

Prüfbericht-Nr.: Test report no.:	CN2069HI 003	Auftrags-Nr.: Order no.:	168281747	Seite 1 von 52 Page 1 of 52
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2020-09-10	
Auftraggeber: Client:	Shanghai ChargeDot New Energy Technology Co., Ltd 23Floor, No. 19 Building, No. 1515, Gumei Road, Xuhui District, Shanghai			
Prüfgegenstand: Test item:	Module: Bluetooth Module Host: Terra AC Wallbox Charging Station			
Bezeichnung / Typ-Nr.: Identification / Type no.:	Module: LSD1BT-STSHLZ02 Host: Terra AC W7-P8-R-C-0 Terra AC W7-P8-R-D-0 Terra AC W7-P8-R-CD-0 Terra AC W7-P8-RD-MD-0 Terra AC W7-P8-RD-MCD-0			
Auftrags-Inhalt: Order content:	Permissive Change report			
Prüfgrundlage: Test specification:	CFR47 FCC Part 2: Section 2.1091 CFR47 FCC Part 1: Section 1.1310 FCC KDB Publication 447498 v06, section 7 RSS-102 Issue 5 March 2015			
Wareneingangsdatum: Date of sample receipt:	2020-09-15			
Prüfmuster-Nr.: Test sample no.:	A002892512-001~005			
Prüfzeitraum: Testing period:	2020-09-15 - 2020-11-09			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	X <u>Jonathan Li</u>		genehmigt von: authorized by:	X <u>Sam Lin</u>
Datum: Date:	2020-11-09		Ausstellungsdatum: Issue date:	2020-11-09
Stellung / Position:	Jonathan Li / Project Manager		Stellung / Position:	Sam Lin / Technical Certifier
Sonstiges / Other:	The host contains four modules as below information: FCC ID: 2AWGLSD1BTSTSHLZ02 FCC ID: XMR201909EC25AFX FCC ID: 2ACSV-HF-LPT230 FCC ID: 2AWGLSD1NFST39NFC0 IC: 26407-1BTSTSHLZ02 IC: 10224A-2019EC25AFX IC: 12243A-HFLPT230 IC: 26407-1NFST39NFC0			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

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1. GENERAL REMARKS

1.1 COMPLEMENTARY MATERIALS

All attachments are integral parts of this test report. This applies especially to the following appendix: N/A

2. TEST SITES

2.1 TEST FACILITIES

TÜV Rheinland (Shenzhen) Co., Ltd.

Address: No. 362, Huanguan Road Middle, Longhua District, Shenzhen 518110, P.R. China

CNAS accreditation certification number: L3080

A2LA accreditation certification number: 5162.01

2.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Table 1: List of Test and Measurement Equipment

Description	Manufacturer	Model	Serial No.	Calibrated until (DD.MM.YYYY)
Radio Spectrum Testing				
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	166305	10.09.2021
Signal Analyzer	Rohde & Schwarz	FSV 40	101475	10.09.2021
Vector Signal Generator	Rohde & Schwarz	SMBV100A	263466	10.09.2021
Signal Generator	Rohde & Schwarz	SMB100A	181041	17.12.2020
High Speed Power Supply	KEITHLEY	2303	4080052	17.12.2020
RF Control Unit	Tonscend	JS0806-1	19H8060192	N/A

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Parameter	Uncertainty
RF Power (conducted)	±2.5 dB
Temperature	±1 °C
Humidity	±5 %
Voltage (DC)	±1 %
Voltage (AC, <10kHz)	±2 %

2.6 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 362 Huanguan Road Middle Longhua District, Shenzhen 518110 People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. GENERAL PRODUCT INFORMATION

3.1 GENERAL DESCRIPTION

The EUT is Terra AC Wallbox Charging Station which could contain RFID, Bluetooth, 2.4GHz Wi-Fi or 4G LTE module.

The above models are the similar in electrical characteristics, the differences lies on type designation and mechanical aspects as below:

Model	Wireless module	Display module (YES/NO)	Ethernet functionality (YES/NO)	Metering module (YES/NO)
Terra AC W7-P8-RD-MCD-0	RFID,BT,WIFI, 4G LTE module.	YES	YES	YES
Terra AC W7-P8-R-CD-0	RFID,BT,WIFI, 4G LTE module.	NO	YES	NO
Terra AC W7-P8-R-C-0	RFID,BT,WIFI, 4G LTE module.	NO	YES	NO
Terra AC W7-P8-RD-MD-0	RFID,BT,WIFI module.	YES	NO	YES
Terra AC W7-P8-R-D-0	RFID,BT,WIFI module.	NO	YES	NO

Compared with them, the model Terra AC W7-P8-RD-MCD-0 has the most components and functions. . Therefore, the tests were performed on the model Terra AC W7-P8-RD-MCD-0 as the worst case sample to demonstrate the rule compliance.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 TECHNICAL DATA

Table 2: Rating of EUT

General Information of EUT	Description
Kind of Equipment:	Terra AC Wallbox Charging Station
Type Designation:	Terra AC W7-P8-R-C-0 Terra AC W7-P8-R-D-0 Terra AC W7-P8-R-CD-0 Terra AC W7-P8-RD-MD-0 Terra AC W7-P8-RD-MCD-0
Trade Mark:	ABB
Application of Equipment:	Combined Radio Equipment
Operating Voltage:	Single phase 240 VAC
Operating Temperature Range:	-30°C ~ +50°C

Table 3: Technical Specification of EUT

Mechanical Data			
Dimensions (H x W x D)	110 x 195 x 320mm		
Electrical Data – Charging mode			
Input	Description		
Input voltage range	Single phase 240 VAC, maximum 264 VAC		
Output	Description		
Maximum output power	Max. 19 kW		
Output voltage range	110 - 240V AC		
connection type	Type 1 cable according to SAE J1772		
Environment Data			
Environmental	Description		
Installtion	Wall mounted		
Temperature range – Operation	-30 °C to +50 °C		
Wireless Access			
WCDMA ^{Note 1}	Band II, Band IV, Band V, data service only		
LTE ^{Note 1}	Band 2, Band 4, Band 5, Band 12, Band 13, Band 14, Band 66, Band 71, data service only		
2.4G Wi-Fi ^{Note 2}	2400~2483.5GHz		
Bluetooth ^{Note 3}	2400~2483.5GHz, BLE 5.0		
RFID ^{Note 4}	13.56 MHz		
Note 1: The certified module(EC25-AFX) Integrated in the device have been granted by FCC ID: XMR201909EC25AFX, IC: 10224A-2019EC25AFX.			
Note 2: The certified module(HF-LPT230) Integrated in the device have been granted by FCC ID: 2ACSV-HF-LPT230, IC: 12243A-HFLPT230.			
Note 3: The certified module(LSD1BT-STSHLZ02) Integrated in the device have been granted by FCC ID: 2AWGLSD1BTSTSHLZ02, C: 26407-1BTSTSHLZ02.			
Note 4: The certified module(LSD1NFST39NFC0) Integrated in the device have been granted by FCC ID: 2AWGLSD1NFST39NFC0, C: 26407-1NFST39NFC0			
Antenna informattion:			
Operation Mode	Antenna type	Antenna Gain (dBi)	Remark
Bluetooth(BLE)	PCB antenna	0.82	Same as the certified module
2.4G Wi-Fi	PCB antenna	-0.35	Same as the certified module
WCDMA Band II	Dipole Antenna	-2	
WCDMA Band VI	Dipole Antenna	-3	
WCDMA Band V	Dipole Antenna	-3	
LTE Band 2	Dipole Antenna	-2	
LTE Band 4	Dipole Antenna	-2.5	
LTE Band 5	Dipole Antenna	-3	
LTE Band 12	Dipole Antenna	-3	
LTE Band 13	Dipole Antenna	-3	
LTE Band 14	Dipole Antenna	-3	
LTE Band 66	Dipole Antenna	-2	
LTE Band 71	Dipole Antenna	-3	
RFID	PCB antenna	/	Same as the certified module

Table 4: WCDMA Operating Frequency Range and Channel Bandwidth

Frequency Band(s)	Frequency Range					Channel Bandwidth (MHz)	
	Transmitting f _{UL} (MHz)		Receiving f _{DL} (MHz)				
Band II	1850	~	1910	1930	~	1980	5
Band IV	1710	~	1755	2110	~	2155	5
Band V	824	~	849	869	~	894	5

Table 5: LTE Operating Frequency Range and Channel Bandwidth

Frequency Band(s)	Frequency Range						Channel Bandwidth (MHz)
	Transmitting f _{UL} (MHz)			Receiving f _{DL} (MHz)			
Band 2	1850	~	1910	1930	~	1980	1.4, 3, 5, 10, 15, 20
Band 4	1710	~	1755	2110	~	2155	1.4, 3, 5, 10, 15, 20
Band 5	824	~	849	869	~	894	1.4, 3, 5, 10
Band 12	699	~	716	729	~	746	1.4, 3, 5, 10
Band 13	777	~	787	746	~	756	5, 10
Band 14	788	~	798	758	~	768	5, 10
Band 66	1710	~	1780	2110	~	2200	1.4, 3, 5, 10, 15, 20
Band 71	663	~	698	617	~	652	5, 10, 15, 20

Table 6: List of Radio Frequency Channel, 802.11 b/g/n 20M bandwidth

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2412.00	5	2432.00	9	2452.00
2	2417.00	6	2437.00	10	2457.00
3	2422.00	7	2442.00	11	2462.00
4	2427.00	8	2447.00	--	--

Table 7: List of Radio Frequency Channel, 802.11 n 40M bandwidth

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
--	--	5	2432.00	9	2452.00
--	--	6	2437.00	--	--
3	2422.00	7	2442.00	--	--
4	2427.00	8	2447.00	--	--

Table 8: RF Channel and Frequency of Bluetooth Low Energy

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	2402.00	10	2422.00	20	2442.00	30	2462.00
01	2404.00	11	2424.00	21	2444.00	31	2464.00
02	2406.00	12	2426.00	22	2446.00	32	2466.00
03	2408.00	13	2428.00	23	2448.00	33	2468.00
04	2410.00	14	2430.00	24	2450.00	34	2470.00
05	2412.00	15	2432.00	25	2452.00	35	2472.00

06	2414.00	16	2434.00	26	2454.00	36	2474.00
07	2416.00	17	2436.00	27	2456.00	37	2476.00
08	2418.00	18	2438.00	28	2458.00	38	2478.00
09	2420.00	19	2440.00	29	2460.00	39	2480.00

3.3 INDEPENDENT OPERATION MODES

The basic operation modes are:

- A. On, communication link established, Transmitting
 - 1) WCDMA operating
 - i. Low channel
 - ii. Middle channel
 - iii. High channel
 - 2) LTE operating
 - i. Low channel
 - ii. Middle channel
 - iii. High channel
- B. On, communication link established
 - 1) 2.4G Wi-Fi operating
 - i. Low channel
 - ii. Middle channel
 - iii. High channel
- C. On, communication link established
 - 1) Bluetooth operating
 - i. Low channel
 - ii. Middle channel
 - iii. High channel
- D. On, communication link established
 - 1) RFID operating
- E. Idle
- F. Off

3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS

Refer to the Circuit Diagram.

3.5 SUBMITTED DOCUMENTS

- | | |
|---|--|
| ☒ User Manual | ☒ Rating Label |
| ☒ Circuit Diagram | ☒ PCB Layout |
| ☒ Block Diagram | ☒ Photo Document |
| ☒ Schematics | ☒ Parts List |
| ☒ Model Difference Letter | |

4. TEST SET-UP AND OPERATION MODES

4.1 PRINCIPLE OF CONFIGURATION SELECTION

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 TEST OPERATION AND TEST SOFTWARE

Test operation refers to test setup in chapter 5.

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10: 2013 , ANSI C63.4: 2014 and ANSI C63.26: 2015 .

According to clause 3.1, all tests were performed on model Terra AC W7-P8-RD-MCD-0 in this report.

4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT

Table 9: Cables used during test

Port	Quantity	Length (m)	Connector	Type of Cable
Laptop	Lenovo	T480	PF-16A6N8	N/A

Table 10: Auxiliary Equipment used during test

Name	Model	Manufacturer	S/N
--	--	--	--

4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

5. TEST RESULTS

1. Safety Human Exposure

a. Radio Frequency Exposure Compliance

i. Electromagnetic Fields

RESULT:
Pass
Test Specification

Test standard

: CFR47 FCC Part 2: Section 2.1091
CFR47 FCC Part 1: Section 1.1310
FCC KDB Publication 447498 v06, section 7
RSS-102 Issue 5 March 2015

➤ **FCC requirements**

FCC requirement: Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 20cm normally can be maintained between the user and the device.

Below sets forth limits for Maximum Permissible Exposure (MPE) to radiofrequency electromagnetic fields according to FCC Part 1.1310.

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

Simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios for all simultaneously transmitting antennas incorporated in a host device is ≤ 1.0, according to calculated/estimated, numerically modeled, or measured field strengths or power density. The MPE ratio of each antenna is determined at the minimum test separation distance required by the operating

configurations and exposure conditions of the host device, according to the ratio of field strengths or power density to the MPE limit at the test frequency.

MPE Calculation Method according to KDB 447498 v06

Power Density: $S_{(mW/cm^2)} = PG/4\pi R^2$ or $EIRP/4\pi R^2$

Where:

S = power density (mW/cm²)

P = power input to the antenna (mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (cm)

➤ **IC requirements:** The EUT shall comply with the requirement of RSS-102.

Exemption from Routine Evaluation Limits – RF Exposure Evaluation

RF exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm, except when the device operates as follows:

- below 20 MHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than 1 W (adjusted for tune-up tolerance);
- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz;

RF Field Strength Limits for Devices Used by the General Public ((Uncontrolled Environment))

Frequency Range (MHz)	Electric Field (V/m rms)	Magnetic Field (A/m rms)	Power Density (W/m ²)	Reference Period (minutes)
0.003-10 ⁻²¹	83	90	-	Instantaneous*
0.1-10	-	$0.73/f$	-	6**
1.1-10	$87/f^{0.5}$	-	-	6**
10-20	27.46	0.0728	2	6
20-48	$58.07/f^{0.25}$	$0.1540/f^{0.25}$	$8.944/f^{0.5}$	6
48-300	22.06	0.05852	1.291	6
300-6000	$3.142 f^{0.3417}$	$0.008335 f^{0.3417}$	$0.02619 f^{0.6834}$	6
6000-15000	61.4	0.163	10	6
15000-150000	61.4	0.163	10	$616000/f^{1.2}$
150000-300000	$0.158 f^{0.5}$	$4.21 \times 10^{-4} f^{0.5}$	$6.67 \times 10^{-5} f$	$616000/f^{1.2}$
Note: f is frequency in MHz. *Based on nerve stimulation (NS). ** Based on specific absorption rate (SAR).				

a) RF output power of standalone operations for the device

Bluetooth (BLE)

Band	Bluetooth(LE-GFSK)		
Channel	0	19	39
Frequency	2402	2440	2480
Peak.Power	6.59	6.41	6.46

2.4G Wi-Fi

2.4GHz Wi-Fi	Mode	802.11b			802.11g		
	Data Rate	1Mbps			6Mbps		
	Channel	1	6	11	1	6	11
	Frequency	2412	2437	2462	2412	2437	2462
	Peak. Power	11.75	11.56	11.69	12.72	12.74	13.05
	Mode	802.11n HT20			802.11n HT40		
	Data Rate	MCS0 6.5Mbps			MCS0 13.5Mbps		
	Channel	1	6	11	3	6	9
	Frequency	2412	2437	2462	2422	2437	2452
	Peak. Power	11.53	11.81	11.85	10.94	11.05	11.07

WCDMA

Band	Channel	Power(dBm)	Verdict
Band2	9262	23.48	PASS
Band2	9400	23.33	PASS
Band2	9538	23.31	PASS
Band4	1312	23.02	PASS
Band4	1413	23.17	PASS
Band4	1513	22.99	PASS
Band5	4132	23.02	PASS
Band5	4182	23.02	PASS
Band5	4233	23.13	PASS

LTE Band

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.10	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.18	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.10	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.01	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.17	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.92	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.10	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.74	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.02	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.84	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.75	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.62	PASS

Band2	1.4MHz	QPSK	18900	3RB#0	22.77	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.79	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.73	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.85	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.80	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.76	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.83	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.80	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.10	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.38	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.27	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.87	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.83	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.83	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.15	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.85	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.95	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.52	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.52	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.63	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.89	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.56	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.59	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.57	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.89	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.84	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.70	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.84	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.02	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.93	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.83	PASS

Band2	3MHz	QPSK	18615	15RB#0	21.92	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.52	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.62	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.50	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.49	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.48	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.58	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.53	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.93	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.60	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.84	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.81	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.90	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.81	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.71	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.90	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.73	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.61	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.89	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.30	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.78	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.91	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.51	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.47	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.69	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.73	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.70	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.69	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.53	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.93	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.54	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.88	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.99	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.72	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.82	PASS

Band2	5MHz	QPSK	18625	1RB#24	22.83	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.66	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.79	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.68	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.78	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.87	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.86	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.67	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.56	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.52	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.53	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.53	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.63	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.52	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.68	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.84	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.73	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.78	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.75	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.75	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.76	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.93	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.79	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.36	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.74	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.74	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.92	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.03	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.46	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.51	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.45	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.60	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.41	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.60	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.61	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.74	PASS

Band2	5MHz	16QAM	19175	1RB#24	21.43	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.89	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.84	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.77	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.83	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.97	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.69	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.18	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.82	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.88	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.08	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.88	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.02	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.78	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.82	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.55	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.70	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.70	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.61	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.54	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.66	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.75	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.67	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.78	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.80	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.71	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.88	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.83	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.39	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.88	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.91	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.01	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.92	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.98	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.59	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.57	PASS

Band2	10MHz	16QAM	18900	1RB#49	21.51	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.90	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.79	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.79	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.64	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.90	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.98	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.70	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.91	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.92	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.93	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.92	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.67	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.72	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.90	PASS
Band2	15MHz	QPSK	18675	36RB#39	21.81	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.11	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.01	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.92	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.44	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.62	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.70	PASS
Band2	15MHz	QPSK	18900	36RB#0	21.59	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.59	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.73	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.61	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.56	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.62	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.77	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.86	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.79	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.88	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.82	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.78	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.91	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.80	PASS

Band2	15MHz	16QAM	18675	36RB#39	20.90	PASS
Band2	15MHz	16QAM	18675	36RB#18	20.97	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.17	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.05	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.81	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.60	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.70	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.57	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.57	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.80	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.76	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.84	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.89	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.73	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.94	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.03	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.02	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.82	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.68	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.71	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.04	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.91	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.06	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.93	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.79	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.79	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.55	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.68	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.73	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.76	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.64	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.85	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.02	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.80	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.76	PASS

Band2	20MHz	QPSK	19100	50RB#25	21.81	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.80	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.84	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.97	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.84	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.62	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.10	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.99	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.11	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.98	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.58	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.95	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.60	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.83	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.80	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.84	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.70	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.29	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.16	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.25	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.91	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.92	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.77	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.93	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.24	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.43	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.51	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.27	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.26	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.28	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.39	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.46	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.46	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.39	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.47	PASS

Band4	1.4MHz	QPSK	20175	3RB#3	22.40	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.46	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.66	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.48	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.56	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.45	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.47	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.43	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.06	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.06	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.77	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.42	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.41	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.59	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.47	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.08	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.35	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.12	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.34	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.68	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.75	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.76	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.18	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.28	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.38	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.28	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.19	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.31	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.39	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.32	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.23	PASS

Band4	3MHz	QPSK	19965	15RB#0	21.40	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.56	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.64	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.58	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.49	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.50	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.45	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.49	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.56	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.51	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.39	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.32	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.32	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.42	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.36	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.98	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.44	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.06	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.34	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.39	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.40	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.38	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.17	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.47	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.37	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.58	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.55	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.62	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.49	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.64	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.51	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.56	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.32	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.32	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.78	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.46	PASS

Band4	5MHz	QPSK	19975	1RB#0	22.19	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.40	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.40	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.24	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.24	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.35	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.35	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.52	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.42	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.51	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.29	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.34	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.29	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.36	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.77	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.65	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.63	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.48	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.41	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.56	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.42	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.88	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.29	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.29	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.32	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.21	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.22	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.42	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.46	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.46	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.36	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.42	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.52	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.47	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.40	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.42	PASS

Band4	5MHz	16QAM	20375	1RB#12	21.43	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.61	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.55	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.52	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.53	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.68	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.35	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.35	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.24	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.42	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.37	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.41	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.39	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.20	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.47	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.31	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.40	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.42	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.34	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.29	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.37	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.41	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.38	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.38	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.47	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.36	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.60	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.22	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.48	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.44	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.54	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.41	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.44	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.08	PASS

Band4	10MHz	16QAM	20175	1RB#24	21.33	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.49	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.52	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.40	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.44	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.40	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.45	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.47	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.52	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.32	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.31	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.46	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.39	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.19	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.20	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.31	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.30	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.35	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.26	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.33	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.19	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.26	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.33	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.31	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.27	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.35	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.31	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.34	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.40	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.42	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.42	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.36	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.18	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.30	PASS

Band4	15MHz	16QAM	20025	36RB#0	20.36	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.35	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.36	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.38	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.34	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.24	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.35	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.40	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.39	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.40	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.32	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.31	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.40	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.46	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.31	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.39	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.37	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.47	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.21	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.18	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.57	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.40	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.34	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.39	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.43	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.70	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.20	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.28	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.33	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.24	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.35	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.53	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.51	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.73	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.47	PASS

Band4	20MHz	QPSK	20300	50RB#0	21.48	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.36	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.45	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.53	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.32	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.26	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.55	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.34	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.39	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.43	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.38	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.66	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.35	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.40	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.46	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.36	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.32	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.49	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.69	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.41	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.54	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.55	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.44	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.42	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.46	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.80	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.47	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.57	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.53	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.63	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.46	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.32	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.44	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.49	PASS

Band5	1.4MHz	QPSK	20525	3RB#0	23.63	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.68	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.67	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.49	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.48	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.69	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.58	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.63	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.56	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.49	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.60	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.68	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.55	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.33	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.30	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.28	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.58	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.77	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.90	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.59	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.18	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.39	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.40	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.58	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.49	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.14	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.34	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.53	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.50	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.48	PASS

Band5	3MHz	QPSK	20415	15RB#0	22.51	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.34	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.43	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.33	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.50	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.64	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.63	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.64	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.49	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.33	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.62	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.62	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.62	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.28	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.50	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.54	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.62	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.58	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.58	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.56	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.32	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.31	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.63	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.57	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.71	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.53	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.52	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.50	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.73	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.69	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.76	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.66	PASS

Band5	5MHz	QPSK	20425	1RB#24	23.62	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.51	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.56	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.58	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.58	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.68	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.44	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.51	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.44	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.47	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.60	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.71	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.62	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.74	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.55	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.51	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.59	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.67	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.71	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.64	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.59	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.54	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.54	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.62	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.55	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.66	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.50	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.40	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.51	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.51	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.65	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.52	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.60	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.61	PASS

Band5	5MHz	16QAM	20625	1RB#24	22.54	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.59	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.64	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.52	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.73	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.59	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.51	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.49	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.78	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.70	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.70	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.69	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.66	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.72	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.53	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.80	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.69	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.80	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.68	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.64	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.92	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.42	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.73	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.71	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.74	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.55	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.49	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.38	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.72	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.73	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.44	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.64	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.55	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.74	PASS

Band5	10MHz	16QAM	20525	1RB#24	22.63	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.64	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.73	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.72	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.73	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.81	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.58	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.80	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.59	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.74	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.77	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.64	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	23.10	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.35	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.03	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.14	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.06	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.19	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.06	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.12	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.02	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.28	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.11	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.23	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.44	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.55	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.99	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.06	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.14	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.90	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.30	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.29	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.25	PASS

Band12	1.4MHz	16QAM	23017	3RB#3	22.09	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.05	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.17	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.93	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.80	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.14	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.16	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.22	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.06	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.21	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.56	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.29	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.69	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.87	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.95	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.32	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.11	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.97	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.03	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.24	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.15	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.13	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.13	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.09	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.91	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.90	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.34	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.02	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.32	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.14	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.39	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.32	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.03	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.24	PASS

Band12	3MHz	QPSK	23165	8RB#4	22.34	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.27	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.19	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.04	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.18	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.37	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.28	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.08	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.31	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.14	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.92	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.12	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.96	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.02	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.24	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.41	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.15	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.14	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.41	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.13	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.53	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.32	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.44	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.29	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.11	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.30	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.09	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.10	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.09	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.20	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.04	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.01	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.13	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.15	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.15	PASS

Band12	5MHz	QPSK	23095	12RB#13	22.08	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.12	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.17	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.13	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.06	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.13	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.20	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.14	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.12	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.18	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.13	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.02	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.27	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.11	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.19	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.15	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.52	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.10	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.09	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.23	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.96	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.14	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.11	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.18	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.03	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.18	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.14	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.21	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.10	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.93	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.82	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.78	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.23	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.03	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.02	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.09	PASS

Band12	10MHz	QPSK	23060	50RB#0	22.01	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.81	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.97	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.95	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.93	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.24	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.16	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.00	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.18	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.12	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.97	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.06	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.12	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.98	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.11	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.03	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.88	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.45	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.16	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.09	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.99	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.09	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.93	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.38	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.88	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.22	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.01	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.12	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.17	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.11	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.98	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.94	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.18	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.23	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.09	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.26	PASS

Band13	5MHz	QPSK	23205	1RB#0	23.89	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.25	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.96	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.15	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.18	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.17	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.07	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.98	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.09	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.10	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.15	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.16	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.15	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.11	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.13	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.84	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.10	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.14	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.14	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.00	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.09	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.00	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.21	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.14	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.19	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.30	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.11	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.11	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.06	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.94	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.10	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.25	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.15	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.05	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.12	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.01	PASS

Band13	5MHz	16QAM	23255	1RB#12	22.87	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.92	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.99	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.13	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.12	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.07	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.08	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.86	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.00	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.14	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.09	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.10	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.16	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.04	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.93	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.20	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.13	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.14	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.18	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.21	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.79	PASS
Band14	5MHz	QPSK	23305	1RB#0	23.71	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.99	PASS
Band14	5MHz	QPSK	23305	12RB#0	22.90	PASS
Band14	5MHz	QPSK	23305	12RB#13	22.90	PASS
Band14	5MHz	QPSK	23305	12RB#6	22.89	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.82	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.74	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.91	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.91	PASS
Band14	5MHz	QPSK	23330	12RB#0	22.86	PASS
Band14	5MHz	QPSK	23330	12RB#13	22.81	PASS
Band14	5MHz	QPSK	23330	12RB#6	22.85	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.87	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.66	PASS
Band14	5MHz	QPSK	23355	1RB#0	24.06	PASS

Band14	5MHz	QPSK	23355	1RB#12	23.89	PASS
Band14	5MHz	QPSK	23355	12RB#13	22.67	PASS
Band14	5MHz	QPSK	23355	12RB#0	22.87	PASS
Band14	5MHz	QPSK	23355	12RB#6	22.79	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.80	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.80	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.84	PASS
Band14	5MHz	16QAM	23305	12RB#0	21.86	PASS
Band14	5MHz	16QAM	23305	12RB#13	21.88	PASS
Band14	5MHz	16QAM	23305	12RB#6	21.86	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.91	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.79	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.95	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.54	PASS
Band14	5MHz	16QAM	23330	12RB#6	21.76	PASS
Band14	5MHz	16QAM	23330	12RB#0	21.92	PASS
Band14	5MHz	16QAM	23330	12RB#13	21.73	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.87	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.84	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.68	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.83	PASS
Band14	5MHz	16QAM	23355	12RB#0	21.76	PASS
Band14	5MHz	16QAM	23355	12RB#13	21.75	PASS
Band14	5MHz	16QAM	23355	12RB#6	21.86	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.69	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.47	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.86	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.48	PASS
Band14	10MHz	QPSK	23330	25RB#0	22.92	PASS
Band14	10MHz	QPSK	23330	25RB#12	22.81	PASS
Band14	10MHz	QPSK	23330	25RB#25	22.80	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.87	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.58	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.72	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.97	PASS

Band14	10MHz	16QAM	23330	25RB#0	21.77	PASS
Band14	10MHz	16QAM	23330	25RB#25	21.59	PASS
Band14	10MHz	16QAM	23330	25RB#12	21.94	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.83	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.79	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	22.72	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.80	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.54	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.54	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.56	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.59	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.91	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.83	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.75	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.84	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.84	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	22.76	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.72	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.62	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.59	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.92	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.80	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.69	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.52	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.69	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.73	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.84	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.70	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.40	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.43	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.45	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.75	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.80	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.70	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.94	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	21.64	PASS

Band66	1.4MHz	16QAM	132322	3RB#1	21.55	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	21.50	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.89	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.67	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.65	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.89	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	21.43	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.36	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.36	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.80	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.48	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.51	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.67	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.61	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.52	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.58	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.50	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.72	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.80	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.64	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.80	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.65	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.71	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.69	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.62	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.76	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.61	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.69	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.81	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.65	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.64	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.65	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.69	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.46	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.49	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.65	PASS

Band66	3MHz	16QAM	131987	8RB#4	20.39	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.57	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.77	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.72	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.44	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.91	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.93	PASS
Band66	3MHz	16QAM	132322	8RB#7	20.90	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.68	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.46	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.67	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.90	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.61	PASS
Band66	3MHz	16QAM	132657	8RB#7	20.90	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.62	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.93	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.51	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.56	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.60	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.52	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.48	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.48	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.42	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.75	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.67	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.60	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.69	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.70	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.77	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.58	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.61	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.61	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.68	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.72	PASS
Band66	5MHz	QPSK	132647	12RB#13	21.70	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.81	PASS

Band66	5MHz	QPSK	132647	25RB#0	21.75	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.40	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.53	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.49	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.65	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.54	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.52	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.63	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.64	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.59	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.39	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.74	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.71	PASS
Band66	5MHz	16QAM	132322	12RB#0	20.84	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.66	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.67	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.73	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.50	PASS
Band66	5MHz	16QAM	132647	12RB#13	20.78	PASS
Band66	5MHz	16QAM	132647	12RB#6	20.79	PASS
Band66	5MHz	16QAM	132647	12RB#0	20.88	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.85	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.56	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.48	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.51	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.64	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.64	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.56	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.66	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.86	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.70	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.62	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.86	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.69	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.94	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.67	PASS

Band66	10MHz	QPSK	132622	1RB#0	22.54	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.46	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.62	PASS
Band66	10MHz	QPSK	132622	25RB#25	21.78	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.83	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.73	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.72	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.47	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.74	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.60	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.50	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.66	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.58	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.78	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.62	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.81	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.80	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.64	PASS
Band66	10MHz	16QAM	132322	25RB#12	20.88	PASS
Band66	10MHz	16QAM	132322	25RB#0	20.99	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.73	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.54	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.64	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.02	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.76	PASS
Band66	10MHz	16QAM	132622	25RB#12	20.77	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.74	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.90	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.24	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.66	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.44	PASS
Band66	15MHz	QPSK	132047	36RB#0	21.64	PASS
Band66	15MHz	QPSK	132047	36RB#18	21.59	PASS
Band66	15MHz	QPSK	132047	36RB#39	21.54	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.55	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.65	PASS

Band66	15MHz	QPSK	132322	1RB#38	22.70	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.23	PASS
Band66	15MHz	QPSK	132322	36RB#0	21.76	PASS
Band66	15MHz	QPSK	132322	36RB#18	21.84	PASS
Band66	15MHz	QPSK	132322	36RB#39	21.65	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.68	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.36	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.57	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.75	PASS
Band66	15MHz	QPSK	132597	36RB#0	21.78	PASS
Band66	15MHz	QPSK	132597	36RB#18	21.86	PASS
Band66	15MHz	QPSK	132597	36RB#39	21.75	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.67	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.70	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.17	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.51	PASS
Band66	15MHz	16QAM	132047	36RB#0	20.68	PASS
Band66	15MHz	16QAM	132047	36RB#39	20.59	PASS
Band66	15MHz	16QAM	132047	36RB#18	20.53	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.57	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.70	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.68	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.52	PASS
Band66	15MHz	16QAM	132322	36RB#18	20.90	PASS
Band66	15MHz	16QAM	132322	36RB#0	20.91	PASS
Band66	15MHz	16QAM	132322	36RB#39	20.66	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.73	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.57	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.65	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.87	PASS
Band66	15MHz	16QAM	132597	36RB#39	20.74	PASS
Band66	15MHz	16QAM	132597	36RB#18	20.88	PASS
Band66	15MHz	16QAM	132597	36RB#0	20.94	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.73	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.87	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.50	PASS

Band66	20MHz	QPSK	132072	1RB#0	22.52	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.55	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.64	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.63	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.64	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.72	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.59	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.12	PASS
Band66	20MHz	QPSK	132322	50RB#25	21.93	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.82	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.81	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.67	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.66	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.98	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.47	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.83	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.74	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.66	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.71	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.76	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.55	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.54	PASS
Band66	20MHz	16QAM	132072	50RB#0	20.70	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.69	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.71	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.69	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.70	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.81	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.79	PASS
Band66	20MHz	16QAM	132322	50RB#25	20.99	PASS
Band66	20MHz	16QAM	132322	50RB#50	20.88	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.74	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.62	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.07	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.70	PASS

Band66	20MHz	16QAM	132572	50RB#25	20.82	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.85	PASS
Band66	20MHz	16QAM	132572	50RB#0	20.83	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.79	PASS
Band71	5MHz	QPSK	133147	1RB#0	23.29	PASS
Band71	5MHz	QPSK	133147	1RB#13	23.25	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.29	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.26	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.28	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.33	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.24	PASS
Band71	5MHz	QPSK	133297	1RB#13	23.19	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.22	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.33	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.12	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.25	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.24	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.20	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.28	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.34	PASS
Band71	5MHz	QPSK	133447	1RB#13	23.51	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.31	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.30	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.31	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.32	PASS
Band71	5MHz	16QAM	133147	1RB#13	22.36	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.22	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.01	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.38	PASS
Band71	5MHz	16QAM	133147	12RB#0	21.34	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.38	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.50	PASS
Band71	5MHz	16QAM	133297	1RB#13	22.19	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.13	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.28	PASS
Band71	5MHz	16QAM	133297	12RB#13	21.23	PASS

Band71	5MHz	16QAM	133297	12RB#6	21.18	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.31	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.38	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.15	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.12	PASS
Band71	5MHz	16QAM	133447	1RB#13	22.27	PASS
Band71	5MHz	16QAM	133447	12RB#0	21.24	PASS
Band71	5MHz	16QAM	133447	12RB#6	21.35	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.44	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.37	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.19	PASS
Band71	10MHz	QPSK	133172	1RB#25	23.31	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.09	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.40	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.35	PASS
Band71	10MHz	QPSK	133172	25RB#13	22.42	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.20	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.16	PASS
Band71	10MHz	QPSK	133297	1RB#25	23.24	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.26	PASS
Band71	10MHz	QPSK	133297	25RB#13	22.38	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.51	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.30	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.24	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.19	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.24	PASS
Band71	10MHz	QPSK	133422	1RB#25	23.51	PASS
Band71	10MHz	QPSK	133422	25RB#13	22.44	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.47	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.44	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.37	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.20	PASS
Band71	10MHz	16QAM	133172	1RB#25	22.41	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.28	PASS
Band71	10MHz	16QAM	133172	25RB#25	21.35	PASS
Band71	10MHz	16QAM	133172	25RB#13	21.43	PASS

Band71	10MHz	16QAM	133172	25RB#0	21.30	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.36	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.26	PASS
Band71	10MHz	16QAM	133297	1RB#25	22.43	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.17	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.25	PASS
Band71	10MHz	16QAM	133297	25RB#13	21.52	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.46	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.51	PASS
Band71	10MHz	16QAM	133422	1RB#25	22.55	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.18	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.28	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.52	PASS
Band71	10MHz	16QAM	133422	25RB#13	21.52	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.56	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.46	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.20	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.12	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.05	PASS
Band71	15MHz	QPSK	133197	36RB#39	22.27	PASS
Band71	15MHz	QPSK	133197	36RB#0	22.31	PASS
Band71	15MHz	QPSK	133197	36RB#18	22.30	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.32	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.13	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.01	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.31	PASS
Band71	15MHz	QPSK	133297	36RB#18	22.29	PASS
Band71	15MHz	QPSK	133297	36RB#0	22.30	PASS
Band71	15MHz	QPSK	133297	36RB#39	22.41	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.29	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.16	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.00	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.21	PASS
Band71	15MHz	QPSK	133397	36RB#18	22.29	PASS
Band71	15MHz	QPSK	133397	36RB#39	22.37	PASS
Band71	15MHz	QPSK	133397	36RB#0	22.37	PASS

Band71	15MHz	QPSK	133397	75RB#0	22.32	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.33	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.27	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.31	PASS
Band71	15MHz	16QAM	133197	36RB#39	21.38	PASS
Band71	15MHz	16QAM	133197	36RB#18	21.25	PASS
Band71	15MHz	16QAM	133197	36RB#0	21.26	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.35	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.21	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.21	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.41	PASS
Band71	15MHz	16QAM	133297	36RB#39	21.29	PASS
Band71	15MHz	16QAM	133297	36RB#0	21.37	PASS
Band71	15MHz	16QAM	133297	36RB#18	21.27	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.34	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.24	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.42	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.97	PASS
Band71	15MHz	16QAM	133397	36RB#39	21.58	PASS
Band71	15MHz	16QAM	133397	36RB#0	21.50	PASS
Band71	15MHz	16QAM	133397	36RB#18	21.33	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.40	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.12	PASS
Band71	20MHz	QPSK	133222	1RB#50	23.29	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.13	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.40	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.37	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.41	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.39	PASS
Band71	20MHz	QPSK	133297	1RB#99	23.06	PASS
Band71	20MHz	QPSK	133297	1RB#50	23.33	PASS
Band71	20MHz	QPSK	133297	1RB#0	23.10	PASS
Band71	20MHz	QPSK	133297	50RB#50	22.46	PASS
Band71	20MHz	QPSK	133297	50RB#25	22.35	PASS
Band71	20MHz	QPSK	133297	50RB#0	22.36	PASS
Band71	20MHz	QPSK	133297	100RB#0	22.27	PASS

Band71	20MHz	QPSK	133372	1RB#0	23.22	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.11	PASS
Band71	20MHz	QPSK	133372	1RB#50	23.26	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.23	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.17	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.28	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.29	PASS
Band71	20MHz	16QAM	133222	1RB#50	22.63	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.49	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.25	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.57	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.46	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.55	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.48	PASS
Band71	20MHz	16QAM	133297	1RB#50	22.66	PASS
Band71	20MHz	16QAM	133297	1RB#99	22.30	PASS
Band71	20MHz	16QAM	133297	1RB#0	22.16	PASS
Band71	20MHz	16QAM	133297	50RB#50	21.53	PASS
Band71	20MHz	16QAM	133297	50RB#25	21.50	PASS
Band71	20MHz	16QAM	133297	50RB#0	21.43	PASS
Band71	20MHz	16QAM	133297	100RB#0	21.33	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.68	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.70	PASS
Band71	20MHz	16QAM	133372	1RB#50	22.65	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.19	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.26	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.31	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.36	PASS

RFID

Frequency (MHz)	EIRP (dBuV/m)	EIRP (dBm)
13.56	46.35	-48.85

b) EUT RF Exposure Evaluation standalone operations

FCC RF Exposure Evaluation

Test Mode	Maximum Output Power		Antenna Gain (dBi)	Maximum e.i.r.p		$S_{(mW/cm^2)} = \frac{PG}{4\pi R^2}$	Limit (mW/cm^2)
	(dBm)	(mW)		(dBm)	(mW)		
Bluetooth(BLE)	8.0	6.31	0.82	8.82	7.62	0.00152	1.000
2.4G Wi-Fi	16.0	39.81	-0.35	15.65	36.73	0.00731	1.000
WCDMA Band II	25.0	316.23	-2	23	199.53	0.03971	1.000
WCDMA Band VI	25.0	316.23	-3	22	158.49	0.03155	1.000
WCDMA Band V	25.0	316.23	-3	22	158.49	0.03155	0.550
LTE Band 2	25.0	316.23	-2	23	199.53	0.03971	1.000
LTE Band 4	25.0	316.23	-2.5	22.5	177.83	0.03540	1.000
LTE Band 5	25.0	316.23	-3	22	158.49	0.03155	0.550
LTE Band 12	25.0	316.23	-3	22	158.49	0.03155	0.470
LTE Band 13	25.0	316.23	-3	22	158.49	0.03155	0.520
LTE Band 14	25.0	316.23	-3	22	158.49	0.03155	0.530
LTE Band 66	25.0	316.23	-2	23	199.53	0.03971	1.000
LTE Band 71	25.0	316.23	-3	22	158.49	0.03155	0.450
RFID	/	/	/	-48.85	0	0.00000	0.979

IC RF Exposure Evaluation

Test Mode	Maximum Output Power		Antenna Gain (dBi)	Maximum e.i.r.p		$S_{(W/m^2)} = \frac{PG}{4\pi R^2}$	Limit (W/m^2)
	(dBm)	(mW)		(dBm)	(mW)		
Bluetooth(BLE)	8.0	6.31	0.82	8.82	7.62	0.0152	5.348
2.4G Wi-Fi	16.0	39.81	-0.35	15.65	36.73	0.0731	5.348
WCDMA Band II	25.0	316.23	-2	23	199.53	0.3971	4.476
WCDMA Band VI	25.0	316.23	-3	22	158.49	0.3155	4.242
WCDMA Band V	25.0	316.23	-3	22	158.49	0.3155	2.576
LTE Band 2	25.0	316.23	-2	23	199.53	0.3971	4.476
LTE Band 4	25.0	316.23	-2.5	22.5	177.83	0.3540	4.242
LTE Band 5	25.0	316.23	-3	22	158.49	0.3155	2.576
LTE Band 12	25.0	316.23	-3	22	158.49	0.3155	2.301
LTE Band 13	25.0	316.23	-3	22	158.49	0.3155	2.474
LTE Band 14	25.0	316.23	-3	22	158.49	0.3155	2.498
LTE Band 66	25.0	316.23	-2	23	199.53	0.3971	4.242
LTE Band 71	25.0	316.23	-3	22	158.49	0.3155	2.220
RFID	/	/	/	-48.85	0	0.00000	2

NOTE1: The Maximum peak output power (dBm) of Bluetooth (BLE) is inducted from certified module (LSD1BT-STSHLZ02) granted by FCC ID: 2AWGLSD1BTSTSHLZ02, IC: 26407-1BTSTSHLZ02.

NOTE2: The Maximum peak output power (dBm) of 2.4G Wi-Fi is inducted from certified module (HF-LPT230) granted by FCC ID: 2ACSV-HF-LPT230, IC: 12243A-HFLPT230.

NOTE3: The Maximum peak output power (dBm) of 4G module is inducted from certified module ((EC25-AFX) granted by FCC ID: XMR201909EC25AFX, IC: 10224A-2019EC25AFX.

c) EUT RF Exposure Evaluation simultaneous transmission operations

FCC RF Exposure Evaluation

Simultaneous transmission mode	MPE ratios	Limit	Result
Bluetooth+Wi-Fi+RFID+WCDMA Band II	0.04854	≤ 1.0	Pass

Bluetooth+Wi-Fi+RFID+WCDMA Band VI	0.04037	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+WCDMA Band V	0.06618	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 2	0.04854	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 4	0.04422	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 5	0.06618	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 12	0.07594	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 13	0.06949	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 14	0.06835	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 66	0.04854	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 71	0.07893	≤ 1.0	Pass

IC RF Exposure Evaluation

Simultaneous transmission mode	MPE ratios	Limit	Result
Bluetooth+Wi-Fi+RFID+WCDMA Band II	0.1052	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+WCDMA Band VI	0.0909	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+WCDMA Band V	0.1390	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 2	0.1052	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 4	0.1000	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 5	0.1390	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 12	0.1536	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 13	0.1440	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 14	0.1428	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 66	0.1101	≤ 1.0	Pass
Bluetooth+Wi-Fi+RFID+LTE Band 71	0.1586	≤ 1.0	Pass

“RF Radiation Exposure Statement Caution: This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons.”

===== END OF REPORT =====