SAR TEST REPORT

for

AIR-U Co., Ltd.

4G Wireless Data Terminal

Model No.: CAW23A301

Brand: CLOUD AiR-WiFi

FCC ID: 2ATHM-CAW23A301

The MAX SAR(1g)	
Body SAR	1.579W/Kg

Note: The Max. SAR=power back of umts CH1413 + power back of Wi-Fi5g CH48

Test distance: 5mm

Prepared for : AIR-U Co., Ltd.
Yamaki 2nd BLDG, 8F, 3-4-2, Nishishinbashi, Minato-ku,
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Report Number : ACS-SF23002
Date of Test : Aug.01~09, 2023
Date of Report : Aug.11, 2023

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SAR TEST REPORT

Applicant	:	AIR-U Co., Ltd.
Manufacturer	:	AIR-U Co., Ltd.
Product	:	4G Wireless Data Terminal
Model No.	:	CAW23A301
Brand	:	CLOUD AiR-WiFi
Test Voltage	:	DC 3.85V

Measurement Standard Used:

- FCC 47 CFR Part 2 (2.1093)
- IEEE C95.1-1999
- IEC/IEEE 62209-1528: 2020
- IEC62209-1:2016
- IEC62209-2:2010
- FCC OET Bulletin 65 Supplement C (Edition 01-01)
- FCC KDB 447498 D01 v06
- FCC KDB 447498 D04 v01
- FCC KDB 865664 D01/D02
- FCC KDB 248227 D01 v02r02

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. This report contains data that are not covered by the NVLAP accreditation. Also, this report shows that the EUT is technically compliant with the FCC test requirement.

This report applies to single evaluation of one sample of above mentioned product. And shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd..

Date of Test : Aug.01~09, 2023 Report of date: Aug.11, 2023

Prepared by : Jasmine Ning
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信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report

Approved & Authorized Signer : Signature:
Sunny Liu / Manager

REPORT REVISION HISTORY

Edition No.	Revision	Issue Date	Report No.
Original	Initial issue of report	Aug.11, 2023	ACS-SF23002

1. GENERAL INFORMATION

1.1.Description of Equipment Under Test

Applicant	AIR-U Co., Ltd.	
Applicant Address	Yamaki 2nd BLDG, 8F, 3-4-2, Nishishinbashi, Minato-ku, Tokyo, Japan	
Manufacturer	AIR-U Co., Ltd.	
Manufacturer Address	Yamaki 2nd BLDG, 8F, 3-4-2, Nishishinbashi, Minato-ku, Tokyo, Japan	
Product	4G Wireless Data Terminal	
Model No.	CAW23A301	
Brand	CLOUD AiR-WiFi	
FCC ID	2ATHM-CAW23A301	
Sample Type	Prototype production	
Date of Receipt	Jul.15, 2023	
Date of Test	Aug.01~09, 2023	
Operating Mode	GSM,WCDMA,LTE,WLAN	
Frequency Range	GSM 850	TX:824MHz~849 MHz
	GSM 1900	TX:1850MHz~1910 MHz
	WCDMA Band 2	1850 MHz~1910 MHz
	WCDMA Band 4	1710 MHz~1755 MHz
	WCDMA Band 5	824MHz~849MHz
	LTE Band 2	1850 MHz~1910 MHz
	LTE Band 4	1710 MHz~1755 MHz
	LTE Band 5	824 MHz~849 MHz
	LTE Band 7	2500 MHz~2570 MHz
	LTE Band 12	699 MHz~716 MHz
	LTE Band 13	777 MHz~787 MHz
	LTE Band 25	1850 MHz~1915 MHz
	LTE Band 26	814 MHz~849 MHz
	LTE Band 41	2496 MHz~2690 MHz
	LTE Band 66	1710 MHz~1780 MHz
	802.11 b/g/n(HT20)	2412 MHz~2472 MHz
	802.11n(HT40)	2422 MHz~2452 MHz
	802.11 a 802.11n(HT20/HT 40) 802.11ac(VHT20/ VHT40/ VHT80)	5150 MHz~5250 MHz
		5250 MHz~5350MHz
		5470 MHz~5725 MHz
		5725 MHz~5850 MHz

Antenna Information	
Antenna Type	Internal antenna
Gain	N/A

2. GENERAL DESCRIPTION

2.1.Product Description For EUT

[None]

2.2.Applied Standards

The Specific Absorption Rate (SAR) testing specification, method and procedure for this device is in accordance with the following standards:

- FCC 47 CFR Part 2 (2.1093)
- IEEE C95.1-1999
- IEC/IEEE 62209-1528: 2020
- IEC62209-1:2016
- IEC62209-2:2010
- FCC OET Bulletin 65 Supplement C (Edition 01-01)
- FCC KDB 447498 D01 v06
- FCC KDB 447498 D04 v01
- FCC KDB 865664 D01/D02
- FCC KDB 248227 D01 v02r02

2.3.Device Category and SAR Limits

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user. Limit for General Population/Uncontrolled exposure should be applied for this device, it is 1.6 W/kg as averaged over any 1 gram of tissue.

2.4.Test Conditions

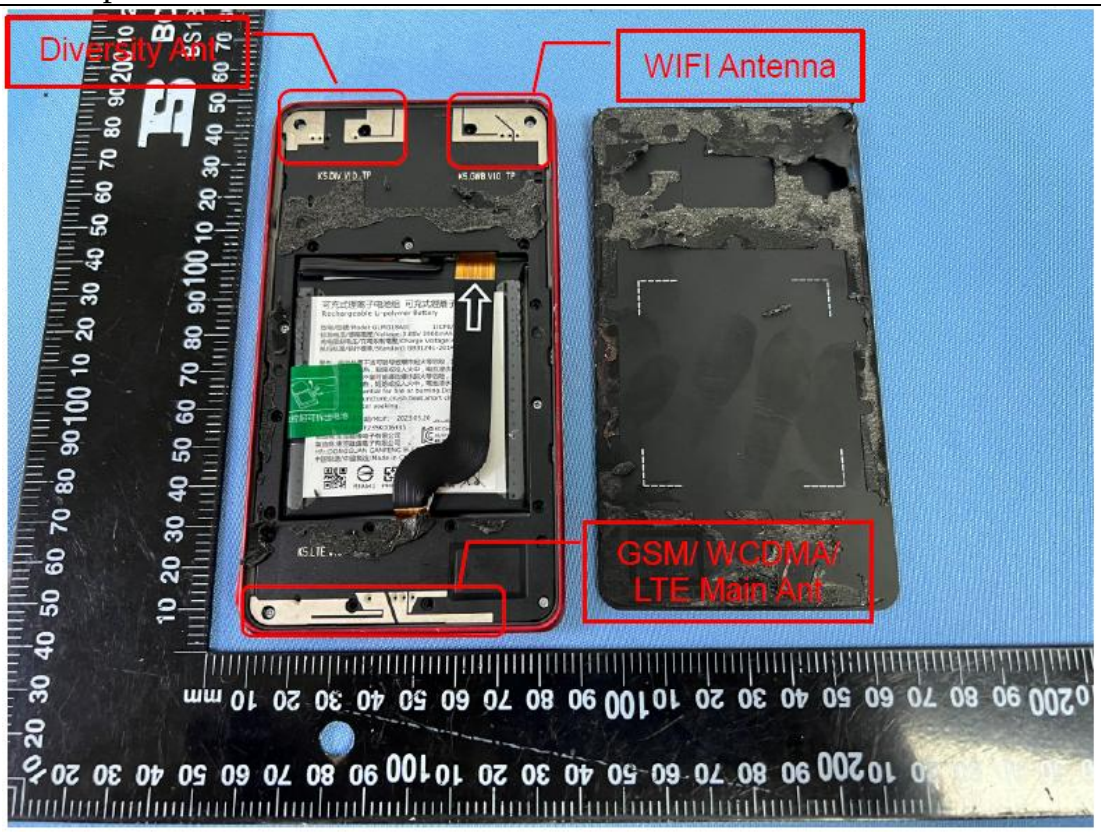
2.4.1. Ambient Condition

Ambient Temperature	20 to 24 ℃
Humidity	< 60 %

2.4.2. Test Configuration

The distance between the EUT and the antenna of the emulator is larger than 50 cm and the output power radiated from the emulator antenna is at least 30dB smaller than the output power of EUT. The EUT was set from the emulator to radiate maximum output power during all tests.

2.5.Exposure Positions Consideration



Sides for SAR tests						
Band	Body					
	Back	Front	Top	Bottom	Left	Right
WiFi 2.4GHz	√	√	√	×	√	√
WiFi 5GHz	√	√	√	×	√	√
UMTS	√	√	×	√	√	√
E-UTRA	√	√	×	√	√	√

2.6.Standalone SAR Test Exclusion Considerations

Standalone 1-g head or body SAR evaluation by measurement or numerical simulation is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied. The 1-g SAR test exclusion threshold for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR, where

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

According to the KDB447498 appendix A, the SAR test exclusion threshold for 2450MHz at 5mm test separation distances is 3mW, 5.8GHz is 1mW

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)									
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

2.7.Block Diagram of connection between EUT and simulators

EUT

(EUT: 4G Wireless Data Terminal)

2.8.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date	Calibration Body	Cal Method (Note)
1.	DASY5 SAR Test System	Speag	TX60 L speag	F09/5B1H1/01	NCR	NCR	NCR	N/A
2.	Power meter	Anritsu	ML2487A	6K00003262	2023.06.26	2024.06.25	CCIC	c)
3.	Power sensor	Anritsu	MA2491A	0332516	2023.06.26	2024.06.25	CCIC	c)
4.	Dipole Validation Kits	Auden	D750V3	1159	2022.06.06	2025.06.05	CCTL	c)
5.	Dipole Validation Kits	Speag	D900V2	1d088	2023.05.23	2026.05.22	SPEAG	c)
6.	Dipole Validation Kits	Speag	D1800V2	2d186	2023.05.23	2026.05.22	SPEAG	c)
7.	Dipole Validation Kits	Speag	D2000V2	1055	2023.05.24	2026.05.23	SPEAG	c)
8.	Dipole Validation Kits	Speag	D2450V2	862	2023.05.18	2026.05.17	SPEAG	c)
9.	Dipole Validation Kits	Auden	D2600V2	1123	2022.06.14	2025.06.13	CCTL	c)
10.	Dipole Validation Kits	Speag	D5GHzV2	1102	2023.05.19	2026.05.18	SPEAG	c)
11.	Attenuator	N/A	1527	001	2022.10.09	2023.10.08	CCIC	d)
12.	ENA SERIES NETWORK ANALYZER	Agilent	E5071C	MY46316760	2022.10.08	2023.10.07	CCIC	c)
13.	Date Acquisition Electronics	Speag	DAE4	899	2023.05.17	2024.05.16	CCTL	c)
14.	E-Field Probe	Speag	EX3DV4	3767	2023.06.12	2024.06.11	CCTL	c)
15.	Signal Generator	Rohde & Schwarz	SMB100A	181375	2023.04.02	2024.04.01	CCIC	c)
16.	Radio Communication Test Station	Anritsu	MT8000A	6262071014	2023.02.23	2024.02.22	CCIC	c)
17.	Radio Communication Analyzer	Anritsu	MT8821C	6262062833	2023.02.23	2024.02.22	CCIC	c)
18.	Attenuator	N/A	1527	002	2022.10.09	2023.10.08	CCIC	c)
19.	Test Software	Schmid&Partner Englinnering AG	DASY5	52.8.7.1137	NCR	NCR	NCR	N/A
Note: NCR means no calibration required(calibrated with system).								

Note: Calibration Method

a): Calibration conducted by the National Institute of Information and Communications Technology～ NICT～ or a designated calibration agency under Article 102-18 paragraph (1)～ TELEC Engeneering Center, Intertek Japan K.K., Keysight Technologies, Inc～.

b): Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)～Japan Calibration Service Syste～

c): Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)～ TELEC Engeneering Center, Intertek Japan K.K., Keysight Technologies, Inc～.

d): Calibration conducted by using other equipment that listed above from a) to c)

2.9.Laboratory Environment

Temperature	Min:20℃,Max.25℃
Relative humidity	Min. = 45%, Max. = 70%
Note: Ambient noise is checked and found very low and in compliance with requirement of standards.	

2.10.Measurement Uncertainty

Test Item	Uncertainty
Uncertainty for SAR test	1g: ±21.2
	10g: ±20.7
Uncertainty for test site temperature and humidity	±0.6℃

Source	Type	Uncertainly Value (%)	Probability Distribution	K	C1(1g)	C1(10g)	Standard uncertainty uI(%)1g	Standard uncertainty uI(%)10g	Degree of freedom Veff or Vi
Measurement system repetivity	A	0.5	N	1		1	0.5	0.5	9
Probe calibration	B	5.9	N	1	1	1	5.9	5.9	∞
Isotropy	B	4.7	R	√3	1	1	2.7	2.7	∞
Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
Probe modulation response	B	0	R	√3	1	1	0	0	∞
Detection limits	B	1.0	R	√3	1	1	0.6	0.6	∞
Boundary effect	B	1.9	R	√3	1	1	1.1	1.1	∞
Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
Response time	B	0	R	√3	1	1	0	0	∞
Integration time	B	4.32	R	√3	1	1	2.5	2.5	∞
RF ambient conditions – noise	B	0	R	√3	1	1	0	0	∞
RF ambient conditions – reflections	B	3	R	√3	1	1	1.73	1.73	∞
Probe positioner mech. restrictions	B	0.4	R	√3	1	1	0.2	0.2	∞
Probe positioning with respect to phantom shell	B	2.9	R	√3	1	1	1.7	1.7	∞
Post-processing	B	0	R	√3	1	1	0	0	∞
Test sample related									
Device holder uncertainty	A	2.94	N	1	1	1	2.94	2.94	M-1
Test sample positioning	A	4.1	N	1	1	1	4.1	4.1	M-1
Power scaling	B	5.0	R	√3	1	1	2.9	2.9	∞
Drift of output power (measured SAR drift)	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up									
Phantom uncertainty (shape and thickness tolerances)	B	4.0	R	√3	1	1	2.3	2.1	∞
Algorithm for correcting SAR for deviations in permittivity and conductivity	B	1.9	N	1	1	0,84	1,9	1,6	∞
Liquid conductivity (meas.)	A	0.55	N	1	0.78	0.71	0.24	0.21	M-1
Liquid permittivity (meas.)	A	0.19	N	1	0.23	0.26	0.09	0.06	M
Liquid permittivity – temperature uncertainty	A	5.0	R	√3	0,78	0,71	1.4	1.1	∞
Liquid conductivity – temperature uncertainty	A	5.0	R	√3	0.23	0,26	1.2	0.8	∞
Combined standard uncertainty	$u_c' = \sqrt{\sum_{i=1}^{23} c_i^2 u_i^2}$						10.57	10.32	
Expanded uncertainty (95 % conf. interval)	$u_e = 2u_c$		N		K=2		21.14	20.64	

3. MEASURE PROCEDURES

3.1.General description of test procedures

For the 802.11b/g SAR body tests, a communication link is set up with the test mode software for WIFI mode test. During the test, at the each test frequency channel, the EUT is operated at the RF continuous emission mode. Each channel should be tested at the lowest data rate. Testing at higher data rates is not required when the maximum average output power is less than 0.25dB higher than those measured at the lowest data rate.SAR is not required for 802.11g channels when the maximum average output power is less than 0.25dB higher than that measured on the corresponding 802.11b channels. The same test procedure for 802.11a/n/ac mode

a communication link is establish and Low, Middle, High channel at the necessary position was tested for UMTS and E-UTRA mode.

4. SAR MEASUREMENTS SYSTEM

4.1.SAR Measurement Set-up

DASY5 system for performing compliance tests consists of the following items:

(1) A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).

(2) A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage It issue simulating liquid. The probe is equipped with an optical surface detector system.

(3) A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

(4) A unit to operate the optical surface detector which is connected to the EOC.

(5) The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.

(6) The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation. A computer operating Windows 2003.

(7) DASY5 software and SEMCAD data evaluation software.

(8) Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.

(9) The generic twin phantom enabling the testing of left-hand and right-hand usage.

(10) The device holder for handheld mobile phones.

(11) Tissue simulating liquid mixed according to the given recipes.

(12) System validation dipoles allowing to validate the proper functioning of the system.

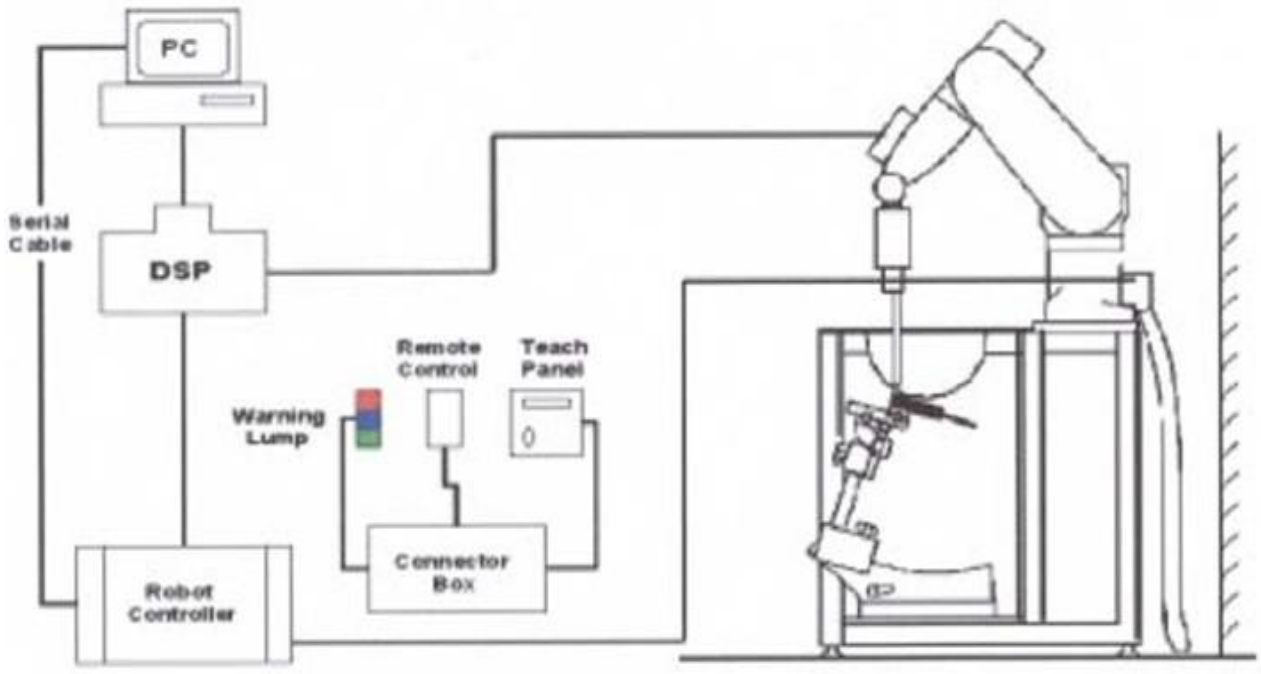


Figure 4.1 SAR Lab Test Measurement Set-up

4.2.ELI Phantom

Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.

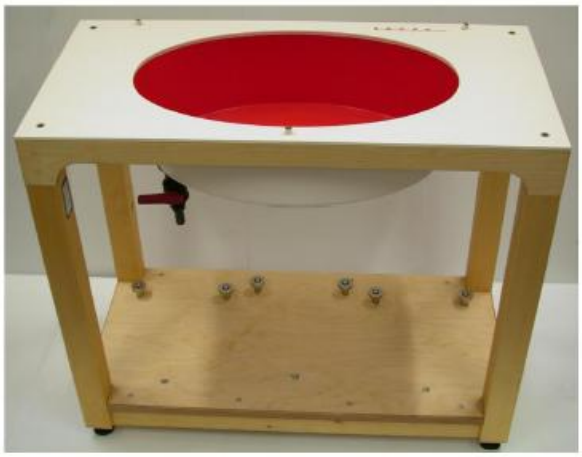


Figure 4.2 Top View of Twin Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2.0 ± 0.2 mm (bottom plate)
Dimensions	Major axis: 600 mm Minor axis: 400 mm
Filling Volume	approx. 30 liters
Wooden Support	SPEAG standard phantom table

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

*Water-sugar based liquid
*Glycol based liquids

4.3.Device Holder for SAM Twin Phantom

The SAR in the Phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source in 5 mm distance, a positioning uncertainty of ±0.5mm would produce a SAR uncertainty of ± 20%. An accurate device position is therefore crucial for accurate and repeatable measurement. The position in which the devices must be measured, are defined by the standards.

The DASY5 device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (EPR).

Thus the device needs no repositioning when changing the angles.

The DASY5 device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity ε_r=3 and loss tangent $\delta = 0.02$. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

Figure 4.3 Device Holder

4.4.DASY5 E-field Probe System

The SAR measurements were conducted with the dosimetric probe EX3DV4 (manufactured by SPEAG), designed in the classical triangular configuration and optimized for dosimetric evaluation.

Figure 4.4 EX3DV4 E-field Probe

4.4.1. EX3DV4 Probe Specification

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2dB (noise: typically < 1 µW/g)
Dimensions	Overall length: PRS-T2 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.

4.5.E-field Probe Calibration

Each probe is calibrated according to a dosimetric assessment procedure with accuracy better than ±10%. The spherical isotropy was evaluated and found to be better than ± 0.25dB. The sensitivity parameters (Norm X, Norm Y, Norm Z), the diode compression parameter (DCP) and the conversion factor (Conv F) of the probe are tested.

The free space E-field from amplified probe outputs is determined in a test chamber. This is performed in a TEM cell for frequencies bellow 1 GHz, and in a wave guide 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 then rotated 360 degrees.

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated brain tissue. The measured free space E-field in the medium correlates to temperature rise in a 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.
Or

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

Where:
σ = Simulated tissue conductivity,
ρ = Tissue density (kg/m3).

4.6.Scanning procedure

The DASY5 installation includes predefined files with recommended procedures for measurements and validation. They are read-only document files and destined as fully defined but unmeasured masks. All test positions (head or body-worn) are tested with the same configuration of test steps differing only in the grid definition for the different test positions.

The ”reference“ and ”drift“ measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure. The indicated drift is mainly the variation of the EUT’s output power and should vary max. ± 5 %.

The ”surface check“ measurement tests the optical surface detection system of the DASY5 system by repeatedly detecting the surface with the optical and mechanical surface detector and comparing the results. The output gives the detecting heights of both systems, the difference between the two systems and the standard deviation of the detection repeatability. Air bubbles or refraction in the liquid due to separation of the sugar-water mixture gives poor repeatability (above ± 0.1mm). To prevent wrong results tests are only executed when the liquid is free of air bubbles.

The difference between the optical surface detection and the actual surface depends on the Probe and is specified with each probe. (It does not depend on the surface reflectivity or the probe angle to the surface within ± 30°.)

Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values before running a detailed measurement around the hot spot. Before starting the area scan a grid spacing of 15 mm x 15 mm is set. During the scan the distance of the probe to the phantom remains unchanged.

After finishing area scan, the field maxima within a range of 2 dB will be ascertained.

Zoom Scan

Zoom Scans are used to estimate the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The default Zoom Scan is done by 7x7x7 points within a cube whose base is centered around the maxima found in the preceding area scan.

Spatial Peak Detection

The procedure for spatial peak SAR evaluation has been implemented and can determine values of masses of 1g and 10g, as well as for user-specific masses. The DASY5 system allows evaluations that combine measured data and robot positions, such as:

· maximum search

· extrapolation

· boundary correction

· peak search for averaged SAR

During a maximum search, global and local maxima searches are automatically performed in 2-D after each Area Scan measurement with at least 6 measurement points. It is based on the evaluation of the local SAR gradient calculated by the Quadratic Shepard’s method. The algorithm will find the global maximum and all local maxima within -2 dB of the global maxima for all SAR distributions.

Extrapolation routines are used to obtain SAR values between the lowest measurement points and the inner phantom surface. The extrapolation distance is determined by the surface detection distance and the probe sensor offset. Several measurements at different distances are necessary for the extrapolation. Extrapolation routines require at least 10 measurement points in 3-D space. They are used in the Zoom Scan to obtain SAR values between the lowest measurement points and the inner phantom surface. The routine uses the modified Quadratic Sheppard's method for extrapolation. For a grid using 7x7x7 measurement points with 5mm resolution amounting to 343 measurement points, the uncertainty of the extrapolation routines is less than 1% for 1g and 10g cubes.

A Z-axis scan measures the total SAR value at the x-and y-position of the maximum SAR value found during the cube 7x7x7 scan. The probe is moved away in z-direction from the bottom of the SAM phantom in 5mm steps.

5. DATA STORAGE AND EVALUATION

5.1.Data Storage

The DASY5 software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension ".DA4". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated.

The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [mW/g], [mW/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

5.2.Data Evaluation by SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters: - Sensitivity Normi, ai0, ai1, ai2
- Conversion factor ConvFi
- Diode compression point Dcpi

Device parameters: - Frequency
- Crest factor cf

Media parameters: - Conductivity
- Density

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY5 components. In the direct measuring mode of the millimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used. The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.
If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$Vi = Ui + Ui2 \cdot c f / d c pi$$

With Vi = compensated signal of channel i (i = x, y, z)

Ui = input signal of channel i (i = x, y, z)

cf = crest factor of exciting field (DASY parameter)

dcpi = diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes: Ei = (Vi / Normi · ConvF)1/2

H-field probes: Hi = (Vi)1/2 · (ai0 + ai1 f + ai2f2) / f

With Vi = compensated signal of channel i (i = x, y, z)

Normi = sensor sensitivity of channel i (i = x, y, z)

ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

Ei = electric field strength of channel i in V/m

Hi = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

Etot = (Ex2+ EY2+ Ez2)1/2

The primary field data are used to calculate the derived field units.

$$SAR = E_{tot}^2 \cdot \frac{\sigma}{\rho \cdot 1000}$$

with

SAR = local specific absorption rate in mW/g

Etot = total field strength in V/m

= conductivity in [mho/m] or [Siemens/m]

= equivalent tissue density in g/cm3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

Ppwe = Etot2 / 3770 or Ppwe = Htot2 · 37.7

with Ppwe = equivalent power density of a plane wave in mW/cm2

Etot = total electric field strength in V/m

Htot = total magnetic field strength in A/m

6. SYSTEM CHECK

The manufacturer calibrates the probes annually. Dielectric parameters of the tissue simulates were measured every day using the dielectric probe kit and the network analyzer. A system check measurement was made following the determination of the dielectric parameters of the simulates, using the dipole validation kit. A power level of 250 mW was supplied to the dipole antenna, which was placed under the flat section of the twin SAM phantom. The system check results (dielectric parameters and SAR values) are given in the ANNEX A.

System check results have to be equal or near the values determined during dipole calibration with the relevant liquids and test system (±10 %).

System check is performed regularly on all frequency bands where tests are performed with the DASY5 system.

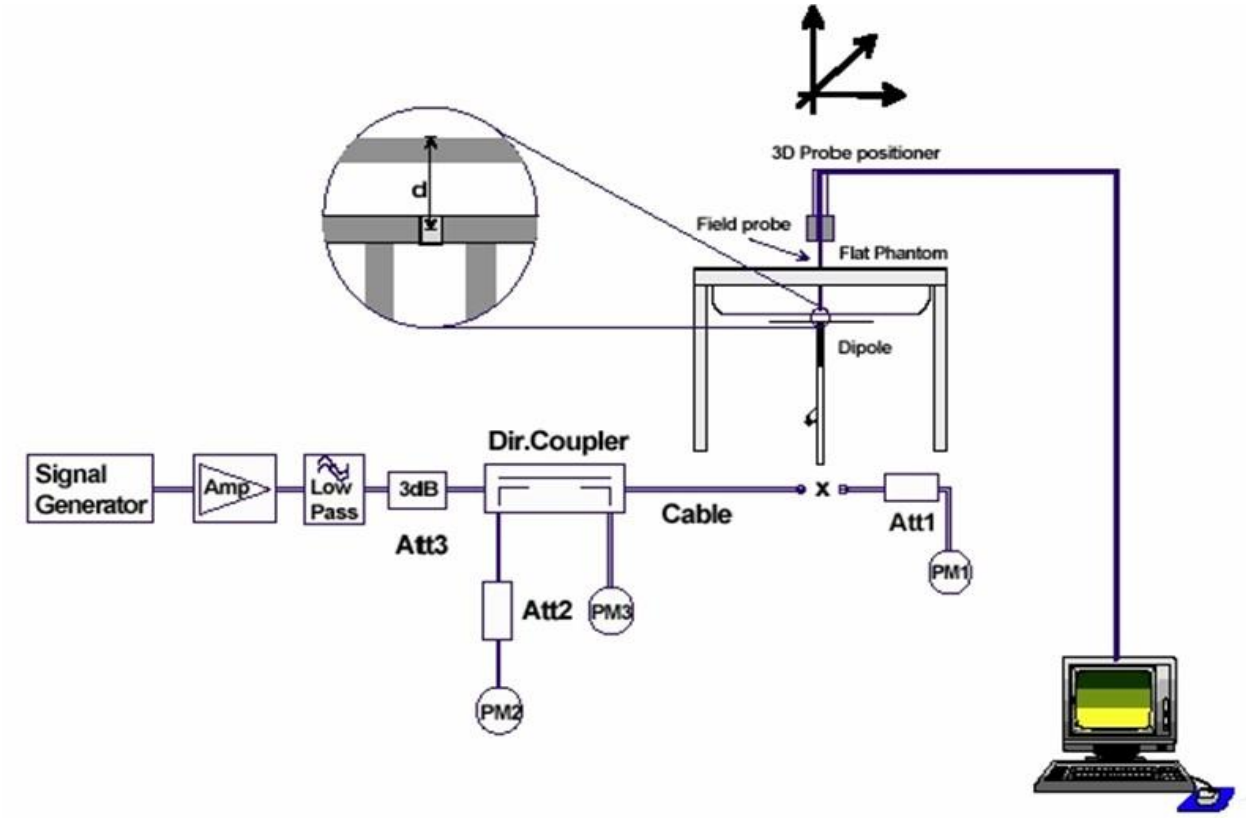


Figure 6.1: System Check Set-up

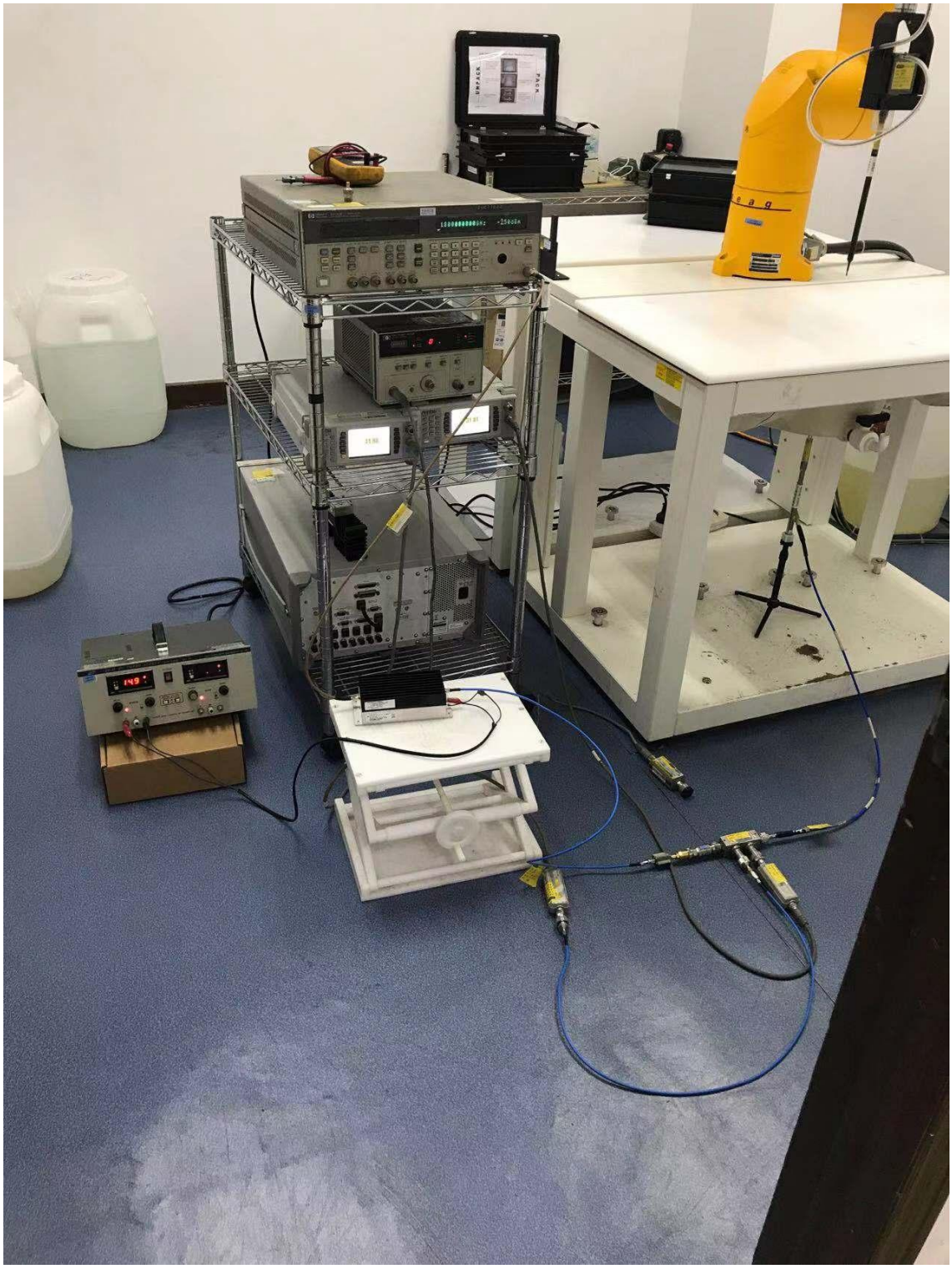


Figure 6.3: photos of system

7. TEST RESULTS

7.1.Output power

(WIFI 2.4GHz)
(Body)

Mode	Channel	AVG (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	17.552	30	PASS
	6	16.881	30	PASS
	11	17.157	30	PASS
IEEE 802.11g	1	16.627	30	PASS
	6	16.947	30	PASS
	11	16.953	30	PASS
IEEE 802.11n_20	1	16.444	30	PASS
	6	16.9666	30	PASS
	11	16.987	30	PASS
IEEE 802.11n_40	3	15.963	30	PASS
	6	16.229	30	PASS
	9	16.408	30	PASS

(Duty Cycle)

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)
IEEE 802.11b	1	1	1	6.241	6.438	96.94
		6		6.240	6.437	96.94
		11		6.240	6.437	96.94
IEEE 802.11g	6	1		1.033	1.230	83.97
		6		1.033	1.230	83.96
		11		1.033	1.230	83.97
IEEE 802.11n_20	MCS 0	1		0.973	1.170	83.14
		6		0.973	1.170	83.15
		11		0.973	1.170	83.12
IEEE 802.11n_40		3		0.489	0.687	71.08
		6		0.489	0.687	71.11
		9		0.489	0.687	71.11

Note: IEEE 802.11b has the maximum output power, so choose IEEE 802.11b as the SAR test mode.

(WIFI 5GHz-Band 1)
(Body)

Mode	Channel	AVG (dBm)	Result
IEEE 802.11a	36	17.928	PASS
	40	18.188	PASS
	48	17.320	PASS
IEEE 802.11n_20	36	16.931	PASS
	40	17.162	PASS
	48	17.452	PASS
IEEE 802.11n_40	38	17.202	PASS
	46	17.719	PASS
IEEE 802.11ac_20	36	16.920	PASS
	40	17.060	PASS
	48	17.416	PASS
IEEE 802.11ac_40	38	17.043	PASS
	46	17.785	PASS
IEEE 802.11ac_80	42	16.429	PASS

(Duty Cycle)

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)
IEEE 802.11a	6	36	1	1.362	1.558	87.42
		40		1.362	1.558	87.43
		48		1.362	1.558	87.42
IEEE 802.11n_20	MCS 0	36		1.151	1.347	85.45
		40		1.150	1.347	85.43
		48		1.150	1.347	85.44
IEEE 802.11n_40		38		0.633	0.830	76.21
		46		0.634	0.831	76.27
IEEE 802.11ac_20		36		0.977	1.173	83.26
		40		0.977	1.173	83.26
		48		0.977	1.173	83.26
IEEE 802.11ac_40		38		0.493	0.690	71.38
		46		0.492	0.690	71.38
IEEE 802.11ac_80		42		0.249	0.446	55.68

Note: IEEE 802.11a has the maximum output power, so choose IEEE 802.11a as the SAR test mode.

(WIFI 5GHz- Band 3)
(Body)

Mode	Channel	Ant. 0 (dBm)	Result
IEEE 802.11a	149	16.958	PASS
	157	17.134	PASS
	165	17.357	PASS
IEEE 802.11n_20	149	17.185	PASS
	157	16.825	PASS
	165	17.460	PASS
IEEE 802.11n_40	151	17.174	PASS
	159	16.976	PASS
IEEE 802.11ac_20	149	17.194	PASS
	157	16.837	PASS
	165	16.734	PASS
IEEE 802.11ac_40	151	17.287	PASS
	159	17.143	PASS
IEEE 802.11ac_80	155	16.323	PASS

(Duty Cycle)

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)
IEEE 802.11a	6	149	1	1.363	1.559	87.44
		157		1.363	1.559	87.44
		165		1.362	1.558	87.42
IEEE 802.11n_20	MCS 0	149		1.149	1.345	85.42
		157		1.149	1.345	85.42
		165		1.149	1.345	85.42
IEEE 802.11n_40		151		0.573	0.770	74.38
		159		0.573	0.770	74.38
IEEE 802.11ac_20		149		0.977	1.173	83.27
		157		0.977	1.173	83.27
		165		0.978	1.174	83.31
IEEE 802.11ac_40		151		0.493	0.690	71.39
		159		0.492	0.690	71.39
IEEE 802.11ac_80		155		0.250	0.448	55.85

Note: IEEE 802.11 n_20 has the maximum output power, so choose IEEE 802.11 n_20 as the SAR test mode.

(GSM)
(Body)

GSM850		Conducted Power (dBm)		
		CH128	CH190	CH251
		824.20MHz	836.60MHz	848.80MHz
GPRS (GMSK)	1TXslot	30.37	30.24	30.33
	2TXslots	29.27	29.21	28.88
	3TXslots	27.33	27.20	27.15
	4TXslots	25.27	25.22	25.07
EGPRS (8PSK)	1TXslot	25.30	25.15	25.01
	2TXslots	25.19	25.09	24.95
	3TXslots	23.43	23.33	23.19
	4TXslots	21.43	21.26	21.17

GSM1900		Conducted Power (dBm)		
		CH512	CH661	CH810
		1850.2MHz	1880.0MHz	1909.8MHz
GPRS (GMSK)	1TXslot	28.49	28.42	28.12
	2TXslots	27.33	27.48	27.16
	3TXslots	25.40	25.96	25.43
	4TXslots	23.92	24.22	24.47
EGPRS (8PSK)	1TXslot	27.18	26.47	26.36
	2TXslots	24.97	24.39	24.35
	3TXslots	22.57	21.94	22.07
	4TXslots	20.13	19.53	19.58

(UMTS)
(Body)

WCDMA Band II		Conducted Power (dBm)		
		CH9262	CH9400	CH9538
		1852.40	1880.00	1907.60
RMC 12.2K		20.79	20.58	20.68
HSDPA	Subtest-1	19.84	19.53	19.71
	Subtest-2	19.38	19.16	19.21
	Subtest-3	19.43	19.07	19.15
	Subtest-4	19.39	19.12	19.04
HSUPA	Subtest-1	19.43	19.18	19.19
	Subtest-2	18.60	18.48	18.58
	Subtest-3	18.14	18.16	18.59
	Subtest-4	19.37	18.99	18.51
	Subtest-5	19.97	19.60	19.69

WCDMA Band IV		Conducted Power (dBm)		
		CH1312	CH1413	CH1513
		1712.40	1732.60	1752.60
RMC 12.2K		20.08	19.88	19.97
HSDPA	Subtest-1	19.86	19.87	19.99
	Subtest-2	19.42	19.39	19.48
	Subtest-3	19.29	19.46	19.51
	Subtest-4	19.39	19.38	19.37
HSUPA	Subtest-1	19.15	19.35	19.69
	Subtest-2	18.67	18.80	19.13
	Subtest-3	18.53	18.76	18.91
	Subtest-4	19.31	18.73	19.43
	Subtest-5	20.01	19.74	20.14

WCDMA Band V		Conducted Power (dBm)		
		CH4132	CH4182	CH4233
		826.40	836.40	846.60
RMC 12.2K		21.21	21.37	21.37
HSDPA	Subtest-1	20.08	20.25	20.29
	Subtest-2	19.64	19.84	19.86
	Subtest-3	19.67	19.86	19.77
	Subtest-4	19.68	19.88	19.79
HSUPA	Subtest-1	19.46	20.09	19.74
	Subtest-2	19.18	18.72	18.88
	Subtest-3	18.19	18.35	18.48
	Subtest-4	19.09	19.12	19.21
	Subtest-5	20.15	20.33	20.37

(E-UTRA)
(Body)

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.12	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.20	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.07	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.98	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.97	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	24.01	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.98	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.04	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.09	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.98	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.97	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.94	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.99	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.10	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.11	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.28	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	24.13	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.19	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.07	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.26	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.01	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.98	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	23.99	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	24.01	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.65	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.42	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.93	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.85	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	23.88	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.96	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	23.94	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.14	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.03	PASS

Band2	1.4MHz	16QAM	19193	1RB#2	23.59	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.19	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	24.11	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	24.27	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	24.06	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.94	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.94	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.98	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.72	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.83	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.79	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.76	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.78	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.87	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.76	PASS
Band2	3MHz	QPSK	18900	8RB#0	23.39	PASS
Band2	3MHz	QPSK	18900	8RB#4	23.09	PASS
Band2	3MHz	QPSK	18900	8RB#7	23.41	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.86	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.05	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.81	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.83	PASS
Band2	3MHz	QPSK	19185	8RB#0	23.11	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.87	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.82	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.99	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.79	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.85	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.79	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.72	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.83	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.60	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.77	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.18	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.37	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	23.25	PASS
Band2	3MHz	16QAM	18900	8RB#4	23.38	PASS

Band2	3MHz	16QAM	18900	8RB#7	23.41	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.79	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.01	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.96	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.08	PASS
Band2	3MHz	16QAM	19185	8RB#0	23.07	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.87	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.81	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.07	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.77	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.08	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.77	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.87	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.85	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.94	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.89	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.65	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.72	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.77	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.78	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.78	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.91	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.78	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.15	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.01	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.02	PASS
Band2	5MHz	QPSK	19175	12RB#0	23.01	PASS
Band2	5MHz	QPSK	19175	12RB#6	23.01	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.92	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.10	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.59	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.74	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.67	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.86	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.84	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.94	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.89	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.95	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.81	PASS

Band2	5MHz	16QAM	18900	1RB#24	22.94	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.78	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.77	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.91	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.83	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.11	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.97	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.55	PASS
Band2	5MHz	16QAM	19175	12RB#0	23.01	PASS
Band2	5MHz	16QAM	19175	12RB#6	23.01	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.92	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.07	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.55	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.04	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.75	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.78	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.77	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.80	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.81	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.75	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.97	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.87	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.82	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.82	PASS
Band2	10MHz	QPSK	18900	25RB#25	23.05	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.85	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.90	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.20	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.05	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.12	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.13	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.03	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.10	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.64	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.98	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.59	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.77	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.76	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.79	PASS

Band2	10MHz	16QAM	18650	50RB#0	21.85	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.38	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.20	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.19	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.82	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.82	PASS
Band2	10MHz	16QAM	18900	25RB#25	23.06	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.98	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.06	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.47	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.97	PASS
Band2	10MHz	16QAM	19150	25RB#0	23.13	PASS
Band2	10MHz	16QAM	19150	25RB#12	23.13	PASS
Band2	10MHz	16QAM	19150	25RB#25	23.03	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.05	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.43	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.66	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.41	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.40	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.91	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.72	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.52	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.76	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.79	PASS
Band2	15MHz	QPSK	18900	38RB#0	23.43	PASS
Band2	15MHz	QPSK	18900	38RB#18	23.50	PASS
Band2	15MHz	QPSK	18900	38RB#37	23.33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.96	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.76	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.03	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.99	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.20	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.28	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.10	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.37	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.59	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.93	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.79	PASS

Band2	15MHz	16QAM	18675	38RB#0	22.63	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.89	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.58	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.76	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.42	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.53	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.46	PASS
Band2	15MHz	16QAM	18900	38RB#0	23.45	PASS
Band2	15MHz	16QAM	18900	38RB#18	23.52	PASS
Band2	15MHz	16QAM	18900	38RB#37	23.33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.99	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.35	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.21	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	23.19	PASS
Band2	15MHz	16QAM	19125	38RB#18	23.29	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.82	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.39	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.87	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.28	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.83	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.02	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.97	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.07	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.95	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.54	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.15	PASS
Band2	20MHz	QPSK	18900	50RB#0	23.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.99	PASS
Band2	20MHz	QPSK	18900	50RB#50	23.27	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.06	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.20	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.61	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.16	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.45	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.44	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.32	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.21	PASS

Band2	20MHz	16QAM	18700	1RB#0	22.63	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.49	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.06	PASS
Band2	20MHz	16QAM	18700	50RB#0	23.02	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.99	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.95	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.04	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.95	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.24	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.13	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.99	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.99	PASS
Band2	20MHz	16QAM	18900	50RB#50	23.19	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.10	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.37	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.72	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.35	PASS
Band2	20MHz	16QAM	19100	50RB#0	23.44	PASS
Band2	20MHz	16QAM	19100	50RB#25	23.43	PASS
Band2	20MHz	16QAM	19100	50RB#50	23.45	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.12	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.06	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.28	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	24.16	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	24.25	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	24.28	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.33	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.40	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.36	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	24.31	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	24.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	24.32	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.09	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.12	PASS

Band4	1.4MHz	QPSK	20393	1RB#5	23.91	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.05	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.94	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.97	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.21	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.97	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.03	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	24.14	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	24.26	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	24.29	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.24	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.18	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.95	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.82	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	24.20	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	24.29	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	24.32	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.08	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.13	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.04	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	23.95	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	24.01	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.86	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.26	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.19	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.19	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.11	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.19	PASS
Band4	3MHz	QPSK	19965	8RB#4	23.04	PASS
Band4	3MHz	QPSK	19965	8RB#7	23.05	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.16	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.34	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.43	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.29	PASS
Band4	3MHz	QPSK	20175	8RB#0	23.88	PASS
Band4	3MHz	QPSK	20175	8RB#4	23.60	PASS
Band4	3MHz	QPSK	20175	8RB#7	23.69	PASS

Band4	3MHz	QPSK	20175	15RB#0	23.31	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.95	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.90	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.89	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.65	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.67	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.65	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.05	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.02	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.05	PASS
Band4	3MHz	16QAM	19965	8RB#0	23.19	PASS
Band4	3MHz	16QAM	19965	8RB#4	23.05	PASS
Band4	3MHz	16QAM	19965	8RB#7	23.05	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.09	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.61	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.82	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.94	PASS
Band4	3MHz	16QAM	20175	8RB#0	23.62	PASS
Band4	3MHz	16QAM	20175	8RB#4	23.61	PASS
Band4	3MHz	16QAM	20175	8RB#7	23.69	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.11	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.89	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.73	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.80	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.58	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.66	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.85	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.04	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.12	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.25	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.12	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.15	PASS
Band4	5MHz	QPSK	19975	12RB#6	23.14	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.21	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.30	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.27	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.20	PASS

Band4	5MHz	QPSK	20175	12RB#0	23.26	PASS
Band4	5MHz	QPSK	20175	12RB#6	23.24	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.28	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.22	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.97	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.08	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.09	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.10	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.12	PASS
Band4	5MHz	QPSK	20375	12RB#13	23.07	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.14	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.10	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.17	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.07	PASS
Band4	5MHz	16QAM	19975	12RB#0	23.14	PASS
Band4	5MHz	16QAM	19975	12RB#6	23.13	PASS
Band4	5MHz	16QAM	19975	12RB#13	23.21	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.18	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.03	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.39	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.23	PASS
Band4	5MHz	16QAM	20175	12RB#0	23.25	PASS
Band4	5MHz	16QAM	20175	12RB#6	23.24	PASS
Band4	5MHz	16QAM	20175	12RB#13	23.28	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.26	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.92	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.97	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.21	PASS
Band4	5MHz	16QAM	20375	12RB#0	23.12	PASS
Band4	5MHz	16QAM	20375	12RB#6	23.13	PASS
Band4	5MHz	16QAM	20375	12RB#13	23.18	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.06	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.05	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.54	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.99	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.14	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.14	PASS
Band4	10MHz	QPSK	20000	25RB#25	23.27	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.12	PASS

Band4	10MHz	QPSK	20175	1RB#0	24.32	PASS
Band4	10MHz	QPSK	20175	1RB#24	25.29	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.14	PASS
Band4	10MHz	QPSK	20175	25RB#0	23.21	PASS
Band4	10MHz	QPSK	20175	25RB#12	23.19	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.17	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.25	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.84	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.19	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.93	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.24	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.10	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.01	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.05	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.92	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.50	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.83	PASS
Band4	10MHz	16QAM	20000	25RB#0	23.14	PASS
Band4	10MHz	16QAM	20000	25RB#12	23.13	PASS
Band4	10MHz	16QAM	20000	25RB#25	23.26	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.17	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.13	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.83	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.36	PASS
Band4	10MHz	16QAM	20175	25RB#0	23.19	PASS
Band4	10MHz	16QAM	20175	25RB#12	23.19	PASS
Band4	10MHz	16QAM	20175	25RB#25	23.18	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.02	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.33	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.96	PASS
Band4	10MHz	16QAM	20350	25RB#0	23.09	PASS
Band4	10MHz	16QAM	20350	25RB#12	23.10	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.99	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.05	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.11	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.13	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.14	PASS
Band4	15MHz	QPSK	20025	38RB#0	23.33	PASS

Band4	15MHz	QPSK	20025	38RB#18	23.24	PASS
Band4	15MHz	QPSK	20025	38RB#37	23.09	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.23	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.25	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.40	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	23.09	PASS
Band4	15MHz	QPSK	20175	38RB#18	24.04	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.04	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.21	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.18	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.08	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.87	PASS
Band4	15MHz	QPSK	20325	38RB#0	23.90	PASS
Band4	15MHz	QPSK	20325	38RB#18	23.03	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.94	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.14	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.38	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.28	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.39	PASS
Band4	15MHz	16QAM	20025	38RB#0	23.36	PASS
Band4	15MHz	16QAM	20025	38RB#18	23.23	PASS
Band4	15MHz	16QAM	20025	38RB#37	23.10	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.29	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.06	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.18	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	23.05	PASS
Band4	15MHz	16QAM	20175	38RB#18	23.91	PASS
Band4	15MHz	16QAM	20175	38RB#37	23.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.26	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.15	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.02	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.87	PASS
Band4	15MHz	16QAM	20325	38RB#0	23.17	PASS
Band4	15MHz	16QAM	20325	38RB#18	23.04	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.90	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.05	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.06	PASS

Band4	20MHz	QPSK	20050	1RB#49	25.65	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.05	PASS
Band4	20MHz	QPSK	20050	50RB#0	24.11	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.21	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.32	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.17	PASS
Band4	20MHz	QPSK	20175	1RB#49	25.15	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.94	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.22	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.17	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.22	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.24	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.26	PASS
Band4	20MHz	QPSK	20300	1RB#49	25.57	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.71	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.97	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.23	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.03	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.07	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.68	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.69	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.21	PASS
Band4	20MHz	16QAM	20050	50RB#0	23.21	PASS
Band4	20MHz	16QAM	20050	50RB#25	23.21	PASS
Band4	20MHz	16QAM	20050	50RB#50	23.32	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.36	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.92	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.11	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.04	PASS
Band4	20MHz	16QAM	20175	50RB#0	23.17	PASS
Band4	20MHz	16QAM	20175	50RB#25	23.26	PASS
Band4	20MHz	16QAM	20175	50RB#50	23.25	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.22	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.24	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.42	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.57	PASS
Band4	20MHz	16QAM	20300	50RB#0	23.22	PASS
Band4	20MHz	16QAM	20300	50RB#25	23.23	PASS

Band4	20MHz	16QAM	20300	50RB#50	23.03	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.18	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.07	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.92	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.23	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.20	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.14	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.23	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.25	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.32	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.33	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.26	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.23	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.32	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.19	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.20	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.27	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.25	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.57	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.48	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	24.32	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.32	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	24.33	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.32	PASS

Band5	1.4MHz	16QAM	20643	1RB#2	23.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.97	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	24.19	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	24.18	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	24.12	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.08	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.05	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.95	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.91	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.95	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.77	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.16	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.29	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.38	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.58	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.75	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.35	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.37	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.51	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.41	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.28	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.35	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.29	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.92	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.95	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.93	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.82	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.93	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.07	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.32	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.31	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.20	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.75	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.51	PASS

Band5	3MHz	16QAM	20525	8RB#7	23.84	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.22	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.44	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.19	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.40	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.43	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.32	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.23	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.04	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.21	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.95	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.22	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.20	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.18	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.16	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.27	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.15	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.22	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.20	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.24	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.24	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.21	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.48	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.31	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.35	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.38	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.31	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.19	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.33	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.27	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.21	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.20	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.17	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.18	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.31	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.41	PASS

Band5	5MHz	16QAM	20525	1RB#24	23.18	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.21	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.21	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.25	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.18	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.30	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.17	PASS
Band5	5MHz	16QAM	20625	12RB#0	23.37	PASS
Band5	5MHz	16QAM	20625	12RB#6	23.28	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.28	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.44	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.96	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.61	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.10	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.21	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.22	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.30	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.26	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.33	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.34	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.25	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.21	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.19	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.30	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.28	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.22	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.34	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.29	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.48	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.39	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.93	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.14	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.15	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.24	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.21	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.31	PASS

Band5	10MHz	16QAM	20450	50RB#0	22.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.64	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.39	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.42	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.19	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.19	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.33	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.35	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.26	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.40	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.20	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.47	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.48	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.34	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.35	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.90	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.91	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.85	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.88	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.87	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.94	PASS
Band7	5MHz	QPSK	20775	24RB#0	22.90	PASS
Band7	5MHz	QPSK	21100	1RB#0	24.18	PASS
Band7	5MHz	QPSK	21100	1RB#12	24.34	PASS
Band7	5MHz	QPSK	21100	1RB#24	24.11	PASS
Band7	5MHz	QPSK	21100	12RB#0	23.31	PASS
Band7	5MHz	QPSK	21100	12RB#6	23.32	PASS
Band7	5MHz	QPSK	21100	12RB#13	23.26	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.27	PASS
Band7	5MHz	QPSK	21425	1RB#0	24.24	PASS
Band7	5MHz	QPSK	21425	1RB#12	24.40	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.99	PASS
Band7	5MHz	QPSK	21425	12RB#0	23.29	PASS
Band7	5MHz	QPSK	21425	12RB#6	23.27	PASS
Band7	5MHz	QPSK	21425	12RB#13	23.21	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.19	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.08	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.09	PASS

Band7	5MHz	16QAM	20775	1RB#24	22.86	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.88	PASS
Band7	5MHz	16QAM	20775	12RB#6	22.87	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.92	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.85	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.29	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.17	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.18	PASS
Band7	5MHz	16QAM	21100	12RB#0	23.32	PASS
Band7	5MHz	16QAM	21100	12RB#6	23.33	PASS
Band7	5MHz	16QAM	21100	12RB#13	23.26	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.25	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.07	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.94	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.07	PASS
Band7	5MHz	16QAM	21425	12RB#0	23.28	PASS
Band7	5MHz	16QAM	21425	12RB#6	23.27	PASS
Band7	5MHz	16QAM	21425	12RB#13	23.21	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.16	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.71	PASS
Band7	10MHz	QPSK	20800	1RB#24	24.07	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.88	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.89	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.89	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.92	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.94	PASS
Band7	10MHz	QPSK	21100	1RB#0	24.27	PASS
Band7	10MHz	QPSK	21100	1RB#24	24.48	PASS
Band7	10MHz	QPSK	21100	1RB#49	24.10	PASS
Band7	10MHz	QPSK	21100	25RB#0	23.38	PASS
Band7	10MHz	QPSK	21100	25RB#12	23.29	PASS
Band7	10MHz	QPSK	21100	25RB#25	23.23	PASS
Band7	10MHz	QPSK	21100	50RB#0	23.18	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.21	PASS
Band7	10MHz	QPSK	21400	1RB#24	24.29	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.91	PASS
Band7	10MHz	QPSK	21400	25RB#0	23.47	PASS
Band7	10MHz	QPSK	21400	25RB#12	23.45	PASS
Band7	10MHz	QPSK	21400	25RB#25	23.27	PASS

Band7	10MHz	QPSK	21400	50RB#0	23.38	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.95	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.15	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.99	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.90	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.89	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.90	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.97	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.14	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.50	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.32	PASS
Band7	10MHz	16QAM	21100	25RB#0	23.41	PASS
Band7	10MHz	16QAM	21100	25RB#12	23.30	PASS
Band7	10MHz	16QAM	21100	25RB#25	23.22	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.23	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.31	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.47	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.64	PASS
Band7	10MHz	16QAM	21400	25RB#0	23.45	PASS
Band7	10MHz	16QAM	21400	25RB#12	23.44	PASS
Band7	10MHz	16QAM	21400	25RB#25	23.29	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.41	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.75	PASS
Band7	15MHz	QPSK	20825	1RB#38	24.06	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.77	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.63	PASS
Band7	15MHz	QPSK	20825	38RB#18	23.25	PASS
Band7	15MHz	QPSK	20825	38RB#37	23.07	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	24.32	PASS
Band7	15MHz	QPSK	21100	1RB#38	24.33	PASS
Band7	15MHz	QPSK	21100	1RB#74	24.08	PASS
Band7	15MHz	QPSK	21100	38RB#0	24.01	PASS
Band7	15MHz	QPSK	21100	38RB#18	23.87	PASS
Band7	15MHz	QPSK	21100	38RB#37	23.19	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.27	PASS
Band7	15MHz	QPSK	21375	1RB#0	24.37	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.41	PASS
Band7	15MHz	QPSK	21375	1RB#74	24.10	PASS

Band7	15MHz	QPSK	21375	38RB#0	23.35	PASS
Band7	15MHz	QPSK	21375	38RB#18	23.38	PASS
Band7	15MHz	QPSK	21375	38RB#37	23.22	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.43	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.92	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.23	PASS
Band7	15MHz	16QAM	20825	1RB#74	23.09	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.60	PASS
Band7	15MHz	16QAM	20825	38RB#18	23.21	PASS
Band7	15MHz	16QAM	20825	38RB#37	23.08	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.05	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.11	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.18	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.54	PASS
Band7	15MHz	16QAM	21100	38RB#0	24.03	PASS
Band7	15MHz	16QAM	21100	38RB#18	23.88	PASS
Band7	15MHz	16QAM	21100	38RB#37	23.16	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.31	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.32	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.38	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.51	PASS
Band7	15MHz	16QAM	21375	38RB#0	23.31	PASS
Band7	15MHz	16QAM	21375	38RB#18	23.37	PASS
Band7	15MHz	16QAM	21375	38RB#37	23.25	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.31	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.93	PASS
Band7	20MHz	QPSK	20850	1RB#49	24.25	PASS
Band7	20MHz	QPSK	20850	1RB#99	24.05	PASS
Band7	20MHz	QPSK	20850	50RB#0	23.06	PASS
Band7	20MHz	QPSK	20850	50RB#25	23.02	PASS
Band7	20MHz	QPSK	20850	50RB#50	23.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.07	PASS
Band7	20MHz	QPSK	21100	1RB#0	24.33	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.71	PASS
Band7	20MHz	QPSK	21100	1RB#99	24.13	PASS
Band7	20MHz	QPSK	21100	50RB#0	23.45	PASS
Band7	20MHz	QPSK	21100	50RB#25	23.49	PASS
Band7	20MHz	QPSK	21100	50RB#50	23.36	PASS
Band7	20MHz	QPSK	21100	100RB#0	23.37	PASS

Band7	20MHz	QPSK	21350	1RB#0	24.40	PASS
Band7	20MHz	QPSK	21350	1RB#49	24.58	PASS
Band7	20MHz	QPSK	21350	1RB#99	24.14	PASS
Band7	20MHz	QPSK	21350	50RB#0	23.40	PASS
Band7	20MHz	QPSK	21350	50RB#25	23.44	PASS
Band7	20MHz	QPSK	21350	50RB#50	23.46	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.51	PASS
Band7	20MHz	16QAM	20850	1RB#0	23.92	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.74	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.85	PASS
Band7	20MHz	16QAM	20850	50RB#0	23.03	PASS
Band7	20MHz	16QAM	20850	50RB#25	23.02	PASS
Band7	20MHz	16QAM	20850	50RB#50	23.10	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.13	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.13	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.60	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.96	PASS
Band7	20MHz	16QAM	21100	50RB#0	23.48	PASS
Band7	20MHz	16QAM	21100	50RB#25	23.49	PASS
Band7	20MHz	16QAM	21100	50RB#50	23.34	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.44	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.66	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.83	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.52	PASS
Band7	20MHz	16QAM	21350	50RB#0	23.44	PASS
Band7	20MHz	16QAM	21350	50RB#25	23.44	PASS
Band7	20MHz	16QAM	21350	50RB#50	23.50	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.63	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.17	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.03	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.07	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.10	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.14	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.14	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.31	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.18	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.12	PASS

Band12	1.4MHz	QPSK	23095	3RB#0	24.17	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.14	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.29	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.22	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.10	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.05	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.21	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.17	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.00	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.30	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.17	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.03	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	24.06	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	24.13	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	24.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.09	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.56	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.16	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	24.15	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	24.24	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	24.28	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.99	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	24.27	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	24.16	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.99	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.45	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.15	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.36	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.23	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.32	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.37	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.17	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.22	PASS

Band12	3MHz	QPSK	23095	1RB#0	24.17	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.33	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.24	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.06	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.61	PASS
Band12	3MHz	QPSK	23095	8RB#7	24.17	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.40	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.11	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.21	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.01	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.37	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.44	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.23	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.39	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.35	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.92	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.30	PASS
Band12	3MHz	16QAM	23025	8RB#0	23.31	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.93	PASS
Band12	3MHz	16QAM	23025	8RB#7	23.16	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.14	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.58	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.90	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.22	PASS
Band12	3MHz	16QAM	23095	8RB#0	23.61	PASS
Band12	3MHz	16QAM	23095	8RB#4	23.60	PASS
Band12	3MHz	16QAM	23095	8RB#7	23.66	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.23	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.52	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.42	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.29	PASS
Band12	3MHz	16QAM	23165	8RB#0	23.45	PASS
Band12	3MHz	16QAM	23165	8RB#4	23.45	PASS
Band12	3MHz	16QAM	23165	8RB#7	23.24	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.51	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.38	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.40	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.12	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.28	PASS

Band12	5MHz	QPSK	23035	12RB#6	23.27	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.22	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.35	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.02	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.13	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.21	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.20	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.19	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.44	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.30	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.33	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.48	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.03	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.49	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.45	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.23	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.33	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.34	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.46	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.00	PASS
Band12	5MHz	16QAM	23035	12RB#0	23.27	PASS
Band12	5MHz	16QAM	23035	12RB#6	23.27	PASS
Band12	5MHz	16QAM	23035	12RB#13	23.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.33	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.41	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.69	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.04	PASS
Band12	5MHz	16QAM	23095	12RB#0	23.19	PASS
Band12	5MHz	16QAM	23095	12RB#6	23.19	PASS
Band12	5MHz	16QAM	23095	12RB#13	23.32	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.58	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.31	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.42	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.08	PASS
Band12	5MHz	16QAM	23155	12RB#0	23.45	PASS
Band12	5MHz	16QAM	23155	12RB#6	23.45	PASS
Band12	5MHz	16QAM	23155	12RB#13	23.25	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.47	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.88	PASS

Band12	10MHz	QPSK	23060	1RB#24	24.20	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.04	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.11	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.12	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.15	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.22	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.16	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.21	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.33	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.23	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.24	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.37	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.25	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.02	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.34	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.86	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.31	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.28	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.35	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.28	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.62	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.05	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.15	PASS
Band12	10MHz	16QAM	23060	25RB#0	23.12	PASS
Band12	10MHz	16QAM	23060	25RB#12	23.12	PASS
Band12	10MHz	16QAM	23060	25RB#25	23.13	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.07	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.72	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.57	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.32	PASS
Band12	10MHz	16QAM	23095	25RB#0	23.24	PASS
Band12	10MHz	16QAM	23095	25RB#12	23.24	PASS
Band12	10MHz	16QAM	23095	25RB#25	23.36	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.48	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.14	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.45	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.04	PASS
Band12	10MHz	16QAM	23130	25RB#0	23.28	PASS
Band12	10MHz	16QAM	23130	25RB#12	23.28	PASS

Band12	10MHz	16QAM	23130	25RB#25	23.35	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.48	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	24.37	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.35	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.13	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.38	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.33	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.33	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.27	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.16	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.33	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.95	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.38	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.29	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.22	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.18	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.41	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.34	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.23	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.26	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.30	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.17	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.20	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.10	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.29	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.89	PASS
Band13	5MHz	16QAM	23205	12RB#0	23.34	PASS
Band13	5MHz	16QAM	23205	12RB#6	23.33	PASS
Band13	5MHz	16QAM	23205	12RB#13	23.36	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.20	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.09	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.28	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.19	PASS
Band13	5MHz	16QAM	23230	12RB#0	23.38	PASS
Band13	5MHz	16QAM	23230	12RB#6	23.30	PASS
Band13	5MHz	16QAM	23230	12RB#13	23.22	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.36	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.04	PASS

Band13	5MHz	16QAM	23255	1RB#12	23.21	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.79	PASS
Band13	5MHz	16QAM	23255	12RB#0	23.29	PASS
Band13	5MHz	16QAM	23255	12RB#6	23.30	PASS
Band13	5MHz	16QAM	23255	12RB#13	23.14	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.18	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	3MHz	QPSK	26055	1RB#0	24.08	PASS
Band25	3MHz	QPSK	26055	1RB#8	24.37	PASS
Band25	3MHz	QPSK	26055	1RB#14	24.39	PASS
Band25	3MHz	QPSK	26055	8RB#0	23.19	PASS
Band25	3MHz	QPSK	26055	8RB#4	23.31	PASS
Band25	3MHz	QPSK	26055	8RB#7	23.19	PASS
Band25	3MHz	QPSK	26055	15RB#0	23.30	PASS
Band25	3MHz	QPSK	26365	1RB#0	24.13	PASS
Band25	3MHz	QPSK	26365	1RB#8	24.41	PASS
Band25	3MHz	QPSK	26365	1RB#14	24.33	PASS
Band25	3MHz	QPSK	26365	8RB#0	23.52	PASS
Band25	3MHz	QPSK	26365	8RB#4	23.64	PASS
Band25	3MHz	QPSK	26365	8RB#7	23.68	PASS
Band25	3MHz	QPSK	26365	15RB#0	23.28	PASS
Band25	3MHz	QPSK	26675	1RB#0	24.41	PASS
Band25	3MHz	QPSK	26675	1RB#8	24.53	PASS
Band25	3MHz	QPSK	26675	1RB#14	24.56	PASS
Band25	3MHz	QPSK	26675	8RB#0	23.23	PASS
Band25	3MHz	QPSK	26675	8RB#4	23.75	PASS
Band25	3MHz	QPSK	26675	8RB#7	23.69	PASS
Band25	3MHz	QPSK	26675	15RB#0	23.66	PASS
Band25	3MHz	16QAM	26055	1RB#0	23.01	PASS
Band25	3MHz	16QAM	26055	1RB#8	23.21	PASS
Band25	3MHz	16QAM	26055	1RB#14	23.20	PASS
Band25	3MHz	16QAM	26055	8RB#0	23.18	PASS
Band25	3MHz	16QAM	26055	8RB#4	23.30	PASS
Band25	3MHz	16QAM	26055	8RB#7	23.19	PASS
Band25	3MHz	16QAM	26055	15RB#0	22.03	PASS
Band25	3MHz	16QAM	26365	1RB#0	23.65	PASS
Band25	3MHz	16QAM	26365	1RB#8	23.18	PASS
Band25	3MHz	16QAM	26365	1RB#14	23.67	PASS
Band25	3MHz	16QAM	26365	8RB#0	23.52	PASS

Band25	3MHz	16QAM	26365	8RB#4	23.64	PASS
Band25	3MHz	16QAM	26365	8RB#7	23.86	PASS
Band25	3MHz	16QAM	26365	15RB#0	22.03	PASS
Band25	3MHz	16QAM	26675	1RB#0	24.13	PASS
Band25	3MHz	16QAM	26675	1RB#8	23.55	PASS
Band25	3MHz	16QAM	26675	1RB#14	23.45	PASS
Band25	3MHz	16QAM	26675	8RB#0	23.26	PASS
Band25	3MHz	16QAM	26675	8RB#4	23.72	PASS
Band25	3MHz	16QAM	26675	8RB#7	23.34	PASS
Band25	3MHz	16QAM	26675	15RB#0	22.61	PASS
Band25	5MHz	QPSK	26065	1RB#0	24.25	PASS
Band25	5MHz	QPSK	26065	1RB#12	24.13	PASS
Band25	5MHz	QPSK	26065	1RB#24	24.14	PASS
Band25	5MHz	QPSK	26065	12RB#0	23.18	PASS
Band25	5MHz	QPSK	26065	12RB#6	23.17	PASS
Band25	5MHz	QPSK	26065	12RB#13	23.19	PASS
Band25	5MHz	QPSK	26065	25RB#0	23.21	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.96	PASS
Band25	5MHz	QPSK	26365	1RB#12	24.24	PASS
Band25	5MHz	QPSK	26365	1RB#24	24.07	PASS
Band25	5MHz	QPSK	26365	12RB#0	23.20	PASS
Band25	5MHz	QPSK	26365	12RB#6	23.20	PASS
Band25	5MHz	QPSK	26365	12RB#13	23.36	PASS
Band25	5MHz	QPSK	26365	25RB#0	23.23	PASS
Band25	5MHz	QPSK	26665	1RB#0	24.68	PASS
Band25	5MHz	QPSK	26665	1RB#12	24.66	PASS
Band25	5MHz	QPSK	26665	1RB#24	24.76	PASS
Band25	5MHz	QPSK	26665	12RB#0	23.69	PASS
Band25	5MHz	QPSK	26665	12RB#6	23.63	PASS
Band25	5MHz	QPSK	26665	12RB#13	23.54	PASS
Band25	5MHz	QPSK	26665	25RB#0	23.67	PASS
Band25	5MHz	16QAM	26065	1RB#0	23.32	PASS
Band25	5MHz	16QAM	26065	1RB#12	23.31	PASS
Band25	5MHz	16QAM	26065	1RB#24	23.46	PASS
Band25	5MHz	16QAM	26065	12RB#0	23.17	PASS
Band25	5MHz	16QAM	26065	12RB#6	23.16	PASS
Band25	5MHz	16QAM	26065	12RB#13	23.19	PASS
Band25	5MHz	16QAM	26065	25RB#0	22.01	PASS
Band25	5MHz	16QAM	26365	1RB#0	23.17	PASS

Band25	5MHz	16QAM	26365	1RB#12	23.55	PASS
Band25	5MHz	16QAM	26365	1RB#24	23.53	PASS
Band25	5MHz	16QAM	26365	12RB#0	23.20	PASS
Band25	5MHz	16QAM	26365	12RB#6	23.20	PASS
Band25	5MHz	16QAM	26365	12RB#13	23.36	PASS
Band25	5MHz	16QAM	26365	25RB#0	22.28	PASS
Band25	5MHz	16QAM	26665	1RB#0	23.48	PASS
Band25	5MHz	16QAM	26665	1RB#12	23.67	PASS
Band25	5MHz	16QAM	26665	1RB#24	23.49	PASS
Band25	5MHz	16QAM	26665	12RB#0	23.62	PASS
Band25	5MHz	16QAM	26665	12RB#6	23.63	PASS
Band25	5MHz	16QAM	26665	12RB#13	23.59	PASS
Band25	5MHz	16QAM	26665	25RB#0	22.62	PASS
Band25	10MHz	QPSK	26090	1RB#0	24.34	PASS
Band25	10MHz	QPSK	26090	1RB#24	24.58	PASS
Band25	10MHz	QPSK	26090	1RB#49	24.11	PASS
Band25	10MHz	QPSK	26090	25RB#0	23.20	PASS
Band25	10MHz	QPSK	26090	25RB#12	23.19	PASS
Band25	10MHz	QPSK	26090	25RB#25	23.26	PASS
Band25	10MHz	QPSK	26090	50RB#0	23.15	PASS
Band25	10MHz	QPSK	26365	1RB#0	24.27	PASS
Band25	10MHz	QPSK	26365	1RB#24	24.38	PASS
Band25	10MHz	QPSK	26365	1RB#49	24.43	PASS
Band25	10MHz	QPSK	26365	25RB#0	23.18	PASS
Band25	10MHz	QPSK	26365	25RB#12	23.19	PASS
Band25	10MHz	QPSK	26365	25RB#25	23.42	PASS
Band25	10MHz	QPSK	26365	50RB#0	23.21	PASS
Band25	10MHz	QPSK	26640	1RB#0	24.34	PASS
Band25	10MHz	QPSK	26640	1RB#24	24.56	PASS
Band25	10MHz	QPSK	26640	1RB#49	24.47	PASS
Band25	10MHz	QPSK	26640	25RB#0	23.48	PASS
Band25	10MHz	QPSK	26640	25RB#12	23.53	PASS
Band25	10MHz	QPSK	26640	25RB#25	23.68	PASS
Band25	10MHz	QPSK	26640	50RB#0	23.71	PASS
Band25	10MHz	16QAM	26090	1RB#0	23.45	PASS
Band25	10MHz	16QAM	26090	1RB#24	23.21	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.82	PASS
Band25	10MHz	16QAM	26090	25RB#0	23.20	PASS
Band25	10MHz	16QAM	26090	25RB#12	23.19	PASS

Band25	10MHz	16QAM	26090	25RB#25	23.25	PASS
Band25	10MHz	16QAM	26090	50RB#0	22.09	PASS
Band25	10MHz	16QAM	26365	1RB#0	24.10	PASS
Band25	10MHz	16QAM	26365	1RB#24	23.56	PASS
Band25	10MHz	16QAM	26365	1RB#49	23.67	PASS
Band25	10MHz	16QAM	26365	25RB#0	23.19	PASS
Band25	10MHz	16QAM	26365	25RB#12	23.19	PASS
Band25	10MHz	16QAM	26365	25RB#25	23.42	PASS
Band25	10MHz	16QAM	26365	50RB#0	22.24	PASS
Band25	10MHz	16QAM	26640	1RB#0	23.43	PASS
Band25	10MHz	16QAM	26640	1RB#24	24.02	PASS
Band25	10MHz	16QAM	26640	1RB#49	23.70	PASS
Band25	10MHz	16QAM	26640	25RB#0	23.52	PASS
Band25	10MHz	16QAM	26640	25RB#12	23.53	PASS
Band25	10MHz	16QAM	26640	25RB#25	23.64	PASS
Band25	10MHz	16QAM	26640	50RB#0	22.67	PASS
Band25	15MHz	QPSK	26115	1RB#0	24.06	PASS
Band25	15MHz	QPSK	26115	1RB#38	24.04	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.69	PASS
Band25	15MHz	QPSK	26115	38RB#0	23.03	PASS
Band25	15MHz	QPSK	26115	38RB#18	23.17	PASS
Band25	15MHz	QPSK	26115	38RB#37	22.65	PASS
Band25	15MHz	QPSK	26115	75RB#0	23.14	PASS
Band25	15MHz	QPSK	26365	1RB#0	24.17	PASS
Band25	15MHz	QPSK	26365	1RB#38	24.33	PASS
Band25	15MHz	QPSK	26365	1RB#74	24.31	PASS
Band25	15MHz	QPSK	26365	38RB#0	23.04	PASS
Band25	15MHz	QPSK	26365	38RB#18	23.87	PASS
Band25	15MHz	QPSK	26365	38RB#37	23.98	PASS
Band25	15MHz	QPSK	26365	75RB#0	23.17	PASS
Band25	15MHz	QPSK	26615	1RB#0	24.25	PASS
Band25	15MHz	QPSK	26615	1RB#38	24.54	PASS
Band25	15MHz	QPSK	26615	1RB#74	24.42	PASS
Band25	15MHz	QPSK	26615	38RB#0	23.36	PASS
Band25	15MHz	QPSK	26615	38RB#18	23.78	PASS
Band25	15MHz	QPSK	26615	38RB#37	23.47	PASS
Band25	15MHz	QPSK	26615	75RB#0	23.61	PASS
Band25	15MHz	16QAM	26115	1RB#0	23.21	PASS
Band25	15MHz	16QAM	26115	1RB#38	23.21	PASS

Band25	15MHz	16QAM	26115	1RB#74	22.86	PASS
Band25	15MHz	16QAM	26115	38RB#0	23.04	PASS
Band25	15MHz	16QAM	26115	38RB#18	23.16	PASS
Band25	15MHz	16QAM	26115	38RB#37	22.63	PASS
Band25	15MHz	16QAM	26115	75RB#0	22.16	PASS
Band25	15MHz	16QAM	26365	1RB#0	23.06	PASS
Band25	15MHz	16QAM	26365	1RB#38	23.11	PASS
Band25	15MHz	16QAM	26365	1RB#74	23.18	PASS
Band25	15MHz	16QAM	26365	38RB#0	23.04	PASS
Band25	15MHz	16QAM	26365	38RB#18	24.05	PASS
Band25	15MHz	16QAM	26365	38RB#37	23.89	PASS
Band25	15MHz	16QAM	26365	75RB#0	22.21	PASS
Band25	15MHz	16QAM	26615	1RB#0	23.39	PASS
Band25	15MHz	16QAM	26615	1RB#38	23.62	PASS
Band25	15MHz	16QAM	26615	1RB#74	23.49	PASS
Band25	15MHz	16QAM	26615	38RB#0	23.41	PASS
Band25	15MHz	16QAM	26615	38RB#18	23.78	PASS
Band25	15MHz	16QAM	26615	38RB#37	23.50	PASS
Band25	15MHz	16QAM	26615	75RB#0	22.54	PASS
Band25	20MHz	QPSK	26140	1RB#0	24.18	PASS
Band25	20MHz	QPSK	26140	1RB#49	24.33	PASS
Band25	20MHz	QPSK	26140	1RB#99	24.05	PASS
Band25	20MHz	QPSK	26140	50RB#0	23.17	PASS
Band25	20MHz	QPSK	26140	50RB#25	23.17	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.99	PASS
Band25	20MHz	QPSK	26140	100RB#0	23.11	PASS
Band25	20MHz	QPSK	26365	1RB#0	24.01	PASS
Band25	20MHz	QPSK	26365	1RB#49	24.67	PASS
Band25	20MHz	QPSK	26365	1RB#99	24.39	PASS
Band25	20MHz	QPSK	26365	50RB#0	23.01	PASS
Band25	20MHz	QPSK	26365	50RB#25	23.04	PASS
Band25	20MHz	QPSK	26365	50RB#50	23.40	PASS
Band25	20MHz	QPSK	26365	100RB#0	23.17	PASS
Band25	20MHz	QPSK	26590	1RB#0	24.19	PASS
Band25	20MHz	QPSK	26590	1RB#49	24.41	PASS
Band25	20MHz	QPSK	26590	1RB#99	24.33	PASS
Band25	20MHz	QPSK	26590	50RB#0	23.26	PASS
Band25	20MHz	QPSK	26590	50RB#25	23.31	PASS
Band25	20MHz	QPSK	26590	50RB#50	23.41	PASS

Band25	20MHz	QPSK	26590	100RB#0	23.38	PASS
Band25	20MHz	16QAM	26140	1RB#0	24.07	PASS
Band25	20MHz	16QAM	26140	1RB#49	23.80	PASS
Band25	20MHz	16QAM	26140	1RB#99	23.90	PASS
Band25	20MHz	16QAM	26140	50RB#0	23.18	PASS
Band25	20MHz	16QAM	26140	50RB#25	23.18	PASS
Band25	20MHz	16QAM	26140	50RB#50	22.97	PASS
Band25	20MHz	16QAM	26140	100RB#0	22.24	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.93	PASS
Band25	20MHz	16QAM	26365	1RB#49	23.18	PASS
Band25	20MHz	16QAM	26365	1RB#99	23.38	PASS
Band25	20MHz	16QAM	26365	50RB#0	23.04	PASS
Band25	20MHz	16QAM	26365	50RB#25	23.04	PASS
Band25	20MHz	16QAM	26365	50RB#50	23.39	PASS
Band25	20MHz	16QAM	26365	100RB#0	22.21	PASS
Band25	20MHz	16QAM	26590	1RB#0	23.33	PASS
Band25	20MHz	16QAM	26590	1RB#49	24.02	PASS
Band25	20MHz	16QAM	26590	1RB#99	23.47	PASS
Band25	20MHz	16QAM	26590	50RB#0	23.31	PASS
Band25	20MHz	16QAM	26590	50RB#25	23.31	PASS
Band25	20MHz	16QAM	26590	50RB#50	23.25	PASS
Band25	20MHz	16QAM	26590	100RB#0	22.33	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.13	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.05	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.24	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	22.18	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.28	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	22.34	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.26	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.28	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.39	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.60	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.38	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.46	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.44	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.41	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.19	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.18	PASS

Band26	1.4MHz	QPSK	26783	1RB#5	22.48	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.24	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.31	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.39	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.35	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	20.77	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.04	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	20.82	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	21.29	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	21.39	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	21.20	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.03	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.12	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.58	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.88	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	21.29	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	21.41	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	21.22	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.44	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	20.86	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.25	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.31	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	21.22	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	21.43	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.50	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.36	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.64	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.90	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.67	PASS
Band26	3MHz	QPSK	26705	8RB#0	21.72	PASS
Band26	3MHz	QPSK	26705	8RB#4	21.70	PASS
Band26	3MHz	QPSK	26705	8RB#7	21.79	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.69	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.79	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.70	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.70	PASS
Band26	3MHz	QPSK	26740	8RB#0	21.68	PASS
Band26	3MHz	QPSK	26740	8RB#4	21.61	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.71	PASS

Band26	3MHz	QPSK	26740	15RB#0	21.50	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.68	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.69	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.62	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.70	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.74	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.68	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.70	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.71	PASS
Band26	3MHz	16QAM	26705	1RB#8	21.66	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.65	PASS
Band26	3MHz	16QAM	26705	8RB#0	20.68	PASS
Band26	3MHz	16QAM	26705	8RB#4	20.72	PASS
Band26	3MHz	16QAM	26705	8RB#7	20.72	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.71	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.99	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.22	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.90	PASS
Band26	3MHz	16QAM	26740	8RB#0	20.61	PASS
Band26	3MHz	16QAM	26740	8RB#4	20.83	PASS
Band26	3MHz	16QAM	26740	8RB#7	20.64	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.55	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.61	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.66	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.66	PASS
Band26	3MHz	16QAM	26775	8RB#0	20.81	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.01	PASS
Band26	3MHz	16QAM	26775	8RB#7	20.95	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.77	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.57	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.92	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.61	PASS
Band26	5MHz	QPSK	26715	12RB#0	21.72	PASS
Band26	5MHz	QPSK	26715	12RB#6	21.70	PASS
Band26	5MHz	QPSK	26715	12RB#13	21.66	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.67	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.60	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.81	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.58	PASS

Band26	5MHz	QPSK	26740	12RB#0	21.66	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.60	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.73	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.63	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.92	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.93	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.64	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.73	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.66	PASS
Band26	5MHz	QPSK	26765	12RB#13	21.67	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.71	PASS
Band26	5MHz	16QAM	26715	1RB#0	21.81	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.76	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.54	PASS
Band26	5MHz	16QAM	26715	12RB#0	20.75	PASS
Band26	5MHz	16QAM	26715	12RB#6	20.84	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.80	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.67	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.72	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.66	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.65	PASS
Band26	5MHz	16QAM	26740	12RB#0	20.55	PASS
Band26	5MHz	16QAM	26740	12RB#6	20.67	PASS
Band26	5MHz	16QAM	26740	12RB#13	20.70	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.72	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.48	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.48	PASS
Band26	5MHz	16QAM	26765	1RB#24	21.61	PASS
Band26	5MHz	16QAM	26765	12RB#0	20.72	PASS
Band26	5MHz	16QAM	26765	12RB#6	20.82	PASS
Band26	5MHz	16QAM	26765	12RB#13	20.70	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.91	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.79	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.89	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.61	PASS
Band26	10MHz	QPSK	26740	25RB#0	21.77	PASS
Band26	10MHz	QPSK	26740	25RB#12	21.80	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.69	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.76	PASS

Band26	10MHz	16QAM	26740	1RB#0	21.56	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.63	PASS
Band26	10MHz	16QAM	26740	1RB#49	21.42	PASS
Band26	10MHz	16QAM	26740	25RB#0	20.96	PASS
Band26	10MHz	16QAM	26740	25RB#12	20.96	PASS
Band26	10MHz	16QAM	26740	25RB#25	20.79	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.84	PASS
Band26	15MHz	QPSK	26765	1RB#0	22.62	PASS
Band26	15MHz	QPSK	26765	1RB#38	22.67	PASS
Band26	15MHz	QPSK	26765	1RB#74	22.62	PASS
Band26	15MHz	QPSK	26765	38RB#0	21.77	PASS
Band26	15MHz	QPSK	26765	38RB#18	21.72	PASS
Band26	15MHz	QPSK	26765	38RB#37	21.61	PASS
Band26	15MHz	QPSK	26765	75RB#0	21.79	PASS
Band26	15MHz	16QAM	26765	1RB#0	21.73	PASS
Band26	15MHz	16QAM	26765	1RB#38	21.75	PASS
Band26	15MHz	16QAM	26765	1RB#74	21.90	PASS
Band26	15MHz	16QAM	26765	38RB#0	21.75	PASS
Band26	15MHz	16QAM	26765	38RB#18	21.73	PASS
Band26	15MHz	16QAM	26765	38RB#37	21.58	PASS
Band26	15MHz	16QAM	26765	75RB#0	20.88	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	23.63	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.73	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.67	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	23.73	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	23.81	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	23.82	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.79	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.61	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	24.08	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.83	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.76	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	23.77	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	23.64	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.83	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.80	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.94	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.89	PASS

Band26	1.4MHz	QPSK	27033	3RB#0	24.08	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	24.08	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	24.02	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.98	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.58	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.72	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.63	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.74	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	22.83	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.33	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.63	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.74	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	23.11	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.79	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.46	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	22.61	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.40	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.86	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	23.66	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	23.06	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	23.38	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	23.06	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	22.94	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.76	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.91	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.70	PASS
Band26	3MHz	QPSK	26805	1RB#8	23.68	PASS
Band26	3MHz	QPSK	26805	1RB#14	23.71	PASS
Band26	3MHz	QPSK	26805	8RB#0	22.79	PASS
Band26	3MHz	QPSK	26805	8RB#4	22.80	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.80	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.77	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.68	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.64	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.60	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.84	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.76	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.75	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.77	PASS

Band26	3MHz	QPSK	27025	1RB#0	24.01	PASS
Band26	3MHz	QPSK	27025	1RB#8	24.11	PASS
Band26	3MHz	QPSK	27025	1RB#14	24.14	PASS
Band26	3MHz	QPSK	27025	8RB#0	23.05	PASS
Band26	3MHz	QPSK	27025	8RB#4	23.00	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.82	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.96	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.62	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.52	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.81	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.77	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.85	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.73	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.93	PASS
Band26	3MHz	16QAM	26915	1RB#0	22.57	PASS
Band26	3MHz	16QAM	26915	1RB#8	22.61	PASS
Band26	3MHz	16QAM	26915	1RB#14	22.82	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.58	PASS
Band26	3MHz	16QAM	26915	8RB#4	21.79	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.57	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.79	PASS
Band26	3MHz	16QAM	27025	1RB#0	23.00	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.94	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.97	PASS
Band26	3MHz	16QAM	27025	8RB#0	22.10	PASS
Band26	3MHz	16QAM	27025	8RB#4	22.11	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.91	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.91	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.78	PASS
Band26	5MHz	QPSK	26815	1RB#12	24.00	PASS
Band26	5MHz	QPSK	26815	1RB#24	23.61	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.68	PASS
Band26	5MHz	QPSK	26815	12RB#6	22.67	PASS
Band26	5MHz	QPSK	26815	12RB#13	22.81	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.76	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.96	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.84	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.94	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.80	PASS

Band26	5MHz	QPSK	26915	12RB#6	22.81	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.69	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.80	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.80	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.96	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.72	PASS
Band26	5MHz	QPSK	27015	12RB#0	23.06	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.93	PASS
Band26	5MHz	QPSK	27015	12RB#13	22.80	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.95	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.68	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.73	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.67	PASS
Band26	5MHz	16QAM	26815	12RB#0	21.80	PASS
Band26	5MHz	16QAM	26815	12RB#6	21.88	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.73	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.80	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.40	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.69	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.54	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.71	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.82	PASS
Band26	5MHz	16QAM	26915	12RB#13	21.79	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.91	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.79	PASS
Band26	5MHz	16QAM	27015	1RB#12	22.70	PASS
Band26	5MHz	16QAM	27015	1RB#24	22.94	PASS
Band26	5MHz	16QAM	27015	12RB#0	22.09	PASS
Band26	5MHz	16QAM	27015	12RB#6	21.83	PASS
Band26	5MHz	16QAM	27015	12RB#13	22.04	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.96	PASS
Band26	10MHz	QPSK	26840	1RB#0	23.68	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.89	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.63	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.75	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.71	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.86	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.71	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.67	PASS

Band26	10MHz	QPSK	26915	1RB#24	23.97	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.81	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.92	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.83	PASS
Band26	10MHz	QPSK	26915	25RB#25	22.78	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.83	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.77	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.89	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.85	PASS
Band26	10MHz	QPSK	26990	25RB#0	23.01	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.87	PASS
Band26	10MHz	QPSK	26990	25RB#25	22.86	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.93	PASS
Band26	10MHz	16QAM	26840	1RB#0	22.96	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.87	PASS
Band26	10MHz	16QAM	26840	1RB#49	22.78	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.64	PASS
Band26	10MHz	16QAM	26840	25RB#12	21.91	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.70	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.81	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.77	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.92	PASS
Band26	10MHz	16QAM	26915	1RB#49	22.90	PASS
Band26	10MHz	16QAM	26915	25RB#0	21.82	PASS
Band26	10MHz	16QAM	26915	25RB#12	21.82	PASS
Band26	10MHz	16QAM	26915	25RB#25	21.79	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.83	PASS
Band26	10MHz	16QAM	26990	1RB#0	22.80	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.68	PASS
Band26	10MHz	16QAM	26990	1RB#49	23.03	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.97	PASS
Band26	10MHz	16QAM	26990	25RB#12	21.90	PASS
Band26	10MHz	16QAM	26990	25RB#25	22.10	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.87	PASS
Band26	15MHz	QPSK	26865	1RB#0	23.58	PASS
Band26	15MHz	QPSK	26865	1RB#38	23.80	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.71	PASS
Band26	15MHz	QPSK	26865	38RB#0	22.61	PASS
Band26	15MHz	QPSK	26865	38RB#18	22.77	PASS

Band26	15MHz	QPSK	26865	38RB#37	22.76	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.84	PASS
Band26	15MHz	QPSK	26915	1RB#0	23.59	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.83	PASS
Band26	15MHz	QPSK	26915	1RB#74	23.66	PASS
Band26	15MHz	QPSK	26915	38RB#0	22.70	PASS
Band26	15MHz	QPSK	26915	38RB#18	23.01	PASS
Band26	15MHz	QPSK	26915	38RB#37	22.65	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.80	PASS
Band26	15MHz	QPSK	26965	1RB#0	23.73	PASS
Band26	15MHz	QPSK	26965	1RB#38	23.75	PASS
Band26	15MHz	QPSK	26965	1RB#74	23.68	PASS
Band26	15MHz	QPSK	26965	38RB#0	22.81	PASS
Band26	15MHz	QPSK	26965	38RB#18	23.04	PASS
Band26	15MHz	QPSK	26965	38RB#37	22.61	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.97	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.68	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.86	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.82	PASS
Band26	15MHz	16QAM	26865	38RB#0	22.64	PASS
Band26	15MHz	16QAM	26865	38RB#18	22.70	PASS
Band26	15MHz	16QAM	26865	38RB#37	22.77	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.83	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.72	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.74	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.76	PASS
Band26	15MHz	16QAM	26915	38RB#0	22.64	PASS
Band26	15MHz	16QAM	26915	38RB#18	23.03	PASS
Band26	15MHz	16QAM	26915	38RB#37	22.67	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.87	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.83	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.86	PASS
Band26	15MHz	16QAM	26965	1RB#74	22.96	PASS
Band26	15MHz	16QAM	26965	38RB#0	22.83	PASS
Band26	15MHz	16QAM	26965	38RB#18	22.86	PASS
Band26	15MHz	16QAM	26965	38RB#37	22.71	PASS
Band26	15MHz	16QAM	26965	75RB#0	22.03	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.17	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.26	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.23	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.31	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.33	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.37	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.36	PASS
Band41	5MHz	QPSK	40620	1RB#0	20.99	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.48	PASS
Band41	5MHz	QPSK	40620	1RB#24	20.98	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.33	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.27	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.19	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.24	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.67	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.50	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.51	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.57	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.49	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.38	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.39	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.27	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.22	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.34	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.27	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.29	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.27	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.36	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.44	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.45	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.40	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.10	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.11	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.23	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.30	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.47	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.51	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.19	PASS

Band41	5MHz	16QAM	41565	12RB#0	19.55	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.55	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.43	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.56	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.01	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.34	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.08	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.39	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.36	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.31	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.31	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.16	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.12	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.10	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.37	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.31	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.23	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.30	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.69	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.67	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.50	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.54	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.56	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.62	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.54	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.18	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.27	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.49	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.18	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.36	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.31	PASS
Band41	10MHz	16QAM	39700	50RB#0	19.31	PASS
Band41	10MHz	16QAM	40620	1RB#0	20.59	PASS
Band41	10MHz	16QAM	40620	1RB#24	20.23	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.61	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.32	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.33	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.36	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.24	PASS

Band41	10MHz	16QAM	41540	1RB#0	20.96	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.36	PASS
Band41	10MHz	16QAM	41540	1RB#49	20.46	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.47	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.48	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.53	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.52	PASS
Band41	15MHz	QPSK	39725	1RB#0	20.92	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.14	PASS
Band41	15MHz	QPSK	39725	1RB#74	20.93	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.26	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.48	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.16	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.28	PASS
Band41	15MHz	QPSK	40620	1RB#0	20.94	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.10	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.04	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.47	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.38	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.57	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.39	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.68	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.57	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.34	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.90	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.79	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.68	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.65	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.20	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.36	PASS
Band41	15MHz	16QAM	39725	1RB#74	19.90	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.25	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.48	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.34	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.27	PASS
Band41	15MHz	16QAM	40620	1RB#0	20.39	PASS
Band41	15MHz	16QAM	40620	1RB#38	20.28	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.55	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.46	PASS

Band41	15MHz	16QAM	40620	38RB#18	20.39	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.55	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.44	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.72	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.82	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.67	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.89	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.78	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.69	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.76	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.03	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.44	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.01	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.39	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.38	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.25	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.34	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.33	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.66	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.45	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.41	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.35	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.37	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.43	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.62	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.75	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.47	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.67	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.62	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.61	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.64	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.55	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.57	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.48	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.57	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.39	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.38	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.35	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.61	PASS

Band41	20MHz	16QAM	40620	1RB#49	20.97	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.84	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.45	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.46	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.50	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.43	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.26	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.38	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.26	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.78	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.71	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.71	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.71	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.80	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.89	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.81	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.84	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.92	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.98	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.04	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.81	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.92	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.87	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.82	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	24.02	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	24.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.99	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.90	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.22	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.85	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.49	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.76	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.66	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.87	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.58	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.16	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.67	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	23.01	PASS

Band66	1.4MHz	16QAM	132322	3RB#1	23.02	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	23.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.87	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.94	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.80	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.76	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.93	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.87	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.79	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.80	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.84	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.04	PASS
Band66	3MHz	QPSK	132322	1RB#14	24.01	PASS
Band66	3MHz	QPSK	132322	8RB#0	23.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.94	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.98	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.98	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.46	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.57	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.94	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.87	PASS
Band66	3MHz	16QAM	131987	8RB#7	22.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.72	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.76	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.87	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.85	PASS
Band66	3MHz	16QAM	132322	8RB#0	22.01	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.95	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.97	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.91	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.89	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.90	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.77	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.91	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.92	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.88	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.86	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.87	PASS

Band66	5MHz	QPSK	132322	1RB#12	23.88	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.79	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.83	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.84	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.92	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.90	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.83	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.83	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.74	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.86	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.86	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.86	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.84	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.87	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.82	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.91	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.87	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.87	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.95	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.94	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.79	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.17	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.76	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.88	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.91	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.90	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.89	PASS
Band66	10MHz	QPSK	132322	1RB#0	24.19	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.73	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.88	PASS
Band66	10MHz	QPSK	132322	25RB#0	23.02	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.96	PASS
Band66	10MHz	QPSK	132322	25RB#25	23.01	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.78	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.93	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.96	PASS
Band66	10MHz	16QAM	132022	25RB#0	22.02	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.92	PASS

Band66	10MHz	16QAM	132022	25RB#25	22.11	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.90	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.05	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.43	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.27	PASS
Band66	10MHz	16QAM	132322	25RB#0	22.07	PASS
Band66	10MHz	16QAM	132322	25RB#12	22.08	PASS
Band66	10MHz	16QAM	132322	25RB#25	22.03	PASS
Band66	10MHz	16QAM	132322	50RB#0	22.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.70	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.74	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.70	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.93	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.93	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.18	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.88	PASS
Band66	15MHz	QPSK	132322	1RB#0	24.02	PASS
Band66	15MHz	QPSK	132322	1RB#38	25.14	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.88	PASS
Band66	15MHz	QPSK	132322	38RB#0	23.17	PASS
Band66	15MHz	QPSK	132322	38RB#18	24.08	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.97	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.73	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.91	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.70	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.94	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.95	PASS
Band66	15MHz	16QAM	132047	38RB#18	22.89	PASS
Band66	15MHz	16QAM	132047	38RB#37	22.27	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.91	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.16	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.49	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.95	PASS
Band66	15MHz	16QAM	132322	38RB#0	23.15	PASS
Band66	15MHz	16QAM	132322	38RB#18	23.74	PASS
Band66	15MHz	16QAM	132322	38RB#37	22.97	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.03	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.85	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.06	PASS

Band66	20MHz	QPSK	132072	1RB#99	23.64	PASS
Band66	20MHz	QPSK	132072	50RB#0	23.61	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.91	PASS
Band66	20MHz	QPSK	132072	50RB#50	23.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.99	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.96	PASS
Band66	20MHz	QPSK	132322	1RB#49	24.02	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.72	PASS
Band66	20MHz	QPSK	132322	50RB#0	23.41	PASS
Band66	20MHz	QPSK	132322	50RB#25	23.06	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.97	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.01	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.15	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.77	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.92	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.93	PASS
Band66	20MHz	16QAM	132072	50RB#50	22.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.79	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.57	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.54	PASS
Band66	20MHz	16QAM	132322	50RB#0	22.14	PASS
Band66	20MHz	16QAM	132322	50RB#25	22.14	PASS
Band66	20MHz	16QAM	132322	50RB#50	22.02	PASS
Band66	20MHz	16QAM	132322	100RB#0	22.12	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.54	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.58	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	24.56	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	24.52	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	24.42	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	24.40	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.45	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.58	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.65	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.60	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	23.28	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	23.35	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	23.27	PASS

Band66	1.4MHz	16QAM	132665	6RB#0	22.50	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.54	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.65	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.51	PASS
Band66	3MHz	QPSK	132657	8RB#0	23.32	PASS
Band66	3MHz	QPSK	132657	8RB#4	23.44	PASS
Band66	3MHz	QPSK	132657	8RB#7	23.38	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.44	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.43	PASS
Band66	3MHz	16QAM	132657	1RB#8	23.51	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.34	PASS
Band66	3MHz	16QAM	132657	8RB#0	22.44	PASS
Band66	3MHz	16QAM	132657	8RB#4	22.46	PASS
Band66	3MHz	16QAM	132657	8RB#7	22.50	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.19	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.40	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.63	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.44	PASS
Band66	5MHz	QPSK	132647	12RB#0	23.29	PASS
Band66	5MHz	QPSK	132647	12RB#6	23.31	PASS
Band66	5MHz	QPSK	132647	12RB#13	23.41	PASS
Band66	5MHz	QPSK	132647	25RB#0	23.37	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.45	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.25	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.54	PASS
Band66	5MHz	16QAM	132647	12RB#0	22.13	PASS
Band66	5MHz	16QAM	132647	12RB#6	22.24	PASS
Band66	5MHz	16QAM	132647	12RB#13	22.30	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.28	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.97	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.54	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.20	PASS
Band66	10MHz	QPSK	132622	25RB#0	23.26	PASS
Band66	10MHz	QPSK	132622	25RB#12	23.27	PASS
Band66	10MHz	QPSK	132622	25RB#25	23.19	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.23	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.88	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.47	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.97	PASS

Band66	10MHz	16QAM	132622	25RB#0	22.31	PASS
Band66	10MHz	16QAM	132622	25RB#12	22.30	PASS
Band66	10MHz	16QAM	132622	25RB#25	22.44	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.17	PASS
Band66	15MHz	QPSK	132597	1RB#0	24.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	24.23	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.21	PASS
Band66	15MHz	QPSK	132597	38RB#0	23.17	PASS
Band66	15MHz	QPSK	132597	38RB#18	23.43	PASS
Band66	15MHz	QPSK	132597	38RB#37	23.15	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.27	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.18	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.33	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.41	PASS
Band66	15MHz	16QAM	132597	38RB#0	23.15	PASS
Band66	15MHz	16QAM	132597	38RB#18	23.33	PASS
Band66	15MHz	16QAM	132597	38RB#37	23.25	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.32	PASS
Band66	20MHz	QPSK	132572	1RB#0	24.08	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.57	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.21	PASS
Band66	20MHz	QPSK	132572	50RB#0	23.19	PASS
Band66	20MHz	QPSK	132572	50RB#25	23.09	PASS
Band66	20MHz	QPSK	132572	50RB#50	23.20	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.12	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.32	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.72	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.39	PASS
Band66	20MHz	16QAM	132572	50RB#0	22.03	PASS
Band66	20MHz	16QAM	132572	50RB#25	22.04	PASS
Band66	20MHz	16QAM	132572	50RB#50	22.05	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.14	PASS

7.2.System Check & Tissue simulating liquid

Frequency	Description	SAR		Dielectric Parameters (±10% for window)		Temp
		1g	10g	εr	σ(s/m)	℃
750MHz	Recommended value	2.08 1.68896-2.47104	1.37 1.11381-1.62619	42.0 37.8-46.2	0.90 0.81-0.99	/
	Measurement value 2023-08-04	1.94	1.41	41.86	0.9	22.02
900MHz	Recommended value	2.67 2.16804-3.17196	1.73 1.40649-2.05351	41.5 37.35-45.65	0.97 0.873-1.067	/
	Measurement value 2023-08-02	2.70	1.79	41.428	0.981	22.03
1750MHz	Recommended value	9.97 8.09564-11.84436	5.28 4.29264-6.26736	40.0 36-44	1.40 1.26-1.54	/
	Measurement value 2023-08-03	8.81	4.72	40.24	1.359	22.01
2000MHz	Recommended value	10.2 8.2824-12.1176	5.16 4.19508-6.12492	40.0 36-44	1.40 1.26-1.54	/
	Measurement value 2023-08-01	10.8	5.49	39.6	1.46	22.03
2450MHz	Recommended value	13.5 10.962-16.038	6.29 5.11377-7.46623	39.2 35.28-43.12	1.80 1.62-1.98	/
	Measurement value 2023-08-09	12.29	5.63	39.440	1.818	22.05
2600MHz	Recommended value	14.1 11.6928-17.1072	6.34 5.15442-7.52558	39.0 35.1-42.9	1.96 1.764-2.156	/
	Measurement value 2023-08-08	14.41	6.49	38	2.06	22.03
5250MHz	Recommended value	7.88 5.95728-9.80272	2.23 1.69034-2.76966	35.9 32.31-39.49	4.71 4.239-5.181	/
	Measurement value 2023-08-06	8.14	2.38	35.49	4.52	22.03
5750MHz	Recommended value	7.75 5.859-9.641	2.17 1.64486-2.69514	35.4 31.86-38.94	5.22 4.698-5.742	/
	Measurement value 2023-08-07	7.4	2.17	35.211	5.29	22.02

Test Laboratory: Audix SAR Lab Date: 04/08/2023

CW 750

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1d088

Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 750 MHz; $\sigma = 0.9$ S/m; $\varepsilon_r = 41.86$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.99, 9.99, 9.99); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 750MHz/Area Scan (61x91x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 2.72 W/kg

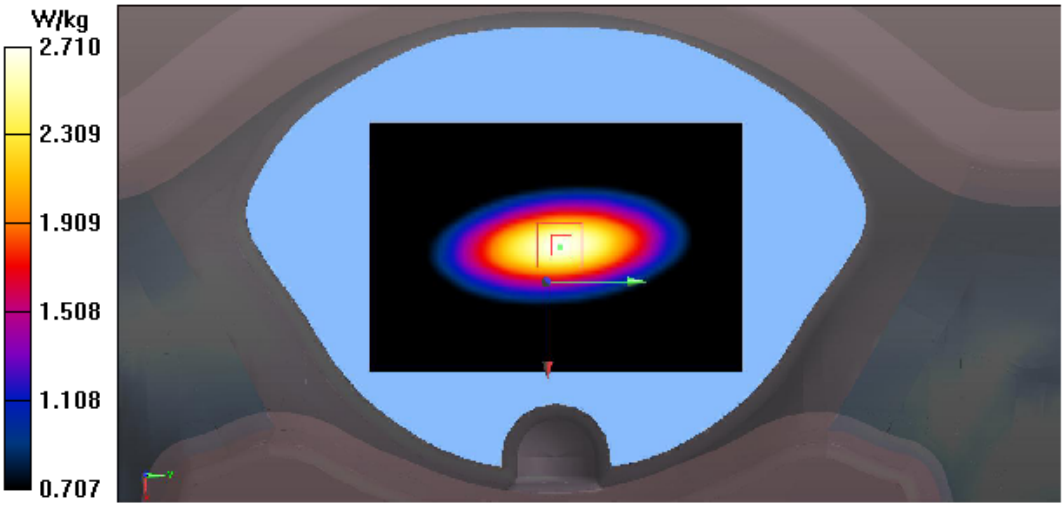
Configuration/CW 750MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.07 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



Test Laboratory: Audix SAR Lab Date: 02/08/2023

CW 900

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:1d088

Communication System: UID 0, CW (0); Communication System Band: D900 (900.0 MHz); Frequency: 900 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 900 MHz; σ = 0.981 S/m; ε_r = 41.428; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.25, 6.25, 6.25); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 900MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 3.752W/kg

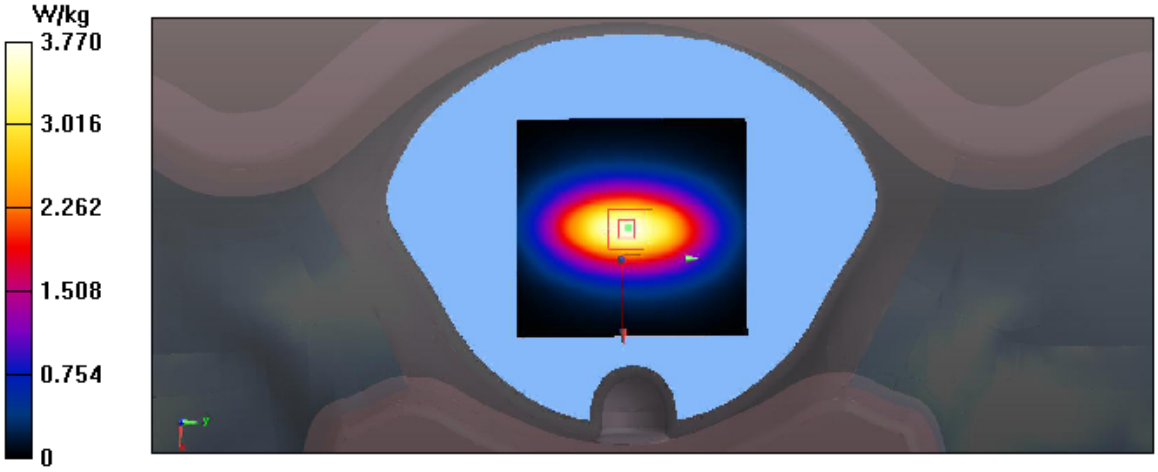
Configuration/CW 900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 66.66 V/m; Power Drift = -0.02dB

Peak SAR (extrapolated) = 4.41W/kg

SAR(1 g) = 2.70 W/kg; SAR(10 g) = 1.79 W/kg

Maximum value of SAR (measured) = 3.769 W/kg



Test Laboratory: Audix SAR Lab Date: 03/08/2023

CW 1750

DUT: Dipole 1750 MHz D1750V2; Type: D1750V2; Serial: D1750V2 - SN:2d186

Communication System: UID 0, CW (0); Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 1750 MHz; σ = 1.359 S/m; ε_r = 40.24; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 1800MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 9.971W/kg

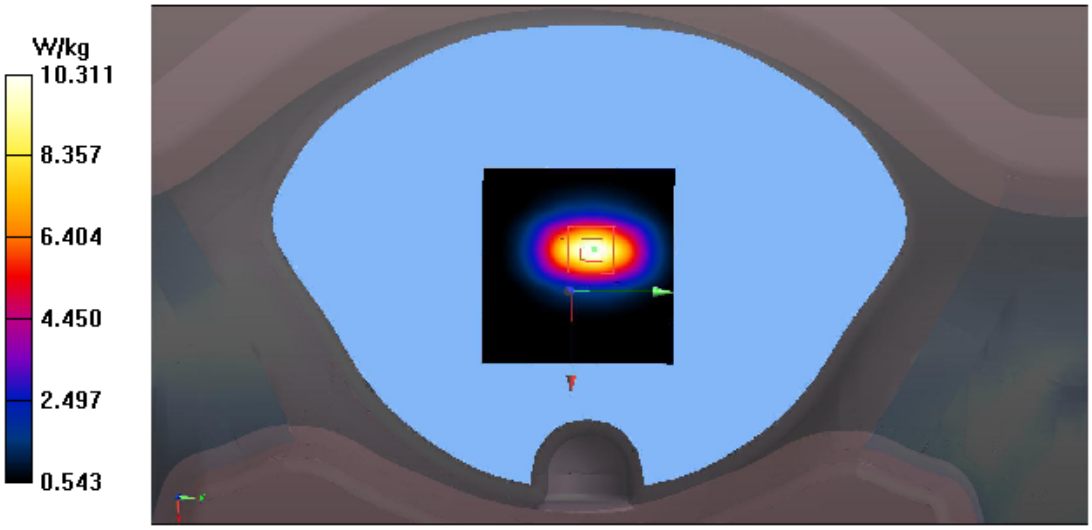
Configuration/CW 1800MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.31 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.41 W/kg

SAR(1 g) = 8.81 W/kg; SAR(10 g) = 4.72W/kg

Maximum value of SAR (measured) = 10.311W/kg



Test Laboratory: Audix SAR Lab Date: 01/08/2023

CW 2000

DUT: Dipole 2000 MHz D2000V2; Type: D2000V2; Serial: D2000V2 - SN:1055

Communication System: UID 0, CW (0); Communication System Band: D2000 (2000.0 MHz); Frequency: 2000 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 2000 MHz; σ = 1.46 S/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.1, 8.1, 8.1); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2000MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 13.7 W/kg

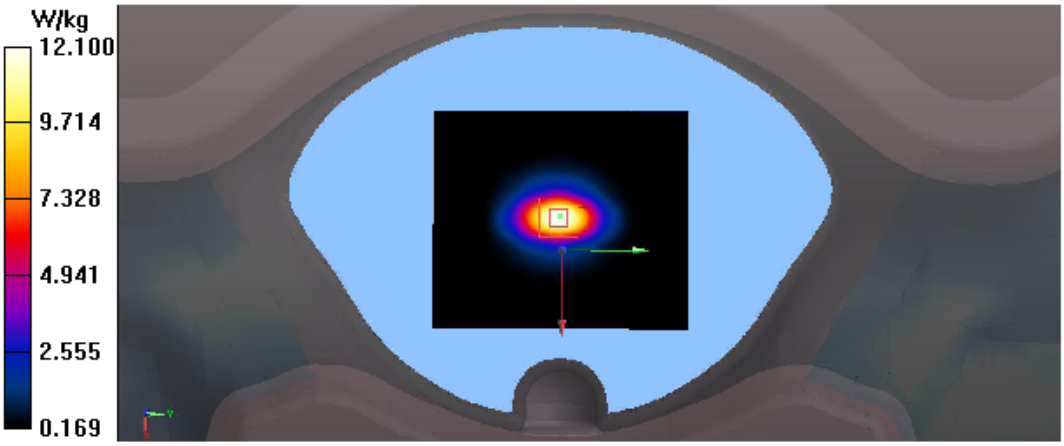
Configuration/CW 2000MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.20 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 20.4 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.49 W/kg

Maximum value of SAR (measured) = 12.1 W/kg



Test Laboratory: Audix SAR Lab Date: 09/08/2023

CW 2450

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:862

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 2450 MHz; σ = 1.818 S/m; ε_r = 39.440; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2450MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 13.845 W/kg

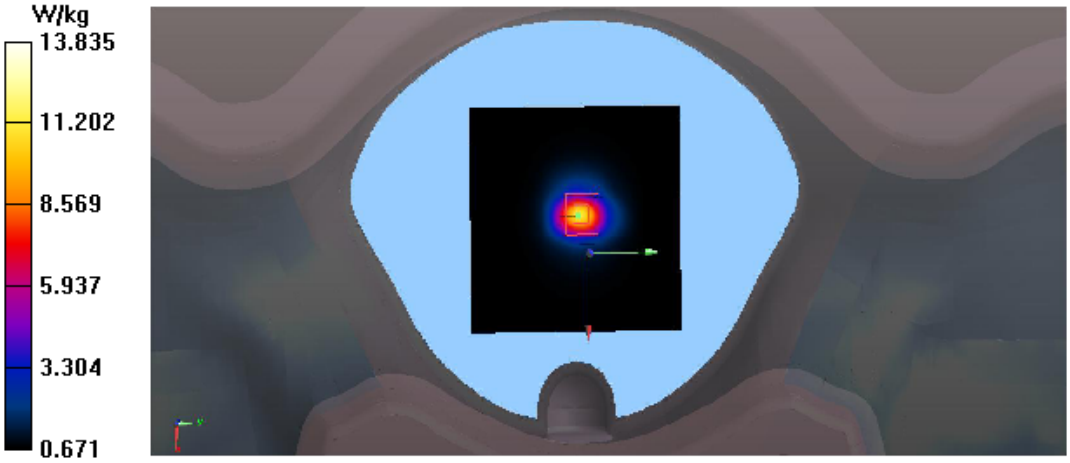
Configuration/CW 2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.31 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.22 W/kg

SAR(1 g) = 12.29 W/kg; SAR(10 g) = 5.63 W/kg

Maximum value of SAR (measured) = 13.835 W/kg



Test Laboratory: Audix SAR Lab Date: 08/08/2023

CW 2600

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1123

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2600 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 2600 MHz; σ = 2.06 S/m; ε_r = 38; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.45, 7.45, 7.45); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2600MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 16.52W/kg

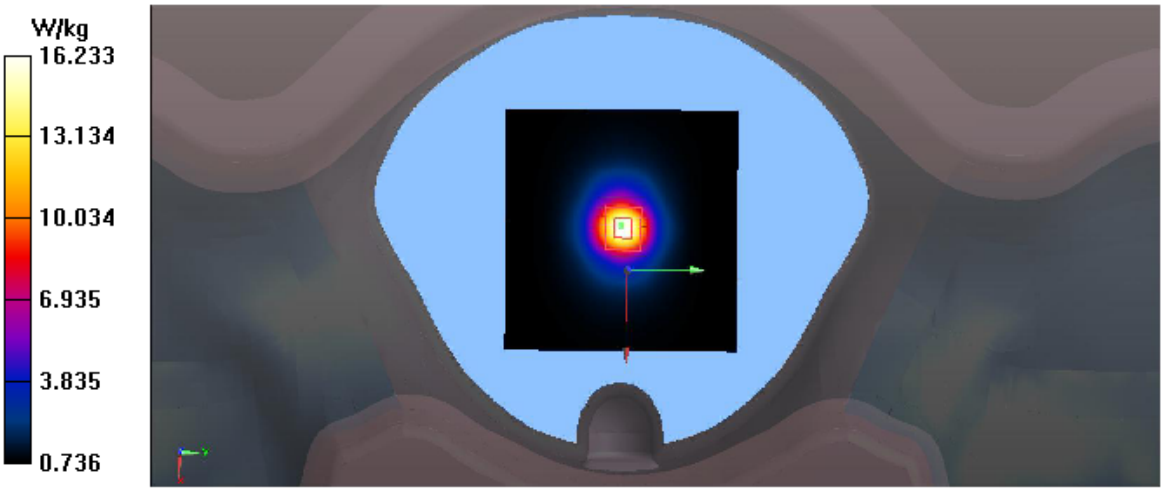
Configuration/CW 2600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.66V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.15 W/kg

SAR(1 g) = 14.41 W/kg; SAR(10 g) = 6.49 W/kg

Maximum value of SAR (measured) = 16.233 W/kg



Test Laboratory: Audix SAR Lab Date: 06/08/2023

CW 5250

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1102

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5250 MHz; σ = 4.52 S/m; ε_r = 35.49; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 5250MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 5.58 W/kg

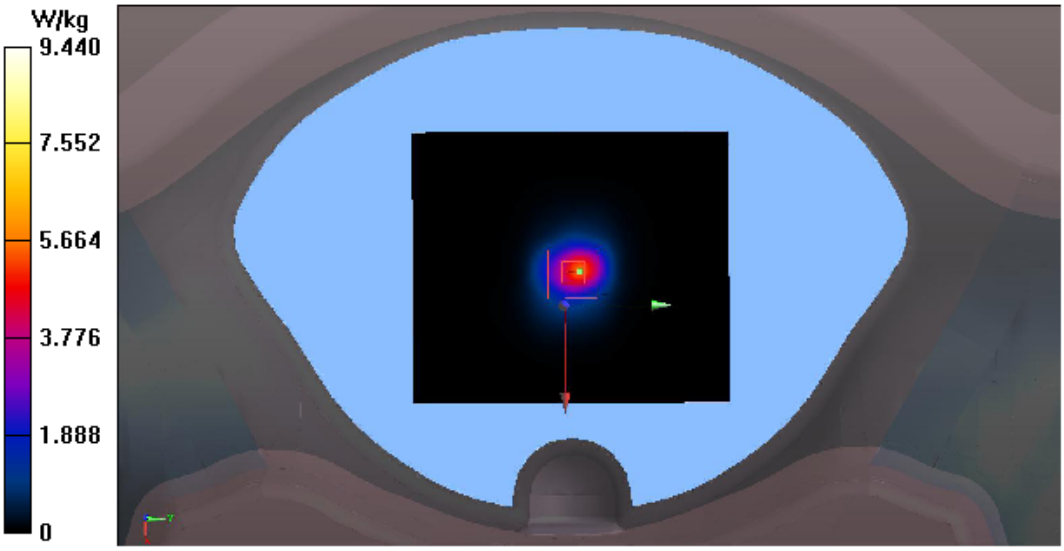
Configuration/CW 5250MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.05 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 28.7 W/kg

SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 9.44 W/kg



Test Laboratory: Audix SAR Lab Date: 07/08/2023

CW 5750

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1102

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5750 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5750 MHz; σ = 5.29 S/m; ε_r = 35.211; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.92, 4.92, 4.92); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 5750MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 5.24 W/kg

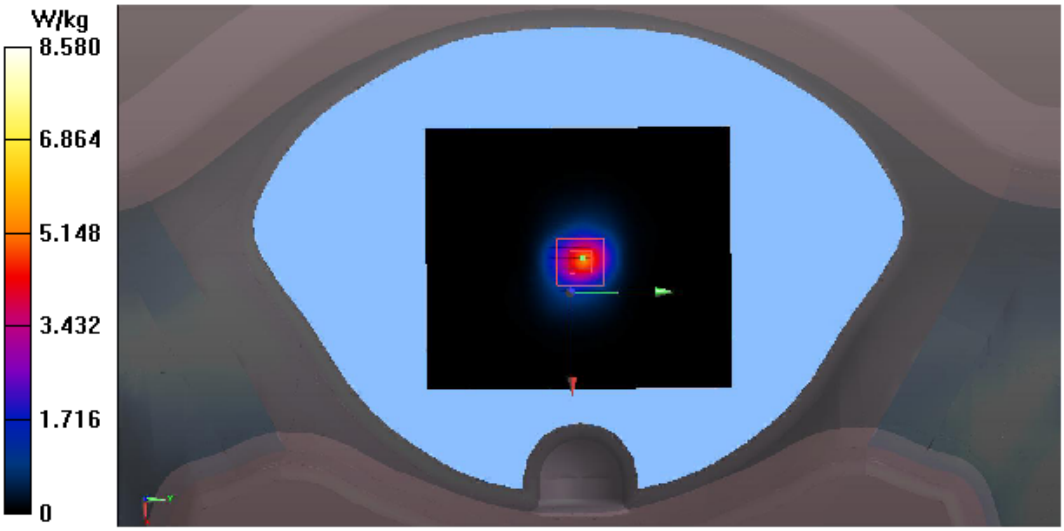
Configuration/CW 5750MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 40.21 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 27.0 W/kg

SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2.17 W/kg

Maximum value of SAR (measured) = 8.58 W/kg



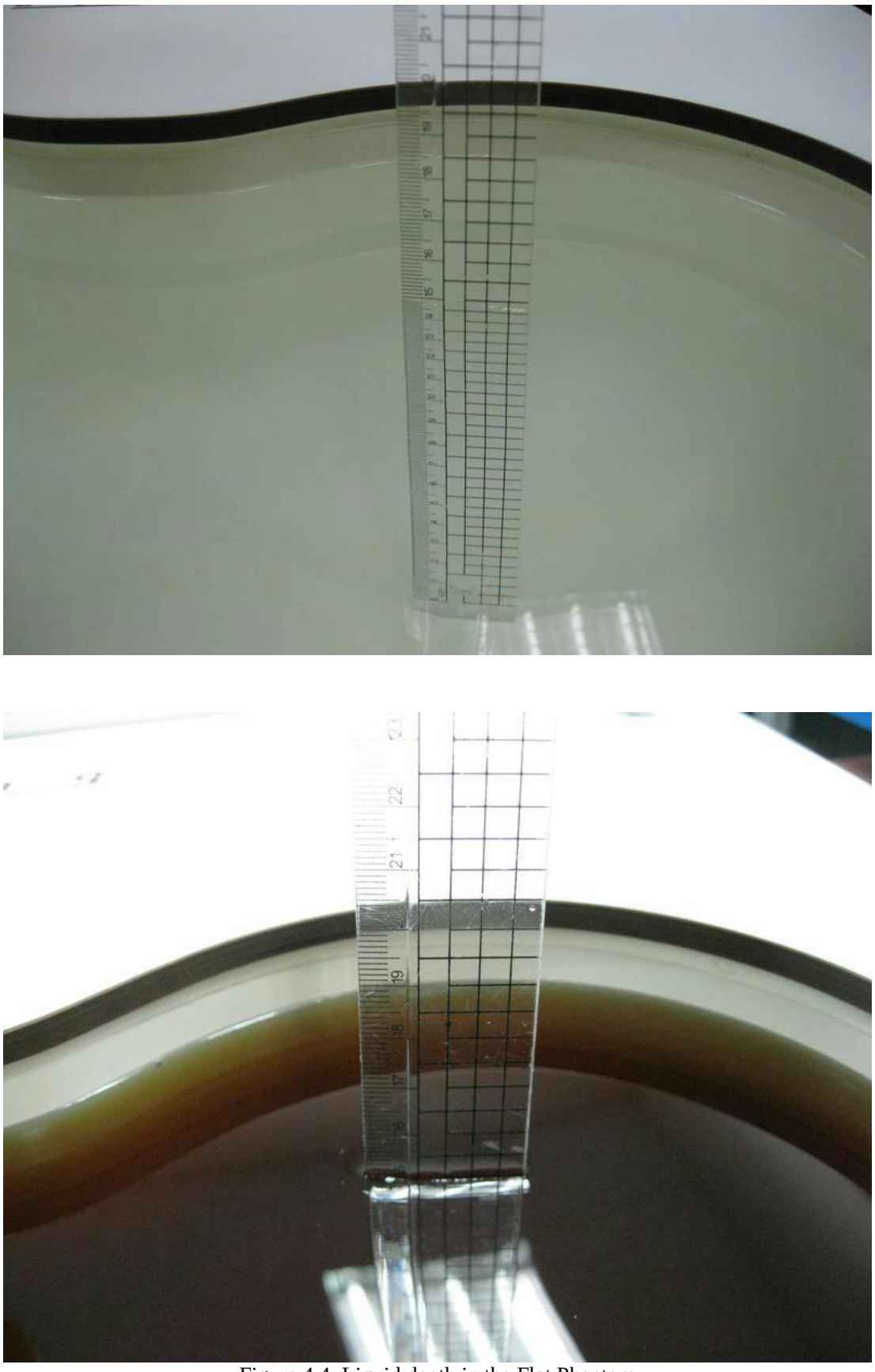


Figure 4.4: Liquid depth in the Flat Phantom

7.3.Test Results

Test Mode: WIFI 2.4GHz

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Left	6	0.9694	0.373	0.304	16.881	18	1.293898	0.498	0.406	0.11
Back	1	0.9694	0.448	0.294	17.552	18	1.108664	0.512	0.336	-0.07
Front	1	0.9694	0.359	0.142	17.552	18	1.108664	0.411	0.162	0.15
Top	1	0.9694	0.127	0.049	17.552	18	1.108664	0.145	0.056	-0.17
Bottom	1	0.9694	/	/	17.552	18	1.108664	0.000	0.000	/
Left	1	0.9694	0.303	0.167	17.552	18	1.108664	0.347	0.191	-0.1
Right	1	0.9694	0.00544	0.00247	17.552	18	1.108664	0.006	0.003	-0.01
Left	11	0.9694	0.403	0.312	17.157	18	1.214227	0.505	0.391	0.11

Test Mode: WIFI 5GHz-Band 1

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	36	0.8742	0.404	0.311	17.928	18.5	1.141	0.527	0.406	-0.13
Back	40	0.8743	0.394	0.307	18.188	18.5	1.074	0.484	0.377	0.1
Front	40	0.8743	0.365	0.176	18.188	18.5	1.074	0.449	0.216	0.02
Top	40	0.8743	0.261	0.1	18.188	18.5	1.074	0.321	0.123	0.18
Bottom	40	0.8743	/	/	18.188	18.5	1.074	0.000	0.000	/
Left	40	0.8743	0.167	0.062	18.188	18.5	1.074	0.205	0.076	0.07
Right	40	0.8743	0.026	0.011	18.188	18.5	1.074	0.032	0.014	-0.19
Back	48	0.8742	0.388	0.318	17.32	18.5	1.312	0.582	0.477	0.13

Test Mode: WIFI 5GHz- Band 3

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	149	0.8542	0.37	0.276	17.185	18	1.206	0.523	0.390	0.12
Back	165	0.8542	0.419	0.285	17.46	18	1.132	0.555	0.378	-0.16
Front	165	0.8542	0.324	0.165	17.46	18	1.132	0.430	0.219	0.14
Top	165	0.8542	0.275	0.143	17.46	18	1.132	0.365	0.190	0.14
Bottom	165	0.8542	/	/	17.46	18	1.132	0.000	0.000	/
Left	165	0.8542	0.231	0.087	17.46	18	1.132	0.306	0.115	0.19
Right	165	0.8542	0.039	0.016	17.46	18	1.132	0.052	0.021	-0.12
Back	157	0.8542	0.346	0.221	16.825	18	1.311	0.531	0.339	0.13

Test Mode: UMTS Band 2

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g (W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	9400	1	0.804	0.474	20.58	21	1.101539	0.886	0.522	0.09
Back	9262	1	0.795	0.453	20.79	21	1.049542	0.834	0.475	-0.14
Front	9262	1	0.378	0.187	20.79	21	1.049542	0.397	0.196	0.03
Top	9262	1	/	/	20.79	21	1.049542	0.000	0.000	/
Bottom	9262	1	0.688	0.326	20.79	21	1.049542	0.722	0.342	-0.1
Left	9262	1	0.064	0.035	20.79	21	1.049542	0.067	0.037	-0.18
Right	9262	1	0.06	0.032	20.79	21	1.049542	0.063	0.034	0.08
Back	9538	1	0.808	0.489	20.68	21	1.076465	0.870	0.526	0.03

Test Mode: UMTS Band 4

Test Position	Test CH	Duty Cycle	Measure SAR 1g (W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	1312	1	0.735	0.356	20.01	21	1.25603	0.923	0.447	0.04
Back	1513	1	0.762	0.37	20.14	21	1.21899	0.929	0.451	0.07
Front	1513	1	0.321	0.165	20.14	21	1.21899	0.391	0.201	-0.11
Top	1513	1	/	/	20.14	21	1.21899	0.000	0.000	/
Bottom	1513	1	0.755	0.367	20.14	21	1.21899	0.920	0.447	-0.01
Left	1513	1	0.065	0.036	20.14	21	1.21899	0.079	0.044	-0.08
Right	1513	1	0.047	0.027	20.14	21	1.21899	0.057	0.033	0.05
Back	1413	1	0.746	0.363	19.74	21	1.336596	0.997	0.485	-0.02

Test Mode: UMTS Band 5

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	4132	1	0.303	0.186	21.21	22	1.199499	0.363	0.223	0.02
Back	4233	1	0.41	0.199	21.37	22	1.156112	0.474	0.230	-0.19
Front	4233	1	0.276	0.164	21.37	22	1.156112	0.319	0.190	0.15
Top	4233	1	/	/	21.37	22	1.156112	0.000	0.000	/
Bottom	4233	1	0.204	0.107	21.37	22	1.156112	0.236	0.124	-0.15
Left	4233	1	0.171	0.115	21.37	22	1.156112	0.198	0.133	0
Right	4233	1	0.298	0.205	21.37	22	1.156112	0.345	0.237	0.05
Back	4182	1	0.305	0.187	21.37	22	1.156112	0.353	0.216	0.01

Test Mode: GSM850

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	190	1	0.071	0.043	30.24	31	1.191242	0.085	0.051	0.11
Back	128	1	0.069	0.042	30.37	31	1.156112	0.080	0.049	0
Front	128	1	0.057	0.035	30.37	31	1.156112	0.066	0.040	0.04
Top	128	1	/	/	30.37	31	1.156112	0.000	0.000	/
Bottom	128	1	0.00738	0.0037	30.37	31	1.156112	0.009	0.004	0.18
Left	128	1	0.05	0.033	30.37	31	1.156112	0.058	0.038	-0.17
Right	128	1	0.011	0.00698	30.37	31	1.156112	0.013	0.008	0.12
Back	251	1	0.072	0.044	30.33	31	1.16681	0.084	0.051	0.06

Test Mode: GSM1900

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	661	1	0.37	0.172	28.42	29	1.142878	0.423	0.197	0.05
Back	512	1	0.358	0.167	28.49	29	1.124605	0.403	0.188	0
Front	512	1	0.13	0.065	28.49	29	1.124605	0.146	0.073	-0.15
Top	512	1	/	/	28.49	29	1.124605	0.000	0.000	/
Bottom	512	1	0.295	0.14	28.49	29	1.124605	0.332	0.157	-0.18
Left	512	1	0.051	0.027	28.49	29	1.124605	0.057	0.030	-0.14
Right	512	1	0.034	0.018	28.49	29	1.124605	0.038	0.020	0.19
Back	810	1	0.38	0.176	28.12	29	1.224616	0.465	0.216	0.02

Test Mode: E-UTRA Band 2

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	18700	1	0.821	0.631	24.28	25	1.180321	0.969	0.745	0.12
Back	19100	1	0.875	0.705	24.61	25	1.093956	0.957	0.771	0.04
Front	19100	1	0.5	0.266	24.61	25	1.093956	0.547	0.291	0.14
Top	19100	1	/	/	24.61	25	1.093956	0.000	0.000	/
Bottom	19100	1	0.657	0.493	24.61	25	1.093956	0.719	0.539	0.14
Left	19100	1	0.142	0.081	24.61	25	1.093956	0.155	0.089	-0.2
Right	19100	1	0.091	0.053	24.61	25	1.093956	0.100	0.058	0.15
Back	18900	1	0.871	0.641	24.54	25	1.111732	0.968	0.713	0.07

Test Mode: E-UTRA Band 4

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	20175	1	0.712	0.482	25.15	26	1.216186	0.866	0.586	0.04
Back	20050	1	0.789	0.522	25.65	26	1.083927	0.855	0.566	0.1
Front	20050	1	0.38	0.211	25.65	26	1.083927	0.412	0.229	-0.02
Top	20050	1	/	/	25.65	26	1.083927	0.000	0.000	/
Bottom	20050	1	0.699	0.43	25.65	26	1.083927	0.758	0.466	0.05
Left	20050	1	0.084	0.051	25.65	26	1.083927	0.091	0.055	-0.04
Right	20050	1	0.063	0.038	25.65	26	1.083927	0.068	0.041	-0.17
Back	20300	1	0.702	0.537	25.57	26	1.104079	0.775	0.593	-0.04

Test Mode: E-UTRA Band 5

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	20525	1	0.319	0.205	24.34	25	1.164126	0.371	0.239	0.02
Back	20450	1	0.318	0.204	24.61	25	1.093956	0.348	0.223	0
Front	20450	1	0.256	0.168	24.61	25	1.093956	0.280	0.184	0.16
Top	20450	1	/	/	24.61	25	1.093956	0.000	0.000	/
Bottom	20450	1	0.173	0.099	24.61	25	1.093956	0.189	0.108	-0.18
Left	20450	1	0.136	0.104	24.61	25	1.093956	0.149	0.114	-0.12
Right	20450	1	0.253	0.19	24.61	25	1.093956	0.277	0.208	-0.07
Back	20600	1	0.319	0.206	24.34	25	1.164126	0.371	0.240	0.03

Test Mode: E-UTRA Band 7

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power (dBm)	Tune up Power (dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Bottom	20850	1	0.622	0.476	24.25	25	1.188502	0.739	0.566	-0.05
Back	21100	1	0.609	0.496	24.71	25	1.069055	0.651	0.530	-0.16
Front	21100	1	0.477	0.223	24.71	25	1.069055	0.510	0.238	0.15
Top	21100	1	/	/	24.71	25	1.069055	0.000	0.000	/
Bottom	21100	1	0.626	0.479	24.71	25	1.069055	0.669	0.512	-0.1
Left	21100	1	0.293	0.153	24.71	25	1.069055	0.313	0.164	-0.14
Right	21100	1	0.125	0.065	24.71	25	1.069055	0.134	0.069	0.1
Bottom	21350	1	0.594	0.463	24.58	25	1.101539	0.654	0.510	-0.11

Test Mode: E-UTRA Band 12

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	23035	1	0.147	0.132	24.4	25	1.148154	0.169	0.152	0
Back	23155	1	0.149	0.133	24.48	25	1.127197	0.168	0.150	0.04
Front	23155	1	0.08	0.073	24.48	25	1.127197	0.090	0.082	0.04
Top	23155	1	/	/	24.48	25	1.127197	0.000	0.000	/
Bottom	23155	1	0.095	0.062	24.48	25	1.127197	0.107	0.070	0.17
Left	23155	1	0.065	0.052	24.48	25	1.127197	0.073	0.059	-0.11
Right	23155	1	0.135	0.109	24.48	25	1.127197	0.152	0.123	0.03
Back	23095	1	0.148	0.133	24.13	25	1.2218	0.181	0.162	0.02

Test Mode: E-UTRA Band 13

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	23205	1	0.167	0.113	24.37	25	1.156112	0.193	0.131	0
Back	23255	1	0.169	0.113	24.41	25	1.145513	0.194	0.129	0.07
Front	23255	1	0.128	0.115	24.41	25	1.145513	0.147	0.132	0
Top	23255	1	/	/	24.41	25	1.145513	0.000	0.000	/
Bottom	23255	1	0.116	0.07	24.41	25	1.145513	0.133	0.080	-0.17
Left	23255	1	0.126	0.097	24.41	25	1.145513	0.144	0.111	-0.16
Right	23255	1	0.146	0.13	24.41	25	1.145513	0.167	0.149	-0.1
Back	23230	1	0.168	0.113	24.16	25	1.213389	0.204	0.137	-0.02

Test Mode: E-UTRA Band 25

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	26065	1	0.741	0.406	24.14	25	1.21899	0.903	0.495	0
Back	26665	1	0.818	0.422	24.76	25	1.056818	0.864	0.446	0.11
Front	26665	1	0.298	0.166	24.76	25	1.056818	0.315	0.175	0.13
Top	26665	1	/	/	24.76	25	1.056818	0.000	0.000	/
Bottom	26665	1	0.745	0.387	24.76	25	1.056818	0.787	0.409	-0.11
Left	26665	1	0.102	0.06	24.76	25	1.056818	0.108	0.063	-0.04
Right	26665	1	0.076	0.045	24.76	25	1.056818	0.080	0.048	-0.14
Back	26365	1	0.734	0.397	24.07	25	1.238797	0.909	0.492	0.13

Test Mode: E-UTRA Band 26

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	26805	1	0.195	0.128	23.71	25	1.34586	0.262	0.172	0.01
Back	27025	1	0.199	0.131	24.14	25	1.21899	0.243	0.160	-0.07
Front	27025	1	0.133	0.105	24.14	25	1.21899	0.162	0.128	0.06
Top	27025	1	/	/	24.14	25	1.21899	0.000	0.000	/
Bottom	27025	1	0.142	0.083	24.14	25	1.21899	0.173	0.101	-0.2
Left	27025	1	0.071	0.054	24.14	25	1.21899	0.087	0.066	-0.07
Right	27025	1	0.18	0.137	24.14	25	1.21899	0.219	0.167	-0.07
Back	26915	1	0.197	0.129	23.6	25	1.380384	0.272	0.178	-0.07

Test Mode: E-UTRA Band 41

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Back	39750	1	0.385	0.18	21.44	22	1.137627	0.438	0.205	0.04
Back	41490	1	0.376	0.176	21.75	22	1.059254	0.398	0.186	0.08
Front	41490	1	0.097	0.047	21.75	22	1.059254	0.103	0.050	0.11
Top	41490	1	/	/	21.75	22	1.059254	0.000	0.000	/
Bottom	41490	1	0.233	0.107	21.75	22	1.059254	0.247	0.113	0.16
Left	41490	1	0.117	0.06	21.75	22	1.059254	0.124	0.064	0
Right	41490	1	0.036	0.018	21.75	22	1.059254	0.038	0.019	-0.19
Back	40620	1	0.397	0.186	21.66	22	1.081434	0.429	0.201	0.08

Test Mode: E-UTRA Band 66

Test Position	Test CH	Duty Cycle	Measure SAR 1g(W/kg)	Measure SAR 10g(W/kg)	Conducted Power(dBm)	Tune up Power(dBm)	Factor	Scaled Final SAR 1g	Scaled Final SAR 10g	power drift
Bottom	132047	1	0.433	0.312	23.74	26	1.683	0.729	0.525	0.12
Back	132322	1	0.517	0.443	25.14	26	1.219	0.630	0.540	0.03
Front	132322	1	0.362	0.204	25.14	26	1.219	0.441	0.249	0.04
Top	132322	1	/	/	25.14	26	1.219	0.000	0.000	/
Bottom	132322	1	0.65	0.45	25.14	26	1.219	0.792	0.549	0.16
Left	132322	1	0.079	0.048	25.14	26	1.219	0.096	0.059	-0.03
Right	132322	1	0.058	0.036	25.14	26	1.219	0.071	0.044	0.15

Total SAR:

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	UMTS Band 2		
Back	0.512	0.886	1.398	2W/kg
Front	0.411	0.397	0.808	
Top	0.145	--	0.145	
Bottom	---	0.722	0.722	
Left	0.347	0.067	0.414	
Right	0.006	0.063	0.069	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	UMTS Band 4		
Back	0.512	0.997	1.509	2W/kg
Front	0.411	0.391	0.802	
Top	0.145	--	0.145	
Bottom	---	0.920	0.92	
Left	0.347	0.079	0.426	
Right	0.006	0.057	0.063	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	UMTS Band 5		
Back	0.512	0.474	0.986	2W/kg
Front	0.411	0.319	0.73	
Top	0.145	---	0.145	
Bottom	---	0.236	0.236	
Left	0.347	0.198	0.545	
Right	0.006	0.345	0.351	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 2		
Back	0.512	0.969	1.481	2W/kg
Front	0.411	0.547	0.958	
Top	0.145	---	0.145	
Bottom	---	0.719	0.719	
Left	0.347	0.155	0.502	
Right	0.006	0.100	0.106	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 4		
Back	0.512	0.866	1.378	2W/kg
Front	0.411	0.412	0.823	
Top	0.145	---	0.145	
Bottom	---	0.758	0.758	
Left	0.347	0.091	0.438	
Right	0.006	0.068	0.074	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 5		
Back	0.512	0.371	0.883	2W/kg
Front	0.411	0.280	0.691	
Top	0.145	---	0.145	
Bottom	---	0.189	0.189	
Left	0.347	0.149	0.496	
Right	0.006	0.277	0.283	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 7		
Back	0.512	0.651	1.163	2W/kg
Front	0.411	0.510	0.921	
Top	0.145	---	0.145	
Bottom	---	0.739	0.739	
Left	0.347	0.313	0.66	
Right	0.006	0.134	0.14	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 12		
Back	0.512	0.181	0.693	2W/kg
Front	0.411	0.090	0.501	
Top	0.145	---	0.145	
Bottom	---	0.107	0.107	
Left	0.347	0.073	0.42	
Right	0.006	0.152	0.158	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 13		
Back	0.512	0.204	0.716	2W/kg
Front	0.411	0.147	0.558	
Top	0.145	---	0.145	
Bottom	---	0.133	0.133	
Left	0.347	0.144	0.491	
Right	0.006	0.167	0.173	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 25		
Back	0.512	0.909	1.421	2W/kg
Front	0.411	0.315	0.726	
Top	0.145	---	0.145	
Bottom	---	0.787	0.787	
Left	0.347	0.108	0.455	
Right	0.006	0.080	0.086	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 26		
Back	0.512	0.272	0.784	2W/kg
Front	0.411	0.162	0.573	
Top	0.145	---	0.145	
Bottom	---	0.173	0.173	
Left	0.347	0.087	0.434	
Right	0.006	0.219	0.225	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 41		
Back	0.512	0.438	0.95	2W/kg
Front	0.411	0.103	0.514	
Top	0.145	---	0.145	
Bottom	---	0.247	0.247	
Left	0.347	0.124	0.471	
Right	0.006	0.038	0.044	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	E-UTRA Band 66		
Back	0.512	0.630	1.142	2W/kg
Front	0.411	0.441	0.852	
Top	0.145	---	0.145	
Bottom	---	0.792	0.792	
Left	0.347	0.096	0.443	
Right	0.006	0.071	0.077	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	UMTS Band 2		
Back	0.582	0.886	1.468	2W/kg
Front	0.449	0.397	0.846	
Top	0.365	--	0.365	
Bottom	---	0.722	0.722	
Left	0.306	0.067	0.373	
Right	0.052	0.063	0.115	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	UMTS Band 4		
Back	0.582	0.997	1.579	2W/kg
Front	0.449	0.391	0.84	
Top	0.365	---	0.365	
Bottom	---	0.920	0.92	
Left	0.306	0.079	0.385	
Right	0.052	0.057	0.109	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	UMTS Band 5		
Back	0.582	0.474	1.056	2W/kg
Front	0.449	0.319	0.768	
Top	0.365	---	0.365	
Bottom	---	0.236	0.236	
Left	0.306	0.198	0.504	
Right	0.052	0.345	0.397	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 2		
Back	0.582	0.969	1.551	2W/kg
Front	0.449	0.547	0.996	
Top	0.365	---	0.365	
Bottom	---	0.719	0.719	
Left	0.306	0.155	0.461	
Right	0.052	0.100	0.152	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 4		
Back	0.582	0.866	1.448	2W/kg
Front	0.449	0.412	0.861	
Top	0.365	---	0.365	
Bottom	---	0.758	0.758	
Left	0.306	0.091	0.397	
Right	0.052	0.068	0.12	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 5		
Back	0.582	0.371	0.953	2W/kg
Front	0.449	0.280	0.729	
Top	0.365	---	0.365	
Bottom	---	0.189	0.189	
Left	0.306	0.149	0.455	
Right	0.052	0.277	0.329	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 7		
Back	0.582	0.651	1.233	2W/kg
Front	0.449	0.510	0.959	
Top	0.365	---	0.365	
Bottom	---	0.739	0.739	
Left	0.306	0.313	0.619	
Right	0.052	0.134	0.186	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 12		
Back	0.582	0.181	0.763	2W/kg
Front	0.449	0.090	0.539	
Top	0.365		0.365	
Bottom		0.107	0.107	
Left	0.306	0.073	0.379	
Right	0.052	0.152	0.204	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 13		
Back	0.582	0.204	0.786	2W/kg
Front	0.449	0.147	0.596	
Top	0.365	---	0.365	
Bottom	---	0.133	0.133	
Left	0.306	0.144	0.45	
Right	0.052	0.167	0.219	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 25		
Back	0.582	0.909	1.491	2W/kg
Front	0.449	0.315	0.764	
Top	0.365	---	0.365	
Bottom	---	0.787	0.787	
Left	0.306	0.108	0.414	
Right	0.052	0.080	0.132	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 26		
Back	0.582	0.272	0.854	2W/kg
Front	0.449	0.162	0.611	
Top	0.365	---	0.365	
Bottom	---	0.173	0.173	
Left	0.306	0.087	0.393	
Right	0.052	0.219	0.271	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 41		
Back	0.582	0.438	1.02	2W/kg
Front	0.449	0.103	0.552	
Top	0.365		0.365	
Bottom		0.247	0.247	
Left	0.306	0.124	0.43	
Right	0.052	0.038	0.09	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	E-UTRA Band 66		
Back	0.582	0.630	1.212	2W/kg
Front	0.449	0.441	0.89	
Top	0.365	---	0.365	
Bottom	---	0.792	0.792	
Left	0.306	0.096	0.402	
Right	0.052	0.071	0.123	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	GSM 850		
Back	0.512	0.085	0.597	2W/kg
Front	0.411	0.066	0.477	
Top	0.145	---	0.145	
Bottom	---	0.009	0.009	
Left	0.347	0.058	0.405	
Right	0.006	0.013	0.019	

Test Mode			Total SAR 1g	Limit
Position	WLAN 2.4G	GSM 1900		
Back	0.512	0.465	0.977	2W/kg
Front	0.411	0.146	0.557	
Top	0.145	---	0.145	
Bottom	---	0.332	0.332	
Left	0.347	0.057	0.404	
Right	0.006	0.038	0.044	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	GSM 850		
Back	0.582	0.085	0.667	2W/kg
Front	0.449	0.066	0.515	
Top	0.365	---	0.365	
Bottom	---	0.009	0.009	
Left	0.306	0.058	0.364	
Right	0.052	0.013	0.065	

Test Mode			Total SAR 1g	Limit
Position	WLAN 5G	GSM 1900		
Back	0.582	0.465	1.047	2W/kg
Front	0.449	0.146	0.595	
Top	0.365	---	0.365	
Bottom	---	0.332	0.332	
Left	0.306	0.057	0.363	
Right	0.052	0.038	0.09	