

TEST REPORT

Reference No...... : WTX24X12292733W004
FCC ID..... : S3KGLU4000
Applicant..... : Global Telecom Engineering, Inc.
Address..... : 4695 MacArthur Court Suite 1100, Newport Beach CA 92660
Manufacturer..... : Global Telecom Engineering, Inc.
Address..... : 4695 MacArthur Court Suite 1100, Newport Beach CA 92660
Product Name..... : NetStick-Q
Model No...... : GLU-4000Q
FCC Part 2.1093
Standards..... : IEEE Std C95.1: 2019
IEEE Std C95.3: 2002 + Rev. 2008
IEC/IEEE 62209-1528 Ed. 1.0 (2020-10)
Date of Receipt sample..... : 2024-12-12
Date of Test..... : 2024-12-12 to 2025-01-23
Date of Issue..... : 2025-02-12
Test Report Form No...... : WTX_IEEE_1528W
Test Result..... : **Pass**

Remarks:

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

Prepared By:

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Report version

Version No.	Date of issue	Description
Rev.00	2025-02-12	Original
/	/	/

1. General Information

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT:	
Product Name:	NetStick-Q
Brand Name:	NetStick-Q
Model No.:	GLU-4000Q
Adding Model(s):	/
Rated Voltage:	USB DC 5V
Battery:	/
<i>Note: The test data is gathered from a production sample provided by the manufacturer.</i>	

Technical Characteristics of EUT:	
4G	
Support Networks:	FDD-LTE, TDD-LTE
Support Band:	FDD-LTE Band 2, 4, 5, 12, 13, 14, 25, 26, 66, 71, TDD-LTE 41
Uplink Frequency:	FDD-LTE Band 2: Tx: 1850-1910MHz, FDD-LTE Band 4: Tx: 1710-1755MHz, FDD-LTE Band 5: Tx: 824-849MHz, FDD-LTE Band 12: Tx: 699-716MHz, FDD-LTE Band 13: Tx: 777-787MHz, FDD-LTE Band 14: Tx: 788-798MHz, FDD-LTE Band 25: Tx: 1850-1915MHz, FDD-LTE Band 26-1: Tx: 814-824MHz, FDD-LTE Band 26-2: Tx: 824-849MHz, TDD-LTE Band 41: Tx: 2496-2690MHz FDD-LTE Band 66: Tx: 1710-1780MHz, FDD-LTE Band 71: Tx: 663-698MHz,
Downlink Frequency:	FDD-LTE Band 2: Rx: 1930-1990MHz, FDD-LTE Band 4: Rx: 2110-2155MHz, FDD-LTE Band 5: Rx: 869-894MHz, FDD-LTE Band 12: Rx: 729-746MHz, FDD-LTE Band 13: Rx: 746-756MHz, FDD-LTE Band 14: Rx: 758-768MHz, FDD-LTE Band 25: Rx: 1930-1995MHz, FDD-LTE Band 26-1: Rx: 859-869MHz, FDD-LTE Band 26-2: Rx: 869-894MHz, TDD-LTE Band 41: Rx: 2496-2690MHz FDD-LTE Band 66: Rx: 2110-2200MHz, FDD-LTE Band 71: Rx: 617-652MHz,
RF Output Power:	FDD-LTE Band 2: 24.24dBm, FDD-LTE Band 4: 24.80dBm, FDD-LTE Band 5: 24.14dBm, FDD-LTE Band 12: 23.33dBm, FDD-LTE Band 13: 23.96dBm FDD-LTE Band 14: 23.27dBm FDD-LTE Band 25: 24.29dBm FDD-LTE Band 26-1: 23.12dBm FDD-LTE Band 26-2: 22.90dBm TDD-LTE Band 41: 25.70dBm FDD-LTE Band 66: 24.61dBm FDD-LTE Band 71: 23.09dBm
Type of Modulation:	QPSK, 16QAM

Antenna Type:	Integral Antenna
Antenna Gain:	FDD-LTE Band 2: 2.14dBi, FDD-LTE Band 4: 1.55dBi, FDD-LTE Band 5: 1.96dBi, FDD-LTE Band 12: 5.25dBi, FDD-LTE Band 13: 5.78dBi FDD-LTE Band 14: 3.17dBi, FDD-LTE Band 25: 2.14dBi, FDD-LTE Band 26-1: 1.96dBi, FDD-LTE Band 26-2: 1.96dBi, TDD-LTE Band 41: 6.05dBi, FDD-LTE Band 66: 2.46dBi, FDD-LTE Band 71: 4.57dBi
<i>Note: The Antenna Gain is provided by the customer and can affect the validity of results.</i>	

1.2 Test Standards

The following report is accordance with FCC 47 CFR Part 2.1093, IEEE Std C95.1: 2019, IEEE Std C95.3: 2002 + Rev. 2008, IEC/IEEE 62209-1528:2021, KDB 447498 D01 v06, KDB 648474 D04 v01r03, KDB 248227 D01 v02r02, KDB 941225 D01 v03r01, KDB 941225 D05 v02r05 , and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

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

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

1.3 Test Methodology

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

1.4 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

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

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010. Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464 A and the CAB identifier is CN0057.

2. Summary of Test Results

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

Frequency Band	Body SAR (5mm Gap)	SAR _{1g} Limit (W/kg)
	Maximum SAR _{1g} (W/kg)	
LTE	1.014	1.6

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR Part 2.1093 and IEEE Std C95.1: 2019 and had been tested in accordance with the measurement methods and procedure specified in IEC/IEEE 62209-1528:2021 and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

3. Specific Absorption Rate (SAR)

3.1 Introduction

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

3.2 SAR Definition

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

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

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

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

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

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

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

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

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

4. SAR Measurement System

4.1 The Measurement System

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

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

The following figure shows the system.

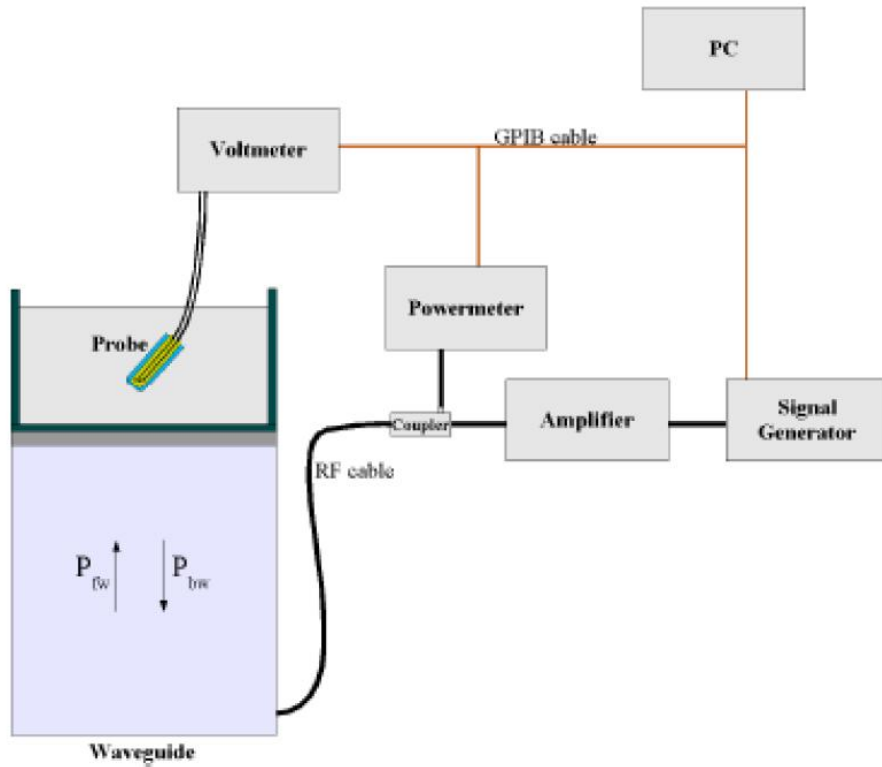


The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The OpenSAR software computes the results to give a SAR value in a 1g or 10g mass.

4.2 Probe

For the measurements the Specific Dosimetric E-Field Probe SSE2 3823-EPGO-435, and refer to the calibration report for probe parameters.

Probe calibration is realized, in compliance with IEC/IEEE 62209-1528:2021 STD, with CALISAR, Antenna proprietary calibration system. The calibration is performed with the IEC/IEEE 62209-1528:2021 annexes technique using reference guide at the five frequencies.



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

Where :

P_{fw} = Forward Power

P_{bw} = Backward Power

a and b = Waveguide dimensions

δ = 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.

4.3 Probe Calibration Process

Dosimetric Assessment Procedure

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

Free Space Assessment Procedure

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

Temperature Assessment Procedure

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

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

Where:

- Δt = exposure time (30 seconds),
- C = heat capacity of tissue (brain or muscle),
- ΔT = temperature increase due to RF exposure.

SAR is proportional to $\Delta T/\Delta t$, 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:

σ = simulated tissue conductivity,

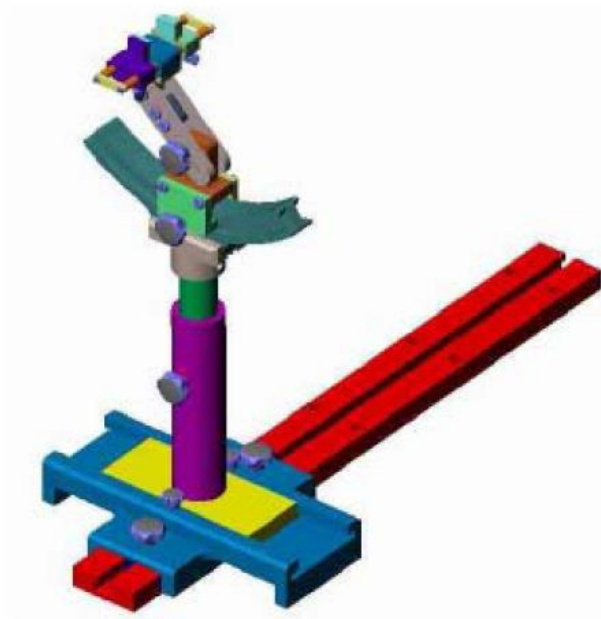
ρ = Tissue density (1.25 g/cm³ for brain tissue)

4.4 Phantom

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

4.5 Device Holder

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



System Material	Permittivity	Loss Tangent
Delrin	3.7	0.005

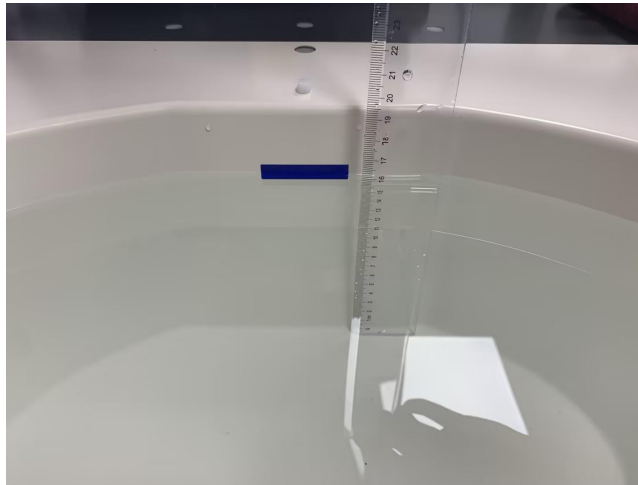
4.6 Test Equipment List

Fixed asset Number	Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
WTXE1105A1002	E-Field Probe	MVG	SSE2	3823-EPGO-435	2024-07-11	2025-07-10
WTXE1053A1001-001	750MHz Dipole	MVG	SID750	SN 47/12 DIP 0G750-203	2023-08-20	2026-08-19
WTXE1053A1001-002	835MHz Dipole	MVG	SID835	SN 47/12 DIP 0G835-204	2023-08-20	2026-08-19
WTXE1053A1001-004	1800MHz Dipole	MVG	SID1800	SN 47/12 DIP 1G800-206	2023-08-20	2026-08-19
WTXE1053A1001-005	1900MHz Dipole	MVG	SID1900	SN 47/12 DIP 1G900-207	2023-08-20	2026-08-19
WTXE1053A1006-002	2600MHz Dipole	MVG	SID2600	SN 28/21 DIP 2G600-590	2024-07-11	2027-07-10
WTXE1053A1001-010	Dielectric Probe	SATIMO	SCLMP	SN 47/12 OCPG49	2024-02-24	2025-02-23
WTXE1075A1003	Power meter	Keithley	3500	1232959	2024-02-24	2025-02-23
WTXE1075A1002	Power meter	Keithley	3500	1162591	2024-02-24	2025-02-23
WTXE1104A1003	EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61252892	2024-02-24	2025-02-23
WTXE1022A1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2024-02-27	2025-02-26
WTXE1041A1002	Communications Tester	Rohde & Schwarz	CMW500	148650	2024-03-19	2025-03-18
WTXE1036A1001	Network Analyzer	Rohde & Schwarz	ZVB 8	101353	2024-10-15	2025-10-14

5. Tissue Simulating Liquids

5.1 Composition of Tissue Simulating Liquid

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



Liquid Height for Head/Body SAR

The Composition of Tissue Simulating Liquid

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

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

5.2 Tissue Dielectric Parameters for Head and Body Phantoms

According to FCC KDBs, IEC/IEEE 62209-1528:2021 standards state that the system validation measurements must be performed using a reference dipole meeting the fore mentioned return loss and mechanical dimension requirements. The validation measurement must be performed against a liquid filled flat phantom, with the phantom constructed as outlined in the fore mentioned standards. Per the standards, the dipole shall be positioned below the bottom of the phantom, with the dipole length centered and parallel to the longest dimension of the flat phantom, with the top surface of the dipole at the described distance from the bottom surface of the phantom.

Target Frequency (MHz)	Head		Body	
	Conductivity (σ)	Permittivity (ϵ_r)	Conductivity (σ)	Permittivity (ϵ_r)
150	0.76	52.3	0.80	61.9
300	0.87	45.3	0.92	58.2
450	0.87	43.5	0.94	56.7
750	0.89	41.9	0.96	55.5
835	0.90	41.5	0.97	55.2
900	0.97	41.5	1.05	55.0
915	0.98	41.5	1.06	55.0
1450	1.20	40.5	1.30	54.0
1610	1.29	40.3	1.40	53.8
1800-2000	1.40	40.0	1.52	53.3
2100	1.49	39.8	1.62	53.2
2300	1.67	39.5	1.81	52.9
2450	1.80	39.2	1.95	52.7
2600	1.96	39.0	2.16	52.5
3000	2.40	38.5	2.73	52.0
5200	4.66	36.0	5.30	49.0
5400	4.86	35.8	5.53	48.7
5600	5.07	35.5	5.77	48.5
5800	5.27	35.3	6.00	48.2

5.3 Tissue Calibration Result

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

Calibration Result for Dielectric Parameters of Tissue Simulating Liquid

Head Tissue Simulating Liquid									
Freq. MHz	Temp. (°C)	Conductivity			Permittivity			Limit (%)	Date
		Reading (σ)	Target (σ)	Delta (%)	Reading (ϵ_r)	Target (ϵ_r)	Delta (%)		
750	22.5	0.86	0.89	-3.37	41.12	41.90	-1.86	±5	2025-01-23
835	22.5	0.89	0.90	-1.11	40.64	41.50	-2.07	±5	2025-01-22
1800	22.2	1.38	1.40	-1.43	39.13	40.00	-2.17	±5	2025-01-20
1900	22.2	1.41	1.40	0.71	41.06	40.00	2.65	±5	2025-01-21
2600	22.2	1.98	1.96	1.02	39.93	39.0	2.38	±5	2025-01-21

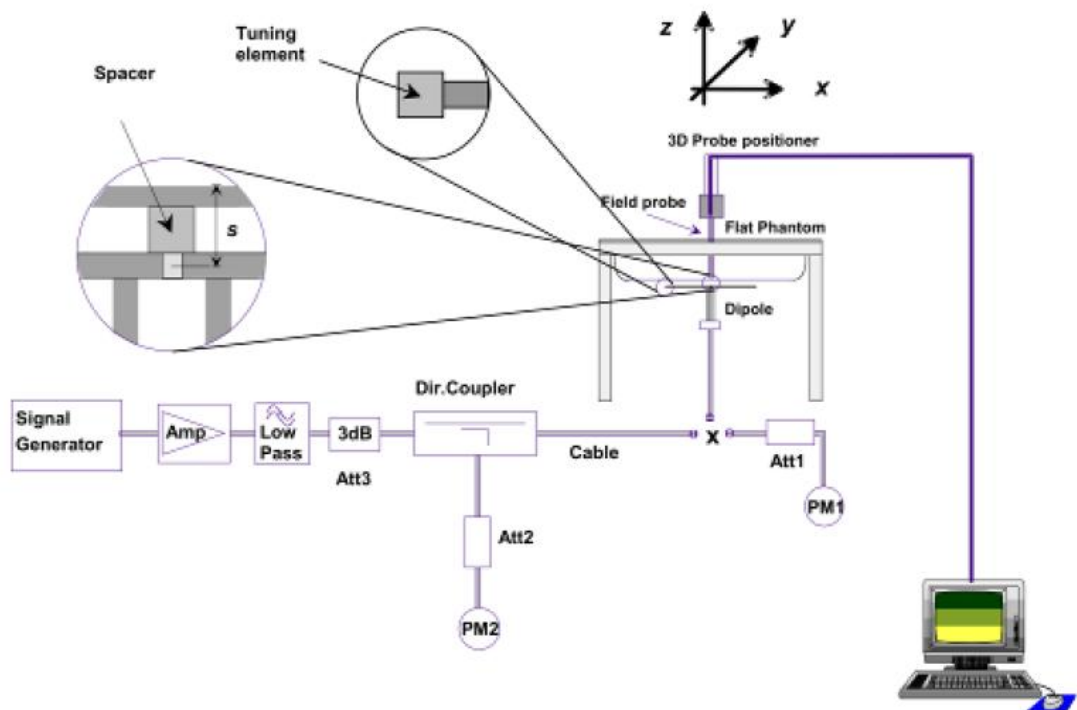
6. SAR Measurement Evaluation

6.1 Purpose of System Performance Check

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

6.2 System Setup

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



System Verification Setup Block Diagram



Setup Photo of Dipole Antenna

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

6.3 Validation Results

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

Frequency	Power	Targeted SAR _{1g}	Measured SAR _{1g}	Normalized SAR _{1g}	Tolerance	Date
MHz	(mw)	(W/kg)	(W/kg)	(W/kg)	(%)	
Head						
750	250	8.78	2.051	8.204	-6.56	2025-01-23
835	250	9.65	2.210	8.84	-8.39	2025-01-22
1800	250	38.49	9.624	38.496	0.02	2025-01-20
1900	250	39.59	10.223	40.892	3.29	2025-01-21
2600	250	56.81	14.815	59.26	4.31	2025-01-21

Remark: Referring to IEC/IEEE 62209-1528:2021, the system check shall be performed at a test frequency that is within ±10% or ±100 MHz of the compliance test mid-band frequency, so the 1750 MHz system verification is made of 1800MHz Dipole.

Targeted and Measurement SAR

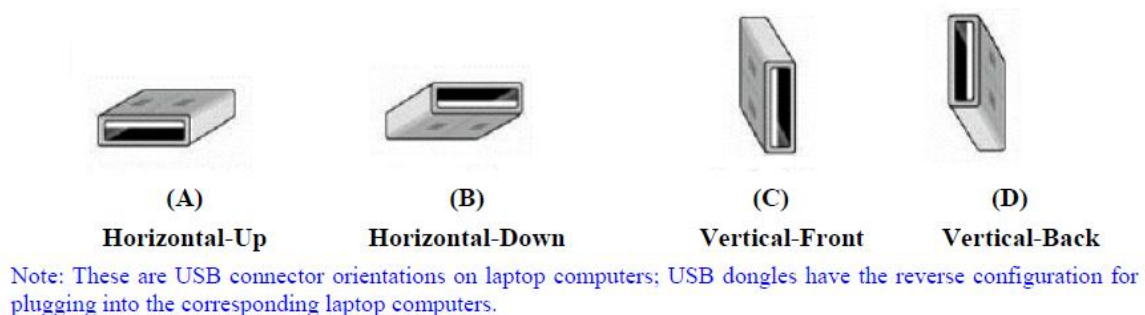
Please refer to Annex A for the plots of system performance check.

7. EUT Testing Position

7.1 Body Position

SIMPLE DONGLE PROCEDURES

Test all USB orientations [see figure below: (A) Horizontal-Up, (B) Horizontal-Down, (C) Vertical-Front, and (D) Vertical-Back] with a device-to-phantom separation distance of 5 mm or less, according to KDB Publication 447498 D01 requirements. These test orientations are intended for the exposure conditions found in typical laptop/notebook/netbook or tablet computers with either horizontal or vertical USB connector configurations at various locations in the keyboard section of the computer. Current generation portable host computers should be used to establish the required SAR measurement separation distance. The same test separation distance must be used to test all frequency bands and modes in each USB orientation. The typical Horizontal-Up USB connection (A), found in the majority of host computers, must be tested using an appropriate host computer. A host computer with either Vertical-Front (C) or Vertical Back (D) USB connection should be used to test one of the vertical USB orientations. If a suitable host computer is not available for testing the Horizontal-Down (B) or the remaining Vertical USB orientation, a high quality USB cable, 12 inches or less, may be used for testing these other orientations. It must be documented that the USB cable does not influence the radiating characteristics and output power of the transmitter.

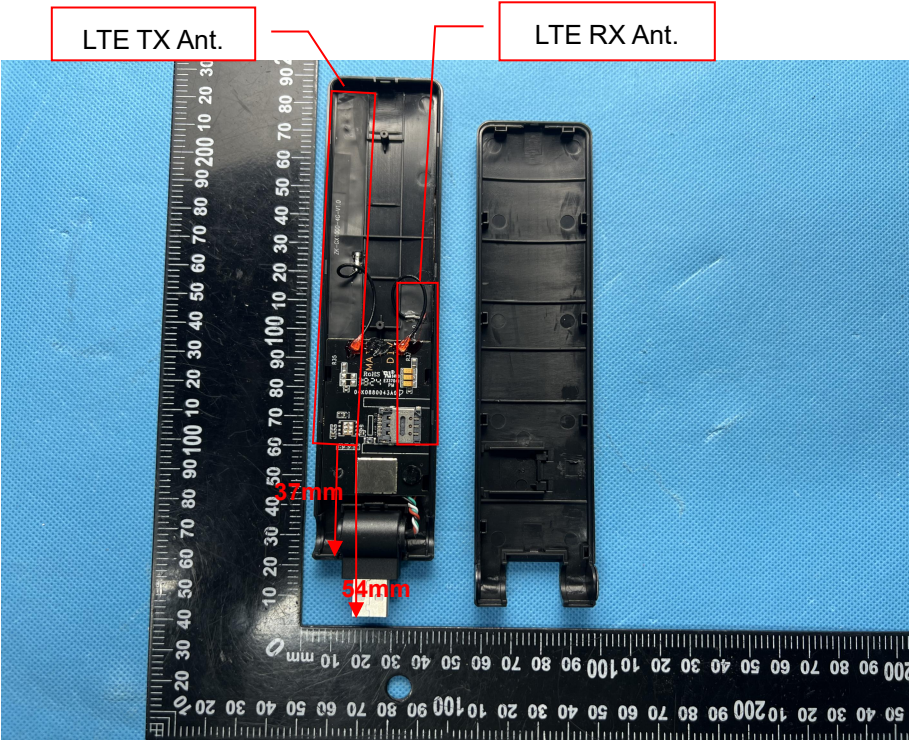


USB Connector Orientations Implemented on Laptop Computers

DONGLES WITH SWIVEL OR ROTATING CONNECTORS

A swivel or rotating USB connector may enable the dongle to connect in different orientations to host computers. When the antenna is built-in within the housing of a dongle, a swivel or rotating connector may allow the antenna to assume different positions. The combination of these possible configurations must be considered to determine the SAR test requirements. When the antenna is located near the tip of a dongle, it may operate at closer proximity to users in certain connector orientations where dongle tip testing may be required. The 5 mm test separation distance used for testing simple dongles has been established based on the overall host platform (laptop/notebook/netbook) and device variations, and varying user operating configurations and exposure conditions expected for a peripheral device. The same test distance should generally apply to dongles with swivel or rotating connectors. The procedures described for simple dongles should be used to position the four surfaces of the dongle at 5 mm from the phantom to evaluate SAR. At least one of the horizontal and one of the vertical positions should be tested using an applicable host computer. If the antenna is within 1 cm from the tip of the dongle (the end without the USB connector), the tip of the dongle should also be tested at 5 mm perpendicular to the phantom.

7.2 EUT Antenna Position



<EUT Horizontal-Up View>
Block Diagram for EUT Antenna Position

Distance of EUT antenna-to-edge/surface(mm),						
Antennas	Vertical-Front	Vertical-Back	Horizontal-Up	Horizontal-Down	Top Edge	Bottom Edge
WWAN	25	<25	<25	<25	<25	37&54

7.3 EUT Testing Position

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

Body SAR tests, Test distance: 5mm						
Antennas	Vertical-Front	Vertical-Back	Horizontal-Up	Horizontal-Down	Top Side	Bottom Side
WWAN	Yes	Yes	Yes	Yes	Yes	No

Remark:

- Referring to KDB 447498 D01 v06 and KDB 447498 D02 v02r01, all USB orientations (A) horizontal up, (B) horizontal down, (C) vertical front, and (D) vertical back have a separation distance of 5 mm or less from the device to the phantom. If the antenna is within 1 cm from the tip of the dongle (the end without the USB connector), the tip of the dongle should also be tested at 5 mm perpendicular to the phantom. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.
- Referring to KDB 447498 D02 v02r01, for dongles with swivel or rotating connectors, the horizontal and

the vertical positions should be tested using an applicable host computer. When the EUT rotates the port, the test surface is the same as when it is not rotated.

3. A high quality USB cable length 0.25m is be used for testing. The USB cable does not influence the radiating characteristics and output power of the transmitter.
4. SAR testing applied two methods of laptop connection and USB cable connection, but the report recorded the worst test data.

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

8. SAR Measurement Procedures

8.1 Measurement Procedures

The measurement procedures are as follows:

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

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

- (a) Power reference measurement
- (b) Area scan
- (c) Zoom scan
- (d) Power drift measurement

8.2 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The SATIMO software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine. The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

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

8.3 Area & Zoom Scan Procedures

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

8.4 Volume Scan Procedures

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

8.5 SAR Averaged Methods

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

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

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

8.6 Power Drift Monitoring

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

9. SAR Test Result

9.1 Conducted RF Output Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.03	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.89	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.23	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.27	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.82	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.91	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.84	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.54	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.73	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.52	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.68	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.51	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.73	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.85	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.66	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.63	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.67	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.83	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.83	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.49	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.76	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.64	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.79	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.56	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.69	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.64	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.70	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.55	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.64	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.57	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.59	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.58	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.54	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.55	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.31	PASS

Band2	1.4MHz	QPSK	19193	3RB#1	23.67	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.42	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.57	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.56	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.68	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.74	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.89	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.84	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.85	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.84	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.86	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.95	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.05	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.95	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.92	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.89	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.18	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.16	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.01	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.04	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.69	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.58	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.19	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.96	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.86	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.79	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.77	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.80	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.88	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.92	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.79	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.87	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.60	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.21	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.60	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.96	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.49	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.91	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.83	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.81	PASS

Band2	3MHz	QPSK	19185	8RB#4	22.86	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.91	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.75	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.80	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.74	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.73	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.92	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.71	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.78	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.89	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.14	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.84	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.81	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.93	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.90	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.92	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.92	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.96	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.89	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.94	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.75	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.77	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.74	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.76	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.97	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.65	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.78	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.99	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.79	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.84	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.85	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.79	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.80	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.89	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.87	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.44	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.40	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.77	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.75	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.86	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.95	PASS

Band2	5MHz	QPSK	19175	12RB#6	22.79	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.78	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.68	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.75	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.74	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.96	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.63	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.95	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.90	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.23	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.72	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.18	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.95	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.04	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.93	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.94	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.98	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.24	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.07	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.11	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.91	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.71	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.87	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.66	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.20	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.80	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.04	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.82	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.77	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.88	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.94	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.84	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.82	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.03	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.03	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.66	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.19	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.81	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.82	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.03	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.00	PASS

Band2	10MHz	QPSK	19150	25RB#12	22.97	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.01	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.78	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.81	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.89	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.03	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.89	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.85	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.91	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.91	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.70	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.98	PASS
Band2	15MHz	16QAM	18675	38RB#0	23.04	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.03	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.96	PASS
Band2	15MHz	QPSK	18675	38RB#37	23.03	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.96	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.88	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.12	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.81	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.06	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.62	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.68	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.83	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.06	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.81	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.80	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.80	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.79	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.79	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.78	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.78	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.94	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.06	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.15	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.75	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.80	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.47	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.08	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.91	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.91	PASS

Band2	15MHz	QPSK	19125	38RB#18	22.91	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.90	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.90	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.90	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.90	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.94	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.43	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.24	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.69	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.84	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.49	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.16	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.06	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.17	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.08	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.98	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.13	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.96	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.99	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.99	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.75	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.80	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.57	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.87	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.82	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.88	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.96	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.95	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.03	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.91	PASS
Band2	20MHz	16QAM	18900	50RB#50	22.02	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.91	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.97	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.17	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.89	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.14	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.76	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.87	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.98	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.31	PASS

Band2	20MHz	QPSK	19100	50RB#25	23.20	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.27	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.92	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.08	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.99	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.05	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.43	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.36	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.46	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.43	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.24	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.24	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	24.40	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	23.26	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	24.38	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	23.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	24.31	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	23.19	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.25	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.46	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.41	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.63	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.50	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.49	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	24.42	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	23.21	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	24.40	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	23.20	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	24.42	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	23.33	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.35	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.42	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.51	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.78	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.42	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.55	PASS

Band4	1.4MHz	QPSK	20393	3RB#0	24.57	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	23.36	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	24.48	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	23.34	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	24.59	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.48	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.55	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.77	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.24	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.37	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.35	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.24	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.37	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.35	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.45	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.55	PASS
Band4	3MHz	QPSK	19965	8RB#4	23.40	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.52	PASS
Band4	3MHz	QPSK	19965	8RB#7	23.29	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.66	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.38	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.44	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.42	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.47	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.29	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.31	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.40	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.48	PASS
Band4	3MHz	QPSK	20175	8RB#0	23.35	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.53	PASS
Band4	3MHz	QPSK	20175	8RB#4	23.36	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.53	PASS
Band4	3MHz	QPSK	20175	8RB#7	23.43	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.41	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.36	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.43	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.29	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.41	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.19	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.32	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.59	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.72	PASS

Band4	3MHz	QPSK	20385	8RB#0	23.59	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.57	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.47	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.65	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.43	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.63	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.57	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.54	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.49	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.46	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.34	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.95	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.33	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.57	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.42	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.53	PASS
Band4	5MHz	QPSK	19975	12RB#6	23.44	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.54	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.34	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.43	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.33	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.53	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.35	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.43	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.47	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.19	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.60	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.42	PASS
Band4	5MHz	QPSK	20175	12RB#0	23.37	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.42	PASS
Band4	5MHz	QPSK	20175	12RB#6	23.36	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.51	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.48	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.53	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.41	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.40	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.71	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.67	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.71	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.23	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.73	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.87	PASS

Band4	5MHz	QPSK	20375	12RB#0	23.56	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.66	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.59	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.67	PASS
Band4	5MHz	QPSK	20375	12RB#13	23.59	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.78	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.65	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.60	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.32	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.45	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.35	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.57	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.36	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.48	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.55	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.51	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.59	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.51	PASS
Band4	10MHz	QPSK	20000	25RB#25	23.54	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.70	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.60	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.70	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.43	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.66	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.36	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.76	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.31	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.53	PASS
Band4	10MHz	QPSK	20175	25RB#0	23.59	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.64	PASS
Band4	10MHz	QPSK	20175	25RB#12	23.59	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.64	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.38	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.43	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.33	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.34	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.36	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.54	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.50	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.43	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.56	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.63	PASS

Band4	10MHz	QPSK	20350	25RB#0	23.62	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.76	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.66	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.68	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.60	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.70	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.55	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.56	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.42	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.44	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.50	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.47	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.43	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.53	PASS
Band4	15MHz	QPSK	20025	38RB#0	23.71	PASS
Band4	15MHz	16QAM	20025	38RB#0	23.61	PASS
Band4	15MHz	QPSK	20025	38RB#18	23.58	PASS
Band4	15MHz	16QAM	20025	38RB#18	23.55	PASS
Band4	15MHz	QPSK	20025	38RB#37	23.61	PASS
Band4	15MHz	16QAM	20025	38RB#37	23.59	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.57	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.66	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.46	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.49	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.01	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.18	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.12	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.18	PASS
Band4	15MHz	QPSK	20175	38RB#0	23.30	PASS
Band4	15MHz	16QAM	20175	38RB#0	23.26	PASS
Band4	15MHz	QPSK	20175	38RB#18	23.32	PASS
Band4	15MHz	16QAM	20175	38RB#18	23.29	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.26	PASS
Band4	15MHz	16QAM	20175	38RB#37	23.32	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.48	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.43	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.57	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.43	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.56	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.42	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.51	PASS

Band4	15MHz	QPSK	20325	38RB#0	23.47	PASS
Band4	15MHz	16QAM	20325	38RB#0	23.47	PASS
Band4	15MHz	QPSK	20325	38RB#18	23.47	PASS
Band4	15MHz	16QAM	20325	38RB#18	23.46	PASS
Band4	15MHz	QPSK	20325	38RB#37	23.45	PASS
Band4	15MHz	16QAM	20325	38RB#37	23.44	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.43	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.59	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.43	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.46	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.80	PASS
Band4	20MHz	16QAM	20050	1RB#49	24.04	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.49	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.54	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.81	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.92	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.34	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.55	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.52	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.56	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.51	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.63	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.47	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.44	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.56	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.69	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.31	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.31	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.43	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.65	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.47	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.53	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.39	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.46	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.41	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.55	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.52	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.43	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.77	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.87	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.34	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.44	PASS

Band4	20MHz	QPSK	20300	50RB#0	23.56	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.63	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.50	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.55	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.39	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.49	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.48	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.54	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.66	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.83	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.90	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.75	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.85	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.71	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.95	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.74	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.00	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.43	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.50	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.54	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.72	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.52	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.51	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.62	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.57	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.74	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.36	PASS

Band5	1.4MHz	QPSK	20643	1RB#5	23.83	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.88	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.59	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.10	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.58	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.89	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.74	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.92	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.08	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.74	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.98	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.91	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.90	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.75	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.82	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.89	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.15	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.91	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.07	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.88	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.35	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.95	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.89	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.87	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.39	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.32	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.96	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.74	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.67	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.86	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.71	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.79	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.67	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.73	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.63	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.56	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.61	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.82	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.77	PASS

Band5	3MHz	QPSK	20635	1RB#14	23.76	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.85	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.98	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.15	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.96	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.07	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.87	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.05	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.92	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.52	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.73	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.62	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.67	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.67	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.83	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.88	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.83	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.87	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.86	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.74	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.84	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.91	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.69	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.58	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.40	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.53	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.77	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.86	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.72	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.71	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.66	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.81	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.54	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.76	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.62	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.62	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.75	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.79	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.67	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.80	PASS

Band5	5MHz	QPSK	20625	1RB#24	23.77	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.86	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.91	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.84	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.87	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.88	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.87	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.84	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.81	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.01	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.50	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.76	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.14	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.05	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.46	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.61	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.92	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.85	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.92	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.89	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.70	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.76	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.71	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.77	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.92	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.90	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.28	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.40	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.80	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.85	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.74	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.88	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.70	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.72	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.64	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.83	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.74	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.62	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.59	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.69	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.81	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.20	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.68	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.67	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.74	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.81	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.67	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.81	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.93	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.83	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.70	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.86	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.81	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.17	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.17	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.64	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.99	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.57	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.98	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.04	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.96	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.21	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.02	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.93	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.39	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.02	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.86	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.01	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.84	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.00	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.81	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.01	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.83	PASS

Band12	1.4MHz	16QAM	23173	1RB#0	21.80	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.08	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.19	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.03	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.11	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.90	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.69	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.90	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.58	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.99	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.61	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.87	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.90	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.90	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.96	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.83	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.02	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.61	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.69	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.08	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.03	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.99	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.03	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.83	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.99	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.97	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.11	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.84	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.86	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.93	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.94	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.96	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.96	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.87	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.96	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.87	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.03	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.01	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.93	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.89	PASS

Band12	3MHz	16QAM	23165	1RB#0	21.94	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.71	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.78	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.89	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.89	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.89	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.03	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.91	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.04	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.04	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.19	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.89	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.83	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.01	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.20	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.48	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.80	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.53	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.00	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.93	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.01	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.02	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.76	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.89	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.90	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.84	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.95	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.80	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.27	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.86	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.96	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.97	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.94	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.91	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.81	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.90	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.00	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.08	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.81	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.80	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.93	PASS

Band12	5MHz	16QAM	23155	1RB#0	22.28	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.79	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.32	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.99	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.90	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.88	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.91	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.90	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.93	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.80	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.81	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.80	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.85	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.75	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.81	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.82	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.98	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.72	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.85	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.87	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.88	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.90	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.89	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.93	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.95	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.93	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.98	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.95	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.21	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.00	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.86	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.00	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.89	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.99	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.00	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.15	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.87	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.93	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.94	PASS

Band12	10MHz	16QAM	23130	1RB#0	22.17	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.33	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.64	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.19	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.74	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.04	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.98	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.04	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.98	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.98	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.04	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.03	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.24	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.25	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.55	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.47	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.46	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.34	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.33	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.46	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.45	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.67	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.55	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.66	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.51	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.46	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.50	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.72	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.34	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.37	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.16	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.25	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.59	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.42	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.57	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.50	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.38	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.43	PASS

Band13	5MHz	QPSK	23230	25RB#0	22.46	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.49	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.66	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.47	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.45	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.41	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.51	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.84	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.36	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.48	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.45	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.35	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.60	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.59	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.49	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.67	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.29	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.89	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.96	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.01	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.73	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.83	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.77	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.60	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.79	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.78	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.52	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.54	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.57	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.58	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	22.96	PASS
Band14	5MHz	16QAM	23305	1RB#0	21.90	PASS
Band14	5MHz	QPSK	23305	1RB#12	22.96	PASS
Band14	5MHz	16QAM	23305	1RB#12	21.83	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.02	PASS
Band14	5MHz	16QAM	23305	1RB#24	21.88	PASS
Band14	5MHz	QPSK	23305	12RB#0	21.91	PASS
Band14	5MHz	16QAM	23305	12RB#0	21.01	PASS
Band14	5MHz	QPSK	23305	12RB#6	21.88	PASS

Band14	5MHz	16QAM	23305	12RB#6	21.05	PASS
Band14	5MHz	QPSK	23305	12RB#13	22.01	PASS
Band14	5MHz	16QAM	23305	12RB#13	21.02	PASS
Band14	5MHz	QPSK	23305	25RB#0	21.91	PASS
Band14	5MHz	16QAM	23305	25RB#0	20.99	PASS
Band14	5MHz	QPSK	23330	1RB#0	22.86	PASS
Band14	5MHz	16QAM	23330	1RB#0	21.75	PASS
Band14	5MHz	QPSK	23330	1RB#12	22.85	PASS
Band14	5MHz	16QAM	23330	1RB#12	21.96	PASS
Band14	5MHz	QPSK	23330	1RB#24	22.99	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.02	PASS
Band14	5MHz	QPSK	23330	12RB#0	21.92	PASS
Band14	5MHz	16QAM	23330	12RB#0	20.98	PASS
Band14	5MHz	QPSK	23330	12RB#6	21.99	PASS
Band14	5MHz	16QAM	23330	12RB#6	21.05	PASS
Band14	5MHz	QPSK	23330	12RB#13	21.98	PASS
Band14	5MHz	16QAM	23330	12RB#13	20.85	PASS
Band14	5MHz	QPSK	23330	25RB#0	21.91	PASS
Band14	5MHz	16QAM	23330	25RB#0	20.98	PASS
Band14	5MHz	QPSK	23355	1RB#0	22.83	PASS
Band14	5MHz	16QAM	23355	1RB#0	21.93	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.03	PASS
Band14	5MHz	16QAM	23355	1RB#12	21.99	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.22	PASS
Band14	5MHz	16QAM	23355	1RB#24	21.99	PASS
Band14	5MHz	QPSK	23355	12RB#0	21.97	PASS
Band14	5MHz	16QAM	23355	12RB#0	20.92	PASS
Band14	5MHz	QPSK	23355	12RB#6	21.97	PASS
Band14	5MHz	16QAM	23355	12RB#6	21.00	PASS
Band14	5MHz	QPSK	23355	12RB#13	22.21	PASS
Band14	5MHz	16QAM	23355	12RB#13	21.13	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.01	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.06	PASS
Band14	10MHz	QPSK	23330	1RB#0	22.73	PASS
Band14	10MHz	16QAM	23330	1RB#0	21.88	PASS
Band14	10MHz	QPSK	23330	1RB#24	22.99	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.26	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.27	PASS
Band14	10MHz	16QAM	23330	1RB#49	21.99	PASS
Band14	10MHz	QPSK	23330	25RB#0	22.04	PASS
Band14	10MHz	16QAM	23330	25RB#0	21.07	PASS
Band14	10MHz	QPSK	23330	25RB#12	22.04	PASS

Band14	10MHz	16QAM	23330	25RB#12	20.98	PASS
Band14	10MHz	QPSK	23330	25RB#25	22.07	PASS
Band14	10MHz	16QAM	23330	25RB#25	20.92	PASS
Band14	10MHz	QPSK	23330	50RB#0	21.96	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.12	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.72	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.79	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.97	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.93	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.96	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.87	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	23.82	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	22.88	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	23.86	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	22.71	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	23.75	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	22.77	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.60	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.65	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.83	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	23.39	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.80	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	23.27	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.82	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	23.33	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	23.99	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	22.88	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	24.06	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	22.85	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	24.02	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	22.71	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.77	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.77	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.29	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.82	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.17	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.40	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.74	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.96	PASS

Band25	1.4MHz	QPSK	26683	3RB#0	23.24	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	22.43	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	23.19	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	22.37	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	22.68	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	21.89	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.84	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.76	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.76	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.87	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.70	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.78	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.88	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.87	PASS
Band25	3MHz	QPSK	26055	8RB#0	22.91	PASS
Band25	3MHz	16QAM	26055	8RB#0	22.01	PASS
Band25	3MHz	QPSK	26055	8RB#4	22.92	PASS
Band25	3MHz	16QAM	26055	8RB#4	22.02	PASS
Band25	3MHz	QPSK	26055	8RB#7	23.00	PASS
Band25	3MHz	16QAM	26055	8RB#7	22.44	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.81	PASS
Band25	3MHz	16QAM	26055	15RB#0	22.09	PASS
Band25	3MHz	QPSK	26365	1RB#0	24.14	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.96	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.86	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.61	PASS
Band25	3MHz	QPSK	26365	1RB#14	24.28	PASS
Band25	3MHz	16QAM	26365	1RB#14	23.00	PASS
Band25	3MHz	QPSK	26365	8RB#0	22.87	PASS
Band25	3MHz	16QAM	26365	8RB#0	21.95	PASS
Band25	3MHz	QPSK	26365	8RB#4	22.89	PASS
Band25	3MHz	16QAM	26365	8RB#4	21.96	PASS
Band25	3MHz	QPSK	26365	8RB#7	22.89	PASS
Band25	3MHz	16QAM	26365	8RB#7	21.98	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.93	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.84	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.57	PASS
Band25	3MHz	16QAM	26675	1RB#0	23.13	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.39	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.58	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.43	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.64	PASS

Band25	3MHz	QPSK	26675	8RB#0	22.77	PASS
Band25	3MHz	16QAM	26675	8RB#0	21.91	PASS
Band25	3MHz	QPSK	26675	8RB#4	22.84	PASS
Band25	3MHz	16QAM	26675	8RB#4	22.05	PASS
Band25	3MHz	QPSK	26675	8RB#7	22.74	PASS
Band25	3MHz	16QAM	26675	8RB#7	22.17	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.80	PASS
Band25	3MHz	16QAM	26675	15RB#0	22.00	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.77	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.89	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.73	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.88	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.81	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.93	PASS
Band25	5MHz	QPSK	26065	12RB#0	22.84	PASS
Band25	5MHz	16QAM	26065	12RB#0	21.82	PASS
Band25	5MHz	QPSK	26065	12RB#6	22.75	PASS
Band25	5MHz	16QAM	26065	12RB#6	21.90	PASS
Band25	5MHz	QPSK	26065	12RB#13	22.91	PASS
Band25	5MHz	16QAM	26065	12RB#13	22.16	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.86	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.94	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.65	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.77	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.94	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.75	PASS
Band25	5MHz	QPSK	26365	1RB#24	24.05	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.75	PASS
Band25	5MHz	QPSK	26365	12RB#0	22.92	PASS
Band25	5MHz	16QAM	26365	12RB#0	22.04	PASS
Band25	5MHz	QPSK	26365	12RB#6	22.56	PASS
Band25	5MHz	16QAM	26365	12RB#6	21.88	PASS
Band25	5MHz	QPSK	26365	12RB#13	22.95	PASS
Band25	5MHz	16QAM	26365	12RB#13	22.07	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.95	PASS
Band25	5MHz	16QAM	26365	25RB#0	22.00	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.58	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.56	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.59	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.65	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.79	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.96	PASS

Band25	5MHz	QPSK	26665	12RB#0	22.76	PASS
Band25	5MHz	16QAM	26665	12RB#0	21.63	PASS
Band25	5MHz	QPSK	26665	12RB#6	22.68	PASS
Band25	5MHz	16QAM	26665	12RB#6	21.65	PASS
Band25	5MHz	QPSK	26665	12RB#13	22.68	PASS
Band25	5MHz	16QAM	26665	12RB#13	21.82	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.54	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.80	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.74	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.84	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.86	PASS
Band25	10MHz	16QAM	26090	1RB#24	23.28	PASS
Band25	10MHz	QPSK	26090	1RB#49	24.02	PASS
Band25	10MHz	16QAM	26090	1RB#49	23.03	PASS
Band25	10MHz	QPSK	26090	25RB#0	22.91	PASS
Band25	10MHz	16QAM	26090	25RB#0	22.02	PASS
Band25	10MHz	QPSK	26090	25RB#12	22.98	PASS
Band25	10MHz	16QAM	26090	25RB#12	22.02	PASS
Band25	10MHz	QPSK	26090	25RB#25	22.91	PASS
Band25	10MHz	16QAM	26090	25RB#25	21.99	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.88	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.94	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.63	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.55	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.89	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.73	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.99	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.98	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.54	PASS
Band25	10MHz	16QAM	26365	25RB#0	21.99	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.74	PASS
Band25	10MHz	16QAM	26365	25RB#12	21.99	PASS
Band25	10MHz	QPSK	26365	25RB#25	22.97	PASS
Band25	10MHz	16QAM	26365	25RB#25	22.05	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.67	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.85	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.53	PASS
Band25	10MHz	16QAM	26640	1RB#0	23.20	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.55	PASS
Band25	10MHz	16QAM	26640	1RB#24	22.74	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.58	PASS
Band25	10MHz	16QAM	26640	1RB#49	21.69	PASS

Band25	10MHz	QPSK	26640	25RB#0	22.70	PASS
Band25	10MHz	16QAM	26640	25RB#0	21.75	PASS
Band25	10MHz	QPSK	26640	25RB#12	22.64	PASS
Band25	10MHz	16QAM	26640	25RB#12	21.75	PASS
Band25	10MHz	QPSK	26640	25RB#25	22.57	PASS
Band25	10MHz	16QAM	26640	25RB#25	21.73	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.61	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.70	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.88	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.72	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.75	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.80	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.44	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.57	PASS
Band25	15MHz	QPSK	26115	38RB#0	22.64	PASS
Band25	15MHz	16QAM	26115	38RB#0	22.61	PASS
Band25	15MHz	QPSK	26115	38RB#18	22.67	PASS
Band25	15MHz	16QAM	26115	38RB#18	22.74	PASS
Band25	15MHz	QPSK	26115	38RB#37	22.71	PASS
Band25	15MHz	16QAM	26115	38RB#37	22.69	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.75	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.75	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.50	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.66	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.53	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.88	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.53	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.58	PASS
Band25	15MHz	QPSK	26365	38RB#0	22.69	PASS
Band25	15MHz	16QAM	26365	38RB#0	22.66	PASS
Band25	15MHz	QPSK	26365	38RB#18	22.63	PASS
Band25	15MHz	16QAM	26365	38RB#18	22.61	PASS
Band25	15MHz	QPSK	26365	38RB#37	22.59	PASS
Band25	15MHz	16QAM	26365	38RB#37	22.57	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.54	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.68	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.57	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.94	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.38	PASS
Band25	15MHz	16QAM	26615	1RB#38	23.15	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.25	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.73	PASS

Band25	15MHz	QPSK	26615	38RB#0	22.47	PASS
Band25	15MHz	16QAM	26615	38RB#0	22.47	PASS
Band25	15MHz	QPSK	26615	38RB#18	22.46	PASS
Band25	15MHz	16QAM	26615	38RB#18	22.54	PASS
Band25	15MHz	QPSK	26615	38RB#37	22.51	PASS
Band25	15MHz	16QAM	26615	38RB#37	22.49	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.47	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.54	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.78	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.76	PASS
Band25	20MHz	QPSK	26140	1RB#49	24.29	PASS
Band25	20MHz	16QAM	26140	1RB#49	23.16	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.81	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.88	PASS
Band25	20MHz	QPSK	26140	50RB#0	22.99	PASS
Band25	20MHz	16QAM	26140	50RB#0	22.14	PASS
Band25	20MHz	QPSK	26140	50RB#25	23.00	PASS
Band25	20MHz	16QAM	26140	50RB#25	22.14	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.87	PASS
Band25	20MHz	16QAM	26140	50RB#50	22.07	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.92	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.90	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.73	PASS
Band25	20MHz	16QAM	26365	1RB#0	23.39	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.79	PASS
Band25	20MHz	16QAM	26365	1RB#49	23.49	PASS
Band25	20MHz	QPSK	26365	1RB#99	24.01	PASS
Band25	20MHz	16QAM	26365	1RB#99	23.36	PASS
Band25	20MHz	QPSK	26365	50RB#0	22.69	PASS
Band25	20MHz	16QAM	26365	50RB#0	21.77	PASS
Band25	20MHz	QPSK	26365	50RB#25	22.78	PASS
Band25	20MHz	16QAM	26365	50RB#25	21.86	PASS
Band25	20MHz	QPSK	26365	50RB#50	23.00	PASS
Band25	20MHz	16QAM	26365	50RB#50	22.01	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.80	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.87	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.99	PASS
Band25	20MHz	16QAM	26590	1RB#0	23.00	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.77	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.77	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.59	PASS
Band25	20MHz	16QAM	26590	1RB#99	21.69	PASS

Band25	20MHz	QPSK	26590	50RB#0	22.92	PASS
Band25	20MHz	16QAM	26590	50RB#0	21.96	PASS
Band25	20MHz	QPSK	26590	50RB#25	22.87	PASS
Band25	20MHz	16QAM	26590	50RB#25	21.97	PASS
Band25	20MHz	QPSK	26590	50RB#50	22.61	PASS
Band25	20MHz	16QAM	26590	50RB#50	21.71	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.79	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.82	PASS

Band 26(814-824MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.70	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.41	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.91	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.36	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.84	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.79	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	22.95	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	21.84	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.92	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	21.81	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.03	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	21.70	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.90	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.89	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.69	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.76	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.76	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.83	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.85	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.98	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	21.66	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.79	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	21.72	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.84	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	21.61	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.88	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.95	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.72	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.19	PASS

Band26	1.4MHz	QPSK	26783	1RB#2	22.63	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.18	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.59	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.54	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.98	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	21.70	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.67	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	21.57	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.83	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.56	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.77	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.95	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.83	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.91	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.64	PASS
Band26	3MHz	16QAM	26705	1RB#8	21.77	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.92	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.84	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.00	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.09	PASS
Band26	3MHz	QPSK	26705	8RB#4	21.91	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.09	PASS
Band26	3MHz	QPSK	26705	8RB#7	21.78	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.08	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.94	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.94	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.92	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.84	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.65	PASS
Band26	3MHz	16QAM	26740	1RB#8	21.83	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.90	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.88	PASS
Band26	3MHz	QPSK	26740	8RB#0	21.93	PASS
Band26	3MHz	16QAM	26740	8RB#0	20.83	PASS
Band26	3MHz	QPSK	26740	8RB#4	21.94	PASS
Band26	3MHz	16QAM	26740	8RB#4	20.93	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.79	PASS
Band26	3MHz	16QAM	26740	8RB#7	20.98	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.88	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.87	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.72	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.91	PASS

Band26	3MHz	QPSK	26775	1RB#8	22.66	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.87	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.92	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.87	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.78	PASS
Band26	3MHz	16QAM	26775	8RB#0	20.90	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.80	PASS
Band26	3MHz	16QAM	26775	8RB#4	20.79	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.77	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.09	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.86	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.78	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.78	PASS
Band26	5MHz	16QAM	26715	1RB#0	21.91	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.76	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.54	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.68	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.82	PASS
Band26	5MHz	QPSK	26715	12RB#0	21.90	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.06	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.01	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.07	PASS
Band26	5MHz	QPSK	26715	12RB#13	21.79	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.94	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.94	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.03	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.98	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.74	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.86	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.54	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.76	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.69	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.01	PASS
Band26	5MHz	16QAM	26740	12RB#0	20.96	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.94	PASS
Band26	5MHz	16QAM	26740	12RB#6	20.97	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.75	PASS
Band26	5MHz	16QAM	26740	12RB#13	20.89	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.89	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.95	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.74	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.99	PASS

Band26	5MHz	QPSK	26765	1RB#12	22.68	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.85	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.78	PASS
Band26	5MHz	16QAM	26765	1RB#24	21.88	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.75	PASS
Band26	5MHz	16QAM	26765	12RB#0	20.87	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.77	PASS
Band26	5MHz	16QAM	26765	12RB#6	20.87	PASS
Band26	5MHz	QPSK	26765	12RB#13	21.73	PASS
Band26	5MHz	16QAM	26765	12RB#13	20.82	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.90	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.01	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.12	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.06	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.86	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.98	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.50	PASS
Band26	10MHz	16QAM	26740	1RB#49	21.78	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.03	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.10	PASS
Band26	10MHz	QPSK	26740	25RB#12	21.97	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.11	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.86	PASS
Band26	10MHz	16QAM	26740	25RB#25	20.90	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.92	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.99	PASS

Band 26(824-849MHz)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	22.41	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	21.27	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	22.56	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	21.57	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	22.46	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	21.26	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	22.55	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	21.50	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	22.53	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	21.50	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	22.58	PASS

Band26	1.4MHz	16QAM	26797	3RB#3	21.44	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	21.65	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	20.40	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	22.41	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	21.52	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	22.37	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	21.89	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	22.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	21.48	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	22.60	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	21.44	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	22.48	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	21.43	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	22.52	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	21.31	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	21.47	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	20.62	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	22.55	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	21.64	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	22.68	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	21.92	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	22.56	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	21.67	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	22.75	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	21.53	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	22.83	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	21.29	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	22.62	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	21.40	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	21.70	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	20.64	PASS
Band26	3MHz	QPSK	26805	1RB#0	22.34	PASS
Band26	3MHz	16QAM	26805	1RB#0	21.51	PASS
Band26	3MHz	QPSK	26805	1RB#8	22.55	PASS
Band26	3MHz	16QAM	26805	1RB#8	21.39	PASS
Band26	3MHz	QPSK	26805	1RB#14	22.49	PASS
Band26	3MHz	16QAM	26805	1RB#14	21.50	PASS
Band26	3MHz	QPSK	26805	8RB#0	21.51	PASS
Band26	3MHz	16QAM	26805	8RB#0	20.71	PASS
Band26	3MHz	QPSK	26805	8RB#4	21.53	PASS
Band26	3MHz	16QAM	26805	8RB#4	20.62	PASS
Band26	3MHz	QPSK	26805	8RB#7	21.57	PASS

Band26	3MHz	16QAM	26805	8RB#7	20.66	PASS
Band26	3MHz	QPSK	26805	15RB#0	21.52	PASS
Band26	3MHz	16QAM	26805	15RB#0	20.57	PASS
Band26	3MHz	QPSK	26915	1RB#0	22.88	PASS
Band26	3MHz	16QAM	26915	1RB#0	21.77	PASS
Band26	3MHz	QPSK	26915	1RB#8	22.33	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.25	PASS
Band26	3MHz	QPSK	26915	1RB#14	22.47	PASS
Band26	3MHz	16QAM	26915	1RB#14	21.44	PASS
Band26	3MHz	QPSK	26915	8RB#0	21.61	PASS
Band26	3MHz	16QAM	26915	8RB#0	20.63	PASS
Band26	3MHz	QPSK	26915	8RB#4	21.65	PASS
Band26	3MHz	16QAM	26915	8RB#4	20.72	PASS
Band26	3MHz	QPSK	26915	8RB#7	21.40	PASS
Band26	3MHz	16QAM	26915	8RB#7	20.74	PASS
Band26	3MHz	QPSK	26915	15RB#0	21.55	PASS
Band26	3MHz	16QAM	26915	15RB#0	20.57	PASS
Band26	3MHz	QPSK	27025	1RB#0	22.69	PASS
Band26	3MHz	16QAM	27025	1RB#0	21.76	PASS
Band26	3MHz	QPSK	27025	1RB#8	22.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	21.51	PASS
Band26	3MHz	QPSK	27025	1RB#14	22.70	PASS
Band26	3MHz	16QAM	27025	1RB#14	21.73	PASS
Band26	3MHz	QPSK	27025	8RB#0	21.84	PASS
Band26	3MHz	16QAM	27025	8RB#0	20.86	PASS
Band26	3MHz	QPSK	27025	8RB#4	21.73	PASS
Band26	3MHz	16QAM	27025	8RB#4	21.00	PASS
Band26	3MHz	QPSK	27025	8RB#7	21.66	PASS
Band26	3MHz	16QAM	27025	8RB#7	20.88	PASS
Band26	3MHz	QPSK	27025	15RB#0	21.79	PASS
Band26	3MHz	16QAM	27025	15RB#0	20.74	PASS
Band26	5MHz	QPSK	26815	1RB#0	22.42	PASS
Band26	5MHz	16QAM	26815	1RB#0	21.44	PASS
Band26	5MHz	QPSK	26815	1RB#12	22.61	PASS
Band26	5MHz	16QAM	26815	1RB#12	21.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.58	PASS
Band26	5MHz	16QAM	26815	1RB#24	21.34	PASS
Band26	5MHz	QPSK	26815	12RB#0	21.48	PASS
Band26	5MHz	16QAM	26815	12RB#0	20.55	PASS
Band26	5MHz	QPSK	26815	12RB#6	21.40	PASS
Band26	5MHz	16QAM	26815	12RB#6	20.56	PASS
Band26	5MHz	QPSK	26815	12RB#13	21.45	PASS

Band26	5MHz	16QAM	26815	12RB#13	20.58	PASS
Band26	5MHz	QPSK	26815	25RB#0	21.49	PASS
Band26	5MHz	16QAM	26815	25RB#0	20.57	PASS
Band26	5MHz	QPSK	26915	1RB#0	22.73	PASS
Band26	5MHz	16QAM	26915	1RB#0	21.52	PASS
Band26	5MHz	QPSK	26915	1RB#12	22.55	PASS
Band26	5MHz	16QAM	26915	1RB#12	20.70	PASS
Band26	5MHz	QPSK	26915	1RB#24	22.53	PASS
Band26	5MHz	16QAM	26915	1RB#24	21.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	21.58	PASS
Band26	5MHz	16QAM	26915	12RB#0	20.76	PASS
Band26	5MHz	QPSK	26915	12RB#6	21.52	PASS
Band26	5MHz	16QAM	26915	12RB#6	20.78	PASS
Band26	5MHz	QPSK	26915	12RB#13	21.56	PASS
Band26	5MHz	16QAM	26915	12RB#13	20.60	PASS
Band26	5MHz	QPSK	26915	25RB#0	21.57	PASS
Band26	5MHz	16QAM	26915	25RB#0	20.59	PASS
Band26	5MHz	QPSK	27015	1RB#0	22.82	PASS
Band26	5MHz	16QAM	27015	1RB#0	21.81	PASS
Band26	5MHz	QPSK	27015	1RB#12	22.57	PASS
Band26	5MHz	16QAM	27015	1RB#12	21.27	PASS
Band26	5MHz	QPSK	27015	1RB#24	22.81	PASS
Band26	5MHz	16QAM	27015	1RB#24	21.83	PASS
Band26	5MHz	QPSK	27015	12RB#0	21.76	PASS
Band26	5MHz	16QAM	27015	12RB#0	20.88	PASS
Band26	5MHz	QPSK	27015	12RB#6	21.71	PASS
Band26	5MHz	16QAM	27015	12RB#6	20.65	PASS
Band26	5MHz	QPSK	27015	12RB#13	21.71	PASS
Band26	5MHz	16QAM	27015	12RB#13	20.77	PASS
Band26	5MHz	QPSK	27015	25RB#0	21.76	PASS
Band26	5MHz	16QAM	27015	25RB#0	20.78	PASS
Band26	10MHz	QPSK	26840	1RB#0	22.34	PASS
Band26	10MHz	16QAM	26840	1RB#0	21.43	PASS
Band26	10MHz	QPSK	26840	1RB#24	22.39	PASS
Band26	10MHz	16QAM	26840	1RB#24	21.79	PASS
Band26	10MHz	QPSK	26840	1RB#49	22.38	PASS
Band26	10MHz	16QAM	26840	1RB#49	21.39	PASS
Band26	10MHz	QPSK	26840	25RB#0	21.52	PASS
Band26	10MHz	16QAM	26840	25RB#0	20.63	PASS
Band26	10MHz	QPSK	26840	25RB#12	21.52	PASS
Band26	10MHz	16QAM	26840	25RB#12	20.63	PASS
Band26	10MHz	QPSK	26840	25RB#25	21.60	PASS

Band26	10MHz	16QAM	26840	25RB#25	20.65	PASS
Band26	10MHz	QPSK	26840	50RB#0	21.47	PASS
Band26	10MHz	16QAM	26840	50RB#0	20.61	PASS
Band26	10MHz	QPSK	26915	1RB#0	22.70	PASS
Band26	10MHz	16QAM	26915	1RB#0	21.77	PASS
Band26	10MHz	QPSK	26915	1RB#24	22.48	PASS
Band26	10MHz	16QAM	26915	1RB#24	21.39	PASS
Band26	10MHz	QPSK	26915	1RB#49	22.65	PASS
Band26	10MHz	16QAM	26915	1RB#49	21.55	PASS
Band26	10MHz	QPSK	26915	25RB#0	21.63	PASS
Band26	10MHz	16QAM	26915	25RB#0	20.76	PASS
Band26	10MHz	QPSK	26915	25RB#12	21.76	PASS
Band26	10MHz	16QAM	26915	25RB#12	20.98	PASS
Band26	10MHz	QPSK	26915	25RB#25	21.58	PASS
Band26	10MHz	16QAM	26915	25RB#25	20.67	PASS
Band26	10MHz	QPSK	26915	50RB#0	21.55	PASS
Band26	10MHz	16QAM	26915	50RB#0	20.81	PASS
Band26	10MHz	QPSK	26990	1RB#0	22.35	PASS
Band26	10MHz	16QAM	26990	1RB#0	21.47	PASS
Band26	10MHz	QPSK	26990	1RB#24	22.69	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.00	PASS
Band26	10MHz	QPSK	26990	1RB#49	22.41	PASS
Band26	10MHz	16QAM	26990	1RB#49	21.67	PASS
Band26	10MHz	QPSK	26990	25RB#0	21.57	PASS
Band26	10MHz	16QAM	26990	25RB#0	20.73	PASS
Band26	10MHz	QPSK	26990	25RB#12	21.69	PASS
Band26	10MHz	16QAM	26990	25RB#12	20.67	PASS
Band26	10MHz	QPSK	26990	25RB#25	21.70	PASS
Band26	10MHz	16QAM	26990	25RB#25	20.78	PASS
Band26	10MHz	QPSK	26990	50RB#0	21.64	PASS
Band26	10MHz	16QAM	26990	50RB#0	20.61	PASS
Band26	15MHz	QPSK	26865	1RB#0	22.42	PASS
Band26	15MHz	16QAM	26865	1RB#0	21.40	PASS
Band26	15MHz	QPSK	26865	1RB#38	22.90	PASS
Band26	15MHz	16QAM	26865	1RB#38	21.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	22.31	PASS
Band26	15MHz	16QAM	26865	1RB#74	21.40	PASS
Band26	15MHz	QPSK	26865	38RB#0	21.50	PASS
Band26	15MHz	16QAM	26865	38RB#0	21.44	PASS
Band26	15MHz	QPSK	26865	38RB#18	21.44	PASS
Band26	15MHz	16QAM	26865	38RB#18	21.44	PASS
Band26	15MHz	QPSK	26865	38RB#37	21.43	PASS

Band26	15MHz	16QAM	26865	38RB#37	21.43	PASS
Band26	15MHz	QPSK	26865	75RB#0	21.43	PASS
Band26	15MHz	16QAM	26865	75RB#0	20.49	PASS
Band26	15MHz	QPSK	26915	1RB#0	22.33	PASS
Band26	15MHz	16QAM	26915	1RB#0	21.34	PASS
Band26	15MHz	QPSK	26915	1RB#38	22.38	PASS
Band26	15MHz	16QAM	26915	1RB#38	21.14	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.27	PASS
Band26	15MHz	16QAM	26915	1RB#74	21.55	PASS
Band26	15MHz	QPSK	26915	38RB#0	21.51	PASS
Band26	15MHz	16QAM	26915	38RB#0	21.52	PASS
Band26	15MHz	QPSK	26915	38RB#18	21.51	PASS
Band26	15MHz	16QAM	26915	38RB#18	21.51	PASS
Band26	15MHz	QPSK	26915	38RB#37	21.50	PASS
Band26	15MHz	16QAM	26915	38RB#37	21.50	PASS
Band26	15MHz	QPSK	26915	75RB#0	21.58	PASS
Band26	15MHz	16QAM	26915	75RB#0	20.70	PASS
Band26	15MHz	QPSK	26965	1RB#0	22.54	PASS
Band26	15MHz	16QAM	26965	1RB#0	21.46	PASS
Band26	15MHz	QPSK	26965	1RB#38	22.53	PASS
Band26	15MHz	16QAM	26965	1RB#38	21.49	PASS
Band26	15MHz	QPSK	26965	1RB#74	22.50	PASS
Band26	15MHz	16QAM	26965	1RB#74	21.59	PASS
Band26	15MHz	QPSK	26965	38RB#0	21.75	PASS
Band26	15MHz	16QAM	26965	38RB#0	21.76	PASS
Band26	15MHz	QPSK	26965	38RB#18	21.76	PASS
Band26	15MHz	16QAM	26965	38RB#18	21.75	PASS
Band26	15MHz	QPSK	26965	38RB#37	21.75	PASS
Band26	15MHz	16QAM	26965	38RB#37	21.75	PASS
Band26	15MHz	QPSK	26965	75RB#0	21.75	PASS
Band26	15MHz	16QAM	26965	75RB#0	20.84	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.97	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.91	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.01	PASS
Band41	5MHz	QPSK	39675	12RB#0	24.16	PASS
Band41	5MHz	QPSK	39675	12RB#6	24.10	PASS
Band41	5MHz	QPSK	39675	12RB#13	24.27	PASS
Band41	5MHz	QPSK	39675	25RB#0	24.22	PASS
Band41	5MHz	16QAM	39675	1RB#0	24.23	PASS

Band41	5MHz	16QAM	39675	1RB#12	24.35	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.38	PASS
Band41	5MHz	16QAM	39675	12RB#0	23.38	PASS
Band41	5MHz	16QAM	39675	12RB#6	23.32	PASS
Band41	5MHz	16QAM	39675	12RB#13	23.34	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.40	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.76	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.70	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.85	PASS
Band41	5MHz	QPSK	40620	12RB#0	24.01	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.99	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.92	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.02	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.10	PASS
Band41	5MHz	16QAM	40620	1RB#12	24.18	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.12	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.94	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.92	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.94	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.98	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.56	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.59	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.60	PASS
Band41	5MHz	QPSK	41565	12RB#0	24.75	PASS
Band41	5MHz	QPSK	41565	12RB#6	24.72	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.69	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.69	PASS
Band41	5MHz	16QAM	41565	1RB#0	25.04	PASS
Band41	5MHz	16QAM	41565	1RB#12	25.59	PASS
Band41	5MHz	16QAM	41565	1RB#24	25.47	PASS
Band41	5MHz	16QAM	41565	12RB#0	23.68	PASS
Band41	5MHz	16QAM	41565	12RB#6	23.72	PASS
Band41	5MHz	16QAM	41565	12RB#13	23.78	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.78	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.68	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.66	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.61	PASS
Band41	10MHz	QPSK	39700	25RB#0	24.71	PASS
Band41	10MHz	QPSK	39700	25RB#12	24.72	PASS
Band41	10MHz	QPSK	39700	25RB#25	24.69	PASS
Band41	10MHz	QPSK	39700	50RB#0	24.74	PASS
Band41	10MHz	16QAM	39700	1RB#0	24.63	PASS

Band41	10MHz	16QAM	39700	1RB#24	24.65	PASS
Band41	10MHz	16QAM	39700	1RB#49	24.71	PASS
Band41	10MHz	16QAM	39700	25RB#0	23.81	PASS
Band41	10MHz	16QAM	39700	25RB#12	23.79	PASS
Band41	10MHz	16QAM	39700	25RB#25	23.73	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.86	PASS
Band41	10MHz	QPSK	40620	1RB#0	25.18	PASS
Band41	10MHz	QPSK	40620	1RB#24	25.50	PASS
Band41	10MHz	QPSK	40620	1RB#49	25.38	PASS
Band41	10MHz	QPSK	40620	25RB#0	24.54	PASS
Band41	10MHz	QPSK	40620	25RB#12	24.39	PASS
Band41	10MHz	QPSK	40620	25RB#25	24.60	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.39	PASS
Band41	10MHz	16QAM	40620	1RB#0	24.49	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.69	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.27	PASS
Band41	10MHz	16QAM	40620	25RB#0	23.49	PASS
Band41	10MHz	16QAM	40620	25RB#12	23.50	PASS
Band41	10MHz	16QAM	40620	25RB#25	23.73	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.51	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.07	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.83	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.37	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.47	PASS
Band41	10MHz	QPSK	41540	25RB#12	24.22	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.07	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.91	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.50	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.84	PASS
Band41	10MHz	16QAM	41540	1RB#49	25.31	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.92	PASS
Band41	10MHz	16QAM	41540	25RB#12	24.18	PASS
Band41	10MHz	16QAM	41540	25RB#25	24.50	PASS
Band41	10MHz	16QAM	41540	50RB#0	24.08	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.67	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.49	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.59	PASS
Band41	15MHz	QPSK	39725	38RB#0	24.38	PASS
Band41	15MHz	QPSK	39725	38RB#18	24.38	PASS
Band41	15MHz	QPSK	39725	38RB#37	24.39	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.46	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.63	PASS

Band41	15MHz	16QAM	39725	1RB#38	24.49	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.57	PASS
Band41	15MHz	16QAM	39725	38RB#0	24.38	PASS
Band41	15MHz	16QAM	39725	38RB#18	24.38	PASS
Band41	15MHz	16QAM	39725	38RB#37	24.39	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.67	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.53	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.22	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.37	PASS
Band41	15MHz	QPSK	40620	38RB#0	24.51	PASS
Band41	15MHz	QPSK	40620	38RB#18	24.45	PASS
Band41	15MHz	QPSK	40620	38RB#37	24.51	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.51	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.58	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.30	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.44	PASS
Band41	15MHz	16QAM	40620	38RB#0	24.45	PASS
Band41	15MHz	16QAM	40620	38RB#18	24.51	PASS
Band41	15MHz	16QAM	40620	38RB#37	24.51	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.48	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.49	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.43	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.45	PASS
Band41	15MHz	QPSK	41515	38RB#0	25.15	PASS
Band41	15MHz	QPSK	41515	38RB#18	24.65	PASS
Band41	15MHz	QPSK	41515	38RB#37	24.63	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.61	PASS
Band41	15MHz	16QAM	41515	1RB#0	25.43	PASS
Band41	15MHz	16QAM	41515	1RB#38	25.41	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.30	PASS
Band41	15MHz	16QAM	41515	38RB#0	24.91	PASS
Band41	15MHz	16QAM	41515	38RB#18	24.38	PASS
Band41	15MHz	16QAM	41515	38RB#37	24.36	PASS
Band41	15MHz	16QAM	41515	75RB#0	24.31	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.45	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.41	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.27	PASS
Band41	20MHz	QPSK	39750	50RB#0	24.70	PASS
Band41	20MHz	QPSK	39750	50RB#25	24.66	PASS
Band41	20MHz	QPSK	39750	50RB#50	24.49	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.58	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.97	PASS

Band41	20MHz	16QAM	39750	1RB#49	25.13	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.86	PASS
Band41	20MHz	16QAM	39750	50RB#0	23.85	PASS
Band41	20MHz	16QAM	39750	50RB#25	23.86	PASS
Band41	20MHz	16QAM	39750	50RB#50	23.68	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.71	PASS
Band41	20MHz	QPSK	40620	1RB#0	25.34	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.70	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.25	PASS
Band41	20MHz	QPSK	40620	50RB#0	24.54	PASS
Band41	20MHz	QPSK	40620	50RB#25	24.55	PASS
Band41	20MHz	QPSK	40620	50RB#50	24.50	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.58	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.47	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.54	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.97	PASS
Band41	20MHz	16QAM	40620	50RB#0	23.63	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.64	PASS
Band41	20MHz	16QAM	40620	50RB#50	23.59	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.60	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.28	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.02	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.21	PASS
Band41	20MHz	QPSK	41490	50RB#0	24.78	PASS
Band41	20MHz	QPSK	41490	50RB#25	24.53	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.83	PASS
Band41	20MHz	QPSK	41490	100RB#0	25.33	PASS
Band41	20MHz	16QAM	41490	1RB#0	25.27	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.87	PASS
Band41	20MHz	16QAM	41490	1RB#99	24.86	PASS
Band41	20MHz	16QAM	41490	50RB#0	24.42	PASS
Band41	20MHz	16QAM	41490	50RB#25	23.94	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.99	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.60	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	24.09	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.06	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.27	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.21	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	24.12	PASS

Band66	1.4MHz	16QAM	131979	1RB#5	23.26	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	24.23	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	23.19	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	24.10	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	23.21	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	24.11	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	23.39	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.27	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	22.23	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	24.02	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.90	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	24.20	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.22	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	24.11	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.96	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	24.13	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	23.16	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	24.20	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	23.14	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.96	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	23.23	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.04	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	22.33	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.05	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.21	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.04	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.47	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.92	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.24	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	24.38	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	23.08	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	24.26	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	23.14	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	24.17	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	23.10	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.28	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.30	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.36	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.41	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.04	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.27	PASS
Band66	3MHz	QPSK	131987	1RB#14	24.06	PASS

Band66	3MHz	16QAM	131987	1RB#14	23.43	PASS
Band66	3MHz	QPSK	131987	8RB#0	23.48	PASS
Band66	3MHz	16QAM	131987	8RB#0	22.55	PASS
Band66	3MHz	QPSK	131987	8RB#4	23.51	PASS
Band66	3MHz	16QAM	131987	8RB#4	22.62	PASS
Band66	3MHz	QPSK	131987	8RB#7	23.45	PASS
Band66	3MHz	16QAM	131987	8RB#7	22.56	PASS
Band66	3MHz	QPSK	131987	15RB#0	23.54	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.52	PASS
Band66	3MHz	QPSK	132322	1RB#0	24.10	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.20	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.99	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.14	PASS
Band66	3MHz	QPSK	132322	1RB#14	24.14	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.19	PASS
Band66	3MHz	QPSK	132322	8RB#0	23.36	PASS
Band66	3MHz	16QAM	132322	8RB#0	22.22	PASS
Band66	3MHz	QPSK	132322	8RB#4	23.16	PASS
Band66	3MHz	16QAM	132322	8RB#4	22.29	PASS
Band66	3MHz	QPSK	132322	8RB#7	23.05	PASS
Band66	3MHz	16QAM	132322	8RB#7	22.47	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.14	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.12	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.22	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.40	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.06	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.98	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.03	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.24	PASS
Band66	3MHz	QPSK	132657	8RB#0	23.44	PASS
Band66	3MHz	16QAM	132657	8RB#0	22.57	PASS
Band66	3MHz	QPSK	132657	8RB#4	23.43	PASS
Band66	3MHz	16QAM	132657	8RB#4	22.54	PASS
Band66	3MHz	QPSK	132657	8RB#7	23.21	PASS
Band66	3MHz	16QAM	132657	8RB#7	22.50	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.35	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.55	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.34	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.38	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.22	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.93	PASS
Band66	5MHz	QPSK	131997	1RB#24	24.18	PASS

Band66	5MHz	16QAM	131997	1RB#24	23.48	PASS
Band66	5MHz	QPSK	131997	12RB#0	23.44	PASS
Band66	5MHz	16QAM	131997	12RB#0	22.46	PASS
Band66	5MHz	QPSK	131997	12RB#6	23.46	PASS
Band66	5MHz	16QAM	131997	12RB#6	22.55	PASS
Band66	5MHz	QPSK	131997	12RB#13	23.33	PASS
Band66	5MHz	16QAM	131997	12RB#13	22.52	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.40	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.61	PASS
Band66	5MHz	QPSK	132322	1RB#0	24.37	PASS
Band66	5MHz	16QAM	132322	1RB#0	23.38	PASS
Band66	5MHz	QPSK	132322	1RB#12	24.06	PASS
Band66	5MHz	16QAM	132322	1RB#12	23.11	PASS
Band66	5MHz	QPSK	132322	1RB#24	24.12	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.29	PASS
Band66	5MHz	QPSK	132322	12RB#0	23.28	PASS
Band66	5MHz	16QAM	132322	12RB#0	22.26	PASS
Band66	5MHz	QPSK	132322	12RB#6	23.23	PASS
Band66	5MHz	16QAM	132322	12RB#6	22.28	PASS
Band66	5MHz	QPSK	132322	12RB#13	23.09	PASS
Band66	5MHz	16QAM	132322	12RB#13	22.15	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.22	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.30	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.15	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.33	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.78	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.96	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.08	PASS
Band66	5MHz	QPSK	132647	12RB#0	23.42	PASS
Band66	5MHz	16QAM	132647	12RB#0	22.39	PASS
Band66	5MHz	QPSK	132647	12RB#6	23.40	PASS
Band66	5MHz	16QAM	132647	12RB#6	22.41	PASS
Band66	5MHz	QPSK	132647	12RB#13	23.18	PASS
Band66	5MHz	16QAM	132647	12RB#13	22.39	PASS
Band66	5MHz	QPSK	132647	25RB#0	23.30	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.28	PASS
Band66	10MHz	QPSK	132022	1RB#0	24.20	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.40	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.18	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.38	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.43	PASS

Band66	10MHz	16QAM	132022	1RB#49	23.53	PASS
Band66	10MHz	QPSK	132022	25RB#0	23.52	PASS
Band66	10MHz	16QAM	132022	25RB#0	22.61	PASS
Band66	10MHz	QPSK	132022	25RB#12	23.54	PASS
Band66	10MHz	16QAM	132022	25RB#12	22.61	PASS
Band66	10MHz	QPSK	132022	25RB#25	23.54	PASS
Band66	10MHz	16QAM	132022	25RB#25	22.61	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.51	PASS
Band66	10MHz	16QAM	132022	50RB#0	22.51	PASS
Band66	10MHz	QPSK	132322	1RB#0	24.08	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.34	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.25	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.51	PASS
Band66	10MHz	QPSK	132322	1RB#49	24.13	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.27	PASS
Band66	10MHz	QPSK	132322	25RB#0	23.46	PASS
Band66	10MHz	16QAM	132322	25RB#0	22.44	PASS
Band66	10MHz	QPSK	132322	25RB#12	23.28	PASS
Band66	10MHz	16QAM	132322	25RB#12	22.46	PASS
Band66	10MHz	QPSK	132322	25RB#25	23.24	PASS
Band66	10MHz	16QAM	132322	25RB#25	22.40	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.25	PASS
Band66	10MHz	16QAM	132322	50RB#0	22.30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.99	PASS
Band66	10MHz	16QAM	132622	1RB#0	23.29	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.39	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.59	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.89	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.09	PASS
Band66	10MHz	QPSK	132622	25RB#0	23.34	PASS
Band66	10MHz	16QAM	132622	25RB#0	22.22	PASS
Band66	10MHz	QPSK	132622	25RB#12	23.29	PASS
Band66	10MHz	16QAM	132622	25RB#12	22.32	PASS
Band66	10MHz	QPSK	132622	25RB#25	23.07	PASS
Band66	10MHz	16QAM	132622	25RB#25	22.26	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.21	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.28	PASS
Band66	15MHz	QPSK	132047	1RB#0	24.39	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.49	PASS
Band66	15MHz	QPSK	132047	1RB#38	24.25	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.13	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.45	PASS

Band66	15MHz	16QAM	132047	1RB#74	23.56	PASS
Band66	15MHz	QPSK	132047	38RB#0	23.66	PASS
Band66	15MHz	16QAM	132047	38RB#0	23.63	PASS
Band66	15MHz	QPSK	132047	38RB#18	23.59	PASS
Band66	15MHz	16QAM	132047	38RB#18	23.73	PASS
Band66	15MHz	QPSK	132047	38RB#37	23.70	PASS
Band66	15MHz	16QAM	132047	38RB#37	23.67	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.64	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.74	PASS
Band66	15MHz	QPSK	132322	1RB#0	24.38	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.53	PASS
Band66	15MHz	QPSK	132322	1RB#38	24.23	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.80	PASS
Band66	15MHz	QPSK	132322	1RB#74	24.27	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.40	PASS
Band66	15MHz	QPSK	132322	38RB#0	23.39	PASS
Band66	15MHz	16QAM	132322	38RB#0	23.32	PASS
Band66	15MHz	QPSK	132322	38RB#18	23.32	PASS
Band66	15MHz	16QAM	132322	38RB#18	23.33	PASS
Band66	15MHz	QPSK	132322	38RB#37	23.33	PASS
Band66	15MHz	16QAM	132322	38RB#37	23.34	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.34	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.41	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.89	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.05	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.95	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.13	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.04	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.94	PASS
Band66	15MHz	QPSK	132597	38RB#0	23.17	PASS
Band66	15MHz	16QAM	132597	38RB#0	23.05	PASS
Band66	15MHz	QPSK	132597	38RB#18	23.10	PASS
Band66	15MHz	16QAM	132597	38RB#18	23.06	PASS
Band66	15MHz	QPSK	132597	38RB#37	23.11	PASS
Band66	15MHz	16QAM	132597	38RB#37	23.08	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.15	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.23	PASS
Band66	20MHz	QPSK	132072	1RB#0	24.38	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.47	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.61	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.83	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.36	PASS

Band66	20MHz	16QAM	132072	1RB#99	23.42	PASS
Band66	20MHz	QPSK	132072	50RB#0	23.28	PASS
Band66	20MHz	16QAM	132072	50RB#0	22.51	PASS
Band66	20MHz	QPSK	132072	50RB#25	23.45	PASS
Band66	20MHz	16QAM	132072	50RB#25	22.57	PASS
Band66	20MHz	QPSK	132072	50RB#50	23.48	PASS
Band66	20MHz	16QAM	132072	50RB#50	22.63	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.53	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.59	PASS
Band66	20MHz	QPSK	132322	1RB#0	24.37	PASS
Band66	20MHz	16QAM	132322	1RB#0	23.57	PASS
Band66	20MHz	QPSK	132322	1RB#49	24.39	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.79	PASS
Band66	20MHz	QPSK	132322	1RB#99	24.37	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.15	PASS
Band66	20MHz	QPSK	132322	50RB#0	23.37	PASS
Band66	20MHz	16QAM	132322	50RB#0	22.43	PASS
Band66	20MHz	QPSK	132322	50RB#25	23.39	PASS
Band66	20MHz	16QAM	132322	50RB#25	22.53	PASS
Band66	20MHz	QPSK	132322	50RB#50	23.25	PASS
Band66	20MHz	16QAM	132322	50RB#50	22.43	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.39	PASS
Band66	20MHz	16QAM	132322	100RB#0	22.44	PASS
Band66	20MHz	QPSK	132572	1RB#0	24.08	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.33	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.36	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.80	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.70	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.81	PASS
Band66	20MHz	QPSK	132572	50RB#0	23.18	PASS
Band66	20MHz	16QAM	132572	50RB#0	22.31	PASS
Band66	20MHz	QPSK	132572	50RB#25	23.25	PASS
Band66	20MHz	16QAM	132572	50RB#25	22.41	PASS
Band66	20MHz	QPSK	132572	50RB#50	23.23	PASS
Band66	20MHz	16QAM	132572	50RB#50	22.30	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.22	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.29	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.65	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.67	PASS

Band71	5MHz	QPSK	133147	1RB#12	23.00	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.91	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.98	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.82	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.81	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.81	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.75	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.84	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.77	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.66	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.62	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.75	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.78	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.29	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.72	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.72	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.59	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.56	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.59	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.66	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.61	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.66	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.69	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.68	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.66	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.64	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.61	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.68	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.84	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.64	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.73	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.68	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.72	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.65	PASS
Band71	5MHz	QPSK	133447	12RB#6	21.70	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.73	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.83	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.79	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.69	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.95	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.51	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.49	PASS

Band71	10MHz	QPSK	133172	1RB#24	22.84	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.92	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.56	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.63	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.76	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.79	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.73	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.85	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.74	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.80	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.83	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.64	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.98	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.98	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.86	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.71	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.99	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.75	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.89	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.92	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.06	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.88	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.00	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.80	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.83	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.61	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.75	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.84	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.89	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.95	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.90	PASS
Band71	10MHz	QPSK	133422	25RB#0	21.82	PASS
Band71	10MHz	16QAM	133422	25RB#0	20.76	PASS
Band71	10MHz	QPSK	133422	25RB#12	21.82	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.75	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.07	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.94	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.91	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.40	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.73	PASS

Band71	15MHz	QPSK	133197	1RB#38	22.60	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.70	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.47	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.67	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.32	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.30	PASS
Band71	15MHz	QPSK	133197	38RB#18	21.71	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.78	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.34	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.33	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.66	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.81	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.69	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.62	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.89	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.88	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.66	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.91	PASS
Band71	15MHz	QPSK	133297	38RB#0	22.21	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.31	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.46	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.29	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.15	PASS
Band71	15MHz	16QAM	133297	38RB#37	22.23	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.87	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.94	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.59	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.72	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.67	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.72	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.61	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.77	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.75	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.84	PASS
Band71	15MHz	QPSK	133397	38RB#18	21.90	PASS
Band71	15MHz	16QAM	133397	38RB#18	21.87	PASS
Band71	15MHz	QPSK	133397	38RB#37	21.74	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.74	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.92	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.95	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.39	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.06	PASS

Band71	20MHz	QPSK	133222	1RB#49	22.91	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.25	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.46	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.10	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.64	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.77	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.66	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.71	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.70	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.74	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.70	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.82	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.29	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.31	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.00	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.69	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.41	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.36	PASS
Band71	20MHz	QPSK	133322	50RB#0	21.74	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.85	PASS
Band71	20MHz	QPSK	133322	50RB#25	21.73	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.83	PASS
Band71	20MHz	QPSK	133322	50RB#50	21.70	PASS
Band71	20MHz	16QAM	133322	50RB#50	20.79	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.61	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.78	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.54	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.43	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.09	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.86	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.69	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.90	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.72	PASS
Band71	20MHz	16QAM	133372	50RB#0	20.77	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.74	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.77	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.82	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.86	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.83	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.77	PASS

Remark:

1. Per KDB941225 D05 v02r05, Start with the largest channel bandwidth then measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle, and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. 6 When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.
2. Per KDB941225 D05 v02r05, the procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
3. Per KDB941225 D05 v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations, and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB941225 D05 v02r05, for each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in 5.2.1, 5.2.2, and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

9.2 Test Results for Standalone SAR Test

Body SAR

LTE Band 2–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Frequ ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Horizontal-Up	1860	24.24	24.5	1.062	0.464	0.493
	QPSK 20MHz 1RB	Horizontal-Down	1860	24.24	24.5	1.062	0.864	0.917
	QPSK 20MHz 1RB	Vertical-Back	1860	24.24	24.5	1.062	0.817	0.867
	QPSK 20MHz 1RB	Vertical-Front	1860	24.24	24.5	1.062	0.179	0.190
	QPSK 20MHz 1RB	Top Side	1860	24.24	24.5	1.062	0.018	0.019
	QPSK 20MHz 1RB	Horizontal-Down	1880	23.99	24.5	1.125	0.824	0.927
1.	QPSK 20MHz 1RB	Horizontal-Down	1900	24.00	24.5	1.122	0.904	1.014
	QPSK 20MHz 1RB	Vertical-Back	1880	23.99	24.5	1.125	0.729	0.820
	QPSK 20MHz 1RB	Vertical-Back	1900	24.00	24.5	1.122	0.832	0.934
	QPSK20MHz50%RB	Horizontal-Up	1860	24.24	24.5	1.062	0.457	0.485
	QPSK20MHz50%RB	Horizontal-Down	1860	24.24	24.5	1.062	0.853	0.906
	QPSK20MHz50%RB	Vertical-Back	1860	24.24	24.5	1.062	0.811	0.861
	QPSK20MHz50%RB	Vertical-Front	1860	24.24	24.5	1.062	0.168	0.178
	QPSK20MHz50%RB	Top Side	1860	24.24	24.5	1.062	0.015	0.016
	QPSK20MHz50%RB	Horizontal-Down	1880	23.99	24.5	1.125	0.809	0.910
	QPSK20MHz50%RB	Horizontal-Down	1900	24.00	24.5	1.122	0.889	0.997
	QPSK20MHz50%RB	Vertical-Back	1880	23.99	24.5	1.125	0.718	0.807
	QPSK20MHz50%RB	Vertical-Back	1900	24.00	24.5	1.122	0.815	0.914

LTE Band 4–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Frequ ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Horizontal-Up	1720	24.80	25.0	1.047	0.455	0.476
2.	QPSK 20MHz 1RB	Horizontal-Down	1720	24.80	25.0	1.047	0.610	0.639
	QPSK 20MHz 1RB	Vertical-Back	1720	24.80	25.0	1.047	0.515	0.539
	QPSK 20MHz 1RB	Vertical-Front	1720	24.80	25.0	1.047	0.202	0.212
	QPSK 20MHz 1RB	Top Side	1720	24.80	25.0	1.047	0.013	0.014
	QPSK20MHz50%RB	Horizontal-Up	1720	24.80	25.0	1.047	0.445	0.466
	QPSK20MHz50%RB	Horizontal-Down	1720	24.80	25.0	1.047	0.601	0.629
	QPSK20MHz50%RB	Vertical-Back	1720	24.80	25.0	1.047	0.502	0.526
	QPSK20MHz50%RB	Vertical-Front	1720	24.80	25.0	1.047	0.193	0.202

	QPSK20MHz50%RB	Top Side	1720	24.80	25.0	1.047	0.010	0.010
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LTE Band 5–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Freque ncy	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Horizontal-Up	829	24.14	24.5	1.086	0.372	0.404
3.	QPSK 10MHz 1RB	Horizontal-Down	829	24.14	24.5	1.086	0.540	0.587
	QPSK 10MHz 1RB	Vertical-Back	829	24.14	24.5	1.086	0.325	0.353
	QPSK 10MHz 1RB	Vertical-Front	829	24.14	24.5	1.086	0.103	0.112
	QPSK 10MHz 1RB	Top Side	829	24.14	24.5	1.086	0.016	0.017
	QPSK10MHz50%RB	Horizontal-Up	829	24.14	24.5	1.086	0.355	0.386
	QPSK10MHz50%RB	Horizontal-Down	829	24.14	24.5	1.086	0.524	0.569
	QPSK10MHz50%RB	Vertical-Back	829	24.14	24.5	1.086	0.306	0.332
	QPSK10MHz50%RB	Vertical-Front	829	24.14	24.5	1.086	0.095	0.103
	QPSK10MHz50%RB	Top Side	829	24.14	24.5	1.086	0.011	0.012

LTE Band 12–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Freque ncy	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Horizontal-Up	711	23.33	24.0	1.167	0.282	0.329
4.	QPSK 10MHz 1RB	Horizontal-Down	711	23.33	24.0	1.167	0.421	0.491
	QPSK 10MHz 1RB	Vertical-Back	711	23.33	24.0	1.167	0.177	0.207
	QPSK 10MHz 1RB	Vertical-Front	711	23.33	24.0	1.167	0.039	0.046
	QPSK 10MHz 1RB	Top Side	711	23.33	24.0	1.167	0.018	0.021
	QPSK10MHz50%RB	Horizontal-Up	711	23.33	24.0	1.167	0.272	0.317
	QPSK10MHz50%RB	Horizontal-Down	711	23.33	24.0	1.167	0.413	0.482
	QPSK10MHz50%RB	Vertical-Back	711	23.33	24.0	1.167	0.161	0.188
	QPSK10MHz50%RB	Vertical-Front	711	23.33	24.0	1.167	0.030	0.035
	QPSK10MHz50%RB	Top Side	711	23.33	24.0	1.167	0.013	0.015

LTE Band 13–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Fre qu ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Horizontal-Up	782	23.96	24.5	1.132	0.362	0.410
5.	QPSK 10MHz 1RB	Horizontal-Down	782	23.96	24.5	1.132	0.523	0.592
	QPSK 10MHz 1RB	Vertical-Back	782	23.96	24.5	1.132	0.173	0.196
	QPSK 10MHz 1RB	Vertical-Front	782	23.96	24.5	1.132	0.082	0.093
	QPSK 10MHz 1RB	Top Side	782	23.96	24.5	1.132	0.025	0.028
	QPSK10MHz50%RB	Horizontal-Up	782	23.96	24.5	1.132	0.347	0.393
	QPSK10MHz50%RB	Horizontal-Down	782	23.96	24.5	1.132	0.509	0.576
	QPSK10MHz50%RB	Vertical-Back	782	23.96	24.5	1.132	0.158	0.179
	QPSK10MHz50%RB	Vertical-Front	782	23.96	24.5	1.132	0.075	0.085
	QPSK10MHz50%RB	Top Side	782	23.96	24.5	1.132	0.020	0.023

LTE Band 14–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Fre qu ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Horizontal-Up	793	23.27	24.0	1.183	0.300	0.355
6.	QPSK 10MHz 1RB	Horizontal-Down	793	23.27	24.0	1.183	0.450	0.532
	QPSK 10MHz 1RB	Vertical-Back	793	23.27	24.0	1.183	0.174	0.206
	QPSK 10MHz 1RB	Vertical-Front	793	23.27	24.0	1.183	0.056	0.066
	QPSK 10MHz 1RB	Top Side	793	23.27	24.0	1.183	0.024	0.028
	QPSK10MHz50%RB	Horizontal-Up	793	23.27	24.0	1.183	0.289	0.342
	QPSK10MHz50%RB	Horizontal-Down	793	23.27	24.0	1.183	0.435	0.515
	QPSK10MHz50%RB	Vertical-Back	793	23.27	24.0	1.183	0.163	0.193
	QPSK10MHz50%RB	Vertical-Front	793	23.27	24.0	1.183	0.049	0.058
	QPSK10MHz50%RB	Top Side	793	23.27	24.0	1.183	0.019	0.022

LTE Band 25–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Fre qu ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Horizontal-Up	1860	24.29	24.5	1.050	0.453	0.475
7.	QPSK 20MHz 1RB	Horizontal-Down	1860	24.29	24.5	1.050	0.834	0.875
	QPSK 20MHz 1RB	Vertical-Back	1860	24.29	24.5	1.050	0.527	0.553
	QPSK 20MHz 1RB	Vertical-Front	1860	24.29	24.5	1.050	0.113	0.119
	QPSK 20MHz 1RB	Top Side	1860	24.29	24.5	1.050	0.016	0.017
	QPSK 20MHz 1RB	Horizontal-Down	1882.5	24.01	24.5	1.119	0.810	0.907
	QPSK 20MHz 1RB	Horizontal-Down	1905	23.99	24.5	1.125	0.816	0.918
	QPSK20MHz50%RB	Horizontal-Up	1860	24.29	24.5	1.050	0.442	0.464
	QPSK20MHz50%RB	Horizontal-Down	1860	24.29	24.5	1.050	0.821	0.862
	QPSK20MHz50%RB	Vertical-Back	1860	24.29	24.5	1.050	0.511	0.536
	QPSK20MHz50%RB	Vertical-Front	1860	24.29	24.5	1.050	0.109	0.114
	QPSK20MHz50%RB	Top Side	1860	24.29	24.5	1.050	0.012	0.013
	QPSK20MHz50%RB	Horizontal-Down	1882.5	24.01	24.5	1.119	0.791	0.885
	QPSK20MHz50%RB	Horizontal-Down	1905	23.99	24.5	1.125	0.802	0.902

LTE Band 26(814-824MHz)–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Fre qu ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Horizontal-Up	819	23.12	23.5	1.091	0.315	0.344
8.	QPSK 10MHz 1RB	Horizontal-Down	819	23.12	23.5	1.091	0.431	0.470
	QPSK 10MHz 1RB	Vertical-Back	819	23.12	23.5	1.091	0.266	0.290
	QPSK 10MHz 1RB	Vertical-Front	819	23.12	23.5	1.091	0.073	0.080
	QPSK 10MHz 1RB	Top Side	819	23.12	23.5	1.091	0.011	0.012
	QPSK10MHz50%RB	Horizontal-Up	819	23.12	23.5	1.091	0.309	0.337
	QPSK10MHz50%RB	Horizontal-Down	819	23.12	23.5	1.091	0.421	0.459
	QPSK10MHz50%RB	Vertical-Back	819	23.12	23.5	1.091	0.252	0.275
	QPSK10MHz50%RB	Vertical-Front	819	23.12	23.5	1.091	0.067	0.073
	QPSK10MHz50%RB	Top Side	819	23.12	23.5	1.091	0.010	0.011

LTE Band 26(824-849MHz)–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Frequ ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 15MHz 1RB	Horizontal-Up	831	22.90	23.5	1.148	0.319	0.366
9.	QPSK 15MHz 1RB	Horizontal-Down	831	22.90	23.5	1.148	0.427	0.490
	QPSK 15MHz 1RB	Vertical-Back	831	22.90	23.5	1.148	0.247	0.284
	QPSK 15MHz 1RB	Vertical-Front	831	22.90	23.5	1.148	0.085	0.098
	QPSK 15MHz 1RB	Top Side	831	22.90	23.5	1.148	0.014	0.016
	QPSK15MHz50%RB	Horizontal-Up	831	22.90	23.5	1.148	0.305	0.350
	QPSK15MHz50%RB	Horizontal-Down	831	22.90	23.5	1.148	0.413	0.474
	QPSK15MHz50%RB	Vertical-Back	831	22.90	23.5	1.148	0.235	0.270
	QPSK15MHz50%RB	Vertical-Front	831	22.90	23.5	1.148	0.074	0.085
	QPSK15MHz50%RB	Top Side	831	22.90	23.5	1.148	0.011	0.013

LTE Band 41–Body SAR Test (Gap: 5mm)								
P I o t N o.	Mode	Test Position	Frequ ency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Horizontal-Up	2593	25.70	26.0	1.072	0.442	0.474
10	QPSK 20MHz 1RB	Horizontal-Down	2593	25.70	26.0	1.072	0.645	0.691
	QPSK 20MHz 1RB	Vertical-Back	2593	25.70	26.0	1.072	0.588	0.630
	QPSK 20MHz 1RB	Vertical-Front	2593	25.70	26.0	1.072	0.109	0.117
	QPSK 20MHz 1RB	Top Side	2593	25.70	26.0	1.072	0.027	0.029
	QPSK20MHz50%RB	Horizontal-Up	2593	25.70	26.0	1.072	0.431	0.462
	QPSK20MHz50%RB	Horizontal-Down	2593	25.70	26.0	1.072	0.632	0.677
	QPSK20MHz50%RB	Vertical-Back	2593	25.70	26.0	1.072	0.568	0.609
	QPSK20MHz50%RB	Vertical-Front	2593	25.70	26.0	1.072	0.100	0.107
	QPSK20MHz50%RB	Top Side	2593	25.70	26.0	1.072	0.024	0.026

LTE Band 66–Body SAR Test (Gap: 5mm)								
P o t N o.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Horizontal-Up	1720	24.61	25.0	1.094	0.644	0.705
	QPSK 20MHz 1RB	Horizontal-Down	1720	24.61	25.0	1.094	0.826	0.904
	QPSK 20MHz 1RB	Vertical-Back	1720	24.61	25.0	1.094	0.705	0.771
	QPSK 20MHz 1RB	Vertical-Front	1720	24.61	25.0	1.094	0.225	0.246
	QPSK 20MHz 1RB	Top Side	1720	24.61	25.0	1.094	0.010	0.011
	QPSK 20MHz 1RB	Horizontal-Down	1745	24.39	25.0	1.151	0.759	0.873
11.	QPSK 20MHz 1RB	Horizontal-Down	1770	24.36	25.0	1.159	0.803	0.930
	QPSK20MHz50%RB	Horizontal-Up	1720	24.61	25.0	1.094	0.631	0.690
	QPSK20MHz50%RB	Horizontal-Down	1720	24.61	25.0	1.094	0.812	0.888
	QPSK20MHz50%RB	Vertical-Back	1720	24.61	25.0	1.094	0.693	0.758
	QPSK20MHz50%RB	Vertical-Front	1720	24.61	25.0	1.094	0.211	0.231
	QPSK20MHz50%RB	Top Side	1720	24.61	25.0	1.094	0.008	0.009
	QPSK20MHz50%RB	Horizontal-Down	1745	24.39	25.0	1.151	0.741	0.853
	QPSK20MHz50%RB	Horizontal-Down	1770	24.36	25.0	1.159	0.785	0.910

LTE Band 71–Body SAR Test (Gap: 5mm)								
P o t N o.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Modulation, Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Horizontal-Up	688	23.09	23.5	1.099	0.317	0.348
12	QPSK 20MHz 1RB	Horizontal-Down	688	23.09	23.5	1.099	0.596	0.655
	QPSK 20MHz 1RB	Vertical-Back	688	23.09	23.5	1.099	0.278	0.306
	QPSK 20MHz 1RB	Vertical-Front	688	23.09	23.5	1.099	0.183	0.201
	QPSK 20MHz 1RB	Top Side	688	23.09	23.5	1.099	0.019	0.021
	QPSK20MHz50%RB	Horizontal-Up	688	23.09	23.5	1.099	0.310	0.341
	QPSK20MHz50%RB	Horizontal-Down	688	23.09	23.5	1.099	0.587	0.645
	QPSK20MHz50%RB	Vertical-Back	688	23.09	23.5	1.099	0.269	0.296
	QPSK20MHz50%RB	Vertical-Front	688	23.09	23.5	1.099	0.174	0.191
	QPSK20MHz50%RB	Top Side	688	23.09	23.5	1.099	0.015	0.016

Remark:

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

Repeated SAR

LTE Band 2–Body SAR Test (Gap: 0mm)							
Mode	Test Position	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Horizontal-D own	1860	0.864	0.845	/	1.022	/
QPSK 20MHz 1RB	Vertical-Back	1860	0.817	0.806	/	1.014	/
QPSK 20MHz 1RB	Horizontal-D own	1880	0.824	0.811	/	1.016	/
QPSK 20MHz 1RB	Horizontal-D own	1900	0.904	0.892	/	1.013	/
QPSK 20MHz 1RB	Vertical-Back	1900	0.832	0.814	/	1.022	/
QPSK 20MHz 50%RB	Horizontal-D own	1860	0.853	0.841	/	1.014	/
QPSK 20MHz 50%RB	Vertical-Back	1860	0.811	0.805	/	1.007	/
QPSK 20MHz 1RB	Horizontal-D own	1880	0.809	0.792	/	1.021	/
QPSK 20MHz 1RB	Horizontal-D own	1900	0.889	0.873	/	1.018	/
QPSK 20MHz 1RB	Vertical-Back	1900	0.815	0.801	/	1.017	/

LTE Band 25–Body SAR Test (Gap: 0mm)							
Mode	Test Position	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Horizontal-D own	1860	0.834	0.821	/	1.016	/
QPSK 20MHz 1RB	Horizontal-D own	1882.5	0.810	0.805	/	1.006	/
QPSK 20MHz 1RB	Horizontal-D own	1905	0.816	0.801	/	1.019	/
QPSK 20MHz 50%RB	Horizontal-D own	1860	0.821	0.805	/	1.020	/
QPSK 20MHz 50%RB	Horizontal-D own	1905	0.802	0.789	/	1.016	/

LTE Band 66–Body SAR Test (Gap: 0mm)							
Mode	Test Position	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Horizontal-D own	1720	0.826	0.811	/	1.018	/
QPSK 20MHz 1RB	Horizontal-D own	1770	0.803	0.792	/	1.014	/
QPSK 20MHz 50%RB	Horizontal-D own	1720	0.812	0.795	/	1.021	/

Remark:

- 1) Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position ≤ 0.8 W/kg other channels SAR tests are not necessary.
- 2) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 3) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 4) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 5) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

10. Measurement Uncertainty

10.1 Uncertainty for SAR Test

Input quantity X_i (source of uncertainty)	Ref.	Prob. Dist PDF_i	Unc. $a(x_i)$	Div. q_i	$u(x_i) =$ $a(x_i)/q_i$	c_i (1 g; 10 g)	$u(y) = c_i \cdot u(x_i)$	v_i or v_{eff}
Measurement System errors								
Probe calibration	8.4.1.1	N	7.00	2	3.5	1	3.5	∞
Probe calibration drift	8.4.1.2	R	0	$\sqrt{3}$	0	1	0	∞
Probe linearity and detection limit	8.4.1.3	R	5.00	$\sqrt{3}$	2.89	1	2.89	∞
Broadband signal	8.4.1.4	R	0	$\sqrt{3}$	0	1	0	∞
Probe isotropy	8.4.1.5	R	2.50	$\sqrt{3}$	1.44	1	1.44	∞
Other probe and data acquisition errors	8.4.1.6	N	0.02	1	0.02	1	0.02	∞
RF ambient and noise	8.4.1.7	N	0	1	0	1	0	∞
Probe positioning errors	8.4.1.8	N	1.40	1	1.40	$2/TM$	0.70	
Data processing errors	8.4.1.9	N	0.05	1	0.05	1	0.05	∞
Phantom and device (DUT or validation antenna) errors								
Measurement of phantom conductivity(σ)	8.4.2.1	N	4.00	1	4.00	$c_{\epsilon_s}, c_{\sigma}$	4.00	∞
Temperature effects (medium)	8.4.2.2	R	2.50	$\sqrt{3}$	1.44	$c_{\epsilon_s}, c_{\sigma}$	1.44	∞
Shell permittivity	8.4.2.3	R	5.00	$\sqrt{3}$	2.88	See 8.4.2.3	2.88	∞
Distance between the radiating element of the DUT and the phantom medium	8.4.2.4	N	0.03	1	0.03	2	0.02	∞
Repeatability of positioning the DUT or source against the phantom	8.4.2.5	N	0.05	1	0.05	1	0.05	5
Device holder effects	8.4.2.6	N	5.00	1	5.00	1	5.00	
Effect of operating mode on probe sensitivity	8.4.2.7	R	0	$\sqrt{3}$	0	1	0	∞
Time-average SAR	8.4.2.8	R	0	$\sqrt{3}$	0	1	0	∞
Variation in SAR due to drift in output of DUT	8.4.2.9	N	5.00	1	5.00	1	5.00	
Validation antenna uncertainty (validation measurement only)	8.4.2.10	N	0	1	0	1	0	
Uncertainty in accepted power	8.4.2.11	N	0	1	0	1	0	

(validation measurement only)								
Corrections to the SAR result								
Phantom deviation from target (ϵ', σ)	8.4.3.1	N	0.05	1	0.05	1	0.05	
SAR scaling	8.4.3.2	R	2.00	$\sqrt{3}$	1.15	1	1.15	
Combined Standard Uncertainty		RSS			10.11		10.11	$V_{\text{eff}}^{\text{C}}$
Expanded uncertainty, U		K=2			20.23		20.23	

Annex A. Plots of System Performance Check

MEASUREMENT 1

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2025-01-23
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2024-07-11

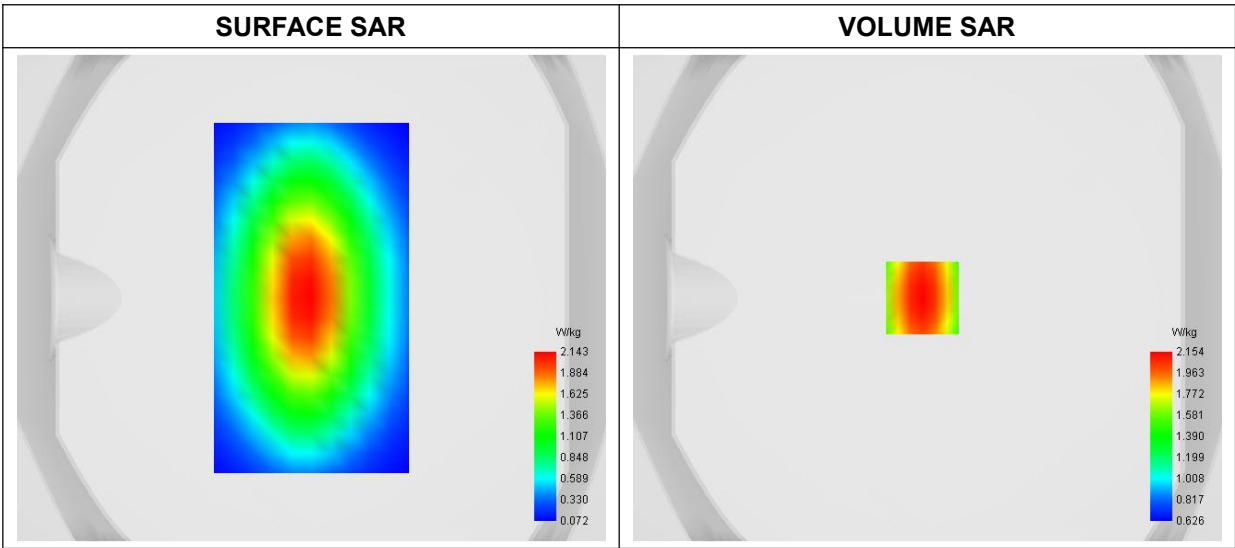
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative Permittivity (real part)	41.122824
Conductivity (S/m)	0.862347
Power Variation (%)	1.178100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



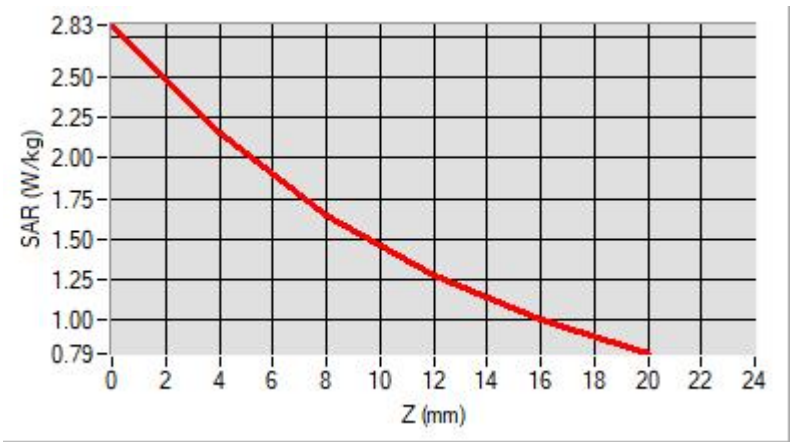
Maximum location: X=-2.00, Y=0.00

D. SAR 1g & 10g

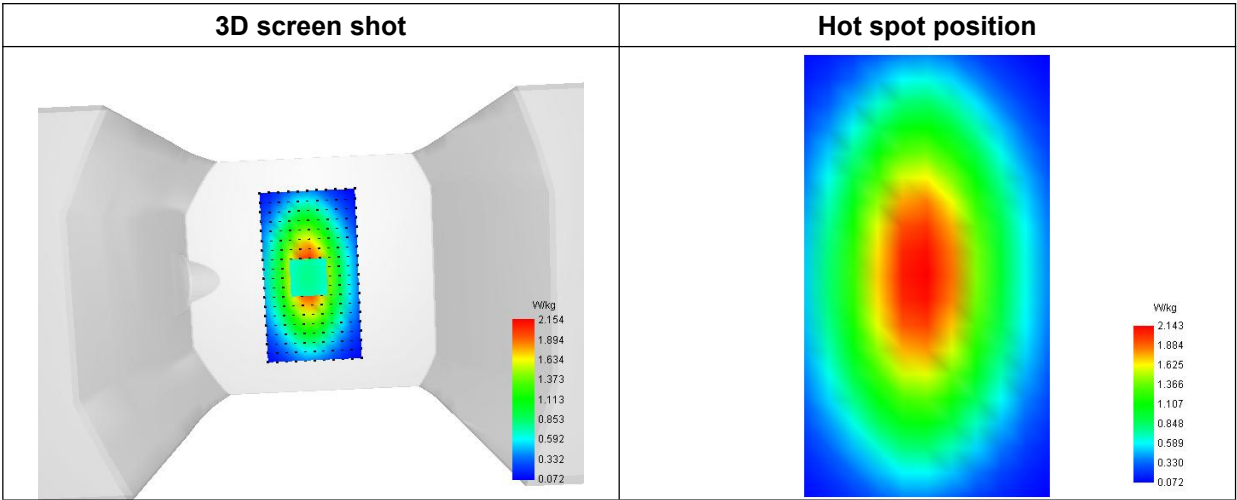
SAR 10g (W/Kg)	1.430855
SAR 1g (W/Kg)	2.051374

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	2.8268	2.1542	1.6473	1.2759	1.0033



F. 3D Image



MEASUREMENT 2

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2025-01-22
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2024-07-11

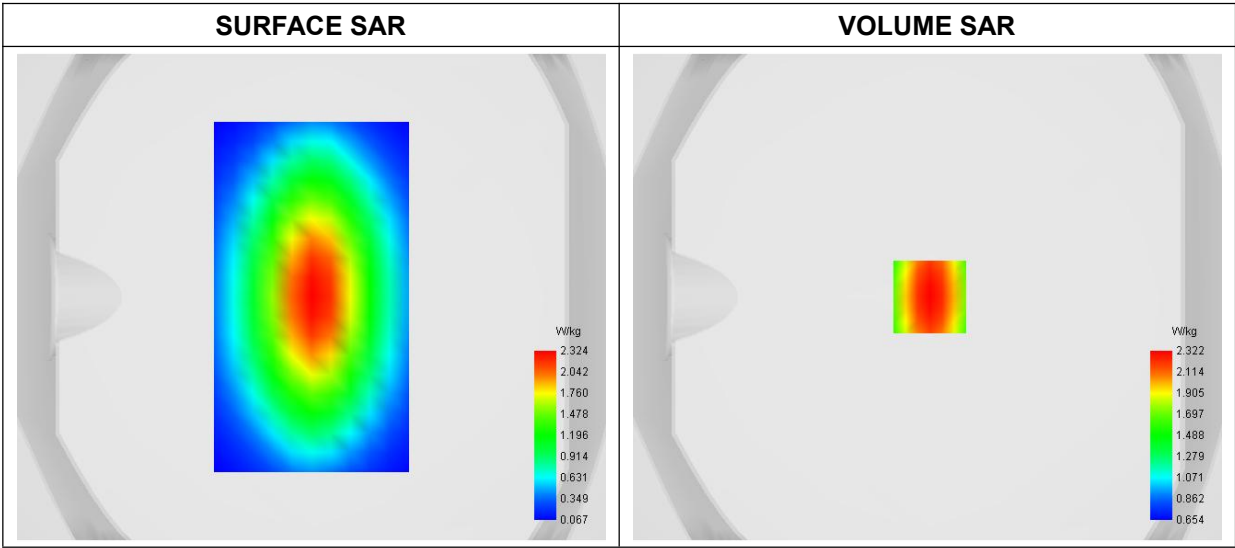
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative Permittivity (real part)	40.641524
Conductivity (S/m)	0.891417
Power Variation (%)	-1.884700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

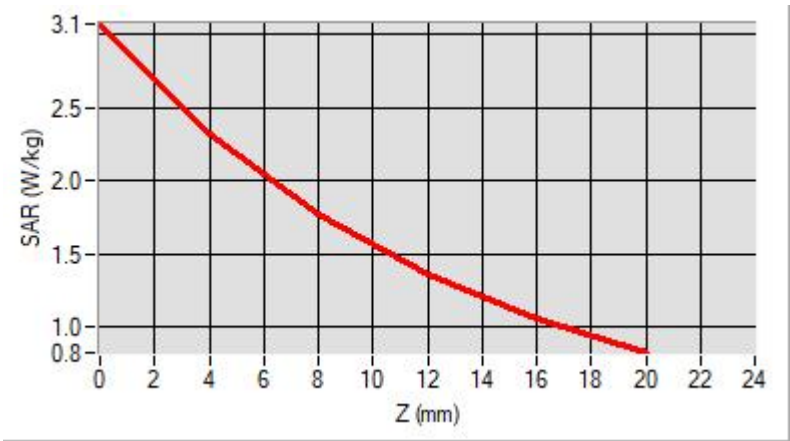


Maximum location: X=1.00, Y=0.00
D. SAR 1g & 10g

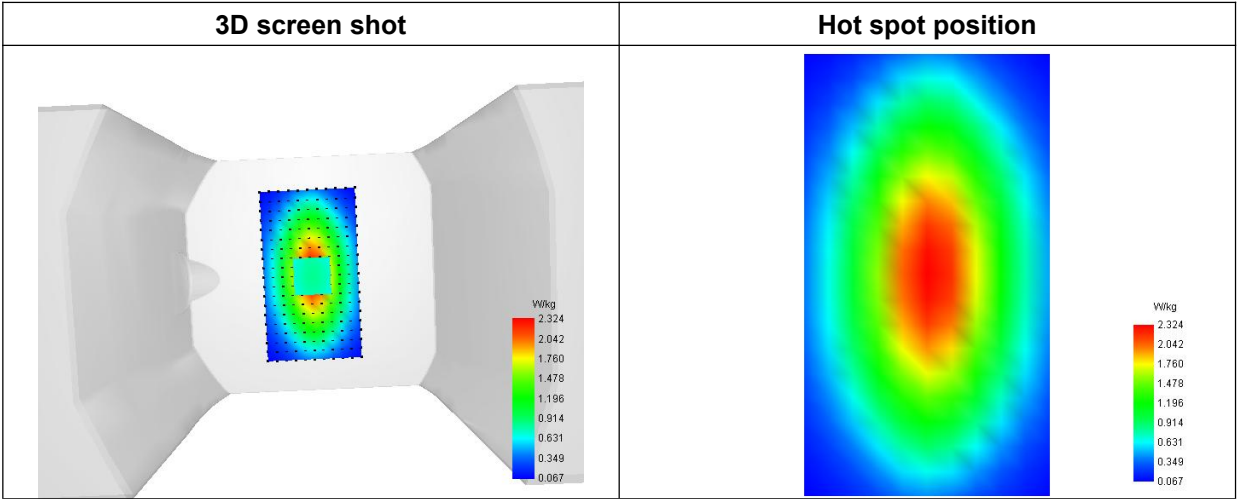
SAR 10g (W/Kg)	1.527360
SAR 1g (W/Kg)	2.210386

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	3.0677	2.3224	1.7644	1.3585	1.0631



F. 3D Image



MEASUREMENT 3

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2025-01-20
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2024-07-11

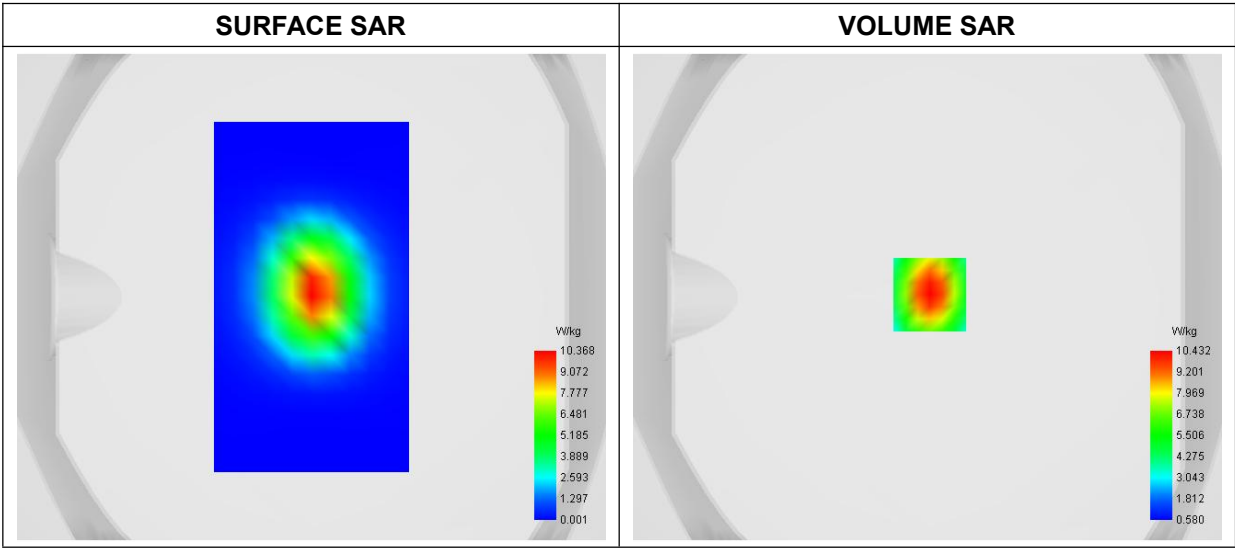
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative Permittivity (real part)	39.134447
Conductivity (S/m)	1.381851
Power Variation (%)	1.425800
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

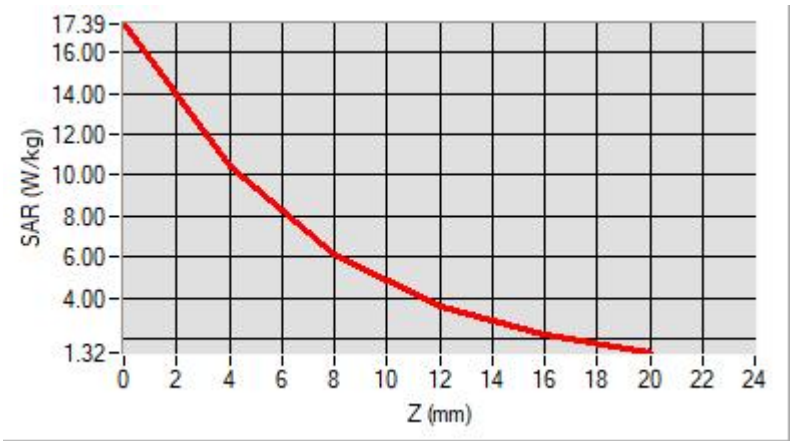


Maximum location: X=1.00, Y=1.00
D. SAR 1g & 10g

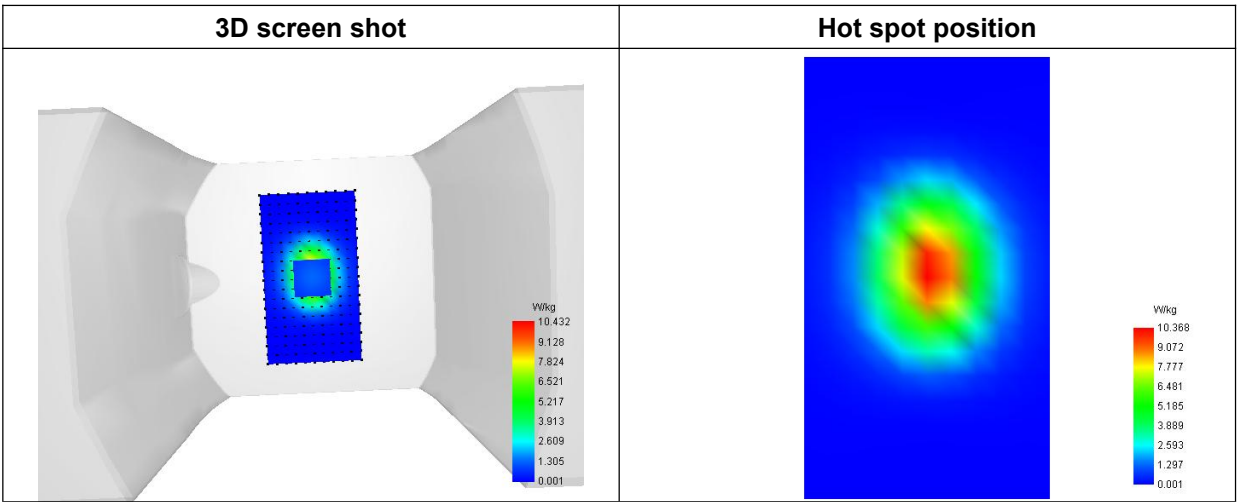
SAR 10g (W/Kg)	4.968858
SAR 1g (W/Kg)	9.623880

E. Z Axis Scan

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



F. 3D Image



MEASUREMENT 4

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2025-01-21
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2024-07-11

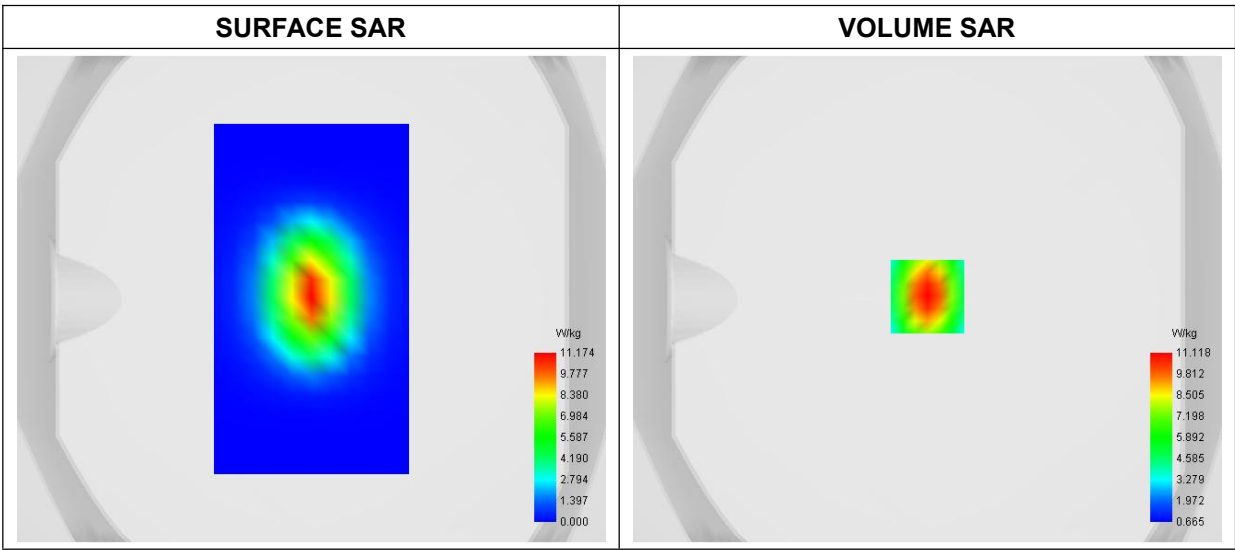
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	41.062574
Conductivity (S/m)	1.413135
Power Variation (%)	-1.224700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

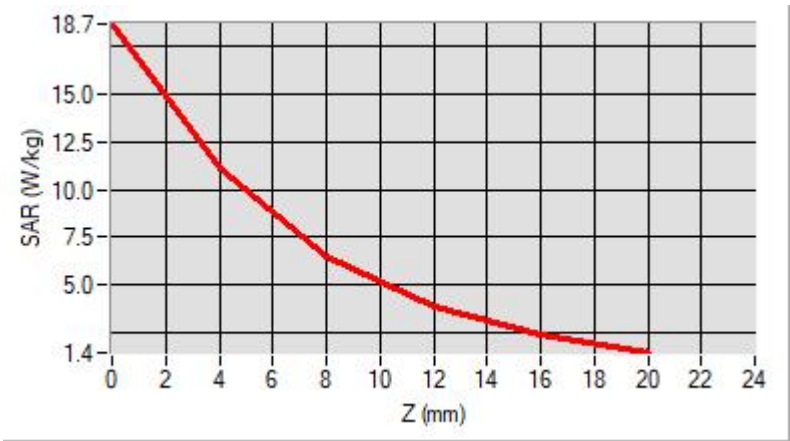


Maximum location: X=0.00, Y=1.00
D. SAR 1g & 10g

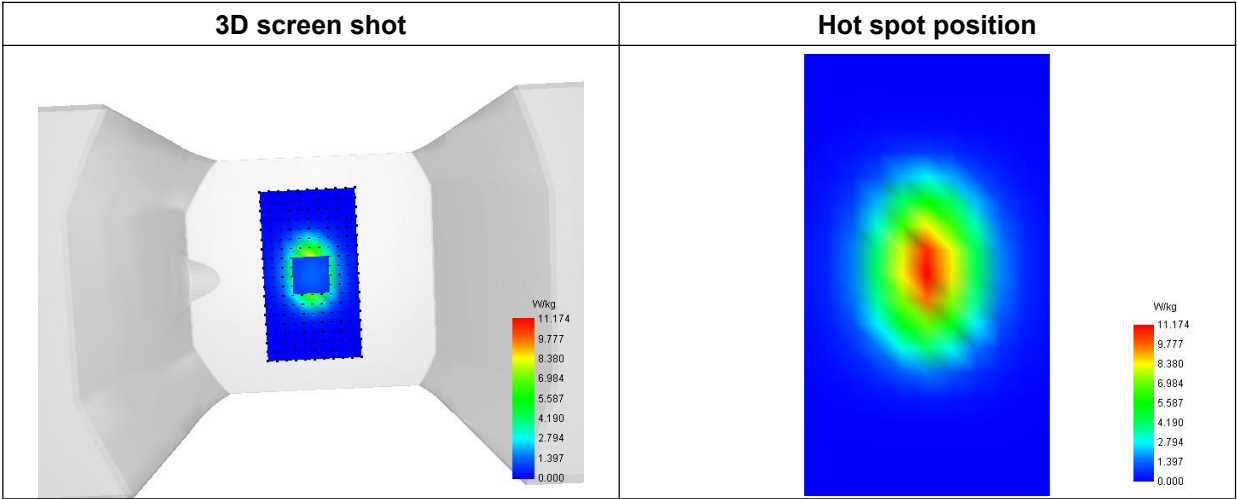
SAR 10g (W/Kg)	5.260825
SAR 1g (W/Kg)	10.222516

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	18.6940	11.1182	6.4717	3.8103	2.3414



F. 3D Image



MEASUREMENT 5

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2025-01-21
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2024-07-11

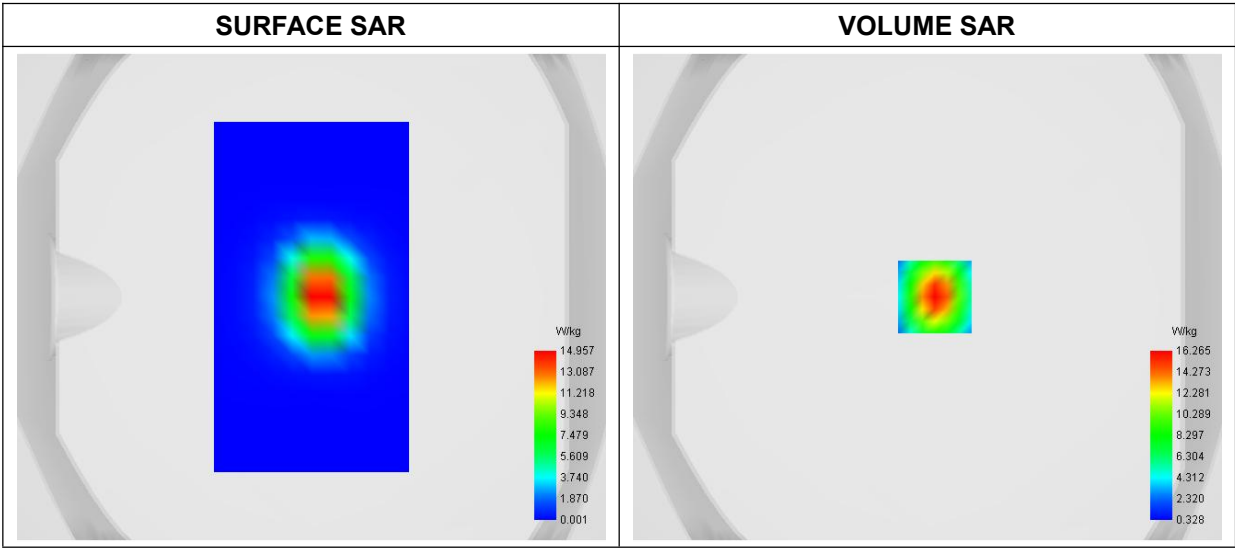
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	39.934541
Conductivity (S/m)	1.982478
Power Variation (%)	1.347100
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



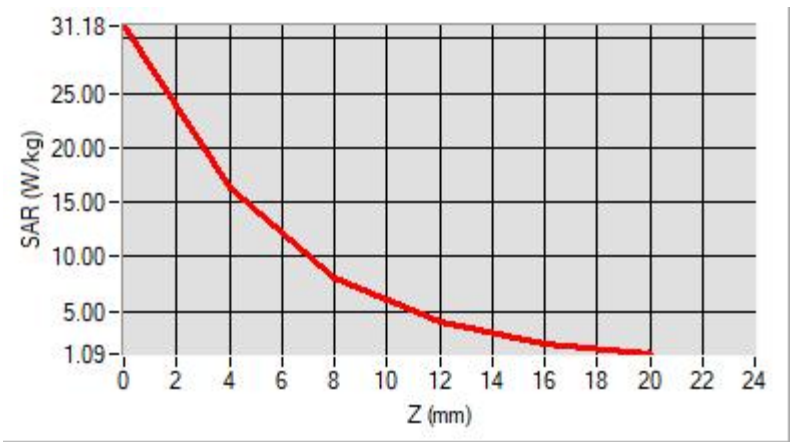
Maximum location: X=3.00, Y=0.00

D. SAR 1g & 10g

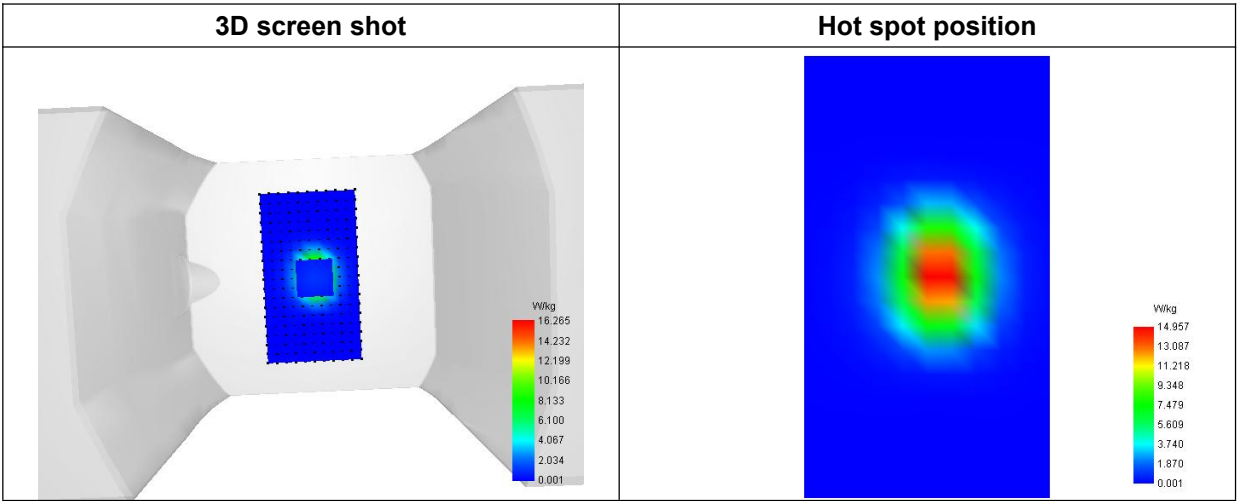
SAR 10g (W/Kg)	6.553727
SAR 1g (W/Kg)	14.814545

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	31.1802	16.2650	8.0339	3.9472	2.0732



F. 3D Image



Annex B. Plots of SAR Measurement

MEASUREMENT 1

Type: Measurement (Complete)
Date of measurement: 2025-01-21
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2024-07-11

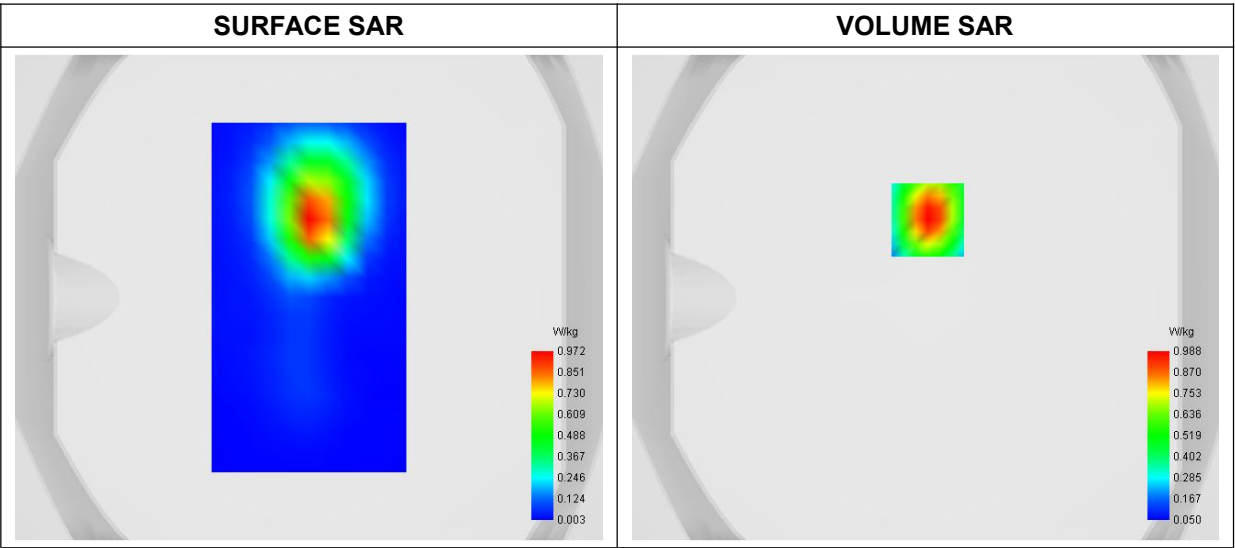
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	41.064245
Conductivity (S/m)	1.411245
Power Variation (%)	1.453600
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



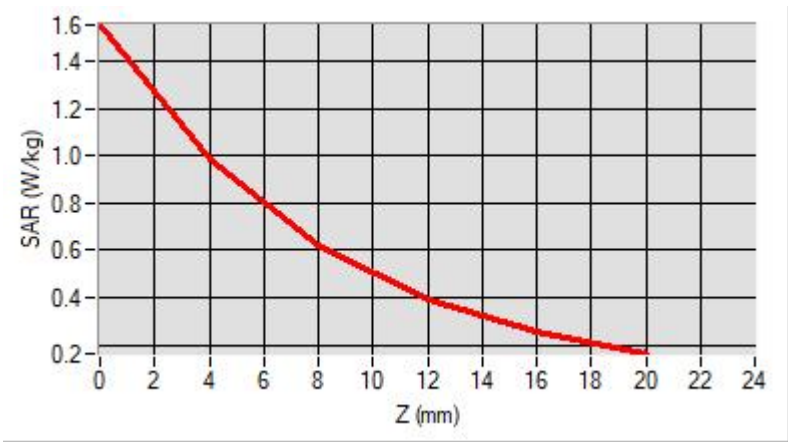
Maximum location: X=1.00, Y=32.00

D. SAR 1g & 10g

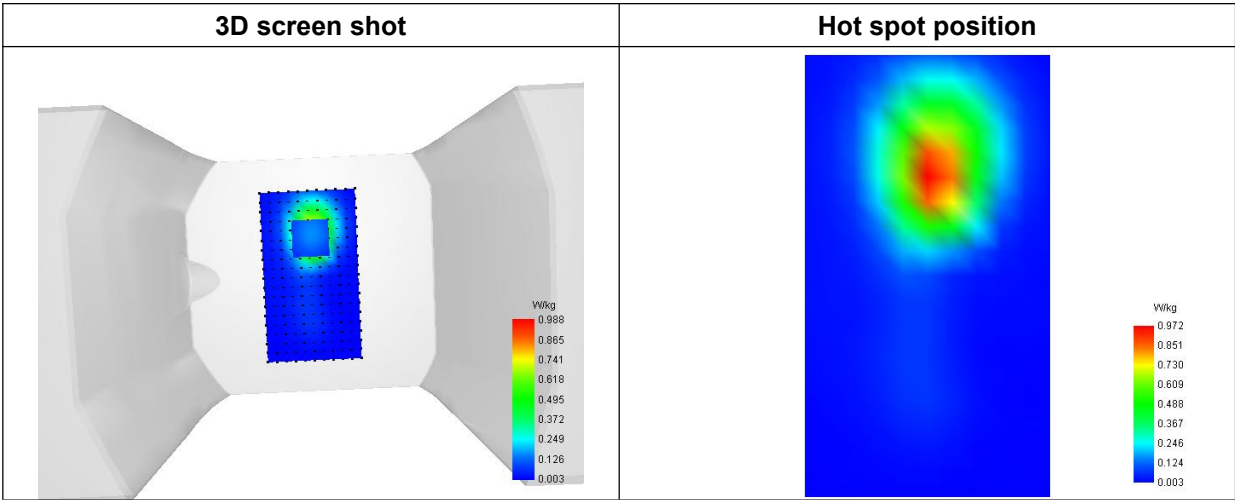
SAR 10g (W/Kg)	0.479549
SAR 1g (W/Kg)	0.904353

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.5522	0.9875	0.6198	0.3924	0.2547



F. 3D Image



MEASUREMENT 2

Type: Measurement (Complete)
Date of measurement: 2025-01-20
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2024-07-11

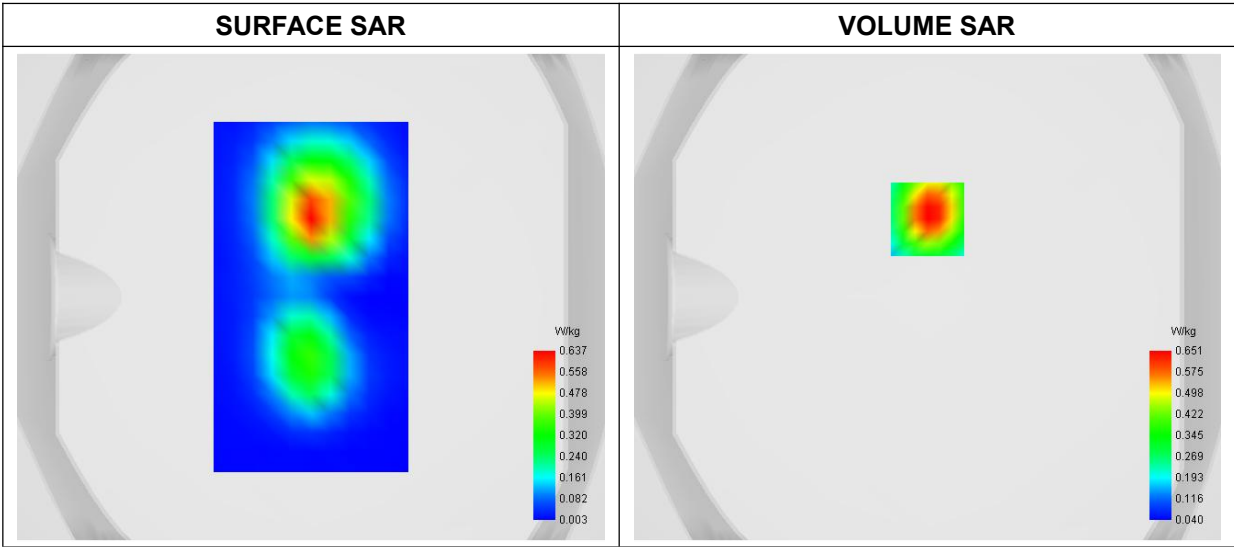
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.132124
Conductivity (S/m)	1.383694
Power Variation (%)	-0.154700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



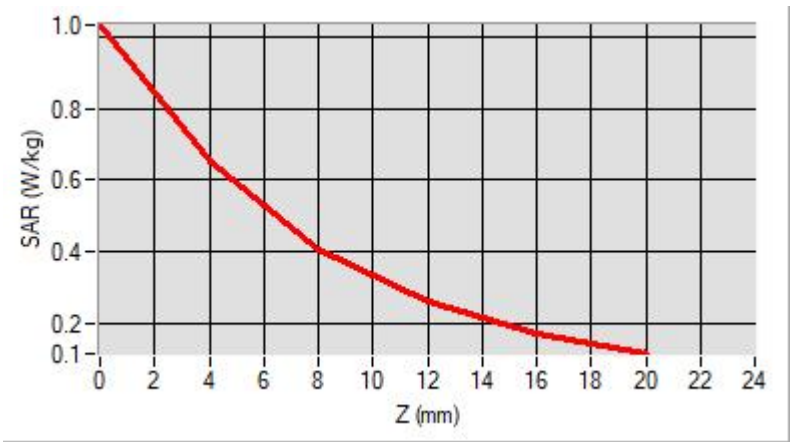
Maximum location: X=0.00, Y=32.00

D. SAR 1g & 10g

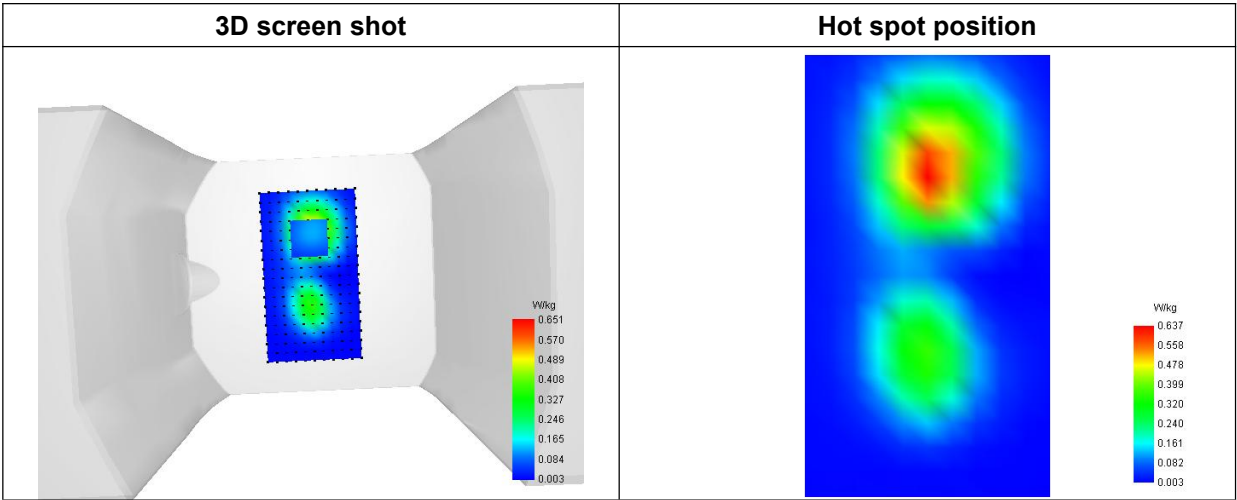
SAR 10g (W/Kg)	0.334503
SAR 1g (W/Kg)	0.609747

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0307	0.6511	0.4083	0.2621	0.1762



F. 3D Image



MEASUREMENT 3

Type: Measurement (Complete)
Date of measurement: 2025-01-22
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2024-07-11

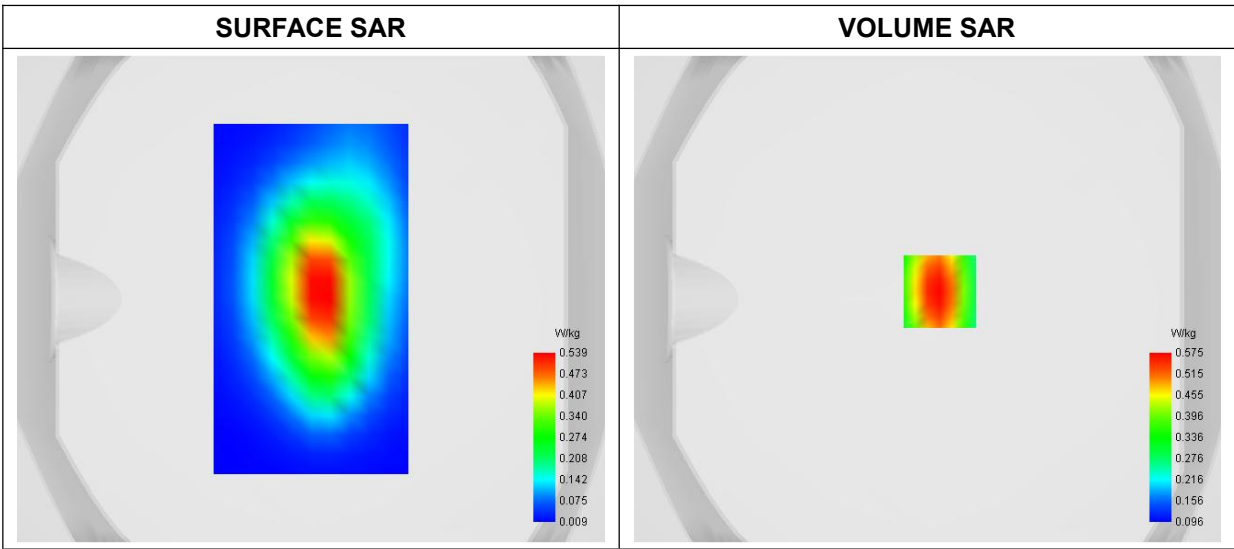
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	829.000000
Relative Permittivity (real part)	40.6440124
Conductivity (S/m)	0.893607
Power Variation (%)	0.824400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



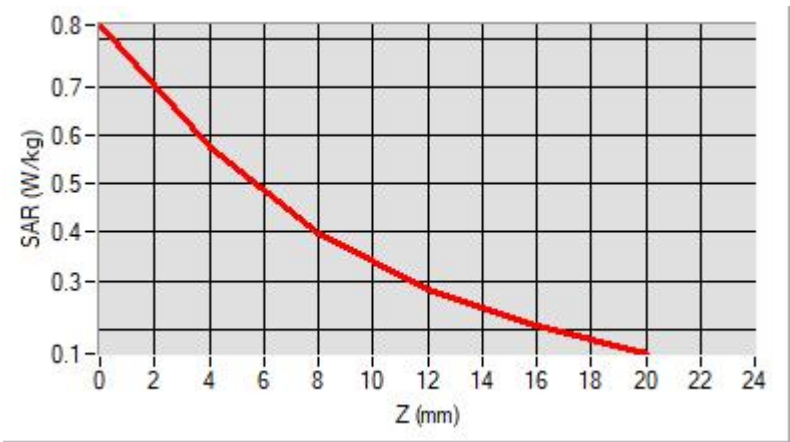
Maximum location: X=5.00, Y=3.00

D. SAR 1g & 10g

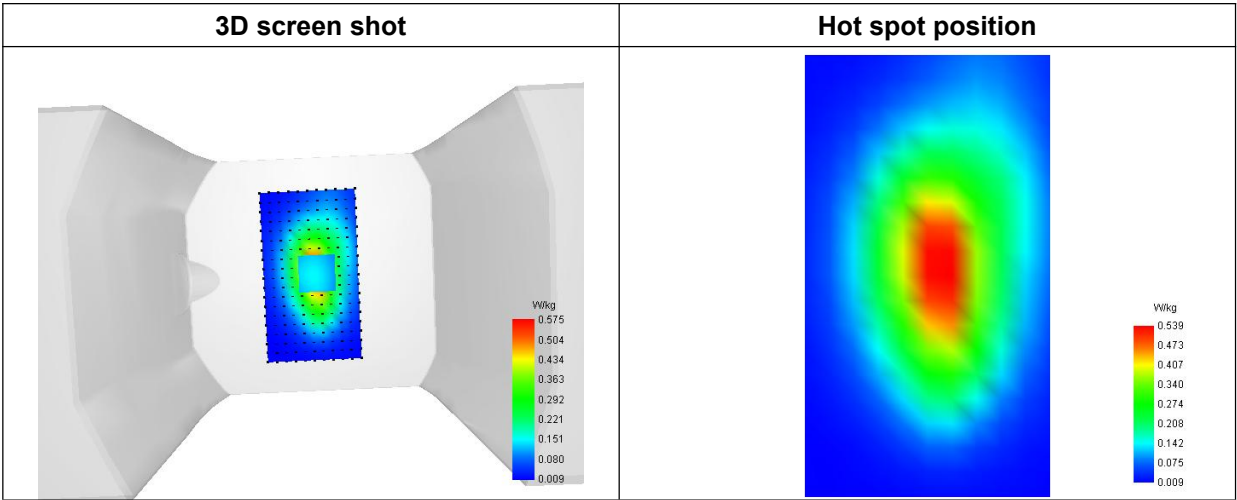
SAR 10g (W/Kg)	0.335089
SAR 1g (W/Kg)	0.539581

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8282	0.5752	0.3997	0.2828	0.2058



F. 3D Image



MEASUREMENT 4

Type: Measurement (Complete)
Date of measurement: 2025-01-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2024-07-11

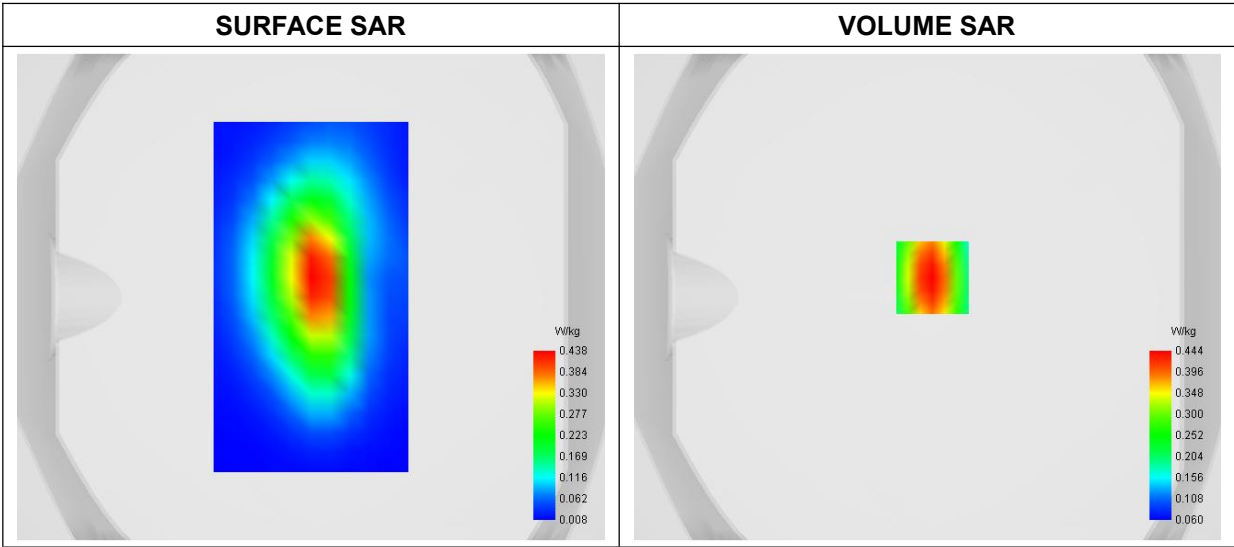
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	41.123227
Conductivity (S/m)	0.863987
Power Variation (%)	-1.214100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



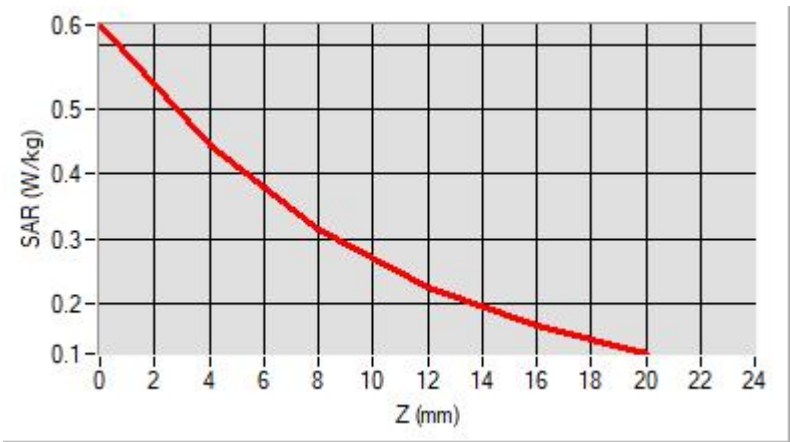
Maximum location: X=2.00, Y=8.00

D. SAR 1g & 10g

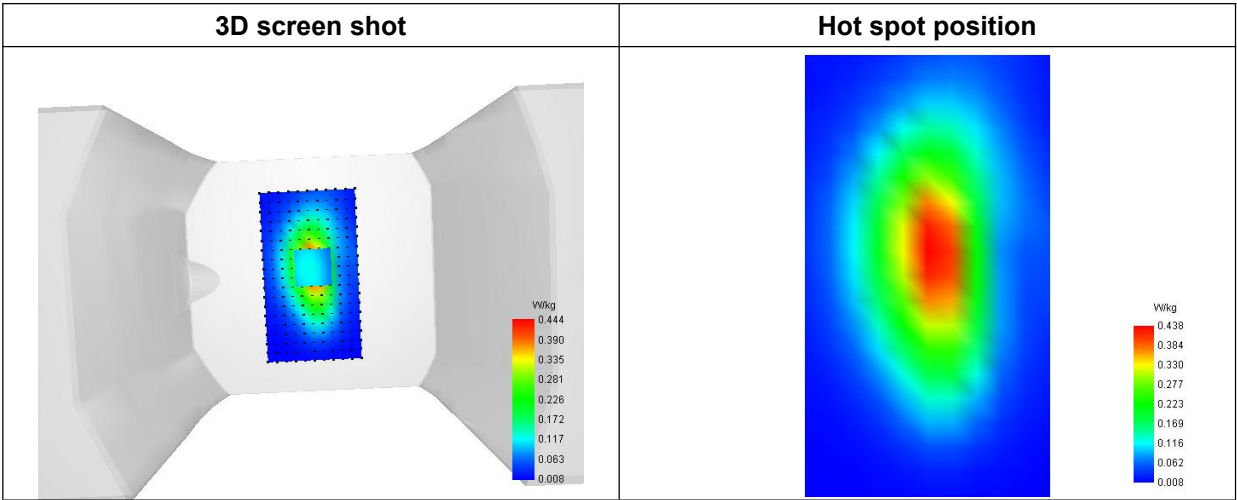
SAR 10g (W/Kg)	0.261535
SAR 1g (W/Kg)	0.421303

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6297	0.4442	0.3138	0.2258	0.1667



F. 3D Image



MEASUREMENT 5

Type: Measurement (Complete)
Date of measurement: 2025-01-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2024-07-11

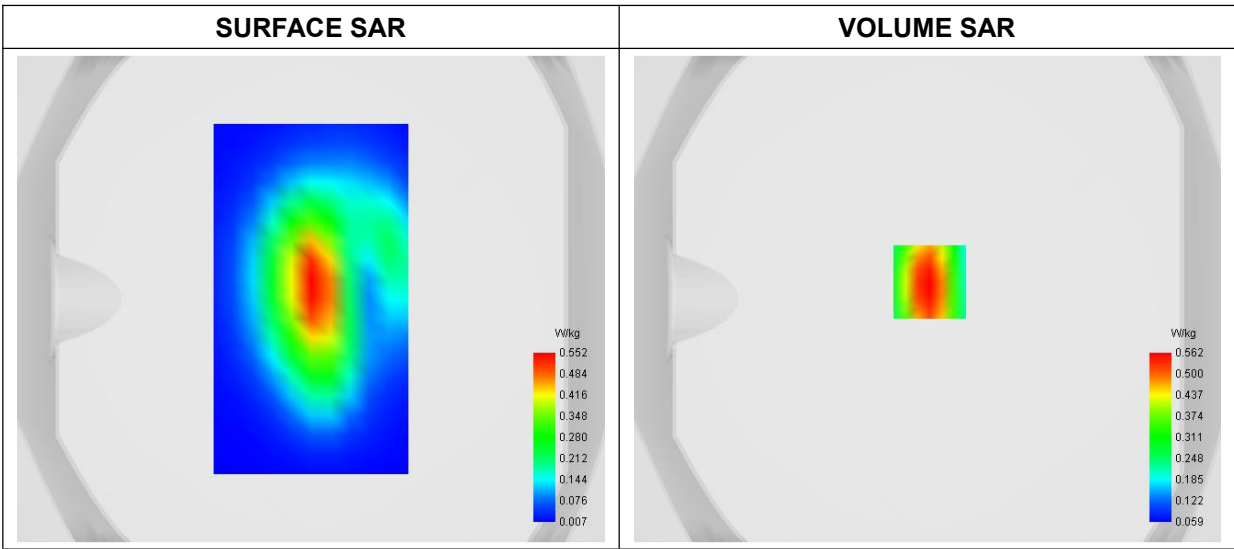
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	41.122624
Conductivity (S/m)	0.863694
Power Variation (%)	-1.341100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



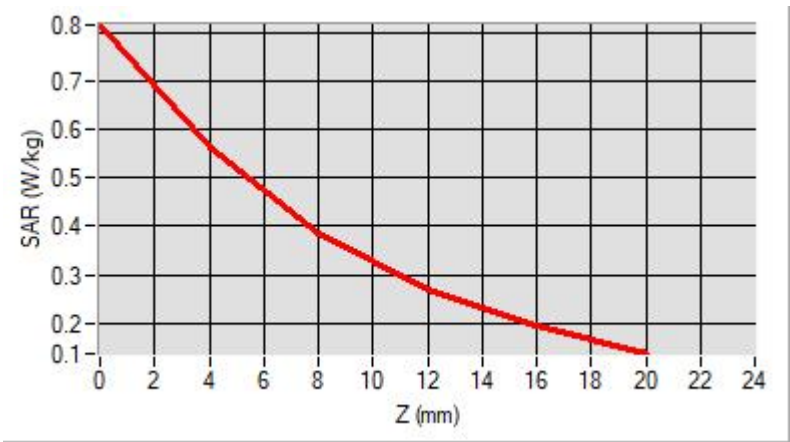
Maximum location: X=1.00, Y=7.00

D. SAR 1g & 10g

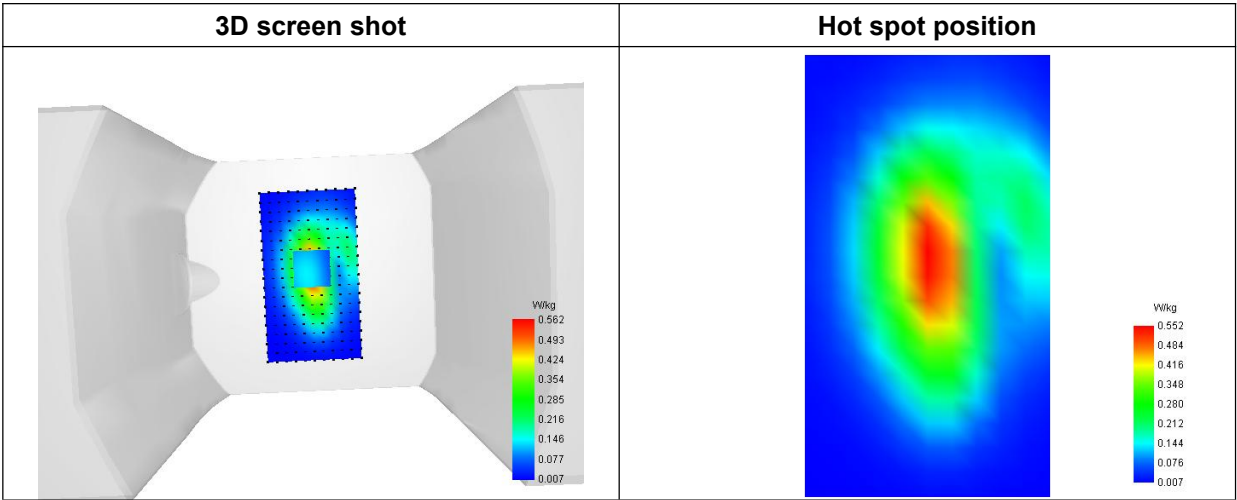
SAR 10g (W/Kg)	0.315388
SAR 1g (W/Kg)	0.522885

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8157	0.5625	0.3870	0.2702	0.1931



F. 3D Image



MEASUREMENT 6

Type: Measurement (Complete)
Date of measurement: 2025-01-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2024-07-11

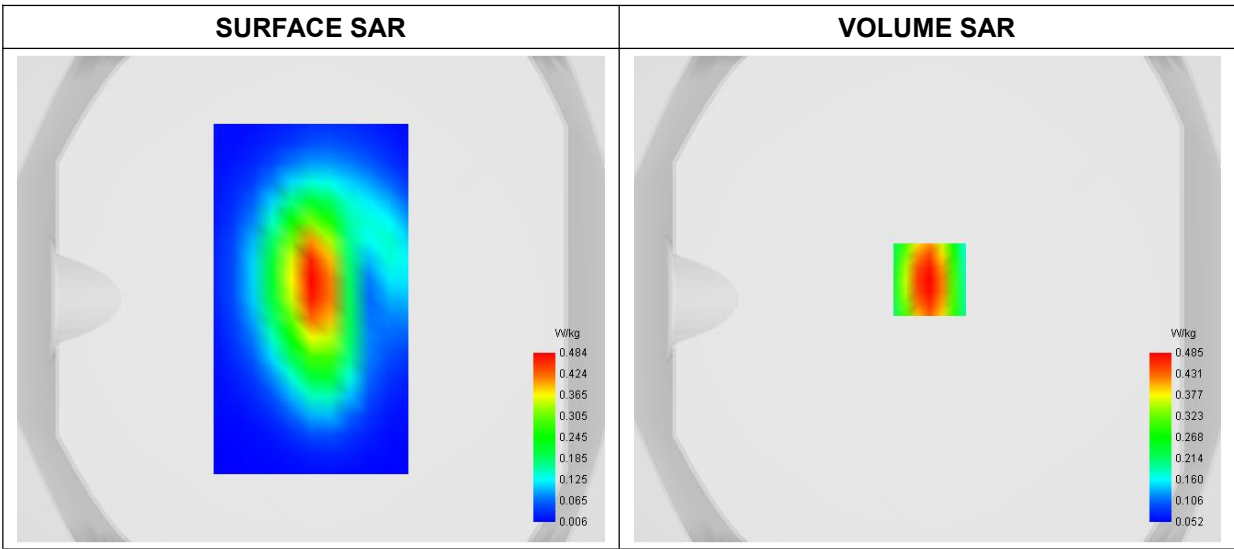
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Horizontal-Down
Band	LTE Band 14
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	793.000000
Relative Permittivity (real part)	41.123227
Conductivity (S/m)	0.863587
Power Variation (%)	1.081400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



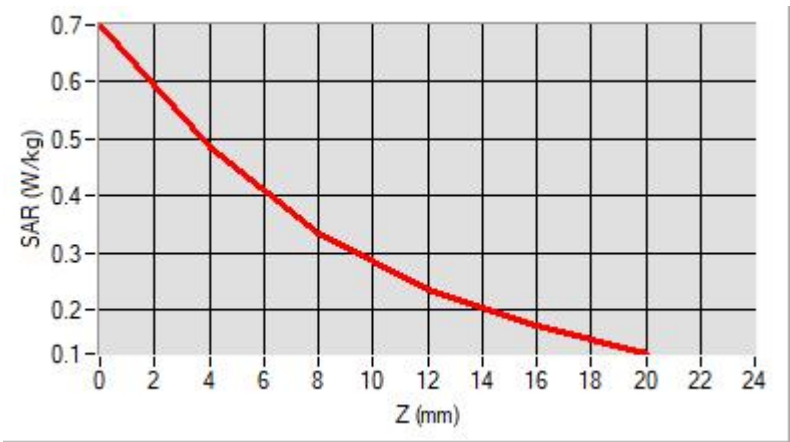
Maximum location: X=1.00, Y=8.00

D. SAR 1g & 10g

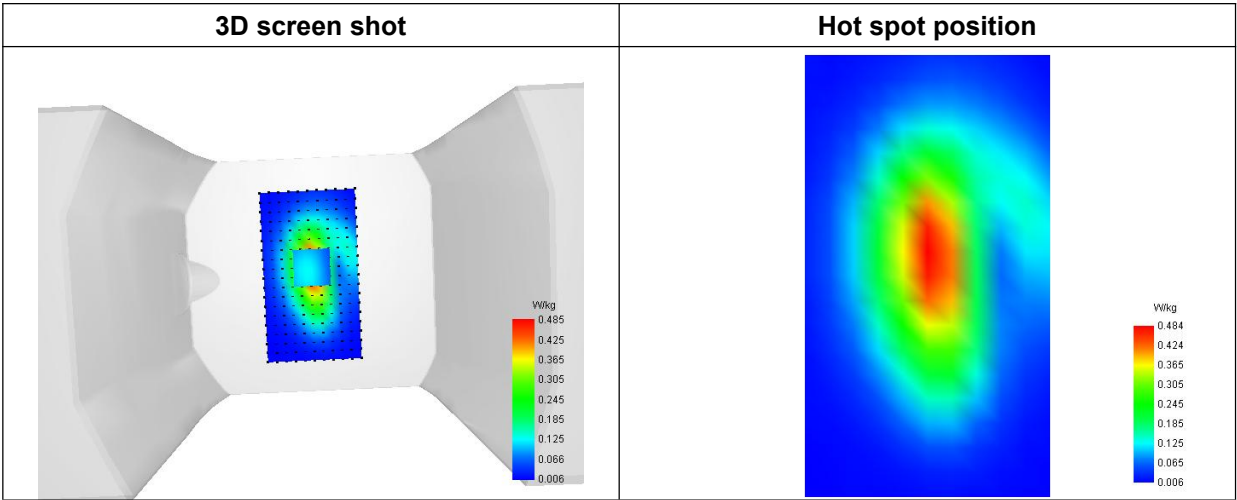
SAR 10g (W/Kg)	0.273394
SAR 1g (W/Kg)	0.450428

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6999	0.4852	0.3362	0.2371	0.1718



F. 3D Image



MEASUREMENT 7

Type: Measurement (Complete)
Date of measurement: 2025-01-20
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2024-07-11

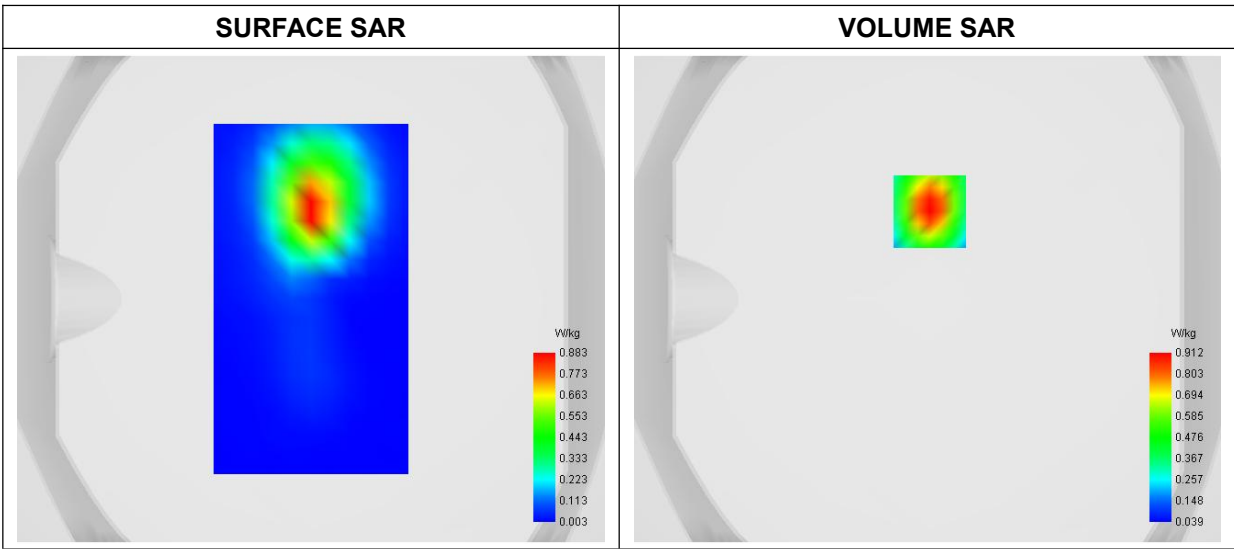
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1860.000000
Relative Permittivity (real part)	39.1345245
Conductivity (S/m)	1.381245
Power Variation (%)	-0.871400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



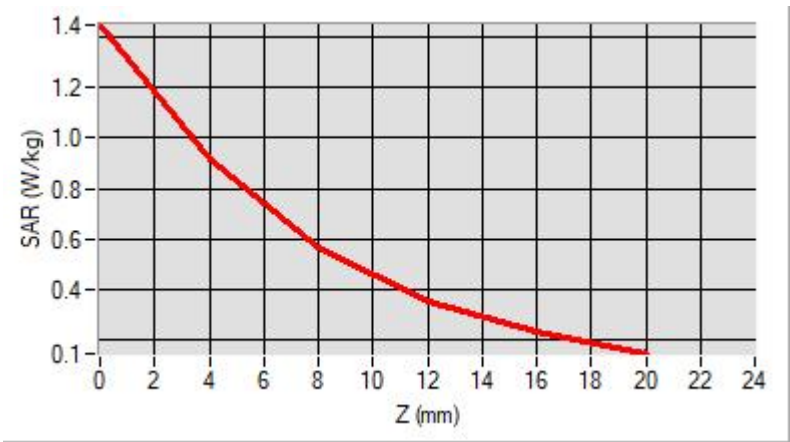
Maximum location: X=1.00, Y=36.00

D. SAR 1g & 10g

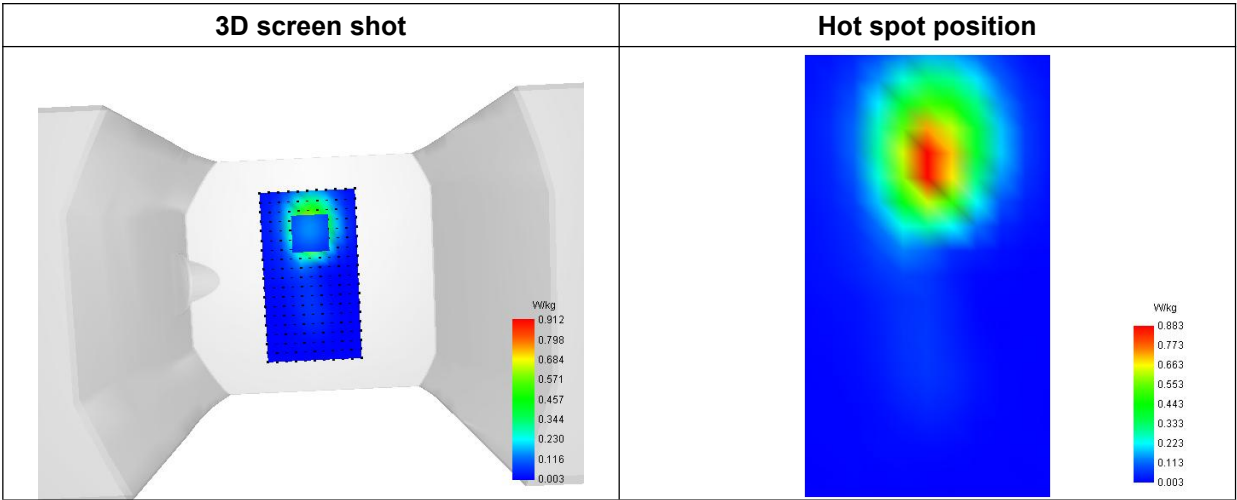
SAR 10g (W/Kg)	0.438635
SAR 1g (W/Kg)	0.834126

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.4461	0.9117	0.5671	0.3565	0.2308



F. 3D Image



MEASUREMENT 8

Type: Measurement (Complete)
Date of measurement: 2025-01-22
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2024-07-11

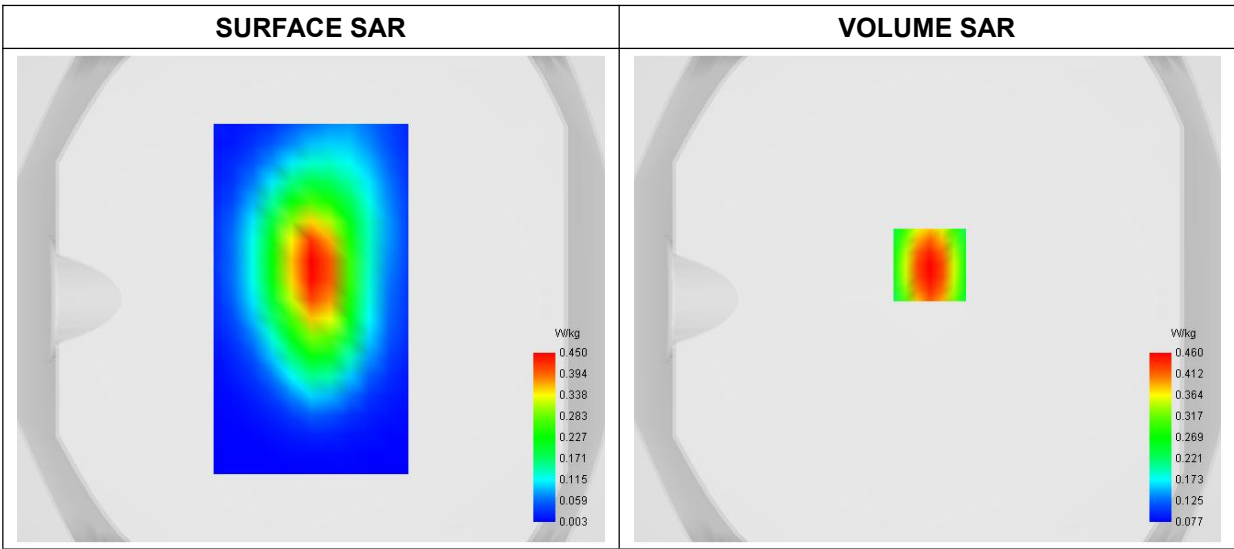
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Horizontal-Down
Band	LTE Band 26(814-824MHz)
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	819.000000
Relative Permittivity (real part)	40.644666
Conductivity (S/m)	0.892182
Power Variation (%)	-0.700000
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



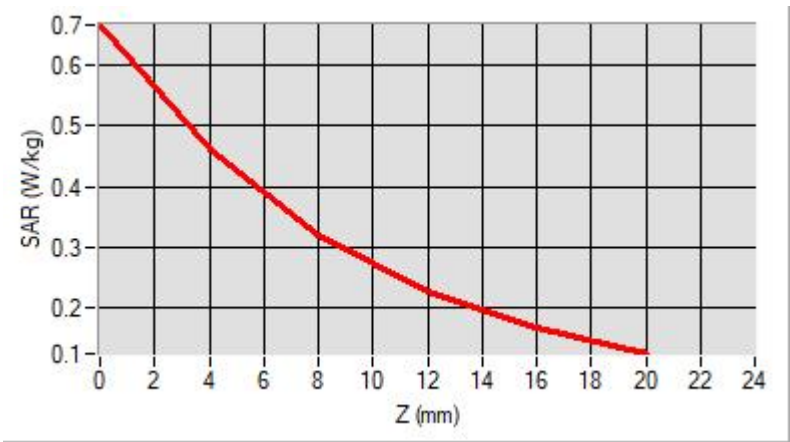
Maximum location: X=1.00, Y=14.00

D. SAR 1g & 10g

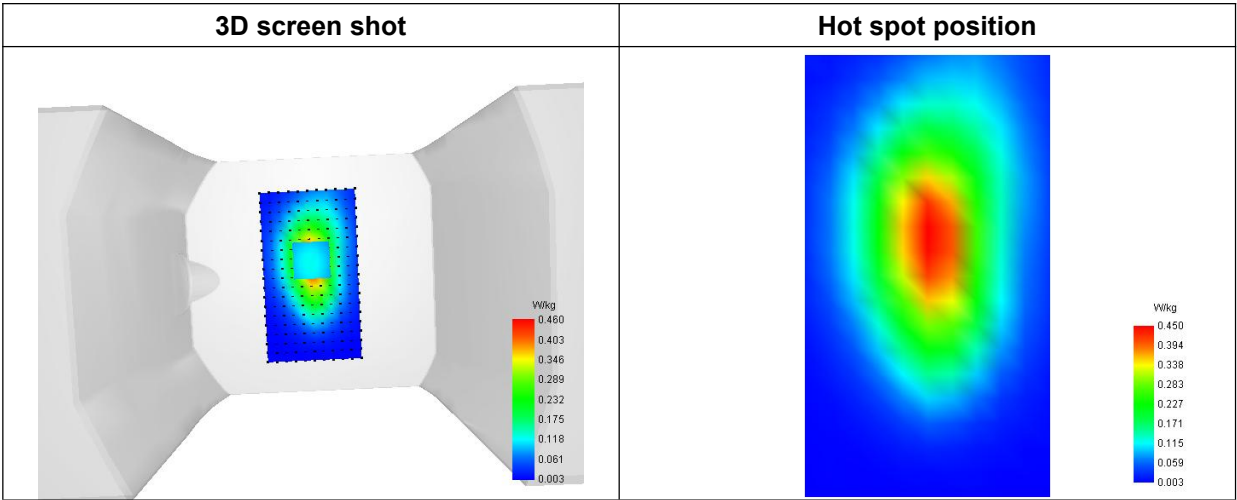
SAR 10g (W/Kg)	0.267999
SAR 1g (W/Kg)	0.431155

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6671	0.4602	0.3186	0.2262	0.1666



F. 3D Image



MEASUREMENT 9

Type: Measurement (Complete)
Date of measurement: 2025-01-22
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2024-07-11

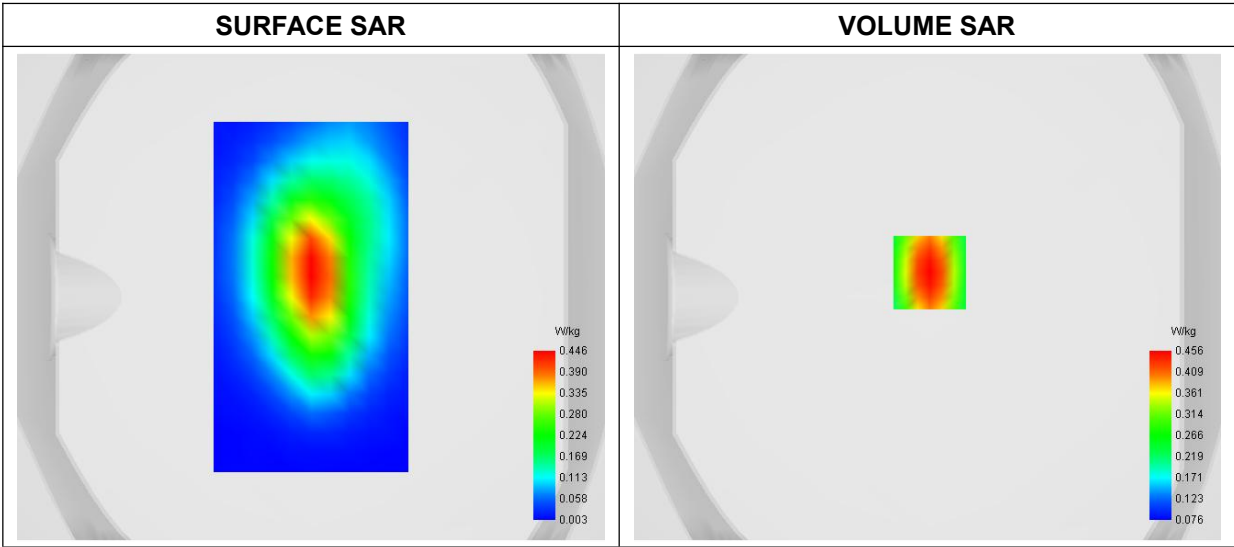
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Horizontal-Down
Band	LTE Band 26(824-849MHz)
Channels	QPSK, 15MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	831.000000
Relative Permittivity (real part)	40.641866
Conductivity (S/m)	0.893696
Power Variation (%)	-1.054700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



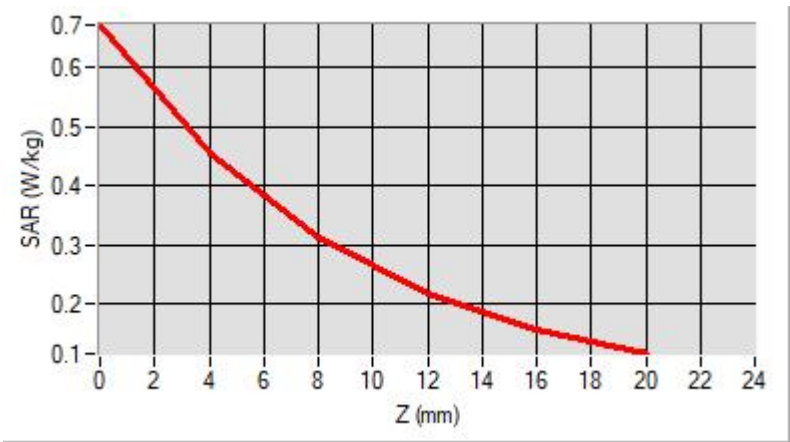
Maximum location: X=1.00, Y=10.00

D. SAR 1g & 10g

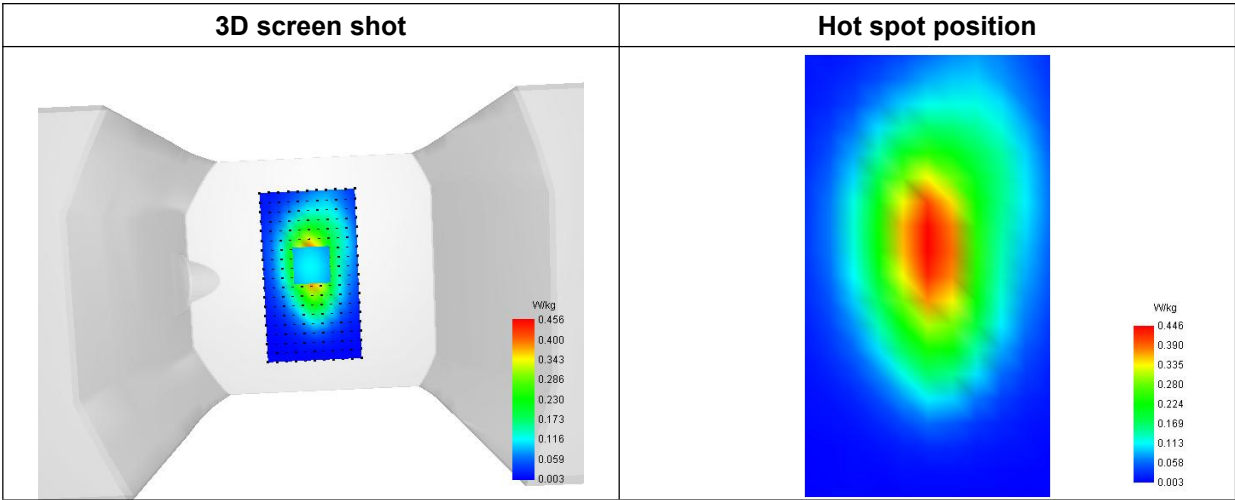
SAR 10g (W/Kg)	0.262162
SAR 1g (W/Kg)	0.426676

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6716	0.4565	0.3111	0.2176	0.1584



F. 3D Image



MEASUREMENT 10

Type: Measurement (Complete)
Date of measurement: 2025-01-21
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2024-07-11

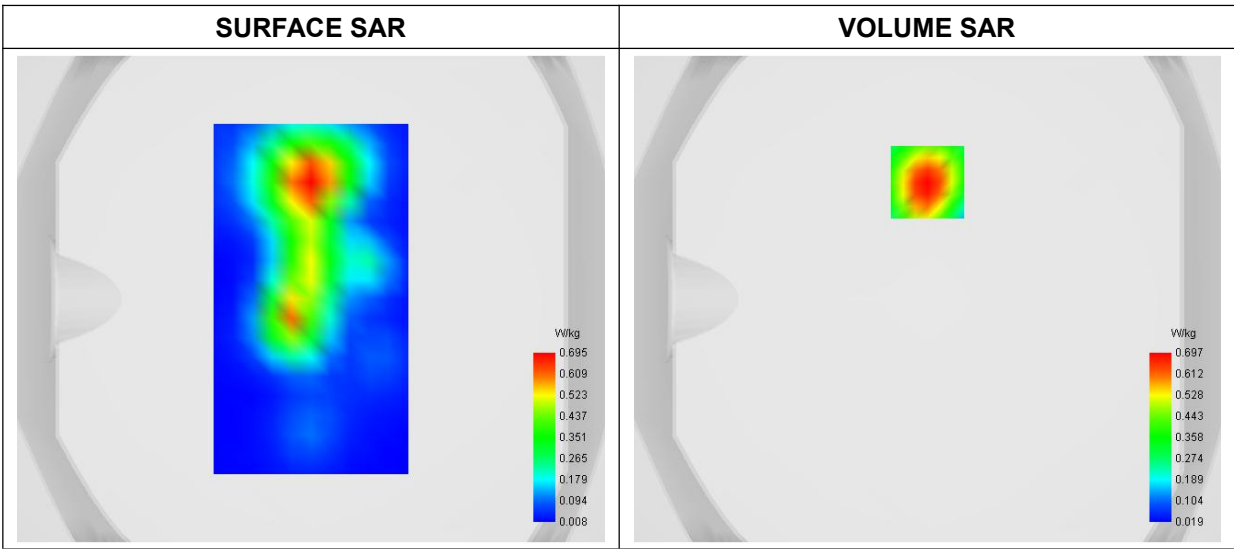
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	2593.000000
Relative Permittivity (real part)	39.931866
Conductivity (S/m)	1.983696
Power Variation (%)	-1.054700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



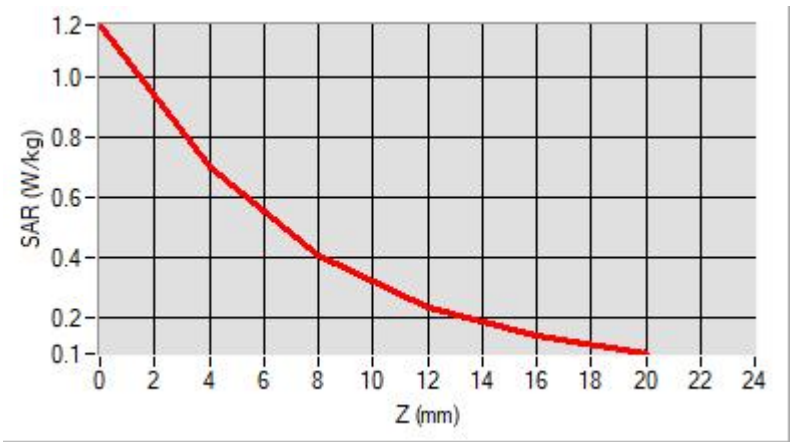
Maximum location: X=0.00, Y=48.00

D. SAR 1g & 10g

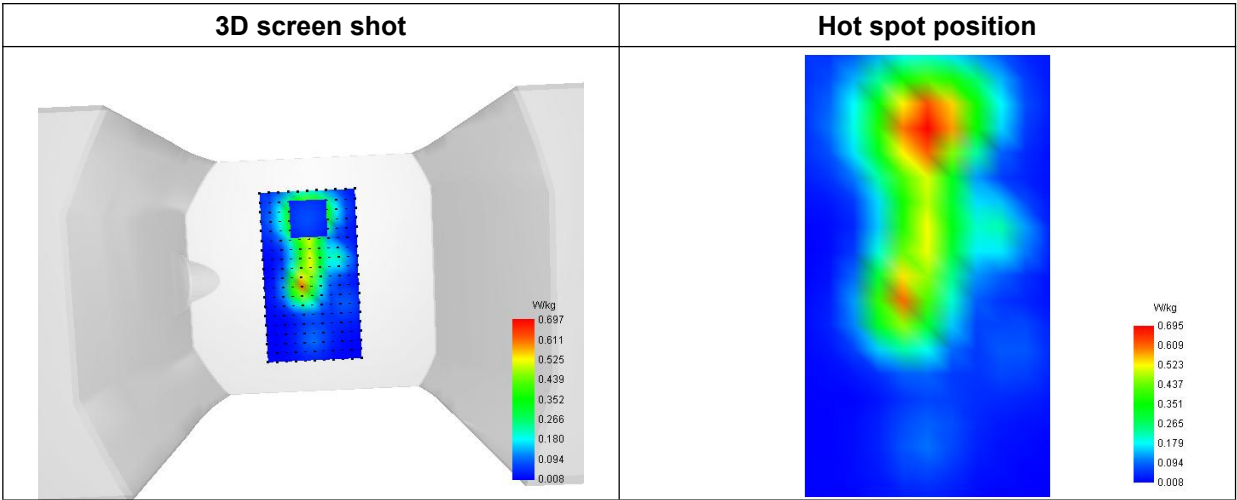
SAR 10g (W/Kg)	0.330874
SAR 1g (W/Kg)	0.644794

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1716	0.6972	0.4035	0.2331	0.1375



F. 3D Image



MEASUREMENT 11

Type: Measurement (Complete)
Date of measurement: 2025-01-20
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2024-07-11

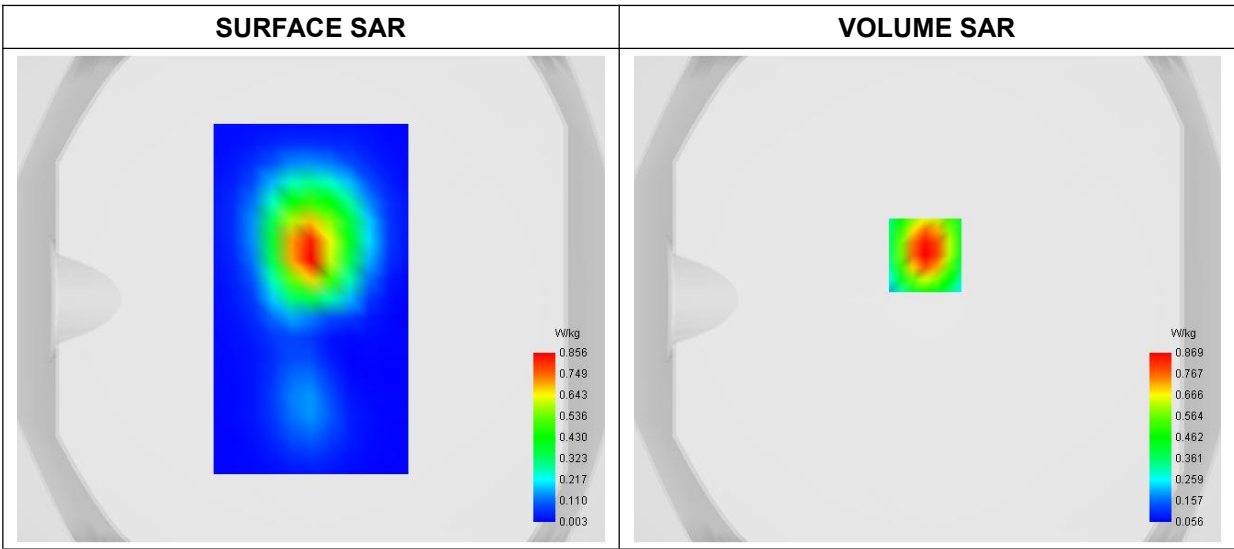
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1770.000000
Relative Permittivity (real part)	39.132186
Conductivity (S/m)	1.381457
Power Variation (%)	0.949500
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



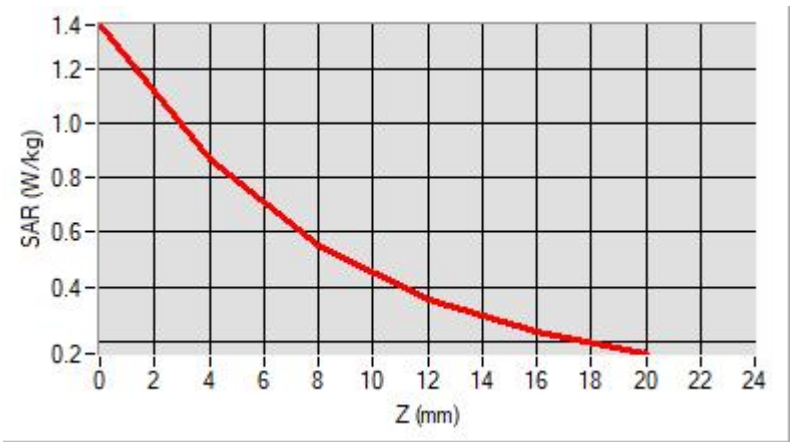
Maximum location: X=-1.00, Y=18.00

D. SAR 1g & 10g

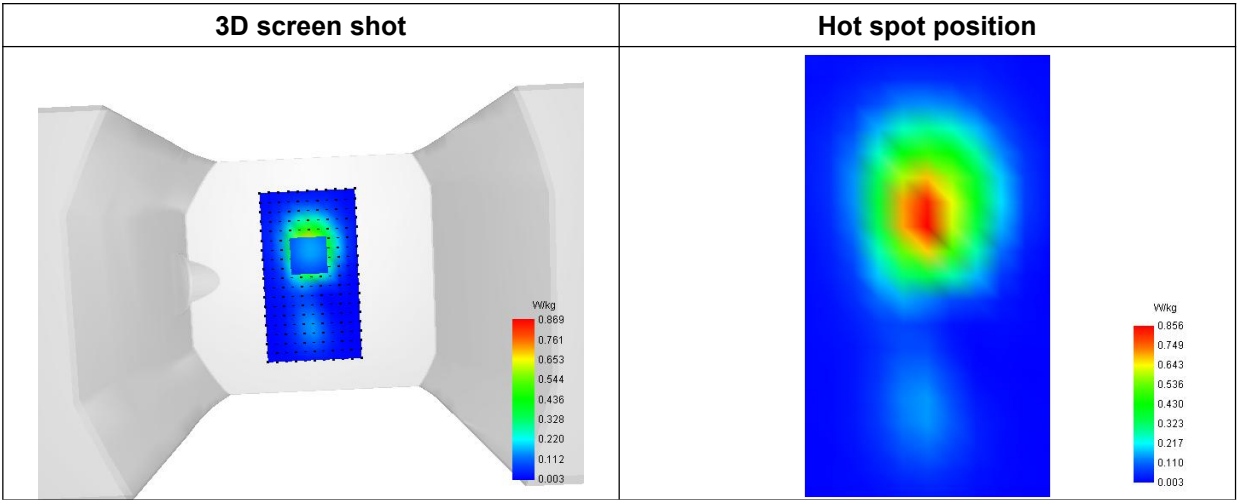
SAR 10g (W/Kg)	0.438219
SAR 1g (W/Kg)	0.802971

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.3598	0.8689	0.5499	0.3535	0.2351



F. 3D Image



MEASUREMENT 12

Type: Measurement (Complete)
Date of measurement: 2025-01-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2024-07-11

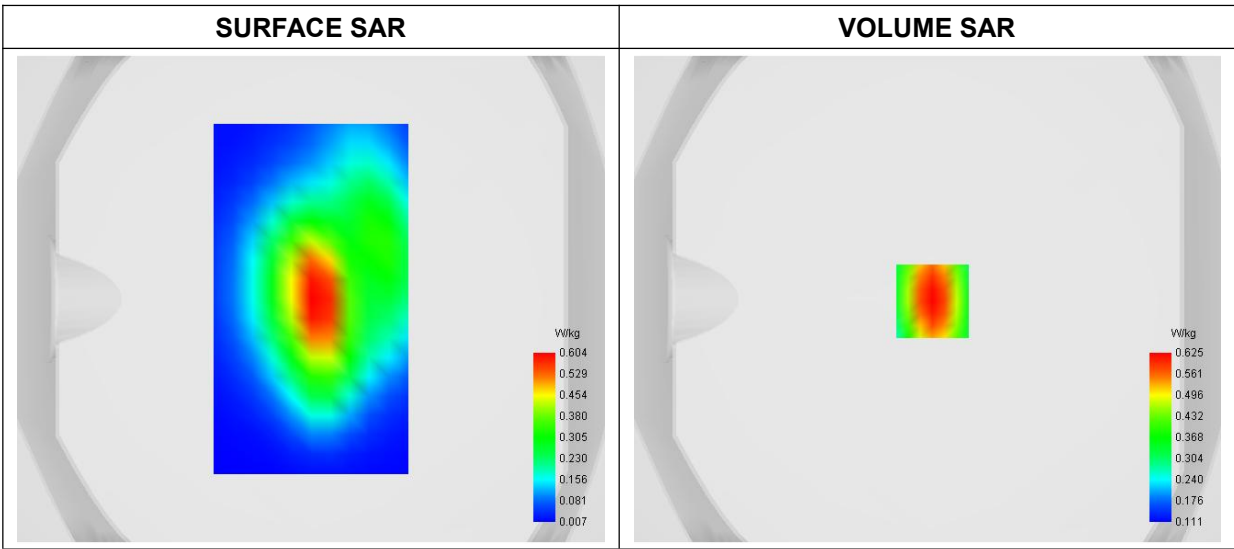
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Horizontal-Down
Band	LTE Band 71
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	688.000000
Relative Permittivity (real part)	41.121275
Conductivity (S/m)	0.862426
Power Variation (%)	0.177500
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



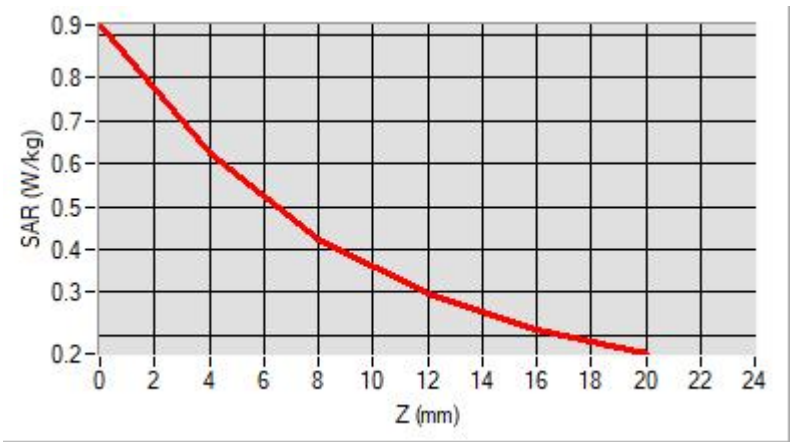
Maximum location: X=2.00, Y=-1.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.363201
SAR 1g (W/Kg)	0.595768

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9220	0.6247	0.4245	0.2962	0.2152



F. 3D Image

