

SAR TEST REPORT

for

Urocomm International Limited

Macaroon LTE Mobile Router

Model No.: SE2

FCC ID: 2A7R8-SE2

The MAX Report SAR(1g)	
Body SAR	1.377W/Kg

Test distance: 0mm

Prepared for : Urocomm International Limited
SUITE 1601,16TH FLOOR CHINACHEM HOLLYWOOD
CENTRE 1-13 HOLLYWOOD ROAD CENTRAL HK

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SAR TEST REPORT

Applicant : Urocomm International Limited
Manufacturer : Urocomm International Limited
Product : Macaroon LTE Mobile Router
Model No. : SE2
FCC ID : 2A7R8-SE2
Test Voltage : DC 5V

Measurement Standard Used:

- FCC 47 CFR Part 2 (2.1093)
- IEEE C95.1-1999
- EN IEC-IEEE 62209-1528: 2021
- FCC OET Bulletin 65 Supplement C (Edition 01-01)
- FCC KDB 447498 D04 v01
- FCC KDB 865664 D01/D02
- FCC KDB 248227 D01 v02r02

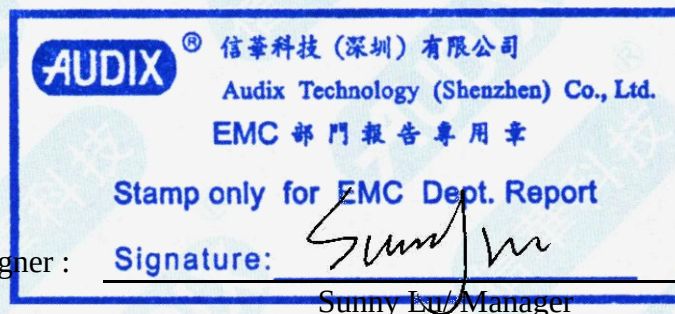
The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Audix Technology (Shenzhen) 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 and RSS-102 test requirements.

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..

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Date of Test : Jan.28~Mar.09, 2026 Date of Report: Mar.11, 2026

Prepared by : Crush Liu Reviewed by : Thomas Chen
Crush Liu / Assistant Thomas Chen / Assistant Manager



Approved & Authorized Signer :

Signature:

1. GENERAL INFORMATION

1.1. Description of Equipment Under Test

Applicant	Urocomm International Limited		
Applicant Address	SUITE 1601,16TH FLOOR CHINACHEM HOLLYWOOD CENTRE 1-13 HOLLYWOOD ROAD CENTRAL HK		
Manufacturer	Urocomm International Limited		
Manufacturer Address	SUITE 1601,16TH FLOOR CHINACHEM HOLLYWOOD CENTRE 1-13 HOLLYWOOD ROAD CENTRAL HK		
Factory	Shenzhen Sailin Electronic Technology Co., Ltd		
Factory Address	4th and 6th floors, Building B7, Yintian Industrial Zone, Yantian Community, Xixiang Street, Bao'an District, Shenzhen		
Product	Macaroon LTE Mobile Router		
Model No.	SE2		
FCC ID	2A7R8-SE2		
Radio	WCDMA, LTE, WLAN		
Sample Type	Mass production		
Date of Receipt	Dec.25, 2025		
Date of Test	Jan.28~Mar.09, 2026		
Frequency Range	802.11b/g/n20/n40/ax20/ax40	2400MHz~2483.5MHz	
	WCDMA Band 2	UL: 1850MHz~1910MHz	DL: 1930MHz~1990MHz
	WCDMA Band 5	UL: 824MHz~849MHz	DL: 869MHz~894MHz
	LTE Band 2	UL: 1850MHz ~1910MHz	DL: 1930MHz~1990MHz
	LTE Band 4	UL: 1710MHz ~1755MHz	DL: 2110MHz~2155MHz
	LTE Band 5	UL: 824MHz ~849MHz	DL: 869MHz~894MHz
	LTE Band 7	UL: 2500MHz ~2570MHz	DL: 2620MHz~2690MHz
	LTE Band 12	UL: 699MHz ~716MHz	DL: 729MHz~746MHz
	LTE Band 13	UL: 777MHz ~787MHz	DL: 746MHz~756MHz
	LTE Band 17	UL: 704MHz ~716MHz	DL: 734MHz~746MHz
	LTE Band 18	UL: 815MHz ~830MHz	DL: 860MHz~875MHz
	LTE Band 19	UL: 830MHz ~845MHz	DL: 875MHz~890MHz
	LTE Band 26	UL: 814MHz ~849MHz	DL: 859MHz~894MHz
	LTE Band 38	UL: 2570MHz ~2620MHz	DL: 2570MHz~2620MHz
	LTE Band 40	UL: 2305MHz ~2360MHz	DL: 2305MHz~2360MHz
	LTE Band 41	UL: 2496MHz ~2690MHz	DL: 2496MHz~2690MHz
	LTE Band 66	UL: 1710MHz ~1780MHz	DL: 2110MHz~2200MHz

Antenna System	
Type of Antenna	PIFA Antenna
Antenna Peak Gain	WIFI 2.4GHz Antenna Gain: -0.25dBi
	WCDMA Band 2 Antenna Gain: 1.11dBi
	WCDMA Band 5 Antenna Gain: -1.31dBi
	LTE Band 2 Antenna Gain: 1.11dBi
	LTE Band 4 Antenna Gain: -0.24dBi
	LTE Band 5 Antenna Gain: -1.31dBi
	LTE Band 7 Antenna Gain: 0.88dBi
	LTE Band 12 Antenna Gain: -2.76dBi
	LTE Band 13 Antenna Gain: -2.51dBi
	LTE Band 17 Antenna Gain: -2.76dBi
	LTE Band 18 Antenna Gain: -1.31dBi
	LTE Band 19 Antenna Gain: -1.31dBi
	LTE Band 26 Antenna Gain: -1.31dBi
	LTE Band 38 Antenna Gain: 1.12dBi
	LTE Band 40 Antenna Gain: 0.44dBi
	LTE Band 41 Antenna Gain: 1.11dBi
	LTE Band 66 Antenna Gain: 0.53dBi

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
- EN IEC-IEEE 62209-1528: 2021
- FCC OET Bulletin 65 Supplement C (Edition 01-01)
- FCC KDB 447498 D04 v01
- FCC KDB 865664 D01/D02
- FCC KDB 248227 D01 v02r02

2.3. Device Description and SAR Limits

This device 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	18 to 25 °C
Humidity	< 25% to 75 %

2.4.2. Test Configuration

The EUT was set 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
WLAN 2.4GHz	✓	✓	✓	X	✓	✓
WCDMA	✓	✓	✓	X	✓	✓
LTE	✓	✓	✓	✓	✓	✓

Note: The side which has a distance larger than 2.5cm from antenna can be excluded from SAR measurement.

2.6. Standalone SAR Test Exclusion Considerations

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold P_{th} (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by Formula (B.2).

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1) in KDB44749 D04 V01. The example values shown in Table B.2 are for illustration only.

According to the KDB447498 Table B.2, the SAR test exclusion threshold for 2450MHz at 5mm test separation distances is 3mW

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

Table 11: Power limits for exemption from routine SAR evaluation based on the separation distance

Frequency (MHz)	≤ 5 mm(mW)	10 mm (mW)	15 mm(mW)	20 mm(mW)	25 mm(mW)	30 mm(mW)	35 mm(mW)	40 mm(mW)	45 mm(mW)	> 50 mm(mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296
835	21	32	41	54	72	96	129	172	228	298
1900	6	10	18	33	57	92	138	194	257	323
2450	3	7	16	32	56	89	128	170	209	245
3500	2	6	15	29	50	72	94	114	134	158
5800	1	5	13	23	32	41	54	74	102	128

The exemption limits in table 11 Table 11 are based on measurements and simulations of half-wave dipole antennas at separation distances of 5 mm to 50 mm from a iat phantom, which provides a SAR value of approximately 0.4 W/kg for 1 g of tissue.

2.7. EUT Configuration and operation conditions for test.



(EUT: Macaroon LTE Mobile Router)

2.8. Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date	Calibration Body
1.	DASY5 SAR Test System	Speag	TX60 L speag	F09/5B1H1/01	NCR	NCR	NCR
2.	Power Meter	Anritsu	ML2487A	6K00003262	2025.06.09	2026.06.08	CCIC
3.	Power Sensor	Anritsu	MA2491A	032516	2025.06.09	2026.06.08	CCIC
4.	Dipole Validation Kits	Speag	D750V3	1159	2025.06.18	2028.06.17	CTTL
5.	Dipole Validation Kits	Speag	D900V2	1d088	2023.05.23	2026.05.22	CTTL
6.	Dipole Validation Kits	Speag	D1800V2	2d186	2023.05.23	2026.05.22	CTTL
7.	Dipole Validation Kits	Speag	D2000V2	1055	2023.05.24	2026.05.23	CTTL
8.	Dipole Validation Kits	Speag	D2300V2	1040	2023.02.01	2026.01.31	CTTL
9.	Dipole Validation Kits	Speag	D2450V2	862	2023.05.18	2026.05.17	CTTL
10.	Dipole Validation Kits	Speag	D2600V2	1123	2025.06.17	2028.06.16	CTTL
11.	Attenuator(20dB)	MCL	VAT-20W2-2W	1527-001	2025.09.15	2026.09.14	CCIC
12.	ENA SERIES NETWORK ANALYZER	Agilent	E5071C	MY46316760	2025.09.15	2026.09.14	CCIC
13.	Date Acquisition Electronics	Speag	DAE4	899	2025.06.19	2026.06.18	CTTL
14.	E-Field Probe	Speag	EX3DV4	7957	2025.10.06	2026.10.05	Schmid & Partner Engineering AG
15.	RF Vector Signal Generator	Agilent	N5182B	MY53050865	2025.09.15	2026.09.14	CCIC
16.	Attenuator(20dB)	MCL	VAT-20W2-2W	1527-002	2025.09.15	2026.09.16	CCIC
17.	Test Software	Schmid&Partner Englinnering AG	DASY5	52.8.7.1137	NCR	NCR	NCR

Note: NCR means no calibration required (calibrated with system).

Dipole: 2450V2-SN862

Antenna Parameters with Head TSL

Date	2024.05.16	2025.05.17
Impedance, Transformed to Feed point	$48.0\Omega - 6.11j\Omega$	$48.45\Omega - 6.19j\Omega$
Return Loss	-23.21dB	-24.13dB

Dipole: D2300V2-SN1040

Antenna Parameters with Head TSL

Date	2024.01.21	2025.01.27
Impedance, Transformed to Feed point	$48.24\Omega - 3.43j\Omega$	$46.21\Omega - 2.01j\Omega$
Return Loss	-26.1dB	-25.67dB

Dipole: D2000V2-SN1055

Antenna Parameters with Head TSL

Date	2024.05.21	2025.05.27
Impedance, Transformed to Feed point	$48.11\Omega - 1.43j\Omega$	$47.69\Omega - 1.11j\Omega$
Return Loss	-32.1dB	-34.5dB

Dipole: D1800V2-SN:2d186

Antenna Parameters with Head TSL

Date	2024.05.20	2025.05.18
Impedance, Transformed to Feed point	$46.9\Omega - 2.57j\Omega$	$47.7\Omega - 3.38j\Omega$
Return Loss	-29.0dB	-33dB

Dipole: D900V2-SN: 1d088

Antenna Parameters with Head TSL

Date	2024.05.15	2025.05.25
Impedance, Transformed to Feed point	$48.79\Omega - 7.22j\Omega$	$49.13\Omega - 7.87j\Omega$
Return Loss	-21.1dB	-22.4dB

2.9. Laboratory Environment

Temperature	Min:20°C,Max.25°C
Relative humidity	Min. = 30%, 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: ±21.1
	10g: ±20.6
Uncertainty for test site temperature	±0.6°C

Source	Type	Uncertainty Value (%)	Probability Distribution	K	C1(1g)	C1(10g)	Standard uncertainty u1(%)1g	Standard uncertainty u1(%)10g	Degree of freedom Veff or Vi
Measurement system repeitivity	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	

The following tissue formulations are provided for reference only as some of the parameters have not been thoroughly verified. The composition of ingredients may be modified accordingly to achieve the desired target tissue parameters required for routine SAR evaluation.

Ingredients (% by weight)	Frequency (MHz)									
	450		835		915		1900		2450	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	38.56	51.16	41.45	52.4	41.05	56.0	54.9	40.4	62.7	73.2
Salt (NaCl)	3.95	1.49	1.45	1.4	1.35	0.76	0.18	0.5	0.5	0.04
Sugar	56.32	46.78	56.0	45.0	56.5	41.76	0.0	58.0	0.0	0.0
HEC	0.98	0.52	1.0	1.0	1.0	1.21	0.0	1.0	0.0	0.0
Bactericide	0.19	0.05	0.1	0.1	0.1	0.27	0.0	0.1	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0
DGBE	0.0	0.0	0.0	0.0	0.0	0.0	44.92	0.0	0.0	26.7
Dielectric Constant	43.42	58.0	42.54	56.1	42.0	56.8	39.9	54.0	39.8	52.5
Conductivity (S/m)	0.85	0.83	0.91	0.95	1.0	1.07	1.42	1.45	1.88	1.78

Salt: 99+% Pure Sodium Chloride

Sugar: 98+% Pure Sucrose

Water: De-ionized, 16 MΩ+ resistivity

HEC: Hydroxyethyl Cellulose

DGBE: 99+% Di(ethylene glycol) butyl ether, [2-(2-butoxyethoxy)ethanol]

Triton X-100 (ultra pure): Polyethylene glycol mono [4-(1,1, 3, 3-tetramethylbutyl)phenyl]ether

Simulating Liquids for 5 GHz, Manufactured by SPEAG

Ingredients	(% by weight)
Water	78
Mineral oil	11
Emulsifiers	9
Additives and Salt	2

3. MEASURE PROCEDURES

3.1. General description of test procedures

Please apply the following guidance for SAR testing:

1. Please use a 0 mm (touching) test separation distance on the flat phantom during SAR testing of this device. This separation distance is based on the guidance found in FCC KDB Publication 447498 D04
2. Please utilize a body tissue simulating liquid (TSL) of the appropriate frequency during SAR testing.
3. Please use the guidance found in FCC KDB Publication 447498 D04 to determine which sides of the device need to be tested for SAR.

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 issues 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.

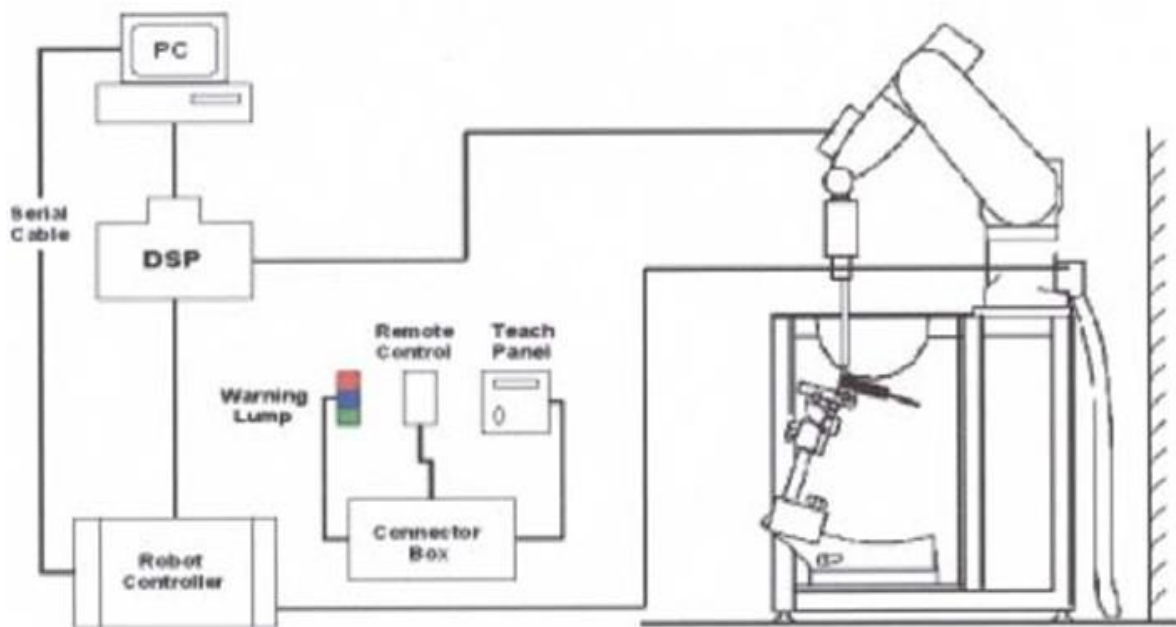
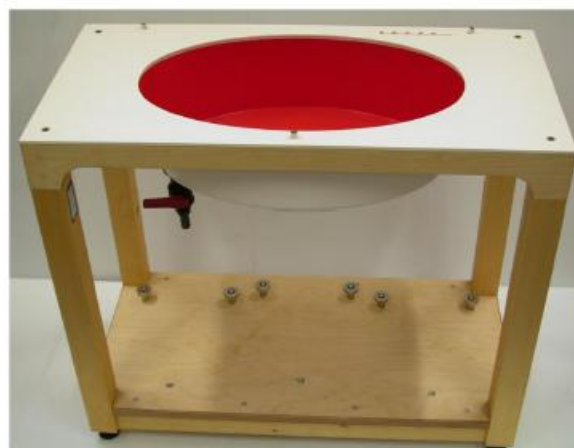


Figure 4.1 SAR Lab Test Measurement Set-up

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.



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.

Figure 6.2 Top View of Twin Phantom

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 $\pm 0.5\text{mm}$ would produce a SAR uncertainty of $\pm 20\%$. 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 $\epsilon_r=3$ and loss tangent $\tan \delta = 0.02$. 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 4.4EX3DV4 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 μ W/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 μ W/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 $\pm 10\%$. The spherical isotropy was evaluated and found to be better than $\pm 0.25\text{dB}$. The sensitivity parameters (NormX, NormY, NormZ), the diode compression parameter (DCP) and the conversion factor (ConvF) 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 below 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.

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

Where: Δt = Exposure time (30 seconds),
 C = Heat capacity of tissue (brain or muscle),
 ΔT = Temperature increase due to RF exposure.
 Or

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

Where:
 σ = Simulated tissue conductivity,
 ρ = Tissue density (kg/m^3).

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. $\pm 5\%$.

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 $\pm 0.1\text{mm}$). 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 $\pm 30^\circ$.)

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 Shepard'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: - SensitivityNormi, ai0, ai1, ai2
 - Conversion factorConvFi
 - Diode compression pointDcpi

Device parameters: - Frequency f
 - 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 multimeter 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:

$$V_i = U_i + U_{i2} \cdot c f / d c p i$$

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

U_i = 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: $E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$

H-field probes: $H_i = (V_i)^{1/2} \cdot (ai0 + ai1 f + ai2 f^2) / f$

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

$Norm_i$ = 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]

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

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

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

$$E_{tot} = (E_x^2 + E_y^2 + E_z^2)^{1/2}$$

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

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

SAR = local specific absorption rate in mW/g

E_{tot} = total field strength in V/m

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

ρ = 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.

$$P_{pwe} = E_{tot}^2 / 3770 \quad \text{or} \quad P_{pwe} = H_{tot}^2 \cdot 37.7$$

with P_{pwe} = equivalent power density of a plane wave in mW/cm²

E_{tot} = total electric field strength in V/m

H_{tot} = 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 ($\pm 10\%$).

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

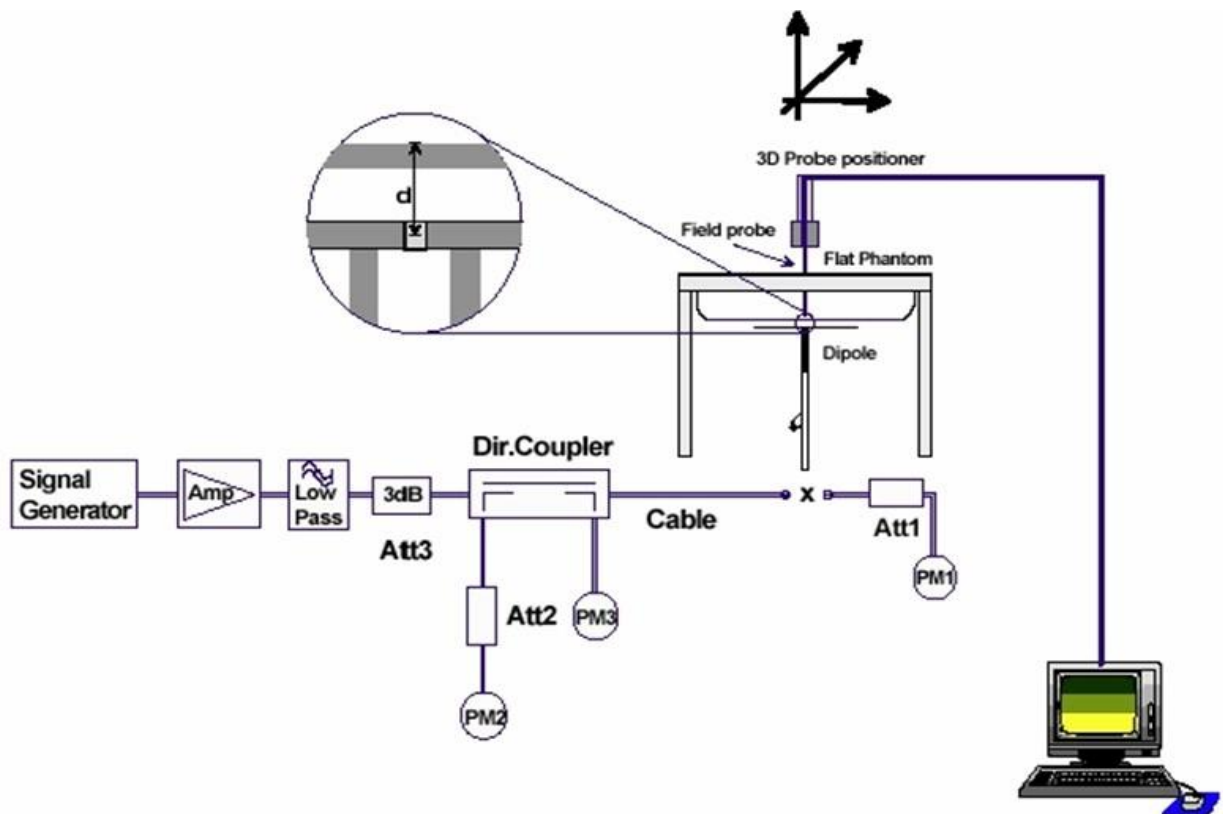


Figure 6.1: System Check Set-up



Figure 6.3: photos of system

7. TEST RESULTS

7.1. Output power (WLAN 2.4G)

Test Mode	CH	Power Setting	Duty factor (dB)	Output Power (dBm)
11b	CH1	18	2.540	18.500
	CH6		2.540	17.550
	CH11		2.540	18.280
11g	CH1	13	5.960	12.170
	CH6		5.960	11.940
	CH11		5.960	12.660
11n HT20	CH1	12	4.710	10.860
	CH6		4.710	10.410
	CH11		4.710	11.340
11n HT40	CH3	11	4.790	8.850
	CH6		4.790	8.660
	CH9		4.790	8.690
11ax HE20	CH1	14	5.520	12.700
	CH6		5.520	12.810
	CH11		5.520	13.210
11ax HE40	CH3	10	5.500	7.680
	CH6		5.500	7.560
	CH9		5.500	7.640

(UMTS)

Band	Channel	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	22.60	23.71	33	PASS
Band2	9400	22.62	23.73	33	PASS
Band2	9538	22.64	23.75	33	PASS
Band5	4132	23.09	19.63	38.45	PASS
Band5	4182	23.13	19.67	38.45	PASS
Band5	4233	23.15	19.69	38.45	PASS

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	22.83	23.94	33	PASS
Band2	9262	2	22.84	23.95	33	PASS
Band2	9262	3	21.41	22.52	33	PASS
Band2	9262	4	21.44	22.55	33	PASS
Band2	9400	1	23.05	24.16	33	PASS
Band2	9400	2	22.96	24.07	33	PASS
Band2	9400	3	21.63	22.74	33	PASS
Band2	9400	4	21.66	22.77	33	PASS
Band2	9538	1	23.35	24.46	33	PASS
Band2	9538	2	23.23	24.34	33	PASS
Band2	9538	3	21.84	22.95	33	PASS
Band2	9538	4	21.86	22.97	33	PASS
Band5	4132	1	23.63	20.17	38.45	PASS
Band5	4132	2	22.81	19.35	38.45	PASS
Band5	4132	3	21.57	18.11	38.45	PASS
Band5	4132	4	21.55	18.09	38.45	PASS
Band5	4182	1	23.62	20.16	38.45	PASS
Band5	4182	2	22.80	19.34	38.45	PASS
Band5	4182	3	21.45	17.99	38.45	PASS
Band5	4182	4	21.48	18.02	38.45	PASS
Band5	4233	1	23.24	19.78	38.45	PASS
Band5	4233	2	22.73	19.27	38.45	PASS
Band5	4233	3	21.38	17.92	38.45	PASS
Band5	4233	4	21.38	17.92	38.45	PASS

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	19.83	20.94	33	PASS
Band2	9262	2	19.95	21.06	33	PASS
Band2	9262	3	20.38	21.49	33	PASS
Band2	9262	4	20.45	21.56	33	PASS
Band2	9262	5	21.89	23	33	PASS
Band2	9400	1	20.14	21.25	33	PASS
Band2	9400	2	20.02	21.13	33	PASS
Band2	9400	3	20.51	21.62	33	PASS
Band2	9400	4	20.26	21.37	33	PASS
Band2	9400	5	22.07	23.18	33	PASS
Band2	9538	1	20.35	21.46	33	PASS
Band2	9538	2	20.23	21.34	33	PASS
Band2	9538	3	20.69	21.8	33	PASS
Band2	9538	4	20.41	21.52	33	PASS
Band2	9538	5	22.38	23.49	33	PASS
Band5	4132	1	20.66	17.2	38.45	PASS
Band5	4132	2	20.50	17.04	38.45	PASS
Band5	4132	3	21.05	17.59	38.45	PASS
Band5	4132	4	20.53	17.07	38.45	PASS
Band5	4132	5	23.70	20.24	38.45	PASS
Band5	4182	1	20.92	17.46	38.45	PASS
Band5	4182	2	20.50	17.04	38.45	PASS
Band5	4182	3	20.66	17.2	38.45	PASS
Band5	4182	4	20.28	16.82	38.45	PASS
Band5	4182	5	23.80	20.34	38.45	PASS
Band5	4233	1	20.84	17.38	38.45	PASS
Band5	4233	2	20.47	17.01	38.45	PASS
Band5	4233	3	20.94	17.48	38.45	PASS
Band5	4233	4	20.28	16.82	38.45	PASS
Band5	4233	5	23.59	20.13	38.45	PASS

(LTE)

Band	Bandwidth	Modulation	Channel	RB Configuration	Power (dBm)	ERP/EIRP (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.56	24.67	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.63	24.74	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.53	24.64	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.51	24.62	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.62	24.73	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.59	24.7	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.53	23.64	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.60	24.71	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.70	24.81	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.61	24.72	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.61	24.72	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.66	24.77	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.55	24.66	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.61	23.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.88	24.99	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.78	24.89	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.88	24.99	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.81	24.92	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.74	24.85	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.68	24.79	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.69	23.8	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.47	23.58	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.20	24.31	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.25	23.36	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.27	23.38	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.38	23.49	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.30	23.41	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.62	22.73	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.84	23.95	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.99	24.1	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.80	23.91	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.51	23.62	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.60	23.71	PASS

Band2	1.4MHz	16QAM	18900	3RB#3	22.44	23.55	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.65	22.76	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.13	24.24	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.79	24.9	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.14	24.25	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.36	23.47	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.89	24	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.38	23.49	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.78	22.89	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.58	24.69	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.66	24.77	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.60	24.71	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.55	23.66	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.65	23.76	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.59	23.7	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.64	23.75	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.54	24.65	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.55	24.66	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.69	24.8	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.70	23.81	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.48	23.59	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.53	23.64	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.66	23.77	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.60	24.71	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.74	24.85	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.67	24.78	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.65	23.76	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.70	23.81	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.66	23.77	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.67	23.78	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.44	23.55	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.47	24.58	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.39	23.5	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.79	22.9	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.66	22.77	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.74	22.85	PASS

Band2	3MHz	16QAM	18615	15RB#0	21.76	22.87	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.27	23.38	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.91	24.02	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.19	23.3	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.73	22.84	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.73	22.84	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.80	22.91	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.62	22.73	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.53	23.64	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.50	24.61	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.51	23.62	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.90	23.01	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.70	22.81	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.84	22.95	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.78	22.89	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.49	24.6	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.51	24.62	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.53	24.64	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.60	23.71	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.69	23.8	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.70	23.81	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.59	23.7	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.54	24.65	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.47	24.58	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.48	24.59	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.66	23.77	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.58	23.69	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.60	23.71	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.57	23.68	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.52	24.63	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.42	24.53	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.55	24.66	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.66	23.77	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.62	23.73	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.64	23.75	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.64	23.75	PASS

Band2	5MHz	16QAM	18625	1RB#0	22.19	23.3	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.49	23.6	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.22	23.33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.74	22.85	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.68	22.79	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.72	22.83	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.82	22.93	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.98	23.09	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.77	23.88	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.01	23.12	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.69	22.8	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.56	22.67	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.71	22.82	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.75	22.86	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.02	23.13	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.82	23.93	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.10	23.21	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.76	22.87	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.71	22.82	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.77	22.88	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.78	22.89	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.51	24.62	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.68	24.79	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.46	24.57	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.62	23.73	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.65	23.76	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.56	23.67	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.66	23.77	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.65	24.76	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.65	24.76	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.55	24.66	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.67	23.78	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.62	23.73	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.62	23.73	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.70	23.81	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.57	24.68	PASS

Band2	10MHz	QPSK	19150	1RB#24	23.71	24.82	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.63	24.74	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.67	23.78	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.70	23.81	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.64	23.75	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.63	23.74	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.34	23.45	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.58	24.69	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.39	23.5	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.67	22.78	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.63	22.74	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.74	22.85	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.70	22.81	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.53	23.64	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.66	24.77	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.53	23.64	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.83	22.94	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.85	22.96	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.84	22.95	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.70	22.81	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.64	23.75	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.61	24.72	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.68	23.79	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.72	22.83	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.64	22.75	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.71	22.82	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.70	22.81	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.45	24.56	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.78	24.89	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.46	24.57	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.62	23.73	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.58	23.69	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.57	23.68	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.51	23.62	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.61	24.72	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.80	24.91	PASS

Band2	15MHz	QPSK	18900	1RB#74	23.67	24.78	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.63	23.74	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.70	23.81	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.72	23.83	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.59	23.7	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.67	24.78	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.79	24.9	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.60	24.71	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.63	23.74	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.65	23.76	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.60	23.71	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.64	23.75	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.75	23.86	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.66	24.77	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.70	23.81	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.74	22.85	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.75	22.86	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.79	22.9	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.71	22.82	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.72	23.83	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.67	24.78	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.72	23.83	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.72	22.83	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.73	22.84	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.76	22.87	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.61	22.72	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.79	23.9	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.55	24.66	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.69	23.8	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.68	22.79	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.76	22.87	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.68	22.79	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.72	22.83	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.83	24.94	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.68	24.79	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.81	24.92	PASS

Band2	20MHz	QPSK	18700	50RB#0	22.60	23.71	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.56	23.67	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.62	23.73	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.57	23.68	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.69	24.8	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.75	24.86	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.58	24.69	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.51	23.62	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.62	23.73	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.63	23.74	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.63	23.74	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.89	25	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.74	24.85	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.87	24.98	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.67	23.78	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.68	23.79	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.65	23.76	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.61	23.72	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.66	23.77	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.42	23.53	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.66	23.77	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.74	22.85	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.74	22.85	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.75	22.86	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.73	22.84	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.63	23.74	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.03	23.14	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.05	24.16	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.73	22.84	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.63	22.74	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.78	22.89	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.65	22.76	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.78	23.89	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.47	23.58	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.77	23.88	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.88	22.99	PASS

Band2	20MHz	16QAM	19100	50RB#25	21.77	22.88	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.84	22.95	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.75	22.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	23.85	23.61	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.94	23.7	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.87	23.63	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.82	23.58	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.92	23.68	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.85	23.61	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.71	22.47	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.77	23.53	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.83	23.59	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.68	23.44	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.70	23.46	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.77	23.53	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.76	23.52	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.72	22.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.83	23.59	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.00	23.76	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.81	23.57	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.90	23.66	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.96	23.72	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.79	23.55	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.85	22.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.12	22.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.87	23.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.14	22.9	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.41	22.17	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	23.01	22.77	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.43	22.19	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.87	21.63	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.38	22.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.34	23.1	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.36	22.12	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.42	22.18	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.55	22.31	PASS

Band4	1.4MHz	16QAM	20175	3RB#3	22.43	22.19	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.79	21.55	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.45	23.21	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.61	23.37	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.40	23.16	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.26	22.02	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.85	22.61	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.24	22	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.04	21.8	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.74	23.5	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.84	23.6	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.81	23.57	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.81	22.57	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.76	22.52	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.75	22.51	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.82	22.58	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.82	23.58	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.68	23.44	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.74	23.5	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.67	22.43	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.76	22.52	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.76	22.52	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.72	22.48	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.80	23.56	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.76	23.52	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.74	23.5	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.79	22.55	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.82	22.58	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.77	22.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.79	22.55	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.46	22.22	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.36	23.12	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.36	22.12	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.97	21.73	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.84	21.6	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.02	21.78	PASS

Band4	3MHz	16QAM	19965	15RB#0	21.74	21.5	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.61	22.37	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.96	22.72	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.61	22.37	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.93	21.69	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.81	21.57	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.89	21.65	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.85	21.61	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.67	22.43	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.09	22.85	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.62	22.38	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.07	21.83	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.91	21.67	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.04	21.8	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.93	21.69	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.77	23.53	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.64	23.4	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.68	23.44	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.68	22.44	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.67	22.43	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.70	22.46	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.65	22.41	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.00	23.76	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.89	23.65	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.94	23.7	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.66	22.42	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.76	22.52	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.67	22.43	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.63	22.39	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.81	23.57	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.61	23.37	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.81	23.57	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.83	22.59	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.88	22.64	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.85	22.61	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.85	22.61	PASS

Band4	5MHz	16QAM	19975	1RB#0	22.13	21.89	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.74	22.5	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.14	21.9	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.83	21.59	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.70	21.46	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.87	21.63	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.94	21.7	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.45	22.21	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.84	22.6	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.54	22.3	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.78	21.54	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.74	21.5	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.73	21.49	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.86	21.62	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.31	22.07	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.98	22.74	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.44	22.2	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.94	21.7	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.84	21.6	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.96	21.72	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.00	21.76	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.72	23.48	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.93	23.69	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.68	23.44	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.72	22.48	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.81	22.57	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.81	22.57	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.67	22.43	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.67	23.43	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.88	23.64	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.70	23.46	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.64	22.4	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.78	22.54	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.77	22.53	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.69	22.45	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.85	23.61	PASS

Band4	10MHz	QPSK	20350	1RB#24	24.20	23.96	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.76	23.52	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.93	22.69	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.83	22.59	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.89	22.65	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.91	22.67	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.87	22.63	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.67	23.43	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.84	22.6	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.86	21.62	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.75	21.51	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.79	21.55	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.82	21.58	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.68	22.44	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.63	23.39	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.75	22.51	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.95	21.71	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.95	21.71	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.92	21.68	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.92	21.68	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.81	22.57	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.83	23.59	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.72	22.48	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.86	21.62	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.76	21.52	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.86	21.62	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.85	21.61	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.79	23.55	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.90	23.66	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.68	23.44	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.76	22.52	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.81	22.57	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.64	22.4	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.79	22.55	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.84	23.6	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.87	23.63	PASS

Band4	15MHz	QPSK	20175	1RB#74	23.74	23.5	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.77	22.53	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.72	22.48	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.82	22.58	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.65	22.41	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.80	23.56	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.11	23.87	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.76	23.52	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.81	22.57	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.86	22.62	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.86	22.62	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.85	22.61	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.82	22.58	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.70	23.46	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.79	22.55	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.79	21.55	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.86	21.62	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.82	21.58	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.79	21.55	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.09	22.85	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.66	23.42	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.06	22.82	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.10	21.86	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.93	21.69	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.89	21.65	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.87	21.63	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.64	22.4	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.84	23.6	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.70	22.46	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.90	21.66	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.96	21.72	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.89	21.65	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.91	21.67	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.01	23.77	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.86	23.62	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.92	23.68	PASS

Band4	20MHz	QPSK	20050	50RB#0	22.76	22.52	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.77	22.53	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.74	22.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.78	22.54	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.84	23.6	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.95	23.71	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.83	23.59	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.78	22.54	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.76	22.52	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.81	22.57	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.69	22.45	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.03	23.79	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.01	23.77	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.00	23.76	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.78	22.54	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.89	22.65	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.80	22.56	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.82	22.58	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.85	22.61	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.51	22.27	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.72	22.48	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.94	21.7	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.92	21.68	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.95	21.71	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.86	21.62	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.03	22.79	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.19	22.95	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.97	22.73	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.11	21.87	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.91	21.67	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.92	21.68	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.95	21.71	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.45	22.21	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.27	22.03	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.24	22	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.99	21.75	PASS

Band4	20MHz	16QAM	20300	50RB#25	21.97	21.73	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.92	21.68	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.02	21.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.94	20.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.98	20.52	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.90	20.44	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.86	20.4	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.98	20.52	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.93	20.47	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.74	19.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.03	20.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.00	20.54	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.12	20.66	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.91	20.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.96	20.5	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.94	20.48	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.89	19.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.80	20.34	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.81	20.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.81	20.35	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.89	20.43	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.79	20.33	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.86	20.4	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.79	19.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.08	19.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	24.02	20.56	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.15	19.69	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.44	18.98	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.02	19.56	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.35	18.89	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.99	18.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.65	19.19	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.60	20.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.64	19.18	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.68	19.22	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.74	19.28	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	22.70	19.24	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.01	18.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.16	19.7	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.92	19.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.05	19.59	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.66	19.2	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.79	19.33	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.59	19.13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.00	18.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.78	20.32	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.94	20.48	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.75	20.29	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.79	19.33	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.76	19.3	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.95	19.49	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.72	19.26	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.08	20.62	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.98	20.52	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.04	20.58	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.92	19.46	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.97	19.51	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.97	19.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.95	19.49	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.83	20.37	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.84	20.38	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.84	20.38	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.94	19.48	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.95	19.49	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.75	19.29	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.83	19.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.51	19.05	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.51	20.05	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.40	18.94	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.91	18.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.78	18.32	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.96	18.5	PASS

Band5	3MHz	16QAM	20415	15RB#0	21.87	18.41	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.60	19.14	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.57	20.11	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.61	19.15	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.31	18.85	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.02	18.56	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.07	18.61	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.80	18.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.31	19.85	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.96	19.5	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.21	19.75	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.95	18.49	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.96	18.5	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.10	18.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.84	18.38	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.96	20.5	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.09	20.63	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.07	20.61	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.82	19.36	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.92	19.46	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.97	19.51	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.89	19.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.85	20.39	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.78	20.32	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.84	20.38	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.85	19.39	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.88	19.42	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.91	19.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.93	19.47	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.86	20.4	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.72	20.26	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.82	20.36	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.02	19.56	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.95	19.49	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.02	19.56	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.98	19.52	PASS

Band5	5MHz	16QAM	20425	1RB#0	22.76	19.3	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.60	19.14	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.95	19.49	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.80	18.34	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.85	18.39	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.98	18.52	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.97	18.51	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.36	18.9	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.81	19.35	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.25	18.79	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.21	18.75	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.94	18.48	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.89	18.43	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.00	18.54	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.07	19.61	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.45	19.99	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.03	19.57	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.97	18.51	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.93	18.47	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.87	18.41	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.98	18.52	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.87	20.41	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.94	20.48	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.90	20.44	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.85	19.39	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.94	19.48	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.89	19.43	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.89	19.43	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.62	20.16	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.99	20.53	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.82	20.36	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.96	19.5	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.91	19.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.84	19.38	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.00	19.54	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.95	20.49	PASS

Band5	10MHz	QPSK	20600	1RB#24	23.90	20.44	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.90	20.44	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.85	19.39	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.77	19.31	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.87	19.41	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.83	19.37	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.83	19.37	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.93	20.47	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.87	19.41	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.88	18.42	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.74	18.28	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.95	18.49	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.84	18.38	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.77	19.31	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.90	20.44	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.76	19.3	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.37	18.91	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.13	18.67	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.01	18.55	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.02	18.56	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.52	20.06	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.56	20.1	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.39	19.93	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.87	18.41	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.96	18.5	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.99	18.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.03	18.57	PASS
Band7	5MHz	QPSK	20775	1RB#0	23.26	24.14	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.43	24.31	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.31	24.19	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.62	23.5	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.60	23.48	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.57	23.45	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.53	23.41	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.68	24.56	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.68	24.56	PASS

Band7	5MHz	QPSK	21100	1RB#24	23.55	24.43	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.55	23.43	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.64	23.52	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.54	23.42	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.56	23.44	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.66	24.54	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.39	24.27	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.70	24.58	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.49	23.37	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.54	23.42	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.62	23.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.58	23.46	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.71	23.59	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.02	23.9	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.72	23.6	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.64	22.52	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.90	22.78	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.87	22.75	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.90	22.78	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.04	22.92	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.77	23.65	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.09	22.97	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.54	22.42	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.81	22.69	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.39	22.27	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.89	22.77	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.02	22.9	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.68	23.56	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.03	22.91	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.46	22.34	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.46	22.34	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.48	22.36	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.61	22.49	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.35	24.23	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.69	24.57	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.45	24.33	PASS

Band7	10MHz	QPSK	20800	25RB#0	22.59	23.47	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.61	23.49	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.53	23.41	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.48	23.36	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.69	24.57	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.75	24.63	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.70	24.58	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.64	23.52	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.65	23.53	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.50	23.38	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.55	23.43	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.39	24.27	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.79	24.67	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.53	24.41	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.52	23.4	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.70	23.58	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.42	23.3	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.48	23.36	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.65	23.53	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.45	24.33	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.52	23.4	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.73	22.61	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.61	22.49	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.49	22.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.65	22.53	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.35	23.23	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.95	24.83	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.34	23.22	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.79	22.67	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.02	22.9	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.68	22.56	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.90	22.78	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.75	23.63	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.48	24.36	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.47	23.35	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.89	22.77	PASS

Band7	10MHz	16QAM	21400	25RB#12	21.79	22.67	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.52	22.4	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.82	22.7	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.44	24.32	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.73	24.61	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.53	24.41	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.46	23.34	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.48	23.36	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.56	23.44	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.38	23.26	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.64	24.52	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.84	24.72	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.59	24.47	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.49	23.37	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.63	23.51	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.46	23.34	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.49	23.37	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.56	24.44	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.74	24.62	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.54	24.42	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.56	23.44	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.59	23.47	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.61	23.49	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.61	23.49	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.59	23.47	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.42	24.3	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.69	23.57	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.65	22.53	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.37	22.25	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.51	22.39	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.42	22.3	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.87	23.75	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.61	24.49	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.70	23.58	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.52	22.4	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.95	22.83	PASS

Band7	15MHz	16QAM	21100	38RB#37	21.84	22.72	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.92	22.8	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.55	23.43	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.56	24.44	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.55	23.43	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.55	22.43	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.86	22.74	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.88	22.76	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.87	22.75	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.70	24.58	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.70	24.58	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.70	24.58	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.52	23.4	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.45	23.33	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.54	23.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.55	23.43	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.71	24.59	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.85	24.73	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.71	24.59	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.60	23.48	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.64	23.52	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.49	23.37	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.71	23.59	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.65	24.53	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.71	24.59	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.72	24.6	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.62	23.5	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.48	23.36	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.54	23.42	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.63	23.51	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.38	23.26	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.20	23.08	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.38	23.26	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.66	22.54	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.60	22.48	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.65	22.53	PASS

Band7	20MHz	16QAM	20850	100RB#0	21.62	22.5	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.98	23.86	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.99	23.87	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.93	23.81	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.47	22.35	PASS
Band7	20MHz	16QAM	21100	50RB#25	22.00	22.88	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.96	22.84	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.07	22.95	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.33	23.21	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.32	23.2	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.35	23.23	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.62	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.62	22.5	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.92	22.8	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.64	22.52	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	23.83	18.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.83	18.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.78	18.87	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.81	18.9	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.76	18.85	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.74	18.83	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.71	17.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.72	18.81	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.68	18.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.69	18.78	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.47	18.56	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.67	18.76	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.64	18.73	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.69	17.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.71	18.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.77	18.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.74	18.83	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.69	18.78	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.74	18.83	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.62	18.71	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.56	17.65	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	23.09	18.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.83	18.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.03	18.12	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.44	17.53	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.89	17.98	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.47	17.56	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.75	16.84	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.30	17.39	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.14	18.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.33	17.42	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.44	17.53	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.49	17.58	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.44	17.53	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.71	16.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.02	18.11	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.84	18.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.03	18.12	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.23	17.32	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.81	17.9	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.20	17.29	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.70	16.79	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.81	18.9	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.81	18.9	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.67	18.76	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.70	17.79	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.79	17.88	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.78	17.87	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.73	17.82	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.57	18.66	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.53	18.62	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.54	18.63	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.65	17.74	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.67	17.76	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.65	17.74	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.66	17.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.62	18.71	PASS

Band12	3MHz	QPSK	23165	1RB#8	23.65	18.74	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.62	18.71	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.56	17.65	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.66	17.75	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.66	17.75	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.50	17.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.43	17.52	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.39	18.48	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.39	17.48	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.82	16.91	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.67	16.76	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.79	16.88	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.54	16.63	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.61	17.7	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.81	17.9	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.71	17.8	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.40	16.49	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.75	16.84	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.64	16.73	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.72	16.81	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.41	17.5	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.46	18.55	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.55	17.64	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.90	16.99	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.79	16.88	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.76	16.85	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.93	17.02	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.65	18.74	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.53	18.62	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.57	18.66	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.79	17.88	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.71	17.8	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.71	17.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.72	17.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.56	18.65	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.52	18.61	PASS

Band12	5MHz	QPSK	23095	1RB#24	23.39	18.48	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.72	17.81	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.68	17.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.68	17.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.72	17.81	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.81	18.9	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.77	18.86	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.81	18.9	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.62	17.71	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.65	17.74	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.54	17.63	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.56	17.65	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.20	17.29	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.67	17.76	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.06	17.15	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.58	16.67	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.61	16.7	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.72	16.81	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.71	16.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.76	17.85	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.32	18.41	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.88	17.97	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.64	16.73	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.75	16.84	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.80	16.89	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.82	16.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.38	17.47	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.64	17.73	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.40	17.49	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.77	16.86	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.76	16.85	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.81	16.9	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.89	16.98	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.60	18.69	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.71	18.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.49	18.58	PASS

Band12	10MHz	QPSK	23060	25RB#0	22.79	17.88	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.69	17.78	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.64	17.73	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.79	17.88	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.76	18.85	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.65	18.74	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.73	18.82	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.75	17.84	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.76	17.85	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.80	17.89	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.71	17.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.59	18.68	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.63	18.72	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.58	18.67	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.64	17.73	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.71	17.8	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.54	17.63	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.78	17.87	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.67	17.76	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.63	18.72	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.70	17.79	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.67	16.76	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.82	16.91	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.49	16.58	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.89	16.98	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.54	17.63	PASS
Band12	10MHz	16QAM	23095	1RB#24	24.13	19.22	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.48	17.57	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.68	16.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.88	16.97	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.76	16.85	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.86	16.95	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.26	18.35	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.34	18.43	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.28	18.37	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.80	16.89	PASS

Band12	10MHz	16QAM	23130	25RB#12	21.70	16.79	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.93	17.02	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.64	16.73	PASS
Band13	5MHz	QPSK	23205	1RB#0	23.65	18.99	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.59	18.93	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.63	18.97	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.75	18.09	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.85	18.19	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.78	18.12	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.77	18.11	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.74	19.08	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.55	18.89	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.72	19.06	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.77	18.11	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.71	18.05	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.67	18.01	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.80	18.14	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.02	19.36	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.90	19.24	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.03	19.37	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.76	18.1	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.70	18.04	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.80	18.14	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.68	18.02	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.27	17.61	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.65	17.99	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.34	17.68	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.88	17.22	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.76	17.1	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.91	17.25	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.89	17.23	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.89	18.23	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.33	18.67	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.80	18.14	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.93	17.27	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.80	17.14	PASS

Band13	5MHz	16QAM	23230	12RB#13	21.75	17.09	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.74	17.08	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.41	17.75	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.77	18.11	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.37	17.71	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.73	17.07	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.63	16.97	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.78	17.12	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.76	17.1	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.62	18.96	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.67	19.01	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.72	19.06	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.80	18.14	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.68	18.02	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.74	18.08	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.80	18.14	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.20	18.54	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.44	18.78	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.35	18.69	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.92	17.26	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.82	17.16	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.83	17.17	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.82	17.16	PASS
Band17	5MHz	QPSK	23755	1RB#0	23.70	18.79	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.44	18.53	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.67	18.76	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.62	17.71	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.66	17.75	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.68	17.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.65	17.74	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.37	18.46	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.54	18.63	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.42	18.51	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.65	17.74	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.73	17.82	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.67	17.76	PASS

Band17	5MHz	QPSK	23790	25RB#0	22.68	17.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.78	18.87	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.74	18.83	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.82	18.91	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.66	17.75	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.62	17.71	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.59	17.68	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.53	17.62	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.08	17.17	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.63	17.72	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.09	17.18	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.44	16.53	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.38	16.47	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.67	16.76	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.65	16.74	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.82	17.91	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.26	18.35	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.71	17.8	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.77	16.86	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.64	16.73	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.88	16.97	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.66	16.75	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.32	17.41	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.62	17.71	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.38	17.47	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.65	16.74	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.73	16.82	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.81	16.9	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.86	16.95	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.45	18.54	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.68	18.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.49	18.58	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.64	17.73	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.71	17.8	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.61	17.7	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.56	17.65	PASS

Band17	10MHz	QPSK	23790	1RB#0	23.80	18.89	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.71	18.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.69	18.78	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.62	17.71	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.61	17.7	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.63	17.72	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.69	17.78	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.54	18.63	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.61	18.7	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.57	18.66	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.69	17.78	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.67	17.76	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.56	17.65	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.63	17.72	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.75	17.84	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.63	18.72	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.56	17.65	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.47	16.56	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.55	16.64	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.80	16.89	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.71	16.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.46	17.55	PASS
Band17	10MHz	16QAM	23790	1RB#24	24.04	19.13	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.30	17.39	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.87	16.96	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.72	16.81	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.00	17.09	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.67	16.76	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.17	18.26	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.31	18.4	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.29	18.38	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.76	16.85	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.66	16.75	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.89	16.98	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.59	16.68	PASS
Band18 (815-824)	5MHz	QPSK	23875	1RB#0	23.91	20.45	PASS

Band18 (815-824)	5MHz	QPSK	23875	1RB#12	23.75	20.29	PASS
Band18 (815-824)	5MHz	QPSK	23875	1RB#24	23.95	20.49	PASS
Band18 (815-824)	5MHz	QPSK	23875	12RB#0	22.92	19.46	PASS
Band18 (815-824)	5MHz	QPSK	23875	12RB#6	22.93	19.47	PASS
Band18 (815-824)	5MHz	QPSK	23875	12RB#13	22.98	19.52	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	22.90	19.44	PASS
Band18 (815-824)	5MHz	QPSK	23895	1RB#0	23.87	20.41	PASS
Band18 (815-824)	5MHz	QPSK	23895	1RB#12	23.84	20.38	PASS
Band18 (815-824)	5MHz	QPSK	23895	1RB#24	23.86	20.4	PASS
Band18 (815-824)	5MHz	QPSK	23895	12RB#0	22.98	19.52	PASS
Band18 (815-824)	5MHz	QPSK	23895	12RB#6	22.95	19.49	PASS
Band18 (815-824)	5MHz	QPSK	23895	12RB#13	22.97	19.51	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	22.97	19.51	PASS
Band18 (815-824)	5MHz	QPSK	23915	1RB#0	24.25	20.79	PASS
Band18 (815-824)	5MHz	QPSK	23915	1RB#12	23.98	20.52	PASS
Band18 (815-824)	5MHz	QPSK	23915	1RB#24	24.14	20.68	PASS
Band18 (815-824)	5MHz	QPSK	23915	12RB#0	22.92	19.46	PASS
Band18 (815-824)	5MHz	QPSK	23915	12RB#6	22.88	19.42	PASS
Band18 (815-824)	5MHz	QPSK	23915	12RB#13	23.02	19.56	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	22.92	19.46	PASS
Band18 (815-824)	5MHz	16QAM	23875	1RB#0	22.50	19.04	PASS
Band18 (815-824)	5MHz	16QAM	23875	1RB#12	23.07	19.61	PASS
Band18 (815-824)	5MHz	16QAM	23875	1RB#24	22.44	18.98	PASS
Band18 (815-824)	5MHz	16QAM	23875	12RB#0	21.99	18.53	PASS
Band18 (815-824)	5MHz	16QAM	23875	12RB#6	21.87	18.41	PASS
Band18 (815-824)	5MHz	16QAM	23875	12RB#13	21.94	18.48	PASS

Band18 (815-824)	5MHz	16QAM	23875	25RB#0	22.09	18.63	PASS
Band18 (815-824)	5MHz	16QAM	23895	1RB#0	23.04	19.58	PASS
Band18 (815-824)	5MHz	16QAM	23895	1RB#12	23.69	20.23	PASS
Band18 (815-824)	5MHz	16QAM	23895	1RB#24	22.98	19.52	PASS
Band18 (815-824)	5MHz	16QAM	23895	12RB#0	22.14	18.68	PASS
Band18 (815-824)	5MHz	16QAM	23895	12RB#6	22.02	18.56	PASS
Band18 (815-824)	5MHz	16QAM	23895	12RB#13	22.11	18.65	PASS
Band18 (815-824)	5MHz	16QAM	23895	25RB#0	22.05	18.59	PASS
Band18 (815-824)	5MHz	16QAM	23915	1RB#0	22.68	19.22	PASS
Band18 (815-824)	5MHz	16QAM	23915	1RB#12	23.06	19.6	PASS
Band18 (815-824)	5MHz	16QAM	23915	1RB#24	22.65	19.19	PASS
Band18 (815-824)	5MHz	16QAM	23915	12RB#0	21.91	18.45	PASS
Band18 (815-824)	5MHz	16QAM	23915	12RB#6	21.94	18.48	PASS
Band18 (815-824)	5MHz	16QAM	23915	12RB#13	22.01	18.55	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	21.96	18.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	1RB#0	23.79	20.33	PASS
Band18 (824-830)	5MHz	QPSK	23965	1RB#12	23.77	20.31	PASS
Band18 (824-830)	5MHz	QPSK	23965	1RB#24	23.77	20.31	PASS
Band18 (824-830)	5MHz	QPSK	23965	12RB#0	22.90	19.44	PASS
Band18 (824-830)	5MHz	QPSK	23965	12RB#6	22.98	19.52	PASS
Band18 (824-830)	5MHz	QPSK	23965	12RB#13	22.89	19.43	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	22.98	19.52	PASS
Band18 (824-830)	5MHz	QPSK	23970	1RB#0	23.89	20.43	PASS
Band18 (824-830)	5MHz	QPSK	23970	1RB#12	23.81	20.35	PASS
Band18 (824-830)	5MHz	QPSK	23970	1RB#24	23.76	20.3	PASS
Band18 (824-830)	5MHz	QPSK	23970	12RB#0	22.91	19.45	PASS

Band18 (824-830)	5MHz	QPSK	23970	12RB#6	22.86	19.4	PASS
Band18 (824-830)	5MHz	QPSK	23970	12RB#13	22.97	19.51	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	22.99	19.53	PASS
Band18 (824-830)	5MHz	QPSK	23975	1RB#0	24.20	20.74	PASS
Band18 (824-830)	5MHz	QPSK	23975	1RB#12	23.94	20.48	PASS
Band18 (824-830)	5MHz	QPSK	23975	1RB#24	24.09	20.63	PASS
Band18 (824-830)	5MHz	QPSK	23975	12RB#0	22.96	19.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	12RB#6	22.87	19.41	PASS
Band18 (824-830)	5MHz	QPSK	23975	12RB#13	22.88	19.42	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	22.86	19.4	PASS
Band18 (824-830)	5MHz	16QAM	23965	1RB#0	22.17	18.71	PASS
Band18 (824-830)	5MHz	16QAM	23965	1RB#12	23.04	19.58	PASS
Band18 (824-830)	5MHz	16QAM	23965	1RB#24	22.29	18.83	PASS
Band18 (824-830)	5MHz	16QAM	23965	12RB#0	21.93	18.47	PASS
Band18 (824-830)	5MHz	16QAM	23965	12RB#6	21.86	18.4	PASS
Band18 (824-830)	5MHz	16QAM	23965	12RB#13	21.94	18.48	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	22.01	18.55	PASS
Band18 (824-830)	5MHz	16QAM	23970	1RB#0	23.03	19.57	PASS
Band18 (824-830)	5MHz	16QAM	23970	1RB#12	23.64	20.18	PASS
Band18 (824-830)	5MHz	16QAM	23970	1RB#24	22.97	19.51	PASS
Band18 (824-830)	5MHz	16QAM	23970	12RB#0	22.14	18.68	PASS
Band18 (824-830)	5MHz	16QAM	23970	12RB#6	22.03	18.57	PASS
Band18 (824-830)	5MHz	16QAM	23970	12RB#13	22.09	18.63	PASS
Band18 (824-830)	5MHz	16QAM	23970	25RB#0	21.98	18.52	PASS
Band18 (824-830)	5MHz	16QAM	23975	1RB#0	22.58	19.12	PASS
Band18 (824-830)	5MHz	16QAM	23975	1RB#12	23.03	19.57	PASS

Band18 (824-830)	5MHz	16QAM	23975	1RB#24	22.57	19.11	PASS
Band18 (824-830)	5MHz	16QAM	23975	12RB#0	21.88	18.42	PASS
Band18 (824-830)	5MHz	16QAM	23975	12RB#6	21.86	18.4	PASS
Band18 (824-830)	5MHz	16QAM	23975	12RB#13	21.93	18.47	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	21.95	18.49	PASS
Band19	5MHz	QPSK	24025	1RB#0	24.01	20.55	PASS
Band19	5MHz	QPSK	24025	1RB#12	23.99	20.53	PASS
Band19	5MHz	QPSK	24025	1RB#24	23.97	20.51	PASS
Band19	5MHz	QPSK	24025	12RB#0	23.13	19.67	PASS
Band19	5MHz	QPSK	24025	12RB#6	23.09	19.63	PASS
Band19	5MHz	QPSK	24025	12RB#13	23.00	19.54	PASS
Band19	5MHz	QPSK	24025	25RB#0	23.06	19.6	PASS
Band19	5MHz	QPSK	24075	1RB#0	23.94	20.48	PASS
Band19	5MHz	QPSK	24075	1RB#12	23.87	20.41	PASS
Band19	5MHz	QPSK	24075	1RB#24	23.85	20.39	PASS
Band19	5MHz	QPSK	24075	12RB#0	22.96	19.5	PASS
Band19	5MHz	QPSK	24075	12RB#6	23.02	19.56	PASS
Band19	5MHz	QPSK	24075	12RB#13	22.92	19.46	PASS
Band19	5MHz	QPSK	24075	25RB#0	23.03	19.57	PASS
Band19	5MHz	QPSK	24125	1RB#0	24.04	20.58	PASS
Band19	5MHz	QPSK	24125	1RB#12	24.01	20.55	PASS
Band19	5MHz	QPSK	24125	1RB#24	24.05	20.59	PASS
Band19	5MHz	QPSK	24125	12RB#0	22.85	19.39	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.85	19.39	PASS
Band19	5MHz	QPSK	24125	12RB#13	22.88	19.42	PASS
Band19	5MHz	QPSK	24125	25RB#0	22.82	19.36	PASS
Band19	5MHz	16QAM	24025	1RB#0	22.45	18.99	PASS
Band19	5MHz	16QAM	24025	1RB#12	23.00	19.54	PASS
Band19	5MHz	16QAM	24025	1RB#24	22.20	18.74	PASS
Band19	5MHz	16QAM	24025	12RB#0	22.08	18.62	PASS
Band19	5MHz	16QAM	24025	12RB#6	22.02	18.56	PASS
Band19	5MHz	16QAM	24025	12RB#13	22.08	18.62	PASS
Band19	5MHz	16QAM	24025	25RB#0	22.14	18.68	PASS
Band19	5MHz	16QAM	24075	1RB#0	23.15	19.69	PASS

Band19	5MHz	16QAM	24075	1RB#12	23.59	20.13	PASS
Band19	5MHz	16QAM	24075	1RB#24	23.15	19.69	PASS
Band19	5MHz	16QAM	24075	12RB#0	22.05	18.59	PASS
Band19	5MHz	16QAM	24075	12RB#6	22.14	18.68	PASS
Band19	5MHz	16QAM	24075	12RB#13	22.05	18.59	PASS
Band19	5MHz	16QAM	24075	25RB#0	22.05	18.59	PASS
Band19	5MHz	16QAM	24125	1RB#0	22.68	19.22	PASS
Band19	5MHz	16QAM	24125	1RB#12	22.96	19.5	PASS
Band19	5MHz	16QAM	24125	1RB#24	22.57	19.11	PASS
Band19	5MHz	16QAM	24125	12RB#0	21.85	18.39	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.82	18.36	PASS
Band19	5MHz	16QAM	24125	12RB#13	21.81	18.35	PASS
Band19	5MHz	16QAM	24125	25RB#0	21.91	18.45	PASS
Band19	10MHz	QPSK	24050	1RB#0	24.05	20.59	PASS
Band19	10MHz	QPSK	24050	1RB#24	24.13	20.67	PASS
Band19	10MHz	QPSK	24050	1RB#49	23.94	20.48	PASS
Band19	10MHz	QPSK	24050	25RB#0	23.02	19.56	PASS
Band19	10MHz	QPSK	24050	25RB#12	23.03	19.57	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.93	19.47	PASS
Band19	10MHz	QPSK	24050	50RB#0	23.00	19.54	PASS
Band19	10MHz	QPSK	24075	1RB#0	23.99	20.53	PASS
Band19	10MHz	QPSK	24075	1RB#24	24.02	20.56	PASS
Band19	10MHz	QPSK	24075	1RB#49	23.79	20.33	PASS
Band19	10MHz	QPSK	24075	25RB#0	23.06	19.6	PASS
Band19	10MHz	QPSK	24075	25RB#12	23.00	19.54	PASS
Band19	10MHz	QPSK	24075	25RB#25	22.90	19.44	PASS
Band19	10MHz	QPSK	24075	50RB#0	23.02	19.56	PASS
Band19	10MHz	QPSK	24100	1RB#0	24.07	20.61	PASS
Band19	10MHz	QPSK	24100	1RB#24	23.89	20.43	PASS
Band19	10MHz	QPSK	24100	1RB#49	23.87	20.41	PASS
Band19	10MHz	QPSK	24100	25RB#0	22.94	19.48	PASS
Band19	10MHz	QPSK	24100	25RB#12	22.90	19.44	PASS
Band19	10MHz	QPSK	24100	25RB#25	22.82	19.36	PASS
Band19	10MHz	QPSK	24100	50RB#0	22.91	19.45	PASS
Band19	10MHz	16QAM	24050	1RB#0	23.07	19.61	PASS
Band19	10MHz	16QAM	24050	1RB#24	24.03	20.57	PASS

Band19	10MHz	16QAM	24050	1RB#49	22.90	19.44	PASS
Band19	10MHz	16QAM	24050	25RB#0	22.15	18.69	PASS
Band19	10MHz	16QAM	24050	25RB#12	21.92	18.46	PASS
Band19	10MHz	16QAM	24050	25RB#25	21.99	18.53	PASS
Band19	10MHz	16QAM	24050	50RB#0	21.99	18.53	PASS
Band19	10MHz	16QAM	24075	1RB#0	22.95	19.49	PASS
Band19	10MHz	16QAM	24075	1RB#24	23.97	20.51	PASS
Band19	10MHz	16QAM	24075	1RB#49	22.76	19.3	PASS
Band19	10MHz	16QAM	24075	25RB#0	22.27	18.81	PASS
Band19	10MHz	16QAM	24075	25RB#12	22.14	18.68	PASS
Band19	10MHz	16QAM	24075	25RB#25	22.18	18.72	PASS
Band19	10MHz	16QAM	24075	50RB#0	22.04	18.58	PASS
Band19	10MHz	16QAM	24100	1RB#0	23.55	20.09	PASS
Band19	10MHz	16QAM	24100	1RB#24	23.76	20.3	PASS
Band19	10MHz	16QAM	24100	1RB#49	23.44	19.98	PASS
Band19	10MHz	16QAM	24100	25RB#0	22.00	18.54	PASS
Band19	10MHz	16QAM	24100	25RB#12	21.98	18.52	PASS
Band19	10MHz	16QAM	24100	25RB#25	21.99	18.53	PASS
Band19	10MHz	16QAM	24100	50RB#0	22.00	18.54	PASS
Band19	15MHz	QPSK	24075	1RB#0	23.99	20.53	PASS
Band19	15MHz	QPSK	24075	1RB#38	24.00	20.54	PASS
Band19	15MHz	QPSK	24075	1RB#74	23.70	20.24	PASS
Band19	15MHz	QPSK	24075	38RB#0	23.04	19.58	PASS
Band19	15MHz	QPSK	24075	38RB#18	22.96	19.5	PASS
Band19	15MHz	QPSK	24075	38RB#37	22.81	19.35	PASS
Band19	15MHz	QPSK	24075	75RB#0	22.92	19.46	PASS
Band19	15MHz	16QAM	24075	1RB#0	23.02	19.56	PASS
Band19	15MHz	16QAM	24075	1RB#38	24.04	20.58	PASS
Band19	15MHz	16QAM	24075	1RB#74	22.92	19.46	PASS
Band19	15MHz	16QAM	24075	38RB#0	22.01	18.55	PASS
Band19	15MHz	16QAM	24075	38RB#18	21.95	18.49	PASS
Band19	15MHz	16QAM	24075	38RB#37	21.94	18.48	PASS
Band19	15MHz	16QAM	24075	75RB#0	21.92	18.46	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	1RB#0	24.16	20.7	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	1RB#2	24.24	20.78	PASS

Band26 (814-824)	1.4MHz	QPSK	26697	1RB#5	24.13	20.67	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	3RB#0	24.20	20.74	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	3RB#1	24.23	20.77	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	3RB#3	24.18	20.72	PASS
Band26 (814-824)	1.4MHz	QPSK	26697	6RB#0	23.08	19.62	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	1RB#0	24.31	20.85	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	1RB#2	24.25	20.79	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	1RB#5	24.30	20.84	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	3RB#0	24.17	20.71	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	3RB#1	24.20	20.74	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	3RB#3	24.16	20.7	PASS
Band26 (814-824)	1.4MHz	QPSK	26740	6RB#0	23.11	19.65	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	1RB#0	24.06	20.6	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	1RB#2	23.97	20.51	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	1RB#5	24.12	20.66	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	3RB#0	24.17	20.71	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	3RB#1	24.16	20.7	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	3RB#3	24.14	20.68	PASS
Band26 (814-824)	1.4MHz	QPSK	26783	6RB#0	23.18	19.72	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	1RB#0	23.64	20.18	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	1RB#2	24.30	20.84	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	1RB#5	23.55	20.09	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	3RB#0	22.81	19.35	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	3RB#1	23.33	19.87	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	3RB#3	22.77	19.31	PASS
Band26 (814-824)	1.4MHz	16QAM	26697	6RB#0	22.25	18.79	PASS

Band26 (814-824)	1.4MHz	16QAM	26740	1RB#0	22.92	19.46	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	1RB#2	23.94	20.48	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	1RB#5	22.85	19.39	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	3RB#0	22.73	19.27	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	3RB#1	22.91	19.45	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	3RB#3	22.77	19.31	PASS
Band26 (814-824)	1.4MHz	16QAM	26740	6RB#0	22.12	18.66	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	1RB#0	23.23	19.77	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	1RB#2	23.31	19.85	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	1RB#5	23.32	19.86	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	3RB#0	23.10	19.64	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	3RB#1	22.85	19.39	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	3RB#3	23.10	19.64	PASS
Band26 (814-824)	1.4MHz	16QAM	26783	6RB#0	22.27	18.81	PASS
Band26 (814-824)	3MHz	QPSK	26705	1RB#0	24.11	20.65	PASS
Band26 (814-824)	3MHz	QPSK	26705	1RB#8	24.07	20.61	PASS
Band26 (814-824)	3MHz	QPSK	26705	1RB#14	24.11	20.65	PASS
Band26 (814-824)	3MHz	QPSK	26705	8RB#0	23.05	19.59	PASS
Band26 (814-824)	3MHz	QPSK	26705	8RB#4	23.10	19.64	PASS
Band26 (814-824)	3MHz	QPSK	26705	8RB#7	23.12	19.66	PASS
Band26 (814-824)	3MHz	QPSK	26705	15RB#0	23.06	19.6	PASS
Band26 (814-824)	3MHz	QPSK	26740	1RB#0	24.19	20.73	PASS
Band26 (814-824)	3MHz	QPSK	26740	1RB#8	24.28	20.82	PASS
Band26 (814-824)	3MHz	QPSK	26740	1RB#14	24.21	20.75	PASS
Band26 (814-824)	3MHz	QPSK	26740	8RB#0	23.15	19.69	PASS
Band26 (814-824)	3MHz	QPSK	26740	8RB#4	23.17	19.71	PASS

Band26 (814-824)	3MHz	QPSK	26740	8RB#7	23.13	19.67	PASS
Band26 (814-824)	3MHz	QPSK	26740	15RB#0	23.14	19.68	PASS
Band26 (814-824)	3MHz	QPSK	26775	1RB#0	24.32	20.86	PASS
Band26 (814-824)	3MHz	QPSK	26775	1RB#8	24.14	20.68	PASS
Band26 (814-824)	3MHz	QPSK	26775	1RB#14	24.33	20.87	PASS
Band26 (814-824)	3MHz	QPSK	26775	8RB#0	23.09	19.63	PASS
Band26 (814-824)	3MHz	QPSK	26775	8RB#4	23.10	19.64	PASS
Band26 (814-824)	3MHz	QPSK	26775	8RB#7	23.16	19.7	PASS
Band26 (814-824)	3MHz	QPSK	26775	15RB#0	23.14	19.68	PASS
Band26 (814-824)	3MHz	16QAM	26705	1RB#0	23.54	20.08	PASS
Band26 (814-824)	3MHz	16QAM	26705	1RB#8	23.14	19.68	PASS
Band26 (814-824)	3MHz	16QAM	26705	1RB#14	23.53	20.07	PASS
Band26 (814-824)	3MHz	16QAM	26705	8RB#0	22.19	18.73	PASS
Band26 (814-824)	3MHz	16QAM	26705	8RB#4	22.12	18.66	PASS
Band26 (814-824)	3MHz	16QAM	26705	8RB#7	22.22	18.76	PASS
Band26 (814-824)	3MHz	16QAM	26705	15RB#0	22.10	18.64	PASS
Band26 (814-824)	3MHz	16QAM	26740	1RB#0	23.01	19.55	PASS
Band26 (814-824)	3MHz	16QAM	26740	1RB#8	24.02	20.56	PASS
Band26 (814-824)	3MHz	16QAM	26740	1RB#14	22.91	19.45	PASS
Band26 (814-824)	3MHz	16QAM	26740	8RB#0	22.19	18.73	PASS
Band26 (814-824)	3MHz	16QAM	26740	8RB#4	22.09	18.63	PASS
Band26 (814-824)	3MHz	16QAM	26740	8RB#7	22.16	18.7	PASS
Band26 (814-824)	3MHz	16QAM	26740	15RB#0	22.15	18.69	PASS
Band26 (814-824)	3MHz	16QAM	26775	1RB#0	22.87	19.41	PASS
Band26 (814-824)	3MHz	16QAM	26775	1RB#8	23.72	20.26	PASS
Band26 (814-824)	3MHz	16QAM	26775	1RB#14	22.85	19.39	PASS

Band26 (814-824)	3MHz	16QAM	26775	8RB#0	22.25	18.79	PASS
Band26 (814-824)	3MHz	16QAM	26775	8RB#4	22.20	18.74	PASS
Band26 (814-824)	3MHz	16QAM	26775	8RB#7	22.25	18.79	PASS
Band26 (814-824)	3MHz	16QAM	26775	15RB#0	21.98	18.52	PASS
Band26 (814-824)	5MHz	QPSK	26715	1RB#0	24.18	20.72	PASS
Band26 (814-824)	5MHz	QPSK	26715	1RB#12	23.96	20.5	PASS
Band26 (814-824)	5MHz	QPSK	26715	1RB#24	24.22	20.76	PASS
Band26 (814-824)	5MHz	QPSK	26715	12RB#0	23.12	19.66	PASS
Band26 (814-824)	5MHz	QPSK	26715	12RB#6	23.15	19.69	PASS
Band26 (814-824)	5MHz	QPSK	26715	12RB#13	23.15	19.69	PASS
Band26 (814-824)	5MHz	QPSK	26715	25RB#0	23.09	19.63	PASS
Band26 (814-824)	5MHz	QPSK	26740	1RB#0	24.10	20.64	PASS
Band26 (814-824)	5MHz	QPSK	26740	1RB#12	24.03	20.57	PASS
Band26 (814-824)	5MHz	QPSK	26740	1RB#24	24.06	20.6	PASS
Band26 (814-824)	5MHz	QPSK	26740	12RB#0	23.09	19.63	PASS
Band26 (814-824)	5MHz	QPSK	26740	12RB#6	23.08	19.62	PASS
Band26 (814-824)	5MHz	QPSK	26740	12RB#13	23.07	19.61	PASS
Band26 (814-824)	5MHz	QPSK	26740	25RB#0	23.10	19.64	PASS
Band26 (814-824)	5MHz	QPSK	26765	1RB#0	24.33	20.87	PASS
Band26 (814-824)	5MHz	QPSK	26765	1RB#12	24.31	20.85	PASS
Band26 (814-824)	5MHz	QPSK	26765	1RB#24	24.32	20.86	PASS
Band26 (814-824)	5MHz	QPSK	26765	12RB#0	23.15	19.69	PASS
Band26 (814-824)	5MHz	QPSK	26765	12RB#6	23.11	19.65	PASS
Band26 (814-824)	5MHz	QPSK	26765	12RB#13	23.14	19.68	PASS
Band26 (814-824)	5MHz	QPSK	26765	25RB#0	23.17	19.71	PASS
Band26 (814-824)	5MHz	16QAM	26715	1RB#0	22.62	19.16	PASS

Band26 (814-824)	5MHz	16QAM	26715	1RB#12	23.18	19.72	PASS
Band26 (814-824)	5MHz	16QAM	26715	1RB#24	22.54	19.08	PASS
Band26 (814-824)	5MHz	16QAM	26715	12RB#0	22.13	18.67	PASS
Band26 (814-824)	5MHz	16QAM	26715	12RB#6	22.11	18.65	PASS
Band26 (814-824)	5MHz	16QAM	26715	12RB#13	22.12	18.66	PASS
Band26 (814-824)	5MHz	16QAM	26715	25RB#0	22.22	18.76	PASS
Band26 (814-824)	5MHz	16QAM	26740	1RB#0	23.25	19.79	PASS
Band26 (814-824)	5MHz	16QAM	26740	1RB#12	23.85	20.39	PASS
Band26 (814-824)	5MHz	16QAM	26740	1RB#24	23.35	19.89	PASS
Band26 (814-824)	5MHz	16QAM	26740	12RB#0	22.26	18.8	PASS
Band26 (814-824)	5MHz	16QAM	26740	12RB#6	22.23	18.77	PASS
Band26 (814-824)	5MHz	16QAM	26740	12RB#13	22.21	18.75	PASS
Band26 (814-824)	5MHz	16QAM	26740	25RB#0	22.19	18.73	PASS
Band26 (814-824)	5MHz	16QAM	26765	1RB#0	22.80	19.34	PASS
Band26 (814-824)	5MHz	16QAM	26765	1RB#12	23.18	19.72	PASS
Band26 (814-824)	5MHz	16QAM	26765	1RB#24	22.77	19.31	PASS
Band26 (814-824)	5MHz	16QAM	26765	12RB#0	22.04	18.58	PASS
Band26 (814-824)	5MHz	16QAM	26765	12RB#6	22.08	18.62	PASS
Band26 (814-824)	5MHz	16QAM	26765	12RB#13	22.02	18.56	PASS
Band26 (814-824)	5MHz	16QAM	26765	25RB#0	22.16	18.7	PASS
Band26 (814-824)	10MHz	QPSK	26740	1RB#0	24.04	20.58	PASS
Band26 (814-824)	10MHz	QPSK	26740	1RB#24	24.33	20.87	PASS
Band26 (814-824)	10MHz	QPSK	26740	1RB#49	24.11	20.65	PASS
Band26 (814-824)	10MHz	QPSK	26740	25RB#0	23.14	19.68	PASS
Band26 (814-824)	10MHz	QPSK	26740	25RB#12	23.13	19.67	PASS
Band26 (814-824)	10MHz	QPSK	26740	25RB#25	23.08	19.62	PASS

Band26 (814-824)	10MHz	QPSK	26740	50RB#0	23.20	19.74	PASS
Band26 (814-824)	10MHz	16QAM	26740	1RB#0	23.15	19.69	PASS
Band26 (814-824)	10MHz	16QAM	26740	1RB#24	24.12	20.66	PASS
Band26 (814-824)	10MHz	16QAM	26740	1RB#49	23.21	19.75	PASS
Band26 (814-824)	10MHz	16QAM	26740	25RB#0	22.11	18.65	PASS
Band26 (814-824)	10MHz	16QAM	26740	25RB#12	22.06	18.6	PASS
Band26 (814-824)	10MHz	16QAM	26740	25RB#25	22.13	18.67	PASS
Band26 (814-824)	10MHz	16QAM	26740	50RB#0	22.12	18.66	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	1RB#0	24.11	20.65	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	1RB#2	24.13	20.67	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	1RB#5	24.12	20.66	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	3RB#0	24.11	20.65	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	3RB#1	24.18	20.72	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	3RB#3	24.11	20.65	PASS
Band26 (824-849)	1.4MHz	QPSK	26797	6RB#0	23.09	19.63	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	1RB#0	24.16	20.7	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	1RB#2	24.02	20.56	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	1RB#5	24.15	20.69	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	3RB#0	24.09	20.63	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	3RB#1	23.98	20.52	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	3RB#3	23.97	20.51	PASS
Band26 (824-849)	1.4MHz	QPSK	26915	6RB#0	22.95	19.49	PASS
Band26 (824-849)	1.4MHz	QPSK	27033	1RB#0	23.87	20.41	PASS
Band26 (824-849)	1.4MHz	QPSK	27033	1RB#2	23.84	20.38	PASS
Band26 (824-849)	1.4MHz	QPSK	27033	1RB#5	23.92	20.46	PASS
Band26 (824-849)	1.4MHz	QPSK	27033	3RB#0	23.79	20.33	PASS

Band26 (824-849)	1.4MHz	QPSK	27033	3RB#1	23.84	20.38	PASS
Band26 (824-849)	1.4MHz	QPSK	27033	3RB#3	23.83	20.37	PASS
Band26 (824-849)	1.4MHz	QPSK	27033	6RB#0	22.85	19.39	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	1RB#0	23.95	20.49	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	1RB#2	24.38	20.92	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	1RB#5	23.55	20.09	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	3RB#0	22.75	19.29	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	3RB#1	23.30	19.84	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	3RB#3	22.77	19.31	PASS
Band26 (824-849)	1.4MHz	16QAM	26797	6RB#0	22.23	18.77	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	1RB#0	22.73	19.27	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	1RB#2	23.67	20.21	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	1RB#5	22.63	19.17	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	3RB#0	22.68	19.22	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	3RB#1	22.77	19.31	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	3RB#3	22.70	19.24	PASS
Band26 (824-849)	1.4MHz	16QAM	26915	6RB#0	21.92	18.46	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	1RB#0	23.06	19.6	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	1RB#2	22.85	19.39	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	1RB#5	23.07	19.61	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	3RB#0	22.56	19.1	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	3RB#1	22.69	19.23	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	3RB#3	22.64	19.18	PASS
Band26 (824-849)	1.4MHz	16QAM	27033	6RB#0	21.96	18.5	PASS
Band26 (824-849)	3MHz	QPSK	26805	1RB#0	23.97	20.51	PASS
Band26 (824-849)	3MHz	QPSK	26805	1RB#8	24.12	20.66	PASS

Band26 (824-849)	3MHz	QPSK	26805	1RB#14	24.08	20.62	PASS
Band26 (824-849)	3MHz	QPSK	26805	8RB#0	23.14	19.68	PASS
Band26 (824-849)	3MHz	QPSK	26805	8RB#4	23.11	19.65	PASS
Band26 (824-849)	3MHz	QPSK	26805	8RB#7	23.14	19.68	PASS
Band26 (824-849)	3MHz	QPSK	26805	15RB#0	23.08	19.62	PASS
Band26 (824-849)	3MHz	QPSK	26915	1RB#0	24.22	20.76	PASS
Band26 (824-849)	3MHz	QPSK	26915	1RB#8	24.00	20.54	PASS
Band26 (824-849)	3MHz	QPSK	26915	1RB#14	24.20	20.74	PASS
Band26 (824-849)	3MHz	QPSK	26915	8RB#0	22.98	19.52	PASS
Band26 (824-849)	3MHz	QPSK	26915	8RB#4	23.04	19.58	PASS
Band26 (824-849)	3MHz	QPSK	26915	8RB#7	23.04	19.58	PASS
Band26 (824-849)	3MHz	QPSK	26915	15RB#0	23.02	19.56	PASS
Band26 (824-849)	3MHz	QPSK	27025	1RB#0	23.85	20.39	PASS
Band26 (824-849)	3MHz	QPSK	27025	1RB#8	23.81	20.35	PASS
Band26 (824-849)	3MHz	QPSK	27025	1RB#14	23.93	20.47	PASS
Band26 (824-849)	3MHz	QPSK	27025	8RB#0	22.80	19.34	PASS
Band26 (824-849)	3MHz	QPSK	27025	8RB#4	22.87	19.41	PASS
Band26 (824-849)	3MHz	QPSK	27025	8RB#7	22.78	19.32	PASS
Band26 (824-849)	3MHz	QPSK	27025	15RB#0	22.86	19.4	PASS
Band26 (824-849)	3MHz	16QAM	26805	1RB#0	22.81	19.35	PASS
Band26 (824-849)	3MHz	16QAM	26805	1RB#8	23.85	20.39	PASS
Band26 (824-849)	3MHz	16QAM	26805	1RB#14	22.80	19.34	PASS
Band26 (824-849)	3MHz	16QAM	26805	8RB#0	22.27	18.81	PASS
Band26 (824-849)	3MHz	16QAM	26805	8RB#4	22.07	18.61	PASS
Band26 (824-849)	3MHz	16QAM	26805	8RB#7	22.21	18.75	PASS
Band26 (824-849)	3MHz	16QAM	26805	15RB#0	22.14	18.68	PASS

Band26 (824-849)	3MHz	16QAM	26915	1RB#0	22.67	19.21	PASS
Band26 (824-849)	3MHz	16QAM	26915	1RB#8	23.65	20.19	PASS
Band26 (824-849)	3MHz	16QAM	26915	1RB#14	22.70	19.24	PASS
Band26 (824-849)	3MHz	16QAM	26915	8RB#0	22.07	18.61	PASS
Band26 (824-849)	3MHz	16QAM	26915	8RB#4	22.11	18.65	PASS
Band26 (824-849)	3MHz	16QAM	26915	8RB#7	22.12	18.66	PASS
Band26 (824-849)	3MHz	16QAM	26915	15RB#0	21.88	18.42	PASS
Band26 (824-849)	3MHz	16QAM	27025	1RB#0	23.35	19.89	PASS
Band26 (824-849)	3MHz	16QAM	27025	1RB#8	22.89	19.43	PASS
Band26 (824-849)	3MHz	16QAM	27025	1RB#14	23.25	19.79	PASS
Band26 (824-849)	3MHz	16QAM	27025	8RB#0	21.90	18.44	PASS
Band26 (824-849)	3MHz	16QAM	27025	8RB#4	21.88	18.42	PASS
Band26 (824-849)	3MHz	16QAM	27025	8RB#7	21.86	18.4	PASS
Band26 (824-849)	3MHz	16QAM	27025	15RB#0	21.85	18.39	PASS
Band26 (824-849)	5MHz	QPSK	26815	1RB#0	24.09	20.63	PASS
Band26 (824-849)	5MHz	QPSK	26815	1RB#12	23.98	20.52	PASS
Band26 (824-849)	5MHz	QPSK	26815	1RB#24	24.02	20.56	PASS
Band26 (824-849)	5MHz	QPSK	26815	12RB#0	23.11	19.65	PASS
Band26 (824-849)	5MHz	QPSK	26815	12RB#6	23.09	19.63	PASS
Band26 (824-849)	5MHz	QPSK	26815	12RB#13	23.15	19.69	PASS
Band26 (824-849)	5MHz	QPSK	26815	25RB#0	23.08	19.62	PASS
Band26 (824-849)	5MHz	QPSK	26915	1RB#0	23.98	20.52	PASS
Band26 (824-849)	5MHz	QPSK	26915	1RB#12	23.91	20.45	PASS
Band26 (824-849)	5MHz	QPSK	26915	1RB#24	23.91	20.45	PASS
Band26 (824-849)	5MHz	QPSK	26915	12RB#0	23.07	19.61	PASS
Band26 (824-849)	5MHz	QPSK	26915	12RB#6	23.08	19.62	PASS

Band26 (824-849)	5MHz	QPSK	26915	12RB#13	22.98	19.52	PASS
Band26 (824-849)	5MHz	QPSK	26915	25RB#0	22.96	19.5	PASS
Band26 (824-849)	5MHz	QPSK	27015	1RB#0	24.05	20.59	PASS
Band26 (824-849)	5MHz	QPSK	27015	1RB#12	24.00	20.54	PASS
Band26 (824-849)	5MHz	QPSK	27015	1RB#24	24.02	20.56	PASS
Band26 (824-849)	5MHz	QPSK	27015	12RB#0	22.84	19.38	PASS
Band26 (824-849)	5MHz	QPSK	27015	12RB#6	22.88	19.42	PASS
Band26 (824-849)	5MHz	QPSK	27015	12RB#13	22.79	19.33	PASS
Band26 (824-849)	5MHz	QPSK	27015	25RB#0	22.93	19.47	PASS
Band26 (824-849)	5MHz	16QAM	26815	1RB#0	22.47	19.01	PASS
Band26 (824-849)	5MHz	16QAM	26815	1RB#12	23.07	19.61	PASS
Band26 (824-849)	5MHz	16QAM	26815	1RB#24	22.37	18.91	PASS
Band26 (824-849)	5MHz	16QAM	26815	12RB#0	22.04	18.58	PASS
Band26 (824-849)	5MHz	16QAM	26815	12RB#6	22.03	18.57	PASS
Band26 (824-849)	5MHz	16QAM	26815	12RB#13	22.02	18.56	PASS
Band26 (824-849)	5MHz	16QAM	26815	25RB#0	22.14	18.68	PASS
Band26 (824-849)	5MHz	16QAM	26915	1RB#0	23.12	19.66	PASS
Band26 (824-849)	5MHz	16QAM	26915	1RB#12	23.62	20.16	PASS
Band26 (824-849)	5MHz	16QAM	26915	1RB#24	23.08	19.62	PASS
Band26 (824-849)	5MHz	16QAM	26915	12RB#0	22.07	18.61	PASS
Band26 (824-849)	5MHz	16QAM	26915	12RB#6	22.08	18.62	PASS
Band26 (824-849)	5MHz	16QAM	26915	12RB#13	22.10	18.64	PASS
Band26 (824-849)	5MHz	16QAM	26915	25RB#0	22.02	18.56	PASS
Band26 (824-849)	5MHz	16QAM	27015	1RB#0	22.63	19.17	PASS
Band26 (824-849)	5MHz	16QAM	27015	1RB#12	22.84	19.38	PASS
Band26 (824-849)	5MHz	16QAM	27015	1RB#24	22.63	19.17	PASS