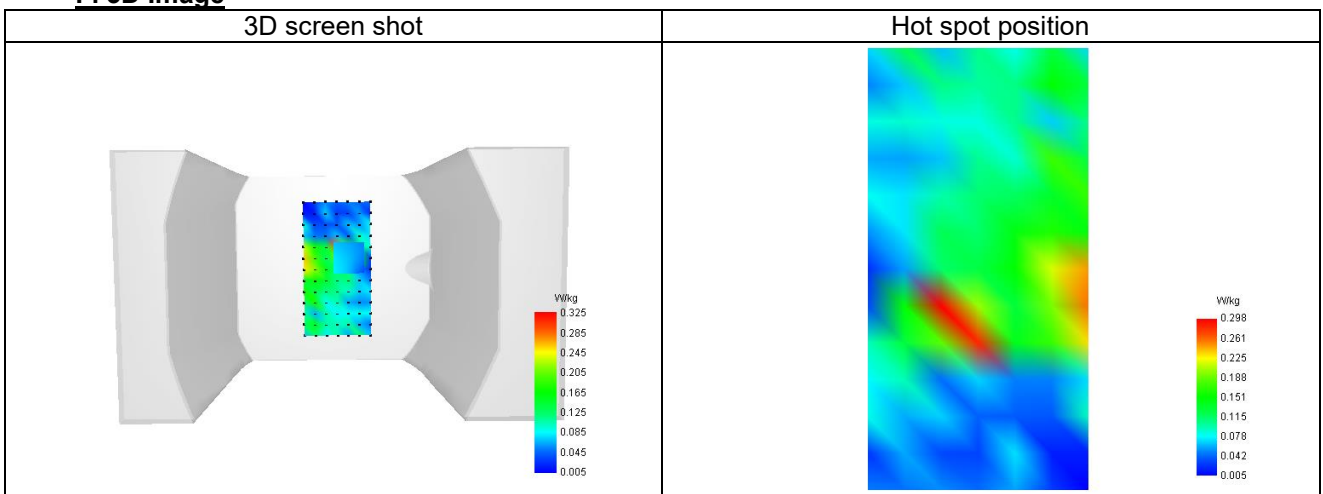
Maximum location: X=-16.00, Y=-13.00 ; SAR Peak: 0.55 W/kg

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

SAR 10g (W/Kg)	0.166
SAR 1g (W/Kg)	0.315
Variation (%)	4.080
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.528	0.325	0.178	0.108	0.080


**F. 3D Image**


**Plot 15**

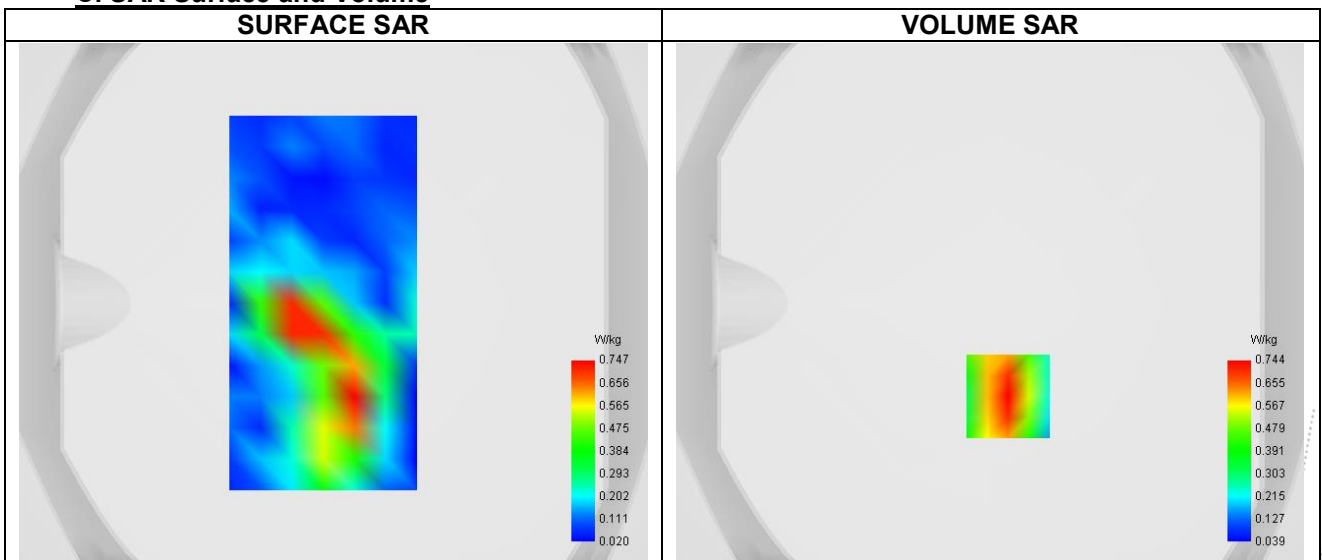
Date of measurement: 25/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	1.04
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	1882.500
Relative permittivity (real part)	38.586
Relative permittivity (imaginary part)	13.436
Conductivity (S/m)	1.440

**C. SAR Surface and Volume**


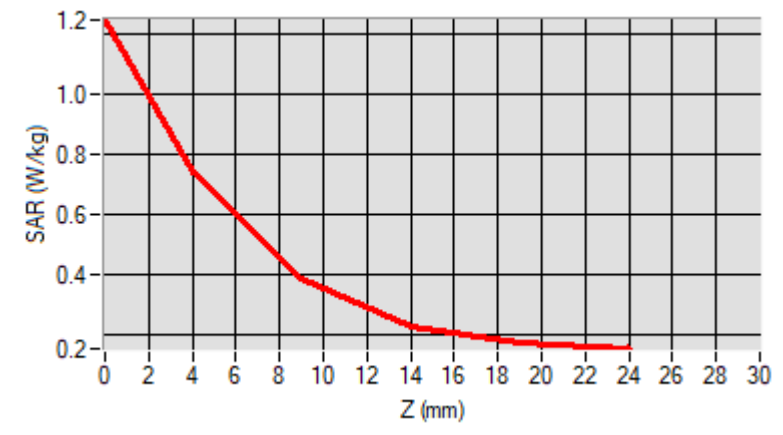
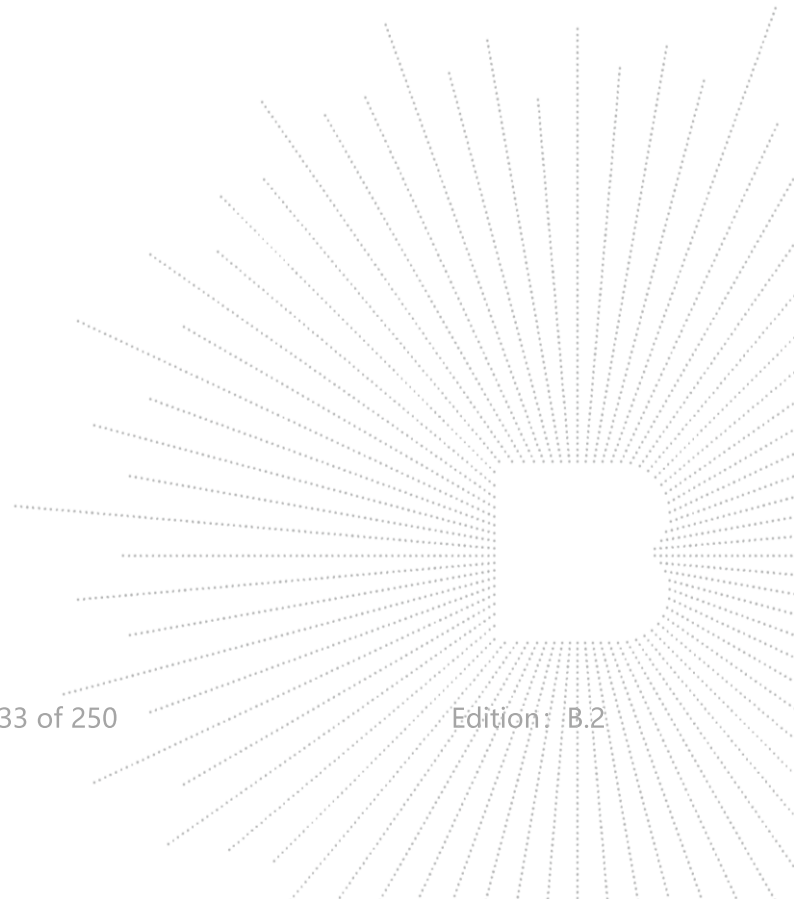
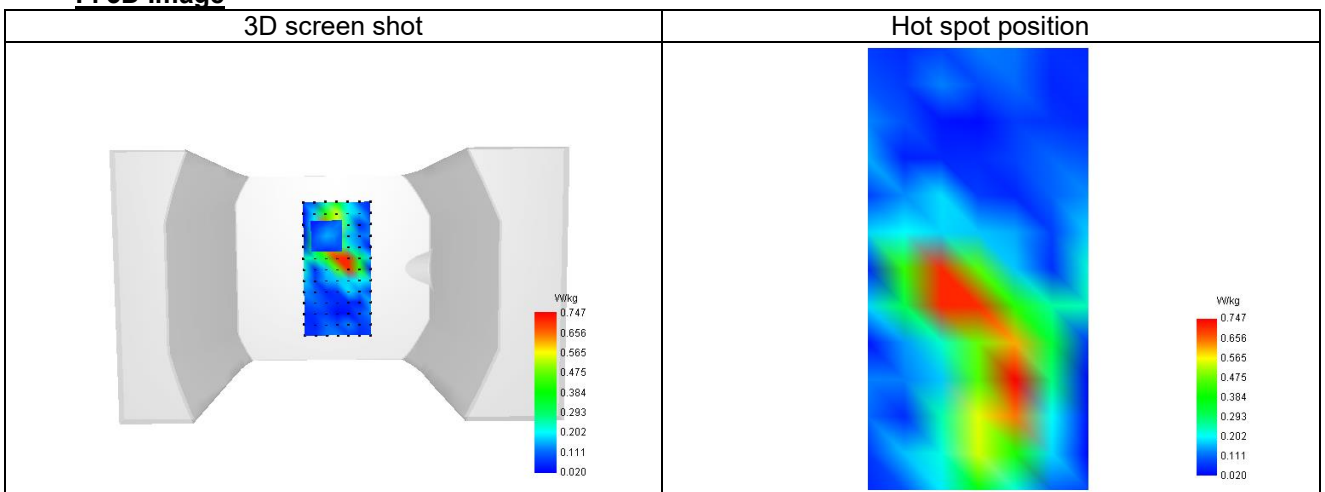
Maximum location: X=7.00, Y=-36.00 ; SAR Peak: 1.26 W/kg

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

SAR 10g (W/Kg)	0.349
SAR 1g (W/Kg)	0.702
Variation (%)	-1.850
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.247	0.744	0.390	0.231	0.174


**F. 3D Image**


**Plot 16**

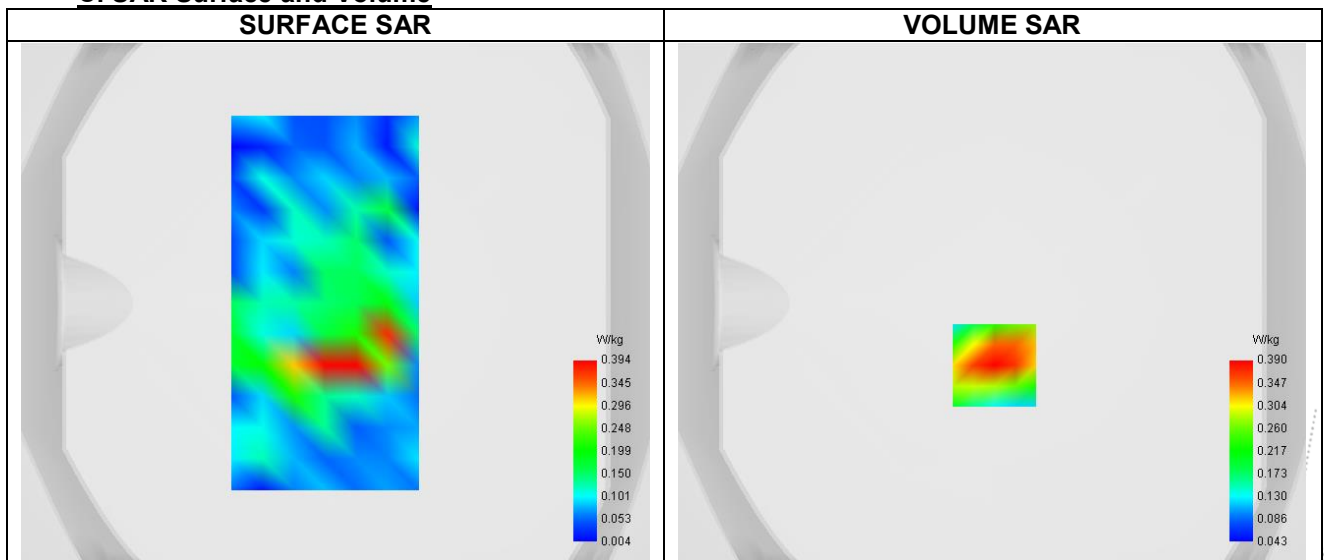
Date of measurement: 23/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	819.000
Relative permittivity (real part)	41.848
Relative permittivity (imaginary part)	19.574
Conductivity (S/m)	0.868

**C. SAR Surface and Volume**


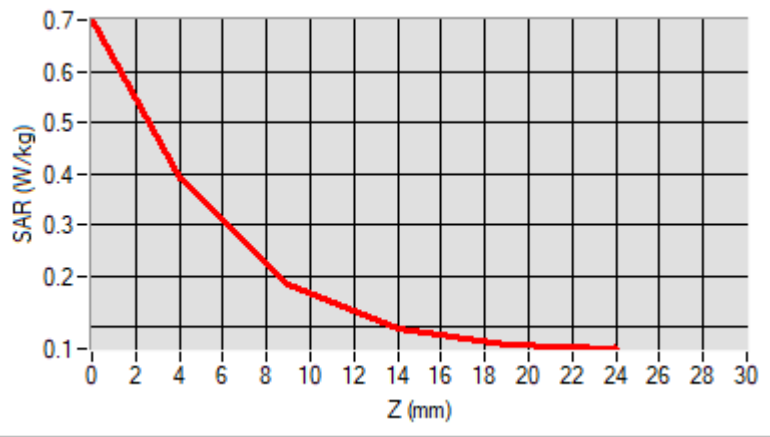
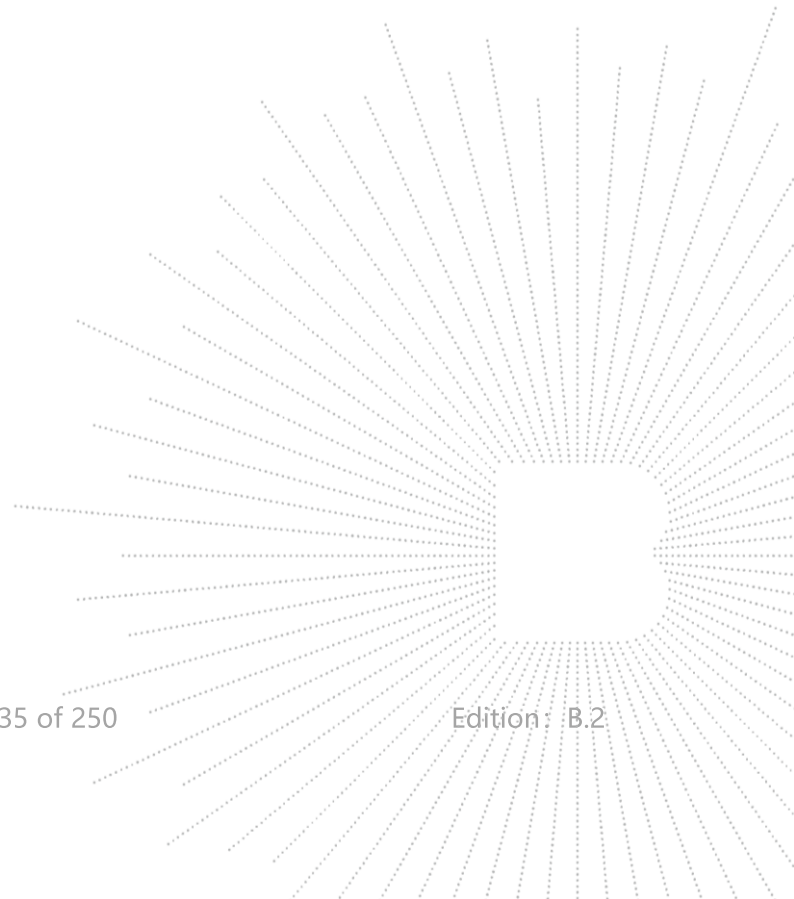
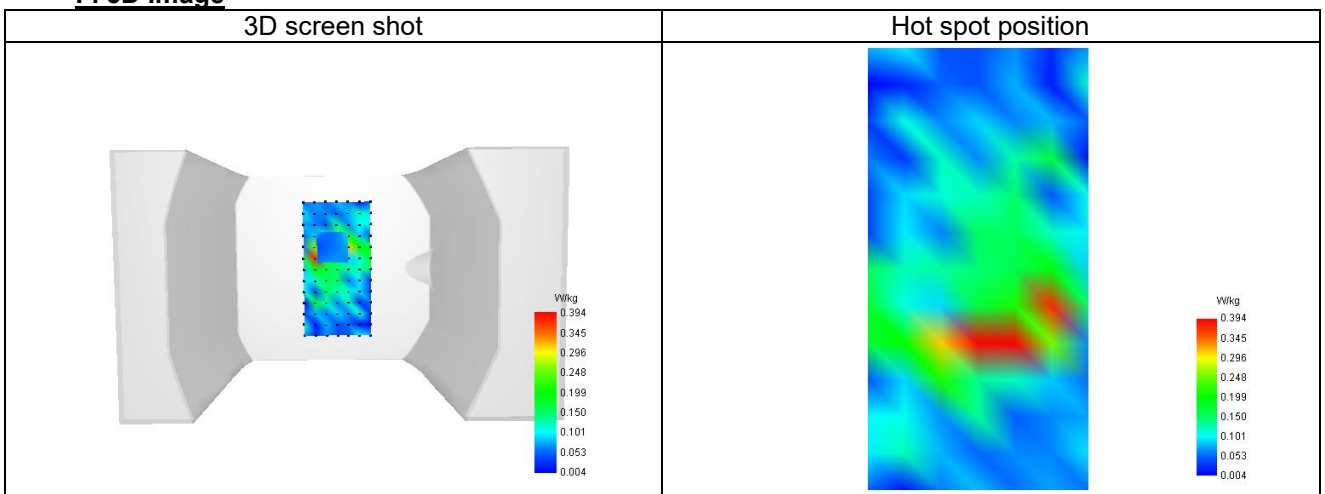
Maximum location: X=1.00, Y=-24.00 ; SAR Peak: 0.73 W/kg

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

SAR 10g (W/Kg)	0.192
SAR 1g (W/Kg)	0.371
Variation (%)	-4.690
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.701	0.390	0.182	0.095	0.066


**F. 3D Image**


**Plot 17**

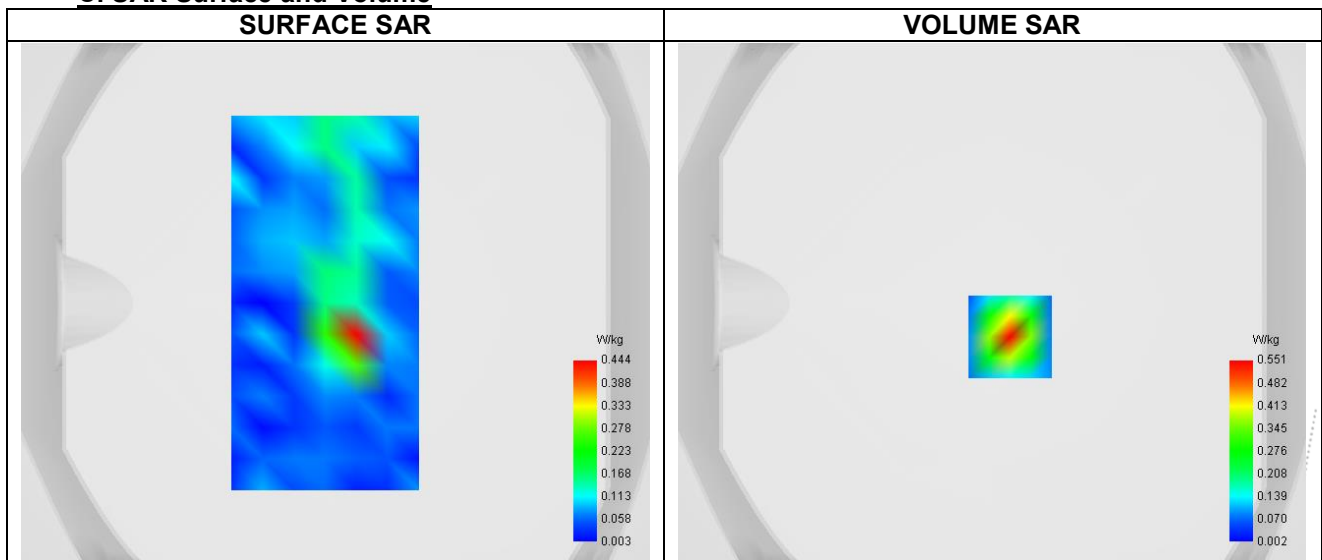
Date of measurement: 23/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.81
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	841.500
Relative permittivity (real part)	41.848
Relative permittivity (imaginary part)	19.574
Conductivity (S/m)	0.868

**C. SAR Surface and Volume**


Maximum location: X=7.00, Y=-13.00 ; SAR Peak: 1.24 W/kg

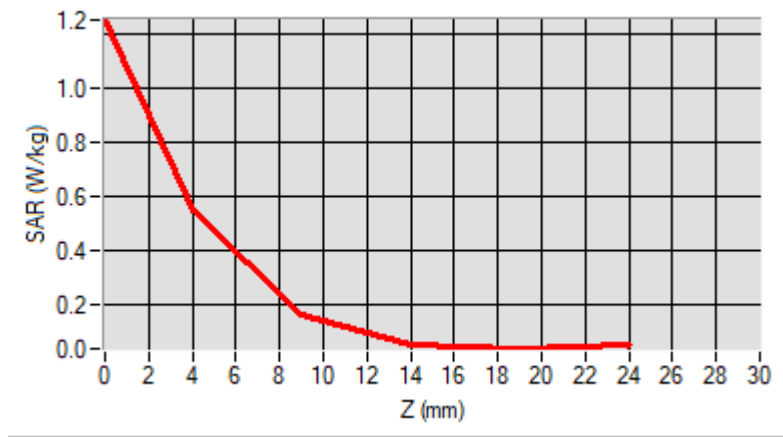
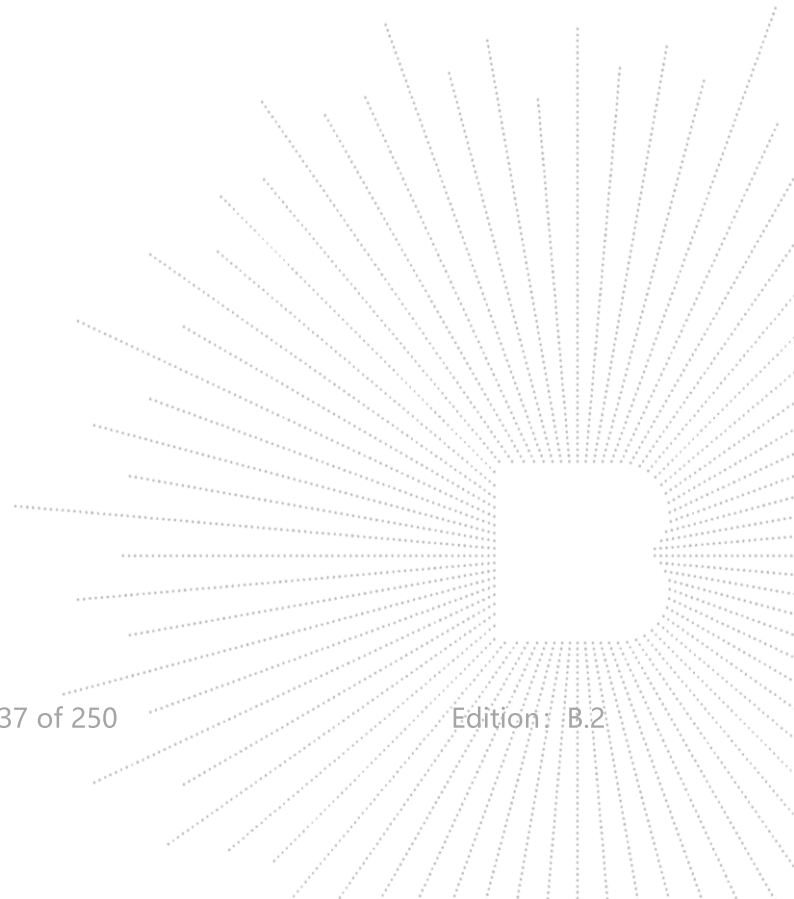
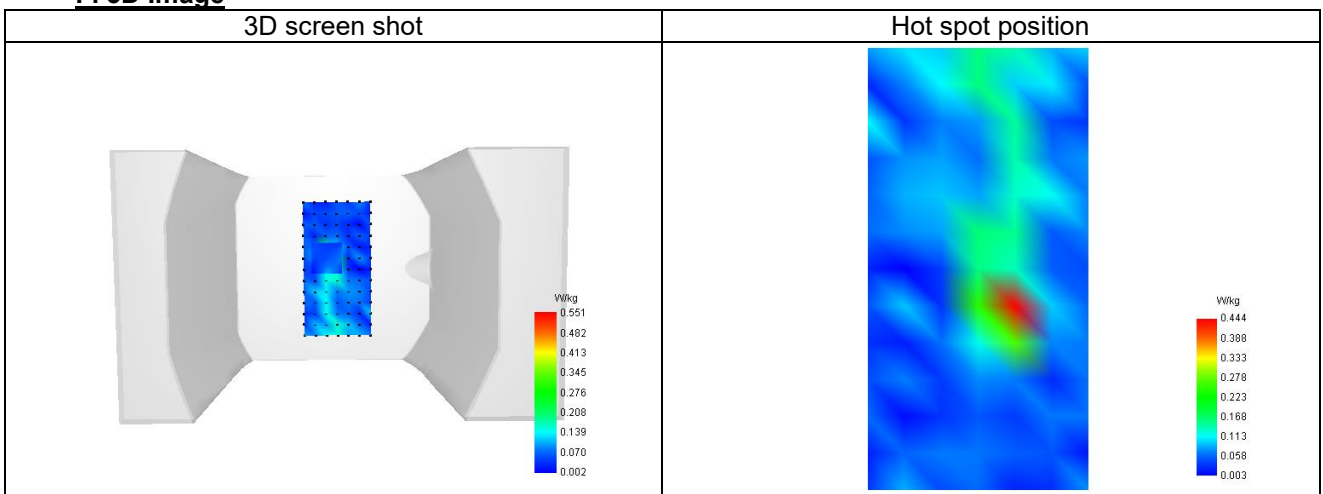
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.204
SAR 1g (W/Kg)	0.511
Variation (%)	3.010
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.250	0.551	0.165	0.054	0.040




**F. 3D Image**


**Plot 18**

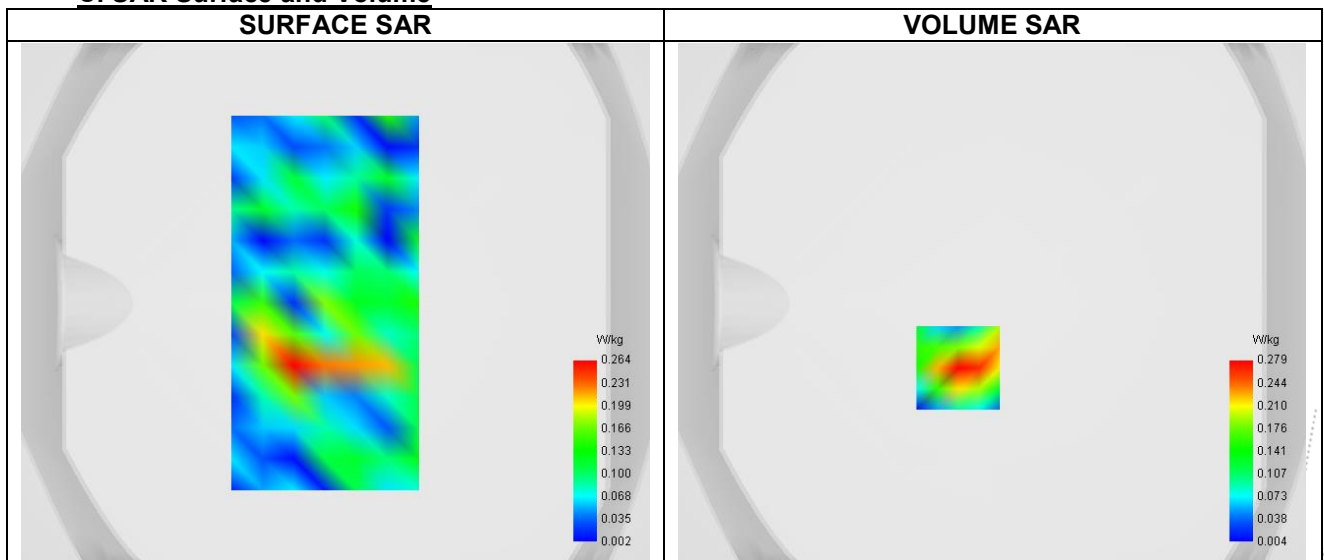
Date of measurement: 24/9/2024

**A. Experimental conditions.**

Probe	SN 26/23 EPGO420
ConvF	0.96
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	5
RB size	20

**B. Permittivity**

Frequency (MHz)	1720.000
Relative permittivity (real part)	38.952
Relative permittivity (imaginary part)	14.120
Conductivity (S/m)	1.351

**C. SAR Surface and Volume**


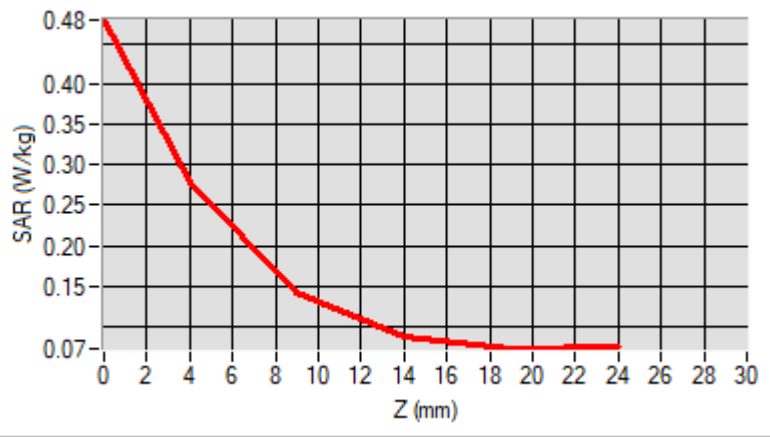
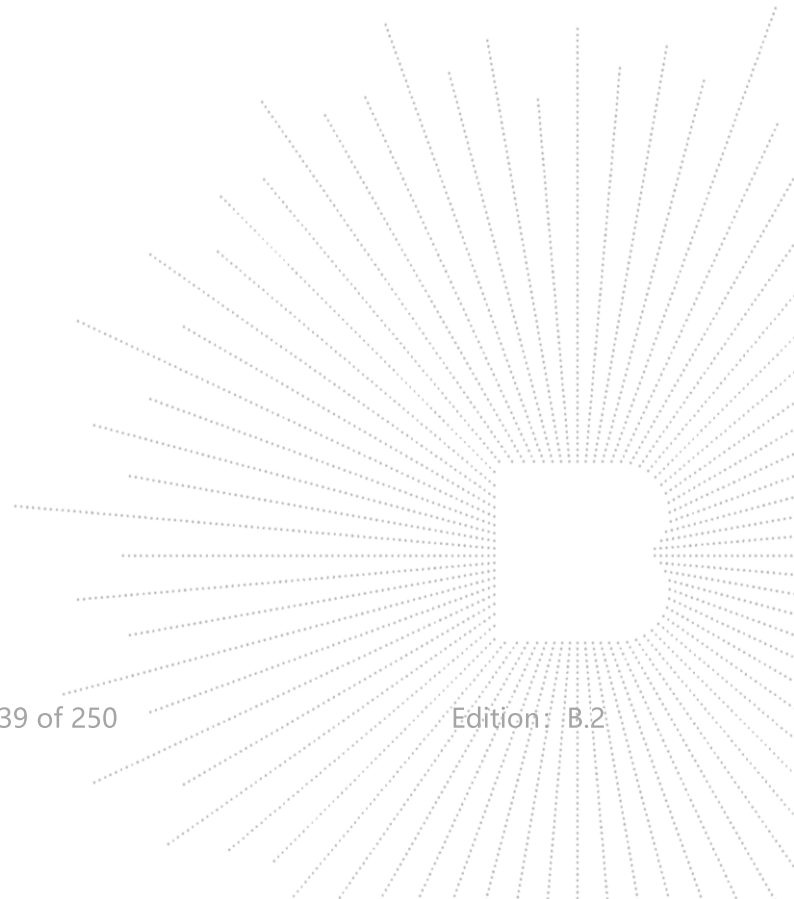
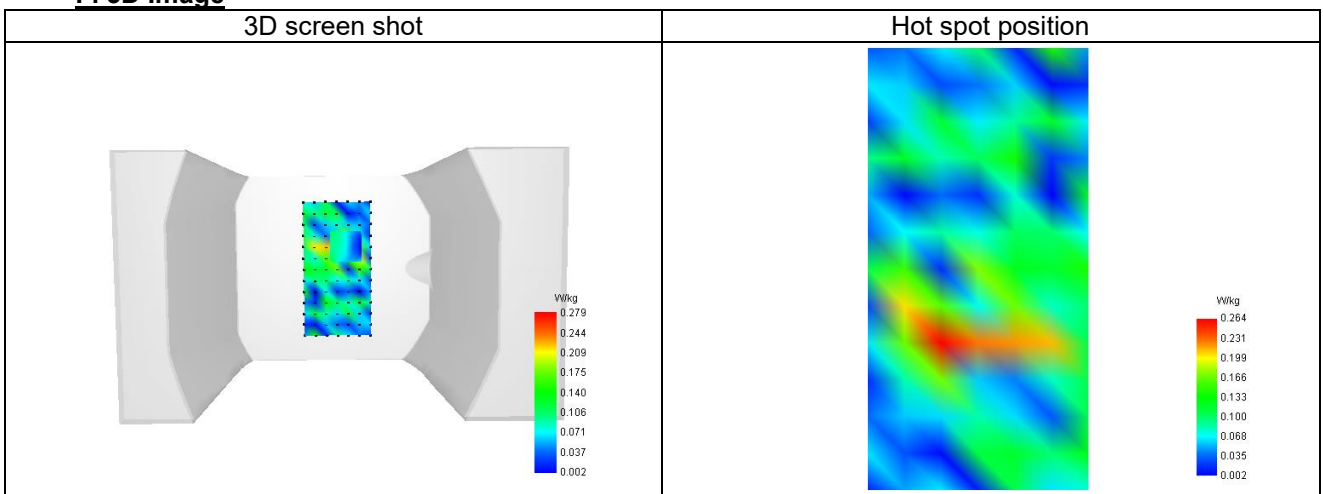
Maximum location: X=-13.00, Y=-25.00 ; SAR Peak: 0.50 W/kg

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

SAR 10g (W/Kg)	0.129
SAR 1g (W/Kg)	0.265
Variation (%)	-1.170
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**E. Z Axis Scan**

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.480	0.279	0.142	0.087	0.072


**F. 3D Image**


**16. CALIBRATION CERTIFICATES**

**Probe-EPGO420 Calibration Certificate**  
**SID750Dipole Calibration Certificate**  
**SID835Dipole Calibration Certificate**  
**SID1800Dipole Calibration Certificate**  
**SID1900Dipole Calibration Certificate**  
**SID2450Dipole Calibration Certificate**  
**SID2600Dipole Calibration Certificate**  
**SID5000Dipole Calibration Certificate**

