Compliance Laboratory
Shenzhen Most Technology Service Co., Ltd.
No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.

TEST REPORT

FCC Part 27 / Part 24 Subpart E

Report Reference No.....:	**MTEB23070084-R1**
FCC ID.....:	**2BBKC-O-BOY1**
Compiled by (position+printed name+signature) .:	File administrators Alisa Luo
Supervised by (position+printed name+signature) .:	Test Engineer Sunny Deng
Approved by (position+printed name+signature) .:	Manager Yvette Zhou
Date of issue.....:	Jul.05,2023
Testing Laboratory Name.....:	**Shenzhen Most Technology Service Co., Ltd.**
Address.....:	No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.
Applicant's name.....:	**LIFELINE SRL**
Address.....:	92 avenue Reine Astrid, 1310 La Hulpe, BELGIUM
Test specification.....:	
Standard.....:	**FCC CFR Title 47 Part 2, Part 27, Part 24E** **ANSI/TIA-603-E-2016** **KDB 971168 D01**

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Test item description.....:	**O-BOY1**
Trade Mark.....:	N/A
Manufacturer.....:	**LIFELINE SRL**
Model/Type reference.....:	O-BOY1
Listed Models .....:	N/A
Ratings.....:	DC 3.7V(by Battery)
Modulation .....:	QPSK,16QAM
Hardware version.....:	RD_MB_06A
Software version .....:	3.6.1
Frequency.....	B2,B4,B25
Result.....:	**PASS**

TEST REPORT

Equipment under Test	:	**O-BOY1**
Model /Type	:	**O-BOY1**
Listed Models		N/A
Remark		N/A
Applicant	:	LIFELINE SRL
Address	:	92 avenue Reine Astrid, 1310 La Hulpe, BELGIUM
Manufacturer	:	LIFELINE SRL
Address	:	92 avenue Reine Astrid, 1310 La Hulpe, BELGIUM

Test Result:	**PASS**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1 Revision History

Revision	Issue Date	Revisions	Revised By
00	2023-07-05	Initial Issue	Alisa Luo

2 SUMMARY

2.1 TEST STANDARDS

The tests were performed according to following standards:

FCC Part 2: FREQUENCY ALLOCA-TIONS AND RADIO TREATY MAT-TERS; GENERAL RULES AND REG-ULATIONS
FCC Part 22 Subpart H: PRIVATE LAND MOBILE RADIO SERVICES.
FCC Part 24 Subpart E: PUBLIC MOBILE SERVICES
FCC Part 27: MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES
ANSI/TIA-603-E-2016: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.
ANSI C63.10-2013 Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
FCCKDB971168D01 Power Meas License Digital Systems

2.2 Test Description

Test Item	Section in CFR 47	Result
Effective(Isotropic) Radiated Output Power	§2.1046, §22.913(a)(2) &24.232(c) &27.50	Pass
Peak-AverageRatio	§24.232(d) &27.50	Pass
Modulation Characteristics	§2.1047	Pass
Bandwidth	§2.1049 &22.917(b) &24.238(b) &27.53	Pass
Band Edges Compliance	§2.1051, &22.917 §24.238 &27.53	Pass
Spurious Emissionat AntennaTerminals	§2.1051, &22.917 §24.238 &27.53	Pass
Field Strength of Spurious Radiation	Clause 7of KDB971168 D01 v02r02	Pass
Frequency Stability	§2.1055, §22.355, §24.235 &27.54	Pass

2.3 Address of the test laboratory

Shenzhen Most Technology Service Co., Ltd.
No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.
The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4:2014 and CISPR 16-1-4:2010 SVSWR requirement for radiated emission above 1GHz.

2.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 0031192610

Shenzhen Most Technology Service Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

A2LA-Lab Cert. No.: 6343.01

Shenzhen Most Technology Service Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

2.5 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01"Electromagnetic compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurementof mobile radio equipment characteristics;Part 1"and TR-100028-02 "Electromagnetic compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurementof mobile radio equipment characteristics;Part 2 " and is documented in the Shenzhen Most Technology Service Co., Ltd.quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Most Technology Service Co., Ltd.is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.10 dB	(1)
Radiated Emission	1~18GHz	4.32 dB	(1)
Radiated Emission	18-40GHz	5.54 dB	(1)
Conducted Disturbance	0.15~30MHz	3.12 dB	(1)
Conducted Power	9KHz~18GHz	0.61 dB	(1)
Spurious RF Conducted Emission	9KHz~40GHz	1.22 dB	(1)
Band Edge Compliance of RF Emission	9KHz~40GHz	1.22 dB	(1)
Occupied Bandwidth	9KHz~40GHz	-	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95%
(2) confidence level using a coverage factor of k=1.96.

3 GENERAL INFORMATION

3.1 Environmental conditions

Date of receipt of test sample	:	2023.06.07
Testing commenced on	:	2023.06.08
Testing concluded on	:	2023.07.04

During the measurement the environmental conditions were within the listed ranges:

Normal Temperature:	25°C
Relative Humidity:	55 %
Air Pressure:	101 kPa

3.2 General Description of EUT

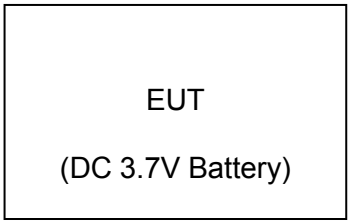
Product Name:	O-BOY1
Model/Type reference:	O-BOY1
Power Supply：	DC 3.7V(by Battery)
Testing sample ID：	MTYP201536
LTE	
Operation Band:	B2,B4,B25
Release Version:	Release 9
Modilation Type:	QPSK, 16QAM
Support Bandwidth:	Band 2: 1.4MHz, 3MHz, 5MHz,10MHz, 15MHz, 20MHz Band 4: 1.4MHz, 3MHz, 5MHz,10MHz, 15MHz, 20MHz Band 25: 1.4MHz, 3MHz, 5MHz,10MHz, 15MHz, 20MHz
TX/RXFrequency Range:	Band 2:TX: 1850.7-1909.3MHz RX:1930.7-1989.3MHz Band 4:TX:1710.7-1754.3MHz RX:2110.7-2154.3MHz Band 25:TX:1850.7-1914.3MHz RX:1930.7-1954.3MHz
Antenna type:	FPC antenna
Antenna gain:	Band 2: 1.9dBi Band 4: 1.9dBi Band 25: 1.9dBi

Note: For more details, refer to the user's manual of the EUT.

3.3 Description of Test Modes and Test Frequency

The EUT has been tested under typical operating condition. The CUM500 used to control the EUT staying in continuous transmitting and receiving mode for testing. Regards to the frequency band operation : the lowest、middle and highest frequency of channel were selected to perform the test, then shown on this report.

3.4 Block Diagram of Test Setup



3.5 Test Item (Equipment Under Test) Description*

Short designation	EUT Name	EUT Description	Serial number	Hardware status	Software status
EUT A					
EUT B					

*: declared by the applicant. According to customers information EUTs A and B are the same devices.

3.6 Auxiliary Equipment (AE) Description

AE short designation	EUT Name (if available)	EUT Description	Serial number (if available)	Software (if used)
AE 1	-			
AE 2	-			

3.7 Antenna Information*

Short designation	Antenna Name	Antenna Type	Frequency Range	Serial number	Antenna Peak Gain
Antenna 1	---	PIFA Antenna	/	---	Band 2: 1.9dBi Band 4: 1.9dBi Band 25: 1.9dBi
Antenna 2					

*: declared by the applicant.

3.8 Equipments Used during the Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Firmware versions	Last Cal.	Cal. Interval
1.	L.I.S.N.	R&S	ENV216	100093	/	2023/03/17	1 Year
2	Three-phase artificial power network	Schwarzback Mess	NNLK8129	8129178	/	2023/03/17	1 Year
3.	Receiver	R&S	ESCI	100492	V3.0-10-2	2023/03/17	1 Year
4	Receiver	R&S	ESPI	101202	V3.0-10-2	2023/03/17	1 Year
5	Spectrum analyzer	Agilent	9020A	MT-E306	A14.16	2023/03/17	1 Year
6	Bilong Antenna	Sunol Sciences	JB3	A121206	/	2023/03/17	1 Year
7	Horn antenna	HF Antenna	HF Antenna	MT-E158	/	2023/03/17	1 Year
8	Loop antenna	Beijing Daze	ZN30900B	/	/	2023/03/17	1 Year
9	Horn antenna	R&S	OBH100400	26999002	/	2023/03/17	1 Year
10	Wireless Communication Test Set	R&S	CMW500	/	CMW-BASE-3.7.21	2023/03/17	1 Year
11	Spectrum analyzer	R&S	FSP	100019	V4.40 SP2	2023/03/17	1 Year
12	High gain antenna	Schwarzbeck	LB-180400KF	MT-E389	/	2023/03/17	1 Year
13	Preamplifier	Schwarzbeck	BBV 9743	MT-E390	/	2023/03/17	1 Year
14	Pre-amplifier	EMCI	EMC051845SE	MT-E391	/	2023/03/17	1 Year
15	Pre-amplifier	Agilent	83051A	MT-E392	/	2023/03/17	1 Year
16	High pass filter unit	Tonscend	JS0806-F	MT-E393	/	2023/03/17	1 Year
17	RF Cable(below1GHz)	Times	9kHz-1GHz	MT-E394	/	2023/03/17	1 Year
18	RF Cable(above 1GHz)	Times	1-40G	MT-E395	/	2023/03/17	1 Year
19	RF Cable (9KHz-40GHz)	Tonscend	170660	N/A	/	2023/03/17	1 Year

Note: The Cal.Interval was one year.

3.9 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **2BBKC-O-BOY1** filing to comply with of the FCC Part 22 and Part 24 Rules.

3.10 Modifications

No modifications were implemented to meet testing criteria.

3.11 Environmental conditions

Radiated Emission:

Temperature:	23 ° C
Humidity:	48 %
Atmospheric pressure:	950-1050mbar

Conducted testing：

Temperature:	24 ° C
Humidity:	45 %
Atmospheric pressure:	950-1050mbar

4 TEST CONDITIONS AND RESULTS

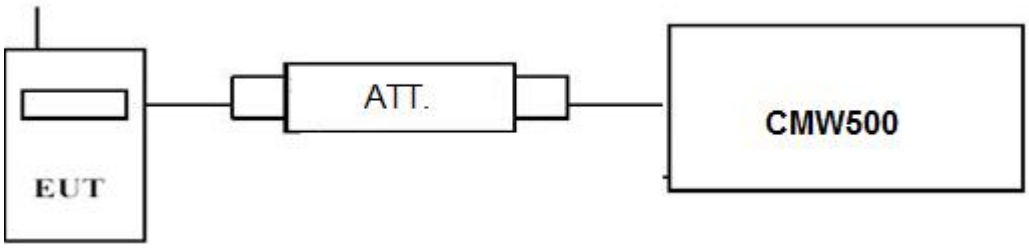
4.1 Output Power

4.1.1 Coducted Output Power

TEST APPLICABLE

During the process of testing, the EUT was controlled via R&S Digital Radio Communication tester (CMW500) to ensure max power transmission and proper modulation. This result contains output power and EIRP measurements for the EUT. In all cases, output power is within the specified limits.

TEST CONFIGURATION



TEST PROCEDURE

Conducted Power Measurement:

a) Place the EUT on a bench and set it in transmitting mode.
b) Connect a low loss RF cable from the antenna port to a CMW500 by an Att.
c) EUT Communicate with CMW500 then selects a channel for testing.
d) Add a correction factor to the display CMW500, and then test.

TEST RESULTS
compliance *

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	23.84	1.8	23.49	33.01	25.64	33.01	PASS
Band2	1.4	18607	1	#Mid	QPSK	23.98	1.8	23.63	33.01	25.78	33.01	PASS
Band2	1.4	18607	1	#Max	QPSK	23.83	1.8	23.48	33.01	25.63	33.01	PASS
Band2	1.4	18607	3	#0	QPSK	23.80	1.8	23.45	33.01	25.60	33.01	PASS
Band2	1.4	18607	3	#Mid	QPSK	23.86	1.8	23.51	33.01	25.66	33.01	PASS
Band2	1.4	18607	3	#Max	QPSK	23.83	1.8	23.48	33.01	25.63	33.01	PASS
Band2	1.4	18607	6	#0	QPSK	22.96	1.8	22.61	33.01	24.76	33.01	PASS
Band2	1.4	18607	1	#0	16QAM	22.87	1.8	22.52	33.01	24.67	33.01	PASS
Band2	1.4	18607	1	#Mid	16QAM	22.97	1.8	22.62	33.01	24.77	33.01	PASS
Band2	1.4	18607	1	#Max	16QAM	22.92	1.8	22.57	33.01	24.72	33.01	PASS
Band2	1.4	18607	3	#0	16QAM	22.95	1.8	22.60	33.01	24.75	33.01	PASS
Band2	1.4	18607	3	#Mid	16QAM	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band2	1.4	18607	3	#Max	16QAM	22.93	1.8	22.58	33.01	24.73	33.01	PASS
Band2	1.4	18607	6	#0	16QAM	22.13	1.8	21.78	33.01	23.93	33.01	PASS
Band2	1.4	18900	1	#0	QPSK	23.82	1.8	23.47	33.01	25.62	33.01	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.92	1.8	23.57	33.01	25.72	33.01	PASS
Band2	1.4	18900	1	#Max	QPSK	23.80	1.8	23.45	33.01	25.60	33.01	PASS
Band2	1.4	18900	3	#0	QPSK	23.88	1.8	23.53	33.01	25.68	33.01	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.92	1.8	23.57	33.01	25.72	33.01	PASS
Band2	1.4	18900	3	#Max	QPSK	23.85	1.8	23.50	33.01	25.65	33.01	PASS
Band2	1.4	18900	6	#0	QPSK	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	1.4	18900	1	#0	16QAM	22.93	1.8	22.58	33.01	24.73	33.01	PASS
Band2	1.4	18900	1	#Mid	16QAM	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	1.4	18900	1	#Max	16QAM	22.95	1.8	22.60	33.01	24.75	33.01	PASS
Band2	1.4	18900	3	#0	16QAM	23.00	1.8	22.65	33.01	24.80	33.01	PASS
Band2	1.4	18900	3	#Mid	16QAM	23.04	1.8	22.69	33.01	24.84	33.01	PASS
Band2	1.4	18900	3	#Max	16QAM	23.02	1.8	22.67	33.01	24.82	33.01	PASS
Band2	1.4	18900	6	#0	16QAM	22.14	1.8	21.79	33.01	23.94	33.01	PASS
Band2	1.4	19193	1	#0	QPSK	23.93	1.8	23.58	33.01	25.73	33.01	PASS
Band2	1.4	19193	1	#Mid	QPSK	23.99	1.8	23.64	33.01	25.79	33.01	PASS
Band2	1.4	19193	1	#Max	QPSK	23.93	1.8	23.58	33.01	25.73	33.01	PASS
Band2	1.4	19193	3	#0	QPSK	23.89	1.8	23.54	33.01	25.69	33.01	PASS
Band2	1.4	19193	3	#Mid	QPSK	23.94	1.8	23.59	33.01	25.74	33.01	PASS
Band2	1.4	19193	3	#Max	QPSK	23.90	1.8	23.55	33.01	25.70	33.01	PASS
Band2	1.4	19193	6	#0	QPSK	23.07	1.8	22.72	33.01	24.87	33.01	PASS
Band2	1.4	19193	1	#0	16QAM	22.70	1.8	22.35	33.01	24.50	33.01	PASS
Band2	1.4	19193	1	#Mid	16QAM	22.77	1.8	22.42	33.01	24.57	33.01	PASS
Band2	1.4	19193	1	#Max	16QAM	22.74	1.8	22.39	33.01	24.54	33.01	PASS
Band2	1.4	19193	3	#0	16QAM	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band2	1.4	19193	3	#Mid	16QAM	23.03	1.8	22.68	33.01	24.83	33.01	PASS
Band2	1.4	19193	3	#Max	16QAM	23.04	1.8	22.69	33.01	24.84	33.01	PASS
Band2	1.4	19193	6	#0	16QAM	22.23	1.8	21.88	33.01	24.03	33.01	PASS
Band2	3	18615	1	#0	QPSK	23.60	1.8	23.25	33.01	25.40	33.01	PASS
Band2	3	18615	1	#Mid	QPSK	23.69	1.8	23.34	33.01	25.49	33.01	PASS
Band2	3	18615	1	#Max	QPSK	23.62	1.8	23.27	33.01	25.42	33.01	PASS
Band2	3	18615	8	#0	QPSK	22.78	1.8	22.43	33.01	24.58	33.01	PASS
Band2	3	18615	8	#Mid	QPSK	22.90	1.8	22.55	33.01	24.70	33.01	PASS
Band2	3	18615	8	#Max	QPSK	22.84	1.8	22.49	33.01	24.64	33.01	PASS
Band2	3	18615	15	#0	QPSK	22.80	1.8	22.45	33.01	24.60	33.01	PASS
Band2	3	18615	1	#0	16QAM	22.97	1.8	22.62	33.01	24.77	33.01	PASS
Band2	3	18615	1	#Mid	16QAM	23.04	1.8	22.69	33.01	24.84	33.01	PASS
Band2	3	18615	1	#Max	16QAM	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	3	18615	8	#0	16QAM	21.80	1.8	21.45	33.01	23.60	33.01	PASS
Band2	3	18615	8	#Mid	16QAM	21.90	1.8	21.55	33.01	23.70	33.01	PASS
Band2	3	18615	8	#Max	16QAM	21.83	1.8	21.48	33.01	23.63	33.01	PASS
Band2	3	18615	15	#0	16QAM	21.85	1.8	21.50	33.01	23.65	33.01	PASS
Band2	3	18900	1	#0	QPSK	23.66	1.8	23.31	33.01	25.46	33.01	PASS
Band2	3	18900	1	#Mid	QPSK	23.73	1.8	23.38	33.01	25.53	33.01	PASS
Band2	3	18900	1	#Max	QPSK	23.67	1.8	23.32	33.01	25.47	33.01	PASS
Band2	3	18900	8	#0	QPSK	22.79	1.8	22.44	33.01	24.59	33.01	PASS
Band2	3	18900	8	#Mid	QPSK	22.89	1.8	22.54	33.01	24.69	33.01	PASS
Band2	3	18900	8	#Max	QPSK	22.87	1.8	22.52	33.01	24.67	33.01	PASS
Band2	3	18900	15	#0	QPSK	22.83	1.8	22.48	33.01	24.63	33.01	PASS
Band2	3	18900	1	#0	16QAM	22.77	1.8	22.42	33.01	24.57	33.01	PASS
Band2	3	18900	1	#Mid	16QAM	22.88	1.8	22.53	33.01	24.68	33.01	PASS
Band2	3	18900	1	#Max	16QAM	22.80	1.8	22.45	33.01	24.60	33.01	PASS
Band2	3	18900	8	#0	16QAM	21.85	1.8	21.50	33.01	23.65	33.01	PASS
Band2	3	18900	8	#Mid	16QAM	21.89	1.8	21.54	33.01	23.69	33.01	PASS
Band2	3	18900	8	#Max	16QAM	21.82	1.8	21.47	33.01	23.62	33.01	PASS
Band2	3	18900	15	#0	16QAM	21.78	1.8	21.43	33.01	23.58	33.01	PASS
Band2	3	19185	1	#0	QPSK	23.72	1.8	23.37	33.01	25.52	33.01	PASS
Band2	3	19185	1	#Mid	QPSK	23.83	1.8	23.48	33.01	25.63	33.01	PASS
Band2	3	19185	1	#Max	QPSK	23.79	1.8	23.44	33.01	25.59	33.01	PASS
Band2	3	19185	8	#0	QPSK	22.88	1.8	22.53	33.01	24.68	33.01	PASS
Band2	3	19185	8	#Mid	QPSK	22.97	1.8	22.62	33.01	24.77	33.01	PASS
Band2	3	19185	8	#Max	QPSK	22.88	1.8	22.53	33.01	24.68	33.01	PASS
Band2	3	19185	15	#0	QPSK	22.85	1.8	22.50	33.01	24.65	33.01	PASS
Band2	3	19185	1	#0	16QAM	22.50	1.8	22.15	33.01	24.30	33.01	PASS
Band2	3	19185	1	#Mid	16QAM	22.61	1.8	22.26	33.01	24.41	33.01	PASS
Band2	3	19185	1	#Max	16QAM	22.53	1.8	22.18	33.01	24.33	33.01	PASS
Band2	3	19185	8	#0	16QAM	21.81	1.8	21.46	33.01	23.61	33.01	PASS
Band2	3	19185	8	#Mid	16QAM	21.91	1.8	21.56	33.01	23.71	33.01	PASS
Band2	3	19185	8	#Max	16QAM	21.89	1.8	21.54	33.01	23.69	33.01	PASS
Band2	3	19185	15	#0	16QAM	21.92	1.8	21.57	33.01	23.72	33.01	PASS
Band2	5	18625	1	#0	QPSK	23.81	1.8	23.46	33.01	25.61	33.01	PASS
Band2	5	18625	1	#Mid	QPSK	23.93	1.8	23.58	33.01	25.73	33.01	PASS
Band2	5	18625	1	#Max	QPSK	23.91	1.8	23.56	33.01	25.71	33.01	PASS
Band2	5	18625	12	#0	QPSK	22.83	1.8	22.48	33.01	24.63	33.01	PASS
Band2	5	18625	12	#Mid	QPSK	22.92	1.8	22.57	33.01	24.72	33.01	PASS
Band2	5	18625	12	#Max	QPSK	22.90	1.8	22.55	33.01	24.70	33.01	PASS
Band2	5	18625	25	#0	QPSK	22.85	1.8	22.50	33.01	24.65	33.01	PASS
Band2	5	18625	1	#0	16QAM	23.25	1.8	22.90	33.01	25.05	33.01	PASS

Band2	5	18625	1	#Mid	16QAM	23.39	1.8	23.04	33.01	25.19	33.01	PASS
Band2	5	18625	1	#Max	16QAM	23.36	1.8	23.01	33.01	25.16	33.01	PASS
Band2	5	18625	12	#0	16QAM	21.84	1.8	21.49	33.01	23.64	33.01	PASS
Band2	5	18625	12	#Mid	16QAM	21.93	1.8	21.58	33.01	23.73	33.01	PASS
Band2	5	18625	12	#Max	16QAM	21.86	1.8	21.51	33.01	23.66	33.01	PASS
Band2	5	18625	25	#0	16QAM	21.82	1.8	21.47	33.01	23.62	33.01	PASS
Band2	5	18900	1	#0	QPSK	23.87	1.8	23.52	33.01	25.67	33.01	PASS
Band2	5	18900	1	#Mid	QPSK	23.96	1.8	23.61	33.01	25.76	33.01	PASS
Band2	5	18900	1	#Max	QPSK	23.88	1.8	23.53	33.01	25.68	33.01	PASS
Band2	5	18900	12	#0	QPSK	22.82	1.8	22.47	33.01	24.62	33.01	PASS
Band2	5	18900	12	#Mid	QPSK	22.94	1.8	22.59	33.01	24.74	33.01	PASS
Band2	5	18900	12	#Max	QPSK	22.92	1.8	22.57	33.01	24.72	33.01	PASS
Band2	5	18900	25	#0	QPSK	22.87	1.8	22.52	33.01	24.67	33.01	PASS
Band2	5	18900	1	#0	16QAM	23.12	1.8	22.77	33.01	24.92	33.01	PASS
Band2	5	18900	1	#Mid	16QAM	23.21	1.8	22.86	33.01	25.01	33.01	PASS
Band2	5	18900	1	#Max	16QAM	23.09	1.8	22.74	33.01	24.89	33.01	PASS
Band2	5	18900	12	#0	16QAM	21.75	1.8	21.40	33.01	23.55	33.01	PASS
Band2	5	18900	12	#Mid	16QAM	21.87	1.8	21.52	33.01	23.67	33.01	PASS
Band2	5	18900	12	#Max	16QAM	21.84	1.8	21.49	33.01	23.64	33.01	PASS
Band2	5	18900	25	#0	16QAM	21.86	1.8	21.51	33.01	23.66	33.01	PASS
Band2	5	19175	1	#0	QPSK	23.86	1.8	23.51	33.01	25.66	33.01	PASS
Band2	5	19175	1	#Mid	QPSK	23.95	1.8	23.60	33.01	25.75	33.01	PASS
Band2	5	19175	1	#Max	QPSK	23.86	1.8	23.51	33.01	25.66	33.01	PASS
Band2	5	19175	12	#0	QPSK	22.82	1.8	22.47	33.01	24.62	33.01	PASS
Band2	5	19175	12	#Mid	QPSK	22.97	1.8	22.62	33.01	24.77	33.01	PASS
Band2	5	19175	12	#Max	QPSK	22.95	1.8	22.60	33.01	24.75	33.01	PASS
Band2	5	19175	25	#0	QPSK	22.90	1.8	22.55	33.01	24.70	33.01	PASS
Band2	5	19175	1	#0	16QAM	23.13	1.8	22.78	33.01	24.93	33.01	PASS
Band2	5	19175	1	#Mid	16QAM	23.23	1.8	22.88	33.01	25.03	33.01	PASS
Band2	5	19175	1	#Max	16QAM	23.19	1.8	22.84	33.01	24.99	33.01	PASS
Band2	5	19175	12	#0	16QAM	21.88	1.8	21.53	33.01	23.68	33.01	PASS
Band2	5	19175	12	#Mid	16QAM	22.00	1.8	21.65	33.01	23.80	33.01	PASS
Band2	5	19175	12	#Max	16QAM	21.97	1.8	21.62	33.01	23.77	33.01	PASS
Band2	5	19175	25	#0	16QAM	21.85	1.8	21.50	33.01	23.65	33.01	PASS
Band2	10	18650	1	#0	QPSK	23.90	1.8	23.55	33.01	25.70	33.01	PASS
Band2	10	18650	1	#Mid	QPSK	24.04	1.8	23.69	33.01	25.84	33.01	PASS
Band2	10	18650	1	#Max	QPSK	24.09	1.8	23.74	33.01	25.89	33.01	PASS
Band2	10	18650	25	#0	QPSK	22.89	1.8	22.54	33.01	24.69	33.01	PASS
Band2	10	18650	25	#Mid	QPSK	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band2	10	18650	25	#Max	QPSK	22.89	1.8	22.54	33.01	24.69	33.01	PASS
Band2	10	18650	50	#0	QPSK	22.91	1.8	22.56	33.01	24.71	33.01	PASS
Band2	10	18650	1	#0	16QAM	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	10	18650	1	#Mid	16QAM	23.13	1.8	22.78	33.01	24.93	33.01	PASS
Band2	10	18650	1	#Max	16QAM	23.18	1.8	22.83	33.01	24.98	33.01	PASS
Band2	10	18650	25	#0	16QAM	21.90	1.8	21.55	33.01	23.70	33.01	PASS
Band2	10	18650	25	#Mid	16QAM	21.98	1.8	21.63	33.01	23.78	33.01	PASS
Band2	10	18650	25	#Max	16QAM	21.91	1.8	21.56	33.01	23.71	33.01	PASS
Band2	10	18650	50	#0	16QAM	21.94	1.8	21.59	33.01	23.74	33.01	PASS
Band2	10	18900	1	#0	QPSK	24.02	1.8	23.67	33.01	25.82	33.01	PASS
Band2	10	18900	1	#Mid	QPSK	24.08	1.8	23.73	33.01	25.88	33.01	PASS
Band2	10	18900	1	#Max	QPSK	24.03	1.8	23.68	33.01	25.83	33.01	PASS
Band2	10	18900	25	#0	QPSK	22.79	1.8	22.44	33.01	24.59	33.01	PASS
Band2	10	18900	25	#Mid	QPSK	22.95	1.8	22.60	33.01	24.75	33.01	PASS
Band2	10	18900	25	#Max	QPSK	22.97	1.8	22.62	33.01	24.77	33.01	PASS
Band2	10	18900	50	#0	QPSK	22.90	1.8	22.55	33.01	24.70	33.01	PASS
Band2	10	18900	1	#0	16QAM	22.81	1.8	22.46	33.01	24.61	33.01	PASS
Band2	10	18900	1	#Mid	16QAM	22.84	1.8	22.49	33.01	24.64	33.01	PASS
Band2	10	18900	1	#Max	16QAM	22.81	1.8	22.46	33.01	24.61	33.01	PASS
Band2	10	18900	25	#0	16QAM	21.75	1.8	21.40	33.01	23.55	33.01	PASS
Band2	10	18900	25	#Mid	16QAM	21.92	1.8	21.57	33.01	23.72	33.01	PASS
Band2	10	18900	25	#Max	16QAM	21.96	1.8	21.61	33.01	23.76	33.01	PASS
Band2	10	18900	50	#0	16QAM	21.83	1.8	21.48	33.01	23.63	33.01	PASS
Band2	10	19150	1	#0	QPSK	24.02	1.8	23.67	33.01	25.82	33.01	PASS
Band2	10	19150	1	#Mid	QPSK	24.04	1.8	23.69	33.01	25.84	33.01	PASS
Band2	10	19150	1	#Max	QPSK	24.02	1.8	23.67	33.01	25.82	33.01	PASS
Band2	10	19150	25	#0	QPSK	22.84	1.8	22.49	33.01	24.64	33.01	PASS
Band2	10	19150	25	#Mid	QPSK	23.00	1.8	22.65	33.01	24.80	33.01	PASS
Band2	10	19150	25	#Max	QPSK	23.10	1.8	22.75	33.01	24.90	33.01	PASS
Band2	10	19150	50	#0	QPSK	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	10	19150	1	#0	16QAM	23.37	1.8	23.02	33.01	25.17	33.01	PASS
Band2	10	19150	1	#Mid	16QAM	23.36	1.8	23.01	33.01	25.16	33.01	PASS
Band2	10	19150	1	#Max	16QAM	23.37	1.8	23.02	33.01	25.17	33.01	PASS
Band2	10	19150	25	#0	16QAM	21.87	1.8	21.52	33.01	23.67	33.01	PASS
Band2	10	19150	25	#Mid	16QAM	22.03	1.8	21.68	33.01	23.83	33.01	PASS
Band2	10	19150	25	#Max	16QAM	22.14	1.8	21.79	33.01	23.94	33.01	PASS
Band2	10	19150	50	#0	16QAM	21.99	1.8	21.64	33.01	23.79	33.01	PASS
Band2	15	18675	1	#0	QPSK	23.85	1.8	23.50	33.01	25.65	33.01	PASS
Band2	15	18675	1	#Mid	QPSK	24.02	1.8	23.67	33.01	25.82	33.01	PASS
Band2	15	18675	1	#Max	QPSK	24.08	1.8	23.73	33.01	25.88	33.01	PASS
Band2	15	18675	36	#0	QPSK	22.97	1.8	22.62	33.01	24.77	33.01	PASS
Band2	15	18675	36	#Mid	QPSK	23.03	1.8	22.68	33.01	24.83	33.01	PASS
Band2	15	18675	36	#Max	QPSK	23.00	1.8	22.65	33.01	24.80	33.01	PASS
Band2	15	18675	75	#0	QPSK	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	15	18675	1	#0	16QAM	23.19	1.8	22.84	33.01	24.99	33.01	PASS
Band2	15	18675	1	#Mid	16QAM	23.39	1.8	23.04	33.01	25.19	33.01	PASS
Band2	15	18675	1	#Max	16QAM	23.42	1.8	23.07	33.01	25.22	33.01	PASS
Band2	15	18675	36	#0	16QAM	21.98	1.8	21.63	33.01	23.78	33.01	PASS
Band2	15	18675	36	#Mid	16QAM	22.07	1.8	21.72	33.01	23.87	33.01	PASS
Band2	15	18675	36	#Max	16QAM	22.02	1.8	21.67	33.01	23.82	33.01	PASS
Band2	15	18675	75	#0	16QAM	21.97	1.8	21.62	33.01	23.77	33.01	PASS
Band2	15	18900	1	#0	QPSK	23.99	1.8	23.64	33.01	25.79	33.01	PASS
Band2	15	18900	1	#Mid	QPSK	23.95	1.8	23.60	33.01	25.75	33.01	PASS
Band2	15	18900	1	#Max	QPSK	23.94	1.8	23.59	33.01	25.74	33.01	PASS
Band2	15	18900	36	#0	QPSK	22.88	1.8	22.53	33.01	24.68	33.01	PASS
Band2	15	18900	36	#Mid	QPSK	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band2	15	18900	36	#Max	QPSK	23.03	1.8	22.68	33.01	24.83	33.01	PASS
Band2	15	18900	75	#0	QPSK	22.98	1.8	22.63	33.01	24.78	33.01	PASS
Band2	15	18900	1	#0	16QAM	23.07	1.8	22.72	33.01	24.87	33.01	PASS
Band2	15	18900	1	#Mid	16QAM	23.09	1.8	22.74	33.01	24.89	33.01	PASS
Band2	15	18900	1	#Max	16QAM	23.03	1.8	22.68	33.01	24.83	33.01	PASS

Band2	15	18900	36	#0	16QAM	21.91	1.8	21.56	33.01	23.71	33.01	PASS
Band2	15	18900	36	#Mid	16QAM	22.01	1.8	21.66	33.01	23.81	33.01	PASS
Band2	15	18900	36	#Max	16QAM	22.03	1.8	21.68	33.01	23.83	33.01	PASS
Band2	15	18900	75	#0	16QAM	21.94	1.8	21.59	33.01	23.74	33.01	PASS
Band2	15	19125	1	#0	QPSK	23.99	1.8	23.64	33.01	25.79	33.01	PASS
Band2	15	19125	1	#Mid	QPSK	24.14	1.8	23.79	33.01	25.94	33.01	PASS
Band2	15	19125	1	#Max	QPSK	24.03	1.8	23.68	33.01	25.83	33.01	PASS
Band2	15	19125	36	#0	QPSK	23.02	1.8	22.67	33.01	24.82	33.01	PASS
Band2	15	19125	36	#Mid	QPSK	23.04	1.8	22.69	33.01	24.84	33.01	PASS
Band2	15	19125	36	#Max	QPSK	23.19	1.8	22.84	33.01	24.99	33.01	PASS
Band2	15	19125	75	#0	QPSK	23.13	1.8	22.78	33.01	24.93	33.01	PASS
Band2	15	19125	1	#0	16QAM	23.02	1.8	22.67	33.01	24.82	33.01	PASS
Band2	15	19125	1	#Mid	16QAM	23.12	1.8	22.77	33.01	24.92	33.01	PASS
Band2	15	19125	1	#Max	16QAM	23.05	1.8	22.70	33.01	24.85	33.01	PASS
Band2	15	19125	36	#0	16QAM	21.98	1.8	21.63	33.01	23.78	33.01	PASS
Band2	15	19125	36	#Mid	16QAM	21.99	1.8	21.64	33.01	23.79	33.01	PASS
Band2	15	19125	36	#Max	16QAM	22.13	1.8	21.78	33.01	23.93	33.01	PASS
Band2	15	19125	75	#0	16QAM	22.15	1.8	21.80	33.01	23.95	33.01	PASS
Band2	20	18700	1	#0	QPSK	23.77	1.8	23.42	33.01	25.57	33.01	PASS
Band2	20	18700	1	#Mid	QPSK	24.12	1.8	23.77	33.01	25.92	33.01	PASS
Band2	20	18700	1	#Max	QPSK	24.06	1.8	23.71	33.01	25.86	33.01	PASS
Band2	20	18700	50	#0	QPSK	23.03	1.8	22.68	33.01	24.83	33.01	PASS
Band2	20	18700	50	#Mid	QPSK	23.01	1.8	22.66	33.01	24.81	33.01	PASS
Band2	20	18700	50	#Max	QPSK	22.98	1.8	22.63	33.01	24.78	33.01	PASS
Band2	20	18700	100	#0	QPSK	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band2	20	18700	1	#0	16QAM	22.94	1.8	22.59	33.01	24.74	33.01	PASS
Band2	20	18700	1	#Mid	16QAM	23.28	1.8	22.93	33.01	25.08	33.01	PASS
Band2	20	18700	1	#Max	16QAM	23.22	1.8	22.87	33.01	25.02	33.01	PASS
Band2	20	18700	50	#0	16QAM	22.08	1.8	21.73	33.01	23.88	33.01	PASS
Band2	20	18700	50	#Mid	16QAM	22.07	1.8	21.72	33.01	23.87	33.01	PASS
Band2	20	18700	50	#Max	16QAM	22.03	1.8	21.68	33.01	23.83	33.01	PASS
Band2	20	18700	100	#0	16QAM	21.98	1.8	21.63	33.01	23.78	33.01	PASS
Band2	20	18900	1	#0	QPSK	23.87	1.8	23.52	33.01	25.67	33.01	PASS
Band2	20	18900	1	#Mid	QPSK	24.02	1.8	23.67	33.01	25.82	33.01	PASS
Band2	20	18900	1	#Max	QPSK	23.89	1.8	23.54	33.01	25.69	33.01	PASS
Band2	20	18900	50	#0	QPSK	22.73	1.8	22.38	33.01	24.53	33.01	PASS
Band2	20	18900	50	#Mid	QPSK	22.96	1.8	22.61	33.01	24.76	33.01	PASS
Band2	20	18900	50	#Max	QPSK	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band2	20	18900	100	#0	QPSK	22.90	1.8	22.55	33.01	24.70	33.01	PASS
Band2	20	18900	1	#0	16QAM	23.14	1.8	22.79	33.01	24.94	33.01	PASS
Band2	20	18900	1	#Mid	16QAM	23.24	1.8	22.89	33.01	25.04	33.01	PASS
Band2	20	18900	1	#Max	16QAM	23.16	1.8	22.81	33.01	24.96	33.01	PASS
Band2	20	18900	50	#0	16QAM	21.76	1.8	21.41	33.01	23.56	33.01	PASS
Band2	20	18900	50	#Mid	16QAM	22.01	1.8	21.66	33.01	23.81	33.01	PASS
Band2	20	18900	50	#Max	16QAM	22.03	1.8	21.68	33.01	23.83	33.01	PASS
Band2	20	18900	100	#0	16QAM	21.87	1.8	21.52	33.01	23.67	33.01	PASS
Band2	20	19100	1	#0	QPSK	23.89	1.8	23.54	33.01	25.69	33.01	PASS
Band2	20	19100	1	#Mid	QPSK	24.14	1.8	23.79	33.01	25.94	33.01	PASS
Band2	20	19100	1	#Max	QPSK	24.02	1.8	23.67	33.01	25.82	33.01	PASS
Band2	20	19100	50	#0	QPSK	23.14	1.8	22.79	33.01	24.94	33.01	PASS
Band2	20	19100	50	#Mid	QPSK	23.10	1.8	22.75	33.01	24.90	33.01	PASS
Band2	20	19100	50	#Max	QPSK	23.33	1.8	22.98	33.01	25.13	33.01	PASS
Band2	20	19100	100	#0	QPSK	23.22	1.8	22.87	33.01	25.02	33.01	PASS
Band2	20	19100	1	#0	16QAM	23.03	1.8	22.68	33.01	24.83	33.01	PASS
Band2	20	19100	1	#Mid	16QAM	23.31	1.8	22.96	33.01	25.11	33.01	PASS
Band2	20	19100	1	#Max	16QAM	23.14	1.8	22.79	33.01	24.94	33.01	PASS
Band2	20	19100	50	#0	16QAM	22.13	1.8	21.78	33.01	23.93	33.01	PASS
Band2	20	19100	50	#Mid	16QAM	22.04	1.8	21.69	33.01	23.84	33.01	PASS
Band2	20	19100	50	#Max	16QAM	22.27	1.8	21.92	33.01	24.07	33.01	PASS
Band2	20	19100	100	#0	16QAM	22.23	1.8	21.88	33.01	24.03	33.01	PASS
Band4	1.4	19957	1	#0	QPSK	24.05	1.8	23.70	30	25.85	30	PASS
Band4	1.4	19957	1	#Mid	QPSK	24.10	1.8	23.75	30	25.90	30	PASS
Band4	1.4	19957	1	#Max	QPSK	23.98	1.8	23.63	30	25.78	30	PASS
Band4	1.4	19957	3	#0	QPSK	23.94	1.8	23.59	30	25.74	30	PASS
Band4	1.4	19957	3	#Mid	QPSK	23.98	1.8	23.63	30	25.78	30	PASS
Band4	1.4	19957	3	#Max	QPSK	23.94	1.8	23.59	30	25.74	30	PASS
Band4	1.4	19957	6	#0	QPSK	23.13	1.8	22.78	30	24.93	30	PASS
Band4	1.4	19957	1	#0	16QAM	23.08	1.8	22.73	30	24.88	30	PASS
Band4	1.4	19957	1	#Mid	16QAM	23.11	1.8	22.76	30	24.91	30	PASS
Band4	1.4	19957	1	#Max	16QAM	23.10	1.8	22.75	30	24.90	30	PASS
Band4	1.4	19957	3	#0	16QAM	23.13	1.8	22.78	30	24.93	30	PASS
Band4	1.4	19957	3	#Mid	16QAM	23.20	1.8	22.85	30	25.00	30	PASS
Band4	1.4	19957	3	#Max	16QAM	23.11	1.8	22.76	30	24.91	30	PASS
Band4	1.4	19957	6	#0	16QAM	22.27	1.8	21.92	30	24.07	30	PASS
Band4	1.4	20175	1	#0	QPSK	23.59	1.8	23.24	30	25.39	30	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.70	1.8	23.35	30	25.50	30	PASS
Band4	1.4	20175	1	#Max	QPSK	23.60	1.8	23.25	30	25.40	30	PASS
Band4	1.4	20175	3	#0	QPSK	23.67	1.8	23.32	30	25.47	30	PASS
Band4	1.4	20175	3	#Mid	QPSK	23.71	1.8	23.36	30	25.51	30	PASS
Band4	1.4	20175	3	#Max	QPSK	23.66	1.8	23.31	30	25.46	30	PASS
Band4	1.4	20175	6	#0	QPSK	22.77	1.8	22.42	30	24.57	30	PASS
Band4	1.4	20175	1	#0	16QAM	22.76	1.8	22.41	30	24.56	30	PASS
Band4	1.4	20175	1	#Mid	16QAM	22.85	1.8	22.50	30	24.65	30	PASS
Band4	1.4	20175	1	#Max	16QAM	22.84	1.8	22.49	30	24.64	30	PASS
Band4	1.4	20175	3	#0	16QAM	22.88	1.8	22.53	30	24.68	30	PASS
Band4	1.4	20175	3	#Mid	16QAM	22.95	1.8	22.60	30	24.75	30	PASS
Band4	1.4	20175	3	#Max	16QAM	22.89	1.8	22.54	30	24.69	30	PASS
Band4	1.4	20175	6	#0	16QAM	21.95	1.8	21.60	30	23.75	30	PASS
Band4	1.4	20393	1	#0	QPSK	23.70	1.8	23.35	30	25.50	30	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.78	1.8	23.43	30	25.58	30	PASS
Band4	1.4	20393	1	#Max	QPSK	23.69	1.8	23.34	30	25.49	30	PASS
Band4	1.4	20393	3	#0	QPSK	23.73	1.8	23.38	30	25.53	30	PASS
Band4	1.4	20393	3	#Mid	QPSK	23.74	1.8	23.39	30	25.54	30	PASS
Band4	1.4	20393	3	#Max	QPSK	23.71	1.8	23.36	30	25.51	30	PASS
Band4	1.4	20393	6	#0	QPSK	22.85	1.8	22.50	30	24.65	30	PASS
Band4	1.4	20393	1	#0	16QAM	22.56	1.8	22.21	30	24.36	30	PASS
Band4	1.4	20393	1	#Mid	16QAM	22.66	1.8	22.31	30	24.46	30	PASS
Band4	1.4	20393	1	#Max	16QAM	22.56	1.8	22.21	30	24.36	30	PASS
Band4	1.4	20393	3	#0	16QAM	22.89	1.8	22.54	30	24.69	30	PASS
Band4	1.4	20393	3	#Mid	16QAM	22.91	1.8	22.56	30	24.71	30	PASS

Band4	1.4	20393	3	#Max	16QAM	22.87	1.8	22.52	30	24.67	30	PASS
Band4	1.4	20393	6	#0	16QAM	22.02	1.8	21.67	30	23.82	30	PASS
Band4	3	19965	1	#0	QPSK	23.72	1.8	23.37	30	25.52	30	PASS
Band4	3	19965	1	#Mid	QPSK	23.74	1.8	23.39	30	25.54	30	PASS
Band4	3	19965	1	#Max	QPSK	23.61	1.8	23.26	30	25.41	30	PASS
Band4	3	19965	8	#0	QPSK	22.91	1.8	22.56	30	24.71	30	PASS
Band4	3	19965	8	#Mid	QPSK	22.98	1.8	22.63	30	24.78	30	PASS
Band4	3	19965	8	#Max	QPSK	22.91	1.8	22.56	30	24.71	30	PASS
Band4	3	19965	15	#0	QPSK	22.88	1.8	22.53	30	24.68	30	PASS
Band4	3	19965	1	#0	16QAM	23.14	1.8	22.79	30	24.94	30	PASS
Band4	3	19965	1	#Mid	16QAM	23.18	1.8	22.83	30	24.98	30	PASS
Band4	3	19965	1	#Max	16QAM	23.06	1.8	22.71	30	24.86	30	PASS
Band4	3	19965	8	#0	16QAM	21.89	1.8	21.54	30	23.69	30	PASS
Band4	3	19965	8	#Mid	16QAM	21.99	1.8	21.64	30	23.79	30	PASS
Band4	3	19965	8	#Max	16QAM	21.89	1.8	21.54	30	23.69	30	PASS
Band4	3	19965	15	#0	16QAM	21.89	1.8	21.54	30	23.69	30	PASS
Band4	3	20175	1	#0	QPSK	23.44	1.8	23.09	30	25.24	30	PASS
Band4	3	20175	1	#Mid	QPSK	23.52	1.8	23.17	30	25.32	30	PASS
Band4	3	20175	1	#Max	QPSK	23.45	1.8	23.10	30	25.25	30	PASS
Band4	3	20175	8	#0	QPSK	22.63	1.8	22.28	30	24.43	30	PASS
Band4	3	20175	8	#Mid	QPSK	22.73	1.8	22.38	30	24.53	30	PASS
Band4	3	20175	8	#Max	QPSK	22.70	1.8	22.35	30	24.50	30	PASS
Band4	3	20175	15	#0	QPSK	22.65	1.8	22.30	30	24.45	30	PASS
Band4	3	20175	1	#0	16QAM	22.62	1.8	22.27	30	24.42	30	PASS
Band4	3	20175	1	#Mid	16QAM	22.74	1.8	22.39	30	24.54	30	PASS
Band4	3	20175	1	#Max	16QAM	22.73	1.8	22.38	30	24.53	30	PASS
Band4	3	20175	8	#0	16QAM	21.64	1.8	21.29	30	23.44	30	PASS
Band4	3	20175	8	#Mid	16QAM	21.73	1.8	21.38	30	23.53	30	PASS
Band4	3	20175	8	#Max	16QAM	21.66	1.8	21.31	30	23.46	30	PASS
Band4	3	20175	15	#0	16QAM	21.66	1.8	21.31	30	23.46	30	PASS
Band4	3	20385	1	#0	QPSK	23.58	1.8	23.23	30	25.38	30	PASS
Band4	3	20385	1	#Mid	QPSK	23.68	1.8	23.33	30	25.48	30	PASS
Band4	3	20385	1	#Max	QPSK	23.58	1.8	23.23	30	25.38	30	PASS
Band4	3	20385	8	#0	QPSK	22.79	1.8	22.44	30	24.59	30	PASS
Band4	3	20385	8	#Mid	QPSK	22.81	1.8	22.46	30	24.61	30	PASS
Band4	3	20385	8	#Max	QPSK	22.72	1.8	22.37	30	24.52	30	PASS
Band4	3	20385	15	#0	QPSK	22.74	1.8	22.39	30	24.54	30	PASS
Band4	3	20385	1	#0	16QAM	22.47	1.8	22.12	30	24.27	30	PASS
Band4	3	20385	1	#Mid	16QAM	22.51	1.8	22.16	30	24.31	30	PASS
Band4	3	20385	1	#Max	16QAM	22.40	1.8	22.05	30	24.20	30	PASS
Band4	3	20385	8	#0	16QAM	21.71	1.8	21.36	30	23.51	30	PASS
Band4	3	20385	8	#Mid	16QAM	21.80	1.8	21.45	30	23.60	30	PASS
Band4	3	20385	8	#Max	16QAM	21.69	1.8	21.34	30	23.49	30	PASS
Band4	3	20385	15	#0	16QAM	21.80	1.8	21.45	30	23.60	30	PASS
Band4	5	19975	1	#0	QPSK	23.91	1.8	23.56	30	25.71	30	PASS
Band4	5	19975	1	#Mid	QPSK	23.93	1.8	23.58	30	25.73	30	PASS
Band4	5	19975	1	#Max	QPSK	23.81	1.8	23.46	30	25.61	30	PASS
Band4	5	19975	12	#0	QPSK	22.95	1.8	22.60	30	24.75	30	PASS
Band4	5	19975	12	#Mid	QPSK	23.00	1.8	22.65	30	24.80	30	PASS
Band4	5	19975	12	#Max	QPSK	22.90	1.8	22.55	30	24.70	30	PASS
Band4	5	19975	25	#0	QPSK	22.95	1.8	22.60	30	24.75	30	PASS
Band4	5	19975	1	#0	16QAM	23.22	1.8	22.87	30	25.02	30	PASS
Band4	5	19975	1	#Mid	16QAM	23.27	1.8	22.92	30	25.07	30	PASS
Band4	5	19975	1	#Max	16QAM	23.14	1.8	22.79	30	24.94	30	PASS
Band4	5	19975	12	#0	16QAM	21.92	1.8	21.57	30	23.72	30	PASS
Band4	5	19975	12	#Mid	16QAM	22.00	1.8	21.65	30	23.80	30	PASS
Band4	5	19975	12	#Max	16QAM	21.91	1.8	21.56	30	23.71	30	PASS
Band4	5	19975	25	#0	16QAM	21.91	1.8	21.56	30	23.71	30	PASS
Band4	5	20175	1	#0	QPSK	23.64	1.8	23.29	30	25.44	30	PASS
Band4	5	20175	1	#Mid	QPSK	23.76	1.8	23.41	30	25.56	30	PASS
Band4	5	20175	1	#Max	QPSK	23.74	1.8	23.39	30	25.54	30	PASS
Band4	5	20175	12	#0	QPSK	22.70	1.8	22.35	30	24.50	30	PASS
Band4	5	20175	12	#Mid	QPSK	22.78	1.8	22.43	30	24.58	30	PASS
Band4	5	20175	12	#Max	QPSK	22.80	1.8	22.45	30	24.60	30	PASS
Band4	5	20175	25	#0	QPSK	22.73	1.8	22.38	30	24.53	30	PASS
Band4	5	20175	1	#0	16QAM	23.19	1.8	22.84	30	24.99	30	PASS
Band4	5	20175	1	#Mid	16QAM	23.33	1.8	22.98	30	25.13	30	PASS
Band4	5	20175	1	#Max	16QAM	23.27	1.8	22.92	30	25.07	30	PASS
Band4	5	20175	12	#0	16QAM	21.63	1.8	21.28	30	23.43	30	PASS
Band4	5	20175	12	#Mid	16QAM	21.76	1.8	21.41	30	23.56	30	PASS
Band4	5	20175	12	#Max	16QAM	21.76	1.8	21.41	30	23.56	30	PASS
Band4	5	20175	25	#0	16QAM	21.72	1.8	21.37	30	23.52	30	PASS
Band4	5	20375	1	#0	QPSK	23.82	1.8	23.47	30	25.62	30	PASS
Band4	5	20375	1	#Mid	QPSK	23.88	1.8	23.53	30	25.68	30	PASS
Band4	5	20375	1	#Max	QPSK	23.77	1.8	23.42	30	25.57	30	PASS
Band4	5	20375	12	#0	QPSK	22.85	1.8	22.50	30	24.65	30	PASS
Band4	5	20375	12	#Mid	QPSK	22.90	1.8	22.55	30	24.70	30	PASS
Band4	5	20375	12	#Max	QPSK	22.78	1.8	22.43	30	24.58	30	PASS
Band4	5	20375	25	#0	QPSK	22.83	1.8	22.48	30	24.63	30	PASS
Band4	5	20375	1	#0	16QAM	23.13	1.8	22.78	30	24.93	30	PASS
Band4	5	20375	1	#Mid	16QAM	23.21	1.8	22.86	30	25.01	30	PASS
Band4	5	20375	1	#Max	16QAM	23.06	1.8	22.71	30	24.86	30	PASS
Band4	5	20375	12	#0	16QAM	21.80	1.8	21.45	30	23.60	30	PASS
Band4	5	20375	12	#Mid	16QAM	21.82	1.8	21.47	30	23.62	30	PASS
Band4	5	20375	12	#Max	16QAM	21.70	1.8	21.35	30	23.50	30	PASS
Band4	5	20375	25	#0	16QAM	21.85	1.8	21.50	30	23.65	30	PASS
Band4	10	20000	1	#0	QPSK	24.03	1.8	23.68	30	25.83	30	PASS
Band4	10	20000	1	#Mid	QPSK	23.99	1.8	23.64	30	25.79	30	PASS
Band4	10	20000	1	#Max	QPSK	23.84	1.8	23.49	30	25.64	30	PASS
Band4	10	20000	25	#0	QPSK	22.93	1.8	22.58	30	24.73	30	PASS
Band4	10	20000	25	#Mid	QPSK	22.96	1.8	22.61	30	24.76	30	PASS
Band4	10	20000	25	#Max	QPSK	22.77	1.8	22.42	30	24.57	30	PASS
Band4	10	20000	50	#0	QPSK	22.85	1.8	22.50	30	24.65	30	PASS
Band4	10	20000	1	#0	16QAM	23.42	1.8	23.07	30	25.22	30	PASS
Band4	10	20000	1	#Mid	16QAM	23.39	1.8	23.04	30	25.19	30	PASS
Band4	10	20000	1	#Max	16QAM	23.27	1.8	22.92	30	25.07	30	PASS
Band4	10	20000	25	#0	16QAM	21.91	1.8	21.56	30	23.71	30	PASS
Band4	10	20000	25	#Mid	16QAM	21.96	1.8	21.61	30	23.76	30	PASS
Band4	10	20000	25	#Max	16QAM	21.81	1.8	21.46	30	23.61	30	PASS
Band4	10	20000	50	#0	16QAM	21.81	1.8	21.46	30	23.61	30	PASS