Shenzhen Huatongwei International Inspection Co.,Ltd.
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TEST REPORT

For LTE

Report No..... :	CHTW25070053
Project No ..... :	SHT2506018302W
FCC ID ..... :	**2ASWW-STAR9MAX**
Applicant's name ..... :	XINCHUANGXIN INTERNATIONAL CO. LTD
Address..... :	ROOM 605 6/F, FA YUEN COMMERCIAL BUILDING, 75-77 FA YUEN STREET MONGKOK KL
Product Name..... :	Tablet
Trade Mark..... :	CORN
Model No..... :	Star9 Max
Listed Model(s) ..... :	-
Standard ..... :	**FCC CFR Title 47 Part 2** **FCC CFR Title 47 Part 22 Subpart H** **FCC CFR Title 47 Part 24 Subpart E** **FCC CFR Title 47 Part 27**
Date of receipt of test sample……...:	2025/6/12
Date of testing……..:	2025/6/19- 2025/7/4
Date of issue……...:	2025/7/17
Result..... ……..:	**PASS**

Compiled by (Position+Printed name+Signature) :	File administrator	Caspar Chen	Caspar Chen
Supervised by (Position+Printed name+Signature) :	Project Engineer	Xiaodong Zhao	Xiaodong Zhao
Approved by (Position+Printed name+Signature) :	RF Manager	Xu Yang	Xu Yang

Testing Laboratory Name ..... :	**Shenzhen Huatongwei International Inspection Co., Ltd.**
Address..... :	Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China

Test Report Form No. ..... :	R0066
Test Report Form(s) Originator ..... :	Shenzhen Huatongwei International Inspection Co., Ltd.
Master TRF ..... :	Dated 2025-07

Contents

1. TEST STANDARDS AND REPORT VERSION

1.1. Applicable Standards

The tests were performed according to following standards:

FCC CFR Title 47 Part 2: Frequency Allocations and Radio Treaty Matters; General Rules and Regulations

FCC CFR Title 47 Part 22 Subpart H: Cellular Radiotelephone Service

FCC CFR Title 47 Part 24 Subpart E: Broadband PCS

FCC CFR Title 47 Part 27: Miscellaneous Wireless Communications Services

ANSI C63.26-2015: American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

KDB 971168 D01 Power Meas License Digital Systems v03: MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS

1.2. Report version information

Revision No.	Date of issue	Description
N/A	2025-07-17	Original

2. TEST DESCRIPTION

Section	Test Item	Section in CFR 47	Result #1	Test Engineer
5.1	Conducted Output Power	Part 2.1046 Part 22.913(a) Part 24.232(c) Part 27.50	Pass	Xiangyu Wei
5.2	Peak-to-Average Ratio	Part 24.232 Part 27.50	Pass	Xiangyu Wei
5.3	99% Occupied Bandwidth & 26 dB Bandwidth	Part 2.1049 Part 22.917(b) Part 24.238(b) Part 27.53	Pass	Xiangyu Wei
5.4	Band Edge	Part 2.1051 Part 22.917 Part 24.238 Part 27.53	Pass	Xiangyu Wei
5.5	Conducted Spurious Emissions	Part 2.1051 Part 22.917 Part 24.238 Part 27.53	Pass	Xiangyu Wei
5.6	Frequency stability vs temperature	Part 2.1055(a)(1)(b) Part 22.355 Part 24.235 Part 27.54	Pass	Xiangyu Wei
5.7	Frequency stability vs voltage	Part 2.1055(d)(1)(2) Part 22.355 Part 24.235 Part 27.54	Pass	Xiangyu Wei
5.8	ERP and EIRP	Part 22.913(a) Part 24.232(b) Part 27.50	Pass	Xiangyu Wei
5.9	Radiated Spurious Emissions	Part 2.1053 Part 22.917 Part 24.238 Part 27.53	Pass	Yifan Wang

Note:

#1: The test result does not include measurement uncertainty value

3. SUMMARY

3.1. Client Information

Applicant:	XINCHUANGXIN INTERNATIONAL CO. LTD
Address:	ROOM 605 6/F, FA YUEN COMMERCIAL BUILDING, 75-77 FA YUEN STREET MONGKOK KL
Manufacturer:	Shenzhen Chiteng Technology Co.,LTD
Address:	Second Floor,Area A, Building 4, Huiye Technology Workshop, Guanguang Road, Tangjia Community, Gongming Street, Guangming New District, Shenzhen, Guangdong

3.2. Product Description

Main unit information:	
Product Name:	Tablet
Trade Mark:	CORN
Model No.:	Star9 Max
Listed Model(s):	-
Power supply:	DC 3.8V from Battery
Hardware version:	L30-T310-V1.0 250508-C
Software version:	CORN_Star 9_Max_20250718
Accessory unit information:	
Adapter information:	INPUT: 100~240V-50/60Hz 0.35A OUTPUT: DC 5.0V 2A

3.3. Radio Specification Description

Support Operating Band:	☒ LTE Band 2	☒ LTE Band 4	☒ LTE Band 7	
	☒ LTE Band 12	☒ LTE Band 17		
Operating Frequency Range:	Please refer to note #2			
Channel bandwidth:	Please refer to note #3			
Uplink Modulation type:	☒ QPSK	☒ 16QAM	☐ 64QAM	☐ 256QAM
Downlink Modulation type:	☒ QPSK	☒ 16QAM	☒ 64QAM	☐ 256QAM
Antenna type:	PIFA			
Antenna gain #4:	Band 2: 2.00dBi	Band 4: 1.60dBi	Band 7: -1.7dBi	
	Band 12: -10.00dBi	Band 17: -10.00dBi		

Note:

- ☒: means that this feature is supported; ☐: means that this feature is not supported
- #2: Operating frequency range is as follow:

LTE Band	Uplink frequency	Downlink frequency
LTE Band 2	1850.7 – 1909.3 MHz	1930.7 – 1989.3 MHz
LTE Band 4	1710.7 – 1754.3 MHz	2110.7 – 2154.3 MHz
LTE Band 7	2502.5 – 2567.5 MHz	2622.5 – 2687.5 MHz
LTE Band 12	699.7 – 715.3 MHz	729.7 – 745.3 MHz
LTE Band 17	706.5 – 713.5 MHz	736.5 – 743.5 MHz

- #3: Supported channel bandwidth is as follow:

LTE Band	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
LTE Band 2	√	√	√	√	√	√
LTE Band 4	√	√	√	√	√	√
LTE Band 7	-	-	√	√	√	√
LTE Band 12	√	√	√	√	-	-
LTE Band 17	-	-	√	√	-	-

√: means that this feature is supported; -: means that this feature is not supported

- #4: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, HTW lab has not verified the authenticity of its information

3.4. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.	
Laboratory Location	Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China	
Contact information:	Phone: 400-963-0755 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn	
Qualifications	Type	Accreditation Number
	FCC Registration Number	762235
	FCC Designation Number	CN1181

4. TEST CONFIGURATION

4.1. Test frequency list

LTE Band 2

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	18607	1850.7	607	1930.7
	3	18615	1851.5	615	1931.5
	5	18625	1852.5	625	1932.5
	10	18650	1855	650	1935
	15 [1]	18675	1857.5	675	1937.5
	20 [1]	18700	1860	700	1940
Mid Range	1.4/3/5/10 15 [1]/20 [1]	18900	1880	900	1960
High Range	1.4	19193	1909.3	1193	1989.3
	3	19185	1908.5	1185	1988.5
	5	19175	1907.5	1175	1987.5
	10	19150	1905	1150	1985
	15 [1]	19125	1902.5	1125	1982.5
	20 [1]	19100	1900	1100	1980

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

LTE Band 4

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	19957	1710.7	1957	2110.7
	3	19965	1711.5	1965	2111.5
	5	19975	1712.5	1975	2112.5
	10	20000	1715	2000	2115
	15	20025	1717.5	2025	2117.5
	20	20050	1720	2050	2120
Mid Range	1.4/3/5/10/15/20	20175	1732.5	2175	2132.5
High Range	1.4	20393	1754.3	2393	2154.3
	3	20385	1753.5	2385	2153.5
	5	20375	1752.5	2375	2152.5
	10	20350	1750	2350	2150
	15	20325	1747.5	2325	2147.5
	20	20300	1745	2300	2145

LTE Band 7

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	5	20775	2502.5	2775	2622.5
	10	20800	2505	2800	2625
	15	20825	2507.5	2825	2627.5
	20 [1]	20850	2510	2850	2630
Mid Range	5/10/15 20 [1]	21100	2535	3100	2655
High Range	5	21425	2567.5	3425	2687.5
	10	21400	2565	3400	2685
	15	21375	2562.5	3375	2682.5
	20 [1]	21350	2560	3350	2680

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

LTE Band 12

Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	23017	699.7	5017	729.7
	3	23025	700.5	5025	730.5
	5 [1]	23035	701.5	5035	731.5
	10 [1]	23060	704	5060	734
Mid Range	1.4/3 5 [1]/10 [1]	23095	707.5	5095	737.5
High Range	1.4	23173	715.3	5173	745.3
	3	23165	714.5	5165	744.5
	5 [1]	23155	713.5	5155	743.5
	10 [1]	23130	711	5130	741

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

LTE Band 17

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	5 [1]	23755	706.5	5755	736.5
	10 [1]	23780	709	5780	739
Mid Range	5 [1]/10 [1]	23790	710	5790	740
High Range	5 [1]	23825	713.5	5825	743.5
	10 [1]	23800	711	5800	741

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

4.2. Test mode

Test mode	Link mode

1) Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems and ANSI C63.26 with maximum output power.
2) Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Test configuration is as follow:

Test Items	Bandwidth	Modulation	RB #		
			1	Half	Full
Conducted Output Power	#5	#6	○	○	○
Peak-to-Average Ratio	#5	#6	○	-	○
99% Occupied Bandwidth & 26 dB Bandwidth	#5	#6	-	-	○
Band Edge	#5	#6	○	-	○
Conducted Spurious Emission	#5	#6	○	-	-
Frequency Stability	#5	#6	-	-	○
ERP and EIRP	#5	#6	○	○	○
Radiated Spurious Emission	#5	#6	○	-	-

Note:

- #5: Test all kind of bandwith in section 3.3
- #6: Test all kind of uplink modulation in section 3.3
- ○: means that this configuration is chosen for testing
- -: means that this configuration is not test.
- The device is investigatedfrom 30MHz to10 times offundamental signal for radiated spurious emission test under different bandwidth,modulations and RB size/offset in exploratory test. Subsequently, only the worst case emissions(highest bandwidth,QPSK,and 1RB0) are reported.

4.3. Test sample information

Test item	HTW sample no.
Conducted test items	Please refer to the description in the appendix report
Radiated test items	YPHT25060183002

Note:

Conducted test items: Conducted Output Power, Peak-Average Ratio, 99% Occupied Bandwidth & 26 dB Bandwidth, Band Edge, Conducted Spurious Emissions, Frequency stability, ERP and EIRP

Radiated test items: Radiated Spurious Emission

4.4. Support unit used in test configuration and system

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The following peripheral devices and interface cables were connected during the measurement:

Whether support unit is used?				
✓ No				
Item	Equipment	Trade Name	Model No.	Other
1				
2				

4.5. Testing environmental condition

Voltage	VN=Nominal Voltage	DC 3.80V
	VL=Lower Voltage	DC 3.42V
	VH=Higher Voltage	DC 4.12V
Temperature	TN=Normal Temperature	25 °C
	Extreme Temperature	From −30°C to + 50°C
Humidity	30~60 %	
Air Pressure	950-1050 hPa	

4.6. Statement of the measurement uncertainty

No.	Test Items	Measurement Uncertainty
1	Conducted Output Power	0.66
2	Peak-to-Average Ratio	-
3	99% Occupied Bandwidth & 26 dB Bandwidth	0.002%
4	Band Edge	1.68dB
5	Conducted Spurious Emissions	1.68dB
6	Frequency stability	0.02ppm
7	Radiated Spurious Emission	4.54dB for 30MHz-1GHz 5.10dB for above 1GHz

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

4.7. Equipments Used during the Test

● RF Conducted test item							
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Spectrum Analyzer	Agilent	HTWE0286	N9020A	MY50510187	2024/8/21	2025/8/20
●	Radio communication tester	R&S	HTWE0323	CMW500	137681	2025/3/13	2026/3/12
●	T-Cock	Weinschel	HTWE0289	1580	SC329	2025/4/14	2026/4/13

● Auxiliary Equipment							
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Climate chamber	ESPEC	HTWS0715	GPL-2	N/A	2024/6/11	2025/6/10
●	DC Power Supply	MESTEK	HTWE0705	DP6010	00230820197	N/A	N/A

● Radiated Spurious Emission							
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Semi-Anechoic Chamber	Albatross projects	HTWE0122	SAC-3m-01	C11121	2023/4/17	2026/4/16
●	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2024/8/12	2025/8/11
●	Spectrum Analyzer	Agilent	HTWE0385	N9020A	MY54486658	2024/8/12	2025/8/11
●	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0123	VULB9163	538	2024/4/8	2027/4/7
●	Horn Antenna	SCHWARZBECK	HTWE0126	BBHA 9120D	1011	2023/2/14	2026/2/13
●	Horn Antenna	STEATITE	HTWE0549	QMS-00880	25661	2025/4/14	2028/4/13
●	Pre-Amplifer	CD	HTWE0071	PAP-0102	12004	2025/5/26	2026/5/25
●	Broadband Pre-amplifier	SCHWARZBECK	HTWE0551	SCU18F	100855	2025/5/26	2026/5/25
●	Pre-amplifier	SCHWARZBECK	HTWE0552	SCU40F1	100619	2025/5/26	2026/5/25

● Auxiliary Equipment							
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Radio communication tester	R&S	HTWE0323	CMW500	137681	2025/3/13	2026/3/12
●	High pass filter	Wainwright	HTWE0297	WHKX3.0/18G-10SS	38	2025/5/26	2026/5/25
●	Band Stop filter	-	HTWE0039	N/A	N/A	2025/1/21	2026/1/20

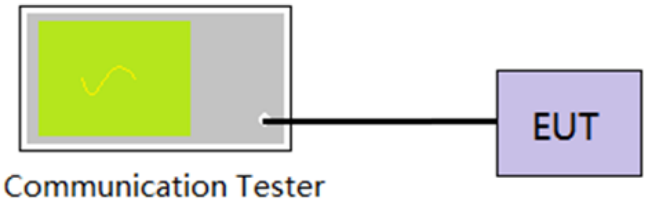
5. TEST CONDITIONS AND RESULTS

5.1. Conducted Output Power

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT output port was connected to communication tester.
2. Set EUT at maximum power through communication tester.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure the maximum burst average power.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

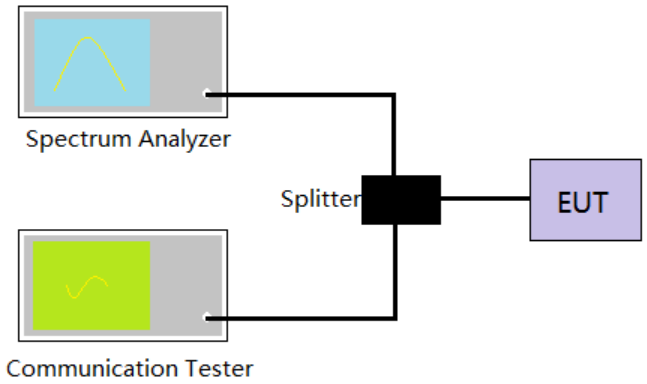
Refer to the appendix report

5.2. Peak-to-Average Ratio

LIMIT

13dB

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. Center Frequency = Carrier frequency, RBW > Emission bandwidth of signal
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed.
   i. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.
   ii. For bursttransmissions, the spectrum analyzer is set to use an internal " RF Burst" trigger that issynced with an incoming pulse and the measurement interval is set to less than the durationof the " on time" of one burst to ensure that energy is only captured during a time in whichthetransmitter is operating at maximum power
6. Record the maximum PAPR level associated with a probability of 0.1%.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

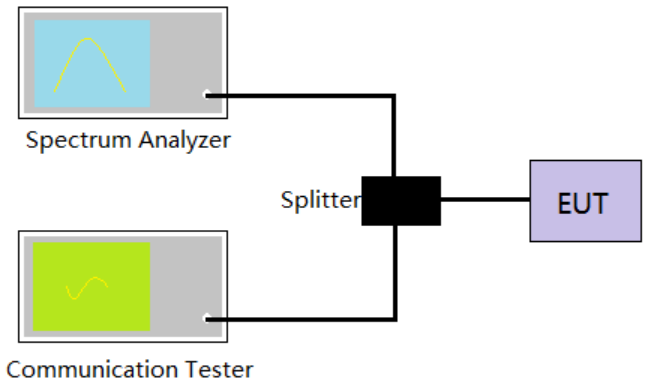
Refer to the appendix report

5.3. 99% Occupied Bandwidth & 26 dB Bandwidth

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. Spectrum analyzer setting as follow:

   Center Frequency= Carrier frequency, RBW=1% to 5% of the anticipated OBW, VBW= 3 * RBW, Detector=Peak,

   Trace maximum hold.
4. Record the value of 99% Occupied bandwidth and 26dB bandwidth.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

Refer to the appendix report

5.4. Band Edge

LIMIT

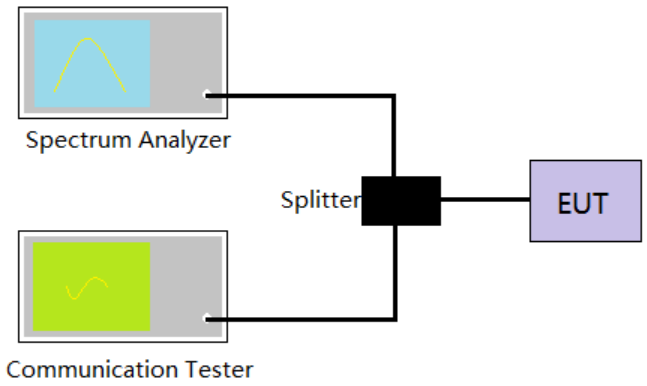
Part 24.238 and Part 22.917 and Part 27.53 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

LTE Band 7

Part 27.53 m(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. The band edges of low and high channels were measured.
4. Spectrum analyzer setting as follow:
   RBW= no less than 1% of the OBW, VBW =3 * RBW, Sweep time= Auto
5. Record the test plot.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

Refer to the appendix report

5.5. Conducted Spurious Emissions

LIMIT

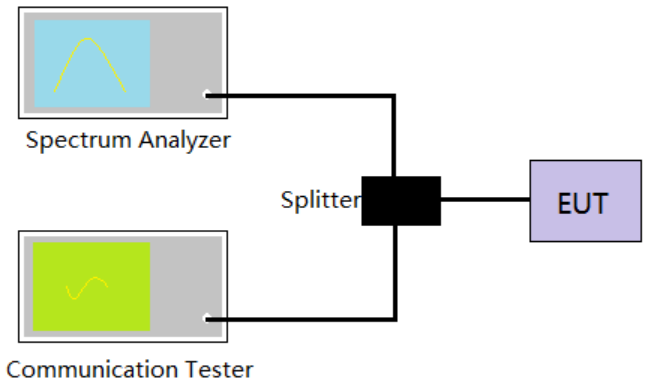
Part 24.238 and Part 22.917 and Part 27.53 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

LTE Band 7

Part 27.53 m(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. Limit <-25 dBm

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. Spectrum analyzer setting as follow:

   Below 1GHz, RBW=100KHz, VBW = 300KHz, Detector=Peak, Sweep time= Auto

   Above 1GHz, RBW=1MHz, VBW=3MHz, Detector=Peak, Sweep time= Auto

   Scan frequency range up to 10th harmonic.
4. Record the test plot.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

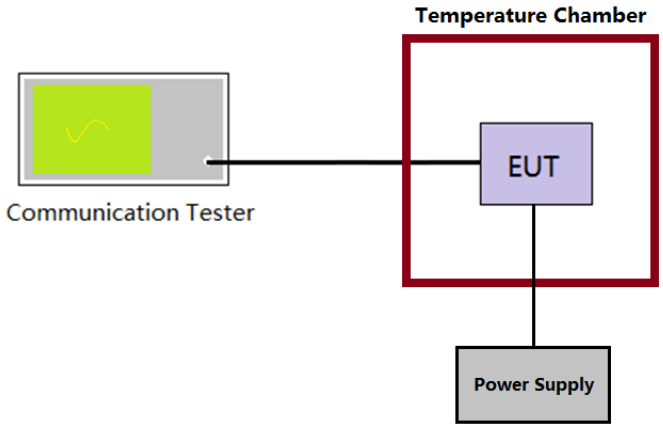
Refer to the appendix report

5.6. Frequency stability VS Temperature measurement

LIMIT

2.5ppm

TEST CONFIGURATION



TEST PROCEDURE

1. The equipment under test was connected to an external DC power supply and input rated voltage.
2. The EUT output port was connected to communication tester.
3. The EUT was placed inside the temperature chamber.
4. Turn EUT off and set the chamber temperature to –30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.
5. Repeat step 4 measure with 10°C increased per stage until the highest temperature of +50°C reached.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

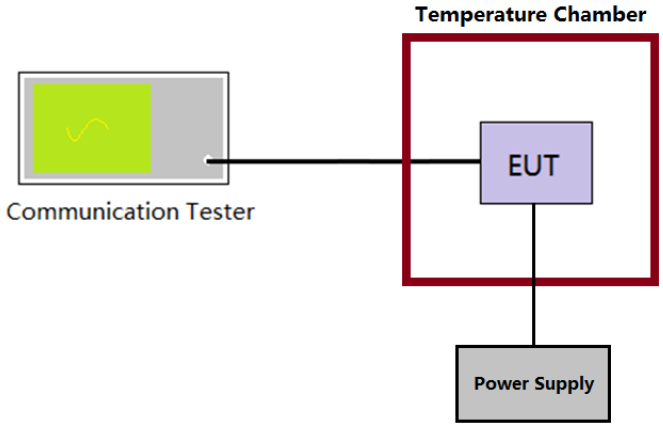
Refer to the appendix report

5.7. Frequency stability VS Voltage measurement

LIMIT

2.5ppm

TEST CONFIGURATION



TEST PROCEDURE

1. The equipment under test was connected to an external DC power supply and input rated voltage.
2. The EUT output port was connected to communication tester.
3. The EUT was placed inside the temperature chamber at 25°C
4. The power supply voltage to the EUT was varied ±15% of the nominal value measured at the input to the EUT
5. Record the maximum frequency change.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

Refer to the appendix report

5.8. ERP and EIRP

LIMIT

LTE Band 2/7: 2W(33dBm) EIRP

LTE Band 4: 1W(30dBm) EIRP

LTE Band 12/17: 3W(34.77dBm) ERP

TEST PROCEDURE

1. According to the power tested in section 5.1, select the maximum power in each mode, and use the following formula to calculate the corresponding ERP/EIRP.
2. ERP = conducted power + Gain(dBd)
3. EIRP = conducted power + Gain(dBi)

   ERP = EIRP - 2.15

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

TEST DATA

Refer to the appendix report

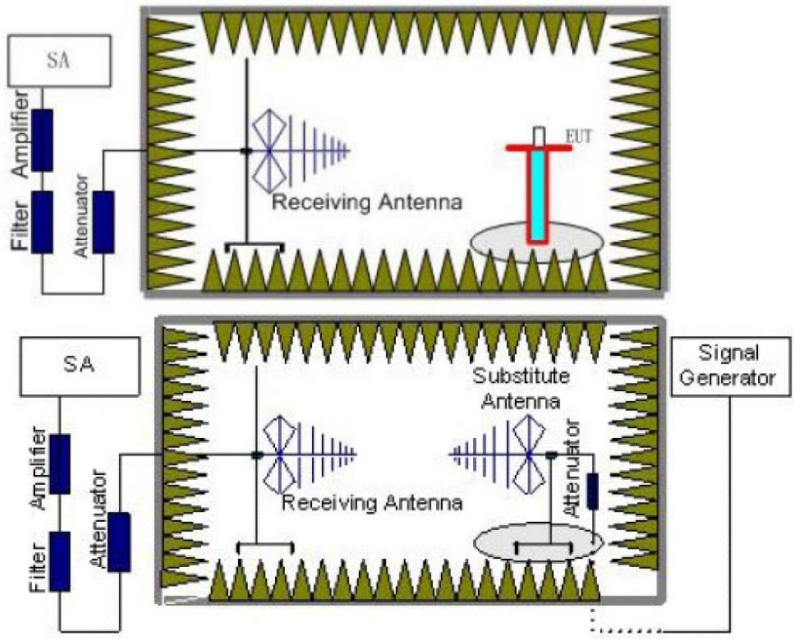
5.9. Radiated Spurious Emission

LIMIT

LTE Band 2/4/12/17: -13dBm

LTE Band 7: -25dBm

TEST CONFIGURATION



TEST PROCEDURE

1. Place the EUT in the center of the turntable.
   a) For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, the EUT shall be placed on a RF-transparent table at a nominal height of 80 cm above the reference ground plane
   b) For radiated measurements performed at frequencies above 1 GHz, the EUT shall be placed on an RF transparent table at a nominal height of 1.5 m above the ground plane.
2. Unless the EUT uses an integral antenna, the EUT shall be terminated with a non-radiating transmitter load. In cases where the EUT uses an adjustable antenna, the antenna shall be adjusted through typical positions and lengths to maximize emissions levels.
3. The EUT shall be tested while operating on the frequency per manufacturer specification. Set the transmitter to operate in continuous transmit mode.
4. Receiver or Spectrum set as follow:

   Below 1GHz, RBW=100kHz, VBW=300kHz, Detector=Peak, Sweep time=Auto

   Above 1GHz, RBW=1MHz, VBW=3MHz, Detector=Peak, Sweep time=Auto
5. Each emission under consideration shall be evaluated:
   a) Raise and lower the measurement antenna from 1 m to 4 m, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
   b) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
   c) Return the turntable to the azimuth where the highest emission amplitude level was observed.
   d) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.
   e) Record the measured emission amplitude level and frequency

6. Repeat step 5 for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.
7. Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.
8. Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.
9. Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.
10. For each emission that was detected and measured in the initial test
    a) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.
    b) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step 5 and step 6.
    c) Record the output power level of the signal generator when equivalence is achieved in step b).
11. Repeat step 8 through step 10 with the measurement antenna oriented in the opposite polarization.
12. Calculate the emission power in dBm referenced to a half-wave dipole using the following equation:

    Pe = Ps(dBm) − cable loss (dB) + antenna gain (dBd)

    where

    Pe = equivalent emission power in dBm

    Ps = source (signal generator) power in dBm

    NOTE—dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.
13. Correct the antenna gain of the substitution antenna if necessary to reference the emission power to a half-wave dipole. When using measurement antennas with the gain specified in dBi, the equivalent dipole-referenced gain can be determined from:

    gain (dBd) = gain (dBi) − 2.15 dB.

    If necessary, the antenna gain can be calculated from calibrated antenna factor information
14. Provide the complete measurement results as a part of the test report.

TEST MODE

Please refer to the clause 4.2

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

Note: only show the worse case for QPSK modulation.

LTE Band 2			
Test channel:	Low	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.74	-72.54	27.43	1.16	30.96	-74.91	-13.00	-61.91	Peak
2	425.24	-71.34	26.00	4.07	29.92	-71.19	-13.00	-58.19	Peak
3	3704.75	-39.45	42.28	5.22	40.75	-32.70	-13.00	-19.70	Peak
4	5554.56	-42.55	43.80	6.45	39.64	-31.94	-13.00	-18.94	Peak
5	7415.25	-49.12	48.48	7.72	39.91	-32.83	-13.00	-19.83	Peak
6	11291.14	-65.78	52.95	9.03	40.41	-44.21	-13.00	-31.21	Peak

Test channel:	Low	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	93.74	-77.70	25.84	1.81	30.63	-80.68	-13.00	-67.68	Peak
2	374.67	-67.67	24.67	3.80	30.16	-69.36	-13.00	-56.36	Peak
3	3704.75	-42.99	42.30	5.22	40.75	-36.22	-13.00	-23.22	Peak
4	5554.56	-43.08	43.95	6.45	39.64	-32.32	-13.00	-19.32	Peak
5	7415.25	-48.16	48.56	7.72	39.91	-31.79	-13.00	-18.79	Peak
6	11676.22	-61.40	53.12	9.41	40.45	-39.32	-13.00	-26.32	Peak

Test channel:	Mid	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.03	-71.83	27.77	1.15	30.96	-73.87	-13.00	-60.87	Peak
2	425.24	-73.69	26.00	4.07	29.92	-73.54	-13.00	-60.54	Peak
3	3747.66	-38.33	42.24	5.24	40.68	-31.53	-13.00	-18.53	Peak
4	5631.73	-43.16	43.77	6.54	39.53	-32.38	-13.00	-19.38	Peak
5	7508.69	-46.28	48.05	7.79	39.93	-30.37	-13.00	-17.37	Peak
6	11370.05	-65.85	52.96	9.10	40.33	-44.12	-13.00	-31.12	Peak

Test channel:	Mid	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	156.64	-76.37	20.89	2.37	30.31	-83.42	-13.00	-70.42	Peak
2	449.85	-72.04	25.28	4.20	29.90	-72.46	-13.00	-59.46	Peak
3	3747.66	-39.76	42.17	5.24	40.68	-33.03	-13.00	-20.03	Peak
4	5631.73	-45.44	43.94	6.54	39.53	-34.49	-13.00	-21.49	Peak
5	7508.69	-48.77	48.40	7.79	39.93	-32.51	-13.00	-19.51	Peak
6	11399.03	-61.58	53.13	9.12	40.30	-39.63	-13.00	-26.63	Peak

Test channel:	High	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.74	-76.65	27.43	1.16	30.96	-79.02	-13.00	-66.02	Peak
2	425.24	-71.61	26.00	4.07	29.92	-71.46	-13.00	-58.46	Peak
3	3805.33	-36.20	42.16	5.27	40.58	-29.35	-13.00	-16.35	Peak
4	5703.86	-40.95	43.87	6.62	39.43	-29.89	-13.00	-16.89	Peak
5	7604.87	-45.74	47.64	7.87	39.96	-30.19	-13.00	-17.19	Peak
6	9514.29	-58.43	49.90	8.60	39.80	-39.73	-13.00	-26.73	Peak

Test channel:	High	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	92.76	-78.45	25.85	1.81	30.65	-81.44	-13.00	-68.44	Peak
2	425.24	-71.66	25.43	4.07	29.92	-72.08	-13.00	-59.08	Peak
3	3805.33	-43.02	42.01	5.27	40.58	-36.32	-13.00	-23.32	Peak
4	5703.86	-42.63	44.02	6.62	39.43	-31.42	-13.00	-18.42	Peak
5	7604.87	-48.59	48.26	7.87	39.96	-32.42	-13.00	-19.42	Peak
6	11663.19	-65.02	53.13	9.40	40.43	-42.92	-13.00	-29.92	Peak

LTE Band 4			
Test channel:	Low	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	39.75	-71.08	27.74	1.15	30.96	-73.15	-13.00	-60.15	Peak
2	374.67	-69.06	24.80	3.80	30.16	-70.62	-13.00	-57.62	Peak
3	3428.21	-39.16	39.99	4.93	40.85	-35.09	-13.00	-22.09	Peak
4	5151.68	-40.74	44.05	6.12	40.02	-30.59	-13.00	-17.59	Peak
5	6868.65	-39.97	47.06	7.40	39.40	-24.91	-13.00	-11.91	Peak
6	8593.22	-53.43	47.37	8.27	40.16	-37.95	-13.00	-24.95	Peak

Test channel:	Low	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	45.75	-72.09	21.68	1.24	30.93	-80.10	-13.00	-67.10	Peak
2	425.24	-74.78	25.43	4.07	29.92	-75.20	-13.00	-62.20	Peak
3	3428.21	-38.61	40.01	4.93	40.85	-34.52	-13.00	-21.52	Peak
4	5151.68	-40.01	44.06	6.12	40.02	-29.85	-13.00	-16.85	Peak
5	6868.65	-46.28	47.39	7.40	39.40	-30.89	-13.00	-17.89	Peak
6	8593.22	-57.39	47.74	8.27	40.16	-41.54	-13.00	-28.54	Peak

Test channel:	Mid	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	39.75	-71.69	27.74	1.15	30.96	-73.76	-13.00	-60.76	Peak
2	434.30	-76.13	26.02	4.12	29.98	-75.97	-13.00	-62.97	Peak
3	3454.49	-41.64	40.36	4.98	40.88	-37.18	-13.00	-24.18	Peak
4	5191.17	-42.85	43.97	6.16	39.97	-32.69	-13.00	-19.69	Peak
5	6921.30	-41.97	47.30	7.39	39.43	-26.71	-13.00	-13.71	Peak
6	8659.10	-50.92	47.81	8.29	40.14	-34.96	-13.00	-21.96	Peak

Test channel:	Mid	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	90.82	-80.02	25.88	1.79	30.69	-83.04	-13.00	-70.04	Peak
2	425.24	-75.74	25.43	4.07	29.92	-76.16	-13.00	-63.16	Peak
3	3454.49	-39.63	40.42	4.98	40.88	-35.11	-13.00	-22.11	Peak
4	5191.17	-42.20	43.95	6.16	39.97	-32.06	-13.00	-19.06	Peak
5	6921.30	-48.78	47.37	7.39	39.43	-33.45	-13.00	-20.45	Peak
6	8659.10	-62.60	48.28	8.29	40.14	-46.17	-13.00	-33.17	Peak

Test channel:	High	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	39.75	-71.25	27.74	1.15	30.96	-73.32	-13.00	-60.32	Peak
2	425.24	-75.89	26.00	4.07	29.92	-75.74	-13.00	-62.74	Peak
3	3480.97	-41.06	40.74	5.03	40.91	-36.20	-13.00	-23.20	Peak
4	5217.66	-39.74	43.96	6.18	39.94	-29.54	-13.00	-16.54	Peak
5	6974.36	-47.10	47.53	7.38	39.46	-31.65	-13.00	-18.65	Peak
6	12210.02	-55.37	52.65	9.93	40.94	-33.73	-13.00	-20.73	Peak

Test channel:	High	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	139.97	-75.88	21.94	2.23	30.50	-82.21	-13.00	-69.21	Peak
2	425.24	-75.99	25.43	4.07	29.92	-76.41	-13.00	-63.41	Peak
3	3480.97	-39.23	40.83	5.03	40.91	-34.28	-13.00	-21.28	Peak
4	5217.66	-42.22	43.94	6.18	39.94	-32.04	-13.00	-19.04	Peak
5	6974.36	-52.60	47.36	7.38	39.46	-37.32	-13.00	-24.32	Peak
6	12210.02	-60.25	52.27	9.93	40.94	-38.99	-13.00	-25.99	Peak

LTE Band 7			
Test channel:	Low	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	44.64	-72.56	25.69	1.22	30.94	-76.59	-25.00	-51.59	Peak
2	425.24	-74.90	26.00	4.07	29.92	-74.75	-25.00	-49.75	Peak
3	5009.43	-39.89	44.34	6.01	40.19	-29.73	-25.00	-4.73	Peak
4	7527.83	-51.87	47.96	7.81	39.94	-36.04	-25.00	-11.04	Peak
5	10036.73	-54.51	50.50	8.63	39.92	-35.30	-25.00	-10.30	Peak
6	12556.75	-48.93	52.76	10.20	40.93	-26.90	-25.00	-1.90	Peak

Test channel:	Low	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	93.74	-80.79	25.84	1.81	30.63	-83.77	-25.00	-58.77	Peak
2	425.24	-76.40	25.43	4.07	29.92	-76.82	-25.00	-51.82	Peak
3	5009.43	-42.61	44.48	6.01	40.19	-32.31	-25.00	-7.31	Peak
4	7527.83	-50.11	48.37	7.81	39.94	-33.87	-25.00	-8.87	Peak
5	10036.73	-53.81	50.64	8.63	39.92	-34.46	-25.00	-9.46	Peak
6	12556.75	-53.01	51.43	10.20	40.93	-32.31	-25.00	-7.31	Peak

Test channel:	Mid	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	374.67	-68.32	24.80	3.80	30.16	-69.88	-25.00	-44.88	Peak
2	800.80	-73.24	29.86	5.79	29.33	-66.92	-25.00	-41.92	Peak
3	5060.69	-42.46	44.23	6.05	40.13	-32.31	-25.00	-7.31	Peak
4	7604.87	-46.96	47.64	7.87	39.96	-31.41	-25.00	-6.41	Peak
5	10139.45	-53.23	50.76	8.71	39.98	-33.74	-25.00	-8.74	Peak
6	12685.25	-52.96	52.75	10.43	40.78	-30.56	-25.00	-5.56	Peak

Test channel:	Mid	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-71.75	21.29	1.18	30.95	-80.23	-25.00	-55.23	Peak
2	449.85	-72.58	25.28	4.20	29.90	-73.00	-25.00	-48.00	Peak
3	5060.69	-42.04	44.33	6.05	40.13	-31.79	-25.00	-6.79	Peak
4	7604.87	-50.26	48.26	7.87	39.96	-34.09	-25.00	-9.09	Peak
5	10139.45	-52.98	51.02	8.71	39.98	-33.23	-25.00	-8.23	Peak
6	12685.25	-50.93	51.63	10.43	40.78	-29.65	-25.00	-4.65	Peak

Test channel:	High	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.74	-74.14	27.43	1.16	30.96	-76.51	-25.00	-51.51	Peak
2	425.24	-75.33	26.00	4.07	29.92	-75.18	-25.00	-50.18	Peak
3	3454.49	-56.75	40.36	4.98	40.88	-52.29	-25.00	-27.29	Peak
4	5112.49	-39.49	44.13	6.09	40.07	-29.34	-25.00	-4.34	Peak
5	7663.17	-48.89	47.71	7.92	39.97	-33.23	-25.00	-8.23	Peak
6	10243.22	-57.85	51.03	8.79	40.05	-38.08	-25.00	-13.08	Peak

Test channel:	High	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	45.75	-71.53	21.68	1.24	30.93	-79.54	-25.00	-54.54	Peak
2	425.24	-75.33	25.43	4.07	29.92	-75.75	-25.00	-50.75	Peak
3	3454.49	-59.43	40.42	4.98	40.88	-54.91	-25.00	-29.91	Peak
4	5112.49	-41.49	44.18	6.09	40.07	-31.29	-25.00	-6.29	Peak
5	7682.70	-47.07	48.38	7.94	39.98	-30.73	-25.00	-5.73	Peak
6	10243.22	-56.21	51.40	8.79	40.05	-36.07	-25.00	-11.07	Peak

LTE Band 12			
Test channel:	Low	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	61.26	-95.22	23.51	1.44	0.00	-70.27	-13.00	-57.27	Peak
2	453.02	-93.70	25.92	4.22	0.00	-63.56	-13.00	-50.56	Peak
3	1399.35	-40.86	37.16	3.07	41.31	-41.94	-13.00	-28.94	Peak
4	2097.51	-31.39	40.04	3.80	41.10	-28.65	-13.00	-15.65	Peak
5	4202.50	-46.45	42.29	5.72	40.37	-38.81	-13.00	-25.81	Peak
6	4895.97	-52.13	43.99	5.94	40.24	-42.44	-13.00	-29.44	Peak

Test channel:	Low	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	100.57	-95.65	25.67	1.88	0.00	-68.10	-13.00	-55.10	Peak
2	420.77	-93.73	25.38	4.05	0.00	-64.30	-13.00	-51.30	Peak
3	1399.35	-39.11	37.76	3.07	41.31	-39.59	-13.00	-26.59	Peak
4	2097.51	-33.58	40.02	3.80	41.10	-30.86	-13.00	-17.86	Peak
5	2684.96	-47.90	39.81	4.28	41.10	-44.91	-13.00	-31.91	Peak
6	4202.50	-43.69	42.54	5.72	40.37	-35.80	-13.00	-22.80	Peak

Test channel:	Mid	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	37.84	-95.37	27.46	1.12	0.00	-66.79	-13.00	-53.79	Peak
2	426.73	-94.88	26.00	4.08	0.00	-64.80	-13.00	-51.80	Peak
3	2108.21	-37.12	40.14	3.82	41.10	-34.26	-13.00	-21.26	Peak
4	2684.96	-48.77	39.61	4.28	41.10	-45.98	-13.00	-32.98	Peak
5	3454.49	-50.18	40.36	4.98	40.88	-45.72	-13.00	-32.72	Peak
6	4223.95	-49.16	42.36	5.75	40.41	-41.46	-13.00	-28.46	Peak

Test channel:	Mid	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	104.54	-94.76	25.14	1.92	0.00	-67.70	-13.00	-54.70	Peak
2	505.20	-94.80	26.14	4.47	0.00	-64.19	-13.00	-51.19	Peak
3	1406.50	-45.60	37.76	3.09	41.30	-46.05	-13.00	-33.05	Peak
4	2108.21	-31.60	40.20	3.82	41.10	-28.68	-13.00	-15.68	Peak
5	4223.95	-48.72	42.59	5.75	40.41	-40.79	-13.00	-27.79	Peak
6	7961.43	-60.21	47.79	8.03	39.95	-44.34	-13.00	-31.34	Peak

Test channel:	High	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	58.52	-96.73	24.38	1.40	0.00	-70.95	-13.00	-57.95	Peak
2	423.74	-94.99	25.99	4.06	0.00	-64.94	-13.00	-51.94	Peak
3	1413.67	-47.21	37.07	3.09	41.31	-48.36	-13.00	-35.36	Peak
4	2118.97	-35.36	40.24	3.84	41.10	-32.38	-13.00	-19.38	Peak
5	3534.54	-46.52	41.49	5.14	40.97	-40.86	-13.00	-27.86	Peak
6	4245.51	-48.08	42.43	5.78	40.45	-40.32	-13.00	-27.32	Peak

Test channel:	High	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	89.87	-95.33	25.83	1.78	0.00	-67.72	-13.00	-54.72	Peak
2	445.13	-95.18	25.44	4.18	0.00	-65.56	-13.00	-52.56	Peak
3	1410.08	-43.40	37.76	3.09	41.30	-43.85	-13.00	-30.85	Peak
4	2118.97	-32.53	40.38	3.84	41.10	-29.41	-13.00	-16.41	Peak
5	3534.54	-50.81	41.64	5.14	40.97	-45.00	-13.00	-32.00	Peak
6	4245.51	-48.85	42.64	5.78	40.45	-40.88	-13.00	-27.88	Peak

LTE Band 17			
Test channel:	Low	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	54.54	-93.75	24.00	1.35	0.00	-68.40	-13.00	-55.40	Peak
2	446.69	-95.73	25.98	4.18	0.00	-65.57	-13.00	-52.57	Peak
3	2113.59	-37.12	40.19	3.83	41.10	-34.20	-13.00	-21.20	Peak
4	3525.56	-52.45	41.36	5.12	40.96	-46.93	-13.00	-33.93	Peak
5	4234.72	-48.96	42.40	5.76	40.43	-41.23	-13.00	-28.23	Peak
6	4946.07	-53.95	44.17	5.97	40.22	-44.03	-13.00	-31.03	Peak

Test channel:	Low	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	98.47	-96.51	25.77	1.86	0.00	-68.88	-13.00	-55.88	Peak
2	492.92	-94.88	26.08	4.41	0.00	-64.39	-13.00	-51.39	Peak
3	1410.08	-47.49	37.76	3.09	41.30	-47.94	-13.00	-34.94	Peak
4	2113.59	-30.92	40.29	3.83	41.10	-27.90	-13.00	-14.90	Peak
5	4234.72	-49.80	42.61	5.76	40.43	-41.86	-13.00	-28.86	Peak
6	10348.05	-62.33	51.78	8.88	40.11	-41.78	-13.00	-28.78	Peak

Test channel:	Mid	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-95.19	26.96	1.18	0.00	-67.05	-13.00	-54.05	Peak
2	453.02	-94.17	25.92	4.22	0.00	-64.03	-13.00	-51.03	Peak
3	2113.59	-35.56	40.19	3.83	41.10	-32.64	-13.00	-19.64	Peak
4	3072.77	-50.98	41.16	4.54	40.90	-46.18	-13.00	-33.18	Peak
5	4234.72	-50.31	42.40	5.76	40.43	-42.58	-13.00	-29.58	Peak
6	7063.69	-59.28	47.72	7.38	39.53	-43.71	-13.00	-30.71	Peak

Test channel:	Mid	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	103.44	-96.10	25.28	1.90	0.00	-68.92	-13.00	-55.92	Peak
2	345.56	-93.90	24.65	3.64	0.00	-65.61	-13.00	-52.61	Peak
3	1410.08	-49.89	37.76	3.09	41.30	-50.34	-13.00	-37.34	Peak
4	2113.59	-31.46	40.29	3.83	41.10	-28.44	-13.00	-15.44	Peak
5	4234.72	-50.61	42.61	5.76	40.43	-42.67	-13.00	-29.67	Peak
6	11312.31	-63.61	53.05	9.05	40.39	-41.90	-13.00	-28.90	Peak

Test channel:	High	Polarization:	Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	38.78	-96.09	27.60	1.13	0.00	-67.36	-13.00	-54.36	Peak
2	462.68	-94.05	25.76	4.27	0.00	-64.02	-13.00	-51.02	Peak
3	1410.08	-47.54	37.10	3.09	41.30	-48.65	-13.00	-35.65	Peak
4	2113.59	-35.74	40.19	3.83	41.10	-32.82	-13.00	-19.82	Peak
5	3525.56	-48.61	41.36	5.12	40.96	-43.09	-13.00	-30.09	Peak
6	4234.72	-47.47	42.40	5.76	40.43	-39.74	-13.00	-26.74	Peak

Test channel:	High	Polarization:	Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	96.76	-96.46	25.79	1.84	0.00	-68.83	-13.00	-55.83	Peak
2	419.30	-94.91	25.37	4.04	0.00	-65.50	-13.00	-52.50	Peak
3	2113.59	-36.16	40.29	3.83	41.10	-33.14	-13.00	-20.14	Peak
4	2684.96	-46.57	39.81	4.28	41.10	-43.58	-13.00	-30.58	Peak
5	4234.72	-51.55	42.61	5.76	40.43	-43.61	-13.00	-30.61	Peak
6	10453.95	-62.36	52.16	8.96	40.17	-41.41	-13.00	-28.41	Peak

6. TEST SETUP PHOTOS OF THE EUT

Refer to the test report No.: CHTW25070051

7. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Refer to the test report No.: CHTW25070051

8. APPENDIX REPORT

APPENDIX REPORT

Project No.	SHT2506018302W	Radio Specification	LTE
Test sample No.	YPHT25060183003	Model No.	Star9 Max
Start test date	2025-07-01	Finish date	2025-07-03
Temperature	25.3℃	Humidity	52%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zhao

Appendix clause	Test item	Result
A	Conducted Output Power	PASS
B	Peak-to-Average Ratio	PASS
C	26 dB Bandwidth and Occupied Bandwidth	PASS
D	Band edge	PASS
E	Conducted Spurious Emission	PASS
F	Frequency Stability	PASS
G	ERP and EIRP	PASS

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.71	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.62	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.67	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.01	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.85	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.78	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.93	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.44	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.35	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.39	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.74	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.58	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.51	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.66	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.48	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.39	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.43	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.78	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.62	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.55	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.70	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.13	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.04	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.09	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.45	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.29	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.22	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.37	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.86	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.77	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.81	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.18	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.03	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.96	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.11	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.90	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.81	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.85	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.22	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.06	PASS

Band2	1.4MHz	16QAM	19193	3RB#3	21.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.14	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.73	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.64	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.69	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.03	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.87	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.80	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.95	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.46	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.37	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.41	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.76	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.60	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.53	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.68	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.50	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.41	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.45	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.80	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.64	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.57	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.72	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.15	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.06	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.10	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.46	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.31	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.24	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.39	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.88	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.79	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.83	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.20	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.05	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.98	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.12	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.92	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.83	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.87	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.24	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.08	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.02	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.16	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.75	PASS

Band2	5MHz	QPSK	18625	1RB#12	22.66	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.70	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.04	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.88	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.82	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.96	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.47	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.38	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.42	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.77	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.61	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.55	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.69	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.51	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.42	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.46	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.81	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.65	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.59	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.73	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.17	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.08	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.12	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.48	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.32	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.26	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.40	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.89	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.81	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.85	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.21	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.06	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.14	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.93	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.84	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.89	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.25	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.10	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.03	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.18	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.76	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.67	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.71	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.05	PASS

Band2	10MHz	QPSK	18650	25RB#12	21.89	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.83	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.97	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.48	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.39	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.43	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.78	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.62	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.56	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.70	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.52	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.43	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.47	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.82	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.66	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.60	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.74	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.18	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.09	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.13	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.49	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.27	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.41	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.90	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.82	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.86	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.22	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.07	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.01	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.15	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.94	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.86	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.90	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.26	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.11	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.04	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.19	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.72	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.63	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.67	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.02	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.85	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.79	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.94	PASS

Band2	15MHz	QPSK	18900	1RB#0	22.44	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.35	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.39	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.75	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.59	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.52	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.67	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.48	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.39	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.43	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.78	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.62	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.56	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.71	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.14	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.05	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.09	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.45	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.29	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.23	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.37	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.87	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.78	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.82	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.19	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.03	PASS
Band2	15MHz	16QAM	18900	38RB#37	20.97	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.11	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.91	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.82	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.86	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.23	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.07	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.15	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.79	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.70	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.74	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.08	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.92	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.85	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.51	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.42	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.46	PASS

Band2	20MHz	QPSK	18900	50RB#0	21.81	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.65	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.59	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.73	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.55	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.46	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.50	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.85	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.69	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.62	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.77	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.21	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.12	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.16	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.52	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.36	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.29	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.44	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.93	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.85	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.89	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.25	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.10	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.03	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.18	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.97	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.88	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.93	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.29	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.13	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.07	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.21	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.35	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.39	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.74	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.58	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.51	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.66	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.21	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.25	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.60	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.45	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.38	PASS

Band4	1.4MHz	QPSK	20175	6RB#0	21.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.67	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.58	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.63	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.97	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.81	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.74	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.89	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.77	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.81	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.18	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.03	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.96	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.11	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.72	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.64	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.68	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.05	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.90	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.83	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.97	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.09	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.05	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.41	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.25	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.33	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.46	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.37	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.41	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.76	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.60	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.53	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.68	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.32	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.23	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.27	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.62	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.47	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.40	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.55	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.69	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.60	PASS

Band4	3MHz	QPSK	20385	1RB#14	22.65	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.99	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.83	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.76	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.91	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.88	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.79	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.83	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.20	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.05	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.98	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.12	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.74	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.66	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.70	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.07	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.92	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.85	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.99	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.11	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.02	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.07	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.43	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.27	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.21	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.35	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.47	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.38	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.42	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.77	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.61	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.55	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.69	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.33	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.24	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.28	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.64	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.48	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.41	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.56	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.71	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.62	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.66	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.84	PASS

Band4	5MHz	QPSK	20375	12RB#13	21.78	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.93	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.89	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.81	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.85	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.21	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.06	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.14	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.76	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.67	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.71	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.08	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.93	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.86	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.01	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.13	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.04	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.08	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.44	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.28	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.22	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.36	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.48	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.39	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.43	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.78	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.62	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.56	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.70	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.34	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.25	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.29	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.65	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.49	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.42	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.57	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.72	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.63	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.67	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.02	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.85	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.79	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.94	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.90	PASS

Band4	10MHz	16QAM	20000	1RB#24	21.82	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.86	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.22	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.07	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.01	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.15	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.77	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.68	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.72	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.09	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.94	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.87	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.02	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.14	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.05	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.09	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.45	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.29	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.23	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.37	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.44	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.35	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.39	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.75	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.59	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.52	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.67	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.21	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.25	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.61	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.45	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.39	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.53	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.68	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.59	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.63	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.98	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.82	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.75	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.90	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.87	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.78	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.82	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.19	PASS

Band4	15MHz	16QAM	20025	38RB#18	21.03	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.97	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.11	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.73	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.64	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.68	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.06	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.90	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.84	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.98	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.10	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.01	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.05	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.41	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.26	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.34	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.51	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.42	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.46	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.81	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.65	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.59	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.73	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.37	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.28	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.32	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.68	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.52	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.45	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.60	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.75	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.66	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.70	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.04	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.88	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.96	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.93	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.85	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.89	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.25	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.10	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.03	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.18	PASS

Band4	20MHz	16QAM	20175	1RB#0	21.80	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.71	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.75	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.12	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.97	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.90	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.04	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.17	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.08	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.12	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.48	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.32	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.40	PASS
Band7	5MHz	QPSK	20775	1RB#0	23.99	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.89	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.94	PASS
Band7	5MHz	QPSK	20775	12RB#0	23.24	PASS
Band7	5MHz	QPSK	20775	12RB#6	23.08	PASS
Band7	5MHz	QPSK	20775	12RB#13	23.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.16	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.86	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.76	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.81	PASS
Band7	5MHz	QPSK	21100	12RB#0	23.12	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.95	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.88	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.04	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.72	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.62	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.67	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.98	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.82	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.75	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.90	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.37	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.28	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.32	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.65	PASS
Band7	5MHz	16QAM	20775	12RB#6	22.48	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.42	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.57	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.25	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.16	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.20	PASS

Band7	5MHz	16QAM	21100	12RB#0	22.53	PASS
Band7	5MHz	16QAM	21100	12RB#6	22.36	PASS
Band7	5MHz	16QAM	21100	12RB#13	22.29	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.45	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.11	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.02	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.06	PASS
Band7	5MHz	16QAM	21425	12RB#0	22.39	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.23	PASS
Band7	5MHz	16QAM	21425	12RB#13	22.16	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.31	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.93	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.83	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.88	PASS
Band7	10MHz	QPSK	20800	25RB#0	23.19	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.02	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.95	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.10	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.80	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.70	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.75	PASS
Band7	10MHz	QPSK	21100	25RB#0	23.06	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.89	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.82	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.98	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.66	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.57	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.61	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.93	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.76	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.69	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.84	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.32	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.22	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.27	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.59	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.43	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.36	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.51	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.19	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.10	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.14	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.47	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.31	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.24	PASS

Band7	10MHz	16QAM	21100	50RB#0	22.39	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.05	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.96	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.34	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.17	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.11	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.26	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.95	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.86	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.90	PASS
Band7	15MHz	QPSK	20825	38RB#0	23.21	PASS
Band7	15MHz	QPSK	20825	38RB#18	23.04	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.97	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.13	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.82	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.73	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.77	PASS
Band7	15MHz	QPSK	21100	38RB#0	23.08	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.92	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.68	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.59	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.63	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.95	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.78	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.71	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.87	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.34	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.25	PASS
Band7	15MHz	16QAM	20825	1RB#74	23.29	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.62	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.45	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.38	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.53	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.21	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.12	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.16	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.49	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.33	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.26	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.41	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.08	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.98	PASS

Band7	15MHz	16QAM	21375	1RB#74	23.03	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.36	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.20	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.13	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.28	PASS
Band7	20MHz	QPSK	20850	1RB#0	24.04	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.94	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.99	PASS
Band7	20MHz	QPSK	20850	50RB#0	23.29	PASS
Band7	20MHz	QPSK	20850	50RB#25	23.12	PASS
Band7	20MHz	QPSK	20850	50RB#50	23.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.91	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.81	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.86	PASS
Band7	20MHz	QPSK	21100	50RB#0	23.17	PASS
Band7	20MHz	QPSK	21100	50RB#25	23.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	23.08	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.77	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.67	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.72	PASS
Band7	20MHz	QPSK	21350	50RB#0	23.03	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.86	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	23.42	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.33	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.37	PASS
Band7	20MHz	16QAM	20850	50RB#0	22.70	PASS
Band7	20MHz	16QAM	20850	50RB#25	22.53	PASS
Band7	20MHz	16QAM	20850	50RB#50	22.46	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.62	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.30	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.20	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.25	PASS
Band7	20MHz	16QAM	21100	50RB#0	22.57	PASS
Band7	20MHz	16QAM	21100	50RB#25	22.41	PASS
Band7	20MHz	16QAM	21100	50RB#50	22.34	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.49	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.16	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.07	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.11	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.44	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.28	PASS

Band7	20MHz	16QAM	21350	50RB#50	22.21	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	22.54	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.45	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.49	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	21.84	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	21.68	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	21.62	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.76	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.50	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.41	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.45	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	21.80	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	21.65	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	21.58	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.73	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.42	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.37	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	21.73	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	21.57	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.50	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.65	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.88	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.92	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.28	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.13	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.06	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.21	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.93	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.84	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.88	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.25	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.09	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.03	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.85	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.76	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.80	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.17	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.02	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.95	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.09	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.49	PASS

Band12	3MHz	QPSK	23025	1RB#8	22.40	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.44	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.79	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.63	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.56	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.45	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.36	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.40	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.75	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.59	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.52	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.67	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.37	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.40	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.44	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.79	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.63	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.56	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.71	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.91	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.82	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.86	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.23	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.07	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.01	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.15	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.87	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.78	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.82	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.19	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.04	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.97	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.11	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.79	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.71	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.75	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.12	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.96	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.90	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.04	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.51	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.42	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.46	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.81	PASS

Band12	5MHz	QPSK	23035	12RB#6	21.65	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.58	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.73	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.47	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.38	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.42	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.61	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.55	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.69	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.39	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.30	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.34	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.69	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.54	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.47	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.62	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.93	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.84	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.88	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.25	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.10	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.03	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.17	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.89	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.81	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.85	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.21	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.06	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.99	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.14	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.82	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.73	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.14	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.98	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.92	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.06	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.59	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.50	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.54	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.89	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.73	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.66	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.81	PASS

Band12	10MHz	QPSK	23095	1RB#0	22.55	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.46	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.50	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.85	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.69	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.62	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.47	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.38	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.42	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.61	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.55	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.69	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.01	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.92	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.96	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.33	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.17	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.11	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.25	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.97	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.88	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.93	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.29	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.13	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.07	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.21	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.89	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.81	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.85	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.21	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.06	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.14	PASS
Band17	5MHz	QPSK	23755	1RB#0	22.56	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.47	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.51	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.86	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.70	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.63	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.78	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.68	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.59	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.63	PASS

Band17	5MHz	QPSK	23790	12RB#0	21.97	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.81	PASS
Band17	5MHz	QPSK	23790	12RB#13	21.75	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.89	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.73	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.64	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.68	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.02	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.86	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.80	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.94	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.98	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.89	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.93	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.30	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.14	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.08	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.22	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.10	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.01	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.05	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.41	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.25	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.19	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.33	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.15	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.06	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.10	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.46	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.30	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.24	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.38	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.64	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.55	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.59	PASS
Band17	10MHz	QPSK	23780	25RB#0	21.94	PASS
Band17	10MHz	QPSK	23780	25RB#12	21.78	PASS
Band17	10MHz	QPSK	23780	25RB#25	21.71	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.86	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.76	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.67	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.71	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.05	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.89	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.83	PASS

Band17	10MHz	QPSK	23790	50RB#0	21.97	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.81	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.72	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.76	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.10	PASS
Band17	10MHz	QPSK	23800	25RB#12	21.94	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.87	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.02	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.06	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.97	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.01	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.38	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.22	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.15	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.30	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.18	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.09	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.13	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.49	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.33	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.27	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.41	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.23	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.14	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.18	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.54	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.38	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.31	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.46	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.75	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.61	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.21	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.94	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	5.16	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.86	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.38	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.09	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.37	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.21	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.93	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.67	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.75	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.60	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.13	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.92	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	5.25	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	6.01	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.42	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.14	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.56	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.36	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.00	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.72	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.71	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.28	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.24	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.94	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	5.37	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.80	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.39	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.04	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.92	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.56	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.02	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.71	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.80	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.29	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.32	13	PASS

Band2	10MHz	16QAM	18650	50RB#0	6.03	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	5.34	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	6.06	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.41	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.09	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	5.26	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.82	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.24	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.97	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.84	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.38	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.70	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.14	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	5.34	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	6.02	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.76	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.19	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	5.33	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	6.01	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.74	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.19	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.70	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.27	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.54	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.19	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	5.38	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.95	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.60	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.20	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	5.04	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.58	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.69	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.30	13	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3.77	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.28	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.32	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.73	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.49	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.91	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.72	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.09	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.35	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.10	13	PASS

Band4	3MHz	QPSK	19965	1RB#0	3.83	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.51	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.41	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.22	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.75	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.28	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.22	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.99	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.04	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.77	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.46	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.26	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.90	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.46	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.37	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.12	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.78	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.37	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.21	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.97	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.27	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.57	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.28	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.87	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.39	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.54	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.31	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.63	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.24	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.01	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.57	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.77	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.45	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.83	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.34	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.03	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.61	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.61	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.25	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.59	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.06	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.79	13	PASS

Band4	15MHz	16QAM	20325	1RB#0	5.49	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.23	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.82	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.68	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.30	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.11	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.84	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.42	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.86	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.47	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.11	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.64	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.47	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.28	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.96	13	PASS
Band7	5MHz	QPSK	20775	1RB#0	3.64	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	3.91	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.33	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.15	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.50	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.15	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.98	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.69	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.48	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.20	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.87	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.66	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.56	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.12	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.43	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.27	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.58	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.11	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.03	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.80	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.70	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.14	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.11	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.80	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.79	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.26	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.85	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.59	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.66	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.08	13	PASS

Band7	15MHz	QPSK	21100	75RB#0	5.41	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.92	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.70	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.18	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.50	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.95	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.49	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	3.88	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.97	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.69	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.38	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.08	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.29	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.01	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.51	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.21	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.27	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.00	13	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	5.35	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.36	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.55	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.33	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.33	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.19	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.48	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.23	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.20	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.89	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.41	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.18	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.42	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.47	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.44	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.26	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.43	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.25	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.55	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.27	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.23	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.89	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.44	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.12	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.23	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.78	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.47	13	PASS

Band12	5MHz	16QAM	23035	25RB#0	6.17	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.86	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.56	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.19	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.47	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.02	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.38	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.08	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.40	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.30	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.39	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.18	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.31	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.06	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.31	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.36	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.89	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.53	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.26	13	PASS
Band17	5MHz	QPSK	23755	1RB#0	5.18	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.74	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.55	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.20	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.61	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.99	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.59	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.23	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.52	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	6.17	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.41	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.12	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.33	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.21	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.67	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.36	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.43	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.23	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.62	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.29	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.36	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.94	13	PASS
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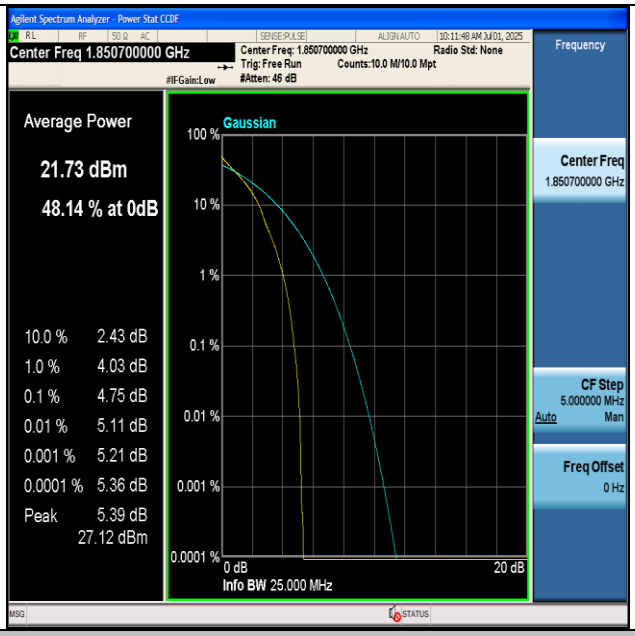
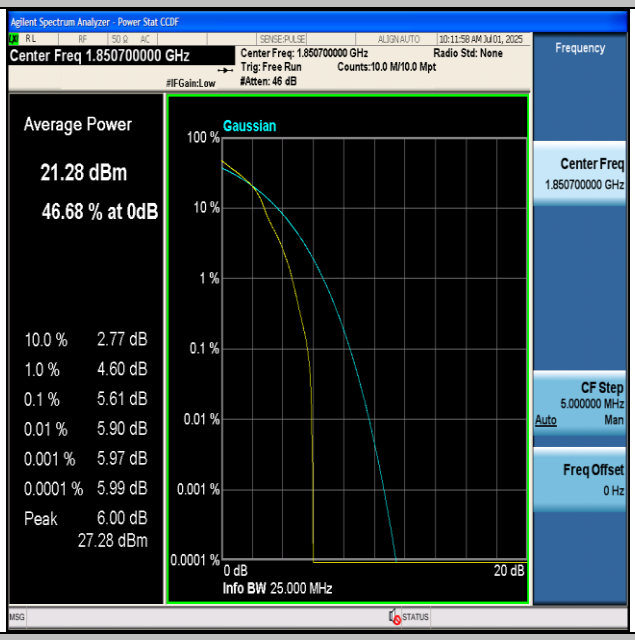
Band17	10MHz	16QAM	23800	50RB#0	6.25	13	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-1RB#0-PASS



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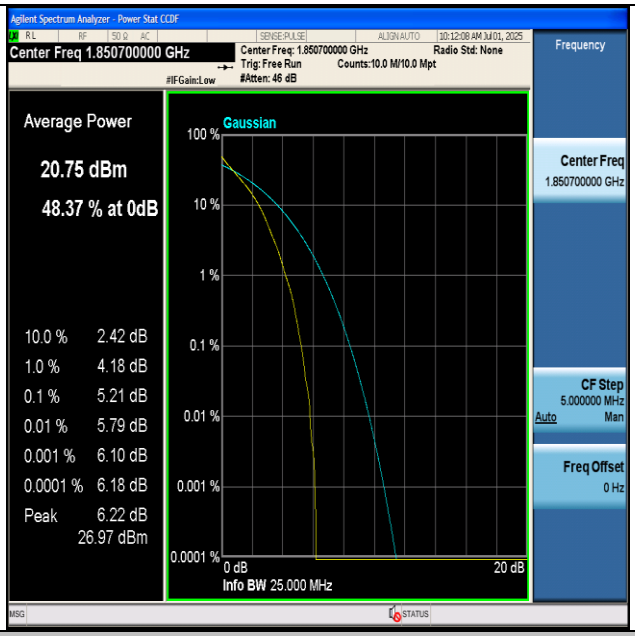
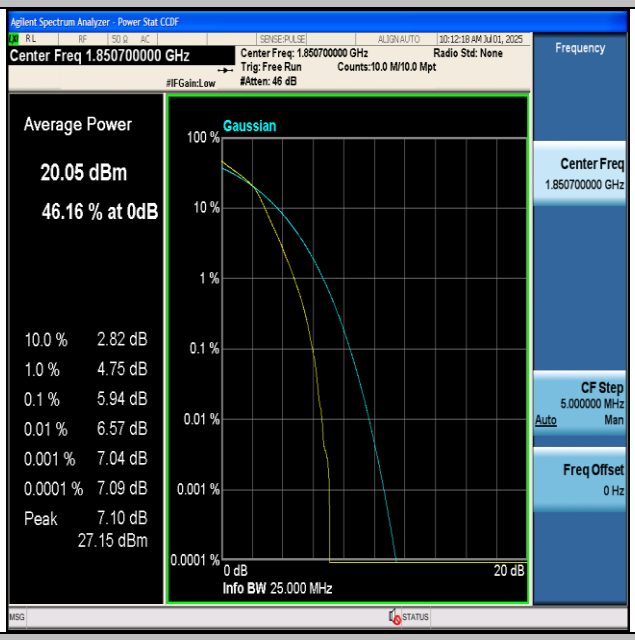
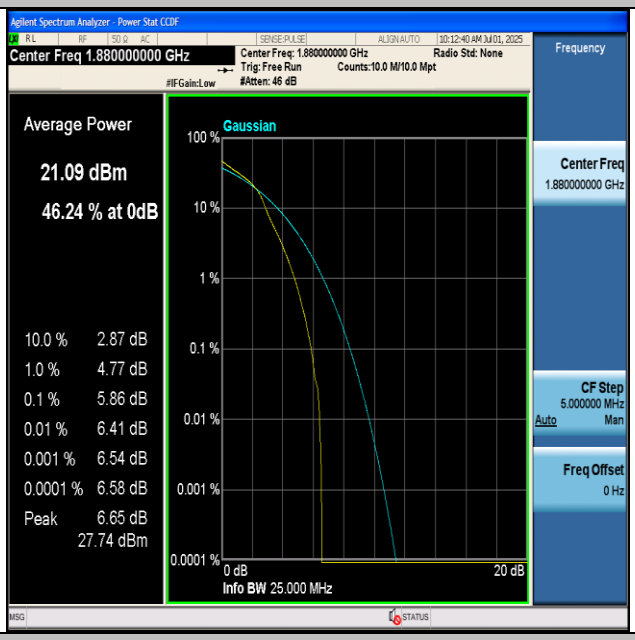


Band2-1.4MHz-QPSK-18607-6RB#0-PASS



Band2-1.4MHz-16QAM-18607-6RB#0-PASS

Band2-1.4MHz-QPSK-18900-1RB#0-PASS



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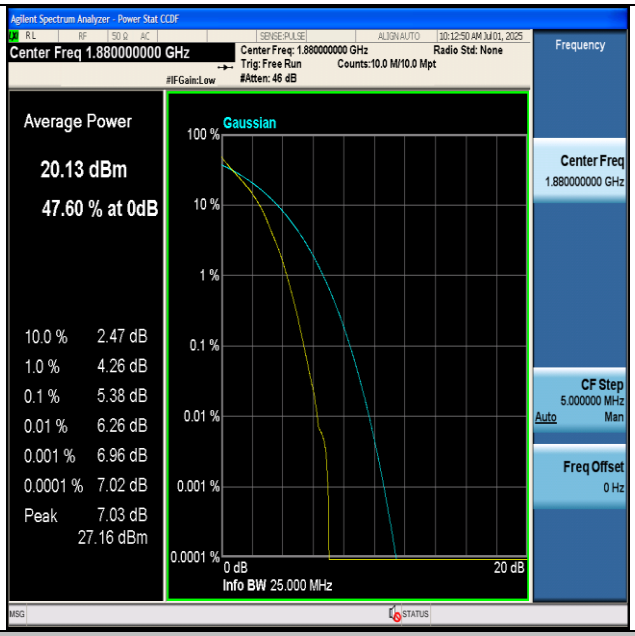

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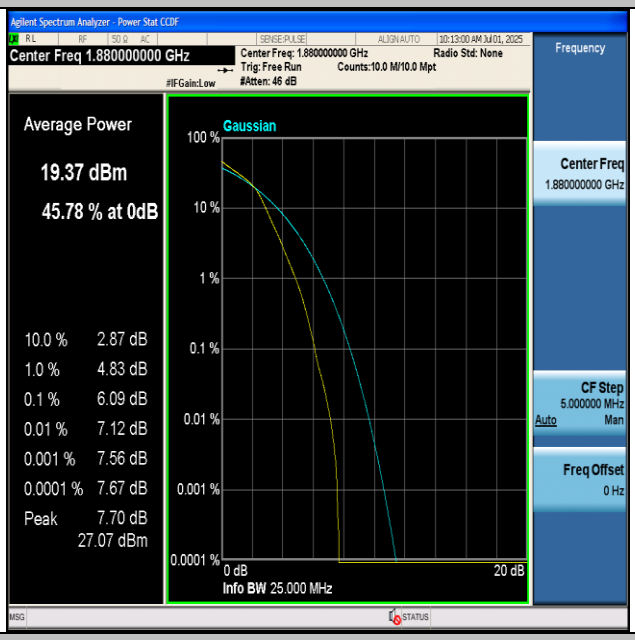

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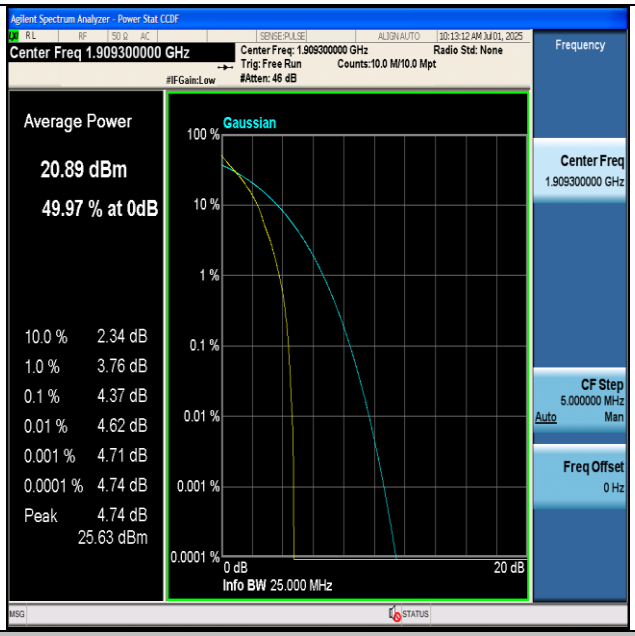

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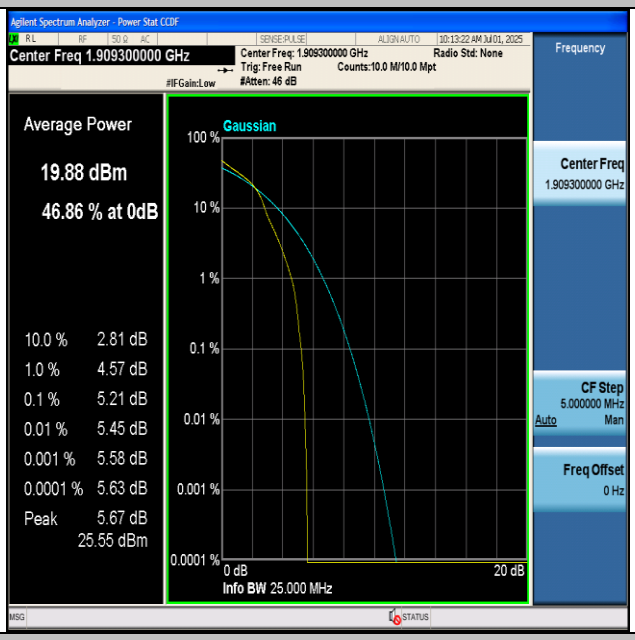

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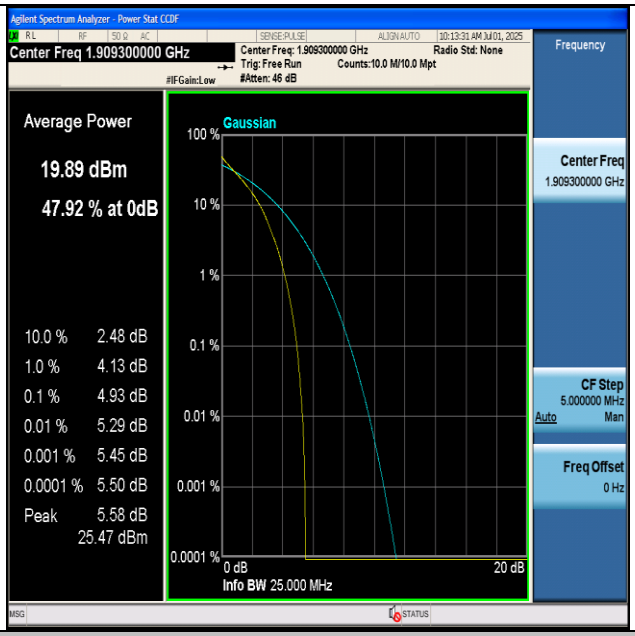

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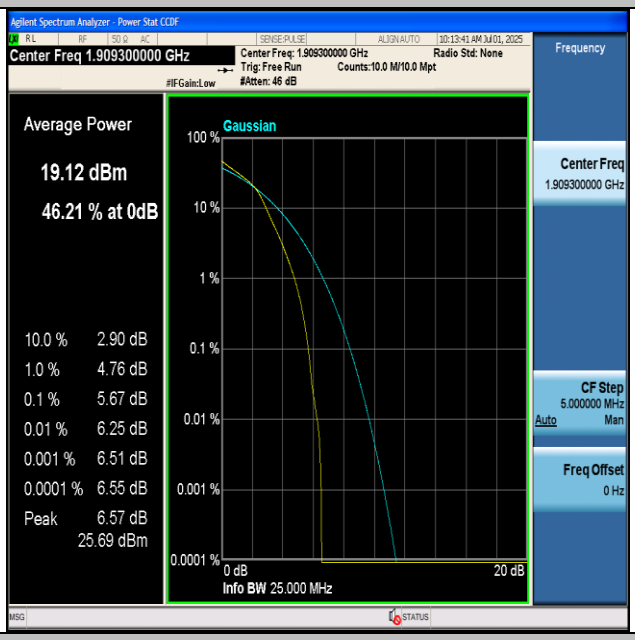

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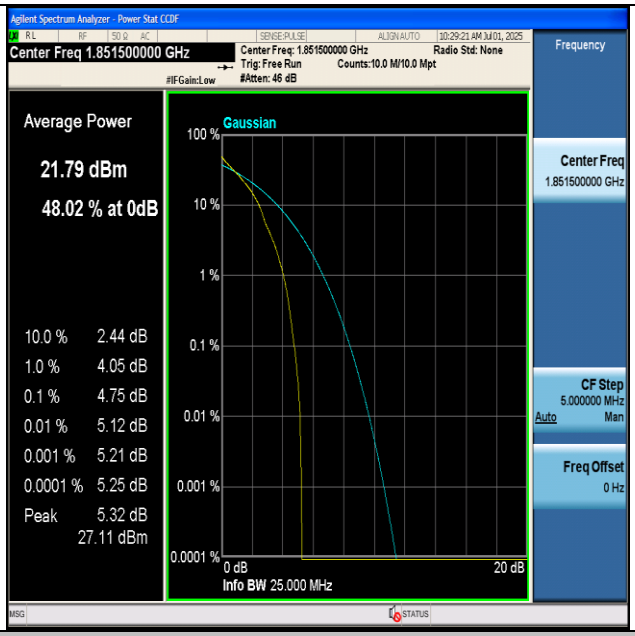

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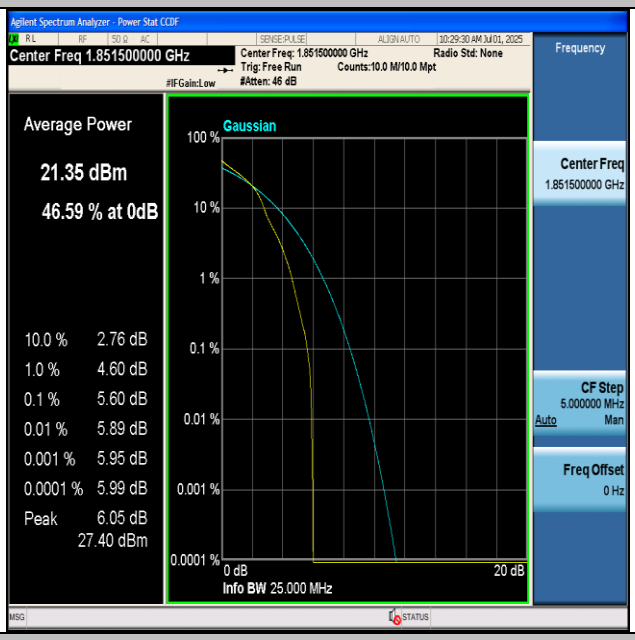

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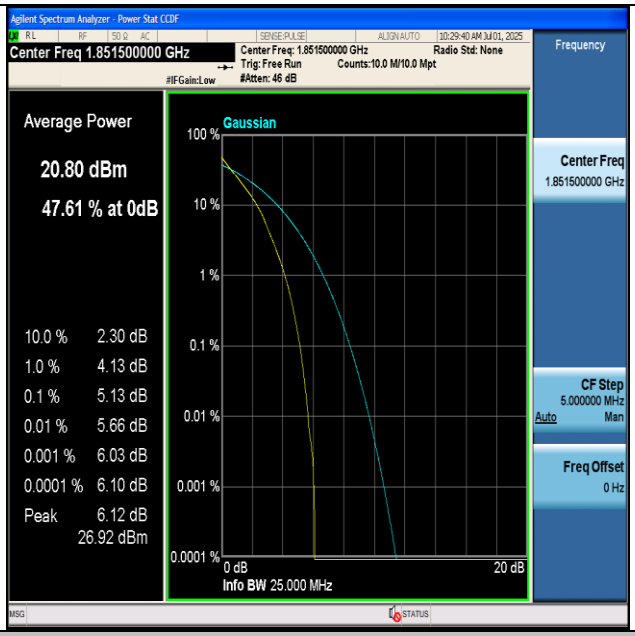

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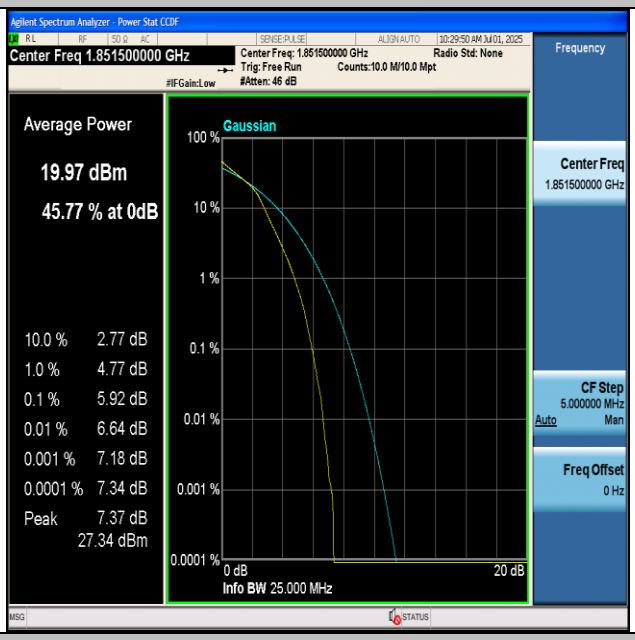

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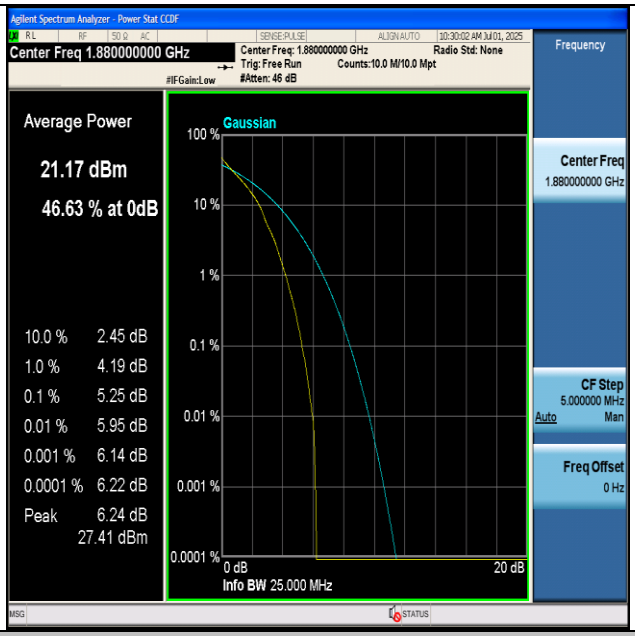
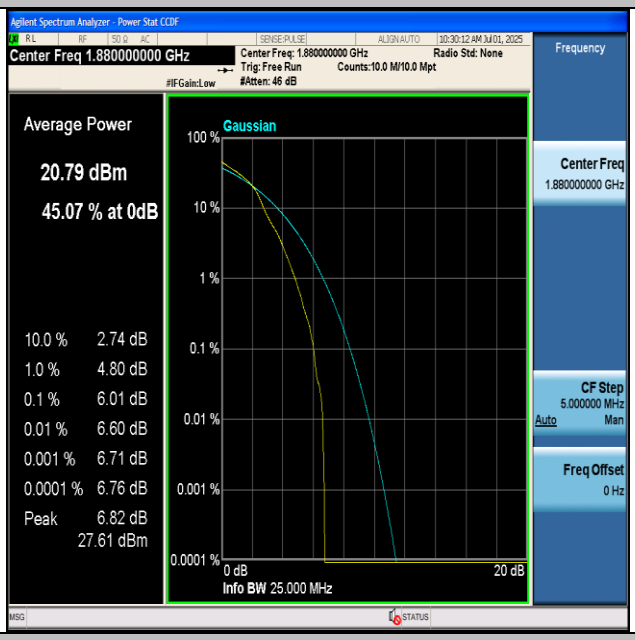


Band2-3MHz-QPSK-18900-1RB#0-PASS



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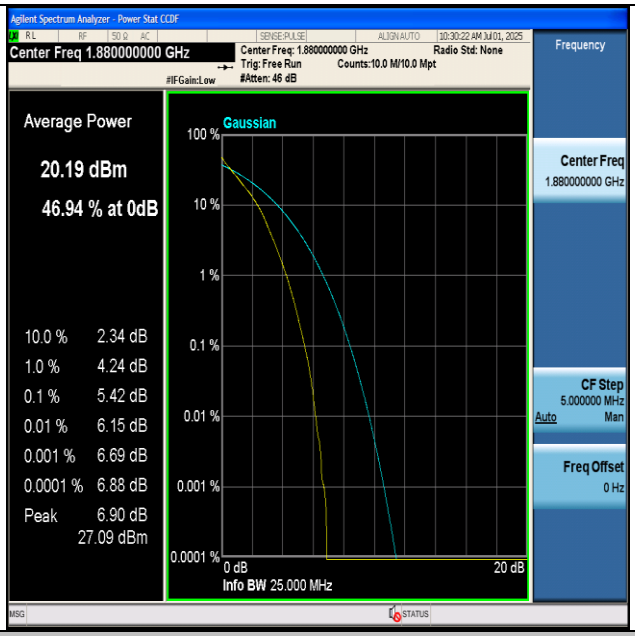

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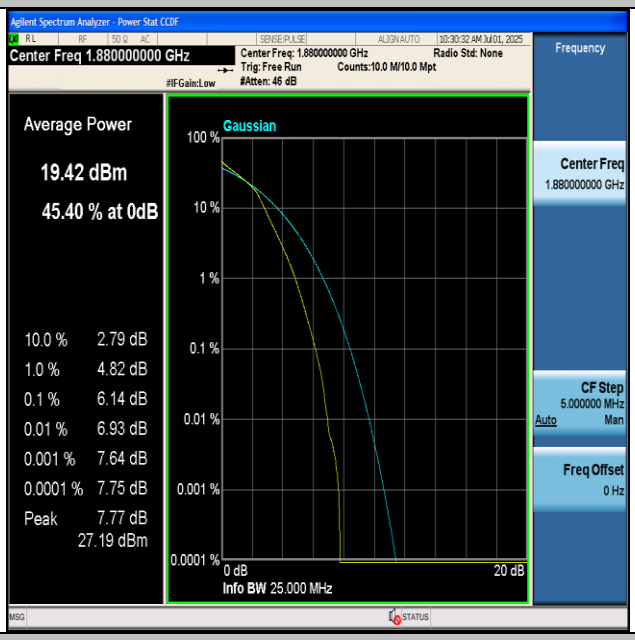

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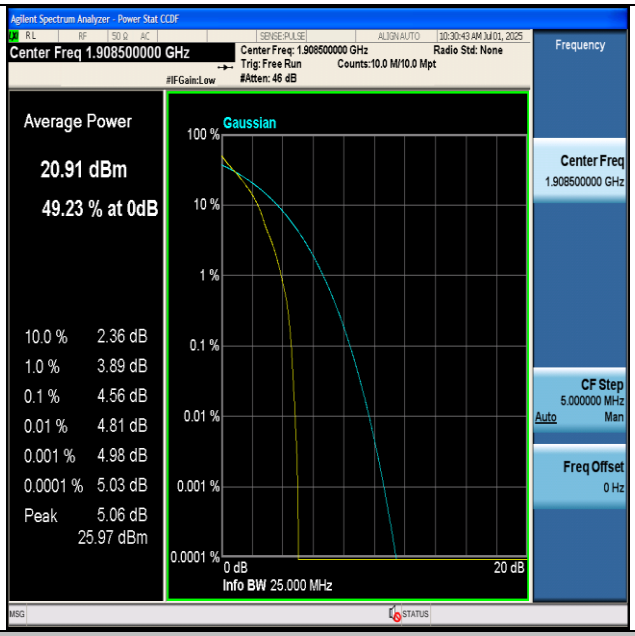

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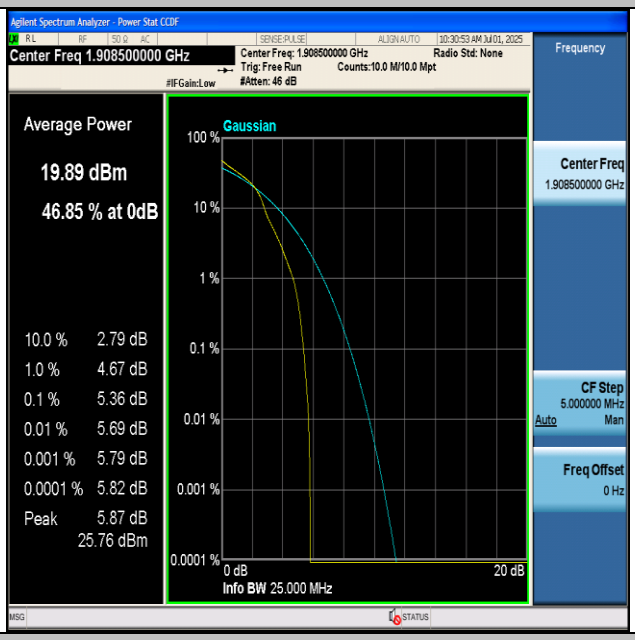

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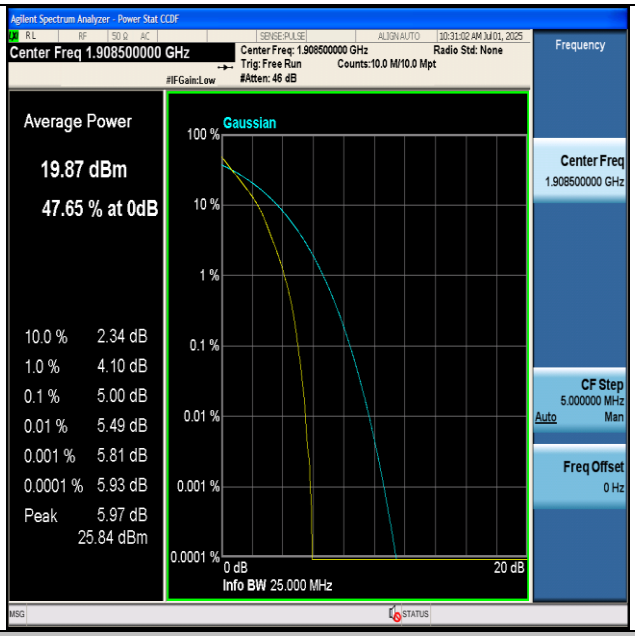

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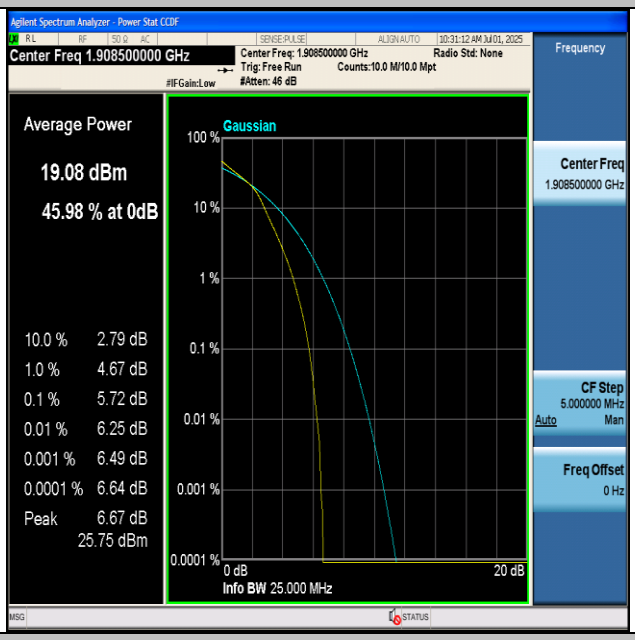

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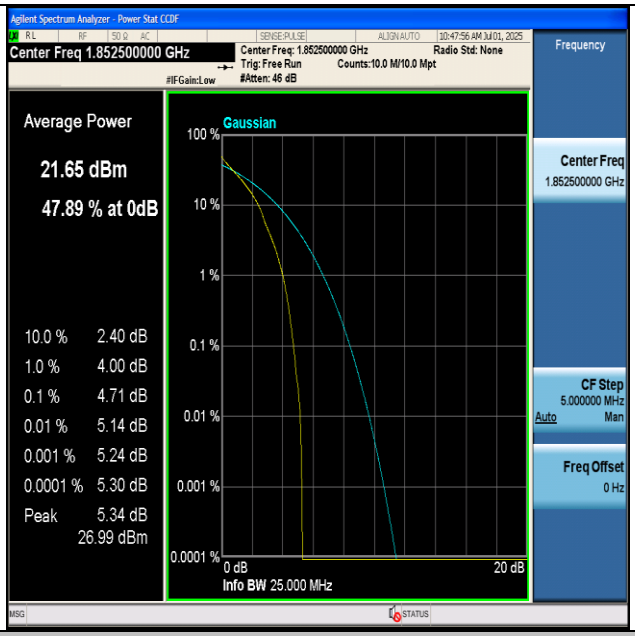
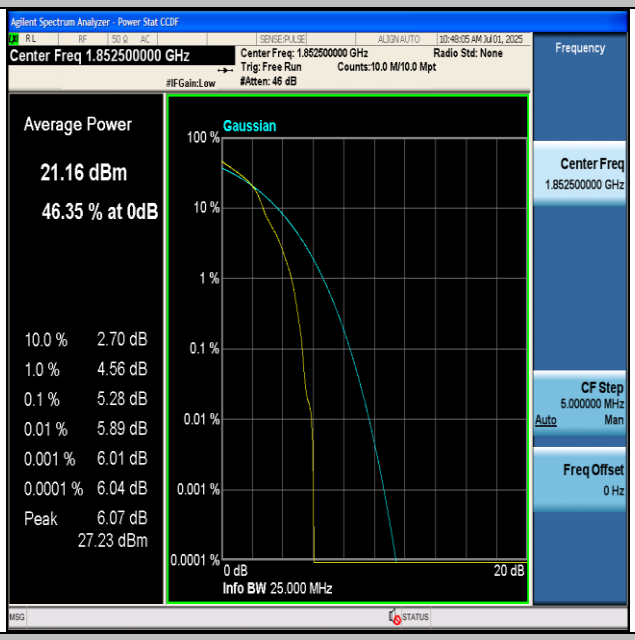


Band2-5MHz-QPSK-18625-1RB#0-PASS



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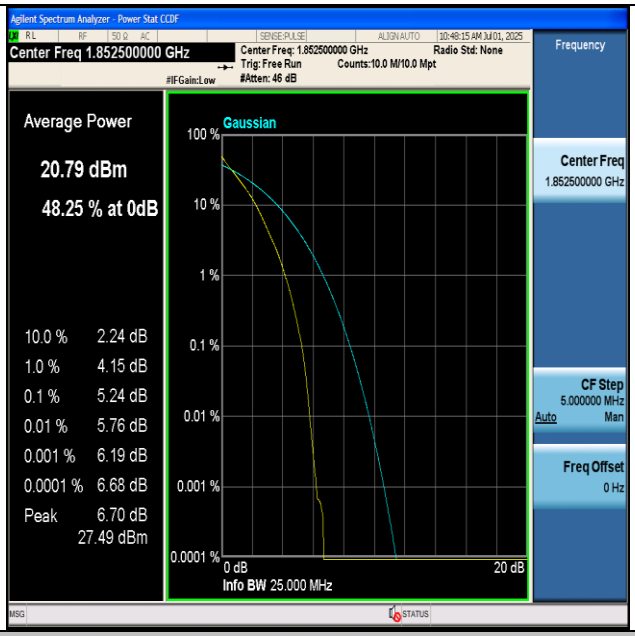

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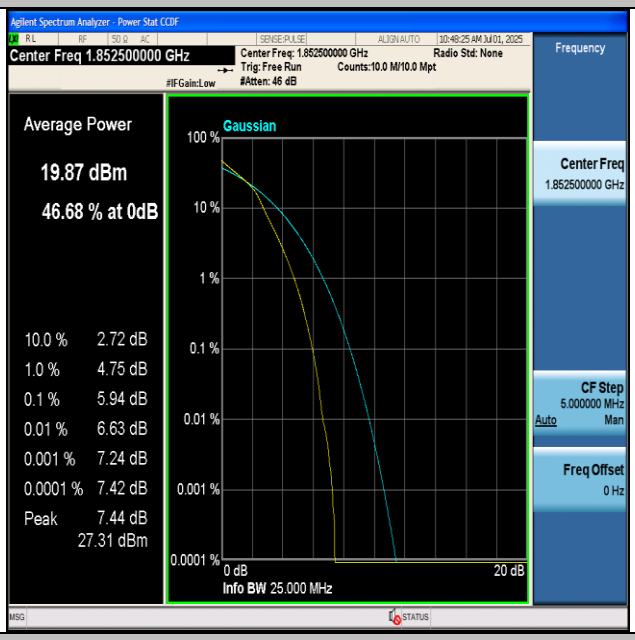

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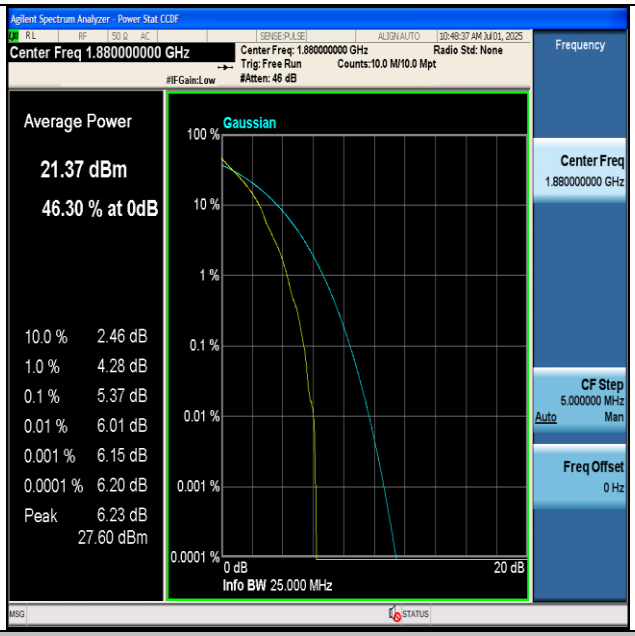
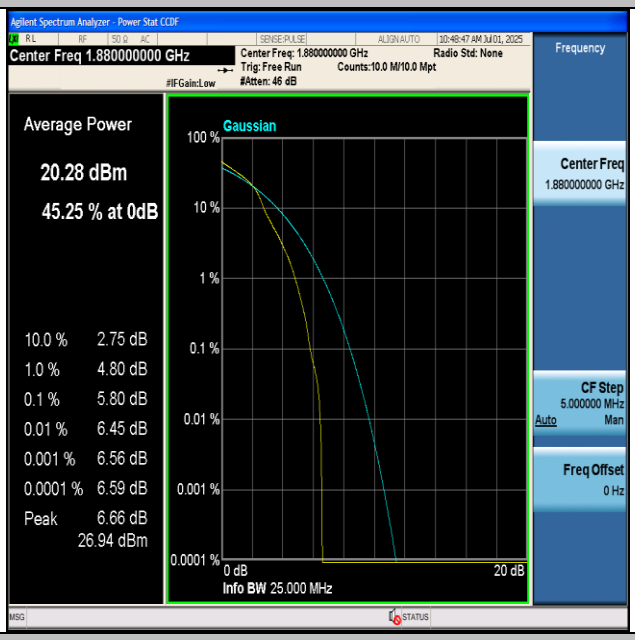


Band2-5MHz-QPSK-18900-1RB#0-PASS



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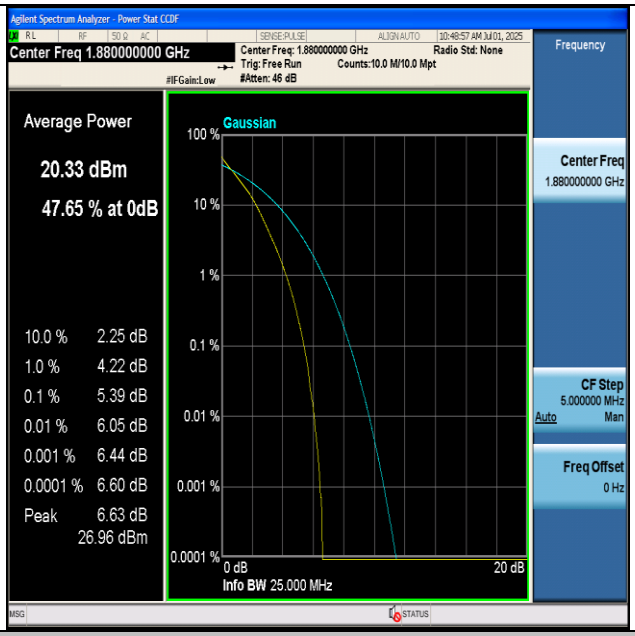

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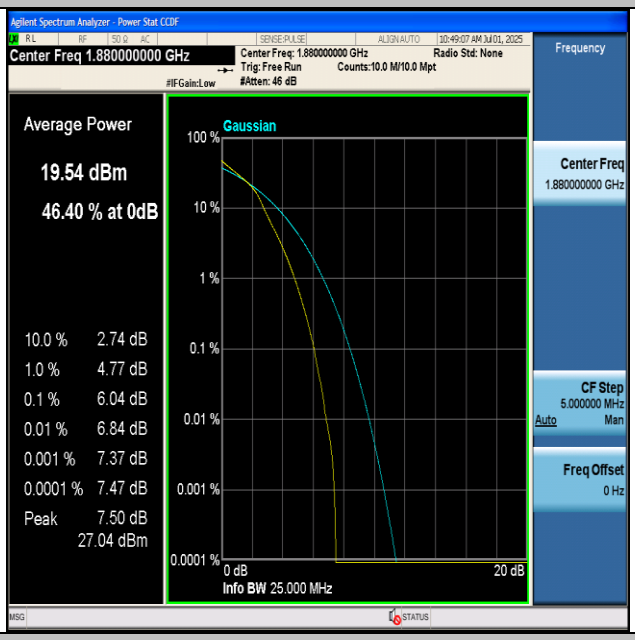

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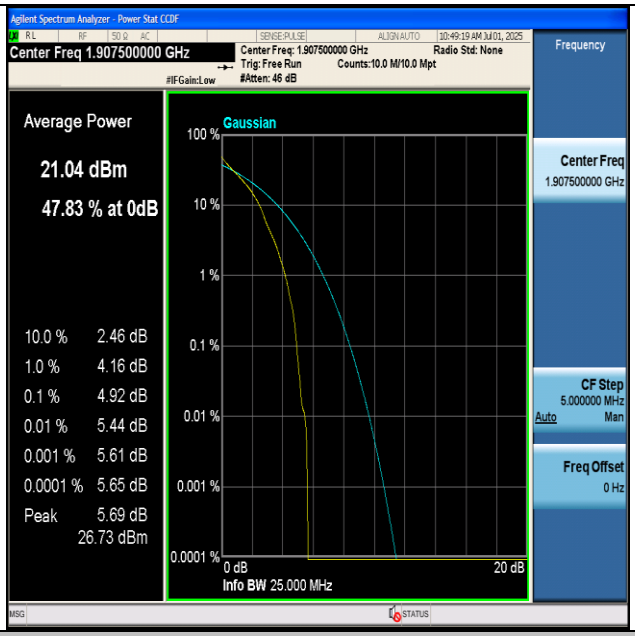

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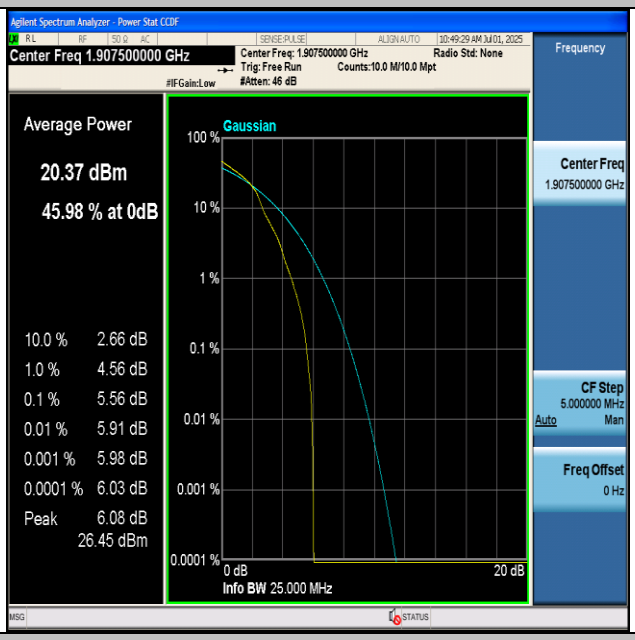

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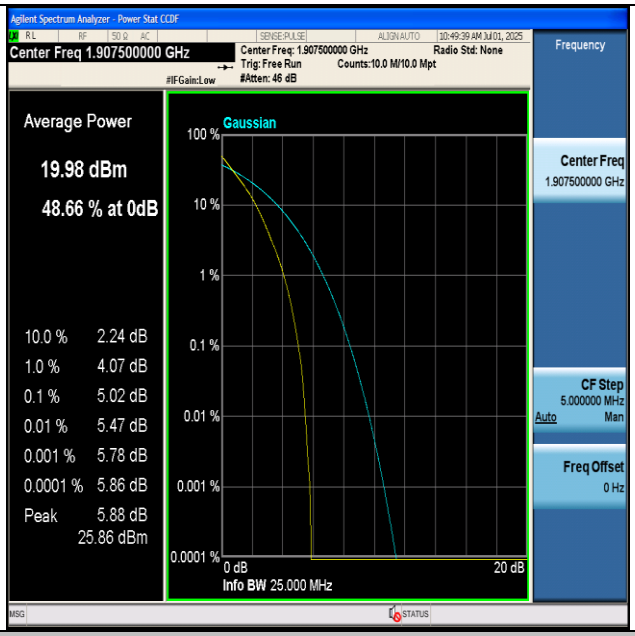

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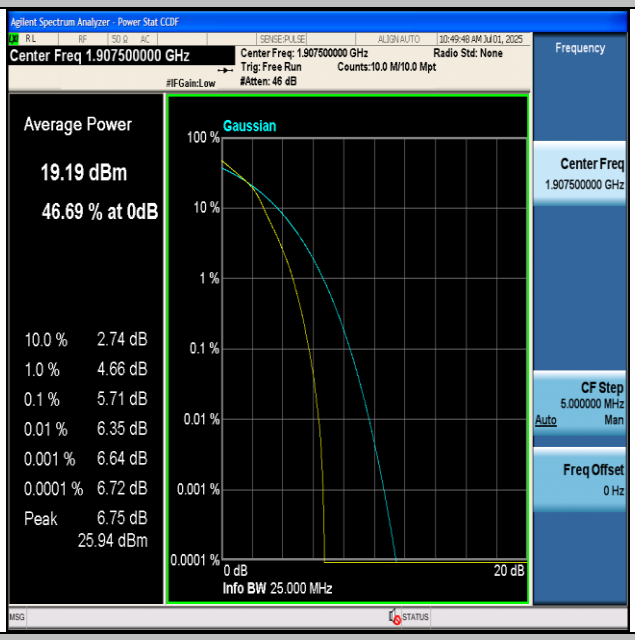

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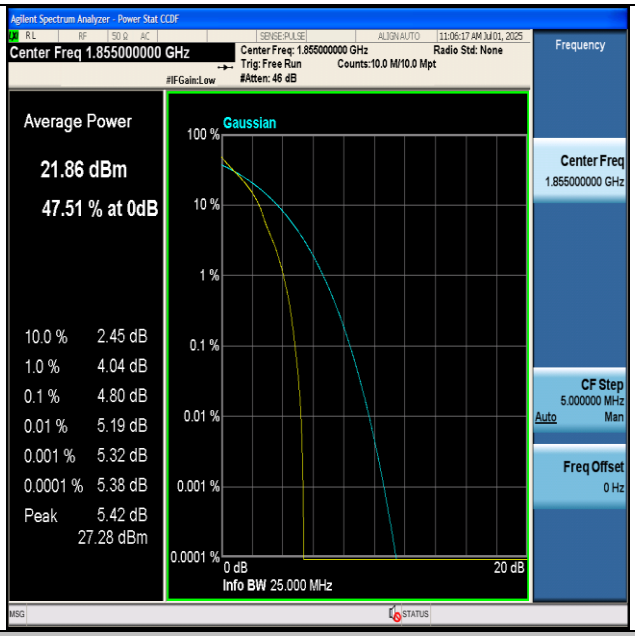
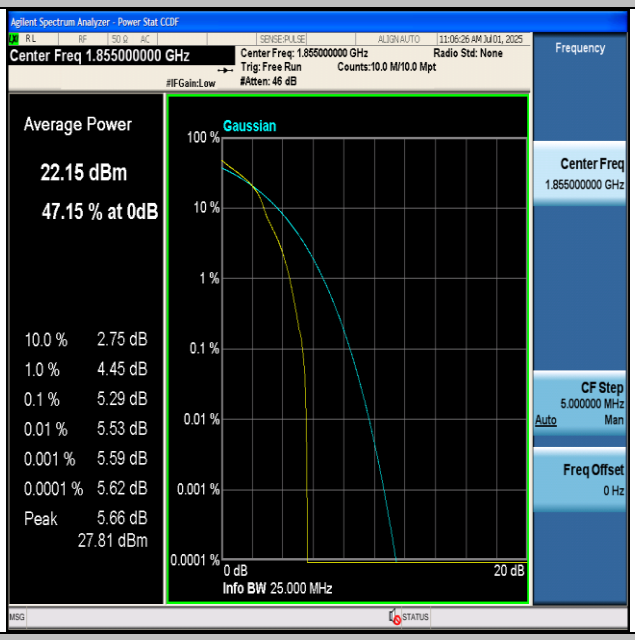


Band2-10MHz-QPSK-18650-1RB#0-PASS



Band2-10MHz-16QAM-18650-1RB#0-PASS